

NASA Causeway Bridge Replacement Project
Environmental Assessment

Appendix B

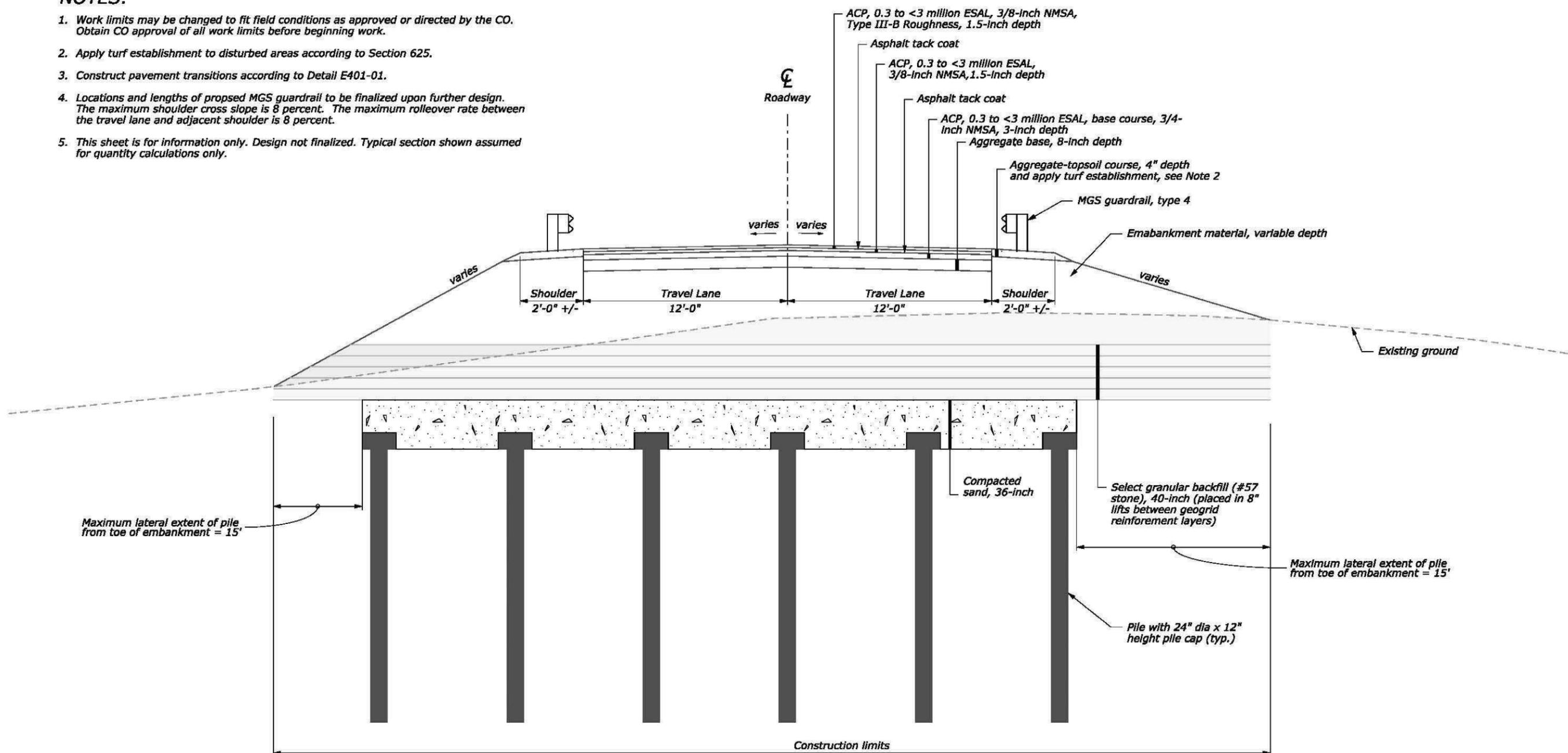
FHWA 30% Design Plan Sheets
(Select Sheets for the EA)

STATE	PROJECT	SHEET NUMBER
VA	VA ST NASA 1(9)	B02

NOTES:

1. Work limits may be changed to fit field conditions as approved or directed by the CO. Obtain CO approval of all work limits before beginning work.
2. Apply turf establishment to disturbed areas according to Section 625.
3. Construct pavement transitions according to Detail E401-01.
4. Locations and lengths of proposed MGS guardrail to be finalized upon further design. The maximum shoulder cross slope is 8 percent. The maximum rollover rate between the travel lane and adjacent shoulder is 8 percent.
5. This sheet is for information only. Design not finalized. Typical section shown assumed for quantity calculations only.

PROPOSED PAVEMENT STRUCTURE



LOAD TRANSFER PLATFORM SECTION

Sta. 23+50.00 - Sta. 25+86.95
Sta. 45+36.95 - Sta. 47+75.00

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NO.	DATE	BY	REVISIONS

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

NO SCALE

NASA WALLOPS FLIGHT FACILITY

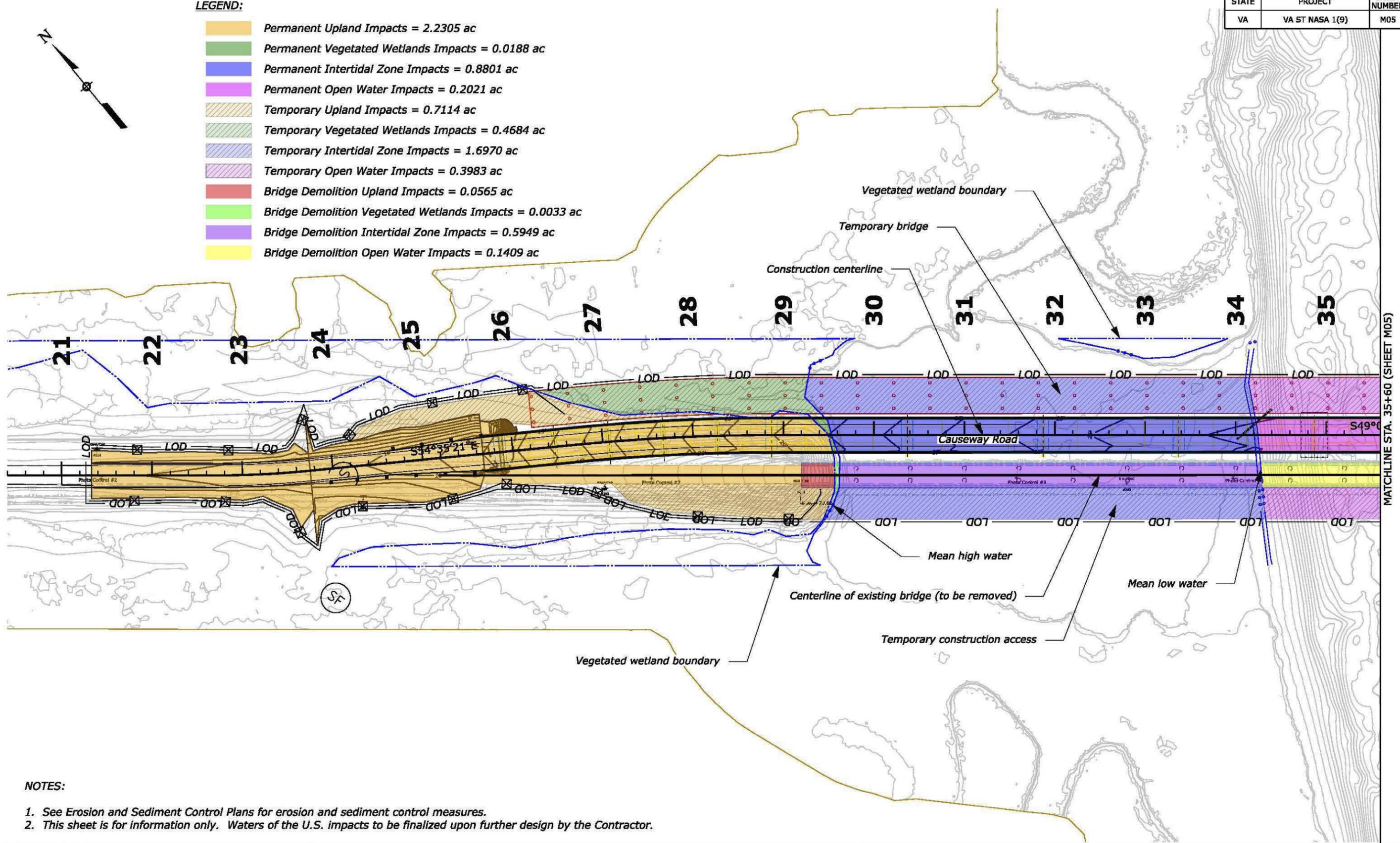
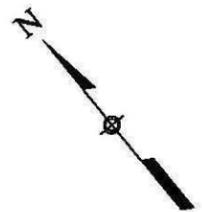
TYPICAL SECTIONS
CAUSEWAY ROAD
SCHEDULE A

Sheet 2 of 2

STATE	PROJECT	SHEET NUMBER
VA	VA ST NASA 1(9)	M05

LEGEND:

- Permanent Upland Impacts = 2.2305 ac
- Permanent Vegetated Wetlands Impacts = 0.0188 ac
- Permanent Intertidal Zone Impacts = 0.8801 ac
- Permanent Open Water Impacts = 0.2021 ac
- Temporary Upland Impacts = 0.7114 ac
- Temporary Vegetated Wetlands Impacts = 0.4684 ac
- Temporary Intertidal Zone Impacts = 1.6970 ac
- Temporary Open Water Impacts = 0.3983 ac
- Bridge Demolition Upland Impacts = 0.0565 ac
- Bridge Demolition Vegetated Wetlands Impacts = 0.0033 ac
- Bridge Demolition Intertidal Zone Impacts = 0.5949 ac
- Bridge Demolition Open Water Impacts = 0.1409 ac



NOTES:

1. See Erosion and Sediment Control Plans for erosion and sediment control measures.
2. This sheet is for information only. Waters of the U.S. impacts to be finalized upon further design by the Contractor.

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SCALE IN FEET

NASA WALLOPS FLIGHT FACILITY

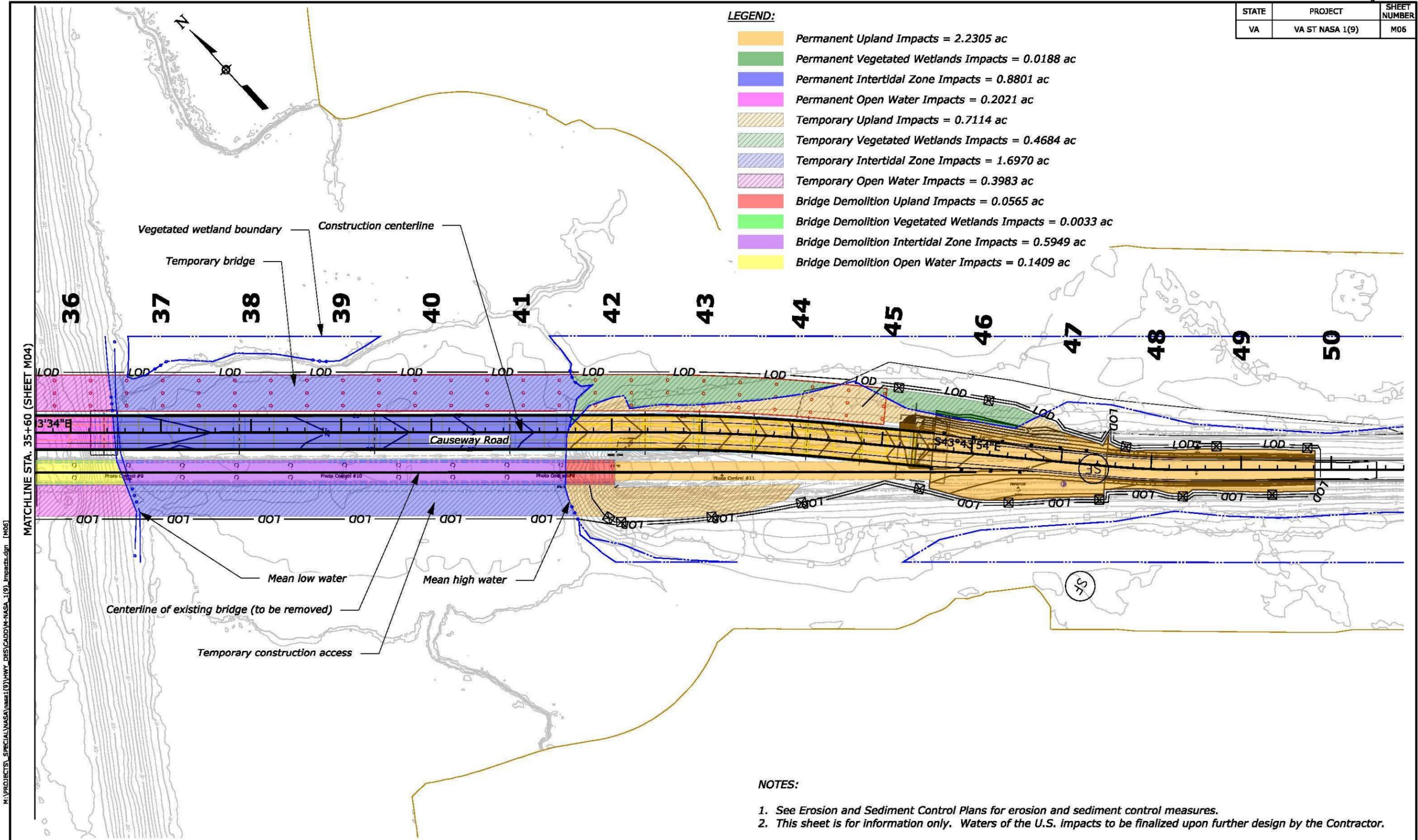
WATERS OF THE U.S. IMPACTS

CAT CREEK

STATE	PROJECT	SHEET NUMBER
VA	VA ST NASA 1(9)	M06

LEGEND:

- Permanent Upland Impacts = 2.2305 ac
- Permanent Vegetated Wetlands Impacts = 0.0188 ac
- Permanent Intertidal Zone Impacts = 0.8801 ac
- Permanent Open Water Impacts = 0.2021 ac
- Temporary Upland Impacts = 0.7114 ac
- Temporary Vegetated Wetlands Impacts = 0.4684 ac
- Temporary Intertidal Zone Impacts = 1.6970 ac
- Temporary Open Water Impacts = 0.3983 ac
- Bridge Demolition Upland Impacts = 0.0565 ac
- Bridge Demolition Vegetated Wetlands Impacts = 0.0033 ac
- Bridge Demolition Intertidal Zone Impacts = 0.5949 ac
- Bridge Demolition Open Water Impacts = 0.1409 ac



NOTES:

1. See Erosion and Sediment Control Plans for erosion and sediment control measures.
2. This sheet is for information only. Waters of the U.S. impacts to be finalized upon further design by the Contractor.

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 OFFICE OF FEDERAL LANDS HIGHWAY

SCALE IN FEET

NASA WALLOPS FLIGHT FACILITY

WATERS OF THE U.S. IMPACTS

CAT CREEK