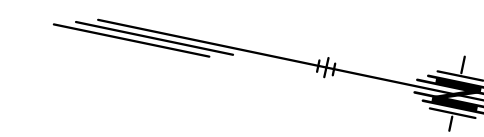
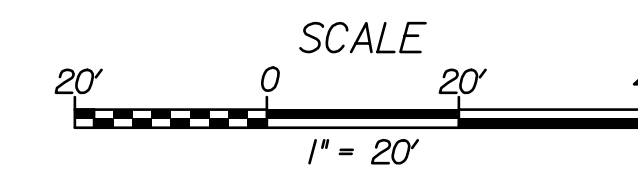


SITE 5 SURVEY CONTROL & DATUM BENCHMARK

Horizontal - Kansas State Plane Coordinates
(NAD83 Kansas South Zone 1502)

Vertical - BM #110
N 1,646,668.723
E 1,665,786.474
Datum: NAVD88 - Elev. = 1294.324'



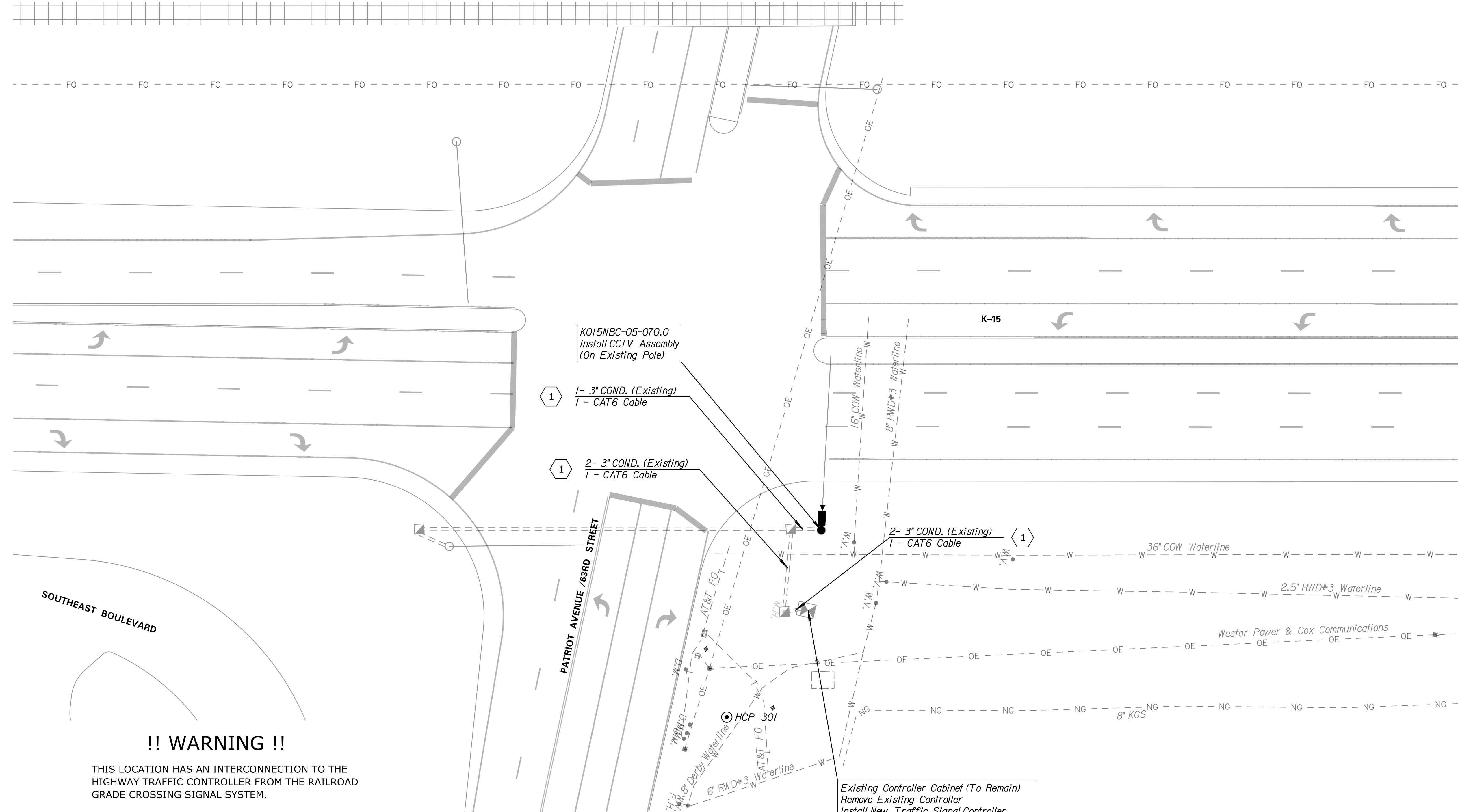
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0673-01	2017	16	99

NOTE: DEVICE AND CONDUIT SYMBOLY ON PLAN SHEET IS NOT SHOWN TO SCALE FOR PLAN CLARITY. DO NOT SCALE LOCATIONS FROM PLAN SHEET.

GENERAL NOTES

1. ALL EQUIPMENT SHALL BE NEW UNLESS SHOWN OTHERWISE ON THE PLANS. EXISTING CONTROLLER CABINET, POWER ENCLOSURE, SERVICE BOX, MALFUNCTION MANAGEMENT UNIT, TRAFFIC SIGNAL CONDUIT AND WIRING TO REMAIN.
2. EXISTING EQUIPMENT SHOWN TO BE REMOVED SHALL BE REMOVED IN SALVAGEABLE CONDITION AND RETURNED TO THE APPROPRIATE GOVERNING ENTITY. FOR MORE INFORMATION, SEE SHEET 4
3. NO CHANGES SHALL BE MADE TO EXISTING TRAFFIC SIGNAL OR EQUIPMENT UNLESS INDICATED IN PLANS OR REQUIRED BY INSTALLATION OF NEW EQUIPMENT.
4. THE EXISTING SIGNAL TIMINGS, PRE-EMPTION AND DETECTOR SETUP SHALL BE MAINTAINED.
5. 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.
6. FOR TRAFFIC SIGNAL CONTROLLER INFORMATION & TYPE TO BE INSTALLED AT THIS SITE LOCATION, SEE SHEET 6
7. ITS SYSTEM SHALL BE SEPARATE FROM THE EXISTING UPS SYSTEM.
8. SITE SHALL BE PAID FOR BY THE LUMP SUM. FOR A SUMMARY OF SITE QUANTITIES, SEE SHEET 5

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	



!! WARNING !!

THIS LOCATION HAS AN INTERCONNECTION TO THE HIGHWAY TRAFFIC CONTROLLER FROM THE RAILROAD GRADE CROSSING SIGNAL SYSTEM.

CONTRACTOR, DO NOT MODIFY ANY RAILROAD PREEMPTION DATA AS DESIGNED IN THE TRAFFIC SIGNAL CONTROLLER.

IF PREEMPTION IS DISABLED OR NOT WORKING, NOTIFY THE RAILROAD DISPATCH IMMEDIATELY AT THE NUMBER PROVIDED BELOW.

THE FOLLOWING PERSONNEL MUST BE NOTIFIED AND AUTHORITY RECEIVED BEFORE ANY CHANGES ARE MADE.

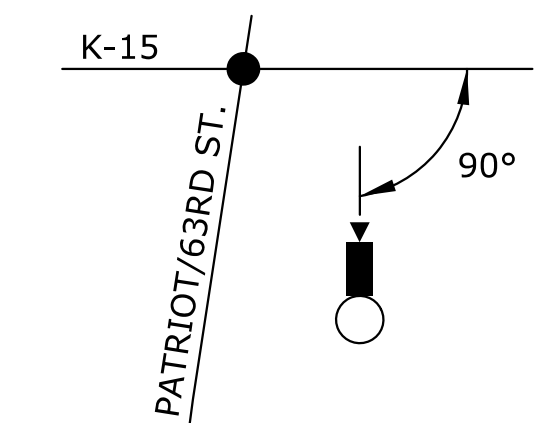
TRAFFIC SIGNAL CONTACT:
SEDGWICK COUNTY PUBLIC WORKS
MARK BORST - 316-660-1752

BNSF HOTLINE: 800-832-5452

HCP-301
1/2 Rebar W/ CP Cap
N 1,646,167.363
E 1,665,961.918
Elev. = 1296.261'

HCP-302
1/2 Rebar W/ CP Cap
N 1,646,664.736
E 1,665,796.095
Elev. = 1295.482'

Existing Controller Cabinet (To Remain)
Remove Existing Controller
Install New Traffic Signal Controller
Install GPS Unit for Clock Synchronization
Install Cellular Modem (with Antenna)
Install CCTV POE Mid-Span (Power Supply)
Install Surge Protection Device - POE
Install Power Strip



CCTV ORIENTATION

PTZ DOME CAMERA SHALL BE MOUNTED TO EXISTING TRAFFIC SIGNAL POLE AT HIGHEST PRACTICAL LOCATION THAT REDUCES OBSTRUCTIONS TO CAMERA VIEW FROM EXISTING FEATURES (MAST ARM, LUMINAIRES, SIGNS ETC.).

BID ITEM		
ITEM	UNIT	QUANTITY
INTELLIGENT TRANSPORTATION SYSTEM SITE 5	L.S.	1

KANSAS DEPARTMENT OF TRANSPORTATION
SITE 5
K-15 & PATRIOT AVE.

Drawn By : examples
Plotted : 11/14/2017
File : c:\transystems\pw_local\transyscorp-pw\coba\kaid0521528\C-SGN-M01-105.dgn