Curve #3
Curve Data Based on Face of Curb

Rad. = 200' Delta = 24° 35' 15" Tangent = 43.58'
Arc = 85.84' L.C. = 85.17' Def/Ft. = 8.59302 Min.

Station	Arc	FACE CHORD LENGTHS 8' Rt.	Defl.	T. Defl.
G	–	–	0°00'00"	0°00'00"
H	14.40'	13.82'	2°03'44"	2°03'44"
I	22.68'	21.76'	3°14'53"	5°18'38"
J	22.90'	21.97'	3°16'47"	8°35'24"
K	23.02'	22.08'	3°17'48"	11°53'13"
L	2.84'	2.73'	0°24'24"	12°17'37"

Rad. = … Arc = 2…	
Station	
1+50.00	
1+61.75	
1+75.00	
1+95.60	
2+00.00	
2+25.00	
2+50.00	
2+53.08	
2+75.00	
3+00.00	
3+25.00	
3+50.00	
3+65.42	

P.V.I.
Elev. = 179.00
No V.C.

Sta 0+50.00

Sta 0+50, 34' Lt.
Install R1-1
(Stop) sign.

+0.539%

Sta 1+42.96

Sta. 0+54 & 0+86, 1' Rt.
Install R4-7 (Keep Right)
& OM-1 Sign.

Sta 0+93.63-PC

Iron @ BL
Sta 1+10.00

Sta 1+23.91-PT

Construct std. type 1A
inlet hookups & inlet sediment
barriers, both sides (See detail,
sheet 9)

Sta 1+95.60-PC

+0.636%

FOSSIL RIM
ESTATES
3

Construct Std. Comb. Full
Height Curb & Gutter (6-5/8")

Curve #1

Curve #2

Curve #3

Curve #4

Sta 1+50.00-PC

Proposed
Pvm't

RES. "H"

MEADOW PARK

Ex. 24" SNS

Ex. 8" W

Ex. People's G

Ex. OH

Ex. G.

Ex. V.

Ex. PM

Ex. LP

R=20' (Fc)

60'

40.45'

50.87'

40.65'

99.10'

60.52'

117.62'

20.35'

Sta 1+00.80-PC

Sta 1+18.00

Sta 1+17.89-PT

Sta 1+61.75-PCC

Iron @ BL Sta 1+95.60

Sta 2+53.08-PCC

20' Drng. & Util. Esmt.

Existing
Pond

Prop. 4' Walk

Construct 4'
Wide Sidewalk

Construct 5" A.C. Pavement
W/ 5" Reinf. Rock Base.

R=200'

R=332'

R=317'

R=300'

R=283'

R=268'

34' F-F
64' R/W

22' Fc-Fc

24' Fc-Fc
84' R/W

Install four 4" PVC
Pipes (2-28' & 2-30'
Long) Under Pavement.
Cost included in "Site
Clearing & Restoration."

Sta 0+50.00, 27.25' Rt.
Install subdivision benchmark
(Flat Survey Marker No.
8134-08 3" top diameter) in
top of curb. Cost shall be
incidental to L.F. Curb &
Gutter.

+0.714%

Adjust Inlet Top to match
proposed grade. Cost to
be bid as "Inlet Adjustment".
(Both sides)

Match Point

Sta 3+65.42-PRC

-1.145%

P.V.I.
Elev. = 180.50
73.08' V.C.

Curve #2
Curve Data Based on Face of Curb

Rad. = 200' Delta = 4° 54' 05" Tangent = 8.56'
Arc = 17.11' L.C. = 17.10' Def/Ft. = 8.59390 Min.

Station	Arc	FACE CHORD LENGTHS 8' Rt.	Defl.	T. D
D	–	–	0°00'00"	0°00'00"
E	8.55'	8.89'	1°13'29"	1°13'29"
F	8.56'	8.90'	1°13'34"	2°27'03"