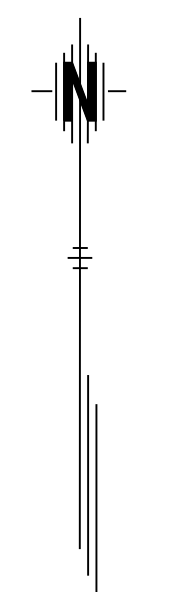


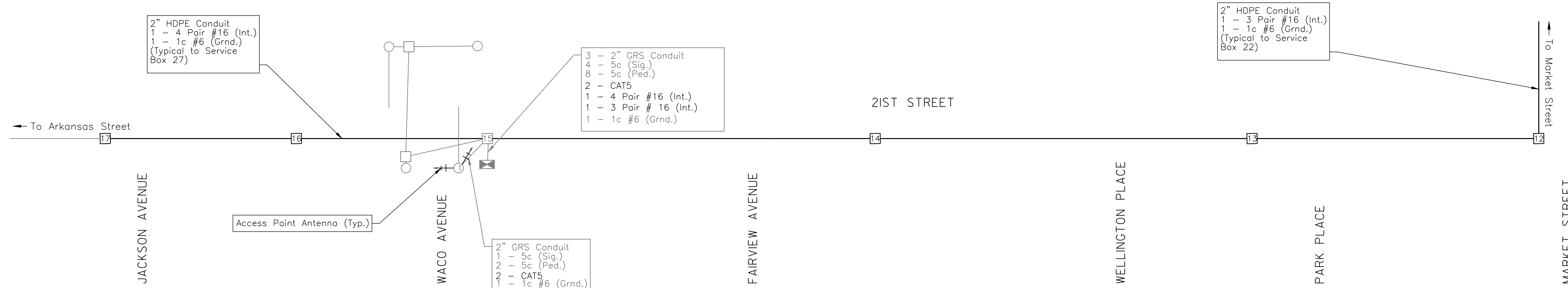
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84295	2010	123	194

LEGEND

- Sig. - Signal Cable
- Ped. - Pedestrian Signal and Push Button Cable
- St. Lt. - Street Light Cable
- Sig. - Signal Cable
- Ped. - Pedestrian Signal and Push Button Cable
- St. Lt. - Street Light Cable
- GRS - Galvanized Rigid Steel Conduit
- HDPE - High Density Polyethylene Conduit
- Video - Video Cable
- Int. - Interconnect Cable
- Grnd. - Ground Wire
- Power - Power Cable
- CAT5 - Category 5 Ethernet Cable
- 2" COND. - Existing Equipment to Remain in Use
- Proposed Conduit
- Existing Conduit



DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	



NOTES

1. SERVICE BOX 17 SHALL BE PLACED TO MATCH EXISTING ARKANSAS STREET INTERCONNECT CONDUIT. NEW INTERCONNECT CABLE SHALL BE SPliced TO EXISTING INTERCONNECT CABLE BY MEANS OF A SPLICE KIT. ALL SPLICES SHALL BE MADE WATERPROOF. EXISTING AERIAL INTERCONNECT AND INTERCONNECT HARDWARE BETWEEN MARKET STREET AND THE JACKSON STREET SPLICE SHALL BE REMOVED IN SALVAGABLE CONDITION AND WILL BECOME THE PROPERTY OF THE CITY AND DELIVERED TO 1801 S. MCLEAN.
2. SENSYS NETWORKS VEHICLE SENSOR NODES SHALL BE INSTALLED AT THE WACO STREET INTERSECTION FOR THE EAST AND WEST LEGS AS SHOWN. THE CONTRACTOR SHALL USE THE EXISTING HARDWARE, POLES, MAST ARMS AND CONTROLLER IN PLACE. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING THE EXISTING INDUCTIVE LOOP ON THE SOUTH APPROACH IF IT IS DAMAGED DURING CONSTRUCTION. THE INDUCTIVE LOOPS, LOOP CONDUIT AND LOOP JUNCTION BOXES ON THE EAST AND WEST APPROACHES WILL BE REMOVED BY THE CONTRACTOR WITHIN THE LIMITS OF THE PAVEMENT/SIDEWALK REPLACEMENT. THE INDUCTIVE LOOPS, LOOP CONDUIT AND LOOP JUNCTION BOXES ON THE EAST AND WEST APPROACHES IN AREAS WHERE SIDEWALK REPLACEMENT IS NOT TAKING PLACE. THE CONTRACTOR SHALL MATCH THE EXISTING PHASING AND TIMING AT THE WACO SIGNAL.
3. EXISTING WIRING INFORMATION AND CONDUIT RUNS ARE BASED OFF OF THE BEST DATA AVAILABLE TO THE CITY. EXISTING CONDITIONS SHOULD BE FIELD VERIFIED. EXISTING WIRING AND POLE WIRING DIAGRAMS NOT SHOWN ARE DONE SO FOR CLARITY. EXISTING LOOP WIRING AND INTERCONNECT WIRING TO BE REMOVED ARE NOT SHOWN FOR CLARITY.

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CITY OF WICHITA	
21ST STREET NORTH & BROADWAY AVENUE INTERSECTION	
WIRING DIAGRAM	
21ST STREET INTERCONNECT	
WICHITA, KANSAS	
DESIGNED	DRAWN
M.D.B.	D.A.N.
CHECKED	DATE
B.A.L.	1/8/2010

