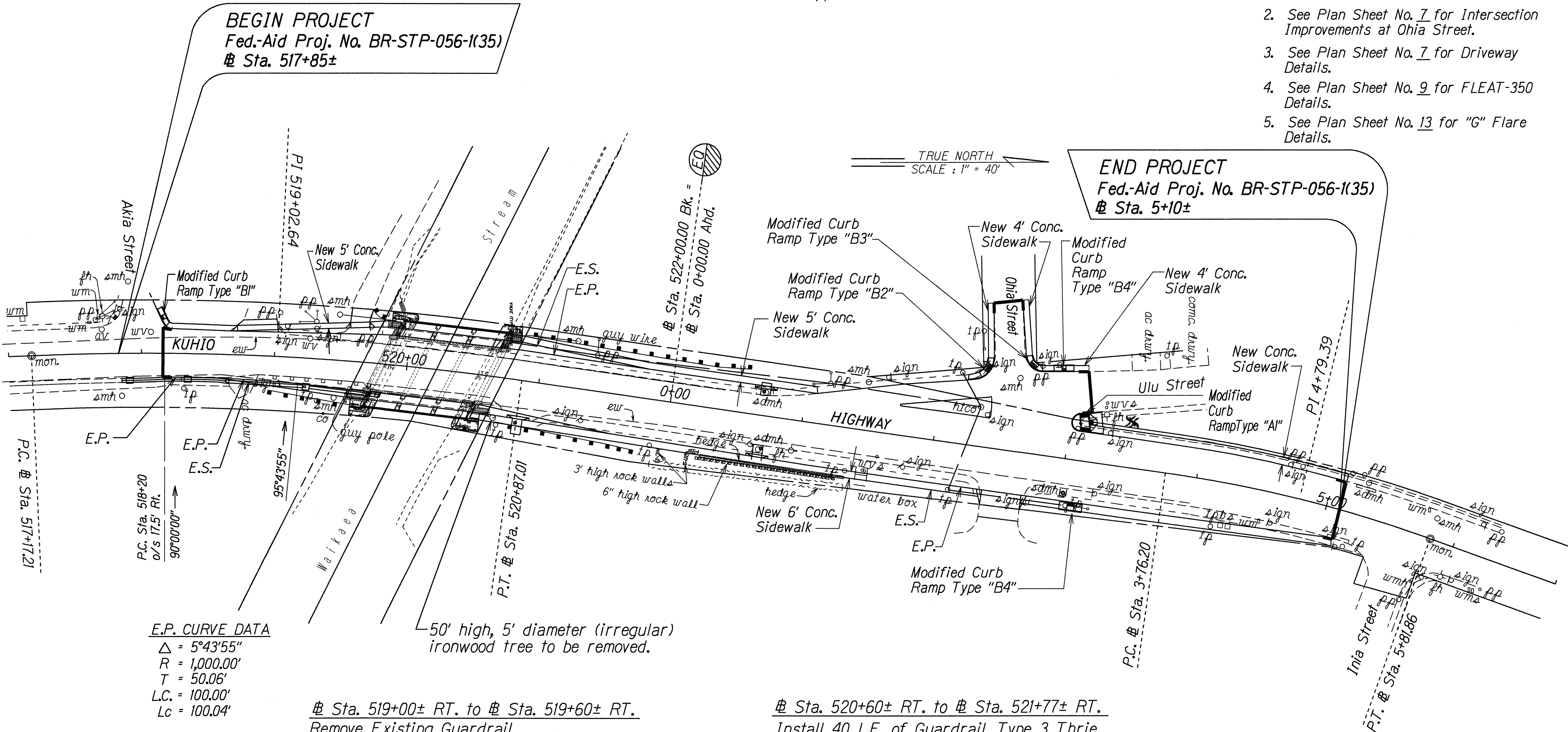


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-STP-056-1(35)	2000	14	70

#STA. 519+70± LT. to # STA. 519+90± LT.
Install 25 L.F. of Guardrail, Type 3 Thrie Beam w/ Rounded "G" Flare.
See Detail on Plan Sheet 13.

Sta. 520+80± LT. to # Sta.00+57± LT.
Install 25 L.F. of Guardrail, Type 3 Thrie Beam and Transition Thrie Beam into 115 L.F. of Guardrail, Strong Post with W Beam. Provide FLEAT-350 on Approach End.

- Notes:
1. See Plan Sheet No. 8 for Curb Ramp Details.
 2. See Plan Sheet No. 7 for Intersection Improvements at Ohia Street.
 3. See Plan Sheet No. 7 for Driveway Details.
 4. See Plan Sheet No. 9 for FLEAT-350 Details.
 5. See Plan Sheet No. 13 for "G" Flare Details.



E.P. CURVE DATA
Δ = 5°43'55"
R = 1,000.00'
T = 50.06'
L.C. = 100.00'
Lc = 100.04'

CURVE DATA
Δ = 10°36'
R = 1998.84'
T = 185.43'
L.C. = 369.27'
Lc = 369.80'

Sta. 519+00± RT. to # Sta. 519+60± RT.
Remove Existing Guardrail
Install 25 L.F. of Guardrail, Type 3 Thrie Beam and Transition Thrie Beam into 20 L.F. of Guardrail, Strong Post with W Beam.
Provide Quadguard on Approach End.

Sta. 520+60± RT. to # Sta. 521+77± RT.
Install 40 L.F. of Guardrail, Type 3 Thrie Beam and Transition Thrie Beam into 40 L.F. of Guardrail, Strong Post with W Beam.
Provide FLEAT-350 on trailing End.

Sta. 521+90± RT. to # Sta. 1+40± RT.
Remove and Dispose of 3' and 6" High Rock Walls and Hedges along location of New Conc. Sidewalk.
Restore area to match existing surrounding conditions.
Costs to be incidental to Pay Item 203.0100 Roadway Excavation.

CURVE DATA
Δ = 11°47'
R = 1,000.00'
T = 103.19'
C = 205.30'
Lc = 205.66'

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

ROADWAY PLAN

KUHIU HIGHWAY

Waikaea Bridge Widening

Fed.Aid Proj. No. BR-STP-056-1(35)

Scale: 1"=40'

Date: June, 1999