CENTRAL AVENUE

1 RDDN.

Sta 1+54.5 Line 1a
Constr. Type A or C Std. Manhole (No.7)

Install 1-4" Stub

4717.0 N, 5391.0 E
Constr. Drop Inlet (24"x48")
Install 30" RCP = 317.09 L.F.
Storm Sewer (SE)

Sta 13+30.2 Line 1
Sta 0+00 Line 1a
Constr. Type A or C Std. Manhole (No.4)

4623.83 N, 5698.15 E
Constr. Type 22 Curb Inlet
Install 36" CMP = 43.06' w/end Section
Storm Sewer (SE)

Place Approx. 230 Cu. Yds. Rip Rap

Sta 8+00.2
Constr. Type A or C Std. Manhole (No.9)

Sta 7+00.2
Constr. Type A or C Std. Manhole (No.3)

Line 1

℄ 20' Utility Easement

℄ 25' Utility Easement

7950.0

10" Sanitary Sewer Easement

Sta 14+61.7
Constr. Type A or C Std. Manhole (No.8)

Sta 12+00.2
Constr. Type A or C Std. Manhole (No.5)

4574.5 N, 5391.0 E
Constr. Drop Inlet (24"x48")
Install 18" RCP = 1985 L.F.
Storm Sewer (N)

4696.41 N, 5679.75 E
Constr. Type 22 Curb Inlet
Install 15" RCP = 119.79 L.F.
Storm Sewer (NE)

7
(Not in Benefit District)

Sta 10+23.9
Constr. Type "T" Std. Manhole (No.9)

Install 1-4" Stub & Plug

4574.5 N, 5391.0 E
Constr. Drop Inlet (24"x24")
Install 15" RCP = 1000 L.F.
Storm Sewer (N)

Sta 2+30.6
Constr. Type A or C Std. Manhole (No.2)

Sta 0+00
Constr. Type A or C Std. Manhole (No.1)

CENTRAL - RIDGE

NEWELL STREET

WINTERSET LANE

WAYSIDE LANE

RIDGE ROAD

SUMMITLAWN

Lateral 153, SOUTHWEST INTERCEPTOR

City of WICHITA, KANSAS

DEAN SELLERS — Acting CITY ENGINEER

Project No. : 468-76-245-80952-000-000-0001

Date _____

Sheet 1 of 2

SANITARY SEWER LINE I

Prop Ground
Exist. Ground
Top of Prop. Asphalt
Top of Prop Ground
Top of Prop Asphalt

Sta 0+00
M.H. # 1
Top El = 127.28

Sta 1+03.2
M.H. # 2
Top El = 128.30

Sta 4+03.2
M.H. # 3
Top El = 128.80

Sta 8+03.2
M.H. # 4
Top El = 128.3

Sta 12+03.2
M.H. # 5
Top El = 128.3

230.04 L.F. 8" Pipe @ 1.18%

169.62 L.F. 8" Pipe @ 0.40%

400.00 L.F. 8" Pipe @ 0.40%

400.00 L.F. 8" Pipe @ 0.40%

SANITARY SEWER LINE J

Sta 16+03.2
M.H. # 6
Top El = 127.38

Sta 17+50.2
Sta 17+00.2 Line J
M.H. # 7
Top El = 132.6

Sta 19+03.2
M.H. # 8
Top El = 135.7

Sta 19+33.9
M.H. # 9
Top El = 136.6

Sta 9+06.2 Line J
Sta 9+06.2 Line I
M.H. # 10
Top El = 132.6

Sta 11+54.5
M.H. # 11
Top El = 131.7

E out = 133.57

E out = 130.80
E in = 130.30

E out = 128.80
E in = 128.30

E out = 125.80
E in = 125.30

E out = 122.80
E in = 122.40

350.00 L.F. 8" Pipe @ 0.43%

111.53 L.F. 8" Pipe @ 1.17%

202.20 L.F. 8" Pipe @ 3.0%

134.51 L.F. 8" Pipe @ 0.50%

SANITARY SEWER LINE I

LINE Ia

All hatchered areas shall be backfill with concrete aggregate from the Sanitary Sewer to the midpoint on the Storm Drain.

All Shaded areas shall be compacted to at least 95% of ASTM 1557

Top of Proposed Asphalt

Top Inlet = 130.30

Top Inlet = 130.30

Top Inlet = 135.30

Top Inlet = 135.30

℄ Channel

36" CMP

E out = 123.70

E out = 129.73
E in = 129.23

43.0 Cal F
36 CMP
@ 0.4%

E out = 129.55
E in = 129.05

E out = 129.76
E in = 129.26

E out = 129.61

8" Sanitary Sewer

8" Sanitary Sewer

147.00 L.F. 36" CMP @ 0.10%

138.5 L.F. 18" RCP @ 0.15%

200.00 L.F. 15" RCP @ 0.20%

STORM SEWER LINE

SCALE
PROFILE: Horiz. 0 50 100
Vertical

14 10 4 13

Lateral 153, SOUTHWEST INTERCEPTOR SEWER
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2/2
Sheet 2 of 2