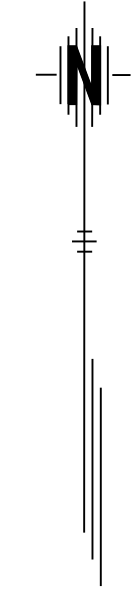
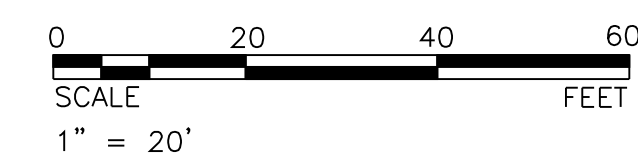


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84295	2010	122	194

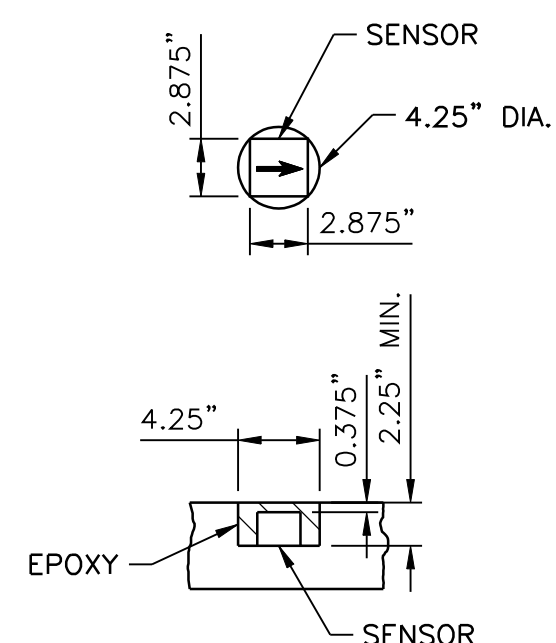


LEGEND

- | | |
|--|--|
| ○ METAL TRAFFIC SIGNAL POLE | ○ EXISTING METAL TRAFFIC SIGNAL POLE |
| → PEDESTRIAN SIGNAL INDICATION | → EXISTING PEDESTRIAN SIGNAL INDICATION |
| → TRAFFIC SIGNAL INDICATION | → EXISTING TRAFFIC SIGNAL INDICATION |
| → TRAFFIC SIGNAL WITH BACKPLATE | → EXISTING TRAFFIC SIGNAL WITH BACKPLATE |
| (B') MAST ARM SUSPENDED TRAFFIC SIGNAL | □ EXISTING SERVICE BOX |
| ■ 36" SERVICE BOX | ○ EXISTING JUNCTION BOX |
| ○ JUNCTION BOX | --- EXISTING CONDUIT |
| --- CONDUIT (TRENCHED) | ● VEHICLE SENSOR NODE |
| --- CONDUIT (BORED) | ++ REPEATER OR ACCESS POINT ANTENNA FOR VEHICLE SENSOR NODES |
| □ CONTROLLER AND CABINET (PAD MOUNTED) | |
| ○ SECONDARY SERVICE POINT | |
| ○ DETECTOR NUMBER | |
| □ VIDEO DETECTION ZONE | |
| ⊗ LUMINAIRE | |
| P.B. PEDESTRIAN PUSH BUTTON | |
| ○ POLE NUMBER | |
| ↑ SIGN (LARGE) | |
| ↑ SIGN (SMALL) | |
| □ VIDEO DETECTION CAMERA | |
| ○ SERVICE BOX NUMBER | |

SERVICE BOX LOCATIONS		
BOX NO.	STATION	OFFSET
17	27+71.00	25.5' RT.

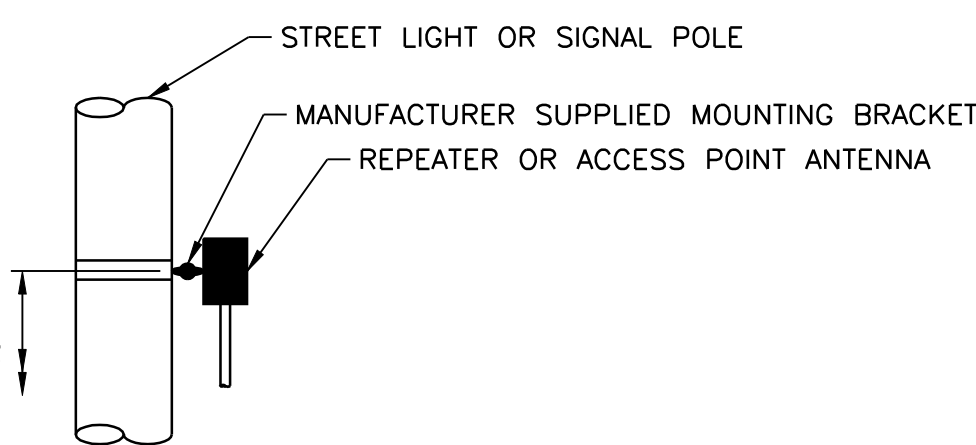
*EXISTING SERVICE BOX



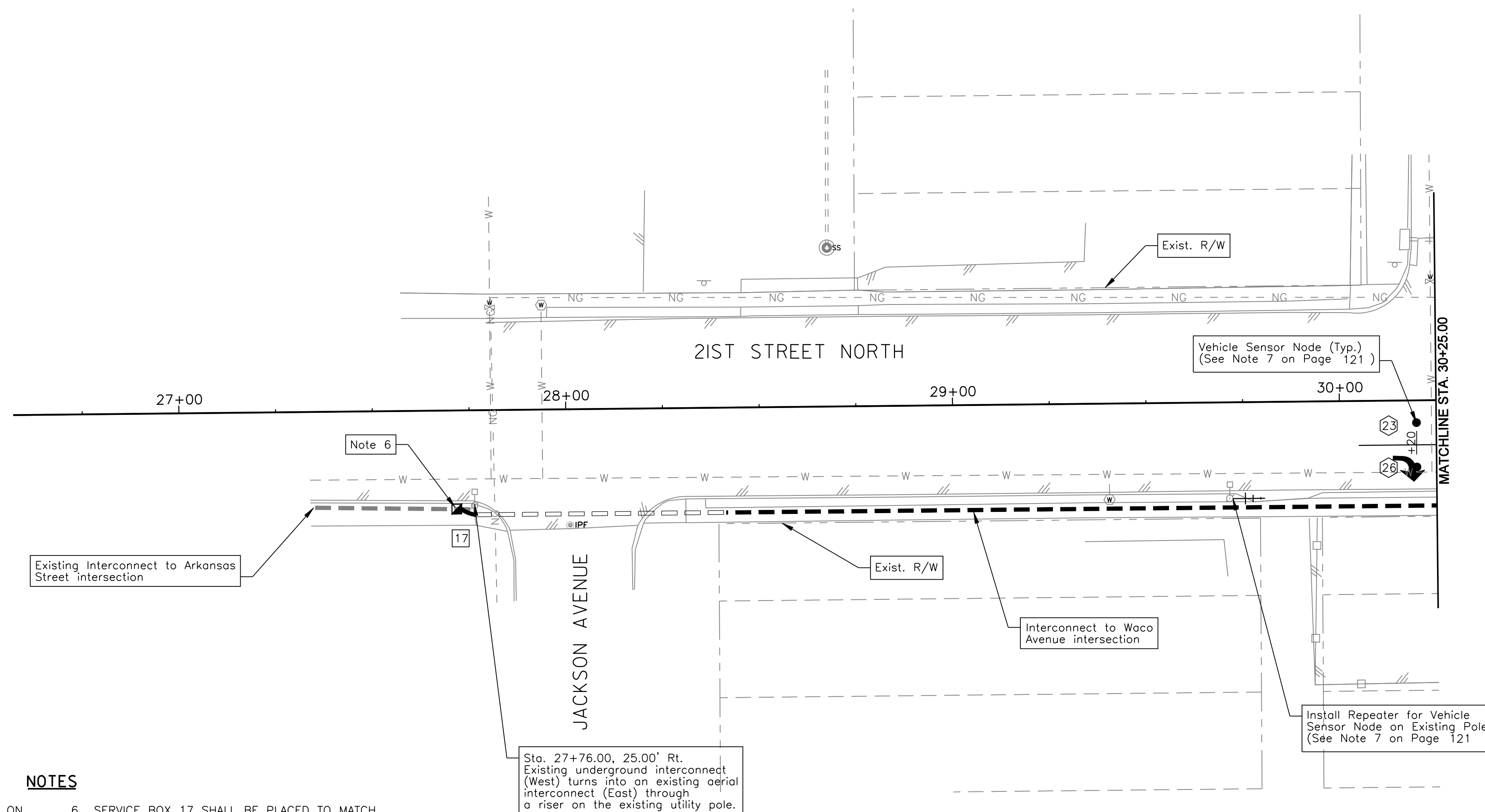
VEHICLE SENSOR NODE INSTALLATION DETAIL (NTS)

NODE INSTALLATION NOTES

1. PRIOR TO INSTALLATION, NOTE SENSOR'S IDENTIFICATION NUMBER, LANE NUMBER, AND LOCATION IN LANE.
2. UNLESS OTHERWISE SPECIFIED, INSTALL THE SENSOR IN CENTER OF LANE.
3. CORE HOLE AT LEAST 2.25" DEEP, SO THAT WHEN INSTALLED THE TOP OF THE SENSOR IS AT LEAST 0.25" BELOW THE SURFACE.
4. ENSURE SENSOR IS INSTALLED FLAT IN CORED HOLE, AND IS NOT TILTED.



VEHICLE SENSOR NETWORK POLE MOUNT DETAIL (NTS)



NOTES

1. VEHICLE SENSOR LOCATIONS SHALL BE PAINTED ON THE PAVEMENT AND REVIEWED AND APPROVED BY THE ENGINEER.
2. SERVICE AND JUNCTION BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.
3. ALL EQUIPMENT SHALL BE NEW UNLESS SHOWN OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL REMOVE ALL EXISTING EQUIPMENT THAT IS NOT TO BE RE-USED. SIGNAL HEADS OR TRAFFIC SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL, SHALL BE COVERED OR REMOVED AND DELIVERED TO 1801 S. MCLEAN.
4. EXISTING FEATURES AND UTILITIES ARE SHOWN FROM AVAILABLE INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY UTILITIES AND THEIR EXACT LOCATION PRIOR TO CONSTRUCTION.
5. SERVICE BOXES 17 IS PART OF INTERCONNECT SYSTEM BETWEEN THE WACO AVENUE INTERSECTION (EAST) AND THE ARKANSAS STREET INTERSECTION (WEST).
6. SERVICE BOX 17 SHALL BE PLACED TO MATCH EXISTING ARKANSAS STREET INTERCONNECT CONDUIT. NEW INTERCONNECT CABLE SHALL BE SPICED TO EXISTING INTERCONNECT CABLE BY MEANS OF A SPLICE KIT. ALL SPLICES SHALL BE MADE WATERPROOF. EXISTING AERIAL INTERCONNECT AND RISER SHALL BE REMOVED, AND WILL BECOME THE PROPERTY OF THE CITY.
7. ALL CONDUIT RUNS SHALL BE STRAIGHT BETWEEN BOXES AND/OR FOUNDATIONS. CURVE LINES SHOWN ON PLAN FOR CLARITY ONLY.

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

Plotted By: danavarr
 File: g:\W050001\ROAD\001ts05.sht
 Plotted: 1/8/2010

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

TranSystems