BENCHMARKS:

Railroad Spike in Power Pole
Located 27' South and 402' East
of the Northwest Corner of the
NE 1/4, Section 24, TWP. 28-S, R-1-W.

Elevation = 92.98 City Datum

City of Wichita Benchmark Disc SE Corner
of Intersection of 47th St. S. and West St.
42.10' E. of Centerline
51.00' S. of Centerline
99.80' E. of P.P. on SW Corner
23.80' S. of P.P.

Elevation = 92.29 City Datum

Scale:
1" = 20'
• = Iron

P.V.I.
Elev. = 94.90
33.10' V.C.

P.V.I.
Elev. = 93.80
30' V.C.

Sta. 8+57.43-P.C.

Sta. 9+80.06-P.T.

Sta. 11+55.83

Sta. 13+70.00

+0.646%

-0.626%

+0.532%

+0.577%

Match Line

Sta. 8+44.53

Construct 7" Reinforced Concrete Valley Gutter Pvmt. on 5" Reinforced Rock Base w/ Monolithic Edge Curb.(6-5/8") (See Detail, Sheet 5)

Sta. 8+73.01
= ℄ Leonine Ct.

LEONINE CT.

Curve #6
R=100'

Sta. 8+98.09

+0.610%

Sta. 8+98.09, 17.3' Rt.
Install Subdivision Bench Mark
(Flat Survey Marker No.
8134-08, 3" Top Diameter) in
Top of Curb.
Cost shall be Incidental to L.F.
Full-Height Curb.

Construct 5" A.C. Pvmt. w/5" Reinf. Rock Base

Construct Standard Type 1A Inlet Hook-Ups (Both Sides)

Construct Full-Height Curb & Gutter (6-5/8") (Both Sides)

Install Perforated Pipe w/ Gravel Inlet Protection or Approved Equal Across Inlet. (See Detail, Sheet 11)

Sta. 13+42.46, 17.3' Rt.
Install Subdivision Bench Mark
(Flat Survey Marker No.
8134-08, 3" Top Diameter) in
Top of Curb.
Cost shall be Incidental to L.F.
Full-Height Curb.

Sta. 13+70.00,
End Construction of
4" Sidewalk

Sta. 13+70.00,
End Construction of
5" A.C. Pvmt. w/
5" Reinf. Rock Base

Sta 13+74.00
Install Sediment Barrier.
See Detail, Sheet 11.

Sta 0+09.40
Install End of Road
Markers. (See Detail,
Sheet 11.)

Sta. 12+68.46, 23' Rt.
Install Std. D3 (SNS)
Ass'y as per City Specs
" Leonine " &
" Angel "
(See Detail, Sheet 4)

Construct Std. Wheel Chair Ramp (Both Sides) (See Detail, Sheet 5)

Construct 7" Reinforced Concrete Valley Gutter Pvmt. on 5" Reinforced Rock Base w/ Monolithic Edge Curb.(6-5/8") (See Detail, Sheet 5)

Sta. 12+68.46

Sta. 13+05.72
= ℄ Angel

Sta. 13+42.46

Sta. 13+70.00

P.V.I.
Elev. = 94.90
39.88' V.C.

P.V.I.
Elev. = 93.80
30' V.C.

+0.508%

Curve #6
Curve Data Based on Centerline
Rad. = 100' Delta = 70° 15' 39" Tangent = 70.36'
Arc = 122.63' L.C. = 115.09' Def/Ft. =17.18850 Min.

Station	Arc	8' Lt.	8' Rt.	Defl.	T. Defl.
8+57.43	–	–	–	0°00'00"	0°00'00"
8+73.01	15.58'	14.32'	16.81'	4°27'48"	4°27'48"
8+75.00	1.99'	1.83'	2.15'	0°34'12"	5°02'00"
8+98.09	23.09'	21.20'	24.88'	6°36'53"	11°38'53"
9+00.00	1.91'	1.76'	2.06'	0°32'50"	12°11'43"
9+25.00	25.00'	22.94'	24.93'	7°09'43"	19°21'26"
9+50.00	25.00'	22.94'	24.93'	7°09'42"	26°31'08"
9+75.00	25.00'	22.94'	24.93'	7°09'43"	33°40'51"
9+80.06	5.06'	4.66'	5.46'	1°26'59"	35°07'50"

A N G E L F I R E A D D I T I O N

ANGEL FIRE ADDITION - PHASE 1
LEONINE
STREET & INCIDENTAL STORM SEWER IMPROVEMENTS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 313 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 472-83292 | SHEET 8 OF 28

DESIGN	DRAWN	APPROVED	DATE	SCALE
GLP/AEG	AEG		3/28/01	NOTED

06-11-E848
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