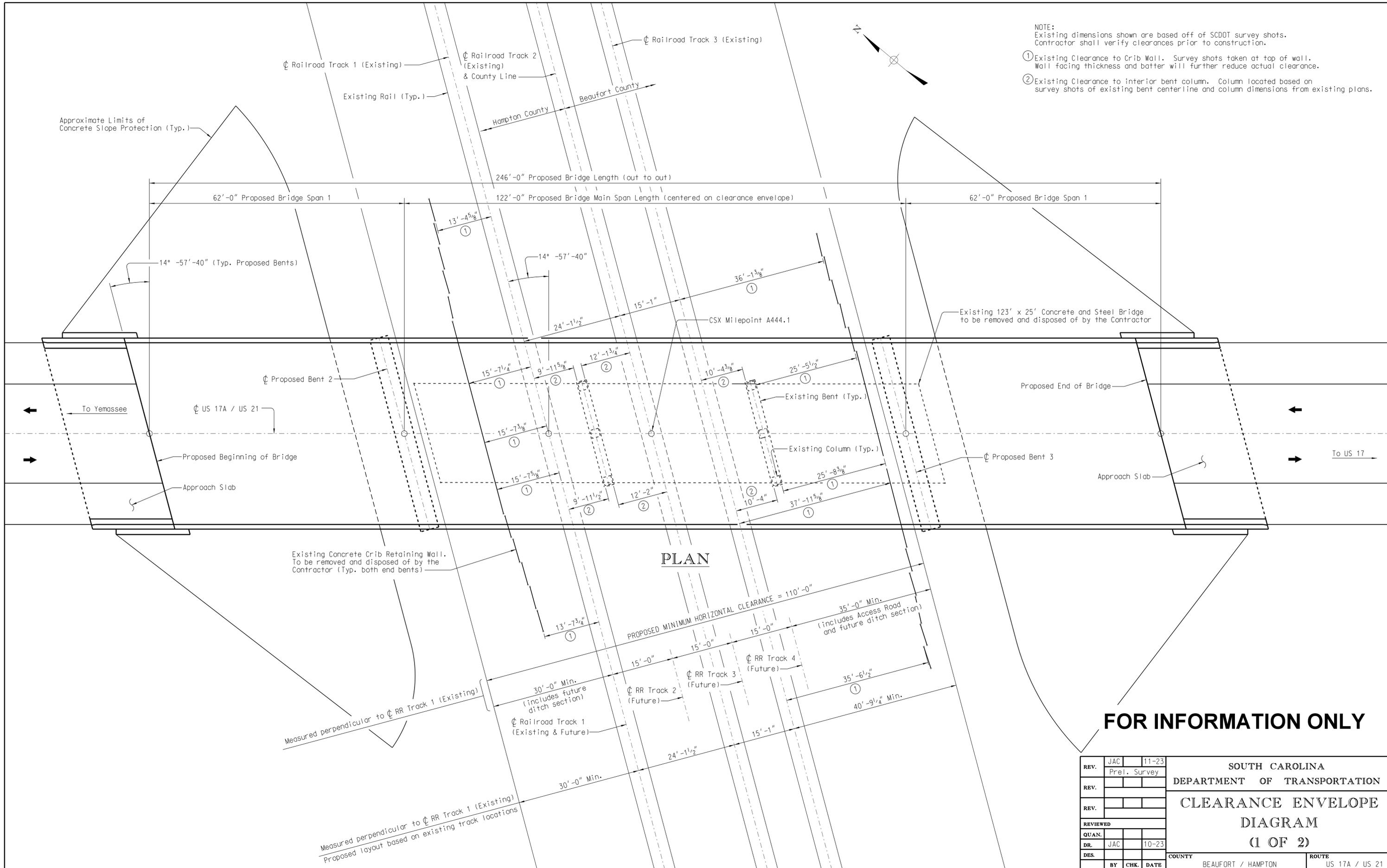


NOTE:
 Existing dimensions shown are based off of SCDOT survey shots.
 Contractor shall verify clearances prior to construction.

① Existing Clearance to Crib Wall. Survey shots taken at top of wall. Wall facing thickness and batter will further reduce actual clearance.

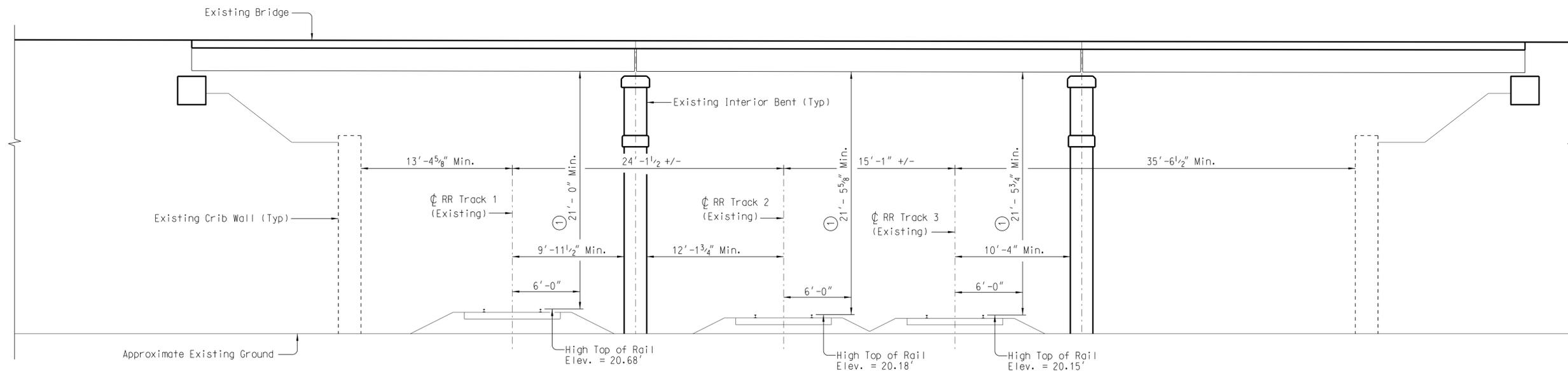
② Existing Clearance to interior bent column. Column located based on survey shots of existing bent centerline and column dimensions from existing plans.



PLAN

FOR INFORMATION ONLY

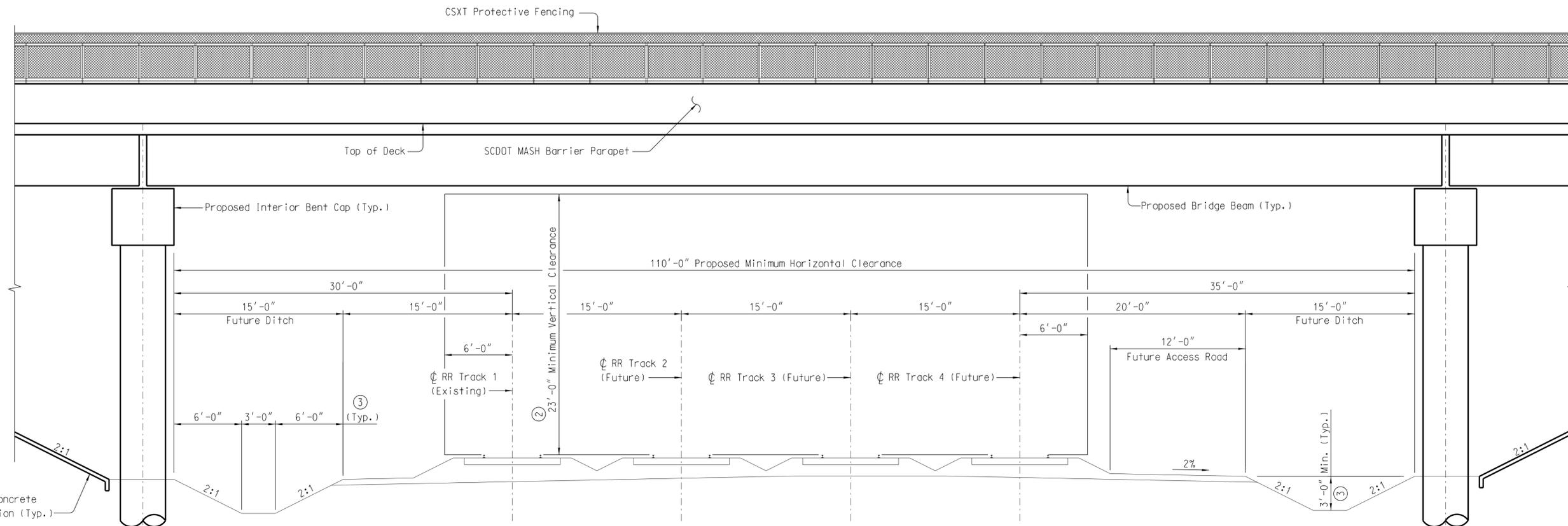
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|----------|--------------|-------|--|
| REV. | JAC | 11-23 | SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION |
| | Prel. Survey | | |
| REV. | | | |
| REV. | | | CLEARANCE ENVELOPE DIAGRAM (1 OF 2) |
| REVIEWED | | | |
| QUAN. | | | |
| DR. | JAC | 10-23 | |
| DES. | | | |
| BY | CHK. | DATE | COUNTY ROUTE |
| | | | BEAUFORT / HAMPTON US 17A / US 21 |



TRACK CROSS SECTION - EXISTING BRIDGE

Looking North Along ϕ Railroad Track
 All horizontal dimensions are shown perpendicular to the existing Track 1 centerline.

① Existing Minimum Vertical Clearance calculated using top of rail survey shots (and interpolating to determine high top of rail elevation at 6' horizontal offset from track centerline), top of grade survey shots along US 17A/US 21 centerline, and structure depth from existing bridge plans.



TYPICAL TRACK CROSS SECTION - PROPOSED BRIDGE & FUTURE TRACK CONFIGURATION

Looking North Along ϕ Railroad Track
 All horizontal dimensions are shown perpendicular to the existing Track 1 centerline.

- ② Minimum Vertical Clearance required, measured from top of high rail to lowest point of structure, in the horizontal clearance area that extends 6'-0" outside of, and perpendicular to, the centerline of outermost tracks. Designer shall provide surveyed top of rail elevations in the bridge plans. Contractor shall check top of rail elevations prior beginning construction to confirm minimum clearance requirement is met.
- ③ Future ditches are shown for reference. Positive existing ditch drainage shall be maintained.
- ④ Toe of concrete slope protection shall be located outside of main span interior bents.

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| REV. | JAC | 11-23 | SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION |
| REV. | Prel. Survey | | |
| REV. | | | CLEARANCE ENVELOPE DIAGRAM (2 OF 2) |
| REV. | | | |
| REVIEWED | | | COUNTY BEAUFORT / HAMPTON |
| QUAN. | | | |
| DR. | JAC | 10-23 | |
| DES. | | | |
| BY | CHK. | DATE | ROUTE US 17A / US 21 |