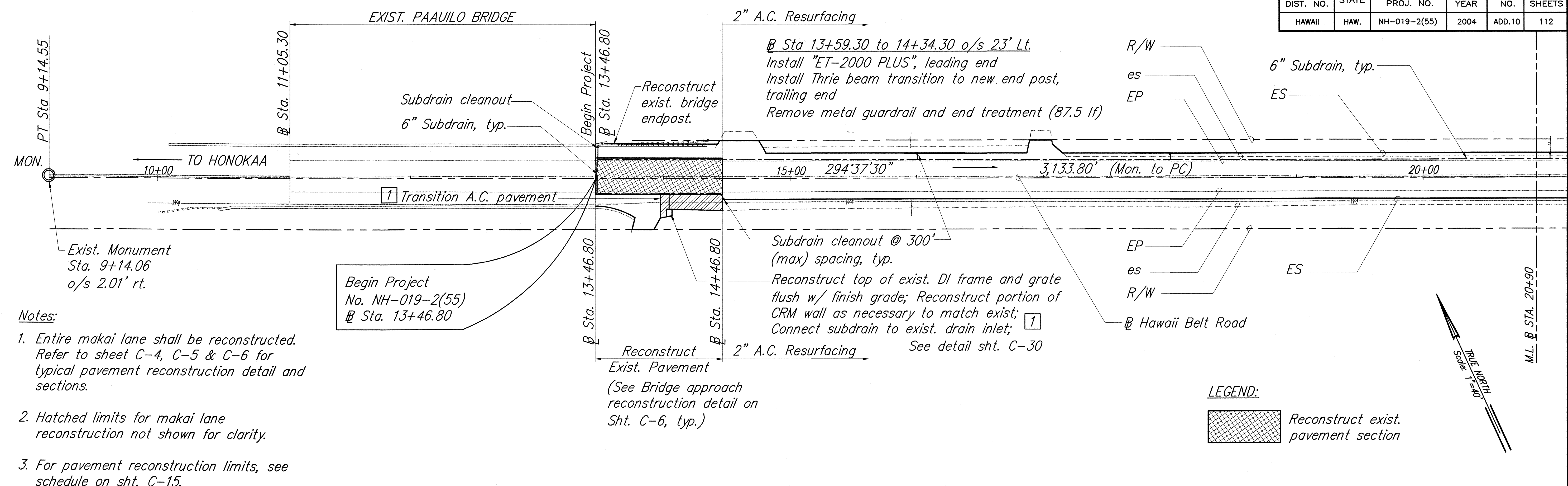
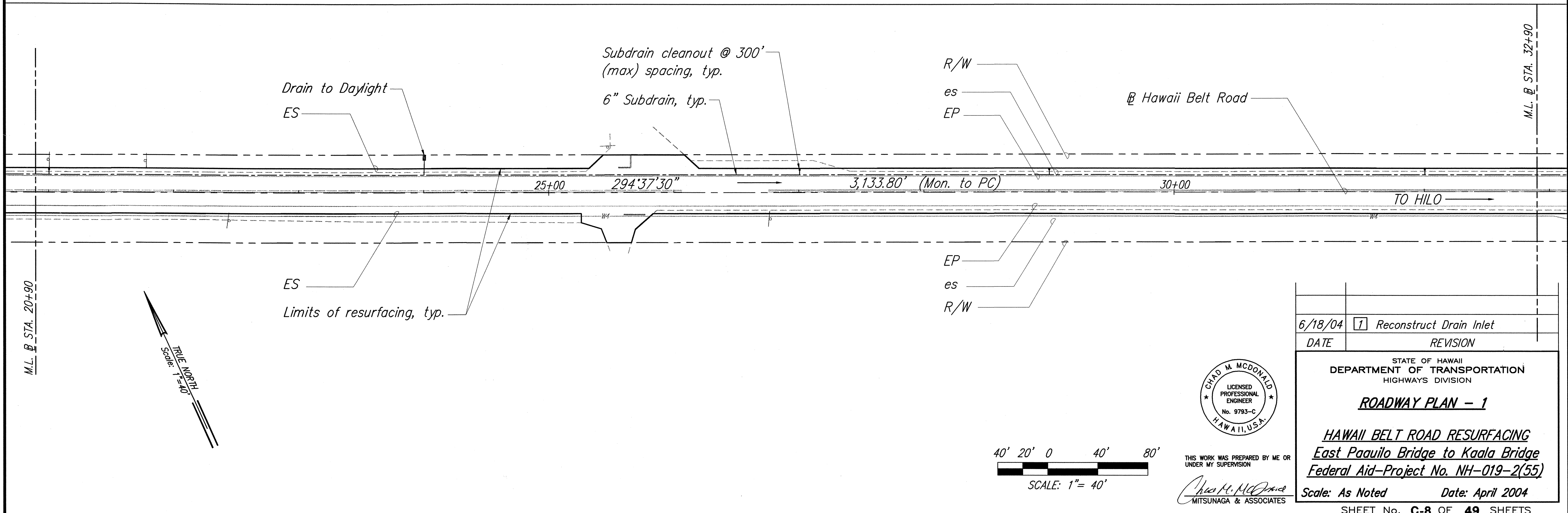


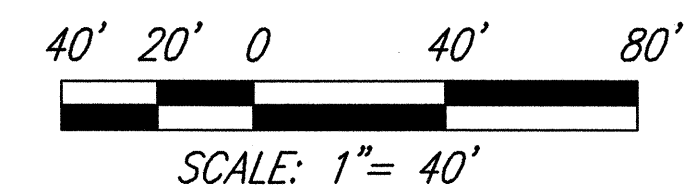
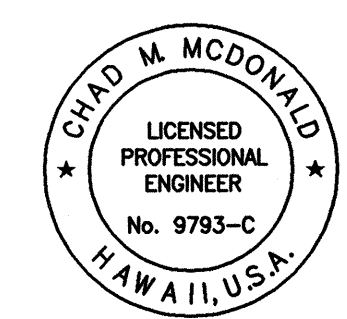
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	ADD.10	112



- Notes:
1. Entire makai lane shall be reconstructed. Refer to sheet C-4, C-5 & C-6 for typical pavement reconstruction detail and sections.
 2. Hatched limits for makai lane reconstruction not shown for clarity.
 3. For pavement reconstruction limits, see schedule on sht. C-15.



ORIGINAL PLAN	DATE
DESIGNED BY	6/18/04
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
NO.	



6/18/04	1	Reconstruct Drain Inlet
DATE	REVISION	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

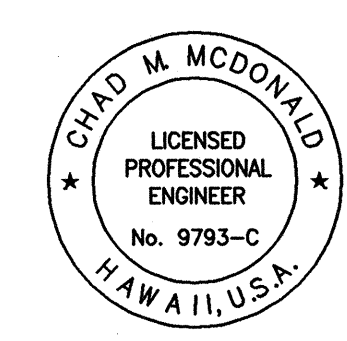
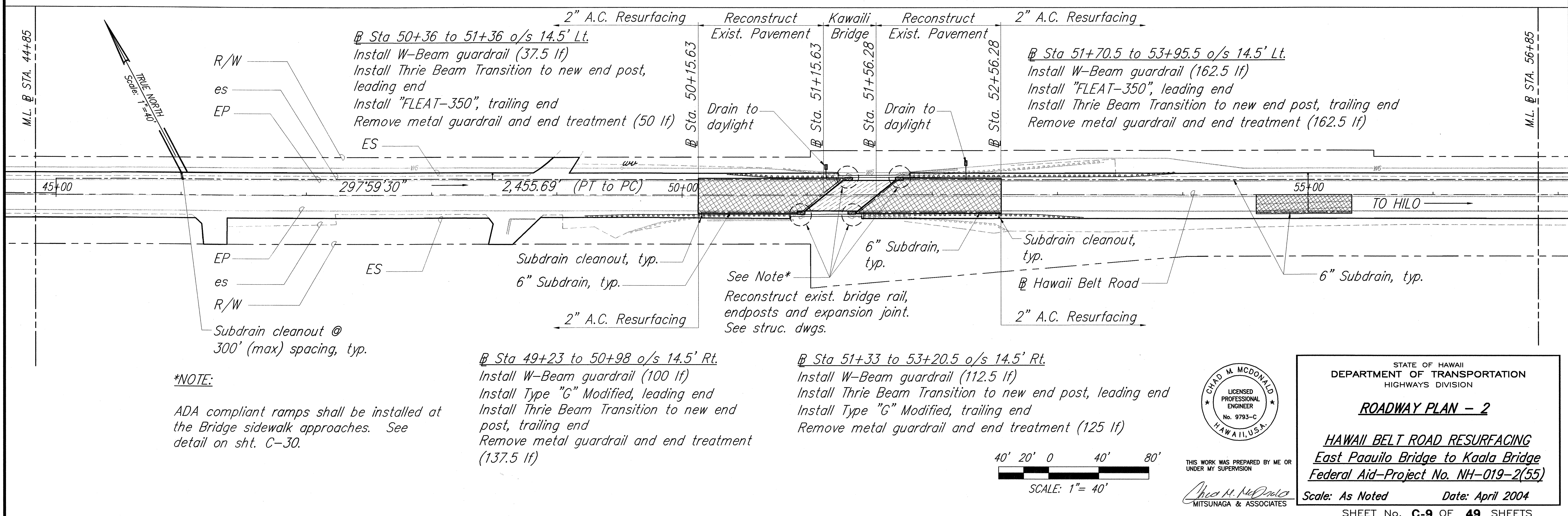
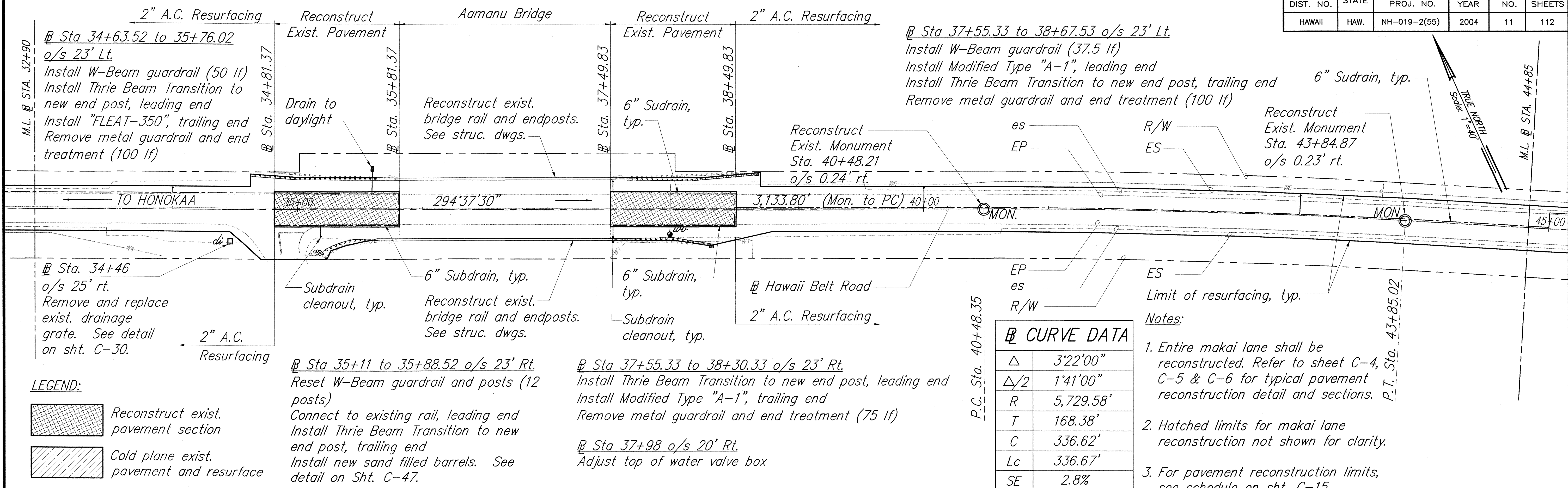
ROADWAY PLAN - 1

HAWAII BELT ROAD RESURFACING
East Paauilo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

Scale: As Noted Date: April 2004

SHEET No. **C-8** OF **49** SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	11	112



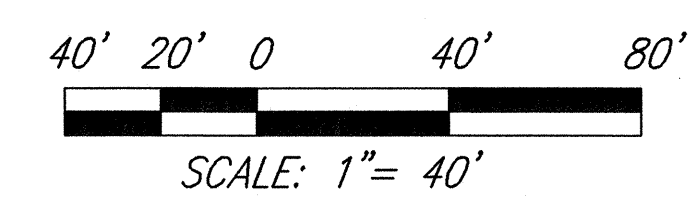
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN - 2

HAWAII BELT ROAD RESURFACING
East Paaulo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

Scale: As Noted Date: April 2004

SHEET No. C-9 OF 49 SHEETS



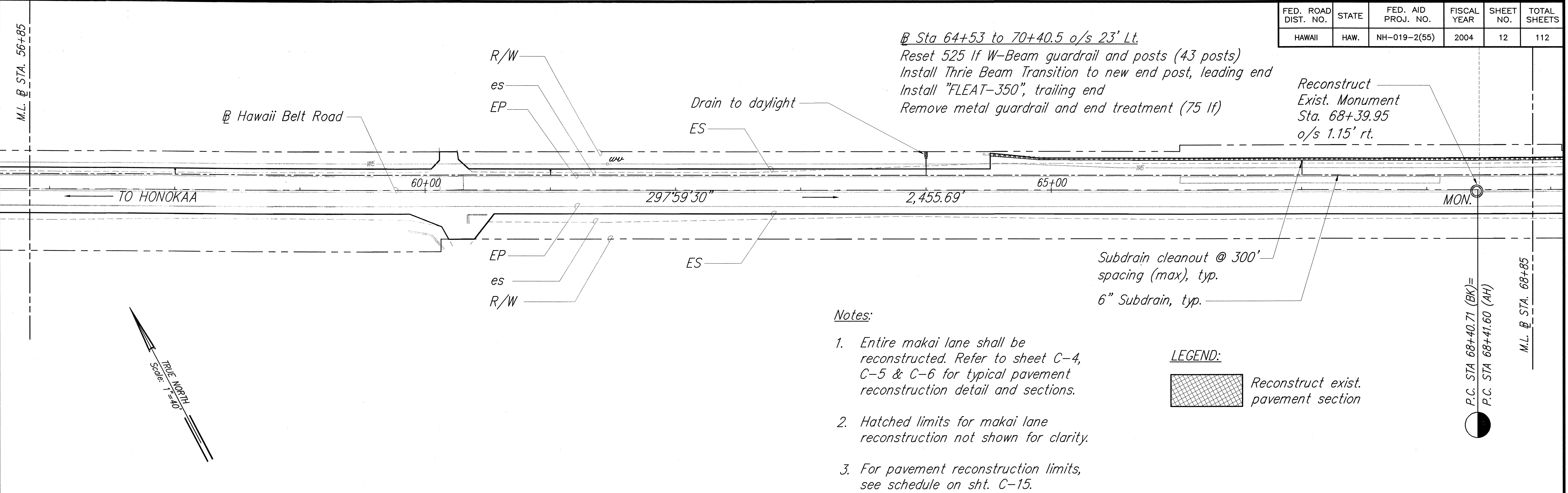
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Chad M. McDonald
MITSUNAGA & ASSOCIATES

ORIGINAL PLAN	DATE
SURVEY PLANNED BY	4/04
DRAWN BY	4/04
DESIGNED BY	4/04
QUANTITIES BY	4/04
CHECKED BY	4/04

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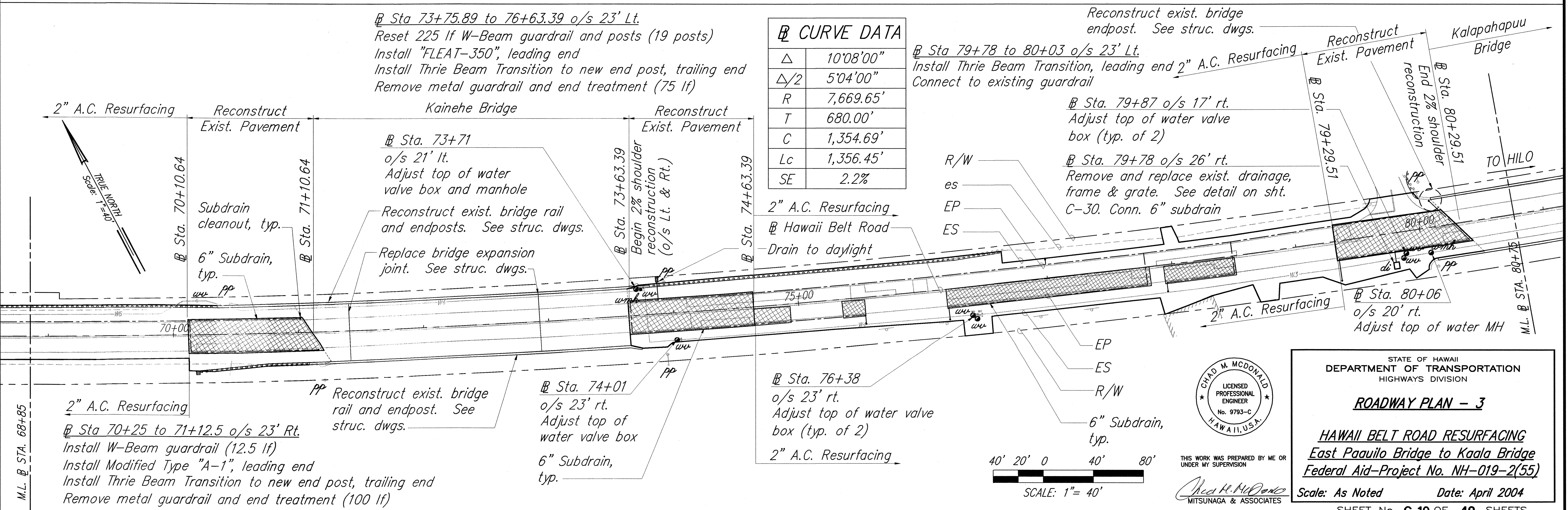
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	12	112



- Notes:**
1. Entire makai lane shall be reconstructed. Refer to sheet C-4, C-5 & C-6 for typical pavement reconstruction detail and sections.
 2. Hatched limits for makai lane reconstruction not shown for clarity.
 3. For pavement reconstruction limits, see schedule on sht. C-15.

LEGEND:

Reconstruct exist. pavement section



CURVE DATA

Δ	10°08'00"
$\Delta/2$	5°04'00"
R	7,669.65'
T	680.00'
C	1,354.69'
Lc	1,356.45'
SE	2.2%

SURVEY PLOTTED BY	DATE	4/04
DRAWN BY	4/04	
DESIGNED BY	4/04	
QUANTITIES BY	4/04	
CHECKED BY	4/04	



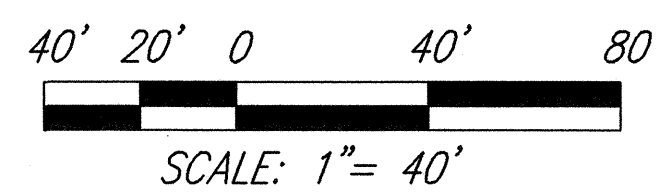
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN - 3

HAWAII BELT ROAD RESURFACING
East Paauilo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)

Scale: As Noted Date: April 2004

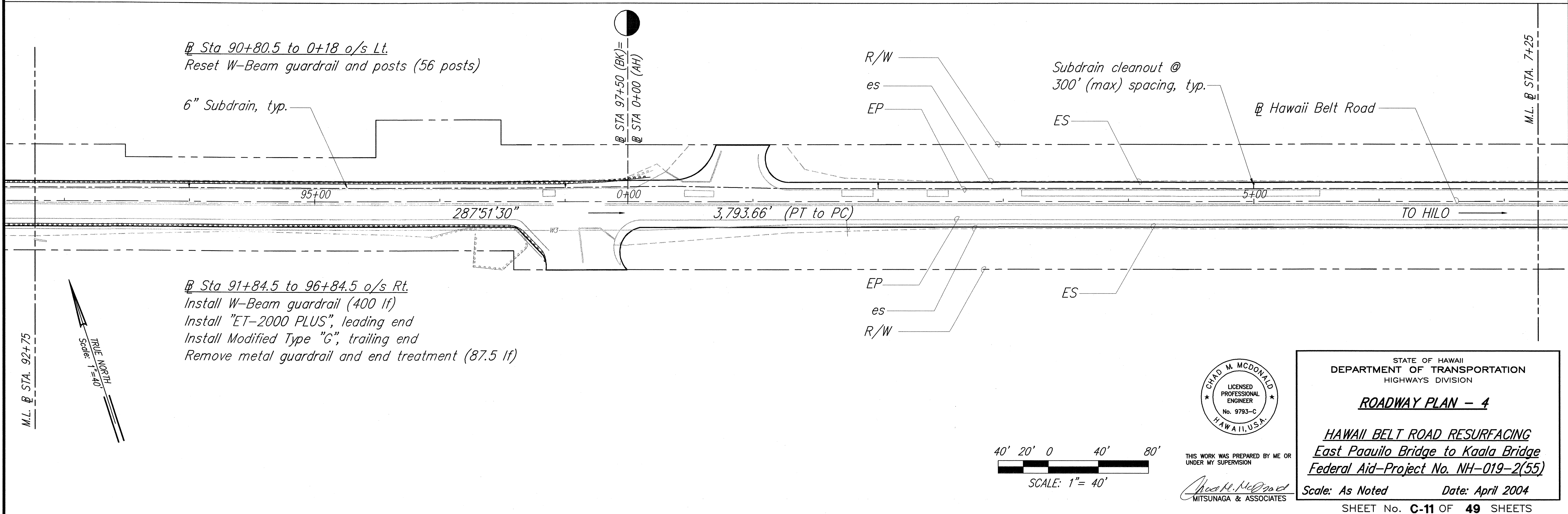
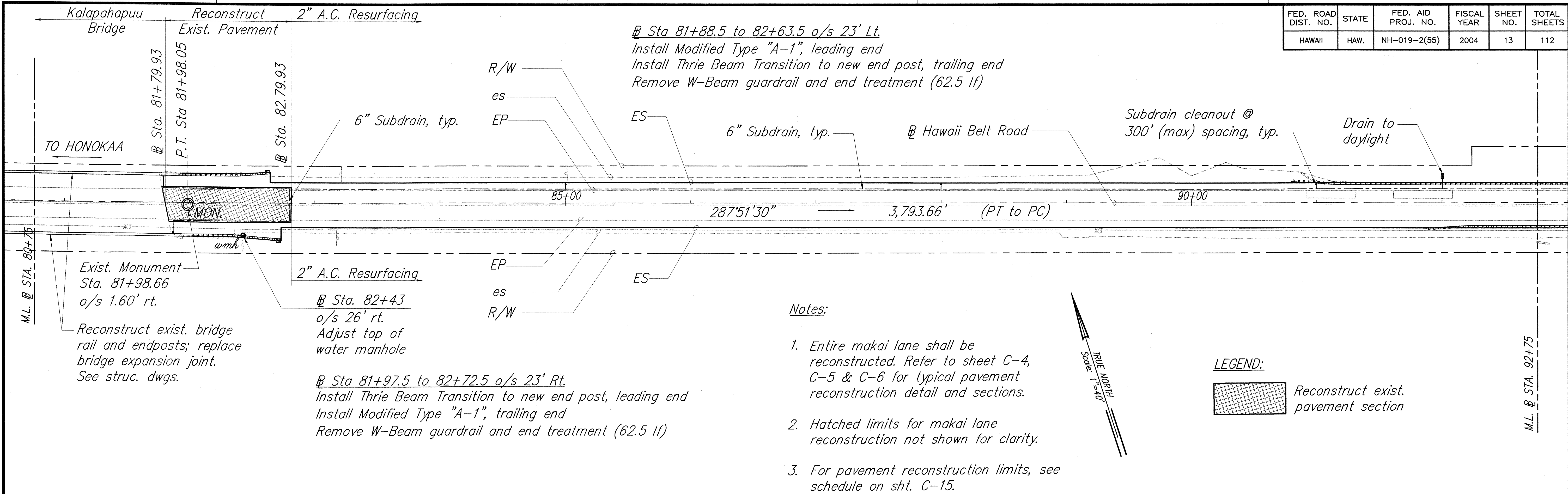
SHEET No. C-10 OF 49 SHEETS



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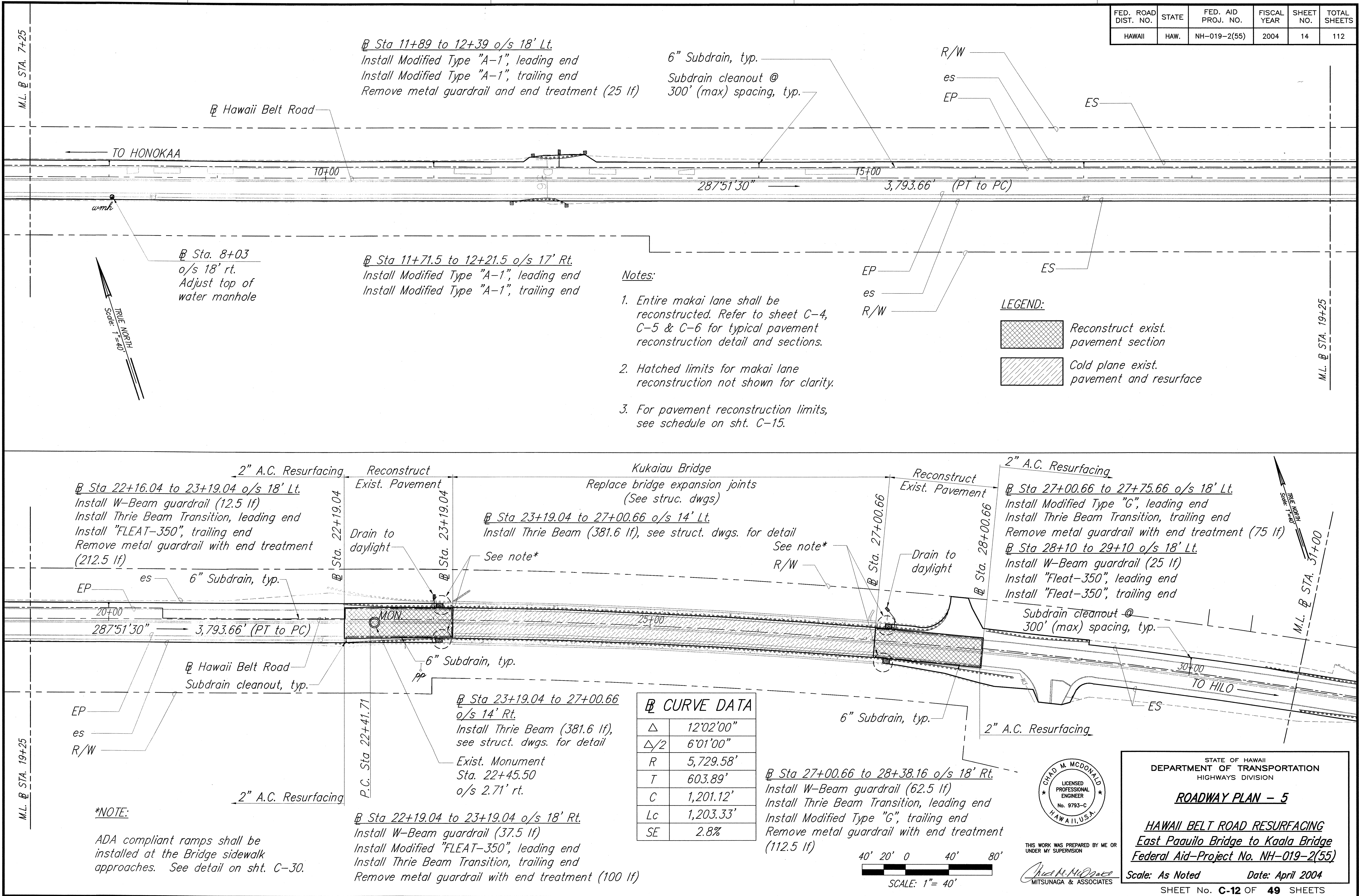
Chad M. McDonald
MITSUNAGA & ASSOCIATES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	13	112



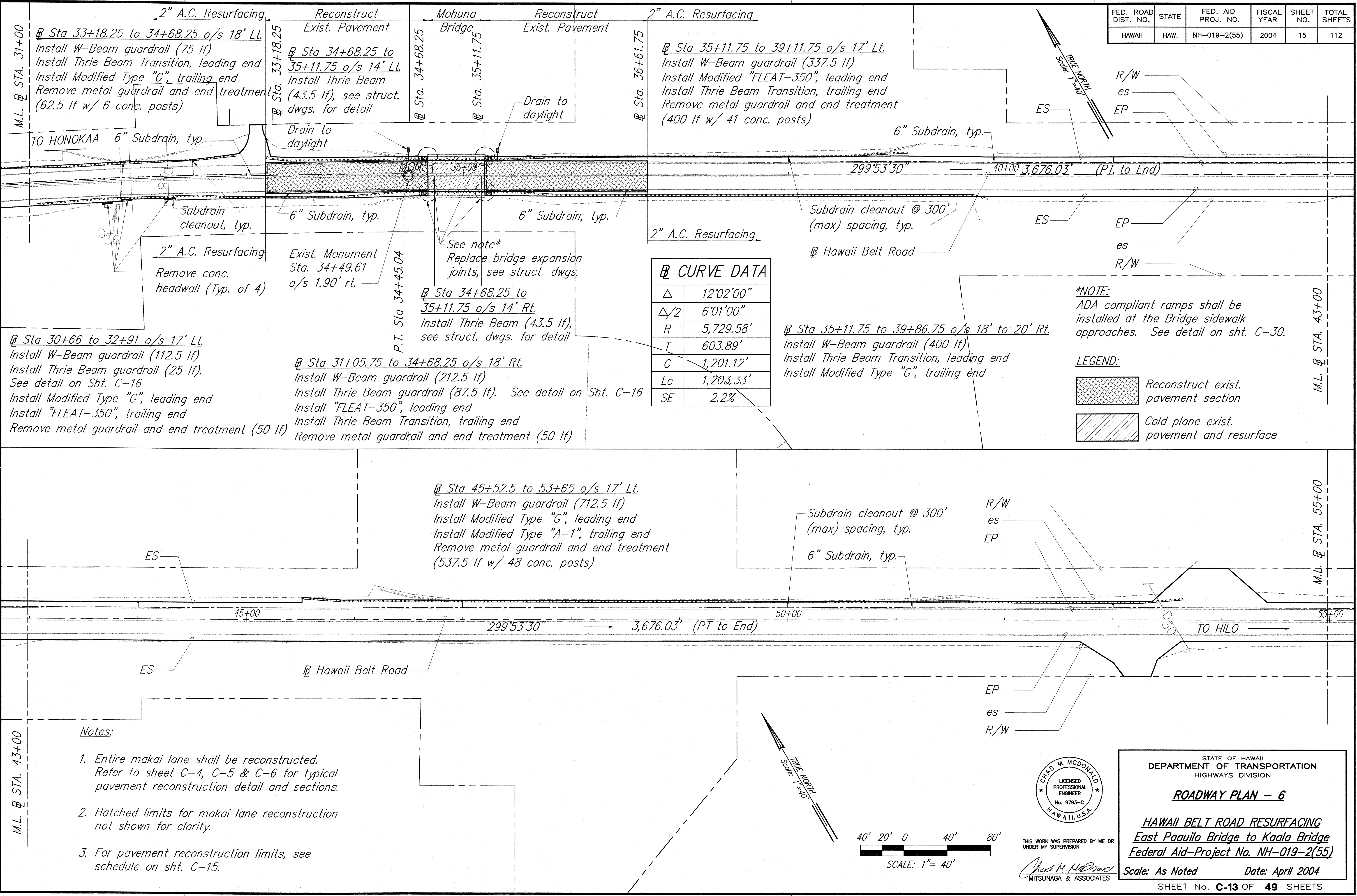
SURVEY PLOTTED BY	DATE
DRAWN BY	1/04
CHECKED BY	1/04
NOTED BY	1/04
ORIGINAL PLAN	No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	14	112



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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	15	112



CURVE DATA

Δ	12°02'00"
Δ/2	6°01'00"
R	5,729.58'
T	603.89'
C	1,201.12'
Lc	1,203.33'
SE	2.2%

***NOTE:**
 ADA compliant ramps shall be installed at the Bridge sidewalk approaches. See detail on sht. C-30.

LEGEND:

- Reconstruct exist. pavement section
- Cold plane exist. pavement and resurface

- Notes:**
1. Entire makai lane shall be reconstructed. Refer to sheet C-4, C-5 & C-6 for typical pavement reconstruction detail and sections.
 2. Hatched limits for makai lane reconstruction not shown for clarity.
 3. For pavement reconstruction limits, see schedule on sht. C-15.

SURVEY PLOTTED BY	DATE
DRAWN BY	6/04
TRACED BY	6/04
QUANTITIES BY	6/04
CHECKED BY	6/04
NOTE BOOK	
No.	



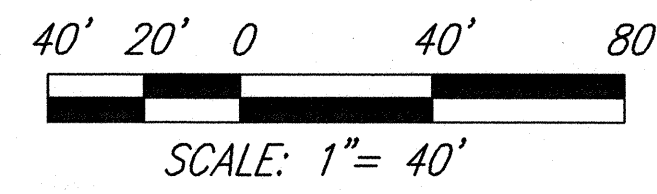
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLAN - 6

HAWAII BELT ROAD RESURFACING
 East Paauilo Bridge to Kaala Bridge
 Federal Aid-Project No. NH-019-2(55)

Scale: As Noted Date: April 2004

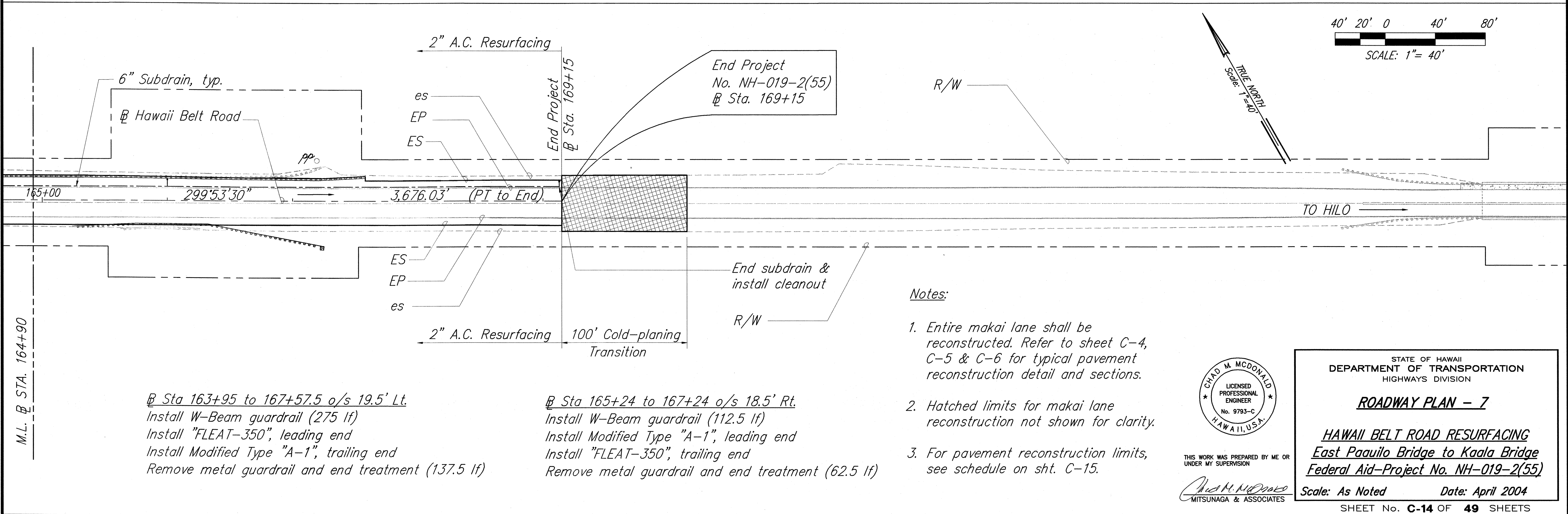
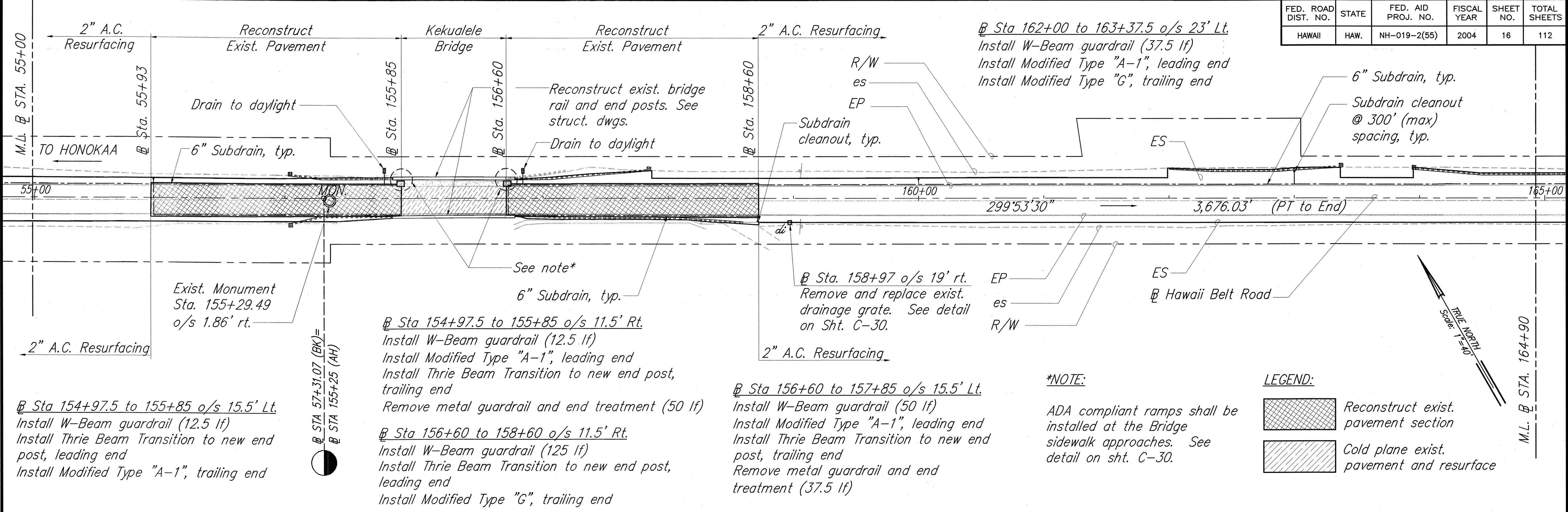
SHEET No. **C-13** OF **49** SHEETS



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 MITSUNAGA & ASSOCIATES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(55)	2004	16	112



ORIGINAL PLAN	DATE
DRAWN BY	1/04
DESIGNED BY	1/04
NOTED BY	1/04
CHECKED BY	1/04

CHAD M. MCDONALD
LICENSED PROFESSIONAL ENGINEER
No. 9793-C
HAWAII, U.S.A.

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MITSUNAGA & ASSOCIATES

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN - 7

HAWAII BELT ROAD RESURFACING
East Paauilo Bridge to Kaala Bridge
Federal Aid-Project No. NH-019-2(55)
Scale: As Noted Date: April 2004
SHEET No. C-14 OF 49 SHEETS