sta. 0+90.00,
erform 65 L.F.
, flushing, and
final density of at
d Proctor Density.

S Line No. 1, Sta. 1+28.86
nstall Type 'P' Manhole
nstall & Cap 2, 5 L.F. of 4"
tubs(NE & SE)
xist. Grnd. Elev.=186.90
op Elev.= ~~187.30~~ 188.0
L Out 8"(N)= 176.09
L In 4" Stub(SE)= 176.19
L In 4" Stub(NE)= 176.19
20062.91
20045.08

Sta. 20+50.00
Install 13 L.F. of 4" Tee
Service Connection & Riser
Pipe Assembly(N)
Exist. Ground=190.49
FL=184.31

SS Line No. 3, Sta. 20+00.00
Install Type 'P' Outside Drop Manhole
Over Exist. SS Line
Install 4 L.F. of 4" Riser Pipe
Assembly(NW)
Exist. Grnd. Elev.=190.49
Top Elev.=190.89
FL Out 8"(S)= 173.67
FL In 8"(N)= 173.87
FL In 8"(E)= 181.89
FL In 4"(NW)= 181.89
N 20620.33
E 20030.75

Sta. 20+00.00 to sta. 21+70.00,
Contractor shall perform 170 L.F.
of sand backfilling, flushing, and
compacting to a final density of at
least 90% Standard Proctor Density.

Northeast Expressway
K-96 Highway

Top El.=194.48
Flow=173.19
SS M.H.

N89°03'14"E 464.87'

KDOT R/W Landscaping
30' Drainage & Utility Easement
KDOT R/W Landscaping

Install 170.0
L.F. of 8" Pipe

Lot 13 | Lot 12 | Lot 11 | Lot 10

Existing 8" San. Sewer
20' Drainage & Utility Easement
& 20' Utility & Drainage Easm't

CP NO.18
N 20618.23
E 20071.68

CP NO.15
N 20617.74
E 20044.22

CP NO.20
N 20608.39
E 20189.95

20+00 | 21+00 | 21+70

New 8" Waterline

N89°01'13"E
R=480.63'
Δ=15°39'14"

Governeour Circle

S77°19'33"E 40.73'
R=50'

CP NO.14
N 20559.75
E 20044.21

CP NO.19
N 20560.24
E 20072.67

CP NO.13
N 20534.33
E 20019.65

CP NO.21
N 20549.80
E 20177.23

20' Drainage &

32nd Street North

CP NO.7
N 20019.76
E 20043.40

CP NO.3
N 19968.86
E 20049.32

Cleanout
15'S of MH

New 8"
Waterline

Asphalt

CP NO.6
N 20007.41
E 19986.73

CP NO.2
N 19967.87
E 19991.33

Res A

CP NO.1
N 19967.49
E 19971.36

SAN. SEWER LINE NO. 3

SS Line No. 3, Sta. 20+00.00
Prop. Outside Drop MH
Top Elev.=190.89

SS Line No. 3, Sta. 21+70.00
Type 'P' Manhole
Top Elev.=193.18

Existing Ground

4" Riser Pipe Assembly(NW)

4" Riser Pipe Assembly(NE

170.0 L.F. of 8" Pipe @ 0.4% Slope

FL In 8"(E)= 181.89

FL Out 8"(W)= 182.62

FL In 8"(NE)= 182.82

195 190 185 180 175 170

190.5 190.3 190.9 191.6 192.2 192.4

1+60 | 20+00 | 20+80 | 21+60