

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-030-1(17)	1983	2	22

LEGEND

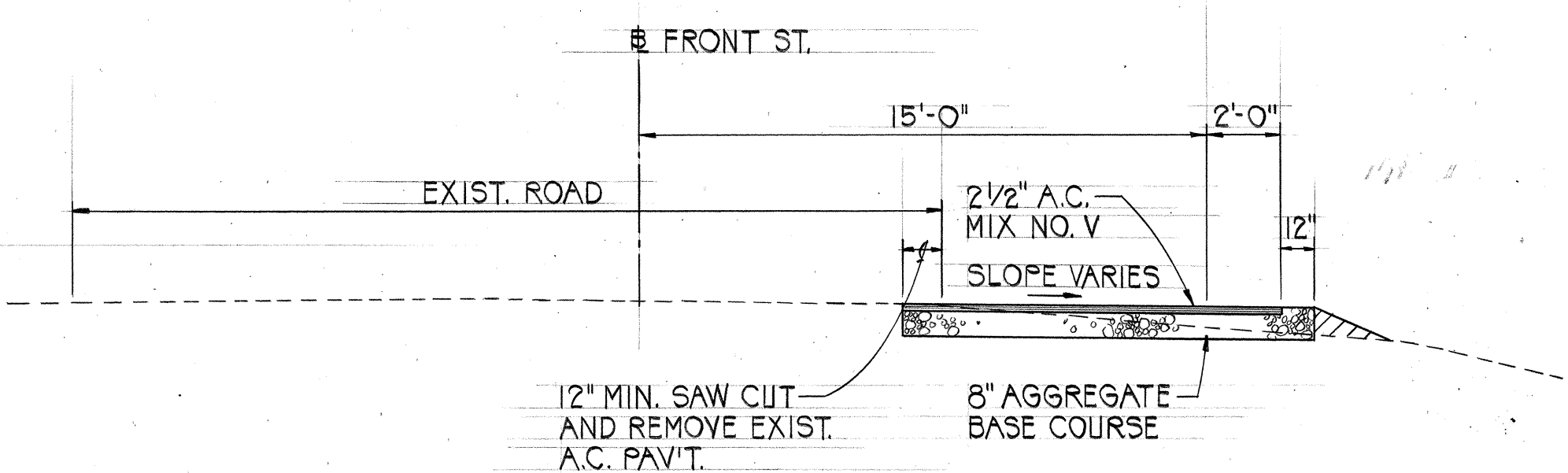
- 12" RYG STANDARD TRAFFIC SIGNAL HEAD
→ 8" YELLOW TRAFFIC SIGNAL HEAD
→ STANDARD TRAFFIC AND PEDESTRIAN SIGNAL HEADS MOUNTED ON TYPE I SIGNAL STANDARD, HEIGHT = 10'
→ 15' → TRAFFIC SIGNAL HEADS MOUNTED ON TYPE II SIGNAL STANDARD, ARM SPREAD SHOWN 18'
☒ TYPE "A" PULLBOX
■ TYPE "B" PULLBOX
■ M TYPE "B" PULLBOX WITH MODIFIED COVER
□ LOOP DETECTOR, SERIES-PARALLEL CONNECTED
□ LOOP DETECTOR, SERIES CONNECTED
○ LP LIGHT POLE
○ UP UTILITY POLE
○ PP POWER POLE
○ PP POWER POLE WITH ANCHOR AND GUY CABLE
○ TS NEW TRAFFIC SIGNAL STANDARD
○ SMH EXISTING SEWER MANHOLE
○ WV EXISTING WATER VALVE
— W16 EXISTING UTILITY LINES AND SIZES AS INDICATED
W = WATER
S = SEWER
D = DRAIN
— NEW STRIPING
— EXISTING MARKINGS
***** EXISTING STRIPING TO BE REMOVED
||||| NEW CROSSWALK MARKINGS
↘ NEW PAVEMENT ARROW
→ EXISTING PAVEMENT ARROW
↘ EXISTING PAVEMENT ARROW TO BE REMOVED
/// NEW A.C. PAVEMENT

CONSTRUCTION NOTES

1. LOCATIONS OF EXISTING UNDERGROUND STRUCTURES AND UTILITIES SUCH AS PIPELINES, CONDUITS, CABLES, ETC., SHOWN ON PLANS ARE APPROXIMATE ONLY. IT IS NOT THE INTENT OF THESE PLANS TO SHOW THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES WITH THE RESPECTIVE OWNERS. EXISTING UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN COST.
2. THE LOCATIONS OF THE TRAFFIC SIGNAL STANDARDS, TRAFFIC SIGNAL STANDARDS WITH MAST-ARM, PEDESTRIAN PUSH BUTTONS, TRAFFIC CONTROLLER, PULLBOXES, CONDUITS AND LOOP DETECTORS SHALL BE STAKED OUT IN THE FIELD BY THE CONTRACTOR AND APPROVAL OF THE LOCATIONS SHALL BE OBTAINED FROM THE ENGINEER PRIOR TO CONSTRUCTION AND INSTALLATION.
3. ALL TRAFFIC SIGNAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", FEDERAL HIGHWAY ADMINISTRATION (1978) AND AMENDMENTS.
4. LOCATIONS OF PAVEMENT MARKERS AND MARKINGS (LANE LINES, STOP LINES, CROSSWALK, ETC.) SHOWN ON THE PLANS SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE INSTALLATION OF THE TRAFFIC SIGNAL SYSTEM.
5. REMOVAL OF PAVEMENT STRIPING SHALL BE DONE BY THE CONTRACTOR. COST SHALL BE INCIDENTAL TO OTHER ITEMS OF WORK.
6. MAINTENANCE OF TRAFFIC THROUGH THE CONSTRUCTION AREA SHALL BE IN ACCORDANCE WITH PART VI OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", FEDERAL HIGHWAY ADMINISTRATION (1978) AND AS SPECIFIED IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ADEQUATE BARRICADES, BLINKERS, CONSTRUCTION SIGNS, ETC. FOR THE SAFETY OF THE MOTORING PUBLIC.
7. REMOVAL OF EXISTING SIGNS SHALL ALSO INCLUDE THE REMOVAL OF POSTS AND FOUNDATIONS UNLESS OTHERWISE NOTED. ALL SIGN MATERIALS REMOVED BY THE CONTRACTOR SHALL BE DELIVERED TO THE STATE HIGHWAYS MAINTENANCE BASEYARD AT 650 PALAPALA DRIVE, KAHULUI, MAUI. COSTS FOR REMOVAL OF SIGNS AND DELIVERY TO THE STATE HIGHWAYS MAINTENANCE BASEYARD SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK.

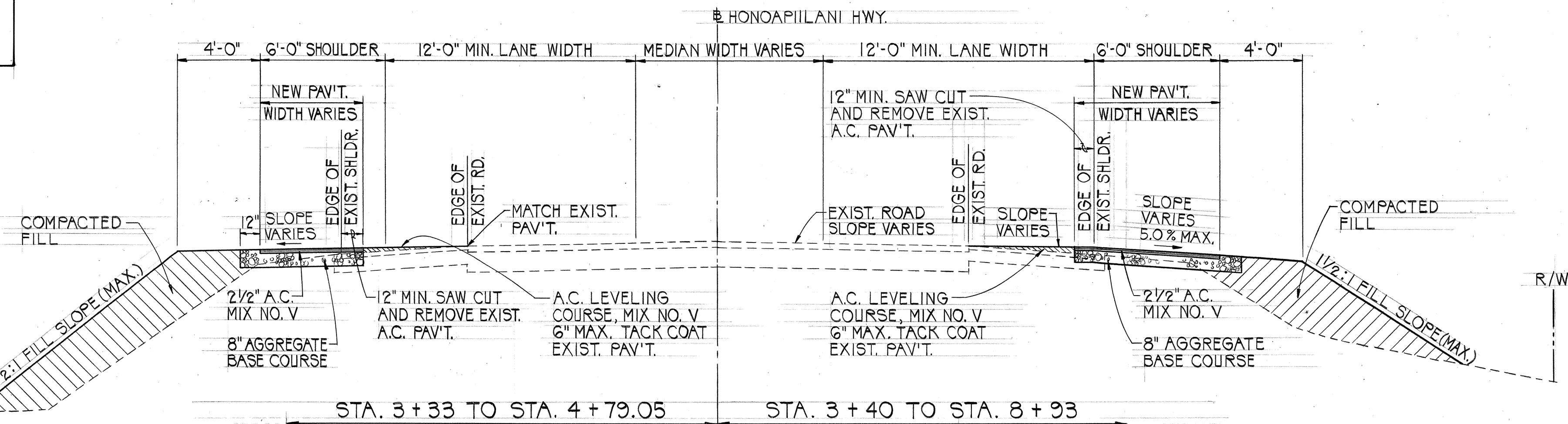
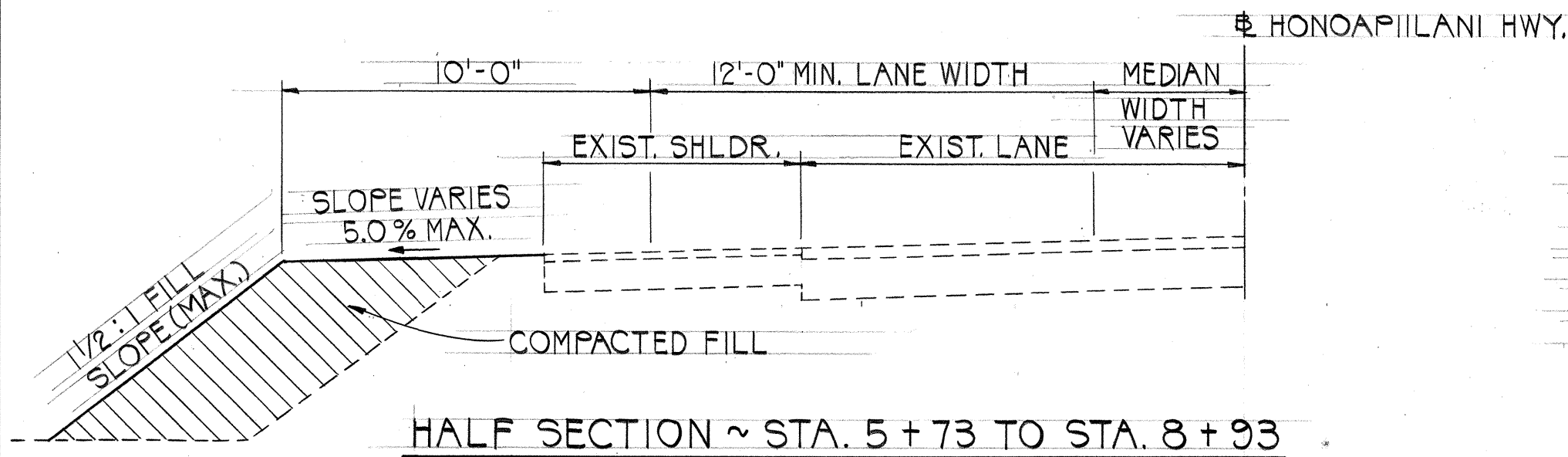
NOTE:

PROVIDE SMOOTH RIDING CONNECTIONS FOR NEW A.C. PAVEMENT SECTIONS AND A.C. LEVELING COURSE.



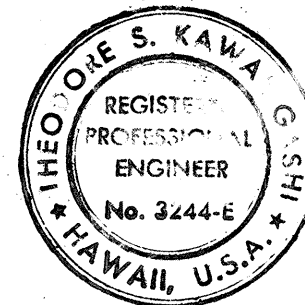
TYPICAL SECTION ~ FRONT STREET

SCALE: 1/4" = 1'-0"



TYPICAL SECTION ~ HONOAPIILANI HIGHWAY

SCALE: 1/4" = 1'-0"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Theodore S. Kawa
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
LEGEND, NOTES AND
TYPICAL ROADWAY SECTIONS
HONOAPIILANI HIGHWAY
TRAFFIC SIGNALS AT
FLEMING ROAD
FED. AID PROJECT NO. HES-030-1(17)
SCALE: AS SHOWN DATE: 12-23-82
SHEET NO. 1 OF 1 SHEETS

ORIGINAL PLAN	DATE
NO. 1	
DESIGNED BY	
CHECKED BY	