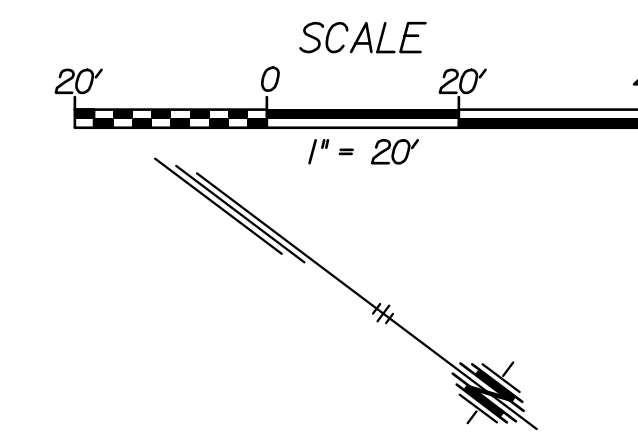


SITE 9 SURVEY CONTROL & DATUM BENCHMARK

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

Vertical - BM #110  
N 1,666,978.920  
E 1,659,061.904  
Datum: NAVD88 - Elev. = 1283.542'



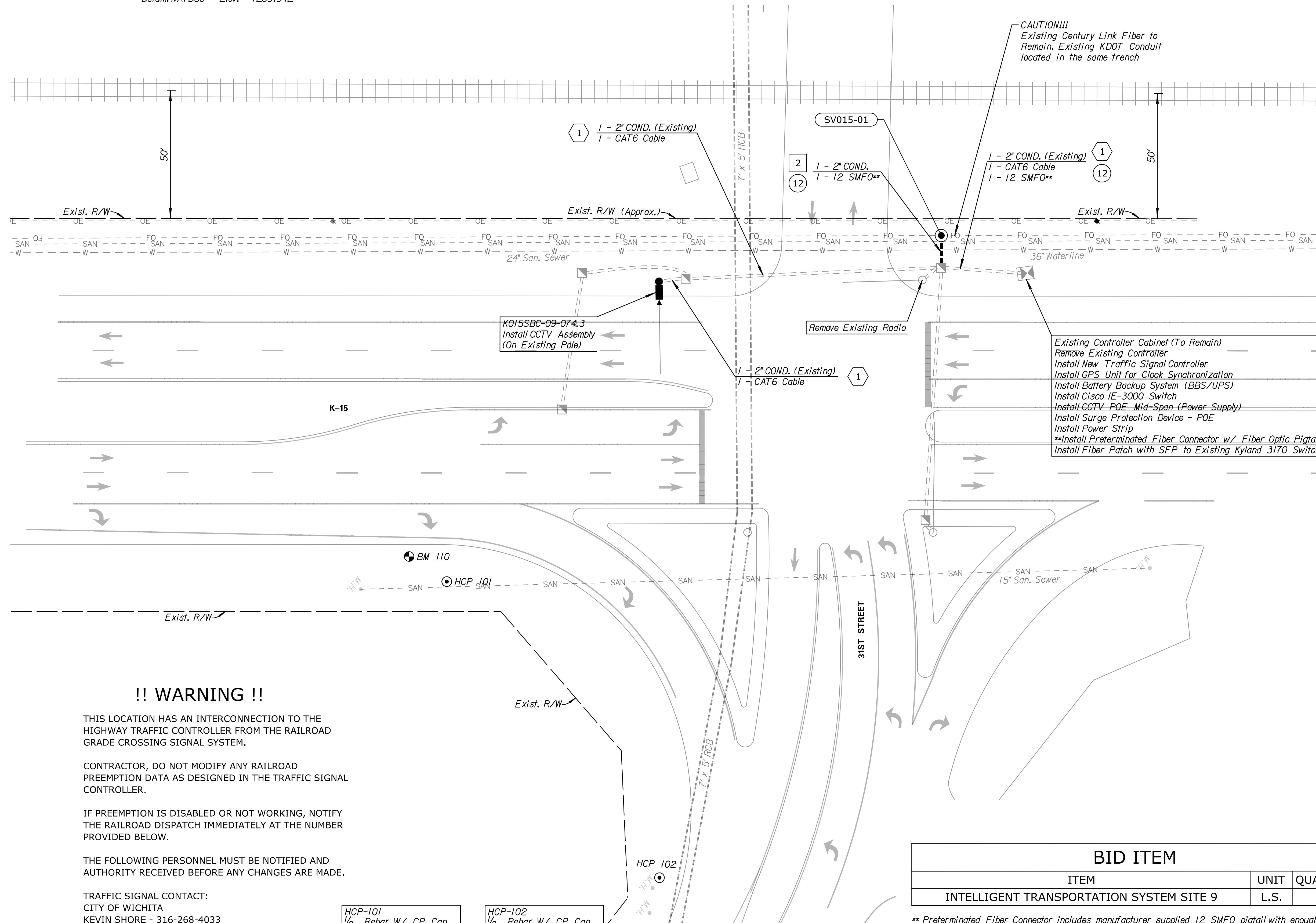
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0673-01	2017	24	99

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, CONFLICT MONITOR, 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 PROPOSED BATTERY BACKUP SYSTEM (BBS/UPS)
8. FOR PRETERMINATED FIBER CONNECTOR DETAILS, SEE SHEET 55
9. SITE SHALL BE PAID FOR BY THE LUMP SUM. FOR A SUMMARY OF SITE QUANTITIES, SEE SHEET 5

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	



K015SBC-09-074.3  
Install CCTV Assembly  
(On Existing Pole)

Remove Existing Radio

Existing Controller Cabinet (To Remain)  
Remove Existing Controller  
Install New Traffic Signal Controller  
Install GPS Unit for Clock Synchronization  
Install Battery Backup System (BBS/UPS)  
Install Cisco IE-3000 Switch  
Install CCTV-POE-Mid-Span (Power Supply)  
Install Surge Protection Device - POE  
Install Power Strip  
\*\*Install Preterminated Fiber Connector w/ Fiber Optic Pigtail  
Install Fiber Patch with SFP to Existing Kyland 3170 Switch

**!! 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:  
CITY OF WICHITA  
KEVIN SHORE - 316-268-4033

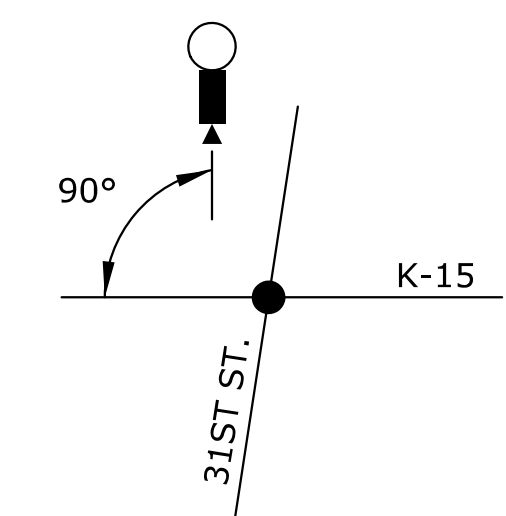
BNSF HOTLINE: 800-832-5452

HCP-101  
1/2 Rebar W/ CP Cap  
N 1,666,996.403  
E 1,659,060.497  
Elev. = 1281.017'

HCP-102  
1/2 Rebar W/ CP Cap  
N 1,667,132.322  
E 1,659,099.549  
Elev. = 1283.324'

BID ITEM		
ITEM	UNIT	QUANTITY
INTELLIGENT TRANSPORTATION SYSTEM SITE 9	L.S.	1

\*\* Preterminated Fiber Connector includes manufacturer supplied 12 SMFO pigtail with enough length to connect to splice vault. The unit cost for 12 SMFO shall be SUBSIDIARY to the preterminated fiber connector. Contractor shall field verify length prior to ordering preterminated fiber connector with pigtail.



**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.).

KANSAS DEPARTMENT OF TRANSPORTATION  
SITE 9  
K-15 & 31ST ST.

Drawn By : examples  
 Plotted : 11/14/2017  
 File : c:\transystems\pw\_local\transyscorp-pw\ccbankaid0521528\C-SGN-M01-109.dgn

CADconform Certify This File