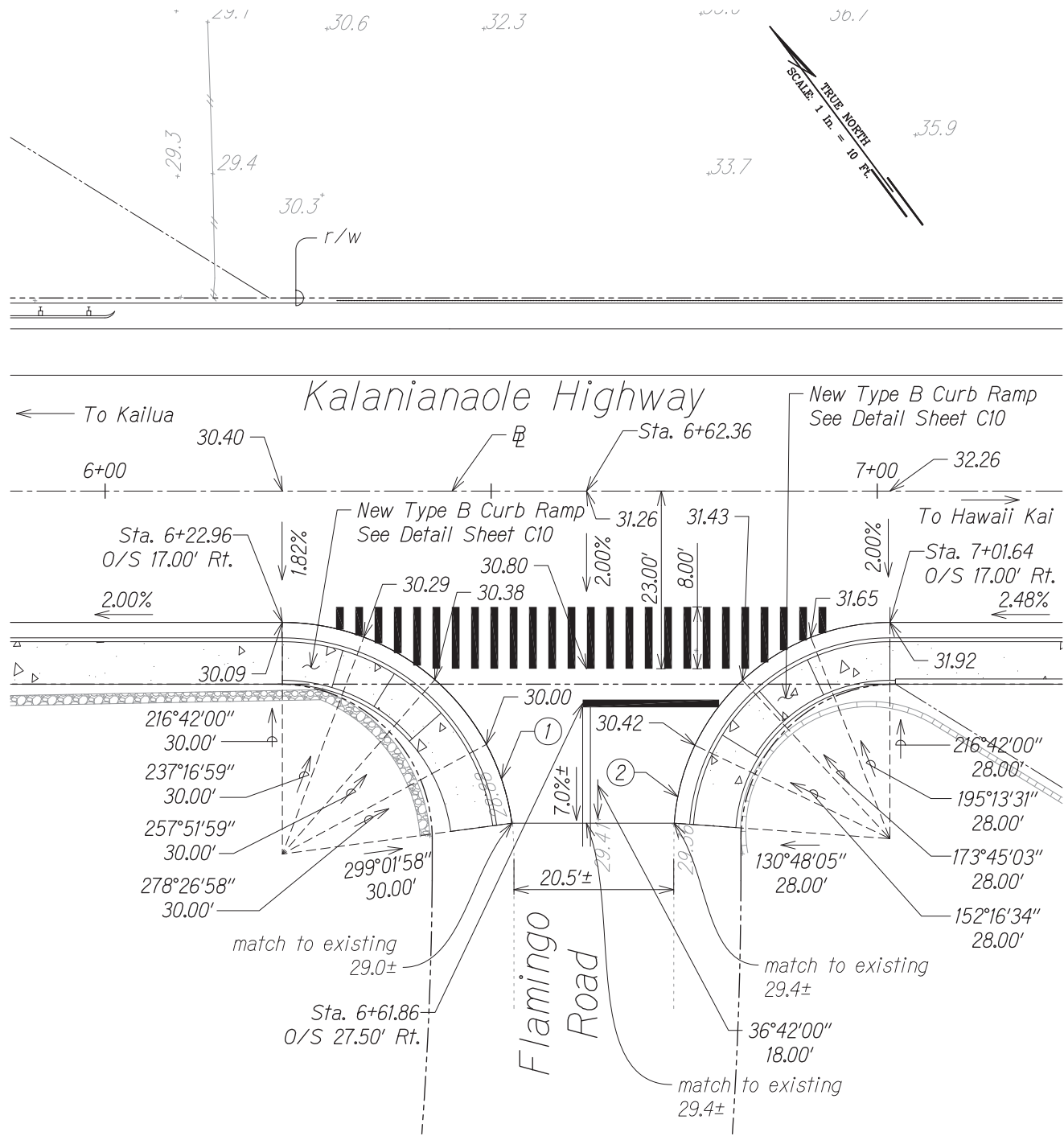
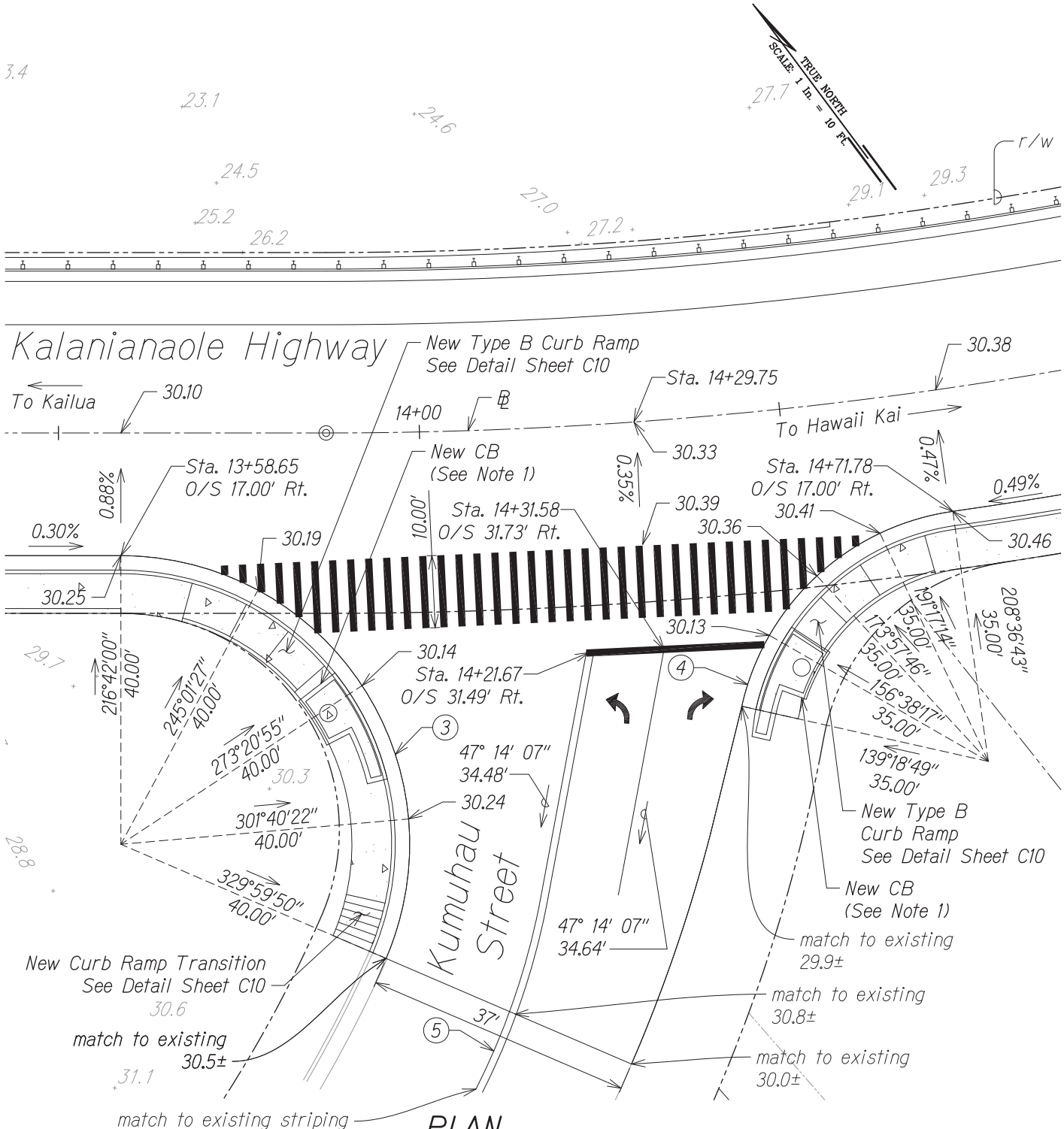
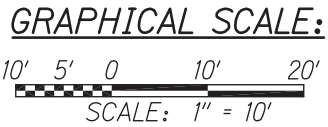


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(53)	2014	38	103



PLAN
SCALE: 1" = 10'

CURVE	①	②	③	④	⑤
Δ	82°19'58"	85°53'55"	113°17'50"	69°17'54"	16°14'38"
$\Delta/2$	41°09'58.9"	42°56'57.5"	56°38'54.9"	34°38'57.1"	8°07'19.1"
R	30.00'	28.00'	40.00'	35.00'	100.00'
Tan.	26.23'	26.06'	60.78'	24.19'	14.27'
C	39.49'	38.16'	66.83'	39.80'	28.26'
Lc	43.11'	41.98'	79.10'	42.33'	28.35'



PLAN
SCALE: 1" = 10'

NOTE:
1. See Roadway Plan C24 for New CBs (Catch Basins) at Kumuhau Street.

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EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSECTION LAYOUT PLAN

KALANIANAʻOLE HIGHWAY IMPROVEMENTS, PHASE 1

Olomana Golf Course To Poalima Street

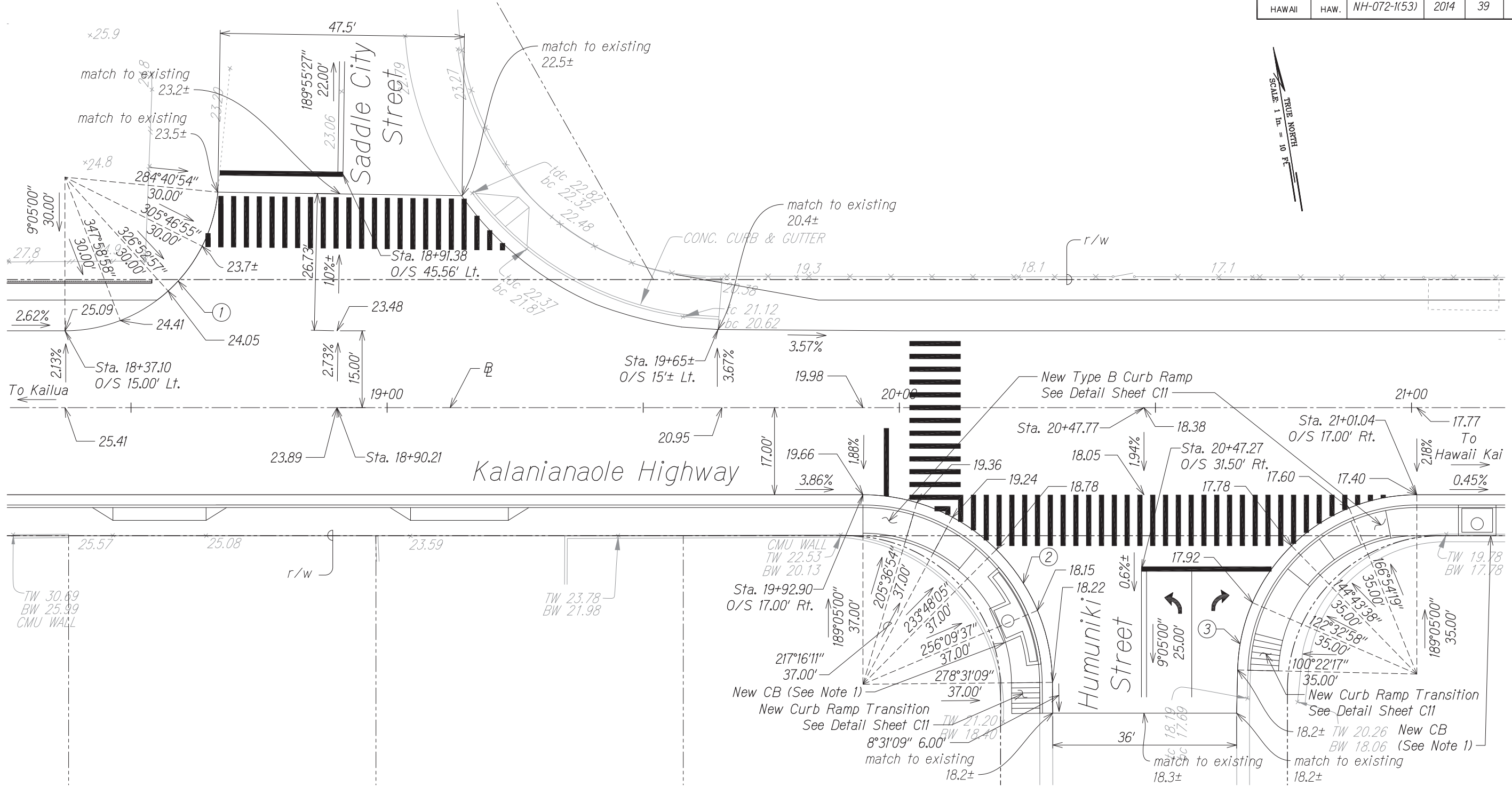
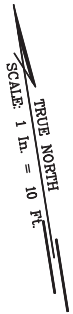
Federal Aid Project No. NH-072-1(53)

Scale: AS NOTED

Date: JULY, 2013

SHEET No. C38 OF 69 SHEETS

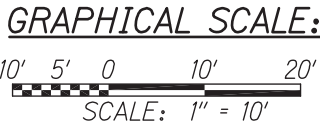
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(53)	2014	39	103



PLAN
SCALE: 1" = 10'

CURVE	①	②	③
Δ	84°24'06"	89°26'09"	88°42'43"
$\Delta/2$	42°12'03.1"	44°43'04.6"	44°21'21.6"
R	30.00'	37.00'	35.00'
Tan.	27.20'	36.64'	34.22'
C	40.30'	52.07'	48.94'
Lc	44.19'	57.76'	54.19'

NOTE:
1. See Roadway Plan C25 for New CBs (Catch Basins) at Humuniki Street.



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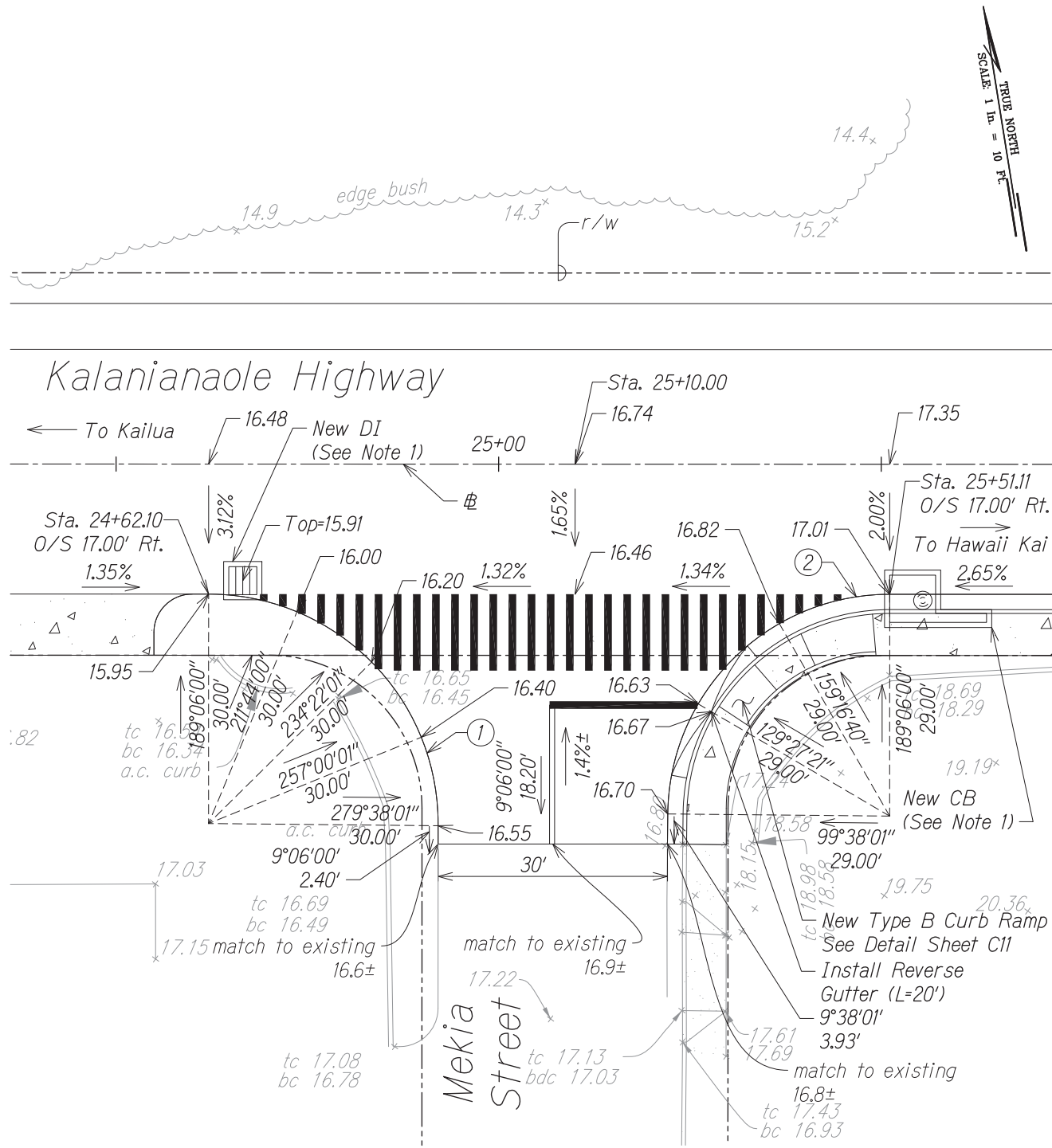
INTERSECTION LAYOUT PLAN

KALANIANA'OLE HIGHWAY IMPROVEMENTS, PHASE 1
Olomana Golf Course To Poalima Street
Federal Aid Project No. NH-072-1(53)

Scale: AS NOTED Date: JULY, 2013

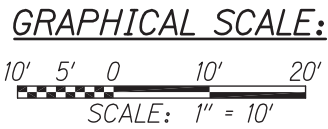
SHEET No. C39 OF 69 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(53)	2014	40	103

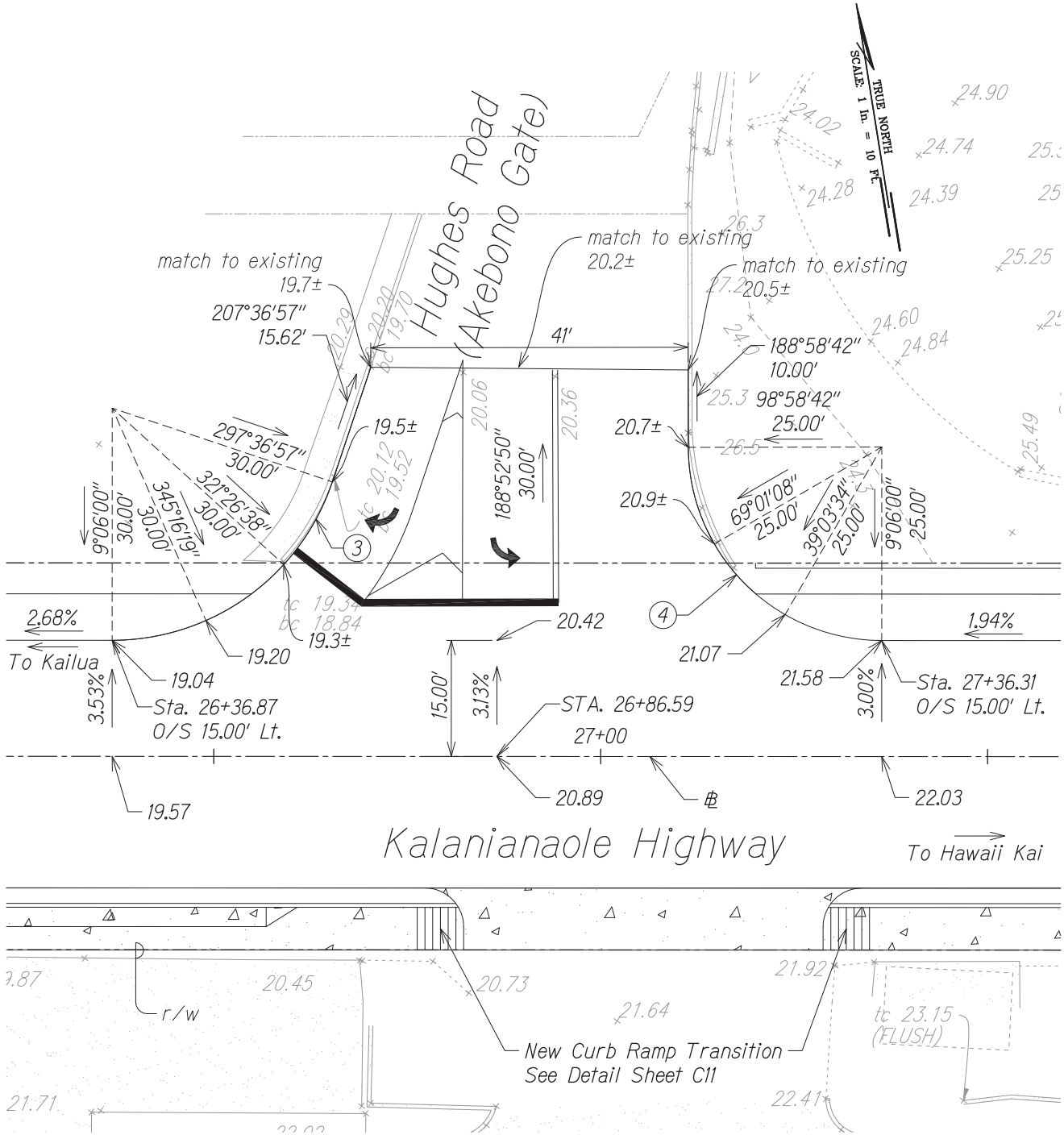


PLAN
SCALE: 1" = 10'

CURVE	①	②	③	④
Δ	90°32'01"	89°27'59"	71°29'03"	89°52'42"
Δ/2	45°16'0.5"	44°43'59.5"	35°44'31.5"	44°56'21.0"
R	30.00'	29.00'	30.00'	25.00'
Tan.	30.28'	28.73'	21.59'	24.95'
C	42.62'	40.82'	35.05'	35.32'
Lc	47.40'	45.28'	37.43'	39.22'



NOTE:
1. See Roadway Plan C26 for New CB (Catch Basin) and New DI (Drain Inlet) at Mekia Street.



PLAN
SCALE: 1" = 10'

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INTERSECTION LAYOUT PLAN

KALANIANAʻOLE HIGHWAY IMPROVEMENTS, PHASE 1

Olomana Golf Course To Poalima Street

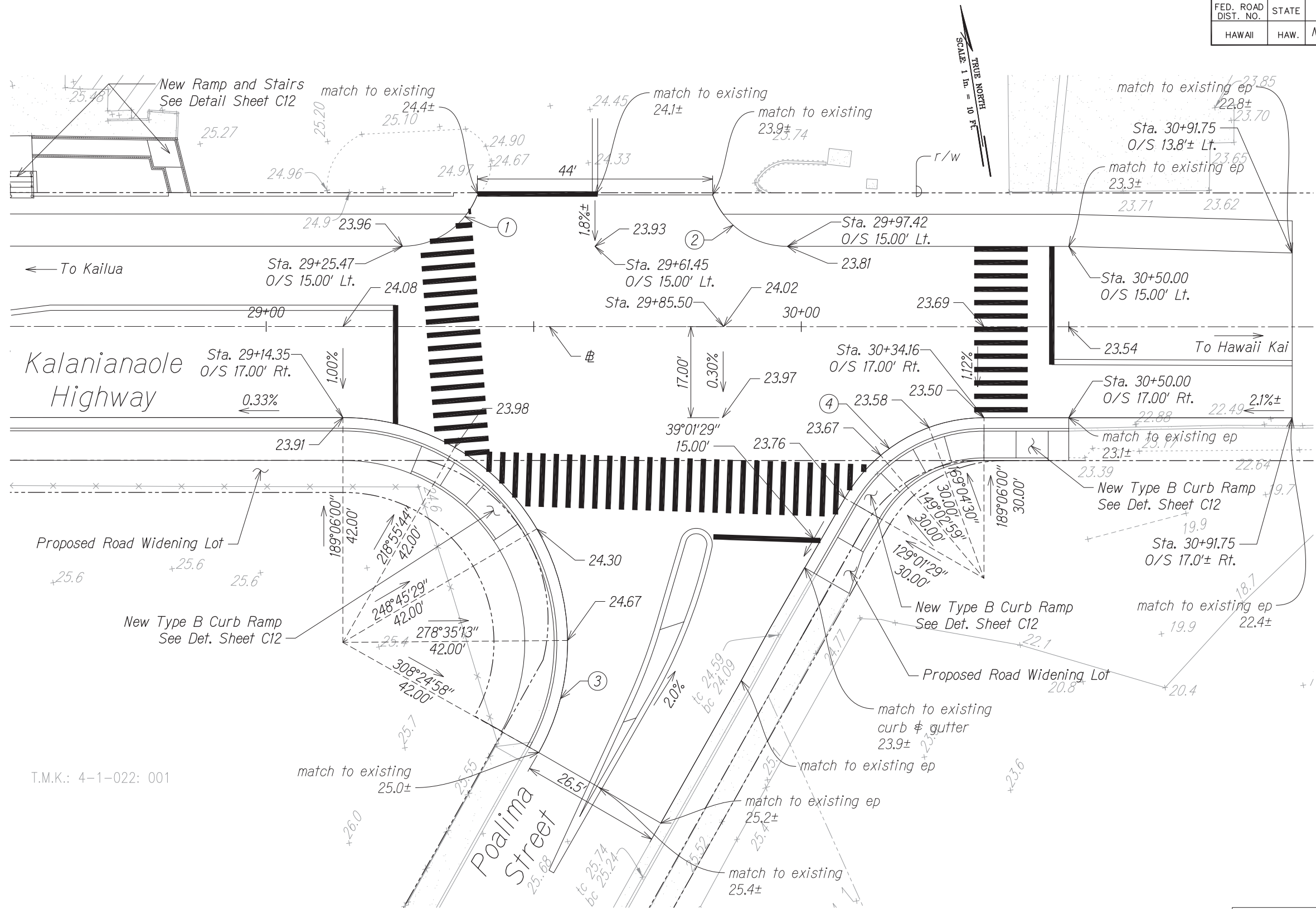
Federal Aid Project No. NH-072-1(53)

Scale: AS NOTED

Date: JULY, 2013

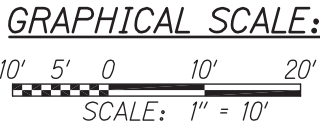
SHEET No. C40 OF 69 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(53)	2014	41	103



CURVE	①	②	③	④
Δ	68°53'59"	68°53'59"	119°18'58"	60°04'31"
Δ/2	34°26'59.5"	34°26'59.5"	59°39'29.0"	30°02'15.5"
R	15.00'	15.00'	42.00'	30.00'
Tan.	10.29'	10.29'	71.75'	17.35'
C	16.97'	16.97'	72.49'	30.03'
Lc	18.04'	18.04'	87.46'	31.46'

PLAN
SCALE: 1" = 10'



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HIGHWAYS DIVISION

INTERSECTION LAYOUT PLAN

KALANIANAʻOLE HIGHWAY IMPROVEMENTS, PHASE 1
Olomana Golf Course To Poalima Street
Federal Aid Project No. NH-072-1(53)

Scale: AS NOTED Date: JULY, 2013

SHEET No. C41 OF 69 SHEETS