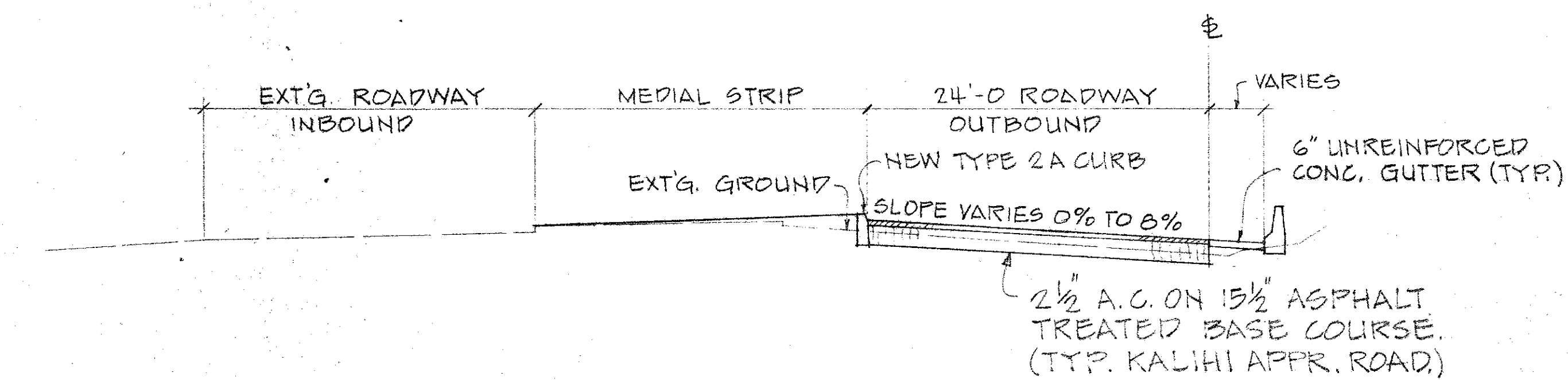


NOTES FOR CONSTRUCTION WITHIN STATE RIGHT-OF-WAY:

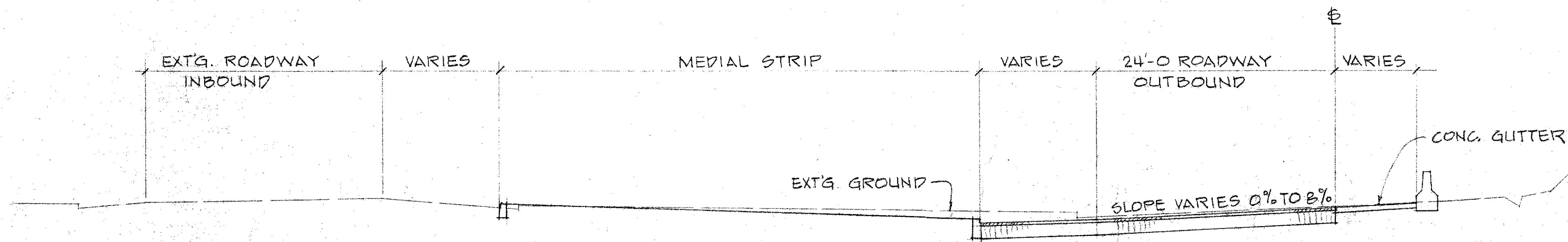
- 1. THE CONTRACTOR SHALL OBTAIN A CONSTRUCTION PERMIT FROM THE STATE HIGHWAY'S OAHU DISTRICT ENGINEER AT 727 KAKOI STREET PRIOR TO THE COMMENCEMENT OF WORK WITHIN THE STATE HIGHWAY RIGHT-OF-WAY.
- 2. CONSTRUCTION AND RESTORATION OF ALL EXISTING HIGHWAY FACILITIES WITHIN STATE RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 1976, AND THE SPECIFICATION FOR INSTALLATION OF MISCELLANEOUS IMPROVEMENTS WITHIN STATE HIGHWAYS DATED APRIL 1974, OF THE STATE HIGHWAYS DIVISION.
- 3. THE CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN ALL NECESSARY SIGNS, LIGHTS, FLARES, BARRICADES, MARKERS, CONES, AND OTHER PROTECTIVE FACILITIES AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION AND FOR THE CONVENIENCE AND SAFETY OF PUBLIC TRAFFIC. ALL SUCH PROTECTIVE FACILITIES AND PRECAUTIONS TO BE TAKEN SHALL CONFORM WITH THE "RULES AND REGULATIONS GOVERNING THE USE OF TRAFFIC CONTROL DEVICES AT WORK SITES ON OR ADJACENT TO PUBLIC STREETS AND HIGHWAYS" ADOPTED BY THE HIGHWAY SAFETY COORDINATOR, AND THE U.S. FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, PART VI - TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS", DATED 1971.
- 4. THE MINIMUM PAVEMENT STRUCTURE SHALL CONSIST OF 2 1/2" ASPHALT CONCRETE MIX V ON 6 1/2" ASPHALT TREATED BASE COURSE MIX III (KANEHE APPROACH ROAD) AND 2 1/2" ASPHALT CONCRETE MIX V ON 15 1/2" ASPHALT TREATED BASE COURSE MIX III. (KALIHI APPROACH ROAD).
- 5. NO MATERIAL AND/OR EQUIPMENT SHALL BE STOCKPILED OR OTHERWISE STORED WITHIN HIGHWAY RIGHTS-OF-WAY EXCEPT AT LOCATIONS DESIGNATED IN WRITING AND APPROVED BY THE PROJECT ENGINEER.
- 6. COMPACTION TESTS SHALL BE TAKEN IN ACCORDANCE WITH THE SPECIFICATIONS FOR INSTALLATION OF MISCELLANEOUS IMPROVEMENTS WITHIN STATE HIGHWAYS DATED APRIL 1, 1974.

GENERAL NOTE:

THIS IMPROVEMENT PROJECT CONSISTS OF ADJUSTMENT OF THE GRADING, DRAINAGE SYSTEM AND PAVEMENT SUPER-ELEVATION, IMPROVING SKID RESISTANCE, CONSTRUCTION OF TEMPORARY DETOURS, GUARD RAILS, GRASS PLANTING, OVERHEIGHT WARNING SYSTEM, TRAFFIC SIGNS, REPLACING TUNNEL DRAIN GRATES AND RELOCATING LIGHT POLES.



SECTION (D) 3 SC: 1/8" = 1'-0 KALIHI APPROACH ROAD



SECTION (E) 3 SC: 1/8" = 1'-0

GRADING NOTES:

- 1. ALL GRADING WORK SHALL CONFORM TO CHAPTER 23, REVISED ORDINANCES OF HONOLULU 1969, AS AMENDED. (ORDINANCE NO. 3968, 4294, 4538)
- 2. THE CONTRACTOR SHALL REMOVE ALL SILT AND DEBRIS RESULTING FROM HIS WORK AND DEPOSITED IN DRAINAGE FACILITIES, ROADWAYS AND OTHER AREAS. THE COSTS INCURRED FOR ANY NECESSARY REMEDIAL ACTION BY THE CHIEF ENGINEER SHALL BE PAYABLE BY THE CONTRACTOR.
- 3. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AREA AND SURROUNDING AREA FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION CONTROL STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH.
- 4. ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS CONTAINED IN THE PUBLIC HEALTH REGULATIONS, STATE DEPARTMENT OF HEALTH, ON WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS.
- 5. ALL SLOPES AND EXPOSED AREAS SHALL BE SODDED OR PLANTED IMMEDIATELY AFTER THE GRADING WORK HAS BEEN COMPLETED.
- 6. FILLS ON SLOPES STEEPER THAN 5:1 SHALL BE KEYED.
- 7. NO GRADING WORK SHALL BE DONE ON SATURDAYS, SUNDAYS AND HOLIDAYS AT ANY TIME WITHOUT PRIOR NOTICE TO THE CHIEF ENGINEER.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMANCE TO CHAPTER 37 AND 37a OF PUBLIC HEALTH REGULATIONS, DEPARTMENT OF HEALTH, STATE OF HAWAII.
- 9. THE CONTRACTOR SHALL FLAG THE LIMITS OF THE AREA TO BE GRADED.

CONSTRUCTION NOTES:

- 1. ALL CONSTRUCTION WORK SHALL CONFORM TO THE STANDARD DETAILS AUG. 1976 AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION MAY 1975, OF THE DEPARTMENT OF PUBLIC WORKS, CITY AND COUNTY OF HONOLULU.
- 2. THE BENCH MARKS FOR THIS PROJECT ARE AS SHOWN ON THE PLANS.
- 3. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS ARE FROM THE BEST INFORMATION AND ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS PRIOR TO EXCAVATING. THE CONTRACTOR SHALL NOT ASSUME THAT WHERE NO EXISTING UTILITIES ARE SHOWN, THAT NONE EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PROTECTION OF ALL UTILITIES. ANY DAMAGES RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE FULLY HIS RESPONSIBILITY.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-063-1(12)	1980	3	44

PROJECT NO. HES-063-1(12)

NO.	DATE	DESCRIPTION	ENGR.	DEPT. OR DIV.
REVISIONS				
APPR'D				
DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU				
DIVISION OF ENGINEERING				
WILSON TUNNEL SAFETY IMPROVEMENTS				
CONSTRUCTION NOTES & ROADWAY SECTIONS				
ENGINEER	J. W. de	DATE	9/25/80	
DRAFTSMAN	A. K.	CHECKED BY	D. T.	
APPROVED: <i>William J. H. King</i> 10/22/80 CHIEF, DIVISION OF ENGINEERING				

JOB NO. 28-80