N: 1662430.7193, E: 1657973.1706
FM 1, Sta. 62+98.05
1– 54" 45° RJ Bend
Defl.= 45°02'07"
Match Point
(5003)

CAUTION!!!
Buried Fiber Optic Line
(Sprint)

CAUTION!!!
Buried Fiber Optic Line (KTA)
Contractor required to contact
Chris Hulett prior to
commencing the Micro Tunneling
under the KTA Fiber Optic Line.

CAUTION!!!
Buried Fiber Optic Line
(Indian Nations)

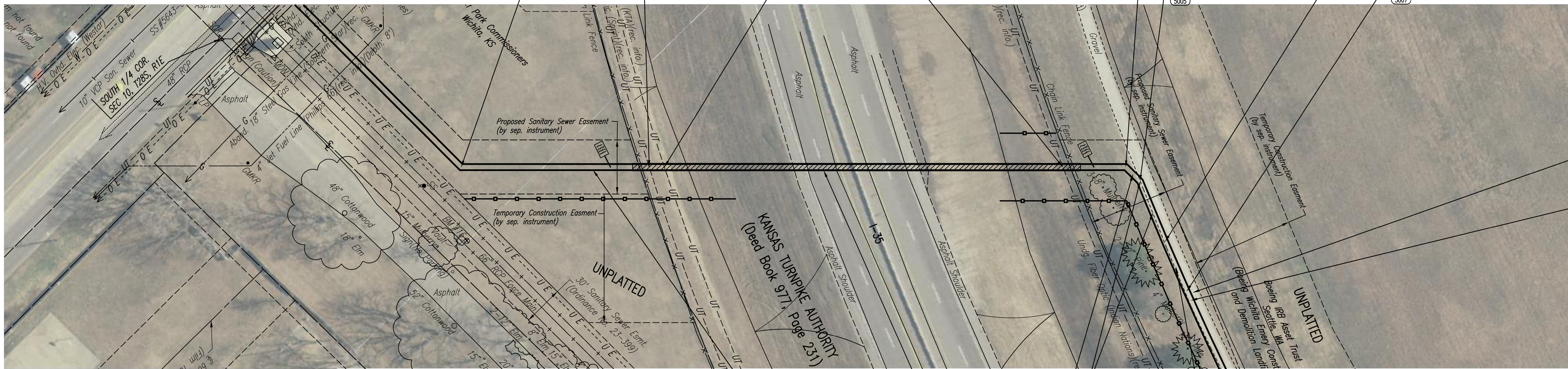
N: 1662086.6089, E: 1658323.7797
FM 1, Sta. 67+89.31
1– 54" 45° RJ Bend
Defl.= 45°00'00"
(5004)

N: 1662071.6095, E: 1658323.9200
FM 1, Sta. 68+04.31
1– 54" 22 1/2° RJ Bend
Defl.= 22°30'00"
(5005)

N: 1662026.7888, E: 1658305.8440
FM 1, Sta. 68+52.64
Horizontal Deflection
Defl.= 1°00'00"
(5006)

N: 1661989.4366, E: 1658291.5327
FM 1, Sta. 68+92.64
Horizontal Deflection
Defl.= 1°00'00"
(5007)

SCALE:
PLAN: LAT. & LONG. 0 40 80
PROFILE: HORIZ. SAME AS ABOVE
VERT. 0 5



Remove and replace
96 L.F. Gravel drive
in kind.

N: 1661982.5155, E: 1658289.0185
FM 1, Sta. 69+00.00
Match Point

DESIGNATES LOCATION OF FORCE MAIN WARNING SIGN.
(2 required this sheet)
SEE DETAIL, SHEET NO. CA323

= Silt Fence Barrier
= Ditch Checks
= Proposed Inlet Protection

491.26'– 54" RJ Pipe

Sta. 64+25 to Sta. 67+56
Install 331.00 L.F. Permalok
Steel Casing by microtunneling.
(Min. I.D. 66")

25.00'– 54" RJ Pipe

15.00'– 54" RJ Pipe

70.69'– 54" Pipe

CONTRACTOR SHALL OBTAIN
REQUIRED PERMIT THROUGH
KANSAS TURNPIKE AUTHORITY.

(5000) – SEE SHEET NO. CA103 FOR FORCE MAIN COORDINATES (TYP.)

MICHAEL D. KELSEY
LICENSED
13944
07/17/2017
KANSAS
PROFESSIONAL ENGINEER

Unless noted otherwise, elevations shown are top of pipe

FORCE MAIN LINE NO. 1

WASTEWATER PLANT 2
INFLUENT FORCE MAIN – PHASE 2

FORCE MAIN LINE NO. 1

GARY JANZEN, P.E. – CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468–85202

PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPEKA WICHITA, KS 67202
316-262-2691 www.pec1.com

Job No.	35–15554–001–0042
Date	NOVEMBER 2016
Designed By	MDK, TBK
Drawn By	CSL, KTD

Sheet CA303 of 60

PLAN	BY	DATE
CHECKED		
CHECKED		

PROFILE	BY	DATE
CHECKED		
CHECKED		

Saved 07–14–2017 4:17:09 PM by KURTIS.DEKAT
Plot Scale 1:1 07–17–2017 9:09:38 AM by KURTIS.DEKAT
U:\Wichita–Civil\2015\15554\001\Muni\Drawings\Phase 2\15554–001–CA303–FORCE MAIN LINE NO. 1