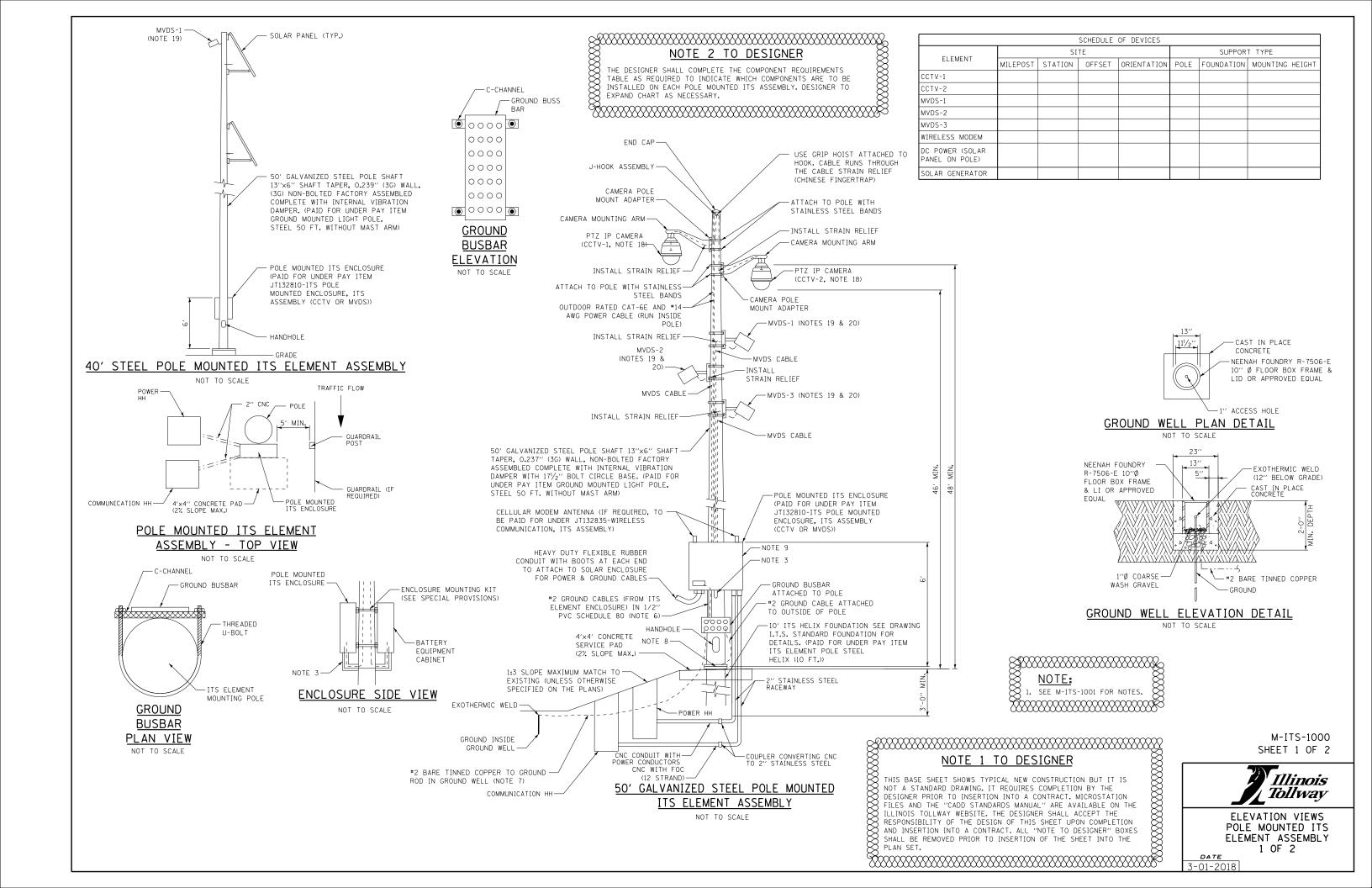
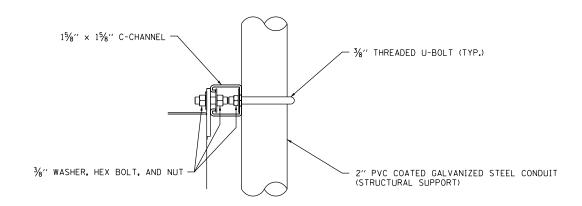
_		rawings					
<u> </u>	<mark>ase Sheet D</mark> Drawing	Modification Summary Effective: 2018-03-01					
	Drawing	Modification Summary Effective: 2016-03-01					
		Pole Assembly (ITS)-Series 1000					
<u> </u>	M-ITS-1000	Elevation Views Pole Mounted ITS Element Assembly					
<u>-</u> '	<u>WI-II 3- 1000</u>	Added disconnect switch detail sheet.					
<u> </u>							
<u> </u>		Minor editorial changes.					
	Dynamia Managas Cinn (ITO) Conice 4400						
<u> </u>	14 ITO 4400	Dynamic Message Sign (ITS)-Series 1100					
_ '	M-ITS-1100	DMS Type 1 Electrical Plan					
		Minor editorial changes.					
	M-ITS-1101	DMS Type 1 Site Grounding Plan					
		Minor editorial changes.					
	M-ITS-1102	DMS Type 1 Typical Site Wiring Detail					
		Minor editorial changes					
	M-ITS-1103	DMS Type 2-Cantilever Electrical Plan					
		Minor editorial changes.					
		DMS Type 2-Butterfly Electrical Plan					
-		Minor editorial changes					
⊢,	M-ITS-1105	DMS Type 2 Site Grounding Plan					
<u></u>	WI-113-1103	<u> </u>					
<u> </u>		Clarified coarse wash gravel specifications.					
<u> </u>		Minor editorial changes.					
<u></u> —'	M-ITS-1106	DMS Type 2 Site Wiring Details					
		Minor editorial changes					
	M-ITS-1107	DMS Cabinet Layout Detail					
		Minor editorial changes.					
ı	M-ITS-1108	DMS Cabinet Wiring Diagram					
		Minor editorial changes.					
		Cabinet Wiring (ITS)-Series 1200					
м	I-ITS-1200 to						
	M-ITS-1255	Cabinet Wiring Diagrams					
 "	11-110-1200	Revised DIN3 IP relay to DIN4.					
М	I-ITS-1200 to	Interised blind in relay to blind.					
	M ITC 4207						
		Cabinet Wiring Diagrams					
	W-ITS-1210,						
<u> </u>	M-ITS-1255						
<u> </u>	170 1000 1	Added single mode fiber patch panel.					
- 1	I-ITS-1200 to						
	M-ITS-1202,	Cabinet Wiring Diagrams					
	I-ITS-1223 to						
<u> </u>	M-ITS-1254						
\vdash		Added power over ethernet injector(s).					
<u></u>	M-ITS-1200	ITS Pole Mounted Enclosure (CCTV and MVDS)					
$ldsymbol{ld}}}}}}$		Added second sheet showing scale layout.					
	I-ITS-1203 to						
N	M-ITS-1205,						
	I-ITS-1211 to	Cabinet Wiring Diagrams					
M-	ITC 4222 M	Outside Willing Blagianis					
	-ITS-1222, M-						
IT:	S-1231 to M-						
1							
1	S-1231 to M-	Clarified MVDS wiring.					
	S-1231 to M-	Clarified MVDS wiring. Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less					
	S-1231 to M- ITS-1254						
	S-1231 to M- ITS-1254	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less					
	S-1231 to M- ITS-1254	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired.					
7	S-1231 to M- ITS-1254 Mits-4256	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300					
	S-1231 to M- ITS-1254	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail					
	S-1231 to M- ITS-1254 M-ITS-4256 M-ITS-1300	Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design					
	S-1231 to M- ITS-1254 Mits-4256	Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram					
	S-1231 to M- ITS-1254 M-ITS-4256 M-ITS-1300	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design.					
	M-ITS-1300 M-ITS-1301	Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber.					
	S-1231 to M- ITS-1254 M-ITS-4256 M-ITS-1300	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan					
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	M-ITS-1301 M-ITS-1302	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor.					
	M-ITS-1301 M-ITS-1302	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor. RWIS Road Surface Sensor Pole					
	M-ITS-1301 M-ITS-1302	Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor. RWIS Road Surface Sensor Pole Retired.					
	S-1231 to M- ITS-1254 M-ITS-1256 M-ITS-1300 M-ITS-1301 M-ITS-1302	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor. RWIS Road Surface Sensor Pole Retired. Tower Mounted CCTV (ITS)-Series 1500					
	S-1231 to M- ITS-1254 M-ITS-1256 M-ITS-1300 M-ITS-1301 M-ITS-1302	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor. RWIS Road Surface Sensor Pole Retired. Tower Mounted CCTV (ITS)-Series 1500 ITS Details Tower Mount Camera Assembly					
	S-1231 to M- ITS-1254 M-ITS-1256 M-ITS-1300 M-ITS-1301 M-ITS-1302	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor. RWIS Road Surface Sensor Pole Retired. Tower Mounted CCTV (ITS)-Series 1500					
	S-1231 to M- ITS-1254 M-ITS-1256 M-ITS-1300 M-ITS-1301 M-ITS-1302	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor. RWIS Road Surface Sensor Pole Retired. Tower Mounted CCTV (ITS)-Series 1500 ITS Details Tower Mount Camera Assembly Reference to M-ITS-1256 changed to M-ITS-1255 to reflect changes in 1200 series.					
	M-ITS-1301 M-ITS-1302 M-ITS-1302 M-ITS-1303	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor. RWIS Road Surface Sensor Pole Retired. Tower Mounted CCTV (ITS)-Series 1500 ITS Details Tower Mount Camera Assembly Reference to M-ITS-1256 changed to M-ITS-1255 to reflect changes in 1200 series.					
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	M-ITS-1301 M-ITS-1302 M-ITS-1502 M-ITS-1502	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor. RWIS Road Surface Sensor Pole Retired. Tower Mounted CCTV (ITS)-Series 1500 ITS Details Tower Mount Camera Assembly Reference to M-ITS-1256 changed to M-ITS-1255 to reflect changes in 1200 series.					
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	M-ITS-1300 M-ITS-1301 M-ITS-1302 M-ITS-1302 M-ITS-1502 M-BUS-2501 M-BUS-2525	Tower Mounted CCTV ITS Assembly, 300' CAT6 or Less Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. Added non-intrusive pavement sensor. RWIS Road Surface Sensor Pole Retired. Tower Mounted CCTV (ITS)-Series 1500 ITS Details Tower Mount Camera Assembly Reference to M-ITS-1256 changed to M-ITS-1255 to reflect changes in 1200 series. Plaza Electrical (Business System)-Series 2500 Legend, Symbol List, Abbreviations and Equipment Schedules Minor editorial changes. I-Pass Only (IPO) Lane Island Plan and Details 12 Foot Wide Lane Minor editorial changes.					
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	M-ITS-1300 M-ITS-1301 M-ITS-1302 M-ITS-1302 M-ITS-1302 M-ITS-1502 M-BUS-2525 M-BUS-2526	Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. RWIS Road Surface Sensor Pole Retired. Tower Mounted CCTV (ITS)-Series 1500 ITS Details Tower Mount Camera Assembly Reference to M-ITS-1256 changed to M-ITS-1255 to reflect changes in 1200 series. Plaza Electrical (Business System)-Series 2500 Legend, Symbol List, Abbreviations and Equipment Schedules Minor editorial changes. I-Pass Only (IPO) Lane Island Plan and Details 12 Foot Wide Lane Minor editorial changes. Toll Equipment Wiring Diagram ACM and IPO Lanes Minor editorial changes.					
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	M-ITS-1300 M-ITS-1301 M-ITS-1302 M-ITS-1302 M-ITS-1302 M-ITS-1502 M-BUS-2525 M-BUS-2526	Retired. Roadway Weather Information System (ITS)-Series 1300 RWIS Pole, Sensor Mounting Detail Sheet redrawn with new pole-mounted RWIS design RWIS Cabinet Wiring Diagram Sheet redrawn with new pole-mounted RWIS design. RWIS connected to fiber. Typical RWIS Site Installation Plan Sheet redrawn with new pole-mounted RWIS design. RWIS Road Surface Sensor Pole Retired. Tower Mounted CCTV (ITS)-Series 1500 ITS Details Tower Mount Camera Assembly Reference to M-ITS-1256 changed to M-ITS-1255 to reflect changes in 1200 series. Plaza Electrical (Business System)-Series 2500 Legend, Symbol List, Abbreviations and Equipment Schedules Minor editorial changes. I-Pass Only (IPO) Lane Island Plan and Details 12 Foot Wide Lane Minor editorial changes. Toll Equipment Wiring Diagram ACM and IPO Lanes Minor editorial changes.					

Retired Sheet

New Sheet

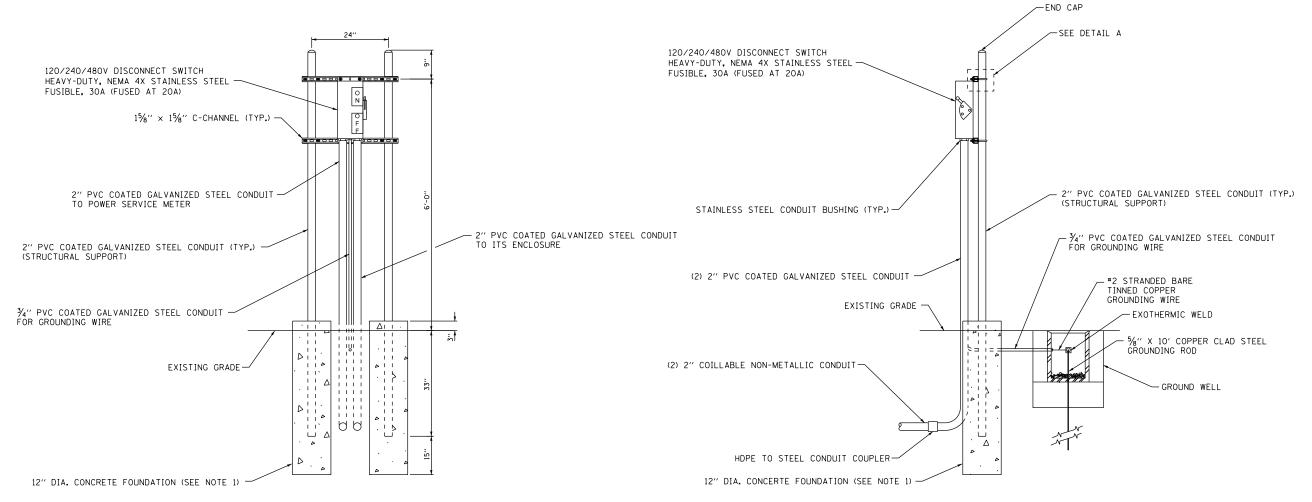




DETAIL A - TYPICAL MOUNTING ATTACHMENT CONNECTION

NOTES:

- 1. CONTRACTOR MAY ELECT TO CONSTRUCT A SINGLE, MONOLITHIC FOUNDATION IN PLACE OF THE FOUNDATION SHOWN ON THIS SHEET. CONTRACTOR SHALL SUBMIT ALTERNATE FOUNDATION DESIGN TO ENGINEER PRIOR TO CONSTRUCTION.
- 2. ALL CONCRETE SHALL BE IDOT CLASS SI.
- 3. DISCONNECT SWITCH, POSTS, FOUNDATION, AND MOUNTING HARDWARE ARE INCLUDED IN PAY ITEM "ITS DISCONNECT SWITCH ASSEMBLY" (JT132814).
- 4. DETAILS SHOWN IN THIS DRAWING APPLY ONLY TO LOCATIONS WHERE A STANDALONE DISCONNECT SWITCH IS REQUIRED AT AN ITS POLE.



DISCONNECT SWITCH ON ELECTRICAL FRAME FRONT VIEW

DISCONNECT SWITCH ON ELECTRICAL FRAME SIDE VIEW



POLE MOUNTED ITS ELEMENT ASSEMBLY 2 OF 2

3-01-2018

GENERAL NOTES:

- ITS ELEMENT POLES SHIELDED BY GUARDRAIL SHALL BE LOCATED A MINIMUM OF 5' TO A MAXIMUM OF 20' BEHIND THE GUARDRAIL POST, SEE ILLINOIS TOLLWAY GUARDRAIL STANDARD (SECTION C OF STANDARDS) FOR MORE INFORMATION, ALL OTHER POLES SHALL BE LOCATED OUTSIDE THE CLEAR ZONE. FINAL LOCATION TO BE APPROVED BY THE
- ANY GROUND CABLES ROUTED INSIDE THE ENCLOSURE SHALL BE GREEN INSULATED TYPE RHW CONDUCTORS. ANY GROUND CONDUCTORS THAT ARE BURIED SHALL BE BARE COPPER TINNED. ANY GROUND CONNECTED TO THE EXTERNAL GROUND BUSBAR SHALL BE CADWELDED TO THE BUSBAR, PVC SCH 80 CONDUIT SHOULD BE GROMMETTED ON END GOING TO BUSBAR TO PREVENT RODENTS AND INSECTS FROM ENTERING.
- 3. PROVIDE A $1\frac{1}{2}$ " ALUMINUM CONDUIT NIPPLE WITH LB FITTING FOR ROUTING ITS ELEMENT CABLES INSIDE THE POLE TO THE EQUIPMENT ENCLOSURE. DRILL AND TAP POLE FOR THE CONDUIT NIPPLE, CABLE SLACK SHALL BE PULLED AND FASTENED WITHIN THE TOP OF THE POLE. PROPER CABLE STRAIN RELIEF SHALL BE INSTALLED AND APPROVED BY THE ENGINEER. ALL CABLE RUN INSIDE THE POLE SHALL NOT HANG BELOW THE TOP OF THE HANDHOLE COVER ON THE POLE.
- 4. ALL CONDUITS ENTERING THE ENCLOSURE SHALL BE SEALED. SEE "ITS POLE MOUNTED ENCLOSURE, ITS ASSEMBLY (CCTV OR MVDS)" SPECIAL PROVISION FOR MORE DETAIL FOR
- 5. CONTRACTOR TO PROVIDE ALL POWER, COMMUNICATIONS AND GROUND WIRING REQUIRED FOR SYSTEM OPERATION.
- ATTACH PVC SCH 80 CONDUIT TO POLE FOR SUPPORT. USE METAL BUSHING WHEN CONNECTING PVC TO CABINET. USE GROMMETS AT BOTH ENDS OF CONDUIT TO SEAL CONDUIT BUT ALLOW GROUND CABLE TO RUN THROUGH BOTH ENDS.
- 7. GROUND ROD SHALL BE PLACED A MINIMUM OF 10' FROM THE FOUNDATION. A GROUND WELL SHALL BE INCLUDED TO PERMIT ACCESS TO THE GROUND ROD CONNECTION. CONNECTION TO THE GROUND BUSBAR AND THE GROUND ROD SHALL BE CADWELD.
- 8. A FLAT STEEL MESH PANEL ALONG WITH A COMMERCIALLY AVAILABLE HYDROPHOBIC LOW DENSITY COMPOSITE BACKFILL MATERIAL (KNOWN AS Q-SET 250) SHALL BE INSTALLED BETWEEN THE ANCHOR BASE AND THE POLE TO PREVENT THE ENTRY OF RODENTS INTO THE POLE. SEE SPECIAL PROVISIONS FOR MORE DETAILS.
- THIS ITS ELEMENT ENCLOSURE DETAIL WILL BE UTILIZED FOR POLE MOUNTED APPLICATIONS ONLY, IT CANNOT BE UTILIZED FOR TOWER MOUNTED APPLICATION.
- 10. BACKFILL PER ILLINOIS TOLLWAY STANDARD H1. BACKFILL SHALL BE TO THE TOP OF THE POLE BASE ON ALL SIDES.
- 11. ALL CABLING (INCLUDING CABLING INSIDE THE ENCLOSURE) IS OUTDOOR RATED. CAMERA CABLE PART NUMBERS ARE: CAT-6E CABLE (BELDEN CATALOG NO. 7953A) AND #14 AWG 3/C CCTV POWER CABLE (BELDEN CATALOG NO. 9367). THE GROUND WIRE (WHITE) IN THE 3/C *14 AWG POWER CABLE SHALL BE TAPED GREEN. ANY OTHER ITS ELEMENT WILL USE SPECIFIC CABLE ASSOCIATED TO THAT ELEMENT.
- 12. THE J-HOOK SHALL BE WELDED IN PLACE TO THE SIDE OF THE POLE, NEAR THE TOP OF THE POLE. THE CONTRACTOR SHALL PROVIDE A CUSTOM FLAT TOP POLE CAP THAT WILL FIT THE POLE TOP WITH THE J-HOOK WELDED TO THE SIDE. THE POLE CAP SHALL BE SECURED TO THE POLE BY DRILLING AND INSERTING SET SCREWS
- 13. THIS DRAWING IS A MULTI-PURPOSE DRAWING THAT INCLUDES TWO TYPES OF CONNECTIONS TO A SOLAR POWERED BATTERY ENCLOSURE. IF SOLAR POWER IS UTILIZED, THEN THE SPECIAL PROVISIONS WILL CALL OUT THE MATERIAL AND NECESSARY CONNECTIONS TO THE ITS FLEMENT ENCLOSURE.
- 14. CONSTRUCT A 4 FT. X 4 FT. CONCRETE SERVICE PAD 6-INCHES FROM THE POLE BASE ON THE SAME SIDE AS THE ITS ENCLOSURE, CENTERED WITH THE ITS ENCLOSURE.
- 15. THIRTY DAYS PRIOR TO INSTALLING ANY NEW CCTV CAMERA, MVDS, SWITCH, WIRELESS OR FIBER OPTIC MODEM, THE CONTRACTOR SHALL COORDINATE DEVICE CONFIGURATION WITH
- 16. THE DISCONNECT SWITCH, SUPPORT, AND ASSOCIATED CONDUIT SHALL BE INSTALLED FOR ITS SITES WHERE THE UTILITY SERVICE INSTALLATION IS GREATER THAN 500 FEET FROM THE ITS SITE OR LOCATED ON THE OPPOSITE SIDE OF THE ROADWAY FROM THE ITS SITE.
- 17. ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

CCTV NOTES:

18. FINAL PLACEMENT HEIGHTS OF THE CCTV CAMERAS SHALL BE BASED ON SITE CONDITIONS, ILLINOIS TOLLWAY OPERATIONAL NEEDS, AND AS PER MANUFACTURER'S MOUNTING RECOMMENDATIONS. THE HEIGHT SHALL BE APPROVED BY THE ENGINEER ONLY AFTER REVIEW BY ILLINOIS TOLLWAY ITS OPERATIONS.

MVDS NOTES:

- 19. FINAL PLACEMENT HEIGHT OF THE MVDS SHALL BE BASED ON SITE CONDITIONS. REFER TO THE MVDS MANUFACTURER'S INSTALLATION GUIDE FOR RECOMMENDATIONS. THE HEIGHT SHALL BE APPROVED BY THE ENGINEER. THE MVDS SHALL BE PERPENDICULARLY ALIGNED TO THE ROADWAY IT IS INTENDING TO BE SENSING.
- 20. TWO MVDS UNITS ARE REQUIRED FOR THE FOLLOWING APPLICATIONS: A) GATHER DATA FROM A MAINLINE ROADWAY SENSOR APPLICATION THAT REQUIRES TWO SENSORS.

B) ONE MYDS MAY BE UTILIZED FOR MAINLINE ROADWAY SENSING, WHILE THE SECOND IS UTILIZED FOR RAMP COUNTING OR ROD. THE CONTRACTOR SHALL ORIENT THE MYDS UNITS PERPENDICULAR TO THE ROADWAY BEING DETECTED.

ITS ASSEMBLY CABINET - IP RELAY WIRING TABLE								
	DESCRIPTION	CONNECTION FROM		CONNECTION TO				
IP TERMINAL	IP TERMINAL ASSIGNMENT	DEVICE	CONNECTION	DEVICE	CONNECTION			
		IP RELAY	1 NC	CIRCUIT BREAKER	CB4B			
1	CCTV1	IP RELAY	1 COMM	SURGE SUPPRESSOR	DIN 1			
		IP RELAY	2 NC	CIRCUIT BREAKER	CB5B			
2	CCTV2	IP RELAY	2 COMM	SURGE SUPPRESSOR	DIN 2			
_	RESERVED FOR							
3	DMS LOAD SHEDDING RELAY							
	DECEDUED FOR							
	RESERVED FOR							
4	DMS CONTROLLER							
	DECEDUED FOR							
	RESERVED FOR							
5	FLASHING BEACONS							
		IP RELAY	6 NC	CIRCUIT BREAKER	CB6B			
6	MVDS 3	IP RELAY	6 COMM	T-BUS	DIN 6			
6	MAD2 2	IP RELAT	6 CUMM	1-802	DIN 6			
		IP RELAY	7 NC	CIRCUIT BREAKER	CB7B			
7	MVDS 1	IP RELAY	7 COMM	T-BUS	DIN 7			
	MINDOI	II INCLAT	1 COMIN	1 003	DIN			
		IP RELAY	8 NC	CIRCUIT BREAKER	CB8B			
8	MVDS 2	IP RELAY	8 COMM	T-BUS	DIN 8			
0	WITDS E	II INCLAI	O CONIN	1 503	51 5			

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NOTE 2 10 DESIGNET

DESIGNER TO UPDATE THE "ITS ASSEMBLY CABINET - IP RELAY WIRING TABLE"
IN ACCORDANCE WITH ILLINOIS TOLLWAY DIRECTION.

NOTE 1 TO DESIGNER

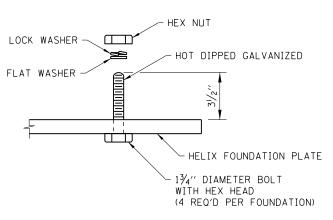
THIS BASE SHEET SHOWS TYPICAL NEW CONSTRUCTION BUT IT IS NOT A STANDARD DRAWING. IT REQUIRES COMPLETION BY THE DESIGNER PRIOR TO INSERTION INTO A CONTRACT. MICROSTATION FILES AND THE "CADD STANDARDS MANUAL" ARE AVAILABLE ON THE ILLINOIS TOLLWAY WEBSITE. THE DESIGNER SHALL ACCEPT THE RESPONSIBILITY OF THE DESIGN OF THIS SHEET UPON ITS COMPLETION AND INSERTION INTO A CONTRACT. ALL "NOTE TO DESIGNER" BOXES SHALL BE REMOVED PRIOR TO INSERTION OF THE SHEET INTO THE PLAN SET.

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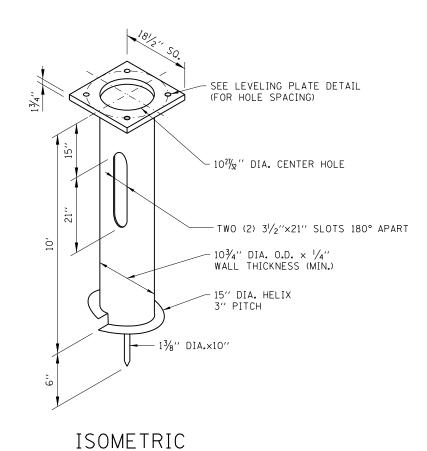


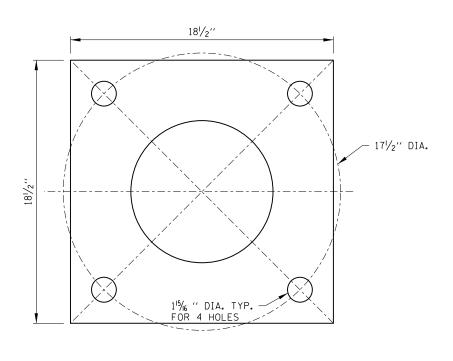
GENERAL NOTES POLE MOUNTED ITS **ELEMENT ASSEMBLY**

DATE 3-31-2017



BASE ATTACHMENT DETAIL $\overline{17}/_{2}$ " BASE DIA.





NOTE TO DESIGNER

ALL NEW 50 FT. STEEL ITS POLES REQUIRE A 171/2" DIA. BOLT CIRCLE. SHOULD A 15" DIA. BOLT CIRCLE BE REQUIRED, THE DSE SHALL REFERENCE ILLINOIS TOLLWAY STANDARD DRAWING H1 (LIGHT STANDARD FOUNDATION).

LEVELING PLATE

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ITS STANDARD FOUNDATION

DATE 3-31-2017