

GENERAL NOTES:

1. The scope of work for this project includes the removal and replacement of bridge deck expansion joints and spall repairs at eight bridges at various locations on Kauai.
2. The contractor is reminded of the requirements of Subsection 105.16 - Subcontracts.
3. The contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104.11 - Utilities and Services; and Section 645 - Work Zone Traffic Control.
4. Any work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to various items and shall not be paid separately.
5. The Contractor shall notify the Engineer in writing, through the e-construction platform, two (2) weeks prior to starting of his operations.
6. At the end of each day's work, the Contractor shall remove all equipment and other obstruction to permit free passage of public traffic and pedestrians.
7. All lanes shall be open to traffic during peak hours of 6:30 a.m. to 8:30 a.m., during afternoon peak hours from 3:30 p.m. to 6:30 p.m., and during off work hours. Only one lane of the highway shall be closed at any other time. Failure of the Contractor to open all lanes of traffic during the times specified above shall result in assessment of rental fees as specified in Section 108.09 - Rental Fees for Unauthorized Lane Closure or Occupancy.
- 7a. Lane closures are allowed as specified in Section 645 - Work Zone Traffic Control of the Special Provisions.
8. All workers within the State right-of-way who are exposed to either vehicles using the roadway or to construction equipment shall wear high-visibility safety apparel that meets the Performance Class 2 or 3 requirements of ANS/I/SEA 107-2004. "Workers" is defined as people on foot whose duties place them with the State right-of-way, such as, but not limited to construction and maintenance forces, equipment operators, survey crews, utility crews, responders to incidents (e.g. EMT and Firemen), and law enforcements personnel directing traffic, investigating accidents, handling lane closures and obstructed roadways.

9. No material or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing and approved by the Engineer. Prior to start of work, the contractor shall obtain a permit to use the property within the highway right-of-way from the State Highways Division at telephone no. (808) 241-3000 or dot.hwyk.permits@hawaii.gov.
10. The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
11. Prior to construction, the Contractor shall contact the various utility agencies for location of existing utilities within the project limits. The Contractor shall locate and protect all existing utilities whether or not shown on the plans. Any cost incurred by damages to existing utilities will be borne by the Contractor. Contractor shall request from One-Call Center, Ph./866-423-7278. The Contractor shall also call the County of Kauai, Department of Water, PH (808) 245-5400 and the Wastewater Division, Ph. (808) 241-6642 for toning waterlines and sewerlines respectively. The Contractor shall document this effort in the e-construction platform.
12. All works of toning, probing, hand digging, and all other means of utility verifications shall not be paid for separately, but shall be considered incidental to the various contract items.
13. The Contractor shall provide for access to and from all existing driveways, sidewalk and ADA access routes, and side streets and cross streets at all time. This work shall be considered incidental to the various contract items.
14. Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, and tools to maintain flow. This work shall be considered incidental to the various contract items.
15. The contractor, at his own expense, shall keep the project area and surrounding area free from dust nuisance.
16. Smooth riding connections shall be constructed at all limits of construction including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans, unless otherwise approved in writing by the Engineer.

17. The Contractor shall exercise extreme caution to preserve all existing right-of-way, centerline, as-built, construction, and NGS (horizontal and vertical in the NGS database) monuments located within the State of Hawaii right of way. If monuments are disturbed or destroyed, the Engineer shall be notified. Reconciliation to the Right-of-Way Baseline and/or a boundary study and determination may be required prior to re-installation of the disturbed or destroyed monuments. The Engineer shall be contacted for guidelines and procedures prior to construction.

A State of Hawaii Licensed Surveyor shall perform the location and staking of the reset monument. The DOT Standard Plans & Specifications, with the exception of NGS monuments which shall have a NGS approved "brass disk" marker, shall be referenced for the monument type and materials.

Any NGS vertical monuments that are deemed necessary for relocation due to construction shall follow the NGS benchmark reset procedures written by Curtis Smith dated September 2010 or newer. All work must be done by an electronic digital level that is acceptable by NGS for second-order class one or higher work. The surveyor must use two one-piece invar barcode rods with current certifications with struts with 15 lbs. turning plate or turtles; and/or turning pin with driving cap and temperature readings. Contact NGS prior to any work to ensure all equipment meets reset specifications. A State of Hawaii Licensed Surveyor shall perform the relocation. All work must be submitted both in electronic and hard copy formats to NGS and the Engineer.

All monument work shall be considered incidental to this project, unless noted otherwise.

18. No sections where guardrail has been removed shall be left unattended at the end of each work day. Open sections shall be shielded by Portable Concrete Barrier, unless otherwise approved by the Engineer. For Portable Concrete Barrier details, refer to Standard Plans TE-42 and TE-43, Furnishing, installing, and maintaining of these devices shall be considered incidental to the various contract items and will not be paid separately.
19. Removal and disposal of existing structures or elements that are required to be removed to accomplish the work, but are not listed in the proposal schedule or shown on the contract plans shall be considered incidental to the various contract items and will not be paid separately.
20. All saw cutting work and removal shall be considered incidental to the various contract items and will not be paid separately.

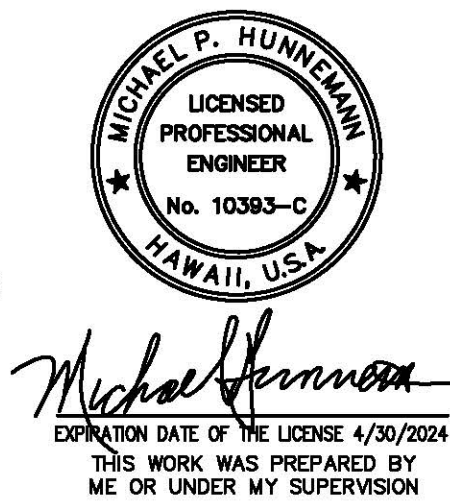
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	HWY-K-02-23M	2023	ADD.4	41

21. The Contractor, at his own expense shall hydro-mulch and maintain per Section 641 - Hydro-Mulch Seeding of the HDOT Standard Specification all areas disturbed by his operations.
22. Earth swale shall be graded to drain. Graded swales and shoulder shall be grassed. This work shall be considered incidental to the various contract items.
23. Trimming and dressing of shoulder, sidewalk and bus turnout shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable materials as shown on the plans and/or as directed by the Engineer. Suitable materials shall include materials from roadway excavation, including topsoil and base material therefrom, and if necessary, additional materials from borrow outside the limits of the right of way. Asphalt concrete removed from cold planning, reconstruction and roadway excavation shall not be used for dressing of shoulders, sidewalk or bus turnout. This work shall be considered incidental to the various contract items.

Additional notes pertaining to paving scope

24. Prior to paving operations, the Contractor shall be responsible for locating, preserving and marking all utilities and Highway facilities that will require adjustments to the new finished pavement grade. Additionally, the Contractor shall submit to the Engineer a list of all items, including water, drainage, sewer, electrical, telephone and cable utilities to be adjusted to the new finished grade.
25. The exact locations and limits or areas to be excavated, reconstructed and cold planed shall be determined in the field by the Engineer.

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



6/9/23	1 - Revised Note
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION GENERAL NOTES -1 MINOR BRIDGE REPAIRS AT VARIOUS LOCATIONS, PART 1 KAUAI, HAWAII PROJECT NO. HWY-K-02-23M Scale: As Shown Date: May 2023	
C-1 SHEET No. 4 OF 41 SHEETS	

P:\Drafting\2023-04-25_5135-40 Kauai\04 5135-40_C-1.dwg, 5/23/2023 5:54:27 PM, tamaraha

26. All asphalt concrete materials from cold planning, reconstruction and roadway excavation operations shall become the property of the Contractor. The Contractor shall remove and dispose these materials and shall be considered incidental to the various contract items. The Contractor shall provide the Solid Waste Disclosure notice to the HDOT Engineer.

27. At the end of each day's paving operation, temporary pavement markers and striping shall be in place prior to leaving the site.

28. After completion of resurfacing, the Contractor and the Engineer will test for, and determine ponding areas (i.e. low spots within the resurfaced area). It shall be the responsibility of the Contractor to correct and resurface and/or repair all such ponding areas.

Additional notes pertaining to grading scope

29. Slope protection should be established as soon as cut or fill slope is completed to reduce erosion potential.

30. No Contractor shall perform any grading work operations to cause rocks, soil, or debris in any form to fall, slide or flow onto adjoining properties, streets, or natural watercourse.

31. No Grading work shall be done on Saturdays, Sundays and Holidays, unless otherwise approved by the Engineer.

32. Temporary measures to control erosion and other pollutants shall be placed before any earth moving phase of the grading is initiated. Temporary erosion control shall not be removed before permanent erosion controls are in place and established. Temporary erosion control procedures shall be submitted to the Engineer for review and approval. This work shall be considered incidental to the various contract items and will not be paid separately.

33. A Grading Permit is required from the County "Department of Public Works" for the disposal of wasted excavated materials. Disposal site shall comply with the County's Sediment and Erosion Control Ordinances No. 808. This work shall be considered incidental to the various contract items and will not be paid separately.

34. No material or equipment shall be stored within County right-of-way, unless otherwise approved by the County and Engineer.

35. A Road Permit is required from the County "Department of Public Works" for the construction and warning sign installation within County right-of-way. Three (3) sets of the approved plans shall be submitted at the time when the Road Permit is applied for. Additionally, the applicant will need to provide Certificate of Liability Insurance naming the County as additionally insured. This work shall be considered incidental to the various contract items and will not be paid separately.

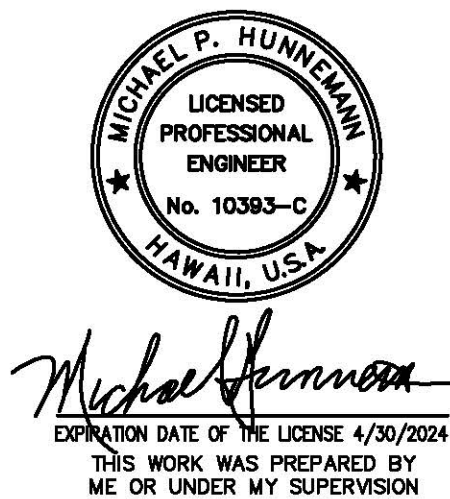
1 36. The Contractor shall obtain a Department of Health Noise Variance permit, and submit a copy to the Engineer, before beginning night work.

ABBREVIATIONS

A.C.	Asphalt Concrete	Min	Minimum
BC	Bottom of Curb	Misc	Miscellaneous
Blvd.	Boulevard	M.P.	Mile Post
Bot	Bottom	MPH	Miles Per Hour
Btwn	Between	N/A	Not Applicable
CL	Centerline	No. or #	Number
CJ	Construction Joint	N.I.C.	Not In Contract
Cir.	Circular	NTS	Not To Scale
Clr	Clear	O.C.	On Center
Conc	Concrete	O.D.	Outside Diameter
Cont	Continuous	Opng	Opening
Dbl	Double	Rad	Radius
Dia (D)	Diameter	Pav't	Pavement
Dwg	Drawing	PL or PL	Plate
Ea	Each	Ref	Reference
E.F.	Each Face	Reinf.	Reinforcing
Elev or El	Elevation	Req'd	Required
Eq	Equal	R.O.W.	Right-of-Way
E.W.	Each Way	SF	Square Feet
Exist or (E)	Existing	Sht	Sheet
Fin	Finish	Sp	Spaces or Spacing
Ft	Foot or Feet	Sta.	Station
Ftg	Footing	Temp	Temporary
Gnd	Ground	Thru	Through
Grd	Grade	Typ	Typical
Horiz	Horizontal	UNO	Unless Noted Otherwise
Ht	Height	Vert	Vertical
Hwy	Highway		
Max	Maximum		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	HWY-K-02-23M	2023	ADD.5	41

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



6/9/23	1 - Added Note
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION GENERAL NOTES - 2 MINOR BRIDGE REPAIRS AT VARIOUS LOCATIONS, PART 1 KAUAI, HAWAII PROJECT NO. HWY-K-02-23M Scale: As Shown Date: May 2023	
C-1A	SHEET No. 5 OF 41 SHEETS

ADD.5