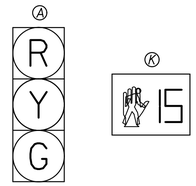
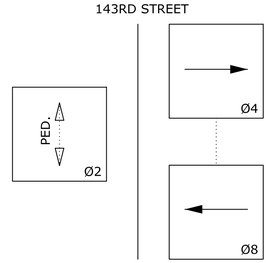
SIGNAL FACES

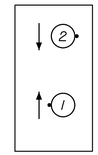


NOTE: ALL LENSES SHALL BE 12" L.E.D. PEDESTRIAN LENSES SHALL 16" AND BE COUNTDOWN SIGNALS.

PHASE DIAGRAM



PEDESTRIAN PUSH BUTTON LAYOUT



POLE & CONTROLLER LOCATIONS				
POLE NO.	STATION	OFFSET	NORTHING	EASTING
1	52+07.50	36.50' Rt.	1687418.2128	1697029.7124
2	51+98.00	37.75' Lt.	1687407.7179	1696955.5965
Cont.	51+78.00	45.00' Rt.	1687388.8295	1697038.6073

SERVICE BOX LOCATIONS				
BOX NO.	STATION	OFFSET	NORTHING	EASTING
1	51+94.00	46.00' Rt.	1687404.8414	1697039.3926
2	51+94.00	37.20' Lt.	1687403.7257	1696956.2001
3	51+69.00	45.00' Rt.	1687379.8303	1697038.7280

NOTE:DOTTED LINES CONNECTING PHASES INDICATE PHASES THAT CAN OCCUR CONCURRENTLY.

PHASE 2 SHALL OPERATE EXCLUSIVELY (SPLIT PHASE); PHASE 4 & 8 SHALL BE PLACED ON RECALL.

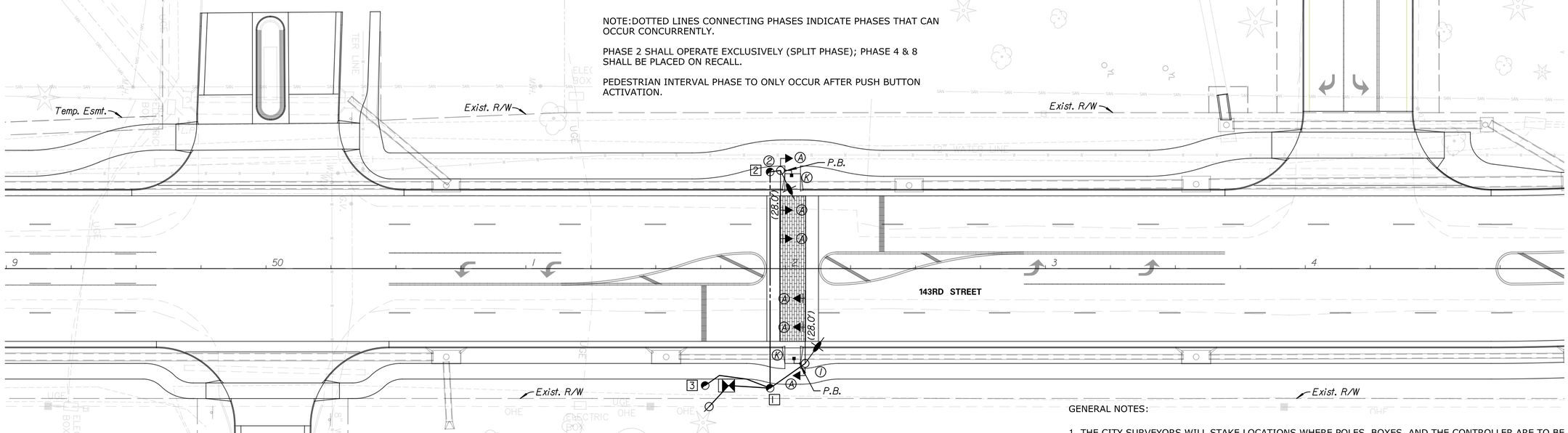
PEDESTRIAN INTERVAL PHASE TO ONLY OCCUR AFTER PUSH BUTTON ACTIVATION.

SCALE

PLAN: Lat. & Long. 20' 0 20' 40'

SIGN LOCATIONS		
SIGN TYPE	POLE NO.	LOCATION ON POLE
W11-2	1	*
W16-7P	1	*
W11-2	2	*
W16-7P	2	*

* MOUNT ABOVE PEDESTRIAN HEAD



LEGEND

LUMINAIRE	DETECTION ZONE
TRAFFIC SIGNAL POLE	3" CONDUIT
TRAFFIC SIGNAL PEDESTAL	2" CONDUIT
TRAFFIC SIGNAL HEAD W/TYPE DESIGNATION	1 1/2" CONDUIT
TRAFFIC SIGNAL HEAD W/TYPE DESIGNATION & BACKPLATE	SIGN ON 1 POST
PEDESTRIAN SIGNAL & PUSHBUTTON	SIGN ON 2 POSTS
POLE MOUNTED CONTROLLER	
PAD MOUNTED CONTROLLER	DETECTOR NUMBER
JUNCTION BOX	POLE NUMBER
SERVICE BOX	SERVICE BOX NUMBER
SECONDARY SERVICE POINT	
P.B. PEDESTRIAN PUSH BUTTON	

GENERAL NOTES:

1. THE CITY SURVEYORS WILL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. APPROVED STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO CONTRACTOR ORDERING TRAFFIC SIGNAL POLES AND HARDWARE.

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. LUMINAIRE ARMS SHALL BE ORIENTED 90 DEGREES TO THE MAST ARM TYPICALLY EXCEPT POLE 1 WHICH SHALL BE PARALLEL. OTHERS (WESTAR) WILL MOUNT THE LUMINAIRE'S AND ARMS ON THE POLES. CONTRACTOR SHALL PROVIDE LUMINAIRE ARMS AND WIRING AS SHOWN ON THE WIRING DIAGRAM.

4. ALL EQUIPMENT SHALL BE NEW UNLESS SHOWN OTHERWISE ON THE PLANS. SIGNAL HEADS OR TRAFFIC SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL, SHALL BE COVERED OR REMOVED.

5. ALL CONDUIT SHALL BE BORED UNDER EXISTING PAVEMENT AND SIDEWALK NOT BEING REPLACED. THIS WORK SHALL BE SUBSIDIARY TO THE BID ITEM "TRAFFIC SIGNAL".

6. 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.

7. ALL CONDUIT RUNS SHALL BE STRAIGHT BETWEEN BOXES AND/OR FOUNDATIONS. CURVED LINES SHOWN ON PLAN FOR CLARITY ONLY.

8. INSTALL METER AND OTHER ELECTRICAL COMPONENTS PER POWER POLE AND SPAN POLE ASSEMBLY SHEETS. ASSUMED PROPOSED POWER HOOK-UP SHOWN. CONTRACTOR SHALL COORDINATE POWER HOOK-UP WITH WESTAR.

9. PROPOSED PAVEMENT MARKING & STATIONING ARE SCREENED FOR CLARITY. SEE PAVEMENT MARKING SHEETS FOR MORE INFORMATION.

10. METER ADDRESS IS XXXX WICHITA, KS XXXXX.

TranSystems
245 NORTH WACO
SUITE 222
WICHITA, KANSAS 67202
PHONE: 316-303-3000
FAX: 316-462-5629

CONSULTANTS:

143RD STREET IMPROVEMENTS

WICHITA, KANSAS

CITY OF WICHITA

REVISIONS:		
MARK	DATE	DESCRIPTION

PROJ NO:	87 N-0614-01
SCALE:	1" = 20'
DATE:	5/26/2017
DESIGNED BY:	CCB
DRAWN BY:	CCB
CHECKED BY:	SGE

SHEET TITLE:

TRAFFIC SIGNAL PEDESTRIAN CROSSING

SHEET NO.

155

SHEET 155 OF 236

IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING

tsummel 5/26/2017 - 11:18:34 AM c:\transystems\pw_local\transyscorp-pw1\tsummel\d0228400\C-SIG-M01-102.dgn