



Public and Agency Scoping

Environmental Assessment (EA) SpaceX Roberts Road Operations Area Expansion and NASA Parkway Connector

June 29, 2022

Contents



Kennedy Space Center

- Introduction & Background
- NASA's NEPA Process
- Agency Coordination
- Public Involvement
- Next Steps

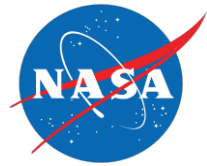
Introduction & Background



Kennedy Space Center

- Space Exploration Technologies Corp. (SpaceX) is proposing to expand their Roberts Road SpaceX Operations Area at Kennedy Space Center (KSC) and construct a connector road
- SpaceX's proposal requires a real property agreement with the National Aeronautics and Space Administration (NASA)
- NASA's execution of a real property agreement triggers review under the National Environmental Policy Act (NEPA)
- Initiation and completion of an EA is not indicative of a proposed project's approval or disapproval

What is an Environmental Assessment (EA)?



Kennedy Space Center

- An EA is a public document that provides information and environmental analysis to help determine paths forward for a proposed project
- NASA prepares the EA under the National Environmental Policy Act, (NEPA) and other applicable laws
- This assessment determines whether a proposed project has the potential to significantly affect the environment
- An EA helps determine whether NASA will need to complete an Environmental Impact Statement (EIS) or issue a Finding of No Significant Impact (FONSI) for a proposed project

Purpose of Scoping



Kennedy Space Center

- Scoping is a part of the NEPA process through which a federal agency describes a proposed action and possible alternatives.
- The agency then seeks input from other agencies, organizations, stakeholders, and the public on potentially affected resources, environmental issues to be considered, and the agency's planned approach to analysis.

NASA's NEPA Process



Kennedy Space Center

The main objective of the NEPA process is to protect and enhance the quality of the human environment through 3 main initiatives:

1. Integrate environmental considerations into the planning of Agency actions as early as possible
2. Ensure the environment, technical, and economic considerations are weighed during decision making and before actions are taken
3. Ensure the decision maker and the public are aware of environmental consequences of proposed Agency actions and that informed decisions are made

NASA's NEPA Process



Kennedy Space Center

- NASA analyzed the development of the existing Roberts Road SpaceX Operations Area in the October 2018 *Final Environmental Assessment for Space Exploration Technologies Operations Area on Kennedy Space Center and Finding of No Significant Impact*
- SpaceX and NASA are preparing a Supplemental EA to evaluate the potential impacts of the proposed expansion

NASA's NEPA Process



Kennedy Space Center

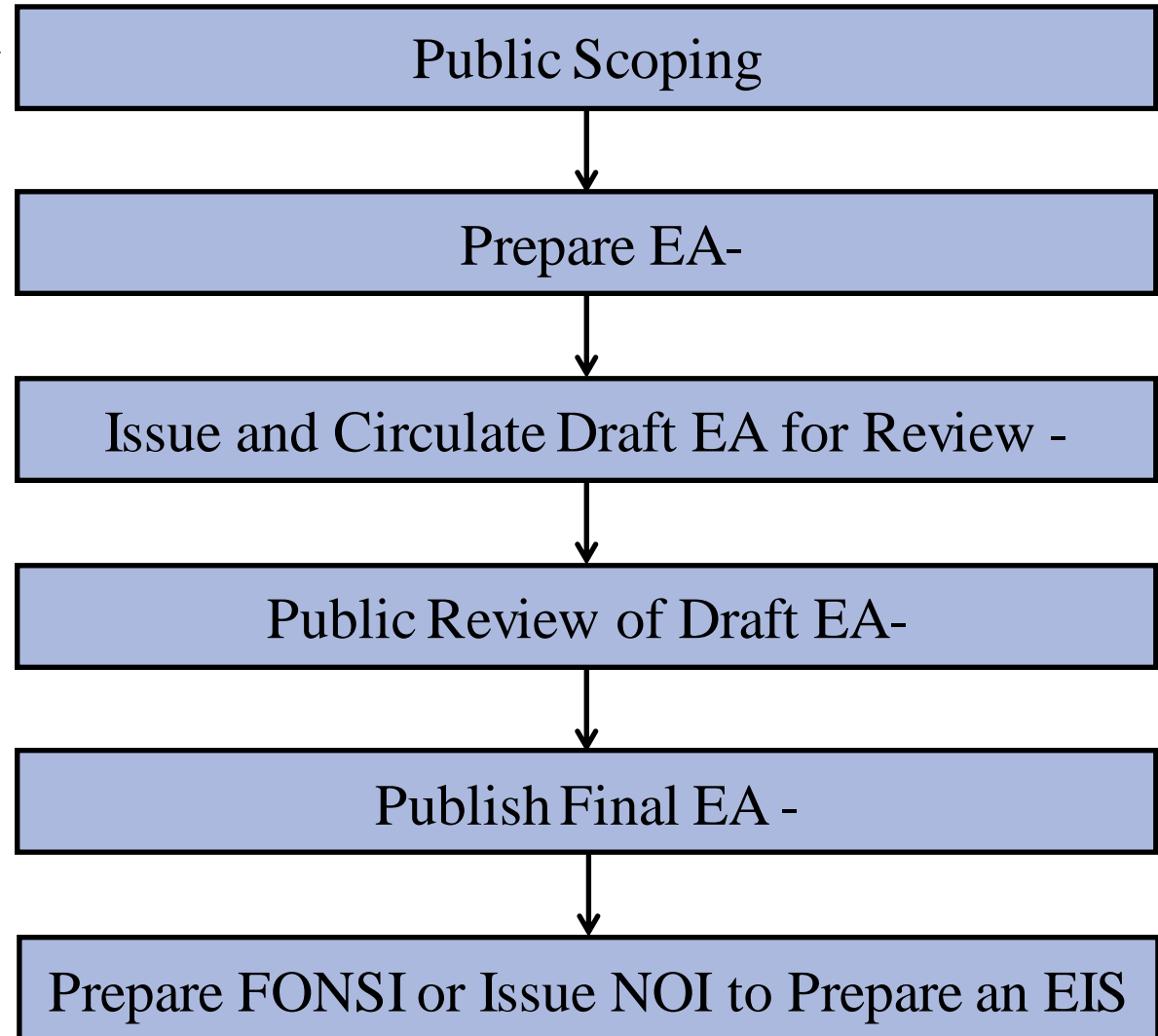
- The Supplemental EA will document:
 - Why the project is being proposed (**Purpose and Need**)
 - A description of the project (**Proposed Action**)
 - Ways other than the project to meet the Purpose and Need (**Alternatives**)
 - A description of the existing conditions (**Affected Environment**)
 - An evaluation of potential impacts and measures to avoid, minimize, or mitigate them (**Environmental Consequences**)

NASA's NEPA Process



Kennedy Space Center

• We Are Here



Purpose & Need



Kennedy Space Center

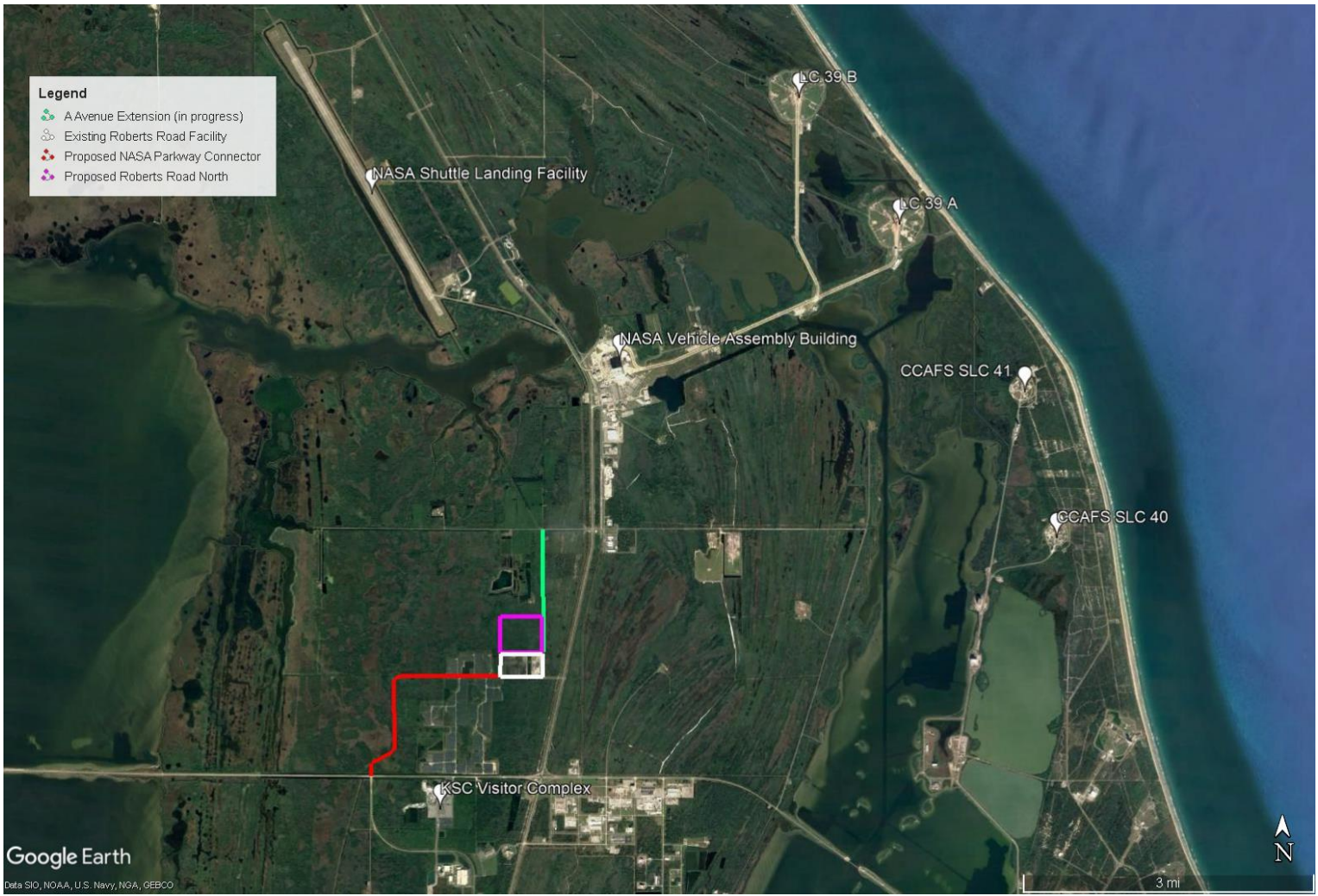
- The purpose of SpaceX's proposal is to consolidate SpaceX's Brevard County, Florida operations within a contiguous campus at Kennedy Space Center (KSC) to increase operational capabilities, efficiency, and cost effectiveness of SpaceX's operations
- SpaceX's proposal is needed to streamline SpaceX's local facilities in support of optimizing production and launch of their reusable launch vehicle fleet



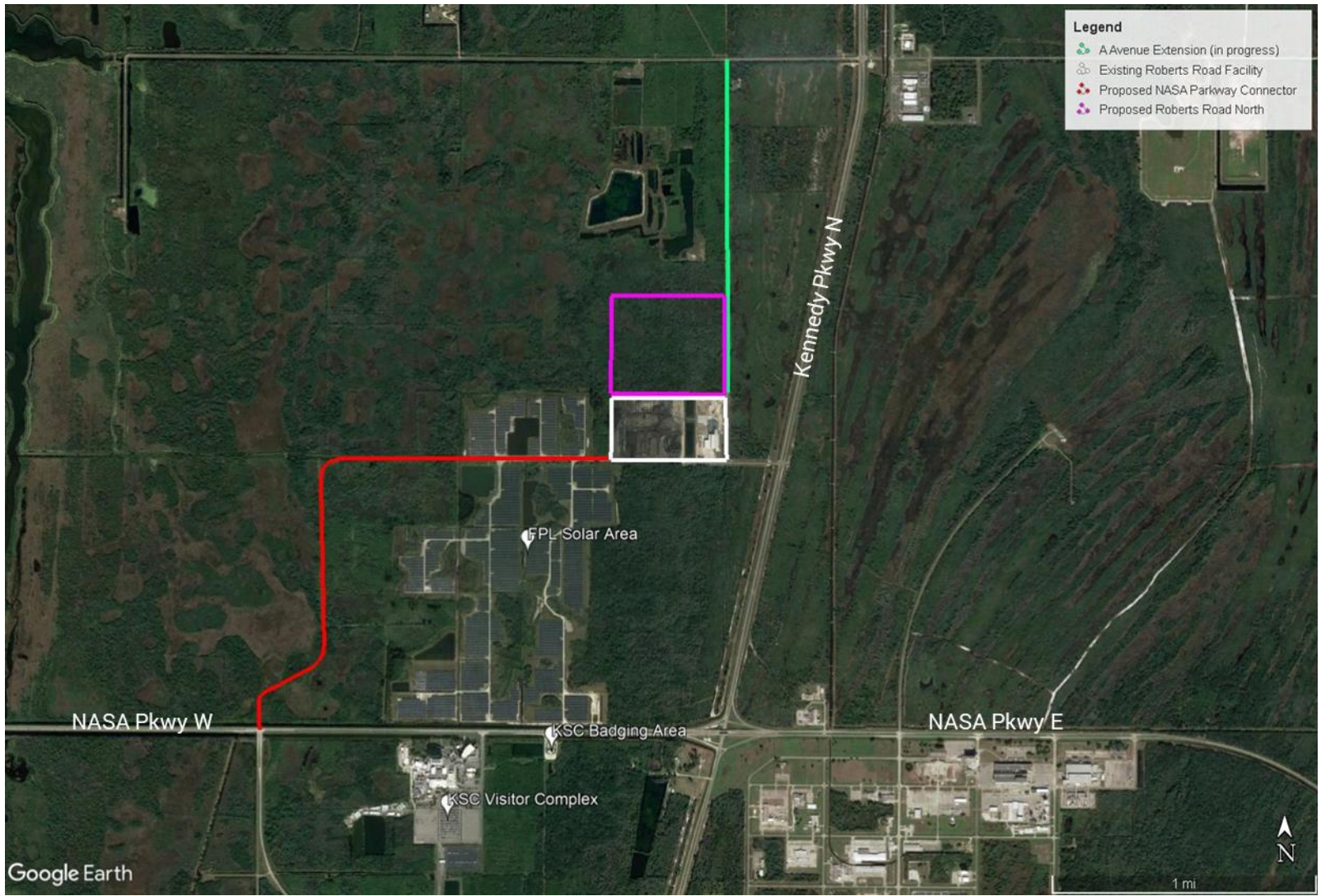
Proposed Action

- The Proposed Action is to modify the existing real property agreement for expansion of the Roberts Road SpaceX Operations Area
- Under the Proposed Action, SpaceX would lease up to 100 additional acres of land to the north of the existing site for the development of office space and facilities in support of:
 - vehicle and payload processing,
 - fabrication,
 - storage,
 - manufacturing, and
 - shipping and receiving
- SpaceX would also construct an approximately 1.6 mile connector road to the site
- Slides 12 and 13 shows the existing Roberts Road SpaceX Operations area and connector road study area

Proposed Action



Proposed Action



Environmental Analysis



- The EA will consider the following 14 resource areas and provide context for understanding potential direct, indirect, and cumulative environmental effects:
 - Land Use/Visual Resources
 - Noise
 - Biological Resources
 - Cultural Resources
 - Air Quality
 - Climate
 - Hazardous Materials/Hazardous Waste
 - Water Resources
 - Geology and Soils
 - Transportation
 - Utilities
 - Health and Safety
 - Socioeconomics
 - Environmental Justice

Agency Coordination



Kennedy Space Center

- The United States Fish and Wildlife Service (USFWS) Merritt Island National Wildlife Refuge (MINWR) is serving as a Cooperating Agency
- The Florida Department of Transportation (FDOT) is serving as a Participating Agency
- NASA held a scoping meeting with MINWR and FDOT and other interested state and federal agencies on June 29, 2022 to solicit feedback and suggestions for the scope of the environmental review

Public Involvement



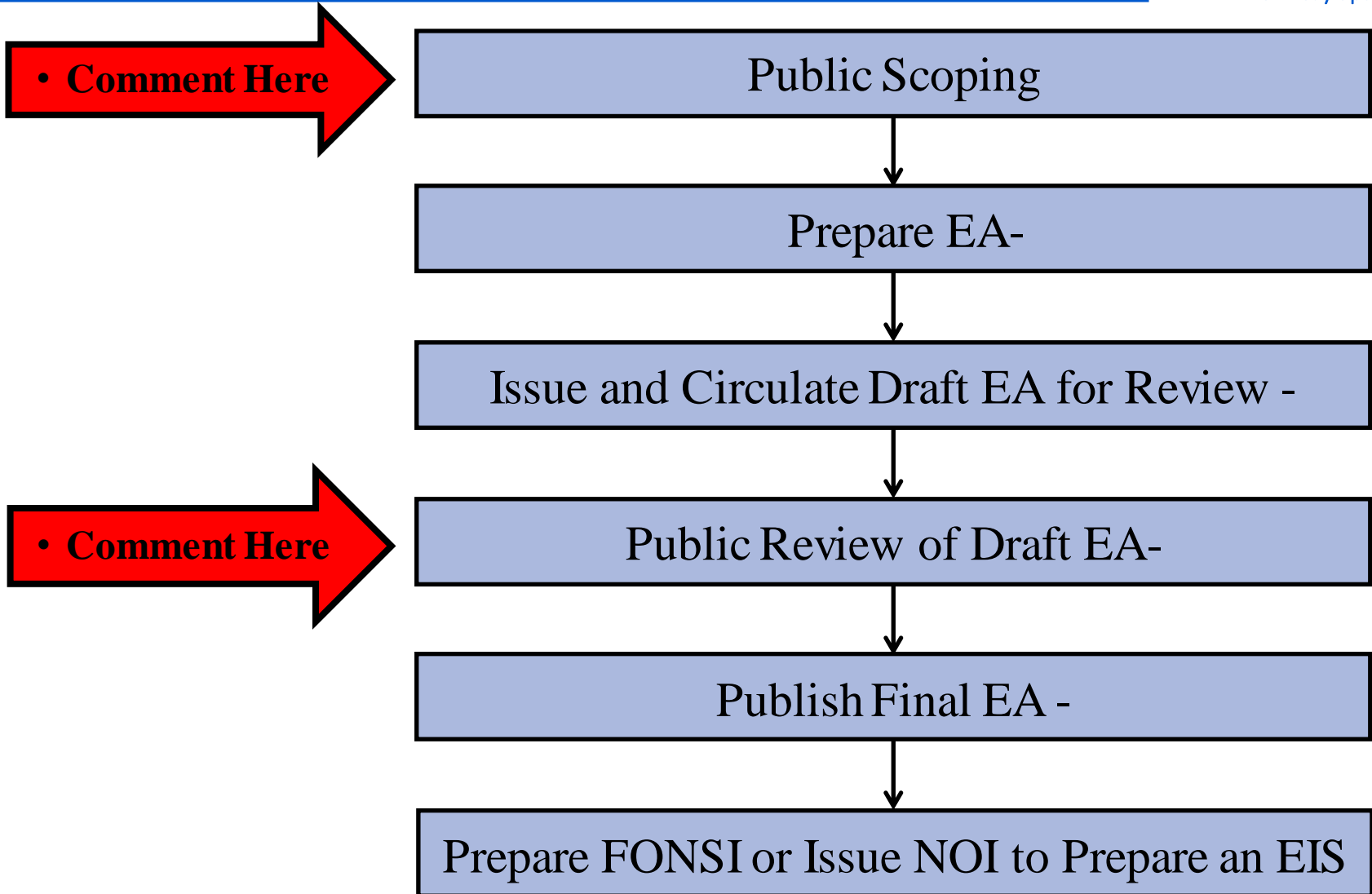
Kennedy Space Center

- Interested parties can:
 - View status updates on the project website: <https://environmental.ksc.nasa.gov/EnvironmentalPlanning/robertsroadexpansion>
 - Sign up for the project mailing list: ksc-spacex-robertsroad@mail.nasa.gov
 - Upon publication, review the Draft Supplemental EA and provide comments

Public Involvement Opportunities



Kennedy Space Center



Next Steps



Kennedy Space Center

- The Draft Supplemental EA will be published for review in September 2022
- NASA and SpaceX will review public and agency comments and prepare a Final Supplemental EA
- NASA will issue a FONSI or Notice of Intent to Prepare an Environmental Impact Statement (EIS) in November 2022

Tell us what you think!



Kennedy Space Center

- The Public and Agency Scoping period will run for 30 days. Please submit comments by not later than July 29, 2022.

1. Mail comment to: **Donald Dankert**
Environmental Management Branch
SI-E3
NASA Kennedy Space Center
Florida, 32899

2. Email comments to:
ksc-spacex-robotersroad@mail.nasa.gov