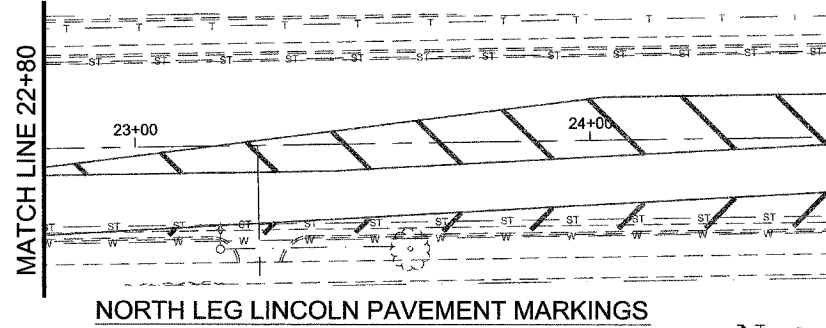
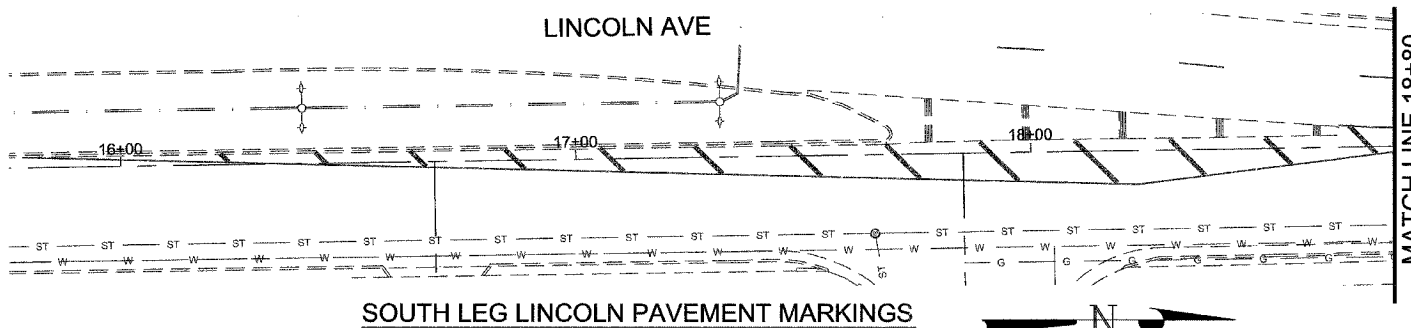
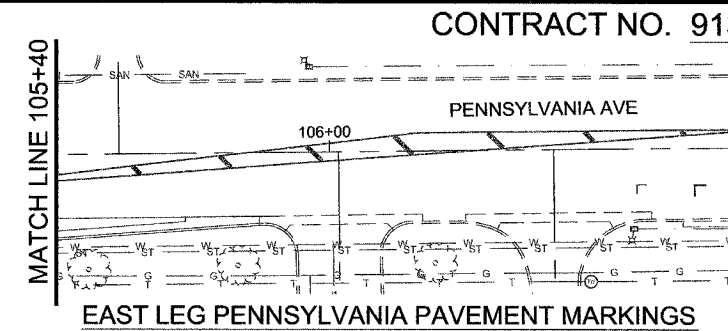
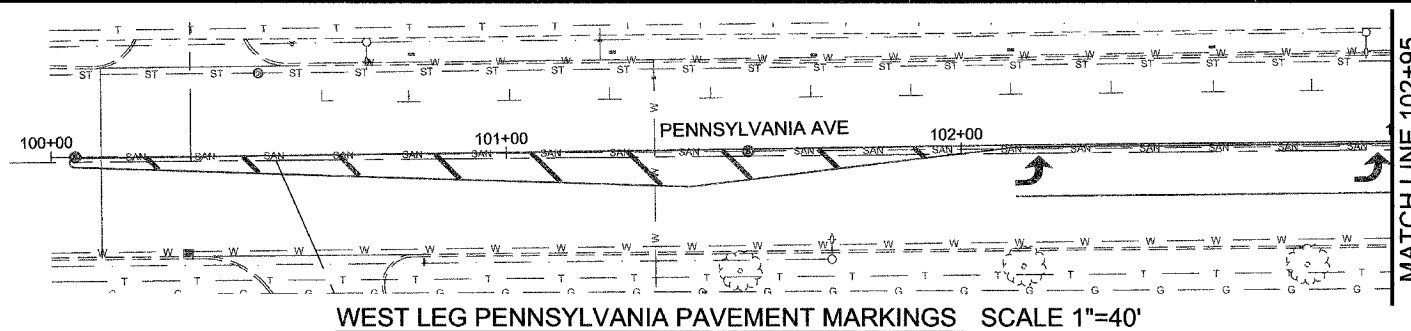


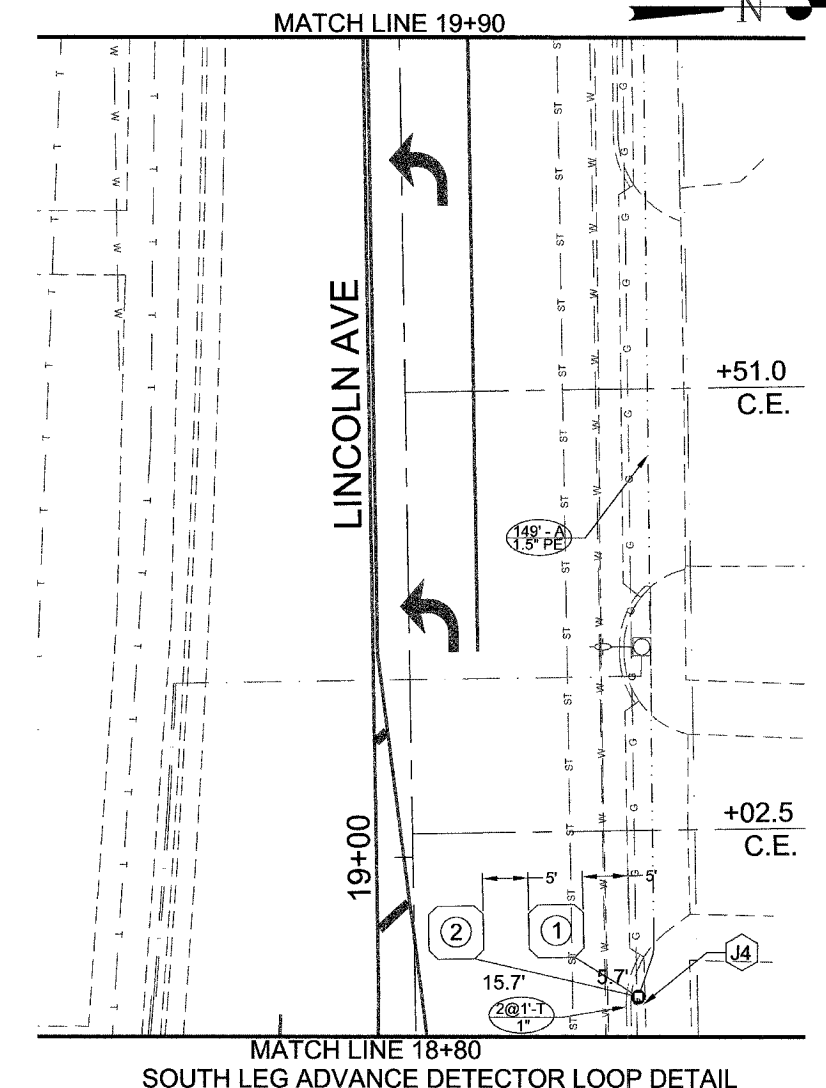
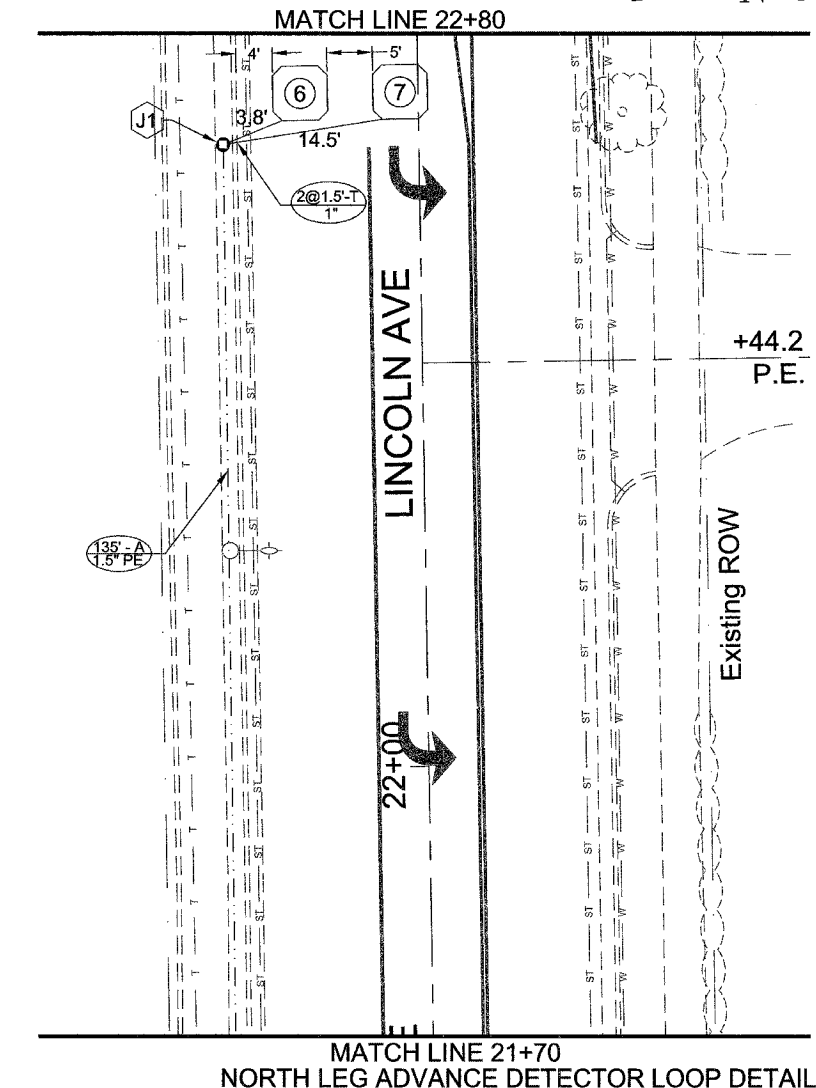
TRAFFIC SIGNAL LEGEND

- PROPOSED CONTROLLER AND CABINET
 - PROPOSED COMBINATION STEEL MAST ARM ASSEMBLY AND POLE, 40' M.H., 12' ARM,
 - PROPOSED SIGNAL POST AND FOUNDATION
 - PROPOSED HANDHOLE
 - PROPOSED DOUBLE HANDHOLE
 - PROPOSED GULFBOX JUNCTION
 - PROPOSED PEDESTRIAN PUSHBUTTON
 - PROPOSED PEDESTRIAN SIGNAL HEAD
 - PROPOSED 2-WAY PRE-EMPTION DETECTOR
 - CONFIRMATION BEACONS
 - PROPOSED DETECTOR LOOP, 6' X 6'
 - PROPOSED STREETLIGHTING JUNCTION BOX
 - PROPOSED CONDUIT IN TRENCH
 - PROPOSED CONDUIT, AUGURED
 - PROPOSED P. E. DUCT, BORED & PULLED
- CONDUIT LENGTH CONDUIT AUGURED (A) OR CONDUIT IN TRENCH (T)
- CONDUIT SIZE POLYETHYLENE DUCT (IF NOTED)



BILL OF MATERIALS

CODE NO.	ITEM	UNIT	QUANTITY
72000200	SIGN PANEL, TYPE 2	SQ FT	60
80501000	SERVICE INSTALLATION (SPECIAL)	EACH	1
81012300	CONDUIT, IN TRENCH, 1" DIAM., PVC	FOOT	44
81012600	CONDUIT, IN TRENCH, 2" DIAM., PVC	FOOT	224
81012700	CONDUIT, IN TRENCH, 2-1/2" DIAM., PVC	FOOT	49
81013000	CONDUIT, IN TRENCH, 4" DIAM., PVC	FOOT	3
81021570	CONDUIT, AUGURED, 3" DIAM., PVC	FOOT	158
81021590	CONDUIT, AUGURED, 4" DIAM., PVC	FOOT	70
81027050	POLYETHYLENE DUCT, BORED AND PULLED, 1-1/2"	FOOT	414
81400400	CONCRETE HANDHOLE	EACH	7
81400600	CONCRETE DOUBLE HANDHOLE	EACH	1
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	320
81702110	ELECTRIC CABLE IN CONDUIT, 600V(XLP-TYPE USE), 1/C NO. 10	FOOT	748
85700200	FULL ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86600010	GULFBOX JUNCTION	EACH	2
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1/C	FOOT	684
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	FOOT	748
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C	FOOT	94
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5/C	FOOT	716
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7/C	FOOT	1320
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9/C	FOOT	998
87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PR	FOOT	1360
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18 3PR	FOOT	252
87500600	TRAFFIC SIGNAL POST, 10'	EACH	2
87501000	TRAFFIC SIGNAL POST, 14'	EACH	2
87501200	TRAFFIC SIGNAL POST, 16'	EACH	2
87600100	PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	5
87702810	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 16'	EACH	1
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 20'	EACH	1
87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 24'	EACH	1
87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 28'	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E, 30" DIAMETER	FOOT	40
X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
X8801415	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
X8801437	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1 3-SECTION, 1 5-SECTION, BRACKET MOUNTED	EACH	2
XX006533	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	8
X8850106	INDUCTIVE LOOP DETECTOR, RACK MOUNTED	EACH	8
88600100	DETECTOR LOOP, TYPE 1	FOOT	537
88700200	LIGHT DETECTOR	EACH	2
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
X9760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
X9660511	LUMINAIRE, METAL HALIDE, SPECIAL, 400 WATT	EACH	3
X8006512	LUMINAIRE, METAL HALIDE, SPECIAL, 400 WATT WITH PHOTOCELL	EACH	1
X9006514	JUNCTION BOX, POLYMER CONCRETE, 12" X 12" X 12"	EACH	2
X8760250	VIOLATOR ATTACHE FEATURE	EACH	2



LINCOLN-PENNSYLVANIA TRAFFIC SIGNAL INSTALLATION
City Section 04-00396-00-TL

Design/ACAD by: JLS
Approved by: WRG
Date: 12/30/05

TRAFFIC SIGNAL LAYOUT
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