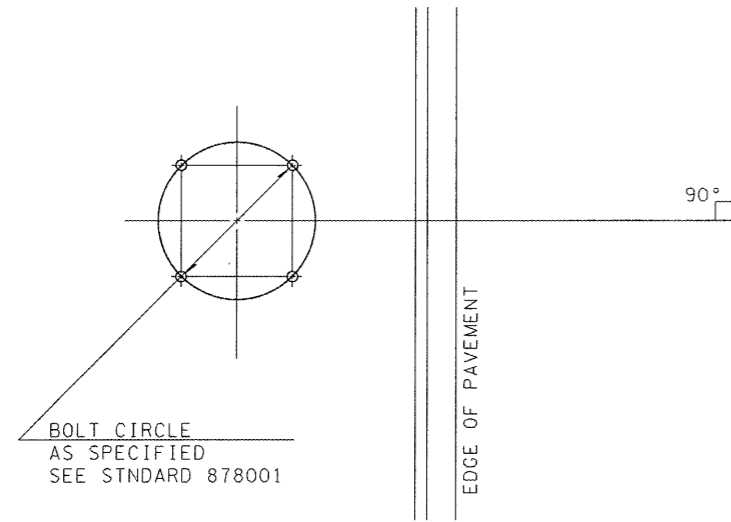
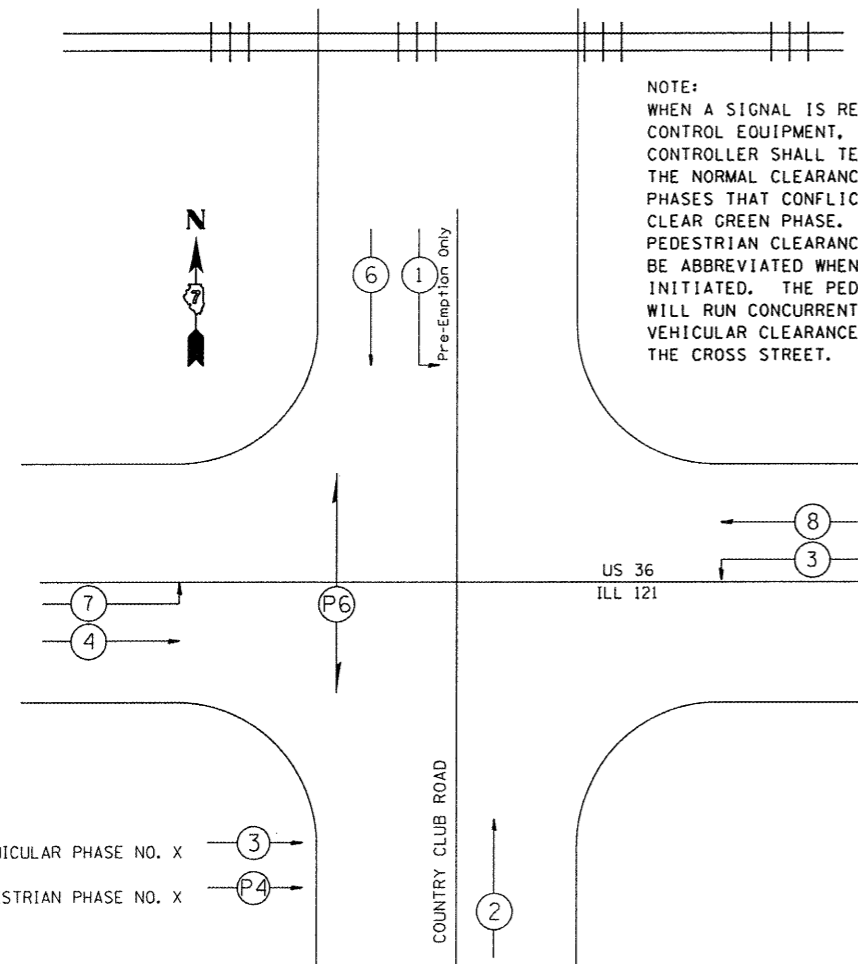


US 36 & COUNTRY CLUB ROAD- BILL OF MATERIALS



DETAIL OF MAST ARM FOUNDATION  
BOLT PATTERN



PHASE DESIGNATION DIAGRAM

ITEM	UNIT	QUANTITY
SIGN PANEL-TYPE 1	SQ FT	46.75
SIGN PANEL-TYPE 2	SQ FT	64.5
SERVICE INSTALLATION, TYPE A	EACH	1.0
UNDERGROUND CONDUIT, PVC, 3/4 " DIA.	FOOT	85.0
UNDERGROUND CONDUIT, PVC, 1 1/2 " DIA.	FOOT	771.0
UNDERGROUND CONDUIT, PVC 2" DIA.	FOOT	36.0
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	110.0
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	492.0
HANDHOLE	EACH	10.0
DOUBLE HANDHOLE	EACH	1.0
GULFBOX JUNCTION	EACH	4.0
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	902.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4574.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	656.0
ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 14 1 PAIR	FOOT	4349.0
ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 16 3 PAIR	FOOT	160.0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	20.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	915.0
TRAFFIC SIGNAL POST, ALUMINUM 12 FT.	EACH	1.0
TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	6.0
TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	3.0
STEEL MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE 38 FT	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	30.0
CONCRETE FOUNDATION, TYPE C	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	12.0
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	42.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3 SECTION, BRACKET MOUNTED	EACH	3.0
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	23.0
INDUCTIVE LOOP DETECTOR	EACH	18.0
DETECTOR LOOP, TYPE 1	FOOT	1874.0
PEDESTRIAN PUSH-BUTTON	EACH	2.0
ILLUMUNATED SIGN, LED	EACH	2.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING HANDHOLE	EACH	8.0
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1.0
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8.0

FILE NAME =	USER NAME = mcolelleno	DESIGNED -	REVISED -
c:\pwork\pwork\mcolelleno\0273662\0774539-shr-ts-1.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/12/2012	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL  
BILL OF MATERIALS AND DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(1372.139-X-2)N	MACON	39	24
SCALE: N/A			CONTRACT NO. 74539	
SHEET 2 OF 12 SHEETS STA.		ILLINOIS FED. AID PROJECT		