

| | | | | |
|-----------------------|----------------|----------|------------------|-----------|
| FAU | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2667 | 02-00165-00-RP | DUPAGE | 87 | 53 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT | |
| CONTRACT NO. 83768 | | | | |

RESTORATION OF WORK AREA UNLESS OTHERWISE SPECIFIED IN THE PLANS

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS CONDUIT, CONCRETE LIGHT POLE, TRENCH AND BACKFILL ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOG, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY. RESTORATION OF WORK AREA UNLESS OTHERWISE SPECIFIED IN THE PLANS

TEMPORARY INTERCONNECT NOTE (CHURCH ROAD TO OLD GRAND AVENUE)

1. REMOVE EXISTING 3 PAIR NO. 18 CABLE BETWEEN CHURCH ROAD AND OLD GRAND AVENUE CONTROLLER (APPROX. LENGTH 1180')
2. INSTALL NEW 3 PAIR NO. 18 CABLE ON TEMPORARY SIGNAL SPAN WIRE FROM THE CHURCH ROAD TEMPORARY CONTROLLER TO TEMPORARY WOOD POLE ON SOUTHWEST CORNER AND EXTEND DOWN TO EXISTING HANDHOLE THRU NEW 2" UNIT DUCT (APPROX LENGTH 230'), INSTALL REMAINING CABLE IN EXISTING CONDUIT TO OLD GRAND AVENUE (APPROX. LENGTH 950')
3. ONCE THE PERMANENT SIGNAL CONDUIT IS INSTALLED AT THE CHURCH ROAD INTERSECTION, THE CABLE SHALL BE REMOVED FROM THE AERIAL SPAN WIRE AND INSTALLED IN THE NEW SIGNAL CONDUIT. THIS WORK SHALL BE INCLUDED IN THE COST FOR ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 19 3 PAIR,

THE TRAFFIC SIGNAL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

INTERCONNECT PLAN LEGEND

| | PROPOSED | EXISTING |
|--|----------|----------|
| CONTROLLER | ⊠ | ⊠ |
| HANDHOLE | ⊠ | ⊠ |
| HEAVY DUTY HANDHOLE | ⊠ | ⊠ |
| DOUBLE HANDHOLE | ⊠ | ⊠ |
| G.S. CONDUIT IN TRENCH (T) OR PUSHED (P) | --- | --- |
| DETECTOR LOOP | □ | □ |
| UNIT DUCT | LD | LD |
| SYSTEM | S | S |
| INTERSECTION | IP | I |
| WOOD POLE | ⊙ | ⊙ |

EXISTING 1/2" CONDUIT TO BE MAINTAINED FOR INTERCONNECT TO CONTROLLER AT OLD GRAND AVENUE. SEE DETAIL A.

INSTALL 2" UNIT DUCT FROM HANDHOLE TO 10 FEET UP POLE ON TEMPORARY TRAFFIC SIGNAL WOOD POLE (INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION)

DRILL EXIST. HANDHOLE (1)

EXIST. R.O.W.

EXIST. R.O.W.

PROPOSED DETECTOR LOOPS WITH SYSTEM OUTPUT

EXIST DETECTOR LOOPS WITH SYSTEM OUTPUT

EXIST. R.O.W.

CHURCH ROAD

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

PROPOSED R.O.W.

(111'-E-4')

(96'-E-4')

220'-T

EXIST. R.O.W.

TEMPORARY INTERCONNECT NOTE (CHURCH ROAD TO INDUSTRIAL DRIVE)

1. INSTALL ONE (1) TEMPORARY WOOD POLE ADJACENT TO EXIST HANDHOLE ON EAST APPROACH. REMOVE EXIST 3 PAIR NO. 18 CABLE BETWEEN CHURCH ROAD AND INDUSTRIAL DRIVE CONTROLLER (APPROX LENGTH 2080'). THE COST FOR THIS WORK SHALL BE PAID FOR AS REMOVE ELECTRIC CABLE FROM CONDUIT.
2. INSTALL NEW 3 PAIR NO. 18 CABLE ON AERIAL CABLE FROM CHURCH ROAD TEMPORARY CONTROLLER TO TEMPORARY WOOD POLE LOCATED 200' EAST OF CHURCH ROAD AND EXTEND DOWN TO EXIST HANDHOLE THRU NEW 2" UNIT DUCT. INSTALL REMAINING CABLE IN EXIST CONDUIT TO INDUSTRIAL DRIVE CONTROLLER (APPROX LENGTH 1900') THIS SHALL BE PAID FOR AS ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR.
3. ONCE THE PERMANENT SIGNAL CONDUIT IS INSTALLED AT THE CHURCH ROAD INTERSECTION, THE CABLE SHALL BE REMOVED FROM THE AERIAL SPAN WIRE AND INSTALLED IN THE NEW SIGNAL CONDUIT. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE COST FOR ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR.

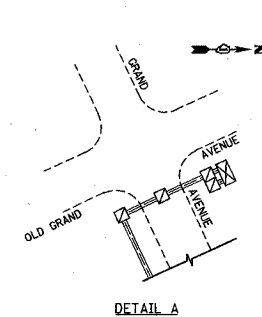
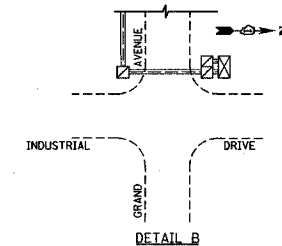
INSTALL WOOD POLE AND 2" UNIT DUCT FROM HANDHOLE TO 10 FEET UP POLE, (INCIDENTAL TO TEMPORARY TRAFFIC SIGNAL INSTALLATION)

DRILL EXIST. HANDHOLE (2)

EXIST. R.O.W.

EXIST. R.O.W.

EXISTING 1/2" CONDUIT TO BE MAINTAINED FOR INTERCONNECT TO CONTROLLER AT INDUSTRIAL DRIVE. SEE DETAIL B.



| | | |
|------|----|----------|
| DATE | BY | REVISION |
| | | |
| | | |
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| | | |
|------|----|----------|
| DATE | BY | REVISION |
| | | |
| | | |
| | | |



| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION INTERCONNECT PLAN GRAND AVENUE |
|-----------|------|---|
| NAME | DATE | |
| | | HORIZ. 50 0 50 VERT. 5 0 5 SCALE IN FEET DATE 7-9-04 DRAWN BY ALS CHECKED BY MJL |
| | | |
| | | |
| | | |
| | | |