

BENCHMARK:
Top of 1" Iron 12" Deep, E1/4 Cor.,
Sec. 27, Twp. 27-S, R-2-W
Elev. = 209.13 (City Datum)

P.V.I.
Elev. = 222.30
79.80' V.C.

P.V.I.
Elev. = 213.10
69.68' V.C.

Sta. 25+65, 22' Lt.
Install Std. D3 (SNS) Ass'y
as per City Specs
Hendryx W " &
151st St. S "
(See Detail, Sheet 2)

SCALE:
1" = 40' HORIZONTAL
1" = 5' VERTICAL
• = IRON

Construct 6" Gravel
Drive Approach

Install 60 L.F. 24" R.C.P.
w/ End Sections. Regrade
Area as Necessary for Proper
Drainage. Cost of Regrading
to be Included in Pipe Cost.

Install 8.0 S.Y. Light
Stone Rip Rap as Shown

SE Cor., NE 1/4
Sec. 27, T-27-S, R-2-W

Sta. 25+65.50, 22' Rt.
Install R1-1 (Stop) Sign
(See Detail, Sheet 2)

Curve Data Based on Centerline
Rad. = 340' Delta = 75'00" 18" Tangent = 260.91'
Arc = 445.09' L.C. = 413.98' Def/Ft. = 5.05549 Min.

Station	Arc	CHORD LENGTHS			
		12' Lt.	12' Rt.	Defl.	T. Defl.
18+20.07	—	—	—	0'00'00"	0'00'00"
18+25.00	4.93'	4.76'	5.10'	0'24'55"	0'24'55"
18+50.00	25.00'	24.11'	25.88'	2'06'23"	2'51'19"
18+75.00	25.00'	24.11'	25.88'	2'06'23"	4'32'42"
19+00.00	25.00'	24.11'	25.88'	2'06'23"	6'44'05"
19+25.00	25.00'	24.11'	25.88'	2'06'23"	8'50'28"
19+50.00	25.00'	24.11'	25.88'	2'06'24"	10'56'52"
19+75.00	25.00'	24.11'	25.88'	2'06'23"	13'03'15"
20+00.00	25.00'	24.11'	25.88'	2'06'23"	15'09'38"
20+25.00	25.00'	24.11'	25.88'	2'06'23"	17'16'01"
20+50.00	25.00'	24.11'	25.88'	2'06'24"	19'22'25"
20+75.00	25.00'	24.11'	25.88'	2'06'23"	21'28'48"
21+00.00	25.00'	24.11'	25.88'	2'06'23"	23'35'11"
21+25.00	25.00'	24.11'	25.88'	2'06'23"	25'41'34"
21+50.00	25.00'	24.11'	25.88'	2'06'24"	27'47'58"
21+75.00	25.00'	24.11'	25.88'	2'06'23"	29'54'21"
22+00.00	25.00'	24.11'	25.88'	2'06'23"	32'00'44"
22+25.00	25.00'	24.11'	25.88'	2'06'23"	34'07'07"
22+50.00	25.00'	24.11'	25.88'	2'06'24"	36'13'31"
22+65.16	15.16'	14.62'	15.69'	1'16'38"	37'30'09"

Station	Arc	CHORD LENGTHS			
		12' Lt.	12' Rt.	Defl.	T. Defl.
15+23.79	—	—	—	0'00'00"	0'00'00"
15+50.00	26.21'	26.86'	25.56'	1'32'53"	1'32'53"
15+75.00	25.00'	25.62'	24.38'	1'28'37"	3'01'30"
16+00.00	25.00'	25.62'	24.38'	1'28'36"	4'30'06"
16+25.00	25.00'	25.62'	24.38'	1'28'36"	5'58'42"
16+50.00	25.00'	25.62'	24.38'	1'28'36"	7'27'18"
16+58.86	8.86'	9.08'	8.64'	0'31'24"	7'58'42"
16+75.00	16.14'	16.54'	15.73'	0'57'12"	8'55'54"
17+00.00	25.00'	25.62'	24.38'	1'28'36"	10'24'30"
17+25.00	25.00'	25.62'	24.38'	1'28'36"	11'53'06"
17+36.13	11.13'	11.41'	10.83'	0'39'27"	12'32'33"
17+50.00	13.87'	14.21'	13.50'	0'49'09"	13'21'42"
17+75.00	25.00'	25.62'	24.38'	1'28'37"	14'50'19"
18+00.00	25.00'	25.62'	24.38'	1'28'36"	16'18'55"
18+20.07	20.07'	20.57'	19.57'	1'11'08"	17'30'03"

Construct 6" A.C. Pvm't
w/ 5" Reinf. Rock Base
(See Detail, Sheet 8.)

Remove Trees Only as Necessary
For Construction. Trim as Necessary
to Salvage Tree Row.
Cost to be Included in Bid Item
"Site Clearing & Restoration"

REECE FARMS ESTATES - PHASE I
HENDRYX
STA. 15+23.79 TO STA. 25+65.14

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-82929
DESIGN BLP/DMV DRAWN JAK APPROVED DATE 10-26-98 SCALE NOTED SHEET 5 OF 37