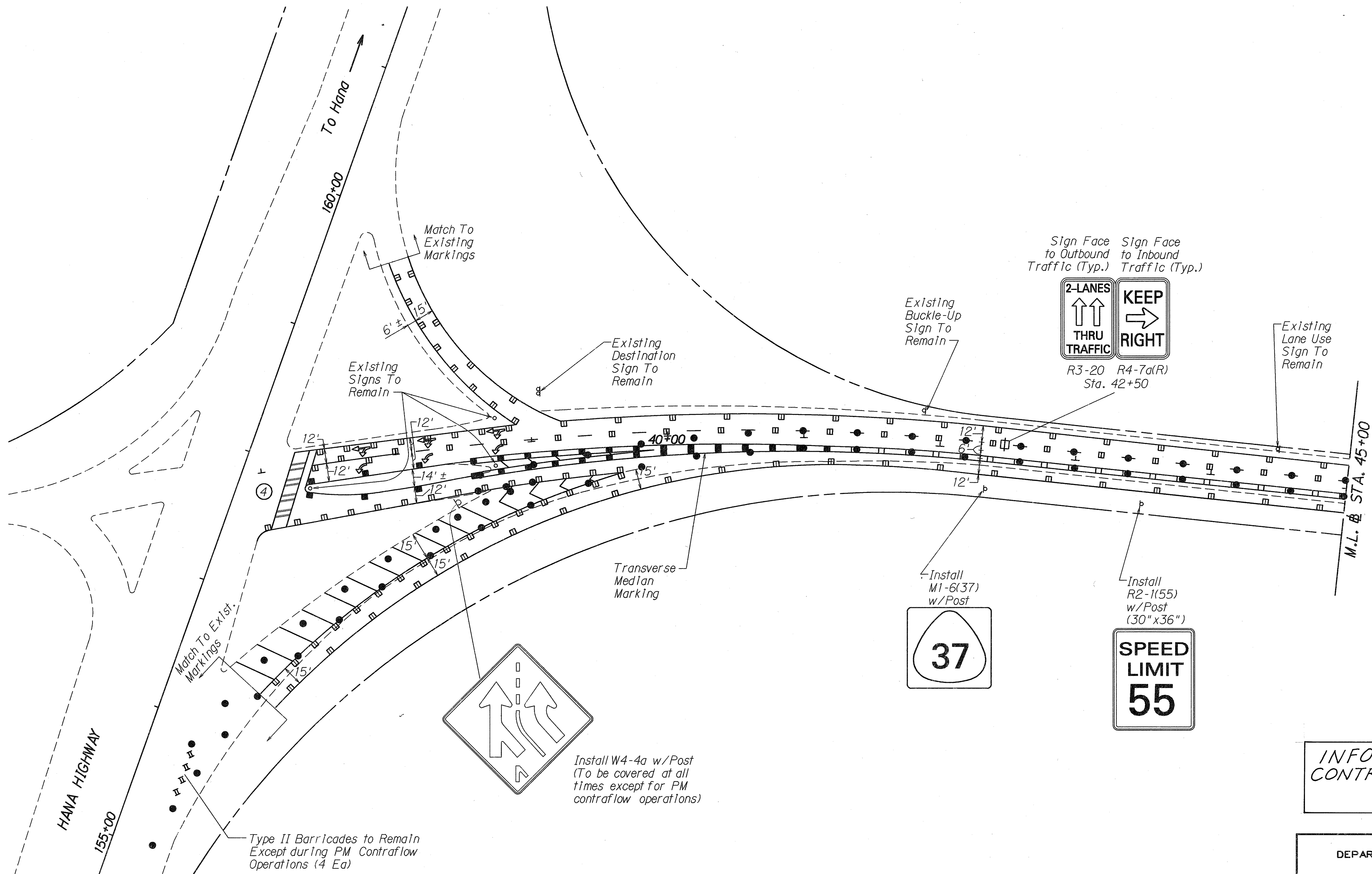


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	18	50



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

- LEGEND
- 28" Cone with Reflective Bands
 - ⊕ Portable Sign (BI-Directional)

INFORMATION ONLY
CONTRA FLOW LANES
PM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

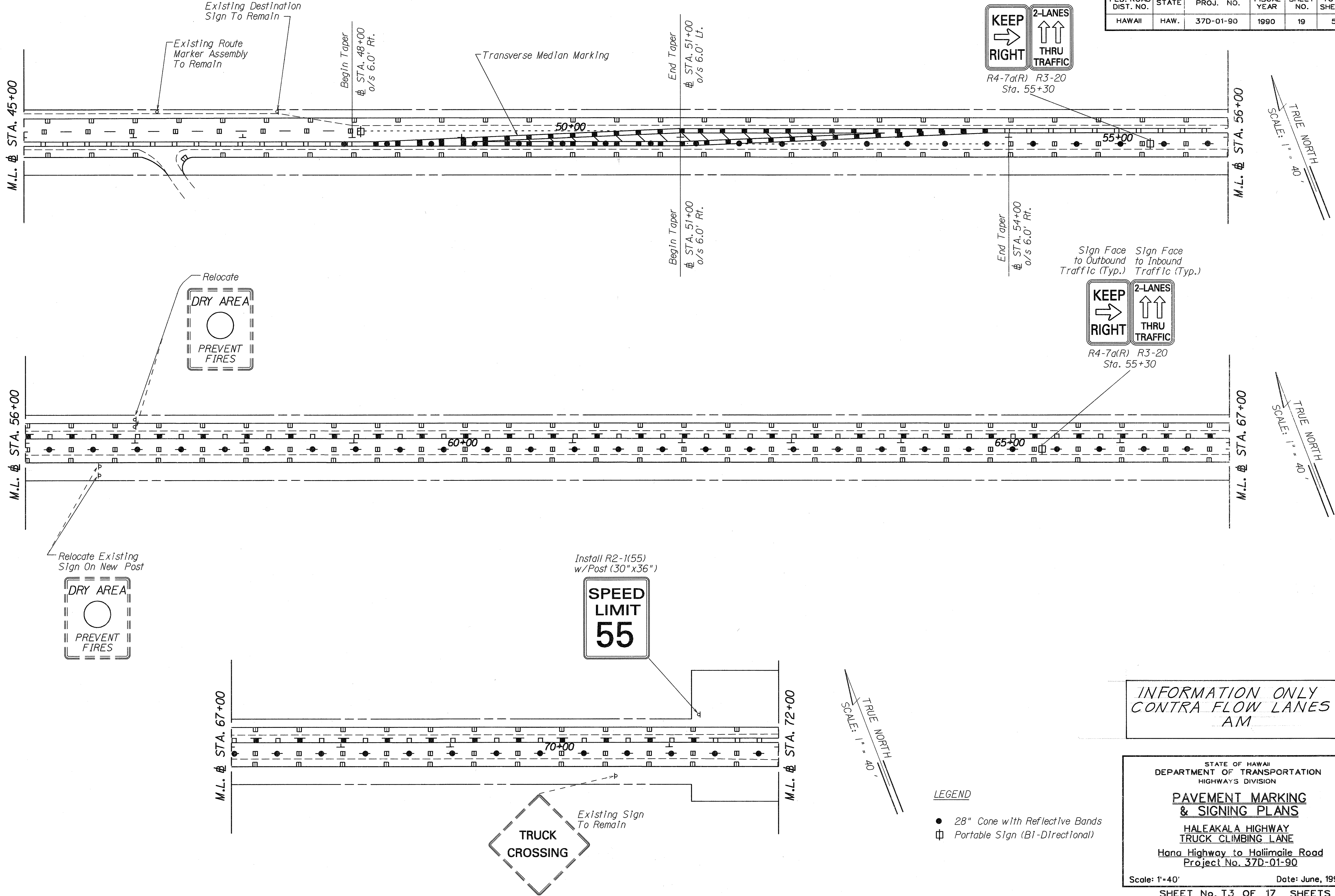
**PAVEMENT MARKING
& SIGNING PLANS**

HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40' Date: June, 1990

SHEET No. T2 OF 17 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	19	50



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	TRACED BY	
CHECKED BY	DESIGNED BY	
NO. _____	CHECKED BY	

- LEGEND
- 28" Cone with Reflective Bands
 - ⊕ Portable Sign (BI-Directional)

INFORMATION ONLY
CONTRA FLOW LANES
AM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

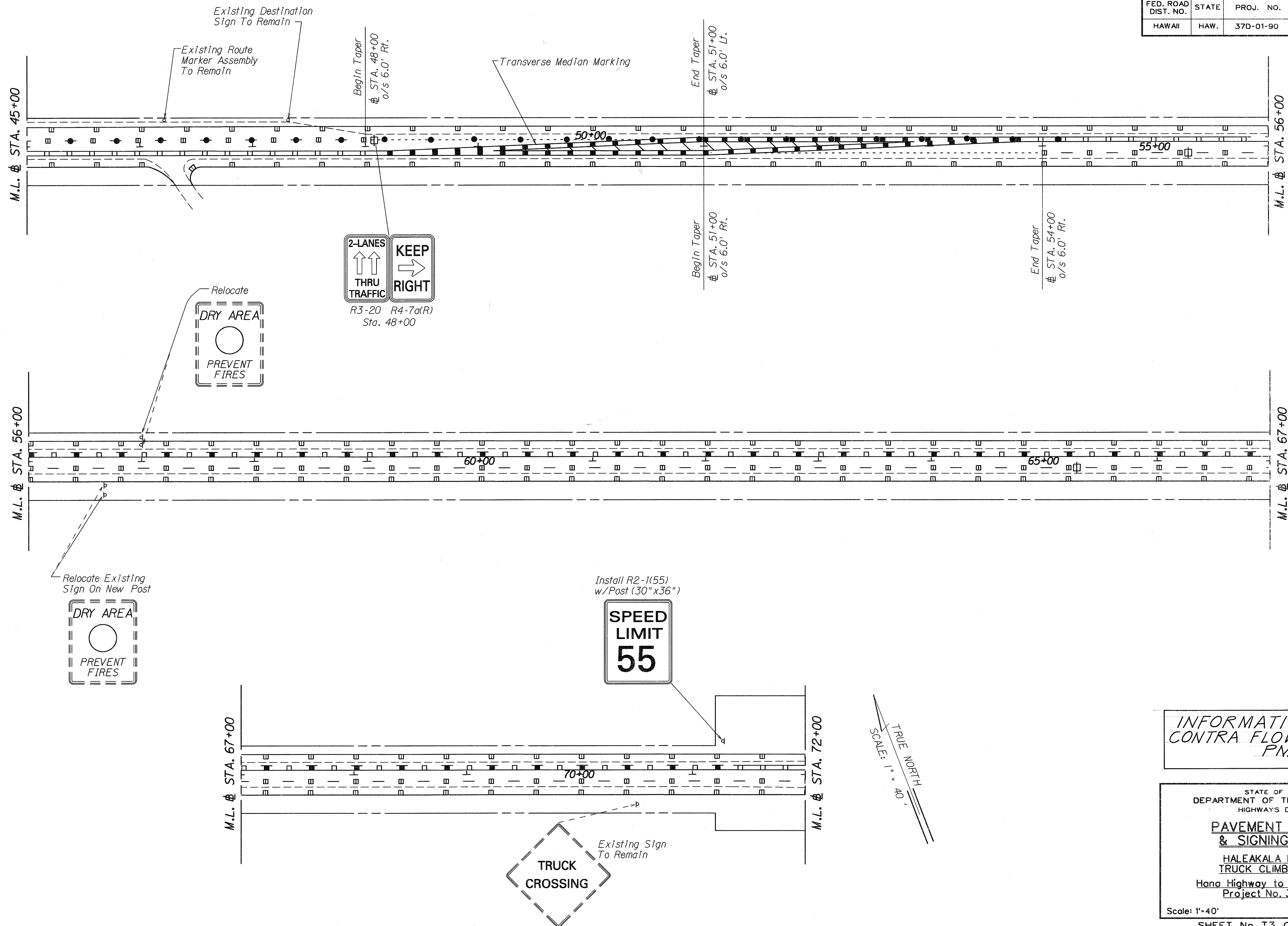
**PAVEMENT MARKING
& SIGNING PLANS**

HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40' Date: June, 1990

SHEET No. T3 OF 17 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	19	50



TRUE NORTH
SCALE: 1" = 40'

TRUE NORTH
SCALE: 1" = 40'

TRUE NORTH
SCALE: 1" = 40'

INFORMATION ONLY
CONTRA FLOW LANES
PM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

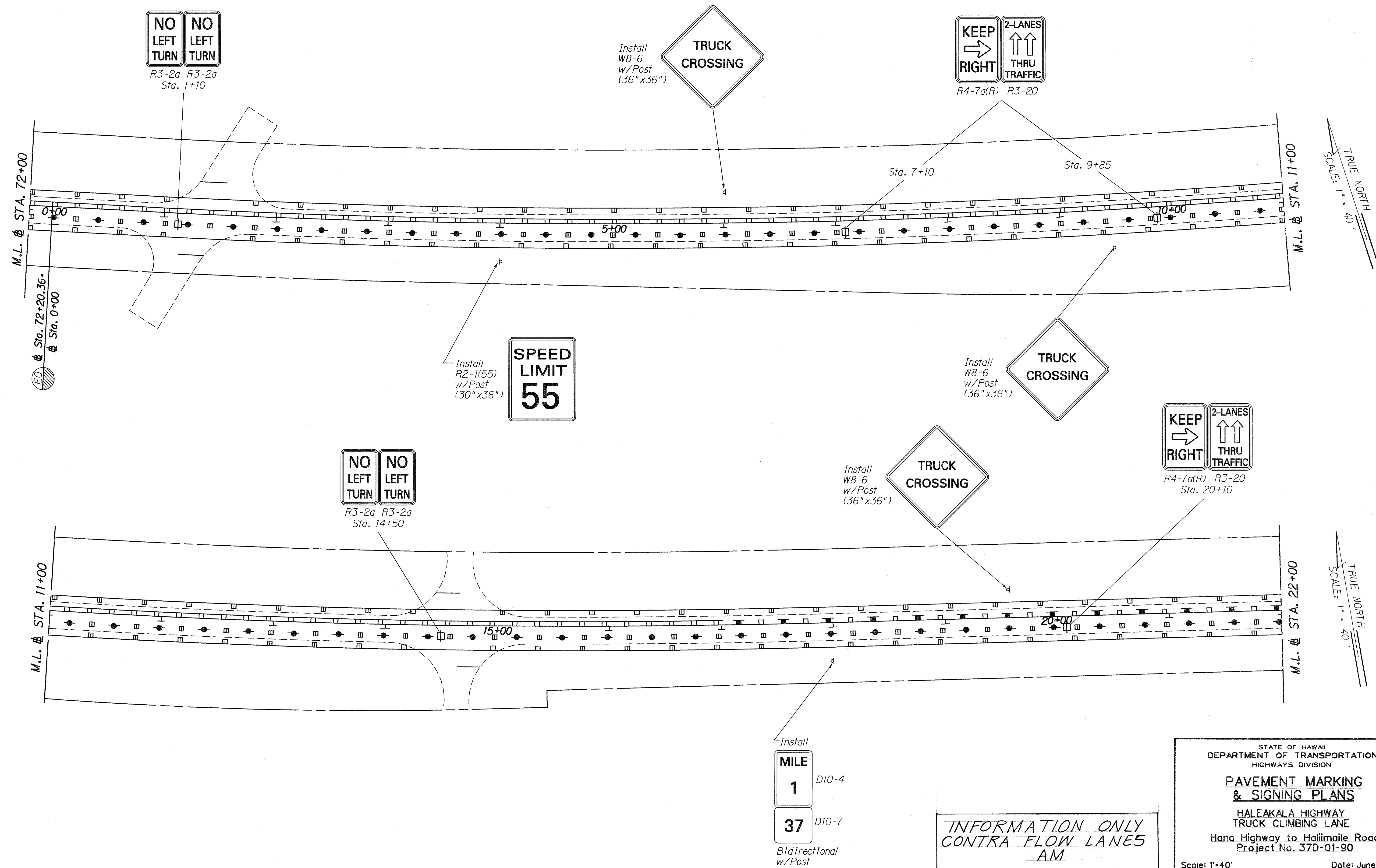
**PAVEMENT MARKING
& SIGNING PLANS**

HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40' Date: June, 1990

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	20	50



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

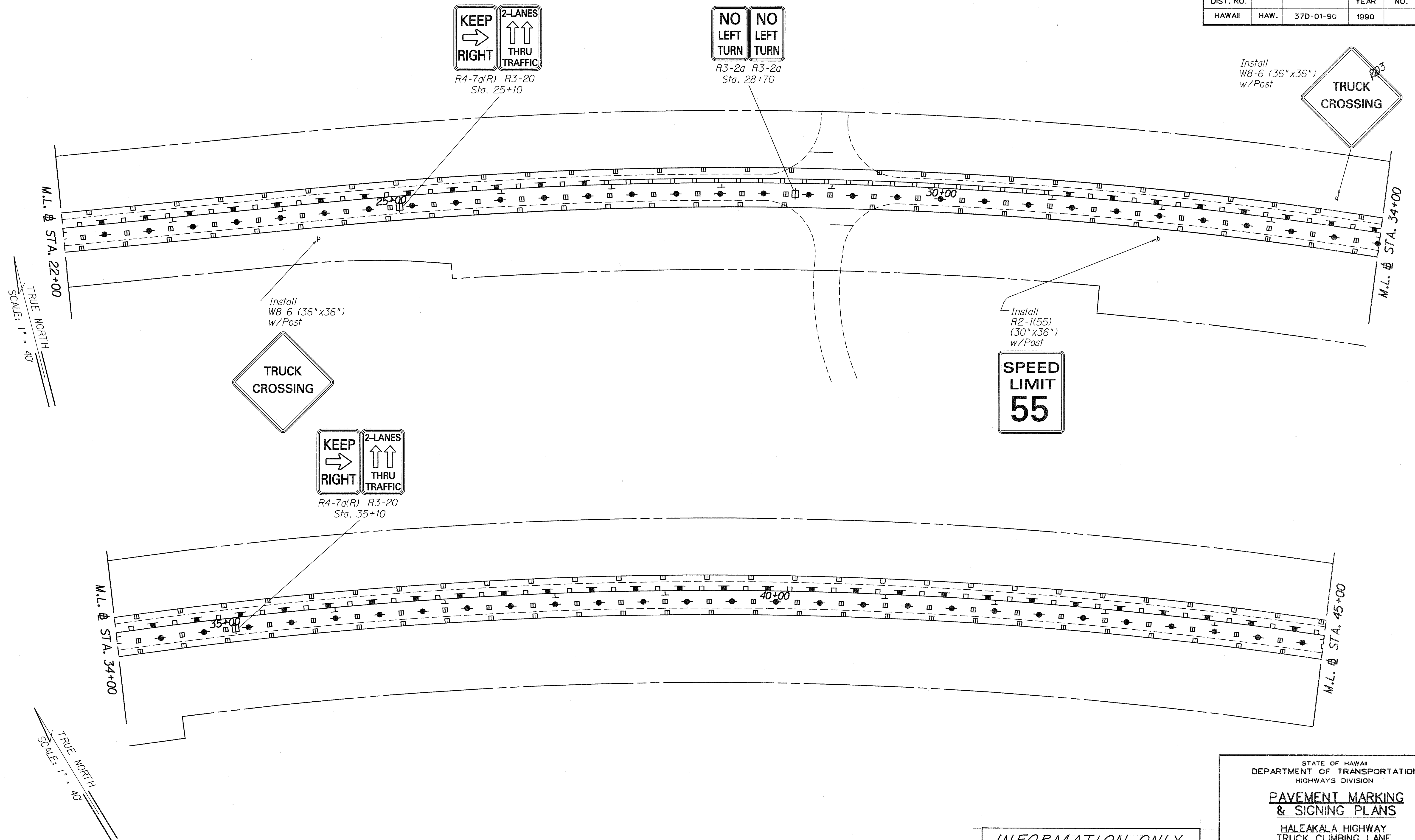
INFORMATION ONLY
CONTRA FLOW LANES
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLANS
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40'
Date: June, 1990

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990		



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

INFORMATION ONLY
CONTRA FLOW LANES
AM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLANS

HALEAKALA HIGHWAY
TRUCK CLIMBING LANE

Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40' Date: June, 1990

SHEET No. 15 OF 17 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	22	50

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
NOTE BOOK		
	CHECKED BY	

TRUE NORTH
SCALE: 1" = 40'

KEEP RIGHT
2-LANES THRU TRAFFIC
R4-7a(R) R3-20
Sta. 45+10

Install
R2-1(55)
(30" x 36")
w/Post
SPEED LIMIT 55

NO LEFT TURN
NO LEFT TURN
R3-2a R3-2a
Sta. 50+50

Install
W8-6
(36" x 36")
w/Post
TRUCK CROSSING

KEEP RIGHT
2-LANES THRU TRAFFIC
R4-7a(R) R3-20
Sta. 55+10

M.L. @ STA. 45+00

Install
W8-6
(36" x 36")
w/Post
TRUCK CROSSING

KEEP RIGHT
2-LANES THRU TRAFFIC
R4-7a(R) R3-20
Sta. 63+50

Install
R2-1(55)
(30" x 36")
w/Post
SPEED LIMIT 55

NO LEFT TURN
NO LEFT TURN
R3-2a R3-2a
Sta. 66+90

M.L. @ STA. 57+00

M.L. @ STA. 68+00

TRUE NORTH
SCALE: 1" = 40'

Install
W8-6
(36" x 36")
w/Post
TRUCK CROSSING

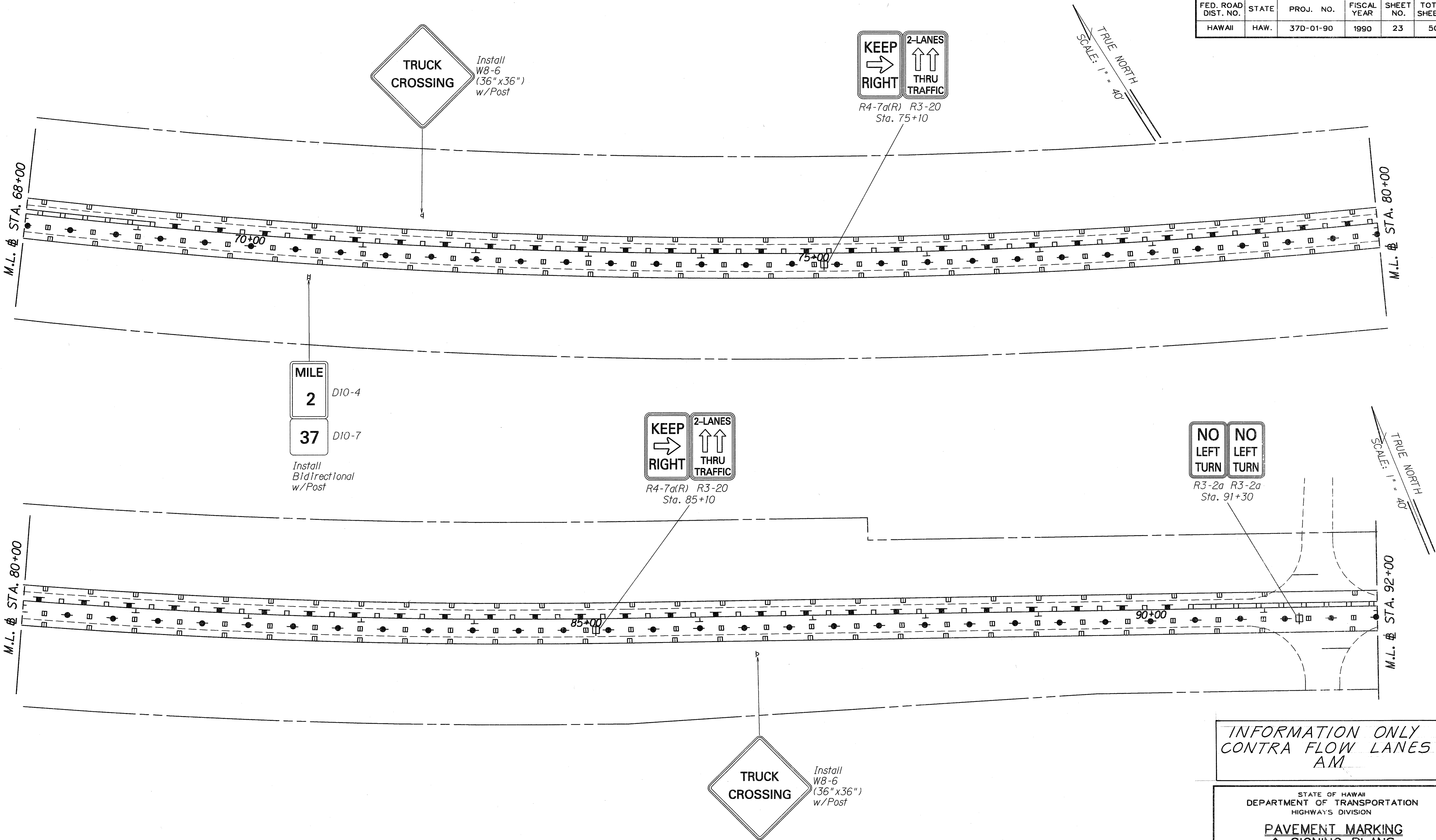
INFORMATION ONLY
CONTRA FLOW LANES
AM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLANS
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90
Scale: 1"=40' Date: June, 1990

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	23	50

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



INFORMATION ONLY
CONTRA FLOW LANES
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLANS
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40'
SHEET No. T7 OF 17 SHEETS

Date: June, 1990

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	24	50



Install
W8-6
(36" x 36")
w/Post

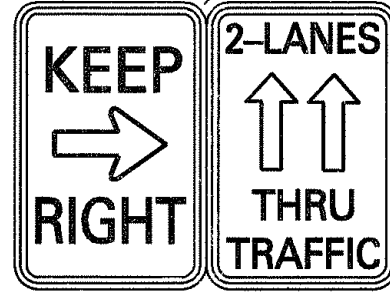


Install
R2-1(55)
(30" x 36")
w/Post

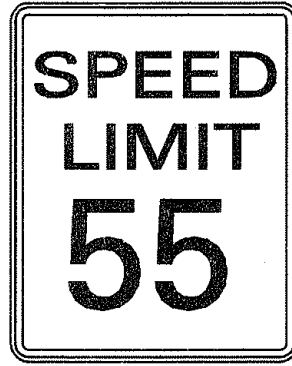
M.L. @ STA. 92+00

M.L. @ STA. 104+00

TRUE NORTH
SCALE: 1" = 40'



R4-7a(R) R3-20
Sta. 95+10

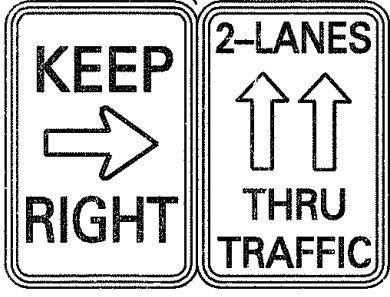


Install
R2-1(55)
(30" x 36")
w/Post

M.L. @ STA. 104+00

M.L. @ STA. 115+00

TRUE NORTH
SCALE: 1" = 40'



R4-7a(R) R3-20
Sta. 105+10

INFORMATION ONLY
CONTRA FLOW LANES
AM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

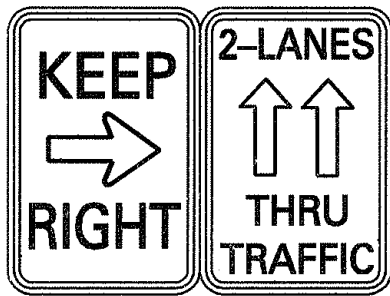
PAVEMENT MARKING
& SIGNING PLANS

HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40' Date: June, 1990
SHEET No. 18 OF 17 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	

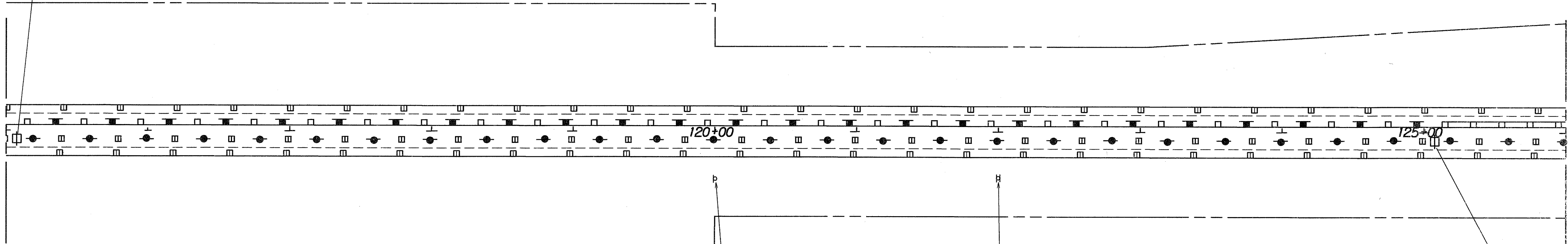
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	25	50



R4-7a(R) R3-20
Sta. 115+10

TRUE NORTH
SCALE: 1" = 40'

M.L. @ STA. 115+00



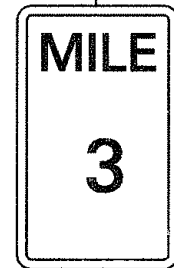
M.L. @ STA. 126+00



R3-2a R3-2a
Sta. 126+50



Install
W8-6
(36" x 36")
w/Post

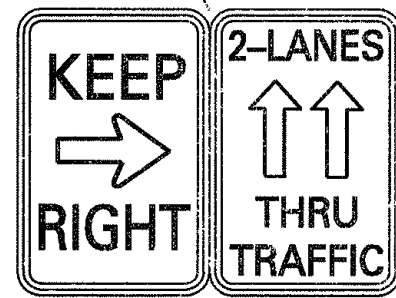


D10-4

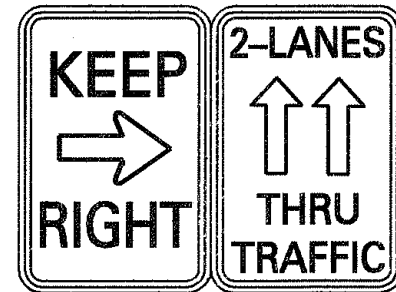


D10-7

Install
Bidirectional
w/Post

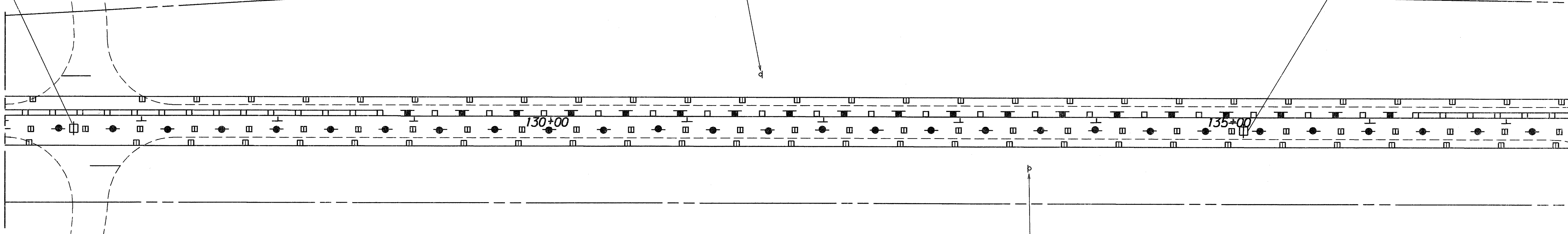


R4-7a(R) R3-20
Sta. 125+10



R4-7a(R) R3-20
Sta. 135+10

M.L. @ STA. 126+00



M.L. @ STA. 137+50



Install
W8-6
(36" x 36")
w/Post

INFORMATION ONLY
CONTRA FLOW LANES
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLANS
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40'
Date: June, 1990

SHEET No. T9 OF 17 SHEETS

25AM

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

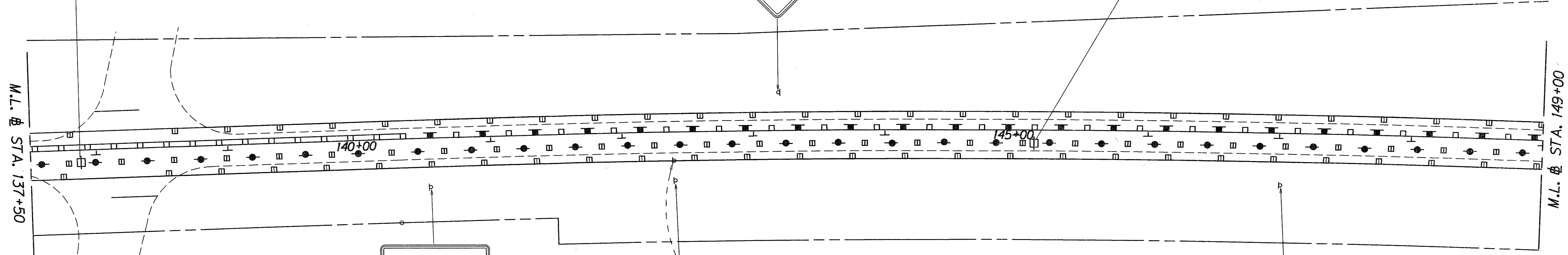
ORIGINAL PLAN	NO.
NOTE BOOK	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	26	50

NO LEFT TURN
NO LEFT TURN
R3-2a R3-2a
Sta. 137+90

TRUCK CROSSING
Install
W8-6 (36"x36")
w/Post

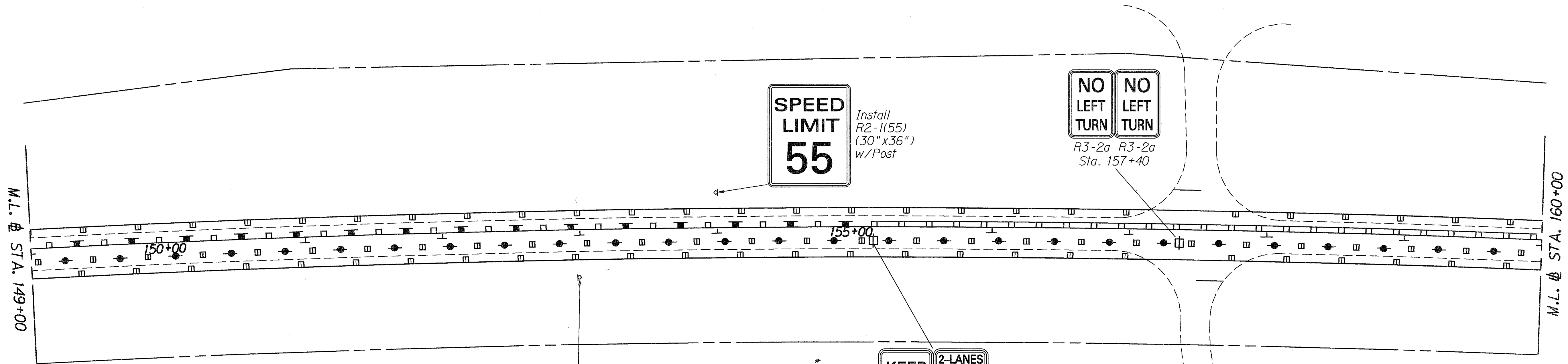
KEEP RIGHT
2-LANES THRU TRAFFIC
R4-7a(R) R3-20
Sta. 145+10



EMERGENCY STOPPING ONLY
Install
R8-7 (30"x24")
w/Post

ELEVATION 500 FT.
Relocate
On New Post

SPEED LIMIT 55
Install
R2-1(55)
(30"x36")
w/Post



SPEED LIMIT 55
Install
R2-1(55)
(30"x36")
w/Post

NO LEFT TURN
NO LEFT TURN
R3-2a R3-2a
Sta. 157+40

KEEP RIGHT
2-LANES THRU TRAFFIC
R4-7a(R) R3-20
Sta. 155+10

TRUCK CROSSING
Install
W8-6 (36"x36")
w/Post

INFORMATION ONLY
CONTRA FLOW LANES
AM

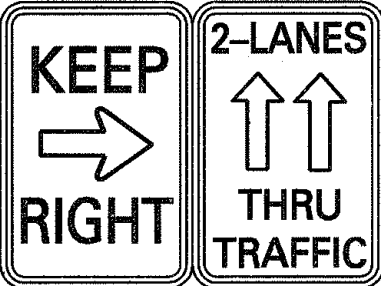
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLANS
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90
Scale: 1"=40'
Date: June, 1990

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
NOTE BOOK	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	27	50

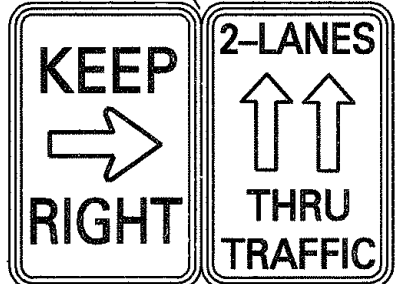
DATE	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
N.	_____



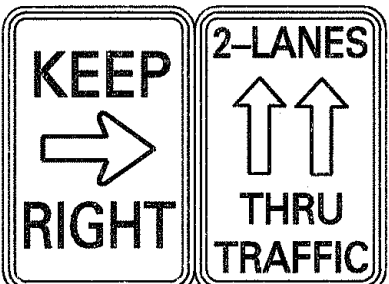
R4-7a(R) R3-20
Sta. 165+15



Install
W8-6
(36" x 36")
w/Post



R4-7a(R) R3-20
Sta. 160+15



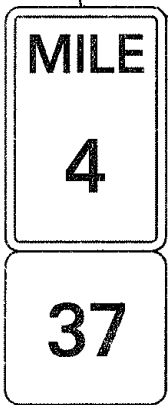
R4-7a(R) R3-20
Sta. 175+15



R3-2a R3-2a
Sta. 182+75



Install
W8-6
(36" x 36")
w/Post



D10-4

D10-7

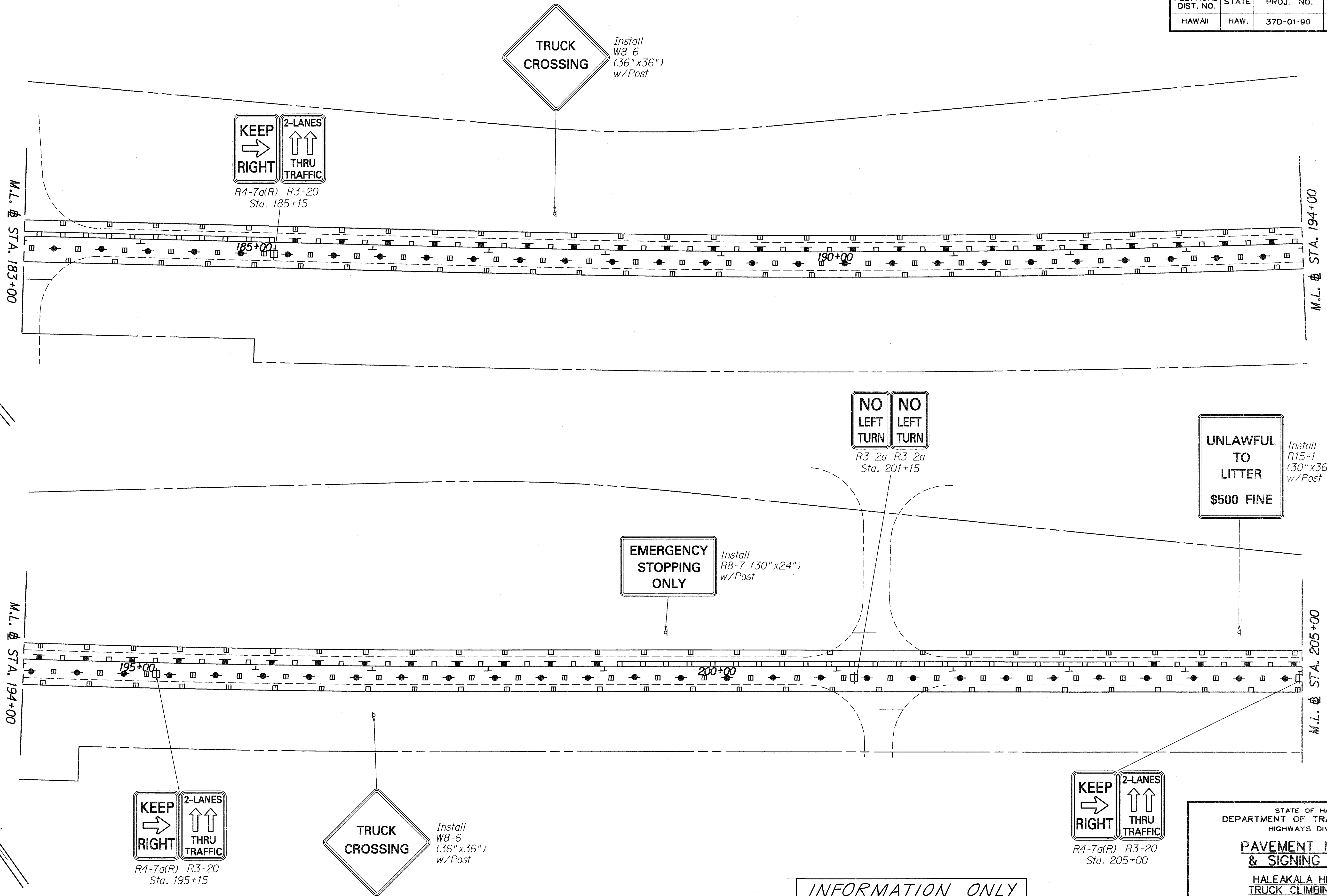
Install
Bidirectional
w/Post

INFORMATION ONLY
CONTRA FLOW LANES
AM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLANS
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hono Highway to Haliimaile Road
Project No. 37D-01-90
Scale: 1"=40'
Date: June, 1990
SHEET No. T11 OF 17 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	28	50



TRUE NORTH
SCALE: 1" = 40'

TRUE NORTH
SCALE: 1" = 40'

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

INFORMATION ONLY
CONTRA FLOW LANES
AM

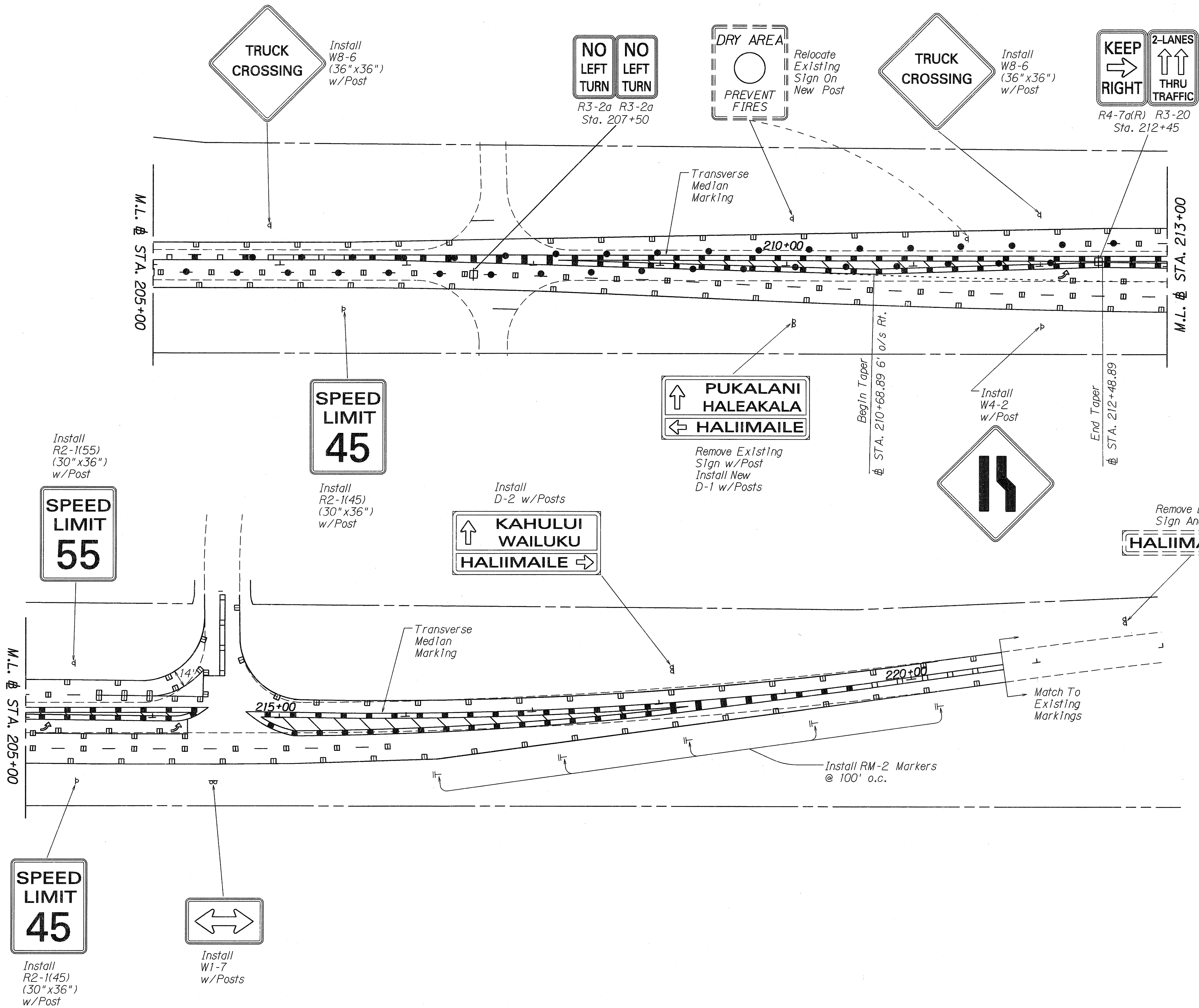
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLANS
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40'
SHEET No. 112 OF 17 SHEETS

Date: June, 1990

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	29	50



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
NO.	_____

INFORMATION ONLY
CONTRA FLOW LANES
AM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
& SIGNING PLANS
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Highway to Haliimaile Road
Project No. 37D-01-90

Scale: 1"=40'
Date: June, 1990
SHEET No. T13 OF 17 SHEETS