FED. RD. DIVISION	STATE	PROJECT	
5	OHIO		

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111

LAKE COUNTY
LAK. 90-3.56

QUANTITIES
Made: ERH 12-11-72
Ckd: LJD 12-19-72

SHEET NO.	SIGN NO.	STATION	CODE NO.	SIGN SIZE	DIMENSIONS SEE DETAIL "A" SHEET NO. 35 (Lin. Ft.) A	B	C	D	E	EXIST. SIGNS RE-ERECTED NORMAL Sq. Ft.	REVISE EXIT, JCT LEGEND EACH	815 SIGNS FLAT SHEET SQ. FT.	EXTRU. TYPE Sq. Ft.	816 CONC. GROUND MOUNTED SIGN Cu. Yd.	816 SUPPORTS 6LB. BEAM AS PER PLAN Lin. Ft.	4 LB. POST Lin. Ft.	6 LB. BEAM Lin. Ft.	W8x17 Lin. Ft.	W10x21 Lin. Ft.	W12x31 Lin. Ft.	BREAK-AWAY CONN. Each	202 REMOVAL EXISTING SIGNS Each	REMOVAL EXISTING SUPP. Each	REMOVAL EXISTING INSTALL. Each	REMOVAL MAJOR INSTALL. Each	REMOVAL EXISTING O.H. SUPP. Each	620 DELIN. AS PER PLAN Each
33		Vrooman	Rd. Interchange																								
	I-90																										
		600+20	Existing																					1			
		600+80	N-12A-96	8'-0"x5'-0"	17.5	17.5							40.0				35.0								1		
		606+00	W-49R-48	48"x48"			18.5					16.0*					18.5							1			
			WP-49-24	24"x12"								2.0*															
		614+00	W-49R-48	48"x48"			18.5					16.0*					18.5							1			
			WP-49-24	24"x12"								2.0*															
		617+10	N-12A-96	8'-0"x5'-0"	17.5	17.5							40.0				35.0								1		
		617+50	Existing																					1			
		619+50	Existing																				1*				
	Vrooman Rd.																										
		17+30	IM-17-24	24"x12			17.5					2.0*					17.5										
			M-5C-24	24"x24"								4.0*															
		20+30	D-3-24G	8'-0"x2'-6"	17.5	17.5							20.0*				35.0										
		24+00		48"x48"																				1			
		24+10	D-4-2	10'-0"x4'-0"	17.5	17.5							40.0*				35.0										
				48"x48"						16.0																	
		26+20	Existing																					1			
		26+35	N-19B-30	30"x18"																				1			
		26+35	Spec.	24"x 18"			13.5					3.0*				13.5											
		26+50	N-19B-30	30"x 18"						3.8																	
		26+60	Existing																					1			
		26+60	IM-39-24	24"x12"	15.0	16.5						2.0*				6.75	31.5										
			M-5C-24	24"x24"								4.0*															
			IM-24-20	20"x15"								2.0*															
			D-4-1	10'-0"x2'-0"									20.0*														
		26+70	Existing																					1			
		27+19	Existing																				2*				
		27+20	Existing																					1			
		27+30	D-3-24G	8'-0"x2'-6"	14.75	15.0							20.0*				29.75								1		
		32+50	N-19B-30	30"x18"																				1			
		32+70	D-3-24G	8'-0"x2'-6"	14.75	15.0							20.0*				29.75								1		
		32+75	Existing																				2*				
		32+80	Existing																					1			
		33+30	Existing																				4*				
		33+50	Existing																				1*				
		33+50	N-19B-30	30"x18"						3.8																	
		33+50	IM-40-24	24"x 12"	15.0	16.5						2.0*				6.75	31.5										
			M-5C-24-2	24"x24"								4.0*															
			IM-24-20	20"x15"								2.0*															
			D-4-1	10'-0"x2'-0"									20.0*														
		35+00	D-4-2	10'-0"x4'-0"	16.0	16.0							40.0*				32.0										
		39+70	D-3-24G	8'-0"x2'-6"	14.75	15.0							20.0*				29.75										
		42+70	IM-17-24	24"x12"			17.5					2.0*					17.5										
			M-5C-24	24"x24"								4.0*															
	Ramp E																										
		9+50 Lt.	R-15A-36	36"x36"			16.5					9.0*				16.5											
	Ramp F																										
		0+50 Lt.	R-43R-36	36"x12"								3.0															
		Lt.	R-43L-36	36"x12"								3.0															
		2+80 Lt.	R-41A-36	36"x24"			15.5					6.0				15.5											
		Rt.	R-41A-36	36"x24"	17.5	18.5						6.0					36.0										
		Rt.	D-4B-120	10'-0"x2'-6"									25.0*														
		Rt	D-4-1	10'-0"x2'-0"									20.0*														
		3+52	Existing																				2*				
	Ramp G																										
		0+65	R-15A-36	36"x36"			16.5					9.0*				16.5											
	Ramp H																										
		9+00 Rt.	D-4B-120	10'-0"x2'6"	17.5	18.5							25.0*				36.0										
		Rt	D-4-1	10'-0"x2'-0"									20.0*														
		Rt.	R-41A-36	36"x24"								6.0															
		Lt.	R-41A-36	36"x24"			15.5					6.0				15.5											
		11+40 Rt.	R-1-48	48"x 48"			16.5			16.0							16.5							1			
		Rt	R-41B-36	36"x36"						9.0																	
		Lt.	R-1-48	48"x 48"			17.5			16.0					17.5									1			
		Lt.	R-43L-36	36"x12"								3.0															
		Lt.	R-43R-36	36"x12"								3.0															
		Lt.	R-41B-36	36"x36"								9.0															
	SUB-TOTAL	100% State Participation								–		85.0*	290.0*			–	–						12*	–	–		
	SUB-TOTAL	Normal Participation								64.6		45.0	80.0		17.5	91.0	484.75						–	14	4		

* - 100% State Participation.

SCALE None HOWARD, NEEDLES, TAMMEN & BERGENDOFF
MADE ERH DATE 12-11-72 CONSULTING ENGINEERS
TRCD ERH DATE 12-18-72 KANSAS CITY CLEVELAND NEW YORK
CKD LJD DATE 12-19-72