

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Road Map Survey

NEW BRIGHTON ROAD

From Co. Rd. "A" To S. T. H. 8

Road Acc't. No. 16

te Filed.....

File.....

586E

Alignment Notes
for
County Rd #16.

New Brighton Rd
from
Co. Rd A. to Cleveland
&
New Brighton Rd.

C. Brettschneider
J. Sommers
L. Dufour
T. Gleason.

Station Point Lt & Rt

26+04.34 P.I. Center of Section #16

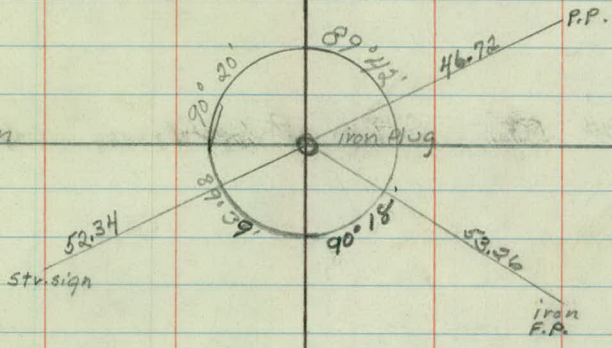
19+33.98 P.O.T.

0+00 P.I. S.E. Cor. of S.W. 1/4 of sec. #16

Road.

Rosclawn

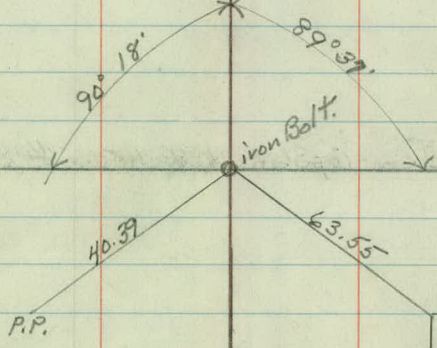
Ave.



Brighton

Larpenier

Ave.



New

Porch.
Cor. Foundation

Sta	Point	Lt.	$\frac{1}{2}$ RT.
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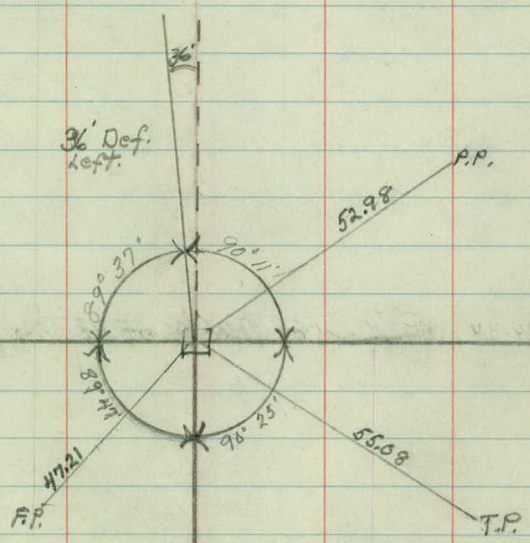
66+80.40	P.I.	S.T.H.	#36
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52+56.13	PI	0° 36'	NE. Co. of N.W. 1/4 Sec #16
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Stillwater

Approx. 90°

Rd.

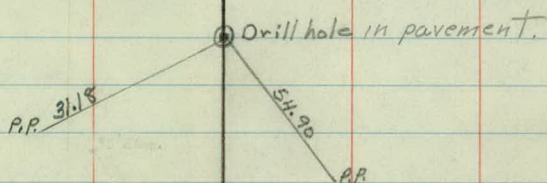
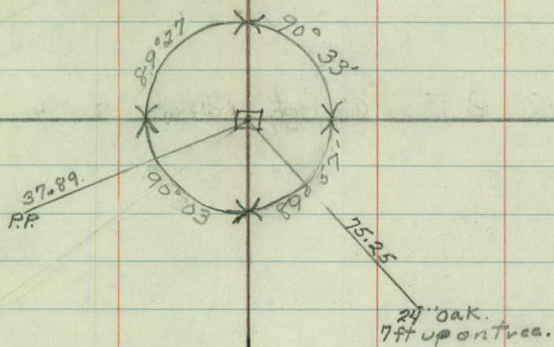


Sta Point Lt. $\frac{1}{2}$ Rt.

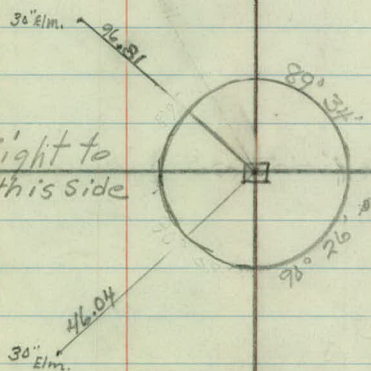
105+29.3 P.I. $0^{\circ}31'$ N.E. Cor. of N.W. $\frac{1}{4}$ Sec. #9

89+00 P.O.T.

78+94.34 P.I. Center Sec. #9



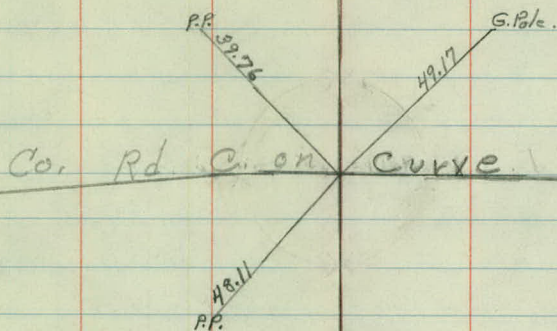
No sight to
turn Δ this side



Sta Point Lt. \$ Rt.

107+88.55 P.I. County Road C.

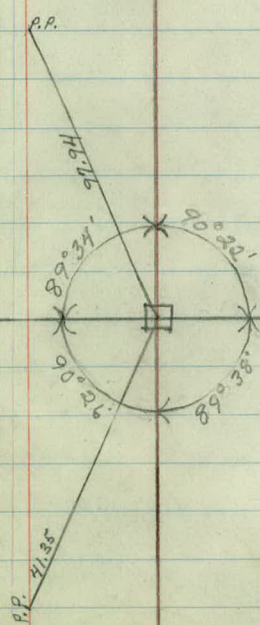
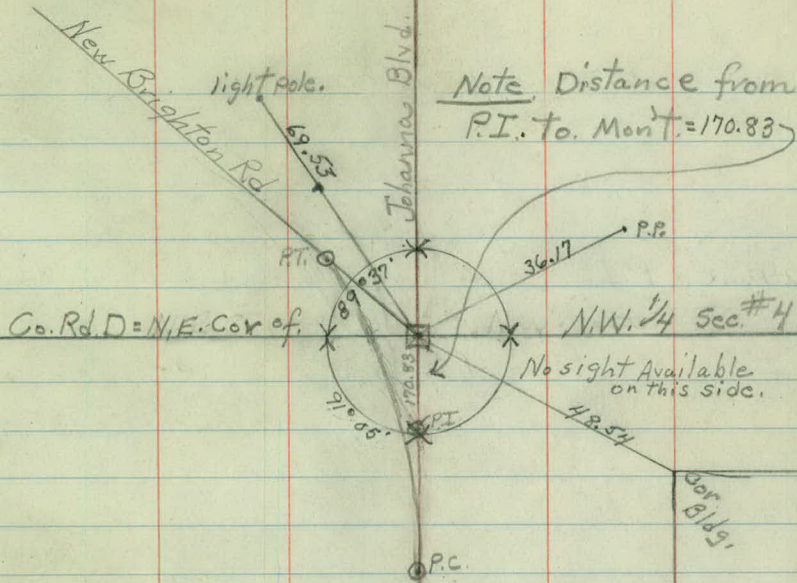
107+68.35 P.I. R.R. Crossing Single Track.



Track is on long flat curve

Sta	Point	Lt.	°	Rt
160+91.18	P.T.	12° 38'		$\Delta = 25^{\circ} 17'$
160+50		10° 34'		$D = 12^{\circ} L.$
160+00		7° 34'		$T = 107.28$
159+85.83	P.I.			$L = 210.69$
159+50		4° 34'		$R = 478.34$
159+00		1° 34'		
158+80.49	P.C.	0° 00'		

131+72.77 P.I. Center of Sec. #4.



Sta Point Lt & Rt

802+12.22 P.I. $0^{\circ} 1' 30''$ Co. Rd. E.

89+80.83 P.T. $12^{\circ} 59'$

89+50 $10^{\circ} 40'$ $\Delta = 25^{\circ} 58'$

$D = 15^{\circ}$

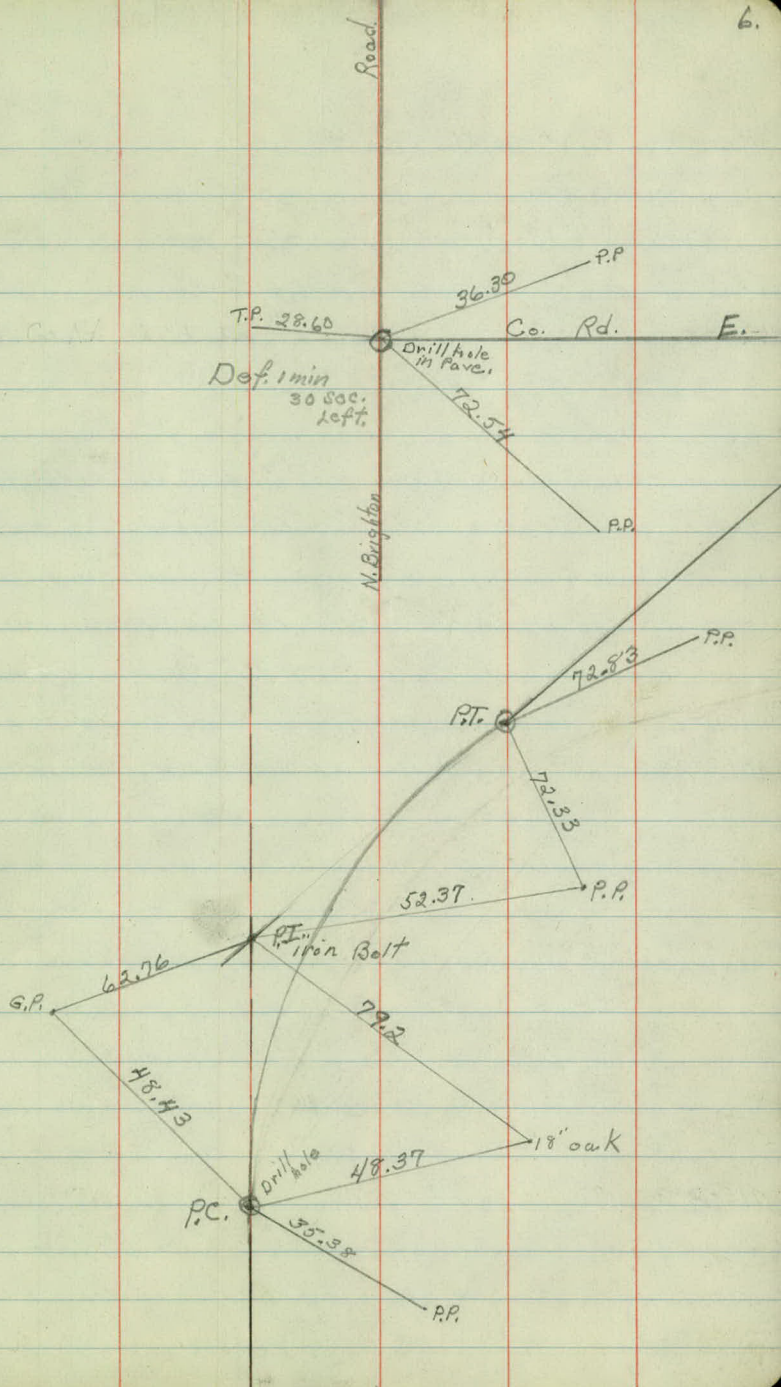
89+00 $6^{\circ} 55'$ $T = 88.20$

$L = 172.88$

88+94.39 P.I. $R = 383.07$

88+50 $3^{\circ} 10'$

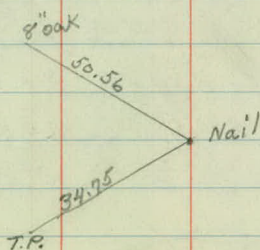
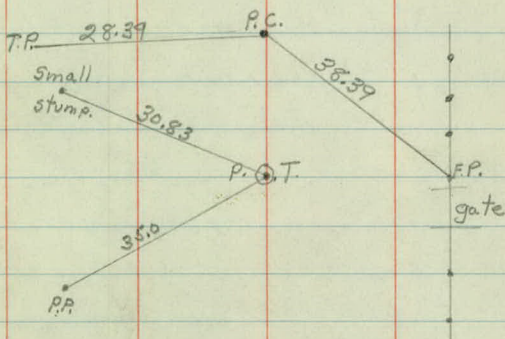
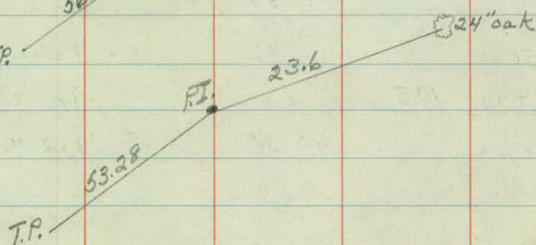
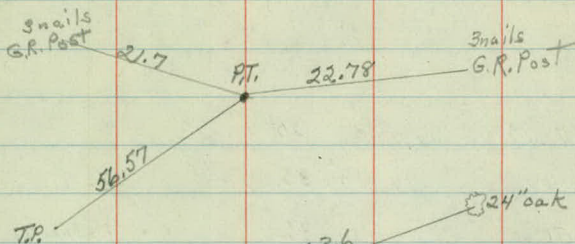
88+07.95 P.C. $0^{\circ} 00'$



Sta.	Point	Lt.	Rt.
242+73.47	PT	44° 38'	
242+50		41° 13' 30"	$\Delta = 89° 16'$
242+00		33° 58' 30"	$D = 29°$
241+50		26° 43' 30"	$T = 197.10$
241+24.57	PI		$L = 307.80$
241+00		19° 28' 30"	$R = 199.7$
240+50		12° 13' 30"	
240+00		4° 58' 30"	
239+65.67	P.C.	0° 00'	

228+21.28 P.O.T.

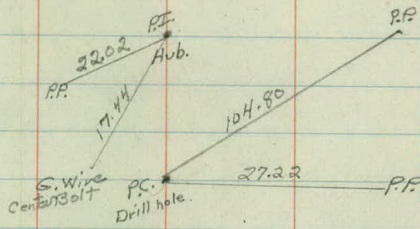
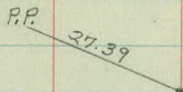
215+30.83 P.I. 0° 36' So. of trestle.



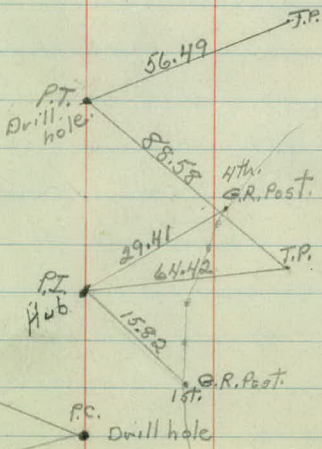
Station Point Lt. & Rt.

260+43.22	P.T.	23° 54'	
260+00		19° 35'	$\Delta = 47^\circ 48'$
259+50		14° 35'	$D = 20^\circ \text{ Lt}$
259+23.72	P.I.		$T = 127.52$
259+00		9° 35'	$L = 239.00$
258+50		4° 35'	$R = 287.94$
258+04.22	P.C.	0° 00'	

251+68.96	P.T.	23° 59'	
251+50		22° 5' 30"	
251+00		17° 5' 30"	$\Delta = 47^\circ 59'$
250+50		12° 5' 30"	$D = 20^\circ \text{ Rt. Corr.} = 19 \text{ for } 50$
250+49	P.I.		$T = 128.14$
250+00		7° 5' 30"	$L = 239.91$
249+50		2° 5' 30"	$R = 287.94$
249+29.05	P.C.	0° 00'	

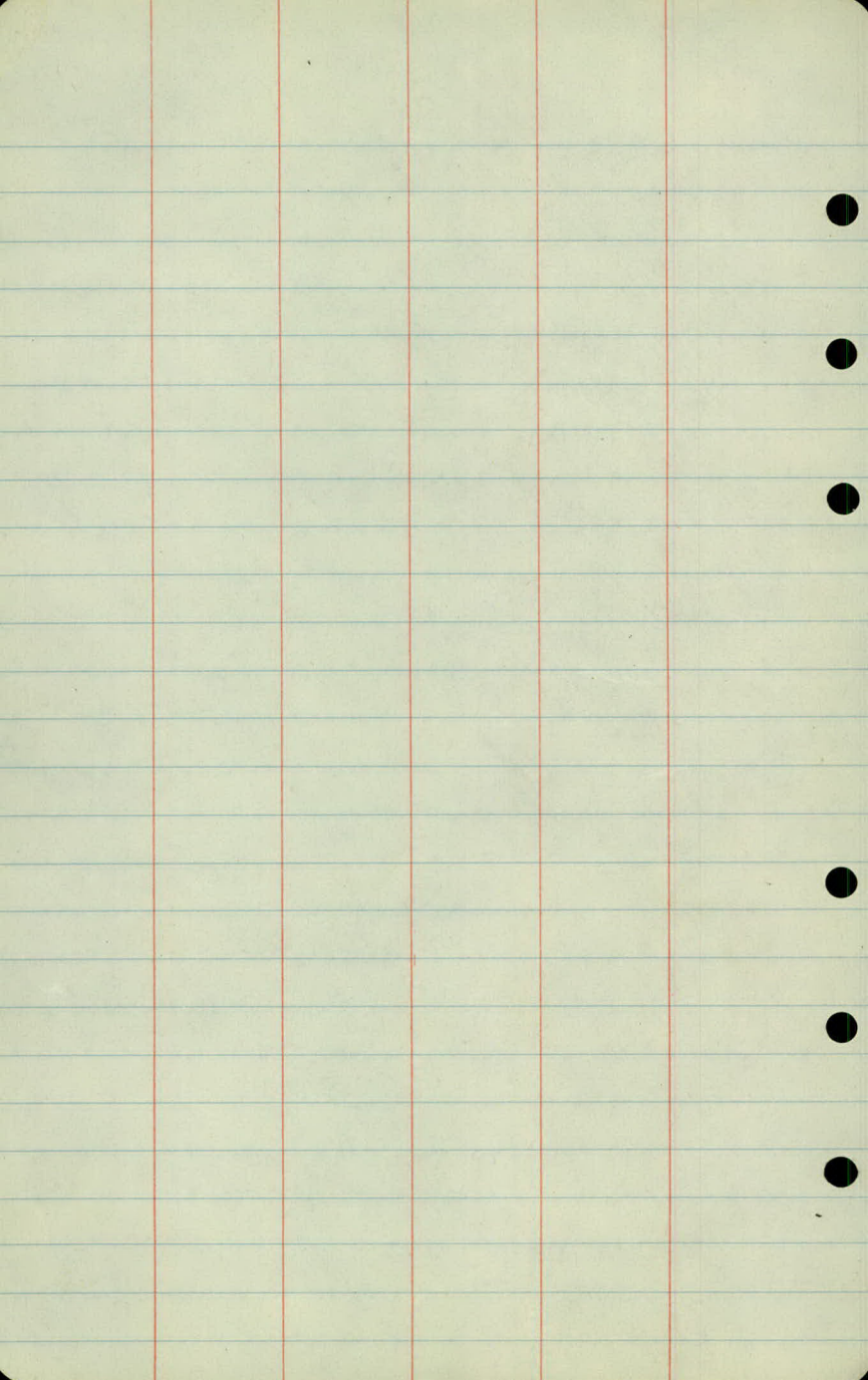


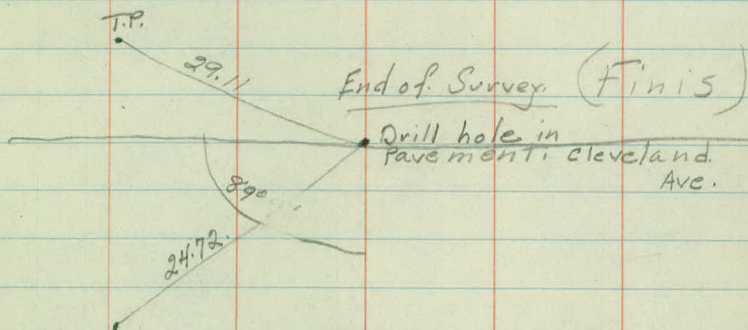
[x]

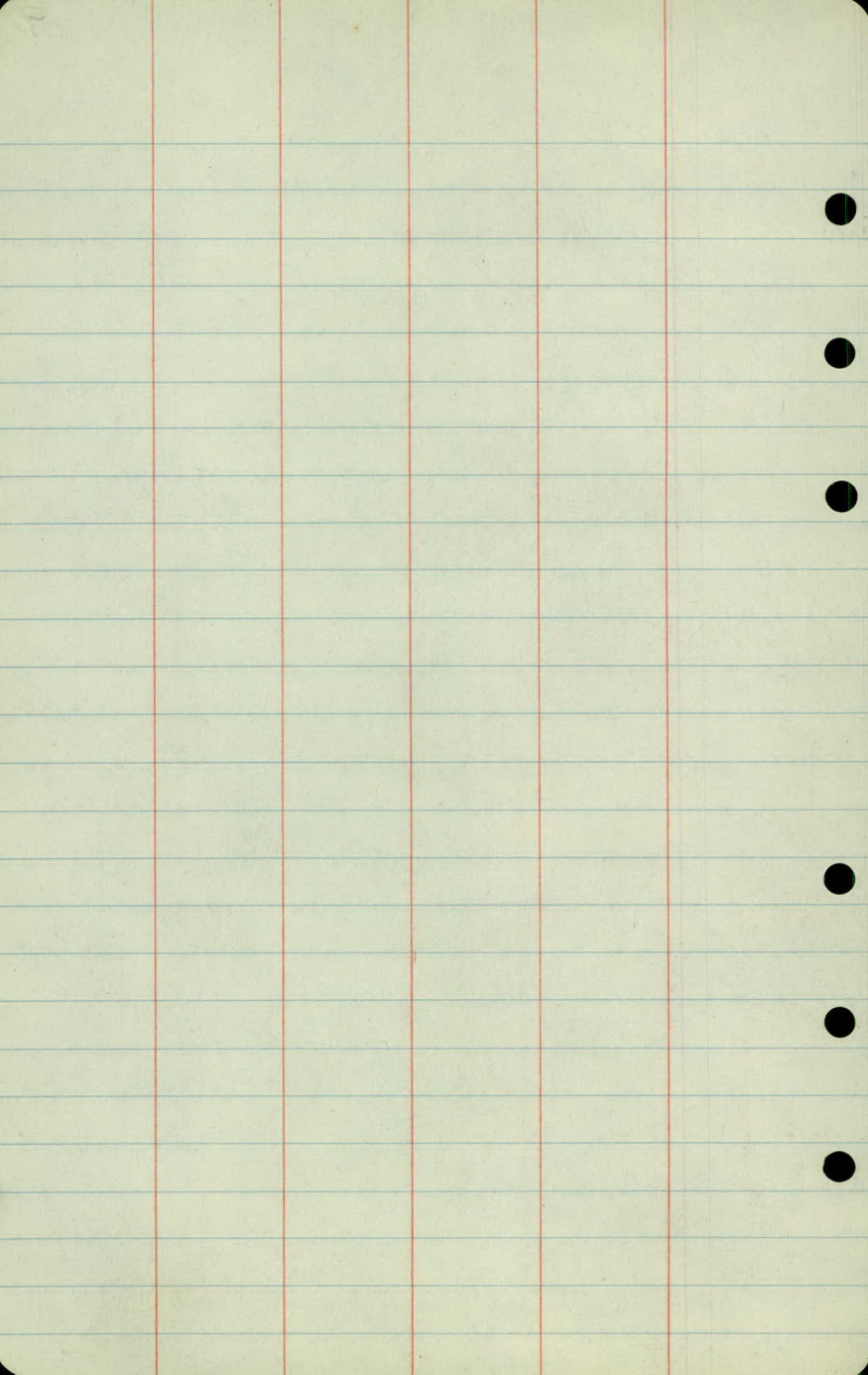


Cor. Station

9407







Topography Notes
for

Co. Rd # 16.

New Brighton Rd.

Co. Rd A. to Cleveland

&

New Brighton Rd.

C. Brettschneider

J. Sommers

L. Dufour

T. Gleason.

		Lt	&	Rt
42+00		10.0	9.0	
40+00		11.0	9.0	
39+02				
38+00		11.0	9.0	
36+00		12.0	8.0	
34+00		11.0	9.0	
32+00		10.0	9.0	
30+49	X.Rd. Sign	20.0		
30+00		10.0	10.0	
28+53	Culvert under road.			
28+00		10.0	10.0	
26+04.34	P.I. Roselawn Ave. W.			
24+00		9.0	10.0	
22+00		10.0	10.0	
21+88	Drive			
21+71		20.0		X Rd. Sign
20+00		10.0	10.0	
19+33.98	P.O.T.			
18+72				
18+00		9.0	10.0	
17+11	Drive			
16+00		8.0	10.0	
14+00		8.0	12.0	
12+00		8.0	12.0	
10+00		8.0	12.0	
8+00		8.0	12.0	
6+00		8.0	12.0	
4+00		8.0	12.0	
3+57	X Rd. Sign	27.0		
2+00		8.0	12.0	
0+45		26.0		Tractor Sign.
0+32	Stop Sign.	29.0		Culvert under Road.
0+00	P.I. New Brighton Rd. & Carpenter.			

← 30" 48.0 Conc.

← 24" 48.0 Conc.

Iron Bolt

Nail 37.35 P.P.

Black Top

30" 68.0 Conc.

Larpenter

iron bolt.

Ave.

LT & RT

78+94.34 Monument Center Sec. 9.

78+00 10.0 10.0

76+00 10.0 10.0

74+00 10.0 10.0

72+92.67 P.O.T.

72+42 Culvt under road

72+18 Stop Sign 15.0

72+00 10.0 10.0

70+00 10.0 10.0

68+00 10.0 10.0

67+30 Stop Sign 20

66+80.40 P.I. T.H. #36

66+25 18.0 Stop Sign

66+00 10.0 10.0

65+15 Culvt under road

64+00 10.0 10.0

62+00 10.0 10.0

60+59 18.0 Stop Sign

60+00 10.0 10.0

58+00 10.0 10.0

56+82 X Rd Sign 21.0

56+00 10.0 10.0

54+62 Spillway Culvt. Spillway Culvt.

54+00 10.0 10.0

52+96 Stop Sign 25.0

52+56.13 P.I. Co. Rd. B.

52+27 27.0 Stop Sign

52+00 10.0 11.0

50+00 10.0 11.0

48+86 26.0 X Rd Sign

48+00 10.0 11.0

46+00 10.0 11.0

44+00 12.0 9.0



P.O.T.
60' long.
30" Conc.



T. H. # 36

Pavement

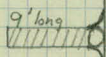
60' long
30" Conc.



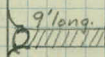
Concrete

10' corr. iron

9' long



9' long



10' corr. iron

Co. Rd.

Granite Monument

B.

Black top

	LT	&	RT	
105+29.30 Monument	M.E. Cor. Sec. 9.			
104+00	10.0	10.0		
103+61 Spillway Culvt.				
102+26		14.5		X Road & R.R. Sign
102+00	10.0	10.0		Spillway Culvt.
100+00	10.0	10.0		
98+00 Driveway	10.0	10.0		
97+07 Culvt under road.				
96+75 Spillway Culvt.				
96+65				Spillway Culvt.
96+15				Driveway
96+00	10.0	10.0		
94+00	10.0	10.0		
93+25 Spillway Culvt				Spillway Culvt.
92+21 High Tension	1 line	crosses overhead.		
92+00	10.0	10.0		
90+00	10.0	10.0		
89+58				Driveway
89+00 P.O.T.				
88+40 Slow Sign	15.5			
88+30				Drive Way
88+00	10.0	10.0		
86+49				Driveway
86+00	10.0	10.0		
85+00				Drive Way
84+00	10.0	10.0		
83+52				Drive Way
82+00	10.0	10.0		
81+40 Privt. Drive Way				
81+20				Privt Drive Way
80+75 Spillway Culvt.				
80+60				Spillway Culvt
80+16		15.0		Slow Sign
80+00	10.0	10.0		

12" Corrg. 11.0 long

8.0 long 12" Corrg.

16.0

54.0 long
30" Corrg

12" Corrg 5.0 long

8.0 long 12" Corrg

12" Corrg. 8.0 long

8.0 long 12" Corrg.

P.O.T.

Concrete

10" Corrg. iron. 9' long

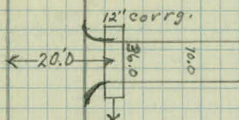
9' long 10" Corrg. iron

	St. & St.	
144+69	Side Road.	into woods
144+00	10.0	10.0
142+00	10.0	10.0
140+93		20.0 Side Rd Sign.
140+00	10.0	10.0
139+00		Driveway
138+00		
136+60		
136+00		
134+00		
132+53	Culvert under Rd.	
132+51		Spillway Culvt.
131+72.77	P.I. Co. Rd. C.2.	Monument.
130+00	10.0	10.0
128+00	10.0	10.0
126+00	10.0	10.0
124+00	10.0	10.0
122+00	10.0	10.0
120+35	Driveway	
118+90	Culvert under Rd.	
118+56	Spillway Culvt	Spillway Culvt.
118+00	9.8	10.2
116+00	9.8	10.2
114+00	9.7	10.3
112+00	9.7	10.3
110+66	X Rd. + R.R. X Sign	15.0
110+47	Culvt under Rd.	
108+67		
107+88.55	P.I. County Rd. C.	Drill hole in Pavé.
107+57		24.0 Co. Rd. C. Sign
107+02.35	P.I. R.R. Track.	Single Track.
106+00	10.0	10.0

No Culvert

12" Corr.

8.0' long.



66.0' long.
30" Conc.

8.0' long.

12" Corr.

Concrete

52' long
30" Conc.

12" Corr.

11.0' long.

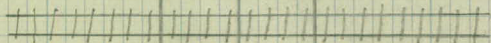
11.0' long.

12" Corr.

52' long
30" Conc.

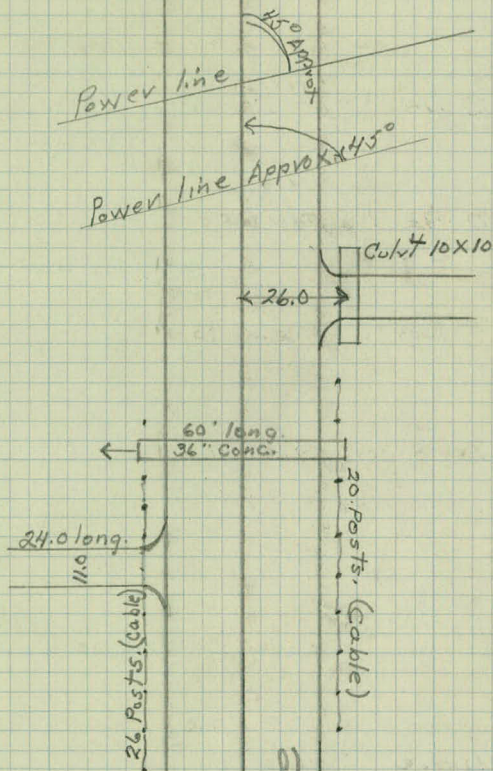
10" Corr.

11.0' long.



	LT.	&	RT.
162+00	10.0		10.0
160+92.0 Stv. Sign	26.0		
160+91.18 RT.			
160+58.68 P.I. Co. Rd. D.			
159+85.83 P.I.			
158+80.49 P.C.	12°	to	Left.
158+25			
158+00	9.8		10.2
157+00	9.8		10.2
156+08 Driveway			
156+00	9.8		10.2
155+60			
			Driveway
155+22			
		16.0	X Rd. & School sign
154+52			
154+00	9.7		10.3
152+25 Driveway			
152+00	9.7		10.3
151+85			
			Driveway
151+41			
			Driveway
151+10			
			Spillway Culvt.
150+00	9.6		10.4
148+72 Culvert under road			
148+46			
			Spillway Culvt.
148+33 Spillway Culvt.			
148+00	9.9		10.1
147+76 Side Rd. Sign	16.5		
146+38			
			Spillway Culvt.
146+00	9.9		10.1
144+89.3 P.I. Road on Right			

	Lt. & Rt		
192+00	9.5	10.2	
191+00	9.5	10.3	
190+00	9.5	10.2	
189+80.83 P.T.	10.4	12.15	
189+50	9.4	13.5	
189+00	9.5	13.4	Power line Crossing
188+94.39 = P.I.			
188+50	9.1	13.8	Power line Crossing
188+07.95 = P.C. Right	8.8	12.5	
188+00	10.0	10.0	
186+10			Drive & Stone Bridge Culvt under drive
186+00	10.0	10.0	
185+88			End of G. Rail
185+58 End G. Rail	15.0		
184+29 Conc. Culvt			under Road.
184+25 Conc. Spillway			
184+00	10.0	10.0	
183+71		18.0	Curve Sign
184+00	10.0	10.0	
183+62		15.0	Bag. G. Rail
182+62 Beg. G. Rail	14.0		
182+00	10.0	10.0	
180+00	10.0	10.0	
178+00	10.0	10.0	
176+00	10.0	10.0	
174+00	10.0	10.0	
172+00	10.0	10.0	
170+00	10.0	10.0	
168+00	10.0	10.0	
166+00	10.0	10.0	
164+44 X Rd. Sign	16.5		
164+00	10.0	10.0	



Lt. & Rt.

203+65 Drive

203+16 Drive

202+28 Drive

202+12.22

P.I. Co. Rd. E.

200+25

200+00

9.9 10.1

199+16

17.0 Side Rd. Sign

198+64 Drive

198+14 Drive

198+00

9.8 10.2

197+22 Drive

197+08 Drive

196+42 Drive

196+00

9.6 10.4

195+14 Drive

194+00

9.8 10.2

192+20

Drive

No Culvt.

No Culvt.

No Culvt.

• Drill hole
in pav.

Co. Rd.
E.

No Culvt.

No Culvt.

No Culvt.

No Culvt.

No Culvt.

No Culvt.

No Culvt.

Concrete

No Culvt.

continued
next page.

216+33 Culvt under road

215+73 15.0 Beg G.R.

215+72 Beg G.R. 14.9

215+30.83 P.I.N. Sec. line of Sec. 33, Defl. to left.

214+18 End G.R.

214+00 10.0 10.0

213+65 Culvt Under Rd.

212+00 10.0 10.0

210+00 10.0 10.0

209+69 Beg G. Rail 15.0

209+35 Drive

208+73.00 Cross Road. No Name.

208+00 10.0 10.0

207+87 Drive

206+57

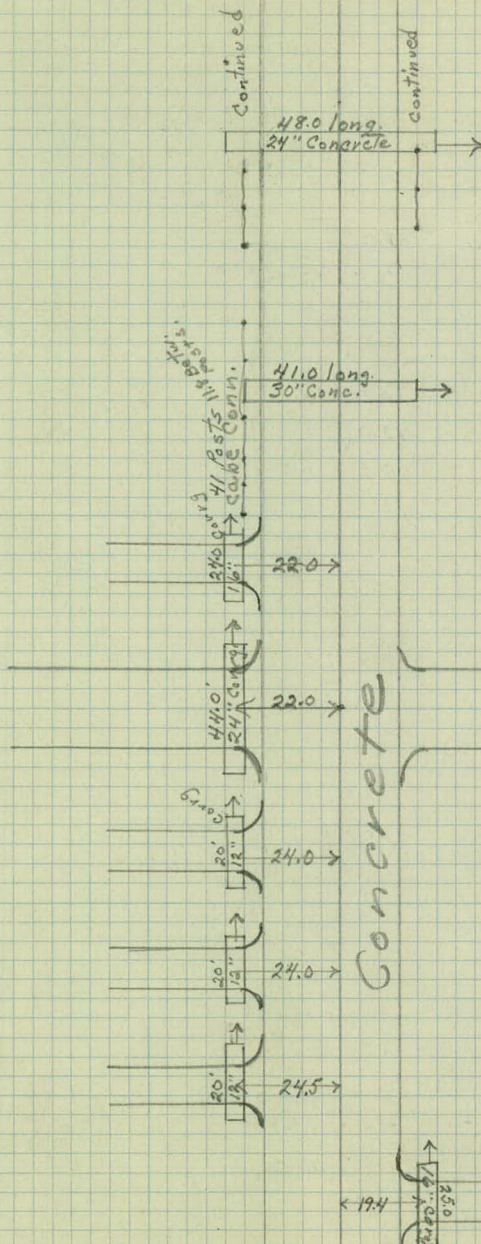
206+00 10.0 10.0

205+87 Drive

205+64 Side Rd. Sgn 23.0

204+00 10.0 10.0

203+85 Drive



Lt. & Rt.

226+12

226+00 10.0 10.0

225+91 End G.R.

224+66 Drive

224+23 Beg. G.R. 15.0

224+00 10.0 10.0

223+79

222+40 End G.R. 15.0 15.0 End G.R.

222+04 Beg. G.R. 15.0

222+00 10.0 10.0

221+86 Drive

221+68 End G.R. 15.0

220+00 10.0 10.0

218+00 10.0 10.0

217+58 Culvt under road.

217+34 End of Culvt 20.0

217+28 End of Culvt 22.0

217+06 Beg. G.R. at Tn Pier

217+03 Beg. G.R. at Tn Pier

216+83 @ Ry Trestle 11.5 11.5

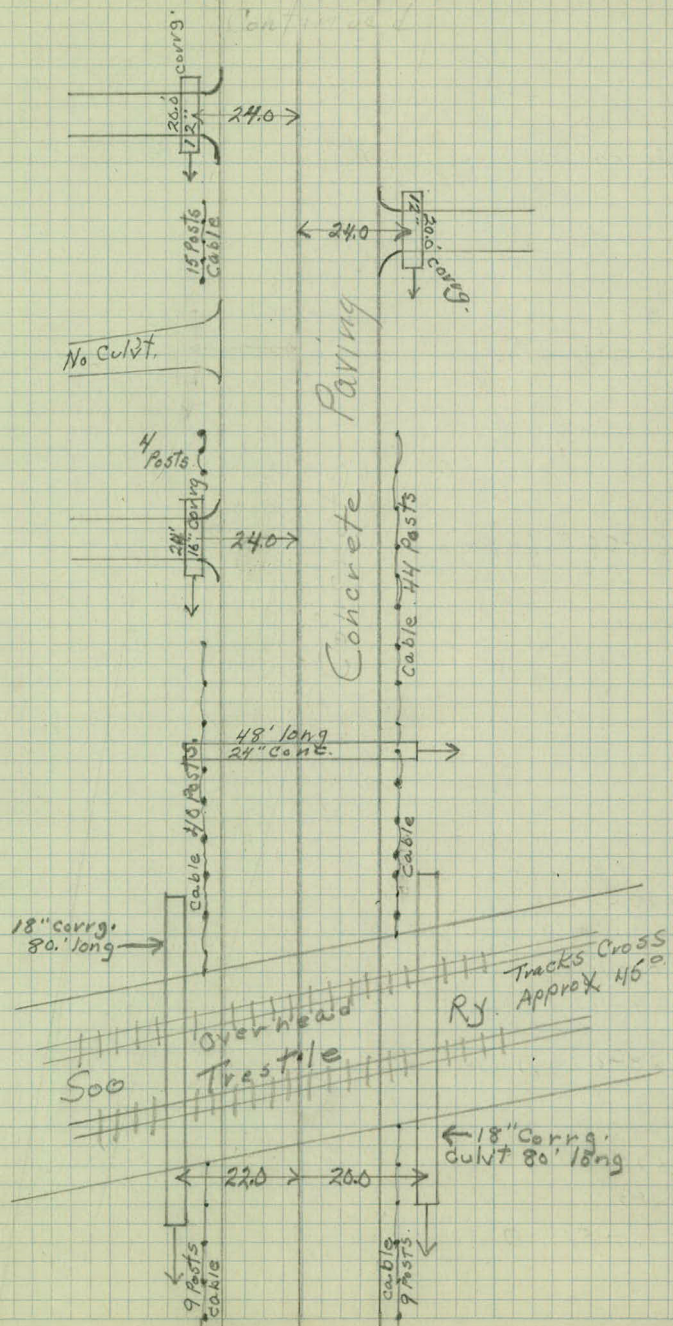
216+76 End G.R. at trestle pier

216+73 End G.R. at trestle. Pier

216+54 20.0 Beg. Culvt.

216+48 Beg Culvt. 22.0

Continued



Lt. & Rt

234+47 Drive

234+66 10.0 10.0

233+80 Drive

232+00 Drive 10.0 10.0

231+19 Drive

230+46 Drive

230+00 10.0 10.0

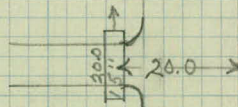
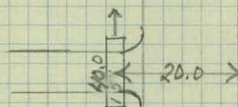
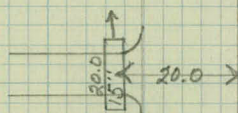
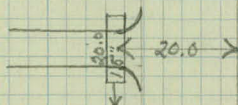
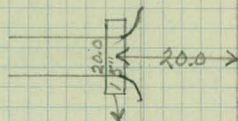
229+92 15.0 Beg G.R.

228+67 Drive

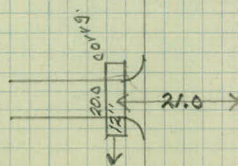
228+21.28 P.O.T.

228+00 10.0 10.0

226+57 Drive



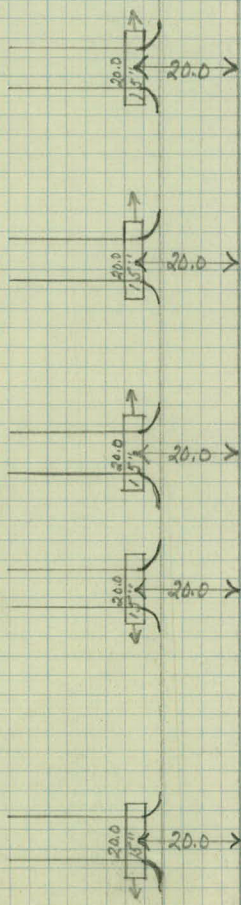
No. Curb 4.



Concrete Paving

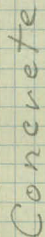
Lt & Rt

242+40		16.0	End. of. G.R.
242+00	15.4	12.5	
241+95		18.0	Reflector. Sign
241+50	15.0	12.6	
241+00	14.65		
240+50	14.85		
240+44		18.0	Red Reflector sign
240+00	14.3	11.5	
239+50		14.3	beg G.R.
239+65.67 P.C.	12.2	18.5	
239+46 Drive			
238+00			
237+54 Drive			
236+75 Drive			
236+27 Drive			
236+00			
235+71		16.0	Winding Rd. Sgn.
235+20		16.0	Curve. Sign
235+08		15.5	End. G.R.
235+00 Drive	10.0	10.0	



Concrete. Paving

253+12	End. G.R.	16.0	
252+00			
251+68.96	P.T.	9.8	12.5
251+50		9.8	13.0
251+00		10.1	13.6
250+50		10.1	14.2
250+40	Beg. G.R.	16.0	
250+13	Drive		
250+00		10.2	13.3
249+50		10.4	12.9
249+29.05	P.C.		
249+00		10.4	11.5
248+00		10.2	9.8
247+26		10.2	9.8
			End G.R.
247+00		10.2	9.8
246+93	Drive		Curve Sign.
246+73	End G.R.		
246+00		10.2	9.8
245+48	Culvt under Rd.		
245+03	Spillway Culvt		Spillway Culvt.
245+00		10.2	9.8
244+00		10.2	9.6
243+00		10.2	9.6
242+77.			Beg G.R.
242+73.47	Beg G.R.		
242+73.47	P.T.	12.3	9.7
242+60			Drive
242+50		15.2	11.7



End of Survey & Cleveland Ave.

269+73.61 Drill hole in pavement

268+15

Pub Alley

268+00

10.0 10.0

267+90

Drive

266+47

Drive

Pub street 66 ft.

266+00

10.0 10.0

264+83

Pub. Alley

264+00

10.0 10.0

263+31 Drive.

263+21

Roadway

263+12 Winding Rd sign

16.0

262+00

10.0 10.0

260+43.22 P.T

11.8 10.2

260+00

13.0 11.7

259+90

Roadway

259+50

13.4 10.8

259+00

13.6 10.1

258+50

13.6 10.2

258+04.22 P.C.

9.5

258+00

10.0 10.0

256+00

10.2 9.8

254+41 Curve. Sgn.

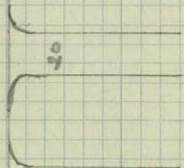
16.0

254+00

10.2 9.8

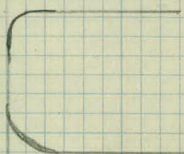


Concrete Paving



20

Pub. Street



30



30

