

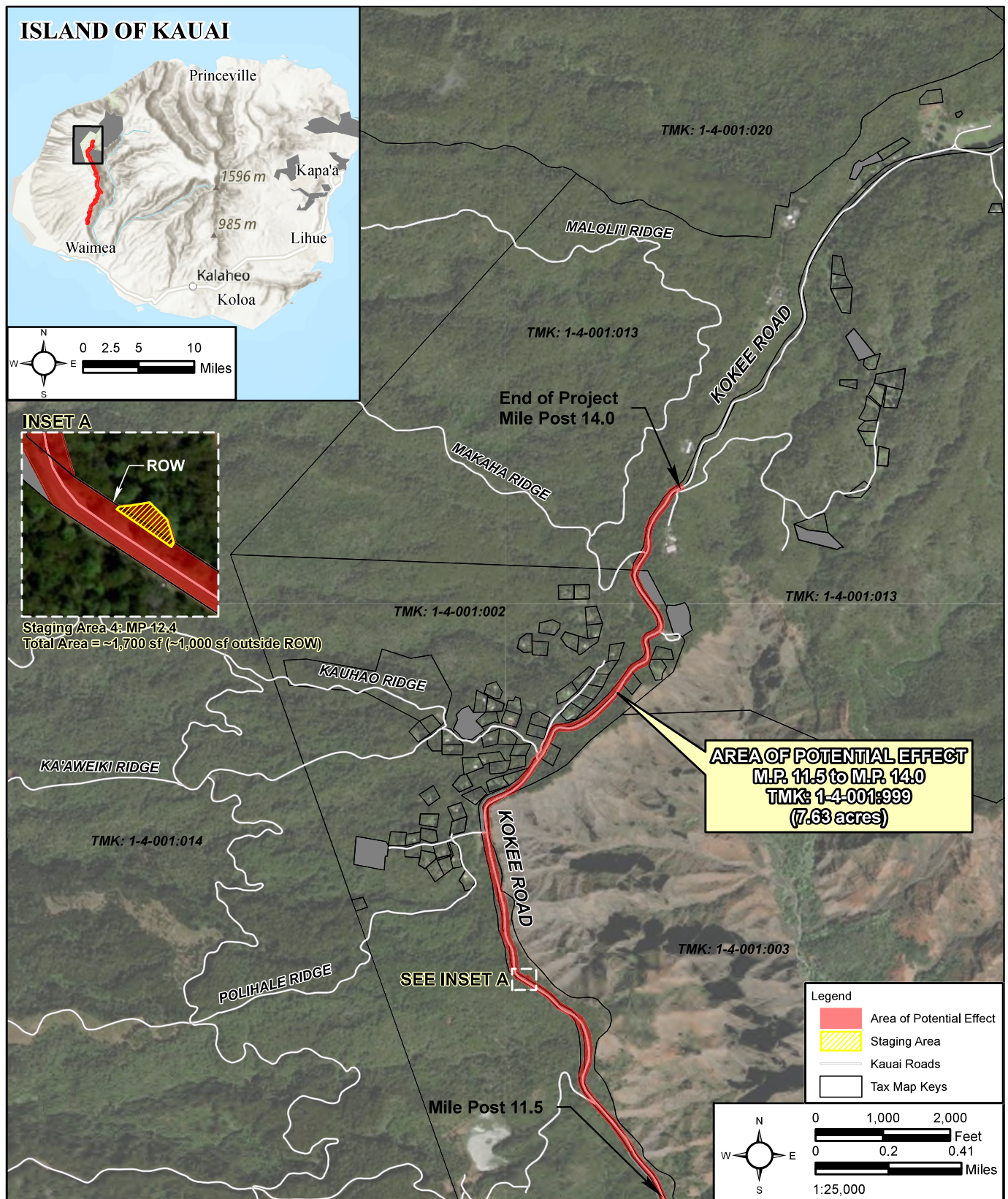
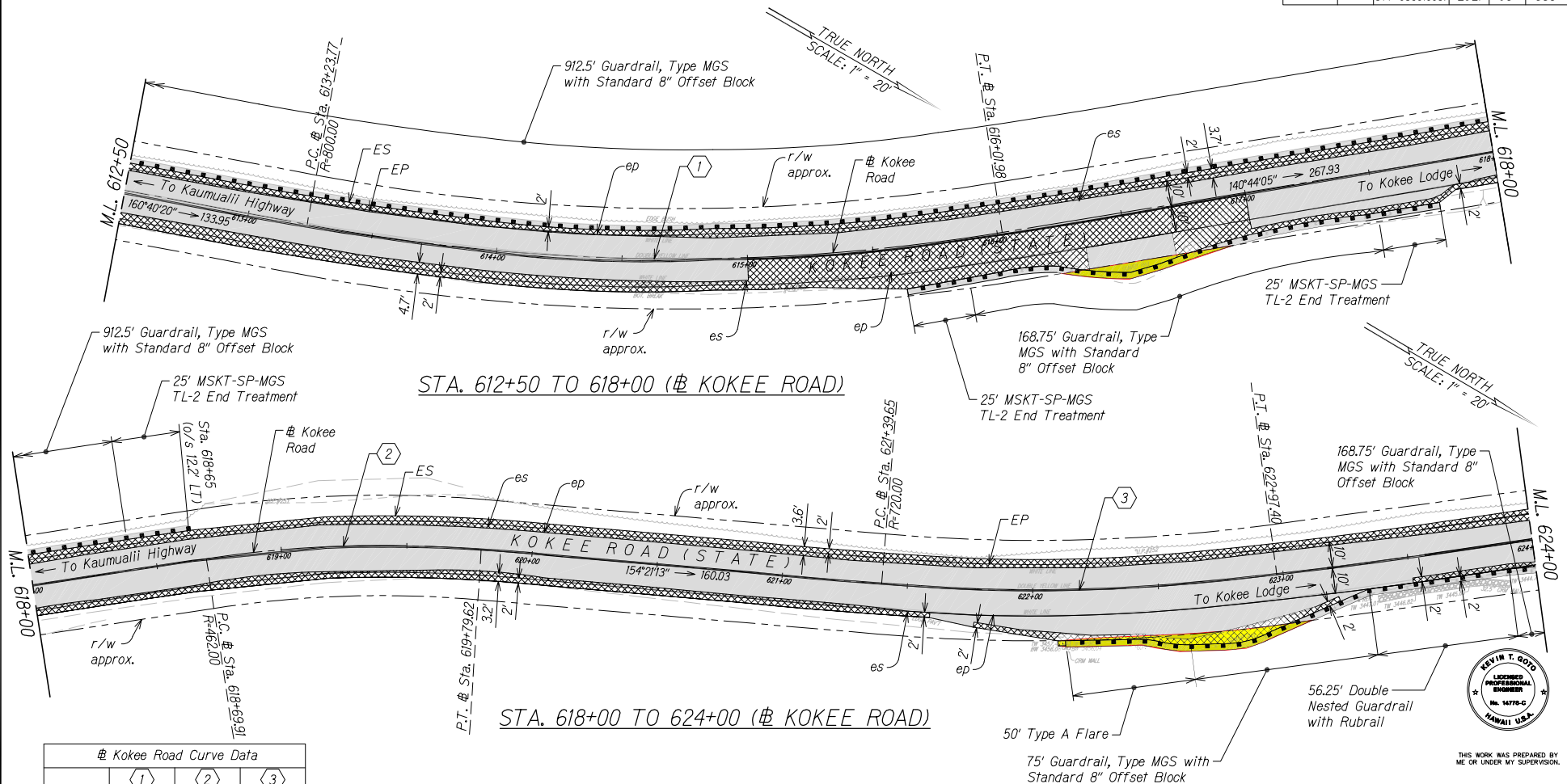


FIGURE 1
AREA OF POTENTIAL EFFECT - M.P. 11.5 TO M.P. 14.0

WAIMEA CANYON DRIVE/KOKEE RD IMPROVEMENTS PHASE 2A
WAIMEA, KAUAI, HAWAII

EXHIBIT A

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	95	385



Kokee Road Curve Data			
	1	2	3
Δ	19°55'31"	13°36'23"	12°33'11"
$\Delta/2$	9°57'46"	6°48'12"	6°16'36"
R	800'	462'	720'
T	140.52'	55.12'	79.19'
C	276.81'	109.46'	157.43'
LC	278.21'	109.71'	157.75'

Legend:

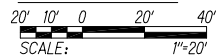


Full Depth Pavement



2" AC Pavement Cold Plane and Overlay

GRAPHIC SCALE:



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APRIL 30, 2022
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

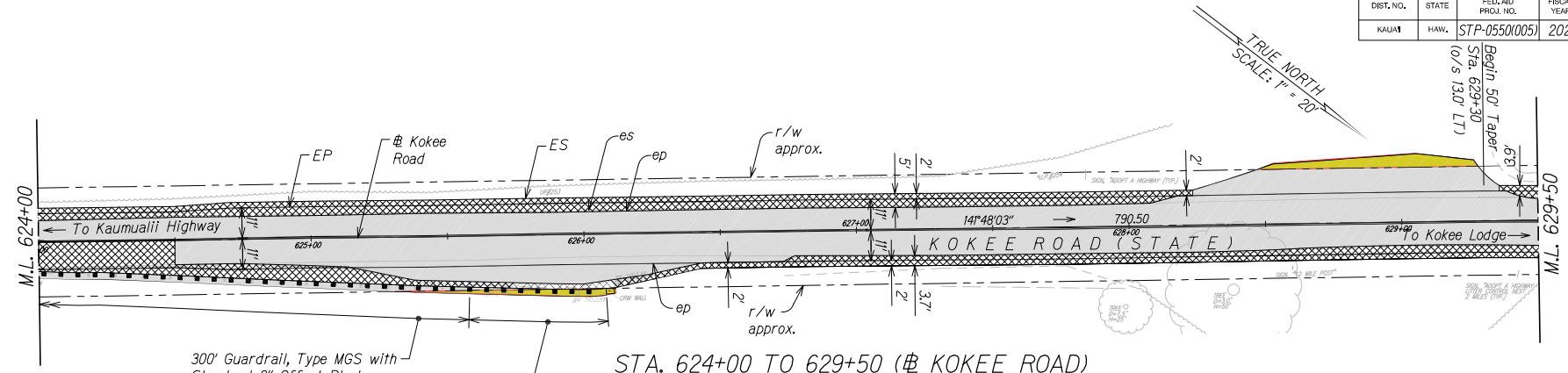
ROADWAY PLAN

WAIPIA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0
Project No. 550AB-01-06

Scale: 1" = 20' Date: September 2021

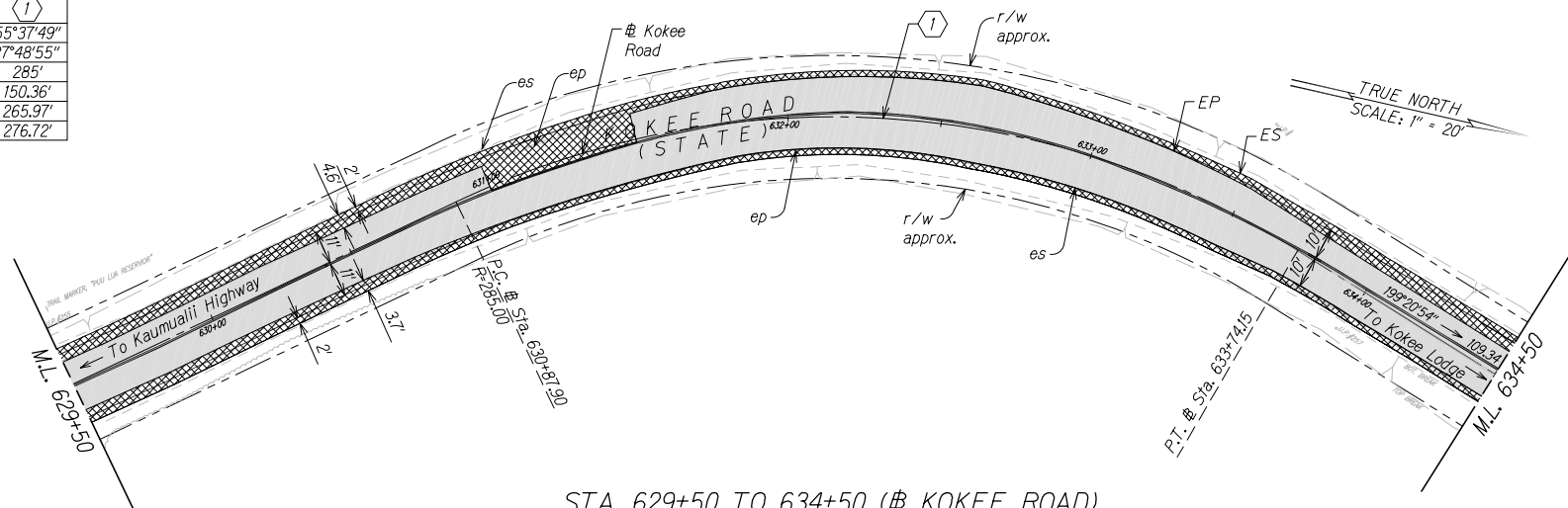
SHEET No. 35 OF 46 SHEETS

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	96	385



Kokee Road Curve Data

Δ	55°37'49"
$\Delta/2$	27°48'55"
R	285'
T	150.36'
C	265.97'
LC	276.72'



Legend:

- Full Depth Pavement
- 2" AC Pavement Cold Plane and Overlay



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
NO.	



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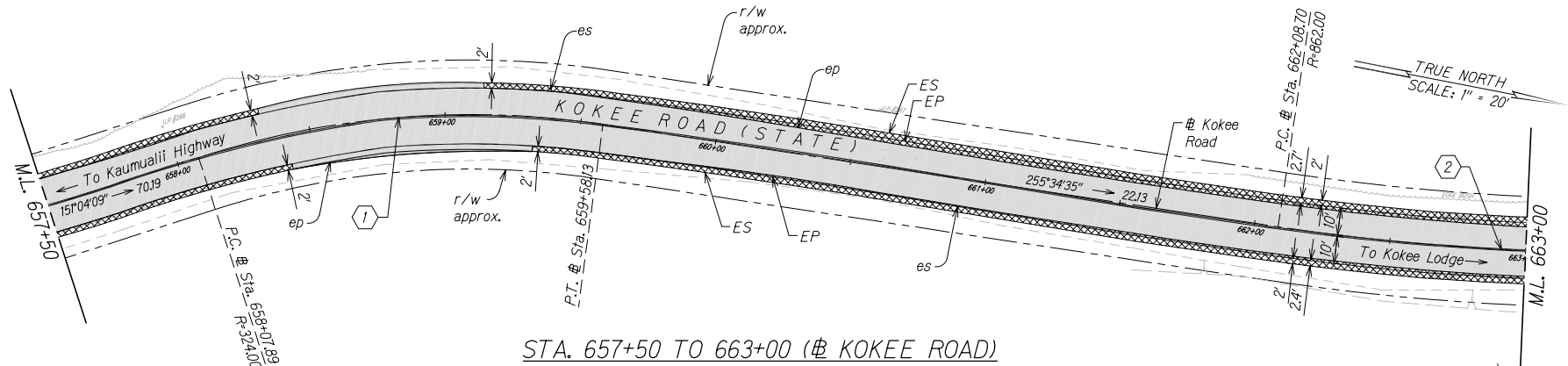
WILSON OKAMOTO CORPORATION
JUNE 30, 2022
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

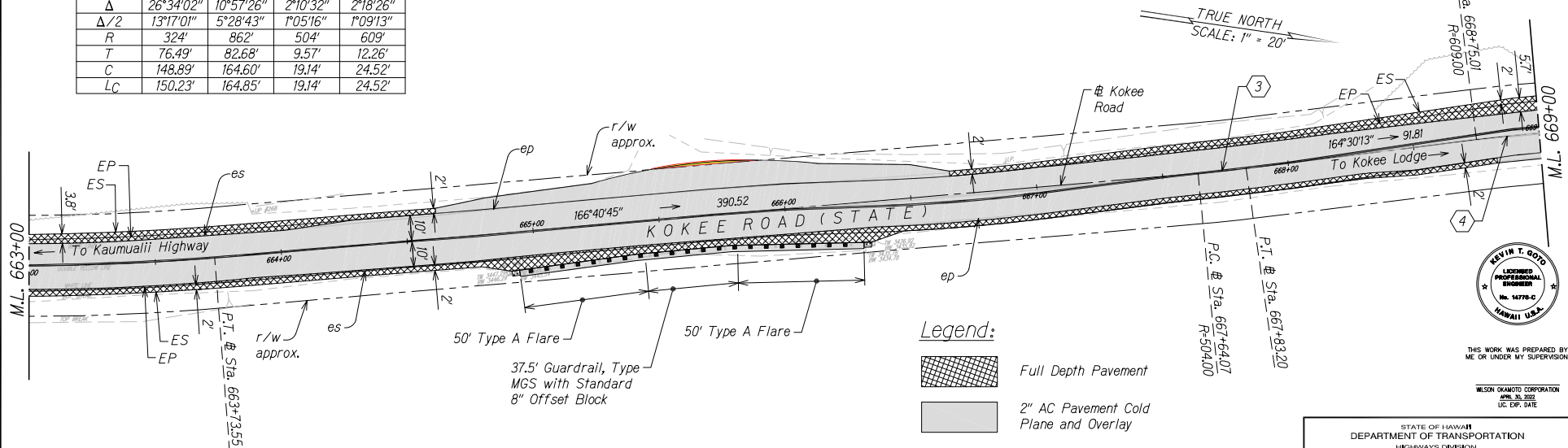
ROADWAY PLAN

WAIIMEA CANYON DRIVE /
KOEKE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0
Project No. 550AB-01-06
Scale: 1" = 20' Date: September 2021
SHEET No. 36 OF 46 SHEETS

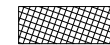
DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	99	385



Kokee Road Curve Data				
	(1)	(2)	(3)	(4)
Δ	26°34'02"	10°57'26"	2°10'32"	2°18'26"
$\Delta/2$	13°17'01"	5°28'43"	1°05'16"	1°09'13"
R	324'	862'	504'	609'
T	76.49'	82.68'	9.57'	12.26'
C	148.89'	164.60'	19.14'	24.52'
LC	150.23'	164.85'	19.14'	24.52'



Legend:



Full Depth Pavement



2" AC Pavement Cold Plane and Overlay

GRAPHIC SCALE:
20' 10' 0 20' 40'
SCALE: 1"=20'

STA. 663+00 TO 669+00 (# KOKEE ROAD)



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APRIL 30, 2022
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

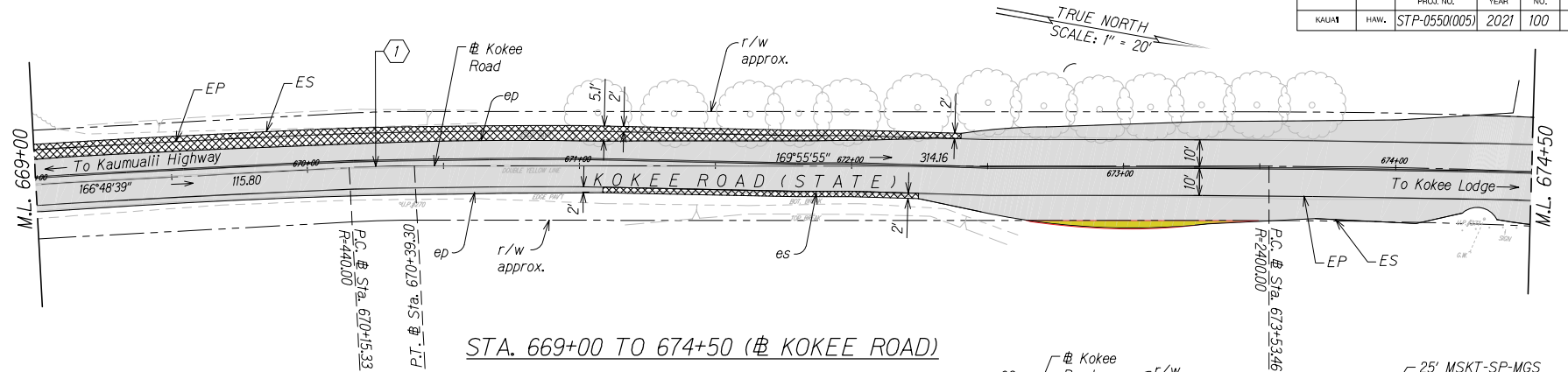
ROADWAY PLAN

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0

Project No. 550AB-01-06
Scale: 1" = 20' Date: September 2021

SHEET No. 39 OF 46 SHEETS

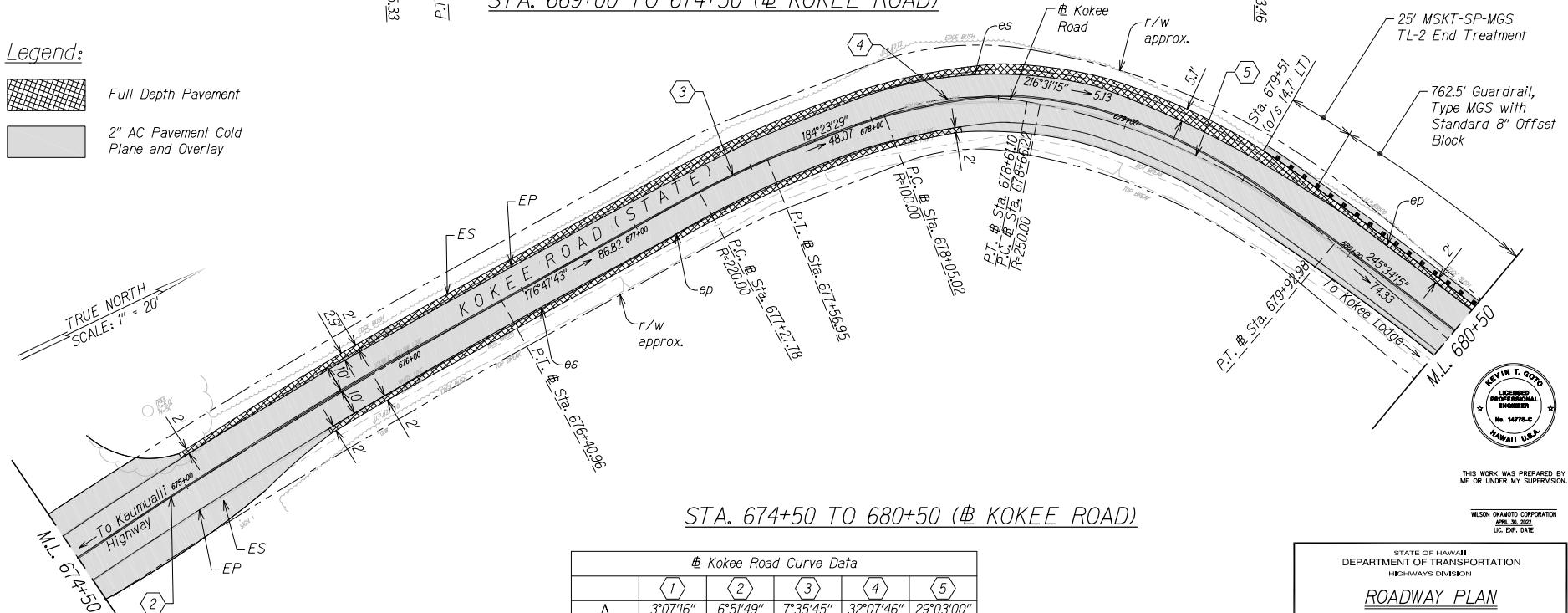
DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	100	385



STA. 669+00 TO 674+50 (# KOKEE ROAD)

Legend:

-  Full Depth Pavement
-  2" AC Pavement Cold Plane and Overlay



STA. 674+50 TO 680+50 (# KOKEE ROAD)

# Kokee Road Curve Data					
	1	2	3	4	5
Δ	3°07'16"	6°51'49"	7°35'45"	32°07'46"	29°03'00"
$\Delta/2$	1°33'38"	3°25'54"	3°47'53"	16°03'53"	14°31'30"
R	440'	2400'	220'	100'	250'
T	11.99'	143.92'	14.60'	28.80'	64.77'
C	23.96'	287.33'	29.14'	55.34'	125.40'
LC	23.97'	287.50'	29.17'	66.08'	126.75'

GRAPHIC SCALE:
20' 10' 0 20' 40'
SCALE: 1"=20'



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JUNE 30, 2022
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0
Project No. 550AB-01-06

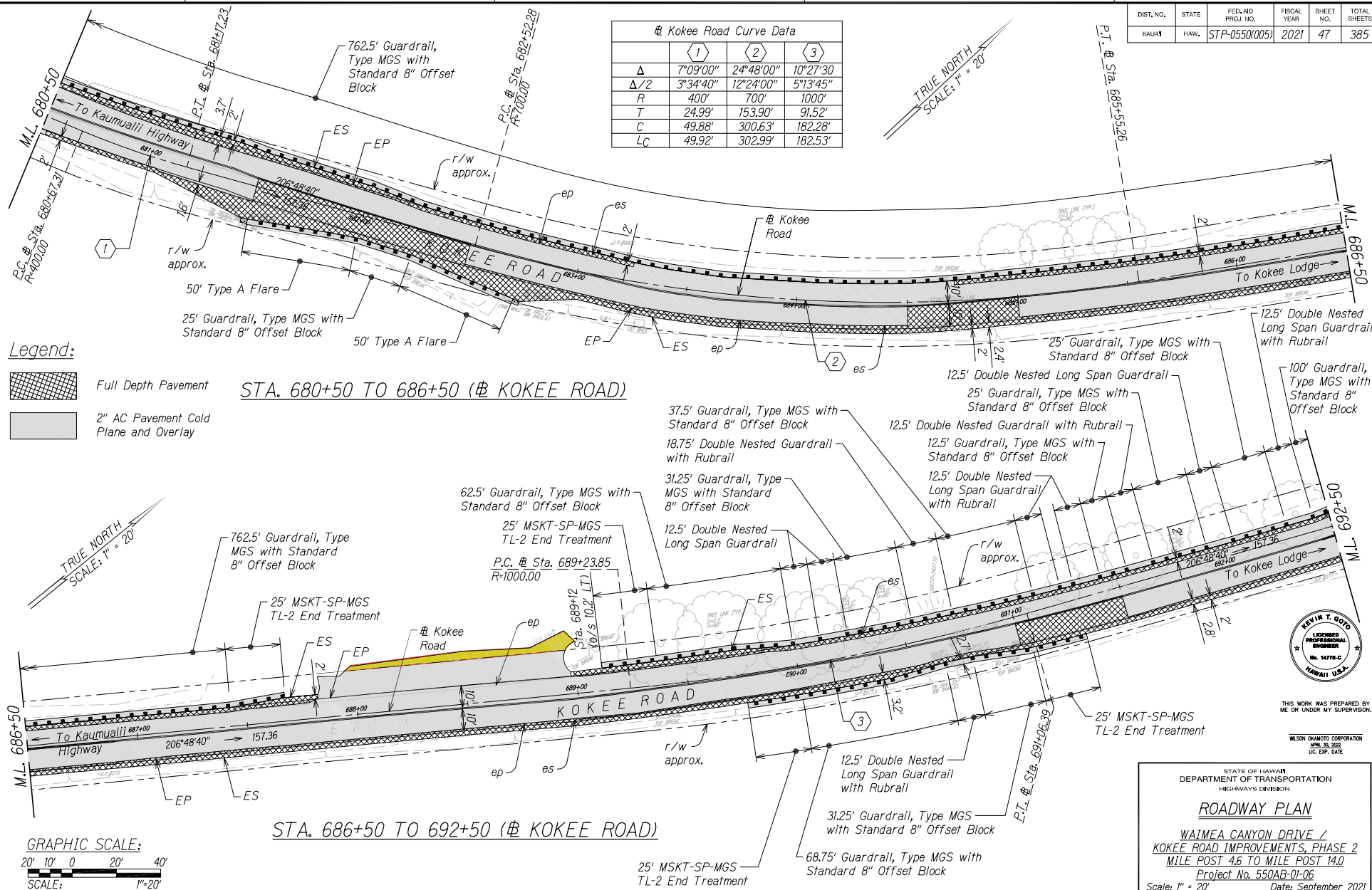
Scale: 1" = 20' Date: September 2021

SHEET No. 40 OF 46 SHEETS

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	47	385

Kokee Road Curve Data			
	1	2	3
Δ	7°09'00"	24°48'00"	10°27'30"
$\Delta/2$	3°34'40"	12°24'00"	5°13'45"
R	400'	700'	1000'
T	24.99'	153.90'	91.52'
C	49.88'	300.63'	182.28'
LC	49.92'	302.99'	182.53'

TRUE NORTH
SCALE: 1" = 20'



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JUNE 30, 2022
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

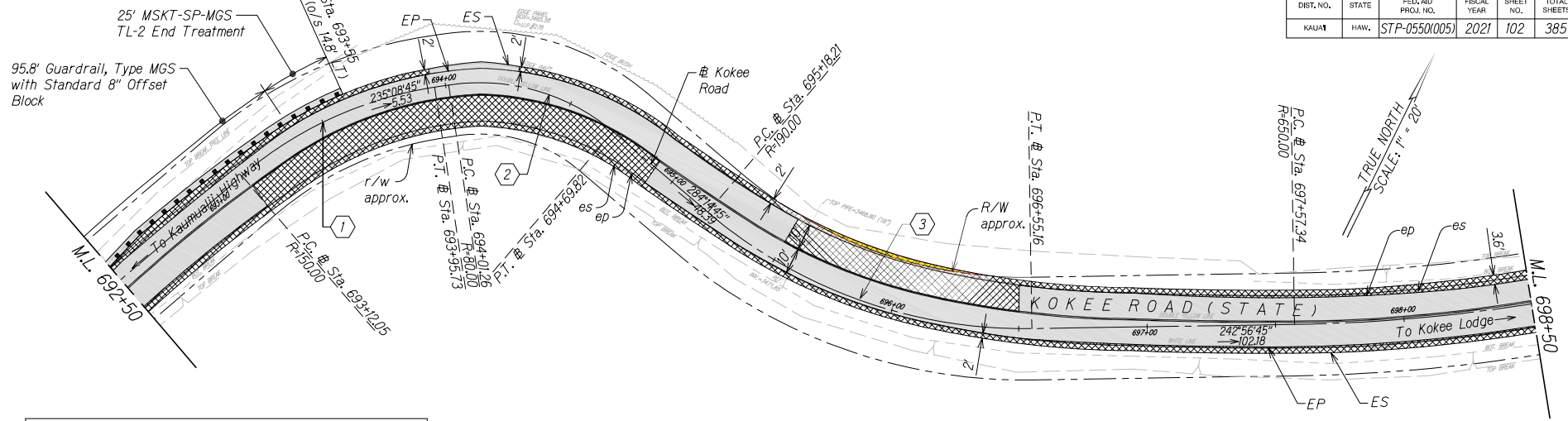
ROADWAY PLAN

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0
Project No. 550AB-01-06

Scale: 1" = 20' Date: September 2021

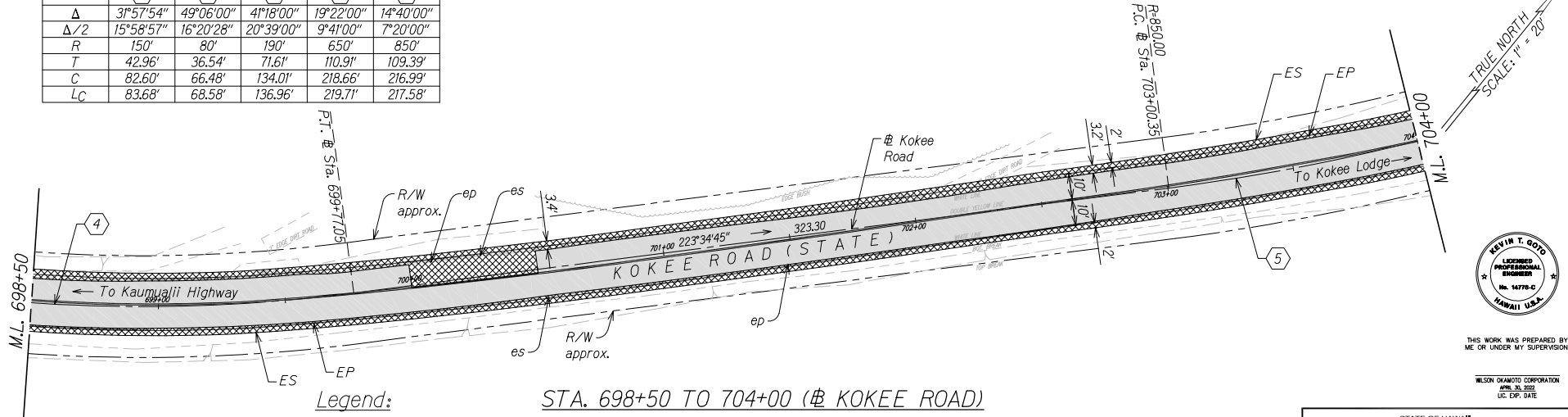
SHEET No. 41 OF 46 SHEETS

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	102	385



Kokee Road Curve Data					
	(1)	(2)	(3)	(4)	(5)
Δ	3°57'54"	49°06'00"	41°18'00"	19°22'00"	14°40'00"
$\Delta/2$	1°58'57"	16°20'28"	20°39'00"	9°41'00"	7°20'00"
R	150'	80'	190'	650'	850'
T	42.96'	36.54'	71.61'	110.91'	109.39'
C	82.60'	66.48'	134.01'	218.66'	216.99'
LC	83.68'	68.58'	136.96'	219.71'	217.58'

STA. 692+50 TO 698+50 (# KOKEE ROAD)



STA. 698+50 TO 704+00 (# KOKEE ROAD)

Legend:

Full Depth Pavement

2" AC Pavement Cold Plane and Overlay

GRAPHIC SCALE:

20' 10' 0 20' 40'

SCALE: 1" = 20'



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JUNE 30, 2022
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

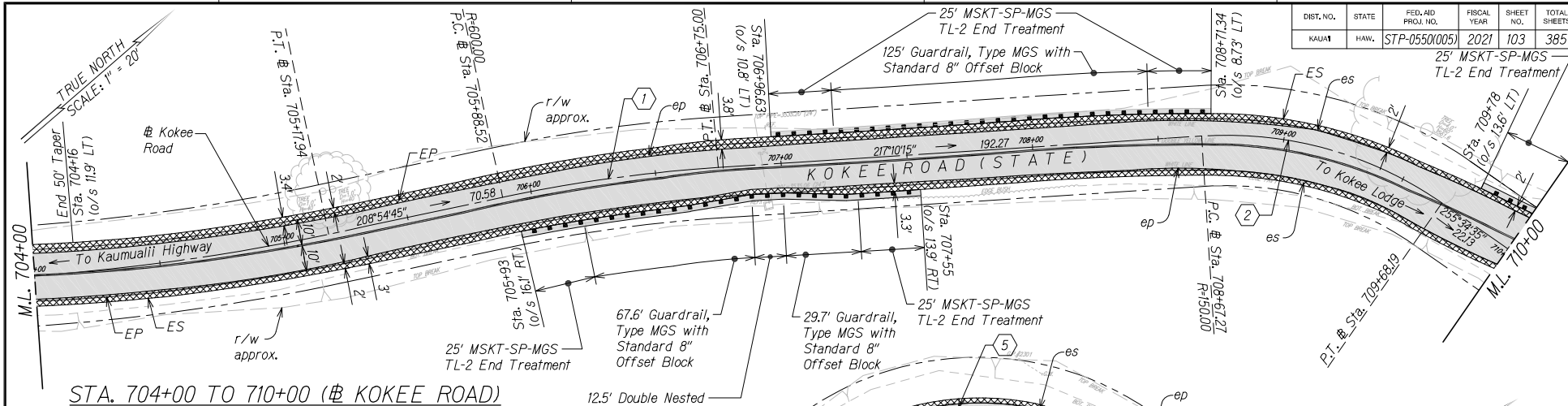
ROADWAY PLAN

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0
Project No. 550AB-01-06

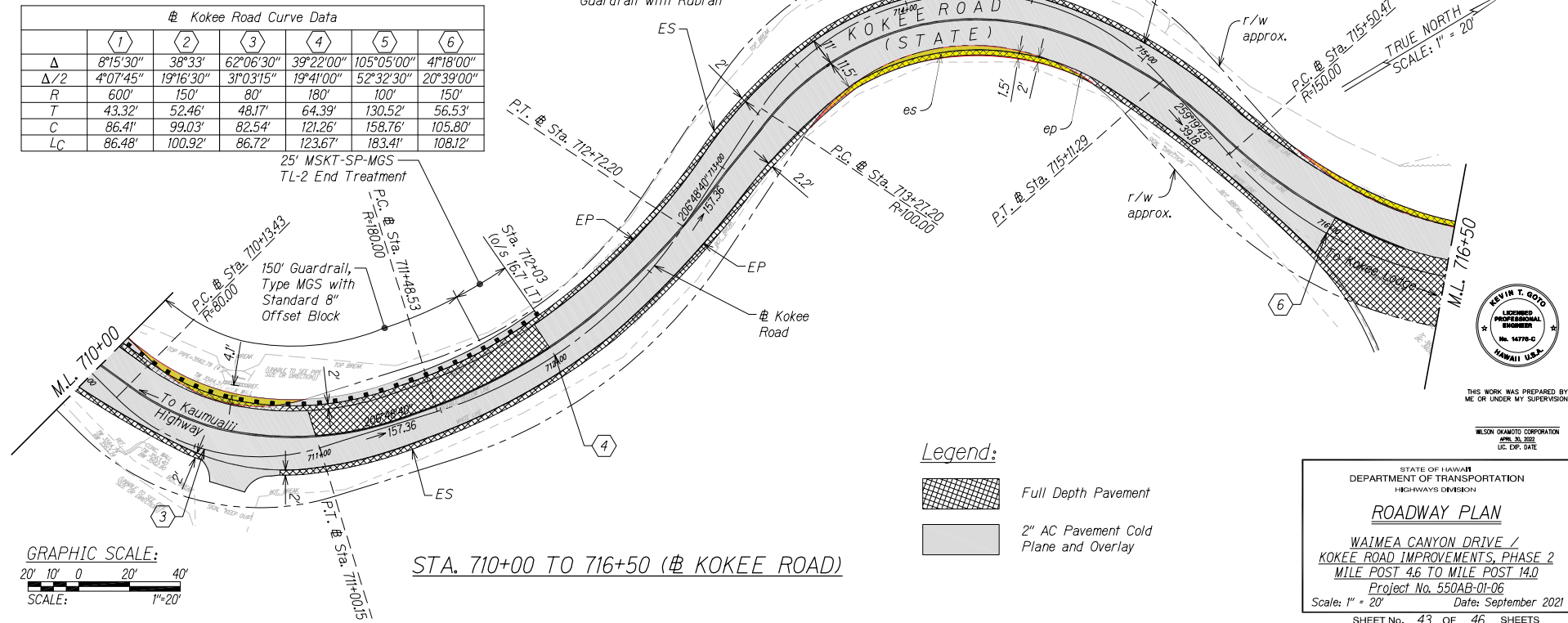
Scale: 1" = 20' Date: September 2021

SHEET No. 42 OF 46 SHEETS

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	103	385



Kokee Road Curve Data						
	1	2	3	4	5	6
Δ	8°15'30"	38°33'	62°06'30"	39°22'00"	105°05'00"	41°18'00"
$\Delta/2$	4°07'45"	19°16'30"	31°03'15"	19°41'00"	52°32'30"	20°39'00"
R	600'	150'	80'	180'	100'	150'
T	43.32'	52.46'	48.17'	64.39'	130.52'	56.53'
C	86.41'	99.03'	82.54'	121.26'	158.76'	105.80'
LC	86.48'	100.92'	86.72'	123.67'	183.41'	108.12'



GRAPHIC SCALE:
20' 10' 0' 20' 40'
SCALE: 1"=20'

Legend:

- Full Depth Pavement
- 2" AC Pavement Cold Plane and Overlay



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LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

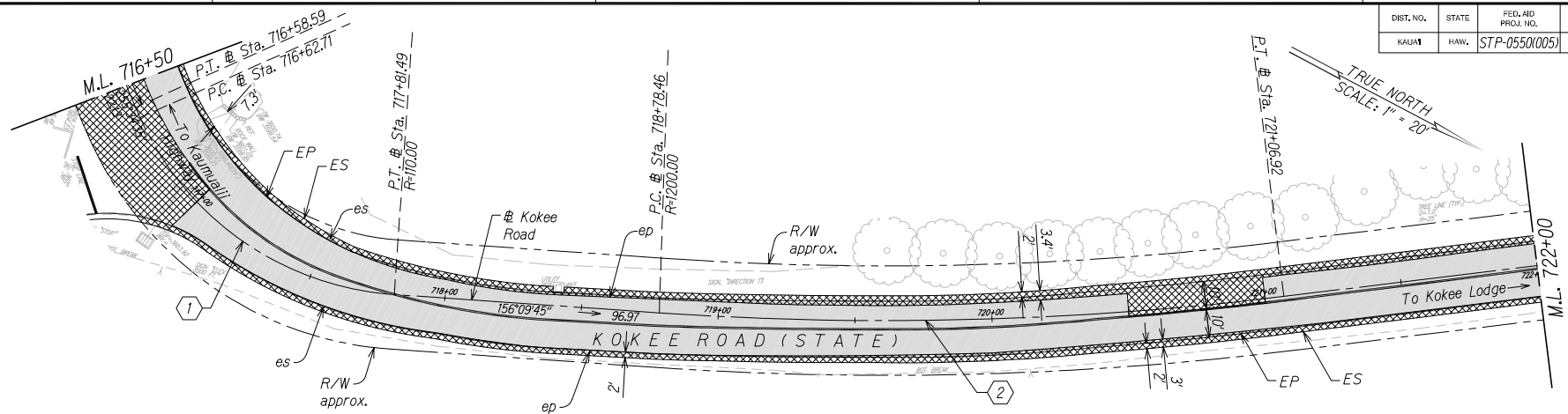
ROADWAY PLAN

WAIMEA CANYON DRIVE /
Kokee Road Improvements, Phase 2
MILE POST 4.6 TO MILE POST 14.0
Project No. 550AB-01-06

Scale: 1" = 20' Date: September 2021

SHEET No. 43 OF 46 SHEETS

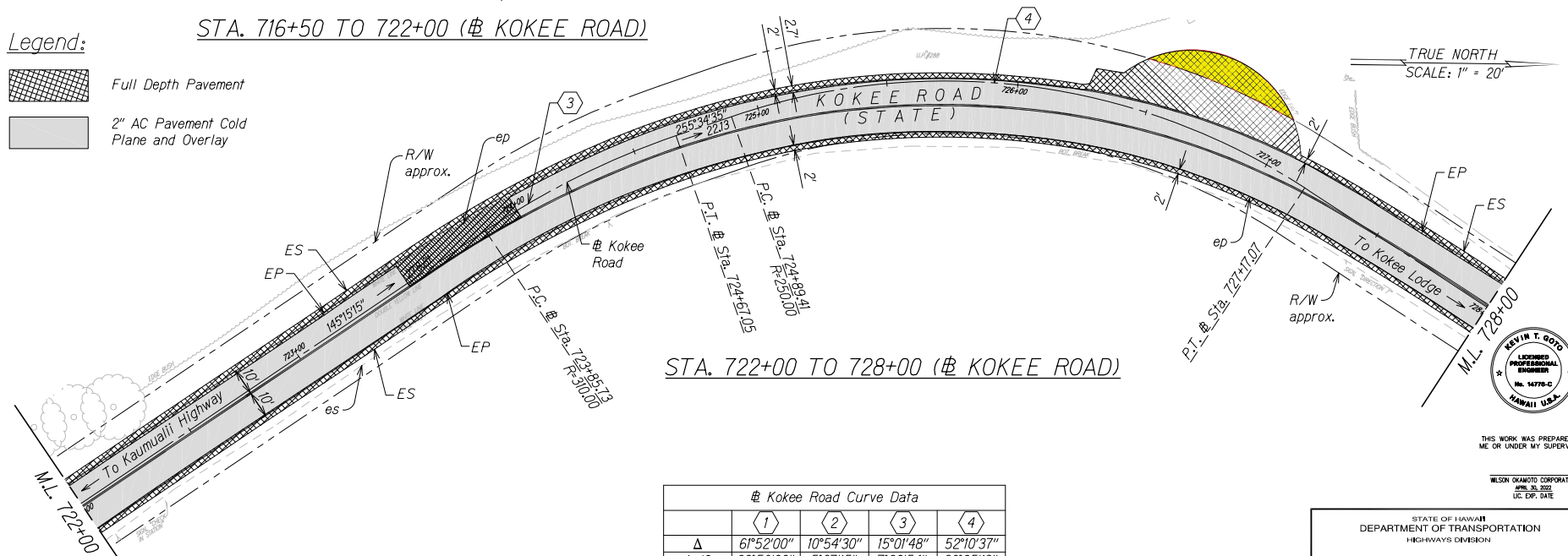
DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	104	385



Legend:

- Full Depth Pavement
- 2\"/>

STA. 716+50 TO 722+00 (# KOKEE ROAD)



STA. 722+00 TO 728+00 (# KOKEE ROAD)

# Kokee Road Curve Data				
	1	2	3	4
Δ	61°52'00"	10°54'30"	15°01'48"	52°10'37"
Δ/2	30°56'00"	5°27'15"	7°30'54"	26°05'19"
R	110'	1200'	310'	250'
T	65.92'	114.58'	40.89'	122.41'
C	113.09'	228.12'	81.09'	219.88'
LC	118.78'	228.46'	81.32'	227.67'

GRAPHIC SCALE:
20' 10' 0 20' 40'
SCALE: 1"=20'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

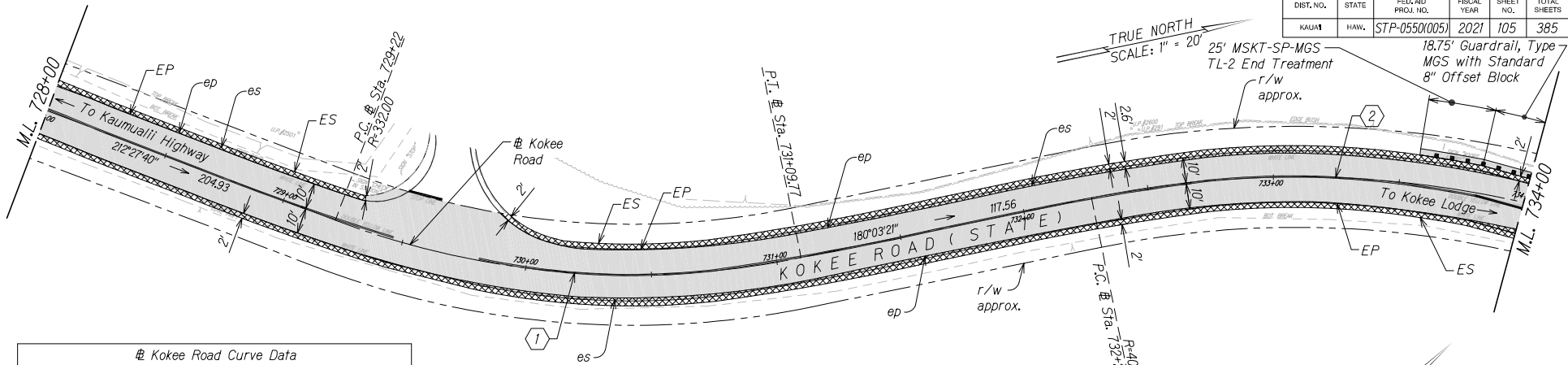
WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0
Project No. 550AB-01-06
Scale: 1" = 20' Date: September 2021
SHEET No. 44 OF 46 SHEETS



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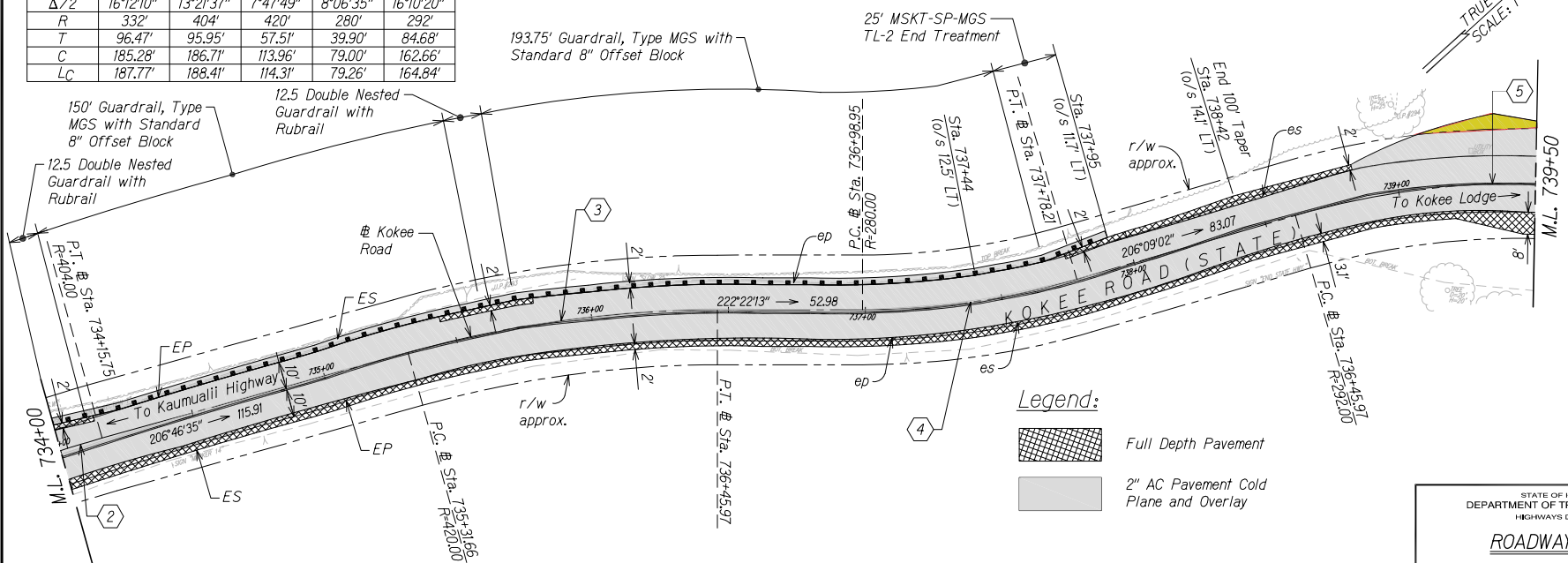
WILSON OKAMOTO CORPORATION
APRIL 30, 2022
LIC. EXP. DATE

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	105	385



Kokee Road Curve Data					
	1	2	3	4	5
Δ	32°24'19"	26°43'14"	15°35'38"	16°13'10"	32°20'40"
$\Delta/2$	16°12'10"	13°21'37"	7°47'49"	8°06'35"	16°10'20"
R	332'	404'	420'	280'	292'
T	96.47'	95.95'	57.51'	39.90'	84.68'
C	185.28'	186.71'	113.96'	79.00'	162.66'
LC	187.77'	188.41'	114.31'	79.26'	164.84'

STA. 728+00 TO 734+00 (# KOKEE ROAD)



Legend:

- Full Depth Pavement
- 2" AC Pavement Cold Plane and Overlay

GRAPHIC SCALE:
20' 10' 0 20' 40'
SCALE: 1" = 20'

STA. 734+00 TO 739+50 (# KOKEE ROAD)



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JUNE 30, 2022
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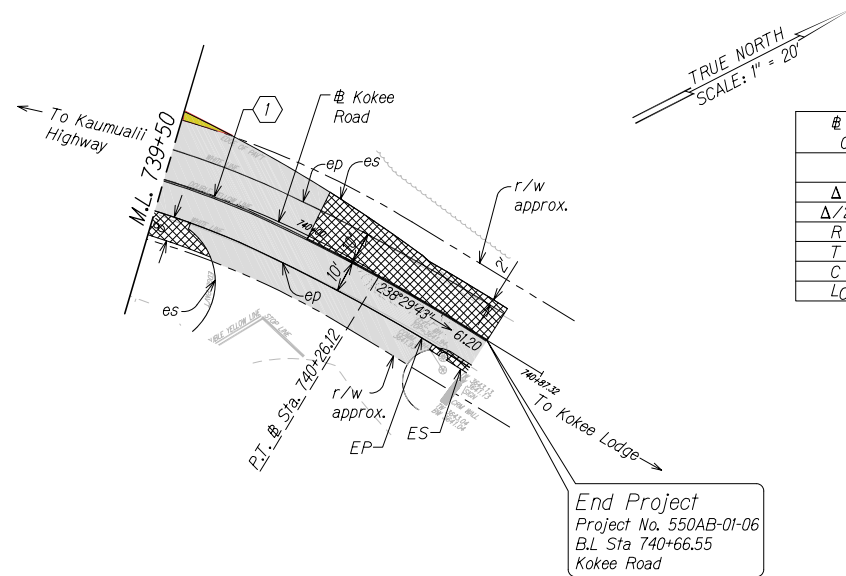
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0
Project No. 550AB-01-06
Scale: 1" = 20' Date: September 2021

SHEET No. 45 OF 46 SHEETS

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	106	385



STA. 739+50 TO 740+87.32 (# KOKEE ROAD)

Legend:

-  Full Depth Pavement
-  2" AC Pavement Cold Plane and Overlay

GRAPHIC SCALE:



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

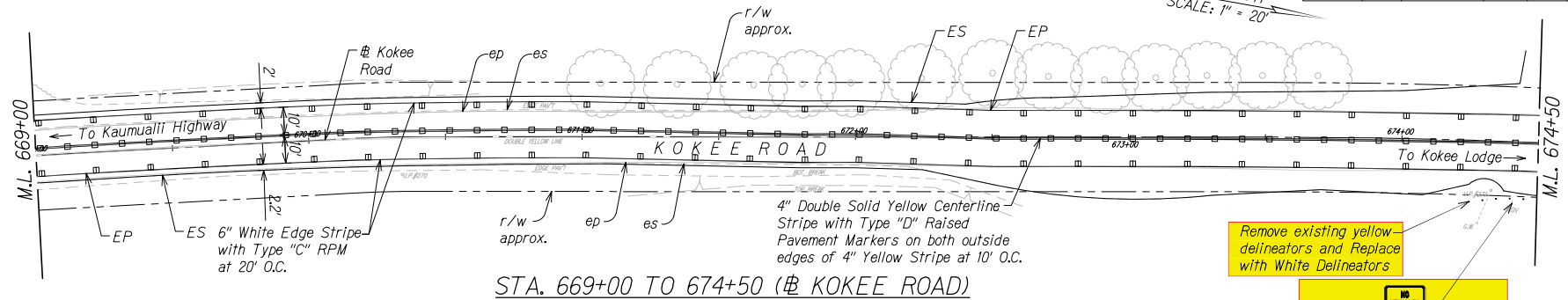
WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0

Project No. 550AB-01-06

Scale: 1" = 20' Date: September 2021

SHEET No. 46 OF 46 SHEETS

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	196	385

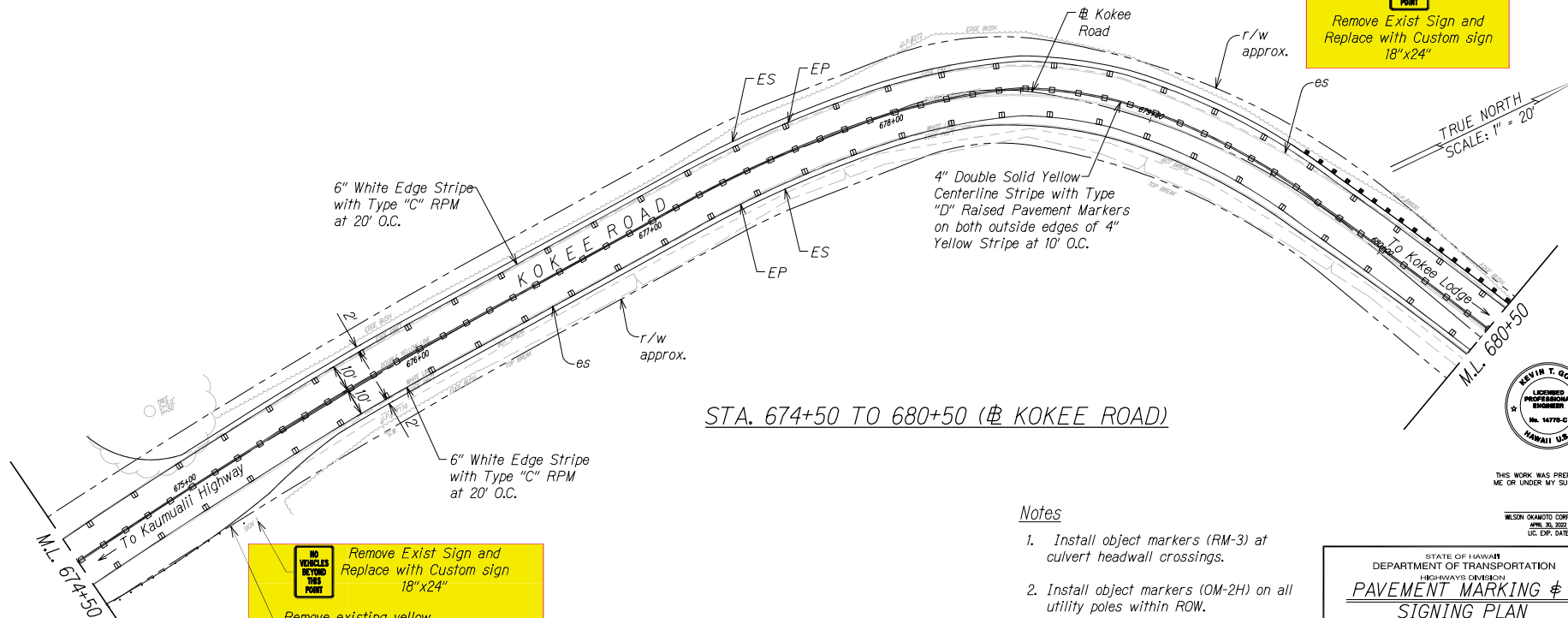


Remove existing yellow delineators and Replace with White Delineators

Remove Exist Sign and Replace with Custom sign 18"x24"



STA. 674+50 TO 680+50 (# KOKEE ROAD)



Remove Exist Sign and Replace with Custom sign 18"x24"

Remove existing yellow delineators and Replace with White Delineators



Notes

1. Install object markers (RM-3) at culvert headwall crossings.
2. Install object markers (OM-2H) on all utility poles within ROW.
3. OM-5 to be installed on all regulatory and warning signs. Install OM-2V on other types of signs.

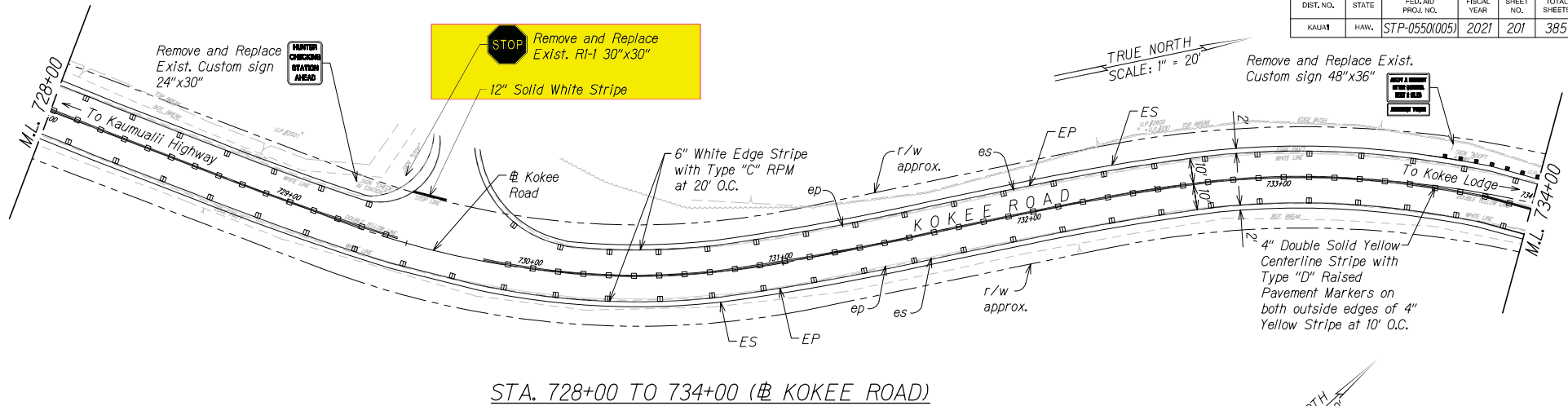
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PAVEMENT MARKING & SIGNING PLAN
WAIMEA CANYON DRIVE / KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 46 TO MILE POST 14.0
Project No. 550AB-01-06
Scale: 1" = 20' Date: September 2021
SHEET No. 40 OF 46 SHEETS



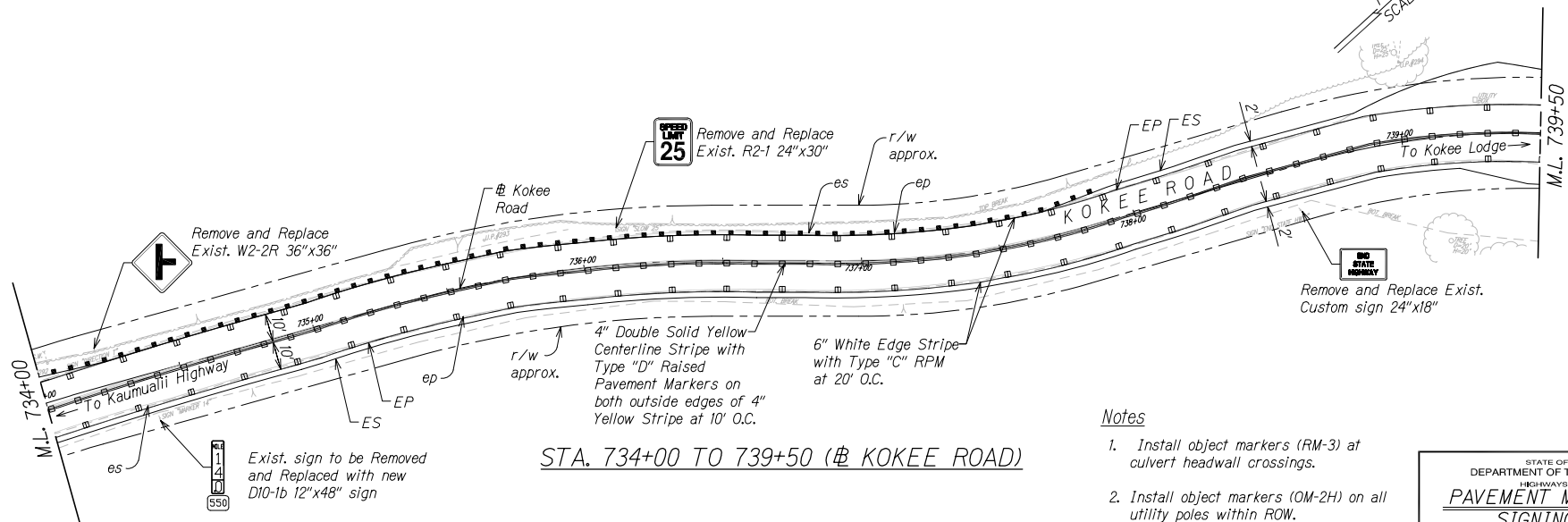
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WILSON OKAMOTO CORPORATION
JUNE 30, 2022
LIC. EXP. DATE

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2021	201	385



STA. 728+00 TO 734+00 (# KOKEE ROAD)



STA. 734+00 TO 739+50 (# KOKEE ROAD)

Notes

1. Install object markers (RM-3) at culvert headwall crossings.
2. Install object markers (OM-2H) on all utility poles within ROW.
3. OM-5 to be installed on all regulatory and warning signs. Install OM-2V on other types of signs.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

WAIMEA CANYON DRIVE / KOKEE ROAD IMPROVEMENTS, PHASE 2
MILE POST 4.6 TO MILE POST 14.0
Project No. 550AB-01-06
Scale: 1" = 20' Date: September 2021
SHEET No. 45 OF 46 SHEETS



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WILSON OKAMOTO CORPORATION
JUNE 30, 2022
LIC. EXP. DATE

DESIGNED BY	DATE
CHECKED BY	
IN CHARGE	
APPROVED BY	
NO. 550	

