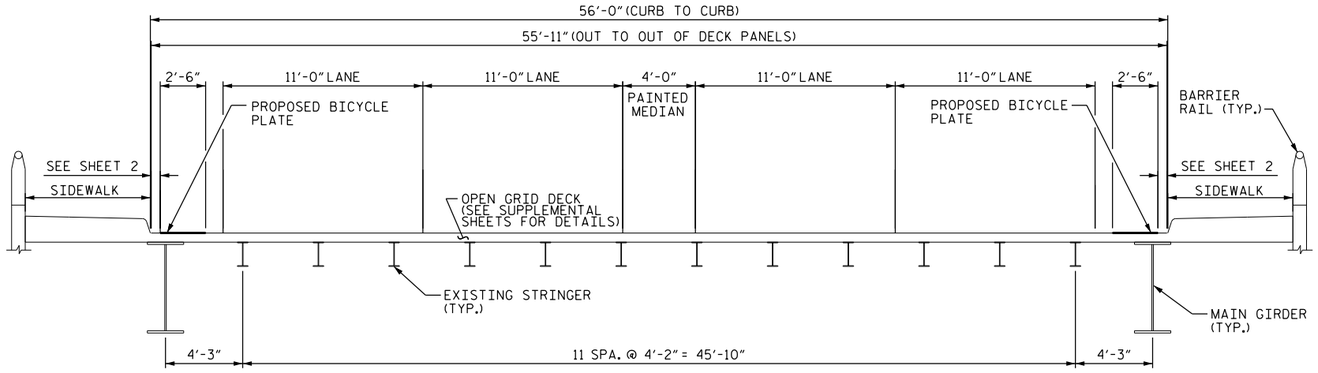
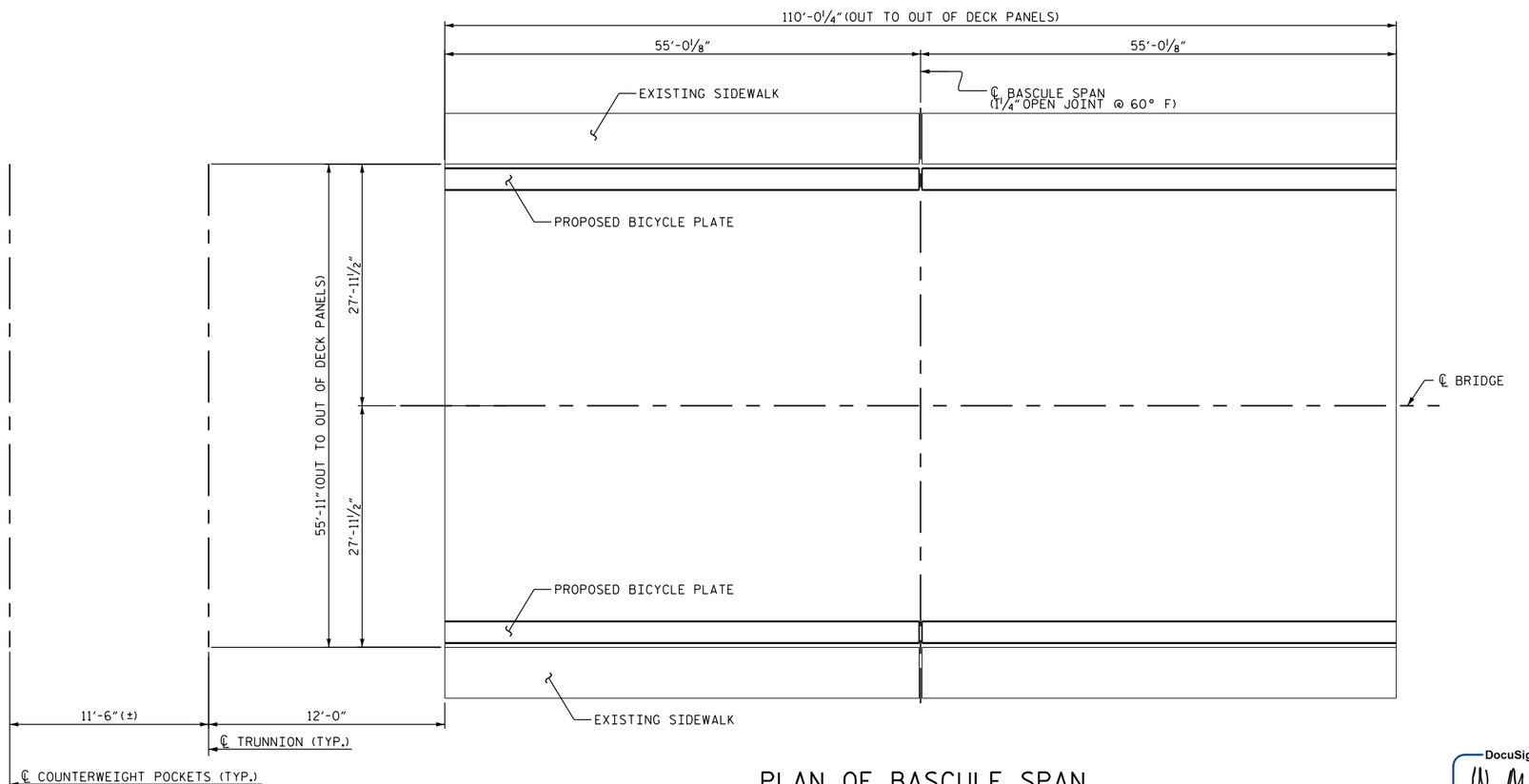


TYPICAL SECTION



PLAN OF BASCULE SPAN

* RAILING NOT SHOWN FOR CLARITY

GENERAL NOTES

EXISTING DIMENSIONS AND BRIDGE CONDITIONS ARE FROM BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER.

THE CONTRACTOR IS RESPONSIBLE FOR FINAL FASTENER LAYOUT AND SPACING. THE SHOP DRAWINGS FOR THE EXISTING BRIDGE DECK ARE ATTACHED AS A SUPPLEMENTAL TO THE STRUCTURE PLANS. PRIOR TO FABRICATION, THE ENGINEER WILL APPROVE ATTACHMENT DETAILS.

IT IS RECOMMENDED THAT DETAILED FIELD MEASUREMENTS BE TAKEN TO DETERMINE THE EXACT LOCATIONS OF GRID DECK PANELS PRIOR TO FABRICATION.

NO PERMANENT ATTACHMENT TO EXISTING GRID DECK OR STRUCTURAL STEEL WILL BE ALLOWED. ANY DAMAGE TO THE EXISTING STRUCTURE WILL BE REPAIRED AT NO EXPENSE TO THE DEPARTMENT.

THE CONTRACTOR SHALL INSTALL FASTENERS TO ALIGN WITH THE PATTERN IN THE EXISTING OPEN GRID DECKING.

FOR BICYCLE PLATE DETAILS SEE SHEET S-2.

PRIOR TO BICYCLE PLATE INSTALLATION, RAISED STUDS ON GRID DECKING SHALL BE GROUND OFF TO PROVIDE A SMOOTH SURFACE FOR PLATE INSTALLATION. THE COATING ON GROUND AREAS SHALL BE REPAIRED IN ACCORDANCE WITH SECTION 1076-7 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL INSTALL BICYCLE PLATES OF SUFFICIENT LENGTH TO LIMIT THE NUMBER OF PLATES AND JOINTS REQUIRED ALONG THE SPAN. EACH PLATE'S LENGTH SHALL AT A MINIMUM EXTEND THE FULL WIDTH OF THE EXISTING OPEN GRID DECK PANEL.

FOR MAINTAINING BALANCE OF THE BASCULE SPAN, SEE SPECIAL PROVISION.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REQUIREMENTS.

FOR MAINTENANCE OF WATER TRAFFIC, SEE SPECIAL PROVISIONS.

FOR WORK IN, OVER OR ADJACENT TO NAVIGABLE WATERS, SEE SPECIAL PROVISIONS.

FOR COORDINATION WITH THE U.S. COAST GUARD, SEE SPECIAL PROVISIONS.

FOR BICYCLE PLATES, SEE SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL

MOBILIZATION	BICYCLE PLATES	COUNTERWEIGHT POCKET ORGANIZATION	ADDITIONAL COUNTERWEIGHT
LUMP SUM	LUMP SUM	LUMP SUM	LBS.
LUMP SUM	LUMP SUM	LUMP SUM	15,600

PROJECT NO. W-5601CK
NEW HANOVER COUNTY
BRIDGE NO. 12

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BICYCLE PLATE

DocuSigned by:
W. Matthew Clarke
1EB20097EAAF437...

NORTH CAROLINA PROFESSIONAL SEAL 40257 ENGINEER W. MATTHEW CLARKE

1/13/2016

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			2

DRAWN BY : W.M. CLARKE DATE : 11/15
CHECKED BY : G. DICKEY DATE : 11/15

13-JAN-2016 10:44
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