

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE BROADWAY STREET & VETERANS DRIVE					
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ASSIGNED PHASE	CHANNELS REQUIRED
D-1	6' X 50'	162	35	1	EX.
D-2A	6' X 50'	162	24	2	EX.
D-2B	6' X 50'	162	12	2	1
D-2C	6' X 6'	24	30	2	1
D-2D	6' X 6'	24	18	2	1
D-3	6' X 50' QUAD	162	30	3	EX.
D-4	EXISTING	EXISTING		4	EX.
D-5	6' X 50' QUAD	162	38	5	EX.
D-6A	6' X 50'	162	22	6	EX.
D-6B	6' X 50'	162	12	6	1
D-6C	6' X 6'	24	24	6	1
D-6D	6' X 6'	24	12	6	1
D-7	6' X 50' QUAD	162	36	7	EX.
D-8	EXISTING	EXISTING		8	EX.
SUB-TOTAL:		1,392	293		6
TOTAL:			1,685		6

SCHEDULE OF MAST ARM ASSEMBLIES VETERANS DRIVE AND BROADWAY ROAD				
REF.	LOCATION	TYPE	LENGTH	FOUNDATION DEPTH & SIZE
MA-1	SOUTHEAST QUADRANT	SC MAA & P	48.0 FT.	13.0 FT./36"
MA-2	NORTHEAST QUADRANT	SC MAA & P	64.0 FT.	21.0 FT./42"
MA-3	NORTHWEST QUADRANT	SC MAA & P	48.0 FT.	13.0 FT./36"
MA-4	SOUTHWEST QUADRANT	SC MAA & P	64.0 FT.	21.0 FT./42"

SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
SIGN PANEL - TYPE I	SQ FT	24
SIGN PANEL - TYPE II	SQ FT	45
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	802
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	62
UNDERGROUND CONDUIT, PVC, 3 1/2" DIA.	FOOT	401
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	2,091
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,569
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.	EACH	2
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	42
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE	EACH	12
INDUCTIVE LOOP DETECTOR	EACH	6
DETECTOR LOOP, TYPE I	FOOT	1,685
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,056
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	2,244
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE EXISTING HANDHOLE	EACH	4
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
DRILL EXISTING HANDHOLE	EACH	3
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1

SCHEDULE OF SIGNAL HEADS VETERANS DRIVE AND BROADWAY ROAD			
QTY.	UNIT	ITEM	LOCATION
6	EACH	SH, LED, 1F, 3-SEC, MAM	2,3,6,10,11,14
4	EACH	SH, LED, 1F, 4-SEC, BM	4,7,12,15
4	EACH	SH, LED, 1F, 4-SEC, MAM	1,5,9,13
12	EACH	TRAFFIC SIGNAL BACKPLATE	1, 2, 3, 5, 6, 8, 9, 10, 11, 13, 14, 16
2	EACH	SH, LED, 1F, 3-SEC, BM	8,16

SCHEDULE OF HANDHOLE QUANTITIES VETERANS DRIVE AND BROADWAY ROAD		
REF.	LOCATION	TYPE
HH-1	SOUTH ADVANCE	STANDARD
HH-2	SOUTHEAST QUADRANT	EXISTING DOUBLE
HH-3	NORTHEAST QUADRANT	STANDARD
HH-4	NORTHWEST QUADRANT	STANDARD
HH-5	NORTH ADVANCE	STANDARD
HH-6	SOUTHWEST QUADRANT	STANDARD

FILE NAME =	USER NAME = IDOT	DESIGNED <i>REW/KRS</i>	REVISED -
\\projects\200805025\dgn\plans and xref	s\TrafficSignalDetail2.dgn	DRAWN <i>CAM</i>	REVISED -
	PLOT SCALE = NOT TO SCALE	CHECKED <i>KMC</i>	REVISED -
	PLOT DATE = 4/12/2012	DATE <i>3-21-12</i>	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**VETERANS DRIVE IMPROVEMENTS
TRAFFIC SIGNAL SCHEDULES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6768	10-00169-00-RP	TAZEWELL	98	48
CONTRACT NO. 89588				
ILLINOIS FED. AID PROJECT				