Sta. 0+00.00 SWS Line 1
B.L. Sta. 29+75.50 18.89' LT
Ex. Manhole to Remain
Top =106.16
FL 30" (In)=101.59 (W)
FL 36" (Out)=101.27 (S)
FL 24" (In)=101.63 (N)

Sta. 0+40.61 SWS Line 1A
B.L. Sta. 29+50.88 19.21' RT
Remove Exist Type 2 Curb Inlet
And 36.38 LF of Exist RCP
Install Dbl. Type 2 Curb Inlet
w/ Pav. Underdrain
Top =106.32
FL 15" (Out)=102.32 (N)
For Profile, See Sheet 19

Sta. 0+40.00 SWS Line 1B
B.L. Sta. 26+78.01 19.50' RT
Install 5'x3' Type 1 Curb Inlet
w/ Pav. Underdrain
Top =106.42
FL 15" (Out)=102.83 (N)
For Profile, See Sheet 19

Sta. 0+41.04 SWS Line 1C
B.L. Sta. 25+90.84 19.50' RT
Install 5'x3' Type 1 Curb Inlet
w/ Pav. Underdrain
Top =106.42
FL 15" (Out)=102.83 (N)
For Profile, See Sheet 19

Garfield Park

1

2

30' R/W 135.50'

30' R/W 145.50'

30' R/W

℄ Richmond

30' R/W

145.32'

MATCH LINE Sta. 5+00

36" RCP

Prop. 15" SWS

97'

40.62 lf of 15" RCP

℄ Harry St.

Caution!!! Ex. WL

40.00 lf of 15" RCP

Caution!!! Ex. WL

41.04 lf of 15" RCP

Prop. 15" SWS

Prop. 15" SWS

30+00

29+00

28+00

27+00

26+00

25+00

Ex. 12" WL

Ex. UGT

Ex. 30" SWS

Ex. Gas

24" RCP

℄ Nelson

Caution!!! Ex. WL

30' R/W 130.00'

CP7

30' R/W 140.00'

CP6

140.00'

22.60 L.F. 30" RCP to Remain

95.95 L.F. 30" RCP to Remain

178.84 L.F. 30" RCP to Remain

124.47 L.F. 30" RCP to Remain

283

284

℄ Richmond

30' R/W

30' R/W

78.14 L.F. 30" RCP to Remain

Richmond's 2nd Addition

Sta. 0+22.60 SWS Line 1
Sta. 0+00.00 SWS Line 1A
B.L. Sta. 29+52.92 19.88' LT
Adjust Ex. Manhole Top Elev. 106.00 (+0.7)
Modify 15" Stub (S) for New
15" Pipe.
FL 30" (Out)=101.50 (E)
FL 30" (In)=101.54 (W)
FL 15" (In)=102.16 (S)

Sta. 1+18.55 SWS Line 1
B.L. Sta. 28+56.98 20.39' LT
Remove Ex. Manhole and Inlet.
Extend Ex. 30" RCP
FL 30"=102.04 (E)

Sta. 2+97.39 SWS Line 1
Sta. 0+00.00 SWS Line 1B
B.L. Sta. 26+78.13 20.51' LT
Install 5'x5' Type 1 Curb Inlet
w/ Pav. Underdrain
Top =106.42
FL 30"=102.26 (E)(W)
FL 15" (In)=102.67 (S)

Sta. 3+75.53 SWS Line 1
Sta. 0+00.00 SWS Line 1C
B.L. Sta. 26+00.00 20.50' LT
Remove and Install
1-5'x5' Type-1 Curb Inlet
Extend Ex. 30" RCP to tie
into Prop. Inlet.
w/ Pav. Underdrain
Top =106.42
FL 30" (In)=102.43 (E)
FL 30" (Out)=102.38 (W)
FL 15" (In)=102.67 (S)

Back Fill Note:
Under proposed Pavement area, backfill trench with jetted sand. Cost to be subsidiary to pipe unit cost.

Vert. Scale
(IN FEET)
1 inch = 5 ft.

(IN FEET)
1 inch = 20 ft.

MH to Remain
MH to Remain
Remove MH
Inlet
Inlet
Matchline

110
100

Existing Ground
Prop. Ground
Existing SWS

Caution!!! Ex. WL
Caution!!! Ex. WL
Caution!!! Ex. WL

124.47 lf of 30" RCP @ 0.18

22.60 lf of 30" RCP @ -0.22%
95.95 lf of 30" RCP @ 0.55%
178.84 lf of 30" RCP @ 0.13%
78.14 lf of 30" RCP @ 0.13%

30" FL = 101.59
30" FL = 101.50 +22.60
30" FL = 101.65
30" FL = 101.93
30" FL = 102.03 +18.55
30" FL = 102.07
30" FL = 102.13
30" FL = 102.20
30" FL = 102.26 +97.39
30" FL = 102.26
30" FL = 102.32
30" FL = 102.38
30" FL = 102.43 +25.53
30" FL = 102.34
30" FL = 102.54
30" FL = 102.65

0+00 1+00 2+00 3+00 4+00 5+00

Harry Street Improvements
Storm Sewer Line 1
Wichita, KS

kemiller engineering
516 S. Market, Wichita, KS 67202 316/264-0242

PROJECT NUMBER 472-84001 OCA 706900

KEM NO.	FILE	DATE	SHEET
04050	SWSPLAN1	2/2005	19
DESIGN PB	DRAWN JO	REVISED 11/21/05	OF 58