

CONTRACT TIME FOR COMPLETION

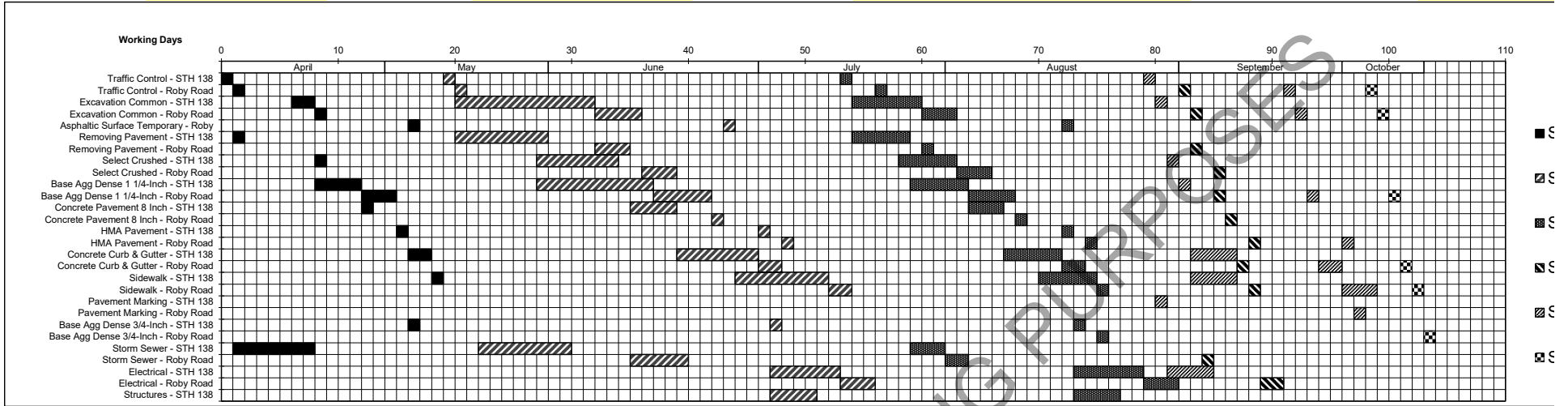
Wisconsin Department of Transportation DT1923 04/2020

Project ID 5845-01-76 & 5845-01-78
Work Type Reconstruction

Highway USH 51
County Dane

Project Title Stoughton-Madison
Project Limits STH 138 to Silverado Dr/Hoel Ave & Roby Road Intersection

Date of Letting August 10, 2021
Probable Date of Beginning April 1, 2022



ITEM ANALYSIS

Item	Contract Quantity per Stage						Total Quantity	Unit	Production Rate	Working Days (per Stage)	Stage 1		Stage 2		Stage 3A		Stage 3B		Stage 4A	
	Stage 1	Stage 2	Stage 3A	Stage 3B	Stage 4A	Stage 4B					Begin	End	Begin	End	Begin	End	Begin	End	Begin	End
Traffic Control - STH 138	1	1	1		1		4	DAY	1	1 / 1 / 1 / 1 / 1 / 1	0	1	19	20	53	54			79	80
Traffic Control - Roby Road	1	1		1	1	1	6	DAY	1	1 / 1 / 1 / 1 / 1 / 1	1	2	20	21	56	57	82	83	91	92
Excavation Common - STH 138	2,251	20,752	10,667		326		33,996	CY	1840	2 / 12 / 6 / 1 / 1 / 1	6	8	20	32	54	60			80	81
Excavation Common - Roby Road	1,012	6,672	4,786	136	64	533	13,203	CY	1840	1 / 4 / 3 / 1 / 1 / 1	8	9	32	36	60	63	83	84	92	93
Asphaltic Surface Temporary - Roby	592	278	70				940	TON	1400	1 / 1 / 1 / 1 / 1 / 1	16	17	43	44	72	73				
Removing Pavement - STH 138	38	10,292	6,332				16,662	SY	1400	1 / 8 / 5 / 1 / 1 / 1	1	2	20	28	54	59				
Removing Pavement - Roby Road		3,430	1,241	46			4,717	SY	1400	1 / 3 / 1 / 1 / 1 / 1			32	35	60	61	83	84		
Select Crushed - STH 138	1,350	12,100	7,800		850		22,100	TON	1800	1 / 7 / 5 / 1 / 1 / 1	8	9	27	34	58	63			81	82
Select Crushed - Roby Road		5,377	4,643	501			10,521	TON	1800	1 / 3 / 3 / 1 / 1 / 1			36	39	63	66	85	86		
Base Agg Dense 1 1/4-Inch - STH 138	3,100	7,350	3,950		680		15,080	TON	810	4 / 10 / 5 / 1 / 1 / 1	8	12	27	37	59	64			82	83
Base Agg Dense 1 1/4-Inch - Roby Road	2,070	3,628	2,696	315	313	66	9,088	TON	810	3 / 5 / 4 / 1 / 1 / 1	12	15	37	42	64	68	85	86	93	94
Concrete Pavement 8 Inch - STH 138	1,420	9,160	6,430				17,010	SY	2600	1 / 4 / 3 / 1 / 1 / 1	12	13	35	39	64	67				
Concrete Pavement 8 Inch - Roby Road		2,012	1,584	362			3,958	SY	2600	1 / 1 / 1 / 1 / 1 / 1			42	43	68	69	86	87		
HMA Pavement - STH 138	840	923	185				1,948	TON	1400	1 / 1 / 1 / 1 / 1 / 1	15	16	46	47	72	73				
HMA Pavement - Roby Road		722	619	30	31		1,402	TON	1400	1 / 1 / 1 / 1 / 1 / 1			48	49	74	75	88	89	96	97
Concrete Curb & Gutter - STH 138	1,170	5,195	3,560		2,850		12,775	LF	850	2 / 7 / 5 / 1 / 4 / 1	16	18	39	46	67	72			83	87
Concrete Curb & Gutter - Roby Road		1,363	1,154	345	977	287	4,126	LF	850	1 / 2 / 2 / 1 / 2 / 1			46	48	72	74	87	88	94	96
Sidewalk - STH 138	2,830	25,900	15,000		13,400		57,130	SF	3600	1 / 8 / 5 / 1 / 4 / 1	18	19	44	52	70	75			83	87
Sidewalk - Roby Road		3,616	1,963	946	10,079	1,469	18,073	SF	3600	1 / 2 / 1 / 1 / 3 / 1			52	54	75	76	88	89	96	99
Pavement Marking - STH 138					10,033		10,033	LF	40000	1 / 1 / 1 / 1 / 1 / 1									80	81
Pavement Marking - Roby Road					11,930		11,930	LF	40000	1 / 1 / 1 / 1 / 1 / 1									97	98
Base Agg Dense 3/4-Inch - STH 138	15	70	80				165	TON	490	1 / 1 / 1 / 1 / 1 / 1	16	17	47	48	73	74				
Base Agg Dense 3/4-Inch - Roby Road			193			251	444	TON	490	1 / 1 / 1 / 1 / 1 / 1					75	76				
Storm Sewer - STH 138	1,336	1,564	516				3,416	LF	200	7 / 8 / 3 / 1 / 1 / 1	1	8	22	30	59	62				
Storm Sewer - Roby Road		936	313	54			1,303	LF	200	1 / 5 / 2 / 1 / 1 / 1			35	40	62	64	84	85		
Electrical - STH 138		6	6		4		16	DAY	1	1 / 6 / 6 / 1 / 4 / 1			47	53	73	79			81	85
Electrical - Roby Road		3	3	2			8	DAY	1	1 / 3 / 3 / 2 / 1 / 1			53	56	79	82	89	91		
Structures - STH 138		4	4				8	DAY	1	1 / 4 / 4 / 1 / 1 / 1			47	51	73	77				

Month	Date		Days			Possible Work Days	Probable Working Days		
	Begin	End	Month	Total	Holiday		%	Month	Total
			0	0		0		0	0
			0	0		0		0	0
			0	0		0		0	0
April	4/1/2022	4/30/2022	30	30		21	68	14	14
May	5/1/2022	5/31/2022	31	61	2	20	68	14	28
June	6/1/2022	6/30/2022	30	91		22	80	18	46
July	7/1/2022	7/31/2022	31	122	2	19	85	16	62
August	8/1/2022	8/31/2022	31	153		23	85	20	82
September	9/1/2022	9/30/2022	30	183	2	20	70	14	96
October	10/1/2022	10/15/2022	15	198		10	70	7	103
			0	198		0		0	103
			0	198		0		0	103

REMARKS

Stage 1 constructs portions of the project off of the existing roadway and crossovers for future use. Stage 2 Assumes two crews for sidewalk. Stage 2 constructs the southbound USH 51 lanes and southern half of the roundabouts. Stage 3 constructs the northbound USH 51 lanes and the northern half of the roundabouts. Stage 4 constructs the roundabout center islands and splitter islands and removes roadway crossovers.

Contract Work Type

- ☐ Calendar Days
 - ☐ Working Days
 - ☒ Completion Date
- Prepared By

October 15, 2022
Strand Associates, Inc.

CONSTRUCTION YEAR: 2022