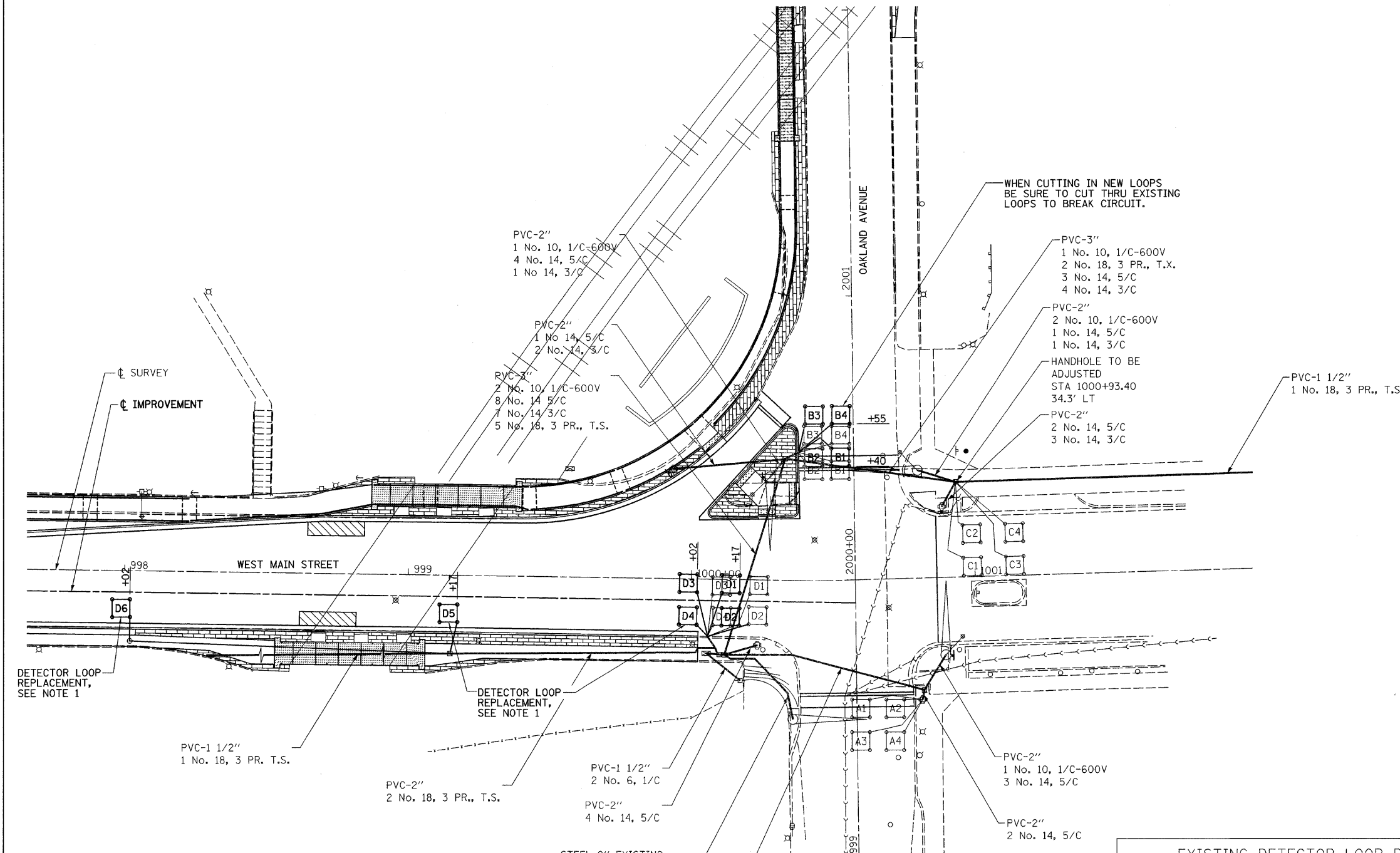
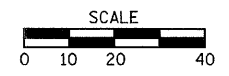


| F.A. RTE.        | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
|------------------|---------|---|--------------|-----------|
| **               | **      | MACON   | 106          | 68        |
| STA. TO STA.     |         | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |              |           |
| ** 05-00525-00SW |         |   |              |           |



WHEN CUTTING IN NEW LOOPS BE SURE TO CUT THRU EXISTING LOOPS TO BREAK CIRCUIT.

**DETECTOR LOOP REPLACEMENT**

|                           |
|---------------------------|
| RT STA. 998+02 = 32 LF    |
| RT STA. 999+17 = 34 LF    |
| RT < STA. 1000+02 = 72 LF |
| RT < STA. 1000+17 = 84 LF |
| LT STA. 2000+40 = 69 LF   |
| LT STA. 2000+55 = 73 LF   |
| RT STA. 1999+58 = 75 LF   |

**SHEET NOTES**

- DETECTOR LOOP REPLACEMENT INCLUDES A COMPLETE INSTALLATION OF THE DETECTOR LOOP INCLUDING ALL EQUIPMENT, MATERIALS, AND LABOR TO CONNECT THE DETECTOR LOOP TO THE EXISTING HANDHOLE OR GULF BOX.
- EXISTING CONDUIT, WIRE, AND DETECTOR LOOP DATA SHOWN FOR REFERENCE.

**EXISTING DETECTOR LOOP DATA**

| LOOP:                            | SIZE:   | MODE:  | DELAY   |
|----------------------------------|---------|--------|---------|
| A1-A4<br>B1-B4<br>C1-C4<br>D1-D4 | 6' x 6' | NORMAL | 0       |
| B6-B7                            | 6' x 6' | NORMAL | 10 sec. |
| C5-C6<br>D5-D6                   | 6' x 6' | PULSE  | 0       |

THE FOLLOWING LOOPS SHALL BE WIRED TO COMMON AMPLIFIERS: (A1,A3), (A2,A4), (B1,B3), (B2,B4), (C1,C3), (C2,C4), (C5), (C6), (D1,D3), (D2,D4), (D5), & (D6) -6 2-CHANNEL AMPLIFIERS.

**LEGEND**

- ⊕ EXISTING POWER POLE
- ⊗ EXISTING LIGHT POLE
- ⊙ EXISTING FIRE HYDRANT
- EXISTING WATER SERVICE
- ⊠ EXISTING HANDHOLE
- ⊞ EXISTING GULFBOX
- ⊞ EXISTING CONTROLLER
- ⊙ EXISTING TRAFFIC SIGNAL POST
- ⊙ EXISTING PEDESTRIAN PUSH BUTTON
- ⊙ EXISTING MAST ARM
- ⊙ EXISTING LUMINAIRE
- ⊠ EXISTING DETECTOR LOOP
- ⊠ PROPOSED DETECTOR LOOP

STEEL-2" EXISTING  
PVC-2"  
USED EXISTING 2" STEEL  
UNDER STEPS  
1 No. 14, 5/C  
1 No. 10, 1/C-600V

PVC-3"  
3 No. 14, 5/C  
1 No. 18, 3 PR. T.S.  
1 No. 10, 1/C-600V

| REV. NO.                                     | DESCRIPTION   | BY              | DATE   | APPROVED                    |
|--|---|-----------------|--------|-----------------------------|
| <b>SIGNAL MODIFICATIONS : OAKLAND AVENUE</b> |   |                 |        |                             |
| DESIGN BWC                                   | <b>WEST MAIN STREET<br/>IMPROVEMENTS<br/>CITY OF DECATUR</b>                    | SCALE<br>1"=20' |        | BWC PROJECT NO.<br>009-0605 |
| DATE 4/06                                    |   |                 |        |                             |
| DRAWN MLD                                    |   |                 |        |                             |
| DATE 12/07                                   |   |                 |        |                             |
| CHECKED RMD                                  |   |                 | DATE   |                             |
| DATE 12/07                                   |   |                 | 12/07  |                             |
| APPROVED                                     | <b>BWC</b> BLANK, WESSELINK, COOK & ASSOCIATES, INC.                            |                 | SHEET  |                             |
| DATE   | ARCHITECTS ENGINEERS  |                 | 1 OF 1 |                             |
| CLIENT APPR. DATE                            | 2623 EAST PERSHING ROAD, DECATUR, IL 62524<br>(217) 428-0973 FAX (217) 428-8934 |                 |        |                             |