

F.A.U. RTE. 1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	115
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

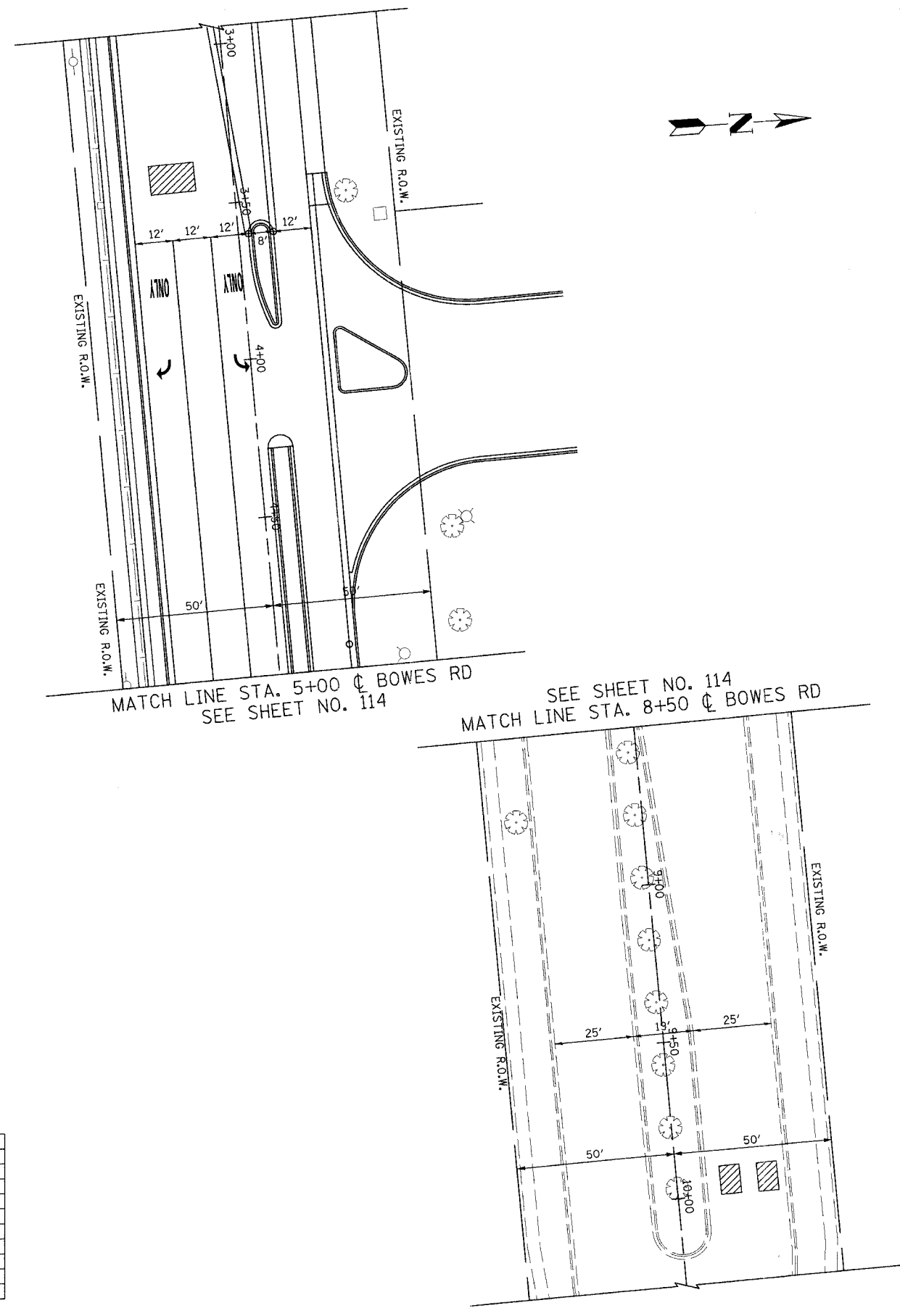
	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		
COMMON TRENCH		
UNIT DUCT		
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED		
VIDEO CAMERA ASSEMBLY		
TELEPHONE CONNECTION		
ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"		
ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"		
CONDUIT SPLICE		
WOOD POLE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE		
LUMINAIRE		
VIDEO DETECTION ZONE		

•• BILL OF MATERIALS- VIDEO DETECTION SYSTEM (ITERIS)

ITERIS COLOR CAMERA, MODEL RZ-C4	EACH	4
CAMERA BRACKET, PEDESTAL MOUNT	EACH	4
EDGE 2-2N PROCESSOR	EACH	2
COLOR MONITOR	EACH	1
VIDEO PATCH CABLE	EACH	4
SURGE ARRESTOR, PANEL MOUNT	EACH	4
CAMKIT2 CONNECTOR KIT	EACH	4
POINTING DEVICE (MOUSE)	EACH	1
BELDEN 8281, VIDEO CABLE	FOOT	
BELDEN NO. 16, 3/C STRANDED, POWER CABLE	FOOT	

•• BILL OF MATERIALS- VIDEO DETECTION SYSTEM (AUTOSCOPE)

AUTOSCOPE SOLO PRO II	EACH	4
AUTOSCOPE SOLO PRO CABLE - 100 FEET	EACH	4
PEDESTAL MOUNT	EACH	4
COLOR MONITOR	EACH	1
SOLO INTERFACE PANEL (4) SOLO UNITS	EACH	1
RS 485 CABLE	EACH	1
MINI HUB TS2	EACH	1
COLOR QUAD PROCESSOR	EACH	1
(50 PCS) 3M SCOTCH-LOCK CONNECTORS	FOOT	1
(5) COAX JUMPER	FOOT	1
BELDEN 11 CONDUCTOR 51/2 PR CABLE (YC46223) OR EQUIVALENT		



SCHEDULE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
7200100	SIGN PANEL - TYPE 1	SQ FT	28.5
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	489
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	80
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	114
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	46
81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	304
81400100	HANDHOLE	EACH	3
81400300	DOUBLE HANDHOLE	EACH	1
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	189
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	438
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	808
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	337
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2213
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	59
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	8
88500100	INDUCTIVE LOOP DETECTOR	EACH	4
88700200	LIGHT DETECTOR	EACH	2
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	3
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
X0323670	PREFORMED DETECTOR LOOP	FOOT	129
X8050015	SERVICE INSTALLATION, POLE MOUNT	EACH	1
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1581
X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C TWISTED SHIELDED	FOOT	665
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	6
88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
88102740	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1
XX003552	VIDEO DETECTION SYSTEM	EACH	1
XX004923	BATTERY BACK-UP UPS SYSTEM	L SUM	0.5
XX003584	VIDEO BELDEN 8281 COAXIAL CABLE IN CONDUIT	FOOT	775
XX003583	VIDEO ELECTRIC CABLE IN CONDUIT, NO. 16 3/C	FOOT	775
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14, 1 PAIR	FOOT	1864

SEE SHEET NO. 114  
MATCH LINE STA. 8+50 @ BOWES RD

**URS** 100 SOUTH WACKER DRIVE  
SUITE 500 CHICAGO, IL 60606 TEL (312) 939-1000 FAX (312) 939-4198

REVISIONS	
NAME	DATE

McLEAN BOULEVARD  
  
TRAFFIC SIGNAL PLAN  
McLEAN BOULEVARD AND  
BOWES ROAD  
  
SCALE: 1" = 20'  
DATE 04/06/2007  
  
DRAWN BY VAP  
CHECKED BY RAM