LEGEND	
DMS	DIGITAL MESSAGE SIGN
ATS	ATTACHED TO STRUCTURE
ITS	INTELLIGENT TRAFFIC SYSTEM
FO	FIBER OPTIC
PVC	POLYVINYL CHLORIDE
HDPE	HIGHT DENSITY POLYETHELYN
S.S.	STAINLESS STEEL
SM	SINGLE MODE
MM	MULTI MODE
PTZ	PAN TILT ZOOM
CCTV	CLOSED CIRCUT TELEVISION
VD .	VEHICLE DETECTOR
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
\boxtimes	EXISTING CONTROLLER CABINET
	EXISTING SERVICE INSTALLATION
FO	EXISTING CONDUIT
	EXISTING JUNCTION BOX
	EXISTING SIGN TRUSS
	EXISTING HIGHWAY LIGHTING UNIT
— O —	EXISTING UNDERGROUND LIGHTING CABLES
	PROPOSED HANDHOLE
	PROPOSED DOUBLE HANDHOLE
	PROPOSED CONTROLLER CABINET
	PROPOSED CONDUIT: "UNDRGRD" UNDERGROUND OR "AT ST" ATTACHED TO STRUCTURE, SIZE SPECIFIED
-	PROPOSED SERVICE INSTALLATION
PTZ	PROPOSED CCTV CAMERA
•	PROPOSED JUNCTION BOX, SIZE SPECIFIED
P	PROPOSED PULL BOX, SIZE SPECIFIED
• .	PROPOSED LIGHT POLE, SIZE SPECIFIED
M	PROPOSED RADAR VEHICLE DETECTOR
	PROPOSED DMS SIGN
Е-НН	EXISTING HANDHOLE
E-DHH	EXISTING DOUBLE HANDHOLE
E-JB	EXISTING JUNCITON BOX
E-PB	EXISTING PULL BOX
P-HH	PROPOSED HANDHOLE
P-DHH	PROPOSED DOUBLE HANDHOLE
P-JB	PROPOSED JUNCTION BOX
P-PB	PROPOSED PULL BOX

GENERAL NOTES

- CCTV ARE LOCATION SENSITIVE. PROPOSED EQUIPMENT LOCATIONS ARE APPROXIMATE TO ENSURE THE
 OPTIMUM FIELD OF VIEW. ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR, PER
 THE MANUFACTURER REPRESENTATIVES' RECOMMENDATIONS AND THE ENGINEER'S APPROVAL. MR. JEFF ABEL OR
 MRS. LINDA LEONARD OF BUREAU OF OPERATIONS SHALL BE CONTACTED FOR ACTUAL CAMERA LOCATION
 VERIFICATION.
- 2. ALL MATERIALS SUPPLIED SHALL CONFORM TO SECTION 106 OF THE STANDARD SPECIFICATIONS FOR CONTROL OF MATERIALS.
- 3. THE CONTROLLER CABINETS AND JUNCTION BOXES SHALL BE UNPAINTED ALUMINUM SHEET METAL UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- UNDERGROUND CABLE MARKING TAPE SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLES 810.04A AND 1066.05 OF THE STANDARD SPECIFICATIONS.
- 5. THE CONTRACTOR SHALL NOT DRILL ANY HOLES IN THE BEAMS, DECK, OR SUBSTRUCTURE OF THE BRIDGE. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 6. ALL GROUND RODS SUPPLIED FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH ARTICLE 1087.01 EXCEPT THAT THEY SHALL BE 3/4 " DIAMETER X 12'-0" LONG. ALL CONNECTIONS TO GROUND RODS SHALL BE MADE VIA EXOTHERMIC WELD, COMPRESSION CLAMPS WILL NOT BE ALLOWED.
- 7. COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION/ITS FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.
- 8. BENDING RADIUS OF FIBER OPTIC CABLE SHALL EXCEED SIX (6) INCHES. PER MANUFACTURER'S STANDARD.
- 9. ALL HANDHOLES SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE PER SECTION 814 OF THE STANDARD SPECIFICATIONS. THE LEGEND ON THE COVER SHALL BE "ITS". SLOPE HANDHOLE TO MATCH FINAL GRADE ELEVATION.
- 10. ALL UTILITIES AND DRAINAGE STRUCTURES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS CCTV CAMERA SYTEMS AND VEHICLE DETECTION SYSTEMS. THE COST FOR LOCATING DRAINAGE STRUCTURES SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO THE VARIOUS ITS EQUIPMENT.
- 11. A 9-1-1 ADDRESS MUST BE OBTAINED FROM THE ST. CLAIR COUNTY 9-1-1 COORDINATOR PRIOR TO OBTAINING ELECTRIC/ TELEPHONE SERVICE AT THE PROJECT LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER/TECHNICIAN A MINIMUM OF SIX WEEKS IN ADVANCE OF THE ANTICIPATED DATE THAT ELECTRIC/TELEPHONE SERVICE WILL BE REQUIRED IN ORDER THAT THE NECESSARY ADDRESS CAN BE OBTAINED. IF THERE ARE ANY QUESTIONS REGARDING THE ABOVE, CONTACT THE 9-1-1 COORDINATOR AT 618-277-7668, EXT.102 FOR ST. CLAIR COUNTY.
- 12. ALL FIBER BACKBONE CONDUIT SHALL BE PLACED A MINIMUM OF 5' FROM EDGE OF PAVEMENT OR AS INDICATED ON THE PLAN SHEETS OR PER FIELD ENGINEER'S RECOMMENDATION.
- 13. FIELD MEASUREMENTS ARE REQUIRED TO VERIFY DIMENSIONS OF EXISTING STRUCTURES PRIOR TO ORDERING MOUNTING HARDWARE.
- 14. FIBER OPTIC CABLE PULL TENSION WILL BE LIMITED BY PROVIDING JUNCTION BOXES OR HANDHOLES AT INTERVALS NO GREATER THAN 750 FEET.
- 15. A 1/4" DIA, NYLON ROPE SHALL BE INSTALLED IN ALL CONDUIT RUNS. THE COST OF PULL ROPE SHALL BE INCLUDED IN THE PROPOSED ELECTRIC CABLE INSTALLATION AND /OR FIBER OPTIC IN THAT CONDUIT.
- 16. PULL BOX TO BE PAID FOR WITH CORRESPONDING JUNCTION BOX PAY ITEM.

	FIELD EQUIPMENT NUMBERING SYSTEM
	EXAMPLE : 006402.8W.12D
0064	DESIGNATES HIGHWAY WHERE FIELD EQUIPMENT IS LOCATED.
0064 02.8	DESIGNATES MILE MARKER WHERE FIELD EQUIPMENT IS LOCATED.
006402.8	DESIGNATES DIRETION VIDEO DETECTOR IS MONITORING TRAFFIC
	OR DIRECTION TRAFFIC IS TRAVELLING TO RECEIVE DMS MESSAGE.
006402.8W.12	NUMBER ASSIGNED TO THAT FIELD EQUPIMENT
006402.8W.12D	A = ALL DIRECTIONS
	D = VEHICLE DETECTION
	C = CAMERA (P/T/Z SURVEILLANCE)
	H = HAR SIGNAGE WITH BEACON
	R = RADAR DETECTION

SCALE: N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PROPOSED RELOCATED IL ROUTE 3 INTERCHANGE