PROJECT NO.	SHEET NO.	TOTAL SHEETS
468-83473	14	60

Sta. 0+00.00 SWS Line No. 500
=℄ 10th St. Sta. 49+66.00, 4.6' Lt.
Install 30"x14.50 L.F. SWS (RCP)(W)
Install a Wood Plug at Sta. 0+00.00
Connect to Manhole (104)
Install Wood Plug in Pipe at Sta 0+00
See Sh. No. 13

Sta. 1+34.97 SWS Line No. 100=
Sta 0+14.50 SWS Line No. 500
=℄ 10th St. Sta. 49+51.16, 1.65' Lt.
Construct Reinforced Conc. Manhole
L=10' W=5' H=5' H₂ =9"
Top Elev.=1302.99 Floor Elev.=1297.90
Install 30"x8.00 L.F. SWS (RCP)(W)
See Sh. No. 18
(104)

Proposed Curb

Existing Reinf. Concrete Manhole Plug 8"VCP (NW)

Exist. R/W

Const. Limits

℄ 10th Street

51+00

30" RCP

Asphalt

27" Brick Arch Culv.

Exist. R/W

(100)

Concrete Paving Lbr.

Sta. 0+00.00 SWS Line No. 200
Install 15"x14.13 L.F. SWS (RCP)(NE)
Connect to Exist. Stub & Unplug Stub

Line No. 200

Exist. R/W

(201)

Sta. 0+14.15 SWS Line No. 200
=℄ 10th St. Sta. 50+93.03, 16.86' Lt.
Construct Type 1 Curb Inlet
L=5'-0" W=3 H=5'
Top Elev.=1302.84 Floor=1298.34
Remove Existing Inlet & 8" VCP
See Sh. No. 19

Install 14 L.F. Excavatable Flowable Fill to Elev. 1301.90

℄ Exist. Track

Future ℄ Temporary Track

Future East Retaining Wall

℄ Exist. Track

℄ Track 2

℄ Exist. Track

℄ Track 1

11150

11149

(519)

(103)

Future West Retaining Wall

Proposed Curb

Install 15 L.F. Excavatable Flowable Fill to Elev. 1302.00

Sta. 1+20.47 SWS Line No. 100
=℄ 10th St. Sta. 49+66.00, 1.3' Lt.
Connect to Exist. 27" Brick Arch
Construct Concrete Collar
Install 30"x14.50 L.F. SWS (RCP)(W)
See Sh. No. 15

Install 15 L.F. Excavatable Flowable Fill to Elev. 1302.00

SWS Line No. 300
See Sh. No. 15 & 16

90°28'38"

50+00

49+00

℄ 10th Street

27" Brick Arch Culv.

BM #19

Brick

Street Light Base

Exist. R/W

℄ Santa Fe

Concrete

8" PVC W

Exist. R/W

(105)

* Sta. 1+42.97 SWS Line No. 100
=℄ 10th St. Sta. 49+37.68, 1.0' Lt.
Connect 30" RCP to Exist. 27" Brick Arch
Construct Concrete Collar
See Sh. No. 13

Install 8 L.F. Excavatable Flowable Fill to Elev. 1302.00

SCALE
20' 0 20' 40'

Note: Any repair work necessary to maintain the integrity of Brick Arch shall be required as directed by the Engineer. The work shall be incidental to other bid items.

* Contractor shall use extreme caution when connecting to existing Brick Arch. All work associated with supporting and connecting to Brick Arch shall be Subsidiary to the project.

Existing Ground Line

Proposed Grade

Sta. 0+00.00 SWS Line No. 100
Existing Reinf. Conc. Manhole
Adjust Manhole Top See Sh. No. 5
(100)

Sta. 1+20.47 SWS Line No. 100
Connect 30" RCP to Exist.
27" Brick Arch
(103)

Sta. 1+34.97 SWS Line No. 100
Construct Reinforced Concrete Manhole
Top Elev.=1302.99 (Match Exist.)
(104)

Sta. 1+48.79 SWS Line No. 100
Connect 30" RCP to Exist. 27" Brick Arch
(105)

+50. SWS Line No. 100 to SWS MH 2' Rt.
Top Elev.=1302.05

+36.50 SWS 1' Rt.

2%

Flowable Fill

Concrete Collar

Concrete Collar

Existing 27" Brick Arch Culvert SWS

Existing 30" RCP

Existing 27" Brick Arch Culvert SWS

Existing 27" Brick Arch Culvert SWS

E=1299.20
6" VCP (S)

E=1298.00
(E-W)

E=1299.00
15" RCP (NE)

E=1298.50
Proposed 15" RCP (N)
(SWS Line No. 400)

2-8" Exist. Clay
(NW-SW)

E=1298.50
(E-W)

E=1298.50
12" RCP (S)

14.50 L.F. 30" RCP @ 0.18%

8.00 L.F. 30" RCP @ 0.18%

E=1298.26
Match Existing

E=1298.31
Match Existing

E=1298.29(E)
E=1298.30(W)
Out=1298.29(E)
In=1298.30(W)

1304
1302
1300
1298
1296

0+00

1+00

LINE NO. 100

2+00

3+00

Sta. 0+00.00 SWS Line No. 200
(100)

Sta. 0+14.15 SWS Line No. 200
Construct Type 1 Curb Inlet
Top Elev.=1302.84
(201)

Flowable Fill

E=1299.00
In=1299.00

E=1299.11(S)
Out=1299.11(S)

14.15 L.F. 15" RCP @ 0.80%

0+00

LINE NO. 200

Sta. 0+00.00 SWS Line No. 500
(519)

Wood Plug

Sta. 0+14.50 SWS Line No. 500
Construct Reinforced Concrete Manhole
Brick & Mortar Plug in Pipe
(104)

Flowable Fill

E=1298.50
Proposed 15" RCP (N)

E=1298.26

E=1298.29(E)
E=1298.30(W)
In=1298.29(E)
Out=1298.30(W)

11.5 L.F. 30" RCP @ 0.18%

0+00

LINE NO. 500

CENTRAL RAIL CORRIDOR

STORM SEWER PLAN

LINES NO. 100, 200 & 500

C.O.W. PROJ. NO. 468-83473

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	RWM	Job No. 99189
Drawn by	DRP	Date October, 2002

DSNR: RWM OPER: DRP SCALE: 1"=20'
I:/1999/99189/BID SET 2/SWS 10TH.DGN 7-26-2002 15:57:59 LAST REV. 4-28-03 BY: drp