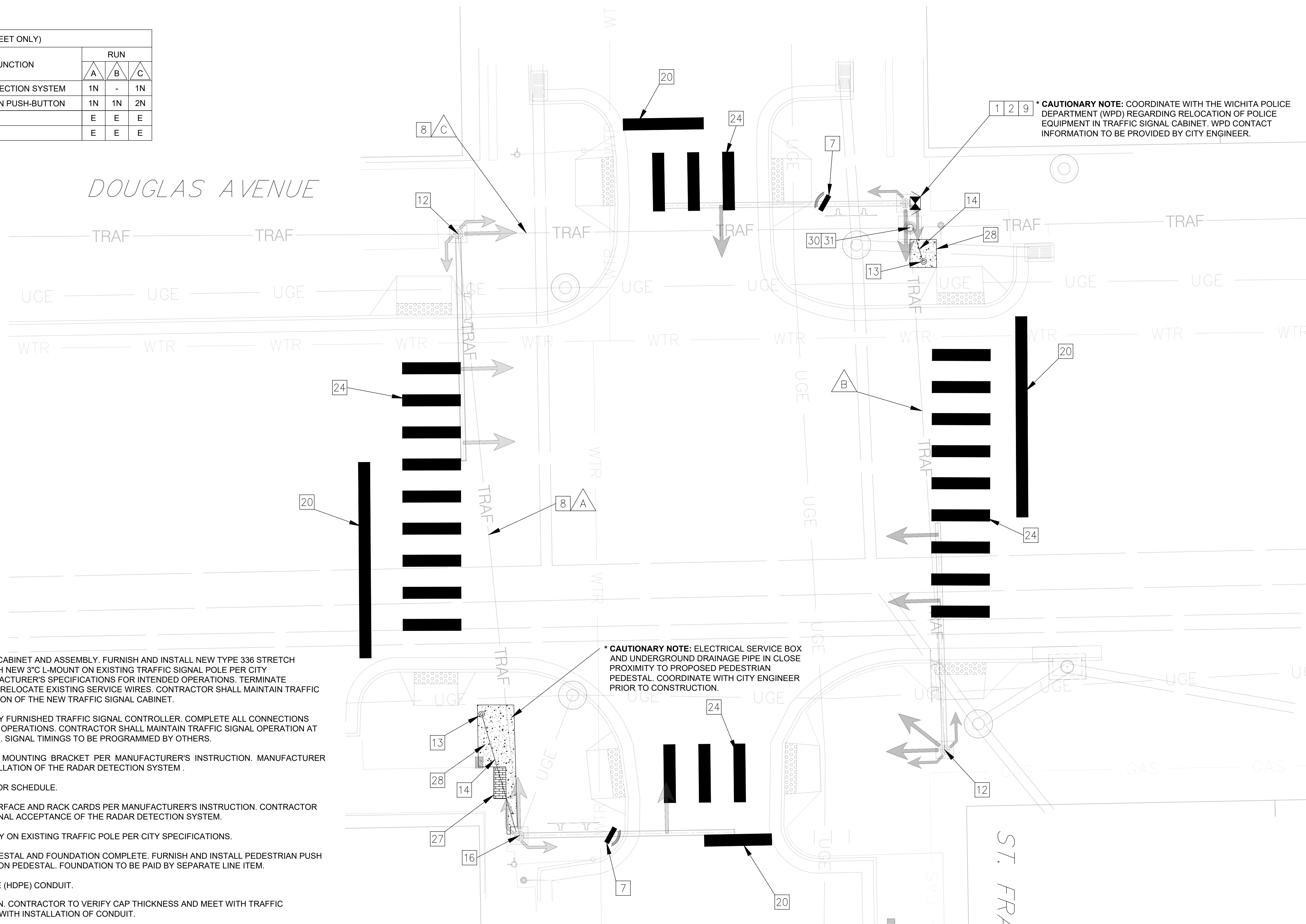
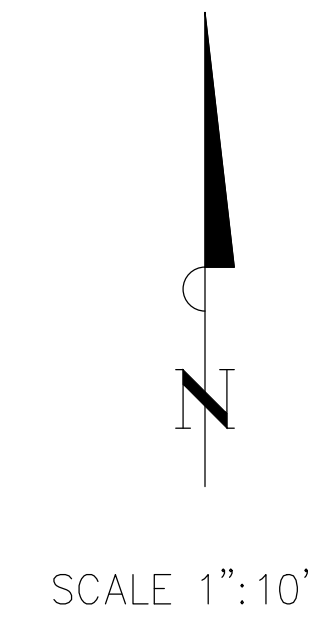


CONDUCTOR SCHEDULE (THIS SHEET ONLY)				
CONDUCTOR TYPE	FUNCTION	RUN		
		A	B	C
RADAR DETECTION CABLE	RADAR DETECTION SYSTEM	1N	-	1N
CONDUCTOR SIGNAL CABLE (5 CSC)	PEDESTRIAN PUSH-BUTTON	1N	1N	2N
CONDUIT SIZE		E	E	E
CONDUIT TYPE		E	E	E

(N) DENOTES NEW (E) DENOTES EXISTING



CAUTIONARY NOTE: COORDINATE WITH THE WICHITA POLICE DEPARTMENT (WPD) REGARDING RELOCATION OF POLICE EQUIPMENT IN TRAFFIC SIGNAL CABINET. WPD CONTACT INFORMATION TO BE PROVIDED BY CITY ENGINEER.

CAUTIONARY NOTE: ELECTRICAL SERVICE BOX AND UNDERGROUND DRAINAGE PIPE IN CLOSE PROXIMITY TO PROPOSED PEDESTRIAN PEDESTAL. COORDINATE WITH CITY ENGINEER PRIOR TO CONSTRUCTION.

NEW INSTALLATION QUANTITIES	
TRAFFIC SIGNAL CABINET	1
TRAFFIC SIGNAL CONTROLLER	1
PEDESTRIAN PUSH BUTTON ASSEMBLY	4
PEDESTRIAN PUSH BUTTON PEDESTAL	2
RADAR DETECTOR UNIT & MOUNTING BRACKET	2
RADAR DETECTION CABINET INTERFACE	1
RADAR DETECTION RACK CARDS	2
RADAR DETECTOR SYSTEM CABLE (LF)	400
24" WHITE PAVEMENT MARKINGS (LF)	340
2" HDPE CONDUIT (LF)	50
5-CSC CONDUCTOR SIGNAL CABLE (LF)	865
BRICK PAVERS (SF)	15
CONCRETE SIDEWALK (SF)	105

CONSTRUCTION NOTES:

- 1 REMOVE AND SALVAGE EXISTING TYPE 336 POLE-MOUNTED CABINET AND ASSEMBLY. FURNISH AND INSTALL NEW TYPE 336 STRETCH POLE-MOUNTED CABINET AND OTHER APPURTENANCES WITH NEW 3" L-MOUNT ON EXISTING TRAFFIC SIGNAL POLE PER CITY SPECIFICATIONS. COMPLETE ALL CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS FOR INTENDED OPERATIONS. TERMINATE EXISTING CONDUCTORS IN NEW CABINET. DISCONNECT AND RELOCATE EXISTING SERVICE WIRES. CONTRACTOR SHALL MAINTAIN TRAFFIC SIGNAL OPERATIONAL AT ALL TIMES DURING THE INSTALLATION OF THE NEW TRAFFIC SIGNAL CABINET.
- 2 REMOVE AND SALVAGE EXISTING CONTROLLER. INSTALL CITY FURNISHED TRAFFIC SIGNAL CONTROLLER. COMPLETE ALL CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS FOR THE INTENDED OPERATIONS. CONTRACTOR SHALL MAINTAIN TRAFFIC SIGNAL OPERATION AT ALL TIMES DURING INSTALLATION OF THE NEW CONTROLLER. SIGNAL TIMINGS TO BE PROGRAMMED BY OTHERS.
- 7 FURNISH AND INSTALL NEW RADAR DETECTOR UNIT AND MOUNTING BRACKET PER MANUFACTURER'S INSTRUCTION. MANUFACTURER REPRESENTATIVE SHALL VERIFY PLACEMENT DURING INSTALLATION OF THE RADAR DETECTION SYSTEM.
- 8 INSTALL NEW RADAR DETECTOR UNIT CABLE PER CONDUCTOR SCHEDULE.
- 9 FURNISH, INSTALL AND CONFIGURE RADAR DETECTION INTERFACE AND RACK CARDS PER MANUFACTURER'S INSTRUCTION. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER AND CITY FOR FINAL ACCEPTANCE OF THE RADAR DETECTION SYSTEM.
- 12 FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON ASSEMBLY ON EXISTING TRAFFIC POLE PER CITY SPECIFICATIONS.
- 13 FURNISH AND INSTALL NEW PEDESTRIAN PUSH BUTTON PEDESTAL AND FOUNDATION COMPLETE. FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON ASSEMBLY ON PROPOSED PEDESTRIAN PUSH BUTTON PEDESTAL. FOUNDATION TO BE PAID BY SEPARATE LINE ITEM.
- 14 FURNISH AND INSTALL NEW 2" HIGH DENSITY POLYETHYLENE (HDPE) CONDUIT.
- 16 1" CONDUIT TO RUN FROM TOP OF SIGNAL POLE FOUNDATION. CONTRACTOR TO VERIFY CAP THICKNESS AND MEET WITH TRAFFIC ENGINEER AND MAINTENANCE STAFF BEFORE PROCEEDING WITH INSTALLATION OF CONDUIT.
- 20 RE-STRIPE 24" SOLID WHITE STOP BAR MARKING.
- 24 RE-STRIPE 24" SOLID WHITE CONTINENTAL CROSSWALK MARKINGS. MARKINGS SHOULD BE SEPARATED BY GAPS OF 5.5 FEET. THE MARKINGS SHOULD AVOID THE WHEEL PATHS.
- 27 REMOVE AND REPLACE BRICK PAVERS AS NEEDED FOR PEDESTRIAN PEDESTAL CONDUIT INSTALLATION. ANY BRICK REMOVED TO BE SALVAGED AND TRANSPORTED TO CMF.
- 28 REMOVE AND REPLACE 4" CONCRETE SIDEWALK AS NEEDED FOR PEDESTRIAN PEDESTAL CONDUIT INSTALLATION.
- 30 CLEAN SERVICE BOX OF EXCESS CONCRETE MATERIAL.
- 31 COIL 6 FEET (1.83 METERS) OF SIGNAL CABLE IN SERVICE BOX FOR SLACK PER CITY SPECIFICATIONS.

LEGEND

	TRAFFIC SIGNAL CABINET
	RADAR DETECTION UNIT
	PEDESTRIAN PUSH-BUTTON PEDESTAL
	VIDEO DETECTION CAMERA

THIS PLAN IS ACCURATE FOR EQUIPMENT UPGRADE WORK ONLY.

PLANS PREPARED BY:

BAUGHMAN COMPANY
315 Ellis St. Wichita, KS 67211 316-262-7271
BaughmanCo.com

1700 Carnegie Avenue, Suite 100
Santa Ana, CA 92705-0051
Phone: (949) 270-9480
Fax: (949) 270-9481

Know what's below.
Call before you dig.

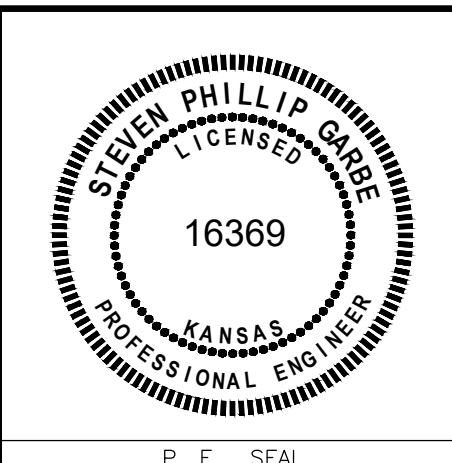
KS: (800) 344-7233 WICHITA: (316) 687-2470

The Contractor shall provide a minimum advance notice of TWO (2) Working Days to Utility Companies prior to any excavation.

REVISIONS			
NO.	DATE	DESCRIPTION	APP.

REFERENCES	
BENCH MARK NO.	DESCRIPTION

DESIGNED BY: BAUGHMAN CO. & ITERIS, INC	DATE: 05/07/21	CHECKED BY: STEVEN P. GARBE	DATE: 05/07/21
DRAWN BY: BAUGHMAN CO. & ITERIS, INC	DATE: 05/07/21		
RECOMMENDED BY:			
APPROVED BY:			



DOUGLAS AVENUE TRAFFIC SIGNAL IMPROVEMENTS
DOUGLAS AVENUE EQUIPMENT UPGRADES
ST. FRANCIS

CITY OF WICHITA

SHEET
14 OF 23

PLAN NUMBER