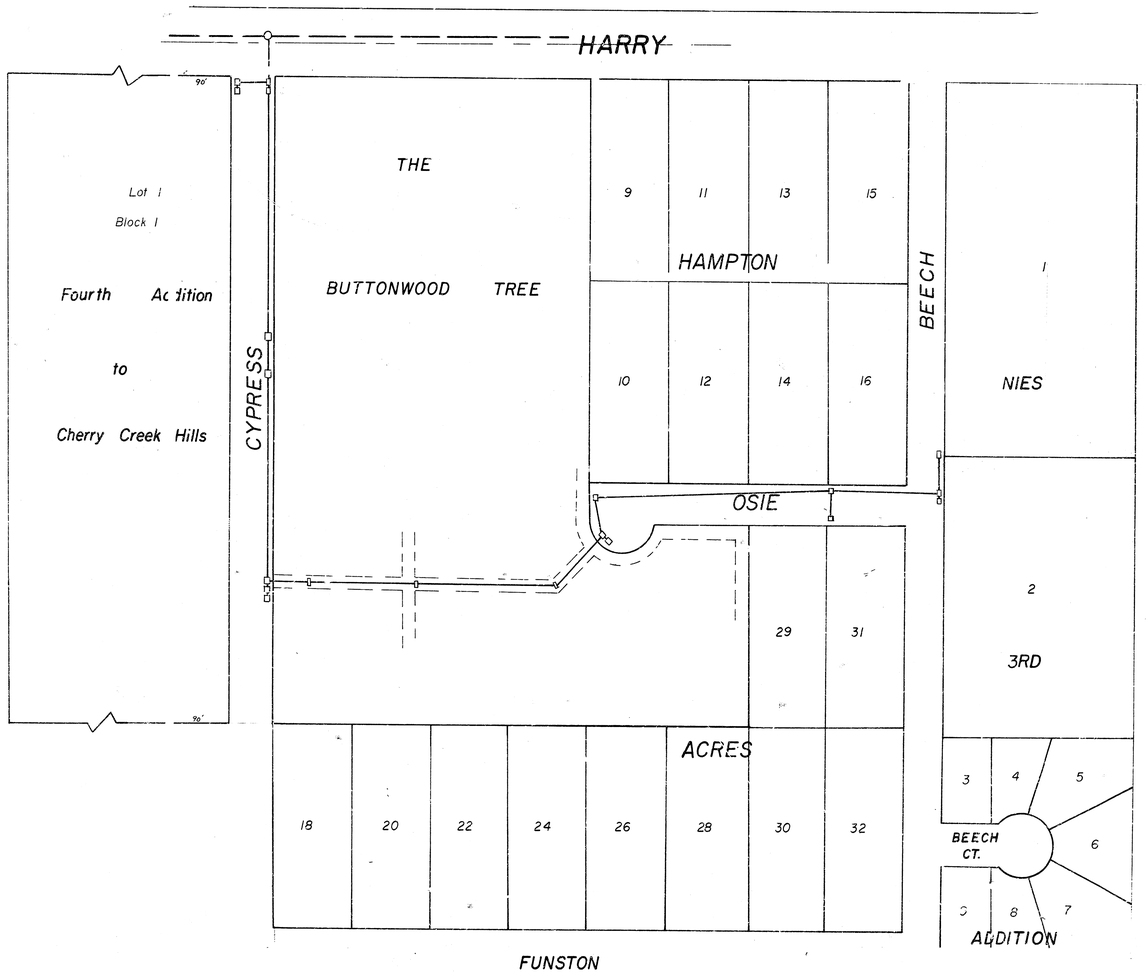
STORM WATER SEWER NO. 151

CITY OF WICHITA, KS.

R. W. LINN CITY ENGINEER

PROJECT NO. 468 76 245 80700 000 000 001



B.M. 169.46 R.R. Spike on W.-face P.P. @ S.E. Corner Osie & Cypress
B.M. 167.04 R.R. Spike on W.-face P.P. @ S.E. Corner Harry & Cypress

Sta 0+00
Const. Reinf. Conc. M.H. over Exist. 48" R.C.P.
See Sheet No 8 for M.H. Detail
Begin 36" Pipe South

Caution: 20" Water Line

Sta 0+66
Const. Type 1A Inlet w=6'0"
Top 167.11

Sta 0+74
Const Type 1A Inlet w=6'0"
Top 167.13

Existing Power Pole To be moved by others

Sta 4+35
Const. Type 1A Inlet w=6'0"
Top 168.26

36" 30"

Cypress

8" water

45 L.F. 15" R.C.P. or ~~C.M.P.~~ (~~Full Asphalt Coated~~)
U.S.F.L. = 163.00
D.S.F.L. = 162.55

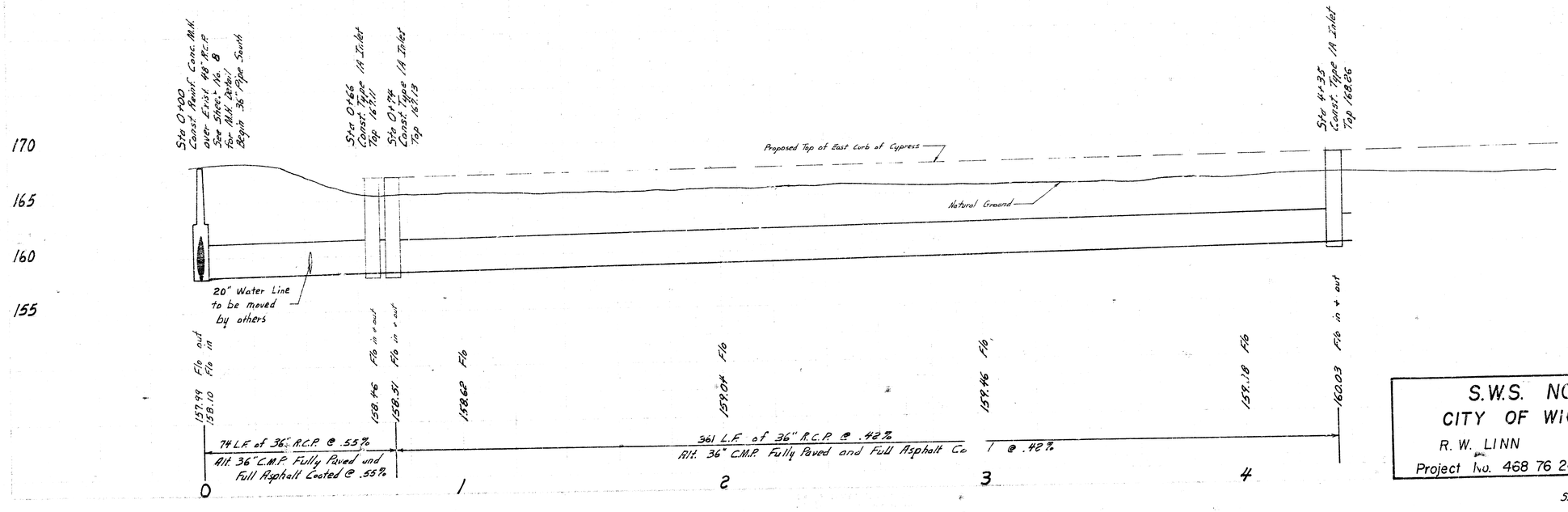
Harry

Sta 0+74
Const. Type 1A Curb Inlet w=4'2"
Top 166.73

4 L.F. 15" R.C.P. or ~~15" C.M.P. Full Asphalt Coated~~

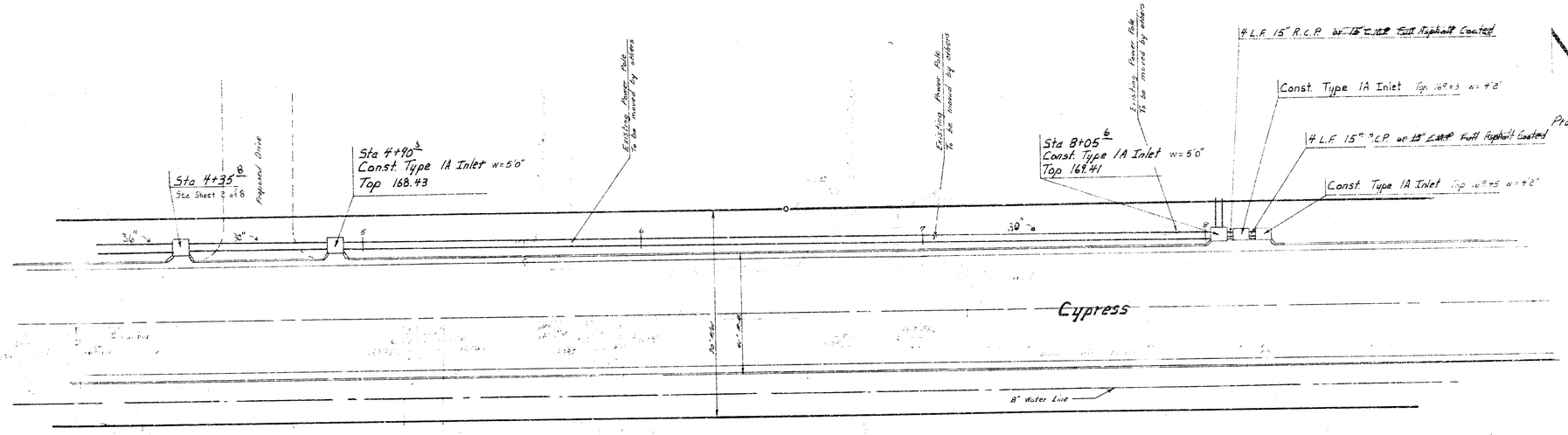
Sta 0+66
Const. Type 1A Curb Inlet w=4'2"
Top 166.71

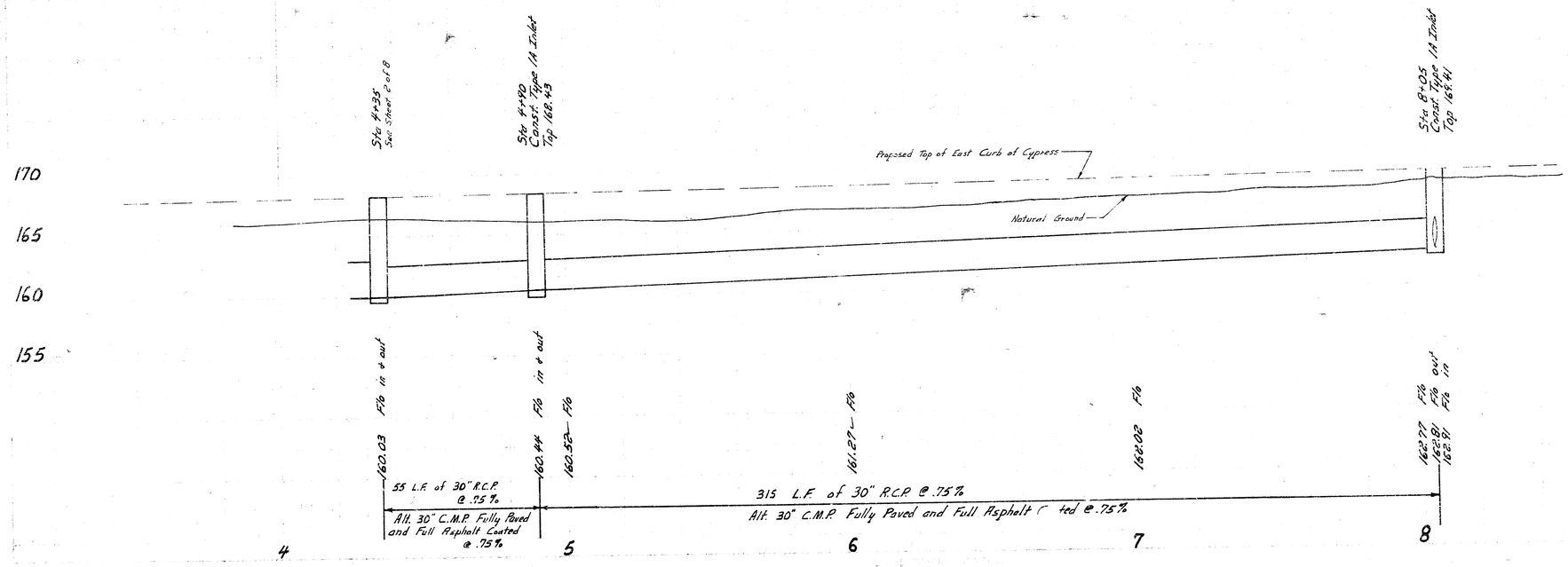
Plan Scale 1" = 20'
Profile Scale 1" = 20' Hor.
1" = 5' Vert.



S.W.S. NO. 151
CITY OF WICHITA, KS.
R. W. LINN CITY ENGINEER
Project No. 468 76 245 80700 000 000 001

Sheet No. 8





S.W.S. # 151
Project No. 468-76-795-80700-003-000-001
Sheet 3 of 16

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

Sta 8+63
Const. Double 2x2 Grate Inlet

Sta 10+26
Const. Double 2x2 Grate Inlet

Sta 12+47
Const. Double 2x2 Grate Inlet

Sta 8+05

Sta 13+00

179'

222.16'

N 47° 22' 55" E

N 21° 08' W

S 90° 00' E

30"

27"

27"

20' Drainage Easement

20' Utility Easement

Cypress

Natural Ground

170
165
160
155

Sta 8+05

Sta 8+63
Const. Double 2x2 Grate Inlet

Sta 10+27
Const. Double 2x2 Grate Inlet

Sta 12+47
Const. Double 2x2 Grate Inlet

Sta 13+00

F/G out
F/G in

162.81
162.91

F/G

163.23

F/G

163.43

F/G

163.98

F/G in x out

164.13

F/G

164.53

F/G

165.08

F/G out
F/G in

165.34
165.44

F/G

165.73

58 L.F. of 27" R.C.P. @ .55%
Alt. 27" C.M.P. Fully Paved and Full Asphalt Coated @ .55%

384 L.F. of 27" R.C.P. @ .55%
Alt. 27" C.M.P. Fully Paved and Full Asphalt Coated @ .55%

53 L.F. of 27" R.C.P. @ .55%
Alt. 27" C.M.P. Fully Paved and Full Asphalt Coated @ .55%

8 9 10 11 12 13

S.W.S. # 151
Project No. 468-76-PUC-80700-000-000-001

Sta 14+15
Const. Type 1A Inlet w=5'0"
Top 170.77

Remove 21 L.F. of 18" C.M.P.

Sta 20+00
Const. Type 1A Inlet w=4'6"
Top 172.47

Sta 19+80
Const. Type 1A Inlet w=5'0"
Top 171.93

Remove & Replace Street Sign

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

Sta 19+48
Const. Type 1A Inlet
Top 172.30 w=4'6"

4 L.F. 15" R.C.P. or 15" C.M.P. Full Asphalt Coated

Const. Type 1A Inlet
Top 172.32 w=4'6"

491.2'

24"x18" CM.P.A.

21" R.C.P.

Osie

392.24'

60' R/W

318.8'

Beech

4 L.F. of 15" R.C.P. or 15" C.M.P. Full Asphalt Coated

35 L.F. 15" R.C.P. or ~~C.M.P.~~ Full Asphalt Coated
U.S.F.L. = 169.00
D.S.F.L. = 168.65

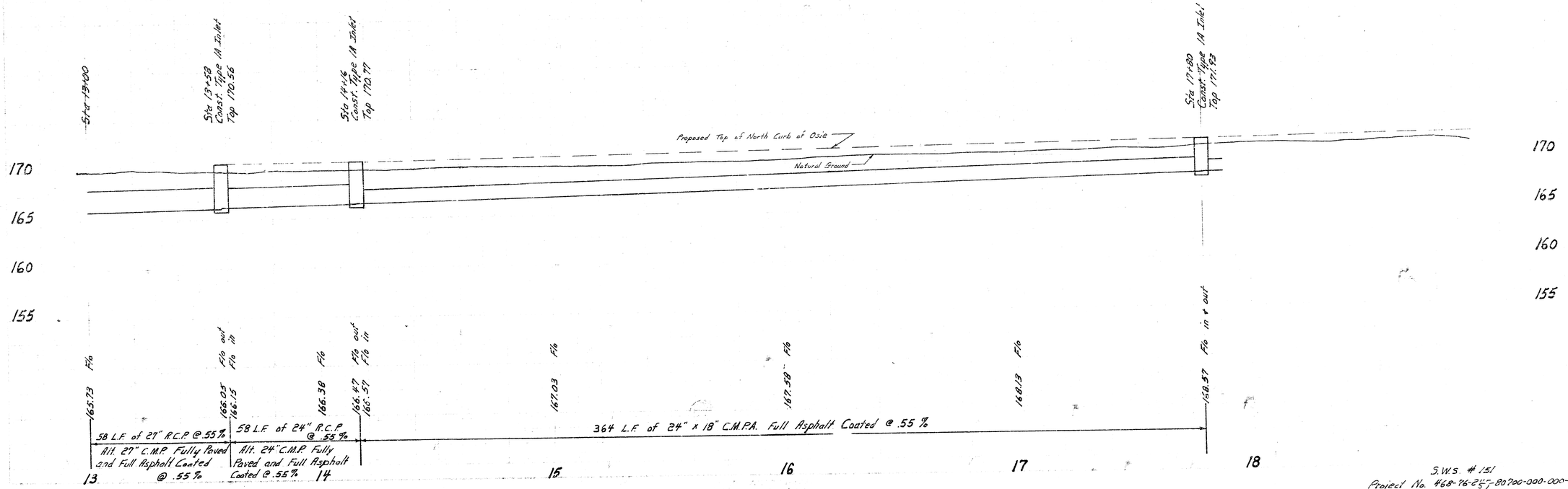
Sta 13+58
Const. Type 1A Inlet w=5'6"
Top 170.56

Const. Type 1A Inlet w=4'2"
Top 170.58

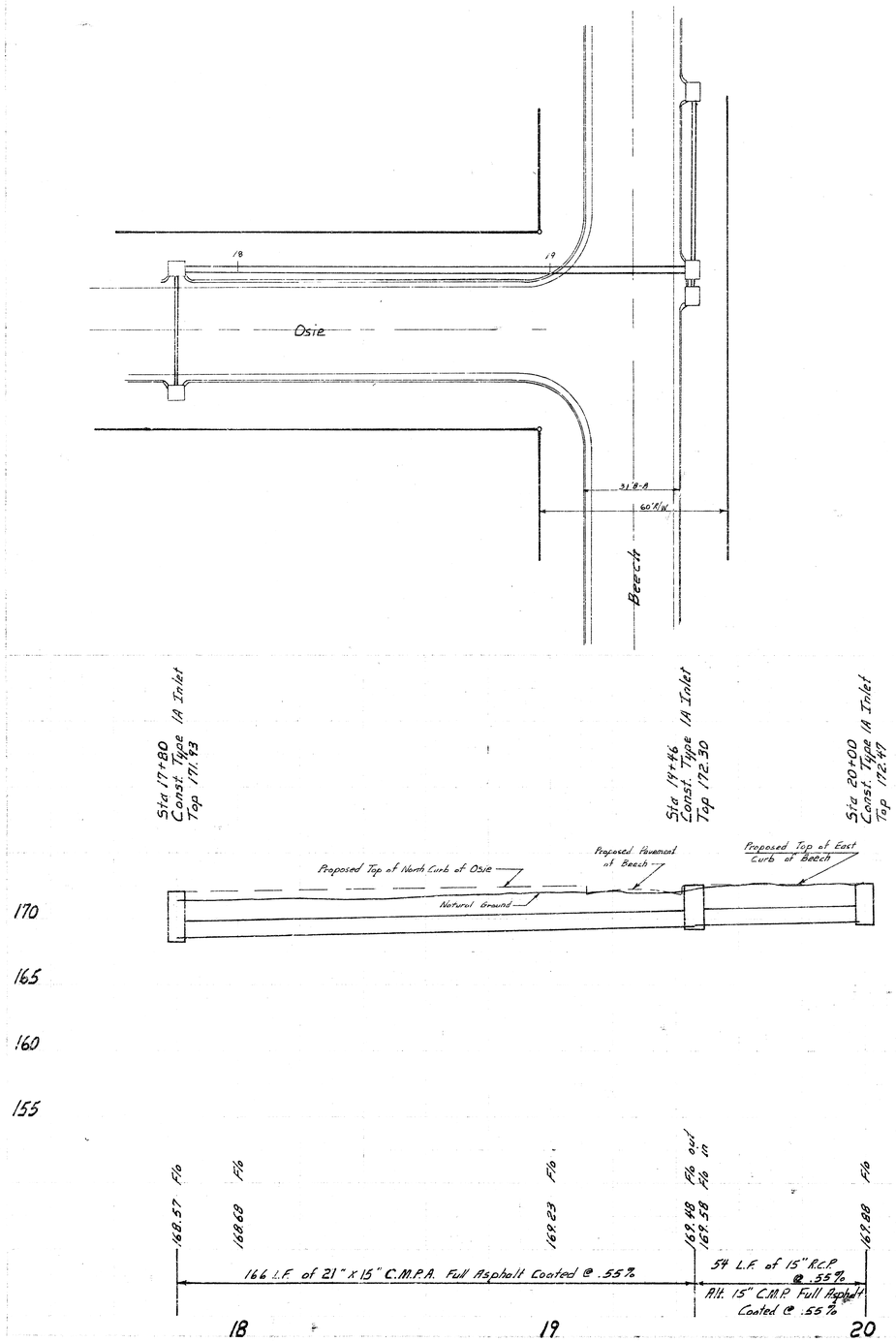
Sta 17+80
Const. Type 1A Curb Inlet w=4'6"
Top 171.92

Sta 13+00

Note: Profile of Sta 17+80 to Sta 20+00 on sheet 5



S.W.S. # 151
Project No. 468-76-257-80700-000-000-001
Sheet 5 of 16



S.W.S. # 151
Project No. 468-76-24F-80700-000-000-001
Sheet 6 of 6