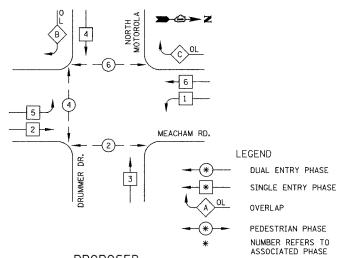
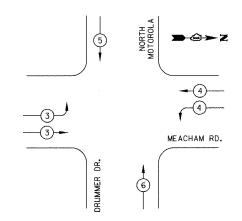
PROPOSED CONTROLLER SEQUENCE



PROPOSED PHASE DESIGNATION DIAGRAM

RIGHT	TURN	OVERLAP	PHASE	DESIG	NATION
OVERLAP		PERMI	SSIVE		PROTECTED
LETTER		PHASE		PHASE	
В	=	4		+	5
С	=	6		+	4

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS							
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6			
MOVEMENT	1		ļ	†			

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QUANTITY
SIGN PANEL, TYPE 1	SQ FT	56
SIGN PANEL, TYPE 2	SQ FT	30
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	530
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	209
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	12
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	17
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	138
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	13
CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	21
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	498
REMOVE EXISTING JUNCTION BOX	EACH	2
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	773
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	728
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C	FOOT	1602
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	2511
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	1468
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 1 C ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3086
ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 2C	FOOT	165
TRAFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	103
TRAFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
	EACH	1 1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 46 FT. STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 34 FT. AND 36 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 34 FT. AND 36 FT. STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 36 FT. AND 54 FT.	EACH	1
	FOOT	12
CONCRETE FOUNDATION, TYPE A CONCRETE FOUNDATION, TYPE D	FOOT	4
	FOOT	60
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER		
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	15
INDUCTIVE LOOP DETECTOR	EACH	11
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	11
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	11
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
CONFIRMATION BEACON	EACH	2
PREFORMED DETECTOR LOOP	FOOT	1056
SERVICE INSTALLATION, POLE MOUNT	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	903
ELECTRIC CABLE IN CONDUIT NO. 20 3C, TWISTED, SHIELDED	FOOT	1068
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, L.E.D., 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3
SIGNAL HEAD ,L.E.D., 2-FACE, 1-3 SECTION, 1-4, SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED	EACH	2
	EACH	4

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT
FOR THIS PROJECT SHALL BE "ECONOLITE" TO
MATCH THE EXISTING ADJACENT SYSTEM.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION				
NAME	DATE	TECHNOIS DEFARTMENT OF TRANSPORTATION				
		PHASE DESIGNATION DIAGRAM AND SCHEDULE OF QUANTITIES				
-						
<u> </u>		- AND SOMESSEE OF GOARTHIES				
		MEACHAM ROAD & DRUMMER DRIVE / NORTH MOTOROLA DRIVEWAY				
		NOT TO SCALE	DESIGNED BY JJE			
		DATE 12/20/04	CHECKED BY KMM			