

# D12-PM-FY2024

MODEL: Sheet PAPER SIZE: 8.5x11 (in.) DATE: 12/8/2023 TIME: 8:59:20 AM USER: fkonopka  
 px:\hiodo-pw.berlily.com\hiodo-pw-02\Documents\OT Active Projects\District 12\_D12107324\400-Engineering\Traffic\Sheets\107324\_TG001.dgn

SHEET NUM.										PART.		ITEM		ITEM EXT		GRAND TOTAL		UNIT		DESCRIPTION		SEE SHEET NO.	
2	3	4	5	6	20	26	53	54	56	61	01/NFP/44	ITEM	EXT	TOTAL	UNIT	DESCRIPTION	NO.						
		100									100	621	00101	100	EACH	TRAFFIC CONTROL	3, 4						
										19,987	1,339	621	00300	1,339	EACH	RPM REFLECTOR							
										800	800	621	90000	800	EACH	RPM, MISC.; REPLACEMENT OF RAISED PAVEMENT MARKER							
										1,274.09	1,274.09	642	00100	1,274.09	MILE	EDGE LINE, 4", TYPE 1	4						
										1,274.09	1,274.09	642	00104	1,274.09	MILE	EDGE LINE, 6", TYPE 1							
										70.45	70.45	642	00200	70.45	MILE	LANE LINE, 4", TYPE 1							
										942.6	942.6	642	00204	942.6	MILE	LANE LINE, 6", TYPE 1							
										350.16	350.16	642	00300	350.16	MILE	CENTER LINE, TYPE 1							
										2,240	2,240	642	00400	2,240	FT	CHANNELIZING LINE, 8", TYPE 1							
										537.070	537.070	642	00404	537.070	FT	CHANNELIZING LINE, 12", TYPE 1							
										13,074	13,074	642	00500	13,074	FT	STOP LINE, TYPE 1							
										32,839	32,839	642	00620	32,839	FT	CROSSWALK LINE, 12", TYPE 1							
										34,052	34,052	642	00700	34,052	FT	TRANSVERSE/DIAGONAL LINE, TYPE 1							
										1,954	1,954	642	00900	1,954	SF	ISLAND MARKING, TYPE 1							
										2	2	642	01000	2	EACH	RAILROAD SYMBOL MARKING, TYPE 1							
										10	10	642	01110	10	EACH	SCHOOL SYMBOL MARKING, 96", TYPE 1							
										1,526	1,526	642	01200	1,526	FT	PARKING LOT STALL MARKING, TYPE 1							
										1,465	1,465	642	01300	1,465	EACH	LANE ARROW, TYPE 1							
										20	20	642	01312	20	EACH	LANE REDUCTION ARROW, TYPE 1							
										240	240	642	01322	240	EACH	WRONG WAY ARROW, TYPE 1							
										21	21	642	01410	21	EACH	WORD ON PAVEMENT, 96", TYPE 1							
										256,440	256,440	642	01510	256,440	FT	DOTTED LINE, 6", TYPE 1							
										58,770	58,770	642	01560	58,770	FT	DOTTED LINE, 12", TYPE 1							
										2	2	642	01602	2	EACH	BIKE LANE SYMBOL MARKING, TYPE 1							
										4	4	642	01702	4	EACH	HANDICAP SYMBOL MARKING, TYPE 1							
										192	192	642	20802	192	FT	YIELD LINE, TYPE 1							
										5,000	5,000	642	30000	5,000	FT	REMOVAL OF PAVEMENT MARKING							
										7	7	642	40000	7	EACH	SPEED MEASUREMENT MARKING							
										58.45	58.45	642	50000	58.45	MILE	PAVEMENT MARKING, MISC.; BLACK SHADOW LANE LINE	3						
										200	200	614	11110	200	HOUR	MAINTENANCE OF TRAFFIC LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE							
										LS	LS	614	11000	LS		INCIDENTALS							
										LS	LS	624	10000	LS		MAINTAINING TRAFFIC							
										12	12	624	15001	12	EACH	MOBILIZATION MOBILIZATION, AS PER PLAN	5, 6						

## GENERAL SUMMARY


DESIGNER: FLK  
 REVIEWER: FLK  
 PROJECT ID: 107324  
 SHEET TOTAL: P.7 / 88

# D12-PM-FY2024

MODEL: Sheet PAPER: SIZE: 8.5x11 (in.) DATE: 12/5/2023 TIME: 11:14:59 AM USER: fkonopka  
 pw:\hiondo\pw.berlley.com\hiondo-pw-02\Documents\01 Active Projects\District 12\_D12\107324\400-Engineering\Traffic\Sheets\107324\_TS001.dgn

COUNTY	ROUTE	S.L.M.		EDGE LINE, 6", TYPE 1		LANE LINE, 6", TYPE 1	CHANNEL LINE, 12", TYPE 1		DOTTED LINE, 6", TYPE 1	DOTTED LINE, 12", TYPE 1	CENTER LINE, TYPE 1	REMARKS
				WHT.	YLW.		GORE	MAIN				
				MILE	MILE		FEET	FEET				
CUY	IR-71	FROM	TO	WHT.	YLW.	MILE	MILE	FEET	FEET	FEET	MILE	
		228.69	233.90	10.42	10.42		20.84					I-71 NB & SB
		231.26				0.23	0.23	540	530			I-71 NB exit ramp at Royalton Road (SR 82) (ramp A)
						0.24	0.24	720	1130			I-71 NB entrance ramp from Royalton Road (SR 82) EB (ramp B)
						0.17	0.17	720	650			I-71 NB entrance ramp from Royalton Road (SR 82) WB (ramp E)
						0.27	0.27	540	500			I-71 SB exit ramp at Royalton Road (SR 82) WB (ramp F)
						0.21	0.21	445	375			I-71 SB exit ramp at Royalton Road (SR 82) EB (ramp C)
						0.29	0.29	850	700			I-71 SB entrance ramp from Royalton Road (SR 82) (ramp D)
		231.68	232.20					1600	2780			I-71 SB before exit ramp to Royalton Road (SR 82) WB
		232.64						445	575			I-71 SB exit ramp to I-80 (Ohio Turnpike)
						0.12	0.05	680	675			I-71 SB entrance ramp from I-80 (Ohio Turnpike)
								520	625			I-71 NB exit ramp to I-80 (Ohio Turnpike)
						0.11		1200	750			I-71 NB entrance ramp from I-80 (Ohio Turnpike)
												<b>CUY-71-5.71 PID 87904 (Epoxy Pavement Markings in 2023)</b>
		233.90	236.57	5.34	5.34	10.68	10.68					I-71 NB & SB
		234.21				0.23	0.23	550	560			I-71 NB exit ramp at Pearl Road (ramp A)
						0.34	0.27	680	690			I-71 NB entrance ramp from Pearl Road (ramp B)
						0.28	0.28	400	600			I-71 SB exit ramp at Pearl Road (ramp D)
						0.32	0.27	500	650			I-71 SB entrance ramp from Pearl Road (ramp C)
		235.37				0.19	0.19					I-71 NB exit ramp at Bagley Road (ramp F)
						0.25	0.17					I-71 NB entrance ramp from Bagley Road (ramp H)
						0.21	0.21					I-71 SB exit ramp at Bagley Road (ramp G)
		236.57	237.86	2.58	2.58	5.16	5.16					I-71 SB entrance ramp from Bagley Road (ramp E)
		237.53				0.22	0.22					I-71 NB & SB
						0.22	0.20					I-71 NB exit ramp at Snow Road (ramp L)
						0.31	0.25					I-71 NB entrance ramp from Snow Road EB (ramp K)
						0.20	0.20					I-71 NB entrance ramp from Snow Road WB (ramp M)
						0.23	0.23					I-71 SB exit ramp at Snow Road WB (ramp N)
						0.30	0.26					I-71 SB exit ramp at Snow Road EB (ramp J)
						0.14	0.14					I-71 SB entrance ramp from Snow Road (ramp I)
		237.53	237.95									I-71 SB exit ramp to SR 291 (Engle Road)
		237.86	238.77	0.90	0.90	2.70	2.70					I-71 SB prior to exit ramp at Snow Road WB (ramp N)
		238.63										I-71 NB & SB
												I-71 NB exit ramp to I-480 EB (ramp S)
												I-71 NB exit ramp to I-480 WB (ramp T)
		238.27	238.40	0.23	0.23	0.13	0.13	620				I-71 NB & SB
		238.77	239.26	0.98	0.98	0.98	0.98					I-71 NB entrance ramp from SR 237 NB (starting at Brookpark Corp Line) (transverse on shoulder)
		238.95		1.00	1.00	1.00	1.00					I-71 NB entrance ramp from I-480 EB (after I-71 SB ramp split)
				0.21	0.21	0.09	0.21	1200				I-71 SB entrance ramp from I-480 EB (after I-71 NB ramp split)
		239.29						680				I-71 SB entrance ramp from I-480 WB
						1.06	1.06	1350				I-71 SB ramp to I-480 WB
				0.36	0.36	0.36	0.36	680				I-71 SB ramp to SR 237 SB (starting at the I-480 WB ramp from I-71 SB to Brookpark Corp Line)
				20.72	20.72	8.33	7.66	4050	2770	9010	5280	
		SHEET SUB-TOTAL		20.72	20.72	8.33	7.66	4050	2770	9010	5280	

## SUB-SUMMARY - LONG LINE



DESIGN AGENCY

DESIGNER	FLK
REVIEWER	FLK 08/09/23
PROJECT ID	107324
SHEET TOTAL	P.8 / 88

# D12-PM-FY2024

MODEL: Sheet PAPER SIZE: 8.5x11 (in.) DATE: 12/5/2023 TIME: 11:15:17 AM USER: flkonopka  
 px:\hiondo-pw.berlley.com\hiondo-pw-02\Documents\OT Active Projects\District 12\_D12\107324\400-Engineering\Traffic\Sheets\107324\_TSO12.dgn

COUNTY	ROUTE	S.L.M.		EDGE LINE, 6", TYPE 1				LANE LINE, 6", TYPE 1	CHANNEL LINE, 12", TYPE 1		DOTTED LINE, 6", TYPE 1	DOTTED LINE, 12", TYPE 1	CENTER LINE, TYPE 1	REMARKS		
				WHT.	YLW.	MILE-main	WHT.		YLW.	MILE-ramp					GORE	MAIN
CUY	SR-176	FROM	TO													
		18.26		0.16	0.16	550		510		550				SR 176 SB exit ramp to Denison Road		
				0.27	0.16			1120						SR 176 SB entrance ramp from Denison Road		
				0.16	0.16			440		660				SR 176 NB exit ramp to Denison Road		
				0.21	0.14			720		540				SR 176 NB entrance ramp from Denison Road		
										600		975		SR 176 NB at Denison Road lane drop		
		18.62		0.28	0.28			510						SR 176 SB exit ramp to Jennings Road		
		19.39		0.31	0.25			640	440					SR 176 NB entrance ramp from Jennings Road		
		19.42												Prior to SR 176 NB exit ramp to W 14th		
				0.21	0.21			300						SR 176 NB exit ramp to W 14th		
		0.40	0.40			580						SR 176 NB split for I-90 EB & I-90 WB / I-490 EB				
		0.16	0.12			410						SR 176 SB entrance ramp from W 14th (end at intersection of I-90 EB / I-490 WB entrance ramp)				
CUY	SR-237	8.03	8.24					1100					SR 237 NB exit ramp to SR 17			
		8.03	8.24	0.34	0.34			3350					SR 237 NB exit ramp to I-480 EB			
LAK	SR-2												Mentor Corp Line to 6-lane			
		13.05	13.20	0.30	0.30			0.90					6-lane to 4-lane			
		13.20	13.23	0.06	0.06			0.12		650			SR 2 EB at lane drop from 3 to 2 lanes (6" Dotted Line>>2' Dash-6' Gap)			
		16.58	18.86	4.56	4.56			4.56					LAK-2-10.13 PID 107378 (Resurfaced in 2021, Epoxy)			
												Painesville Corp Line to US 20				
		17.52		0.16	0.16			290		460			SR 2 EB Exit Ramp to SR 535			
		18.86		0.24	0.24			480		580			SR 2 WB Entrance Ramp from SR 535			
								1300					SR 2 EB Exit Ramp to US 20			
										650			SR 2 EB at lane drop from 2 to 1 lane			
LAK	SR-44	3.85	4.89	2.08				2.08				1.04		SR 44 to Painesville Corp Line		
		3.85		0.22	0.22			650		880			SR 44 NB Exit Ramp to SR 84			
				0.19	0.19			480		880				SR 44 NB Entrance Ramp from SR 84		
				0.17	0.17			430		590				SR 44 SB Exit Ramp to SR 84		
				0.29	0.16			1430		640		0.04		SR 44 SB Entrance Ramp from SR 84		
		4.93		0.32	0.25			440		820				SR 44 NB Entrance Ramp from US 20 (only SR 44, ODOT does not maintain ramp)		
		5.52	6.52	2.00	2.00			410		640		1.00		SR 44 SB Exit Ramp to US 20 (only SR 44, ODOT does not maintain ramp)		
		6.52		0.48	0.44			320	600					Painesville Corp line to SR 2		
		6.52		0.27	0.23			1140						SR 44 NB Exit Ramp to SR 2 EB		
														SR 44 NB Exit Ramp to SR 2 WB		
SHEET SUB-TOTAL		9.00		4.92	5.04	4.48		9.74	17050	1040	9140	975	2.08			
GRAND TOTAL				607.73				458.80	231977	119885	58770	2.08				

## SUB-SUMMARY - LONG LINE

DESIGN AGENCY

DESIGNER  
**FLK**

REVIEWER  
**FLK** 08/09/23

PROJECT ID  
**107324**

SHEET TOTAL  
**P.19** / **88**








# D12-PM-FY2024

MODEL: Sheet PAPER SIZE: 8.5x11 (in.) DATE: 12/5/2023 TIME: 11:15:57 AM USER: fkonopka  
 pw:\hondod-pw.berlily.com\hondod-pw-02\Documents\OT Active Projects\District 12\_D12\107324\400-Engineering\Traffic\Sheets\107324\_TS054.dgn

COUNTY	ROUTE	S.L.M.		RPM MISC.: REPLACEMENT OF RAISED PAVEMENT MARKER	RPM REFLECTOR		RPM, AS PER PLAN	WHITE	YELLOW	YELLOW / YELLOW	WHITE / RED	YELLOW / RED	REMARKS
		TO	FROM		EACH	EACH							
LAK	SR-44	7.96	8.34		50	50		50					Mentor Corp Line to Grand River Corp Line
		9.37	9.53		21	21		21					Grand River Corp Line to Headlands Road
		8.30			7	7		7					Temple Road
		9.53			16	16		16					Headlands Road (only SR 44)
LAK	SR-84	30.47	31.95		98	98		16	98				Madison Corp Line to Ashtabula County Line
		31.95			16	16							County Line Road (eastbound approach only)
LAK	SR-86	5.54	10.21		308	308			308				Vrooman Road to Geauga County Line
**				800									** TO BE USED AS DIRECTED BY THE ENGINEER IR-480, Tuxedo Ave. Overpass to IR-77 Interchange
SHEET SUB-TOTAL					800	516							
TOTALS TO GENERAL SUMMARY					800	13687							



DESIGN AGENCY

DESIGNER	FLK
REVIEWER	FLK 03/29/23
PROJECT ID	107324
SHEET TOTAL	P.61 88

SUB-SUMMARY - RPM