

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: U-5302

COUNTY: Wake

DATE: 1/14/2026

COMPILED BY: IWB

SHEET __ OF __ SHEETS

ALN	STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE					
			TOTAL UNCLASS.	ROCK	UNDERCUT	UNUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNUIT.	TOTAL		
L-LT																		
	36+00.00	52+00.00	520				520	1,502		1,502	1,802	1,282						
	52+00.00	70+50.00	812				812	2,511		2,511	3,013	2,201						
	70+50.00	86+00.00	2,257				2,257	678		678	814			1,443			1,443	
	86+00.00	93+50.00	259			32	227	1,388		1,388	1,666	1,439				32		32
	93+50.00	100+51.89	459			129	330	127		127	152				178	129		307
		SUBTOTAL	4,307			161	4,146	6,206		6,206	7,447	4,922			1,621	161		1,782
L-RT																		
	36+00.00	52+00.00	1,889			524	1,365	985		985	1,182				183	524		707
	52+00.00	70+50.00	1,758				1,758	801		801	961				797			797
	70+50.00	86+00.00	331				331	1,794		1,794	2,153	1,822						
	86+00.00	93+50.00	452			86	366	580		580	696	330				86		86
	93+50.00	97+20.00	145			65	80	41		41	49				31	65		96
		SUBTOTAL	4,575			675	3,900	4,201		4,201	5,041	2,152			1,010	675		1,685
Y2	10+00.00	11+46.63	118				118	9		9	11				107			107
Y3	10+53.65	23+50.00	1,590				1,590	1,347		1,347	1,616	26						
Y3A	10+24.28	13+90.00	425				425	184		184	221				204			204
Y4	10+56.37	13+50.00	12				12	396		396	475	463						
Y5	10+60.00	12+52.44	96				96	267		267	320	224						
Y6	10+53.50	12+30.00	204				204	5		5	6				198			198
Y7	10+53.50	11+30.00	10				10	12		12	14	4						
Y8	10+52.89	11+70.00	7				7	20		20	24	17						
Y9	10+49.41	11+70.00	101				101	9		9	11				90			90
DR1	10+30.00	11+18.07	25				25								25			25
		SUBTOTAL	2,588				2,588	2,249		2,249	2,698	735			624			624
		TOTAL	11,470			836	10,634	12,656		12,656	15,186	7,809			3,256	836		4,091
		MATERIAL FOR SHOULDER CONSTRUCTION						320		320	384	384						
		LOSS DUE TO CLEARING & GRUBBING	-1,200				-1,200					1,200						
		WASTE IN LIEU OF BORROW										-3,256			-3,256			-3,256
		PROJECT TOTAL	10,270			836	9,434	12,976		12,976	15,570	6,136				836		835
		EST. 5% TO REPLACE TOP SOIL ON BORROW PIT										307						
		GRAND TOTAL	10,270			836	9,434	12,976		12,976	15,570	6,442				836		835
		SAY	10,300									6,500						

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY THE ROADWAY DESIGN UNIT. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.

EST. SELECT GRANULAR MATERIAL = 300 CUBIC YARDS
 EST. UNDERCUT CONTINGENCY = 300 CUBIC YARDS
 EST. SHALLOW UNDERCUT BY STATIONS = 6,200 CUBIC YARDS
 EST. SHALLOW UNDERCUT CONTINGENCY = 1,000 CUBIC YARDS
 TOTAL SHALLOW UNDERCUT = 7,200 CUBIC YARDS