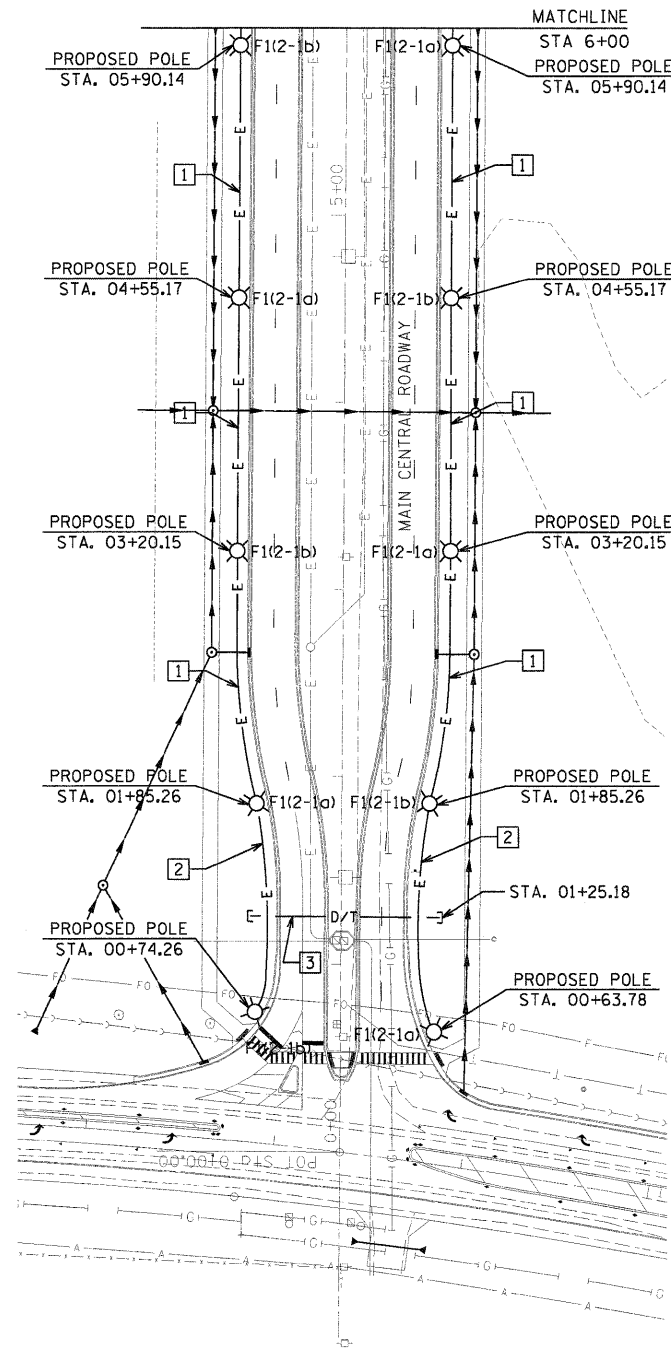


LEGEND

-----E-----	EXISTING UNDERGROUND ELECTRIC LINE
-----US-----	EXISTING UNDERGROUND SECONDARY ELECTRIC
-----UP-----	EXISTING UNDERGROUND PRIMARY ELECTRIC
-----D/T-----	EXISTING UNDERGROUND DATA/TELEPHONE LINE
-----D/T-----	PROPOSED UNDERGROUND DATA/TELEPHONE LINE
-----E-----	PROPOSED UNDERGROUND ELECTRIC LINE
-----P-----	PROPOSED UNDERGROUND PRIMARY ELECTRIC LINE
⊗	PROPOSED ROADWAY LIGHT POLE/FIXTURE
⊠	PROPOSED LIGHTING CONTROLLER
⊗	EXISTING ROADWAY LIGHT POLE/FIXTURE
⊕	POWER POLE



SUMMARY OF QUANTITIES - NIU FAR WEST CAMPUS ROADWAY EXPANSION

ELECTRIC SERVICE INSTALLATION	EACH	1
LUMINAIRE, (SPECIAL)	EACH	88
LIGHT POLE, ALUMINUM 30 FT. M.H., 8FT MAST ARM	EACH	88
CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	14,630
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	25
CONDUIT PUSHED, 1" DIA., GALVANIZED STEEL	FOOT	575
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C, NO. 10	FOOT	75,615
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C, NO. 4	FOOT	1,915
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C, NO. 3/0	FOOT	130
ELECTRIC CABLE IN CONDUIT, 15KV (EPR-TYPE) 1/C, NO.2/0	FOOT	5,745
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	16,655
ELECTRIC MANHOLE, 6FT X 10FT X 7FT, WITH 30IN. FRAME AND COVER	EACH	5
TRANSFORMER, 13.2KV - 480/277V, 75 KVA	EACH	2
LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP	EACH	2
LIGHT POLE FOUNDATION	EACH	88
CONDUIT ENCASED, CONCRETE, 5" DIA., PVC, 2 WIDE X 1 HIGH	FOOT	1,860
CONDUIT ENCASED, REINFORCED CONCRETE, 5" DIA., PVC 2 WIDE X 1 HIGH	FOOT	290
CONDUIT ENCASED, REINFORCED CONCRETE, 5" DIA., PVC 3 WIDE X 2 HIGH	FOOT	210

LIGHTING GENERAL NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER AT THE PRE CONSTRUCTION INSPECTION. THE EXACT LOCATIONS OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF THE "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.

PLAN KEYED NOTES:

- PROVIDE 4#10, #10G., 1" C.
- PROVIDE 2#10, #10G., 1" C.
- EXTEND DUCT 5'-0" PAST BACK OF CURB. EXTEND PVC CONDUITS 1'-0" BEYOND CONCRETE ENCASEMENT AND CAP FOR FUTURE EXTENSION. EXTEND REBAR 1'-0" BEYOND CONCRETE ENCASEMENT AND WRAP WITH TAPE (6-5" C.).

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING THE SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CONTACT JOINT UTILITY LOCATING INFORMATION FOR EXCAVATING (JULIE) 1-800-892-0123 FOR UTILITY INFORMATION.

