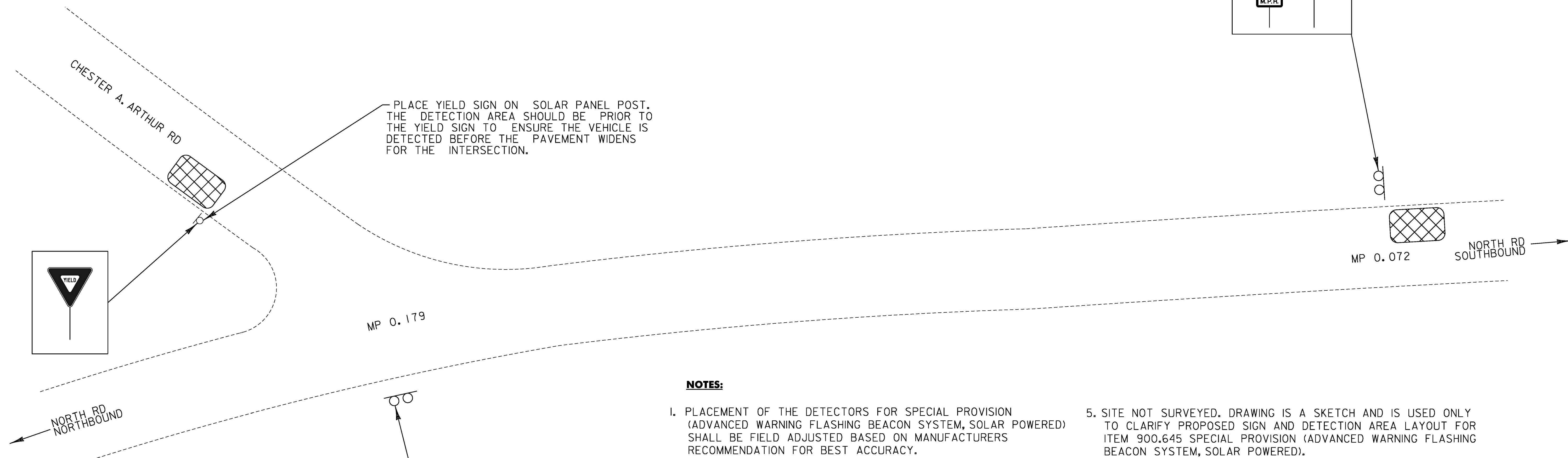
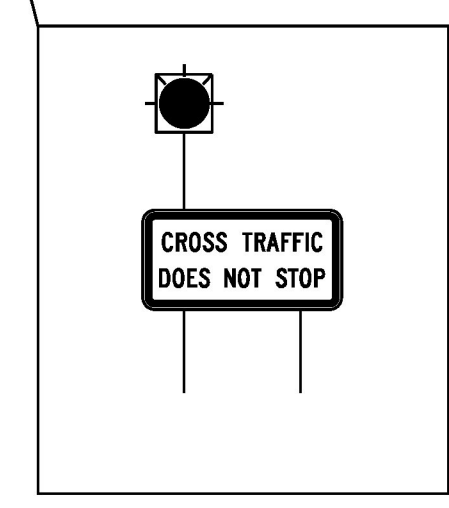
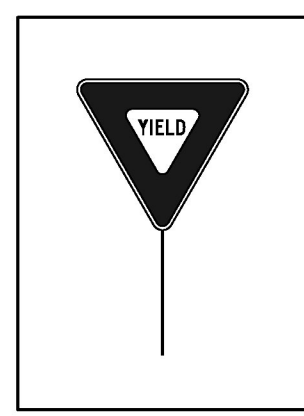
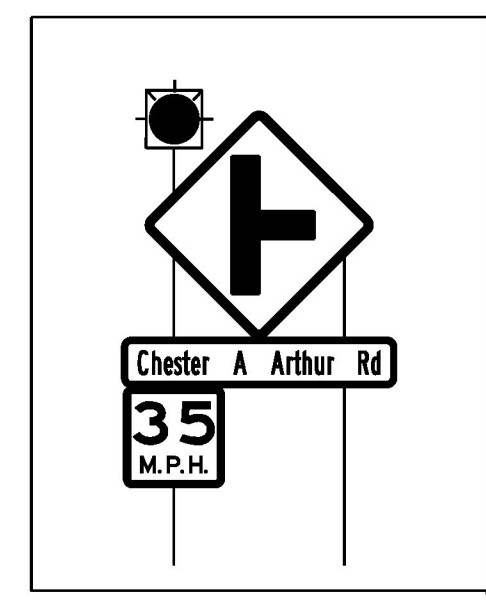


SPECIAL PROVISION  
(ADVANCED FLASHING BEACON SYSTEM, SOLAR POWERED)  
DETECTORS

MP 0.072 (INSTALL ON NORTH ROAD)  
MP 0.179 (INSTALL ON CHESTER A. ARTHUR ROAD)

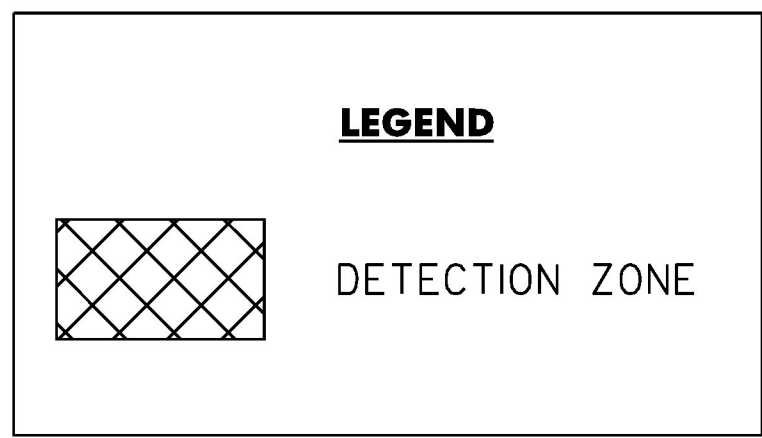


PLACE YIELD SIGN ON SOLAR PANEL POST. THE DETECTION AREA SHOULD BE PRIOR TO THE YIELD SIGN TO ENSURE THE VEHICLE IS DETECTED BEFORE THE PAVEMENT WIDENS FOR THE INTERSECTION.



**NOTES:**

1. PLACEMENT OF THE DETECTORS FOR SPECIAL PROVISION (ADVANCED WARNING FLASHING BEACON SYSTEM, SOLAR POWERED) SHALL BE FIELD ADJUSTED BASED ON MANUFACTURERS RECOMMENDATION FOR BEST ACCURACY.
2. SOLAR PANELS AND CONTROLLER EQUIPMENT SHALL BE MOUNTED ON HEAVY DUTY STEEL POSTS.
3. DETECTORS SHALL COMMUNICATE WIRELESSLY TO FLASHING BEACONS, AND SHALL BE INDUCTIVE LOOPS WITH 6'X6' DETECTION AREAS.
4. ALL UNITS FOR SPECIAL PROVISION (ADVANCED WARNING FLASHING BEACON SYSTEM, SOLAR POWERED) SHALL BE SOLAR POWERED. THE SOLAR POWER SHALL BE FIELD ADJUSTED BASED ON THE MANUFACTURER'S RECOMMENDATIONS TO ASSURE MAXIMUM SOLAR INPUT AND POWER OUTPUT.
5. SITE NOT SURVEYED. DRAWING IS A SKETCH AND IS USED ONLY TO CLARIFY PROPOSED SIGN AND DETECTION AREA LAYOUT FOR ITEM 900.645 SPECIAL PROVISION (ADVANCED WARNING FLASHING BEACON SYSTEM, SOLAR POWERED).
6. SIGNS THAT DO NOT PERTAIN TO THE SPECIAL PROVISION AND THE DETECTION AREA LAYOUT ARE LEFT OUT OF THIS SKETCH FOR CLARITY.
7. BUSHES AT MP 0.072 MAY NEED TO BE TRIMMED BACK TO ALLOW VISIBILITY FOR PROPOSED SIGN.
8. SIGNS, POST ASSEMBLIES, AND/OR EQUIPMENT FOR THE W4-4P AND RI-2 SIGNS AT MP 0.179, AND THE W2-2R SIGN AND POST AT MP 0.072 ARE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION, (ADVANCED WARNING FLASHING BEACON SYSTEM, SOLAR POWERED).



**FAIRFIELD, NORTH RD.  
CHESTER A. ARTHUR RD. INTERSECTION**

NOT TO SCALE

PROJECT NAME:	STATEWIDE NORTH REGION
PROJECT NUMBER:	STP HRRR(22)
FILE NAME: z14ki00tsdet+all.dgn	PLOT DATE: 5/31/2017
PROJECT LEADER: K. RUTTER	DRAWN BY: R. SHEDD
DESIGNED BY: R. SHEDD	CHECKED BY: K. RUTTER
DETAIL SHEET 3	SHEET 12 OF 255

CLD 15-0170