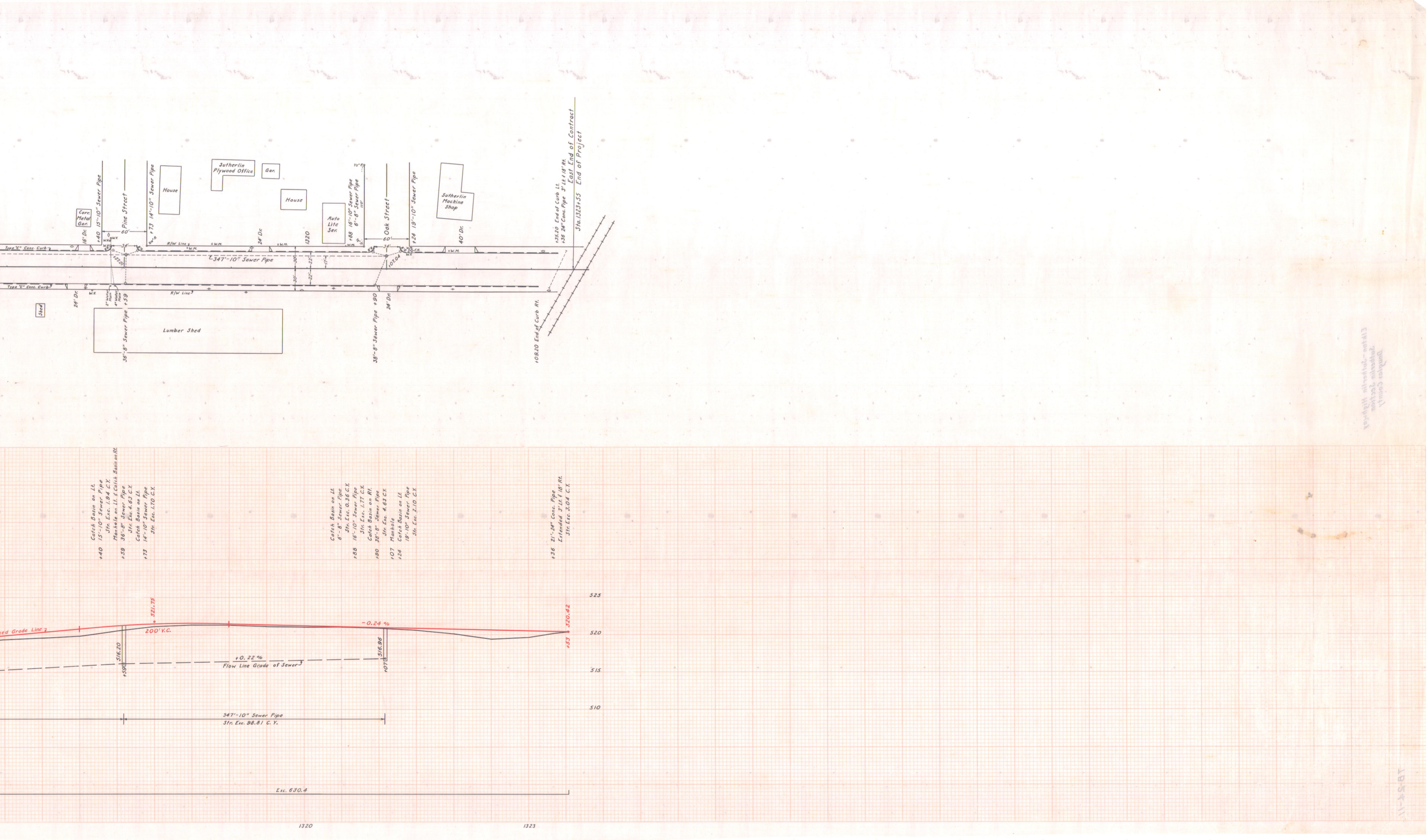
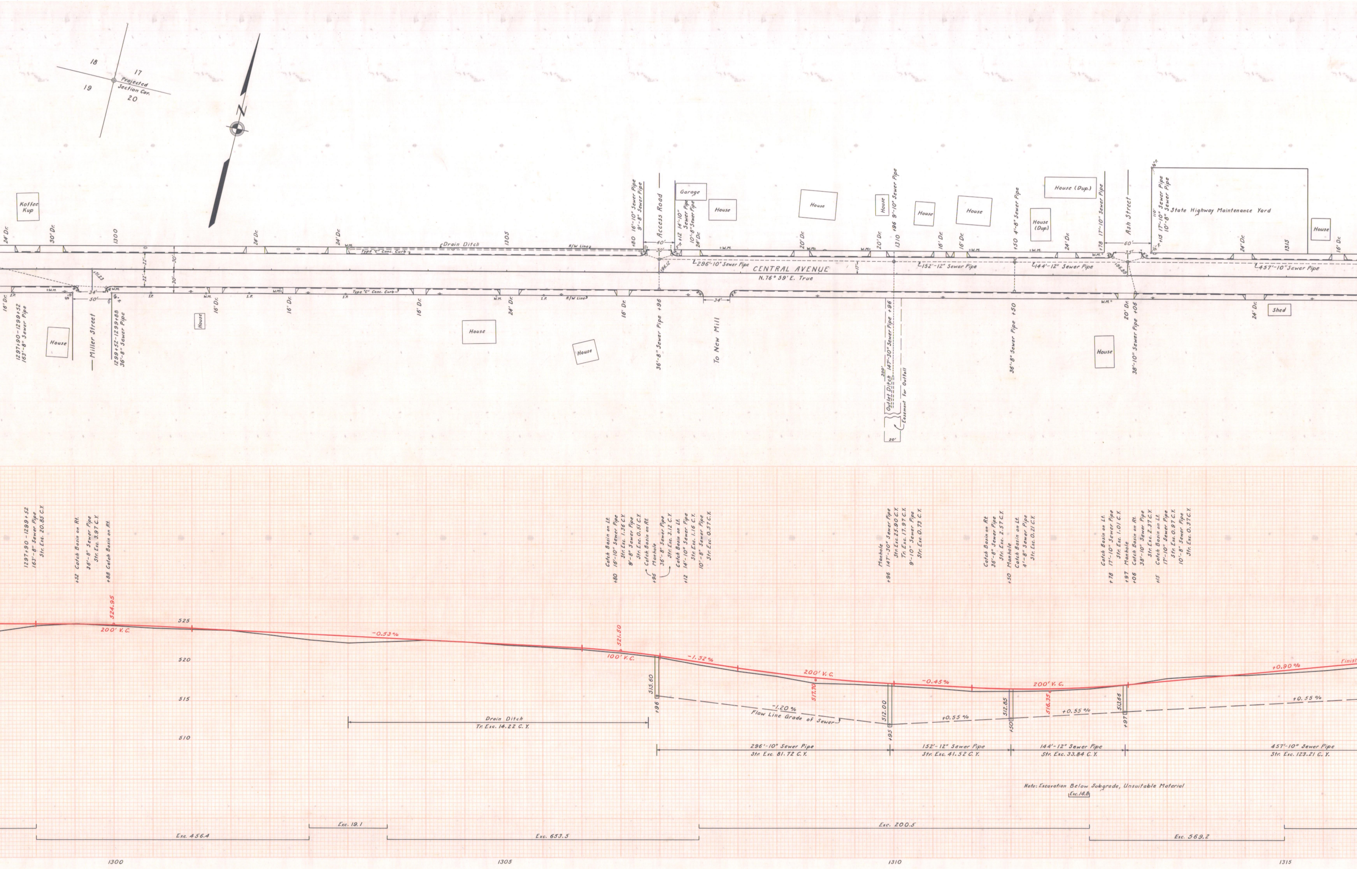
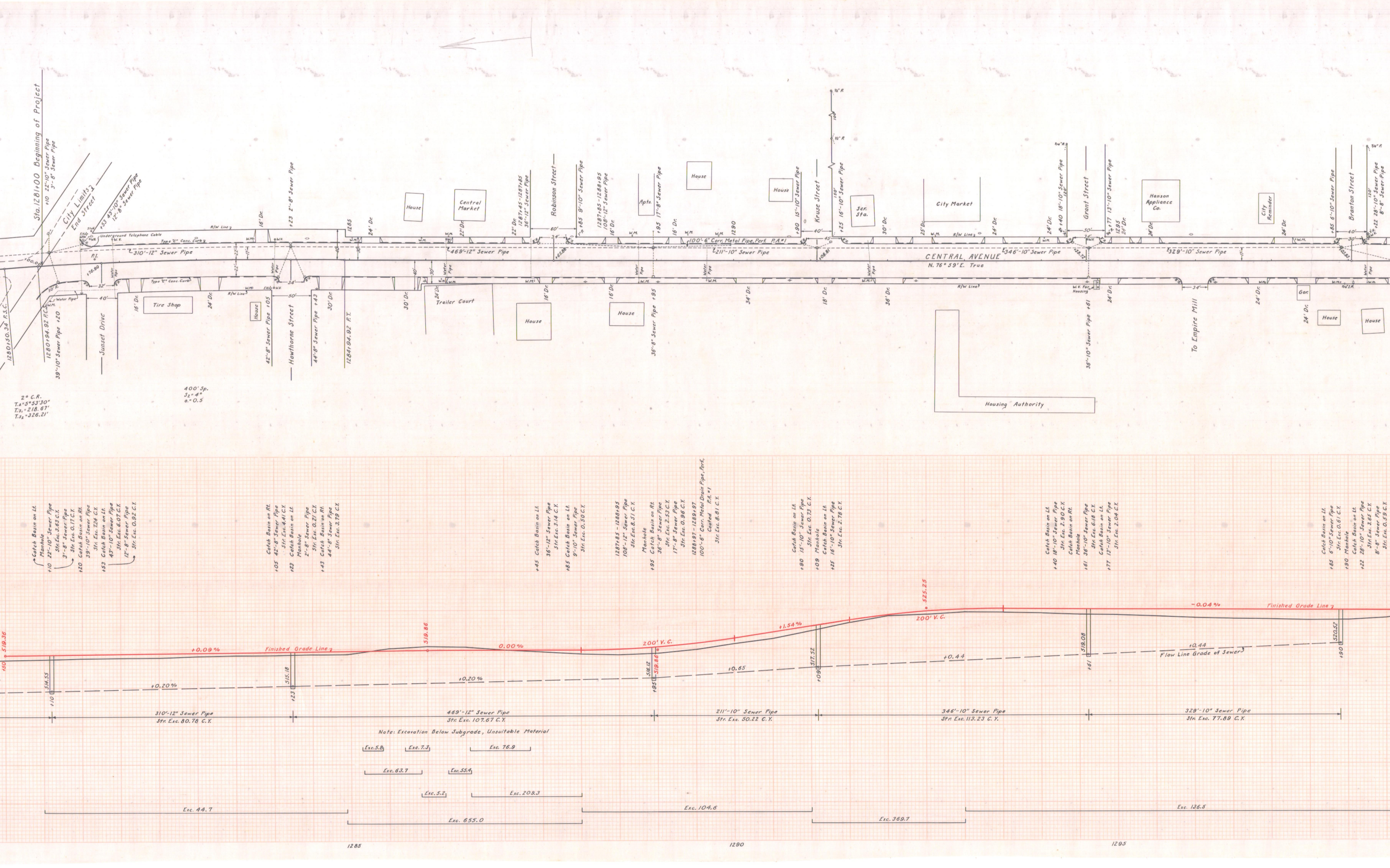
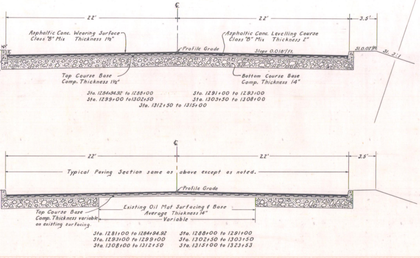
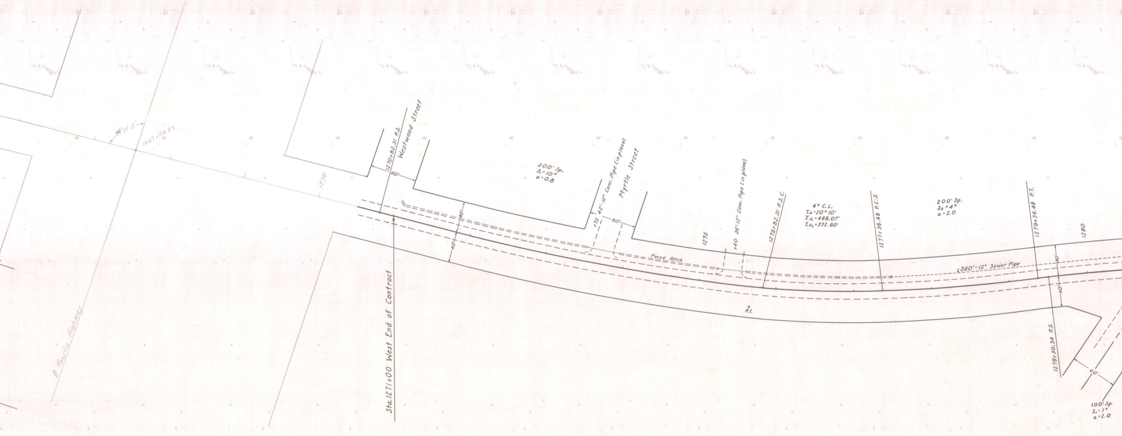

Corr. Metal Gar.
+40 15'-10" Sewer Pipe
16' Dr.
Type "C" Conc. Curb
Pine Street
60'
34'
W.K.
W.V.
+57.01
+73 14'-10" Sewer Pipe
House
Sutherlin Plywood Office
Gar.
House
R/W Line
W.M.
24' Dr.
1320
Auto Lite Ser.
+88 16'-10" Sewer Pipe
6'-8" Sewer Pipe
110'
1/2" P.P.
Oak Street
60'
34'
+07.04
F.H.
+24 19'-10" Sewer Pipe
Sutherlin Machine Shop
40' Dr.
+35.20 End of Curb Lt.
+36 24" Conc. Pipe 3' Lt. & 18' Rt.
East End of Contract
Sta. 1323+55 End of Project
347'-10" Sewer Pipe
30'
22'
17'
Type "C" Conc. Curb
24' Dr.
W.V.
2" Water Main
4" Water Main
+59
Shed
Lumber Shed
36'-8" Sewer Pipe
38'-8" Sewer Pipe +90
24' Dr.
+09.20 End of Curb Rt.
Catch Basin on Lt.
+40 15'-10" Sewer Pipe
Str. Exc. 1.94 C.Y.
Manhole on Lt. & Catch Basin on Rt.
+59 36'-8" Sewer Pipe
Str. Exc. 4.63 C.Y.
Catch Basin on Lt.
+73 14'-10" Sewer Pipe
Str. Exc. 1.70 C.Y.
Catch Basin on Lt.
6'-8" Sewer Pipe
Str. Exc. 0.36 C.Y.
+88 16'-10" Sewer Pipe
Str. Exc. 1.77 C.Y.
Catch Basin on Rt.
+90 38'-8" Sewer Pipe
Str. Exc. 4.63 C.Y.
+07 Manhole
+24 Catch Basin on Lt.
19'-10" Sewer Pipe
Str. Exc. 2.10 C.Y.
+36 21'-24" Conc. Pipe
Extended 3' Lt. & 18' Rt.
Str. Exc. 3.04 C.Y.
521.75
ed Grade Line
200' V.C.
-0.24 %
+53 520.42
525
520
515
510
516.20
+59
+0.22 %
Flow Line Grade of Sewer
516.96
+07
347'-10" Sewer Pipe
Str. Exc. 98.81 C.Y.
Exc. 630.4
1320
1323


18
17
19
20
Projected Section Cor.
N
Koffee Kup
House
1297+90-1299+52 163'-8" Sewer Pipe
Miller Street
1299+52-1299+88 36'-8" Sewer Pipe
24' Dr.
30' Dr.
1300
16' Dr.
W.M.
I.P.
34'
50'
171.23
22'
30'
Type "C" Conc. Curb
Drain Ditch
R/W Line
1305
+80 16'-10" Sewer Pipe 9'-8" Sewer Pipe
Access Road
40'
+12 14'-10" Sewer Pipe 10'-8" Sewer Pipe
Garage
196.12
36'-8" Sewer Pipe +96
To New Mill
296'-10" Sewer Pipe
CENTRAL AVENUE
N.76° 59' E. True
17'
20' Dr.
1310
+96 9'-10" Sewer Pipe
Outlet Ditch 147'-30" Sewer Pipe +96
300'
Easement for Outfall
20'
152'-12" Sewer Pipe
144'-12" Sewer Pipe
+50 4'-8" Sewer Pipe
36'-8" Sewer Pipe +50
House (Dup.)
+78 17'-10" Sewer Pipe
Ash Street
60'
35'
196.89
38'-10" Sewer Pipe +06
+15 17'-10" Sewer Pipe 10'-8" Sewer Pipe
110'
State Highway Maintenance Yard
1315
Shed
457'-10" Sewer Pipe
1297+90-1299+52 163'-8" Sewer Pipe Str. Exc. 20.85 C.Y.
+52 Catch Basin on Rt. 36'-8" Sewer Pipe Str. Exc. 3.97 C.Y.
+88 Catch Basin on Rt.
+80 Catch Basin on Lt. 16'-10" Sewer Pipe Str. Exc. 1.36 C.Y. 9'-8" Sewer Pipe Str. Exc. 0.51 C.Y.
Catch Basin on Rt.
+96 Manhole 36'-8" Sewer Pipe Str. Exc. 3.12 C.Y.
+12 Catch Basin on Lt. 14'-10" Sewer Pipe Str. Exc. 1.16 C.Y. 10'-8" Sewer Pipe Str. Exc. 0.57 C.Y.
+96 Manhole 147'-30" Sewer Pipe Str. Exc. 25.90 C.Y. Tr. Exc. 17.97 C.Y. 9'-10" Sewer Pipe Str. Exc. 0.73 C.Y.
Catch Basin on Rt. 36'-8" Sewer Pipe Str. Exc. 2.57 C.Y.
+50 Manhole Catch Basin on Lt. 4'-8" Sewer Pipe Str. Exc. 0.21 C.Y.
+78 Catch Basin on Lt. 17'-10" Sewer Pipe Str. Exc. 1.01 C.Y.
+97 Manhole
+06 Catch Basin on Rt. 38'-10" Sewer Pipe Str. Exc. 2.37 C.Y.
+15 Catch Basin on Lt. 17'-10" Sewer Pipe Str. Exc. 0.97 C.Y. 10'-8" Sewer Pipe Str. Exc. 0.37 C.Y.
524.95
200' V.C.
525
520
515
510
-0.53%
521.50
100' V.C.
-1.52%
515.60
+96
Drain Ditch
Tr. Exc. 14.22 C.Y.
200' V.C.
517.70
-1.20%
Flow Line Grade of Sewer
512.00
+95
-0.45%
+0.55%
512.85
+50
200' V.C.
516.35
513.66
+97
+0.90%
+0.55%
Finish
296'-10" Sewer Pipe Str. Exc. 81.72 C.Y.
152'-12" Sewer Pipe Str. Exc. 41.52 C.Y.
144'-12" Sewer Pipe Str. Exc. 33.84 C.Y.
457'-10" Sewer Pipe Str. Exc. 123.21 C.Y.
Note: Excavation Below Subgrade, Unsuitable Material
Exc. 14.8
Exc. 456.4
Exc. 19.1
Exc. 653.5
Exc. 200.5
Exc. 569.2
1300
1305
1310
1315

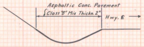

Sta. 1281+00 Beginning of Project
+10 22'-10" Sewer Pipe
3'-8" Sewer Pipe
City Limits
End Street
+53 43'-10" Sewer Pipe
12'-8" Sewer Pipe
Underground Telephone Cable
Type "C" Conc. Curb
310'-12" Sewer Pipe
P.I.
+76.90
Water Pipe
50' R.
40'
32'
34'
50'
1280+50.34 P.S.C.
1280+94.92 P.C.
39'-10" Sewer Pipe +20
Sunset Drive
Tire Shop
House
42'-8" Sewer Pipe +05
Hawthorne Street
44'-8" Sewer Pipe +43
1284+94.92 P.T.
+23 2'-8" Sewer Pipe
R/W Line
2° C.R.
T.Δ=5°53'30"
T.S₁=218.67'
T.S₂=326.21'
400' Sp.
S₂=4°
a.=0.5
1285
Central Market
Trailer Court
22' Dr.
1287+45-1287+85
36'-12" Sewer Pipe
Robinson Street
+85 9'-10" Sewer Pipe
1287+85-1288+95
108'-12" Sewer Pipe
469'-12" Sewer Pipe
Apts.
+95 17'-8" Sewer Pipe
36'-8" Sewer Pipe +95
100'-6" Corr. Metal Pipe, Perf. P.A.#1
211'-10" Sewer Pipe
1290
+90 15'-10" Sewer Pipe
Kruse Street
+25 16'-10" Sewer Pipe
Ser. Sta.
City Market
CENTRAL AVENUE
N. 76° 59' E. True
346'-10" Sewer Pipe
Housing Authority
+40 18'-10" Sewer Pipe
Grant Street
+77 13'-10" Sewer Pipe
1295
W.V. for Housing
36'-10" Sewer Pipe +61
To Empire Mill
Hanson Appliance Co.
329'-10" Sewer Pipe
City Reminder
Gar.
+85 6'-10" Sewer Pipe
Branton Street
+22 28'-10" Sewer Pipe
8'-8" Sewer Pipe
W.M.
W.V.
F.H.
16' Dr.
24' Dr.
30' Dr.
18' Dr.
25' Dr.
34' Dr.
36' Dr.
+10 Catch Basin on Lt.
Manhole
22'-10" Sewer Pipe
Str. Exc. 3.63 C.Y.
3'-8" Sewer Pipe
Str. Exc. 0.17 C.Y.
+20 Catch Basin on Rt.
39'-10" Sewer Pipe
Str. Exc. 7.24 C.Y.
+53 Catch Basin on Lt.
43'-10" Sewer Pipe
Str. Exc. 6.07 C.Y.
12'-8" Sewer Pipe
Str. Exc. 0.92 C.Y.
Catch Basin on Rt.
+05 42'-8" Sewer Pipe
Str. Exc. 4.41 C.Y.
+23 Catch Basin on Lt.
Manhole
2'-8" Sewer Pipe
Str. Exc. 0.21 C.Y.
+43 Catch Basin on Rt.
44'-8" Sewer Pipe
Str. Exc. 3.79 C.Y.
+45 Catch Basin on Lt.
36'-12" Sewer Pipe
Str. Exc. 3.14 C.Y.
+85 Catch Basin on Lt.
9'-10" Sewer Pipe
Str. Exc. 0.50 C.Y.
1287+85 - 1288+95
108'-12" Sewer Pipe
Str. Exc. 8.51 C.Y.
Manhole
+95 Catch Basin on Rt.
36'-8" Sewer Pipe
Str. Exc. 2.53 C.Y.
17'-8" Sewer Pipe
Str. Exc. 0.96 C.Y.
1288+97 - 1289+97
100'-6" Corr. Metal Drain Pipe, Perf., Coated P.A. #1
Str. Exc. 8.81 C.Y.
Catch Basin on Lt.
+90 15'-10" Sewer Pipe
Str. Exc. 0.73 C.Y.
+09 Manhole
Catch Basin on Lt.
+25 16'-10" Sewer Pipe
Str. Exc. 2.78 C.Y.
Catch Basin on Lt.
+40 18'-10" Sewer Pipe
Str. Exc. 2.90 C.Y.
Catch Basin on Rt.
Manhole
+61 36'-10" Sewer Pipe
Str. Exc. 6.18 C.Y.
Catch Basin on Lt.
+77 13'-10" Sewer Pipe
Str. Exc. 2.04 C.Y.
Catch Basin on Lt.
+85 6'-10" Sewer Pipe
Str. Exc. 0.61 C.Y.
+90 Manhole
Catch Basin on Lt.
+22 28'-10" Sewer Pipe
Str. Exc. 3.65 C.Y.
8'-8" Sewer Pipe
Str. Exc. 0.59 C.Y.
519.36
+0.09%
Finished Grade Line
519.86
0.00%
200' V.C.
518.86
+1.54%
525.25
200' V.C.
-0.04%
Finished Grade Line
514.55
515.18
516.12
517.52
519.08
520.52
+10
+23
+95
+09
+61
+90
+0.20%
+0.20%
+0.65
+0.44
+0.44
Flow Line Grade of Sewer
310'-12" Sewer Pipe
Str. Exc. 80.78 C.Y.
469'-12" Sewer Pipe
Str. Exc. 107.67 C.Y.
211'-10" Sewer Pipe
Str. Exc. 50.22 C.Y.
346'-10" Sewer Pipe
Str. Exc. 113.23 C.Y.
329'-10" Sewer Pipe
Str. Exc. 77.89 C.Y.
Note: Excavation Below Subgrade, Unsuitable Material
Exc. 5.8
Exc. 7.3
Exc. 76.9
Exc. 63.7
Exc. 55.4
Exc. 5.2
Exc. 209.3
Exc. 44.7
Exc. 655.0
Exc. 104.6
Exc. 369.7
Exc. 126.5
1285
1290
1295

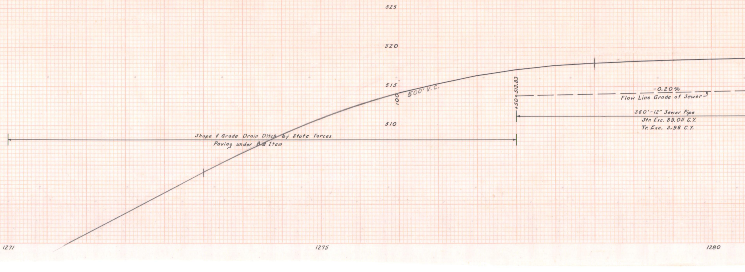
TYPICAL SECTIONS


℄
22'
22'
3.5'
Asphaltic Conc. Wearing Surface
Class "B" Mix Thickness 1½"
Asphaltic Conc. Levelling Course
Class "B" Mix Thickness 2"
Profile Grade
Slope 0.018'/Ft.
Sl. 0.02'/Ft.
Sl. 3:1
Top Course Base
Comp. Thickness 1½"
Bottom Course Base
Comp. Thickness 14"
Sta. 1284+94.92 to 1288+00
Sta. 1299+00 to 1302+50
Sta. 1291+00 to 1293+00
Sta. 1303+50 to 1308+00
Sta. 1312+50 to 1315+00
℄
22'
22'
3.5'
Typical Paving Section same as above except as noted.
Profile Grade
Existing Oil Mat Surfacing & Base
Average Thickness 14"
Variable
Top Course Base
Comp. Thickness variable
on existing surfacing.
Sta. 1281+00 to 1284+94.92
Sta. 1293+00 to 1299+00
Sta. 1308+00 to 1312+50
Sta. 1288+00 to 1291+00
Sta. 1302+50 to 1303+50
Sta. 1315+00 to 1323+53


94°03'15"
1267+54.22
1270
℄ Pacific Highway
1270+82.31 P.S.
Westwood Street
60'
500' Sp.
S₁=10°
a.=0.8
+75 42'-12" Conc. Pipe (in place)
Myrtle Street
60'
40'
40'
Paved Ditch
1275
+40 36'-12" Conc. Pipe (in place)
1275+82.31 P.S.C.
4° C.L.
T.Δ=20°10'
T.s₁=488.07'
T.s₂=372.60'
1277+36.48 P.C.S.
200' Sp.
S₂=4°
a.=2.0
1279+36.48 P.T.
1280
℄ 360'-12" Sewer Pipe
40'
40'
P.I.
1279+50.34 P.S.
60'
100' Sp.
S₁=1°
a.=2.0
Sta.1271+00 West End of Contract

Typical Ditch Section


Asphaltic Conc. Pavement
Class "B" Mix Thickn. 2"
Hwy. ℄



11-24-78

OREGON STATE HIGHWAY DEPARTMENT

CONSTRUCTED LINE

ELKTON - SUTHERLIN HIGHWAY

SUTHERLIN SECTION

DOUGLAS COUNTY

STATION 1281+00 TO 1323+55

U S C & G S 1934 DATUM SCALE 1" = 50'

CLAY M. CORNETT, RES. ENGR. AUGUST 1953

16"
Type "C"
Conc. Curb