

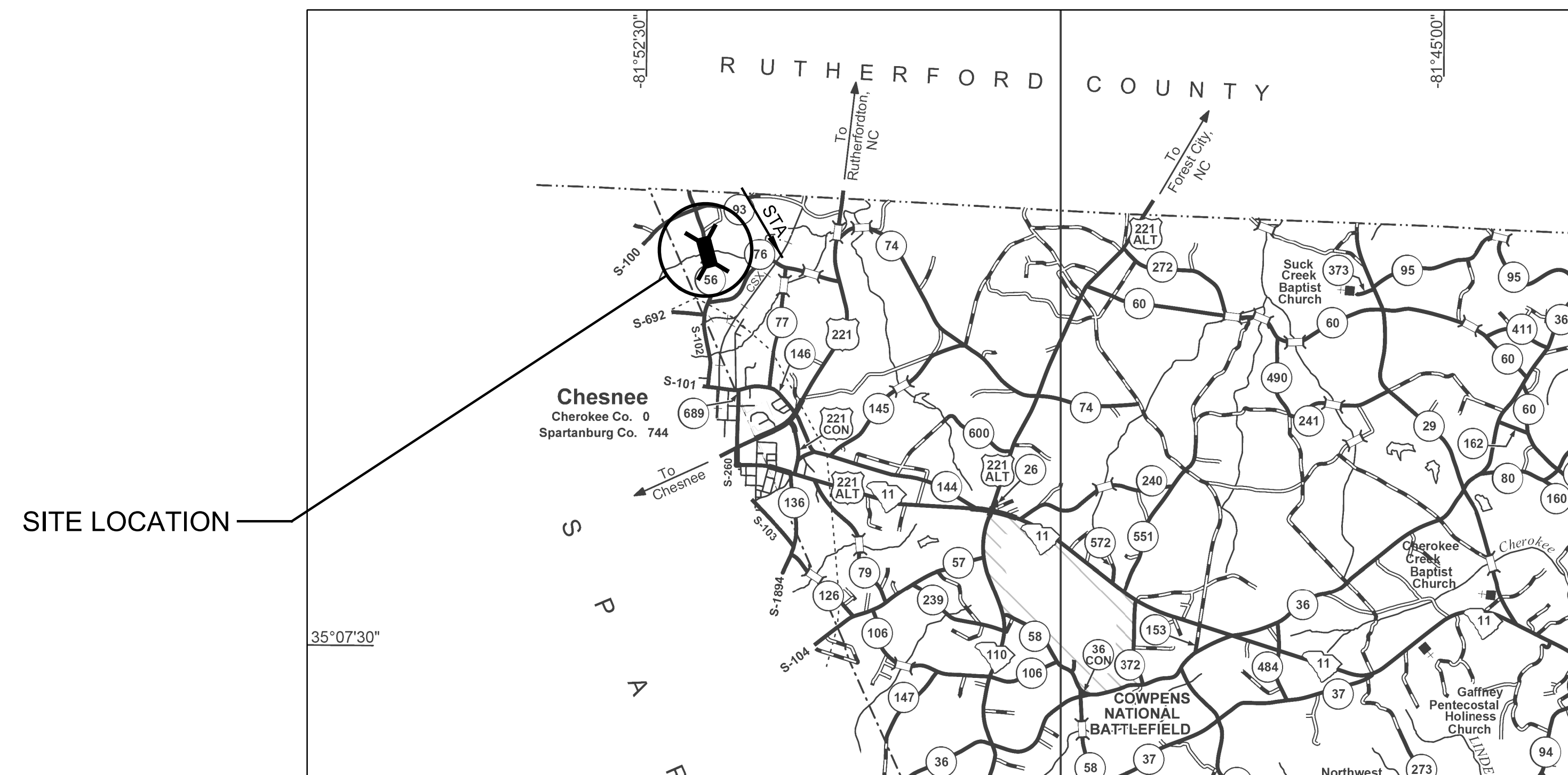


PROPOSED PLANS  
FOR  
CHEROKEE COUNTY  
PROJECT ID P041148  
STATE ROUTE S-11-56 (MONTGOMERY DRIVE)  
REPLACE BRIDGE OVER HORSE CREEK

Design Reference for these plans is the:

LVB

## Supplemental Design Criteria For Low Volume Bridge Replacement Projects



Approximate Location of Bridge is

Latitude 35°-10'-33"  
Longitude 81°-51'-55"

## SITE LOCATION

-N-

### 3 DAYS BEFORE DIGGING IN SOUTH CAROLINA

CALL 811

SOUTH CAROLINA 811 (SC811)  
WWW.SC811.COM  
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

ASSET ID NOT ASSIGNED

## TRAFFIC DATA

2020 ADT 375 V.P.D.

2040 ADT 480 V.P.D.

TRUCKS 5%

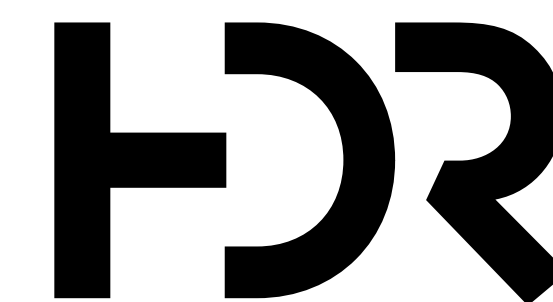
\*DESIGN TRAFFIC DATA

## LAYOUT

|                         |       |       |
|-------------------------|-------|-------|
| NET LENGTH OF ROADWAY   | 0.000 | MILES |
| NET LENGTH OF BRIDGES   | 0.009 | MILES |
| NET LENGTH OF PROJECT   | 0.009 | MILES |
| LENGTH OF EXCEPTIONS    | 0.000 | MILES |
| GROSS LENGTH OF PROJECT | 0.009 | MILES |

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

CONSULTING ENGINEERING FIRM



ENGINEER OF RECORD

**CONCEPTUAL  
PLANS  
NOT FOR  
CONSTRUCTION**

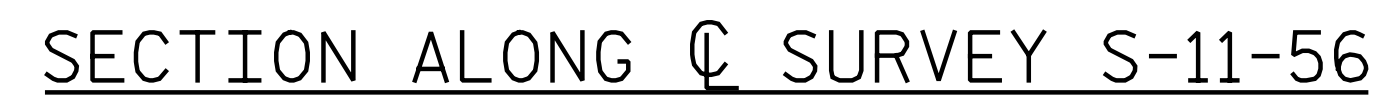
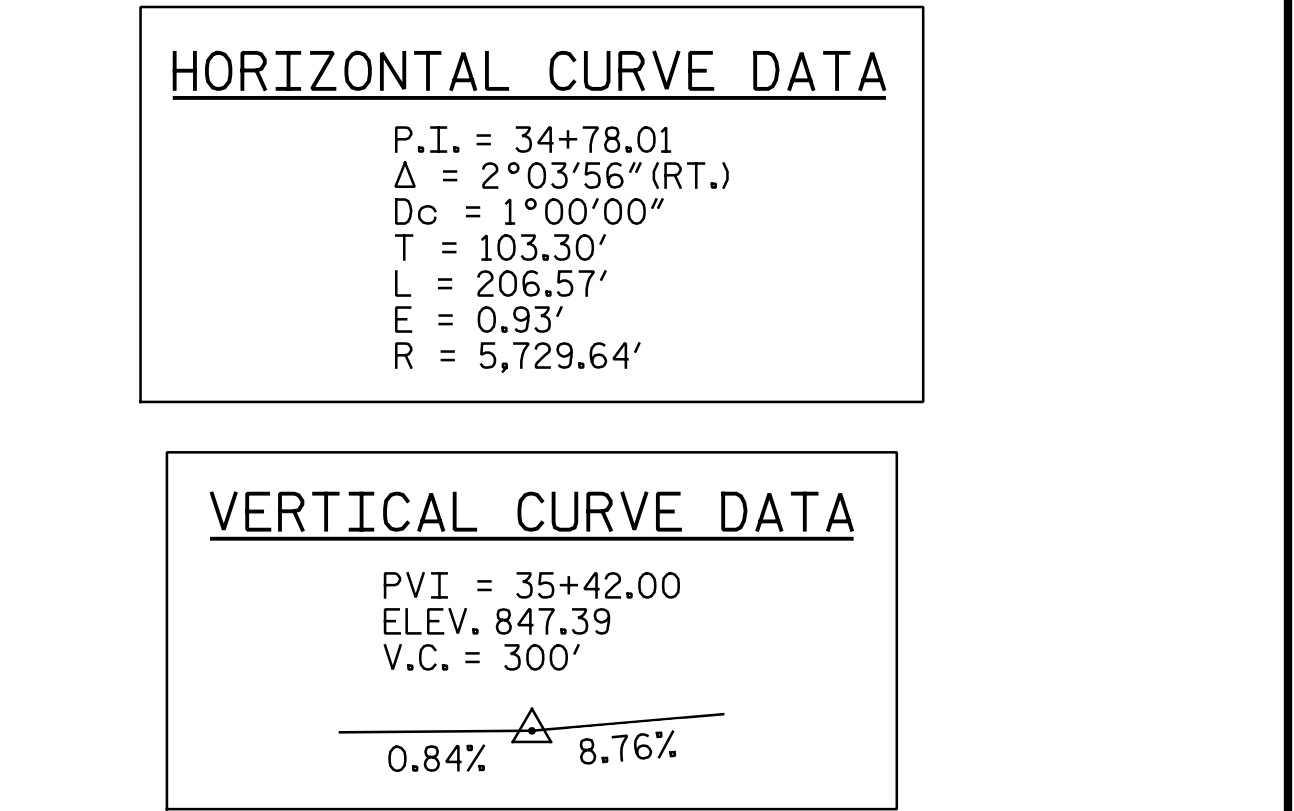
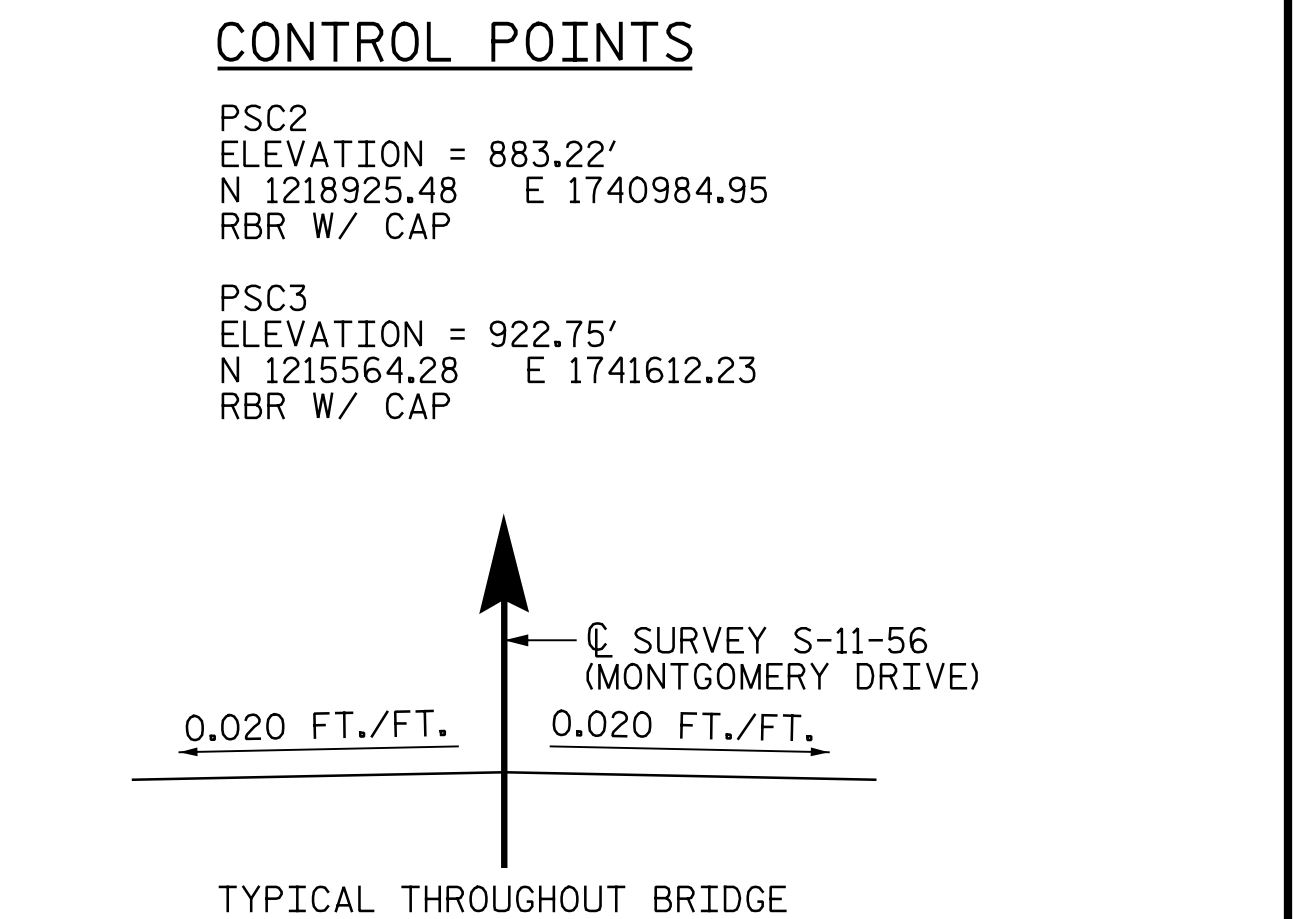
FOR CONSTRUCTION : \_\_\_\_\_ DATE \_\_\_\_\_

## INDEX OF SHEETS

1. TITLE SHEET
2. BRIDGE PLAN AND PROFILE
3. BRIDGE TYPICAL SECTION

|          |     |     |       |
|----------|-----|-----|-------|
| REVIEWED |     |     |       |
| DR.      | RAM | DJS | 05-22 |
|          | BY  | CHK | DATE  |

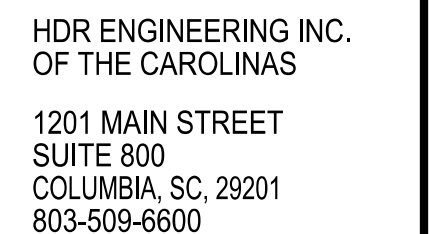
AZEITOUNI  
06-17-22  
bP041148-B01 ts.dgn



D.A. = 1.0 SQ. MILES  
Q<sub>.25</sub> = 526 CFS  
VELOCITY<sub>.25</sub> = 5.1 FPS  
AREA FURNISHED UNDER = 244 SQ. FT.  
OVERTOPPING FLOOD  
Q = 2,500 CFS  
PROBABILITY < 0.2%

|          |     |      |       |
|----------|-----|------|-------|
| REV.     |     |      |       |
| REV.     |     |      |       |
| REV.     |     |      |       |
| REVIEWED |     |      |       |
| QUAN.    |     |      |       |
| DR.      | RAM | AIZ  | 06-22 |
| DES.     |     |      |       |
|          | BY  | CHK. | DATE  |

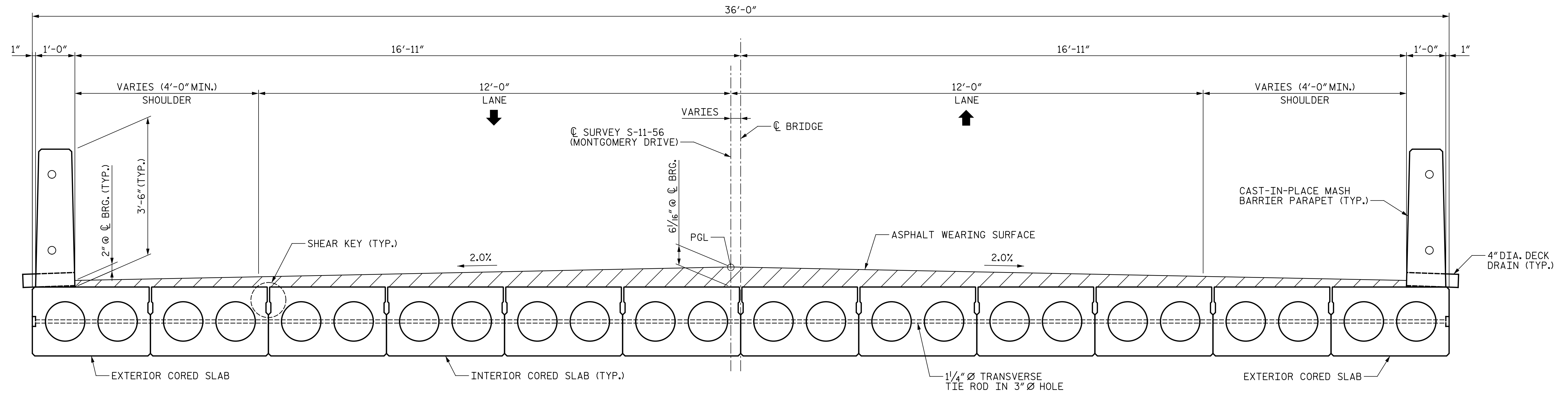
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CONSTRUCTION**



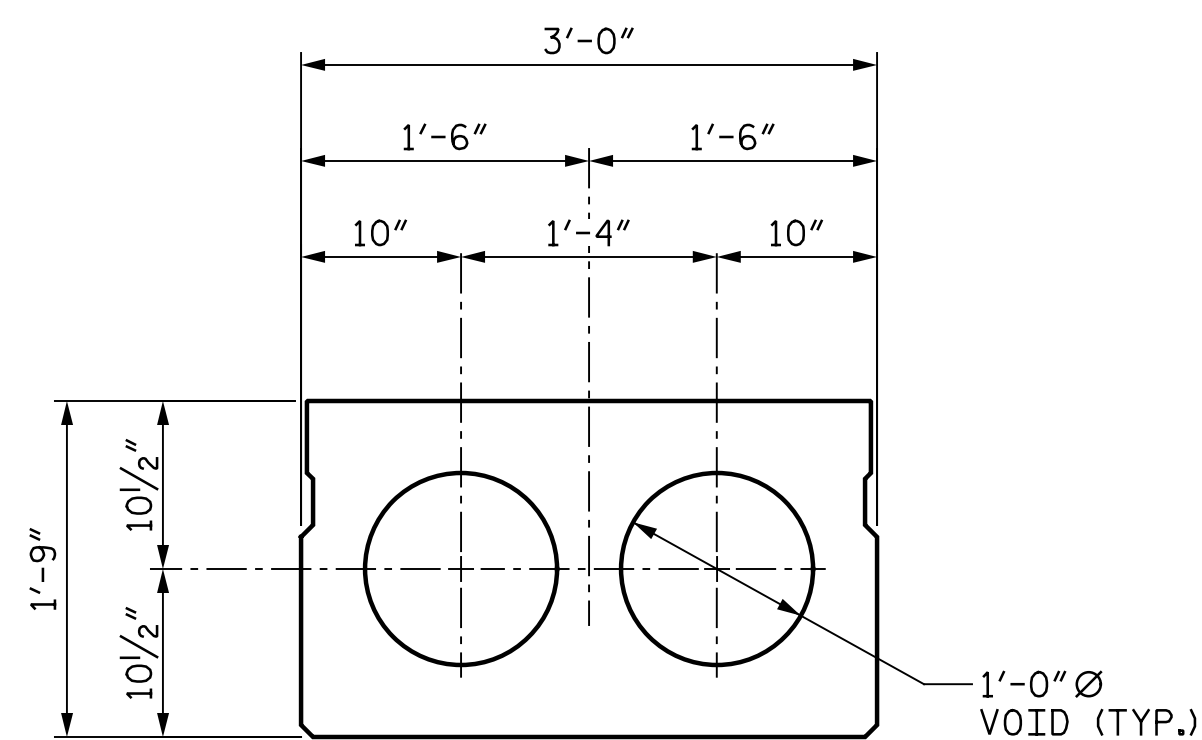
SOUTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

S-11-56 (MONTGOMERY DRIVE) BRIDGE REPLACEMENT  
OVER HORSE CREEK

|          |         |
|----------|---------|
| COUNTY   | ROUTE   |
| CHEROKEE | S-11-56 |



TYPICAL SECTION  
(LOOKING IN DIRECTION OF STATIONING)



### INTERIOR SLAB SECTION

|          |     |      |       |
|----------|-----|------|-------|
| REV.     |     |      |       |
|          |     |      |       |
| REV.     |     |      |       |
|          |     |      |       |
| REV.     |     |      |       |
|          |     |      |       |
| REVIEWED |     |      |       |
| QUAN.    |     |      |       |
| DR.      | RAM | AIZ  | 06-22 |
| DES.     |     |      |       |
|          | BY  | CHK. | DATE  |

## CONCEPTUAL PLANS

NOT FOR  
CONSTRUCTION



SOUTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

# BRIDGE TYPICAL SECTION

## S-11-56 (MONTGOMERY DRIVE) BRIDGE REPLACEMENT OVER HORSE CREEK

|          |         |
|----------|---------|
| COUNTY   | ROUTE   |
| CHEROKEE | S-11-56 |