

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-18	2018	ADD. 29	59

HANA HWY 8.1 CURVE DATA					
	1	2	3	4	
Δ	29°19'47"	32°40'55"	16°05'	11°43'11"	
$\Delta/2$	14°39'53"	16°20'28"	8°02'30"	5°51'35"	
R	160'	60'	150'	500'	
T	41.87'	17.59'	41.19'	51.32'	
C	81.01'	33.76'	41.97'	102.09'	
LC	81.90'	34.22'	42.11'	102.27'	

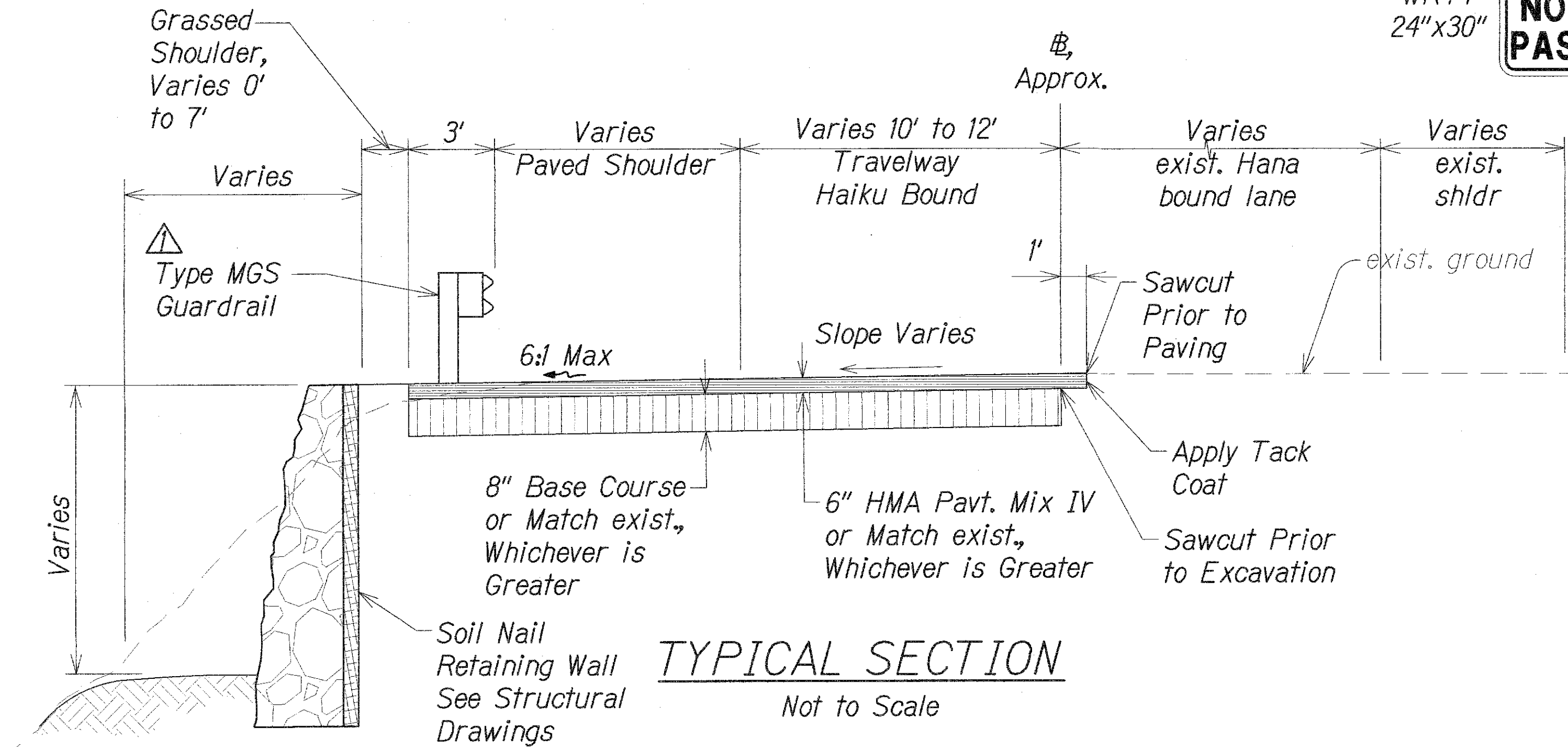
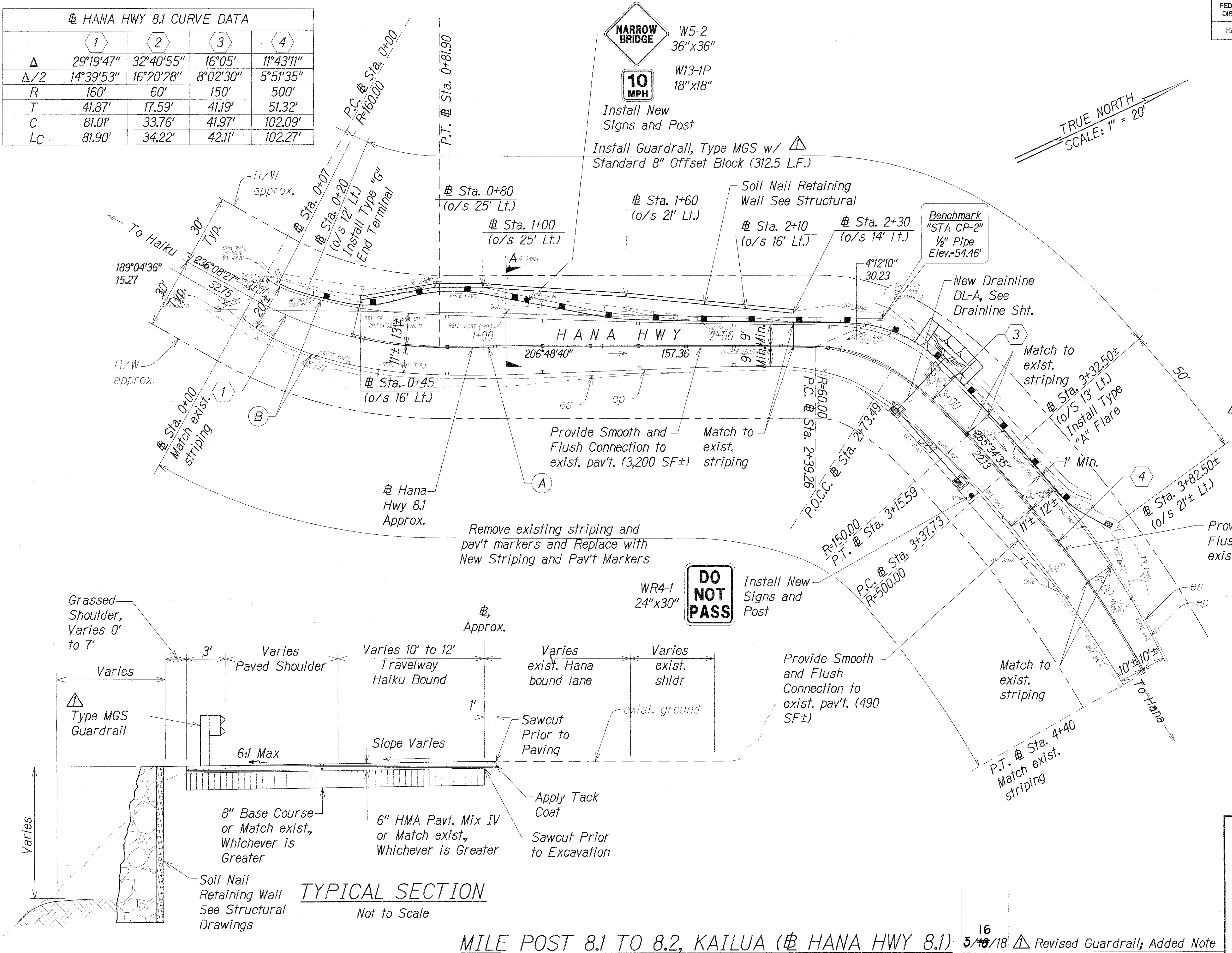
Legend:

New HMA Pavement

New Retaining Wall

- (A) 4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- (B) 4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

- Notes:**
1. Contractor to Span Guardrail Posts to Avoid New Drainline.
2. See Sheet ADD. 13S-1 For Transition To/From Non-MASH Compliant End Terminals (Type G, Type G Modified, and Type A) and existing W-Beam Guardrail.



TYPICAL SECTION
Not to Scale

MILE POST 8.1 TO 8.2, KAILUA (HANA HWY 8.1)

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	

16	Revised Guardrail; Added Note
5/18/18	
DATE	REVISION

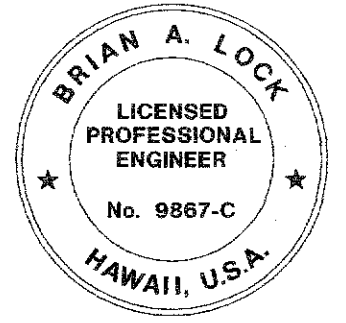
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

HANA HIGHWAY
IMPROVEMENTS, PHASE 2C
Huelo to Hana
Project No. 360AB-01-18

Scale: 1" = 20' Date: March 2018

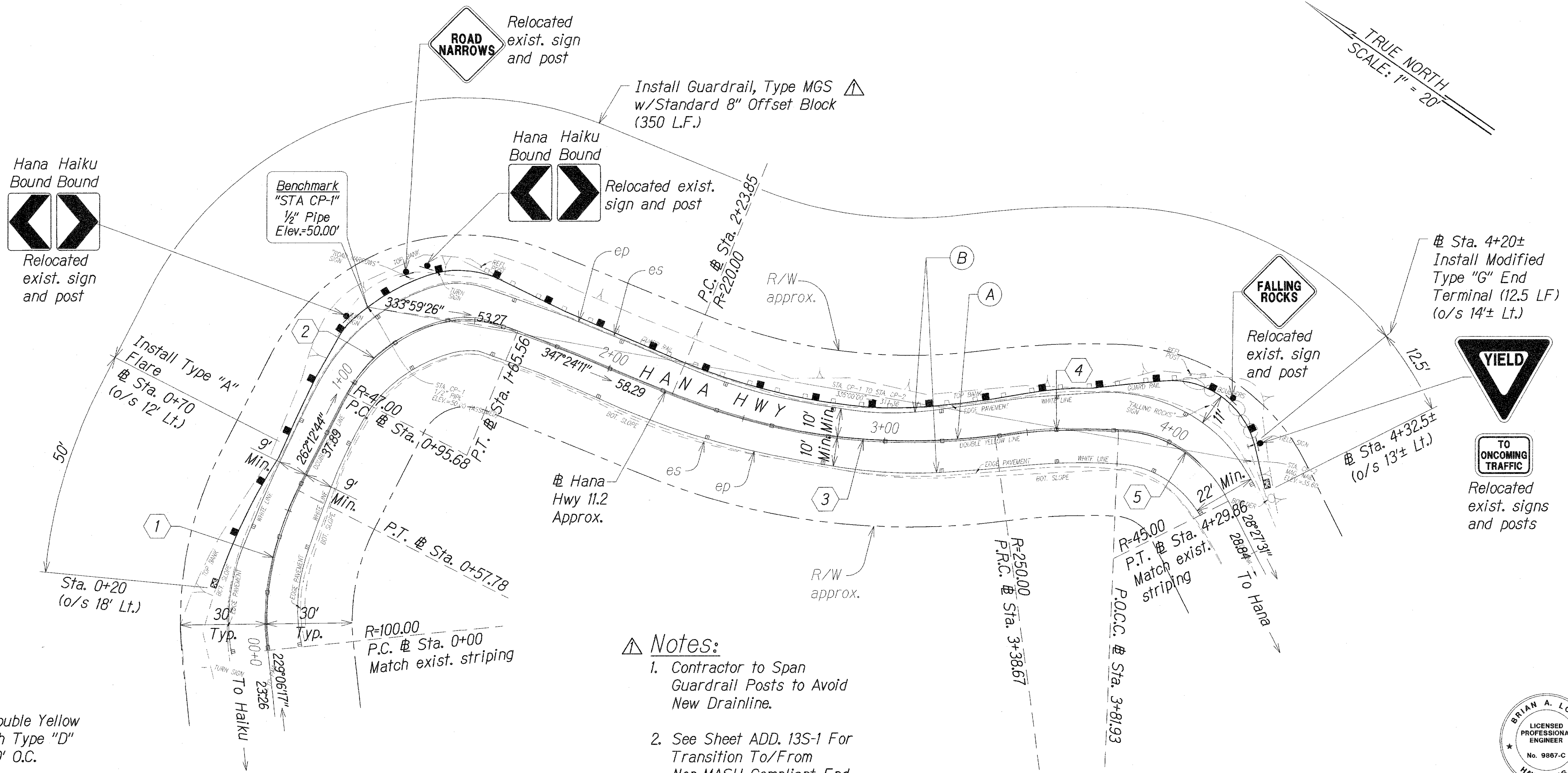
SHEET No. RP-1 OF 5 SHEETS



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

max

APRIL 30, 2020
WILSON OKAMOTO CORPORATION LIC. EXP. DATE



- Notes:
- Contractor to Span Guardrail Posts to Avoid New Drainline.
 - See Sheet ADD. 13S-1 For Transition To/From Non-MASH Compliant End Terminals (Type G, Type G Modified, and Type A) and existing W-Beam Guardrail.

- A 4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- B 4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

HANA HWY 11.2 CURVE DATA					
	1	2	3	4	5
Δ	33°06'26"	85°11'27"	29°54'13"	9°54'55"	61°01'09"
Δ/2	16°33'13"	42°35'43"	14°57'17"	4°57'27"	30°29'50"
R	100'	47'	220'	250'	45'
T	29.72'	43.21'	58.75'	21.69'	26.52'
C	56.98'	63.62'	113.52'	43.21'	45.69'
LC	57.78'	69.88'	114.82'	43.26'	47.94'

MILE POST 11.2, PAPAEA (HANA HWY 11.2)

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

16	Revised Guardrail; Added Notes
5/18/18	
DATE	REVISION

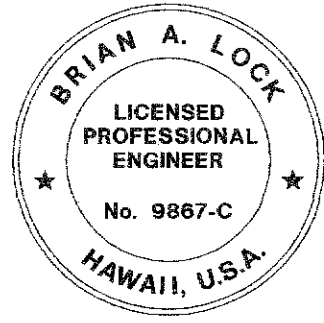
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

HANA HIGHWAY
IMPROVEMENTS, PHASE 2C
Huelo to Hana
Project No. 360AB-01-18

Scale: 1" = 20' Date: March 2018

SHEET No. RP-2 OF 5 SHEETS



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APRIL 30, 2020
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

- A 4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- B 4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

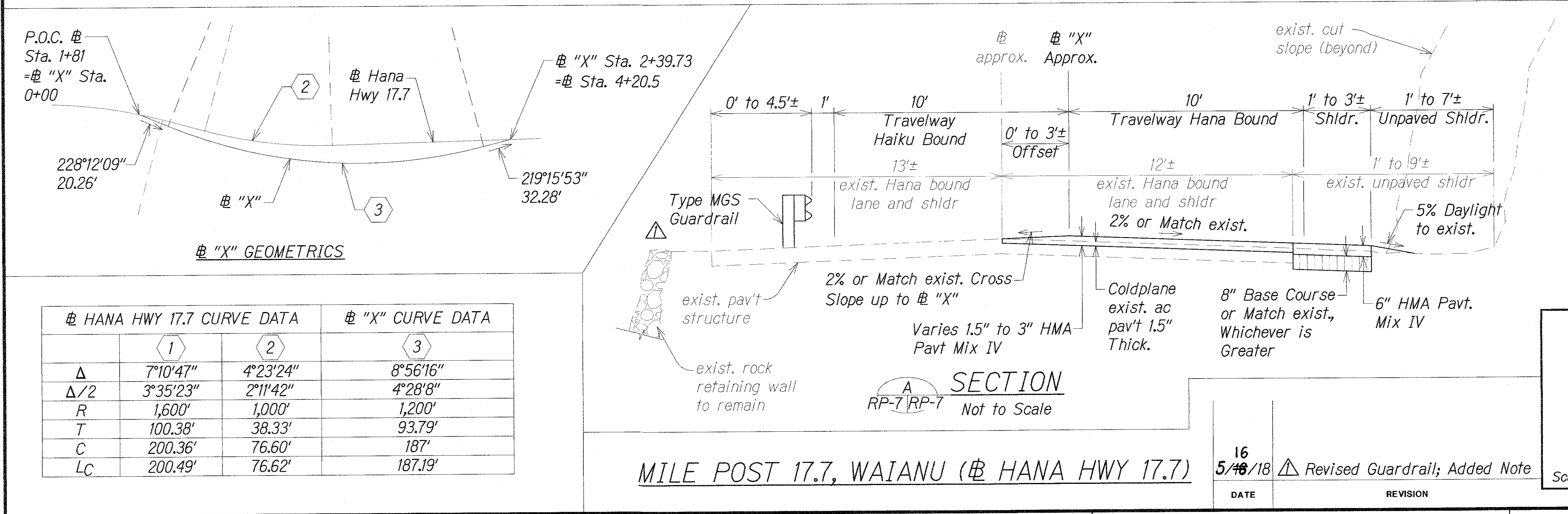


Notes:

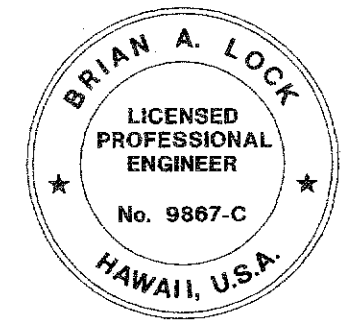
- See Sheet ADD. 13S-1 For Transition To/From Non-MASH Compliant End Terminals (Type G, Type G Modified, and Type A) and existing W-Beam Guardrail.

Legend:

New HMA Pavement



HANA HWY 17.7 CURVE DATA		'X' CURVE DATA	
	1	2	3
Δ	7°10'47"	4°23'24"	8°56'16"
Δ/2	3°35'23"	2°11'42"	4°28'8"
R	1,600'	1,000'	1,200'
T	100.38'	38.33'	93.79'
C	200.36'	76.60'	187'
LC	200.49'	76.62'	187.19'



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WILSON OKAMOTO CORPORATION
APRIL 30, 2020
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

HANA HIGHWAY
IMPROVEMENTS, PHASE 2C
Huelo to Hana
Project No. 360AB-01-18

Scale: 1" = 20' Date: March 2018

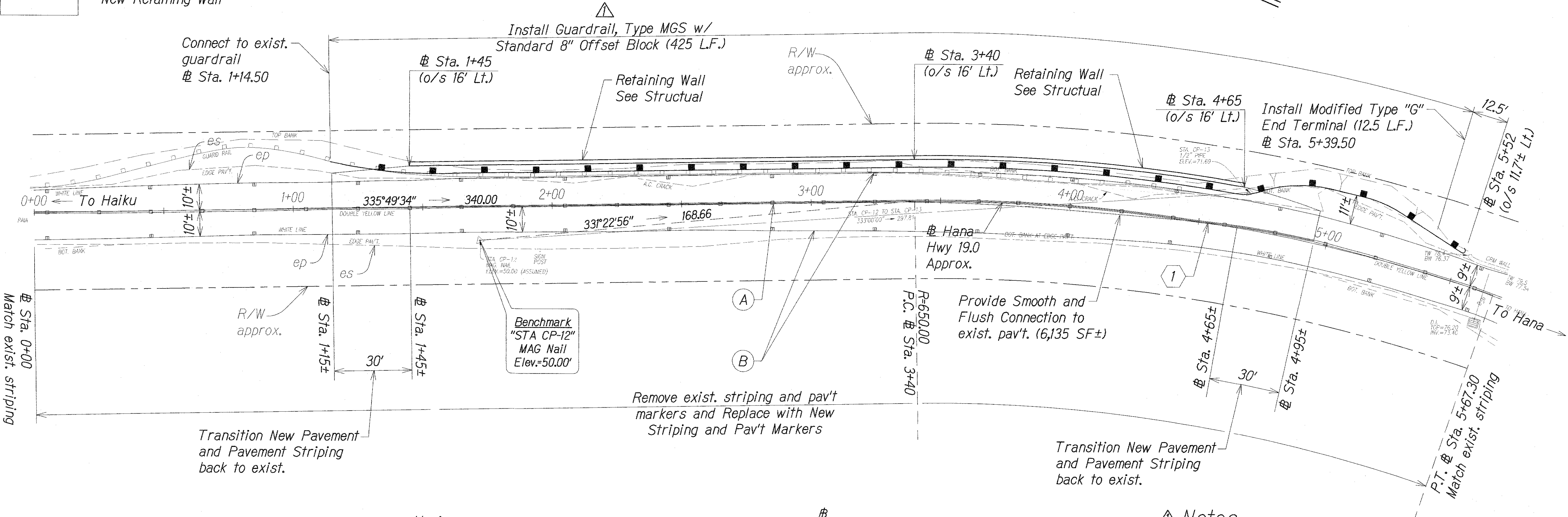
SHEET No. RP-3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-18	2018	ADD. 32	59

Legend:

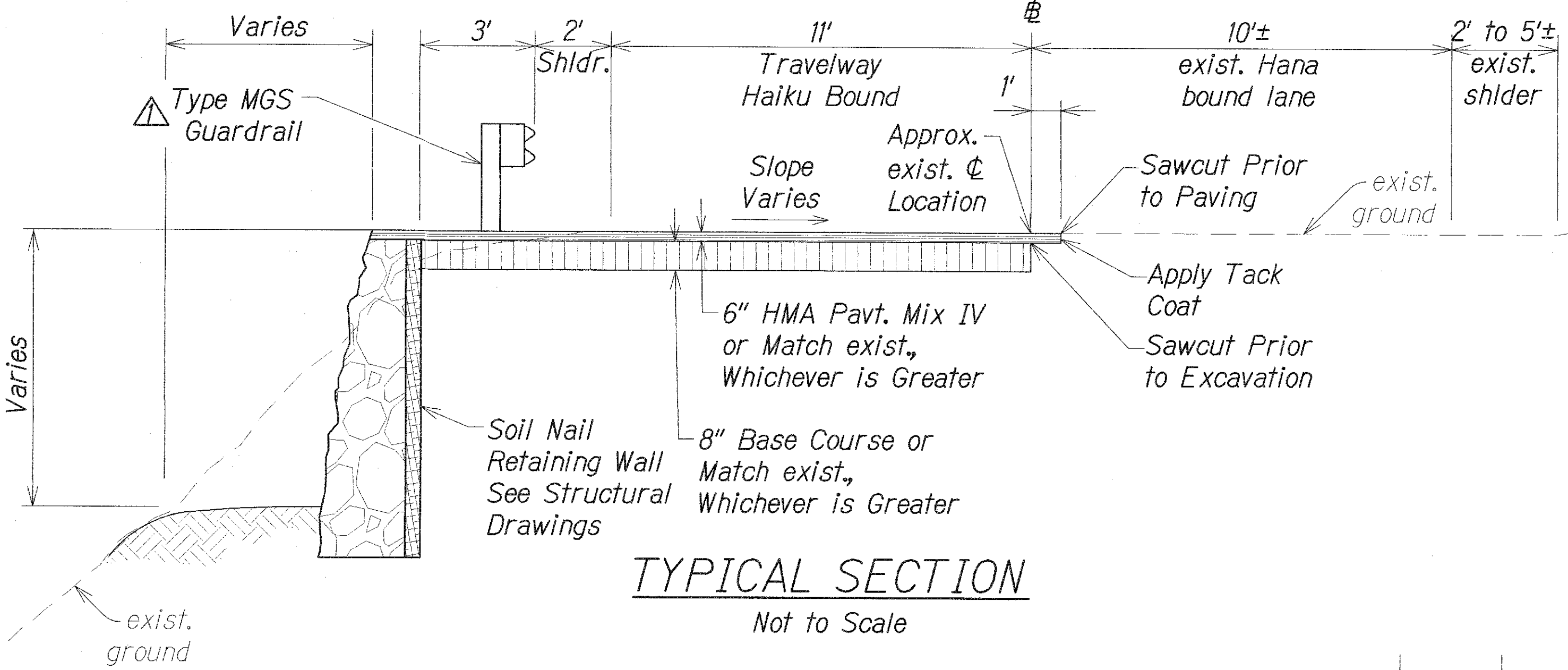
New HMA Pavement

New Retaining Wall

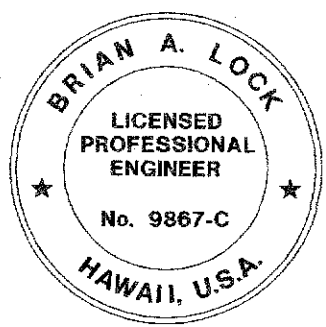


- (A) 4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- (B) 4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

HANA HWY 19.0 CURVE DATA	
Δ	20°02'09"
$\Delta/2$	10°01'04"
R	650'
T	114.82'
C	226.14'
LC	227.30'



- Notes:**
- See Sheet ADD. 13S-1 For Transition To/From Non-MASH Compliant End Terminals (Type G, Type G Modified, and Type A) and existing W-Beam Guardrail.



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miash
 WILSON OKAMOTO CORPORATION LIC. EXP. DATE: APRIL 30, 2020

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

HANA HIGHWAY
IMPROVEMENTS, PHASE 2C
Huelo to Hana
Project No. 360AB-01-18

Scale: 1" = 20' Date: March 2018

SHEET No. RP-4 OF 5 SHEETS

MILE POST 19.0, WAIKANE (HANA HWY 19.0)

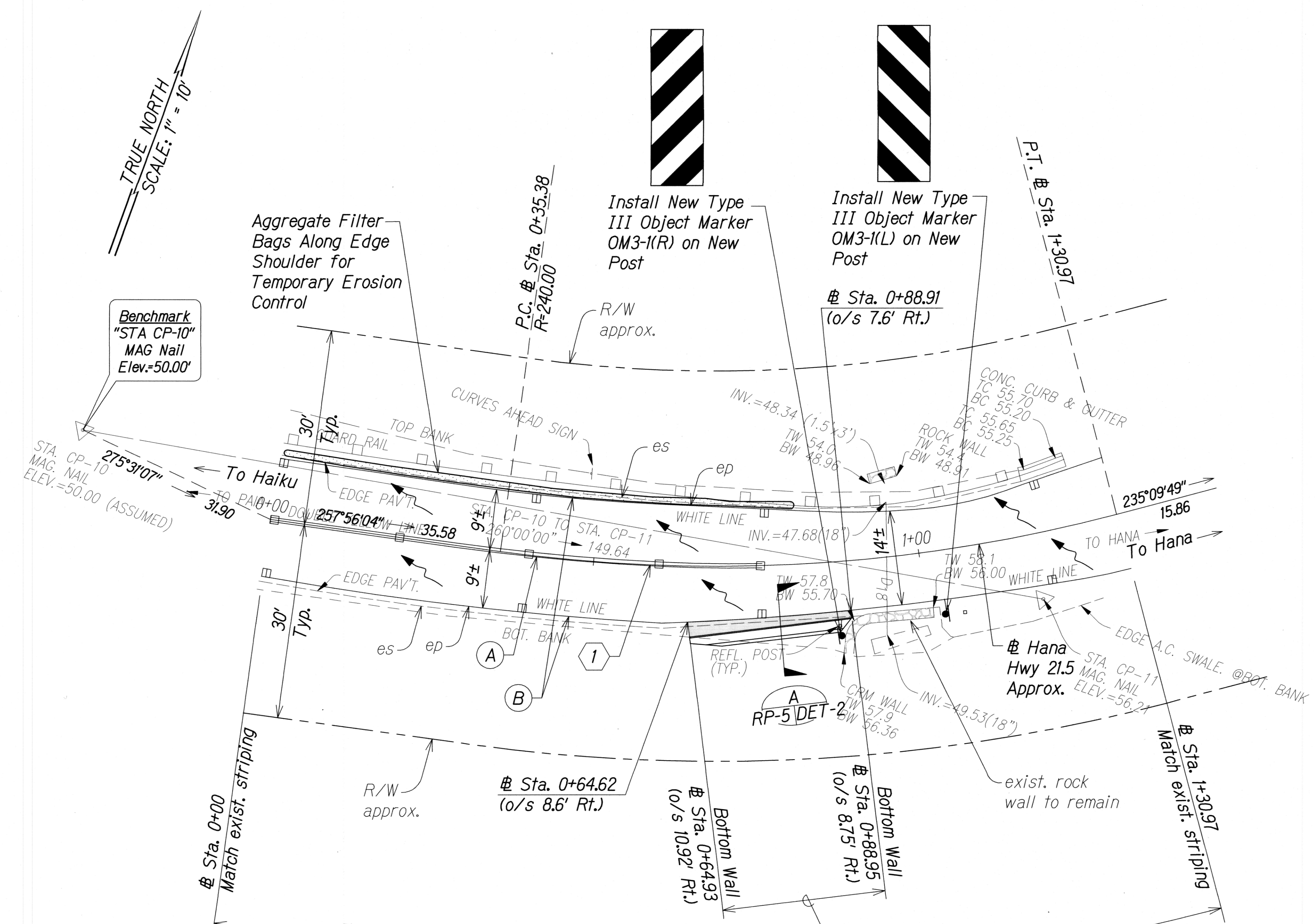
16
5/18/18

Revised Guardrail; Added Note

DATE

REVISION

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-18	2018	33	59



Legend:

New HMA Pavement

HANA HWY 21.5 CURVE DATA	
	1
Δ	22°46'15"
Δ/2	11°23'08"
R	240'
T	48.33'
C	94.76'
LC	95.38'

- (A) 4" Wide Double Yellow Stripe with Type "D" RPM at 20' O.C.
- (B) 4" Wide Solid White Stripe with Type "C" RPM at 40' O.C.

MILE POST 21.5, WAILUA IKI (HANA HWY 21.5)



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 APRIL 30, 2020
 WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
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ROADWAY PLANS

HANA HIGHWAY
 IMPROVEMENTS, PHASE 2C
 Huelo to Hana
 Project No. 360AB-01-18
 Scale: 1" = 10' Date: March 2018

SHEET No. RP-5 OF 5 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	