

**BRIDGE DESIGN MEMORANDUM – DM0214**

**TO:** RPG Structural Engineers  
Design Consultants

**DATE:** March 18, 2014

**RE:** Revised Labeling of Bridge Plans

With the implementation of the new Project Programming System (P2S), the Department has begun assigning a Project ID to each project. The Project ID replaces the File Number that the Department has historically used for project identification.

Include the Project ID in the title information on the title sheet of the bridge plans and include a Bridge Plans ID on each sheet of the plans. The Bridge Plans ID consists of the seven-digit Project ID that is generated by P2S followed by a dash and then the suffix B01. On projects with multiple sets of bridge plans, the suffix is increased by one (i.e. B02, B03, etc.) on subsequent sets of plans.

The *SCDOT Bridge Drawings and Details* will be updated to reflect this new plans identification policy. In the title information of the title sheet, File Number will be replaced with Project ID. In the upper right corner of the sheet, the PCN block will be replaced with a Bridge Plans ID block. The File Number block in the title block of the standard drawing border sheet will be removed and a Bridge Plans ID block will be placed in the upper right corner of the sheet. The Total Sheets block will be removed from both the title sheet and the standard drawing border sheet.

In addition to the new project identification changes indicated above, a new information block has been added in the lower left corner of the title sheet. For plans of replacement bridges, include the Asset ID of the existing bridge in this block. For new bridges that are not replacing existing bridges, an Asset ID will not be available at the time of plans production. In this case, insert "Not Assigned" in the block.

Attached are templates of the title sheet and standard border sheet that show the changes. Effective with the June 2014 Letting, ensure that all bridge plans include the new Project ID labels. For plan sets that have already been printed and signed, create a new title sheet in accordance with this memo. All other sheets may be corrected by carefully and legibly hand



writing the Bridge Plans ID in the upper right corner of the sheet. If sheets are corrected in this manner, update all CADD files so future prints will have the correct information on the sheet.

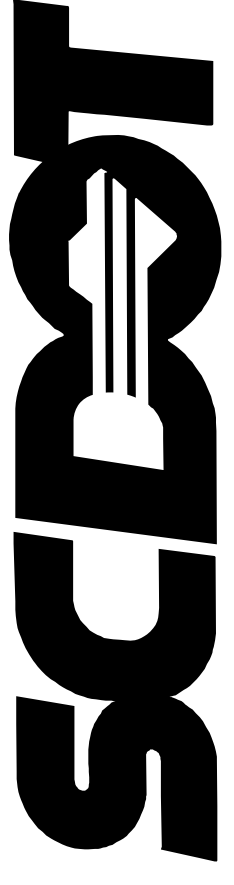
A Contract ID is also generated by P2S when a project is added to a letting. When multiple projects are combined into a single contract, each of the projects will share the same Contract ID. Do not add the Contract ID to the plans. Before the plans are uploaded into the Department's Plans Library system, the Engineering Reproduction Services office will place a Contract ID watermark stamp on the electronic copy of the title sheet of each set of plans.

*Original Signed by James W. Kendall, Jr.  
on March 18, 2014*

James W. Kendall, Jr., P.E.  
Preconstruction Support Engineer

JWK:afg  
Attachments  
ec: Bridge Construction Engineer  
Bridge Maintenance Engineer  
FHWA Structural Engineer  
File:PC/BWB

Preconstruction Support Managers  
Regional Production Engineers  
RPG Design Managers



South Carolina Department of Transportation

# PROPOSED PLANS FOR

# COUNTY PROJECT ID ROUTE REPLACE BRIDGE OVER

### INDEX OF SHEETS

- Title Sheet
- Summary of Estimated Quantities
- General Notes
- General Details
- Reinforcing Bending Details

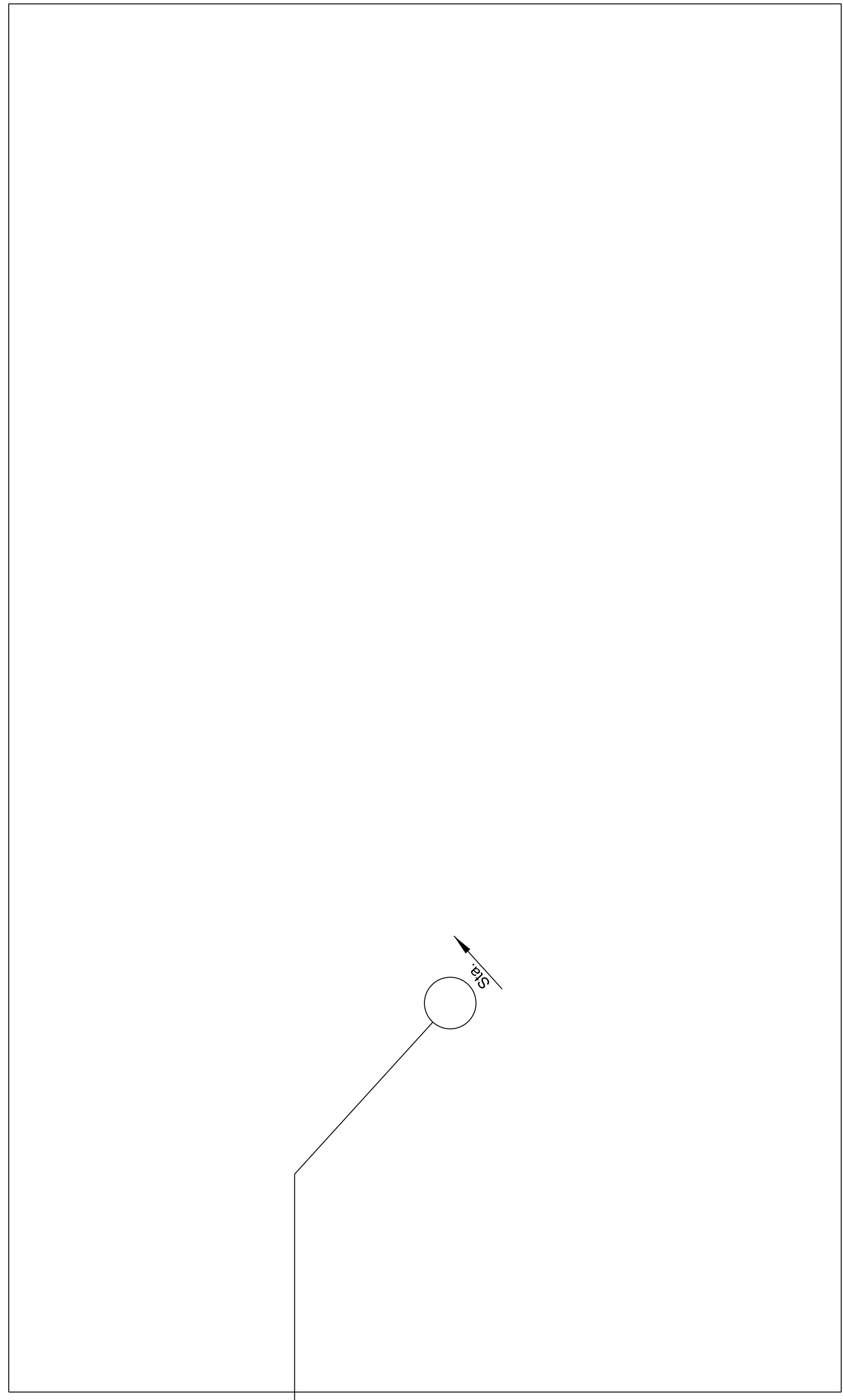
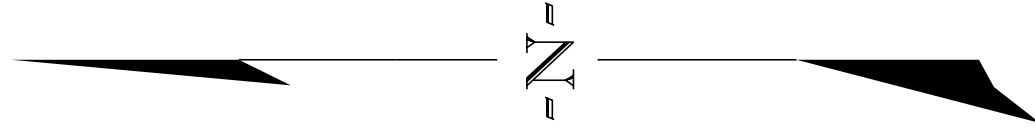
Note to Designer:  
 Consultant to provide contact information for review of shop plans, including mailing address and telephone number of office responsible for review of shop plans.

Submit Shop Plans to:  
 Insert Name of Consulting Firm  
 Insert Mailing Address  
 Telephone: (XXX) XXX-XXXX

Approximate Location of Bridge is  
 Latitude XX° XX' - XX"  
 Longitude XX° XX' - XX"

FOR CONSTRUCTION	
INITIAL	DATE
PRECONSTRUCTION SUPPORT - ROAD	
PRECONSTRUCTION SUPPORT - STRUCTURES	
RPG - DESIGN MANAGER	
RPG - PROGRAM MANAGER	

THE INITIALS ABOVE DO NOT RELIEVE THE ENGINEER OF RECORD OF THE RESPONSIBILITY TO DESIGN THIS PROJECT IN ACCORDANCE WITH ALL APPLICABLE CRITERIA.



SITE LOCATION

### LAYOUT

NET LENGTH OF ROADWAY	X.XXX	MILES
NET LENGTH OF BRIDGES	X.XXX	MILES
NET LENGTH OF PROJECT	X.XXX	MILES
LENGTH OF EXCEPTIONS	X.XXX	MILES
GROSS LENGTH OF PROJECT	X.XXX	MILES

Note to Designer:  
 If plans are for a replacement bridge, insert the Asset ID of the existing bridge. For new bridges insert "Not Assigned".

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 \_\_\_\_\_ XXXX \_\_\_\_\_

TRAFFIC DATA  
 \_\_\_\_\_ XXXX ADT \_\_\_\_\_ XXXX V.P.D.  
 \_\_\_\_\_ XXXX ADT \_\_\_\_\_ XXXX V.P.D.  
 TRUCKS \_\_\_\_\_ XX \_\_\_\_\_ %;

CONSULTING ENGINEERING FIRM

ENGINEER OF RECORD

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

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.

REVIEWED	XXX
DR.	XXX
BY	CHK
DATE	XX-XX

