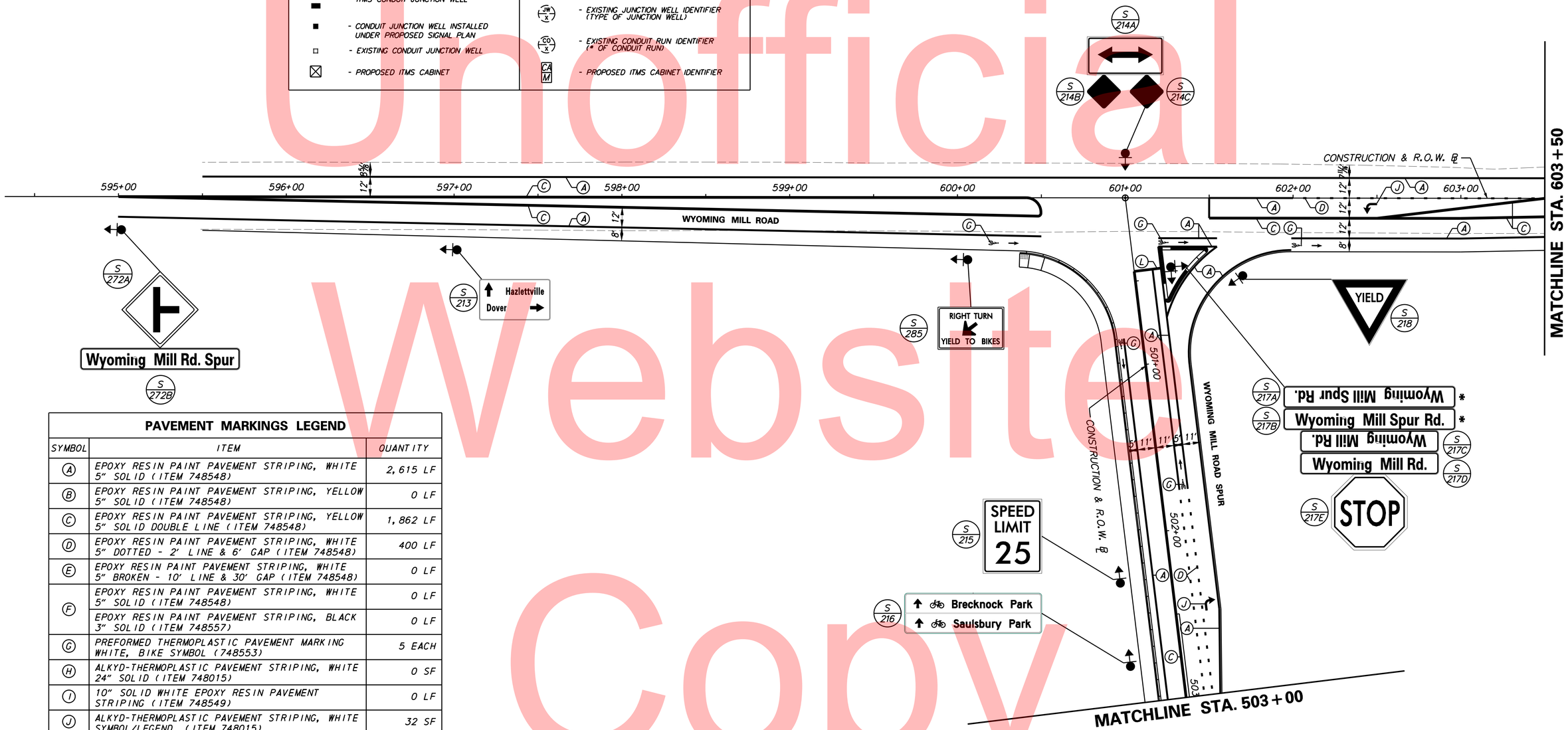
ITMS LEGEND		ITMS LEGEND	
ITMS-CON	- MULTIDUCT CONDUIT		- TRAFFIC SIGNAL CONTROLLER INSTALLED UNDER PROPOSED SIGNAL PLAN
EX-ITMS	- EXISTING ITMS CONDUIT		- EXISTING TRAFFIC SIGNAL CONTROLLER
SIG-CON	- CONDUIT INSTALLED UNDER PROPOSED SIGNAL PLAN	JW x	- PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
EX-SIG	- EXISTING SIGNAL CONDUIT	CO x	- PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)
	- ITMS CONDUIT JUNCTION WELL	JW x	- EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
	- CONDUIT JUNCTION WELL INSTALLED UNDER PROPOSED SIGNAL PLAN	CO x	- EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)
	- EXISTING CONDUIT JUNCTION WELL	CA M	- PROPOSED ITMS CABINET IDENTIFIER
	- PROPOSED ITMS CABINET		



* PLEASE SEE SIGN LEGEND FOR SIGN NUMBER.

PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
A	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	2,615 LF
B	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)	0 LF
C	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)	1,862 LF
D	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)	400 LF
E	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548)	0 LF
F	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	0 LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 748557)	0 LF
G	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (748553)	5 EACH
H	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 748015)	0 SF
I	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF
J	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 748015)	32 SF
K	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549)	0 LF
L	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 748015)	21 SF
M	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)	0 LF

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7/30/2014

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

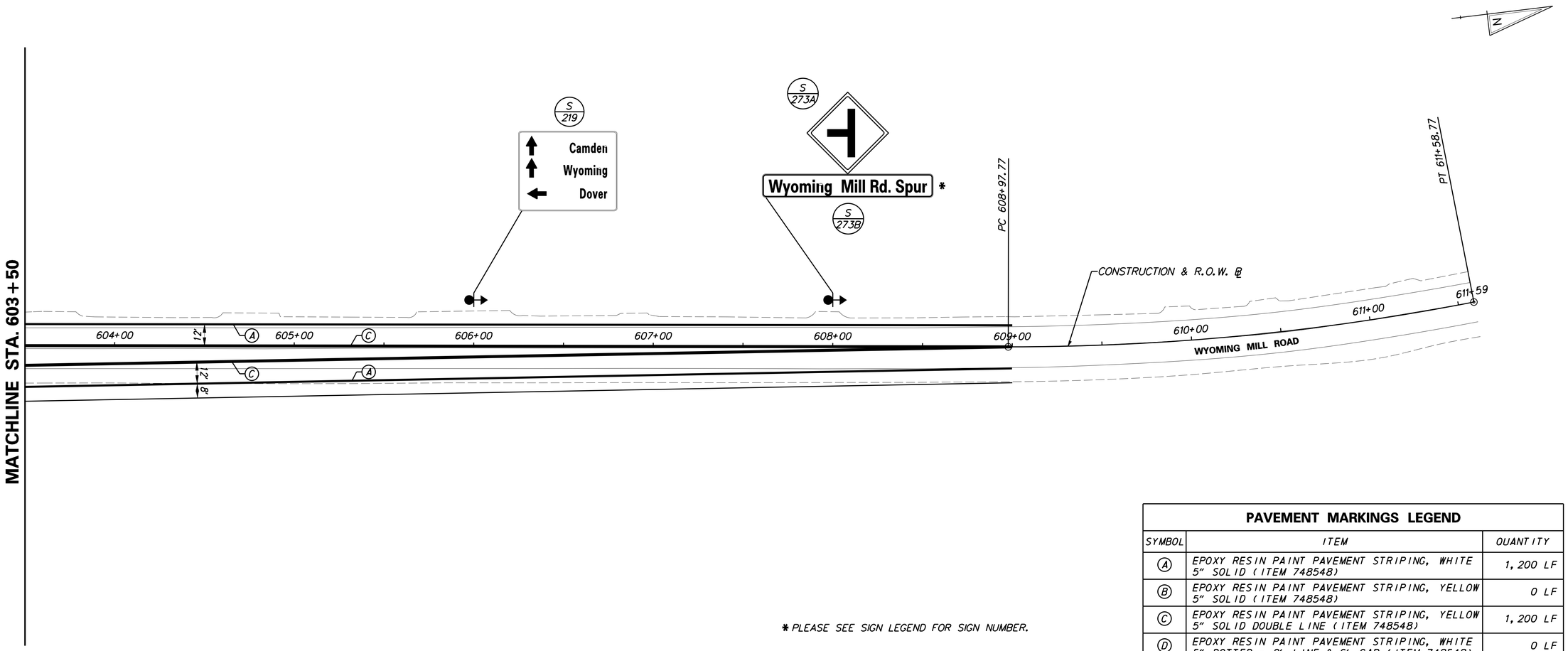
SCALE 0 30 60 90 FEET

WEST DOVER CONNECTOR

CONTRACT	BRIDGE NO. 2-156, 2-157
T200411701	DESIGNED BY: CD
COUNTY	
KENT	CHECKED BY: HR

SIGNING, STRIPING AND CONDUIT PLANS

SS-29
SHEET NO. 301
TOTAL SHTS. 320



* PLEASE SEE SIGN LEGEND FOR SIGN NUMBER.

ITMS LEGEND

ITMS-CON	- MULTIDUCT CONDUIT
EX-ITMS	- EXISTING ITMS CONDUIT
SIG-CON	- CONDUIT INSTALLED UNDER PROPOSED SIGNAL PLAN
EX-SIG	- EXISTING SIGNAL CONDUIT
▬	- ITMS CONDUIT JUNCTION WELL
■	- CONDUIT JUNCTION WELL INSTALLED UNDER PROPOSED SIGNAL PLAN
□	- EXISTING CONDUIT JUNCTION WELL
⊠	- PROPOSED ITMS CABINET

ITMS LEGEND

	- TRAFFIC SIGNAL CONTROLLER INSTALLED UNDER PROPOSED SIGNAL PLAN
	- EXISTING TRAFFIC SIGNAL CONTROLLER
JW x	- PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
CO x	- PROPOSED CONDUIT RUN IDENTIFIER (* OF CONDUIT RUN)
JW x	- EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
CO x	- EXISTING CONDUIT RUN IDENTIFIER (* OF CONDUIT RUN)
CA M	- PROPOSED ITMS CABINET IDENTIFIER

PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
A	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	1,200 LF
B	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)	0 LF
C	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)	1,200 LF
D	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)	0 LF
E	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548)	0 LF
F	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	0 LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 748557)	0 LF
G	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (748553)	0 EACH
H	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 748015)	0 SF
I	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF
J	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 748015)	0 SF
K	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549)	0 LF
L	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 748015)	0 SF
M	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)	0 LF

SS-30

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE: 1"=30'
0 30 60 90
FEET

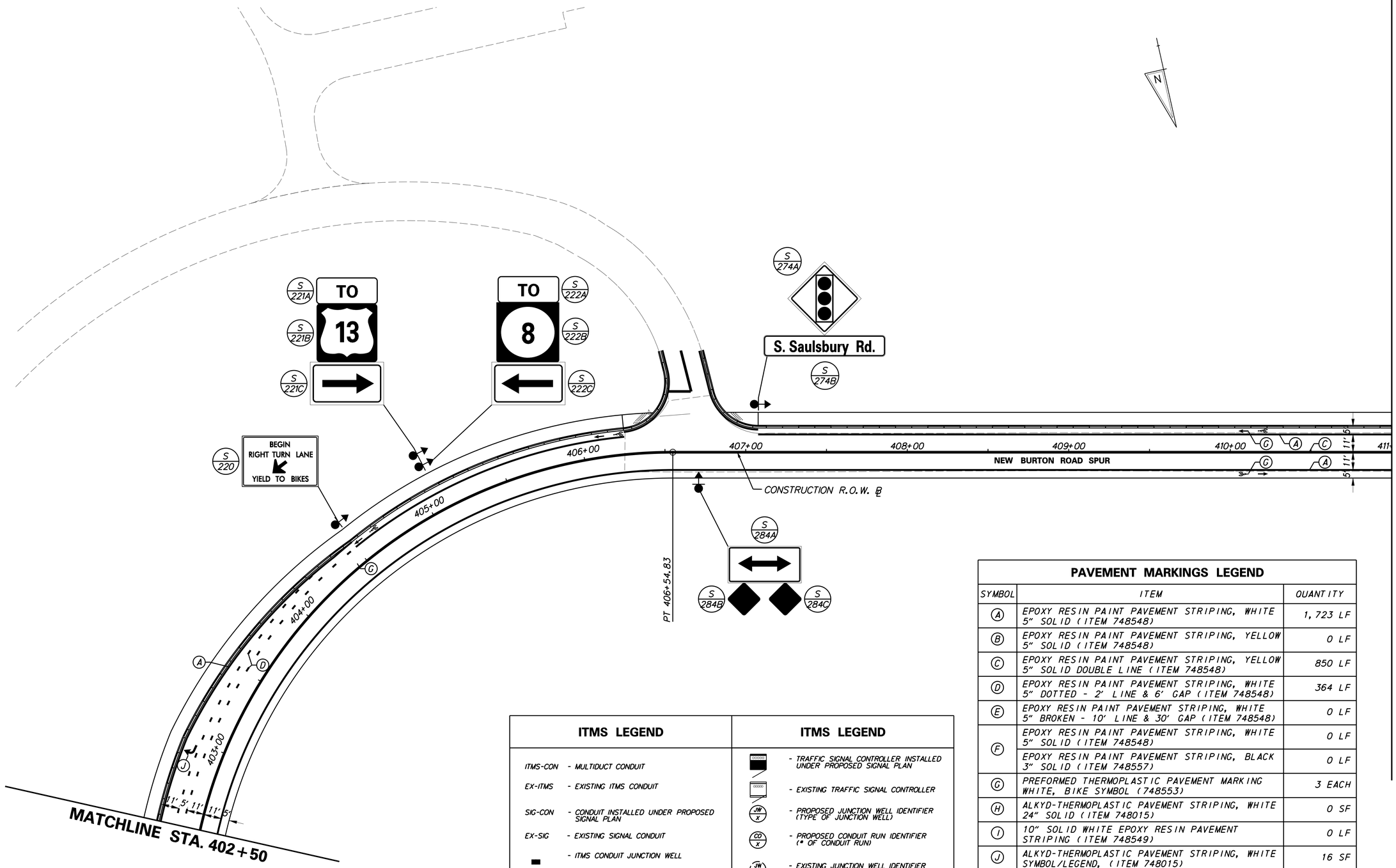
WEST DOVER CONNECTOR

CONTRACT	T200411701
COUNTY	KENT
BRIDGE NO.	2-156, 2-157
DESIGNED BY: CD	
CHECKED BY: HR	

SIGNING, STRIPING AND CONDUIT PLANS

SHEET NO. 302
TOTAL SHTS. 320

SS30.dgn
7/30/2014



PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
A	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	1,723 LF
B	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)	0 LF
C	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)	850 LF
D	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)	364 LF
E	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548)	0 LF
F	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	0 LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 748557)	0 LF
G	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (748553)	3 EACH
H	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 748015)	0 SF
I	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF
J	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 748015)	16 SF
K	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549)	0 LF
L	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 748015)	0 SF
M	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)	0 LF

ITMS LEGEND

ITMS-CON	- MULTIDUCT CONDUIT
EX-ITMS	- EXISTING ITMS CONDUIT
SIG-CON	- CONDUIT INSTALLED UNDER PROPOSED SIGNAL PLAN
EX-SIG	- EXISTING SIGNAL CONDUIT
	- ITMS CONDUIT JUNCTION WELL
	- CONDUIT JUNCTION WELL INSTALLED UNDER PROPOSED SIGNAL PLAN
	- EXISTING CONDUIT JUNCTION WELL
	- PROPOSED ITMS CABINET

ITMS LEGEND

	- TRAFFIC SIGNAL CONTROLLER INSTALLED UNDER PROPOSED SIGNAL PLAN
	- EXISTING TRAFFIC SIGNAL CONTROLLER
JW x	- PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
CO x	- PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)
JW x	- EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
CO x	- EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)
CA M	- PROPOSED ITMS CABINET IDENTIFIER

SS31.dgn
4/3/2014

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

WEST DOVER CONNECTOR

CONTRACT	BRIDGE NO. 2-156, 2-157
T200411701	DESIGNED BY: CD
COUNTY	CHECKED BY: HR
KENT	

SIGNING, STRIPING AND CONDUIT PLANS

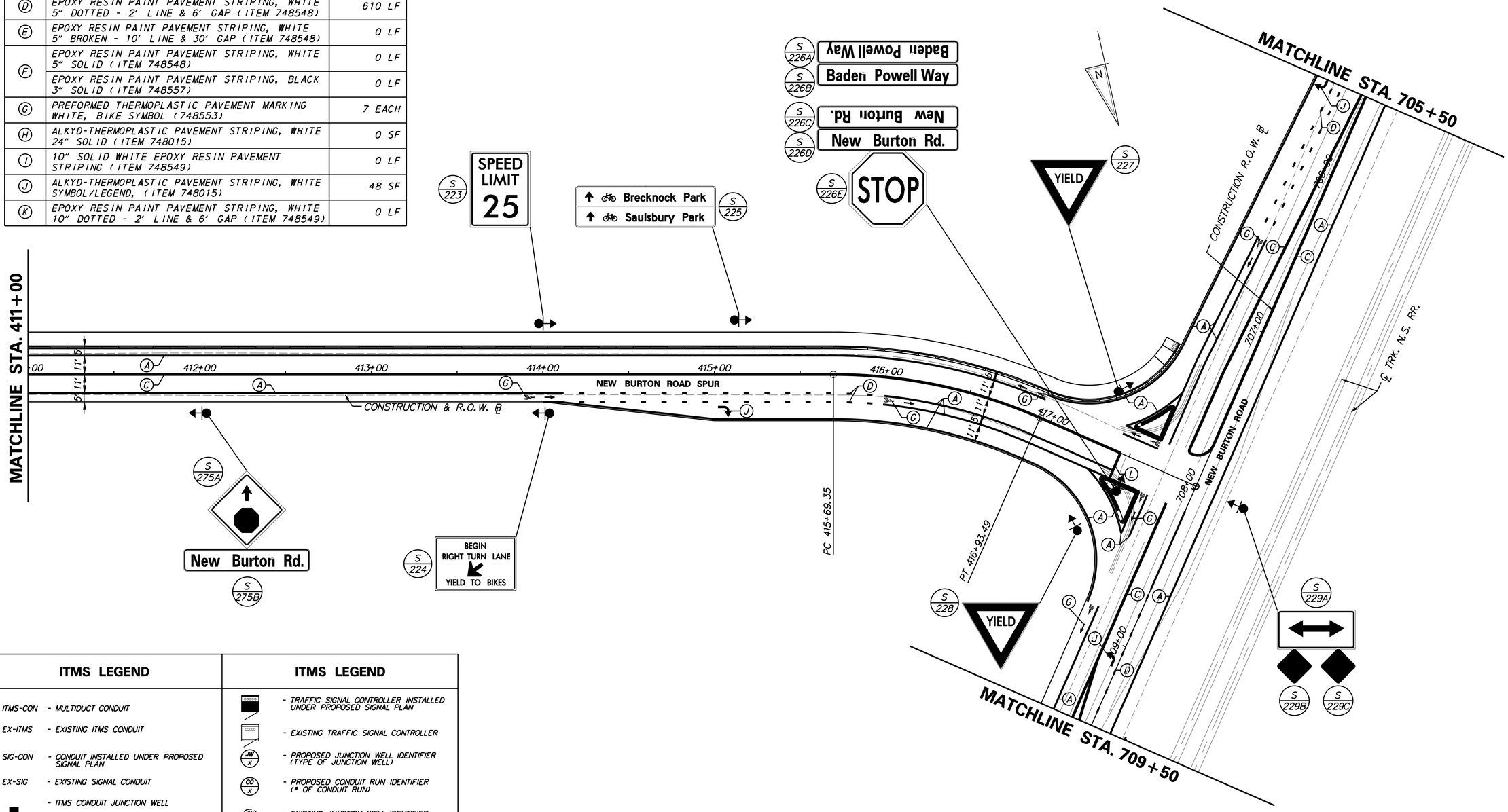
SS-31

SHEET NO. 303

TOTAL SHTS. 320

PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
A	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	2,770 LF
B	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)	0 LF
C	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)	1,220 LF
D	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)	610 LF
E	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548)	0 LF
F	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	0 LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 748557)	0 LF
G	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (748553)	7 EACH
H	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 748015)	0 SF
I	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF
J	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 748015)	48 SF
K	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549)	0 LF



ITMS LEGEND

ITMS-CON	- MULTIDUCT CONDUIT
EX-ITMS	- EXISTING ITMS CONDUIT
SIG-CON	- CONDUIT INSTALLED UNDER PROPOSED SIGNAL PLAN
EX-SIG	- EXISTING SIGNAL CONDUIT
▬	- ITMS CONDUIT JUNCTION WELL
■	- CONDUIT JUNCTION WELL INSTALLED UNDER PROPOSED SIGNAL PLAN
□	- EXISTING CONDUIT JUNCTION WELL
⊠	- PROPOSED ITMS CABINET

ITMS LEGEND

	- TRAFFIC SIGNAL CONTROLLER INSTALLED UNDER PROPOSED SIGNAL PLAN
	- EXISTING TRAFFIC SIGNAL CONTROLLER
JW X	- PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
CO X	- PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)
JW X	- EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
CO X	- EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)
CA M	- PROPOSED ITMS CABINET IDENTIFIER

SS-32

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE 0 30 60 90 FEET

WEST DOVER CONNECTOR

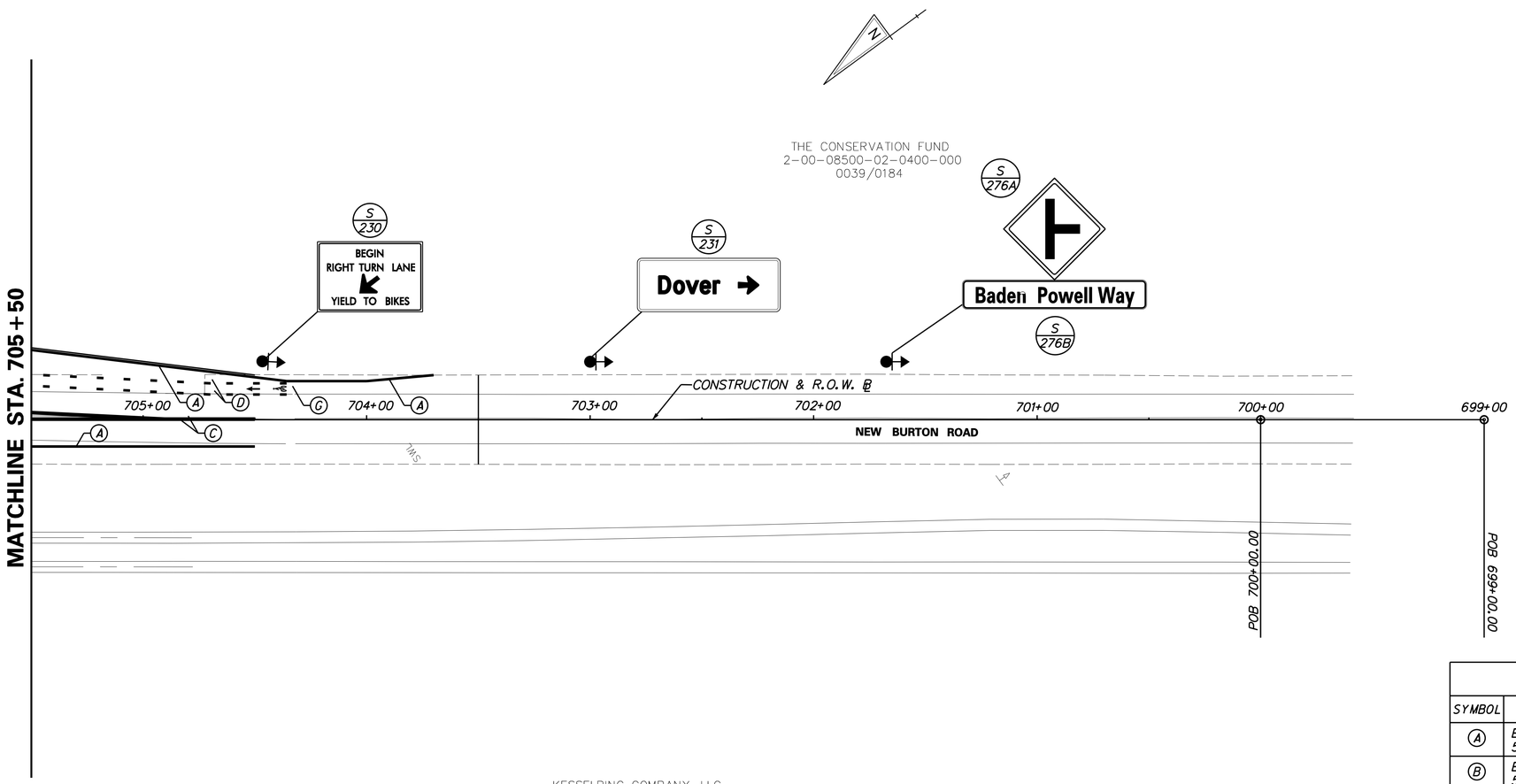
CONTRACT	BRIDGE NO. 2-156, 2-157
T200411701	DESIGNED BY: CD
COUNTY	
KENT	CHECKED BY: HR

SIGNING, STRIPING AND CONDUIT PLANS

SHEET NO. 304

TOTAL SHTS. 320

SS32.dgn
7/30/2014



PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
A	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	281 LF
B	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID (ITEM 748548)	0 LF
C	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 5" SOLID DOUBLE LINE (ITEM 748548)	200 LF
D	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)	200 LF
E	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" BROKEN - 10' LINE & 30' GAP (ITEM 748548)	0 LF
F	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" SOLID (ITEM 748548)	0 LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 748557)	0 LF
G	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (748553)	1 EACH
H	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 748015)	0 SF
I	10" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748549)	0 LF
J	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE SYMBOL/LEGEND, (ITEM 748015)	0 SF
K	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 10" DOTTED - 2' LINE & 6' GAP (ITEM 748549)	0 LF
L	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 748015)	0 SF
M	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 5" DOTTED - 2' LINE & 6' GAP (ITEM 748548)	0 LF

ITMS LEGEND

ITMS-CON	- MULTIDUCT CONDUIT
EX-ITMS	- EXISTING ITMS CONDUIT
SIG-CON	- CONDUIT INSTALLED UNDER PROPOSED SIGNAL PLAN
EX-SIG	- EXISTING SIGNAL CONDUIT
▬	- ITMS CONDUIT JUNCTION WELL
■	- CONDUIT JUNCTION WELL INSTALLED UNDER PROPOSED SIGNAL PLAN
□	- EXISTING CONDUIT JUNCTION WELL
⊠	- PROPOSED ITMS CABINET

ITMS LEGEND

	- TRAFFIC SIGNAL CONTROLLER INSTALLED UNDER PROPOSED SIGNAL PLAN
	- EXISTING TRAFFIC SIGNAL CONTROLLER
JW x	- PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
CO x	- PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)
JW x	- EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
CO x	- EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)
CA M	- PROPOSED ITMS CABINET IDENTIFIER

SS-33

DELAWARE
DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS

SCALE: 1"=30'
0 30 60 90
FEET

WEST DOVER CONNECTOR

CONTRACT	BRIDGE NO. 2-156, 2-157
T200411701	DESIGNED BY: CD
COUNTY	
KENT	CHECKED BY: HR

SIGNING, STRIPING AND CONDUIT PLANS

SHEET NO. 305
TOTAL SHTS. 320

SS33.dgn
7/30/2014

PERMANENT SIGN SCHEDULE

SHEET NO.	NO.	CODE	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	SIGN DISPOSITION	ITEM 749687 SINGLE POST (EACH)		ITEM 749690 MULTI POST (SF)		ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
									REMOVE	INSTALL	REMOVE	INSTALL			
SS-01	1		SPEED LIMIT (35 MPH)	1				REMAIN							
SS-01	2		"ONE WAY" - ARROW TO THE RIGHT	2				REMAIN							
SS-01	3A		"ONE WAY" - ARROW TO THE RIGHT	3				REMAIN							
SS-01	3B		"STOP"	3				REMAIN							
SS-01	4		"NO "STOP"PING, STANDING OR PARKING"	4				REMAIN							
SS-01	5		ALL TRAFFIC	5				REMAIN							
SS-01	6A		"STOP"	6				REMAIN							
SS-01	6B		NO LEFT TURN - SYMBOL	6				REMAIN							
SS-01	7A		"ALT"	7				REMAIN							
SS-01	7B		U.S. 13 ROUTE SHIELD	7				REMAIN							
SS-01	8-1		SPEED LIMIT (50 MPH)	8				REMAIN							
SS-01	8-2		SPEED LIMIT (50 MPH)	8				REMAIN							
SS-01	9		"YIELD"	9				REMAIN							
SS-01	10A		"ONE WAY" - ARROW TO THE RIGHT	10				REMAIN							
SS-01	10B		"STOP"	10				REMAIN							
SS-01	11		"YIELD"	11				REMAIN							
SS-01	12A	W3-3	SIGNAL AHEAD	12	30	30	6.25	INSTALL		1					
SS-01	12B	W16-8P	"S. Saulsbury Rd."	12	Varies	9		INSTALL							
SS-01	13A	W3-3	SIGNAL AHEAD	13	30	30	6.25	INSTALL		1					
SS-01	13B	W16-8P	"S. Saulsbury Rd."	13	Varies	9		INSTALL							
SS-01	14		"STOP"	14				REMAIN							
SS-01	15	R3-20-DE	TURN LANE	15	18	18	2.25	INSTALL		1					
SS-01	16A		"SOUTH"	16				REMAIN							
SS-01	16B		U.S. 13 ROUTE SHIELD	16				REMAIN							
SS-01	16C		DIRECTIONAL ARROW (THRU)	16				REMAIN							
SS-01	17A		"ALT"	17				REMAIN							
SS-01	17B		U.S. 13 ROUTE SHIELD	17				REMAIN							
SS-01	17C		DIRECTIONAL ARROW (45 DEG RIGHT)	17				REMAIN							
SS-01	18A		SIGNAL AHEAD	18				REMOVE	1						
SS-01	18B		"CHARLES POLK RD."	18				REMOVE							
SS-01	19A		SIGNAL AHEAD	19				REMOVE	1						
SS-01	19B		"CHARLES POLK RD."	19				REMOVE							
SS-01	20		TURN LANE	20				REMOVE	1						
SS-01	21		TURN LANE	21				REMAIN							
SS-02	22		DESTINATION BROWN GUIDE (TWO LINE)	22				REMAIN							
SS-02	23		DESTINATION GREEN GUIDE (TWO LINE)	23				REMAIN							
SS-02	24		SPONSOR A HIGHWAY	24				REMAIN							
SS-02	25	R1-2	"YIELD"	25	36	36	9	INSTALL		1					
SS-02	26A		DIVIDED HIGHWAY (T-INT)	26				REPOSITION							
SS-02	26B		"ONE WAY" - ARROW TO THE RIGHT	26				REPOSITION	1	1					
SS-02	26C		"ONE WAY" - ARROW TO THE LEFT	26				REPOSITION							
SS-02	26D		ISLAND AHEAD, KEEP RIGHT	26D				REPOSITION							
SS-02	27A	M3-1	"NORTH"	27	24	12	2	INSTALL							
SS-02	27B	M1-4	U.S. 13 ROUTE SHIELD	27	24	24	4	INSTALL		1					
SS-02	27C	M5-1L	ADVANCED DIRECTIONAL ARROW (LEFT)	264	21	15	2.1875	INSTALL							
SS-02	28A	M3-3	"SOUTH"	28	24	12	2	INSTALL							
SS-02	28B	M1-4	U.S. 13 ROUTE SHIELD	28	24	24	4	INSTALL		1					
SS-02	28C	M6-1R	DIRECTIONAL ARROW (RIGHT)	28	21	15	2.1875	INSTALL							
SS-02	29	R2-1	SPEED LIMIT (40 MPH)	29	30	36	7.5	INSTALL		1					
SS-02	30	R3-2	NO LEFT TURN - SYMBOL	30	36	36	9	INSTALL		1					
SS-02	31		(POST ONLY)	31				REMOVE	1						
SS-02	32A	R4-7	ISLAND AHEAD, KEEP RIGHT	32	24	30	5	INSTALL		1					
SS-02	33A	R2-1	SPEED LIMIT (25 MPH)	33	30	36	7.5	REMOVE	1						
SS-02	33B	R7-4	"NO STOPPING, STANDING OR PARKING"	33	12	18	1.5	REMOVE							
SS-02	34			34				REMAIN							
SS-02	35		WATCH FOR CHILDREN	35				REMOVE	1						
SS-02	37-1	R3-7R	"RIGHT LANE MUST TURN RIGHT"	37	36	36	9	INSTALL		1					
SS-02	37-2	R3-7R	"RIGHT LANE MUST TURN RIGHT"	37	36	36	9	INSTALL		1					
SS-02	38		NO LEFT TURN OR U TURN - SYMBOL	38				REMAIN							
SS-02	39		SPEED LIMIT (50 MPH)	39				REMAIN							
SS-02	40		DESTINATION WHITE GUIDE (THREE LINE)	40				REMAIN							
SS-02	41		DESTINATION GREEN GUIDE (ONE LINE)	41				REMAIN							
SS-02	232	R5-1A	WRONG WAY	232	36	24	6	INSTALL		1					
SS-02	233	R5-1A	WRONG WAY	233	36	24	6	INSTALL		1					
SS-02	234	R5-1	DO NOT ENTER	234	36	36	9	INSTALL		1					
SS-02	235	R5-1	DO NOT ENTER	235	36	36	9	INSTALL		1					
SS-02	236-1	R5-1A	WRONG WAY	236	36	24	6	INSTALL		1					
SS-02	236-2	R5-1A	WRONG WAY	236	36	24	6	INSTALL		1					
SS-02	237-1	R5-1	DO NOT ENTER	238	36	36	9	INSTALL		1					
SS-02	237-2	R5-1	DO NOT ENTER	239	36	36	9	INSTALL		1					

PERMANENT SIGN SCHEDULE

SHEET NO.	NO.	CODE	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	SIGN DISPOSITION	ITEM 749687 SINGLE POST (EACH) REMOVE	ITEM 749687 SINGLE POST (EACH) INSTALL	ITEM 749690 MULTI POST (SF) REMOVE	ITEM 749690 MULTI POST (SF) INSTALL	ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
SS-03	42	R3-7R	"RIGHT LANE MUST TURN RIGHT"	42	36	36	9	INSTALL		1					
SS-03	43A		"ALT"	43				REMAIN							
SS-03	43B		U.S. 13 ROUTE SHIELD	43				REMAIN							
SS-03	43C		DIRECTIONAL ARROW (45 DEG LEFT)	43				REMAIN							
SS-03	44		"STOP"	44				REMAIN							
SS-03	45A		SIGNAL AHEAD	45				REMAIN							
SS-03	45B	W16-8P	"S. Saulsbury Rd."	45	VARIES	9		INSTALL		1					
SS-03	46A		SIGNAL AHEAD	46				REMAIN							
SS-03	46B	W16-8P	"S. Saulsbury Rd."	46	VARIES	9		INSTALL		1					
SS-04	47A	R4-7	ISLAND AHEAD, KEEP RIGHT	47	24	30	5	INSTALL		1					
SS-04	48A	R1-1	"STOP"	48	36	36	9	RENEW	1	1					
SS-04	48B	R6-5R	MANDATORY MOVEMENT LANE CONTROL (RIGHT)	48	30	36	7.5	INSTALL							
SS-04	49	W9-2L	"LANE ENDS MERGE LEFT"	49	36	36	9	INSTALL		1					
SS-04	50	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	50	36	30	7.5	INSTALL		1					
SS-04	51	D4-3-DE	BUS STOP (DART)	51	12	18	1.5	INSTALL		1					
SS-04	52A	R4-7	ISLAND AHEAD, KEEP RIGHT	52	24	30	5	INSTALL		1					
SS-04	53A	R4-7	ISLAND AHEAD, KEEP RIGHT	53	24	30	5	INSTALL		1					
SS-04	54A	R1-1	"STOP"	54	36	36	9	INSTALL		1					
SS-04	54B	R6-3A	DIVIDED HIGHWAY CROSSING (T-INTERSECTION)	54	24	18	3	INSTALL							
SS-04	55	W4-2R	ROAD NARROWS, MERGE RIGHT - SYMBOL	55	36	36	9	INSTALL		1					
SS-04	56A		SIGNAL AHEAD	56				REMOVE							
SS-04	56B		"S. DuPont Hwy."	56				REMOVE	1						
SS-04	56C		"BEGIN"	56				REMOVE							
SS-04	56D		"NO STOPPING, STANDING OR PARKING"	56				REMOVE							
SS-04	57	D1-3	DESTINATION GREEN GUIDE (THREE LINE)	57	VARIES	42		INSTALL				1			
SS-04	58	D4-3-DE	BUS STOP (DART)	58	12	18	1.5	INSTALL		1					
SS-04	59	W3-3	SIGNAL AHEAD	59	30	30	6.25	INSTALL		1					
SS-04	238A	W16-8P	"S. DuPont Hwy."	238	VARIES	9		INSTALL							
SS-04	238B	M2-1	"JCT" JUNCTION	238	21	15	2.1875	INSTALL							
SS-04	238C	M1-4	U.S. 13 ROUTE SHIELD	238	24	24	4	INSTALL		1					
SS-04	239	R5-1	DO NOT ENTER	239	36	36	9	INSTALL							
SS-04	240	R5-1A	WRONG WAY	240	36	24	6	INSTALL		1					
SS-04	241	R5-1A	WRONG WAY	241	36	24	6	INSTALL		1					
SS-04	242	R5-1	DO NOT ENTER	242	36	36	9	INSTALL		1					
SS-04	283	W9-2-DE	LAND ENDS	283	36	36	9	INSTALL		1					
SS-05	60	R2-1	SPEED LIMIT (40 MPH)	60	30	36	7.5	INSTALL		1					
SS-05	61A	D3-2-DE1	"WELCOME TO"	61	36	32	8	INSTALL		1					
SS-05	61B	D3-2-DE2	"Rodney Village" (2 Line)	61	36	VARIES		INSTALL							
SS-05	62A		CHEVRON LEFT	62				REMOVE	1						
SS-05	62B		CHEVRON LEFT	62				REMOVE							
SS-05	63A	D3-1-DE	"Charles Polk Rd."	63	VARIES	9		INSTALL							
SS-05	63B	D3-1-DE	"Charles Polk Rd."	63	VARIES	9		INSTALL							
SS-05	63C		"STOP"	63				REPOSITION	1	1					
SS-05	63D	D3-1-DE	"John Clark Rd."	63	VARIES	9		INSTALL							
SS-05	63E	D3-1-DE	"John Clark Rd."	63	VARIES	9		INSTALL							
SS-05	64	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	64	36	30	7.5	INSTALL		1					
SS-05	65	R2-1	SPEED LIMIT (40 MPH)	65	30	36	7.5	INSTALL		1					
SS-05	66	D1-1B	BICYCLE DESTINATION (ONE LINE)	66	VARIES	9		INSTALL				1			
SS-05	67A	R4-7	ISLAND AHEAD, KEEP RIGHT	67	24	30	5	INSTALL		1					
SS-05	68	R6-1L	"ONE WAY" - ARROW TO THE LEFT	68	36	12	3	INSTALL				1			
SS-05	69A	D3-1-DE	"Charles Polk Rd."	69	VARIES	9		INSTALL							
SS-05	69B	D3-1-DE	"S. Saulsbury Rd."	69	VARIES	9		INSTALL							
SS-05	69C	R6-1L	"ONE WAY" - ARROW TO THE LEFT	69	36	12	3	INSTALL							
SS-05	69D	R6-1R	"ONE WAY" - ARROW TO THE RIGHT	69	36	12	3	INSTALL		1					
SS-05	69E	R1-1	"STOP"	69	36	36	9	INSTALL							
SS-05	69D	W16-8P	"Charles Polk Rd."	69	VARIES	9		INSTALL							
SS-05	69E	W16-8P	"Charles Polk Rd."	69	VARIES	9		INSTALL							
SS-05	70A	R4-7	ISLAND AHEAD, KEEP RIGHT	70	24	30	5	INSTALL		1					
SS-05	71A	W11-15	CONBINED BICYCLE / PEDESTRIAN	71	36	36	9	INSTALL		1					
SS-05	71B	W16-7P	DOWNWARD DIAGONAL ARROW	71	24	12	2	INSTALL							
SS-05	72A	W11-15	CONBINED BICYCLE / PEDESTRIAN	72	36	36	9	INSTALL		1					
SS-05	72B	W16-7P	DOWNWARD DIAGONAL ARROW	72	24	12	2	INSTALL							
SS-05	243	R5-1	DO NOT ENTER	243	36	36	9	INSTALL		1					
SS-05	244	R5-1	DO NOT ENTER	244	36	36	9	INSTALL		1					
SS-05	278A	W11-15	CONBINED BICYCLE / PEDESTRIAN	278	36	36	9	INSTALL		1					
SS-05	278B	W16-9P	"AHEAD"	278	24	12	2	INSTALL							
SS-06	73	R3-20-DE	TURN LANE	73	18	18	2.25	INSTALL		1					
SS-06	74A	D3-2-DE1	"WELCOME TO"	74	36	32	8	INSTALL		1					
SS-06	74B	D3-2-DE2	"Rodney Village" (2 Line)	74	36	VARIES		INSTALL							
SS-06	279A	W11-15	CONBINED BICYCLE / PEDESTRIAN	279	36	36	9	INSTALL		1					
SS-06	279B	W16-9P	"AHEAD"	279	24	12	2	INSTALL							
SS-07	75	R2-1	SPEED LIMIT (40 MPH)	75	30	36	7.5	INSTALL		1					
SS-07	76A	W3-3	SIGNAL AHEAD	76	30	30	6.25	INSTALL		1					
SS-07	76B	W16-8P	"Baden Powell Way"	76	VARIES	9		INSTALL							
SS-07	77	R2-1	SPEED LIMIT (40 MPH)	77	30	36	7.5	INSTALL		1					

PERMANENT SIGN SCHEDULE

SHEET NO.	NO.	CODE	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	SIGN DISPOSITION	ITEM 749687 SINGLE POST (EACH) REMOVE	ITEM 749687 SINGLE POST (EACH) INSTALL	ITEM 749690 MULTI POST (SF) REMOVE	ITEM 749690 MULTI POST (SF) INSTALL	ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
SS-08	78	D1-2	DESTINATION GREEN GUIDE (TWO LINE)	78	VARIES	18		INSTALL				1			
SS-08	79	R3-20-DE	TURN LANE	79	18	18	2.25	INSTALL		1					
SS-08	80A	R4-7	ISLAND AHEAD, KEEP RIGHT	80	24	30	5	INSTALL		1					
SS-08	81	R6-1L	"ONE WAY" - ARROW TO THE LEFT	81	36	12	3	INSTALL		1					
SS-08	82A	R4-7	ISLAND AHEAD, KEEP RIGHT	82	24	30	5	INSTALL		1					
SS-08	83	R1-2	"YIELD"	83	36	36	9	INSTALL		1					
SS-08	84	D1-2B	BICYCLE DESTINATION (TWO LINES)	84	VARIES	18		INSTALL				1			
SS-08	85A	M4-5	"TO"	85	24	12	2	INSTALL							
SS-08	85B	M1-5	STATE ROUTE 8	85	24	24	4	INSTALL		1					
SS-08	85C	M6-1L	DIRECTIONAL ARROW (LEFT)	85	21	15	2.1875	INSTALL							
SS-08	86A	M4-5	"TO"	86	24	12	2	INSTALL							
SS-08	86B	M1-4	U.S. 13 ROUTE SHIELD	86	24	24	4	INSTALL		1					
SS-08	86C	M6-1R	DIRECTIONAL ARROW (RIGHT)	86	21	15	2.1875	INSTALL							
SS-08	87	R2-1	SPEED LIMIT (25 MPH)	87	30	36	7.5	INSTALL		1					
SS-08	88	R1-2	"YIELD"	88	36	36	9	INSTALL		1					
SS-08	245A	R6-1L	"ONE WAY" - ARROW TO THE LEFT	245	36	12	3	INSTALL							
SS-08	245B	R6-1R	"ONE WAY" - ARROW TO THE RIGHT	245	36	12	3	INSTALL		1					
SS-08	245C	R6-3A	DIVIDED HIGHWAY CROSSING (T-INTERSECTION)	245	24	18	3	INSTALL							
SS-08	246-1	R5-1	DO NOT ENTER	246	36	36	9	INSTALL		1					
SS-08	246-2	R5-1	DO NOT ENTER	246	36	36	9	INSTALL		1					
SS-08	247-1	R5-1A	WRONG WAY	247	36	24	6	INSTALL		1					
SS-08	247-2	R5-1A	WRONG WAY	247	36	24	6	INSTALL		1					
SS-08	248-1	R5-1	DO NOT ENTER	246	36	36	9	INSTALL		1					
SS-08	248-2	R5-1	DO NOT ENTER	246	36	36	9	INSTALL		1					
SS-09	89	R2-1	SPEED LIMIT (40 MPH)	89	30	36	7.5	INSTALL		1					
SS-09	90	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	90	36	30	7.5	INSTALL		1					
SS-09	91	D1-1B	BICYCLE DESTINATION (ONE LINE)	91	VARIES	9		INSTALL				1			
SS-09	92	D1-2	DESTINATION GREEN GUIDE (TWO LINE)	92	VARIES	18		INSTALL				1			
SS-09	249-1	R5-1A	WRONG WAY	249	36	24	6	INSTALL		1					
SS-09	249-2	R5-1A	WRONG WAY	249	36	24	6	INSTALL		1					
SS-09	250A	W3-3	SIGNAL AHEAD	250	30	30	6.25	INSTALL		1					
SS-09	250B	W16-8P	"Baden Powell Way"	250	VARIES	9		INSTALL							
SS-10	93A	W2-2L	SIDE RODE (PERPENDICULAR - LEFT)	93	30	30	6.25	INSTALL		1					
SS-10	93B	W16-8P	"Baden Powell Way"	93	VARIES	9		INSTALL							
SS-11	95	R2-1	SPEED LIMIT (40 MPH)	95	30	36	7.5	INSTALL		1					
SS-11	96	D1-2	DESTINATION GREEN GUIDE (TWO LINE)	96	VARIES	18		INSTALL				1			
SS-11	97	R3-20-DE	TURN LANE	97	18	18	2.25	INSTALL		1					
SS-12	98A	R4-7	ISLAND AHEAD, KEEP RIGHT	98	24	30	5	INSTALL		1					
SS-12	99A	D3-1-DE	"ROADWAY NAME TO BE DETERMINED"	99	VARIES	9		INSTALL							
SS-12	99B	D3-1-DE	"ROADWAY NAME TO BE DETERMINED"	99	VARIES	9		INSTALL							
SS-12	99C	D3-1-DE	"S. Saulsbury Rd."	99	VARIES	9		INSTALL							
SS-12	99D	D3-1-DE	"S. Saulsbury Rd."	99	VARIES	9		INSTALL		1					
SS-12	99E	R6-1L	"ONE WAY" - ARROW TO THE LEFT	99	36	12	3	INSTALL							
SS-12	99F	R6-1R	"ONE WAY" - ARROW TO THE RIGHT	99	36	12	3	INSTALL							
SS-12	99G	R1-1	"STOP"	99	36	36	9	INSTALL							
SS-12	100A	R4-7	ISLAND AHEAD, KEEP RIGHT	100	24	30	5	INSTALL		1					
SS-12	101	D1-1B	BICYCLE DESTINATION (ONE LINE)	101	VARIES	9		INSTALL				1			
SS-12	102	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	102	36	30	7.5	INSTALL		1					
SS-12	103	R1-2	"YIELD"	103	36	36	9	INSTALL		1					
SS-12	104	D1-2B	BICYCLE DESTINATION (TWO LINES)	104	VARIES	18		INSTALL				1			
SS-12	105	R1-2	"YIELD"	105	36	36	9	INSTALL		1					
SS-12	106A	M4-5	"TO"	106	24	12	2	INSTALL							
SS-12	106B	M1-5	STATE ROUTE 8	106	24	24	4	INSTALL		1					
SS-12	106C	M6-1L	DIRECTIONAL ARROW (LEFT)	106	21	15	2.1875	INSTALL							
SS-12	107A	M4-5	"TO"	107	24	12	2	INSTALL		1					
SS-12	107B	M1-4	U.S. 13 ROUTE SHIELD	107	24	24	4	INSTALL							
SS-12	107C	M6-1R	DIRECTIONAL ARROW (RIGHT)	107	21	15	2.1875	INSTALL		1					
SS-12	251-1	R5-1A	WRONG WAY	251	36	24	6	INSTALL		1					
SS-12	251-2	R5-1A	WRONG WAY	251	36	24	6	INSTALL		1					
SS-12	252-1	R5-1	DO NOT ENTER	252	36	36	9	INSTALL		1					
SS-12	252-2	R5-1	DO NOT ENTER	252	36	36	9	INSTALL		1					
SS-12	253A	R6-1L	"ONE WAY" - ARROW TO THE LEFT	253	36	12	3	INSTALL							
SS-12	253B	R6-1R	"ONE WAY" - ARROW TO THE RIGHT	253	36	12	3	INSTALL		1					
SS-12	253C	R1-1	"STOP"	253	36	36	9	INSTALL							
SS-12	253D	R6-3A	DIVIDED HIGHWAY CROSSING (T-INTERSECTION)	253	24	18	3	INSTALL							
SS-12	256-1	R5-1	DO NOT ENTER	256	36	36	9	INSTALL		1					
SS-12	256-2	R5-1	DO NOT ENTER	256	36	36	9	INSTALL		1					
SS-12	257-1	R5-1A	WRONG WAY	257	36	24	6	INSTALL		1					
SS-12	257-2	R5-1A	WRONG WAY	257	36	24	6	INSTALL		1					
SS-13	108	R2-1	SPEED LIMIT (40 MPH)	108	30	36	7.5	INSTALL		1					
SS-13	109A	M4-5	"TO"	109	24	12	2	INSTALL							
SS-13	109B	M1-4	U.S. 13 ROUTE SHIELD	109	24	24	4	INSTALL		1					
SS-13	109C	M6-3	DIRECTIONAL ARROW (THRU)	109	21	15	2.1875	INSTALL							
SS-13	110	D1-2	DESTINATION GREEN GUIDE (TWO LINE)	110	VARIES	18		INSTALL				1			
SS-14	111	R2-1	SPEED LIMIT (40 MPH)	111	30	36	7.5	INSTALL		1					
SS-14	112	R2-1	SPEED LIMIT (40 MPH)	112	30	36	7.5	INSTALL		1					
SS-19	114	W8-13	"BRIDGE ICES BEFORE ROAD"	114	36	36	9	INSTALL		1					
SS-19	115	R2-1	SPEED LIMIT (40 MPH)	115	30	36	7.5	INSTALL		1					

PERMANENT SIGN SCHEDULE

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SS-21	116	D1-1B	BICYCLE DESTINATION (ONE LINE)	116	VARIES	9		INSTALL				1			
SS-21	117A	D3-2-DE1	"WELCOME TO"	117	36	32	8	INSTALL		1					
SS-21	117B	D3-2-DE2	DEVELOPMENT NAME	117	36	VARIES		INSTALL							
SS-21	118	R2-1	SPEED LIMIT (40 MPH)	118	30	36	7.5	INSTALL		1					
SS-21	119	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	119	36	30	7.5	INSTALL		1					
SS-21	120	D1-1B	BICYCLE DESTINATION (ONE LINE)	120	VARIES	9		INSTALL				1			
SS-21	121A	R4-7	ISLAND AHEAD, KEEP RIGHT	121	24	30	5	INSTALL		1					
SS-21	122A	W11-15	CONBINED BICYCLE / PEDESTRIAN	122	36	36	9	INSTALL		1					
SS-21	122B	W16-7P	DOWNWARD DIAGONAL ARROW	122	24	12	2	INSTALL							
SS-21	123A	W11-15	COMBINED BICYCLE / PEDESTRIAN	123	36	36	9	INSTALL		1					
SS-21	123B	W16-7P	DOWNWARD DIAGONAL ARROW	123	24	12	2	INSTALL							
SS-21	125A	W1-7	DOUBLE ARROW FOR "T" INTERSECTION	125	48	24	8	INSTALL				1			
SS-21	125B	OM4-3	TYPE 4 OBJECT MARKER (END OF ROAD)	125	18	18	2.25	INSTALL							
SS-21	125C	OM4-3	TYPE 4 OBJECT MARKER (END OF ROAD)	125	18	18	2.25	INSTALL							
SS-21	126A	D3-1-DE	"S. Saulsbury Rd."	126	VARIES	9		INSTALL							
SS-21	126B	D3-1-DE	"S. Saulsbury Rd."	126	VARIES	9		INSTALL							
SS-21	126C	R6-1L	"ONE WAY" - ARROW TO THE LEFT	126	36	12	3	INSTALL		1					
SS-21	126D	R6-1R	"ONE WAY" - ARROW TO THE RIGHT	126	36	12	3	INSTALL							
SS-21	126E	R1-1	"STOP"	126	36	36	9	INSTALL							
SS-21	126F	R6-3A	DIVIDED HIGHWAY CROSSING (T-INTERSECTION)	126	24	18	3	INSTALL							
SS-21	127A	R4-7	ISLAND AHEAD, KEEP RIGHT	127	24	30	5	INSTALL		1					
SS-21	258-1	R5-1	DO NOT ENTER	258	36	36	9	INSTALL		1					
SS-21	258-2	R5-1	DO NOT ENTER	258	36	36	9	INSTALL		1					
SS-21	259	R5-1	DO NOT ENTER	259	36	36	9	INSTALL		1					
SS-21	280A	W11-15	COMBINED BICYCLE / PEDESTRIAN	280	36	36	9	INSTALL		1					
SS-21	280B	W16-9P	"AHEAD"	280	24	12	2	INSTALL							
SS-22	128	D4-3-DE	BUS STOP (DART)	128	12	18	1.5	INSTALL		1					
SS-22	129	R3-20-DE	TURN LANE	129	18	18	2.25	INSTALL		1					
SS-22	130A	D3-2-DE1	"WELCOME TO"	130	36	32	8	INSTALL		1					
SS-22	130B	D3-2-DE2	"Eden Hill" (2 Line)	130	36	VARIES		INSTALL							
SS-22	131A	D3-2-DE1	"WELCOME TO"	131	36	32	8	INSTALL		1					
SS-22	131B	D3-2-DE2	"Eden Hill" (2 Line)	131	36	VARIES		INSTALL							
SS-22	132A	R3-2	NO LEFT TURN - SYMBOL	132	36	36	9	INSTALL		1					
SS-22	132B	R3-4	NO U-TURN - SYMBOL	132	36	36	9	INSTALL							
SS-22	133A	R6-1R	"ONE WAY" - ARROW TO THE RIGHT	133	54	18	6.75	INSTALL		1					
SS-22	133B	R5-1	"DO NOT ENTER"	133	36	36	9	INSTALL							
SS-22	134		"ROAD CLOSED"	134			0	REMOVE	1						
SS-22	135A-1	R4-7	ISLAND AHEAD, KEEP RIGHT	135	24	30	5	INSTALL		1					
SS-22	135A-2	R4-7	ISLAND AHEAD, KEEP RIGHT	135	24	30	5	INSTALL		1					
SS-22	135B-2	OM1-3	TYPE 1 OBJECT MARKER	135	18	18	2.25	INSTALL							
SS-22	136A	D3-1-DE	"S. Greenberry Ln."	136	VARIES	9		INSTALL							
SS-22	136B	D3-1-DE	"S. Greenberry Ln."	136	VARIES	9		INSTALL							
SS-22	136C	D3-1-DE	"S. Saulsbury Rd."	136	VARIES	9		INSTALL							
SS-22	136D	D3-1-DE	"S. Saulsbury Rd."	136	VARIES	9		INSTALL		1					
SS-22	136E	R6-1L	"ONE WAY" - ARROW TO THE LEFT	136	36	12	3	INSTALL							
SS-22	136F	R6-1R	"ONE WAY" - ARROW TO THE RIGHT	136	36	12	3	INSTALL							
SS-22	136G	R1-1	"STOP"	136	36	36	9	INSTALL							
SS-22	136H	R3-2	NO LEFT TURN - SYMBOL	136	36	36	9	INSTALL							
SS-22	260	R5-1	DO NOT ENTER	260	36	36	9	INSTALL		1					
SS-22	281A	W11-15	CONBINED BICYCLE / PEDESTRIAN	281	36	36	9	INSTALL		1					
SS-22	281B	W16-9P	"AHEAD"	281	24	12	2	INSTALL							
SS-23	137A	M3-3	"SOUTH"	137	24	12	2	INSTALL							
SS-23	137B	M1-5	STATE ROUTE 15	137	24	24	4	INSTALL		1					
SS-23	137C	M5-1L	ADVANCE DIRECTIONAL ARROW (LEFT)	137	21	15	2.1875	INSTALL							
SS-23	138A	M3-1	"NORTH"	138	24	12	2	INSTALL							
SS-23	138B	M1-5	STATE ROUTE 15	138	24	24	4	INSTALL		1					
SS-23	138C	M6-3	DIRECTIONAL ARROW (THRU)	138	21	15	2.1875	INSTALL							
SS-23	139A	M4-5	"TO"	139	24	12	2	INSTALL							
SS-23	139B	M1-5	STATE ROUTE 8	139	24	24	4	INSTALL		1					
SS-23	139C	M6-3	DIRECTIONAL ARROW (THRU)	139	21	15	2.1875	INSTALL							
SS-23	140	R3-20-DE	TURN LANE	140	18	18	2.25	INSTALL		1					
SS-23	141	W4-2R	ROAD NARROWS, MERGE RIGHT - SYMBOL	141	36	36	9	INSTALL		1					
SS-23	142	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	142	36	30	7.5	INSTALL		1					
SS-23	143A	D3-2-DE1	"WELCOME TO"	143	36	32	8	INSTALL		1					
SS-23	143B	D3-2-DE2	"Eden Hill" (2 Line)	143	36	VARIES		INSTALL							
SS-23	144	D4-3-DE	BUS STOP (DART)	144	12	18	1.5	INSTALL		1					
SS-23	145	R3-20-DE	TURN LANE	145	18	18	2.25	INSTALL		1					
SS-23	146	D1-1B	BICYCLE DESTINATION (ONE LINE)	146	VARIES	9		INSTALL				1			
SS-23	147	W9-2R	"LANE ENDS MERGE RIGHT"	147	36	36	9	INSTALL		1					
SS-23	282A	W3-3	SIGNAL AHEAD	282	36	36	9	INSTALL		1					
SS-23	282B	W16-8P	"North St."	282	VARIES	9		INSTALL							

PERMANENT SIGN SCHEDULE

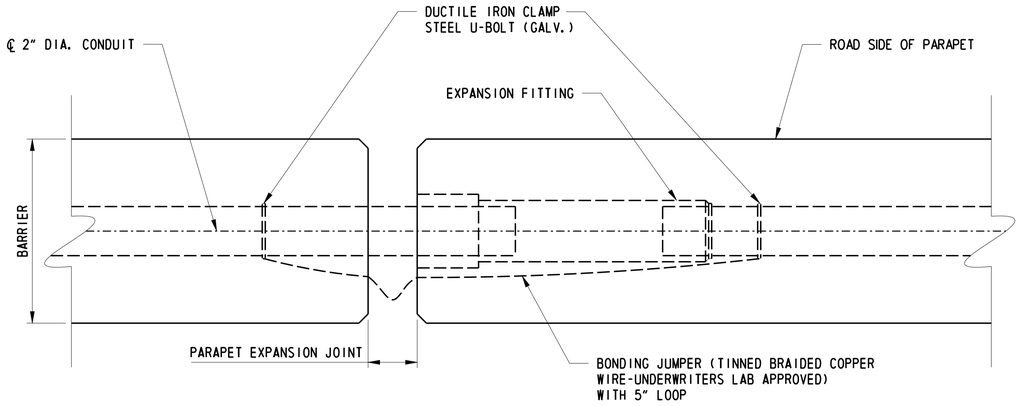
SHEET NO.	NO.	CODE	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	SIGN DISPOSITION	ITEM 749687 SINGLE POST (EACH)		ITEM 749690 MULTI POST (SF)		ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
									REMOVE	INSTALL	REMOVE	INSTALL			
SS-24	148A		"NORTH"	148				REPOSITION							
SS-24	148B		STATE ROUTE 15	148				REPOSITION	1	1					
SS-24	148C		DIRECTIONAL ARROW (LEFT)	148				REPOSITION							
SS-24	149A	W11-1	BICYCLES SYMBOL	149	30	30	6.25	INSTALL		1					
SS-24	150A		"SOUTH"	150				REPOSITION	1	1					
SS-24	150B		STATE ROUTE 15	150				REPOSITION							
SS-24	151A	M3-3	"SOUTH"	151	24	12	2	INSTALL							
SS-24	151B	M1-5	STATE ROUTE 15	151	24	24	4	INSTALL		1					
SS-24	151C	M6-1L	DIRECTIONAL ARROW (LEFT)	151	21	15	2.1875	INSTALL							
SS-24	152A	M3-1	"NORTH"	152	24	12	2	INSTALL							
SS-24	152B	M1-5	STATE ROUTE 15	152	24	24	4	INSTALL		1					
SS-24	152C	M6-3	DIRECTIONAL ARROW (THRU)	152	21	15	2.1875	INSTALL							
SS-24	153A	M4-5	"TO"	153	24	12	2	INSTALL							
SS-24	153B	M1-5	STATE ROUTE 8	153	24	24	4	INSTALL		1					
SS-24	153C	M6-3	DIRECTIONAL ARROW (THRU)	153	21	15	2.1875	INSTALL							
SS-24	154	R1-2	"YIELD"	154	36	36	9	INSTALL		1					
SS-24	155A-1	R4-7	ISLAND AHEAD, KEEP RIGHT	155	24	30	5	INSTALL		1					
SS-24	155A-2	R4-7	ISLAND AHEAD, KEEP RIGHT	155	24	30	5	INSTALL		1					
SS-24	157A	R4-7	ISLAND AHEAD, KEEP RIGHT	157	24	30	5	INSTALL		1					
SS-24	158	R1-2	"YIELD"	158	36	36	9	INSTALL		1					
SS-24	159A	R4-7	ISLAND AHEAD, KEEP RIGHT	159	24	30	5	INSTALL		1					
SS-24	160	R1-2	"YIELD"	160	36	36	9	INSTALL		1					
SS-24	161A	M3-3	"SOUTH"	161	24	12	2	INSTALL							
SS-24	161B	M1-5	STATE ROUTE 15	161	24	24	4	INSTALL		1					
SS-24	161C	M6-1R	DIRECTIONAL ARROW (RIGHT)	161	21	15	2.1875	INSTALL							
SS-24	162	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	162	36	30	7.5	INSTALL		1					
SS-24	163A	R4-7	ISLAND AHEAD, KEEP RIGHT	163	24	30	5	INSTALL		1					
SS-24	164	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	164	36	30	7.5	INSTALL		1					
SS-24	165A	M3-3	"SOUTH"	165	24	12	2	INSTALL							
SS-24	165B	M1-5	STATE ROUTE 15	165	24	24	4	INSTALL		1					
SS-24	165C	M6-3	DIRECTIONAL ARROW (THRU)	165	21	15	2.1875	INSTALL							
SS-24	166A	M3-1	"NORTH"	166	24	12	2	INSTALL							
SS-24	166B	M1-5	STATE ROUTE 15	166	24	24	4	INSTALL		1					
SS-24	166C	M6-1R	DIRECTIONAL ARROW (RIGHT)	166	21	15	2.1875	INSTALL							
SS-24	167A	M4-5	"TO"	167	24	12	2	INSTALL							
SS-24	167B	M1-5	STATE ROUTE 8	167	24	24	4	INSTALL		1					
SS-24	167C	M6-1R	DIRECTIONAL ARROW (RIGHT)	167	21	15	2.1875	INSTALL							
SS-24	168		"PRIVATE PROPERTY NO TRESSPASSING"	168				REMOVE	1						
SS-24	169A	W11-1	BICYCLES SYMBOL	169	30	30	6.25	INSTALL		1					
SS-24	170		"PRIVATE PROPERTY NO TRESSPASSING"	170				REMOVE	1						
SS-24	171		"PRIVATE PROPERTY NO TRESSPASSING"	171				REMOVE	1						
SS-24	172		"YIELD"	172				REPOSITION	1	1					
SS-24	173		"PRIVATE PROPERTY NO TRESSPASSING"	173				REMOVE	1						
SS-24	174A	M3-1	"NORTH"	174	24	12	2	INSTALL		1					
SS-24	174B	M1-5	STATE ROUTE 15	174	24	24	4	INSTALL							
SS-24	175		"PRIVATE PROPERTY NO TRESSPASSING"	175				REMOVE	1						
SS-24	176	R3-7L	"LEFT LANE MUST TURN LEFT"	176	36	36	9	INSTALL		1					
SS-24	177A		"STOP"	177				REPOSITION	1	1					
SS-24	177B	R6-3A	DIVIDED HIGHWAY CROSSING (T-INTERSECTION)	126				REPOSITION							
SS-24	178A		SIGNAL AHEAD	178				REMAIN							
SS-24	178B		"NO STOPPING, STANDING OR PARKING"	178				REMAIN							
SS-24	178-1		"EDEN HILL / RYAN HOMES"	178-1				REMOVE	1						
SS-24	178-2		(POST ONLY)	178-2				REMOVE	1						
SS-24	178-3		"JOHN W. COLLETTE EDUCATION CENTER"	178-3				REMOVE			1				
SS-24	178-4		"PRIVATE PROPERTY NO TRESSPASSING"	178-4				REMOVE	1						
SS-24	261A	M4-5	"TO"	261	24	12	2	INSTALL							
SS-24	261B	M1-4	US ROUTE 13	261	24	24	4	INSTALL		1					
SS-24	261C	M6-3	DIRECTIONAL ARROW (UP)	261	21	15	2.1875	INSTALL							
SS-24	262	R5-1	DO NOT ENTER	262	36	36	9	INSTALL		1					
SS-24	263	R5-1	DO NOT ENTER	263	36	36	9	INSTALL		1					
SS-25	179A		SIGNAL AHEAD	179				REPOSITION							
SS-25	179B		"North St."	179				REPOSITION	1	1					
SS-25	179C		"NO STOPPING, STANDING OR PARKING"	179				REPOSITION							
SS-25	180	R3-7L	"LEFT LANE MUST TURN LEFT"	180	36	36	9	INSTALL		1					
SS-25	181A	M3-1	"NORTH"	181	24	12	2	REMAIN							
SS-25	181B		STATE ROUTE 15	181				REMAIN							
SS-25	181C		"NO STOPPING, STANDING OR PARKING"	181				REMAIN							
SS-25	182	R3-7L	"LEFT LANE MUST TURN LEFT"	182	36	36	9	INSTALL		1					
SS-25	183		LEFT TURNING MOVEMENT "ONLY"	183				REMAIN							
SS-25	184		RIGHT TURNING MOVEMENT "ONLY"	184				REMAIN							
SS-25	185A		ISLAND AHEAD, KEEP RIGHT	185				REMAIN							

PERMANENT SIGN SCHEDULE

SHEET NO.	NO.	CODE	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	SIGN DISPOSITION	ITEM 749687 SINGLE POST (EACH) REMOVE	ITEM 749687 SINGLE POST (EACH) INSTALL	ITEM 749690 MULTI POST (SF) REMOVE	ITEM 749690 MULTI POST (SF) INSTALL	ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
SS-25	186		"NO STOPPING, STANDING OR PARKING"	186			0	REMAIN							
SS-25	186-2		"STOP HERE ON RED"	186-2				REMAIN							
SS-25	264A	M3-3	"SOUTH"	264	24	12	2	INSTALL							
SS-25	264B	M1-5	STATE ROUTE 15	264	24	24	4	INSTALL		1					
SS-25	264C	M6-1R	DIRECTIONAL ARROW (RIGHT)	264	21	15	2.1875	INSTALL							
SS-25	265A	R4-7	ISLAND AHEAD, KEEP RIGHT	265	24	30	5	INSTALL		1					
SS-26	187		DIVIDED HIGHWAY ROAD	187			0	REMAIN							
SS-26	188	W6-3	2-WAY TRAFFIC SYMBOL	188	36	36	9	RENEW	1	1					
SS-26	189A		SIGNAL AHEAD	189			0	REMAIN							
SS-26	189B	W16-8aP	DESTINATION GUIDE (TWO LINE)	189	VAIRES	18		REMAIN							
SS-26	190		DIVIDED HIGHWAY ENDS	190			0	REPOSITION	1	1					
SS-26	191A		ISLAND AHEAD, KEEP RIGHT	191			0	REMOVE	1						
SS-26	191B		TYPE 1 OBJECT MARKER	191				REMAIN							
SS-26	192A		ISLAND AHEAD, KEEP RIGHT	192			0	REPOSITION	1	1					
SS-26	192B		TYPE 1 OBJECT MARKER	192				REPOSITION							
SS-26	193		SPEED LIMIT (35 MPH)	193			0	REPOSITION	1	1					
SS-26	194	R3-20-DE	TURN LANE	194	18	18	2.25	INSTALL		1					
SS-26	195	R3-20-DE	TURN LANE	195	18	18	2.25	INSTALL		1					
SS-26	266	R6-1L	"ONE WAY" - ARROW TO THE LEFT	266	36	12	3	INSTALL		1					
SS-26	267A	R1-1	"STOP"	126	36	36	9	INSTALL		1					
SS-26	267B	R6-3A	DIVIDED HIGHWAY CROSSING (T-INTERSECTION)	126	24	18	3	INSTALL							
SS-26	268A	M3-1	"NORTH"	264	24	12	2	INSTALL							
SS-26	268B	M1-5	STATE ROUTE 15	264	24	24	4	INSTALL		1					
SS-26	268C	M5-1L	ADVANCED DIRECTIONAL ARROW (LEFT)	264	21	15	2.1875	INSTALL							
SS-27	196		"RIGHT LANE ENDS"	196			0	REMOVE	1						
SS-27	197		"STOP"	197			0	REMOVE	1						
SS-27	198		LANE ENDS	198			0	REMOVE							
SS-27	199		"STOP"	199			0	REMAIN							
SS-27	200	R3-7R	"RIGHT LANE MUST TURN RIGHT"	200	36	36	9	INSTALL		1					
SS-27	201		SPEED LIMIT (35 MPH)	201			0	REMAIN							
SS-27	202		SPEED LIMIT (35 MPH)	202			0	REMAIN							
SS-27	203A		SIGNAL AHEAD	203			0	REMAIN							
SS-27	203B	W16-8aP	DESTINATION GUIDE (TWO LINE)	203	VARIES	18		REMAIN							
SS-27	204		WATCH FOR CHILDREN	204			0	REMOVE	1						
SS-27	205		"STOP"	205			0	REMAIN							
SS-27	206	R3-7R	"RIGHT LANE MUST TURN RIGHT"	206	36	36	9	INSTALL		1					
SS-27	207	R3-7R	"RIGHT LANE MUST TURN RIGHT"	207	36	36	9	INSTALL		1					
SS-27	269A	R4-7	ISLAND AHEAD, KEEP RIGHT	269	24	30	5	INSTALL		1					
SS-28	208	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	208	36	30	7.5	INSTALL		1					
SS-28	209A	M4-5	"TO"	209	24	12	2	INSTALL							
SS-28	209B	M1-5	STATE ROUTE 8	209	24	24	4	INSTALL		1					
SS-28	209C	M6-1L	DIRECTIONAL ARROW (LEFT)	209	21	15	2.1875	INSTALL							
SS-28	210A	M4-5	"TO"	210	24	12	2	INSTALL							
SS-28	210B	M1-4	U.S. 13 ROUTE SHIELD	210	24	24	4	INSTALL		1					
SS-28	210C	M6-1R	DIRECTIONAL ARROW (RIGHT)	210	21	15	2.1875	INSTALL							
SS-28	211	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	211	36	30	7.5	INSTALL		1					
SS-28	212	R2-1	SPEED LIMIT (30 MPH)	212	30	36	7.5	INSTALL		1					
SS-28	270A	W3-3	SIGNAL AHEAD	270	30	30	6.25	INSTALL		1					
SS-28	270B	W16-8P	"Wyoming Mill Rd."	270	VARIES	9		INSTALL							
SS-28	271A	W3-3	SIGNAL AHEAD	271	30	30	6.25	INSTALL		1					
SS-28	271B	W16-8P	"S. Saulsbury Rd."	271	VARIES	9		INSTALL							
SS-29	213	D1-2	DESTINATION GREEN GUIDE (TWO LINE)	213	VARIES	18		INSTALL				1			
SS-29	214A	W1-7	DOUBLE ARROW FOR "T" INTERSECTION	214	48	24	8	INSTALL				1			
SS-29	214B	OM4-3	TYPE 4 OBJECT MARKER (END OF ROAD)	214	18	18	2.25	INSTALL							
SS-29	214C	OM4-3	TYPE 4 OBJECT MARKER (END OF ROAD)	214	18	18	2.25	INSTALL							
SS-29	215	R2-1	SPEED LIMIT (30 MPH)	215	30	36	7.5	INSTALL		1					
SS-29	216	D1-2B	BICYCLE DESTINATION (TWO LINES)	216	VARIES	18		INSTALL				1			
SS-29	217A	D3-1-DE	"ROADWAY NAME TO BE DETERMINED"	217	VARIES	9		INSTALL							
SS-29	217B	D3-1-DE	"ROADWAY NAME TO BE DETERMINED"	217	VARIES	9		INSTALL							
SS-29	217C	D3-1-DE	"Wyoming Mill Rd."	217	VARIES	9		INSTALL		1					
SS-29	217D	D3-1-DE	"Wyoming Mill Rd."	217	VARIES	9		INSTALL							
SS-29	217E	R1-1	"STOP"	217	36	36	9	INSTALL							
SS-29	218	R1-2	"YIELD"	218	36	36	9	INSTALL		1					
SS-29	272A	W2-2R	SIDE ROAD (PERPENDICULAR RIGHT)	272	30	30	6.25	INSTALL		1					
SS-29	272B	W16-8P	"ROADWAY NAME TO BE DETERMINED"	272	VARIES	9		INSTALL							
SS-29	285	R4-4-DE	"RIGHT TURN YIELD TO BIKES"	285	36	30	7.5	INSTALL		1					
SS-30	219	D1-3	DESTINATION GREEN GUIDE (THREE LINE)	219	VARIES	27		INSTALL				1			
SS-30	273A	W2-2L	SIDE ROAD (PERPENDICULAR LEFT)	273	30	30	6.25	INSTALL		1					
SS-30	273B	W16-8P	"ROADWAY NAME TO BE DETERMINED"	273	VARIES	9		INSTALL							
SS-31	220	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	220	36	30	7.5	INSTALL		1					
SS-31	221A	M4-5	"TO"	221	24	12	2	INSTALL							
SS-31	221B	M1-4	U.S. 13 ROUTE SHIELD	221	24	24	4	INSTALL		1					
SS-31	221C	M6-1R	DIRECTIONAL ARROW (RIGHT)	221	21	15	2.1875	INSTALL							
SS-31	222A	M4-5	"TO"	222	24	12	2	INSTALL							
SS-31	222B	M1-5	STATE ROUTE 8	222	24	24	4	INSTALL		1					
SS-31	222C	M6-1L	DIRECTIONAL ARROW (LEFT)	222	21	15	2.1875	INSTALL							
SS-31	274A	W3-3	SIGNAL AHEAD	274	30	30	6.25	INSTALL		1					
SS-31	274B	W16-8P	"S. Saulsbury Rd."	274	VARIES	9		INSTALL							
SS-31	284A	W1-7	DOUBLE ARROW FOR "T" INTERSECTION	284	48	24	8	INSTALL							
SS-31	284B	OM4-3	TYPE 4 OBJECT MARKER (END OF ROAD)	284	18	18	2.25	INSTALL				1			
SS-31	284C	OM4-3	TYPE 4 OBJECT MARKER (END OF ROAD)	284	18	18	2.25	INSTALL							

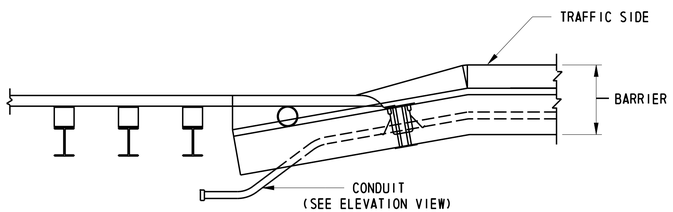
PERMANENT SIGN SCHEDULE

SHEET NO.	NO.	CODE	DESCRIPTION	ASSEMBLY NO.	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	SIGN AREA (SF)	SIGN DISPOSITION	ITEM 749687 SINGLE POST (EACH)		ITEM 749690 MULTI POST (SF)		ITEM 749688 4" HOLE, 0-6" (EACH)	ITEM 749689 4" HOLE, >6" (EACH)	REMARKS
									REMOVE	INSTALL	REMOVE	INSTALL			
SS-32	223	R2-1	SPEED LIMIT (25 MPH)	224	30	36	7.5	INSTALL		1					
SS-32	224	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	225	36	30	7.5	INSTALL		1					
SS-32	225	D1-2B	BICYCLE DESTINATION (TWO LINES)	226	VARIES	18		INSTALL				1			
SS-32	226A	D3-1-DE	"Baden Powell Way"	227	VARIES	9		INSTALL							
SS-32	226B	D3-1-DE	"Baden Powell Way"	227	VARIES	9		INSTALL							
SS-32	226C	D3-1-DE	"New Burton Rd."	227	VARIES	9		INSTALL		1					
SS-32	226D	D3-1-DE	"New Burton Rd."	227	VARIES	9		INSTALL							
SS-32	226E	R1-1	"STOP"	227	36	36	9	INSTALL							
SS-32	227	R1-2	"YIELD"	228	36	36	9	INSTALL		1					
SS-32	228	R1-2	"YIELD"	229	36	36	9	INSTALL		1					
SS-32	229A	W1-7	DOUBLE ARROW FOR "T" INTERSECTION	230	48	24	8	INSTALL							
SS-32	229B	OM4-3	TYPE 4 OBJECT MARKER (END OF ROAD)	230	18	18	2.25	INSTALL				1			
SS-32	229C	OM4-3	TYPE 4 OBJECT MARKER (END OF ROAD)	230	18	18	2.25	INSTALL							
SS-32	275A	W3-1	STOP AHEAD	275	18	18	2.25	INSTALL		1					
SS-32	275B	W16-8P	"New Burton Rd."	275	VARIES	9		INSTALL							
SS-33	230	R4-4	"BEGIN RIGHT TURN, YIELD TO BIKES"	231	36	30	7.5	INSTALL		1					
SS-33	231	D1-1	DESTINATION GREEN GUIDE (ONE LINE)	232	VARIES	9		INSTALL		1					
SS-33	276A	W2-2R	SIDE ROAD (PERPENDICULAR RIGHT)	276	30	30	6.25	INSTALL		1					
SS-33	276B	W16-8P	"Baden Powell Way"	276	VARIES	9		INSTALL							

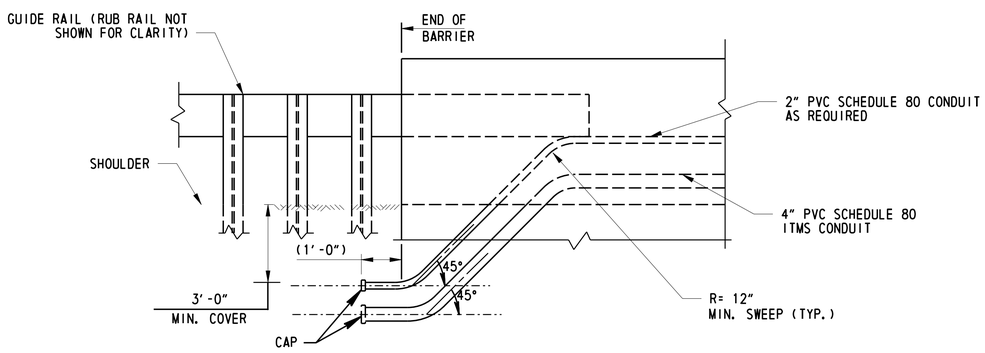


EXPANSION JOINT FOR CONDUIT IN PARAPET

NOT TO SCALE



PLAN VIEW

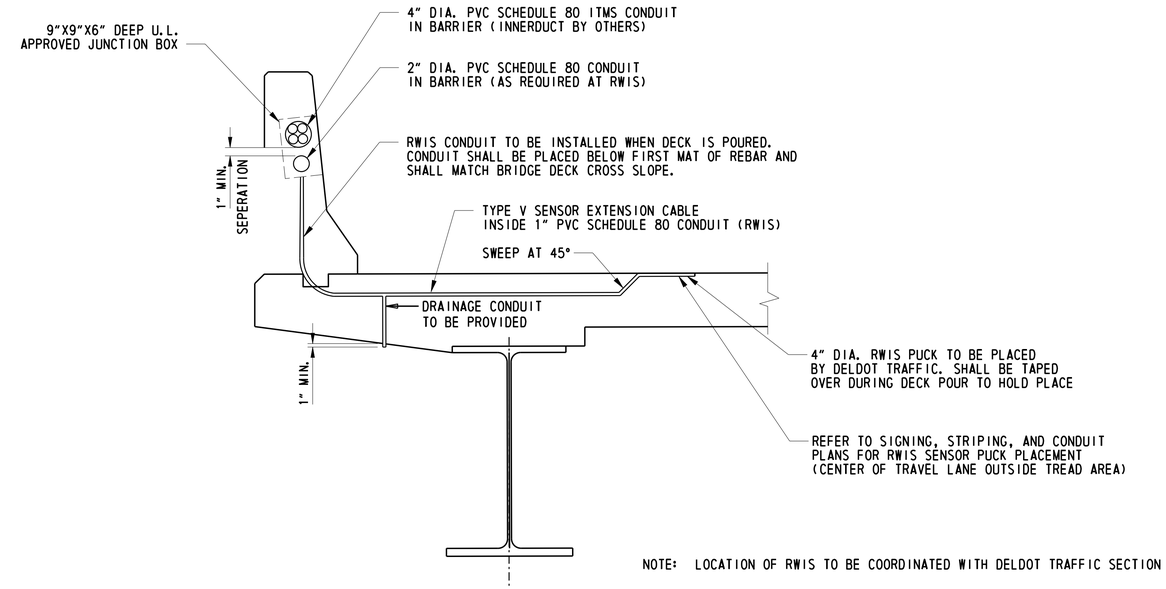


ELEVATION VIEW

NOTE: LOCATION OF ROADWAY LIGHTING CONDUITS NOT SHOWN.

CONDUIT DETAILS AT END OF BRIDGE

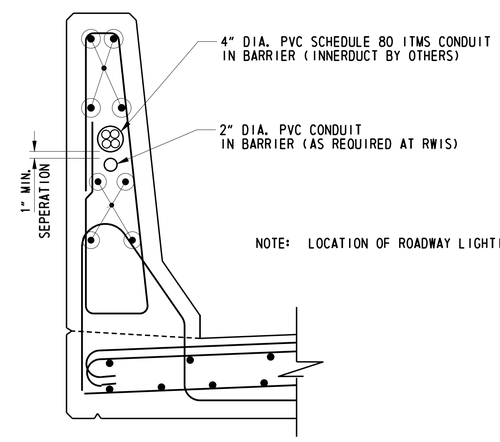
NOT TO SCALE



NOTE: LOCATION OF RWIS TO BE COORDINATED WITH DELDOT TRAFFIC SECTION

TYPICAL SECTION OF RWIS CONDUIT IN BARRIER

NOT TO SCALE



NOTE: LOCATION OF ROADWAY LIGHTING CONDUITS NOT SHOWN.

ITMS CONDUIT PLACEMENT IN BARRIER (TYPICAL)

NOT TO SCALE

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	WEST DOVER CONNECTOR	CONTRACT T200411701 / COUNTY KENT	BRIDGE NO. 2-156, 2-157 / DESIGNED BY: CD / CHECKED BY: HR	CONSTRUCTION DETAILS	SHEET NO. 313 / TOTAL SHTS. 320

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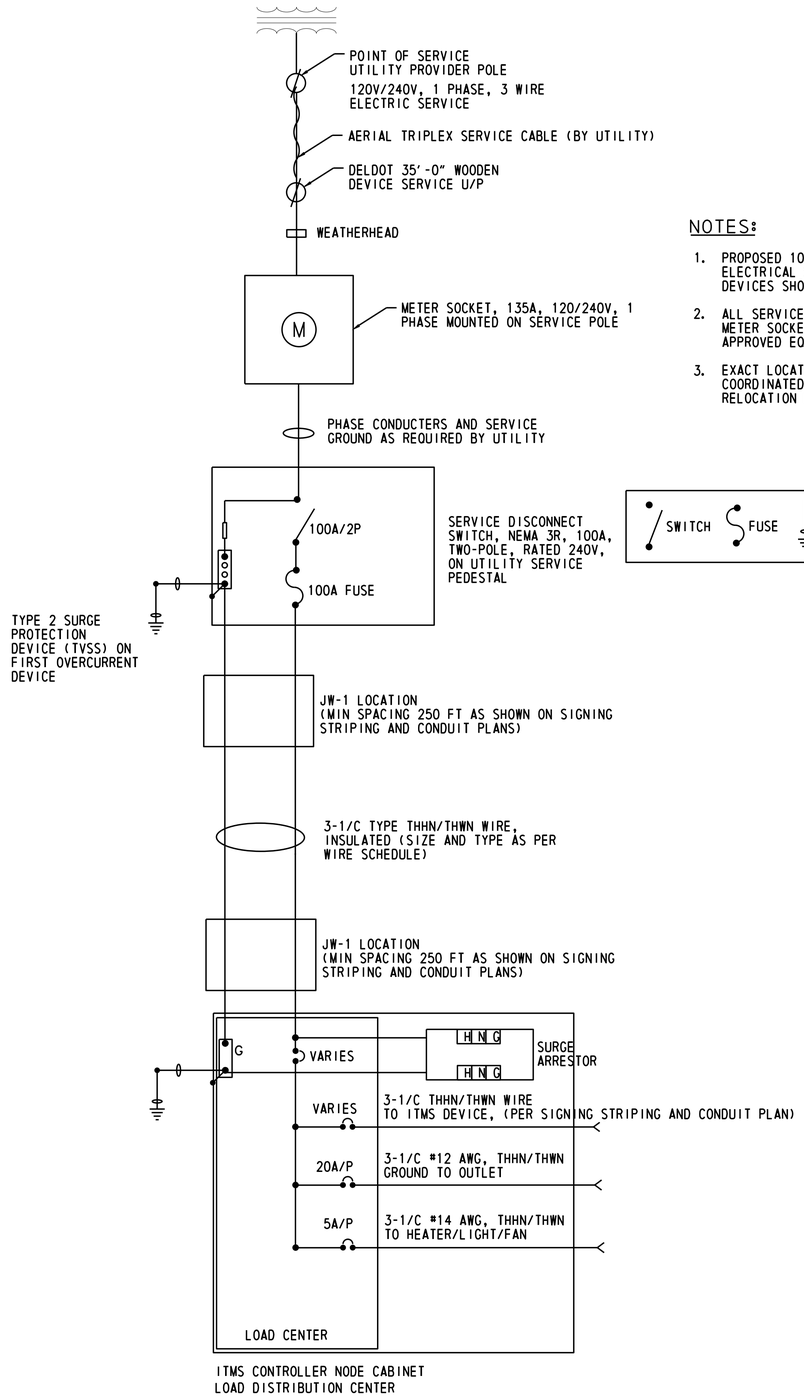
4/3/2014



TYPICAL ITMS DEVICE ELECTRICAL SERVICE DETAIL

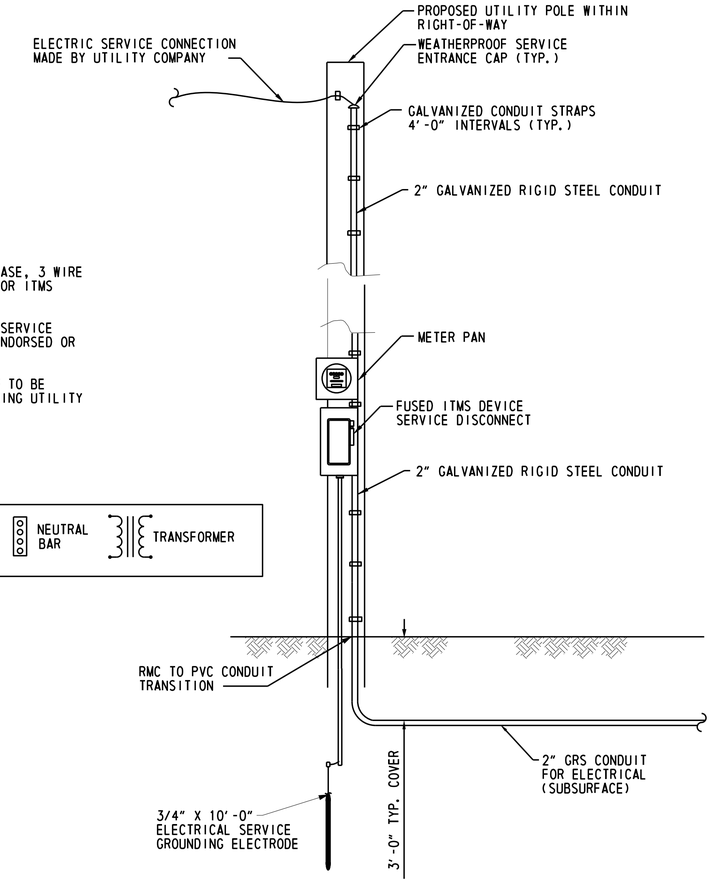
NOT TO SCALE

NOTES:

1. PROPOSED 100 AMP 120/240V, SINGLE PHASE, 3 WIRE ELECTRICAL SERVICE TO BE INSTALLED FOR ITMS DEVICES SHOWN.
2. ALL SERVICE DISCONNECT SWITCHES AND SERVICE METER SOCKETS TO BE DELMARVA POWER ENDORSED OR APPROVED EQUAL.
3. EXACT LOCATION OF ELECTRICAL SERVICE TO BE COORDINATED WITH DELMARVA POWER PENDING UTILITY RELOCATION DESIGN.

LEGEND

SWITCH | FUSE | GROUND | CIRCUIT BREAKER | NEUTRAL BAR | TRANSFORMER

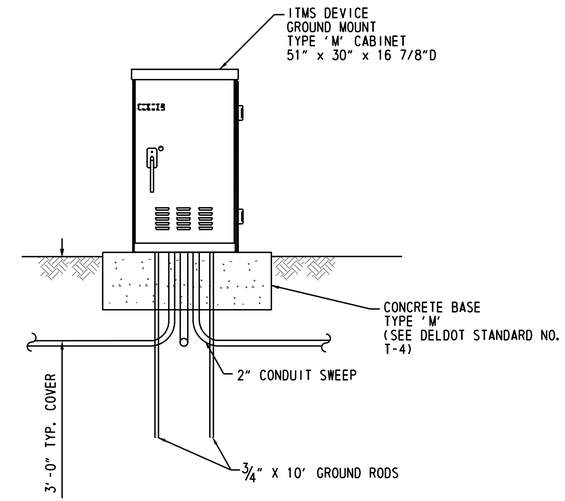


TYPICAL UTILITY POLE WITH SERVICE CONNECTIONS

NOT TO SCALE

NOTES:

1. ALL CONNECTIONS SHALL BE EXOTHERMICALLY WELDED TO GROUND RODS OR BRASS LUGS.
2. COPPER FLAT SHALL BE BOLTED, WELDED, OR BRAZED SECURELY TO FRAMEWORK TO MAINTAIN ELECTRICAL CONTINUITY.
3. GROUNDING SYSTEM SHALL BE PLACED WITHIN RIGHT OF WAY.
4. TEST THE GROUND ROD BY PERFORMING A SOIL RESISTIVITY TEST. IF TEST RESULT HIGHER THAN 25 OHMS, THEN ADDITIONAL GROUND RODS SHALL BE INSTALLED UNTIL 25 OHMS OR LESS IS.
5. MAIN GROUND ROD TO BE PLACED IMMEDIATELY ADJACENT TO POLE.
6. ALL GROUND CONDUCTORS TO BE SIZED ACCORDING TO THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE CODES.



ITMS DEVICE GROUND MOUNT CABINET

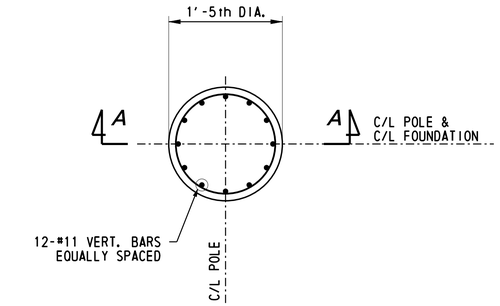
NOT TO SCALE

ITMS ELECTRICAL SERVICE WIRE SCHEDULE

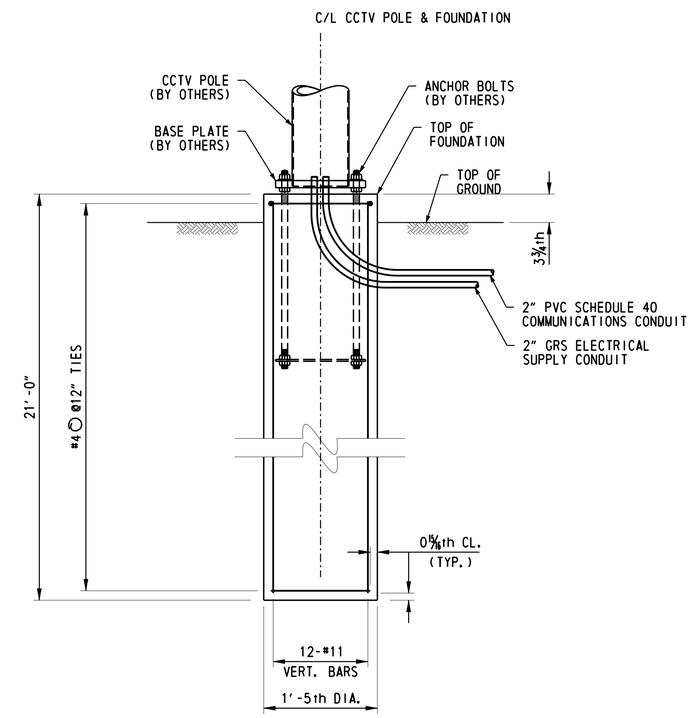
ITMS DEVICE	STATION/ OFFSET	SHEET	GROUNDING ELECTRODE CONDUCTOR AT MAIN DISCONNECT SWITCH	MAIN DISCONNECT SWITCH TO DEVICE CABINET	GROUNDING ELECTRODE CONDUCTOR AT DEVICE CABINET	MAIN BREAKER SIZE ITMS CABINET	ITMS CABINET TO ITMS DEVICE BREAKER SIZE	TO ITMS CONTROLLER (WIRE AND GROUND SIZE)
CCTV CAMERA	1000+85 115' LT	SSC-157	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	(2) #8AWG, (1) #8AWG GROUND,TYPE THHN/THWN INSULATED	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	100A/2P	15A/1P	(2) #14AWG, (1) #14AWG GROUND,TYPE THHN/THWN INSULATED
CCTV CAMERA	1040+10 70' RT	SSC-163	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	(2) #4AWG, (1) #4AWG GROUND,TYPE THHN/THWN INSULATED	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	100A/2P	15A/1P	(2) #14AWG, (1) #14AWG GROUND,TYPE THHN/THWN INSULATED
ROADWAY WEATHER INFORMATION SYSTEM (RWIS)	1052+28 60' LT	SSC-165	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	(2) #6AWG, (1) #6AWG GROUND,TYPE THHN/THWN INSULATED	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	100A/2P	15A/1P	(2) #14AWG, (1) #14AWG GROUND,TYPE THHN/THWN INSULATED
MICROWAVE DETECTOR	1082+10 68' LT	SSC-169	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	(2) #6AWG, (1) #6AWG GROUND,TYPE THHN/THWN INSULATED	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	20A/2P	15A/1P	(2) #14AWG, (1) #14AWG GROUND,TYPE THHN/THWN INSULATED
CCTV CAMERA	NORTH ST STA 48+95 68' LT	SSC-179	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	(2) #8AWG, (1) #8AWG GROUND,TYPE THHN/THWN INSULATED	(1) #6AWG, TYPE THHN/THWN INSULATED, 1" GRS CONDUIT	100A/2P	15A/1P	(2) #14AWG, (1) #14AWG GROUND,TYPE THHN/THWN INSULATED

CCTV FOUNDATION NOTES:

1. DESIGN SPECIFICATIONS: AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS 2009, 5TH EDITION.
2. ALL DIMENSIONS SHOWN ARE HORIZONTAL, EXCEPT AS NOTED.
3. USE CLASS A CEMENT CONCRETE f'c = 4500 PSI IN PEDESTALS AND FOOTINGS.
4. CHAMFER EXPOSED CONCRETE EDGES 3/4" x 3/4" EXCEPT AS NOTED.
5. PROVIDE A MINIMUM OF 2" CONCRETE COVER ON REINFORCEMENT BARS, EXCEPT AS NOTED.
6. PROVIDE GRADE 60 REINFORCEMENT BARS THAT MEET THE REQUIREMENTS OF ASTM A615/A 615-96A FOR CONCRETE REINFORCEMENT. DO NOT WELD REINFORCEMENT BARS.
7. PROVIDE MINIMUM LAP AND EMBEDMENT LENGTH IN ACCORDANCE WITH AASHTO REQUIREMENTS.
8. RAKE-FINISH ALL HORIZONTAL CONSTRUCTION JOINTS EXCEPT AS NOTED.
9. THE DESIGN WIND VELOCITY IS 100 MPH.
10. THE DESIGN ICE LOAD IS 3 PSF.
11. ALL STRUCTURAL DETAILS HAVE BEEN DESIGNED FOR FATIGUE RESISTANCE UNDER FATIGUE CATEGORY 1 ACCORDING TO AASHTO'S STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARES AND TRAFFIC SIGNALS. THE FOLLOWING LOADS WERE USED:
    - GALLOPING (21 PSF)-CANTILEVER SIGNS ONLY
    - NATURAL WIND GUST (5.2 * Cd PSF)
    - TRUCK INDUCED GUSTS (18.8 * Cd PSF)
12. PROVIDE ANCHOR BOLT HOLES 1/4" LARGER THAN BOLT DIAMETER. PROVIDE BOLT HOLES 1/16" LARGER THAN BOLT DIAMETER.
13. USE TEMPLATES TO ACCURATELY SET BASE PLATE ANCHOR BOLTS TO CORRECT ELEVATION AND ALIGNMENT. SECURELY BRACE ANCHOR BOLTS AGAINST DISPLACEMENT BEFORE PEDESTAL CONCRETE IS PLACED AND DURING CONCRETE CURING.
14. GROUT PADS SHALL NOT BE USED. BASE PLATES AND EXPOSED ANCHOR BOLTS SHALL BE PLACED SO RUN-OFF AND/OR RAIN WATER CANNOT RUN ONTO OR POND AT THIS AREA.
15. PROVIDE DOUBLE NUTS AND WASHERS FOR EACH ANCHOR BOLT.
16. ALL STRUCTURAL STEEL SHALL BE GALVANIZED AND SHALL CONFORM TO ASTM A123 OR ASTM A153, ASTM A143, AND ASTM A385.
17. GALVANIZED HIGH STRENGTH BOLTS SHALL CONFORM TO AASHTO M164/ASTM A325.
18. GALVANIZED HEAT TREATED NUTS SHALL CONFORM TO AASHTO M292/ASTM A194 OR AASHTO M291/ASTM A563 GRADE 2H, DH. GALVANIZED HARDENED STEEL WASHERS SHALL CONFORM TO AASHTO M293/ASTM F436.
19. GALVANIZED ANCHOR BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM F1554 GRADE 55.
20. DIMENSIONS ARE BASED ON A NORMAL TEMPERATURE OF 68°F
21. VERIFY ALL ELEVATIONS AND DIMENSIONS IN THE FIELD BEFORE ORDERING ANY MATERIALS.
22. FOOTINGS WILL BE POURED AGAINST FILL COMPACTED TO 98% RELATIVE MAXIMUM DENSITY OR ON UNDISTURBED MATERIAL.
23. DIVERT ALL SURFACE RUNOFF AWAY FROM EXCAVATIONS. PERFORM ALL EXCAVATIONS IN ACCORDANCE WITH OSHA REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT DEWATERING SO THAT EXCAVATIONS ARE DRY ENOUGH FOR INSPECTION AND CONSTRUCTION. DESIGN AND PROVIDE TEMPORARY SUPPORTS AS REQUIRED TO RETAIN EXCAVATED EARTH SURFACES IN ACCORDANCE WITH DELDOT SPECIFICATION SECTION 207.
24. COORDINATE, LOCATE, AND CONDUCT ALL WORK RELATED TO PUBLIC AND PRIVATE UTILITIES IN ACCORDANCE WITH DELDOT UTILITIES MANUAL. VERIFY AND LOCATE ALL EXISTING UTILITIES PRIOR TO STARTING WORK. CONDUCT OPERATIONS IN A MANNER WHICH ENSURES THAT THE UTILITIES WILL NOT BE DISTURBED OR ENDANGERED, AND ASSUME FULL RESPONSIBILITY FOR ANY DAMAGE TO UTILITIES DURING CONSTRUCTION. THE DEPARTMENT DOES NOT ASSUME RESPONSIBILITY FOR REIMBURSEMENT, PARTICIPATION IN DESIGN AND/OR REVISIONS, OR LIABILITY FOR ACCURACY OF TYPE, SIZE, AND LOCATION OF ANY UTILITY.
25. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN, PROTECT, AND REPAIR COMPLETED WORK AND ADJACENT AREAS OF THE PAVEMENT OR THE SHOULDER FOR ANY DAMAGE RESULTING FROM CONSTRUCTION VEHICLES, EQUIPMENT, OR FROM NEGLIGENCE.
26. VERIFY THE LOCATION OF ALL CONDUIT ROUGH-INS WITH THE EQUIPMENT MANUFACTURER AND DEPARTMENT'S REPRESENTATIVE, PRIOR TO PLACEMENT OF CONCRETE FOUNDATIONS.
27. REFER TO SIGNING, STRIPING, AND CONDUIT PLANS FOR CCTV FOUNDATION LOCATIONS.



PLAN
SCALE: 3/8" = 1'-0"



SECTION A-A
SCALE: 3/8" = 1'-0"

CCTV POLE FOUNDATION PB-3M

SS_IT03.dgn
4/3/2014

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 30 60 90 FEET	WEST DOVER CONNECTOR	CONTRACT T200411701	BRIDGE NO. 2-156, 2-157	SIGNING, STRIPING AND CONDUIT PLANS	SHEET NO. 315
				COUNTY KENT	DESIGNED BY: CD		TOTAL SHTS. 320
					CHECKED BY: HR		

CONDUIT RUN SCHEDULE

CO NO.	NO. OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE / WIRE
1	1	2″	100′	(1)2/#8 U.F.W/ GROUND
1A	1	2″	10′	(1)2/#8 U.F.W/ GROUND
2	3	4″	5′	(2)1/#6, (1)16/#14, (2)5/#14, (3)4/#18, (6)2/#14, (1)9/#14 COMMUNICATION CABLE (SEE NOTE 12)
3	2*	3″	10′	(1)1/#6, (1)9/#14, (1)4/#18
4	1	4″	50′	(1)1/#6, (2)5/#14, (1)2/#14
5	1	2.5″	15′	(1)1/#6, (1)5/#14
6	1	4″	50′	(1)1/#6, (1)5/#14
7	1	2.5″	5′	(1)1/#6, (1)5/#14
8	1	4″	65′	(1)1/#6, (1)16/#14, (2)4/#18, (5)2/#14
9	1	4″	120′	(2)2/#14
10	1	4″	85′	(2)2/#14
11	1	4″	225′	(1)2/#14
12	1	4″	45′	(1)1/#6, (1)16/#14, (2)4/#18
13	1	4″	100′	(1)1/#6, (1)16/#14, (2)4/#18
14	2*	3″	10′	(1)1/#6, (1)16/#14, (2)4/#18
15	1	4″	70′	(2)2/#14
16	1	4″	215′	(1)2/#14
17	1	2″	20′	COMMUNICATION CABLE

* CAP ONE CONDUIT FOR FUTURE USE UNLESS NEEDED
** ALL PROPOSED CONDUITS SCHEDULE 80 PVC (HDPE FOR BORE)
LOOP DETECTOR LEAD-IN CONDUITS 1″ FLEXIBLE NON METALLIC LIQUID TIGHT

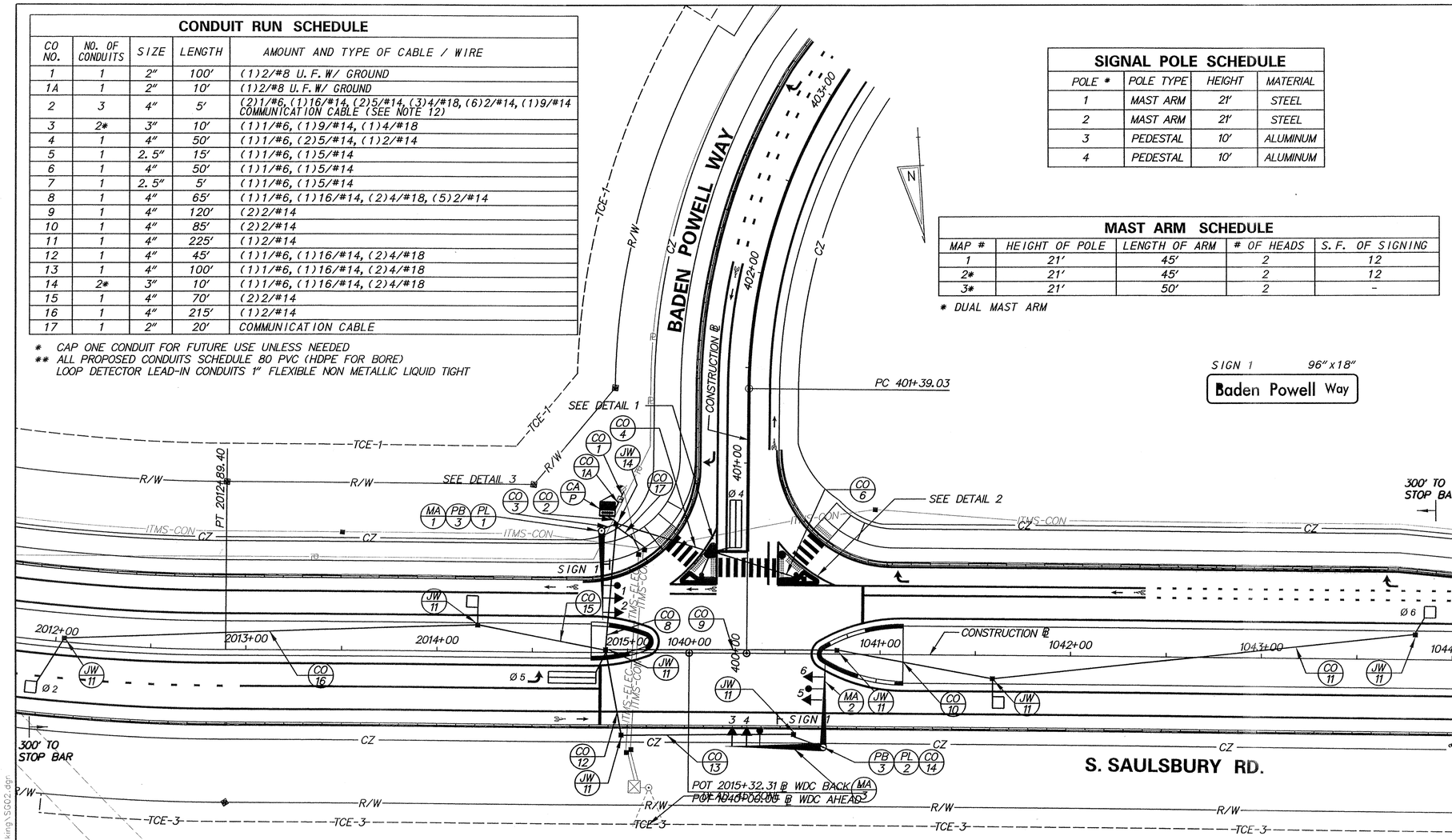
SIGNAL POLE SCHEDULE

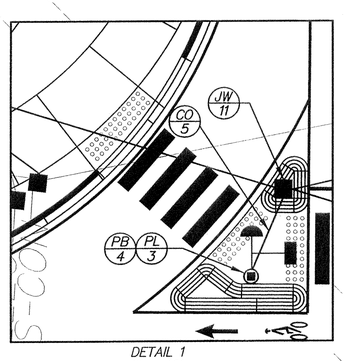
POLE #	POLE TYPE	HEIGHT	MATERIAL
1	MAST ARM	21′	STEEL
2	MAST ARM	21′	STEEL
3	PEDESTAL	10′	ALUMINUM
4	PEDESTAL	10′	ALUMINUM

MAST ARM SCHEDULE

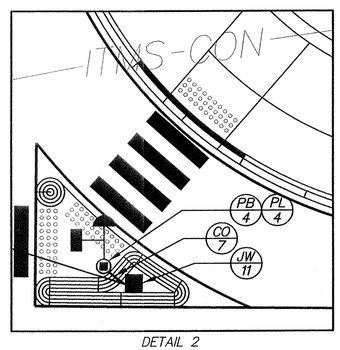
MAP #	HEIGHT OF POLE	LENGTH OF ARM	# OF HEADS	S.F. OF SIGNING
1	21′	45′	2	12
2*	21′	45′	2	12
3*	21′	50′	2	-

* DUAL MAST ARM

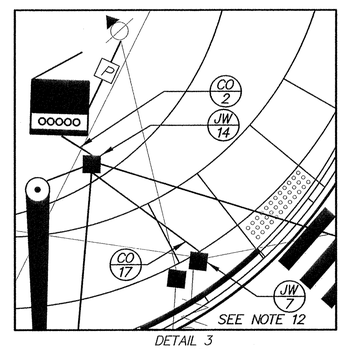




DETAIL 1
1″ = 10′



DETAIL 2
1″ = 10′

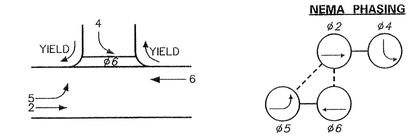


DETAIL 3
1″ = 10′

ADDITIONAL SIGNAL NOTES

6. PROPOSED POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50:1 OR FLATTER) LANDING AREA OF THE CURB RAMP OR SIDEWALK IN ACCORDANCE WITH CURRENT ADA BEST PRACTICES. THESE POLE BASES SHALL BE FLUSH WITH THE ADJOINING LANDING AREA. THE PEDESTRIAN PUSH BUTTON SHALL BE INSTALLED AT HEIGHT OF 42-48 INCHES ABOVE THE LANDING AREA/ SIDEWALK AND SHALL BE LOCATED SUCH THAT MAXIMUM REACH DISTANCE IS 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE SIDEWALK.
7. PROPERLY BOND AND GROUND ALL PROJECT'S JUNCTION WELLS & LIDS WHERE APPLICABLE.
8. ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN MODULES.
9. ALL CURB RAMPS TO BE MADE ADA COMPLIANT UNDER CONTRACT T200411701.
10. REMOVAL OF SIGNAL POLE AND CABINET BASES SHALL BE COORDINATED WITH TRAFFIC FORCES.
11. INSTALL CONDUIT C.O.#17 FOR COMMUNICATION CABLE FROM JW 14 TO JW 7. REFER TO SIGNING, STRIPING AND CONDUIT PLAN FOR JW 7 INSTALLATION.
12. PROVIDE THREE (3) RUNS OF 4″ CONDUIT FROM JW 14 TO CABINET BASE. PROVIDE ONE (1) RUN OF 2″ CONDUIT FROM ELECTRICAL SERVICE POINT TO CABINET BASE.

SIGNAL PHASING



PHASING NOTES

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

SIGNAL HEAD DIAGRAM

LEGEND

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

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

GENERAL SIGNAL NOTES

1. ALL SIGNAL POLES WILL BE 21 FEET, EXCEPT WHERE SHOWN.
2. ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS, SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
3. ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
4. POLE BASES, CABINET BASE AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 201 AND 202 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
5. 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.

RECOMMENDED _____ DATE: 7/2/2014
RECOMMENDED _____ DATE: _____
RECOMMENDED _____ DATE: 7/2/14
APPROVED TRAFFIC ENGINEER _____ DATE: 7/2/14
APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER _____ DATE: 7/11/14

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

SCALE 0 30 60 90 FEET

WEST DOVER CONNECTOR

CONTRACT	PERMIT NO.	K315
T200411701	DESIGNED BY: JE	
COUNTY KENT	CHECKED BY: ER	

SIGNAL PLAN BADEN POWELL WAY & S. SAULSBURY RD

SHEET NO. 316
TOTAL SHTS. 320

7/1/2014 deinlerj
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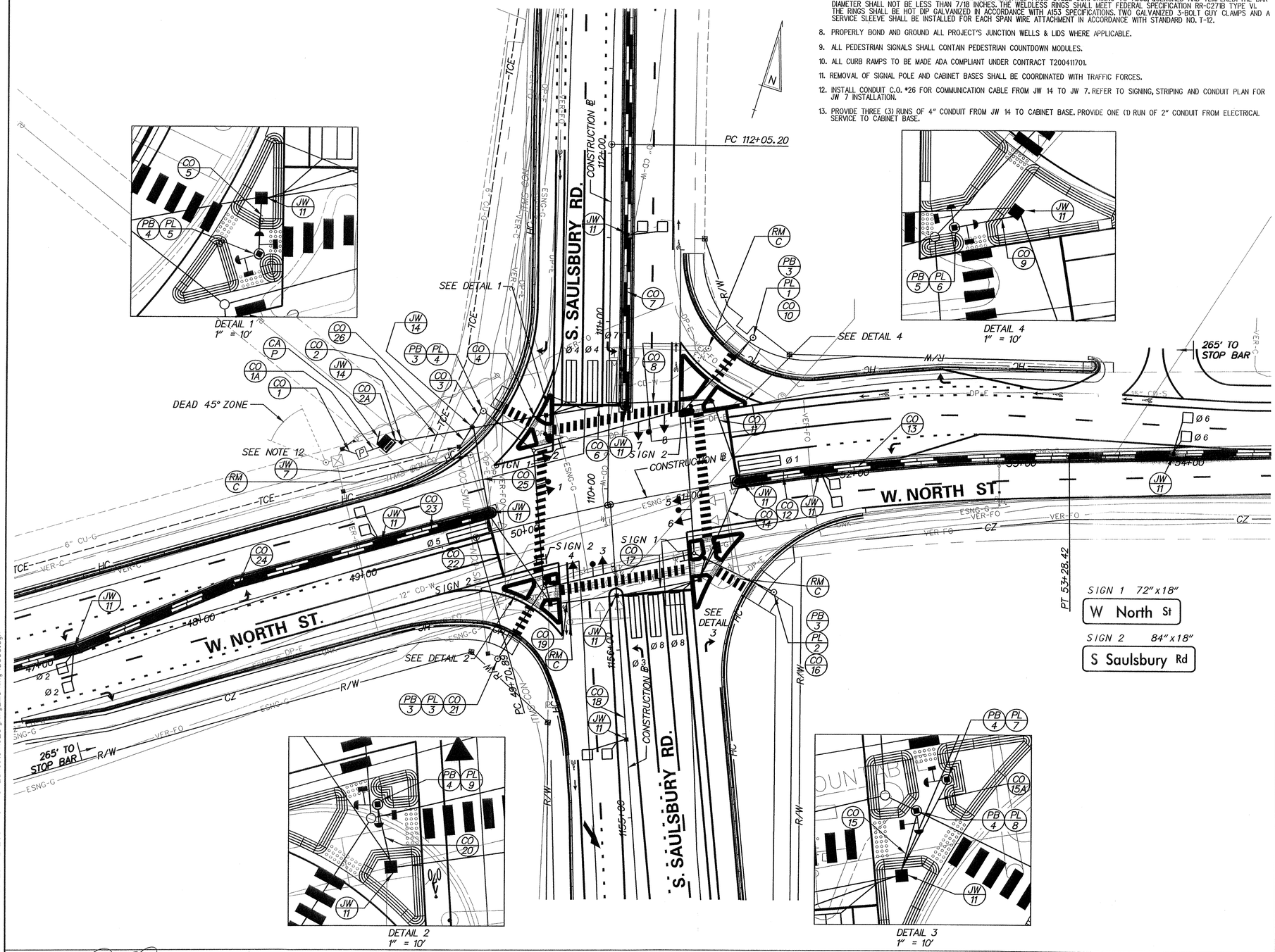
ADDITIONAL SIGNAL NOTES

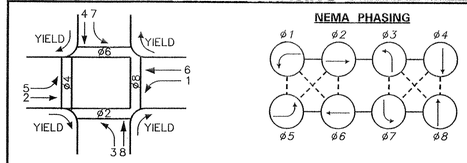
7. FOLLOW SPAN WIRE SCHEDULE. PROPOSED SPAN WIRES SHALL BE ATTACHED USING A GALVANIZED STEEL BULL RING. THE BULL RING SHALL HAVE A 4-INCH INSIDE DIAMETER AND BE FABRICATED FROM STEEL CONFORMING TO A668, QUENCHED AND TEMPERED. THE BAR DIAMETER SHALL NOT BE LESS THAN 7/16 INCHES. THE WELDLESS RINGS SHALL MEET FEDERAL SPECIFICATION RR-C271B TYPE VI. THE RINGS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH AIS3 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.
8. PROPERLY BOND AND GROUND ALL PROJECT'S JUNCTION WELLS & LIDS WHERE APPLICABLE.
9. ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN MODULES.
10. ALL CURB RAMPS TO BE MADE ADA COMPLIANT UNDER CONTRACT T200411701.
11. REMOVAL OF SIGNAL POLE AND CABINET BASES SHALL BE COORDINATED WITH TRAFFIC FORCES.
12. INSTALL CONDUIT C.O. *26 FOR COMMUNICATION CABLE FROM JW 14 TO JW 7. REFER TO SIGNING, STRIPING AND CONDUIT PLAN FOR JW 7 INSTALLATION.
13. PROVIDE THREE (3) RUNS OF 4" CONDUIT FROM JW 14 TO CABINET BASE. PROVIDE ONE (1) RUN OF 2" CONDUIT FROM ELECTRICAL SERVICE TO CABINET BASE.



SIGN 1 72"x18"
W North St

SIGN 2 84"x18"
S Saulsbury Rd

SIGNAL PHASING



PHASING NOTES

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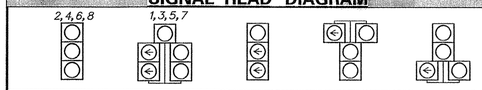
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

SIGNAL HEAD DIAGRAM



LEGEND

AB	ABANDON	OH	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
CA X	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	OH #	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
CA X	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	PB X	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
CO #	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	PB X	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
CO #	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	PL X	EXISTING POLE IDENTIFIER (# OF POLE)
JW X	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	PL X	PROPOSED POLE IDENTIFIER (# OF POLE)
JW X	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	RM C	REMOVE BY CONTRACTOR
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	EXISTING SYMBOL	PROPOSED SYMBOL
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LOOP DETECTOR, TYPE 2		
LUMINAIRE		
MAST ARM		
MICROWAVE DETECTION		
OPTICOM RECEIVER		
OVERHEAD SIGNING		
PEDESTRIAN POLE/BASE		
PEDESTRIAN PUSHBUTTON		
PEDESTRIAN SIGNAL HEAD		
RIGHT-OF-WAY		R/W
SERVICE PEDESTAL		P
SIGNAL CABINET		
SIGNAL HEAD		
SIGNAL POLE/BASE		
SPAN INSULATOR		
SPAN WIRE	XX	
UTILITY POLE		
VIDEO DETECTION		

GENERAL SIGNAL NOTES

1. ALL SIGNAL STRAIN POLES WILL BE 32 FEET, EXCEPT WHERE SHOWN.
2. ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS, SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
3. ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
4. POLE BASES, CABINET BASE AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 201 AND 202 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
5. 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.
6. PROPOSED POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50:1 OR FLATTER) LANDING AREA OF THE CURB RAMP OR SIDEWALK IN ACCORDANCE WITH CURRENT ADA BEST PRACTICES. THESE POLE BASES SHALL BE FLUSH WITH THE ADJOINING LANDING AREA. THE PEDESTRIAN PUSH BUTTON SHALL BE INSTALLED AT HEIGHT OF 40-44 INCHES ABOVE THE LANDING AREA/SIDEWALK AND SHALL BE LOCATED SUCH THAT MAXIMUM REACH DISTANCE IS 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE SIDEWALK.

RECOMMENDED _____ DATE: 7/2/2014 | RECOMMENDED _____ DATE: | RECOMMENDED _____ DATE: 7/2/14 | APPROVED TRAFFIC ENGINEER _____ DATE: 7/2/14 | APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER _____ DATE: 7/11/14

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

SCALE 0 30 60 90 FEET

WEST DOVER CONNECTOR

CONTRACT	T200411701
COUNTY	KENT
PERMIT NO.	K188
DESIGNED BY: JE	
CHECKED BY: ER	

SIGNAL PLAN W. NORTH STREET & S. SAULSBURY RD

SHEET NO. 317
TOTAL SHTS. 320

7/1/2014 deinlein;
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CONDUIT RUN SCHEDULE

CO NO.	NO. OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE / WIRE
1	1	2"	20'	(1)2/#8 U.F. W/ GROUND
1A	1	2"	20'	(1)2/#8 U.F. W/ GROUND
2	3	4"	10'	(2)1/#6, (4)16/#14, (8)5/#14, (4)4/#18, (13)2/#14 COMMUNICATION CABLE
2A	3	4"	10'	(2)1/#6, (4)16/#14, (8)5/#14, (4)4/#18, (13)2/#14 COMMUNICATION CABLE (SEE NOTE 13)
3	2*	3"	15'	(1)1/#6, (2)16/#14, (4)4/#18
4	1	4"	45'	(1)1/#6, (4)5/#14, (7)2/#14
5	1	2.5"	15'	(1)1/#6, (2)5/#14
6	1	4"	50'	(1)1/#6, (2)5/#14, (5)2/#14
7	1	4"	100'	(1)2/#14
8	1	4"	55'	(1)1/#6, (2)5/#14, (3)2/#14
9	1	2.5"	15'	(1)1/#6, (2)5/#14
10	2*	3"	5'	CAPPED FOR FUTURE USE
11	1	4"	50'	(3)2/#14
12	1	4"	50'	(2)2/#14
13	1	4"	210'	(1)2/#14
14	1	4"	65'	EMPTY
15	1	2.5"	15'	(1)1/#6, (1)5/#14
15A	1	2.5"	21'	(1)1/#6, (1)5/#14
16	2*	3"	5'	CAPPED FOR FUTURE USE
17	1	4"	50'	(1)1/#6, (2)5/#14, (1)2/#14
18	1	4"	85'	(1)2/#14
19	1	4"	40'	(1)1/#6, (2)5/#14, (3)2/#14
20	1	2.5"	15'	(1)1/#6, (2)5/#14
21	2*	3"	5'	CAPPED FOR FUTURE USE
22	1	4"	55'	(1)1/#6, (4)5/#14, (3)2/#14
23	1	4"	70	(2)2/#14
24	1	4"	195'	(1)2/#14
25	1	4"	55'	(1)1/#6, (4)5/#14, (6)2/#14
26	1	2"	20'	COMMUNICATION CABLE

* CAP ONE CONDUIT FOR FUTURE USE UNLESS NEEDED
** ALL PROPOSED CONDUITS SCHEDULE 80 PVC (HDPE FOR BORE)
LOOP DETECTOR LEAD-IN CONDUITS 1" FLEXIBLE NON METALLIC LIQUID TIGHT

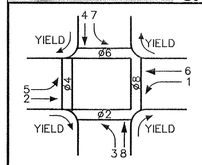
SPAN WIRE SCHEDULE

SPAN	LENGTH	SPAN MOUNT HEIGHT	5% DROP	BULL RING HEIGHT	5% SAG	SPAN LOW POINT	HEIGHT TO LOWEST SIGNAL HEAD
NORTHEAST	57'	30.00 FT	2.85	28.5	-	-	-
SOUTHEAST	50'	29.65 FT	2.5	28.5	-	-	-
NORTHWEST	36'	28.95 FT	1.8	28.5	-	-	-
SOUTHWEST	48'	29.55 FT	2.4	28.5	-	-	-
NORTH	91'	-	-	28.5	4.6 FT	23.9 FT	19.45
SOUTH	90'	-	-	28.5	4.5 FT	24.0 FT	19.55
EAST	85'	-	-	28.5	4.3 FT	24.2 FT	19.75
WEST	81'	-	-	28.5	4.1 FT	24.4 FT	19.95

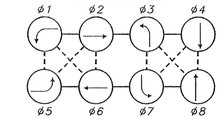
SIGNAL POLE SCHEDULE

POLE #	POLE TYPE	HEIGHT	MATERIAL
1	STRAIN	32'	STEEL
2	STRAIN	32'	STEEL
3	STRAIN	32'	STEEL
4	STRAIN	32'	STEEL
5	PEDESTAL	10'	ALUMINUM
6	PEDESTAL	10'	ALUMINUM
7	PEDESTAL	10'	ALUMINUM
8	PEDESTAL	10'	ALUMINUM
9	PEDESTAL	10'	ALUMINUM

SIGNAL PHASING



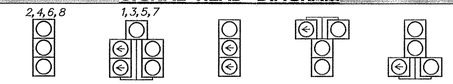
NEMA PHASING



PHASING NOTES

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

SIGNAL HEAD DIAGRAM



LEGEND

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

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

GENERAL SIGNAL NOTES

RECOMMENDED _____ DATE: 7/2/2014
RECOMMENDED _____ DATE: _____
RECOMMENDED _____ DATE: 7/2/14
APPROVED TRAFFIC ENGINEER _____ DATE: 7/2/14
APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER _____ DATE: 7/11/14

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

SCALE 0 30 60 90 FEET

WEST DOVER CONNECTOR

CONTRACT	PERMIT NO.	K188
T200411701	DESIGNED BY: JE	
COUNTY		
KENT	CHECKED BY: ER	

SIGNAL PLAN NORTH STREET & SAULSBURY RD

SHEET NO. 318
TOTAL SHTS. 320

7/1/2014 deinlenj
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SPAN WIRE SCHEDULE

SPAN	LENGTH	SPAN MOUNT HEIGHT	5% SAG	SPAN LOW POINT	HEIGHT TO LOWEST SIGNAL HEAD
NORTH	160′	30′	8.0 FT	22′	17.55′
SOUTH	160′	30′	8.0 FT	22′	17.55′
EAST	145′	30′	7.3 FT	22.7′	18.25′
WEST	145′	30′	7.3 FT	22.7′	18.25′

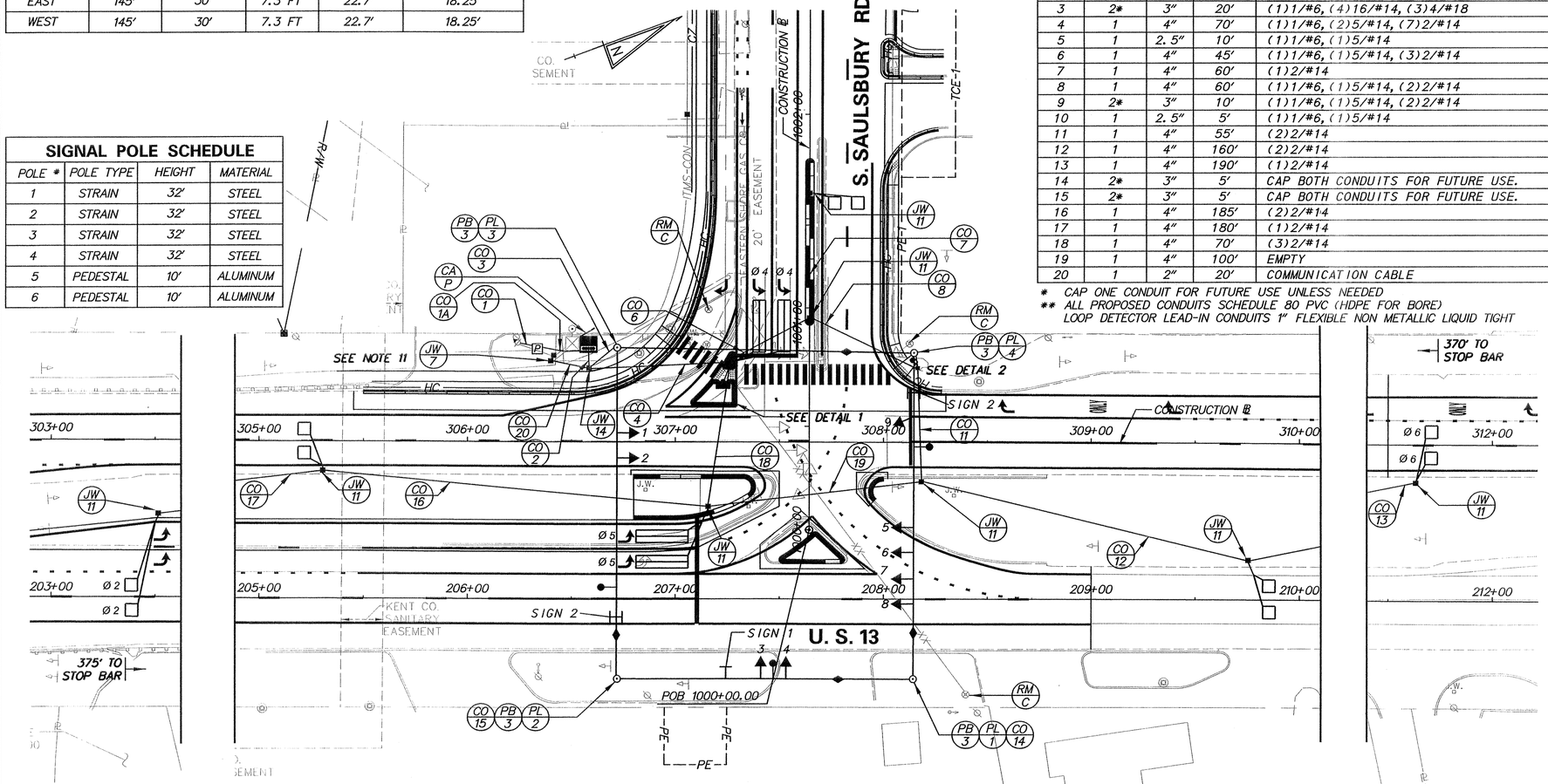
SIGNAL POLE SCHEDULE

POLE #	POLE TYPE	HEIGHT	MATERIAL
1	STRAIN	32′	STEEL
2	STRAIN	32′	STEEL
3	STRAIN	32′	STEEL
4	STRAIN	32′	STEEL
5	PEDESTAL	10′	ALUMINUM
6	PEDESTAL	10′	ALUMINUM

CONDUIT RUN SCHEDULE

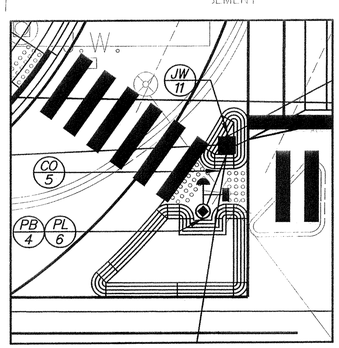
CR NO.	NO. OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE / WIRE
1	1	2″	100′	(1)2/#8 U.F.W/ GROUND
1A	1	2″	30′	(1)2/#8 U.F.W/ GROUND
2	3	4″	10′	(2)1/#6, (4)16/#14, (3)5/#14, (3)4/#18, (7)2/#14 COMMUNICATION CABLE (SEE NOTE 12)
3	2*	3″	20′	(1)1/#6, (4)16/#14, (3)4/#18
4	1	4″	70′	(1)1/#6, (2)5/#14, (7)2/#14
5	1	2.5″	10′	(1)1/#6, (1)5/#14
6	1	4″	45′	(1)1/#6, (1)5/#14, (3)2/#14
7	1	4″	60′	(1)2/#14
8	1	4″	60′	(1)1/#6, (1)5/#14, (2)2/#14
9	2*	3″	10′	(1)1/#6, (1)5/#14, (2)2/#14
10	1	2.5″	5′	(1)1/#6, (1)5/#14
11	1	4″	55′	(2)2/#14
12	1	4″	160′	(2)2/#14
13	1	4″	190′	(1)2/#14
14	2*	3″	5′	CAP BOTH CONDUITS FOR FUTURE USE.
15	2*	3″	5′	CAP BOTH CONDUITS FOR FUTURE USE.
16	1	4″	185′	(2)2/#14
17	1	4″	180′	(1)2/#14
18	1	4″	70′	(3)2/#14
19	1	4″	100′	EMPTY
20	1	2″	20′	COMMUNICATION CABLE

* CAP ONE CONDUIT FOR FUTURE USE UNLESS NEEDED
** ALL PROPOSED CONDUITS SCHEDULE 80 PVC (HDPE FOR BORE)
LOOP DETECTOR LEAD-IN CONDUITS 1″ FLEXIBLE NON METALLIC LIQUID TIGHT

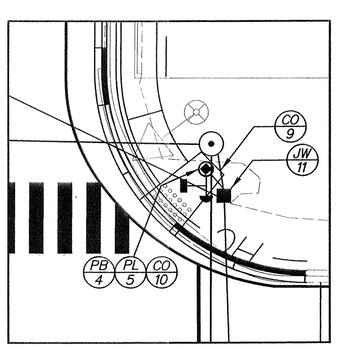


SIGN 1 78″x18″
S Dupont Hwy

SIGN 2 84″x18″
S Saulsbury Rd

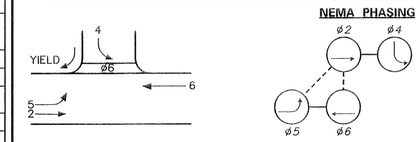


DETAIL 1
1″ = 10′



DETAIL 2
1″ = 10′

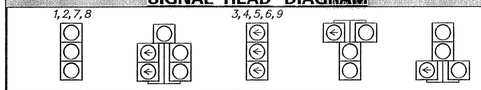
SIGNAL PHASING



PHASING NOTES

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

SIGNAL HEAD DIAGRAM



LEGEND

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

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

GENERAL SIGNAL NOTES

1. ALL SIGNAL POLES WILL BE 32 FEET, EXCEPT WHERE SHOWN.
2. ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS, SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
3. ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
4. POLE BASES, CABINET BASE AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 201 AND 202 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
5. 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.
6. PROPOSED POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (5:1 OR 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 PUSH BUTTON SHALL BE INSTALLED AT HEIGHT OF 42-48 INCHES ABOVE THE LANDING AREA/SIDEWALK AND SHALL BE LOCATED SUCH THAT MAXIMUM REACH DISTANCE IS 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE SIDEWALK.

ADDITIONAL SIGNAL NOTES

7. PROPERLY BOND AND GROUND ALL PROJECT'S JUNCTION WELLS & LIDS WHERE APPLICABLE.
8. ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN MODULES.
9. ALL CURB RAMPS TO BE MADE ADA COMPLIANT UNDER CONTRACT T200411701.
10. REMOVAL OF SIGNAL POLE AND CABINET BASES SHALL BE COORDINATED WITH TRAFFIC FORCES.
11. INSTALL CONDUIT C.O.#20 FOR COMMUNICATION CABLE FROM JW 14 TO JW 7. REFER TO SIGNING, STRIPING AND CONDUIT PLAN FOR JW 7 INSTALLATION.
12. PROVIDE THREE (3) RUNS OF 4″ CONDUIT FROM JW 14 TO CABINET BASE. PROVIDE ONE (1) RUN OF 2″ CONDUIT FROM ELECTRICAL SERVICE POINT TO CABINET BASE.

RECOMMENDED _____ DATE: 7/11/2014
RECOMMENDED _____ DATE: _____
RECOMMENDED _____ DATE: 7/15/2014
APPROVED TRAFFIC ENGINEER _____ DATE: 7/16/14
APPROVED FOR INSTALLATION CHIEF TRAFFIC ENGINEER _____ DATE: 7/16/14

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

SCALE 0 30 60 90 FEET

WEST DOVER CONNECTOR

CONTRACT	PERMIT NO.	K137
T200411701	DESIGNED BY: JE	
COUNTY: KENT	CHECKED BY: ER	

SIGNAL PLAN US 13 & S. SAULSBURY RD.

SHEET NO. 319
TOTAL SHTS. 320

7/15/2014 BanksC
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CONDUIT RUN SCHEDULE

CO NO.	NO. OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE / WIRE
1*	1	1.5"	100'	(1)2/#8 U.F. W/ GROUND
2*	1	2.5"	10'	(3)9/#14, (3)4/#18, NEW (1)1/#6, (3)5/#14, (6)2/#14 COMMUNICATION CABLE
3*	2	2.5"	25'	(1)4/#18 (1)9/#14
4*	1	2.5"	5'	NEW (1)1/#6, (1)5/#14
5*	1	2.5"	10'	NEW (1)1/#6, (1)5/#14
6*	1	2.5"	180'	NEW (1)2/#14
7*	1	2.5"	10'	(1)4/#18, (1)9/#14
8*	1	2.5"	80'	(1)4/#18, (1)9/#14, NEW (1)2/#14, (1)1/#6
9*	1	2.5"	10'	(1)4/#18, (1)9/#14
10*	1	2.5"	140'	(1)2/#14
11*	1	2.5"	50'	(1)2/#14
12*	1	2.5"	10'	NEW (1)1/#6, (1)5/#14
13*	1	2.5"	90'	NEW (1)2/#14, (1)1/#6, (1)5/#14
14	1	4"	50'	(1)1/#6, (1)5/#14, (3)4/#18, (2)9/#14, (4)2/#14
15*	1	4"	90'	COMM. CABLE
16*	1	4"	+/- 1000	COMM. CABLE
17*	1	4"	+/- 900	COMM. CABLE
18	1	4"	45'	(1)1/#6, (1)5/#14, (2)4/#18, (2)9/#14, (2)2/#14
19	1	2.5"	40'	(1)2/#14
20	1	2.5"	45'	(1)2/#14

* DENOTES EXISTING CONDUIT

** ALL PROPOSED CONDUITS SCHEDULE 80 PVC (HDPE FOR BORE)
LOOP DETECTOR LEAD-IN CONDUITS 1" FLEXIBLE NON METALLIC LIQUID TIGHT

SIGNAL POLE SCHEDULE

POLE #	POLE TYPE	HEIGHT	MATERIAL
1	MAST ARM	21'	STEEL
2	MAST ARM	21'	STEEL
3	PEDESTAL	10'	ALUMINUM
4	MAST ARM	21'	STEEL
5	PEDESTAL	10'	ALUMINUM
6	PEDESTAL	10'	ALUMINUM

SIGN 1 72"x18"

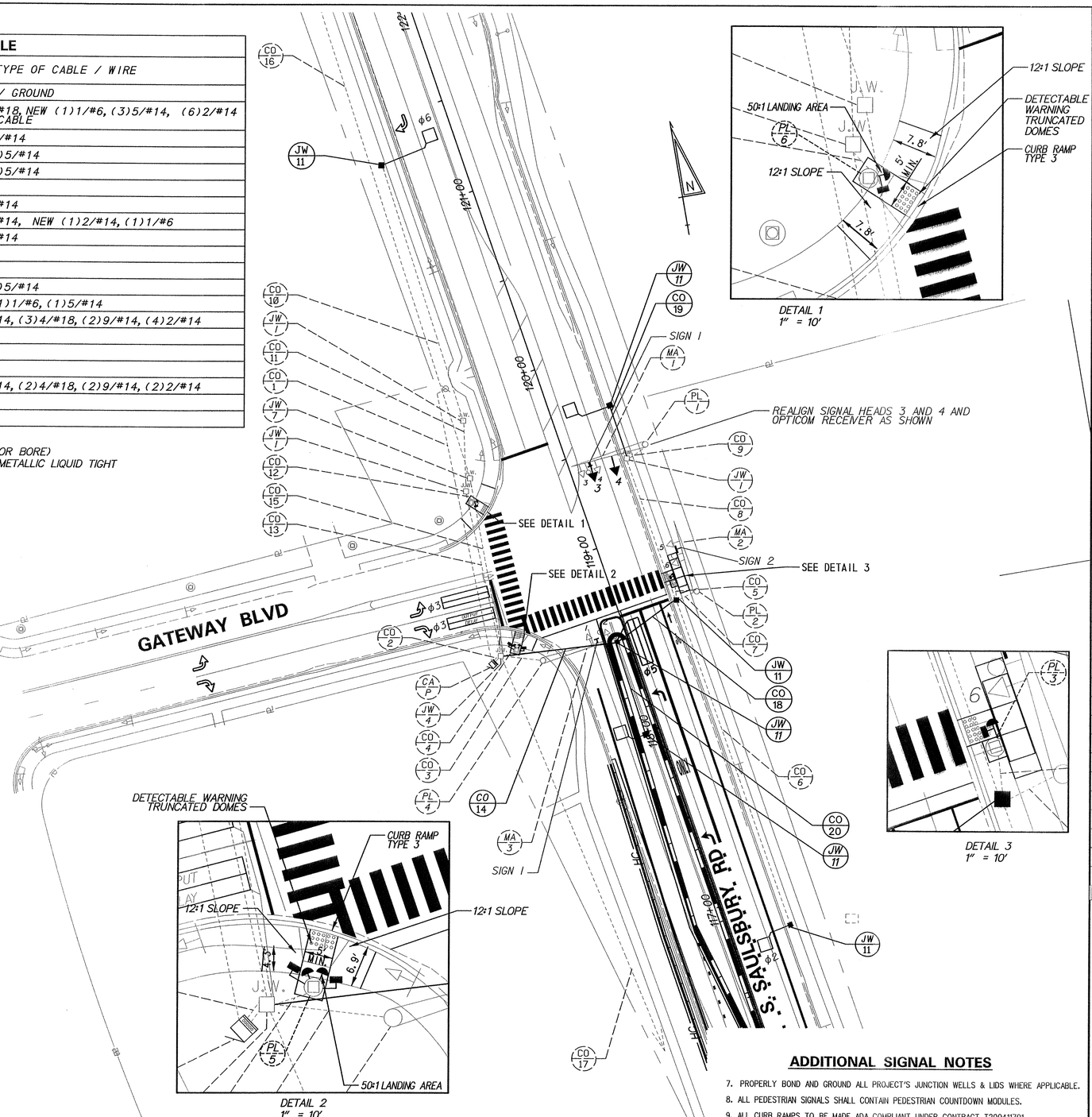
Gateway Blvd

SIGN 2 84"x18"

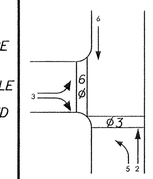
S Saulsbury Rd

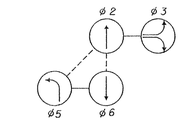
MAST ARM SCHEDULE

MA#*	HEIGHT OF POLE	LENGTH OF ARM	# OF HEADS	S.F. OF SIGNING
1	21'	40'	2	9
2	21'	40'	2	10.5
3	21'	40'	2	9

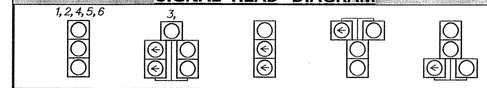


SIGNAL PHASING





SIGNAL HEAD DIAGRAM



LEGEND

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

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

GENERAL SIGNAL NOTES

1. ALL SIGNAL POLES WILL BE 21 FEET, EXCEPT WHERE SHOWN.
2. ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
3. POLE BASES, CABINET BASE AND CONDUIT JUNCTION WELLS TO BE REMOVED IN ACCORDANCE WITH SECTION 201 AND 202 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY ENGINEER. EXISTING CONDUIT IS TO BE ABANDONED.
4. ALL GALVANIZED CONDUIT (GRC) SHALL BE REAMED AND THREADED. ALL GRC SHALL BE THREADED TOGETHER WITH APPROVED COUPLINGS.SET SCREW, BOLTED, AND COMPRESSION FITTING ARE NOT ACCEPTABLE.
5. 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.
6. PROPOSED POLE BASES SUPPORTING POLES WITH PEDESTRIAN PUSHBUTTONS SHALL BE CONSTRUCTED IMMEDIATELY ADJACENT TO THE FLAT (50:1 OR FLATTER) LANDING AREA OF THE CURB RAMP OR SIDEWALK IN ACCORDANCE WITH CURRENT ADA BEST PRACTICES. THESE POLE BASES SHALL BE FLUSH WITH THE ADJOINING LANDING AREA. THE PEDESTRIAN PUSH BUTTON SHALL BE INSTALLED AT HEIGHT OF 42-48 INCHES ABOVE THE LANDING AREA/SIDEWALK AND SHALL BE LOCATED SUCH THAT MAXIMUM REACH DISTANCE IS 10 INCHES FROM THE LANDING AREA TO THE FACE OF THE SIDEWALK.

ADDITIONAL SIGNAL NOTES

7. PROPERLY BOND AND GROUND ALL PROJECT'S JUNCTION WELLS & LIDS WHERE APPLICABLE.
8. ALL PEDESTRIAN SIGNALS SHALL CONTAIN PEDESTRIAN COUNTDOWN MODULES.
9. ALL CURB RAMPS TO BE MADE ADA COMPLIANT UNDER CONTRACT T200411701.

RECOMMENDED _____ DATE: 7/2/2014

RECOMMENDED _____ DATE: _____

RECOMMENDED _____ DATE: 7/2/14

APPROVED TRAFFIC ENGINEER _____ DATE: 7/2/14

APPROVED FOR INSTALLATION
CHIEF TRAFFIC ENGINEER _____ DATE: 7/11/14

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

SCALE 0 30 60 90 FEET

WEST DOVER CONNECTOR

CONTRACT	PERMIT NO.	K280
T200411701	DESIGNED BY: JE	
COUNTY	CHECKED BY: ER	
KENT		

SIGNAL PLAN S. SAULSBURY RD & GATEWAY BLVD

SHEET NO. 320

TOTAL SHTS. 320

7/1/2014 deinlein;
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