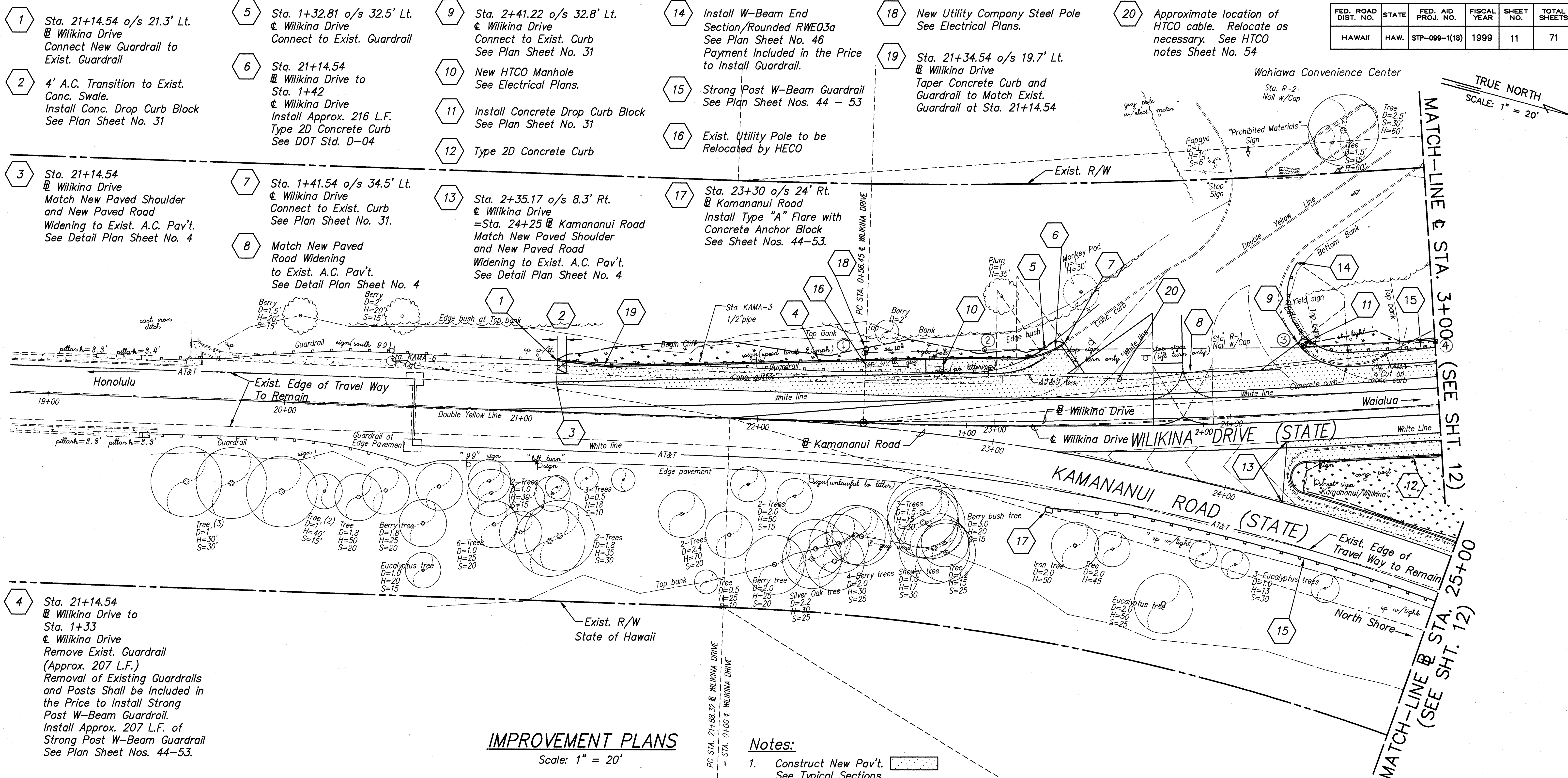


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(18)	1999	11	71



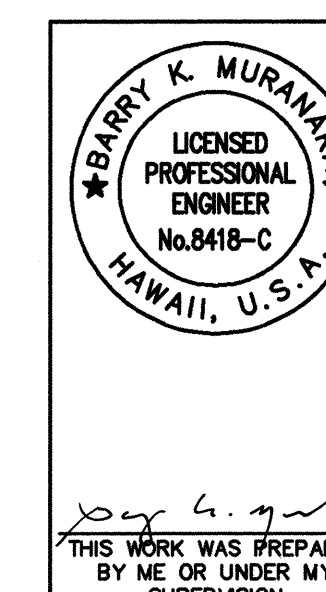
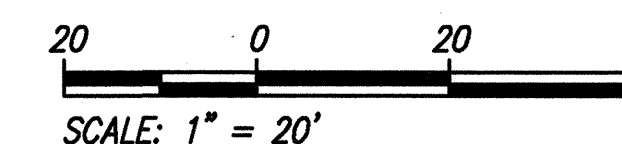
IMPROVEMENT PLANS

Scale: 1" = 20'

POINTS	STATION & OFF-SET	ELEVATION @ TOP OF PIPE
1	BL Sta. 0+56.45 Lt. 28.89'	803.73
2	BL Sta. 1+07.61 Lt. 31.11'	807.55
3	BL Sta. 2+43.44 Lt. 31.21'	813.92
4	BL Sta. 3+00.00 Lt. 30.53'	816.97

Notes:

- Construct New Pav't. See Typical Sections
- Limits of Hydromulch Seeding
- Limits of Hydromulch Seeding with Erosion Control Blanket
- Remove all Striping and Pavement Markers that Conflict with the Striping & Pavement Marking Plan Shown on Sht. Nos. 23-25. Payment for the Removal of Existing Pavement Markings shall be included in the Price of the Various Contract Items.
- See Sht. Nos. 23-25 for Striping & Pavement Markings.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IMPROVEMENT PLANS

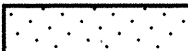
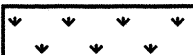
WILIKINA DR. INTERSECTION IMPROVEMENTS
AT KAMANANUI ROAD
Federal Aid Project No. STP-099-1(18)

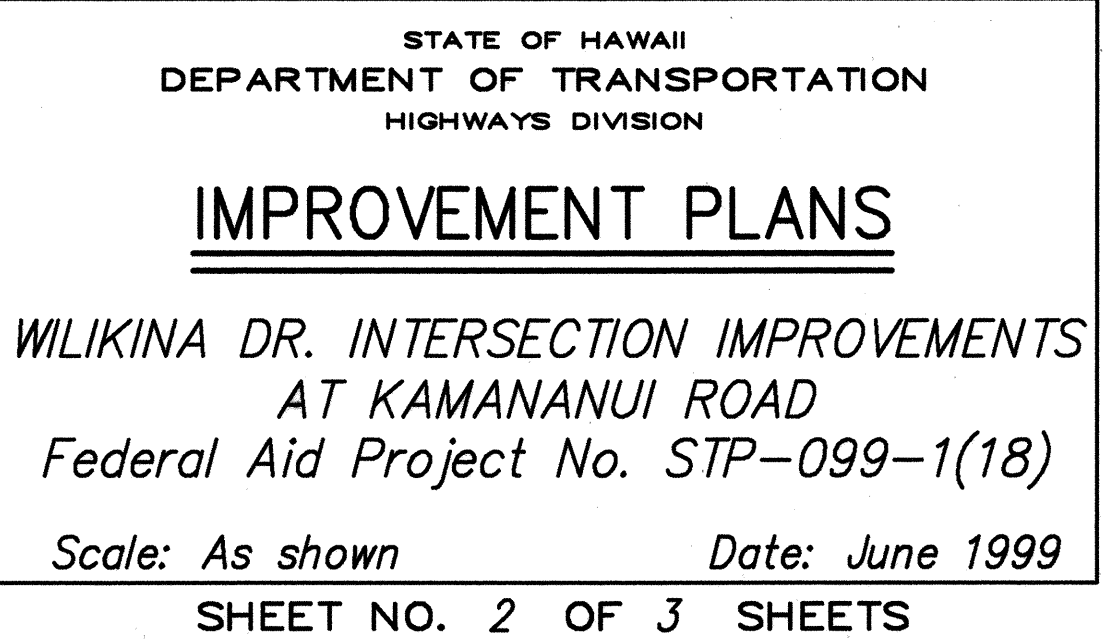
Scale: As shown Date: June 1999

SHEET NO. 1 OF 3 SHEETS

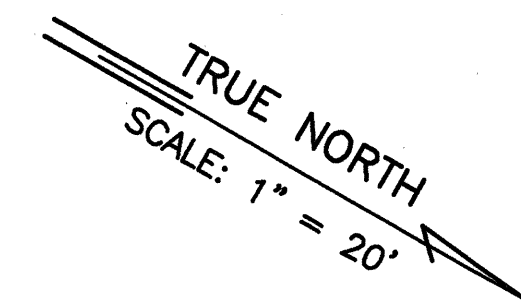
TRUE NORTH
SCALE: 1" = 20'

Notes:

1. *Construct New Pav't.* 
See Typical Sections
2. *Limits of Hydromulch Seeding* 
3. *Limits of Hydromulch Seeding with Erosion Control Blanket* 
4. *Remove all Striping and Pavement Markers that Conflict with the Striping & Pavement Marking Plan Shown on Sht. Nos. 23-25. Payment for the Removal of Existing Pavement Markings Shall be Included in the Price of the Various Contract Items.*
5. *See Sht. Nos. 23-25 for Striping & Pavement Markings.*



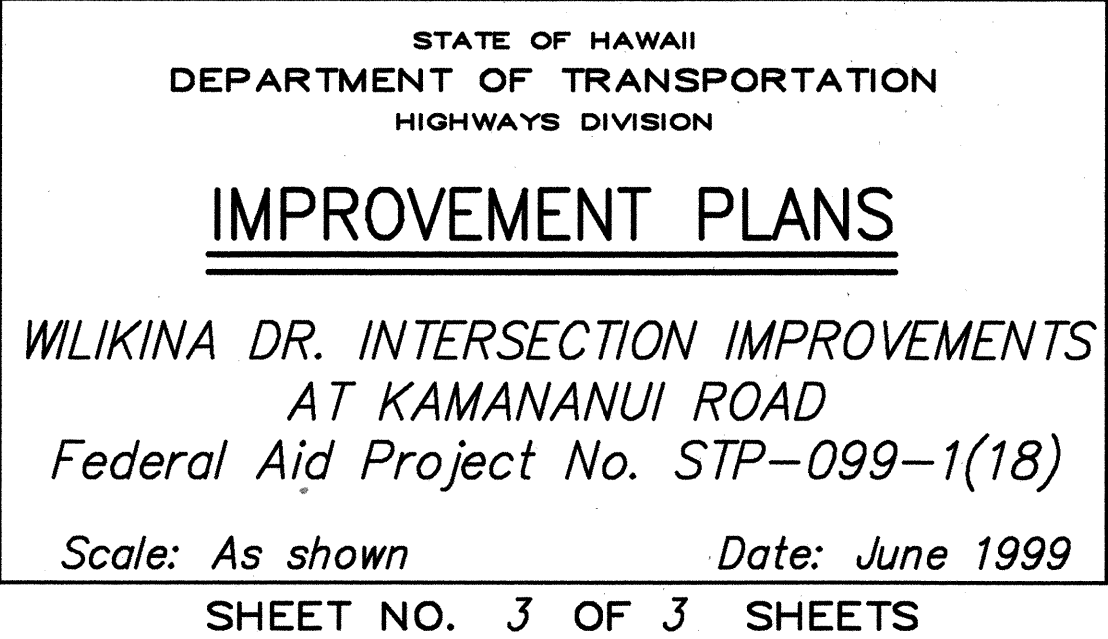
- 1 Strong Post W-Beam Guardrail
See Plan Sheet Nos. 44-53.
- 2 Sta. 7+27 o/s 29' Lt.
℄ Wilikina Drive
Install Type "A" Flare with
Concrete Anchor Block
See Plan Sheet Nos. 44-53.
- 3 10' Transition for New Shoulder
and Pav't.
- 4 Sta. 31+32.66 o/s 12.4' Lt.
℄ Wilikina Drive
Match New Paved Shoulder
and New Paved Road
Widening to Exist.
- 5 Sta. 31+32.66 o/s 9.9' Rt.
℄ Wilikina Drive
Match New Paved Shoulder
and New Paved Road
Widening to Exist.
- 6 Sta. 6+75 o/s 14' Rt.
℄ Wilikina Drive
Install Type "A" Flare with Concrete
Anchor Block
See Plan Sheet Nos. 44-53.
- 7 New Highway Light Wood Pole,
See Electrical Plans.



	<u>POINTS</u>	<u>STATION & OFF-SET</u>	<u>ELEVATION @ TOP OF PIPE</u>
R.	4	BL Sta. 3+00.00 Lt. 30.53'	816.97
	5	BL Sta. 3+52.21 Lt. 29.90'	819.78
	6	BL Sta. 4+24.70 Lt. 29.32'	823.98
	7	BL Sta. 4+67.51 Lt. 29.09'	825.17
	8	BL Sta. 4+73 Lt. 29'	n/a
	9	BL Sta. 4+72.65 Lt. 21.72'	825.99
	10	BL Sta. 4+71.46 Rt. 25.57'	827.02
	11	BL Sta. 4+69.43 Rt. 52.78'	827.38
RD.	12	BL Sta. 26+70.81 Lt. 29.75'	828.54
	13	BL Sta. 26+72.23 Lt. 28.59'	828.61
	14	BL Sta. 27+14.72 Lt. 21.50'	830.72
	15	BL Sta. 28+37.52 Lt. 19.11'	838.92
	16	BL Sta. 30+03.91 Lt. 19.93'	847.46
R.	17	BL Sta. 4+64 Lt. 29'	n/a
	18	BL Sta. 4+55.68 Lt. 36.04'	829.32

M. F. [Signature] 7/6/99
Chief, Civil Engineering Branch, D.P.P.^{SN} Date

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ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	_____
NOTEBOOK	TRACED BY _____	_____
	DESIGNED BY _____	_____
	QUANTITIES BY _____	_____
No. _____	CHECKED BY _____	_____