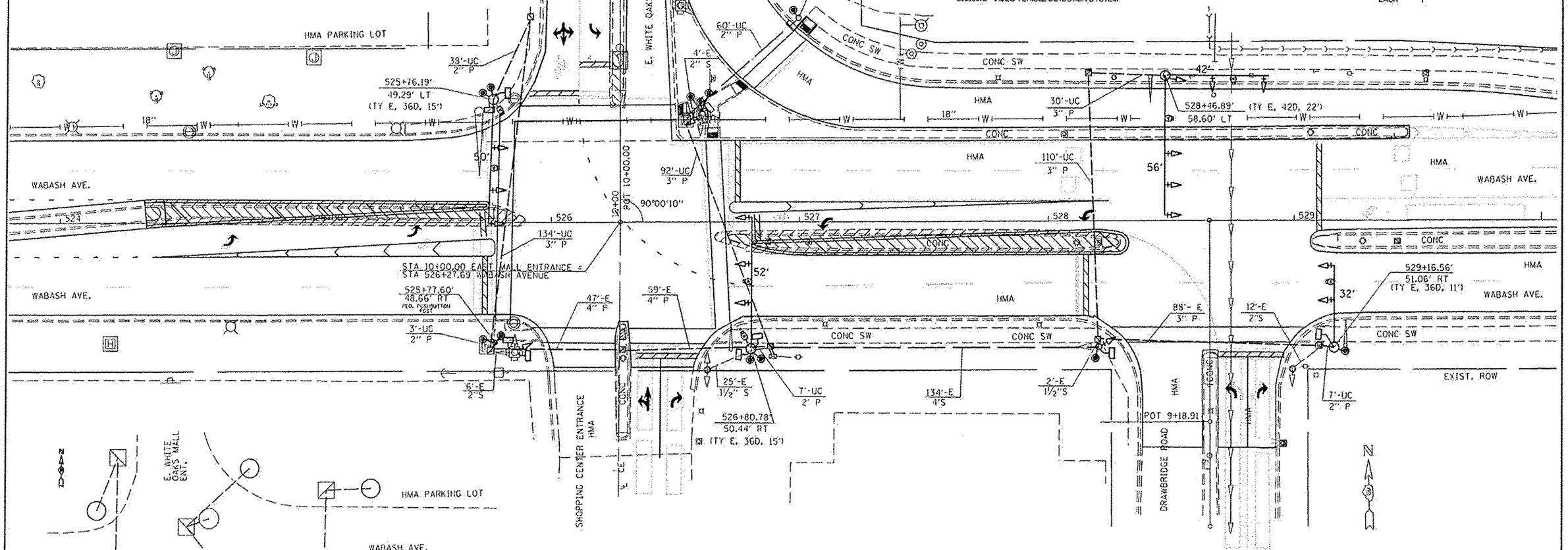
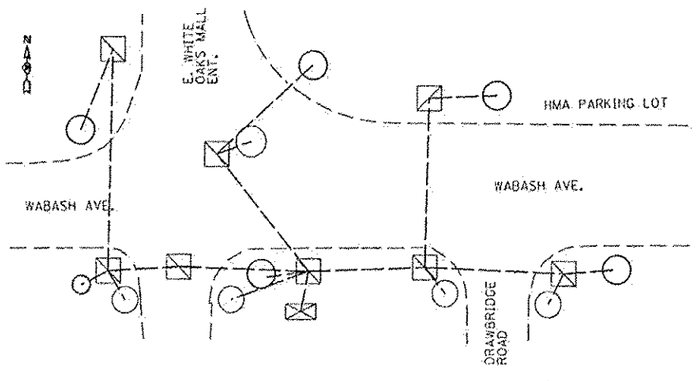
BILL OF MATERIALS: WABASH & E. MALL ENTRANCE / DRAWBRIDGE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|---|---|---|---|
| 81028350 | UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 115 |
| 81028370 | UNDERGROUND CONDUIT, PVC, 3" DIA. | FOOT | 455 |
| 85000200 | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| 87300010 | GROUNDING EXISTING HANDHOLE FRAME AND COVER | EACH | 7 |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 4115 |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 515 |
| 87301705 | ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR | FOOT | 1955 |
| 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 965 |
| 87502640 | TRAFFIC SIGNAL POST, ALUMINUM 10 FT. | EACH | 1 |
| 87600100 | PEDESTRIAN PUSH-BUTTON POST, TYPE I | EACH | 1 |
| 87700200 | STEEL MAST ARM ASSEMBLY AND POLE, 32 FT. | EACH | 1 |
| 87700290 | STEEL MAST ARM ASSEMBLY AND POLE, 50 FT. | EACH | 1 |
| 87700300 | STEEL MAST ARM ASSEMBLY AND POLE, 52 FT. | EACH | 1 |
| 87702656 | STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 42 FT. AND 50 FT. | EACH | 1 |
| 87800100 | CONCRETE FOUNDATION, TYPE A | FOOT | 3 |
| 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 41 |

CONTINUE

| | | | |
|---|---|---|---|
| 87800420 | CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER | FOOT | 22 |
| 87900200 | DRILL EXISTING HANDHOLE | EACH | 11 |
| 88040070 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 2 |
| 88040090 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 10 |
| 88040110 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED | EACH | 3 |
| 88040120 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED | EACH | 3 |
| 88040160 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH | 1 |
| 88102825 | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER | EACH | 4 |
| 88102845 | PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER | EACH | 4 |
| 88200510 | TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE | EACH | 17 |
| 88800100 | PEDESTRIAN PUSH-BUTTON | EACH | 12 |
| 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| 89502200 | MODIFY EXISTING CONTROLLER | EACH | 1 |
| 89502210 | MODIFY EXISTING CONTROLLER CABINET | EACH | 1 |
| 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 2780 |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 25 |
| 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 7 |
| Z0010688 | CAMERA MOUNTING ASSEMBLY | EACH | 5 |
| Z0033072 | VIDEO VEHICLE DETECTION SYSTEM | EACH | 1 |




PROPOSED GROUNDING DIAGRAM

NOTE

1. THE PROPOSED MAST ARM AND ALL ITS TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED PRIOR TO REMOVING THE EXISTING MAST ARM AND ALL ITS TRAFFIC SIGNAL EQUIPMENT. THIS WORK SHALL BE COMPLETED PRIOR TO END OF THE WORKING DAY;
2. WHILE TURNING ON THE PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON 'FLASHING RED' MODE. IN ADDITION, PORTABLE STOP SIGNS SHALL BE INSTALLED ON EACH APPROACH;
3. EXISTING TRAFFIC SIGNALS SHALL BE COVERED/TURNED WHILE PROPOSED TRAFFIC SIGNALS ARE TURNED ON;

1 REVISED SHEET 12-27-13

| | | | |
|---|---|---|---|
| FILE NAME = c:\pwworkl\pwidot\slaglert\d0296742\D677229-sht-trafsignal.dgn | USER NAME = slaglert | DESIGNED - DMS | REVISED - |
| | | DRAWN - DMS | REVISED - |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - - | REVISED - |
| Default | PLOT DATE = Dec-16-2013 09:54:00AM | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL PLAN SHEET
WABASH AVE. & DRAWBRIDGE RD AND E. WHITE OAKS MALL ENTRANCE

SCALE: | SHEET OF SHEETS | STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 664 | * | SANGAMON | 126 | 83 |

CONTRACT NO. 72F29

ILLINOIS FED. AID PROJECT