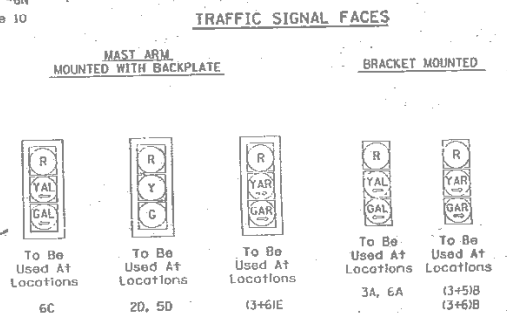
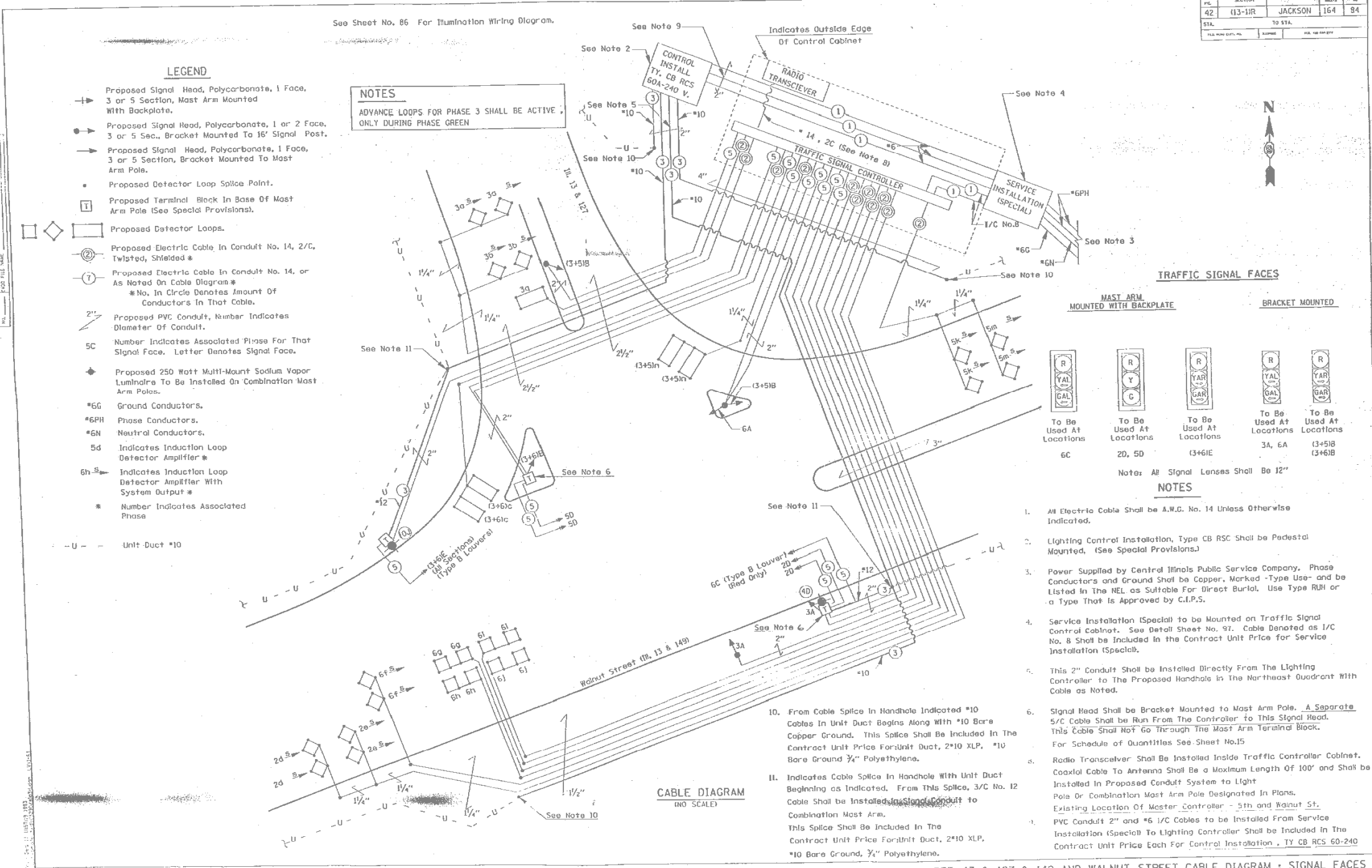


|         |         |         |              |           |
|---------|---------|---------|--------------|-----------|
| PL. NO. | SECTION | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 42      | (13-1)R | JACKSON | 164          | 84        |
| STA.    | TO STA. |         |              |           |
| 1+00    | 1+00    |         |              |           |

- LEGEND**
- ➔ Proposed Signal Head, Polycarbonate, 1 Face, 3 or 5 Section, Mast Arm Mounted With Backplate.
  - ➔ Proposed Signal Head, Polycarbonate, 1 or 2 Face, 3 or 5 Sec., Bracket Mounted To 16' Signal Post.
  - ➔ Proposed Signal Head, Polycarbonate, 1 Face, 3 or 5 Section, Bracket Mounted To Mast Arm Pole.
  - Proposed Detector Loop Splice Point.
  - ⊠ Proposed Terminal Block In Base Of Mast Arm Pole (See Special Provisions).
  - ◊ Proposed Detector Loops.
  - ② Proposed Electric Cable In Conduit No. 14, 2/C, Twisted, Shielded \*
  - ① Proposed Electric Cable In Conduit No. 14, or As Noted On Cable Diagram \*
  - \*No. In Circle Denotes Amount Of Conductors In That Cable.
  - 2" Proposed PVC Conduit, Number Indicates Diameter Of Conduit.
  - 5C Number Indicates Associated Phase For That Signal Face. Letter Denotes Signal Face.
  - ◆ Proposed 250 Watt Multi-Mount Sodium Vapor Luminaire To Be Installed On Combination Mast Arm Poles.
  - \*6G Ground Conductors.
  - \*6PH Phase Conductors.
  - \*6N Neutral Conductors.
  - 5d Indicates Induction Loop Detector Amplifier \*
  - 6h Indicates Induction Loop Detector Amplifier With System Output \*
  - \* Number Indicates Associated Phase
  - U- Unit Duct #10

**NOTES**

ADVANCE LOOPS FOR PHASE 3 SHALL BE ACTIVE ONLY DURING PHASE GREEN



- NOTES**
- All Electric Cable Shall be A.W.C. No. 14 Unless Otherwise Indicated.
  - Lighting Control Installation, Type CB RSC Shall be Pedestal Mounted, (See Special Provisions.)
  - Power Supplied by Central Illinois Public Service Company. Phase Conductors and Ground Shall be Copper, Marked -Type Use- and be Listed in the NEL as Suitable For Direct Burial. Use Type RUH or a Type That Is Approved by C.I.P.S.
  - Service Installation (Special) to be Mounted on Traffic Signal Control Cabinet. See Detail Sheet No. 91. Cable Denoted as 1/C No. 8 Shall be Included in the Contract Unit Price for Service Installation (Special).
  - This 2" Conduit Shall be Installed Directly From The Lighting Controller to The Proposed Handhole in The Northeast Quadrant With Cable as Noted.
  - Signal Head Shall be Bracket Mounted to Mast Arm Pole. A Separate 5/C Cable Shall be Run From The Controller to This Signal Head. This Cable Shall Not Go Through The Mast Arm Terminal Block. For Schedule of Quantities See Sheet No.15
  - Radio Transceiver Shall Be Installed Inside Traffic Controller Cabinet. Coaxial Cable To Antenna Shall be a Maximum Length Of 100' and Shall be Installed In Proposed Conduit System to Light Pole Or Combination Mast Arm Pole Designated in Plans. Existing Location Of Mast Controller - 5th and Rainier St.
  - PVC Conduit 2" and #6 1/C Cables to be Installed From Service Installation (Special) to Lighting Controller Shall be Included in The Contract Unit Price Each For Control Installation - TY CB RCS 60-240

- CABLE DIAGRAM (NO SCALE)**
- From Cable Splice in Handhole Indicated #10 Cables in Unit Duct Begins Along With #10 Bare Copper Ground. This Splice Shall be Included in The Contract Unit Price For Unit Duct, 2" XLP, #10 Bare Ground 3/4" Polyethylene.
  - Indicates Cable Splice in Handhole With Unit Duct Beginning as Indicated. From This Splice, 3/C No. 12 Cable Shall be Installed in Signal Conduit to Combination Mast Arm. This Splice Shall be Included in The Contract Unit Price For Unit Duct, 2" XLP, #10 Bare Ground, 3/4" Polyethylene.

ILL. RTE. 13 & 127 & 149 AND WALNUT STREET CABLE DIAGRAM : SIGNAL FACES

