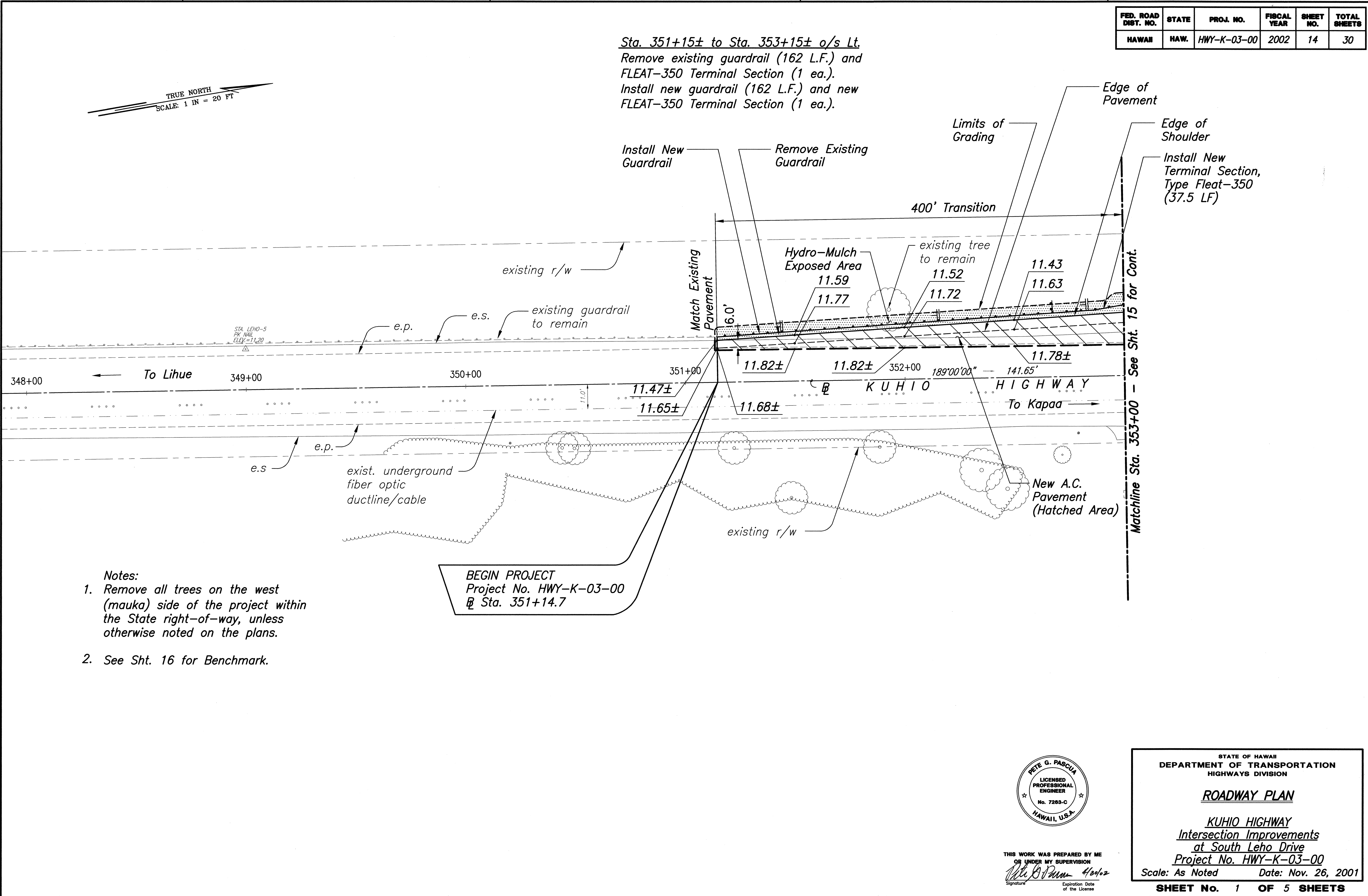
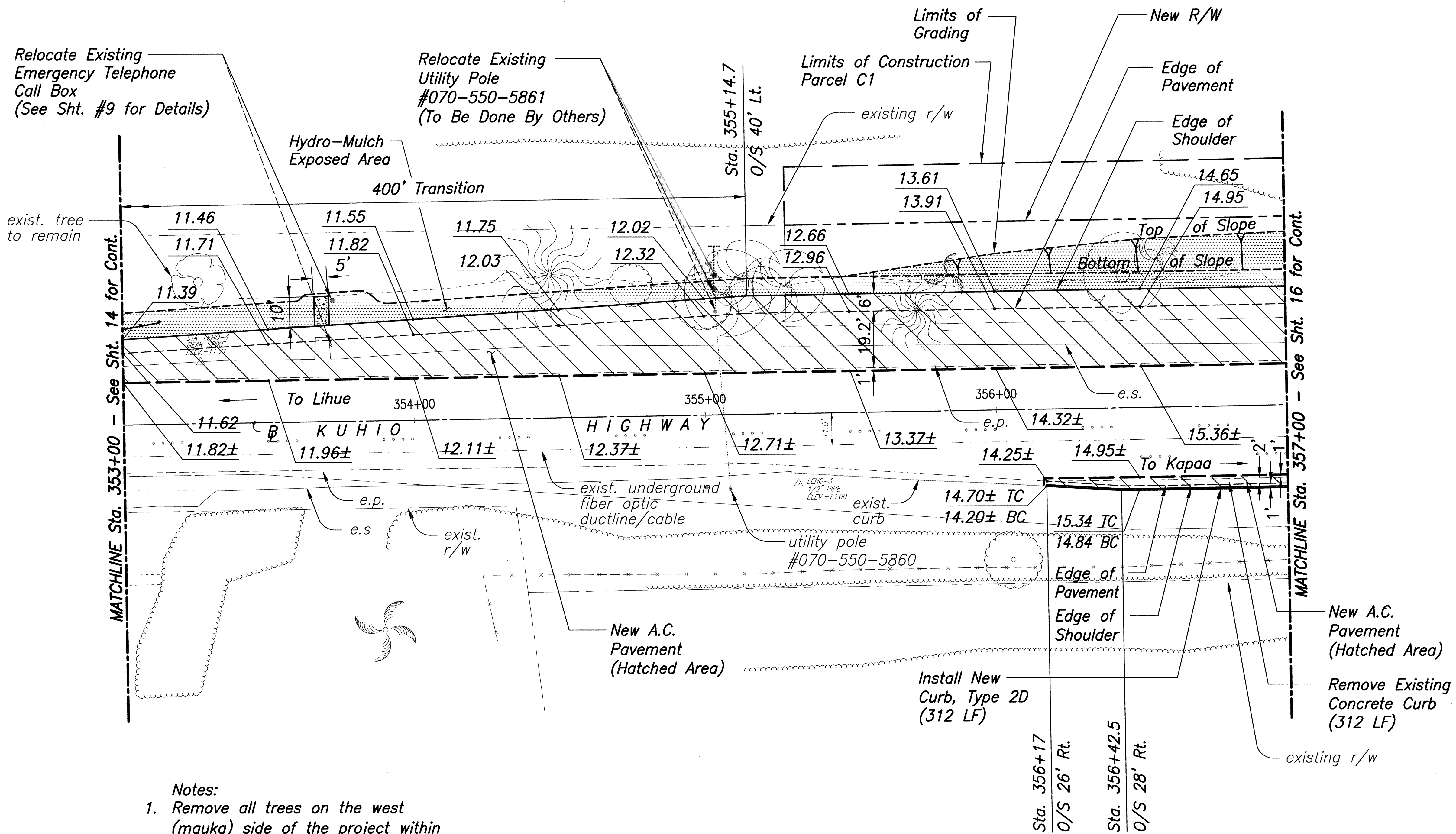


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-03-00	2002	14	30



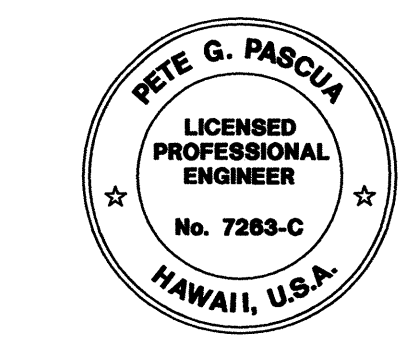
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-03-00	2002	15	30

TRUE NORTH
SCALE: 1 IN = 20 FT



- Notes:
1. Remove all trees on the west (mauka) side of the project within the State right-of-way, unless otherwise noted on the plans.
 2. See Sht. 16 for Benchmark.

SURVEY PLOTTED BY	DATE
DRAWN BY	8/17/02
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Pete G. Pasqua 4/24/02
Signature Expiration Date of the License

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

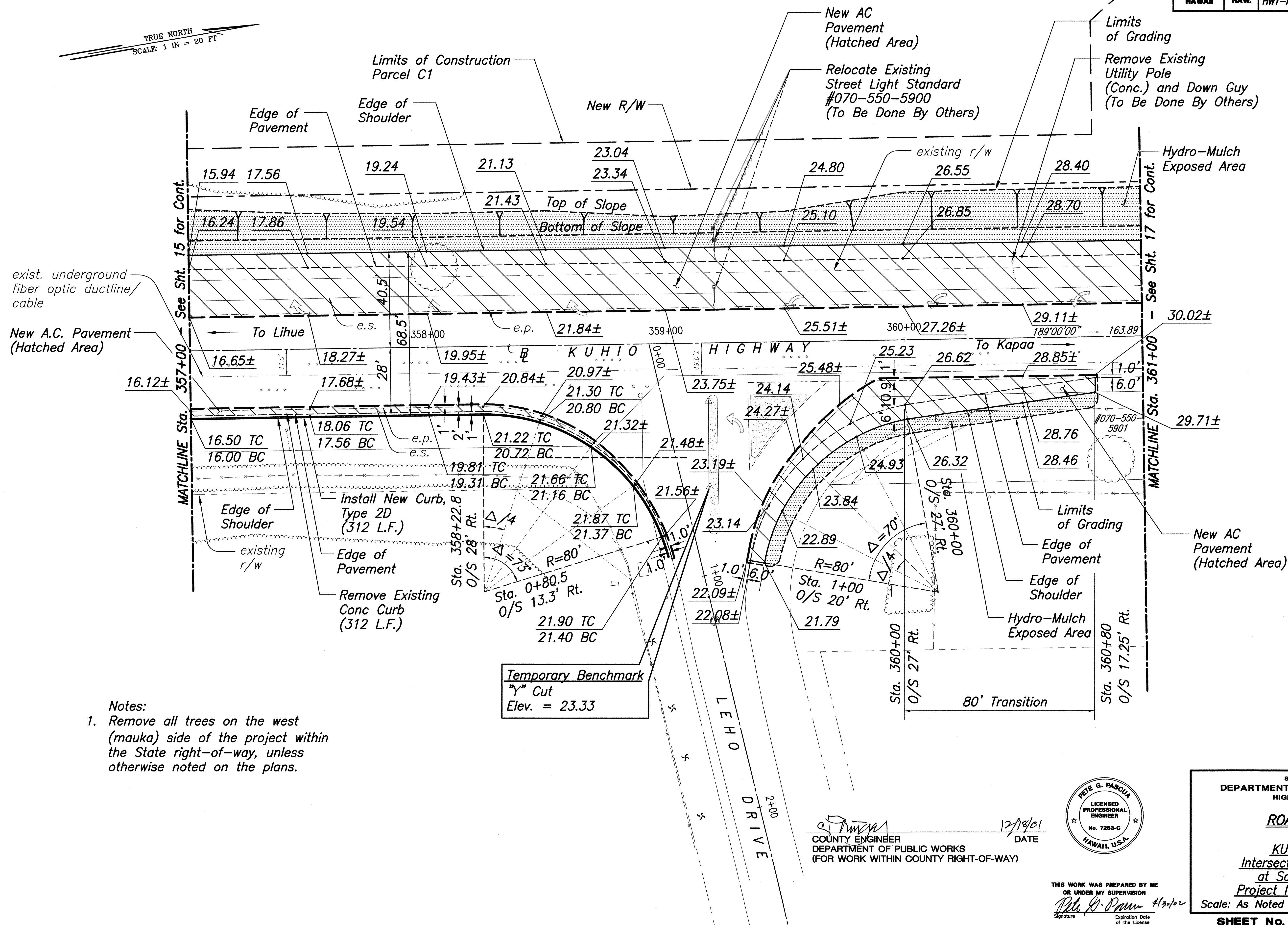
KUHIO HIGHWAY
Intersection Improvements
at South Leho Drive
Project No. HWY-K-03-00

Scale: As Noted Date: Nov. 26, 2001

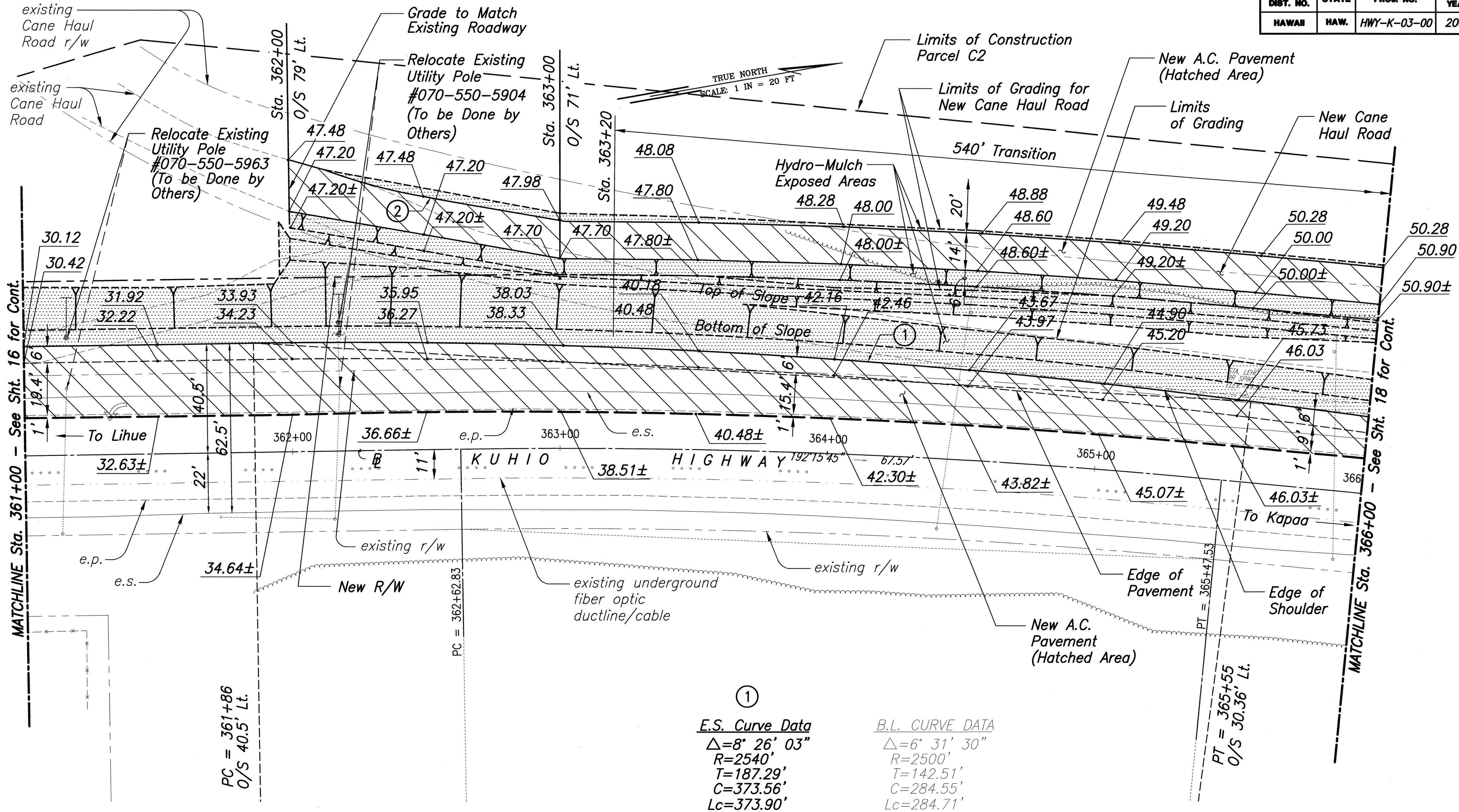
SHEET No. 2 OF 5 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-03-00	2002	16	30



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-03-00	2002	17	30

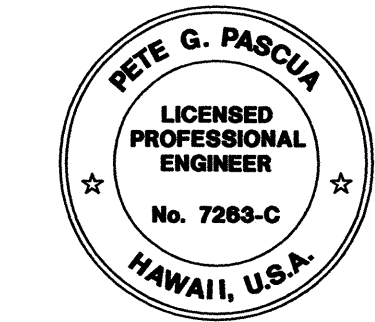


- Note:
1. Remove all trees on the west (mauka) side of the project within the State right-of-way, unless otherwise noted.
 2. See Sht. 16 for Benchmark.

①	
<u>E.S. Curve Data</u>	<u>B.L. CURVE DATA</u>
$\Delta=8^{\circ} 26' 03''$	$\Delta=6^{\circ} 31' 30''$
$R=2540'$	$R=2500'$
$T=187.29'$	$T=142.51'$
$C=373.56'$	$C=284.55'$
$Lc=373.90'$	$Lc=284.71'$

②	
<u>E.S. Curve Data</u>	
<u>(Relocated Cane Haul Road)</u>	
$\Delta=9^{\circ} 0''$	
$R=200'$	
$T=0.62'$	
$C=31.40'$	
$Lc=31.40'$	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	8/17/01
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



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OR UNDER MY SUPERVISION
Pete G. Pasqua 4/24/02
Signature Expiration Date of the License

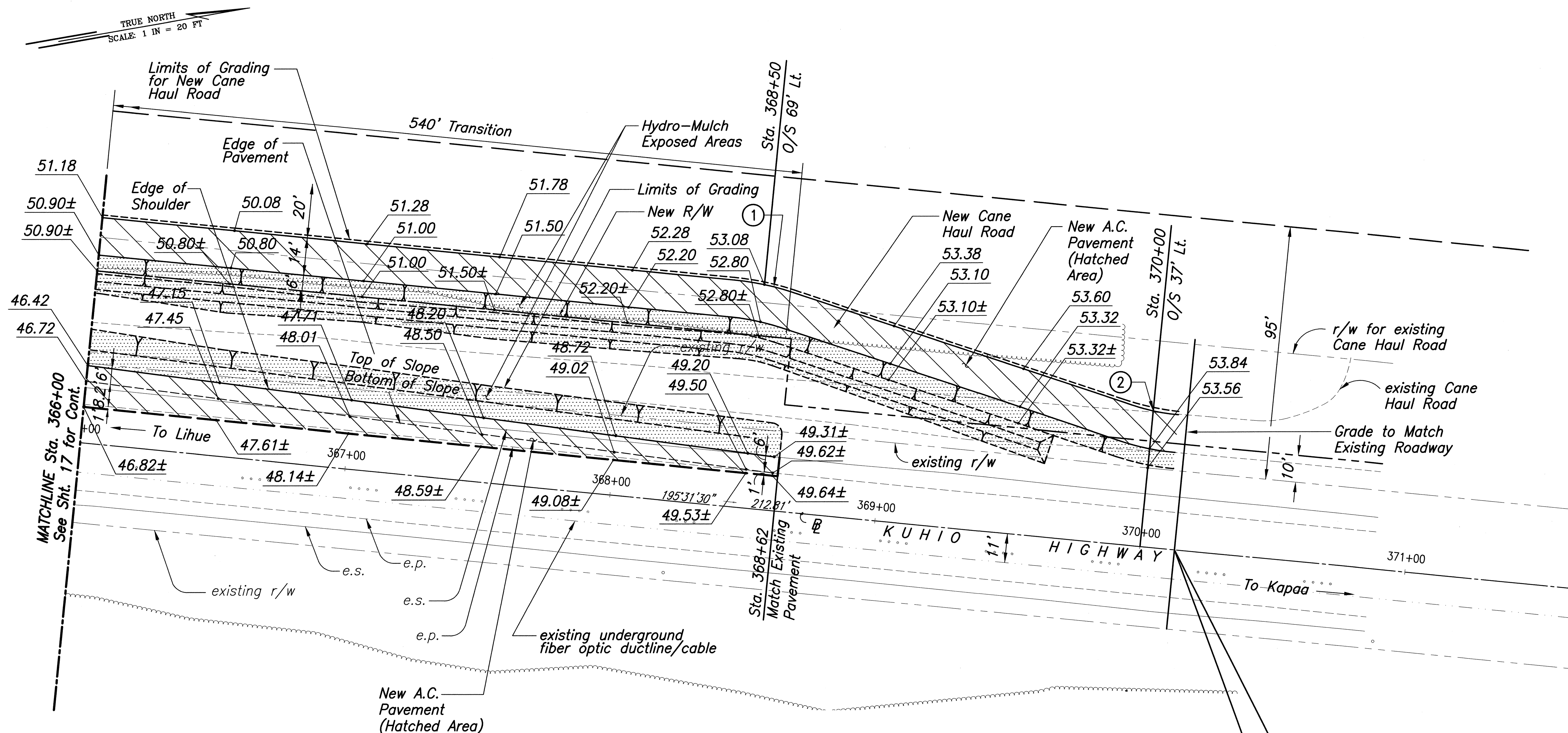
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY
Intersection Improvements
at South Leho Drive
Project No. HWY-K-03-00
Scale: As Noted Date: Nov. 26, 2001

SHEET No. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-03-00	2002	18	30

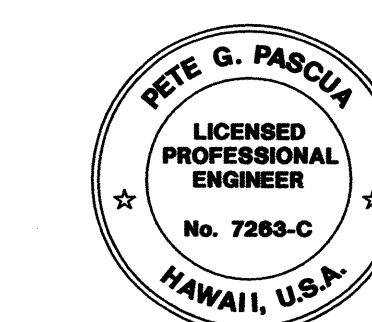


- Note:
1. Remove all trees on the west (mauka) side of the project within the State right-of-way unless otherwise noted on the plans.
 2. See Sht. 16 for Benchmark.

①
E.S. Curve Data
 (Relocated Cane Haul Road)
 $\Delta = 12^\circ 52'$
 $R = 80.00'$
 $T = 0.62'$
 $C = 17.93'$
 $Lc = 17.93'$

②
E.S. Curve Data
 (Relocated Cane Haul Road)
 $\Delta = 13^\circ 10'$
 $R = 96.26'$
 $T = 0.67'$
 $C = 22.07'$
 $Lc = 22.12'$

ORIGINAL PLAN	DATE 8/12/01
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION
 Signature *Pete G. Pascua* 4/20/02
 Expiration Date of the License

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN

KUHIO HIGHWAY
Intersection Improvements
at South Leho Drive
Project No. HWY-K-03-00

Scale: As Noted Date: Nov. 26, 2001

SHEET No. 5 OF 5 SHEETS