

CATEGORICAL EXCLUSION ACTION CLASSIFICATION FORM

| | |
|---------------------|---------------------|
| TIP Project No. | <u>U-5508</u> |
| WBS Project No. | <u>50015.1.1</u> |
| Federal Project No. | <u>STP-0024(55)</u> |

- A. Project Description: (Include project scope and location and refer to the attached project location map.)

The proposed project is located at the intersection of NC 24 (Lejeune Boulevard) and NC 53 (Western Boulevard) within the City of Jacksonville, in Onslow County. The project limits are shown on the attached vicinity map. The proposed project involves the replacement and supplementation of existing drainage structures crossing under NC 53 and NC 24 at the intersection.

- B. Purpose and Need:

The purpose of the project is to reduce the flooding which occurs on properties near the NC 24/NC 53 intersection. The area around the intersection has experienced frequent flooding problems. According to local residents, flooding at this location occurs every two to three years.

- C. Proposed Improvements:

Circle one or more of the following Type II improvements which apply to the project:

- ①. Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (e.g., parking, weaving, turning, climbing).
 - a. Restoring, Resurfacing, Rehabilitating, and Reconstructing pavement (3R and 4R improvements)
 - b. Widening roadway and shoulders without adding through lanes
 - c. Modernizing gore treatments
 - d. Constructing lane improvements (merge, auxiliary, and turn lanes)
 - e. Adding shoulder drains
 - ②. Replacing and rehabilitating culverts, inlets, and drainage pipes, including safety treatments
 - g. Providing driveway pipes
 - h. Performing minor bridge widening (less than one through lane)
 - i. Slide Stabilization
 - j. Structural BMP's for water quality improvement
2. Highway safety or traffic operations improvement projects including the installation of ramp metering control devices and lighting.
 - a. Installing ramp metering devices
 - b. Installing lights

- c. Adding or upgrading guardrail
 - d. Installing safety barriers including Jersey type barriers and pier protection
 - e. Installing or replacing impact attenuators
 - f. Upgrading medians including adding or upgrading median barriers
 - g. Improving intersections including relocation and/or realignment
 - h. Making minor roadway realignment
 - i. Channelizing traffic
 - j. Performing clear zone safety improvements including removing hazards and flattening slopes
 - k. Implementing traffic aid systems, signals, and motorist aid
 - l. Installing bridge safety hardware including bridge rail retrofit
3. Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings.
 - a. Rehabilitating, reconstructing, or replacing bridge approach slabs
 - b. Rehabilitating or replacing bridge decks
 - c. Rehabilitating bridges including painting (no red lead paint), scour repair, fender systems, and minor structural improvements
 - d. Replacing a bridge (structure and/or fill)
 4. Transportation corridor fringe parking facilities.
 5. Construction of new truck weigh stations or rest areas.
 6. Approvals for disposal of excess right-of-way or for joint or limited use of right-of-way, where the proposed use does not have significant adverse impacts.
 7. Approvals for changes in access control.
 8. Construction of new bus storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and located on or near a street with adequate capacity to handle anticipated bus and support vehicle traffic.
 9. Rehabilitation or reconstruction of existing rail and bus buildings and ancillary facilities where only minor amounts of additional land are required and there is not a substantial increase in the number of users.
 10. Construction of bus transfer facilities (an open area consisting of passenger shelters, boarding areas, kiosks and related street improvements) when located in a commercial area or other high activity center in which there is adequate street capacity for projected bus traffic.
 11. Construction of rail storage and maintenance facilities in areas used predominantly for industrial or transportation purposes where such construction is not inconsistent with existing zoning and where there is no significant noise impact on the surrounding community.
 12. Acquisition of land for hardship or protective purposes, advance land acquisition loans under section 3(b) of the UMT Act. Hardship and

protective buying will be permitted only for a particular parcel or a limited number of parcels. These types of land acquisition qualify for a CE only where the acquisition will not limit the evaluation of alternatives, including shifts in alignment for planned construction projects, which may be required in the NEPA process. No project development on such land may proceed until the NEPA process has been completed.

13. Acquisition and construction of wetland, stream and endangered species mitigation sites.
14. Remedial activities involving the removal, treatment or monitoring of soil or groundwater contamination pursuant to state or federal remediation guidelines.

D. Special Project Information: (Include Environmental Commitments and Permits Required.)

A 72-inch by 44-inch corrugated metal pipe arch and a 30-inch pipe connected to a 48-inch pipe carry an unnamed tributary of Northeast Creek under both NC 53 and NC 24 at the intersection. The proposed project will involve replacing the 30-inch pipe with a 48-inch pipe and adding two 60-inch pipes. The existing 48-inch pipe and the pipe arch will be retained.

E. Threshold Criteria

The following evaluation of threshold criteria must be completed for Type II actions

| <u>ECOLOGICAL</u> | | <u>YES</u> | <u>NO</u> |
|---------------------------------|--|--------------------------|--------------------------|
| (1) | Will the project have a substantial impact on any unique or important natural resource? | <input type="checkbox"/> | <u>X</u> |
| (2) | Does the project involve habitat where federally listed endangered or threatened species may occur? | <input type="checkbox"/> | <u>X</u> |
| (3) | Will the project affect anadromous fish? | <input type="checkbox"/> | <u>X</u> |
| (4) | If the project involves wetlands, is the amount of permanent and/or temporary wetland taking less than one-tenth (1/10) of an acre and have all practicable measures to avoid and minimize wetland takings been evaluated? | <u>X</u> | <input type="checkbox"/> |
| (5) | Will the project require the use of U. S. Forest Service lands? | <input type="checkbox"/> | <u>X</u> |
| (6) | Will the quality of adjacent water resources be adversely impacted by proposed construction activities? | <input type="checkbox"/> | <u>X</u> |
| (7) | Does the project involve waters classified as Outstanding Water Resources (OWR) and/or High Quality Waters (HQW)? | <input type="checkbox"/> | <u>X</u> |
| (8) | Will the project require fill in waters of the United States in any of the designated mountain trout counties? | <input type="checkbox"/> | <u>X</u> |
| (9) | Does the project involve any known underground storage tanks (UST's) or hazardous materials sites? | <input type="checkbox"/> | <u>X</u> |
| <u>PERMITS AND COORDINATION</u> | | <u>YES</u> | <u>NO</u> |
| (10) | If the project is located within a CAMA county, will the project significantly affect the coastal zone and/or any "Area of Environmental Concern" (AEC)? | <input type="checkbox"/> | <u>X</u> |
| (11) | Does the project involve Coastal Barrier Resources Act resources? | <input type="checkbox"/> | <u>X</u> |
| (12) | Will a U. S. Coast Guard permit be required? | <input type="checkbox"/> | <u>X</u> |
| (13) | Will the project result in the modification of any existing regulatory floodway? | <input type="checkbox"/> | <u>X</u> |
| (14) | Will the project require any stream relocations or channel changes? | <input type="checkbox"/> | <u>X*</u> |

SOCIAL, ECONOMIC, AND CULTURAL RESOURCES

| | <u>YES</u> | <u>NO</u> |
|--|--------------------------|--------------------------|
| (15) Will the project induce substantial impacts to planned growth or land use for the area? | <input type="checkbox"/> | <u>X</u> |
| (16) Will the project require the relocation of any family or business? | <input type="checkbox"/> | <u>X</u> |
| (17) Will the project have a disproportionately high and adverse human health and environmental effect on any minority or low-income population? | <input type="checkbox"/> | <u>X</u> |
| (18) If the project involves the acquisition of right of way, is the amount of right of way acquisition considered minor? | <u>X</u> | <input type="checkbox"/> |
| (19) Will the project involve any changes in access control? | <input type="checkbox"/> | <u>X</u> |
| (20) Will the project substantially alter the usefulness and/or land use of adjacent property? | <input type="checkbox"/> | <u>X</u> |
| (21) Will the project have an adverse effect on permanent local traffic patterns or community cohesiveness? | <input type="checkbox"/> | <u>X</u> |
| (22) Is the project included in an approved thoroughfare plan and/or Transportation Improvement Program (and is, therefore, in conformance with the Clean Air Act of 1990)? | <u>X</u> | <input type="checkbox"/> |
| (23) Is the project anticipated to cause an increase in traffic volumes? | <input type="checkbox"/> | <u>X</u> |
| (24) Will traffic be maintained during construction using existing roads, staged construction, or on-site detours? | <u>X</u> | <input type="checkbox"/> |
| (25) If the project is a bridge replacement project, will the bridge be replaced at its existing location (along the existing facility) and will all construction proposed in association with the bridge replacement project be contained on the existing facility? | <u>N/A</u> | <input type="checkbox"/> |
| (26) Is there substantial controversy on social, economic, or environmental grounds concerning the project? | <input type="checkbox"/> | <u>X</u> |
| (27) Is the project consistent with all Federal, State, and local laws relating to the environmental aspects of the project? | <u>X</u> | <input type="checkbox"/> |
| (28) Will the project have an "effect" on structures/properties eligible for or listed on the National Register of Historic Places? | <input type="checkbox"/> | <u>X</u> |
| (29) Will the project affect any archaeological remains which are important to history or pre-history? | <input type="checkbox"/> | <u>X</u> |

- | | <u>YES</u> | <u>NO</u> |
|--|--------------------------|-------------------------------------|
| (30) Will the project require the use of Section 4(f) resources (public parks, recreation lands, wildlife and waterfowl refuges, historic sites, or historic bridges, as defined in Section 4(f) of the U. S. Department of Transportation Act of 1966)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (31) Will the project result in any conversion of assisted public recreation sites or facilities to non-recreation uses, as defined by Section 6(f) of the Land and Water Conservation Act of 1965, as amended? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| (32) Will the project involve construction in, across, or adjacent to a river designated as a component of or proposed for inclusion in the National System of Wild and Scenic Rivers? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

F. Additional Documentation Required for Unfavorable Responses in Part E
 (Discussion regarding all unfavorable responses in Part E should be provided below. Additional supporting documentation may be attached, as necessary.)

*Some channel work and bank stabilization will be needed to tie the new pipes into the channel on both ends. Approximately 80 feet of bank stabilization will be needed. No channel relocation is proposed.

G. CE Approval

TIP Project No. U-5508
 State Project No. 50015.1.1
 Federal-Aid Project No. STP-0024(55)


Project Description: (Include project scope and location. Attach location map.)


The proposed project is located at the intersection of NC 24 (Lejeune Boulevard) and NC 53 (Western Boulevard) within the City of Jacksonville, in Onslow County. The proposed project involves the replacement or supplementation of existing drainage structures crossing under NC 53 and NC 24 at the intersection.

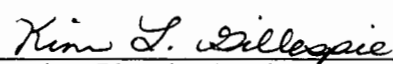
Categorical Exclusion Action Classification: (Check one)

 X TYPE II(A)
 TYPE II(B)

Approved:

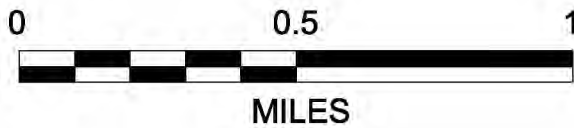
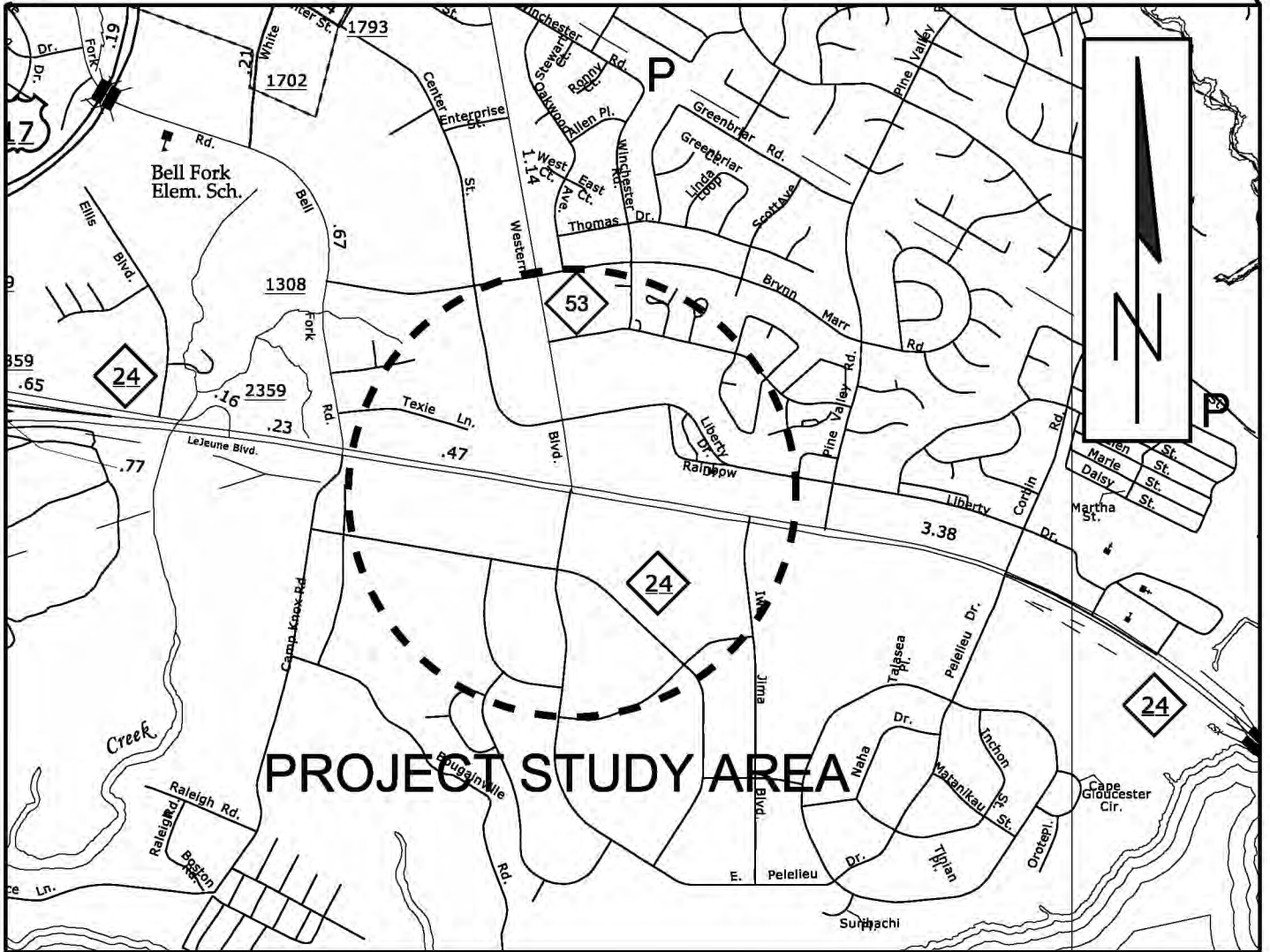
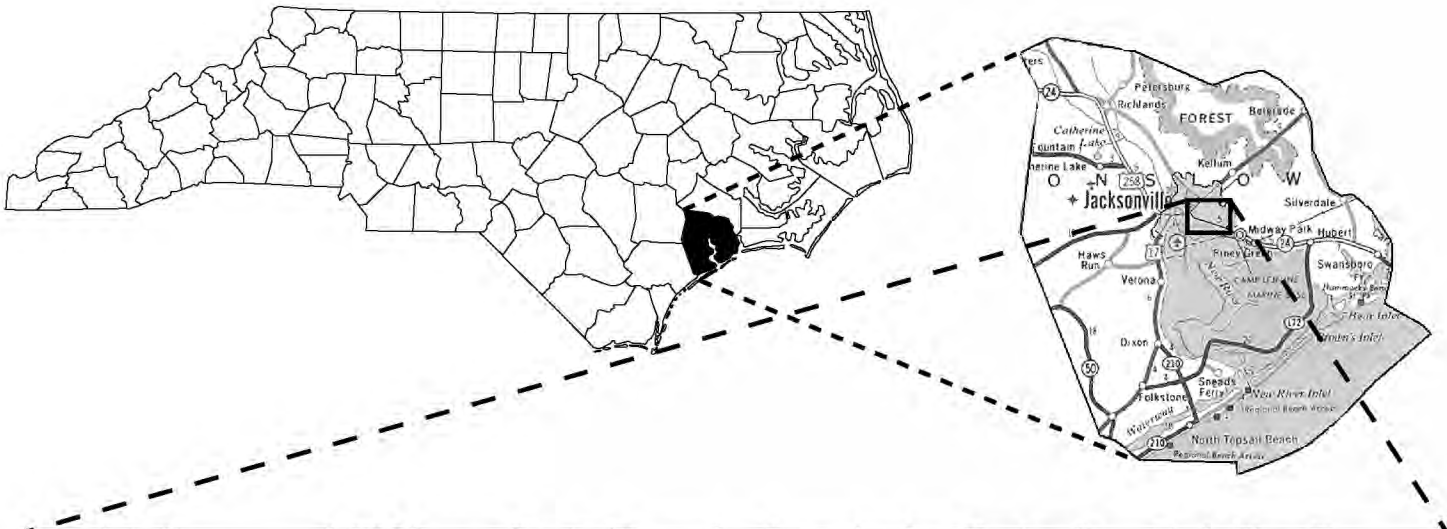
12/20/13
 Date  _____
 Project Development Unit Head
 Project Development and Environmental Analysis Unit


12/19/13
 Date  _____
 Project Engineer
 Project Development and Environmental Analysis Unit

12/19/13
 Date  _____
 Project Planning Engineer
 Project Development and Environmental Analysis Unit

For Type II(B) projects only:

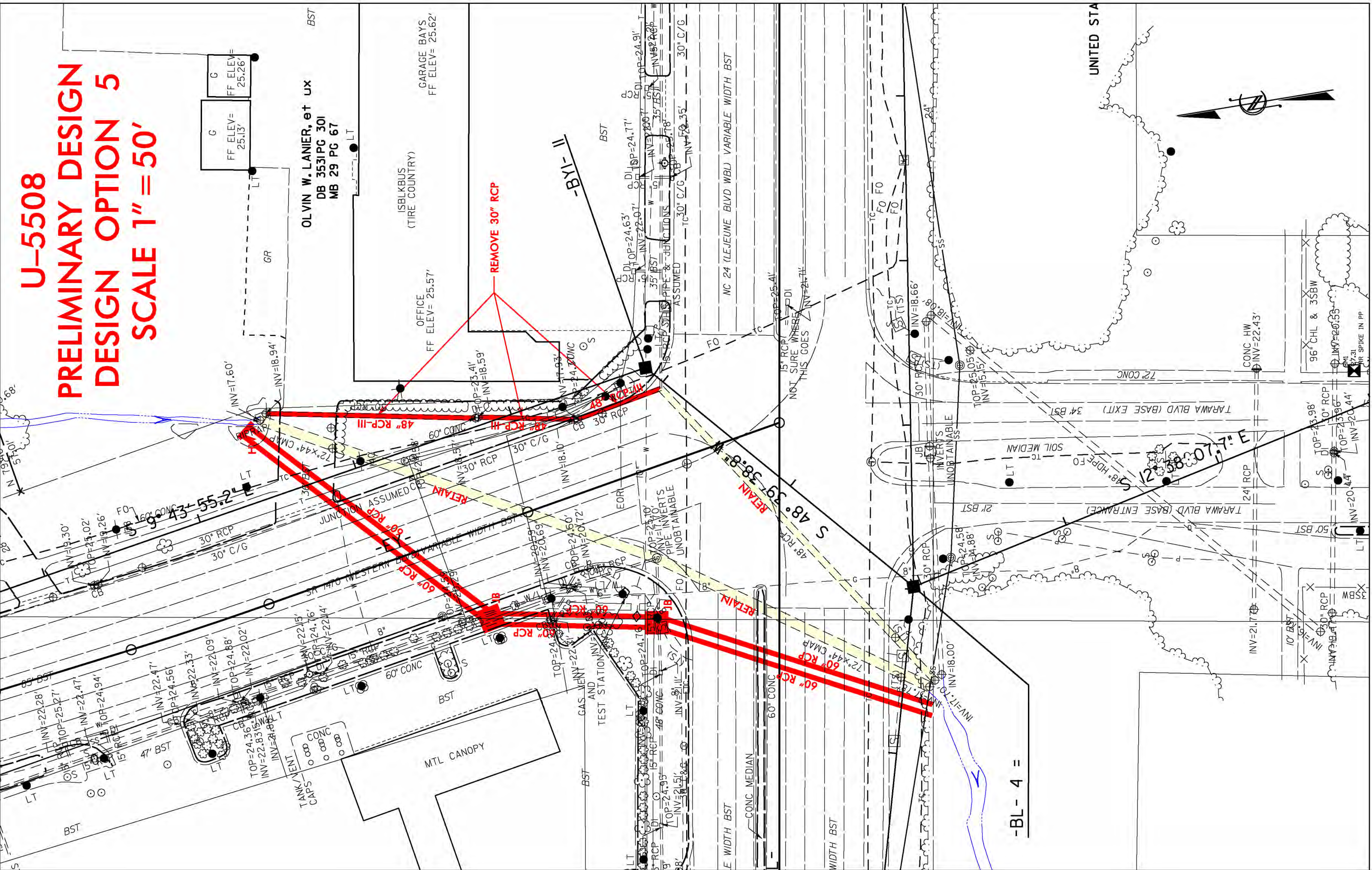
_____ N/A _____
 Date Division Administrator
 Federal Highway Administration



| | |
|--|--|
|  | <p>NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS UNIT</p> |
| | <p>JACKSONVILLE NC 24 (LEJEUNE BLVD.) AT NC 53 (WESTERN BLVD.) CULVERT REPLACEMENT ONSLOW COUNTY TIP PROJECT U-5508</p> |

U-5508
PRELIMINARY DESIGN
DESIGN OPTION 5
SCALE 1" = 50'

OLVIN W. LANIER, et ux
 DB 3531 PG 301
 MB 29 PG 67



-BL- 4 =