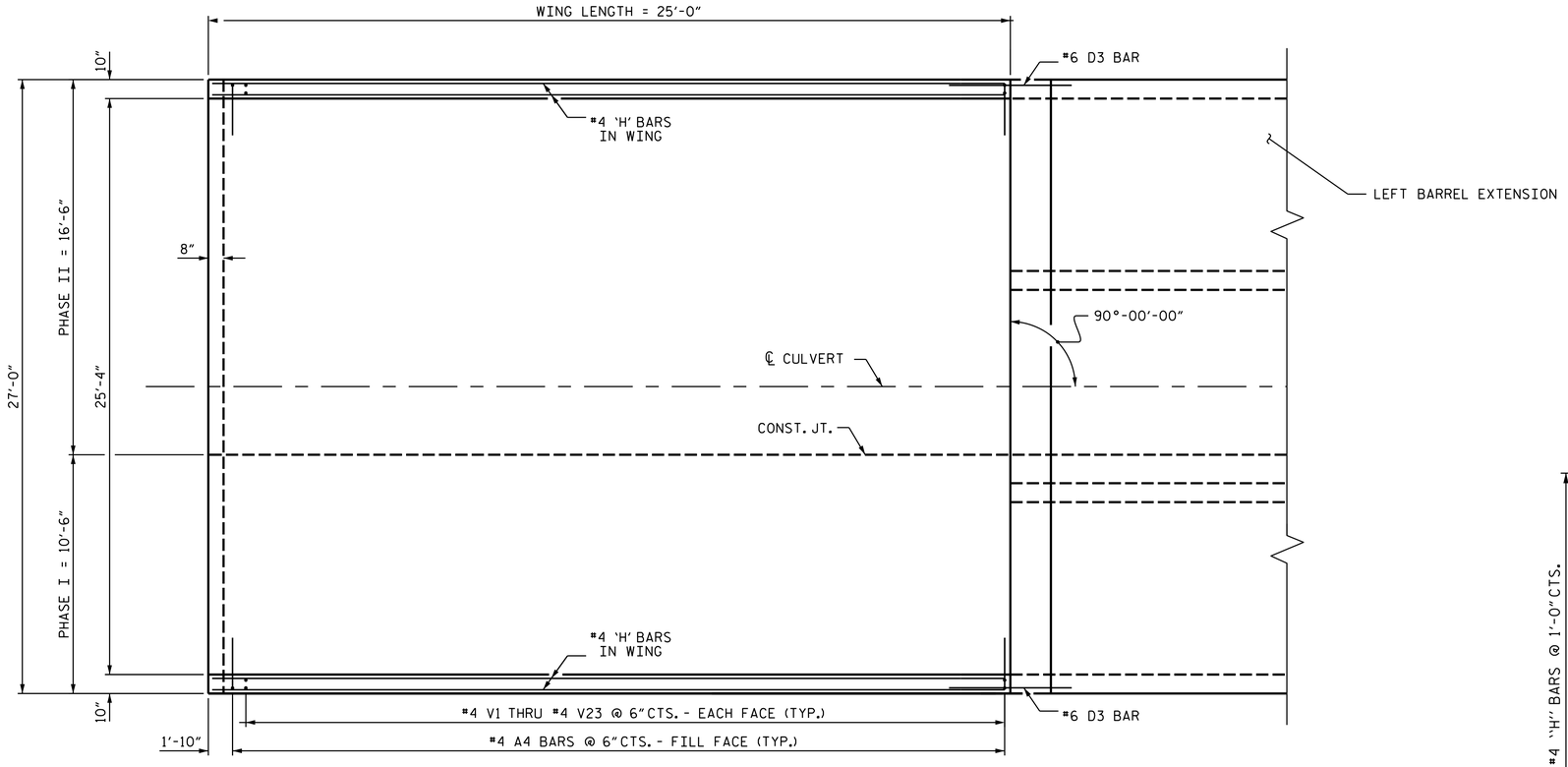
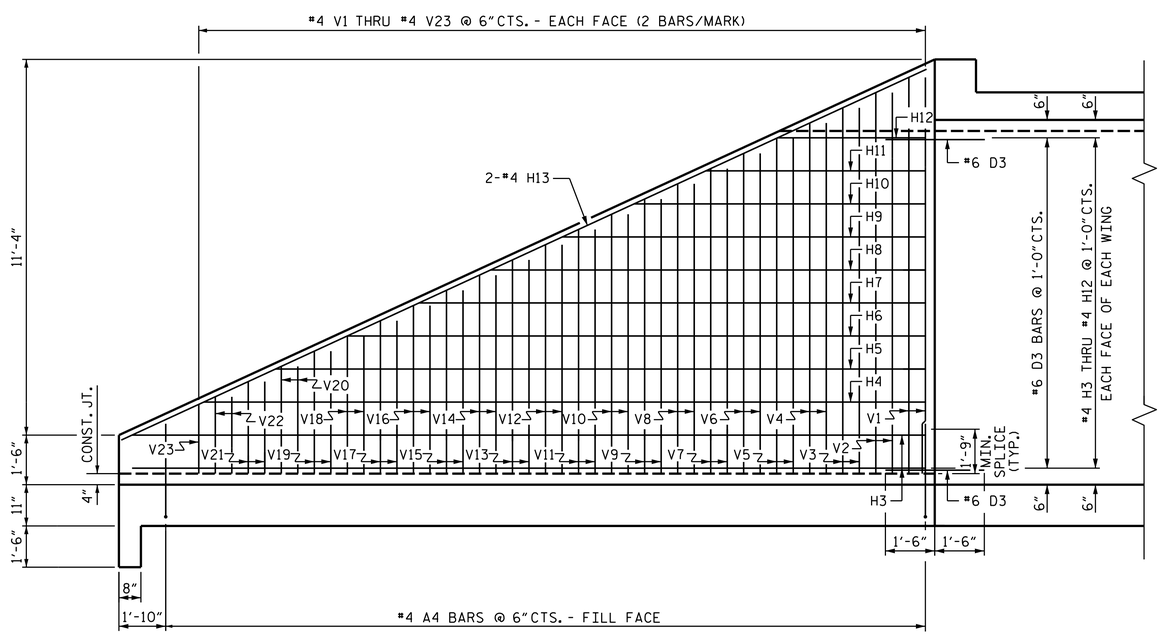
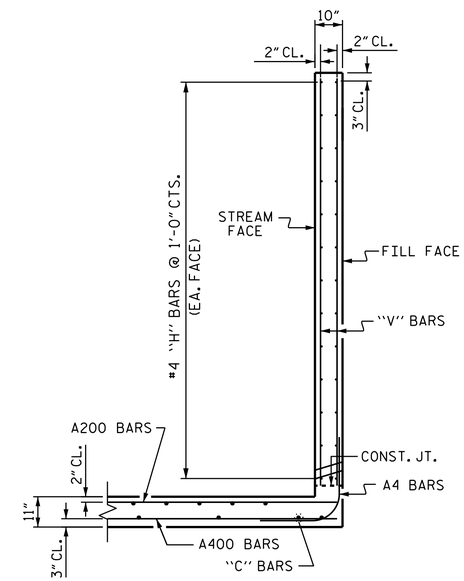


PLAN - OUTLET WINGS



OUTLET WING SECTION NORMAL TO ROADWAY



TYPICAL WING SECTION

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H3	8	#4	STR	24'-5"	130
H4	4	#4	STR	22'-2"	59
H5	4	#4	STR	20'-0"	53
H6	4	#4	STR	17'-9"	47
H7	4	#4	STR	15'-7"	42
H8	4	#4	STR	13'-4"	36
H9	4	#4	STR	11'-2"	30
H10	4	#4	STR	8'-11"	24
H11	4	#4	STR	6'-9"	18
H12	4	#4	STR	4'-7"	12
H13	4	#4	STR	27'-1"	72
V1	8	#4	STR	11'-10"	63
V2	8	#4	STR	11'-4"	61
V3	8	#4	STR	10'-11"	58
V4	8	#4	STR	10'-5"	56
V5	8	#4	STR	10'-0"	53
V6	8	#4	STR	9'-7"	51
V7	8	#4	STR	9'-1"	49
V8	8	#4	STR	8'-8"	46
V9	8	#4	STR	8'-2"	44
V10	8	#4	STR	7'-9"	41
V11	8	#4	STR	7'-3"	39
V12	8	#4	STR	6'-10"	37
V13	8	#4	STR	6'-4"	34
V14	8	#4	STR	5'-11"	32
V15	8	#4	STR	5'-6"	29
V16	8	#4	STR	5'-0"	27
V17	8	#4	STR	4'-7"	24
V18	8	#4	STR	4'-1"	22
V19	8	#4	STR	3'-8"	20
V20	8	#4	STR	3'-2"	17
V21	8	#4	STR	2'-9"	15
V22	8	#4	STR	2'-4"	12
V23	4	#4	STR	2'-1"	6

REINFORCING STEEL FOR 2 WINGS 1,359 LBS

CLASS A CONCRETE

2 WINGS & FLOOR SLAB	34.0 CY
1 HEADWALL	1.3 CY
1 END CURTAIN WALL	1.0 CY
2 EDGE BEAMS	5.2 CY
TOTAL	41.5 CY

PROJECT NO. R-2519B

MITCHELL COUNTY

STATION: 319+76.16 -L-

SHEET 6 OF 13

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

WINGS FOR CONCRETE BOX CULVERT LEFT EXTENSION

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. CHEEK, JR.

8/27/2014 Marshall G. Cheek, Jr.

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-46
1			3			TOTAL SHEETS
2			4			87

DRAWN BY : M.A. LEBLANC DATE : 10/13
CHECKED BY : M.G. CHEEK DATE : 10/13
DESIGN ENGINEER OF RECORD: J.R. MCROY DATE : 10/13

$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

STR#10