

REF. NO.	PHASE	LOCATION	STATION		SIDE	614	614	614	614	614	614	614	614	622	614	614	614	614	620	615	615
			WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	MAINTAINING TRAFFIC, MISC.: REMOVE AND RECONSTRUCT MEDIAN FOR CROSSOVER		WORK ZONE LANE LINE, CLASS I, 4", 740.06, TYPE I	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I	WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I	WORK ZONE ARROW, CLASS I, 740.06, TYPE I	PORTABLE BARRIER, UNANCHORED	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL)	OBJECT MARKER, ONE WAY	OBJECT MARKER, TWO WAY	DELINEATOR, POST SURFACE MOUNTED	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	ROADS FOR MAINTAINING TRAFFIC		
			FROM	TO		EACH	SF	MILE	MILE	MILE	FT	FT	EACH	FT	EACH	EACH	EACH	EACH	EACH	SY	LS
BU201	1	W 117TH ST	47+55	50+95	RT									340	7		7				
CH201	1	W 117TH ST	43+14	43+59	RT						51										
CH202	1	W 117TH ST	46+27	47+52	LT/RT						127										
CH203	1	W 117TH ST	46+27	47+52	RT						126										
CH204	1	W 117TH ST	46+27	47+52	RT						126										
CH205	1	W 117TH ST	50+93	52+18	LT/RT						127										
CH206	1	W 117TH ST	50+93	52+18	RT						126										
CH207	1	W 117TH ST	50+93	52+18	RT						126										
CL201	1	W 117TH ST	46+27	53+43	LT				0.14												
CL202	1	W 117TH ST	46+27	47+52	LT/RT				0.02												
CL203	1	W 117TH ST	50+93	52+18	LT/RT				0.02												
DL201	1	W 117TH ST	43+75	44+47	LT/RT							113									
DL202	1	W 117TH ST	43+87	44+47	LT/RT							97									
DL203	1	W 117TH ST	53+43	54+11	LT/RT							117									
DL204	1	W 117TH ST	53+43	53+99	LT/RT							98									
EW201	1	W 117TH ST	43+14	46+27	RT				0.06												
EW202	1	W 117TH ST	47+52	50+93	LT				0.06												
EW203	1	W 117TH ST	47+52	50+93	LT				0.06												
EW204	1	W 117TH ST	47+52	50+93	RT				0.06												
EW205	1	W 117TH ST	47+52	50+93	RT				0.06												
EW206	1	W 117TH ST	52+18	52+73	RT				0.01												
FD201	1	W 117TH ST	47+63	50+81	CL													16			
IA201	1	W 117TH ST		47+55	RT	1															
IA202	1	W 117TH ST		50+95	RT	1															
LL201	1	W 117TH ST	46+27	52+18	LT			0.11													
MT201	1	W 117TH ST	46+20	47+63	CL		574													64	LS
MT202	1	W 117TH ST	50+81	52+22	CL		532													60	LS
TOTALS CARRIED TO GENERAL SUMMARY						2	1106	0.11	0.18	0.33	807	426	0	340	7	0	7	0	16	124	LS

MAINTENANCE OF TRAFFIC SUBSUMMARY
 LOCATION 1 (CUY-90-1062)



DESIGN AGENCY
NEAS
 National Engineering & Architectural Services Inc.
 2800 CORPORATE EXCHANGE DR.
 SUITE 240
 COLUMBUS, OH, 43231
 TEL: 614.714.0299
 WWW.NEASINC.COM

DESIGNER	MWJ
REVIEWER	JS
PROJECT ID	105909
SUBSET	TOTAL
1	11
SHEET	TOTAL
13	110

- LEGEND**
- AR### WORK ZONE ARROW, CLASS I, 740.06, TYPE I
 - BU### PORTABLE BARRIER, UNANCHORED
 - CH### WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I
 - CL### WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I
 - DL### WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I
 - EW### WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I
 - FD### DELINEATOR, POST SURFACE MOUNTED
 - IA### WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)
 - LL### WORK ZONE LANE LINE, CLASS I, 4", 740.06, TYPE I
 - MT### MAINTAINING TRAFFIC, MISC.: REMOVE AND RECONSTRUCT MEDIAN FOR CROSSOVER

EXISTING MEDIAN REMOVED, AND ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A

WORK ZONE

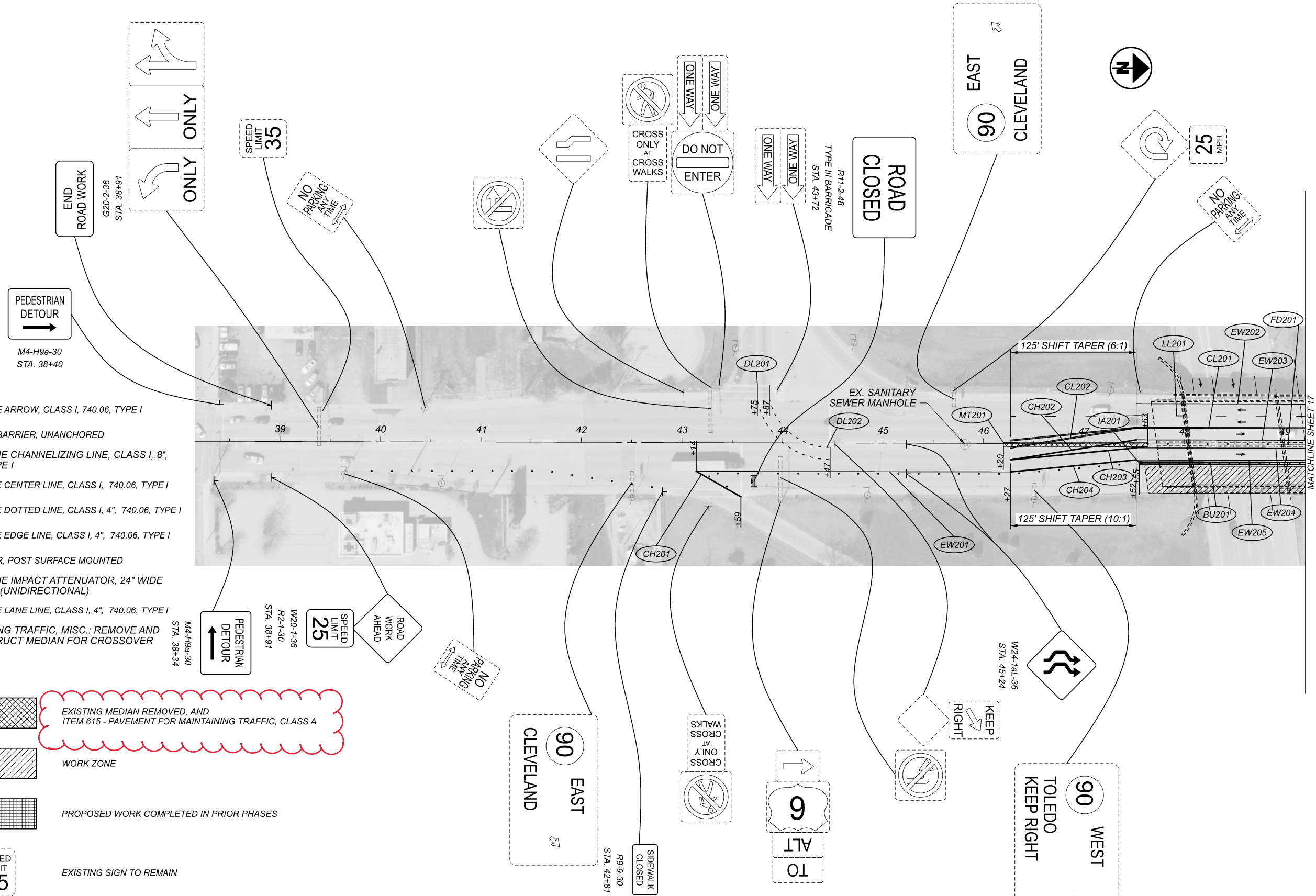
PROPOSED WORK COMPLETED IN PRIOR PHASES

EXISTING SIGN TO REMAIN

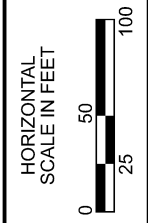
EXISTING SIGN COVERED DURING MAINTENANCE OF TRAFFIC

DRUM/DELINEATOR SPACING CHART

	MAX SPACING
TANGENT	20'
TAPERS	20'



NOTE TO CONTRACTOR: IF NECESSARY, ADJUST MEDIAN CROSSOVER REMOVAL LOCATION TO AVOID CONFLICT WITH EXISTING SANITARY SEWER MANHOLE.



MAINTENANCE OF TRAFFIC - PHASE 1 SOUTHERN SECTION
 LOCATION 1 (CUY-90-1062)

DESIGN AGENCY
NEAS
 2800 CORPORATE EXCHANGE DR.
 SUITE 240
 COLUMBUS, OH, 43231
 TEL: 614.714.0299
 WWW.NEASINC.COM

DESIGNER: MWJ
 REVIEWER: JS
 PROJECT ID: 105909
 SUBSET: 4 TOTAL: 11
 SHEET: 16 TOTAL: 110

SHEET NUM.											PART.	ALT	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
9	10	13	14	15	24	25	26	27			01/IMS/47	(X)	EXT	TOTAL				
MAINTENANCE OF TRAFFIC																		
288											288		614	11110	288	HOUR	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	
		2	8	2				4			16		614	12380	16	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
											LS		614	12420	LS		DETOUR SIGNING	
		7	14	7							28		614	13310	28	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)	
			14					6			20		614	13310	20	EACH	BARRIER REFLECTOR, TYPE 1 (BI-DIRECTIONAL)	
		7	14	7							28		614	13350	28	EACH	OBJECT MARKER, ONE WAY	
			14					6			20		614	13360	20	EACH	OBJECT MARKER, TWO WAY	
		1,106									1,106		614	18010	1,106	SF	MAINTAINING TRAFFIC, MISC.: REMOVE AND RECONSTRUCT MEDIAN FOR CROSSOVER	
1		0.11	0.22	0.15							0.48		614	18601	1	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	10
											0.48		614	20200	0.48	MILE	WORK ZONE LANE LINE, CLASS I, 4", 740.06, TYPE I	
		0.18	0.32	0.2				0.15			0.85		614	21200	0.85	MILE	WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I	
		0.33	0.44	0.32				0.03			1.12		614	22200	1.12	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I	
					0.05	0.1					0.15		614	22210	0.15	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I	
		807	984	821	432	512		767			4,323		614	23400	4,323	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, TYPE I	
		426	184	408				93			1,111		614	24400	1,111	FT	WORK ZONE DOTTED LINE, CLASS I, 4", 740.06, TYPE I	
						545					545		614	24404	545	FT	WORK ZONE DOTTED LINE, CLASS I, 8", 740.06, TYPE I	
			3		9	16					28		614	30400	28	EACH	WORK ZONE ARROW, CLASS I, 740.06, TYPE I	
		LS									LS		615	10000	LS		ROADS FOR MAINTAINING TRAFFIC	
		124									124		615	20000	124	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	
		16		16							32		620	60000	32	EACH	DELINEATOR, POST SURFACE MOUNTED	
		340	1,360	340				260			2,300		622	41100	2,300	FT	PORTABLE BARRIER, UNANCHORED	
INCIDENTALS																		
											LS		614	11000	LS		MAINTAINING TRAFFIC	
											12		619	16010	12	MNTH	FIELD OFFICE, TYPE B	
											LS		623	10001	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	4
											LS		624	10000	LS		MOBILIZATION	

DESIGN AGENCY



OSBORN ENGINEERING
 1100 Superior Avenue Suite 300
 Cleveland, OH 44114
 (216) 861-5000 www.osborneng.com

DESIGNER: MJD
 REVIEWER: JDH 12-13-22
 PROJECT ID: 105909
 SHEET TOTAL: 33 | 110