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PROJECT: BP-5500GG

CONTRACT:



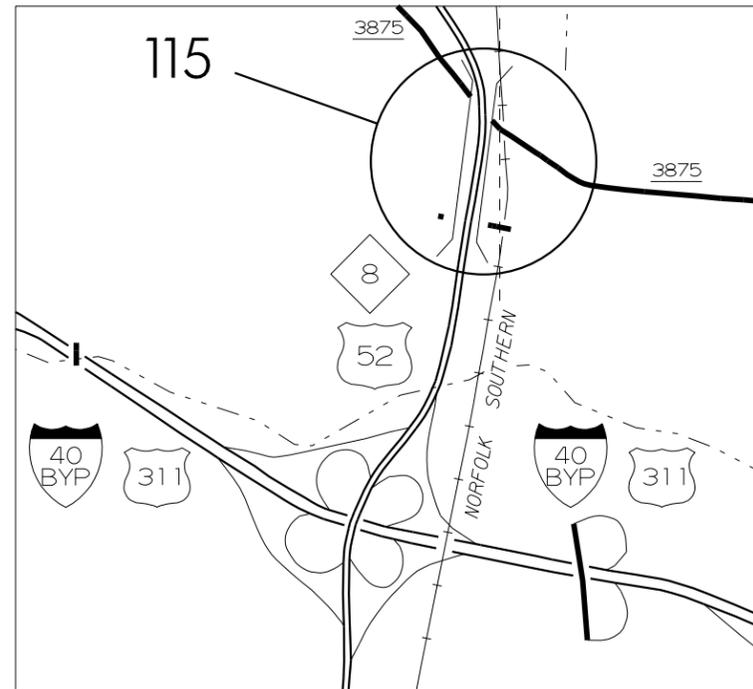
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

FORSYTH COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BP-5500GG	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50070.1.1		P.E.	
50070.3.33		CONST.	

LOCATION: BRIDGE #115 ON US 52 /US 311 OVER SR 4315.

TYPE OF WORK: BRIDGE PRESERVATION - CLEANING AND PAINTING OF EXISTING BRIDGE SUPERSTRUCTURE



DESIGN DATA
BRIDGE # 115 - ADT - 60,000

PROJECT LENGTH
BRIDGE # 115 - 0.17 MILE

Prepared in the Office of:
**DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**
STRUCTURES MANAGEMENT UNIT
1000 BIRCH RIDGE DR. RALEIGH, N.C. 27610

J. M. BAILEY, P.E.
PROJECT ENGINEER

2012 STANDARD SPECIFICATIONS

LETTING DATE:
SEPTEMBER 23, 2015

DocuSigned by:



6/5/2015

FARZIN ASEFNIA, P.E.
PROJECT DESIGN ENGINEER

PROJECT: BP-5500GG

CONTRACT:

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

FORSYTH COUNTY

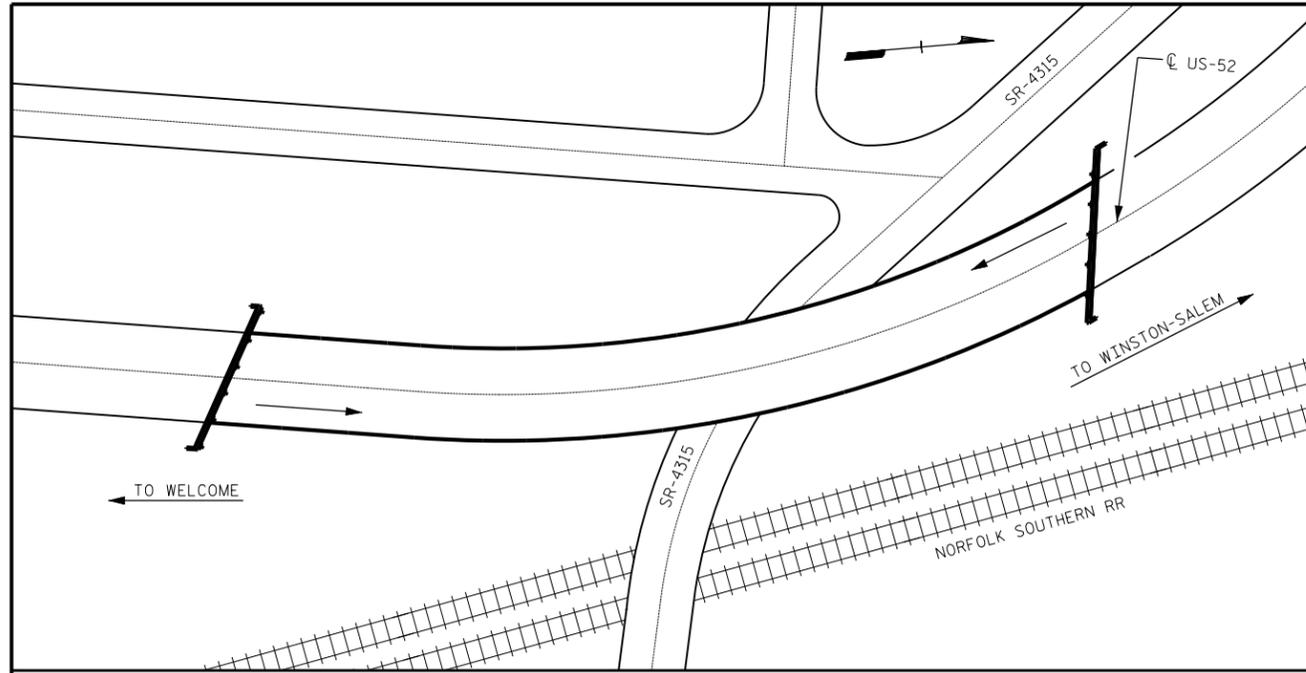
LOCATION: BRIDGE #115 ON US 52 /US 311 OVER SR 4315.

TYPE OF WORK: BRIDGE PRESERVATION - CLEANING AND PAINTING OF EXISTING
BRIDGE SUPERSTRUCTURE

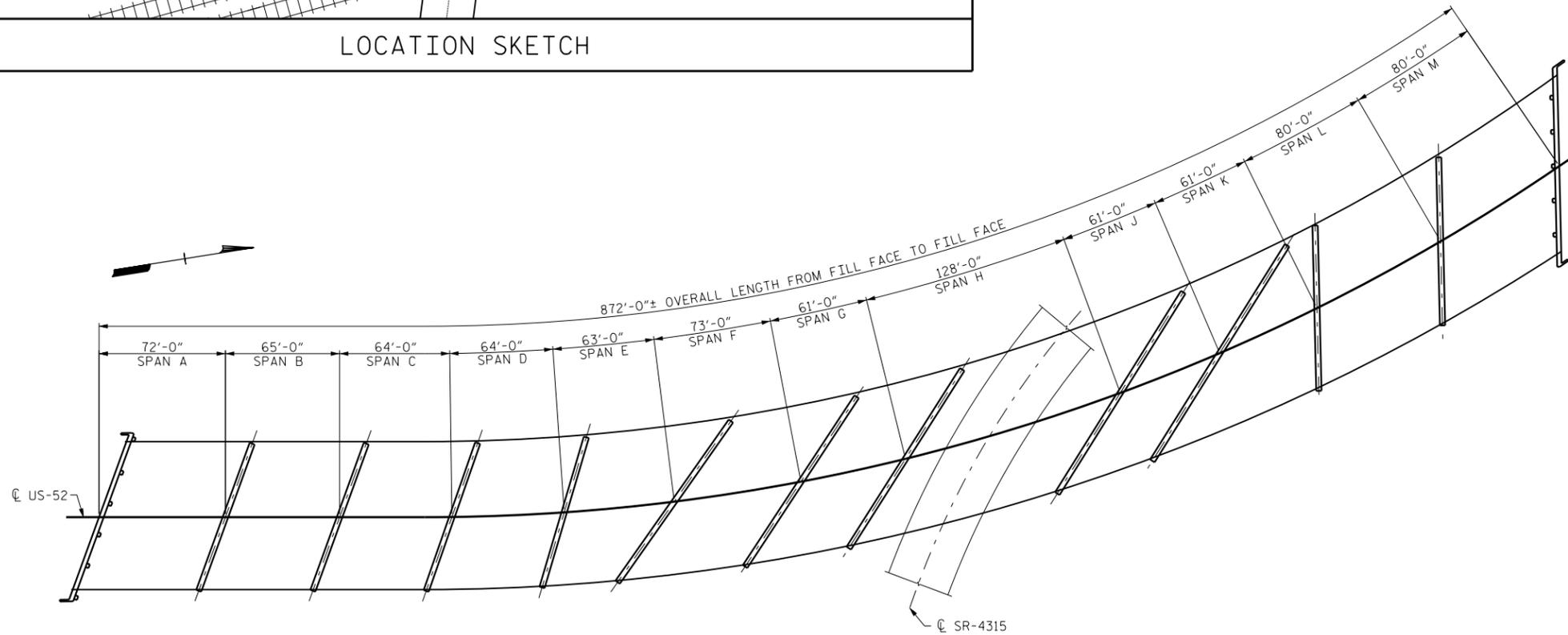
INDEX OF SHEETS

<i>1</i>	<i>TITLE SHEET</i>
<i>1A</i>	<i>INDEX OF SHEETS</i>
<i>S-1, S-2</i>	<i>STRUCTURES</i>

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BP-5500GG	1A	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50070.1.1		P.E.	
50070.3.33		CONST.	



LOCATION SKETCH



PLAN

GENERAL NOTES

INFORMATION INDICATED ON THE LOCATION SKETCH SHALL BE CONSIDERED GENERAL INFORMATION ONLY. CONTRACTOR SHALL CONFIRM, THROUGH OTHER SOURCES, SPECIFIC INFORMATION REGARDING THE BRIDGES, ROADWAYS, UTILITIES, THE SURROUNDING AREA, AND ANY OTHER ASPECTS THAT MAY BE NECESSARY TO PERFORM AND COMPLETE THE PROJECT.

EXISTING DIMENSIONS AND BRIDGE CONDITION 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.

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

FOR CLEANING AND PAINTING EXISTING STRUCTURE, SEE SPECIAL PROVISIONS.

AFTER PAINTING OF ALL STRUCTURAL STEEL SUPERSTRUCTURE COMPONENTS HAVE BEEN COMPLETED, AN EPOXY PROTECTIVE COATING SHALL BE APPLIED TO THE TOP SURFACE OF ALL BENT CAPS IN ACCORDANCE WITH THE PROJECT SPECIAL PROVISIONS.

FOR CONTROL OF TRAFFIC AND LIMITS ON PHASING OF CONSTRUCTION, SEE TRANSPORTATION MANAGEMENT PLANS.

PROJECT NO. BP-5500GG
FORSYTH COUNTY
 BRIDGE NO.: 115

SHEET 1 OF 1

TOTAL BILL OF MATERIAL			
POLLUTION CONTROL	CLEANING AND REPAINTING OF BRIDGE #115	PAINTING CONTAINMENT FOR BRIDGE #115	EPOXY COATING
LUMP SUM	LUMP SUM	LUMP SUM	SO. FT.
LUMP SUM	LUMP SUM	LUMP SUM	3,344

DocuSigned by:
Farzin Asefnia
 ENGINEER
 STATE OF NORTH CAROLINA
 PROFESSIONAL SEAL
 20103
 FARZIN ASEFNIA

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

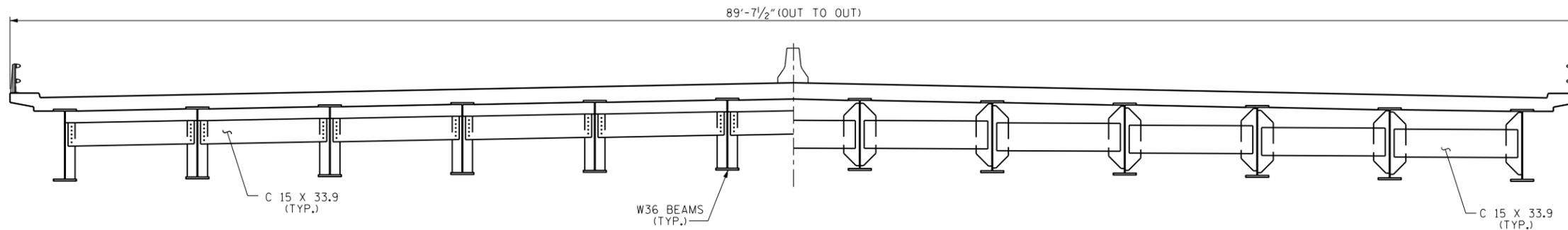
GENERAL DRAWING

FOR BRIDGE OVER SR 4315
 ON US 52/ US 331 BETWEEN
 I-40 AND US-158

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

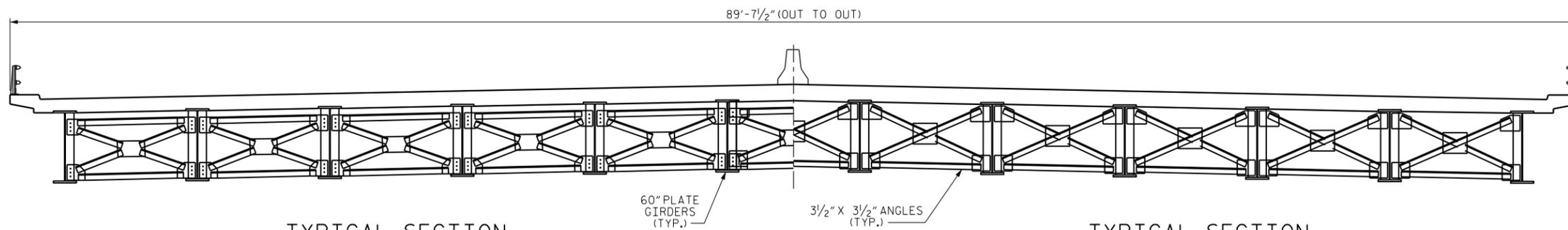
DRAWN BY : M. WELDON DATE : 04/2015
 CHECKED BY : F. ASEFNIA DATE : 04/2015

6/3/2015



TYPICAL SECTION
BENT DIAPHRAGMS
SPANS A-G & SPANS J-M

TYPICAL SECTION
INTERMEDIATE DIAPHRAGMS
SPANS A-G & SPANS J-M



TYPICAL SECTION
BENT DIAPHRAGMS
SPAN H

TYPICAL SECTION
INTERMEDIATE DIAPHRAGMS
SPAN H

PROJECT NO. BP-5500GG
FORSYTH COUNTY
BRIDGE NO. 115

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
TYPICAL SECTIONS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO.					S-2
TOTAL SHEETS					2

DocuSigned by:
Farzin Asefnia
E06B...
STATE OF NORTH CAROLINA
PROFESSIONAL ENGINEER
SEAL
20103
FARZIN ASEFNIA

DRAWN BY : J.P. ADAMS DATE : 5/20/15
CHECKED BY : F. ASEFNIA DATE : 5/20/15

25-AUG-2015 10:55
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fasefnia

8/26/2015

