



**GENERAL NOTES**

1. LOADING AND ALLOWABLE STRESS CRITERIA: 1994 AASHTO
2. MAXIMUM 1-INCH POLE TOP DEFLECTION WITH 30 MPH WIND VELOCITY, NO GUST.
3. LOCATIONS OF THE CCTV CAMERA INSTALLATIONS ARE APPROXIMATE. THE CONTRACTOR MAY ADJUST THE LOCATIONS OF THE INSTALLATIONS TO FACILITATE INSTALLATION WITH WRITTEN APPROVAL OF THE RESIDENT ENGINEER AND THE ELECTRICAL DESIGN SECTION. ALL STANDARD NON-FRANGIBLE SETBACK REQUIREMENTS AS WELL AS CLEAR ZONE REQUIREMENTS SHALL BE MAINTAINED.
4. THE POLE SHALL ACHIEVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 8,000 PSI. CEMENT SHALL CONFORM TO THE LATEST REQUIREMENTS OF TYPE I PORTLAND CEMENT IN ACCORDANCE WITH ASTM-C150.
5. REINFORCING STEEL- DEFORMED STEEL REINFORCEMENT SHALL CONFORM TO REQUIREMENTS OF ASTM-A615 FOR GRADE 60 REBAR
6. PRESTRESSING STEEL- PRESTRESSING STEEL REINFORCEMENT SHALL CONFORM TO UNCOATED 7-WIRE, STRESS RELIEVED STRAND; ASTM-A416
7. SPIRAL REINFORCEMENT- STEEL SPIRAL REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF ASTM-A82
8. HARDWARE- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM-A36 AND ZINC ALLOY AC41A SHALL CONFORM TO ASTM-B240. THE FINISH SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM-A153
9. THE STRUCTURE SHALL ALSO BE DESIGNED AND COORDINATED TO ACCOMMODATE THE LOADING OF THE RADIO ANTENNAS AS REQUIRED AND SPECIFIED ELSEWHERE.
10. CABLE SUPPORTS SHALL BE PROVIDED OF ALL CABLES INSIDE OF POLE SO THAT NO CABLE LOADING IS EXCEEDED. CALCULATIONS SHALL BE SUBMITTED FOR THE CABLES BEING FURNISHED.
11. ALL EQUIPMENT SHALL BE GROUNDED, INCLUDING RADIO, ANTENNA CONNECTIONS AND SPIKE SUPPRESSION.
12. DOCUMENTATION SHALL BE SUBMITTED THAT THE POLE IS FULLY COORDINATED WITH THE CAMERA LOWERING DEVICE.
13. ALL CABLES, INCLUDING LOWERING DEVICE CABLES, SHALL BE WITHIN THE POLE SHAFT. EXTERNAL CABLING WILL NOT BE PERMITTED.
14. UNLESS OTHERWISE INDICATED, OR AS DIRECTED BY THE ENGINEER, THE CAMERA LOWERING DEVICE SHALL BE ORIENTED PERPENDICULAR TO THE MAINLINE INTERSTATE FOR THE LEAST OBSTRUCTED VIEW OF THE INTERSTATE ROADWAY.

FILE NAME	USER NAME	DESIGNED RT	REVISED  ADDENDUM 5/ /09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294) CCTV CAMERA STRUCTURE, 80 FT M.H., CONCRETE</b>	F.A. RTE. FAI55	SECTION 2007-062 I	COUNTY *	TOTAL SHEETS 66	SHEET NO. 66
		DRAWN RT	REVISED		SCALE: NONE	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 60E01		
		CHECKED MEA	REVISED		ILLINOIS FED. AID PROJECT					
		DATE 4/22/2009	REVISED		* COOK, DUPAGE, WILL					