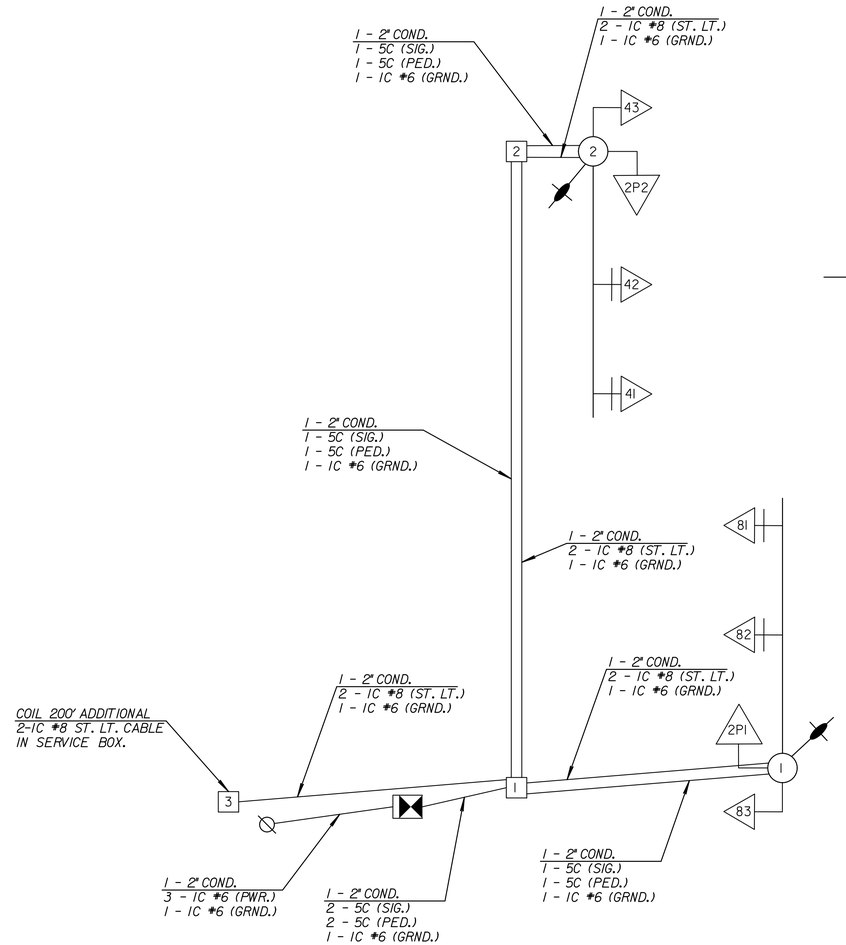

SUGGESTED TIMINGS (SEC.)								
PHASE	MINIMUM INITIAL	UNIT EXTENSION	MAXIMUM GREEN	PEDESTRIAN			CLEARANCE	
				WALK	FDW	SDW	YELLOW	ALL RED
*4	-	-	-				4.1	1.1
2	-	-	-	7	14	3	-	2
*8	-	-	-				3.8	1.1

*PHASE TO BE PLACED ON RECALL.

CLEARANCE DESIGN SPEEDS:
143RD STREET = 40 MPH

EMERGENCY FLASH	
PHASE	INDICATION
4	Yellow
8	Yellow
Pedestrian	Dark

NOTES

1. ALL WIRES SHALL BE AWG #14 UNLESS SPECIFIED OTHERWISE. ALL WIRE SHALL BE SOLID WIRE. STRANDED WIRE IS NOT ALLOWED.
2. 1C GROUND WIRE SHALL BE #6 AWG GREEN SOLID COPPER WIRE IN ACCORDANCE WITH ASTM B-3, BONDED TO CONDUIT.
3. IN NO CASE SHALL MORE THAN 60% OF AN CONDUIT BE FILLED.
4. LUMINAIRES WILL BE INSTALLED BY OTHERS (WESTAR). CONTRACTOR SHALL PROVIDE LUMINAIRE ARMS AND WIRING AS SHOWN ON THE WIRING DIAGRAM. AN ADDITIONAL 200' OF 1C #8 STREET LIGHT CABLE SHALL BE COILED IN SERVICE BOX #3 LOCATED NEAR THE SERVICE POINT.
5. ALL CONDUIT SHALL BE HOT DIPPED GALVANIZED RIGID STEEL AS SHOWN IN THE PROJECT SPECIFICATIONS.

LEGEND

COND.	CONDUIT
SIG.	SIGNAL CABLE
PED.	PEDESTRIAN SIGNAL CABLE
DET.	DETECTOR LEAD-IN CABLE
VIDEO	VIDEO POWER & COMMUNICATION CABLE
ST. LT.	STREET LIGHTING CABLE
INT.	SIGNAL INTERCONNECT CABLE
GRND.	WIRE FOR POLE GROUND
COAX.	COAXIAL CABLE

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

CONSULTANTS:

143RD STREET IMPROVEMENTS
WICHITA, KANSAS

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:
WIRING DIAGRAM
PEDESTRIAN
CROSSING

SHEET NO.
156
SHEET 156 OF 236

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