IRONHORSE AT OXFORD ADD.

SCALE: 1"=20'
20 10 0 20

N

Const. 5" AC Pavement W/5" Crushed Rock on Geo Grid Renif.

Sta. 0+78, IRONHORSE
Install Subdivision Benchmark (No. 8134 -08, Kansas Blue Print)

P.V.I. Elev.=175.53 NO V.C. 1+00

1+50.71 P.C.

IRONHORSE CIR.

Based on C/L +2.27%

3+07.06 P.T.

P.V.I. Elev.=181.89 60' V.C. 3+80

3+50 P.V.C.

4+10 P.V.T.

+0.50% Based on C/L

Fire Hydrant
Valve Box=182.15
Bury Line=182.02

VALVE BOX ELEV=182.54

Exist. 6" Wtr.

Exist. 8" Wtr.

Const. Comb. Curb & Gutter, Roll(3 5/8")

INSTALL STREET SIGN, OXFORD/IRONHORSE CIR.

4+79.56
32' RT

10' Transition from Rolled Curb to Full Curb

90°25'11"

IRONHORSE C/L

OXFORD

MATCH LINE

5+43.57
32' RT

INSTALL STREET SIGN OXFORD/IRONHORSE

Sta. 5+48, IRONHORSE
Install Subdivision Benchmark (No. 8134 -08, Kansas Blue Print)

+1.32% (Based on Curb)
45°00'00"

60°56'24"

0+66
32' LT

+0.98% Based on Curb

0+79.19

0+50

0+18

0+00

45°00'00"

Proposed Curb Inlet Top=173.93
Const. Inlet Hookup w/ Pvmt.
Install Inlet Sediment Barrier

IRONHORSE AT OXFORD ADD.

SUBDIVISION BENCH MARKS

NO.	STREET AND STATION	FROM CL	DESCRIPTION	ELEVATIONS
1	IRONHORSE STA., 0+78	17.5' LT	TOP OF CURB AT END OF RETURN, IRONHORSE	
2	IRONHORSE STA., 5+48	17.5' LT	TOP OF CURB AT END OF RETURN, IRONHORSE	

NOTE: CONTRACTOR SHALL INSTALL SUBDIVISION BENCH MARKS ("FLAT SURVEY MARKERS NO. 8134-08 3" TOP DIAMETER" PROVIDED BY KANSAS BLUE PRINT CO., INC.) COSTS TO BE CONSIDERED SUBSIDIARY TO CONSTRUCTION OF COMBINED CURB AND GUTTER.

CURVE TABLE

△= 89°34'49" R = 100.00' T = 99.27' L = 156.35' LC = 140.90'

CURVE DATA BASED ON CENTERLINE △/2 = 44°47'25"

STATION	ARC	CHORD LENGTH 'Off LtCb	'Off RtCb	DEFLECTION	TOTAL DEFLECTION
1+50.71	-	-	-	00°00'00"	00°00'00"
1+75.00	24.29'	28.35'	20.11'	06°57'31"	06°57'31"
2+00.00	25.00'	29.17'	20.70'	07°09'43"	14°07'14"
2+25.00	25.00'	29.17'	20.70'	07°09'43"	21°16'57"
2+50.00	25.00'	29.17'	20.70'	07°09'43"	28°26'40"
2+75.00	25.00'	29.17'	20.70'	07°09'43"	35°36'23"
3+00.00	25.00'	29.17'	20.70'	07°09'43"	42°46'06"
3+07.06	7.06'	8.26'	5.86'	02°01'18"	44°47'25"
				Def/Ft =17.18873 Min.	

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MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

IRONHORSE AT OXFORD ADDITION
PROJECT NAME

IRONHORSE CIR/IRONHORSE PAVING PLAN
SHEET TITLE

ASH	RLH	ASH
DESIGN BY:	DRAWN BY:	CHECKED BY:
MARCH 2003	02173_E1	6 / 24
DATE	JOB NO.	SHEET/OF