

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: U-3609B

COUNTY: Wayne

DATE: 12/2/2025

COMPILED BY: AGI

SHEET_1_ OF _2_ SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL
PHASE I															
14+05.00 -L- LT01	15+50.00														
10+45.00 -Y1- RT01	19+50.00	73				73	456		456	570	497				
	SUBTOTAL	73				73	456		456	570	497				
14+05.00 -L- RT01	15+50.00	7				7	2		2	3			5		5
19+50.00 -Y1- RT02	23+50.00	81				81	21		21	26			55		55
	SUBTOTAL	88				88	23		23	28			60		60
15+50.00 -L- LT02	45+50.00	400				400	2,259		2,259	2,824	2,424				
10+45.00 -Y1- LT01	19+50.00	72				72	494		494	618	546				
11+70.00 -Y3-	12+69.62	30				30	72		72	90	60				
11+70.00 -Y4-	12+65.75	44				44	15		15	19			25		25
12+10.00 -Y7-	12+65.75	19				19	26		26	33	14				
	SUBTOTAL	565				565	2,866		2,866	3,582	3,042		25		25
15+50.00 -L- RT02	45+50.00	363				363	3,098		3,098	3,873	3,510				
19+50.00 -Y1- LT02	23+50.00	31				31	97		97	121	90				
10+34.25 -Y5-	11+20.00	32				32	51		51	64	32				
10+34.25 -Y6-	11+60.00	9				9	43		43	54	45				
10+34.25 DWY1	10+75.00	7				7	58		58	73	66				
	SUBTOTAL	442				442	3,347		3,347	4,183	3,741				
45+50.00 -L- LT03	75+50.00	3,598			49	3,549	6,248		6,248	7,810	4,261			49	49
11+50.00 -Y8-	12+65.75	323				323	6		6	8			316		316
10+90.00 -Y10- RT	13+60.16	868			409	459	11		11	14			445	409	854
	SUBTOTAL	4,789			458	4,331	6,265		6,265	7,831	4,261		760	458	1,218
45+50.00 -L- RT03	75+50.00	135			25	110	7,489		7,489	9,361	9,251			25	25
10+34.94 -Y9A-	10+85.00	9				9	13		13	16	7				
10+35.52 -Y9B-	11+00.00	9				9	16		16	20	11				
10+39.84 -Y11- RT01	28+00.00	500				500	1,119		1,119	1,399	899				
	SUBTOTAL	653			25	628	8,637		8,637	10,796	10,168			25	25
75+50.00 -L- LT04	105+50.00	467			13	454	5,086		5,086	6,358	5,904			13	13
10+90.00 -Y10- LT	13+60.16	542			262	280	4		4	5			275	262	537
10+70.00 -Y14-	11+59.06	46				46	20		20	25			21		21
	SUBTOTAL	1,055			275	780	5,110		5,110	6,387	5,903		296	275	571
75+50.00 -L- RT04	105+50.00	419			77	342	10,750		10,750	13,438	13,096			77	77
10+39.84 -Y11- LT01	16+75.00	117				117	835		835	1,044	927				
10+12.02 -Y12- LT01	12+00.00	8				8	387		387	484	476				
10+12.02 -Y12- RT01	14+95.13	135				135	365		365	456	321				
16+75.00 -Y11- LT02	28+00.00	71				71	2,168		2,168	2,710	2,639				
	SUBTOTAL	750			77	673	14,505		14,505	18,131	17,458			77	77

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY STANTEC. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY FALCON ENGINEERING.

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SHEET 2 OF 2 SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNSUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +25%		ROCK	SUITABLE	UNSUIT.	TOTAL
PHASE I CONTINUED															
105+50.00 -L- LT05	125+00.00	36			1	35	4,029		4,029	5,036	5,001			1	1
SUBTOTAL		36			1	35	4,029		4,029	5,036	5,001			1	1
105+50.00 -L- RT05	125+00.00	169			24	145	4,050		4,050	5,063	4,918			24	24
10+36.21 -Y15-	11+50.00	25				25	59		59	74	49				
SUBTOTAL		194			24	170	4,109		4,109	5,136	4,966			24	24
10+25.00 -Y20- LT01	17+50.00	280				280	645		645	806	526				
10+00.00 -Y19- RT01	13+79.15	179				179	46		46	58			122		122
17+50.00 -Y20- LT02	24+22.73	587				587	163		163	204			383		383
10+00.00 -Y19- LT01	13+79.15	180				180	28		28	35			145		145
10+25.00 -Y20- RT01	24+22.73	984				984	587		587	734			250		250
SUBTOTAL		2,210				2,210	1,469		1,469	1,836	526		900		900
PHASE II															
12+00.00 -Y12- LT02	14+95.13	73				73	68		68	85	12				
12+00.00 -Y13-	13+35.00	6				6	115		115	144	138				
28+50.00 -Y13-	29+20.00	6				6	3		3	4			2		2
SUBTOTAL		85				85	186		186	232	149		2		2
PHASE III															
22+00.00 -L- MD_01	25+00.00	17				17	125		125	156	139				
30+50.00 -L- MD_02	31+00.00	3				3	24		24	30	27				
36+50.00 -L- MD_03	40+50.00	8				8	212		212	265	257				
50+50.00 -L- MD_04	54+50.00						407		407	509	509				
80+50.00 -L- MD_05	84+50.00	7				7	383		383	479	472				
93+50.00 -L- MD_06	98+00.00	7				7	509		509	636	629				
103+00.00 -L- MD_07A	105+50.00	8				8	229		229	286	278				
105+50.00 -L- MD_07B	108+00.00	2				2	273		273	341	339				
113+50.00 -L- MD_08	117+50.00	25				25	207		207	259	234				
SUBTOTAL		77				77	2,369		2,369	2,961	2,884				
TOTAL		11,017			860	10,157	53,371		53,371	66,709	58,596		2,043	860	2,903
MATERIAL FOR SHOULDER CONSTRUCTION							630		630	788	788				
LOSS DUE TO CLEARING & GRUBBING		-900				-900					900				
WASTE IN LIEU OF BORROW											-2,043		-2,043		-2,043
PROJECT TOTAL		10,117			860	9,257	54,001		54,001	67,496	58,240			860	860
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											2,912				
GRAND TOTAL		10,117			860	9,257	54,001		54,001	67,496	61,152			860	860
SAY		10,400									61,400				

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EST. DDE = 200 CUBIC YARDS

TOTAL SHALLOW UNDERCUT = 3750 CUBIC YARDS

PER GEOTECH RECOMMENDATION, ESTIMATED 2350 CUBIC YARDS OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.