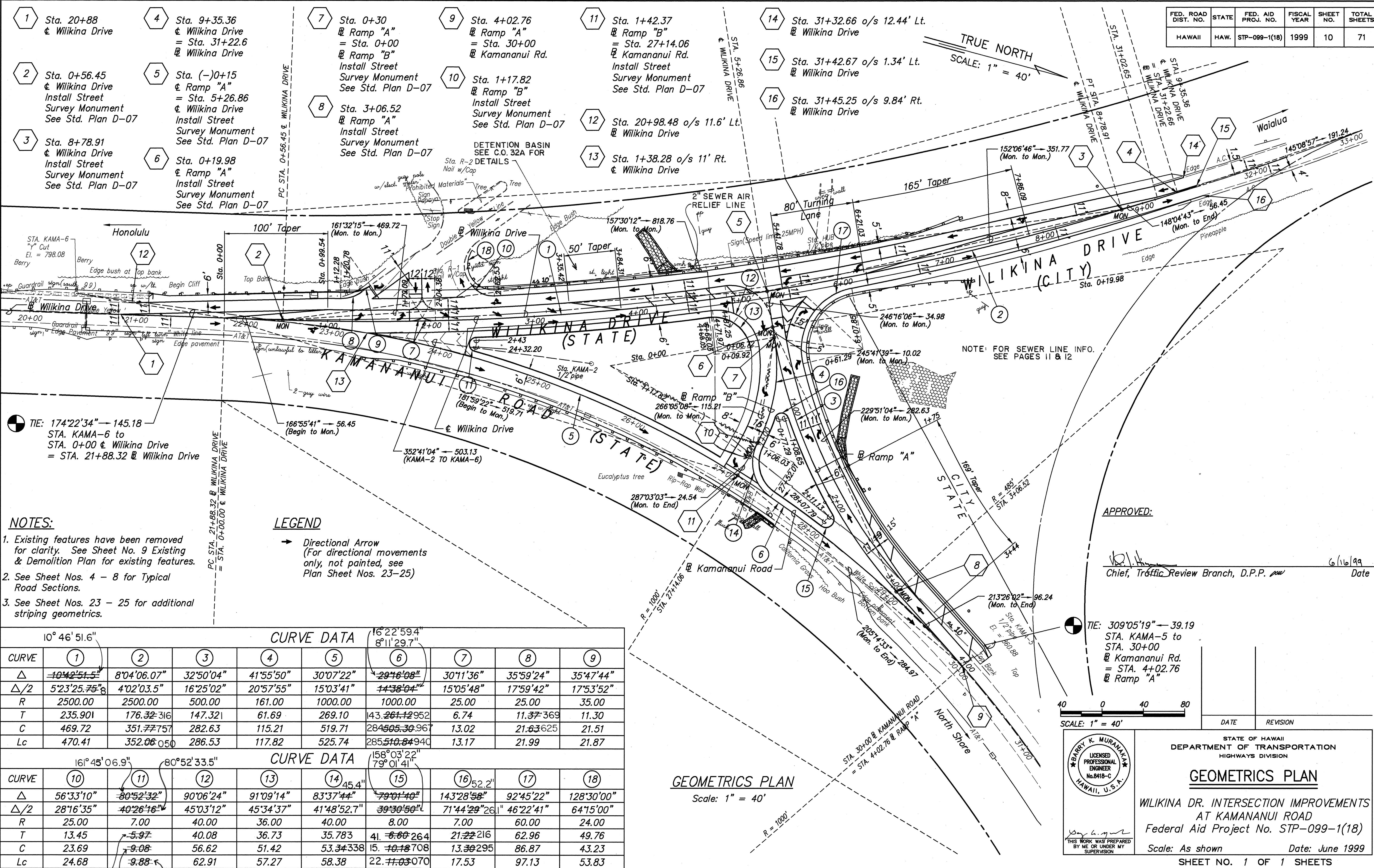


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(18)	1999	10	71



- NOTES:**
- Existing features have been removed for clarity. See Sheet No. 9 Existing & Demolition Plan for existing features.
 - See Sheet Nos. 4 - 8 for Typical Road Sections.
 - See Sheet Nos. 23 - 25 for additional striping geometrics.

LEGEND

→ Directional Arrow
(For directional movements only, not painted, see Plan Sheet Nos. 23-25)

CURVE DATA									
CURVE	1	2	3	4	5	6	7	8	9
Δ	10°42'51.5"	8°04'06.07"	32°50'04"	41°55'50"	30°07'22"	29°16'08"	30°11'36"	35°59'24"	35°47'44"
Δ/2	5°21'25.75"	4°02'03.5"	16°25'02"	20°57'55"	15°03'41"	14°38'04"	15°05'48"	17°59'42"	17°53'52"
R	2500.00	2500.00	500.00	161.00	1000.00	1000.00	25.00	25.00	35.00
T	235.901	176.32316	147.321	61.69	269.10	143.26112952	6.74	11.37369	11.30
C	469.72	351.77757	282.63	115.21	519.71	284.50530967	13.02	21.63625	21.51
Lc	470.41	352.06050	286.53	117.82	525.74	285.51084940	13.17	21.99	21.87

CURVE DATA									
CURVE	10	11	12	13	14	15	16	17	18
Δ	56°33'10"	80°52'32"	90°06'24"	91°09'14"	83°37'44"	79°01'40"	143°28'58"	92°45'22"	128°30'00"
Δ/2	28°16'35"	40°26'16"	45°03'12"	45°34'37"	41°48'52.7"	39°30'50"	71°44'29"261"	46°22'41"	64°15'00"
R	25.00	7.00	40.00	36.00	40.00	8.00	7.00	60.00	24.00
T	13.45	5.97	40.08	36.73	35.783	41.666264	21.22216	62.96	49.76
C	23.69	9.08	56.62	51.42	53.34338	15.4018708	13.30295	86.87	43.23
Lc	24.68	9.88	62.91	57.27	58.38	22.4103070	17.53	97.13	53.83

GEOMETRICS PLAN
Scale: 1" = 40'

APPROVED:

[Signature] 6/16/99
Chief, Traffic Review Branch, D.P.P.

TIE: 309°05'19" - 39.19
STA. KAMA-5 to STA. 30+00
@ Kamananui Rd.
= STA. 4+02.76
@ Ramp "A"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GEOMETRICS PLAN

WILIKINA DR. INTERSECTION IMPROVEMENTS
AT KAMANANUI ROAD
Federal Aid Project No. STP-099-1(18)

Scale: As shown Date: June 1999

SHEET NO. 1 OF 1 SHEETS

105
PM: BKM
OPR: SAI,CKY *BKM,RMK,KKF,RQO,MSM
REVISED: 06/12/99

FILE: DOT95206
SCALE: 1"=40'
BEG: 4/15/97

DATE	BY	REVISION

ORIGINAL PLAN
DRAWN BY: BKM
CHECKED BY: SAI,CKY
DESIGNED BY: SAI,CKY
SUPERVISED BY: SAI,CKY