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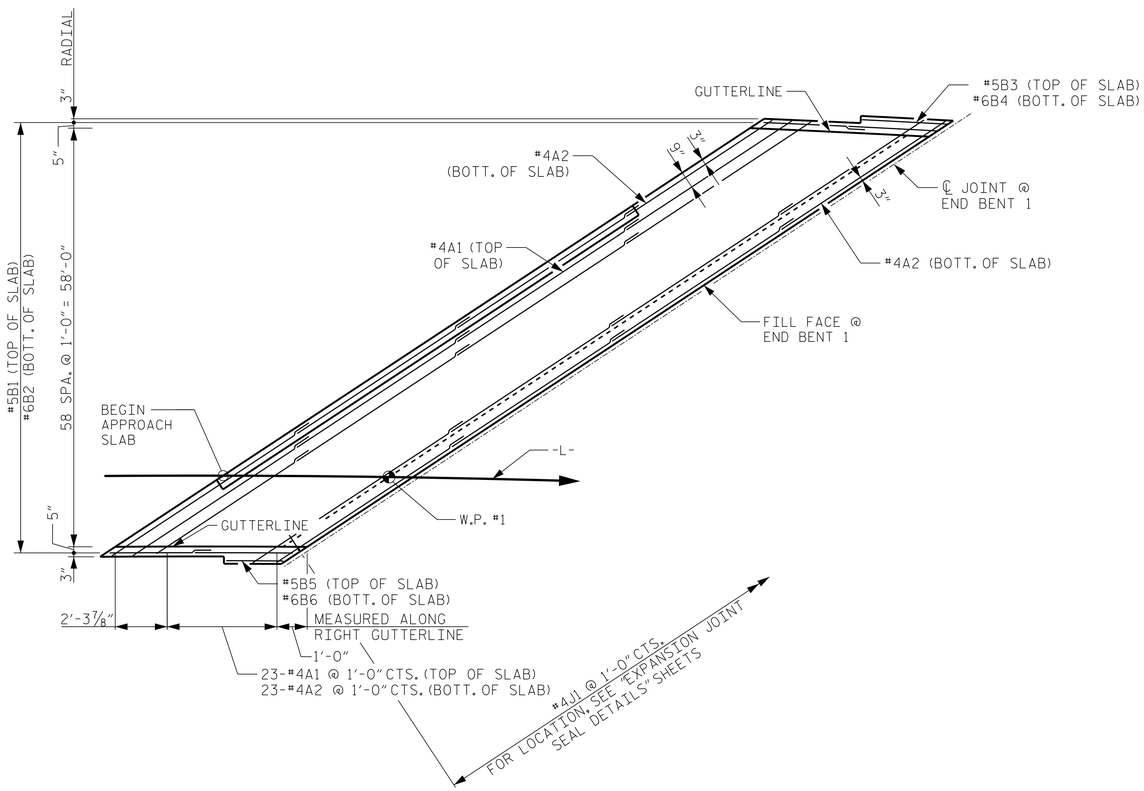
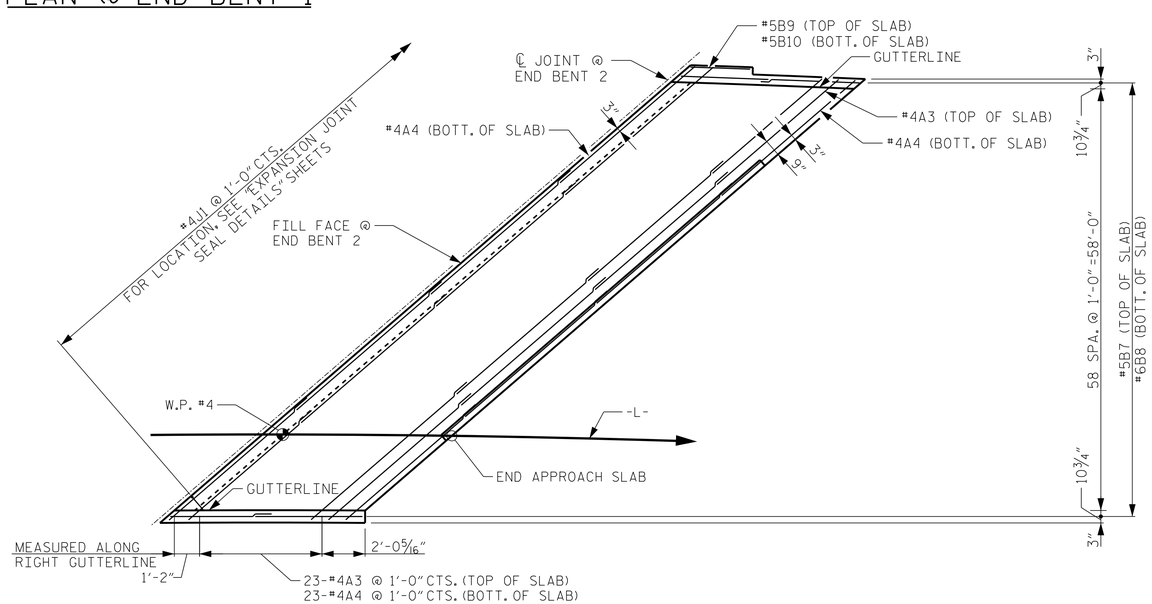
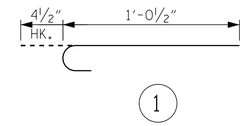


PLAN @ END BENT 1



PLAN @ END BENT 2

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL
APPROACH SLAB AT EB #1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	96	4	STR	28'-0"	1,796
A2	100	4	STR	27'-10"	1,859
* B1	122	5	STR	13'-8"	1,739
B2	122	6	STR	13'-8"	2,504
* B3	1	5	STR	11'-6"	12
B4	1	6	STR	11'-6"	17
* B5	1	5	STR	7'-4"	8
B6	1	6	STR	7'-4"	11
* J1	101	4	1	1'-5"	96

REINFORCING STEEL 4,391 LBS.
* EPOXY COATED REINFORCING STEEL 3,651 LBS.
CLASS AA CONCRETE 64.0 C.Y.

BILL OF MATERIAL
APPROACH SLAB AT EB #2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A3	96	4	STR	24'-6"	1,571
A4	100	4	STR	24'-4"	1,625
* B7	122	5	STR	14'-6"	1,845
B8	122	6	STR	14'-6"	2,657
* B9	1	5	STR	8'-0"	8
B10	1	6	STR	8'-0"	12
* J1	88	4	1	1'-5"	83

REINFORCING STEEL 4,294 LBS.
* EPOXY COATED REINFORCING STEEL 3,507 LBS.
CLASS AA CONCRETE 65.1 C.Y.

NOTES

#4A1 & #4A2 ARE 4 BAR RUNS.

#5B1 & #6B2 ARE 2 BAR RUNS.

#4A3 & #4A2 ARE 4 BAR RUNS.

#5B7 & #6B8 ARE 2 BAR RUNS.

FOR #4J1 SPACING, SEE "EXPANSION JOINT SEAL DETAILS" SHEET.

SPLICE LENGTHS

BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"
#5	2'-6"	2'-2"
#6	3'-10"	2'-7"

PROJECT NO. B-5119
GUILFORD COUNTY
STATION: 26+31.94 -L-
16+43.93 -Y1-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BRIDGE APPROACH SLAB
FOR FLEXIBLE PAVEMENT

NORTH CAROLINA PROFESSIONAL SEAL 12186 ENGINEER CECIL L. NARRON

DocuSigned by: Cecil L. Narron C169A3D645024D0... 11/3/2014

Kimley»Horn
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Phone (919) 835-1494
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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-45
1			3			TOTAL SHEETS
2			4			77

DRAWN BY: J. I. KIMBLE DATE: 10/14
CHECKED BY: J. C. WILSON DATE: 10/14
DESIGN ENGINEER OF RECORD: C.L. NARRON DATE: 10/14

10/31/2014 K:\RDT_Structures_Bridge\NC\01036186_B-5119 I40-85 Bridges\Cad\dgn\B-5119_349_S45.dgn