

TRAFFIC SIGNAL NOTES

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- Remove exist. 8' Signal Standard and exist. Pedestrian Signal Heads and Pushbutton Assemblies.
- Install new 10' Type I Signal Standard on exist. foundation w/new RYG Traffic Signal Assembly (Oneway, 12-inch, One Vertical w/ Slipfitter mounting).
- Install New Pedestrian Signal Assembly (Oneway w/cantilever mounting).
- Reinstall existing Pedestrian Pushbutton Assemblies and sign.

B Sta. 198+89±
Remove Concrete Base.
This work will not be paid
for separately, but shall
be considered incidental
to Item No. 401.0500 Asphalt
Concrete Pavement Mix No. V.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

KAMEHAMEHA HWY. RESURFACING
Center Drive to Halawa Stream
PROJECT NO. 99EF-01-87M

Scale: 1" = 40' Date: Sept., 1986

SHEET No. 1 OF 5 SHEETS

Mauka Frontage Road
 @ Sta. 8+70± to @ Sta. 9+38±
 Cold Plane 500± Sq. Yd. For
 Detail, See Plan Sheet No. 5

BEGIN PROJECT
PROJ. NO. 99EF-01-87M
B STA. 198+44.96

LIMIT OF CONSTRUCTION
Ramp KN @ Sta. 3+00

LIMIT OF CONSTRUCTION
Makai Frontage Road
Sta. 10+36

MAKAI

LIMIT OF CONSTRUCTION Sta. 9+38

Mauka Fr. Rd. FR

Mauka Frontage Road
Sta. 8+62± Lt., 0/s 6'±
Sta. 6+52± Lt., 9/s 18'±
Sta. 4+95± Lt., 9/s 20'±
 Modify Existing Steel Grates.
 For Details, See Plan Sheet
 No. 11

Makai Frontage Rd
to P.C. Sta. 6+39.08
to 0+53.62 =

Begin Ramp KN
to Sta. 0+00

Mauka Frontage Rd.,
to P.C. Sta. 6+19.08

(LIMIT OF
CONSTRUCTION

Begin Mauka Frontage Rd.
B Sta 3+06

M.1 B STA 204+00

South Frontage Rd.
Sta. 4+97± =
Kam Hwy. (F.A.R 9A)
Sta. 158+44.96

MIT OF CONSTRUCTION
CENTER DR.

Sta. 5+00 0/5 3' Lt.

Mauka Frontage Rd.
Box 3 P.O. Sta. 6+19.00

Begin Mauka Frontage Rd.
B Sta 3+06

South Frontage Rd.
Sta. 4+97± =
Kam Hwy. (F.A.R 9A)
Sta. 158+44.96

MIT OF CONSTRUCTION
CENTER DR.

Sta. 5+00 0/5 3' Lt.

Mauka Frontage Rd.
Box 3 P.O. Sta. 6+19.00

Begin Mauka Frontage Rd.
B Sta 3+06

M.1 B STA 204+00

South Frontage Rd.
Sta. 4+97± =
Kam Hwy. (F.A.R 9A)
Sta. 158+44.96

MIT OF CONSTRUCTION
CENTER DR.

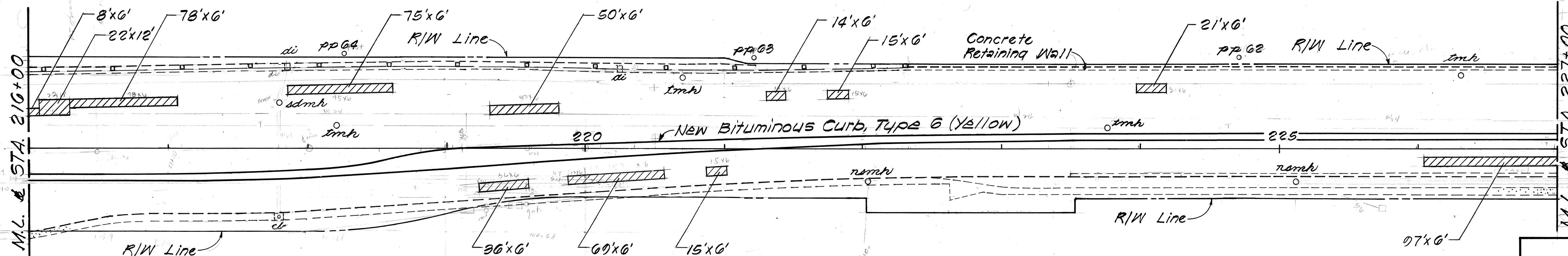
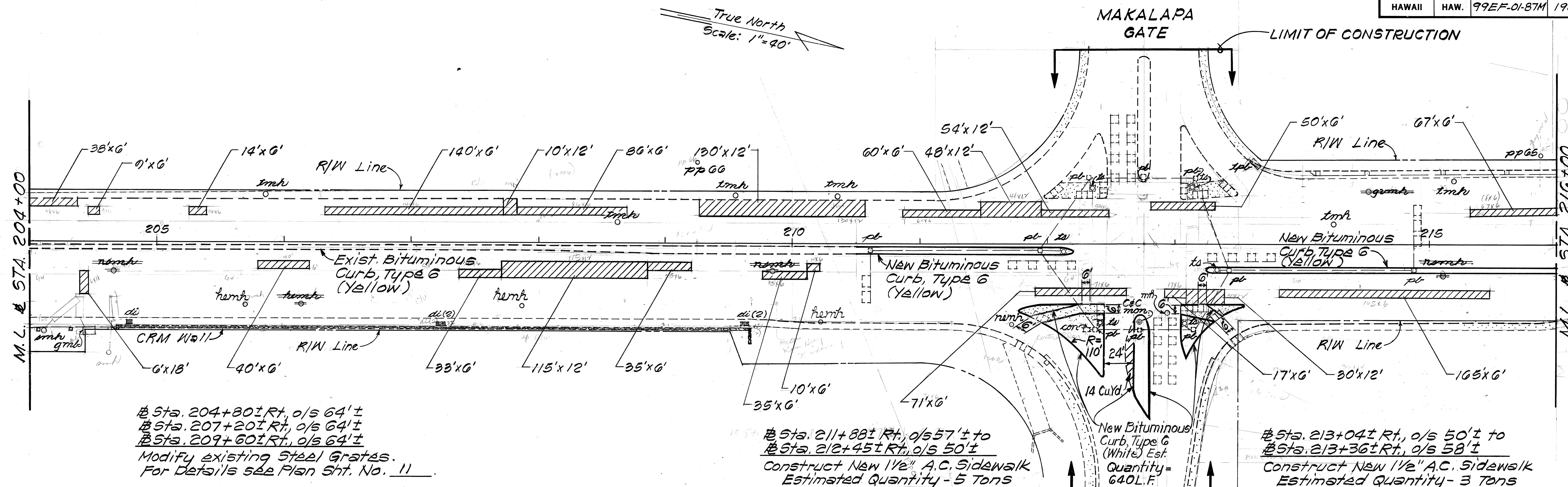
Sta. 5+00 0/5 3' Lt.

Mauka Frontage Rd.
Box 3 PC Sta. 6+19.00

Begin Mauka Frontage Rd.
B Sta 3+06

M.1 B STA 204+00

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99EF-01-87M	1987	8	18

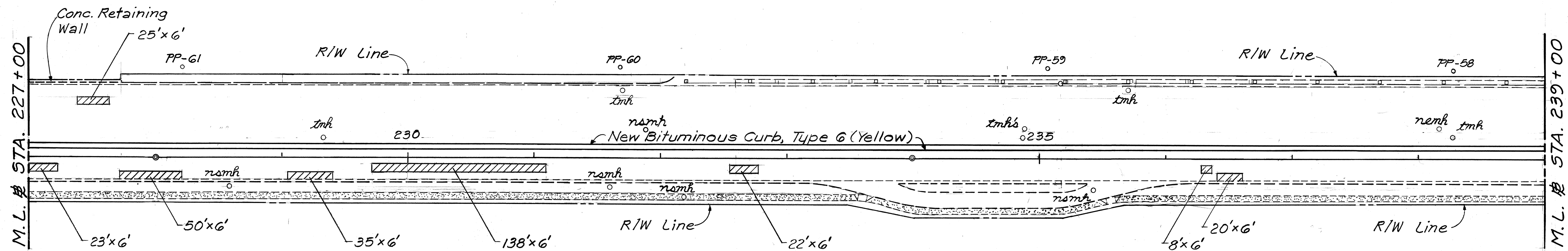


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

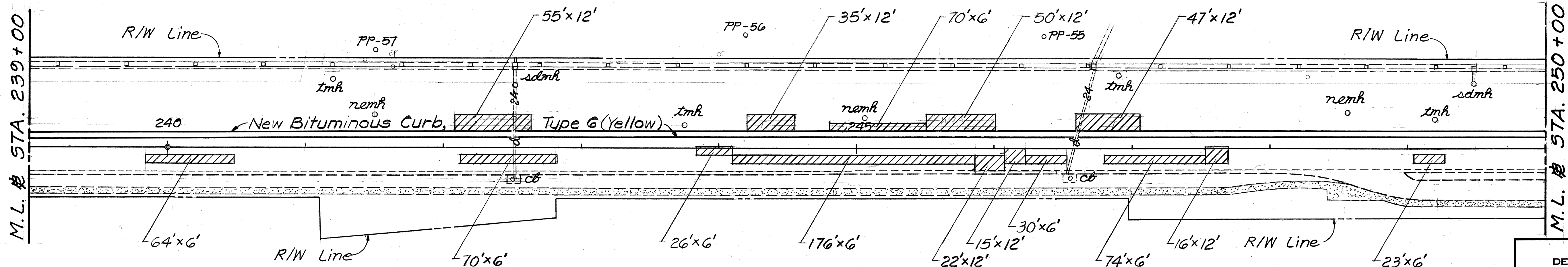
PLAN

KAMEHAMEHA HWY. RESURFACING
Center Drive to Halawa Stream
PROJECT NO. 99EF-01-87M
Scale: 1"=40' Date: Sep 7, 1986
SHEET No. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99EF-01-87M	1987	9	18



True North
Scale: 1" = 40'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

KAMEHAMEHA HWY. RESURFACING
Center Drive to Halawa Stream
PROJECT NO. 99EF-01-87M
Scale: 1" = 40' Date: Sept, 1986
SHEET NO. 3 OF 5 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
QUANTITIES BY	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99EF-01-87M	1987	10	18

True North
Scale: 1"=40'

END PROJECT
PROJ. NO. 99EF-01-87M
STA. 258+08

Sta. 257+58± to # Sta. 258+08±
Cold Plane 228± Sq. Yd.
For Detail see Plan Sht. No. 5

Install Vehicle Loop Detector (3 Loops). Abandon existing. This work will not be paid for separately, but shall be considered incidental to Item No. 623.0100 Traffic Signal System.

Sta. 256+03± Rt. o/s 93'± to # Sta. 256+90± Rt. o/s 100'±
Construct New 1½" A.C. Sidewalk.
Est. Quantity = 7 Tons

Sta. 257+41± Rt. o/s 70'± to # Sta. 257+91± Rt. o/s 74'±
Cold Plane 204± Sq. Yd.
For Detail see Plan Sht. No. 5

Sta. 256+60± Rt. o/s 145'± to # Sta. 257+94± Rt. o/s 104'±
Demolish and remove exist. conc. curb & gutter. This work will not be paid for separately but shall be considered incidental to Item No. 609.2720 Curb and Gutter Type 2DG. Construct 130± Lin. Ft. New Curb and Gutter, Type 2DG.

Sta. 256+48± Rt. o/s 128'± to # Sta. 256+90± Rt. o/s 100'±
Demolish and Remove existing Concrete Curb and Gutter. This work will not be paid for separately but shall be considered incidental to Item No. 651.0100 Excavation for Reconstruction at Weakened Areas.

Demolish and remove exist. conc. sidewalk. The area (cross hatched) exposed by the removal of the conc. sidewalk shall be graded, backfilled and reshaped to match the surrounding area to the satisfaction of the Engineer. This work will not be paid for separately but shall be considered incidental to Item No. 608.1100 Reinforced Concrete Sidewalk. Construct 60± Sq. Yd. New Reinforced Conc. Sidewalk.

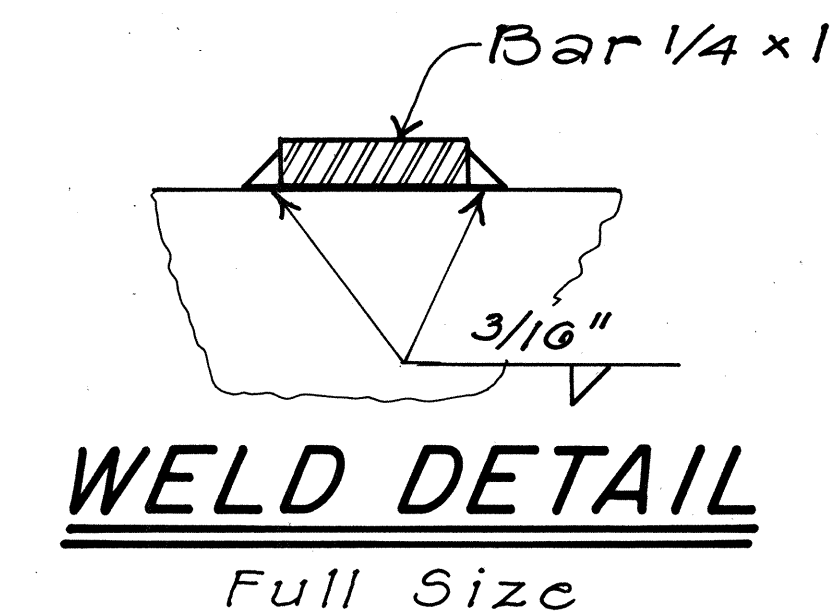
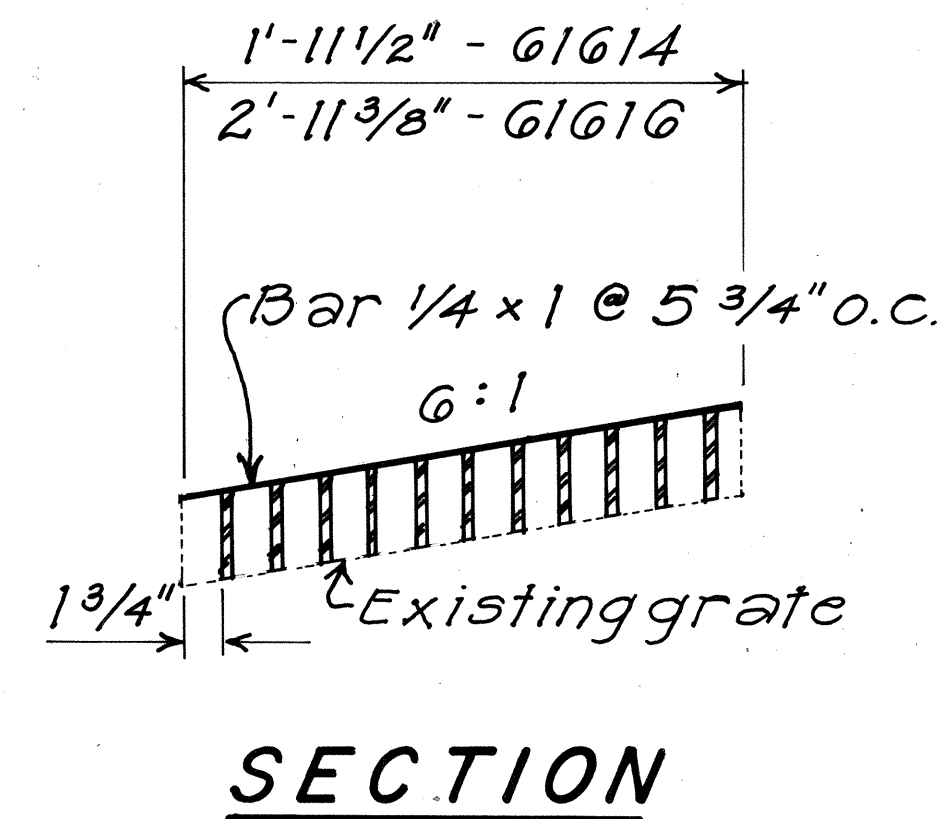
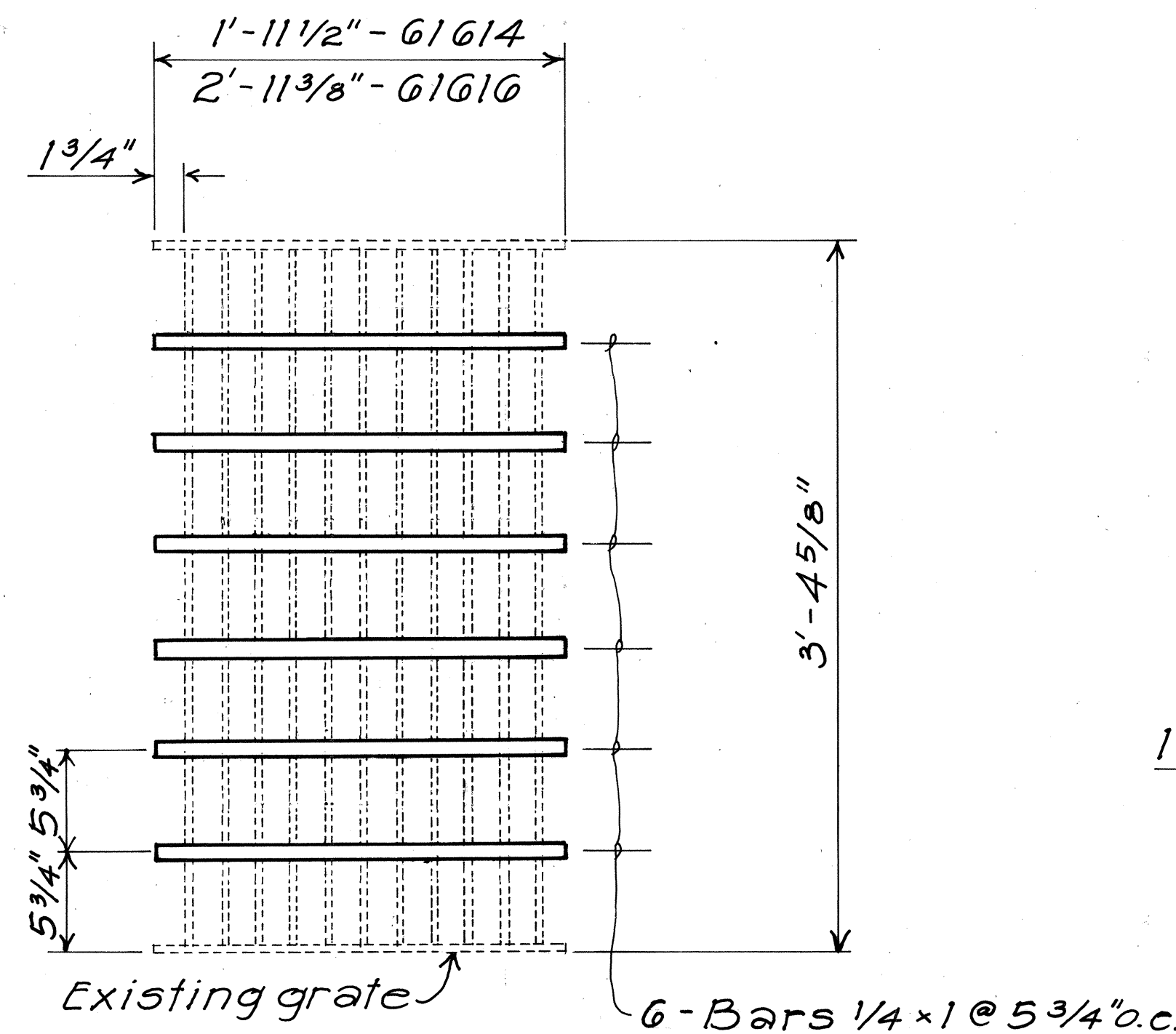
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

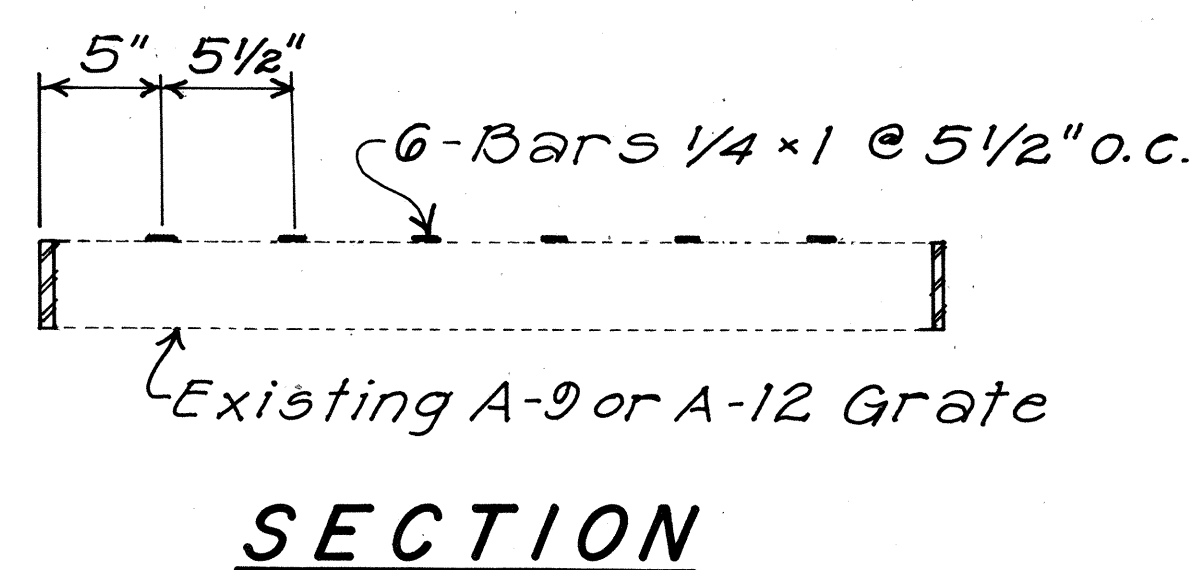
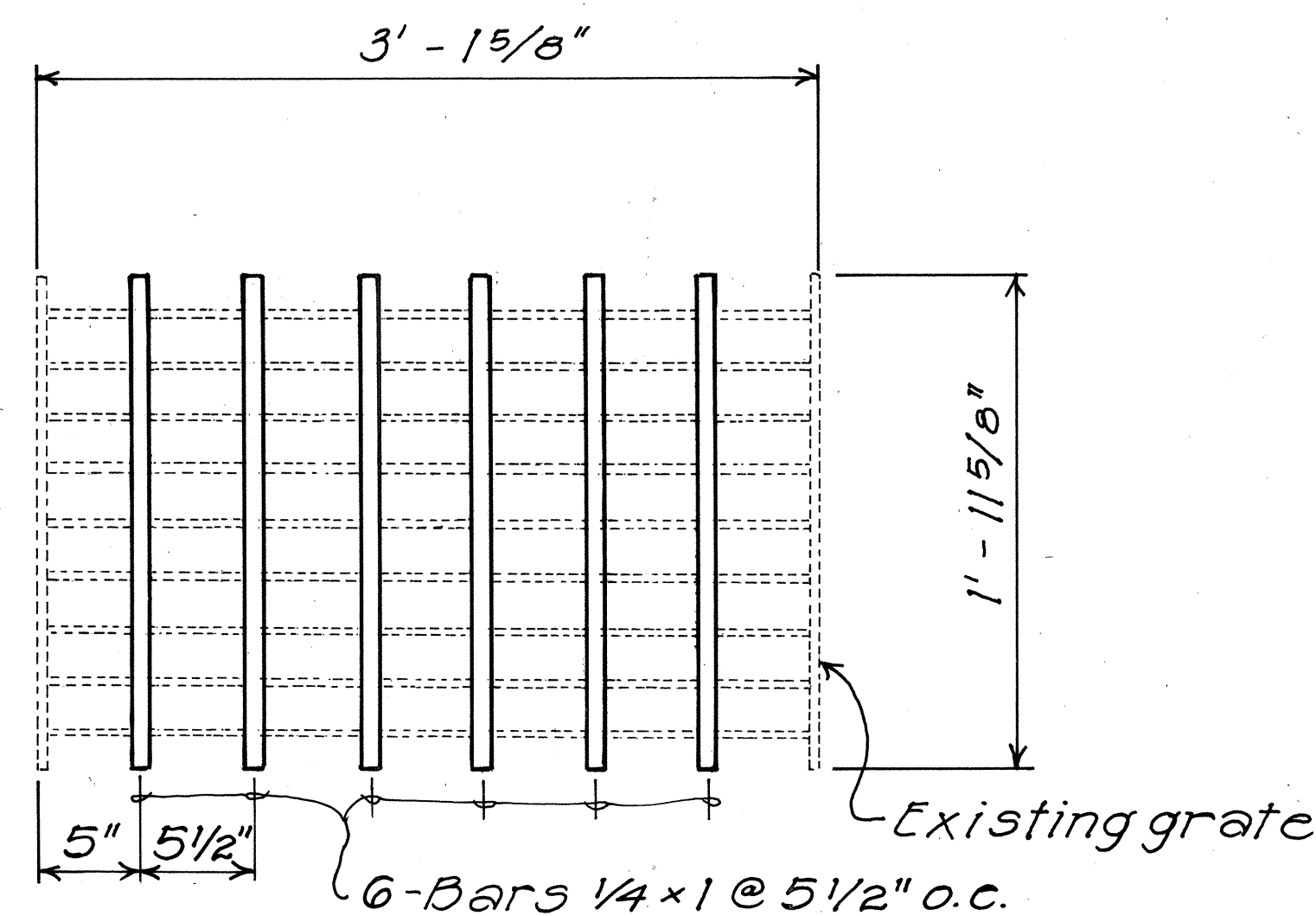
KAMEHAMEHA HWY. RESURFACING
Center Drive to Halawa Stream
PROJECT NO. 99EF-01-87M
Scale: 1"=40' Date: Sept, 1986
SHEET No. 4 OF 5 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99EF-01-87M	1987	11	18



PLAN
MODIFICATION TO EXISTING 61614 OR 61616 STEEL GRATE
 Scale: 1 1/2" = 1'-0"



PLAN
MODIFICATION TO EXISTING TYPE A-9 OR A-12 GRATE
 Scale: 1 1/2" = 1'-0"

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**MODIFICATION
 TO EXISTING GRATE**
 KAMEHAMEHA HWY. RESURFACING
 Center Drive to Halawa Stream
 PROJECT NO. 99EF-01-87M
 Scale: As Shown Date: Nov., 1986
 SHEET NO. 5 OF 5 SHEETS

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