

- INDEX OF SHEETS
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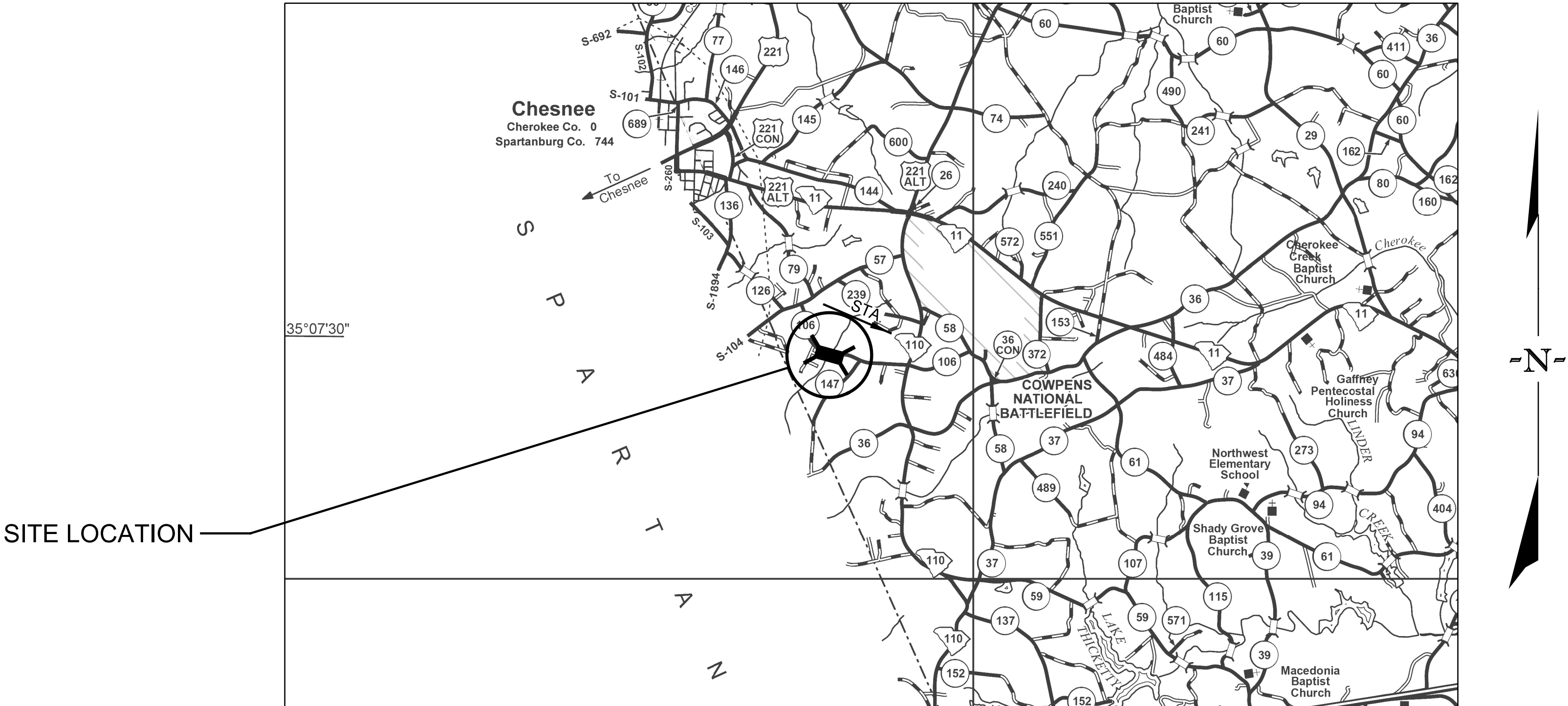


PROPOSED PLANS
FOR
CHEROKEE COUNTY
PROJECT ID P041149
STATE ROUTE S-11-106 (ISLAND CREEK ROAD)
REPLACE BRIDGE OVER BRANCH OF SUCK CREEK

Design Reference for these plans is the:

LVB

Supplemental Design Criteria For
Low Volume Bridge Replacement Projects



SITE LOCATION

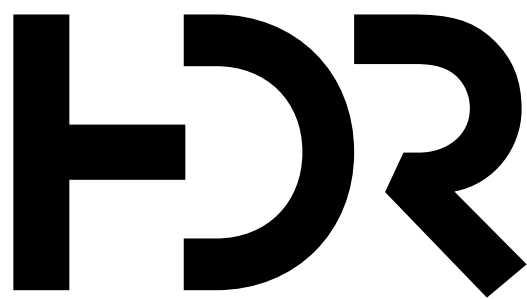
Approximate Location of Bridge is
Latitude 35°-07'-23" N
Longitude 81°-50'-02" W

LAYOUT

NET LENGTH OF ROADWAY	0.000	MILES
NET LENGTH OF BRIDGES	0.011	MILES
NET LENGTH OF PROJECT	0.011	MILES
LENGTH OF EXCEPTIONS	0.000	MILES
GROSS LENGTH OF PROJECT	0.011	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 _____

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

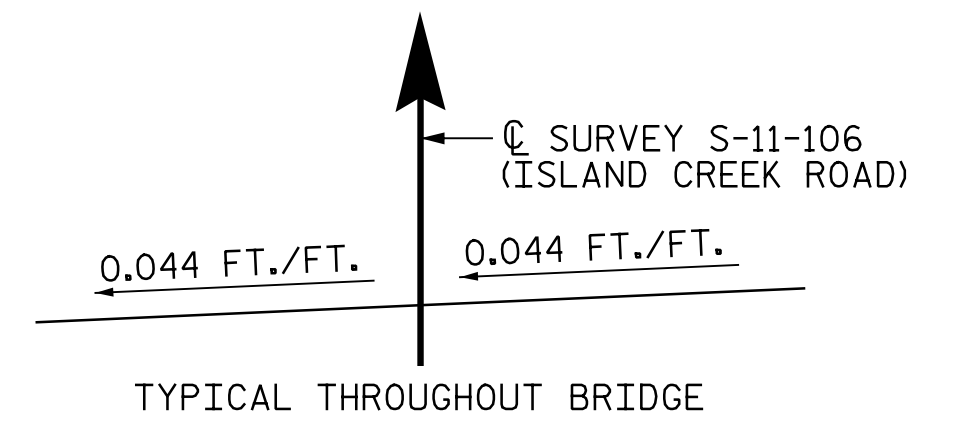
ASSET ID NOT ASSIGNED

TRAFFIC DATA

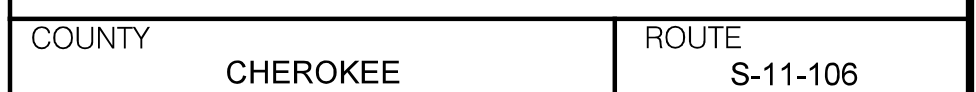
2020 ADT 225 V.P.D.
2040 ADT 329 V.P.D.
TRUCKS 8 %
*DESIGN TRAFFIC DATA

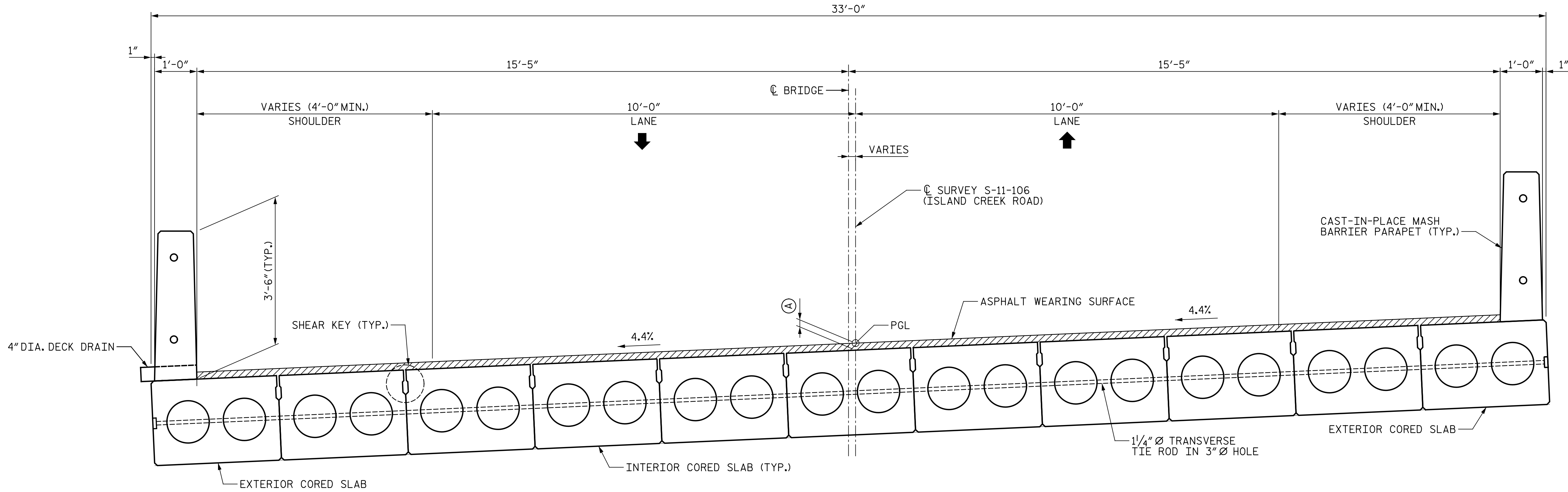
REVIEWED	DR.	RAM	JTE	06-22	DATE

AZEJFOUNI
06-20-22
BP041149-B01_is.dgn



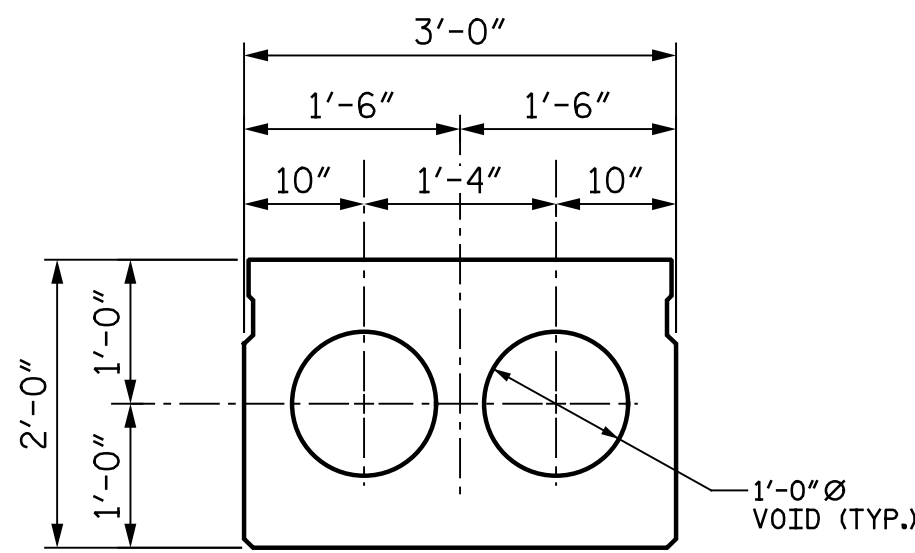
-6.52% \triangle 3.25%





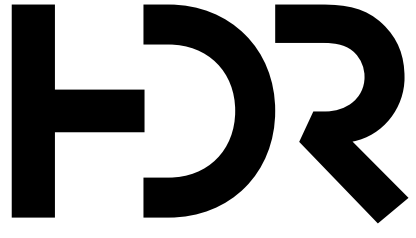
TYPICAL SECTION
(LOOKING IN DIRECTION OF STATIONING)

(A) DUE TO THE SAG VERTICAL CURVE AND BEAM CAMBER, THE OVERLAY THICKNESS WILL VARY ALONG THE LENGTH OF THE BRIDGE. THE MINIMUM OVERLAY THICKNESS SHALL BE 2". DESIGNER TO ACCOUNT FOR THE ADDITIONAL NON-UNIFORM DEAD LOAD FROM THE VARYING OVERLAY THICKNESS. DESIGNER SHALL VERIFY THAT A MINIMUM DISTANCE OF 36" BETWEEN THE RIDING SURFACE AND TOP OF BARRIER IS MAINTAINED THROUGHOUT THE BRIDGE.



INTERIOR SLAB SECTION

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

CONCEPTUAL PLANS		HDR ENGINEERING INC. OF THE CAROLINAS 1201 MAIN STREET SUITE 800 COLUMBIA, SC, 29201 803-509-6600	
		SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	
NOT FOR CONSTRUCTION		BRIDGE TYPICAL SECTION	
		S-11-106 (ISLAND CREEK ROAD) BRIDGE REPLACEMENT OVER BRANCH OF SUCK CREEK	
		COUNTY CHEROKEE	ROUTE S-11-106