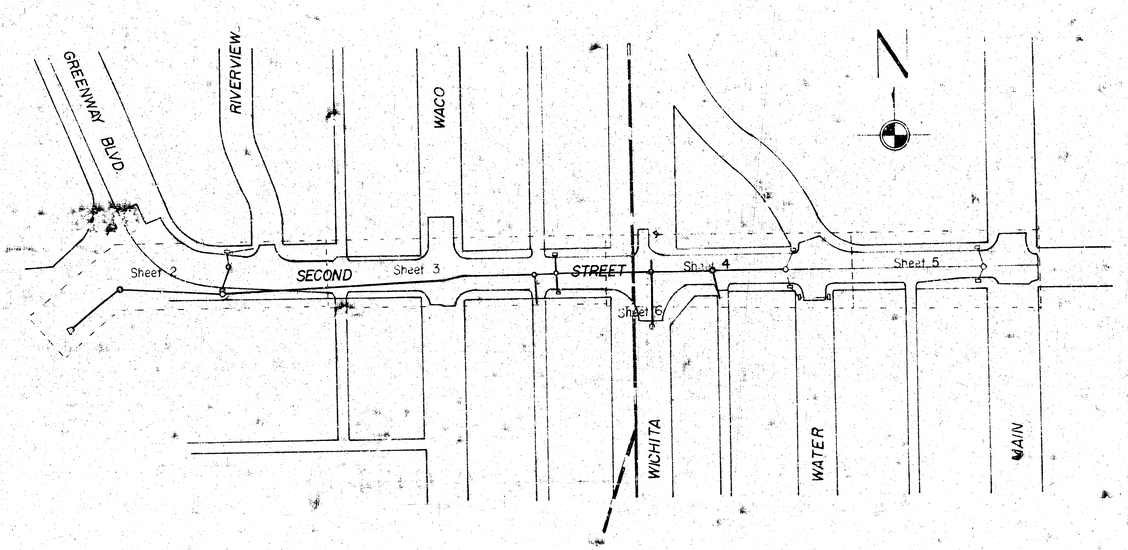
DRAINAGE IN CONNECTION WITH IMPROVING & REIMPROVING SECOND STREET FROM GREENWAY BLVD. TO MAIN STREET.

CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER

PROJECT NUMBER DAKD576081



GENERAL NOTES

1. THIS PROJECT SHALL BE COORDINATED WITH THE PAVING PROJECT AND THE SANITARY SEWER PROJECT.
2. ALL PIPE NOTED AS RCP MAY BE CMP AS FOLLOWS: CORRUGATED METAL PIPES ON THIS PROJECT MAY BE UNCOATED, SHALL BE OF THE SAME SIZE AS NOTED FOR REINFORCED CONCRETE PIPE, SHALL HAVE HELICAL CORRUGATIONS FOR SIZES FROM 12-INCH TO 21-INCH DIAMETER, AND SHALL BE FULLY PAVED (SMOOTH FLOW CMP) FOR SIZES WITH 24-INCH DIAMETER AND LARGER.
3. MANHOLES ABANDONED SHALL BE PAID FOR AT THE UNIT PRICE BID AND SHALL INCLUDE ALL WORK NECESSARY TO REMOVE THE TOP 4 FEET, THE FILLING OF THE VOID BELOW THE REMOVED PORTION WITH SAND COMPACTED TO 90% DENSITY. THE TOP 4 FEET SHALL BE BACKFILLED WITH COMPACTED EXCAVATION MATERIAL AS FOLLOWS: THE BOTTOM 2 FEET SHALL BE COMPACTED TO 90% DENSITY; THE TOP 2 FEET SHALL BE COMPACTED IN LIFTS NOT TO EXCEED 6 INCHES TO A DENSITY EQUAL TO OR GREATER THAN 95% OF THE STANDARD DENSITY OF THE SOIL INVOLVED. ALL MANHOLE PIPES TO BE PLUGGED PRIOR TO THE SAND FILL.
4. MANHOLES REMOVED SHALL BE PAID FOR AT THE UNIT PRICE BID AND SHALL INCLUDE THE REMOVAL OF ALL PORTIONS OF THE MANHOLE. THE BACKFILL SHALL BE AS NOTED IN ABOVE ITEM 3. ALL MANHOLE PIPES TO BE PLUGGED PRIOR TO THE SAND FILL.
5. ANY PIPE NOTED TO BE PLUGGED OR ABANDONED SHALL BE REMOVED, IF SUCH PIPE HAMPERS CONSTRUCTION. THE REMOVED SECTION OF PIPE WILL BE PAID FOR AT THE UNIT PRICE BID FOR REMOVED PIPE. EACH END OF THE REMAINING PIPE SHALL BE PLUGGED.
6. LOCATION AND ELEVATION OF CURB INLETS SHALL BE IN ACCORDANCE WITH THE LATEST REVISED PAVING PLANS.
7. MINIMUM OF TWO LANES OF TRAFFIC MUST BE KEPT OPEN AT ALL TIMES AT WACO AND MAIN INTERSECTIONS DURING CONSTRUCTION.
   (USE (2) ASPHALT LIFT OF 2"x8") FOR TEMPORARY PATCHING ACROSS INTERSECTIONS.
8. NOTE TO CONTRACTOR - CONTRACTOR TO PROTECT K.G.& E. AND BELL TEL. CO. CONDUITS DURING CONSTRUCTION.
9. NOTE TO FIELD ENGINEER:
   MAIN LINE PIPE ALIGNMENT
   1. 2+00 TO 6+33 - ALIGNMENT CAN SHIFT NORTH (4' MAX.)
   2. 6+73 TO 13+08 - ALIGNMENT CAN SHIFT NORTH (4' MAX.)
10. PROTECT ALL IRONS ON THIS PROJECT.
11. EXISTING ROUND SEGMENTED BLOCK STORM WATER SEWER ON SOUTH SIDE OF SECOND ST. IS TO BE FILLED WITH SAND FROM THE PLUGGED OUTFALL STRUCTURE AT THE RIVER TO THE ABANDONED MANHOLE AT THE WEST PROPERTY LINE OF WATER ST. (OR AS DIRECTED BY THE ENGINEER). ITEM IS TO BE PAID FOR AT THE BID PRICE PER LIN. FT. OF PIPE SANDFILLED. SANDFILLED PIPES SHALL NOT BE PLUGGED AT ABANDONED MANHOLES.

DATE: _____

REVISED 2-28-77

BM 112.24 — Top E.Cb. Riverview at Center Walk East, 73'± North of Center of 2nd St.

BM 112.79 — South face Walk S.L. 2nd. St. E.L. Alley West of Water St. N.W. Cor. Bldg. 205 W. 2nd. St.

CAUTION UNDERGROUND UTILITIES Please check with K G & E or Northwestern Bell Telephone Co. for Location

Curve Data: Δ = 48° 50' 51" D = 48° 50' 51" R = 117.48' L = 100.15' T = 52.95' LC = 97.14' Based on Fc. Cb.

Curve Data: Δ = 48° 50' 51" D = 48° 50' 51" R = 117.48' L = 100.15' T = 52.95' LC = 97.14' Based on Fc. Cb.

Remove Curb Inlet Plug Pipe West.

Remove Curb Inlet Plug Pipe West

Remove Curb Inlet Plug Pipe North East

Plug Pipes

Sta 2+12.73 Const. Curb Inlet Type 1A Top 111.55

Install 25' of 15" RCP USFL 104.4 DSFL 104.1

Existing 24" to remain in service

Remove Exist. M.H. Plug Pipes N.S. SW Const. 5' Dia. Type 'B' M.H. set top MH 111.61

Install 32' of 30" RCP USFL 104.00 DSFL 103.80

Abandon M.H. Plug Pipes

Sta 2+00± Const Curb Inlet Type 1A Top 111.92

Reconst. 6" Drain to Top Into Existing 66" SWS

Proposed 8" ABS. Composite Pipe Sanitary Sewer

Ball Telephone

GREENWAY BLVD.

SECOND ST.

RIVERVIEW

Sta 0+85 to Sta 2+00 Repair Pavement Cut w/ 2 Lifts of Asph. (2"+2")

Sta 0+01.5 Const. M.H. 12.5 Lt. ℄ (See Detail Sheet 7+8)

Const. M.H. Sta 2+00 6' Rt. Δ = 1°02'

Install 156' of Main Line Pipe @ 0.53 % USFL 92.77 DSFL 91.94

Repl. Barricade (incidental to proj.)

Const Headwall (see sheet 9) Sta 0-178 Flo 91.94

Install 200' of Main Line Pipe @ 0.20 % USFL 93.25 DSFL 92.85

Install 4' of 30" RCP USFL 103.7 DSFL 103.6

Curve Data: Δ = 19° 50' 09" R = 1192.11' L = 295.73' T = 198.76' LC = 294.9'' Based on Fc. Cb.

Install 200' of Main Line Pipe @ 0.20 % USFL 93.65 DSFL 93.25

Plan Scale 1" = 20'
Profile Scale 1" = 20' Horz
1" = 5' Vert

Install 12'± of 30" pipe Top 66" SWS @ 97.6; Top Main Line @ 96.4 Plug 66" SWS on River side of Tap Sand fill pipe downstream from plug & mound over outlet structure with excavation material at no extra cost

Existing Surface

set manhole Top 111.55

Manhole Sta 0+01.5

Ball Telephone Crossing

Top of Headwall 99.94 with 78" Pipe 99.77 with 6'x6' RCB

mound over pipe

78" Typical Rip Section

30" Top from Exist 66" SWS

Compacted Backfill Incidental to cost of pipe

190 Lin. Ft. of Main Line Pipe @ 0.45 % Grade

Proposed Pavement

set top manhole 111.95

Eq. 2+01.5 Bk. = 2+00 Ahd = 2+01.5 Bk.

K.G.E. Crossing

30" RCP Flo 103.6

Elevation 96.45

400' Lin. Ft. of Main Line Pipe @ 0.20 % Grade

Main Line Pipe is: 6'x6' RCB., 78" RCP., or 78" CMP. (Fully Paved)

Revised 8-28-77 KK

Sheet 2 of 3

Drainage on Second St. (River to Main St) Proj. No. DAKD5716(08)

B.M. = 112.24 ~ "J" TOP E. CURB RIVERVIEW @ CTR. WK. EAST, 73'± N. OF CTR. 2ND. ST,

B.M. = 112.79 ~ "D" S. FACE WALK S. L. 2ND. ST. E. L. ALLEY W. OF WATER ST. N.W. COR. BLDG. 205 W. 2ND ST.

REMOVAL OF ABANDONED 6 INCH GAS LINE IN TRENCH SHALL BE CONSIDERED INCIDENTAL TO PROJECT. ANY SIDEWALK OR DRIVEWAY REQUIRING REMOVAL FOR INSTALLATION SHALL BE REMOVED AND REPLACED AT NO EXTRA COST. FIELD ENGINEER SHALL DETERMINE REPLACEMENT QUANTITIES.

SCALE:
PLAN : 1"= 20'
PROFILE:
HORIZ. 1"= 20'
VERT. 1"= 5'

N

STA. 0+00 CONNECT TO BRICK MANHOLE STACK ON 78" C.M.P. F.L.IN=103.50 ; F.L. OUT=92.80

STA. 0+52 CONST. STD. TYPE "A" MANHOLE F.L.IN E.=108.30 F.L.IN N.=108.50; F.L. OUT=104.50

REMOVE EXIST. 12" LEAD TO DEPTH OF 4 FT. INSTALL 6 FT. OF 15" R.C.P. TO MANHOLE F.L.=109.00

Proposed 6" Drive

Proposed 4" Asph. Hookup

Proposed Comb. Curb & Gutter

Proposed 4' Walk

ABANDON MANHOLE

PLUG & FILL 30" PIPE STUB W/ SAND

REMOVE INLET & 12" LEAD

Proposed Asph. Conc. Pvt.

STA. 4+30 CONST. STD. TYPE "A" MANHOLE W/ WIDE FLANGE RIM F.L.= 110.49

2ND STREET

ABANDON MANHOLE

PLUG 66" R.C.P. & COVER WITH EXCAVATION MATERIAL AT NO EXTRA COST.

REMOVE 6" DRAIN LINES BETWEEN SIDEWALK & CURB. REPLACE WITH 6" C.I.P. CONNECTED TO NEW S.W.S. (SEE DETAIL).

REMOVE 6" DRAIN LINE BETWEEN BUILDING & CURB. REPLACE WITH 6" C.I.P. CONNECTED TO MANHOLE.

Proposed Conc. Alley Entrance

440.0'

160'

130.0'

40.0'

6" C.I. 45° BEND, M.J. x M.J.

MECHANICAL JOINT CONNECTION

6" CAST IRON PIPE STUB

HAND TAMP FILL AROUND CONNECTION.

CONC.

SAVE R.C.P. REINF. STEEL & BEND INTO CONC. COLLAR, IF POSSIBLE.

6" C.I.P. W/ M.J. EXTENSIONS SHALL BE PROVIDED AS NEEDED AT NO EXTRA COST.

JUTE

END OF PIPE FLUSH W/ INSIDE R.C.P.

45°

18" R.C.P. S.W.S.

CUT EXIST. 6" DRAIN LINE & INSERT INTO M.J. BEND. FILL EXCESS SPACE WITH JUTE & ENCASE WITH 3" MIN. CONC. COLLAR.

CUT HOLE IN 18" R.C.P. 1" LARGER THAN O.D. OF 6" C.I.P. CUT 6" C.I.P. TO LENGTH & INSERT INTO HOLE. FILL EXCESS SPACE WITH JUTE & ENCASE WITH 4" MIN. CONC. COLLAR.

ROOF DRAIN DETAIL

NO SCALE

ABANDON MANHOLE
(PLUG PIPE E. IF SANDFILL STOPS AT THIS MANHOLE)

STA. 0+00 CONNECT TO BRICK M.H. STACK

STA. 0+52 CONST. STD. M.H. TYPE "A"

STA. 4+30 CONST. STD. M.H. TYPE "A" WITH WIDE FLANGE R.IM

GROUND LINE

ROOF DRAIN CONNECT. SEE DETAIL

F.L.O. 15" R.C.P. IN = 108.50

TAMPED FILL OVER ABANDONED MANHOLE

ABANDONED MANHOLE

MANHOLE TO BE REMOVED TO 4' DEPTH AND SAND FILLED.

6" ROOF DRAIN F.L.O. = 102.00±

TAMPED FILL UNDER MANHOLE

CONC.

REMOVE TOP 2 FT. OF 66" S.W.S. CONC. MANHOLE BASE TO BE CONSTRUCTED FROM THIS POINT TO BOTTOM OF MANHOLE. SEE DETAIL. (MANHOLE SUPPORT)

66" S.W.S. TO BE FILLED WITH SAND BETWEEN RIVER OUTFALL AND W. E WATER ST. (OR AS DIRECTED BY ENGINEER.)

REMOVE TOP 2 FT. OF 66" S.W.S. CONST. 6.0' X 6.0' X 2.0' CONC. BLOCK IN 66" S.W.S. (MANHOLE SUPPORT)

52 LIN. FT. OF 18" R.C.P. @ 1.92%

378 LIN. FT. OF 18" R.C.P. @ 0.58%

F.L.O. OUT = 92.80
F.L.O. IN = 103.50

F.L.O. OUT = 104.30 - 18"
F.L.O. IN = 108.30 E 15"
F.L.O. IN = 108.50 N 15"

F.L.O. = 110.49

72"
8" 48" 8"
4'-0" TYPE "A" MANHOLE
18" R.C.P.
6" SK. CONC. BASE
TOP 2' OF PIPE REMOVED
24"
2'-1"

MANHOLE SUPPORT DETAIL

STA. 0+52
NOT TO SCALE

WACO AVE.

Added 2-28-77 K.K

Plan Scale 1" = 20'
Profile Scale 1" = 20' Horz.
1" = 5' Vert.

Abandon M.H. Plug Pipes E & W.

Remove Manhole and Connect Exist. S.W.S. to New Manhole. (Connection will be incidental to project)

Const. Type A Curb Inlet Sta 8+46.6 Top 113.75

Install 27' of 15" R.C.P. USFL 109.8 DSFL 109.5

Const. M.H. on ℄ Sta 8+46 Ring 2' Lt. Top 113.58

Install 35' of Main Line Pipe USFL 94.86 DSFL 94.49

8" ABS Composite Pipe Sanitary Sewer

Buried telephone cable

for ABS Composite Pipe (Sanitary Sewer)

Proposed San. Sewer

Remove Inlet Plug Pipe East

Buried telephone cable

Asph. / Brick

SECOND ST.

Adjust M.H. Plug Pipe E & W

Abandon M.H. Plug Pipes

Remove Inlet Plug Pipe North & South

Abandon M.H. Plug Pipes

Abandon Pipe

Remove Inlet & Plug Pipe

WACO AVE.

WICHITA

Abandon M.H. Plug Pipes SEE SHEET 2A

Engr. & Contractor-Use Beveled Pipe 4" Conc. Pipe & Fabricated Defl. 4" CMP. See Plan for Defl. (Sht. 8 of 9)

Const. M.H. on ℄ Sta 8+10 Ring 2' Rt. Top 113.99

Install 35' of 18" R.C.P. USFL 108.85 DSFL 108.50

Install 28' of 15" R.C.P. USFL 110.1 DSFL 109.8

Install 109' of Main Line Pipe @ 0.20% USFL 94.77 DSFL 94.56

132' P. 134.04' M.

132' P. 134.04' M.

Install 410' Main Line Pipe USFL 94.89 DSFL 93.65

Contact S.W. Bell for Relocation of Telephone Line

4.08' Surplus Between Waco & Wichita St.

Const. Type 1A Curb Inlet Sta 8+46.6 Top 113.95

CAUTION
UNDERGROUND UTILITIES
Please check with K G & E or Southwestern Bell Telephone Co. for Location

Sta 6+73 Main Line Deflection

Sta 6+23 Main Line Deflection

Sta 5+19 Main Line Deflection

Gas Highway crossing

Water line crossing

K.G.E. Crossing

Telephone Posts

Existing Pavement

Proposed Pavement

Manhole Sta 8+40

Manhole Sta 8+46

Storm water sewer crossing

Gas Highway crossing

set top manhole 113.99

set top manhole 113.58

15" RCP Flo 109.8

15" RCP Flo 109.5

16" RCP 108.50 Flo

See Note for Relocation

42" CMP Flo 96.05

93.65 Flo

93.85 Flo

94.05 Flo

94.12 Flo

94.22 Flo

94.22 Flo

94.27 Flo

94.49 Flo

94.56 Flo

94.67 Flo

94.77 Flo

273 Lin. Ft. of Main Line Pipe @ 0.20 % Grade

Main Line Pipe is: 6'x6' R.C.B., 78" RCP, or 78" CMP (Fully Paved)

277 Lin. Ft. of Main Line Pipe @ 0.20 % Grade

Main Line Pipe is: 6'x6' R.C.B., 78" RCP, or 78" CMP (Fully Paved)

REVISED 8-28-77

4 5 6 7 8 9

Sheet 3 of

Drainage on Second St. (River to Main St.) Proj. No. DARD-5700

Plan Scale 1" = 20'
Profile Scale 1" = 20'

Install 22' of 78" C.M.P. @ 0.46 %
USFL 95.06 DSFL 95.08

Existing 78" CMP (not paved)

CMP not paved

Abandon M.H.
Plug Pipe East, West, + Northeast

Install 31' of 24" R.C.P.
USFL 106.5 DSFL 106.2
(Adjust Pipe to clear Exist. Utility)

Sta 13+21
Const. Curb Inlet
Top 111.7

Remove Curb Inlet
Plug Pipe Northeast

Abandon Manhole
Plug Pipes North, South, East, west

Install 72" x 15" R.C.P.
USFL 107.8 DSFL 107.0

Remove Inlet
Const. Type I Curb Inlet
Top 111.77

Remove Inlet + Pipe

Sta 11+60 Const. M.H.
on ℄ (4' Rt. new ℄)
M.H. Ring @ 1.5 Rt ℄
(5.5 Rt. new ℄)

Remove Inlet
Plug Pipe S.W. 229.85

Pipe to remain: outfall
to new curb inlet

Plug

Abandon M.H.,
Plug Pipes East, West, + North

Install 92' of 48" R.C.P.
USFL 97.25 DSFL 96.97

Bell Telephone

Gas Lines

Water Lines

Sanitary Sewer Lines

Storm Sewer Lines

Concrete Curb & Gutter

Asphalt Pavement

Proposed 10" ABS Composite Pipe (San. Sewer)

stall 89' of Main Line
pe @ 0.2 %
SFL 94.95 DSFL 94.77

SECOND ST.

Remove Inlet
Plug Pipe East

Abandon M.H.
Plug Pipes E. + W.

Install 24' of 24" R.C.P.
USFL 107.0 DSFL 106.8
(Adjust Pipe to clear Exist. Utility)

Abandon Manhole
Plug Pipe North, South, East, West

Remove Inlet
Plug Pipes North, South, + East

Sta 13+11
Const. Cb. Inlet
Top 112.11

Remove Inlet
Plug Pipes
North South + West

Install 148' of 48" R.C.P. @ .3%
USFL 96.93 DSFL 96.49

Const. M.H. ℄ 13+08
(4' Rt. New ℄)
M.H. Ring @ 1.5 Rt ℄
or 5.5' Rt. New ℄

Sta 13+32
Const. Cb. Inlet
Top 112.08

WATER

Sta 13+85
Const. Cb. Inlet
Top 112.25

Install 50' of 15" R.C.P.
USFL 108.5 DSFL 108.0

Remove Inlets, Plug Pipes

CAUTION
UNDERGROUND
UTILITIES
Please check with K G & E or
Southwestern Bell
Telephone Co. for Location

ack 40'± of 78" R.C.P. or 78"
M.P. Fully Paved
ee Sheet 8 for 6'x6' R.C.B.
ain Line Pipe
Cost to be included in bid
price for Main Line Pipe)

WICHITA

Line 2

Install 121 of 48" R.C.P. @ 0.3%
USFL 96.36 DSFL 96.00

Const. M.H. on ℄ Sta 10+39

Install 25' of 18" R.C.P.
USFL 107.16 DSFL 106.91

M.H. to Remain in Service Plug Pipes NW, NE, + W.

Install 28' of 18" R.C.P.
USFL 107.8 DSFL 107.5

Manhole Sta 10+39

Manhole Sta 11+60

Manhole Sta 13+08

Sanitary Sewer Crossing

Bell Telephone Crossing

K&E Crossing

proposed surface

Existing Pavement

set top manhole 115.15

set top manhole 112.50

set top manhole 112.06

18" R.C.P. 108.5 Flo

18" R.C.P. 106.91 Flo

24" R.C.P. 106.2 Flo

24" R.C.P. 106.8 Flo

Jack Pipe 40'±

8" Conc. Encasement

identical points

94.77 Flo

94.87 Flo

94.95 Flo out
96.00 Flo in

96.18 Flo

96.36 Flo out
96.49 Flo in

96.61 Flo

96.91 Flo

96.93 Flo out
96.97 Flo in

97.25 Flo

89 Lin. Ft. of Main Line Pipe @ 0.2% Grade

121 Lin. Ft. of 48" R.C.P. @ 0.30 % Grade
Alt. 48" C.M.P. Fully Paved

148 Lin. Ft. of 48" R.C.P. @ 0.30 % Grade
Alt. 48" C.M.P. Fully Paved

92 Lin. Ft. of 48" R.C.P. @ 0.30% Grade
Alt. 48" C.M.P. Fully Paved

Main Line Pipe is: 6'x6' R.C.B., 78" R.C.P., or
78" C.M.P. (Fully Paved)

9+50 10 11 11+60 12 13 14

Sheet 4 of 12
Drainage on Second St. (River to Main St.) Proj No. DAKD576081

Install 240 of 48 RCP
USFL 98.12 DSFL 97.25

Reverse Curve Data
Δ = 4°34'52"
R = 626.0' L = 50.03'
T = 25.04' LC = 50.02'
Based on Ft. Cb.

Const. Type 1A Curb Inlet
Sta 16+78.5 Tap 111.61

248.08'

Install 30' of 15" R.C.P.
USFL 108.1 DSFL 107.8

Remove Curb Inlet

Abandon Manhole - Plug Pipe North, South, & West

Sta 17+76
Plug Pipe

SECOND ST.

Install 18' of 15" R.C.P.
USFL 108.1 DSFL 107.8

Install 86' of 42" R.C.P. @ 0.3%
USFL 98.88 DSFL 98.62

Constr. M.H. ℄ Sta 16+90 (4' Rt. New ℄)
M.H. Ring @ 1.5 Rt. ℄ or 5.5' Rt. New ℄

Const. Type 1A Curb Inlet
Sta 16+78.5 Tap 111.71

Remove 18' of 18" R.C.P.
Install 15' of 42" R.C.P. @ 1% (Adjust Pipe to Clear Exist. Utilities)

Remove Curb Inlet
Plug Pipe North

Adjust Existing Manhole for New 42" R.C.P.
Plug Pipes on North and West

Reverse Curve Data
Δ = 9°08'52"
R = 319.5' L = 50.21'
T = 25.16' LC = 50.16'
Based on Ft. Cb.

MAIN ST.

Remove Curb Inlet
Plug Pipe West

Abandon MH.
Plug Pipes East & West

20'

45'

Note:- 2 lanes of traffic
be open at
all times on Main St.

Plan Scale 1" = 20'
Profile Scale 1" = 20' Horiz
1" = 5' Vert

CAUTION
UNDERGROUND
UTILITIES
Please check with K G & E or
Southwestern Bell
Telephone Co. for Location

Manhole Sta 16+90

Set manhole
top 111.50

2-15" RCP NW, SW
Flo 107.8

Proposed Pavement

Existing Pavement

End Pipe
and Plug

97.85 Flo

97.55 Flo

97.85 Flo

98.12 Flo out
98.62 Flo in

98.88 Flo

290 Lin. Ft. of 48" RCP @ 0.30% Grade
Alt. 48" C.M.P. Fully Paved

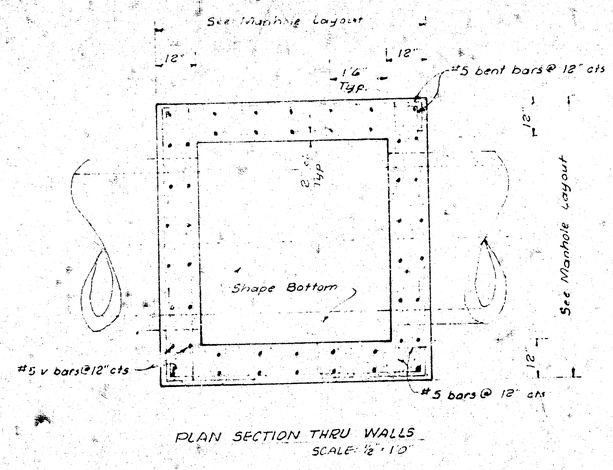
86 Lin. Ft. of 42" R.C.P. @ 0.30% Grade
Alt. 48" C.M.P. Fully Paved

115
110
105
100
95

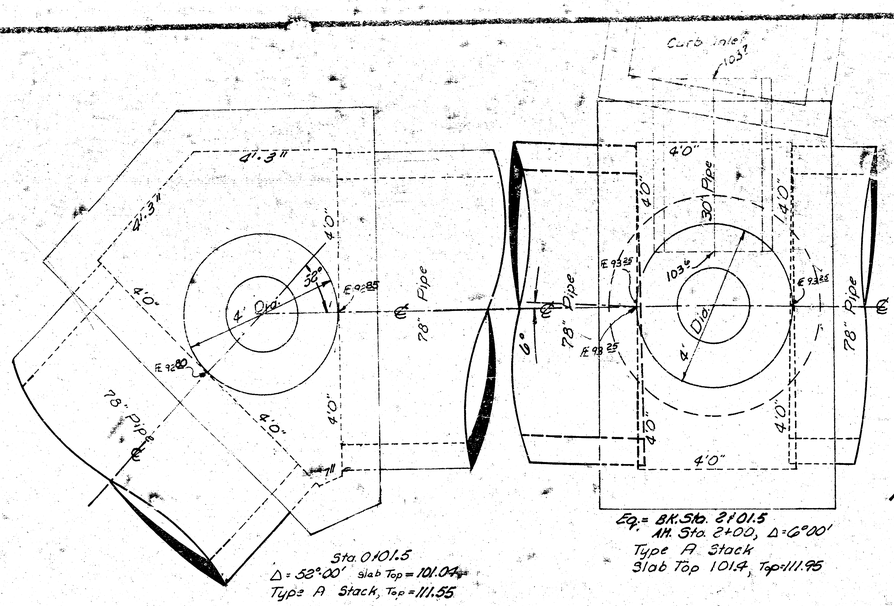
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Sheet 5

Drainage on Second St. (River to Main St.) Proj No. D-4(5)37

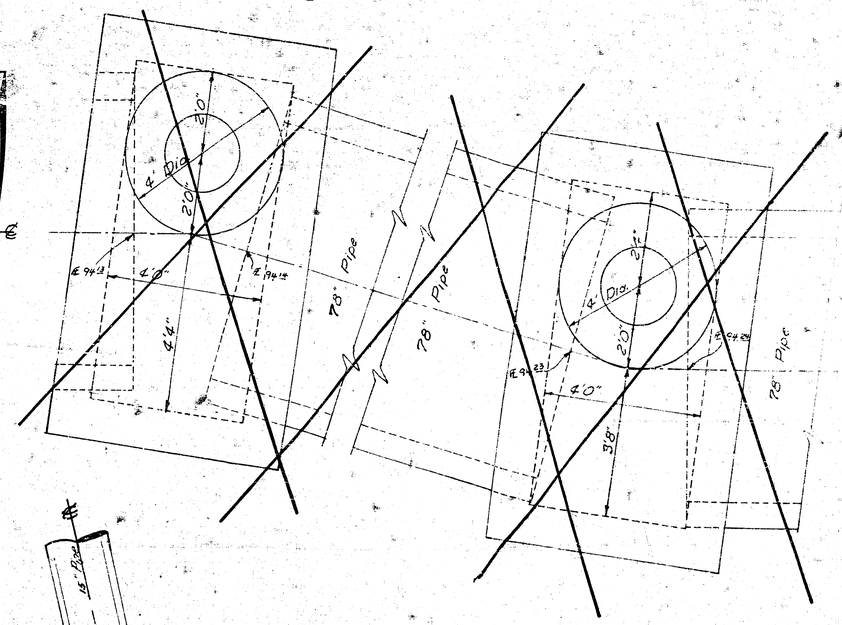


PLAN SECTION THRU WALLS
SCALE: ½" = 1'0"



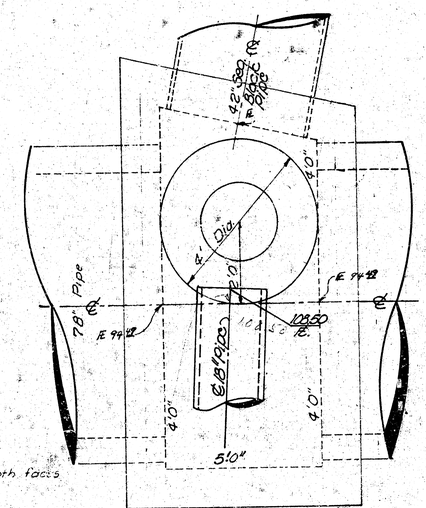
Sta. 0101.5
Δ = 53°00' Slab Top = 101.04
Type A Stack, Top = 111.55

Eq. = BK. Sta. 2+01.5
Ahd. Sta. 2+00, Δ = 6°00'
Type A Stack
Slab Top 101.4, Top = 111.95

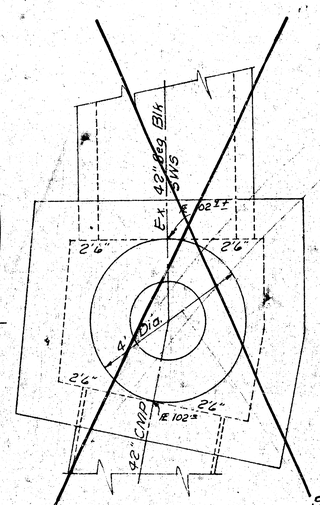


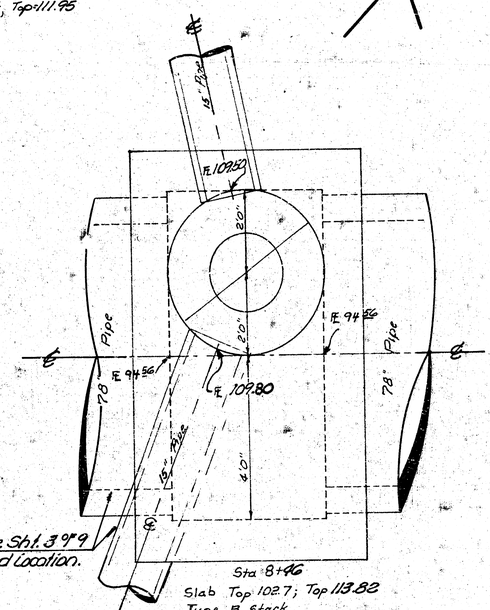
TYPICAL ELEVATION SECTION
SCALE: ½" = 1'0"

STD. REINF. CONC. MANHOLE DETAILS



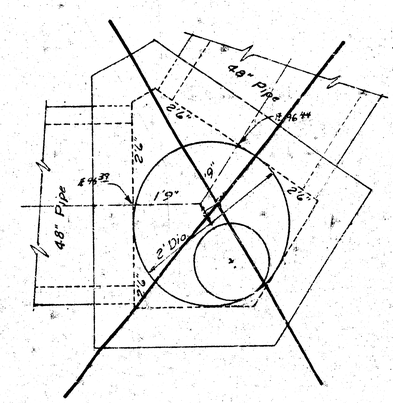
Sta. 8+10
Slab Top 102.6; Top 113.99
Type B Stack

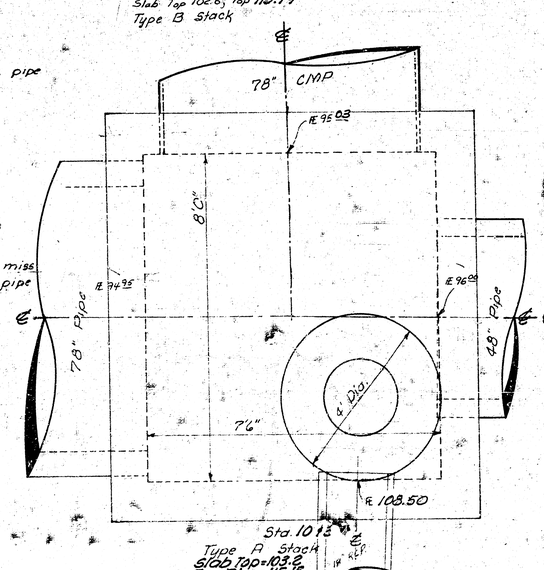




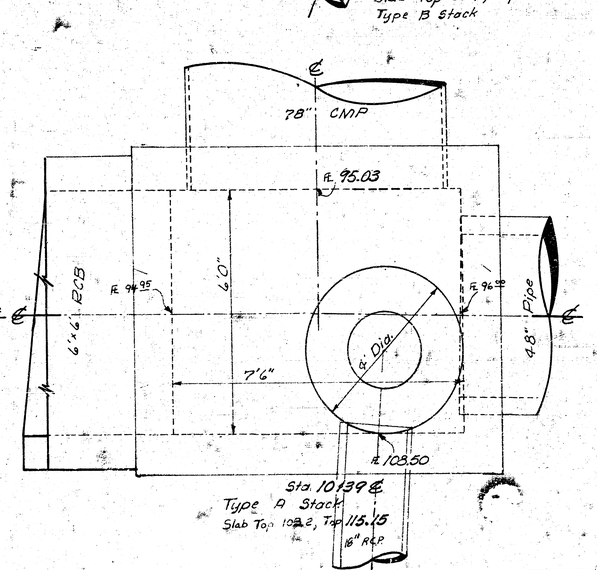
See Sh. 1 3979 For Load Location.

Sta. 8+46
Slab Top 102.7; Top 113.82
Type B Stack

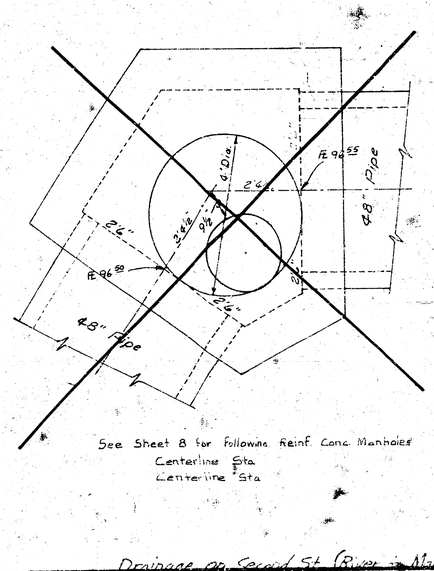





Sta. 10+13
Type A Stack
Slab Top = 103.2
Top Rim = 115.15



Sta. 10+39
Type A Stack
Slab Top 102.2, Top 115.15
18" RCP



See Sheet 8 for following Reinf. Conc. Manholes
Centerline Sta.
Centerline Sta.



Drainage on Second St.