

Saw Cut, Remove, and Replace A.C. Wearing Surface as necessary to provide neat-line. This work to be Subsidiary to "Asphalt Pavement".

Sta. 17+70, 22.00' Rt. Install Street Name Sign (Tipperary/White Tail) See sheet no. 25

Sta. 17+97.17 @ Tipperary= Sta. 80+00.00 @ White Tail

Sta. 19+11, 24.00' Rt. Install Street Name Sign (Tipperary/Tipperary Cir 12205-12317) See sheet no. 25

Sta. 19+49, 24.00' Rt. Install Street Name Sign (White Tail) See sheet no. 25

Sta. 21+58, 24.00' Rt. Install Street Name Sign (White Tail/White Tail Ct 802-822) See sheet no. 25

Δ=74°00'11.76" L=178.00' R=229.9' T=134.14' E=44.88'

CURVE DATA BASED ON Δ radius Δ/2= 31° 00' 05.9"

STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
15+18.07						0°00'00.0"	0°00'00.0"
15+25.00	6.93'	6.27'	7.59'	6.53'	8.66'	01°06'55.2"	01°06'55.2"
15+50.00	25.00'	22.61'	27.39'	23.52'	31.20'	04°01'24.9"	05°08'20.1"
15+75.00	25.00'	22.61'	27.39'	23.52'	31.20'	04°01'24.9"	09°09'45.0"
16+00.00	25.00'	22.61'	27.39'	23.52'	31.20'	04°01'24.9"	13°11'09.9"
16+25.00	25.00'	22.61'	27.39'	23.52'	31.20'	04°01'24.9"	17°12'34.8"
16+50.00	25.00'	22.61'	27.39'	23.52'	31.20'	04°01'24.9"	21°13'59.7"
16+75.00	25.00'	22.61'	27.39'	23.52'	31.20'	04°01'24.9"	25°15'24.6"
17+00.00	25.00'	22.61'	27.39'	23.52'	31.20'	04°01'24.9"	29°16'49.5"
17+25.00	25.00'	22.61'	27.39'	23.52'	31.20'	04°01'24.9"	33°18'14.4"
17+47.97	22.97'	20.78'	25.17'	21.62'	28.68'	03°41'48.7"	37°00'06"
TOTAL	229.9'	207.95'	251.86'			Defl./ft. = 9.656592 min.	

Δ=95°28'00" L=238.27' R=143.00' T=157.34' E=69.61'

CURVE DATA BASED ON Δ radius Δ/2= 47° 44' 00"

STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
17+97.17						0°00'00.0"	0°00'00.0"
18+00.00	2.83'	2.49'	3.17'	2.81'	3.72'	00°34'01"	00°34'01"
18+24.35	24.35'	21.46'	27.24'	22.45'	31.96'	04°52'41.4"	05°26'42.4"
18+25.00	0.65'	0.57'	0.73'	0.60'	0.85'	00°07'48.8"	05°34'31.2"
18+50.00	25.00'	22.03'	27.97'	23.05'	32.81'	05°00'30.2"	10°35'01.5"
18+75.00	25.00'	22.03'	27.97'	23.05'	32.81'	05°00'30.2"	15°35'31.5"
19+00.00	25.00'	22.03'	27.97'	23.05'	32.81'	05°00'30.2"	20°36'01.5"
19+02.12	2.12'	1.87'	2.37'	1.96'	2.79'	00°25'29.0"	21°01'30.6"
19+25.00	22.88'	20.16'	25.60'	21.10'	30.04'	04°35'01.2"	25°36'31.8"
19+29.29	4.29'	3.78'	4.80'	3.96'	5.64'	00°51'34.0"	26°28'05.8"
19+50.00	20.71'	18.25'	23.17'	19.10'	27.19'	04°08'56.2"	30°37'01.9"
19+56.46	6.46'	5.69'	7.23'	5.96'	8.49'	01°17'39.0"	31°54'40.9"
19+75.00	18.54'	16.34'	20.74'	17.10'	24.35'	04°08'56.2"	35°37'32.1"
20+00.00	25.00'	22.03'	27.97'	23.05'	32.81'	05°00'30.2"	40°38'02.5"
20+25.00	25.00'	22.03'	27.97'	23.05'	32.81'	05°00'30.2"	45°38'32.4"
20+35.44	10.44'	9.20'	11.68'	9.83'	13.72'	02°05'29.4"	47°44'00.1"
TOTAL	238.27'	209.94'	266.59'			Defl./ft. = 12.020094 min.	

Δ=11°49'00" R=652.00' L=134.47' T=67.47' E=3.48'

CURVE DATA BASED ON Δ radius Δ/2= 5° 54' 30"

STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
21+22.33						0°00'00.0"	0°00'00.0"
21+25.00	2.67'	2.74'	2.60'	2.70'	2.50'	00°07'02.3"	00°07'02.3"
21+47.13	23.13'	22.71'	21.55'	22.38'	20.73'	00°59'20.5"	01°05'22.8"
21+50.00	2.87'	2.94'	2.80'	2.90'	2.69'	00°07'34.0"	01°12'56.8"
21+75.00	25.00'	25.00'	24.35'	25.28'	23.41'	01°05'54.5"	02°18'51.3"
21+83.28	8.28'	8.50'	8.06'	8.37'	7.75'	00°21'49.7"	02°40'41.0"
22+00.00	16.72'	17.16'	16.28'	16.91'	15.66'	00°44'04.7"	03°24'45.7"
22+19.26	19.26'	19.76'	18.76'	19.48'	18.04'	00°50'46.5"	04°15'32.3"
22+25.00	5.74'	5.89'	5.59'	5.80'	5.38'	00°15'07.9"	04°30'40.2"
22+50.00	25.00'	25.65'	24.35'	25.28'	23.41'	01°05'54.5"	05°36'34.7"
22+56.8	6.80'	6.98'	6.62'	6.87'	6.37'	00°17'55.6"	05°54'30.0"
TOTAL	134.47'	137.37'	130.96'			Defl./ft. = 2.636509 min.	

No V.C. +1.50% T.C. Lt. & R

Sta. 21+83.28 @ White Tail= Sta. 50+00.00 @ White Tail Court

5" Asphaltic Concrete Pavement (3" Bituminous Base)

7" Reinf. Concrete Valley Gutter Pavement

1" = 20'

Revision By Date

CITY OF WICHITA, KANSAS
NEIL D. CABLE, P.E. - CITY ENGINEER
BALTHROP 4TH INTERSECTION - PHASE 2
WHITE TAIL/TIPPERARY
STA 17+04.91 TO STA 22+58.80
CITY OF WICHITA PROJECT NO. 472-83469

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by BER Job No. 35-02608-0 Sht. 6 of 43
Drawn by JGA Date January 2003

DSNR: BER OPER: JGA SCALE: 1"=20.00
 3:2002\02608\000\TIPP W TAIL 17-22 02-10-2003 04:45:05 pm