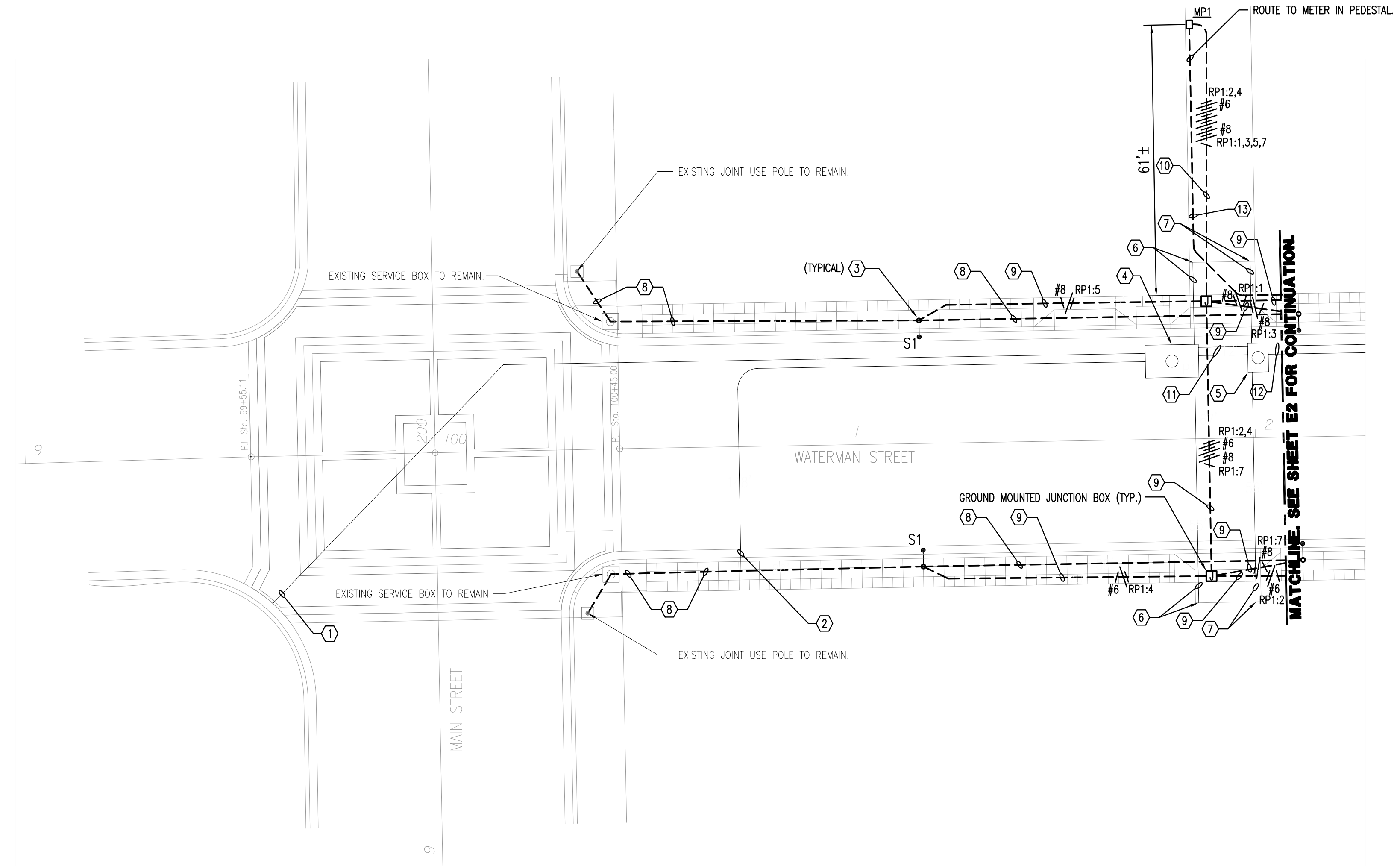


SUMMARY OF ELECTRIC LIGHTING SYSTEM QUANTITIES

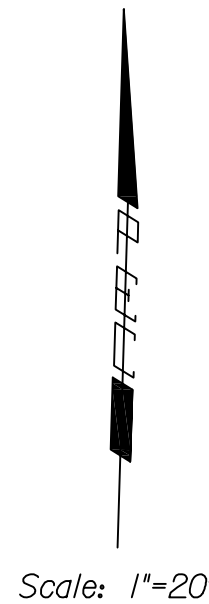
| DESCRIPTION | UNIT OF MEASURE | QUANTITY |
|--|-----------------|----------|
| ENCLOSURE PEDESTAL | EACH | 7 |
| GROUND MOUNTED JUNCTION BOX | EACH | 16 |
| CABLE CONNECTORS | EACH | 47 |
| 2 #4; 1 #8 GROUND AWG COPPER CABLE | FOOT | 1,841 |
| 2 #6; 1 #8 GROUND AWG COPPER CABLE | FOOT | 2,612 |
| 2 #8; 1 #8 GROUND AWG COPPER CABLE | FOOT | 3,144 |
| 2 #10; 1 #10 GROUND AWG COPPER CABLE | FOOT | 5,760 |
| 2" PVC CONDUIT | FOOT | 1,728 |
| 2" RGS CONDUIT | FOOT | 5346 |
| 2" PVC CONDUIT 90° ELBOW | EACH | 34 |
| 2" RGS CONDUIT 90° ELBOW | EACH | 52 |
| 3/4" x 10'-0" GROUND RODS WITH CLAMPS | EACH | 38 |
| STREET LIGHT FIXTURE S1 - 400W MH - 30'-0" RTS POLE | EACH | 16 |
| STREET LIGHT FIXTURE S2 - 175W PMH - 20'-0" RTS POLE | EACH | 15 |
| STREET LIGHT FIXTURE S3 - ???W MH - 26'-6" RTA POLE | EACH | 9 |
| STREET LIGHT FIXTURE S4 - 400W MH - JOINT USE POLE | EACH | 5 |
| SCREW IN FOUNDATION FOR LIGHT POLE | EACH | 45 |
| 20A. 125V. 2P. 3W. GFCI RECEPTACLE WITH IN-USE COVER | EACH | 27 |
| TRENCH AND BACKFILL | FOOT | 7,957 |

* FOR INFORMATION ONLY. THE BID ITEM "STREET LIGHTING" SHALL INCLUDE ALL ITEMS LISTED AND ALL EQUIPMENT AND MATERIALS NECESSARY FOR THE COMPLETE OPERATION OF THE ELECTRICAL LIGHTING SYSTEM.



KEYED NOTES:

- ① (2) 6" CONDUITS WITH PULL ROPES. ROUTE CONDUITS TO SIDEWALK AND CAP FOR FUTURE WESTAR USE.
- ② (1) 4" CONDUIT WITH PULL ROPE. ROUTE CONDUIT PAST SIDEWALK AND CAP FOR FUTURE COX COMMUNICATIONS USE.
- ③ STREET LIGHTING POLE. LETTER DESIGNATES POLE/FIXTURE TYPE. SEE POLE DETAIL SHEET AND LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- ④ ELECTRICAL POWER MANHOLE. SEE ELECTRICAL DUCTBANK PLANS FOR EXACT LOCATION AND ADDITIONAL INFORMATION. COMMUNICATIONS CONDUITS SHALL PASS THROUGH MANHOLE UNBROKEN.
- ⑤ ELECTRICAL COMMUNICATIONS MANHOLE. SEE ELECTRICAL DUCTBANK PLANS FOR EXACT LOCATION AND ADDITIONAL INFORMATION. POWER CONDUITS SHALL PASS THROUGH MANHOLE UNBROKEN.
- ⑥ (1) 6" CONDUIT WITH PULL ROPE ROUTED TO ALLEY FOR FUTURE WESTAR USE. CAP CONDUIT AND PROVIDE UTILITY MARKER AT GRADE TO INDICATE END OF CONDUIT.
- ⑦ (1) 4" CONDUIT WITH PULL ROPE ROUTED TO ALLEY FOR FUTURE COX COMMUNICATIONS CABLE ROUTING. CAP CONDUIT AND PROVIDE UTILITY MARKER AT GRADE TO INDICATE END OF CONDUIT.
- ⑧ (1) 2" PVC CONDUIT WITH PULL ROPE FOR STREET LIGHTING CIRCUITING.
- ⑨ (1) 2" RGS CONDUIT FOR POLE MOUNTED RECEPTACLE CIRCUITING.
- ⑩ CONTINUE (1) 2" RGS CONDUIT THROUGH ALLEY AND TO ENCLOSURE FOR RECEPTACLE CIRCUITS TERMINATION. SEE SHEET R43 FOR ALLEY PAVEMENT CUT & PATCH DETAIL.
- ⑪ (6) 6" C. POWER DUCTBANK AND (1) 4" C. COMMUNICATION DUCTBANK. SEE ELECTRICAL DUCTBANK PLAN DETAILS.
- ⑫ (6) 6" C. (POWER) AND (6) 4" C. (COMM.) DUCTBANK. SEE ELECTRICAL DUCTBANK PLAN DETAILS.
- ⑬ (1) 2" RGS CONDUIT FOR JOINT USE POLE LIGHTS AT MARKET/WATERMAN INTERSECTION.



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|---|----------|---------|----------------|
| No. | Revision | By | Date |
| WATERMAN STREET | | | |
| ELEC. STREETScape PLAN | | | |
| STA. 96+00 TO STA. 102+00 | | | |
| JAMES L. ARMOUR, P.E.—CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-84167 | | | |
| Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003 | | | |
| Designed by | SMS | Job No. | 06237 |
| Drawn by | WAN | Date | February, 2007 |
| | | | Sht. E1 of 8 |