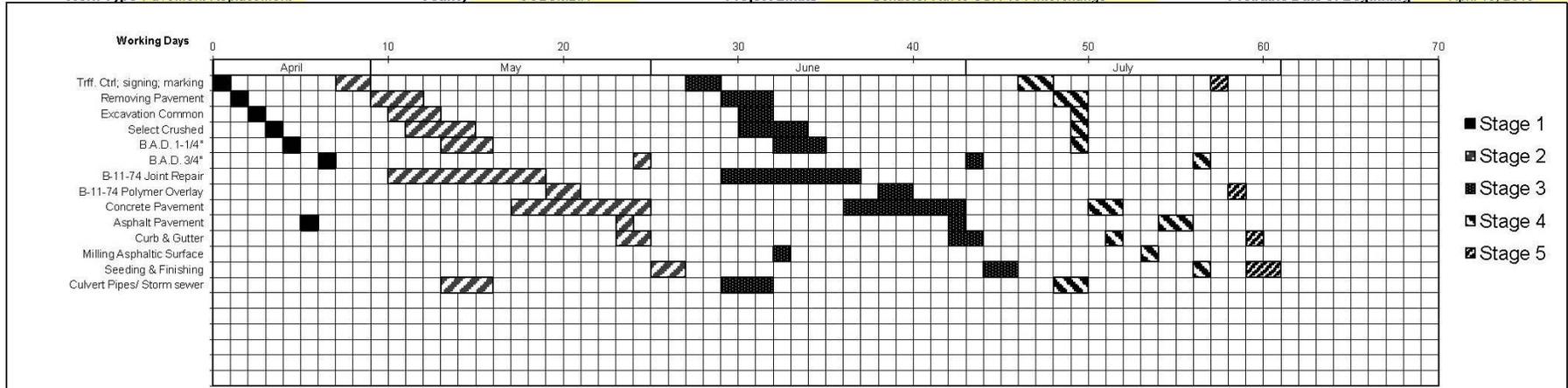


See [DT1923](#) for an MS Excel (.xlsx) copy of this spreadsheet.

CONTRACT TIME FOR COMPLETION

Wisconsin Department of Transportation DT1923 04/2011

Project ID 3060-02-32/00 **Highway** STH 73 **Project Title** IH-94 COLUMBUS **Date of Letting** August 12, 2014
Work Type Pavement Replacement **County** COLUMBIA **Project Limits** Schaefer Rd. to USH 151 Interchange **Probable Date of Beginning** April 13, 2015



ITEM ANALYSIS

Item	Contract Quantity per Stage					Total Quantity	Unit	Production Rate	Working Days (per Stage)	Stage 1		Stage 2		Stage 3		Stage 4		Stage 5	
	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5					Begin	End	Begin	End	Begin	End	Begin	End	Begin	End
	Trff. Ctrt; signing; marking	1	2	2	2					1	8	DAY	1	1 / 2 / 2 / 2 / 1	0	1	7	9	27
Removing Pavement	300	7,980	6,887	3,983		19,150	SY	3000	1 / 3 / 3 / 2 /	1	2	9	12	29	32	48	50		
Excavation Common	950	9,365	7,708	3,367		21,390	CY	4000	1 / 3 / 2 / 1 /	2	3	10	13	30	32	49	50		
Select Crushed	1,426	7,862	6,629	1,934		17,851	TON	2000	1 / 4 / 4 / 1 /	3	4	11	15	30	34	49	50		
B.A.D. 1-1/4"	570	5,814	5,057	1,191		12,632	TON	2000	1 / 3 / 3 / 1 /	4	5	13	16	32	35	49	50		
B.A.D. 3/4"	100	113	112	833		1,158	TON	1000	1 / 1 / 1 / 1 /	6	7	24	25	43	44	56	57		
B-11-74 Joint Repair		57	54			111	SY	7	/ 9 / 8 / /			10	19	29	37				
B-11-74 Polymer Overlay		1,305	1,305		200	2,810	SY	700	/ 2 / 2 / / 1			19	21	38	40			58	59
Concrete Pavement		7,658	6,570	1,817		16,045	SY	1000	/ 8 / 7 / 2 /			17	25	36	43	50	52		
Asphalt Pavement	244	293	130	3,614		4,281	TON	2000	1 / 1 / 1 / 2 /	5	6	23	24	42	43	54	56		
Curb & Gutter		1,035	1,198	581	244	3,058	LF	1000	/ 2 / 2 / 1 / 1			23	25	42	44	51	52	59	60
Milling Asphaltic Surface			800	24,100		24,900	SY	26700	/ / 1 / 1 /					32	33	53	54		
Seeding & Finishing		2	2	1	2	7	SY	1	/ 2 / 2 / 1 / 2			25	27	44	46	56	57	59	61
Culvert Pipes/ Storm sewer		3	3	2		8	Day	1	/ 3 / 3 / 2 /			13	16	29	32	48	50		

Month	Date		Days			Possible Work Days	Probable Working Days		
	Begin	End	Month	Total	Holiday		%	Month	Total
			0	0		0	50	0	0
			0	0		0	50	0	0
			0	0		0	50	0	0
April	4/13/2015	4/30/2015	18	18	0	14	65	9	9
May	5/1/2015	5/31/2015	31	49	1	20	80	16	25
June	6/1/2015	6/30/2015	30	79	0	22	80	18	43
July	7/1/2015	7/31/2015	31	110	1	22	80	18	61
			0	110	0	0	80	0	61
			0	110	0	0	70	0	61
			0	110	0	0	27	0	61
			0	110	0	0	50	0	61
			0	110	0	0	50	0	61

REMARKS

- Wait 30 days between concrete placement for joint repair and applying the polymer overlay.
- Ramps can be closed 21 calendar days max.
- Place PCMS out 10 days before traffic switches and lane closures

Calendar Days: 110
 Working Days: 61
 Completion Date: August 7, 2015
 Prepared By: Jeremy White

CONSTRUCTION YEAR: 2015

PERCENTAGE FACTORS FOR PROBABLE WORKING DAYS

$$\frac{\text{Probable Working Days}}{\text{Possible Working Days}} = \text{_____}\%$$

MONTH	Grading %	Bridge %	Base Course %	P.C.C. Pavement %	Asphaltic Concrete Pavement %	Painting %
January	58	61				
February	43	65				
March	58	65				
April	58	77	58			
May	80	80	80	80	68	64
June	80	80	80	80	81	69
July	85	85	85	85	85	69
August	85	85	85	85	85	77
September	76	80	72	72	70	60
October	77	73	73	72	27	
November	70	70	74	43		
December	58	58	58			

Estimated Production Rates for Computing Contract Time

Item	Unit	Est. Ave Range Units/8 Hour Work Day
	English	English
Removing Pavement	S.Y.	1,000 - 4,000
Shattering Pavement	S.Y.	5,000 - 15,000
Common Excavation-Urban	C.Y.	300 - 2,000
Common Excavation-Rural	C.Y.	1,000 - 7,000
Marsh Excavation	C.Y.	500 - 2,000
Rock Excavation	C.Y.	1,000 - 2,500
Borrow Excavation (Scraper)	C.Y.	1,000 - 7,000
Borrow Excavation (Truck)	C.Y.	500 - 2,000
Crushed Aggregate Base Course (Rural Roadway)	Ton	1,000 - 3,000
Crushed Aggregate Base Course (Urban Roadway)	Ton	800 - 2,000
Crushed Aggregate Base Course (Shoulders)	Ton	800 - 2,000
Asphaltic Concrete Pavement (Rural)	Ton	1,000 - 3,000
Asphaltic Concrete Pavement (Urban/Misc.)	Ton	300 - 1,000
Concrete Pavement (Rural)	S.Y.	4,000 - 10,000
Concrete Pavement (Urban)	S.Y.	1,000 - 5,000
Salvaged Asphaltic Pavement (Milling)	Ton	1,000 - 3,000
Salvaged Asphaltic Pavement (Full Depth)	Ton	1,000 - 3,000
Concrete Masonry, Bridges (Substructure)	C.Y.	5 - 15
Concrete Masonry, Bridges (Superstructure)	C.Y.	10 - 20
Concrete Masonry, Culverts	C.Y.	5 - 15

Estimated Production Rates for Computing Contract Time

Item	Unit	Est Ave Range Units/8 Hour Work Day
	English	English
Structural Steel Beams	Each	6 - 12
Steel Piling	L.F.	200 - 800
Prestressed Girders	Each	6 - 12
Concrete Curb and Gutter	L.F.	500 - 2,000
Concrete Sidewalk	S.F.	800 - 3,000
Storm Sewer	L.F.	100 - 400
Inlets and Manholes	Each	3 - 10
Steel Plate Beam Guard	L.F.	300 - 800
Woven Wire Fence	L.F.	500 - 2,000
Chain Link Fence	L.F.	300 - 1,5000
Seeding and Finishing	S.Y.	5,000 - 20,000