

GENERAL NOTES

- Included within the scope of this project is the resurfacing of the pavement area from Sta. 7+00 to Sta. 41+00 and the construction of a truck climbing lane from Sta. 18+00 to Sta. 41+00.
- Leveling of the existing pavement surface and exposing the edges of the existing pavement, where necessary, shall be the responsibility of the Contractor.
- "Brooming-off" shall be considered incidental to the item, "Asphalt Concrete Pavement Mix No. 1".
- In general, existing paved sections adjacent to the edges of pavement including approach roads, driveways, bus stops and other previously paved areas requiring reconstruction or resurfacing, shall be repaved.
- Relocation of all existing utilities shall be done by others except for water utility. See Plan Sht. No. 5.
- The Contractor shall furnish and install raised pavement markers in accordance with the special provisions and as shown in the plans along the entire length of project.
- Stakeouts for the placement of raised pavement markers shall be done by the Highways Division.
- The lateral and vertical clearance for the relocated signs shall conform to the dimensions shown in the Standard Details for Signs. When required, the Contractor shall lengthen existing posts to conform. The work involved in lengthening the posts, including the furnishing of all labor, materials, tools and equipment shall be considered incidental to "Reset Regulatory and Warning Signs."
- All existing signs not incorporated in the system shall be removed and stockpiled as directed by the Engineer.
- The Contractor shall keep at least one lane open to traffic during working hours and both lanes open to traffic during non-working hours.
- The exact location of the Drainage Swale and Realigned Irrigation Ditch to be located in the field.
- Cut-stones from existing C.R.M. gutter may be salvaged and re-used.

TRUCK LANE 300 FEET

Sta. 10+35 Lt.
Construct 12' wide Parking Apron for Bus Stop. For details see Sheet No. 2.
Est. Quant. 29 C.Y.
Exc. 136 S.Y.
B.C. Area 134 S.Y.
A.C. Area

Sta. 2+00 Rt.
Install Construction I.D. Sign
For detail see Sheet No. 23

Sta. 16+85
Demolish existing C.D.I. & plug existing 24" Conc. Culvert Pipe. (Incidental to "Roadway Exc.")

Benchmark
Sta. 17+00 (15' Right) "+" on existing Conc. Drop Intake.
Elev. = 44.51'

Install metal guard rail w/posts
Sta. 17+80 to 26+20 Lt. 840 L.F.
27+75 to 28+45 Lt. 70 L.F.
For details see Sheet No. 10 to 15

Sta. 27+87
Demolish existing C.D.I. & plug existing 24" Conc. Culvert Pipe. (Incidental to "Roadway Exc.")

SUMMARY OF RESURFACING AT E/P NOT SHOWN IN PLAN.

STA.	DESCRIPTION	A.C. AREA
2+00 Lt.	Approach	444 S.Y.
0+85 to 5+25 Rt.	Business Frontage	870 S.Y.
7+25 to 8+00 Rt.	"	165 S.Y.
8+20 Rt.	Approach	235 S.Y.

Construct Concrete Lined Gutters as shown.
Sta. 9+20 to 13+30 Rt.
Sta. 13+60 to 16+25 Rt.
Sta. 16+95 to 34+00 Rt.
Est. Quant. 100.1 C.Y.
Class "B-1" Conc.
For details see Sheet No. 6

Sta. 18+00 to 37+50 Rt.
Plant Wedelia (Wedelia biflora) on cut slope. For details see Sheet No. 2.
Est. Quant. 33,838 S.F.

Install Type "E" Flare.
For Details See Sht. No. 15.

Install Type "B" Flare.
For Details See Sht. No. 14.

Curve Data
 $\Delta = 72^\circ 53'$
 $\Delta/2 = 36^\circ 26' 30''$
 $R = 400.00'$
 $T = 295.35'$
 $C = 415.20'$
 $Lc = 508.82'$

Curve Data
 $\Delta = 98^\circ 19' 30''$
 $\Delta/2 = 49^\circ 09' 45''$
 $R = 575.00'$
 $T = 665.26'$
 $C = 870.05'$
 $Lc = 986.76'$

Construct A.C. Paved Shoulder
Sta. 9+08 to 13+30 Rt.
Sta. 13+50 to 16+55 Rt.
Sta. 16+80 to 36+00 Rt.
Sta. 17+70 to 32+50 Lt.
Sta. 35+10 to 41+00 Lt.
Sta. 37+50 to 41+00 Rt.
For details see Sheet No. 2

Sta. 16+55 Rt.
Install 24" 14 Gage C.G.M.P. 66 L.F., 1-C.D.I., 1-C.R.M. H.W.
Est. Quant. 70 C.Y.
Struct. Exc. 172 C.Y.
Class "A-1" Conc. 4.8 C.Y.
C.R.M.
For details see Sheet No. 22

Sta. 16+55 Rt.
Resurface 12' wide Side Road Approach as shown.
Est. Quant. 94 S.Y.
A.C. Area

Sta. 13+20 Rt.
Reconstruct 10' wide Side Road Approach with Type "G" Conc. Gutter. For details and estimated quantities see Sheet No. 6

13. Baseline of project is computed and not necessarily the centerline of existing road.

14. All azimuths are referred to Δ KALEPA.

15. All elevations are referred to Mean Sea Level Datum.

16. Existing manhole and handhole frames and covers in the pavement area, not shown in the plans, shall not be raised. Scarify the surrounding area if necessary, and match-in new A.C. Pavement as directed by the Engineer.

17. Trimming and dressing of shoulders after laying of A.C. Pavement shall be done as directed by the Engineer. (Incidental to Roadway Excavation.)

SPEED LIMIT 50

SPEED ZONE AHEAD

SPEED LIMIT 25

TRUCKS USE RIGHT LANE

NOTE:
BEG. OF PROJ. NO. 50E-04-68
STA. 0+00 (PROJ. NO. E-12 A)

BEG. OF PROJ. NO. 50E-05-09
BEG. TRUCK CLIMBING LANE
STA. 18+00 (PROJ. NO. E-12 A)

Profile of existing road at 6

Inlet Inv. = 76.4 ±
Outlet Inv. = 74.1 ±

Sta. 23+50
Extend existing 24" Conc. Culvert Pipe at both ends.

Exist'g 24" Conc. Pipe Culvert Inv. = 38.16

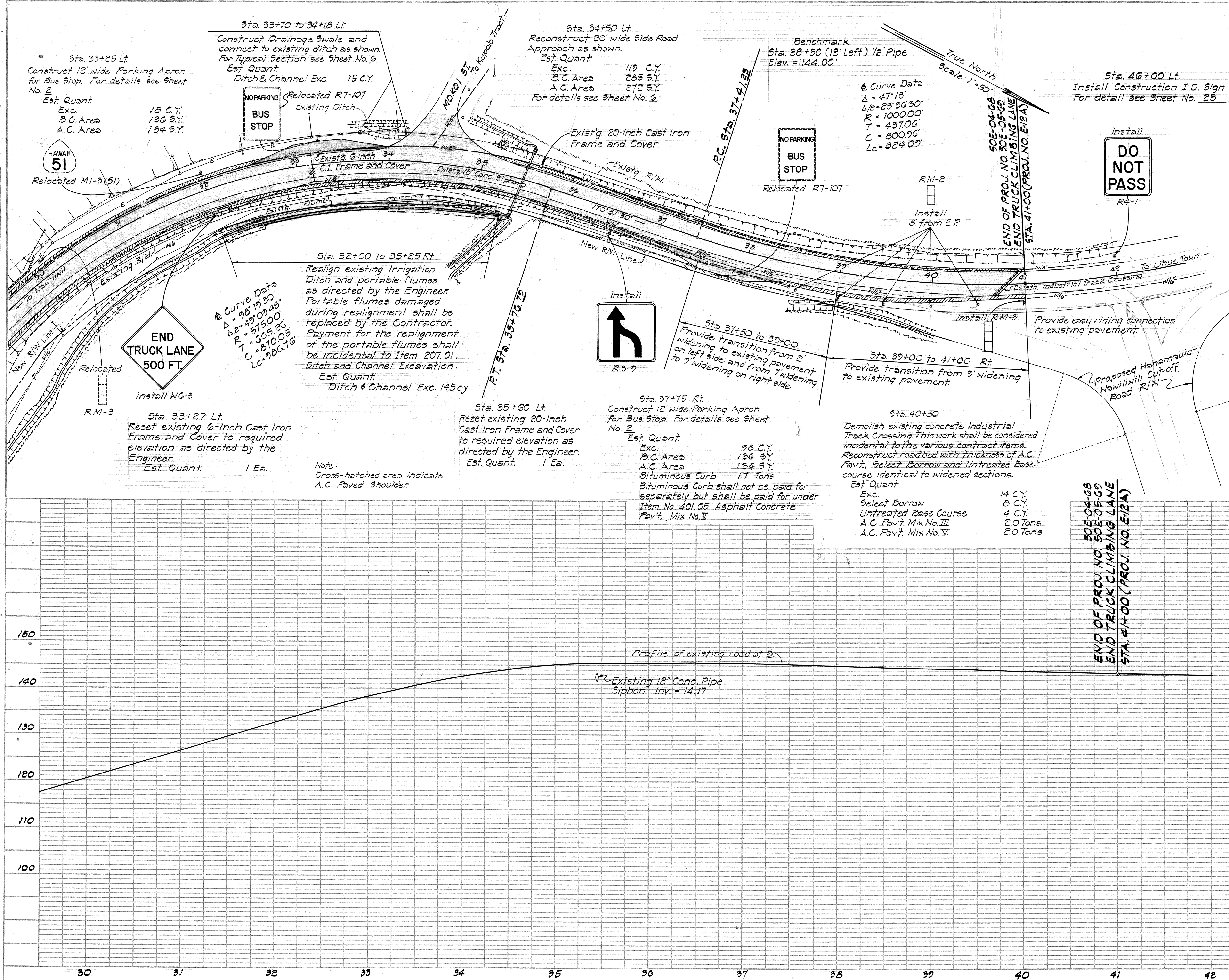
Profile of existing road at 6

Exist'g 24" Conc. Pipe Culvert Inv. = 101.82

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	50E-04-68 50E-05-69	1969	4	27

PLAN	DATE	BY	REVISION
SURVEYED			
PLOTTED			
NOTED			
NO.			

PROFILE	DATE	BY	REVISION
SURVEYED			
PLOTTED			
NOTED			
NO.			



SUMMARY OF RAISED PAVEMENT MARKERS				
STA.	MARKERS	QUANTITY		
		TYPE A	TYPE D	TYPE G
7+00 to 41+40	No Pass		14	1
19+72.5 to 39+07.5	Centerline			44

Refer to Plan Sheet Nos. 16 and 17 for Pavement Marker Details.

TYPE	DESCRIPTION	W/POST	RESET W/POST
R2-1 (25)	SPEED LIMIT 25	1	
R2-1 (50)	SPEED LIMIT 50		1
R2-5	SPEED ZONE AHEAD	1	
R3-9		1	
R4-1	DO NOT PASS	1	
R4-5	TRUCKS USE RIGHT LANE	1	
R4-6	TRUCK LANE 300 FEET	1	
R7-107	NO PARKING BUS STOP		3
WG-3	END TRUCK LANE 500 FEET	1	
M1-3 (51)	ROUTE MARKER		1
	Litter Sign		1
① R7-107 signs to be relocated at Sta. 10+35 Lt., 33+25 Lt., and 37+75 Rt. ② Litter sign to be relocated Rt. of Sta. 11+00.			
RM-2	Reflector Marker	5	
RM-3	Reflector Marker	1	1