

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(086)	2021	7	17

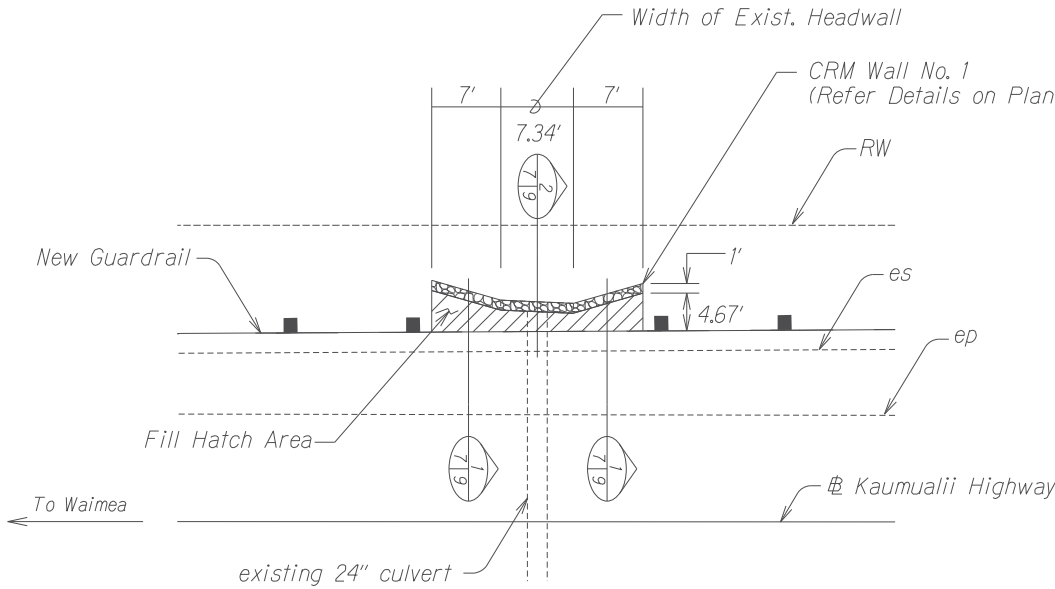
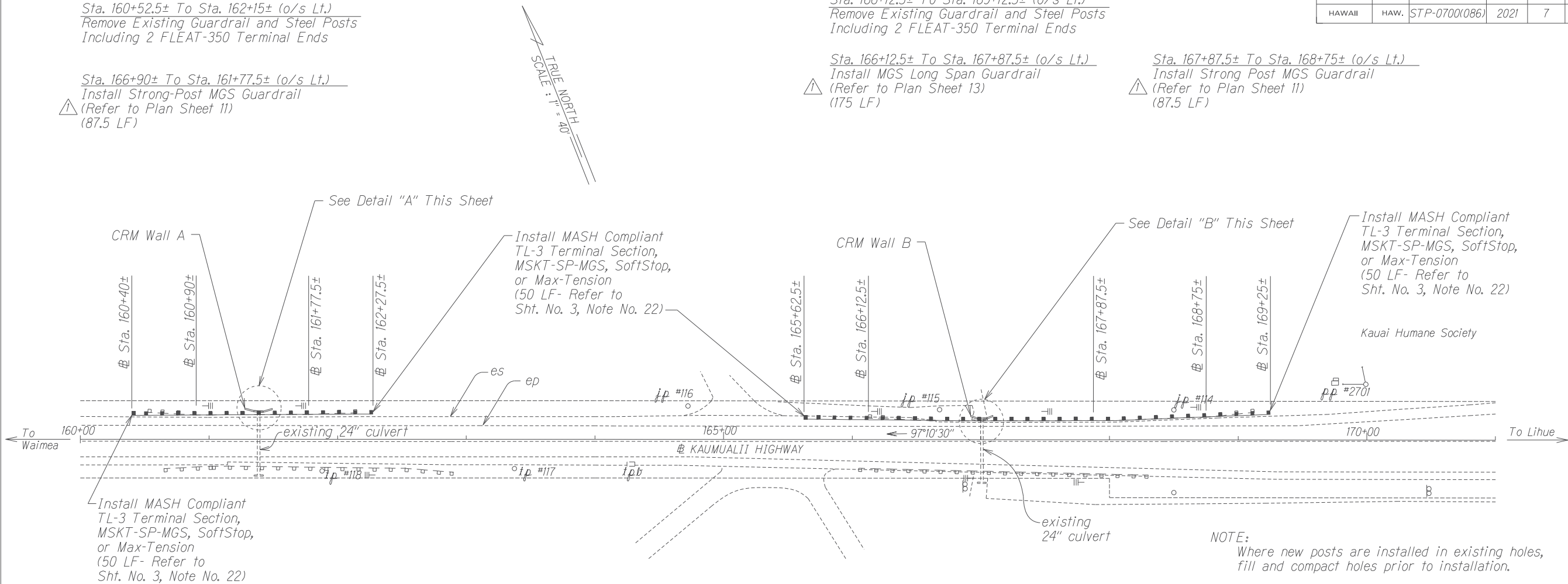
Sta. 160+52.5± To Sta. 162+15± (o/s Lt.)
Remove Existing Guardrail and Steel Posts
Including 2 FLEAT-350 Terminal Ends

Sta. 166+90± To Sta. 161+77.5± (o/s Lt.)
Install Strong-Post MGS Guardrail
(Refer to Plan Sheet 11)
(87.5 LF)

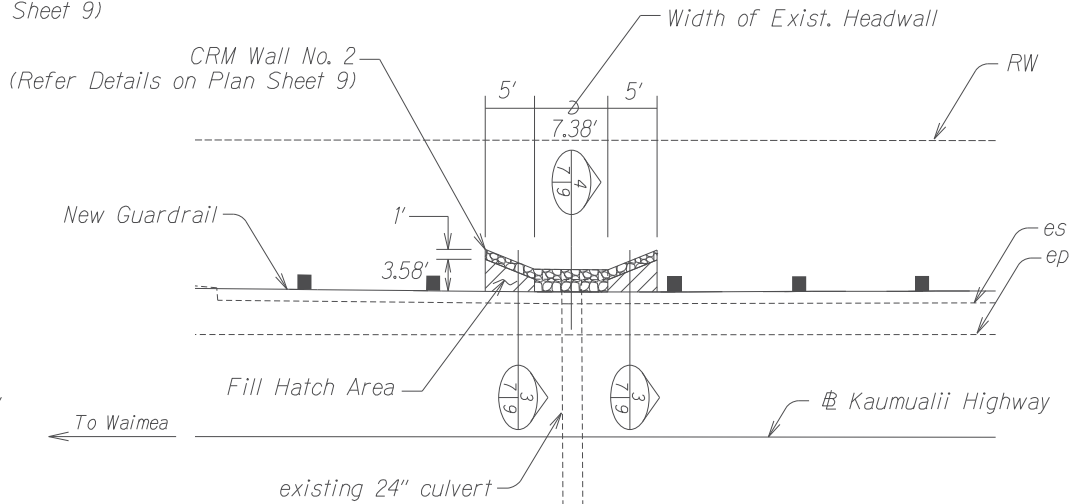
Sta. 166+12.5± To Sta. 169+12.5± (o/s Lt.)
Remove Existing Guardrail and Steel Posts
Including 2 FLEAT-350 Terminal Ends

Sta. 166+12.5± To Sta. 167+87.5± (o/s Lt.)
Install MGS Long Span Guardrail
(Refer to Plan Sheet 13)
(175 LF)

Sta. 167+87.5± To Sta. 168+75± (o/s Lt.)
Install Strong Post MGS Guardrail
(Refer to Plan Sheet 11)
(87.5 LF)



DETAIL "A"
Not to Scale



DETAIL "B"
Not to Scale

AS-BUILT DRAWINGS

This Certifies That The dimensions and details shown on this sheet reflect the dimensions and details and specifications as constructed in the field.

GLOBAL SPECIALTY CONTRACTORS, INC

Signature: *Malvin A. Mendez* Date: June 13, 2022

10/5/21	△ - Add Reference to Plan Sheet
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GUARDRAIL WORK ITEMS	
GUARDRAIL & SHOULDER IMPROVEMENTS AT VARIOUS LOCATIONS, PART 6 Federal-Aid Project No. STP-0700(086)	
Scale: 1" = 40' Date: May 2021	
SHEET No. 1 OF 2 SHEETS	

AS-BUILT DRAWINGS

This Certifies That The dimensions and details shown on this sheet reflect the dimensions and details and specifications as constructed in the field.

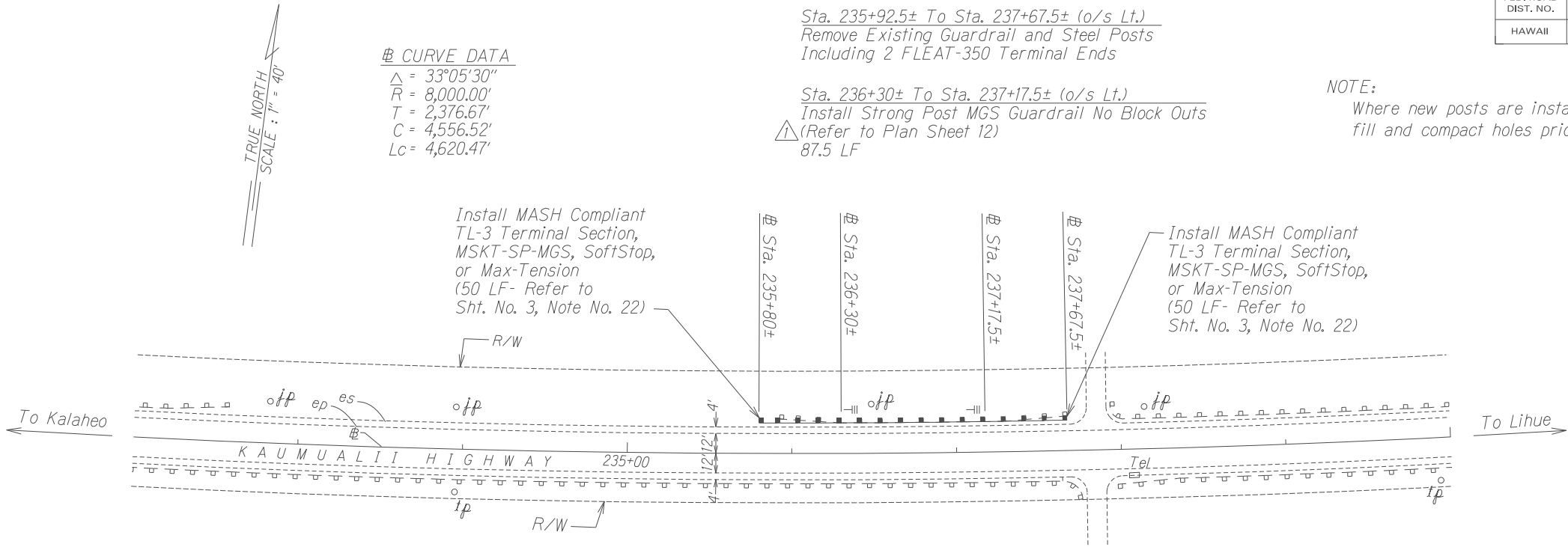
GLOBAL SPECIALTY CONTRACTORS, INC

June 13, 2022

Signature

Date

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(086)	2021	8	17



GUARDRAIL WORK ITEMS - KAUMUALII HIGHWAY, ROUTE 50 ⚠						
M.P.	O/S	END	DEMOLITION	QTY	INSTALLATION ⚠	QTY
1.84	IB	Trailing	Remove W-Beam End Section (Rounded RWE03a)	1 Ea	Install End Terminal (See Note #1 on this sheet)	1 Ea
			Remove Guardrail & Steel Posts	25 LF & 4 Ea	Install Transition (See Note #2 on this sheet)	1 Ea
1.88	OB	Trailing	Remove W-Beam End Section (Rounded RWE03a)	1 Ea	Install End Terminal (See Note #1 on this sheet)	1 Ea
			Remove Guardrail & Steel Posts	25 LF & 4 Ea	Install Transition (See Note #2 on this sheet)	1 Ea
16.95	IB	Approach	Remove W-Beam End Section (Rounded RWE03a)	1 Ea	Install End Terminal (See Note #1 on this sheet)	1 Ea
			Remove Guardrail & Steel Posts	25 LF & 4 Ea	Install Transition (See Note #2 on this sheet)	1 Ea

- NOTES: TYPICAL FOR ALL LOCATIONS EXCEPT WHERE REPLACING ENTIRE GUARDRAIL SECTION:
1. Install MSKT-SP-MGS, SoftStop or Max-Tension terminal as per Manufacturer's Specifications - 1 Ea
 2. Install Midwest Guardrail System (MGS) Transition From 31" Height to Existing Strong-Post Guardrail, 27¾" Height (See Sheet No. 14)
 3. All new 12'-6" W-beam guardrail shall have 5 slotted holes
 4. Where new posts are installed in existing holes, fill and compact holes prior to installation.
 - *5. At M.P. 7.02, place new terminal end and transition section to best fit within existing site conditions.

GUARDRAIL WORK ITEMS - KAUAI VETERANS MEMORIAL HIGHWAY, ROUTE 51 ⚠						
M.P.	O/S	END	DEMOLITION	QTY	INSTALLATION ⚠	QTY
1.24	IB	Approach	Remove W-Beam End Section (Rounded RWE03a)	1 Ea	Install End Terminal (See Note #1 on this sheet)	1 Ea
			Remove Guardrail & Steel Posts	25 LF & 4 Ea	Install Transition (See Note #2 on this sheet)	1 Ea
			37.5 LF & 4 Ea			

GUARDRAIL WORK ITEMS - KUAMOO ROAD, ROUTE 580 ⚠						
M.P.	O/S	END	DEMOLITION	QTY	INSTALLATION ⚠	QTY
2.51	OB	Approach	Remove W-Beam End Section (Rounded RWE03a)	1 Ea	Install End Terminal (See Note #1 on this sheet)	1 Ea
			Remove Guardrail & Steel Posts	25 LF & 4 Ea	Install Transition (See Note #2 on this sheet)	1 Ea
2.51	IB	Approach				

GUARDRAIL WORK ITEMS - KUHIO HIGHWAY, ROUTE 560 ⚠						
M.P.	O/S	END	DEMOLITION	QTY	INSTALLATION ⚠	QTY
6.96	OB	Approach	Remove W-Beam End Section (Rounded RWE03a)	1 Ea	Install End Terminal (See Note #1 on this sheet)	1 Ea
			Remove Guardrail & Steel Posts	25 LF & 4 Ea	Install Transition (See Note #2 on this sheet)	1 Ea
*7.02	OB	Trailing	Remove W-Beam End Section (Rounded RWE03a)	1 Ea	Install End Terminal (See Note #1 on this sheet)	1 Ea
			Remove Guardrail & Steel Posts	25 LF & 4 Ea	Install Transition (See Note #2 on this sheet)	1 Ea

10/5/21	⚠ - Add Reference to Plan Sheet
10/5/21	⚠ - Add Installation Work
10/5/21	⚠ - Revise Highway Name
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GUARDRAIL WORK ITEMS	
GUARDRAIL & SHOULDER IMPROVEMENTS	
AT VARIOUS LOCATIONS, PART 6	
Federal-Aid Project No. STP-0700(086)	
Scale: 1" = 40'	Date: May 2021
SHEET No. 2 OF 2 SHEETS	

"AS-BUILT"

ADD.8