PROJECT : *CUY-90 PART 1*			Michael Baker INTERNATIONAL
TASK : *ROCKY RIVER*		**PROJECT NO :**	
SUBJECT : *ESTIMATED QUANTITIES*			
CALCULATED BY : *SSW*	**DATE :** *4/3/2023*	**CHECKED BY :** *CDC*	**DATE :** *4/4/2023*

ROCKY RIVER VALLEY ESTIMATED QUANTITIES:

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION
514	00050	586	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL
		4.875	FT	PERIMETER
		TYPE 1 REPAIR		
		9	FT	LENGTH OF REPAIR (TYPE 1, CONSERVATIVE)
		8	EA	LOCATIONS (TYPE 1)
		TYPE 2 REPAIR		
		6	FT	LENGTH OF REPAIR (TYPE 2, CONSERVATIVE)
		5	EA	LOCATIONS (TYPE 2)
		GIRDER REPAIRS		
		12.25	SF	
		15%		APPLY FOR INCIDENTALS
514	00056	586	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT
514	00060	2239	SF	FIELD PAINTING OF STRUCTURAL STEEL, INTERMEDIATE COAT
		ADD NEW K-FRAMES		
		3.52	FT	PERIMETER W8X28
		32.50	FT	LENGTH
		2.36	FT	PERIMETER (WT6X25)
		18.00	FT	LENGTH
		3	EA	COUNT
	SUBTOTAL =	471.15	SF	
		WT6X25 JOINT SUPPORTS		
		1.42	FT	LENGTH
		2.36	FT	PERIMETER
		32.00		COUNT
	SUBTOTAL =	106.99	SF	

PROJECT : *CUY-90 PART 1*			Michael Baker INTERNATIONAL
TASK : *ROCKY RIVER*		**PROJECT NO :**	
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CALCULATED BY : *SSW*	**DATE :** *4/3/2023*	**CHECKED BY :** *CDC*	**DATE :** *4/4/2023*

ROCKY RIVER VALLEY ESTIMATED QUANTITIES:

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION
		SUPPORT ANGLES		
		32.00		COUNT
		0.75	FT	LENGTH
		1.67	FT	PERIMETER
	SUBTOTAL =	40.00	SF	
		GIRDER PLATES		
		1764.00	IN2	AREA
	SUBTOTAL =	12.25	SF	
		TYPE 1 REPAIR		
		4.875	FT	PERIMETER
		9.00	FT	LENGTH OF REPAIR (TYPE 1, CONSERVATIVE)
		8.00	EA	LOCATIONS (TYPE 1)
	SUBTOTAL =	351.00	SF	
		TYPE 2 REPAIR		
		4.875	FT	PERIMETER
		11.00	FT	LENGTH OF REPAIR (TYPE 1, CONSERVATIVE)
		5.00	EA	LOCATIONS (TYPE 1)
	SUBTOTAL =	268.13	SF	
		BEARINGS		
		11.00	SF	FROM CDC AND SSW CONCURRENCE 4/23/2024
		2.00	EA	REPLACEMENT LOCATIONS
	SUBTOTAL =	22.00	SF	
		30%		APPLY FOR INCIDENTALS

514	00066	2239	SF	FIELD PAINTING OF STRUCTURAL STEEL, FINISH COAT

514	27800	LS		FIELD PAINTING, MISC.: COATING SYSTEM REPAIR