SCALE
50' 0 50' 100'

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0684-01	2019	8	109

DATE	BY	
		REFERENCES NOTED
		REFERENCES CHECKED

N. MARKET ST.

SIGNAL 1
Existing Controller Cabinet (To Remain)
Remove Existing Controller & Install New Signal Controller
Install GPS Unit for Clock Synchronization
Install Preterminated Fiber Connector w/ Fiber Optic Pigtail
Install Fiber Patch with SFP to Existing Kyland Switch

PT
PT 2
Route A
SV-A-01
6 6 SB 144A 48
6 6 144A 288
Caution AT&T Utility!!
Existing Splice Vault to Remain!
Caution AT&T Utility!!
2 Ductbanks and 1 Buried
Copper Line in Area.

BLDG 1
Connect Fiber to Bldg 1 Through
Existing Conduit using Fabric Innerduct.
Approx. Distance to Building is 185 feet.
Include approx. 75 feet of raceway length
inside building to KDOT Patch Panel.
Total Required Fiber to Patch Panel Shall
be Measured Prior to Installation
For additional Details See Sheets 43-44

144A 48
144A 288
Caution AT&T Utility!!

W. MURDOCK ST.
6 6 SB 144A 48
6 6 144A 288
PB-A-01
48 144A ST 2 2
288 144A 2 2

TRAFFIC MANAGEMENT CENTER (TMC)
/ SEDGWICK COUNTY 911 BUILDING
(BLDG 1)

W. PINE ST.

N. MAIN ST.
144A 48
144A 288

N. MARKET ST.

W. ELM ST.

SIGNAL 3
Existing Controller Cabinet (To Remain)
Remove Existing Controller & Install New Signal Controller
Install GPS Unit for Clock Synchronization
Install Preterminated Fiber Connector w/ Fiber Optic Pigtail
Install Fiber Patch with SFP to Existing Kyland Switch

HISTORIC COURTHOUSE
(BLDG 8)

N. MAIN ST.
144A 48
144A 288

Route A

48 144A 3
(KDOT Fiber)

Connect Fiber to Existing Splice Vault.
Coil 200' of 144A SMFO (KDOT Fiber)
for Future Use.
ADD. ALT. 6 - COIL 200' ADDITIONAL
48 SMFO SLACK FOR FUTURE USE.

N. MAIN ST.
PT

WFD STATION #1
(BLDG 2)

SIGNAL 2
Existing Controller Cabinet (To Remain)
Remove Existing Controller & Install New Signal Controller
Install GPS Unit for Clock Synchronization
Install Preterminated Fiber Connector w/ Fiber Optic Pigtail
Install Fiber Patch with SFP to Existing Kyland Switch

SEDGWICK COUNTY COURTHOUSE
(BLDG 3)

MATCHLINE SEE SHEET 9

NOTES:
DEVICE & CONDUIT SYMBOLOGY ON PLAN SHEET IS NOT SHOWN TO SCALE FOR PLAN CLARITY. DO NOT SCALE LOCATIONS FROM PLAN SHEET. EXISTING UTILIITES & STRUCTURES ON PLAN SHEET MAY DIFFER FROM FIELD CONDITIONS & SHALL BE VERIFIED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.

FOR FIBER SCHEMATIC & SPLICING DETAILS, SEE SHEETS 52-64

FOR BUILDING CONNECTION DETAILS, SEE SHEETS 43-44

KANSAS DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CONDUIT

ROUTE A

Drawn By : Road
File : c:\transystems\pw_local\transyscorp-pw1\ccbanka\d0643930\C-FBR-M0A-101.dgn
Plotted : 7/23/2019