LETTING

05/01/2021 (ADV 05/01/2020) 9/14/2021

## 60% PLAN ESTIMATE 2240-00-07 / 77 MILWAUKEE AVENUE STH 20 TO CTH Y (INCLUDES 2 SB STRUCTURES) STH 36 RACINE COUNTY

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
201.0120	CLEARING	96	ID	FRICE	TOTAL
201.0120	GRUBBING	96	ID		
204.0110	REMOVING ASPHALTIC SURFACE	203	SY		
204.0125	REMOVING ASPHALTIC SURFACE MILLING	64,570	TON		
204.0120	REMOVING CURB AND GUTTER	843	LF		
204.0155	REMOVING CONCRETE SIDEWALK	27	SY		
204.0165	REMOVING GUARDRAIL	778	LF		
204.0220	REMOVING INLETS	2	EACH		
204.0245	REMOVING STORM SEWER (SIZE) 24-INCH	34	LF		
205.0100	EXCAVATION COMMON	4,400	CY		
208.0100	BORROW	13,925	CY		
305.0110	BASE AGGREGATE DENSE 3/4 INCH (For Shoulders if mill is less than laid depth)	7,110	TON		
305.0120	BASE AGGREGATE DENSE 1-1/4 INCH	17,700	TON		
305.0500	SHAPING SHOULDERS	538	STA		
310.0110	BASE AGGREGATE OPEN-GRADED	4,410	TON		
311.0110	BREAKER RUN	18,965	TON		
390.0303	BASE PATCHING CONCRETE	26,000	SY		
455.0605	TACK COAT		GAL		
460.6223		55,864			
	ASPHALTIC MATERIAL 3 MT 58-28 S (Upper-Lift)	28,981	TON		
460.6224	ASPHALTIC MATERIAL 4 MT 58-28 S (Lower-Lift)	62,034	TON		
465.0105	ASPHALTIC SURFACE (MULTI-USE PATH @ CTH Y)	40	TON		
465.0125		1,751	TON		
465.0305	ASPHALTIC SURFACE SAFETY ISLAND	10	TON		
520.1024	APRON ENDWALLS FOR CULVERT PIPE 24-INCH	3	EACH		
520.8700	CLEANING CULVERT PIPES	72	EACH		
601.0411	CONCRETE CURB & GUTTER 30-INCH TYPE D	116	LF		
601.0557	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	5,047	LF		
601.0600	CONCRETE CURB PEDESTRIAN	155	LF		
602.0410	CONCRETE SIDEWALK 5-INCH	4,209	SF		
602.0505	CURB RAMP DETECTABLE WARNING FIELD YELLOW	298	SF		
602.2400	CONCRETE SAFETY ISLAND	440	SF		
603.8000	CONCRETE BARRIER TEMPORARY PRECAST DELIVERED	400	LF		
603.8125	CONCRETE BARRIER TEMPORARY PRECAST INSTALLED	400	LF		
608.0315	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH	328	LF		
608.0324	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	240	LF		
611.0530	MANHOLE COVERS TYPE J	2	EACH		
611.0627	INLET COVERS TYPE HM	8	EACH		
611.0636	INLET COVERS TYPE HM-S	1	EACH		
611.2005	MANHOLES 5-FT DIAMETER	2	EACH		
611.3004	INLETS 4-FT DIAMETER	3	EACH		1
611.3230	INLETS 2x3-FT	6	EACH		
614.0905	CRASH CUSHIONS TEMPORARY	4	EACH		
614.2300	MGS GUARDRAIL 3	825	LF		
614.2610	MGS GUARDRAIL EAT	1	EA		t
616.0700.S	FENCE SAFETY	3,390	LF		1
646.1040	MARKING LINE GROOVED WET REF EPOXY 4-INCH	142,340	LF		1
646.3020	MARKING LINE EPOXY 8-INCH	11,221	LF		1
646.6120	MARKING STOP LINE EPOXY 18-INCH	682	LF		1
646.7120	MARKING DIAGONAL EPOXY 12-INCH	755	LF		
646.7420	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH	859	LF		
690.0150	SAWING ASPHALT	6,767	LF		
690.0250	SAWING ASPHALT	44	LF		1
	Special XX. DITCHING AND SHAPING	14,400	LF		
SPV.XXXX		14,400	LF		1
	BRIDGES				
	Reserve for bridge total bridge items costs based on Maintenance est.( LS) or (SF) costs				
B-51-0056	STH 36/83 SB over Fox RiverDeck ReplacementDetailed Consultant Estimate Attached	1	10		T
	STH 36/83 SB over Fox RiverDeck ReplacementDetailed Consultant Estimate Attached STH 36/83 SB over Wind Lake Drainage CanalDeck ReplacementDetailed Consultant Estim		LS LS		
B-51-0057		1			
	Bridge Approaches Detailed Consultant Estimate Attached	1	LS		
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	SUBTOTAL				

	SIGNING (Signing was redone in 2012, but some signs will be impacted)	1	LS			
	SIGNALS					
S585	STH 36 & Main St Signal replacement with monotubes	1	EA			
S583	STH 36 & STH 164 Signal replacement with monotubes	1	EA			
	STORM SEWER/ DRAINAGE (3% FOR RURAL)	1	LS			
	LIGHTING (1%)	1	LS			
619.1000	MOBILIZATION (5%)	1	EACH			
	Traffic Control (10%)	1	LS			
	Erosion Control / Restoration (5%)	1	LS			
	MISC ITEMS: (10%)	1	LS			
	CONSTRUCTION TOTAL (w/out Delivery)					
	Engineering/Contingency(E/C)					
	TOTAL COST					

Road Builders Quantities						
Asphalt TON	92,766					
Concrete S.Y.	30,649					
Excavation C.Y.	4,400					
Base Course TON	24,810					
SUBBASE- Select TON	18,965					
Bridge S.F.	19,134					
Milling S.Y.	258,526					
Diamond Grinding S.Y.	0					
C&G (Remove) L.F.	843					
C&G (New) L.F.	5,163					
Traffic Striping L.F.	155,857					
Rubblizing S.Y.	0					