



LEGEND	
	EXISTING GULFBOX JUNCTION
	EXISTING HANDHOLE
	EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
	EXISTING 6' X 6' DETECTOR LOOPS
	EXISTING 5' X 5' DETECTOR LOOPS
	EXISTING PVC CONDUIT
	EXISTING SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
	EXISTING SIGNAL HEAD, BRACKET MOUNTED
	EXISTING STEEL MAST ARM ASSEMBLY AND POLE
	EXISTING STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH TWIN TENON AND TWO LUMINAIRES
	EXISTING TRAFFIC SIGNAL POST
	EXISTING DETECTOR LOOP LINE
	PROPOSED DETECTOR LOOP LINE
	PROPOSED SIGNAL HEAD, 1-FACE, 3-SECTION OR 5-SECTION WITH BACKPLATE, MAST ARM MOUNTED
	PROPOSED 6' X 6' DETECTOR LOOPS WITH 2" CORE-DRILLED CORNERS
	PROPOSED 5' X 5' DETECTOR LOOPS WITH 2" CORE-DRILLED CORNERS
	PROPOSED STEEL MAST ARM ASSEMBLY ON EXISTING POST
	PROPOSED PVC CONDUIT
	PROPOSED GULFBOX JUNCTION

- NOTES:
1. THE 5'X5' DETECTOR LOOPS SHALL HAVE FOUR TURNS OF LOOP WIRE OR AS DIRECTED BY THE MANUFACTURER.
 2. ALL SIGNAL FACES SHALL HAVE LED SECTIONS.
 3. THE SIGNAL SECTIONS CORRESPONDING WITH THE EASTBOUND THRU MOVEMENTS ON IL RTE 13 AND THE SOUTHBOUND TO EASTBOUND LEFT TURN MOVEMENT ON US RTE 45 THAT WERE COVERED WITH BURLAP BAGS DURING PRIOR CONSTRUCTION TO DISCOURAGE VEHICULAR MOVEMENTS ONTO THE EAST LEG OF IL RTE 13, SHALL BE REMOVED.
 4. THE 28' MAST ARM SHOWN IN THE NORTHWEST QUADRANT IS BEING STORED AT THE MURPHYSBORO OPERATIONS YARD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY OF THE MAST ARM FROM THE OPERATIONS YARD TO THE JOBSITE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

US RTE 45 & IL RTE 13

TRAFFIC SIGNAL PLAN

SCALE: VERT. _____
 HORIZ. _____
 DATE 10/17/07

DRAWN BY MCV
 CHECKED BY WB