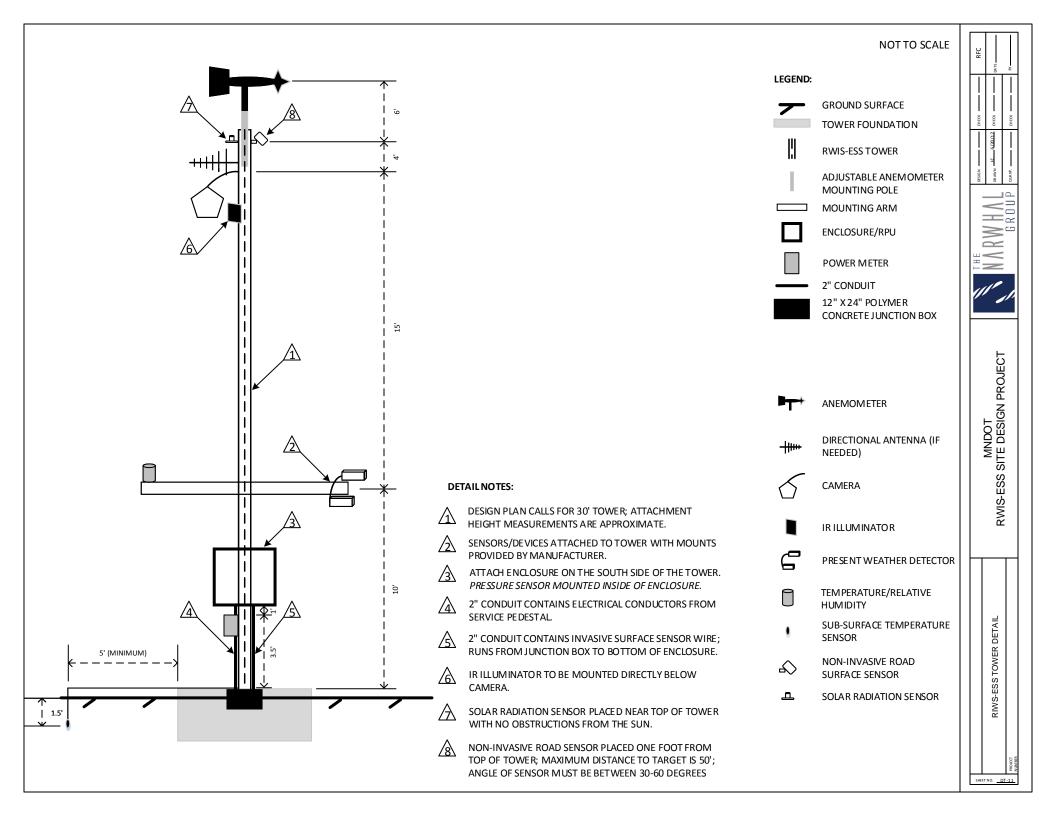
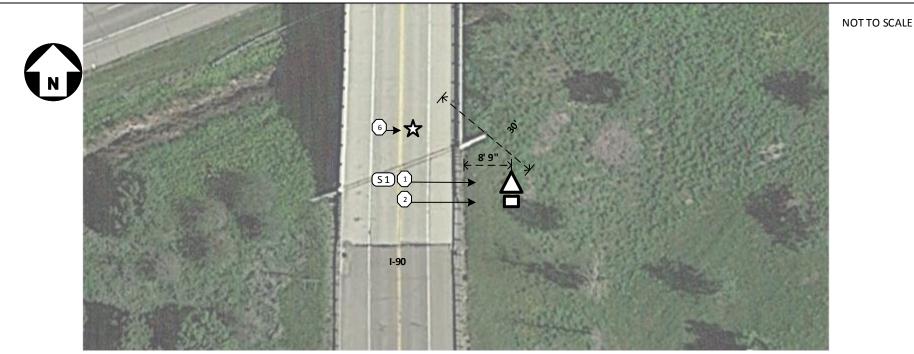


-	
	λ
	Ŷ
	N.
	L 100' SCALE
11114	
A B	
1010	and the office of the second s
12 5==×====	
(1	Move the vault from approximate
	Verify the vault is located in a location that can be accessed easily in the
	future.
	The vault at 215+55 should also be moved near the vault at 214+00. The duct bank conduits should end in
	a vault for future use.
	TRAFFIC MANAGEMENT SYSTEM
	PLAN SHEET LOCATION





LEGEND:

☆

RWIS-ESS FOUNDATION AND TOWER (

12" X 24" POLYMER CONCRETE JUNCTION BOX

NON-INVASIVE PAVEMENT SENSOR TARGET

SHEET NOTES:

(1) INSTALL FOUNDATION, GROUNDING, TOWER, AND ENSURE A FLAT FACE OF TOWER FACES SOUTH. INSTALL BOTTOM OF ENCLOSURE 4.5' ABOVE FOUNDATION ON THE TOWER SO THAT IT OPENS TO THE SOUTH. FOR ADDITIONAL TOWER INSTALLATION NOTES/PROCE DURES REFER TO APPENDIX A FOR SPECIFICATIONS PROVIDED BY MANUFACTURER.

DT-03

- (2) INSTALL 12" X 24" POLYMER CONCRETE JUNCTION BOX ON SOUTH SIDE OF TOWER FOUNDATION SO THAT YOU ARE STANDING ON IT WHEN LOOKING INTO THE ENCLOSURE; INSTALL FLUSH WITH TOWER FOUNDATION. JUNCTION BOX DEPTH SHOULD BE IN COMPLIANCE WITH MNDOT STANDARDS. INSTALL 2" CONDUIT FROM JUNCTION BOX TO BOTTOM OF ENCLOSURE.
- 6 NON-INVASIVE SURFACE SENSOR TARGET SHOULD BE IN MIDDLE OF NEAREST TRAVEL LANE.

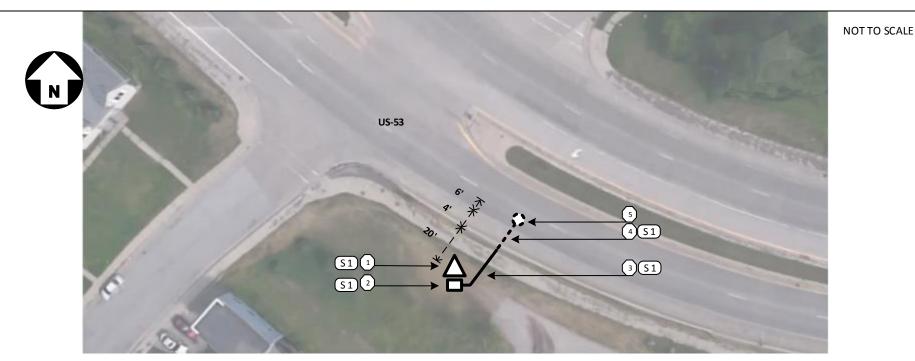
NON-INVASIVE SENSOR NOTES:

S1 INSTALL NON-INVASIVE PAVEMENT SENSOR ~29' UP TOWER TO HIT CENTER OF NEAREST TRAVEL LANE. SENSOR ANGLE MUST BE WITHIN MANUFACTURER SPECIFICATIONS.

MN0149 – WELLS; 43.65757, -93.7282

SHEET NO.

SITE PLAN



LEGEND:



- 12" X 24" POLYMER CONCRETE JUNCTION BOX
- IN-PAVEMENT SENSOR
- 2" CONDUIT SCHEDULE 40
- •••• PAVEMENT CUT

SHEET NOTES:

- (1) INSTALL FOUNDATION, GROUNDING, TOWER, AND ENSURE A FLAT FACE OF TOWER FACES SOUTH. INSTALL BOTTOM OF ENCLOSURE 4.5' ABOVE FOUNDATION ON THE TOWER SO THAT IT OPENS TO THE SOUTH. FOR ADDITIONAL TOWER INSTALLATION NOTES/PROCE DURES REFER TO APPENDIX A FOR SPECIFICATIONS PROVIDED BY MANUFACTURER.
- (2) INSTALL 12" X 24" POLYMER CONCRETE JUNCTION BOX ON SOUTH SIDE OF TOWER FOUNDATION SO THAT YOU ARE STANDING ON IT WHEN LOOKING INTO THE ENCLOSURE; INSTALL FLUSH WITH TOWER FOUNDATION. JUNCTION BOX DEPTH SHOULD ACCOUNT FOR CONDUIT DEPTH IN SHEET NOTE 3. INSTALL 2" CONDUIT FROM JUNCTION BOX TO BOTTOM OF ENCLOSURE.
- (3) INSTALL 2" CONDUIT FROM JUNCTION BOX INTO GROUND AT PROPER DEPTH. RUN CONDUIT AT PROPER DEPTH TO EDGE OF PAVEMENT CUT. CONDUIT DEPTH SHOULD BE IN COMPLIANCE WITH MNDOT STANDARDS.
- CUT PAVEMENT FROM PAVEMENT EDGE TO CENTER OF TRAVEL LANE; CUT MADE IN ACCORDANCE TO SURFACE SENSOR MANUFACTURER SPECIFICATIONS.
- (5) INSTALL INVASIVE SURFACE SENSOR AND PAVEMENT SEALANT ACCORDING TO MANUFACTURER SPECIFICATIONS. SENSOR MEASUREMENT FROM FOG LINE IS PRECISE TO ENSURE SENSOR IS LOCATED IN THE CENTER OF THE TRAVEL LANE.

CONDUIT/PAVEMENT CUT NOTES:

S1 INSTALL SENSOR CABLE FROM SENSOR TO JUNCTION BOX TO ENCLOSURE.

MNDOT RWIS-ESS SITE DESIGN PROJECT

46.77136, -92.13752

- PIEDMONT AVE;

MN095

SHEET NO.

SITE PLAN