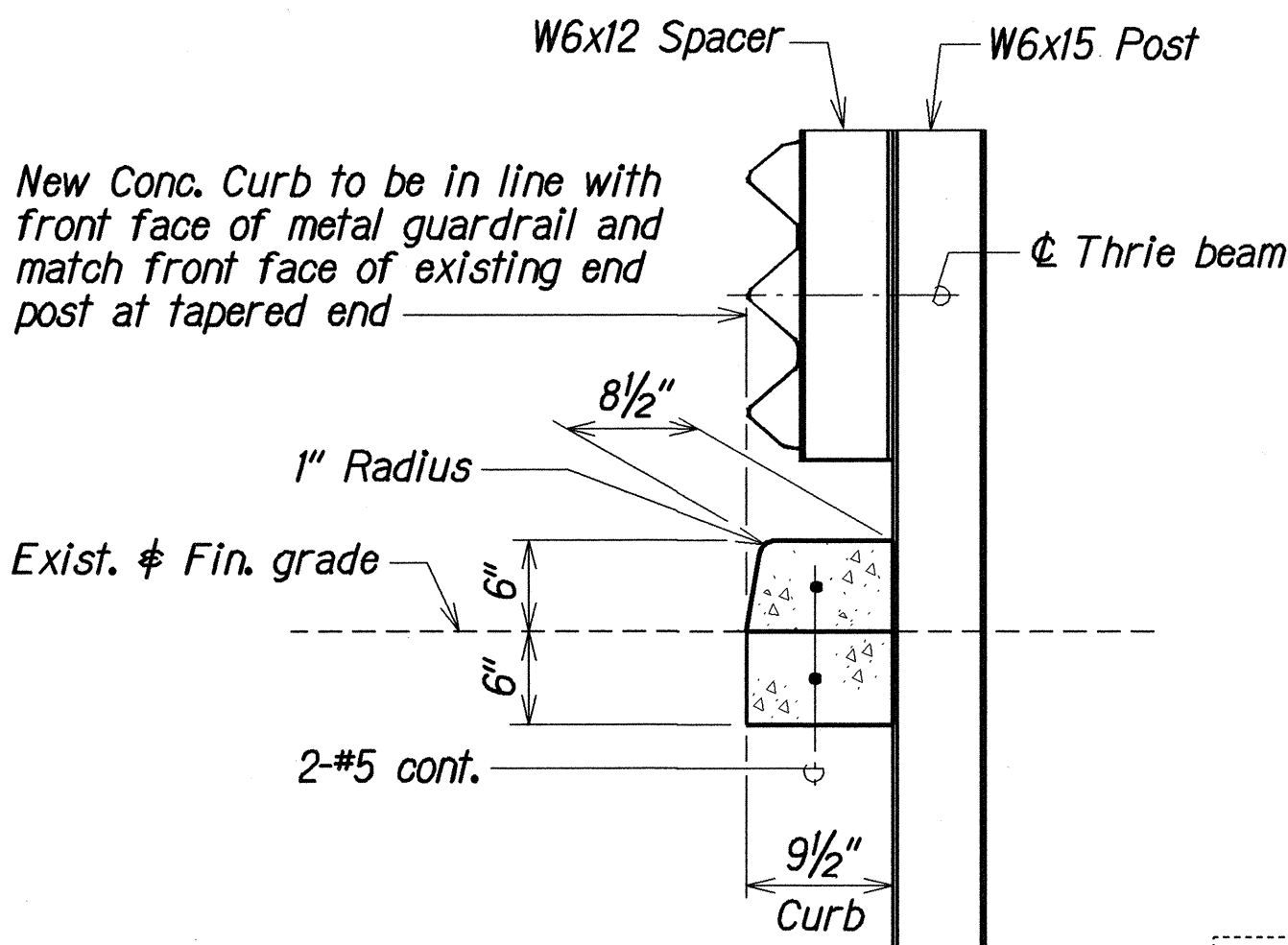


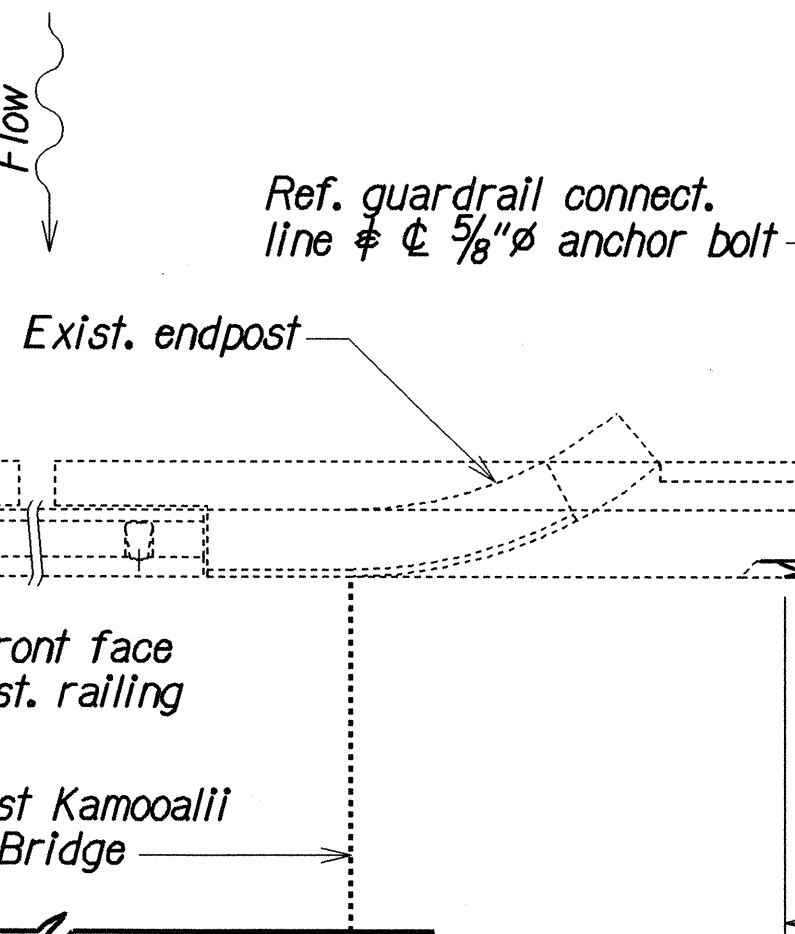
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83G-01-03M	2005	26	47



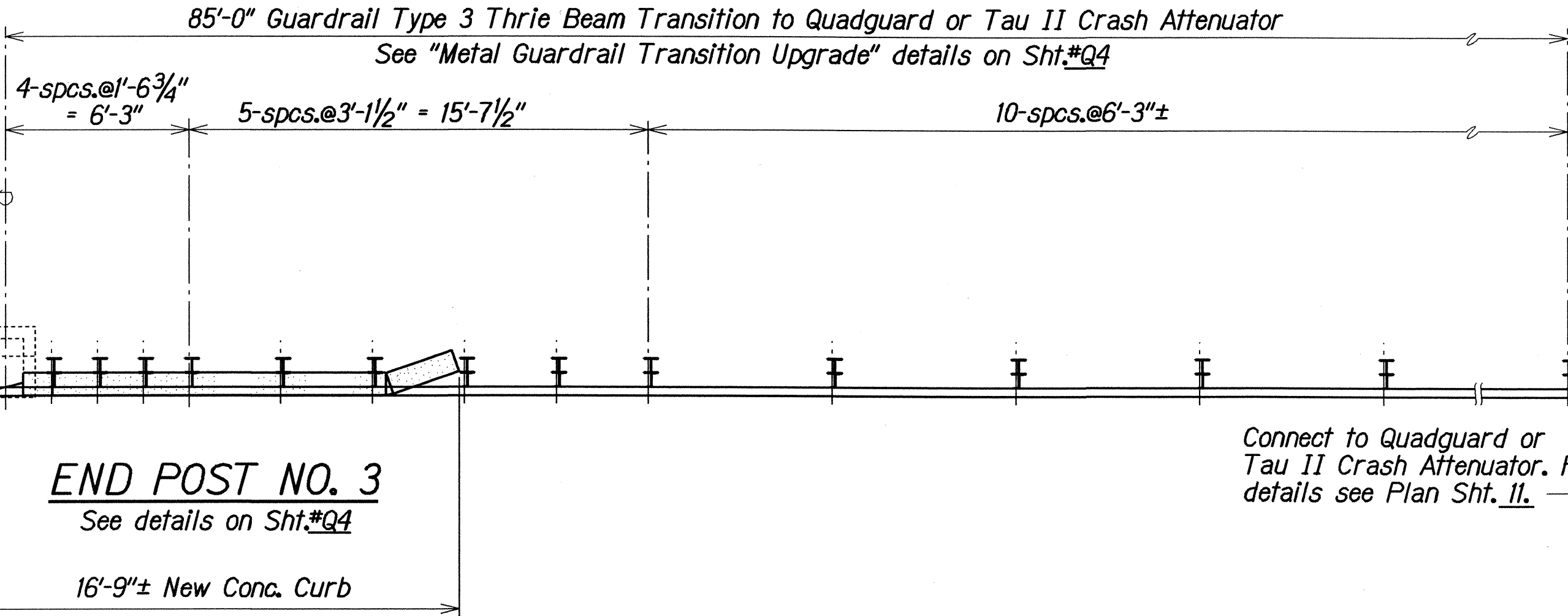
TYPICAL SECTION
Not to Scale

↔ To Kaneohe

END POST NO. 2

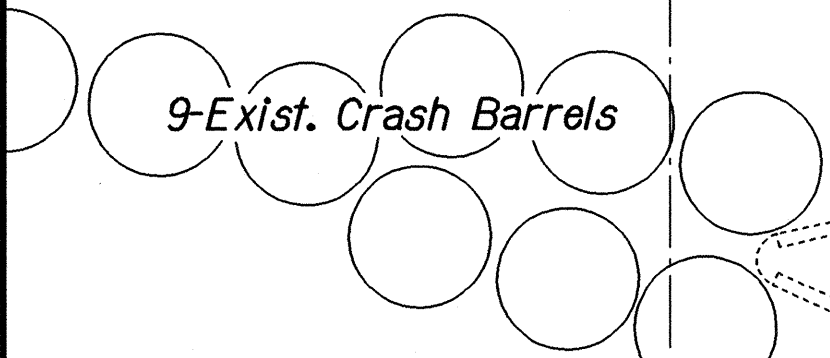


END POST NO. 3
See details on Sht.#Q4



Connect to Quadguard or Tau II Crash Attenuator. For details see Plan Sht. II.

Connect to Quadguard or Tau II Crash Attenuator. For details see Plan Sht. II.



Exist Traffic Signal Post Base (only), abandoned

Exist. Traffic Signal Post

Exist. (cantilevered) Traffic Signal Post

Exist. Lighting Box (verify location)

4-spaces @ 6'-3" = 25'-0"

5-spaces @ 3'-1 1/2" = 15'-7 1/2"

4-spaces @ 1'-6 3/4" = 6'-3"

3'-1 1/2"

50'-0" Guardrail Type 3 Thrie Beam Transition to Quadguard or Tau II.
See "Metal Guardrail Transition Upgrade" Details on Sht.#Q3

END POST NO. 1
See details on Sht.#Q3

Ref. exist Kamooalii Stream Bridge
Ref. front face of exist. railing

END POST NO. 4
See details on Sht.#Q5

Exist. 3"Ø conduit
Exist. endpost

Ref. guardrail connect. line # 5/8"Ø anchor bolt

Exist. communication box

3'-1 1/2"

4-spaces @ 1'-6 3/4" = 6'-3"

4-spaces @ 3'-1 1/2" = 12'-6"

6'-3" Transition

28'-1 1/2" Guardrail Type 3 Thrie Beam
See "Metal Guardrail Transition Upgrade" details on Sht.#Q5

See Plan Shts. 20 & 21

KAMOOALII STREAM BRIDGE LAYOUT PLAN
Scale: 1/4" = 1'-0"

NOTE:
All work on this sheet shall be paid for under Item No. 606.3112.
See Special Provisions, Section 606-Guardrail, for details

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**KAMOOALII STREAM BRIDGE-TRANSITION
UPGRADE LAYOUT PLAN**

KAMEHAMEHA HIGHWAY RESURFACING

Kahiko Street to Pali Highway
Project No. 83G-01-03M

Scale: As Noted Date: Feb. 2005

SHEET No. Q2 OF 10 SHEETS