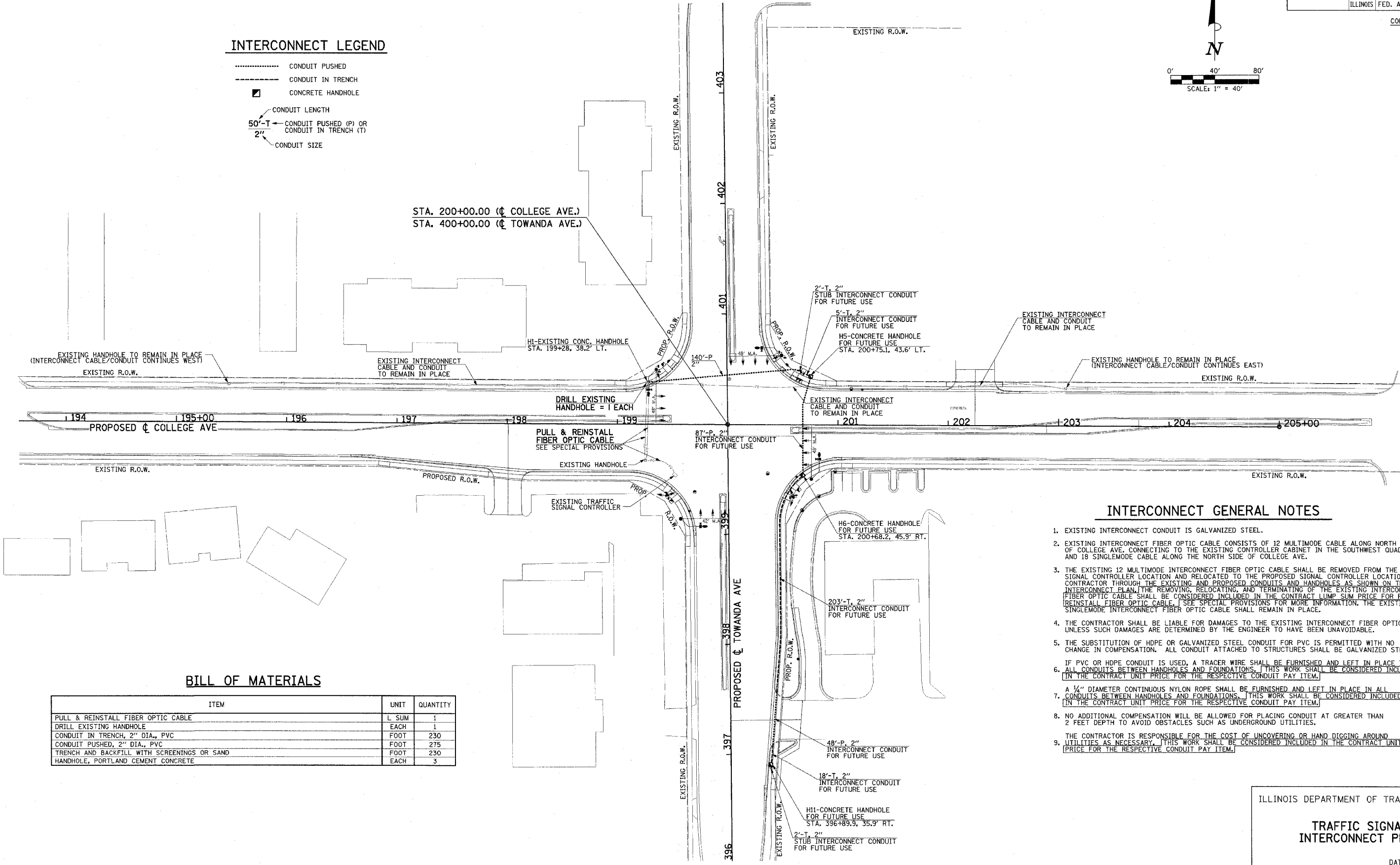


**INTERCONNECT LEGEND**

- ..... CONDUIT PUSHED
- CONDUIT IN TRENCH
- CONCRETE HANDHOLE
- ← CONDUIT LENGTH
- 50'-T ← CONDUIT PUSHED (P) OR CONDUIT IN TRENCH (T)
- 2" ← CONDUIT SIZE



**INTERCONNECT GENERAL NOTES**

1. EXISTING INTERCONNECT CONDUIT IS GALVANIZED STEEL.
2. EXISTING INTERCONNECT FIBER OPTIC CABLE CONSISTS OF 12 MULTIMODE CABLE ALONG NORTH SIDE OF COLLEGE AVE, CONNECTING TO THE EXISTING CONTROLLER CABINET IN THE SOUTHWEST QUADRANT AND 18 SINGLEMODE CABLE ALONG THE NORTH SIDE OF COLLEGE AVE.
3. THE EXISTING 12 MULTIMODE INTERCONNECT FIBER OPTIC CABLE SHALL BE REMOVED FROM THE EXISTING SIGNAL CONTROLLER LOCATION AND RELOCATED TO THE PROPOSED SIGNAL CONTROLLER LOCATION BY THE CONTRACTOR THROUGH THE EXISTING AND PROPOSED CONDUITS AND HANDHOLES AS SHOWN ON THE INTERCONNECT PLAN. THE REMOVING, RELOCATING, AND TERMINATING OF THE EXISTING INTERCONNECT FIBER OPTIC CABLE SHALL BE CONSIDERED INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR PULL & REINSTALL FIBER OPTIC CABLE. SEE SPECIAL PROVISIONS FOR MORE INFORMATION. THE EXISTING 18 SINGLEMODE INTERCONNECT FIBER OPTIC CABLE SHALL REMAIN IN PLACE.
4. THE CONTRACTOR SHALL BE LIABLE FOR DAMAGES TO THE EXISTING INTERCONNECT FIBER OPTIC CABLE UNLESS SUCH DAMAGES ARE DETERMINED BY THE ENGINEER TO HAVE BEEN UNAVOIDABLE.
5. THE SUBSTITUTION OF HDPE OR GALVANIZED STEEL CONDUIT FOR PVC IS PERMITTED WITH NO CHANGE IN COMPENSATION. ALL CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
6. IF PVC OR HDPE CONDUIT IS USED, A TRACER WIRE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE RESPECTIVE CONDUIT PAY ITEM.
7. A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE RESPECTIVE CONDUIT PAY ITEM.
8. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FEET DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE RESPECTIVE CONDUIT PAY ITEM.

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
PULL & REINSTALL FIBER OPTIC CABLE	L SUM	1
DRILL EXISTING HANDHOLE	EACH	1
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	230
CONDUIT PUSHED, 2" DIA., PVC	FOOT	275
TRENCH AND BACKFILL WITH SCREENINGS OR SAND	FOOT	230
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL INTERCONNECT PLAN**

DATE : 3-07  
 DRAWN BY : S.M.W.  
 CHECKED BY : J.T.P.  
 SCALE : 1"=40'