

STANDARD PLANS SUMMARY					
DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2022	ADD. 2	127

STANDARD PLAN NO.	TITLE	DATE	STANDARD PLAN NO.	TITLE	DATE	STANDARD PLAN NO.	TITLE	DATE	STANDARD PLAN NO.	TITLE	DATE
B-01	Notes and Miscellaneous Details	05/31/07	H-01A	Type A Catch Basin	05/31/07	TE-09	Bike Route Sign and Supplementary Plates	07/11/08	TE-28A	Miscellaneous Pavement Markings	07/11/08
B-03	Backfill Details at Earth Retaining Structures	05/31/07	H-01B	Type B Catch Basin	05/31/07	TE-10	Interstate Route Marker	07/11/08	TE-29	Pavement Arrows and Symbols	07/11/08
B-12	Prestressed Concrete Piles and Compression Splice Can Details	05/31/07	H-01C	Type C Catch Basin	05/31/07	TE-11	State Route Marker and Auxiliary Markers	07/11/08	TE-30	Pavement Alphabets, Numbers and Symbols	07/11/08
			H-01D	Type D Catch Basin	05/31/07	TE-12	State Route Marker and Border Detail for Guide Signs	07/11/08	TE-31	Pavement Alphabets, Numbers and Symbols	07/11/08
B-12A	Prestressed Concrete Piles, Pile and Compression Splice Can Details and Notes	05/31/07	H-01E	Catch Basin Sections	05/31/07	TE-12A	Route Sign Assemblies	07/11/08	TE-32	Type I and II Traffic Signal System Misc. Details	05/31/07
			H-02A	Type A1 Catch Basin	05/31/07	TE-13	Street Name Sign on Mast Arm	07/11/08	TE-33	Type II Traffic Signal System	08/16/06
B-12B	Pile Interaction Diagram	05/31/07	H-02B	Type B2 Catch Basin	05/31/07	TE-14	Miscellaneous Reflector Markers	07/11/08	TE-33A1	Type II Traffic Signal Standard	05/31/07
B-13	Prestressed Concrete Pile Build-up Details	05/31/07	H-02C	Type C1 Catch Basin	05/31/07	TE-15	Object Markers	07/11/08	TE-33A2	Type II Traffic Signal Standard	05/31/07
			H-02D	Type D1 Catch Basin	05/31/07	TE-16	Mile Posts	07/11/08	TE-34	Loop Detector Details	07/11/08
D-01	Cattle Gate	05/31/07	H-02E	Catch Basin Section	05/31/07	TE-17A	Cantilever Overhead Sign Elevation and Details	05/31/07	TE-35	Loop Detectors and Duct Details	07/11/08
D-02	Chain Link Fence with Toprail	05/31/07	H-03	Type A, B, and C Storm Drain Manhole	05/31/07	TE-17B	Cantilever Sign Frame Detail and Section	05/31/07	TE-36	Traffic Signal Details	07/11/08
D-03	Chain Link Fence without Toprail	05/31/07	H-04	Type D Storm Drain Manhole	05/31/07	TE-17C	Cantilever Sign Frame Detail	05/31/07	TE-37	Pullbox and Cover Details	07/11/08
D-04	Wire Fence with Metal Posts	05/31/07	H-05	Typical Reinforcing Details for Drainage Structures	05/31/07	TE-17D	Cantilever Sign Frame Section	05/31/07	TE-37A	Type "A" Traffic Pullbox	05/31/07
D-05	Typical Details of Curbs and/or Gutters	05/31/07	H-06	Typical Reinforcing Details for Drainage Structures	05/31/07	TE-17E	Cantilever Sign Frame Detail	05/31/07	TE-37B	Type "A" Traffic Pullbox Reinforcing	05/31/07
D-06	Typical Detail of Reinforced Concrete Drop Driveway	05/31/07	H-07	Catch Basin and Manhole Castings	05/31/07	TE-18A	Two Post Overhead Sign Frame Elevations	05/31/07	TE-37C	Type "B" Traffic Pullbox	05/31/07
D-07	Centerline and Reference Survey Monuments	05/31/07	H-08	Type 1A-9 and 1A-9P Grated Drop Inlet	05/31/07	TE-18B	Two Post Sign Framing Plan Section	05/31/07	TE-37D	Type "B" Traffic Pullbox Reinforcing	05/31/07
D-08	Street Survey Monument	05/31/07	H-09	Type 2A-9 and 2A-9P Grated Drop Inlet	05/31/07	TE-18C	Two Post Sign Framing Sections and Details	05/31/07	TE-37E	Type "B" Traffic Pullbox Foundation	05/31/07
D-15	Concrete Sidewalk	05/31/07	H-10	Type A-9 or A-9P Steel Frames	05/31/07	TE-18D	Two Post Sign Frame Details	05/31/07	TE-37F	Type "C" Traffic Pullbox	05/31/07
D-16	P.C.C. Bus Pad	05/31/07	H-11	Type A-9 and A-9P Steel Grates	05/31/07	TE-18E	Two Post Sign Frame Details	05/31/07	TE-37G	Type "C" Traffic Pullbox Reinforcing	05/31/07
D-17	P.C.C. Bus Pad	05/31/07	H-12	Type 61614P and 1211214P Grated Drop Inlet	05/31/07	TE-19A	Overhead Sign Framing Schedule	05/31/07	TE-37H	Type "C" Traffic Pullbox Foundation	05/31/07
D-18	P.C.C. Pavement Layout	05/31/07	H-13	Type 61616P and 1211216P Grated Drop Inlet	05/31/07	TE-19B	Sign Post Drilled Shaft Foundation	05/31/07	TE-37J	Traffic Pullbox Cover and Details	05/31/07
D-19	P.C.C. Pavement with Permeable Base Joint Details	05/31/07	H-14	Type 61214P Grated Drop Inlet	05/31/07	TE-19C	Spread Footing	05/31/07	TE-38	Type III Traffic Signal Standard	05/31/07
D-20	P.C.C. Pavement with Permeable Base Joint Details	05/31/07	H-15	Type 1211214, 1211214P, 1211216, 1211216P Steel Frame and Grates	05/31/07	TE-19D	Sign Frame Foundation Schedule	05/31/07	TE-38A1	Type III Traffic Signal Standard	05/31/07
D-21	P.C.C. Longitudinal Joint Details	05/31/07				TE-19D.1	Sign Frame Foundation Schedule	05/31/07	TE-38A.2	Type III Traffic Signal Standard	05/31/07
D-22	P.C.C. Connection to Curbs and Gutters	05/31/07	H-16	Type 61614, 61614P, 61616, 61616P Steel Frame and Grates	05/31/07	TE-19D.2	Sign Frame Foundation Schedule	05/31/07	TE-39	Metal Guardrail Connection to Concrete Barrier	07/11/08
D-23	Joints	05/31/07				TE-19D.3	Sign Frame Foundation Schedule	05/31/07	TE-40	Concrete Barrier Transition	05/31/07
L-01	Tree Planting	08/16/06	H-17	Type 61214 Steel Frames and Grates	05/31/07	TE-19D.4	Sign Frame Foundation Schedule	05/31/07	TE-40A	Concrete Barrier Transition	05/31/07
			H-18	Type 61214p Steel Grates	05/31/07	TE-19D.5	Sign Frame Foundation Schedule	05/31/07	TE-41	Sections Guardrail Type 4 (Rigid Barrier)	05/31/07
L-02	Tree Planting	08/16/06	H-19	Type 61614b Steel Frame and Grates	05/31/07	TE-19E	Anchorage Details	05/31/07	TE-42	Portable Concrete Barrier	05/31/07
L-03	Tree Transplanting	08/16/06	H-20	Cement Rubble Masonry Structures	05/31/07	TE-19F	Anchorage Details	05/31/07	TE-43	Portable Concrete Barrier	05/31/07
L-04	Palm Planting	08/16/06	H-21	Concrete and Cement Rubble Masonry Structures	05/31/07	TE-19G	Miscellaneous Sign Frame Details	05/31/07	TE-44	Guardrail Type 4 Miscellaneous Details	07/11/08
L-05	Shrub Planting	08/16/06	H-22	Inlet/Outlet Structure	05/31/07	TE-19H	Luminaire Walkway Support	05/31/07	TE-45	Barricades	07/11/08
L-06	Landscape Details	08/16/06	H-23	Inlet/Outlet Structure	05/31/07	TE-19J	Fixed Message Luminaire Support	05/31/07	TE-46	Delineation and Pavement Markings at Narrow Bridges	07/11/08
L-07	Landscape Details	08/16/06	H-24	Flared End Section for Culverts	05/31/07	TE-19K	Miscellaneous Sign Details	05/31/07	TE-47	Highway Light Standard	05/31/07
L-08	Landscape Details	08/16/06	H-25	Flared End Section for Culverts	05/31/07	TE-19L	Miscellaneous Sign Details	05/31/07	NOTE: STANDARD PLANS APPLICABLE TO THIS PROJECT ARE INDICATED BY A " " NEXT TO THE STANDARD PLAN NO. (FOR EXAMPLE: D-07) BRIAN A. LOCK LICENSED PROFESSIONAL ENGINEER No. 9887-C HAWAII, U.S.A. THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. WILSON OKAMOTO CORPORATION APRIL 30, 2024 LIC. EXP. DATE		
L-09	Landscape Details	08/16/06	H-26	Concrete Spillway Inlet	05/31/07	TE-19M	Miscellaneous Sign Frame Details	05/31/07			
L-10	Landscape Details	08/16/06	H-27	Cap Coupling Details Standard Joint	05/31/07	TE-20	Supports for Ground Mounted Guide Sign	05/31/07			
L-11	Planting Notes	08/16/06	H-28	Reinforced Concrete Collar & Jacket	05/31/07	TE-20A	Supports for Ground Mounted Guide Sign	05/31/07			
L-12	Irrigation Details	08/16/06	H-29	Underdrain Cleanout Steel Frame and Cover	05/31/07	TE-20B	Supports for Ground Mounted Guide Sign	05/31/07			
L-13	Irrigation Details	08/16/06	H-30	Underdrain Connection to Drainage Structure	05/31/07	TE-20C	Supports for Ground Mounted Guide Sign	05/31/07			
L-14	Irrigation Details	08/16/06				TE-21A	Sign Breakaway Mounts	05/31/07			
L-15	Irrigation Details	08/16/06	TE-01	Sign Height and Location	07/11/08	TE-21B	Sign Breakaway Mounts	05/31/07			
L-16	Irrigation Details	08/16/06	TE-1A	Sign Installation	07/11/08	TE-22	Laminated Aluminum Sign Panels (Overhead)	05/31/07			
L-17	Irrigation Details	08/16/06	TE-02A	Galvanized Flanged Channel Sign Post Mounting	05/31/07	TE-23	Laminated Aluminum Sign Panels (Ground Mounted)	07/11/08			
L-18	Irrigation Details	08/16/06	TE-02B	Galvanized Flanged Channel Sign Post Mounting	05/31/07	TE-24	Solid Aluminum Extruded Sign Panel and Accessory Details	05/31/07			
L-19	Irrigation Details	08/16/06	TE-02C	Galvanized Flanged Channel Sign Post Mounting	05/31/07	TE-25	Guide Signs Luminaire Mountings	05/31/07			
L-20	Irrigation Details	08/16/06	TE-03A	Galvanized Square Tube Sign Post Mounting	05/31/07	TE-26	Raised Pavement Markers and Striping	07/11/08			
L-21	Irrigation Details	08/16/06	TE-03B	Galvanized Square Tube Sign Post Mounting	05/31/07	TE-27	Raised Pavement Markers and Striping	07/11/08			
L-22	Irrigation Details	08/16/06	TE-04	Regulatory Signs	07/11/08	TE-28	Entrance and Exit Pavement Markings	07/11/08			
L-23	Irrigation Details	08/16/06	TE-05	Warning Signs	07/11/08	TE-28A	Entrance and Exit Pavement Markings	07/11/08			
L-24	Irrigation Notes	08/16/06	TE-06	Miscellaneous Signs	07/11/08						
			TE-07	Construction Signs	07/11/08						
			TE-08	Miscellaneous Intersection Signs	07/11/08						

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

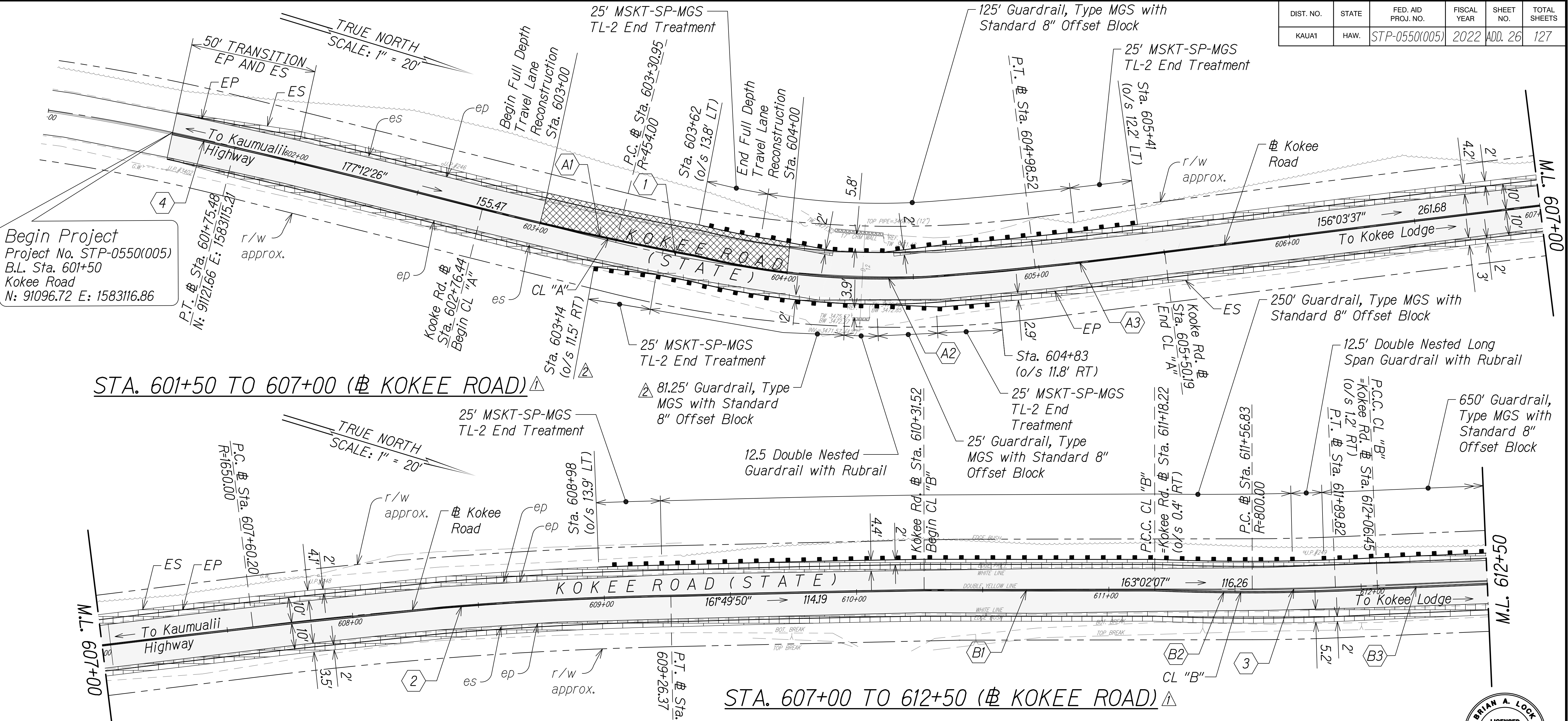
STANDARD PLANS SUMMARY

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2A
MILE POST 11.5 TO MILE POST 14.0
Federal-Aid Project No. STP-0550(005)

Scale: None Date: August 2022

ADD 2

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2022	ADD. 26	127



△ Legend:

- Shoulder Widening Pavement
- Full Depth Travel Lane Pavement
- 2" AC Pavement Cold Plane and Overlay
- Guardrail



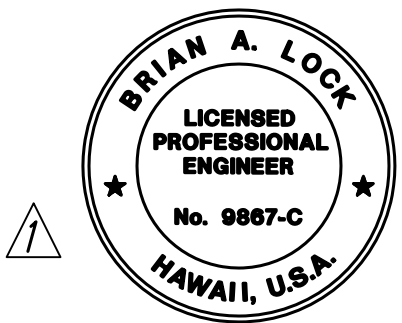
Kokee Road Curve Data					CL "A" Curve Data			CL "B" Curve Data		
	1	2	3	4	A1	A2	A3	B1	B2	B3
Δ	2°08'49"	5°46'13"	2°21'46"	2°09'22"	3°37'28"	18°03'33"	3°04'43"	0°13'34"	5°33'02"	0°02'17"
Δ/2	10°34'24"	2°53'06"	1°10'53"	1°04'41"	1°48'44"	8°01'47"	1°32'22"	0°06'47"	2°46'31"	0°01'08"
R	454'	1650'	800'	2394'	1371.92'	303.87'	1697.06'	21976.48'	911.37'	135960.18'
T	84.75'	83.16'	16.50'	13.98'	43.41'	48.29'	45.60'	43.35'	44.18'	45.06'
C	166.61'	166.10'	32.99'	90.08'	86.77'	95.38'	91.17'	86.70'	88.26'	90.13'
LC	167.56'	166.17'	32.99'	90.11'	86.79'	95.38'	91.18'	86.70'	88.29'	90.13'

Note:

1. Any head or wing walls of the existing culverts within the project area unexpectedly affected by the project shall be repaired or reconstructed using the same method of construction to reflect the type and period of the original.

11/10/22	△ Revised Guardrail Labels
11/07/22	△ Revised Roadway Properties;
	△ Revised Engineer's Stamp

DATE	REVISION
------	----------



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

WILSON OKAMOTO CORPORATION
APRIL 30, 2024
LIC. EXP. DATE

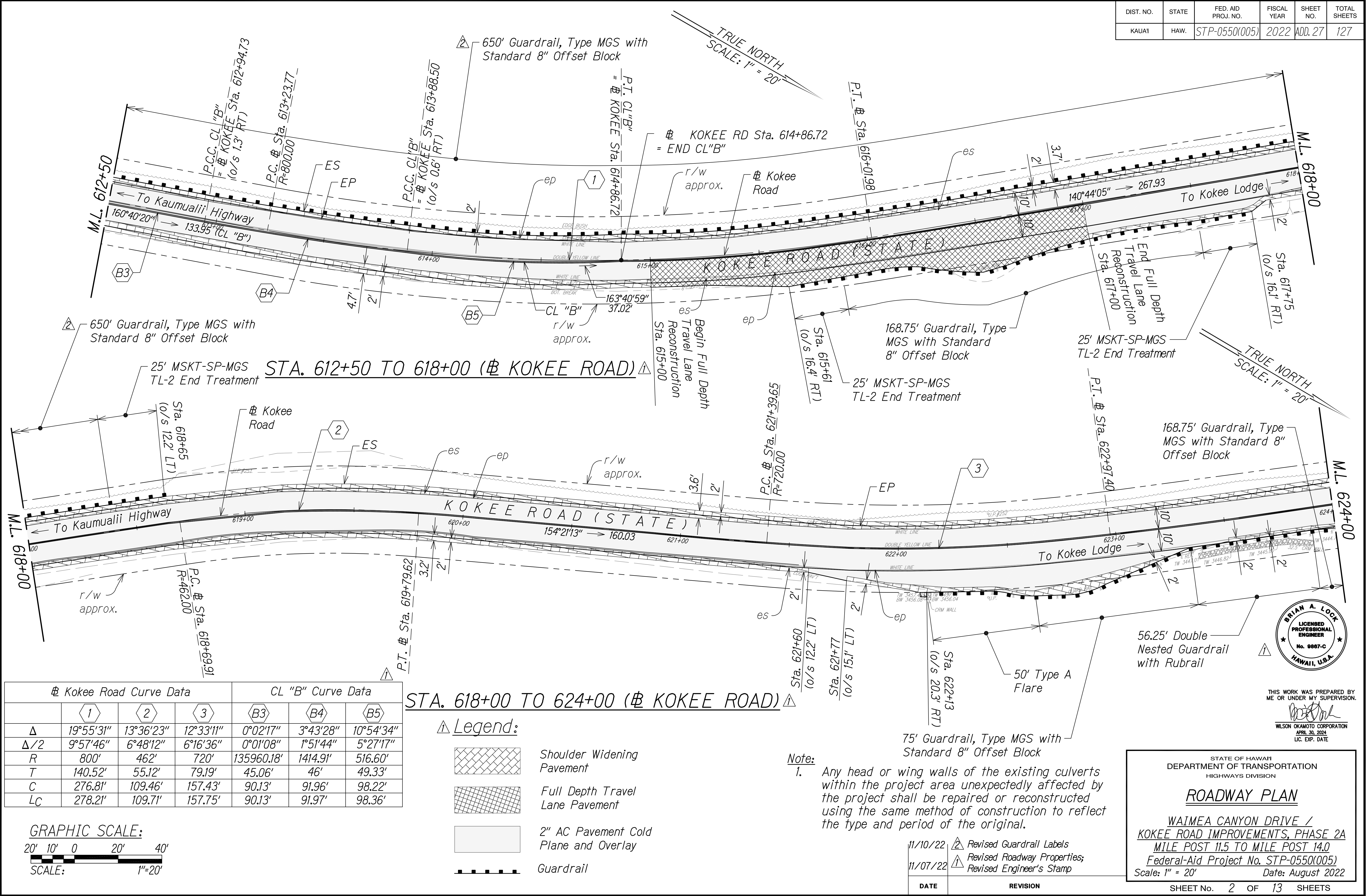
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

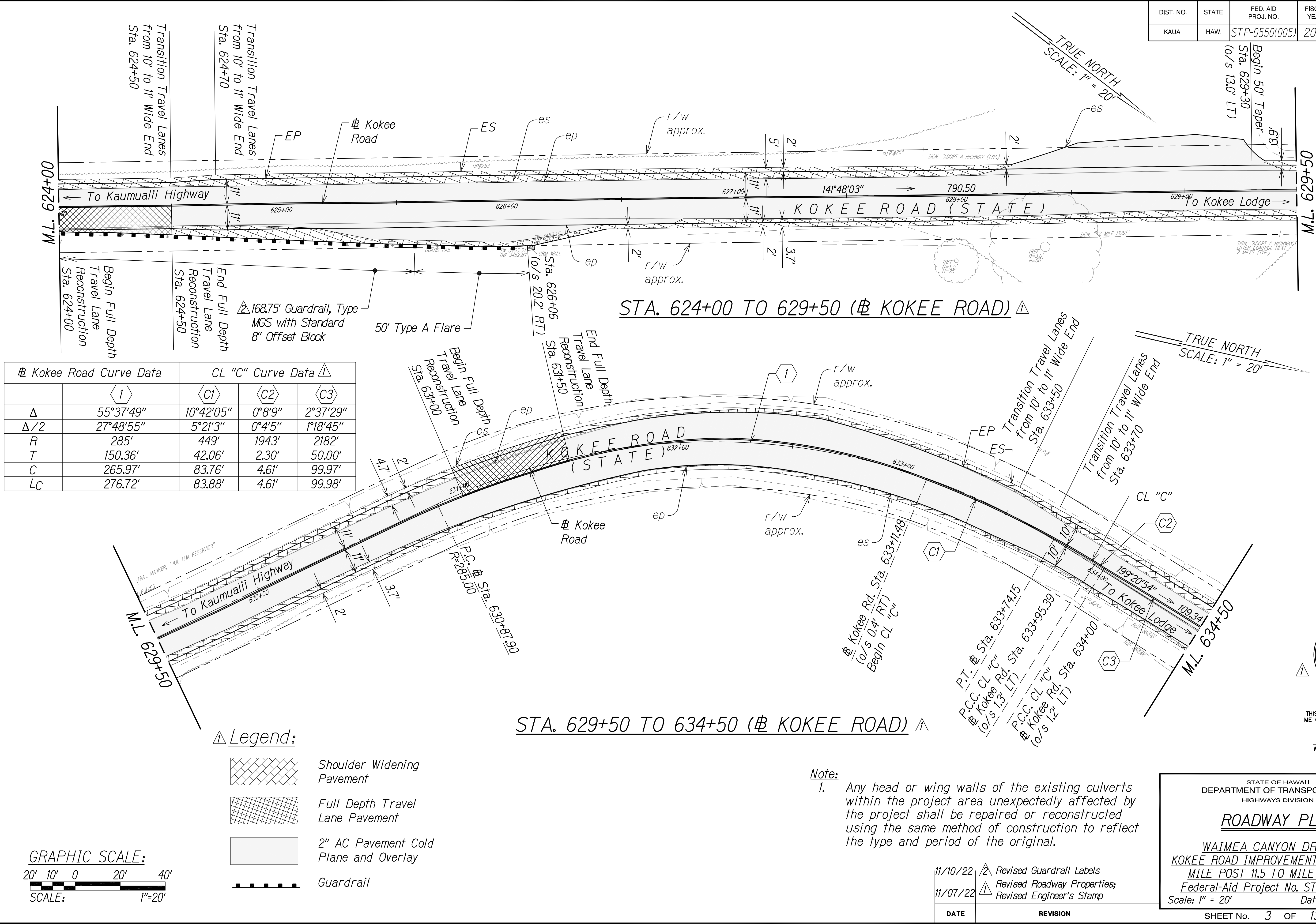
WAIMEA CANYON DRIVE /
Kokee Road Improvements, Phase 2A
MILE POST 11.5 TO MILE POST 14.0
Federal-Aid Project No. STP-0550(005)
Scale: 1" = 20' Date: August 2022

SHEET No. 1 OF 13 SHEETS

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2022	ADD. 27	127



DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	STP-0550(005)	2022	ADD. 28	127

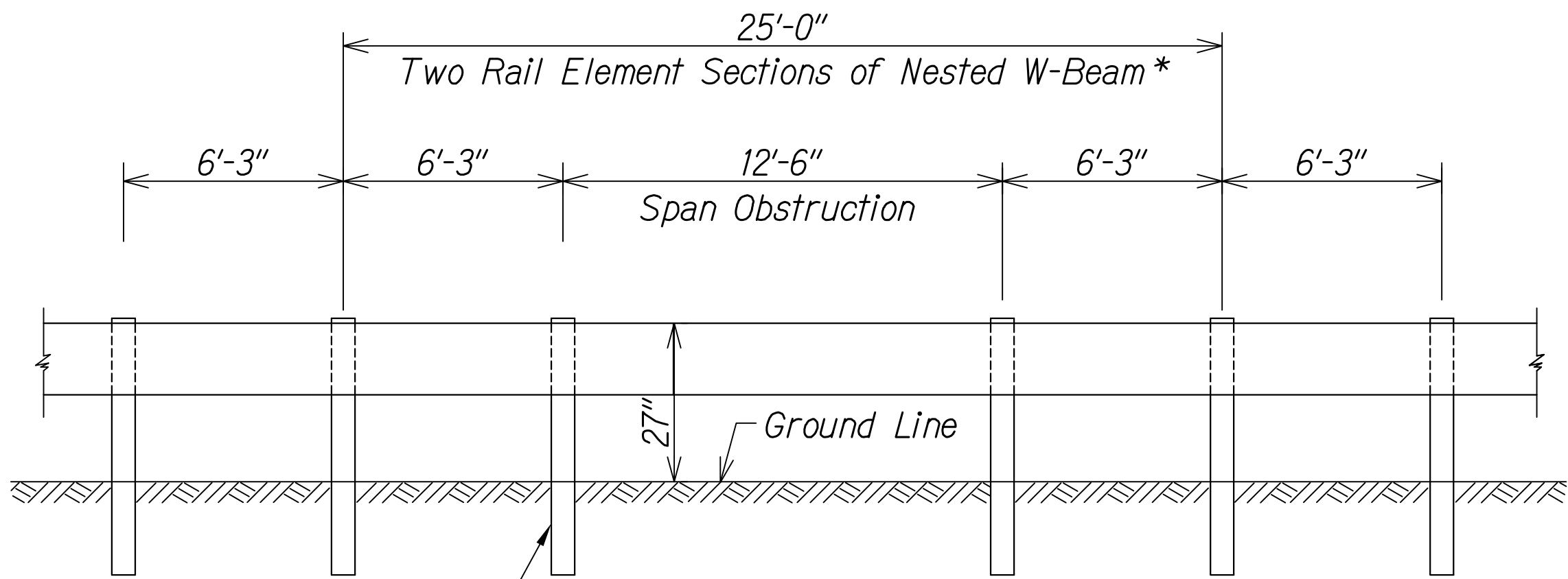


COPY OF ORIGINAL TRACING

ADD 28

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUA'I	HAW.	STP-0550(005)	2022	ADD.78S-1	127

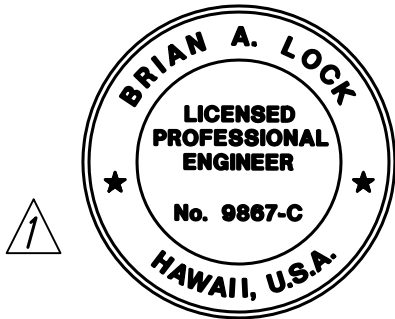
*Note: All nested W-Beam splice points shall be staggered.



See Double Nested Steel Post
Guardrail with Rubrail detail
on ADD. 76, Typ.

(SPLICE IN CENTER OF 12'-6" SPACING)
DOUBLE NESTED LONG SPAN STRONG POST
W-BEAM GUARDRAIL OVER 12'-6" SPAN
(MAXIMUM DYNAMIC DEFLECTION OF 3.1 FT.)

ORIGINAL PLAN No.	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
NOTE BOOK	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
[Signature]
WILSON OKAMOTO CORPORATION
APRIL 30, 2024
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GUARDRAIL DETAILS

WAIMEA CANYON DRIVE /
KOKEE ROAD IMPROVEMENTS, PHASE 2A
MILE POST 11.5 TO MILE POST 14.0
Federal-Aid Project No. STP-0550(005)
Scale: None Date: August 2022

11/10/22	New Sheet
DATE	REVISION

SHEET No. 6A OF 6 SHEETS