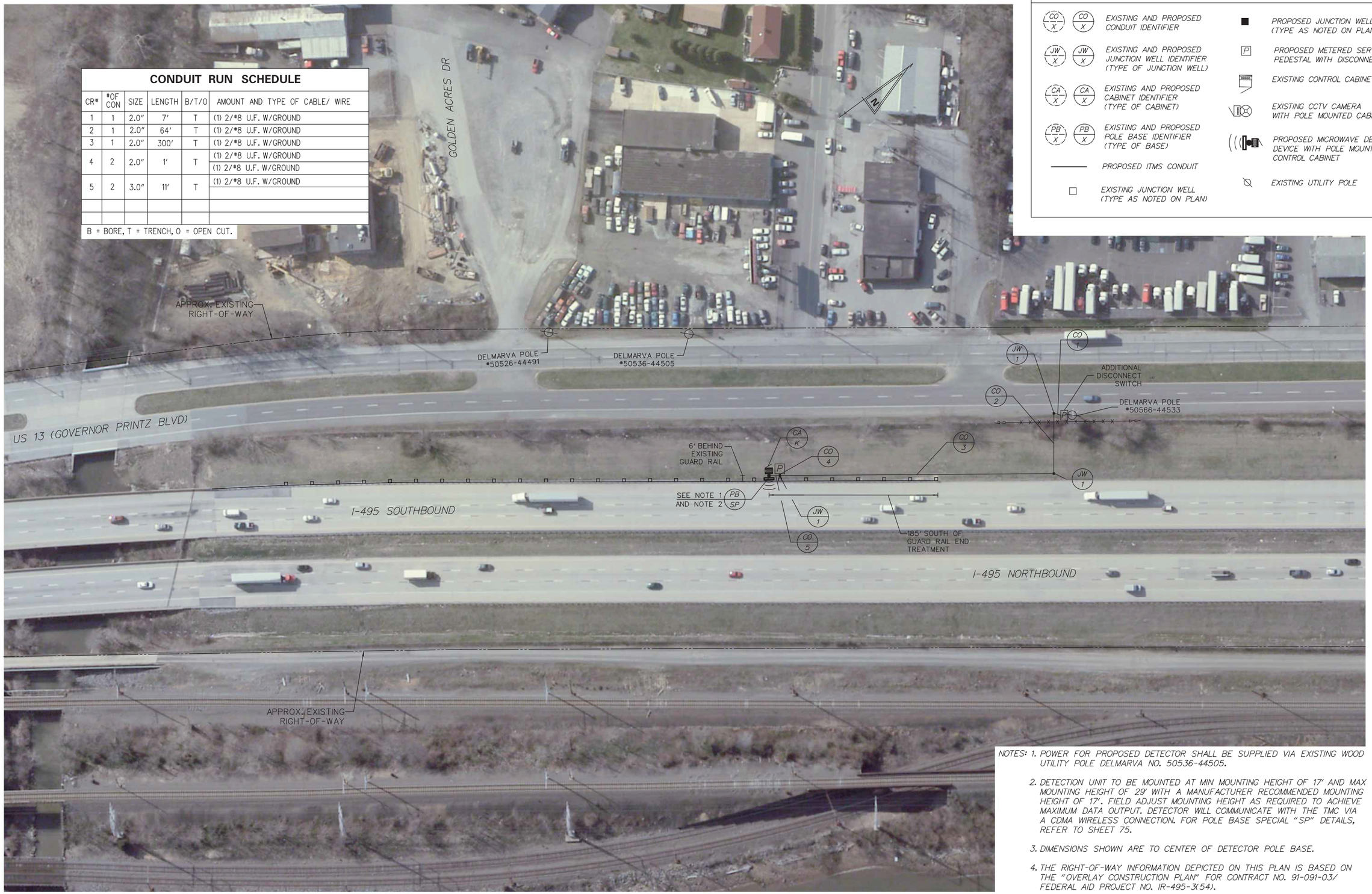
CONDUIT RUN SCHEDULE

CR#	#OF CON	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/ WIRE
1	1	2.0"	7'	T	(1) 2/#8 U.F. W/GROUND
2	1	2.0"	64'	T	(1) 2/#8 U.F. W/GROUND
3	1	2.0"	300'	T	(1) 2/#8 U.F. W/GROUND
4	2	2.0"	1'	T	(1) 2/#8 U.F. W/GROUND
					(1) 2/#8 U.F. W/GROUND
5	2	3.0"	11'	T	(1) 2/#8 U.F. W/GROUND

B = BORE, T = TRENCH, O = OPEN CUT.

LEGEND

- CO/X — EXISTING AND PROPOSED CONDUIT IDENTIFIER
- JW/X — EXISTING AND PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)
- CA/X — EXISTING AND PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)
- PB/X — EXISTING AND PROPOSED POLE BASE IDENTIFIER (TYPE OF BASE)
- PROPOSED ITMS CONDUIT
- EXISTING JUNCTION WELL (TYPE AS NOTED ON PLAN)
- PROPOSED JUNCTION WELL (TYPE AS NOTED ON PLAN)
- P — PROPOSED METERED SERVICE PEDESTAL WITH DISCONNECT SWITCH
- EXISTING CONTROL CABINET
- EXISTING CCTV CAMERA WITH POLE MOUNTED CABINET
- PROPOSED MICROWAVE DETECTION DEVICE WITH POLE MOUNTED CONTROL CABINET
- EXISTING UTILITY POLE

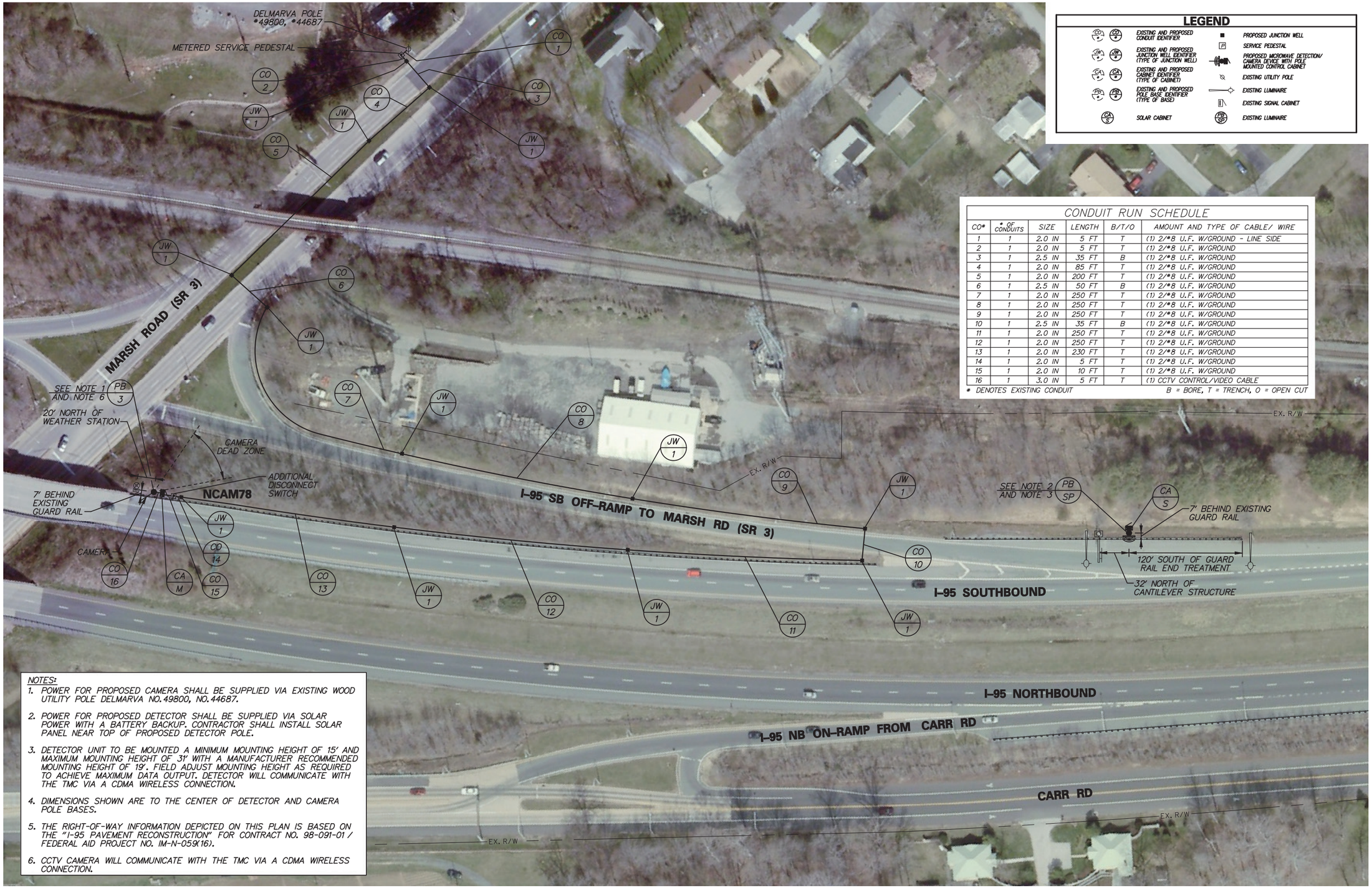


NOTES:

1. POWER FOR PROPOSED DETECTOR SHALL BE SUPPLIED VIA EXISTING WOOD UTILITY POLE DELMARVA NO. 50536-44505.
2. DETECTION UNIT TO BE MOUNTED AT MIN MOUNTING HEIGHT OF 17' AND MAX MOUNTING HEIGHT OF 29' WITH A MANUFACTURER RECOMMENDED MOUNTING HEIGHT OF 17'. FIELD ADJUST MOUNTING HEIGHT AS REQUIRED TO ACHIEVE MAXIMUM DATA OUTPUT. DETECTOR WILL COMMUNICATE WITH THE TMC VIA A CDMA WIRELESS CONNECTION. FOR POLE BASE SPECIAL "SP" DETAILS, REFER TO SHEET 75.
3. DIMENSIONS SHOWN ARE TO CENTER OF DETECTOR POLE BASE.
4. THE RIGHT-OF-WAY INFORMATION DEPICTED ON THIS PLAN IS BASED ON THE "OVERLAY CONSTRUCTION PLAN" FOR CONTRACT NO. 91-091-03/ FEDERAL AID PROJECT NO. IR-495-3(54).

9/12/2012 2:41:28 PM
\\RKKM\V2010\2010\10028_DELDOT_ITS\TASK 2 - I-495 SPEED DETECTION SITES\CADD\PLANS\CP15_I495-AS BUILT.DGN

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE 0 50 100 150 FEET	FREEWAY DETECTION INSTALLATION PROJECT	CONTRACT T201204701 / COUNTY NEW CASTLE	DETECTOR NO. ND0138 / DESIGNED BY: SM / CHECKED BY: JCR	SITE #16	SHEET NO. 17 / TOTAL SHTS. 75



LEGEND

EXISTING AND PROPOSED CONDUIT IDENTIFIER	PROPOSED JUNCTION WELL
EXISTING AND PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	SERVICE PEDESTAL
EXISTING AND PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	PROPOSED MICROWAVE DETECTION/ CAMERA DEVICE WITH POLE MOUNTED CONTROL CABINET
EXISTING AND PROPOSED POLE BASE IDENTIFIER (TYPE OF BASE)	EXISTING UTILITY POLE
SOLAR CABINET	EXISTING LUMINAIRE
	EXISTING SIGNAL CABINET
	EXISTING LUMINAIRE

CONDUIT RUN SCHEDULE

CO*	# OF CONDUITS	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/ WIRE
1	1	2.0 IN	5 FT	T	(1) 2/#8 U.F. W/GROUND - LINE SIDE
2	1	2.0 IN	5 FT	T	(1) 2/#8 U.F. W/GROUND
3	1	2.5 IN	35 FT	B	(1) 2/#8 U.F. W/GROUND
4	1	2.0 IN	85 FT	T	(1) 2/#8 U.F. W/GROUND
5	1	2.0 IN	200 FT	T	(1) 2/#8 U.F. W/GROUND
6	1	2.5 IN	50 FT	B	(1) 2/#8 U.F. W/GROUND
7	1	2.0 IN	250 FT	T	(1) 2/#8 U.F. W/GROUND
8	1	2.0 IN	250 FT	T	(1) 2/#8 U.F. W/GROUND
9	1	2.0 IN	250 FT	T	(1) 2/#8 U.F. W/GROUND
10	1	2.5 IN	35 FT	B	(1) 2/#8 U.F. W/GROUND
11	1	2.0 IN	250 FT	T	(1) 2/#8 U.F. W/GROUND
12	1	2.0 IN	250 FT	T	(1) 2/#8 U.F. W/GROUND
13	1	2.0 IN	230 FT	T	(1) 2/#8 U.F. W/GROUND
14	1	2.0 IN	5 FT	T	(1) 2/#8 U.F. W/GROUND
15	1	2.0 IN	10 FT	T	(1) 2/#8 U.F. W/GROUND
16	1	3.0 IN	5 FT	T	(1) CCTV CONTROL/VIDEO CABLE

* DENOTES EXISTING CONDUIT

B = BORE, T = TRENCH, O = OPEN CUT

NOTES:

1. POWER FOR PROPOSED CAMERA SHALL BE SUPPLIED VIA EXISTING WOOD UTILITY POLE DELMARVA NO. 49800, NO. 44687.
2. POWER FOR PROPOSED DETECTOR SHALL BE SUPPLIED VIA SOLAR POWER WITH A BATTERY BACKUP. CONTRACTOR SHALL INSTALL SOLAR PANEL NEAR TOP OF PROPOSED DETECTOR POLE.
3. DETECTOR UNIT TO BE MOUNTED A MINIMUM MOUNTING HEIGHT OF 15' AND MAXIMUM MOUNTING HEIGHT OF 31' WITH A MANUFACTURER RECOMMENDED MOUNTING HEIGHT OF 19'. FIELD ADJUST MOUNTING HEIGHT AS REQUIRED TO ACHIEVE MAXIMUM DATA OUTPUT. DETECTOR WILL COMMUNICATE WITH THE TMC VIA A CDMA WIRELESS CONNECTION.
4. DIMENSIONS SHOWN ARE TO THE CENTER OF DETECTOR AND CAMERA POLE BASES.
5. THE RIGHT-OF-WAY INFORMATION DEPICTED ON THIS PLAN IS BASED ON THE "I-95 PAVEMENT RECONSTRUCTION" FOR CONTRACT NO. 98-091-01 / FEDERAL AID PROJECT NO. IM-N-059(16).
6. CCTV CAMERA WILL COMMUNICATE WITH THE TMC VIA A CDMA WIRELESS CONNECTION.

N:\31768-002\CADD\SiteH_ITMS_I95.dgn
11/30/2011 7:39:38 AM

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUM / REVISIONS

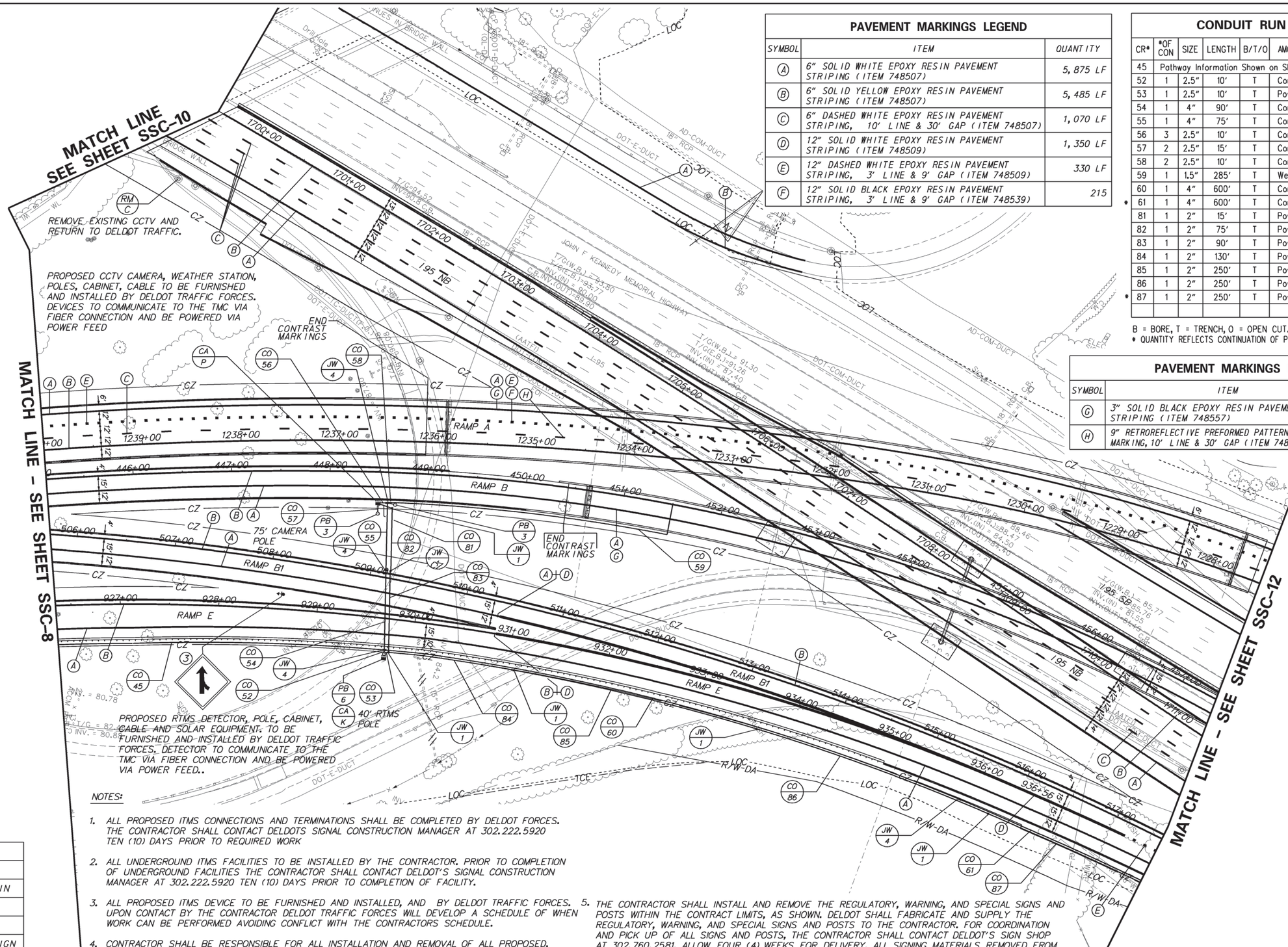
SCALE 0 50 100 150 FEET

FREEWAY DETECTION INSTALLATION PROJECT

CONTRACT	DETECTOR NO.	ND0096
T201204701	DESIGNED BY: L.F.W. (WR&A)	
COUNTY		
NEW CASTLE	CHECKED BY: N.M.L. (WR&A)	

SITE H

SHEET NO.
53
TOTAL SHTS.
75



PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
A	6" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748507)	5,875 LF
B	6" SOLID YELLOW EPOXY RESIN PAVEMENT STRIPING (ITEM 748507)	5,485 LF
C	6" DASHED WHITE EPOXY RESIN PAVEMENT STRIPING, 10' LINE & 30' GAP (ITEM 748507)	1,070 LF
D	12" SOLID WHITE EPOXY RESIN PAVEMENT STRIPING (ITEM 748509)	1,350 LF
E	12" DASHED WHITE EPOXY RESIN PAVEMENT STRIPING, 3' LINE & 9' GAP (ITEM 748509)	330 LF
F	12" SOLID BLACK EPOXY RESIN PAVEMENT STRIPING, 3' LINE & 9' GAP (ITEM 748539)	215

CONDUIT RUN SCHEDULE

CR*	*OF CON	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/ WIRE
45	Pathway Information Shown on Sheet SSC-8				
52	1	2.5"	10'	T	Comm. Cable
53	1	2.5"	10'	T	Power
54	1	4"	90'	T	Comm. Cable
55	1	4"	75'	T	Comm. Cable
56	3	2.5"	10'	T	Comm. Cable
57	2	2.5"	15'	T	Comm. Cable
58	2	2.5"	10'	T	Comm. Cable
59	1	1.5"	285'	T	Weather Sensor
60	1	4"	600'	T	Comm. Cable
* 61	1	4"	600'	T	Comm. Cable
81	1	2"	15'	T	Power
82	1	2"	75'	T	Power
83	1	2"	90'	T	Power
84	1	2"	130'	T	Power
85	1	2"	250'	T	Power
86	1	2"	250'	T	Power
* 87	1	2"	250'	T	Power

B = BORE, T = TRENCH, O = OPEN CUT.
* QUANTITY REFLECTS CONTINUATION OF PATHWAY SHOWN ON SHEET SSC-12

PAVEMENT MARKINGS LEGEND

SYMBOL	ITEM	QUANTITY
G	3" SOLID BLACK EPOXY RESIN PAVEMENT STRIPING (ITEM 748557)	850 LF
H	9" RETROREFLECTIVE PREFORMED PATTERNED CONTRAST MARKING, 10' LINE & 30' GAP (ITEM 748547)	215 LF

NOTES:

1. ALL PROPOSED ITMS CONNECTIONS AND TERMINATIONS SHALL BE COMPLETED BY DELDOT FORCES. THE CONTRACTOR SHALL CONTACT DELDOTS SIGNAL CONSTRUCTION MANAGER AT 302.222.5920 TEN (10) DAYS PRIOR TO REQUIRED WORK
2. ALL UNDERGROUND ITMS FACILITIES TO BE INSTALLED BY THE CONTRACTOR. PRIOR TO COMPLETION OF UNDERGROUND FACILITIES THE CONTRACTOR SHALL CONTACT DELDOT'S SIGNAL CONSTRUCTION MANAGER AT 302.222.5920 TEN (10) DAYS PRIOR TO COMPLETION OF FACILITY.
3. ALL PROPOSED ITMS DEVICE TO BE FURNISHED AND INSTALLED, AND BY DELDOT TRAFFIC FORCES. UPON CONTACT BY THE CONTRACTOR DELDOT TRAFFIC FORCES WILL DEVELOP A SCHEDULE OF WHEN WORK CAN BE PERFORMED AVOIDING CONFLICT WITH THE CONTRACTORS SCHEDULE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INSTALLATION AND REMOVAL OF ALL PROPOSED, TEMPORARY AND EXISTING STRIPING AS REQUIRED. ALL PROPOSED MARKINGS SHALL TIE INTO EXISTING MARKINGS IN ACCORDANCE WITH THE MUTCD AND AS DIRECTED BY THE DELDOT'S CONSTRUCTION ENGINEER.
5. THE CONTRACTOR SHALL INSTALL AND REMOVE THE REGULATORY, WARNING, AND SPECIAL SIGNS AND POSTS WITHIN THE CONTRACT LIMITS, AS SHOWN. DELDOT SHALL FABRICATE AND SUPPLY THE REGULATORY, WARNING, AND SPECIAL SIGNS AND POSTS TO THE CONTRACTOR. FOR COORDINATION AND PICK UP OF ALL SIGNS AND POSTS, THE CONTRACTOR SHALL CONTACT DELDOT'S SIGN SHOP AT 302.760.2581. ALLOW FOUR (4) WEEKS FOR DELIVERY. ALL SIGNING MATERIALS REMOVED FROM THIS PROJECT SHALL BE RETURNED TO DELDOT'S SIGN SHOP.
6. CONTRACTOR SHALL INSTALL RAISED PAVEMENT MARKERS IN ACCORDANCE WITH THE MUTCD.

SIGNING LEGEND

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

SIGN NOTE:

ALL EXISTING REGULATORY, WARNING, AND SPECIAL SIGNS ASSUMED TO BE REMOVED UNLESS OTHERWISE NOTED.

2/16/2011 3:34:54 PM
M:\projects\59_deltrnpk\SR1Mall\Cadd\2809003\Plans\cp89_SSC_sr1.dgn

DELAWARE DEPARTMENT OF TRANSPORTATION

ADDENDUMS / REVISIONS
ADDENDUM NO. 3 THIS SHEET 721A
REPLACES VOIDED SHEET 721
02/18/2011, JCR

SCALE 0 50 100 150 FEET

SR1 / I-95 INTERCHANGE

CONTRACT 28-090-03
COUNTY NEW CASTLE
BRIDGE NO.
DESIGNED BY: RK&K
CHECKED BY: JCR

SIGNING, STRIPING & CONDUIT PLAN

SSC-11
SHEET NO. 721A
TOTAL SHTS. 803