Survey J.Y.
Plan D.E.C.
Exc D.E.C.
Checked
Bk 1417

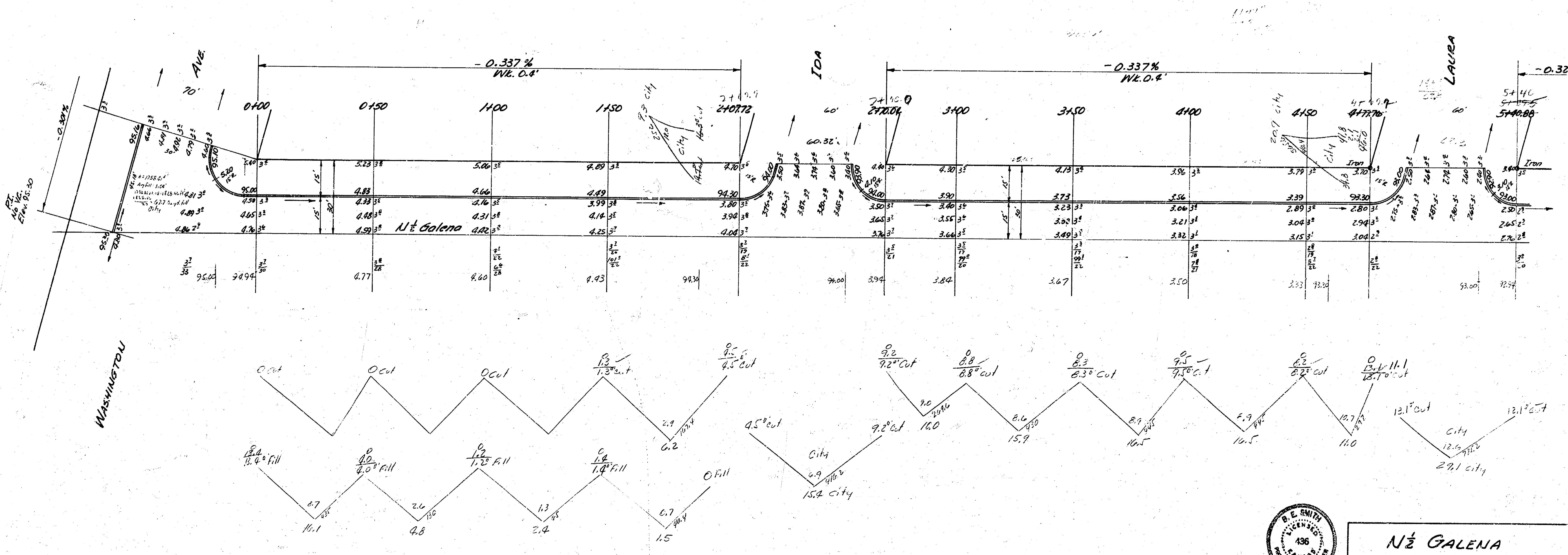
B.M. 90.65 Top Iron in Flood Control R/W Marker 200'N.&75'W.
W. of N. End Big Ark. River Bridge @ Hydraulic

Base line for X-Sects on N. Cb. line-15' S. of N.R

Grand Total

	Excav. Prop.	Excav. City	Fill Prop	Fill City
	1119.1	154.0	112.9	97.8
+10%	111.9	15.4	11.3	9.8
Total	1231.0 Cu.yd.	169.4 Cu.yd.	124.2 Cu.yd.	107.6 Cu.yd.

Excav. Prop.	Excav. City	Fill Prop	Fill City
76.1 Cu.yd.	74.7 Cu.yd.	24.3 Cu.yd.	27.7 Cu.yd.


N
-0.30%
P.I.
AVE.
70'
0+00
0+50
1+00
1+50
2+07.72
-0.337%
Wk. 0.4'
N½ Galena
15'
30'
IDA
60'
2+70.06
3+00
3+50
4+00
4+50
4+77.76
-0.337%
Wk. 0.4'
LAURA
60'
5+40.88
-0.327%
Iron
WASHINGTON
0 Cut
0 Cut
0 Cut
1.3 Cut
4.5 Cut
9.2 Cut
8.8 Cut
8.3 Cut
9.5 Cut
6.2 Cut
13.1 Cut
13.1 Cut
4.5 Cut
9.2 Cut
City
15.4 City
29.1 City
12.4 Fill
4.0 Fill
1.2 Fill
1.4 Fill
0 Fill
11.1
4.8
3.4
1.5

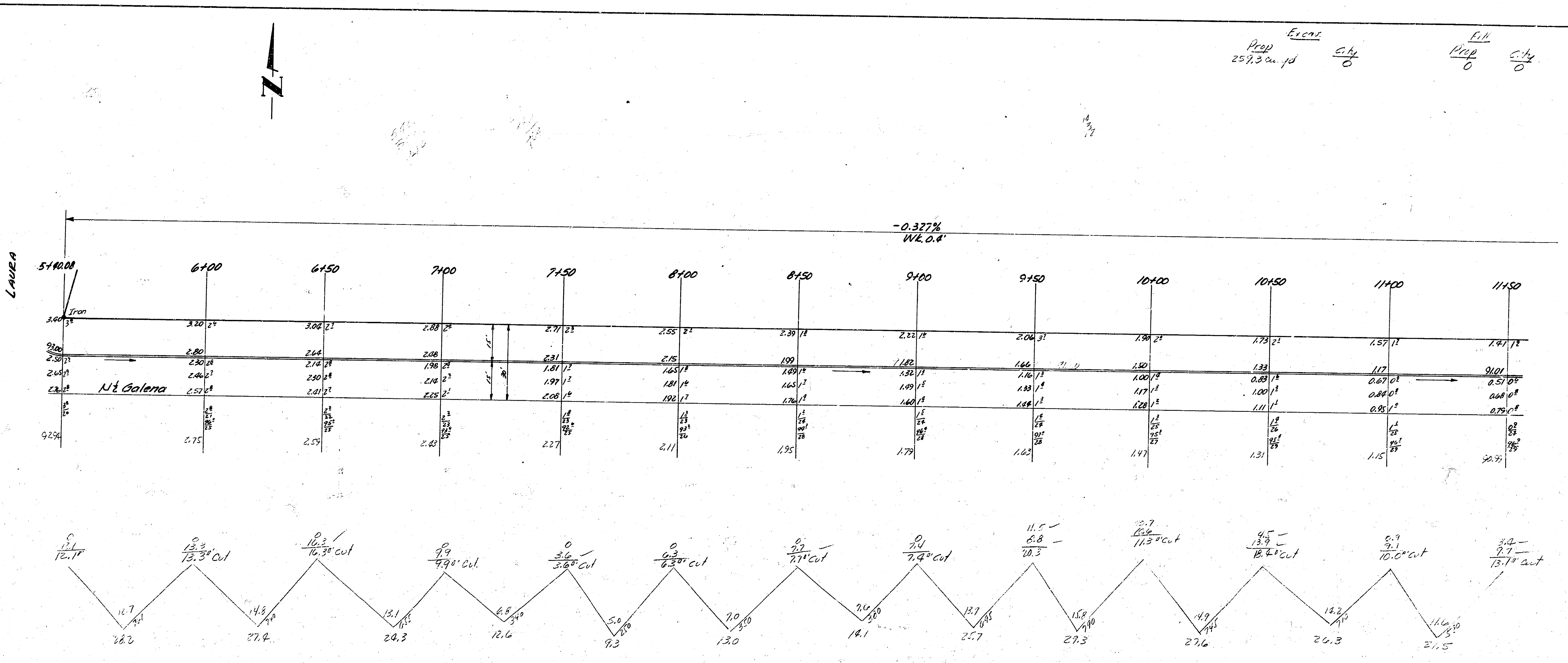
B.E. SMITH
LICENSED
436
KANSAS
PROFESSIONAL ENGINEER

1
5

N½ GALENA
W.L. WASHINGTON TO W.L. HYDRAULIC
15' CONC. & CB.

CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
OCT. 1955 PROJ NO. C15-221

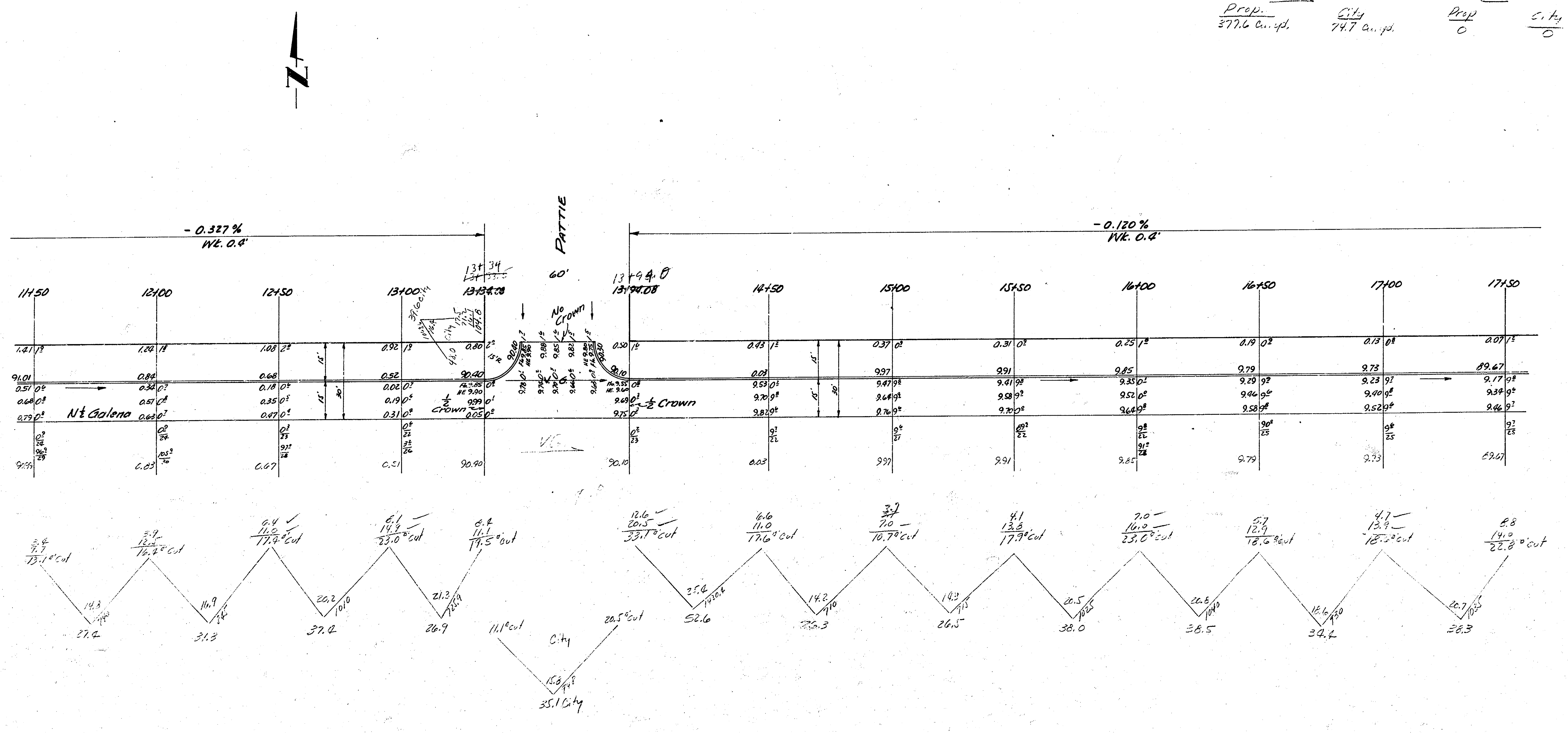
Excav.		Fill	
Prop	City	Prop	City
257.3 cu. yd	0	0	0


N
-0.327%
WL 0.4'
Laura
5+40.08
Iron
6+00
6+50
7+00
7+50
8+00
8+50
9+00
9+50
10+00
10+50
11+00
11+50
N½ Galena
2.75
2.59
2.43
2.27
2.11
1.95
1.79
1.63
1.47
1.31
1.15
26.2
27.4
24.3
12.6
9.3
13.0
18.1
25.7
27.3
27.6
26.3
21.5

2/5

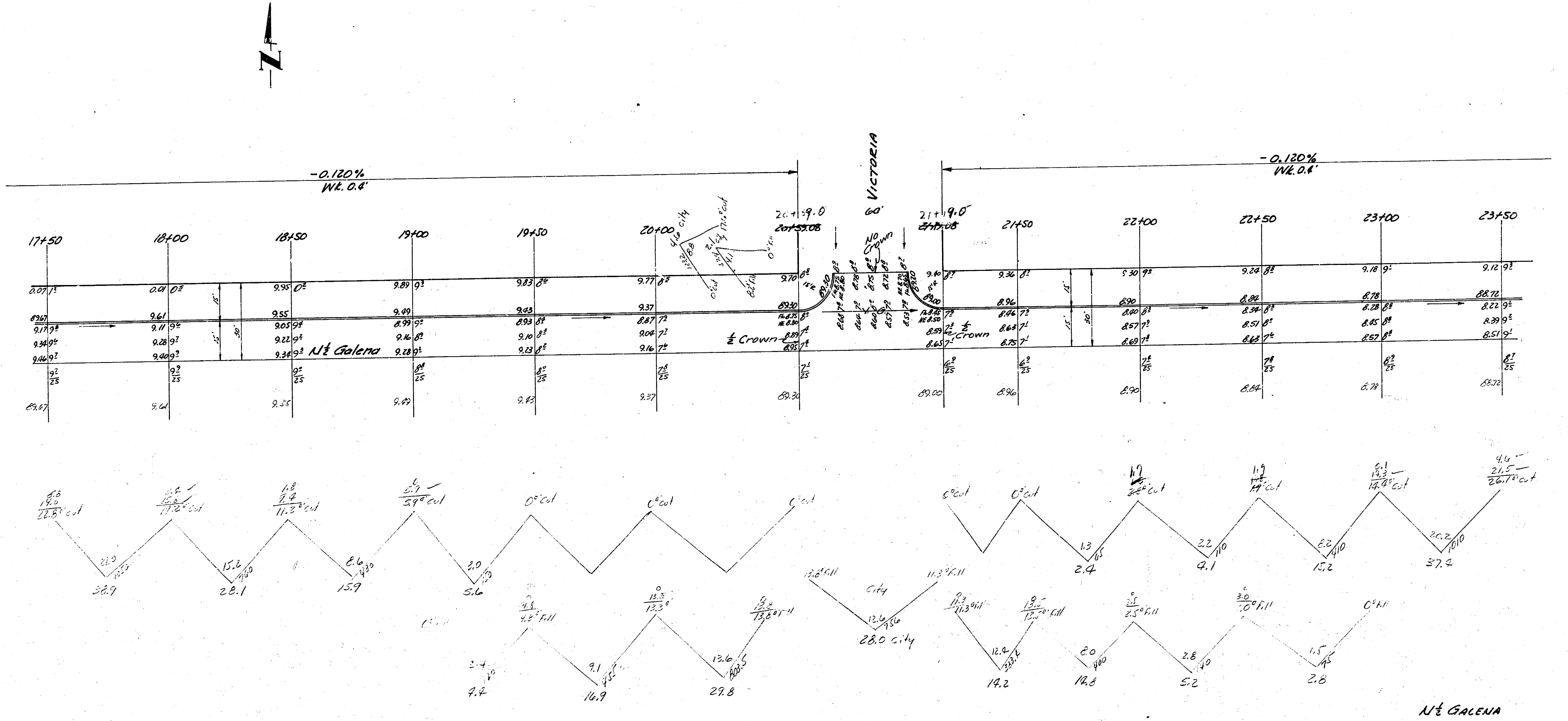
N½ Galena
W.L. Washington To W.L. Hydraulic
Proj No. C15-221

Excav.		Fill	
Prop.	City	Prop	City
377.6 Cu. yd.	74.7 Cu. yd.	0	0


N
PATTIE
- 0.327%
Wk. 0.0'
- 0.120%
Wk. 0.0'
60'
11+50
12+00
12+50
13+00
13+34.08
13+94.08
14+50
15+00
15+50
16+00
16+50
17+00
17+50
N½ Galena
½ Crown
No Crown
½ Crown
City
35.1 City
11.1 cut
20.5 cut

N½ GALENA
W.L. WASHINGTON TO W.L. HYDRAULIC
PROJ. NO. C15-221

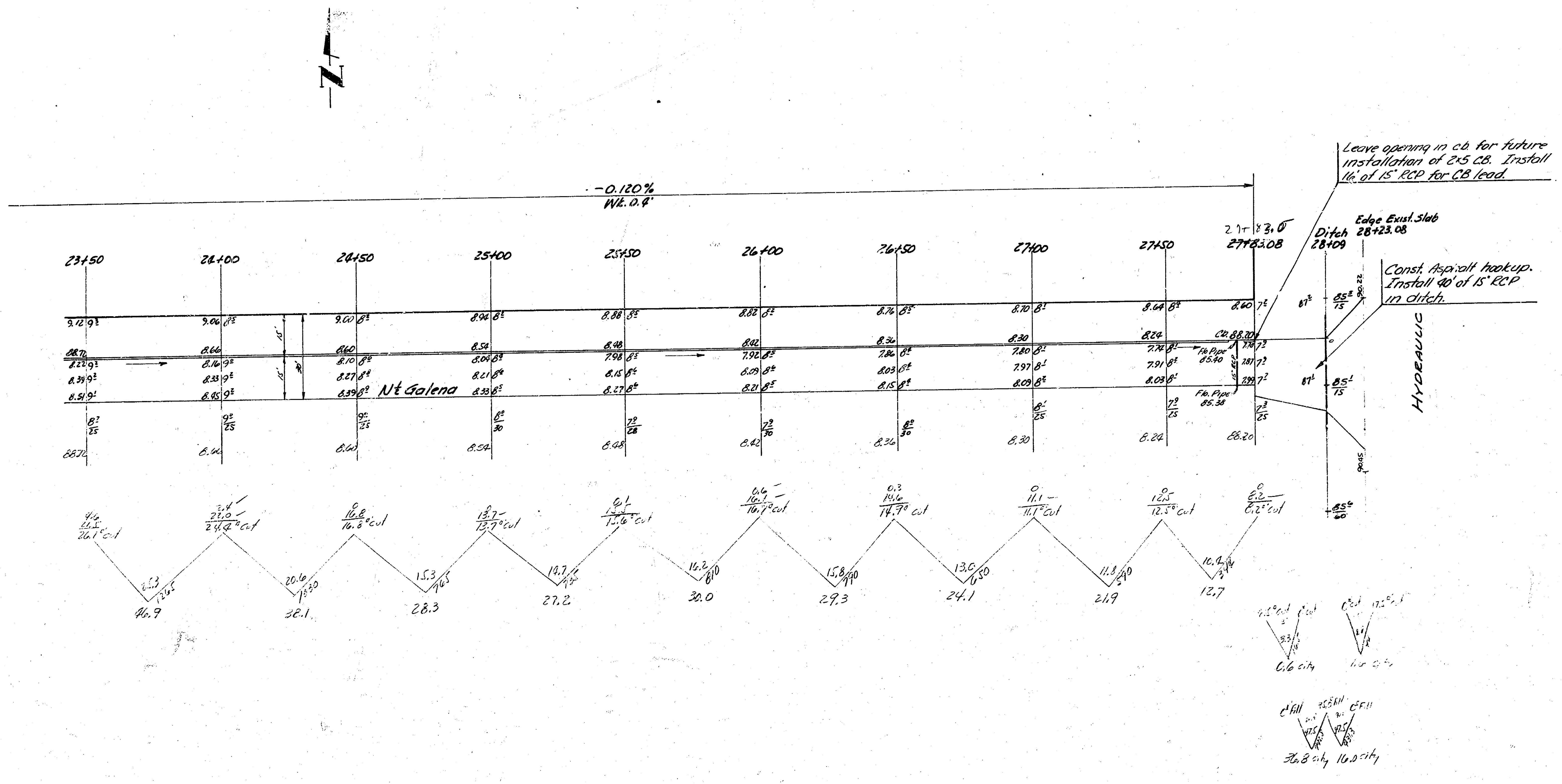
Excav.		Fill	
Prop	City	Prop	City
147.6 cu. yd.	4.6 cu. yd.	88.1 cu. yd.	30.1 cu. yd.


N
-0.120%
Wt. 0.4'
VICTORIA
60'
17+50
18+00
18+50
19+00
19+50
20+00
20+39.0
21+19.0
21+50
22+00
22+50
23+00
23+50
N½ Galena
½ Crown
No Crown
0° Cut
City
28.0 City

4/5

N½ GALENA
W.L. WASHINGTON TO W.L. HYDRAULIC
PROJ. NO. C15-221

Excav.		Fill	
Prop.	City	Prop	City
258.5 cu. yd.	0	0	0


N
-0.120%
Wt. 0.4'
23+50
24+00
24+50
25+00
25+50
26+00
26+50
27+00
27+50
27+83.08
Ditch 28+09
Edge Exist. Slab 28+23.08
N½ Galena
Flo Pipe 85.40
Flo. Pipe 85.38
15" RCP
Cb. 88.70
HYDRAULIC
90.22

Leave opening in cb. for future installation of 2x5 CB. Install 16' of 15" RCP for CB lead.

Const. Asphalt hookup. Install 40' of 15" RCP in ditch.

5/5

N½ GALENA
W.L. WASHINGTON TO W.L. HYDRAULIC
PROJ. NO. C15-221