STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N–0306–01	2005	8	111

SCALE: 1" = 20'

S 1/4 Cor. Sec. 33–T26–R1W = ℄ Sta. 111+88.26 & 0°03'32" Rt.
1. Fnd. 1" Pipe in Monument Box using Co. Ref.
2. "+" Cut T/C E End S Curb Line 15.62 SSE
3. "+" Cut T/C 17.25 SW
4. Spike & Washer in Power Pole 59.55 NNW
5. SE Cor. Brick Fence Cor. Post 49.48 N
4. In ℄ Existing East, West Asph. Rd.

⑦ Sta. 106+12.89, 31.0' Lt. Const. Inlet (Type I) (6"x10'–0") Install 48" x 65.0' Stm. Sew.(S) Connect to Exist. 48" RCP (N) See Sh. No. 23

Sta. 106+87.47, Lt. Const. Valley Gutter See Sh. No. 20

City of Wichita Water Dept. to Relocate Fire Hydrant

Connect to Exist. Sidewalk

Contractor to Adjust Water Valves

⑧ Sta. 106+14.33, 31.0' Rt. Const. Inlet (Type I) (6"x10'–0") Connect to Exist 48" RCP (S) See Sh. No. 23

Sta. 106+12.32 Remove Exist. 48" x 36" RCP & 2 Exist. Curb Inlets

Sta. 106+87.47 ℄ 29th St. N. = Sta. 5+00 ℄ Lakeridge Rd.

⑨ Sta. 107+91.70, 48.4' Lt. Const. Drop Inlet (2'x4'); Install 18" x 176.0' Stm. Sew. (E); 15" x 7.3' PVC (N) w/ Cap. See Sh. No. 22

⑩ Sta. 109+71.10, 31.0' Lt. Const. Inlet (Type I)(6"x10'–0")Install 24" x 193.90' Stm. Sew. (E) See Sh. No. 23

Contractor to Adjust Water Valve

Sta. 109+84.20, Lt. Remove Exist. 24" x 31' RCP

⑪ Sta. 109+71.10, 31.0' Rt. Const. Inlet (Type I) (6"x10'–0")Install 18" x 65.0' Stm. Sew. (N) See Sh. No. 23

Sta. 110+01.67, 60.5' Lt. Const. Inlet (Type I) (6" x 5'–0"); Install 18" x 43.8' Stm. Sew. (SW) See Sh. No. 24

⑫ Sta. 110+28.58, Lt. Remove Exist. 24" x 57' RCP & 2 – Exist. Curb Inlets

Sta. 110+28.58, Lt. Const. Valley Gutter See Sh. No. 20

Sta. 110+28.58 ℄ 29th St. N. = Sta. 5+00 ℄ Topaz Cir.

⑬ Sta. 110+55.51, 60.5' Lt. Const. Inlet (Type I) (6" x 5'–0"); Install 18" x 54.0' Stm. Sew. (W) See Sh. No. 24

Light Pole to Remain

Contractor to Adjust Water Valve

Sta. 110+70.26, Lt. Remove Exist. 24" x 27" RCP

City of Wichita Water Dept. to Relocate Fire Hydrant

Sta. 111+64.13 to Sta. 119+45.00 Const. 4' x 4' RCB @ –2.87% See Sh. No. 26–37

⑭ Sta. 111+72.82, 31.0' Lt. Const. Inlet (Type I) (6" x 10'–0"); Install 30" x 314.2' Stm. Sew. (E); Install 18" x 18.5' Stm. Sew. (N) w/ End Section See Sh. No. 23

Type 1 Curb & Gutter

Tel. Pole & Ped. to Remain

Type III Curb & Gutter

Sta. 111+75.58 Remove Exist. 18" x 79' RCP

Connect 18" Stm. Sewer to 4' x 4' RCB

⑮ Sta. 111+95.25, 31.0' Rt. Const. Inlet (Type I)(6"x10'–0") Install 18"x7.7' Stm. Sew. (N) See Sh. No. 23

Const. Limits

5' Conc. Sidewalk

29th Street North

℄ Project = Sec. Line

Topaz Circle

Permanent Easement

Exist. Pvmt. to be Removed

Proposed Concrete Valley Gutter

106+02.10 60' Rt.

111+50 60' Rt.

111+50 70' Rt.

111+86.80 70' Rt.

BM #5 – "□" Cut T/C South End Traffic Island (Lakeridge) 52.50' Lt. ℄ Sta. 106+93.71 Elev.=157.50

BM #6 – "+" Cut T/C South End Traffic Island (Topaz Cir.) 52.48' Lt. ℄ Sta. 110+29.61 Elev.=153.96

Finished Profile Control @ ℄ Project

50' V.C. K = 66.96

Existing Ground Profile @ ℄ Project

–1.31%

–0.56%

–2.87%

⑦ Sta. 106+12.89, 31.0' Lt. Top Elev.=157.27 Flow In (W) = 153.34 Flow Out (S) = 144.62 Connect to Exist 48" RCP (N)

⑧ Sta. 106+14.33, 31.0' Rt. Top Elev.=157.21 Flow In (N) = 144.43 Connect to Exist 48" RCP (S)

⑨ Sta. 107+91.70, 53.0' Lt. Top Elev.=150.75 Flow In (N) = 148.58 Flow Out (SE) = 148.33

176.00' 18" RCP @ –0.31%

⑩ Sta. 109+71.10, 31.0' Lt. Top Elev.=153.49 Flow In (W) = 147.78 Flow In (NE) = 149.23 Flow In (S) = 149.12 Flow Out (E) = 147.38

⑫ Sta. 110+01.67, 60.5' Lt. Top Elev.=152.50 Flow In (E) = 149.75 Flow Out (SW) = 149.65

⑬ Sta. 110+55.51, 60.5' Lt. Top Elev.=152.50 Flow Out (W) = 150.01

⑪ Sta. 109+71.10, 31.0' Rt. Top Elev.=153.49 Flow Out = 149.74

193.90' 24" RCP @ –0.92%

100' VC K = 43.22 SSS = 337.21

⑭ Sta. 111+72.82, 31.0' Lt. Top Elev.=149.55 Flow In (W) = 145.59 Flow In (NW) = 145.90 Flow Out (E) = 142.76

⑮ Sta. 111+95.25, 31.0' Rt. Top Elev.=148.90 Flow Out (E) = 145.00

4'x4' RCB @ –2.87%

314.2' 30" RCP @ –0.88%

FL In = 144.25

FL=142.73

Sta. 106+12.22, Lt. Existing Curb Inlet Top=157.02 FL In(N)=144.62 FL Out(S)=144.52

Sta. 106+12.42, Rt. Existing Curb Inlet Top=157.06 FL In(N)=144.46 FL Out(S)=144.36

Sta. 108+08.91, Lt. Exist. San. Sew. MH Rim=153.77 FL Out(N)=144.47

Sta. 109+99.48, Lt. Existing Curb Inlet Top=152.91 FL In(SW)=148.21 FL Out(S)=148.11

Sta. 110+57.76, Lt. Existing Curb Inlet Top=152.98 FL In(W)=147.96 FL Out(SE)=147.88

Sta. 110+73.68, Lt. Exist. San. Sew. MH Rim=154.06 FL In(N)=141.36 FL Out(E)=141.16

Sta. 111+81.15, Lt. Exist. San. Dew. MH Rim=151.47 FL In(W)=141.07 FL Out(S)=140.97

Sta. 111+82.53, Rt. Exist. San. Sew. MH Rim=150.05 FL In(N)=140.35 FL Out(E)=

158.00 +00 | 157.34 +50 | 156.69 +00 | 156.04 +50 | 155.38 +00 | 155.06 +25 P.C. | 154.78 +50 P.I. 154.73 | 154.59 +75 P.T. | 154.45 +00 | 154.17 +50 | 153.89 +00 P.C. | 153.32 +50 P.I. 153.61 | 152.17 +00 P.T. | 150.74 +50 | 149.30 +00

Cook, Flatt & Strobel ENGINEERS, P.A.

KANSAS DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
29th STREET NORTH
STA. 106+00 to STA. 112+00

PROFILE NOTE BOOK NO. | SURVEYED | PLOTTED | GRADES CHECKED | BRIDGE NOTES | STRUCTURE NOTATIONS CHECKED | BY | DATE

1"=20'
03346-pp05