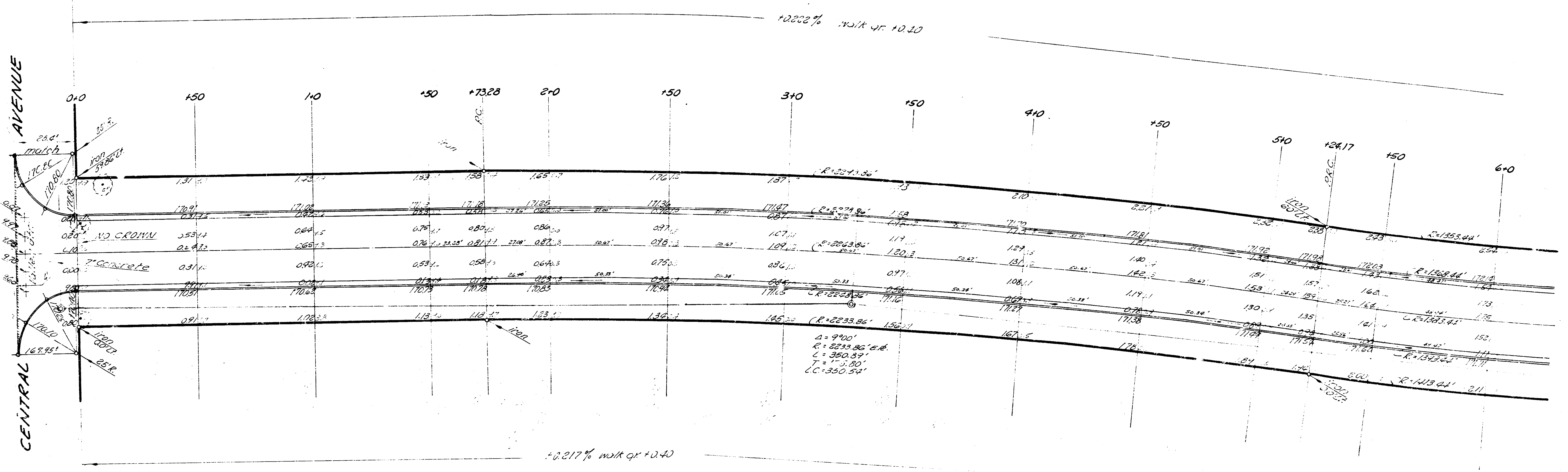
Scale = 1" = 20'

NOTE: Sanitary Sewer to be constructed prior to paving.

B.M. 169.81 R.R. Spike, N.S. Transformer Pole, S.S. Central, 25' E. Longford Lane N.
B.M. 174.64 "+" top s.curb Tipperary - 0.3' w. of w.end radius, S.W. Longford Lane & Tipperary.

Base Line = E.R. Longford Lane


+0.202% walk gr. +0.40
CENTRAL AVENUE
0+0
+50
1+0
+50
+73.28
P.C.
2+0
+50
3+0
+50
4+0
+50
5+0
+24.17
P.R.C.
+50
6+0
NO CROWN
7" Concrete
match
Iron
R.=2248.86'
R.=2233.86'
Δ = 9°00'
R. = 2233.86' E.R.
L = 350.89'
T = 175.80'
L.C. = 350.54'
+0.217% walk gr. +0.40

CURVE DATA BASED ON E.R. RAD. = 2233.86' Δ = 9°00'

Sta.	Arc	Chd. Lngth 8° @ E. Curb	Chd. Lngth 8° @ W. Curb	Defl.	T. Defl.
P.C. 1+73.28	-	-	-	0°00'00"	0°00'00"
2	26.72	26.76'	27.31'	0°20'34"	0°20'34"
+50	50.0'	50.15'	51.18'	0°38'28"	0°59'02"
3		"	"	"	1°37'30"
+50		"	"	"	2°15'58"
4		"	"	"	2°54'26"
+50		"	"	"	3°32'54"
5	50.0'	50.15'	51.18'	0°38'28"	4°11'22"
P.R.C. +24.17	24.17'	24.16'	24.65'	0°18'36"	4°29'58"

Earthwork Quantities

Compacted Fill Prop.	Compacted Fill City	Excavation Prop.	Excavation City
89.4	18.1	2942.1	22.1
8.9 (+10%)	1.8 (+10%)	294.2 (+10%)	2.2 (+10%)
98.3 C.Y.	19.9 C.Y.	3236.3 C.Y.	24.3 C.Y.

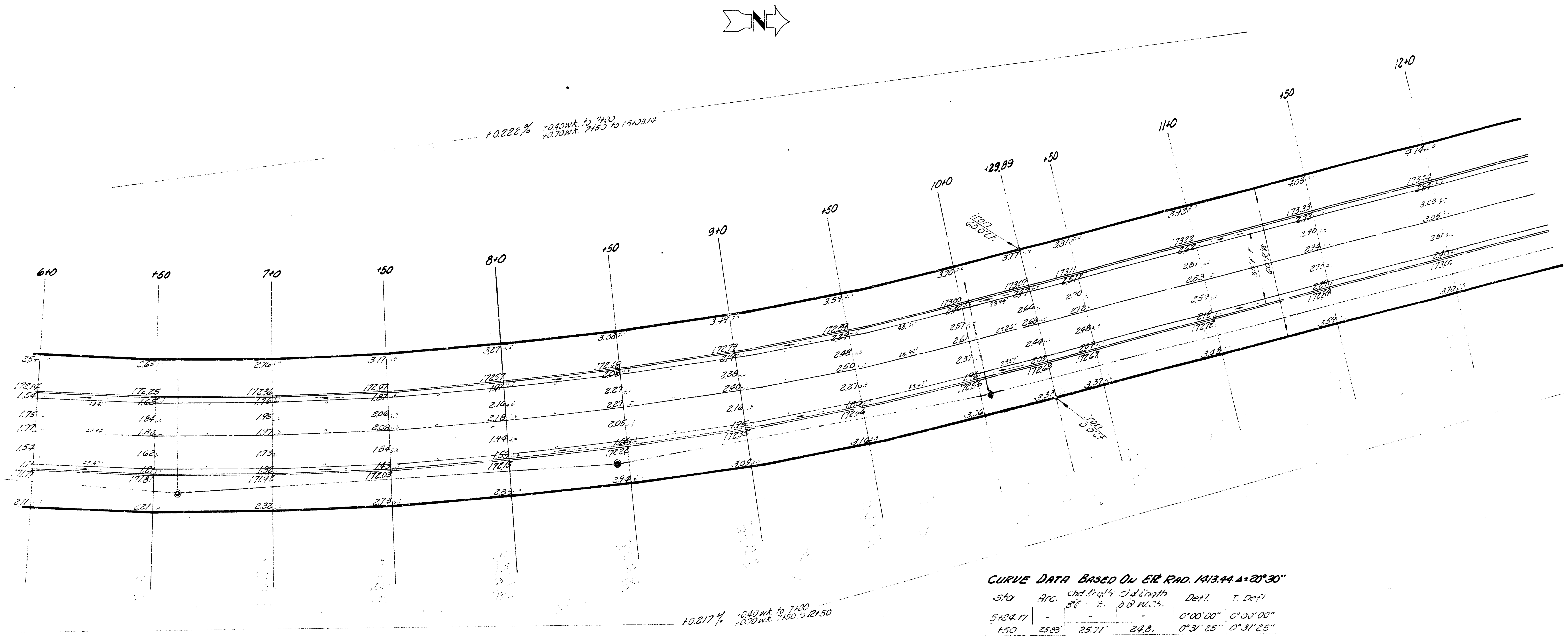
LONGFORD LANE

N.L. Central Avenue to S.L. Tipperary

26'-8'-30' Asphaltic Concrete Pavement

City of Wichita, Kansas

B.E. Smith City Engineer
Date: Oct. 1953 Proj. No. C11-58 1/3


N
6+0
+50
7+0
+50
8+0
+50
9+0
+50
10+0
+29.89
+50
11+0
+50
12+0
+0.222% +0.40 wk. to 7+00 +0.70 wk. 7+50 to 15+03.14
+0.217% +0.40 wk. to 7+00 +0.70 wk. 7+50 to 12+50

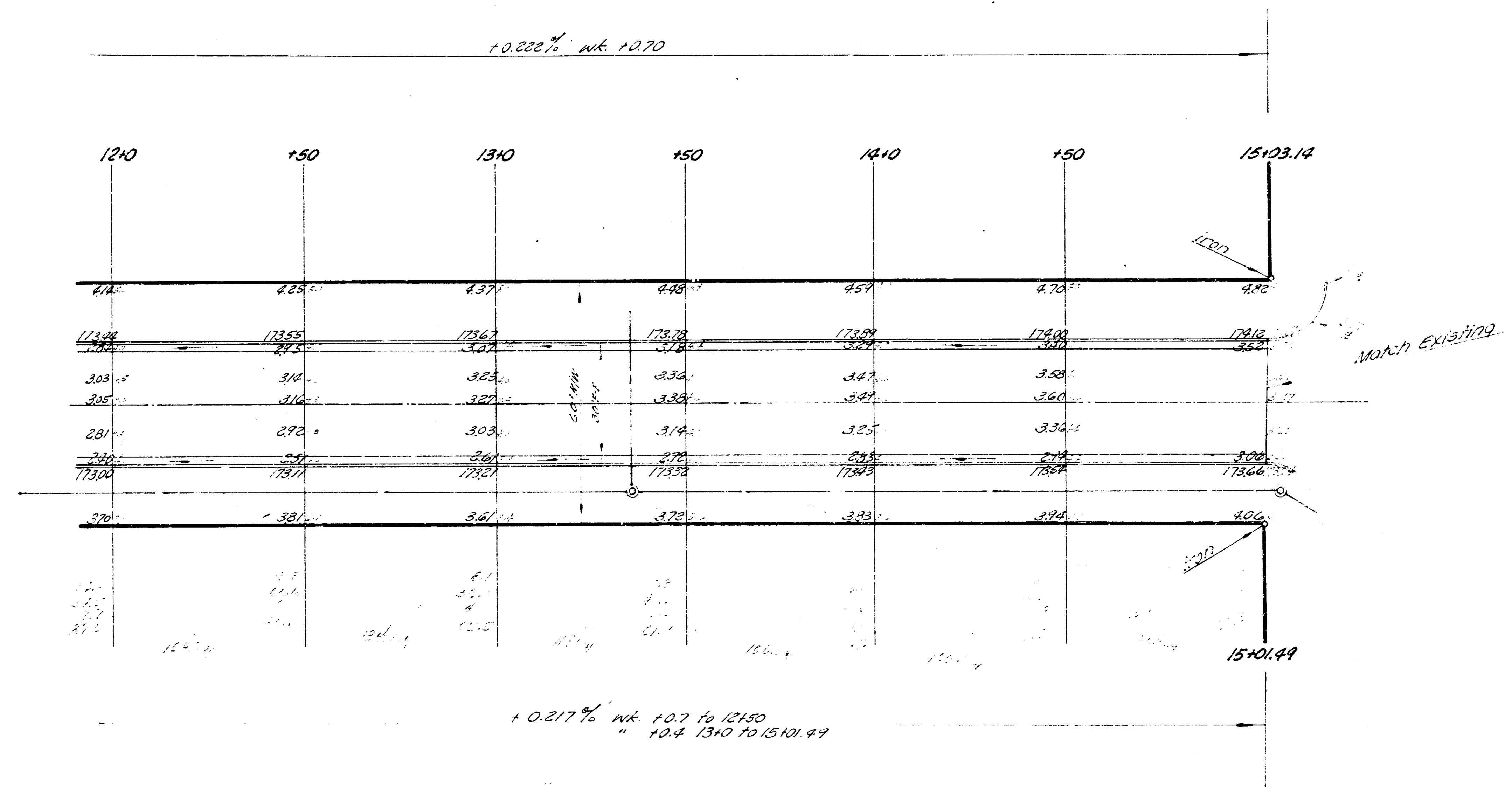
CURVE DATA BASED ON E.R. RAD. 1413.44 Δ=20°30"

Sta.	Arc.	Chd Lngth	Chd Lngth @ W.Ch.	Defl.	T. Defl.
5+24.17	-	-	-	0°00'00"	0°00'00"
+50	25.83'	25.71'	24.8	0°31'25"	0°31'25"
6	50'	49.73'	48.11'	1°00'48"	1°32'13"
+50	"	"	"	"	2°33'01"
7	"	"	"	"	3°33'49"
+50	"	"	"	"	4°34'37"
8	"	"	"	"	5°35'25"
+50	"	"		"	6°36'13"
9	"	"	"	"	7°37'01"
+50	"	"	"	"	8°37'49"
10	50'	49.73'	48.11'	1°00'48"	9°38'37"
+29.89	29.89'	29.73'	28.76'	0°36'21"	10°14'58"

Longford Lane
N.L. Central Ave. to S.L. Tipperary

C11-52

2/3


+0.222% wk. +0.70
12+0
+50
13+0
+50
14+0
+50
15+03.14
iron
4.14
4.25
4.37
4.48
4.59
4.70
4.82
173.44
173.55
173.67
173.78
173.89
174.00
174.12
2.84
2.95
3.07
3.18
3.29
3.40
3.52
Match Existing
3.03
3.14
3.25
3.36
3.47
3.58
3.05
3.16
3.27
3.38
3.49
3.60
60' R/W
30'
2.81
2.92
3.03
3.14
3.25
3.36
2.40
2.51
2.61
2.72
2.83
2.94
3.06
173.00
173.11
173.21
173.32
173.43
173.54
173.66
3.70
3.81
3.61
3.72
3.83
3.94
4.06
iron
15+01.49
+ 0.217% wk. +0.7 to 12+50
" +0.4 13+0 to 15+01.49

Longford Lane
N.L. Central to S.L. Tipperary

C 11-53