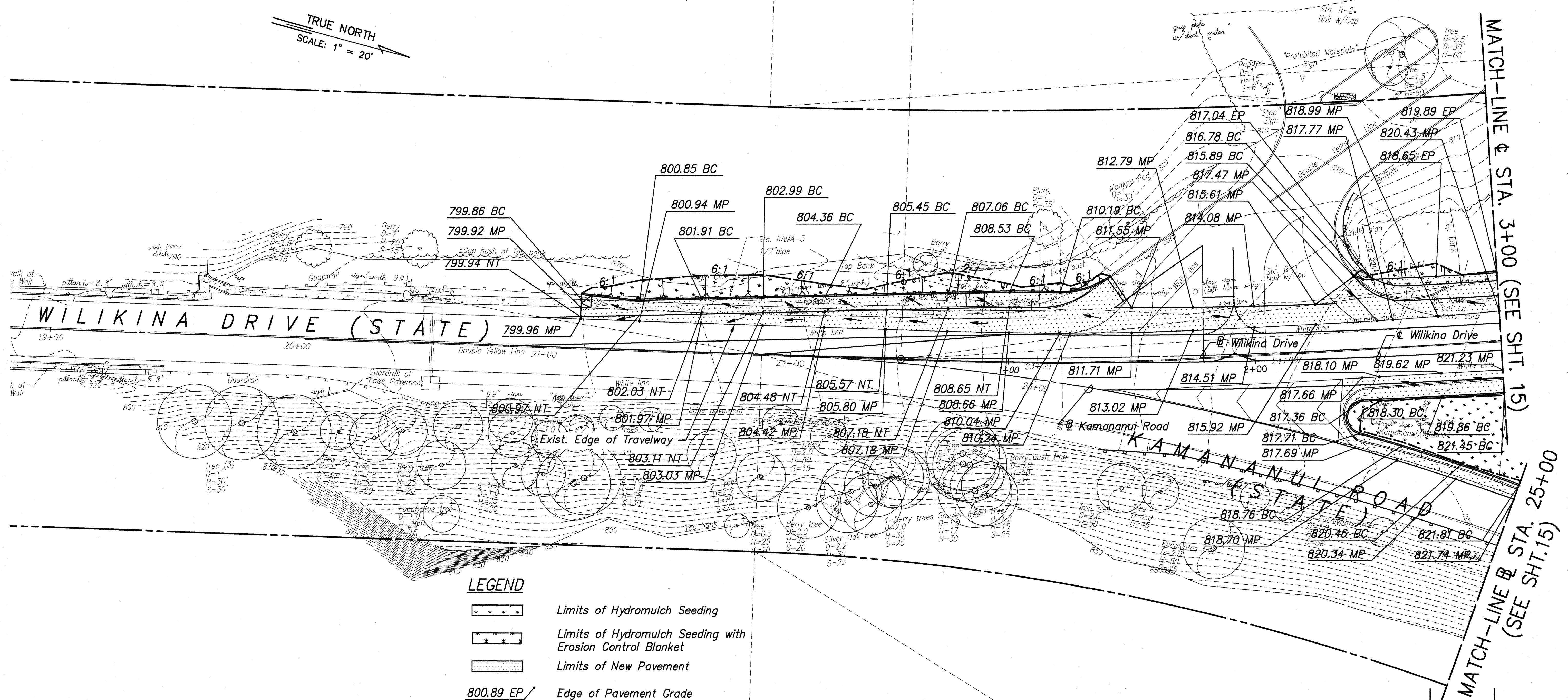


EARTHWORK SUMMARY

Cut Area = 2,005.0 S.F.
 Fill Area = 3,340.8 S.F.
 Exc. Vol. = 3,049.2 C.Y.
 Emb. Vol. = 6,031.3 C.Y.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(18)	1999	14	71

TRUE NORTH
 SCALE: 1" = 20'



LEGEND

- Limits of Hydromulch Seeding
- Limits of Hydromulch Seeding with Erosion Control Blanket
- Limits of New Pavement
- 800.89 EP Edge of Pavement Grade
- 801.97 MP Match to Exist. Pavement Grade
- 817.97 BC Bottom of Curb Grade
- 800.97 NT Edge of New Travelway
- Fill Slope
- Limits of Grading
- Cut Slope
- Direction of Flow

GRADING PLAN 1

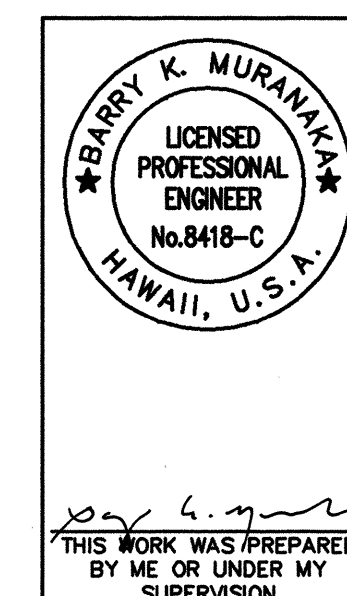
SCALE: 1"=20'

APPROVED:

M. F. [Signature]
 Chief, Civil Engineering Branch, D.P.P. 54

7/6/99
 Date

20 0 20 40
 SCALE: 1" = 20'



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**GRADING PLAN 1
 PAVEMENT GRADES**
 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

