

### Earthwork Balance Sheet

PROJECT: U-5813

COUNTY: Randolph

Volumes in Cubic Yards  
DATE: 7/8/2022

COMPILED BY: AJM  
CHECKED BY: RHT

SHEET 1 OF 1 SHEETS

STATION	STATION	EXCAVATION					EMBANKMENT				BORROW	WASTE			
		TOTAL UNCLASS.	ROCK	UNDERCUT	UNUIT. UNCLASS.	SUITABLE UNCLASS.	TOTAL	ROCK	EARTH	EMBANK. +20%		ROCK	SUITABLE	UNUIT.	TOTAL
-L- STA 15+00	-L STA 45+00	5,838		4	400	5,438	58,531		58,531	70,237	64,799			404	404
-L- STA 45+00	-L STA 75+00	11,695		611	235	11,460	27,327		27,327	32,792	21,332			846	846
-Y1- STA 10+47.47	-Y1- STA 13+60.00	133				133	171		171	205	72				
-Y2- STA 10+80.00	-Y2- STA 13+69.47	5				5	1,634		1,634	1,960	1,955				
-Y3- STA 10+00.00	-Y3- STA 12+76.77	328			6	322	749		749	898	576			6	6
-Y4 REV- STA 11+75.00	-Y4 REV- STA 13+70.92	5				5	1,254		1,254	1,504	1,499				
-Y5- STA 10+35.61	-Y5- STA 12+85.00	242				242	745		745	894	652				
-Y6- STA 10+35.51	-Y6- STA 11+69.95	320				320	11		11	13			307		307
-Y7- STA 10+00.00	-Y7- STA 13+34.03	136				136	2,308		2,308	2,769	2,633				
-Y8- STA 10+35.75	-Y8- STA 13+00.00	124				124	182		182	218	94				
-Y9- STA 10+00.00	-Y9- STA 11+39.19	642				642	7		7	8			634		634
-Y10- STA 10+35.70	-Y10- STA 12+00.00	3				3	124		124	148	145				
-TEMP_DRW1- STA 10+35.50	-TEMP_DRW1- STA 15+00.00	372				372	434		434	520	148				
<b>SUBTOTAL</b>		<b>19,843</b>		<b>615</b>	<b>641</b>	<b>19,202</b>	<b>93,477</b>		<b>93,477</b>	<b>112,166</b>	<b>93,905</b>		<b>941</b>	<b>1,256</b>	<b>2,197</b>
-Y11- STA 10+32.77	-Y11- STA 12+05.40	80				80	21		21	25			55		55
-Y12- STA 18+80.00	-Y12- STA 20+12.27	30				30	82		82	98	68				
-Y13- STA 10+35.67	-Y13- STA 15+16.93	1,831				1,831	81		81	97			1,734		1,734
-Y14- STA 10+00.00	-Y14- STA 11+53.24	92				92	110		110	132	40				
-Y17- STA 10+24.00	-Y17- STA 20+65.00	9,170				9,170	397		397	476			8,694		8,694
-Y17A- STA 11+81.86	-Y17A- STA 15+11.52	613		940		613	882		882	1,058	445			940	940
-Y19- STA 10+00.00	-Y19- STA 13+28.97	71				71	553		553	663	592				
-RPBC- STA 10+36.74	-RPBC- STA 16+19.82	64				64	7,710		7,710	9,252	9,188				
-RPB REV- STA 15+00.00	-RPB REV- STA 20+50.00	1,811				1,811	1,558		1,558	1,869	58				
-RPC REV- STA 14+50.00	-RPC REV- STA 23+00.00	178				178	4,454		4,454	5,344	5,166				
-Y- STA 14+37.89	-Y STA 21+14.37	127				127	17,213		17,213	20,655	20,528				
-Y SLIP- STA 10+00.00	-Y SLIP- STA 21+26.05	372				372	2,480		2,480	2,976	2,604				
-SRV REV- STA 10+00.00	-SRV- STA 21+00.00	1,792				1,792	689		689	826			966		966
-DRW01- STA 10+12.19	-DRW01- STA 10+80.00	33				33	60		60	72	39				
-DRW02- STA 10+18.68	-DRW02- STA 11+00.00	5				5	524		524	628	623				
-DRW03- STA 10+12.00	-DRW03- STA 11+00.00	3				3	98		98	117	114				
-TEMP_RPBC1- STA 10+63.24	-TEMP_RPBC1- STA 11+55.00	206				206							206		206
<b>SUBTOTAL</b>		<b>16,478</b>		<b>940</b>		<b>16,478</b>	<b>36,912</b>		<b>36,912</b>	<b>44,288</b>	<b>39,465</b>		<b>11,655</b>	<b>940</b>	<b>12,595</b>
-L- STA 75+00	-L STA 105+00	10,978				10,978	6,767		6,767	8,120			2,858		2,858
-L- STA 105+00	-L STA 113+71.30 (BRIDGE)	926				926	1,400		1,400	1,680	754				
-L- STA 115+47.47 (BRIDGE)	-L STA 129+34	874				874	1,806		1,806	2,167	1,293				
-Y18- STA 10+36.00	-Y18- STA 12+00.31	171				171	38		38	45			126		126
-RPDA- STA 10+44.75	-RPDA- STA 16+76.18	3,197		84		3,197	921		921	1,105			2,092	84	2,176
-RPA REV- STA 12+50.00	-RPA REV- STA 18+50.00	1,476				1,476	1,577		1,577	1,892	416				
-RPD REV- STA 12+00.00	-RPD REV- STA 21+00.00	1,686				1,686	2,163		2,163	2,595	909				
-Y- STA 22+81.70	-Y STA 50+78.21	2,580				2,580	15,388		15,388	18,465	15,885				
-LPA- STA 10+00.00	-LPA STA 21+00.00	1,178				1,178	1,288		1,288	1,545	367				
-LPC- STA 10+00.00	-LPC STA 20+75.00	144				144	4,766		4,766	5,719	5,575				
-TEMP_RPD- STA 20+56.45	-TEMP_RPD- STA 22+11.16	176				176	45		45	54			122		122
-TEMP_RPDA- STA 14+50.00	-TEMP_RPDA- STA 17+98.70	3,119				3,119	72		72	86			3,033		3,033
<b>SUBTOTAL</b>		<b>26,505</b>		<b>84</b>		<b>26,505</b>	<b>36,231</b>		<b>36,231</b>	<b>43,473</b>	<b>25,199</b>		<b>8,231</b>	<b>84</b>	<b>8,315</b>
-TEMP_DRW1- STA 10+35.50	-TEMP_DRW1- STA 15+00.00	200				200	56		56	67			133		133
(REMOVAL)															
-TEMP_RPBC1- STA 10+63.24	-TEMP_RPBC1- STA 11+55.00						206		206	247	247				
(REMOVAL)															
-TEMP_RPD- STA 20+56.45	-TEMP_RPD- STA 22+11.16	20				20							20		20
(REMOVAL)															
-TEMP_RPDA- STA 14+50.00	-TEMP_RPDA- STA 17+98.70	16				16	1,269		1,269	1,522	1,506				
(REMOVAL)															
<b>SUBTOTAL</b>		<b>236</b>				<b>236</b>	<b>1,531</b>		<b>1,531</b>	<b>1,836</b>	<b>1,753</b>		<b>153</b>		<b>153</b>
<b>TOTAL</b>		<b>63,062</b>		<b>1,639</b>	<b>641</b>	<b>62,421</b>	<b>168,151</b>		<b>168,151</b>	<b>201,763</b>	<b>160,322</b>		<b>20,980</b>	<b>2,280</b>	<b>23,260</b>
MATERIAL FOR SHOULDER CONSTRUCTION									4,400	5,280	5,280				
LOSS DUE TO CLEARING & GRUBBING		-6,200									6,200				
ADDITIONAL UNDERCUT				4,250					4,250	5,100	5,100		4,250		4,250
WASTE IN LIEU OF BORROW											-20,980				-20,980
<b>PROJECT TOTAL</b>		<b>56,862</b>		<b>5,889</b>	<b>641</b>	<b>62,421</b>	<b>168,151</b>		<b>176,801</b>	<b>212,143</b>	<b>155,922</b>		<b>20,980</b>	<b>6,530</b>	<b>6,530</b>
EST. 5% TO REPLACE TOP SOIL ON BORROW PIT											7,796				
<b>GRAND TOTAL</b>		<b>56,862</b>		<b>5,889</b>	<b>641</b>	<b>62,421</b>	<b>168,151</b>		<b>176,801</b>	<b>212,143</b>	<b>163,718</b>		<b>20,980</b>	<b>6,530</b>	<b>6,530</b>
SAY		<b>57,000</b>		<b>5,900</b>							<b>164,000</b>				