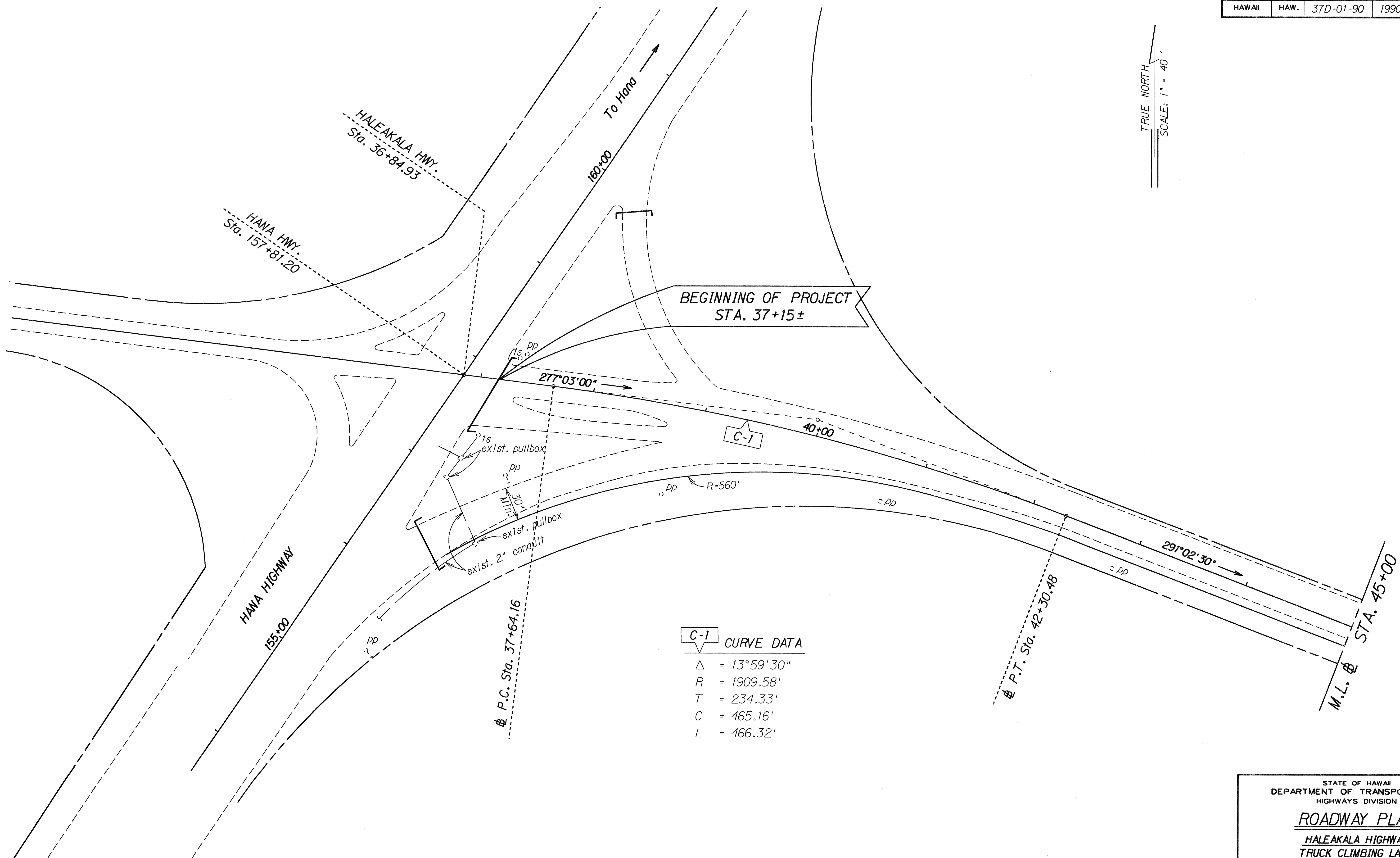


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	5	50

TRUE NORTH
SCALE: 1" = 40'



C-1 CURVE DATA

Δ	= $13^\circ 59' 30''$
R	= 1909.58'
T	= 234.33'
C	= 465.16'
L	= 466.32'

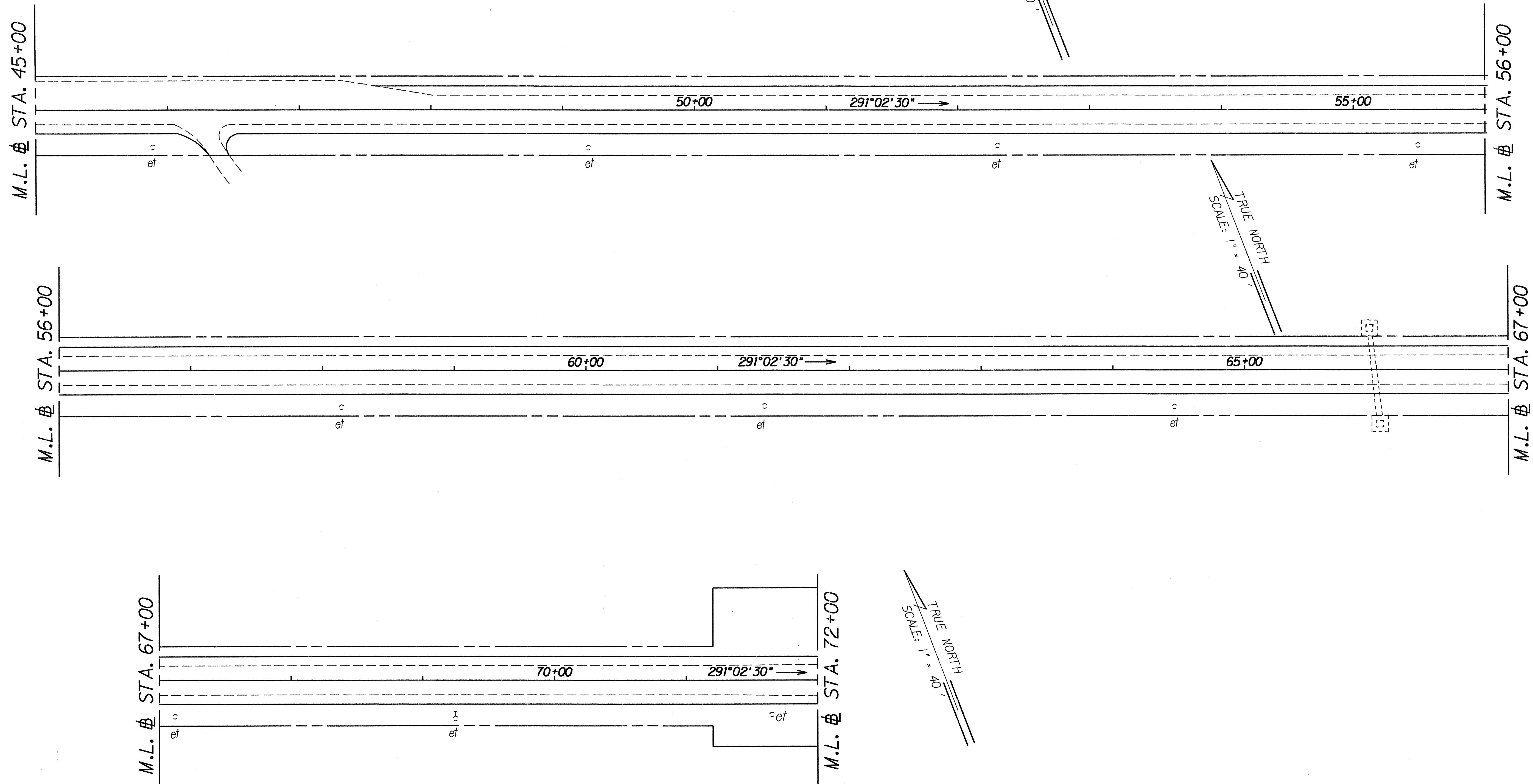
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Haliimaile Rd.
Proj. No. 37D-01-90

Scale: 1" = 40' Date: March, 1990
SHEET No. 1 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	6	50



ORIGINAL PLAN	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
DATE	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

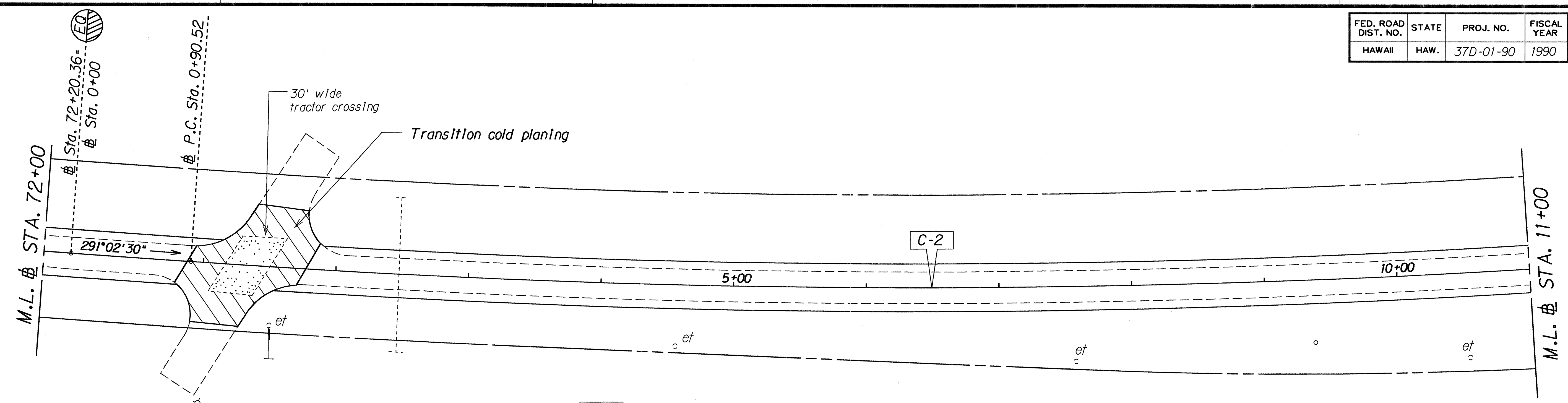
ROADWAY PLAN

HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Hailimaile Rd.
Proj. No. 37D-01-90

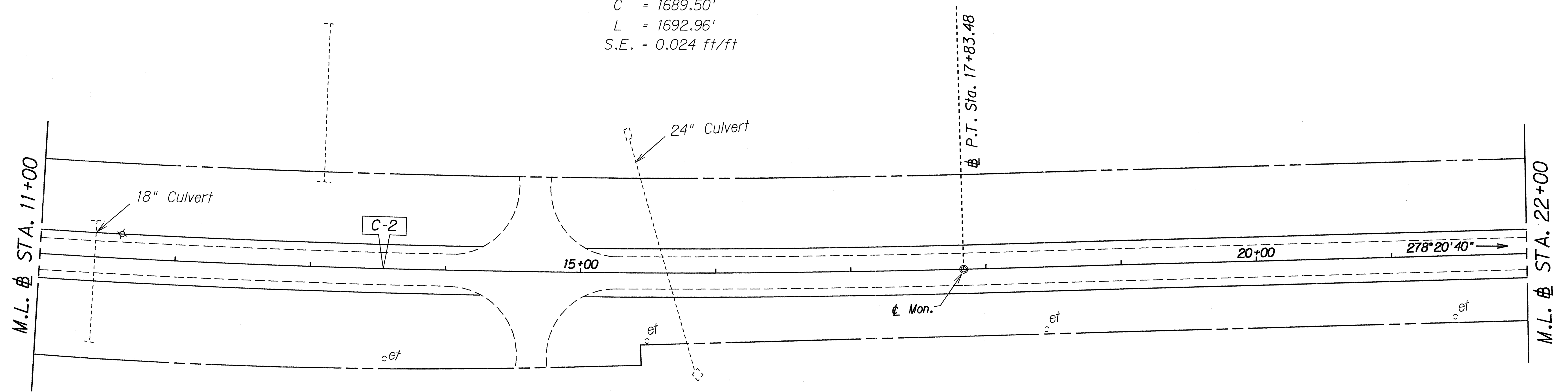
Scale: 1" = 40' Date: March, 1990

SHEET No. 2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	7	50



C-2 CURVE DATA	
Δ	= 12° 41' 50"
R	= 7639.44'
T	= 849.96'
C	= 1689.50'
L	= 1692.96'
S.E.	= 0.024 ft/ft



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

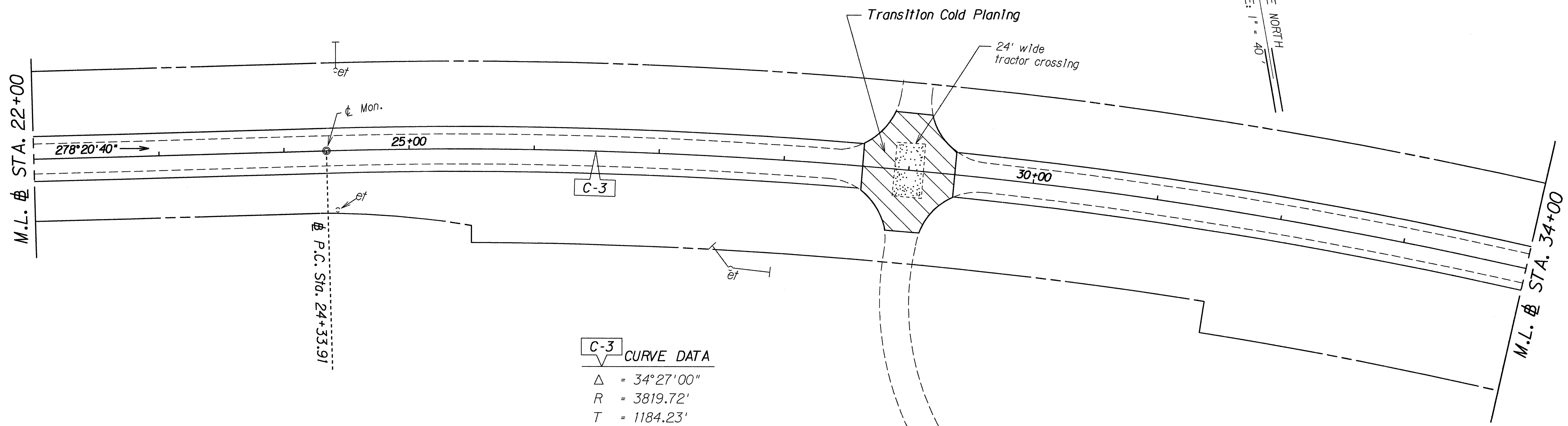
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Haliimaile Rd.
Proj. No. 37D-01-90

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

SHEET No. 3 OF 12 SHEETS

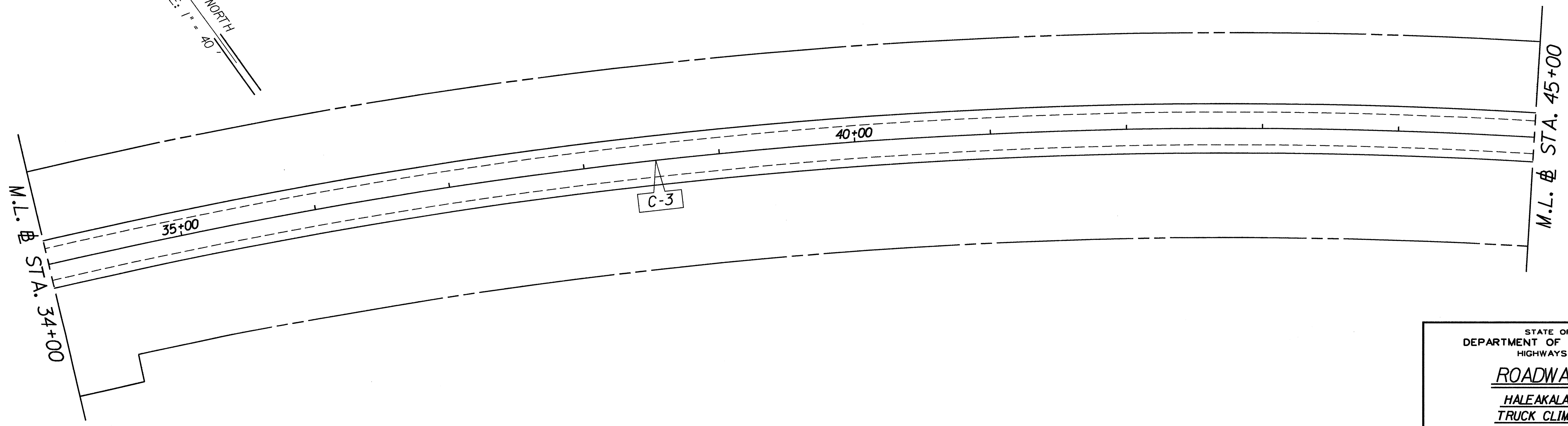
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	8	50

TRUE NORTH
SCALE: 1" = 40'



C-3 CURVE DATA
 $\Delta = 34^\circ 27' 00''$
 $R = 3819.72'$
 $T = 1184.23'$
 $C = 2262.23'$
 $L = 2296.67'$
 $S.E. = 0.032 \text{ ft/ft}$

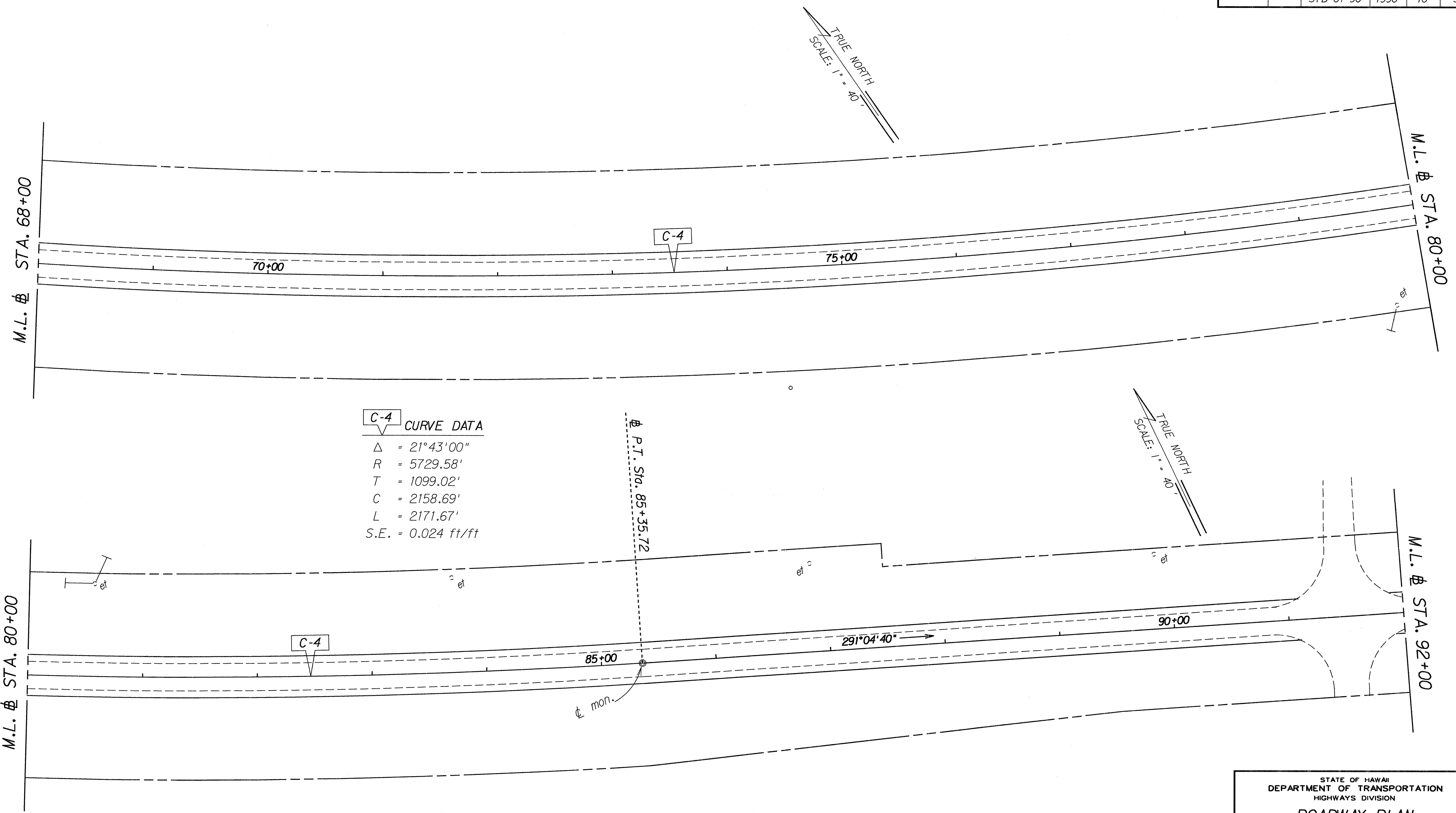
TRUE NORTH
SCALE: 1" = 40'



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLAN
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Hailimaile Rd.
Proj. No. 37D-01-90
Scale: 1" = 40' Date: March, 1990
SHEET No. 4 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	10	50



C-4 CURVE DATA
 Δ = 21°43'00"
R = 5729.58'
T = 1099.02'
C = 2158.69'
L = 2171.67'
S.E. = 0.024 ft/ft

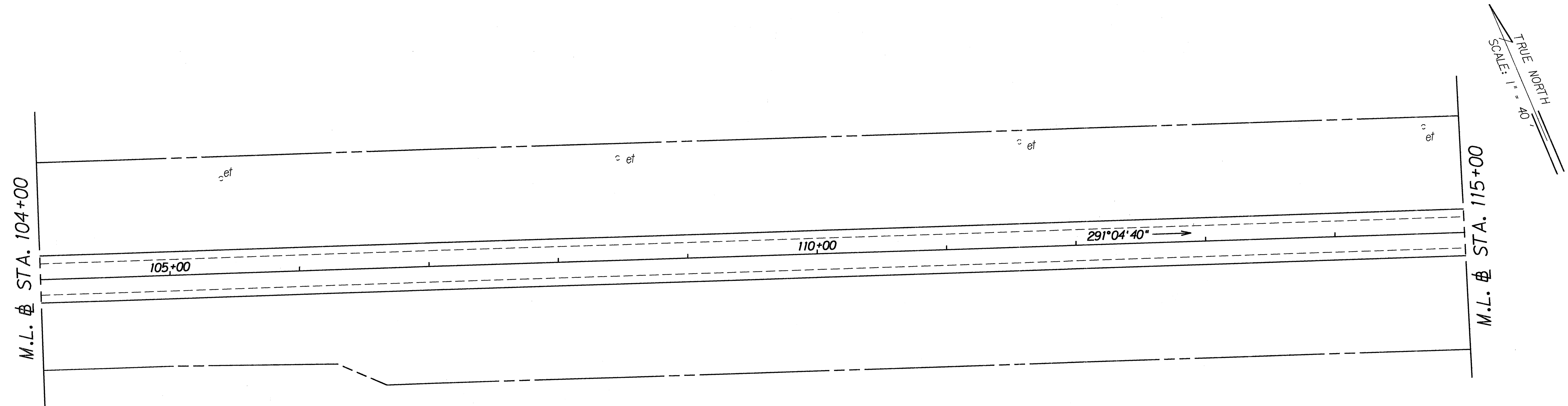
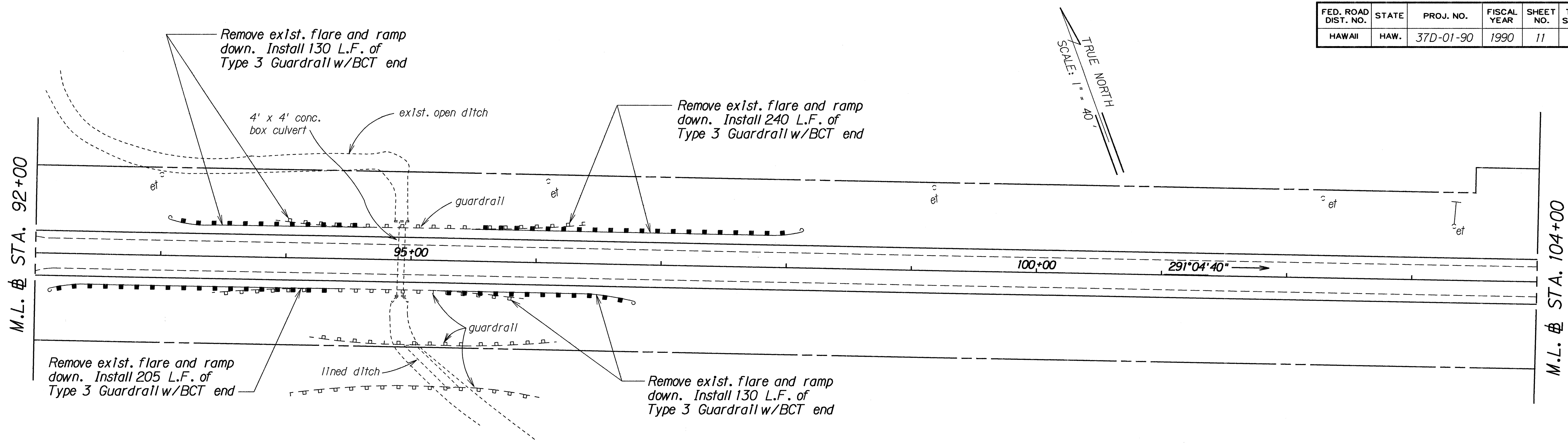
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Haliimaile Rd.
Proj. No. 37D-01-90

Scale: 1" = 40'
Date: March, 1990
SHEET No. 6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	11	50



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	DRAWN BY	
NOTED BY	CHECKED BY	
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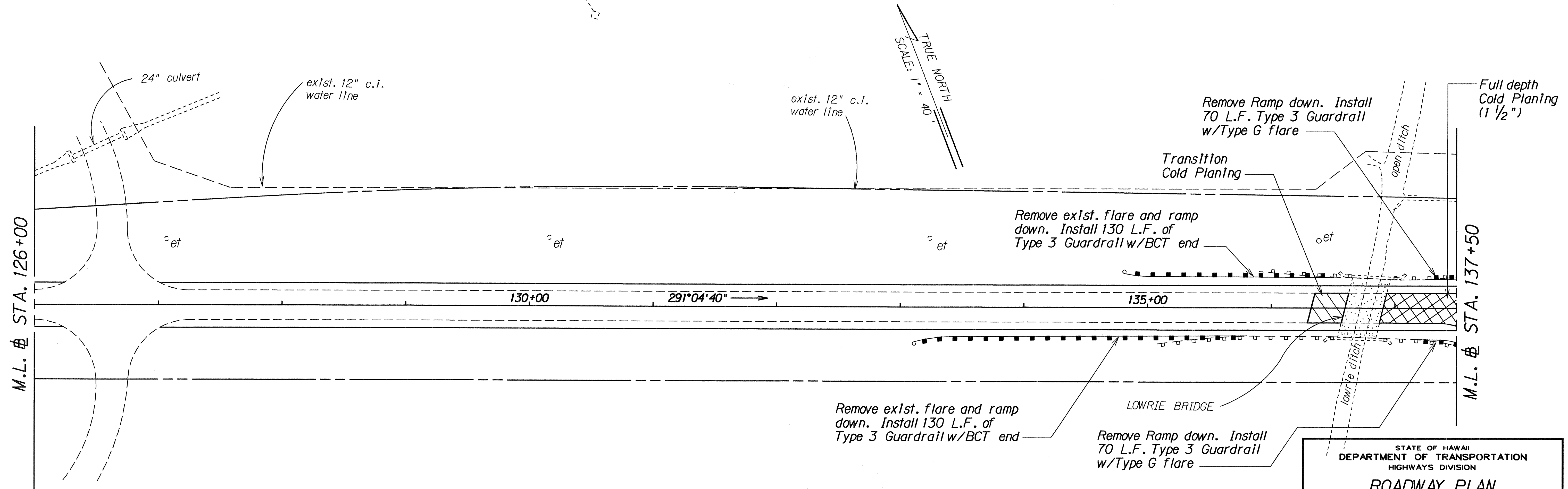
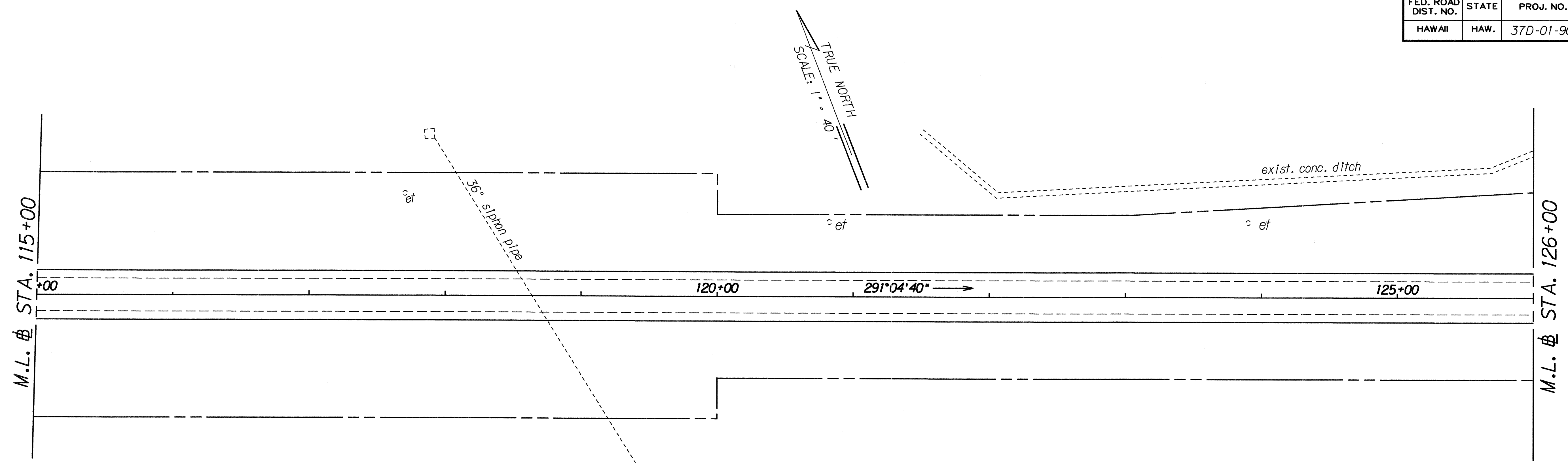
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN

HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Haliimaile Rd.
Proj. No. 37D-01-90

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	12	50



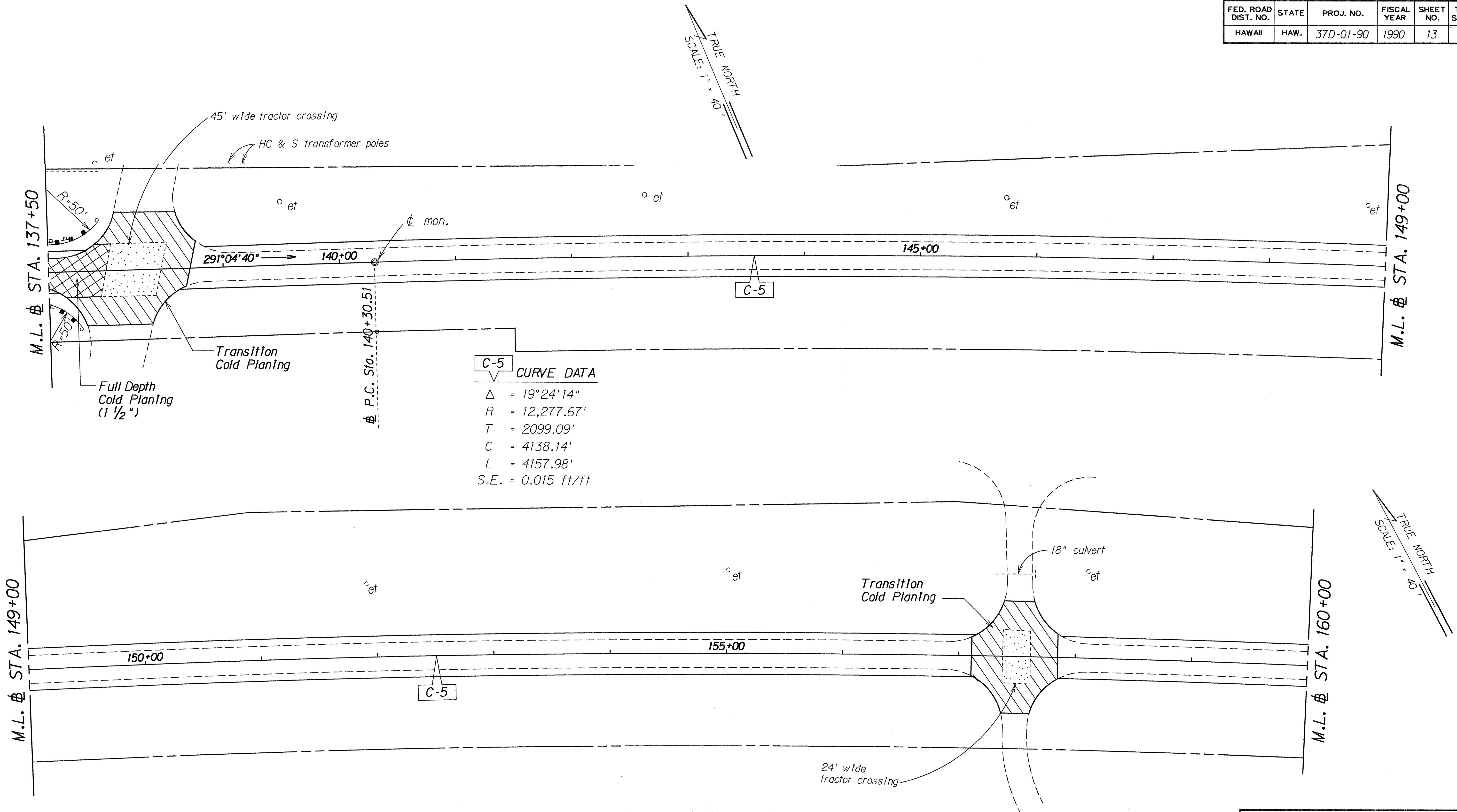
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Haliimaile Rd.
Proj. No. 37D-01-90

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	13	50



C-5 CURVE DATA
 $\Delta = 19^\circ 24' 14''$
 $R = 12,277.67'$
 $T = 2099.09'$
 $C = 4138.14'$
 $L = 4157.98'$
 $S.E. = 0.015 \text{ ft/ft}$

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

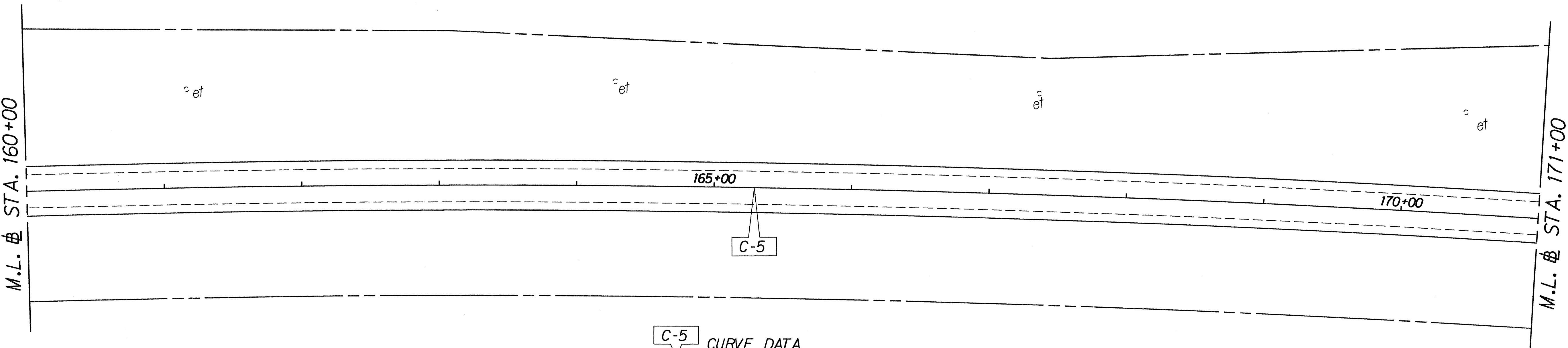
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Hallimale Rd.
Proj. No. 37D-01-90

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

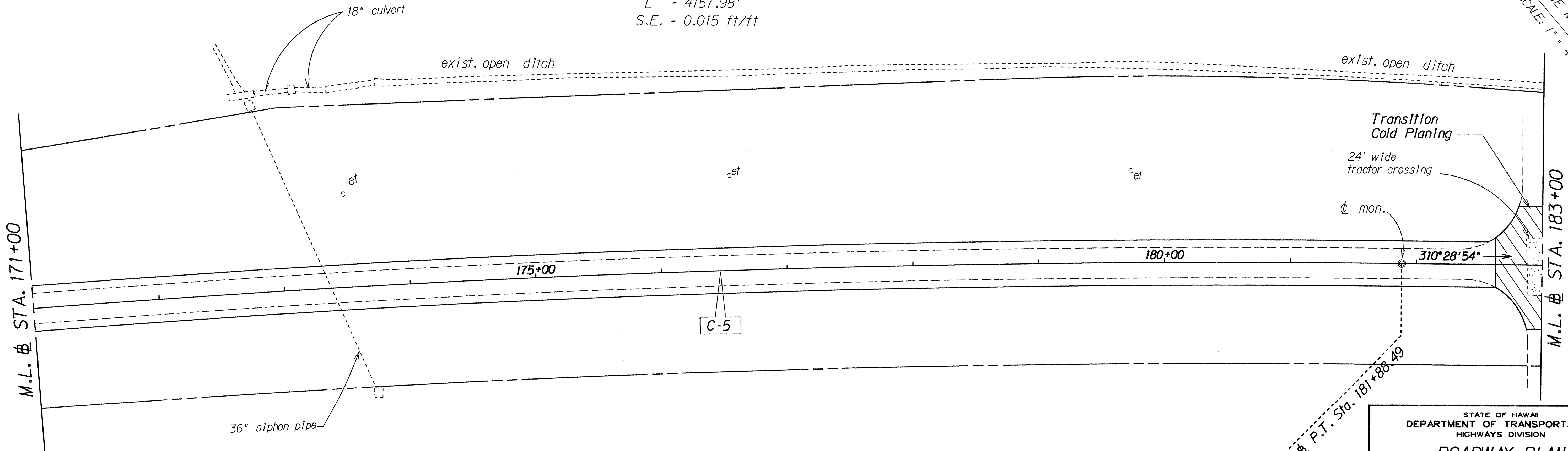
SHEET No. 9 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	14	50



TRUE NORTH
SCALE: 1" = 40'

C-5	CURVE DATA
Δ	= 19° 24' 14"
R	= 12,277.67'
T	= 2099.09'
C	= 4138.14'
L	= 4157.98'
S.E.	= 0.015 ft/ft



TRUE NORTH
SCALE: 1" = 40'

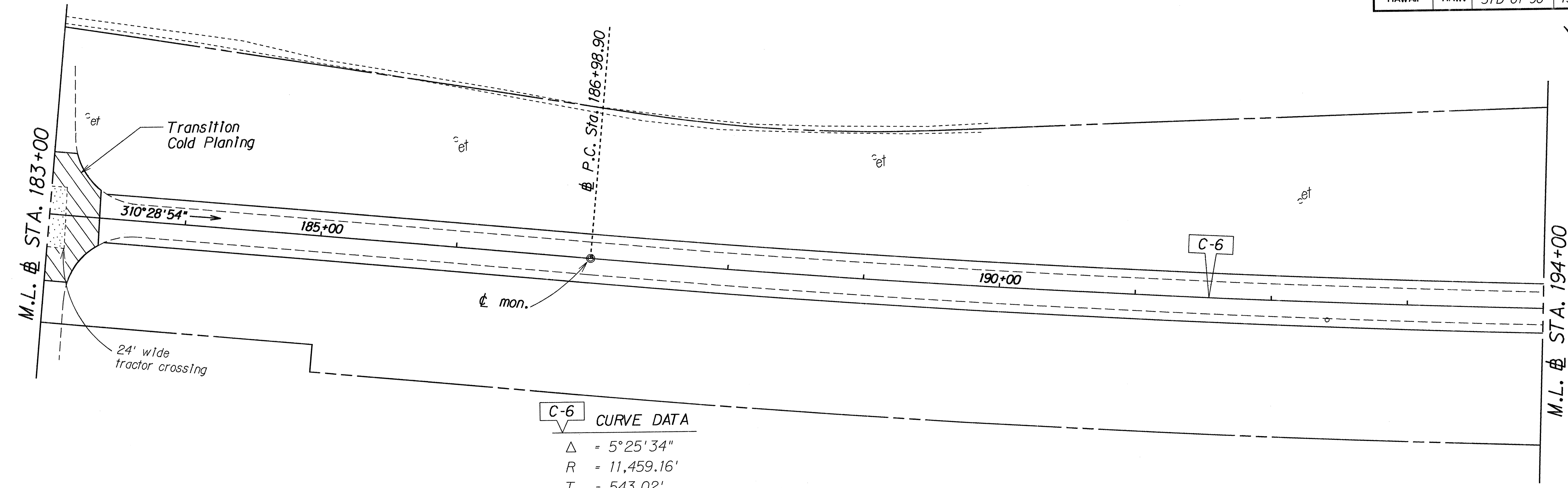
ORIGINAL	SURVEY PLANNED BY	DATE
PLAN	DRAWN BY	
NOTE BOOK	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

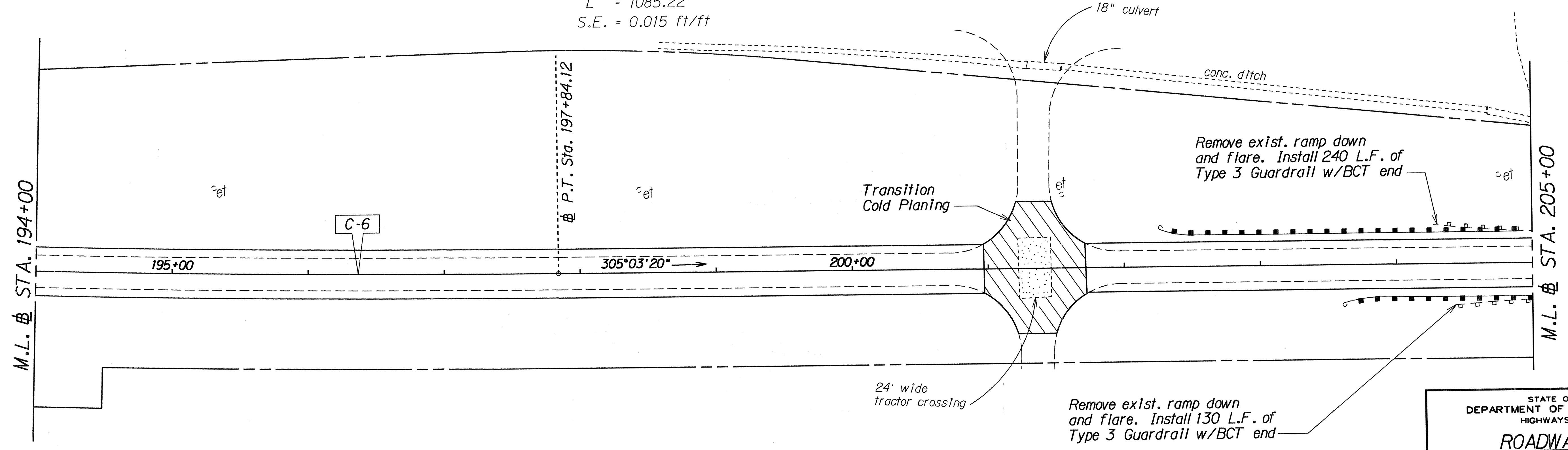
ROADWAY PLAN
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Haliimaile Rd.
Proj. No. 37D-01-90

Scale: 1" = 40'
Date: March, 1990
SHEET No. 10 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37D-01-90	1990	15	50



C-6	CURVE DATA
Δ	= 5°25'34"
R	= 11,459.16'
T	= 543.02'
C	= 1084.82'
L	= 1085.22'
S.E.	= 0.015 ft/ft



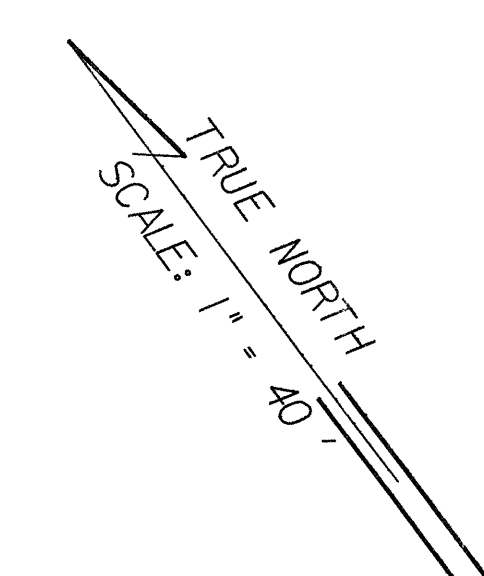
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN
HALEAKALA HIGHWAY
TRUCK CLIMBING LANE
Hana Hwy. To Halimalie Rd.
Proj. No. 37D-01-90

Scale: 1"=40'
Date: March, 1990
SHEET No. 11 OF 12 SHEETS

TRUE NORTH
MAGNETIC NORTH
SCALE: 1" = 40'

16