STRUCTURE NUMBER	MP 169.6			MP 172.9							ITEM		GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
SHEET NUMBER	4	10	12 - 13	4	29	30	31	32	40	52						
															TRAFFIC CONTROL	
										26	626		26	EACH	BARRIER REFLECTOR, TYPE 1, 1-WAY	
										6	626		6	EACH	BARRIER REFLECTOR, TYPE 2, 1-WAY	
	0.16									0.28	642		0.44	MILE	EDGE LINE, 4"	
										0.46	642		0.46	MILE	EDGE LINE, 6"	
1										0.28	642		0.28	MILE	LANE LINE, 4"	
										0.46	642		0.46	MILE	LANE LINE, 6"	
	0.08									0.28	642		0.36	MILE	CENTER LINE	
										65	642		65	FT	STOP LINE	
										2	642		2	EACH	LANE ARROW	
															MAINTENANCE OF TRAFFIC	
								10			614		10	CY	ASPHALT CONCRETE FOR MAINTENANCE OF TRAFFIC	
							1,734				SP 614		1,734	HOUR	ZONE PERSON	
									7		614		7	EACH	WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL)	
									3		614		3	EACH	WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL)	
		5						5			614		10	EACH	REPLACEMENT SIGN	
									108		614		108	EACH	BARRIER REFLECTOR, TYPE 1 (ONE-WAY)	
								2	108		614		108	EACH	OBJECT MARKER, ONE WAY	
									0.14		SP 614B		0.14	MILE	WORK ZONE LANE LINE, 4 INCH	
									1.77		SP 614B		1.77	MILE	WORK ZONE EDGE LINE, 4 INCH	
								2	0.81		SP 614B		0.81	MILE	WORK ZONE EDGE LINE, 6 INCH	
									312		SP 614B		312	FT	WORK ZONE CHANNELIZING LINE, 8 INCH	
									490		SP 614B		490	FT	WORK ZONE CHANNELIZING LINE, 12 INCH	
								2	669		SP 614B		669	FT	WORK ZONE DOTTED LINE, 4 INCH	
									28		SP 614B		28	FT	WORK ZONE STOP LINE, 12 INCH	
								6.2			616		6.2	MGAL	WATER	
								2	3,118		SP 622		3,118	FT	PORTABLE BARRIER, UNANCHORED	
									1,270		SP 622		1,270	FT	PORTABLE BARRIER, ANCHORED	
									876		622		876	FT	GLARE SCREEN	
		12									630		12	EACH	SIGNING MISC: LOW CLEARANCE SIGN	
		16						300			630		316	SF	SIGNING MISC: ADDITIONAL SIGNS, GROUND MOUNTED, AS DIRECTED BY ENGINEER	
															GENERAL	
											SP 614		1	LUMP	MAINTAINING TRAFFIC	
											SP 619		1	LUMP	FIELD OFFICE	
											SP 623		1	LUMP	CONSTRUCTION LAYOUT SURVEY	
											624		1	LUMP	MOBILIZATION	
											IB.ART.6		1	LUMP	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	

DESIGN AGENCY: Tran Systems

NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 1	SS	11/21
2	ADDENDUM NO. 2	SS	11/21
-	-	-	-

CHECKED: GAH — IN CHARGE: NFF

DESIGNED: SS — DRAWN: SS

GENERAL SUMMARY

EAST EDGERTON AND STATE ROUTE 21 OVER OHIO TURNPIKE
M.P. 169.6 AND M.P. 172.9 CUYAHOGA AND SUMMIT COUNTY

PROJECT 43-22-05

DATE: 02/25/2021

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

GG001.dwg; 12/01/21 - 11:41am

ITEM	MP 169.6	MP 172.9	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
					STRUCTURES	
SP 202	1	1	1	LUMP	PORTIONS OF STRUCTURE REMOVED	2
203	-	4,140	4,140	CY	EMBANKMENT, AS PER PLAN	3
503	-	1	1	LUMP	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (TEMPORARY WALL 1)	3
503	-	1	1	LUMP	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN (TEMPORARY WALL 2)	3
503	-	27	27	CY	ROCK EXCAVATION	
507	-	900	900	FT	STEEL PILES HP10X42, FURNISHED, AS PER PLAN	3
507	-	330	330	FT	PREBORED HOLES, AS PER PLAN	3
509	100	-	100	LB	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL	2
SP 509	87,433	182,983	270,416	LB	EPOXY COATED REINFORCING STEEL, GRADE 60	
510	24	-	24	EACH	DOWEL HOLES WITH NON-SHRINK, NON-METALLIC GROUT	
511	-	14	14	CY	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING	
511	1	52	53	CY	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS	
511	-	172	172	CY	CLASS QC1 CONCRETE WITH QC/QA, FOOTING	
SP 511B	294	535	829	CY	CLASS HP4 CONCRETE, SUPERSTRUCTURE DECK SLAB	
SP 511B	47	-	47	CY	CLASS HP4 CONCRETE, ABUTMENT SLAB	
SP 511B	4	4	8	CY	CLASS HP4 CONCRETE, FOR PRE-PLACEMENT TESTING	
SP 511B	95	76	171	CY	CLASS S CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT	
512	-	4	4	SY	TYPE 2 WATERPROOFING	
513	-	569,000	569,000	LB	STRUCTURAL STEEL MEMBERS, LEVEL 3	
1 513	84	4,152	4,236	EACH	WELDED STUD SHEAR CONNECTORS	
516	-	146	146	FT	ARMORLESS PREFORMED JOINT SEAL	
516	-	125	125	SF	1/2" PREFORMED EXPANSION JOINT FILLER	
516	-	152	152	SF	1" PREFORMED EXPANSION JOINT FILLER	
516	-	53	53	SF	2" PREFORMED EXPANSION JOINT FILLER	
516	-	187	187	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	
516	6	-	6	EACH	RESET BEARING	2
516	-	8	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)	
516	-	8	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (REAR ABUTMENT)	68
516	-	8	8	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (FORWARD ABUTMENT)	68
SP 516A	20	-	20	FT	CRACK REPAIR USING EPOXY INJECTION	2
SP 516B	634	1,958	2,592	FT	SEALING OF CONSTRUCTION JOINTS	
SP 516J	12	-	12	EACH	REPLACE FIXED BEARING DEVICE	
518	-	128	128	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	
518	-	186	186	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	
518	-	77	77	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN	61
SP 519	72	-	72	SF	PATCHING CONCRETE STRUCTURES	
526	160	-	160	SY	REINFORCED CONCRETE APPROACH SLABS (T=12"), AS PER PLAN	19
526	-	326	326	SY	REINFORCED CONCRETE APPROACH SLABS (T=13")	
526	-	144	144	FT	TYPE C INSTALLATION	
SP 527	1	1	1	LUMP	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	
SP 533	97	-	97	FT	THREE (3) INCH CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	
SP 533A	97	-	97	FT	1½ INCH ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINTS	
SP 536	1,230	1,967	3,197	SY	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS	
SP 536	458	319	777	SY	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	
601	-	783	783	SY	CRUSHED AGGREGATE SLOPE PROTECTION	
SP 607	622	497	1,119	FT	TYPE II FENCE, ALL ALUMINUM (6'-0" CHAIN LINK WITH SPECIALS)	
867	-	1	1	LUMP	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL	

DESIGN AGENCY: Tran Systems

NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 2	ZTW	11/21
-	-	-	-
-	-	-	-

DESIGNED ZTW | DRAWN ZTW | CHECKED EA | IN CHARGE NFF

OHIO TURNPIKE
EAST EDGERTON AND STATE ROUTE 21 OVER OHIO TURNPIKE
M.P. 169.6 AND M.P. 172.9 CUYAHOGA AND SUMMIT COUNTY

GENERAL SUMMARY

PROJECT 43-22-05
DATE: 02/25/2021

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

GG001.dwg: 12/01/21 - 11:52am

MAINTENANCE OF TRAFFIC - MP-172.9 (STATE ROUTE 21)

MAINTENANCE OF TRAFFIC SEQUENCE:

THESE PLANS ARE BASED ON THE FOLLOWING SUGGESTED SEQUENCE OF CONSTRUCTION.

BOTH DIRECTIONS OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND MAKING ADJUSTMENTS TO THE EXISTING SPAN WIRE TRAFFIC SIGNAL ITEMS/EQUIPMENT AS SHOWN ON THE PLANS.

PHASE 1
THIS PHASE WILL CONSIST OF REMOVING AND CONSTRUCTING THE NORTHBOUND BRIDGE DECK, PARAPET WALL, FENCE, ETC. IT WILL ALSO INCLUDE CONSTRUCTION OF TWO EXISTING COMMERCIAL DRIVEWAYS ON EAST SIDE OF STATE ROUTE 21 JUST NORTH OF BRIDGE.

CONSTRUCT PARTIAL SECTION OF NEW MEDIAN BARRIER, TRANSITION AND BRIDGE PIERS ON THE OHIO TURNPIKE. 1

PHASE 1B
THIS PHASE WILL CONSIST OF SHIFTING THE NORTHBOUND SINGLE LANE TRAFFIC ONTO THE NEWLY CONSTRUCTED PAVEMENT FROM PHASE 1 TO THE OUTSIDE EDGE AND SHIFTING THE SOUTHBOUND SINGLE LANE TRAFFIC TO THE OUTSIDE EDGE. CONSTRUCT THE REMAINING FULL DEPTH PAVEMENTS AND RESURFACING SECTIONS IN THE MIDDLE AREAS NORTH AND SOUTH OF THE BRIDGE DECK AS SHOWN ON THE PLANS.

PHASE 2
THIS PHASE WILL CONSIST OF REMOVING AND CONSTRUCTING THE SOUTHBOUND BRIDGE DECK, PARAPET WALL , FENCE, SIDEWALK, ETC.

CONSTRUCT THE REMAINING FULL DEPTH PAVEMENTS AND RESURFACING SECTIONS ON STATE ROUTE 21. SHORT TERM CLOSURES OR LANE REDUCTION DURING OFF PEAK HOURS MAY BE REQUIRED TO COMPLETE THE PAVEMENT WORK AS DIRECTED BY THE ENGINEER.

TRAFFIC WILL BE MAINTAINED USING THE EXISTING TRAFFIC SIGNAL AS DETAILED ON THE FOLLOWING SHEETS AND STANDARD CONSTRUCTION DRAWINGS. EXISTING SIGNAL HEADS AND SIGNAL OPERATIONS SHALL BE ADJUSTED TO ACCOMMODATE MOT SCHEME. PEDESTRIAN TRAFFIC WILL NOT BE MAINTAINED.

CONSTRUCT PARTIAL SECTION OF NEW MEDIAN BARRIER, TRANSITION AND BRIDGE PIERS ON THE OHIO TURNPIKE. AFTER COMPLETION OF NEW MEDIAN BARRIER AND BRIDGE PIERS, INSTALL NEW GUARDRAIL ALONG THE OUTSIDE SHOULDERS OF THE OHIO TURNPIKE AS SHOWN ON PLANS.

MAINTAINING TRAFFIC

GENERALLY, THE CONTRACTOR SHALL CONDUCT OPERATIONS AS TO COMPLETE THE PROPOSED IMPROVEMENT WITH A MINIMUM OF HAZARD, DELAY AND INCONVENIENCE TO THE MOTORISTS USING THE HIGHWAY AFFECTED BY THE WORK DONE UNDER THIS CONTRACT.

THE CONTRACTOR'S RESPONSIBILITY TO THE SAFETY OF THE MOTORING PUBLIC WHILE PERFORMING THE REQUIREMENTS OF THE CONTRACT SHALL BE IN ACCORDANCE WITH THESE TEMPORARY TRAFFIC CONTROL PLANS, THE SPECIFICATIONS AND SPECIAL PROVISIONS, THE CURRENT EDITION, LATEST REVISION OF THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (OMUTCD). IN ADDITION TO THE CONSTRUCTION AND MATERIAL SPECIFICATIONS, THE FOLLOWING SPECIFIC PROVISIONS ARE MANDATORY.

THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE ALL TRAFFIC CONTROL DEVICES AS PER SP 614 MAINTAINING TRAFFIC, AND THE DETOUR PLANS INCLUDING BARRICADES AND SIGNS IN ACCORDANCE WITH THE OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION (OTIC) STANDARD DRAWINGS AND OHIO DEPARTMENT OF TRANSPORTATION (ODOT) STANDARD CONSTRUCTION DRAWINGS AND THE OMUTCD. DETOUR SIGNS AND SUPPORTS SHALL BE ERECTED AND MAINTAINED BY THE CONTRACTOR.

I. WORK HOURS

NIGHT WORK IS NOT PERMITTED DUE TO THE RESIDENTIAL NATURE OF THE SURROUNDING AREAS. LIMIT WORK HOURS TO DAYLIGHT HOURS BETWEEN 7:00 AM AND 9:00 PM, MONDAY THROUGH FRIDAY OR BETWEEN 8:30 AM AND 8:00 PM ON SATURDAY AND SUNDAY.

II. LANE CLOSURE

ALL LANE CLOSURES SHALL BE IN ACCORDANCE WITH SP 614, THE OMUTCD AND APPLICABLE OTIC/ODOT STANDARD DRAWING(S).

OTIC TEMPORARY TRAFFIC CONTROL PHASE DATES, LANE REDUCTION TIME LIMITATIONS, AND LIQUIDATED DAMAGE CLAUSES ARE CONTAINED IN THE FOLLOWING SPECIAL PROVISIONS:

SP 103, CONSTRUCTION PHASING AND TIME OF COMPLETION
SP 104, ACCESS TO TURNPIKE AND RESTRICTIONS
SP 107, TIME OF ESSENCE - LIQUIDATED DAMAGES

III. MAINTENANCE OF TRAFFIC SYSTEMS

A. WHEN REQUIRED

WHENEVER ANY PART OF THE TRAVELED SURFACE IS BEING WORKED UPON OR IS OTHERWISE NOT SUITABLE FOR SAFE AND CONVENIENT USE BY VEHICLES, TRAFFIC CONTROL DEVICES SUFFICIENT TO PROTECT SUCH AREAS TO ASSURE THE SAFE AND CONVENIENT PASSAGE OF VEHICULAR TRAFFIC SHALL BE INSTALLED AND MAINTAINED. SUCH TRAFFIC CONTROL DEVICES AND THE MANNER IN WHICH THEY ARE USED SHALL BE CONSISTENT WITH THESE PLANS, SP 614, THE OMUTCD OR AS SHOWN IN THE OTIC/ODOT STANDARD DRAWING(S). THE TRAFFIC CONTROL DEVICE SYSTEM SHALL CONSTITUTE THE MINIMUM PROVISIONS FOR TRAFFIC CONTROL FOR EACH PARTICULAR SITUATION. WHENEVER THE ENGINEER DEEMS IT NECESSARY ESPECIALLY WHERE A GRADE, CURVE, OR MERGE CONDITIONS EXISTS, HE/SHE MAY DIRECT THAT ADDITIONAL OR ALTERNATIVE DEVICES BE USED.

B. CONDITIONS

DURING ALL PARTS OF THIS PROJECT, FLAGGERS, SIGNING, BARRICADES, FLASHING ARROWS, ETC. SHALL BE LOCATED AS INDICATED IN THE OMUTCD OR AS SHOWN IN THE OTIC/ODOT STANDARD DRAWING(S). TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.

C. ADVANCE WARNING SIGNS

ALL ADVANCE WARNING SIGNS FOR ANY CONDITION WHICH RESTRICTS TRAFFIC SHALL BE ERECTED BEFORE ANY SUCH RESTRICTION IS PUT INTO EFFECT ALL SUCH SIGNS SHALL BE COVERED OR REMOVED FROM THE VIEW OF TRAFFIC WHENEVER THEY ARE NOT APPLICABLE.

D. FLASHING ARROW REQUIREMENT

WHENEVER ANY PART OF THE TRAVELED SURFACE IS CLOSED, THE MOTORISTS SHALL BE WARNED AND DIRECTED BY THE CONTRACTOR THROUGH THE USE OF ONE FLASHING ARROW FOR EACH LANE CLOSED. ADDITIONALLY, THE PROVISIONS SET FORTH IN SP 614, THE OMUTCD AND THE APPLICABLE OTIC/ODOT STANDARD DRAWING(S) SHALL BE MET.

E. FLAGGERS

THE CONTRACTOR SHALL FURNISH ADDITIONAL FLAGGERS AS DIRECTED BY THE ENGINEER.

F. MAINTENANCE OF TRAFFIC CONTROL ZONES

THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE SIGNS, DRUMS AND TEMPORARY PAVEMENT MARKINGS AT THE LOCATIONS DETAILED IN THE PLANS OR SPECIFIED IN THE OTIC/ODOT STANDARD DRAWINGS. THE CONTRACTOR SHALL IMMEDIATELY CORRECT ANY DEFICIENCY IN TRAFFIC ZONE ALIGNMENT, EQUIPMENT, NUMBER OF DEVICES OR PROCEDURE OF FLAG PERSONS WHICH IS BROUGHT TO HIS/HER ATTENTION BY THE ENGINEER.

G. FAILURE TO COMPLY

IF THERE IS ANY FAILURE TO COMPLY WITH PROVISIONS FOR TRAFFIC CONTROL SET OUT IN THESE PLANS AND NOTES, OR WITH THE PROVISIONS OF SP 614, THE OMUTCD, OR AS SHOWN IN THE OTIC/ODOT STANDARD DRAWING(S), THE HIGHWAY IN THE VICINITY OF THE WORK AREA SHALL NOT BE CONSIDERED IN A CONDITION FOR THE SAFE AND CONVENIENT USE BY THE TRAVELING PUBLIC. ANY FAILURE TO KEEP THE HIGHWAY, IN THE VICINITY OF THE WORK AREA, IN A CONDITION FOR THE SAFE AND CONVENIENT USE BY THE TRAVELING PUBLIC SHALL BE CONSIDERED A BREACH OF THIS CONTRACT. WORK SHALL BE SUSPENDED UNTIL THE CONTRACTOR COMPLIES WITH THE PROVISIONS OF THE AFOREMENTIONED ITEMS.

IV. SAFETY

SAFETY AND CONTINUITY OF OPERATIONS OF TRAFFIC ON THE OHIO TURNPIKE SHALL BE OF THE UTMOST IMPORTANCE AND SHALL AT ALL TIMES BE PROTECTED AND SAFEGUARDED. THE CONTRACTOR SHALL DAILY, NOT LATER THAN 12 O'CLOCK PM (NOON), INFORM THE RESIDENT ENGINEER AS TO HIS PREPARATIONS AND METHOD OF WORK FOR THE FOLLOWING DAY WHENEVER SUCH WORK SHALL BE SUBMITTED TO THE CHIEF ENGINEER FOR HIS APPROVAL, WITHOUT WHICH IT SHALL NOT BE COMMENCED OR PROSECUTED.

V. MAINTENANCE OF TRAFFIC MATERIALS

A. SIGNS

SIGN DIMENSIONS AND SPECIFICATIONS, INCLUDING LETTER SIZES SHALL BE AS PROVIDED IN THE OMUTCD, OR IN OTIC/ODOT STANDARD DRAWING(S). THE SIGNS SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER PRIOR TO THE START OF THE PROJECT.

B. GUARDRAIL DELINEATION

GUARDRAIL DELINEATION SHALL CONSIST OF SP 626 BARRIER REFLECTORS INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS. THE DELINEATORS SHALL BE SPACED 100' (MIN), WITH ALL GUARDRAIL RUNS HAVING NO LESS THAN TWO (2) DELINEATORS (ONE DELINEATOR ON THE BEGIN AND ONE ON THE END OF THE GUARDRAIL RUN)

PAYMENT FOR GUARDRAIL DELINEATION SHALL BE INCLUDED WITH ITEM SP 614 MAINTAINING TRAFFIC. SUCH PAYMENT SHALL INCLUDE PROVIDING, INSTALLING, MAINTAINING, REPLACING DAMAGED DELINEATORS AND REMOVING, AS SPECIFIED, FOR THE ABOVE SAID GUARDRAIL DELINEATION.

C. PORTABLE BARRIER

ALL PORTABLE BARRIERS SHOWN ON THE PLANS FOR MAINLINE TEMPORARY TRAFFIC CONTROL WILL BE AS PER SP 622. THE SAME BARRIER CAN BE USED FOR THE VARIOUS PHASES. THE COST FOR TRANSPORTING, INSTALLING, MAINTAINING, REMOVAL AND STORING THE PORTABLE BARRIER FOR EACH PHASE SHALL BE INCLUDED IN THE ORIGINAL UNIT COST OF SUPPLYING THE BARRIER FOR ITEM SP 622.

THE CONTRACTOR SHALL REPLACE ANY DAMAGED PORTABLE BARRIER WITHIN 24 HOURS OF A DAMAGING IMPACT.

VI. PAYMENT

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH SP 614, AS SHOWN IN THE OTIC/ODOT STANDARD DRAWING(S), ODOT CONSTRUCTION & MATERIAL SPECIFICATION (C&MS) AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OMUTCD. PAYMENT FOR MAINTENANCE OF TRAFFIC ITEMS, UNLESS OTHERWISE SPECIFIED SEPARATELY, SHALL BE PAID FOR UNDER THE LUMP SUM BID FOR ITEM SP 614 – MAINTAINING TRAFFIC, WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT MATERIALS AND INCIDENTALS REQUIRED TO COMPLETE THE WORK AS DETAILED IN THE PLAN.

WORK ZONE PAVEMENT MARKINGS

SP 614B (TEMPORARY TAPE) SHALL BE USED FOR ALL WORK ZONE PAVEMENT MARKINGS INCLUDING BRIDGE DECKS WHERE THE WORK ZONE PAVEMENT MARKING IS NOT IN LINE WITH EXISTING/FINAL MARKINGS. SP 614B SHOULD ALSO BE USED WHERE A SOLID LINE (E.G. EDGE LINE, CHANNELIZING LINE, ETC.) IS BEING PLACED OVER TOP OF A BROKEN LINE (E.G. LANE LINE, DOTTED LINE, ETC.) REMOVAL METHODS LISTED IN SP 614C SHALL ALSO BE USED TO REMOVE ITEM 614 – WORK ZONE PAVEMENT MARKINGS.

ALL COSTS FOR THE PLACEMENT OF WORK ZONE PAVEMENT MARKINGS INCLUDING EQUIPMENT, LABOR AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM SP 614 - MAINTAINING TRAFFIC

SP 614C - REMOVAL OF PAVEMENT MARKINGS

ALL PAVEMENT MARKINGS WHICH ARE IN CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC PAVEMENT MARKINGS ARE TO BE REMOVED AS PER SP 614C - REMOVAL OF PAVEMENT MARKINGS.

REMOVAL OF EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY EITHER GRINDING OR WATER BLAST AS APPROVED BY THE CHIEF ENGINEER, IN ACCORDANCE WITH SP 614C.

BLACKOUT TAPE CAN BE USED PER SP 614A AND CMS 614.

MEASUREMENT OF THIS ITEM SHALL BE IN ACCORDANCE WITH SP 614C AND SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO REMOVE CONFLICTING PAVEMENT MARKINGS TO THE SATISFACTION OF THE CHIEF ENGINEER.

PAYMENT SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM SP 614-MAINTAINING TRAFFIC.

ITEM SP 614 - ZONE PERSON

THE ZONE PERSON REQUIREMENTS OF SP 614 - MAINTAINING TRAFFIC ARE MODIFIED AS FOLLOWS:

THE CONTRACTOR SHALL DESIGNATE A ZONE PERSON PER SP 614. WHILE ZONES ARE IN PLACE AND THE CONTRACTOR IS ACTIVELY WORKING ON THE PROJECT, THE ZONE PERSON SHALL MAINTAIN THE ZONE ON A CONTINUAL BASIS. THE ZONE PERSON SHALL REPAIR OR REPLACE ANY DAMAGED OR MISSING TEMPORARY TRAFFIC CONTROL DEVICES IMMEDIATELY. IN ADDITION, THE ZONE PERSON SHALL CONTINUALLY CHECK THE REFLECTIVE SURFACES OF ALL THE TRAFFIC CONTROL DEVICES TO ENSURE THAT THE DEVICES ARE CLEAN AND ARE PERFORMING THEIR INTENDED FUNCTION. THE ZONE PERSON SHALL HAVE NO OTHER CONSTRUCTION RELATED DUTIES.

WHILE ZONES ARE IN PLACE AND THE CONTRACTOR IS NOT ACTIVELY WORKING ON THE PROJECT, THE ZONE WILL BE MAINTAINED BY COMMISSION MAINTENANCE STAFF. THE COMMISSION MAINTENANCE STAFF WILL REPAIR OR REPLACE ANY DAMAGED OR MISSING TEMPORARY TRAFFIC CONTROL DEVICES. THE COMMISSION WILL NOTIFY THE CONTRACTOR OF THE REPLACED OR REPAIRED DEVICES. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REPLACE AND RETURN THE COMMISSION'S PROPERTY.

THE ZONE PERSON SHALL SUBMIT DOCUMENTATION VERIFYING THE STATUS OF TRAFFIC CONTROL AT THE END OF EACH SHIFT TO THE CHIEF ENGINEER.

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM SP 614 - ZONE PERSON ..... 1,734 HOURS

DESIGN AGENCY: Tran Systems

NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 2	SS	11/21
-	-	-	-
-	-	-	-

DESIGNED	CHECKED
SS	GAH
DRAWN	IN CHARGE
SS	NFF

MAINTENANCE OF TRAFFIC - GENERAL NOTES
STATE ROUTE 21 OVER OHIO TURNPIKE
M.P. 172.9 SUMMIT COUNTY

PROJECT 43-22-05
DATE: 02/25/2021

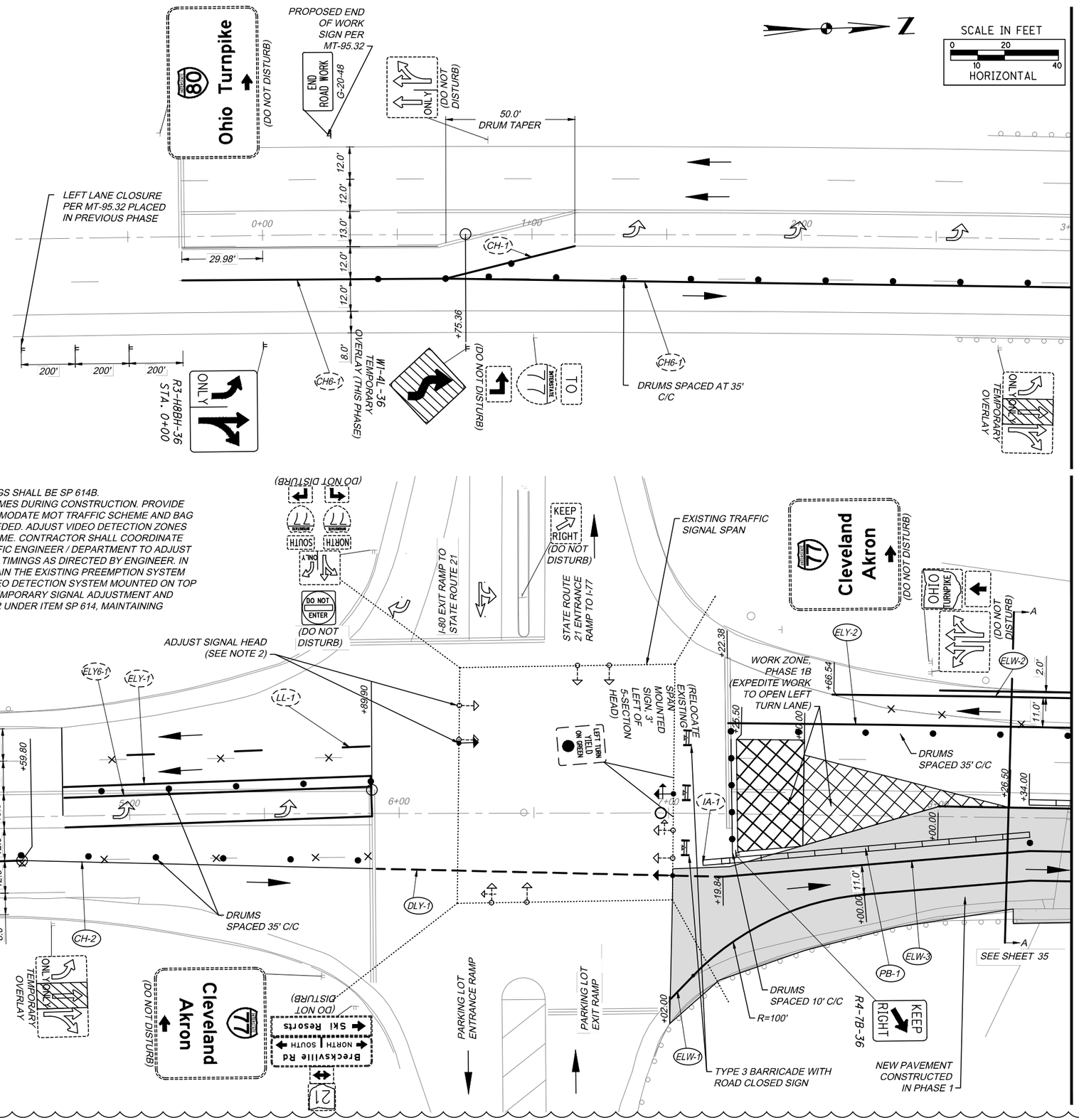
OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

MN001.dwg; 12/01/21 - 11:41am

MAINTENANCE OF TRAFFIC LEGEND

ELW	WORK ZONE WHITE EDGE LINE, 4 INCH	ELW6	WORK ZONE WHITE EDGE LINE, 6 INCH
ELY	WORK ZONE YELLOW EDGE LINE, 4 INCH	ELY6	WORK ZONE YELLOW EDGE LINE, 6 INCH
LL	WORK ZONE LANE LINE, 4 INCH	LL6	WORK ZONE LANE LINE, 6 INCH
CH	WORK ZONE CHANNELIZING LINE, 8 INCH	CH6	WORK ZONE CHANNELIZING LINE, 12 INCH
DLY	WORK ZONE YELLOW DOTTED LINE, 4 INCH		DRUMS
PB	PORTABLE BARRIER		ARROW BOARD
IA	WORK ZONE IMPACT ATTENTUATOR, 24" WIDE		WORK AREA
	EXISTING SIGN		TYPE 3 BARRICADE
	PROPOSED SIGN		PORTABLE BARRIER, UNANCHORED
	EXISTING SIGN - TO BE REMOVED		PORTABLE BARRIER, ANCHORED (SEE BRIDGE PLANS)
	DIRECTION OF TRAVEL		PORTABLE BARRIER WITH SPECIAL - GLARE SCREEN
	EXISTING SIGN		EXISTING SIGNAL HEAD (3-SECTION) (5-SECTION)
	TEMPORARY SIGN		TEMPORARY SIGNAL HEAD (3-SECTION) (5-SECTION)
	REMOVED PAVEMENT MARKING		

NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE SP 614B.
2. MAINTAIN EXISTING SIGNAL AT ALL TIMES DURING CONSTRUCTION. PROVIDE TEMPORARY SIGNAL HEADS TO ACCOMMODATE MOT TRAFFIC SCHEME AND BAG EXISTING / CONFLICTING HEADS AS NEEDED. ADJUST VIDEO DETECTION ZONES TO ACCOMMODATE MOT TRAFFIC SCHEME. CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF RICHFIELD TRAFFIC ENGINEER / DEPARTMENT TO ADJUST SIGNAL CONTROLLER, EQUIPMENT AND TIMINGS AS DIRECTED BY ENGINEER. IN ADDITION, CONTRACTOR SHALL MAINTAIN THE EXISTING PREEMPTION SYSTEM MOUNTED ON THE SPAN WIRE AND VIDEO DETECTION SYSTEM MOUNTED ON TOP OF SIGNAL POLES AT ALL TIMES. ALL TEMPORARY SIGNAL ADJUSTMENT AND ASSOCIATED WORK SHALL BE PAID FOR UNDER ITEM SP 614, MAINTAINING TRAFFIC.



NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 2	SS	11/21

DESIGNED SS | CHECKED GAH | DRAWN JCW | IN CHARGE NFF

DESIGN AGENCY: Tran Systems

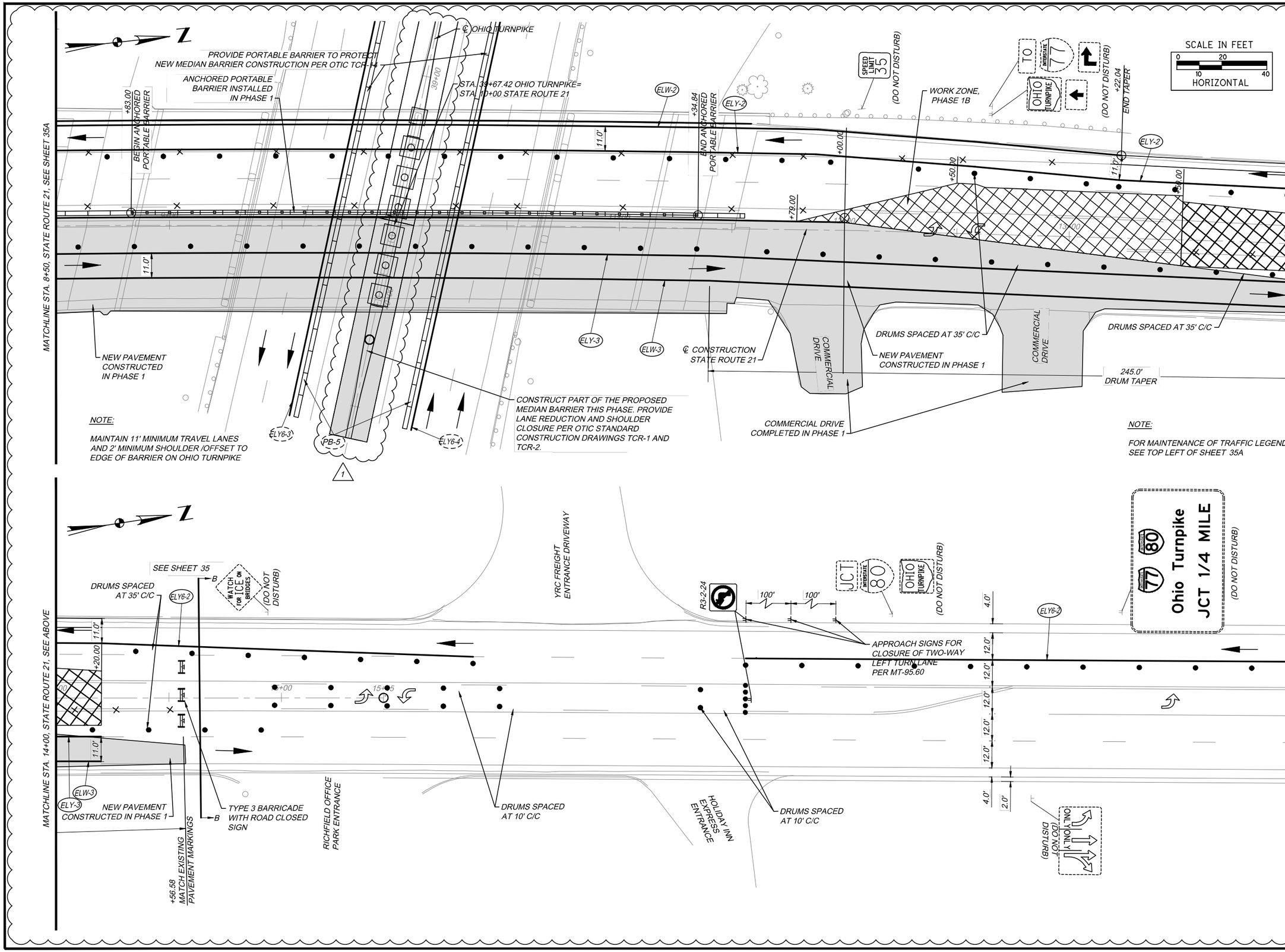
PROJECT 43-22-05

DATE: 02/25/2021

MAINTENANCE OF TRAFFIC PLAN - PHASE 1B
STATE ROUTE 21 OVER OHIO TURNPIKE
BEGIN PROJECT TO STA. 8+50

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

MP001_Phase1B_current.dwg: 12/01/21 - 11:41am



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DESIGNED	CHECKED	NO.	REVISIONS	BY	DATE
SS	GAH	1	ADDENDUM NO. 1	SS	11/21
DRAWN	IN CHARGE	2	ADDENDUM NO. 2	SS	11/21
JCW	NFF	-	-	-	-

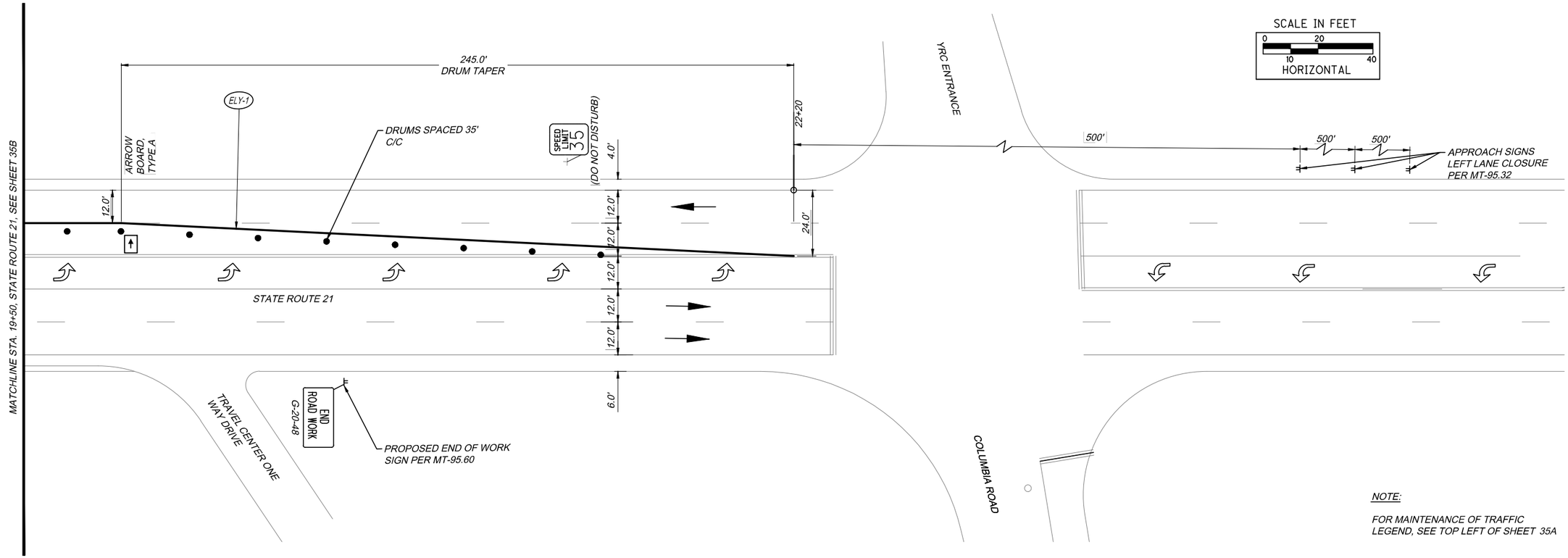
DESIGN AGENCY: Tran Systems

MAINTENANCE OF TRAFFIC PLAN - PHASE 1B
STATE ROUTE 21 OVER OHIO TURNPIKE
STA. 8+50 TO STA. 19+50

PROJECT 43-22-05
DATE: 02/25/2021

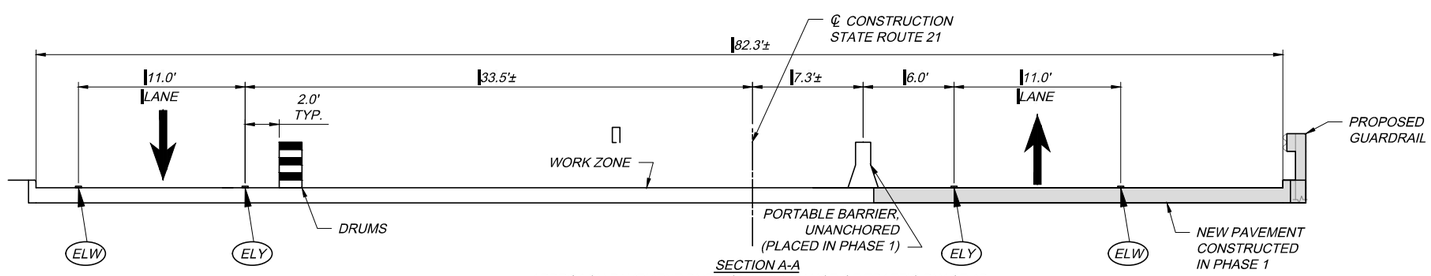
35B
76

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

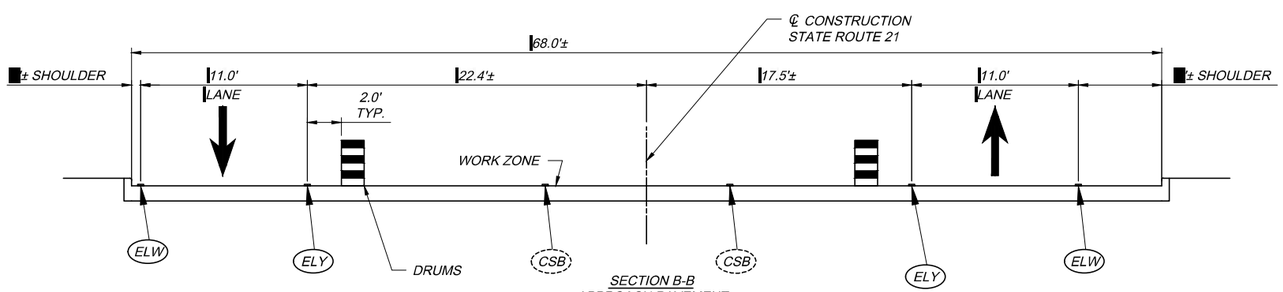


NOTE:

FOR MAINTENANCE OF TRAFFIC LEGEND, SEE TOP LEFT OF SHEET 35A



SECTION A-A
APPROACH PAVEMENT DURING MAINTENANCE OF TRAFFIC PHASE 1B
(SEE BRIDGE PLANS FOR PHASED CONSTRUCTION DETAILS ON BRIDGE DECK)



SECTION B-B
APPROACH PAVEMENT

LEGEND

XX	EXISTING LINE LABEL
ELW	WORK ZONE WHITE EDGE LINE
ELY	WORK ZONE EDGE LINE YELLOW
LL	WORK ZONE WHITE DASHED LANE LINE
CH	WORK ZONE WHITE CHANNELIZING LINE
DLY	DOTTED YELLOW LINE
CSB	CENTER LINE, SOLID, BROKEN LINE

1

DESIGN AGENCY: TranSystems

NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 2	SS	11/21
-	-	-	-
-	-	-	-

DESIGNED	CHECKED
SS	GAH
DRAWN	IN CHARGE
JCW	NFF

MAINTENANCE OF TRAFFIC PLAN - PHASE 1B
STATE ROUTE 21 OVER OHIO TURNPIKE
STA. 19+50 TO END PROJECT

PROJECT 43-22-05
DATE: 02/25/2021

35C
76

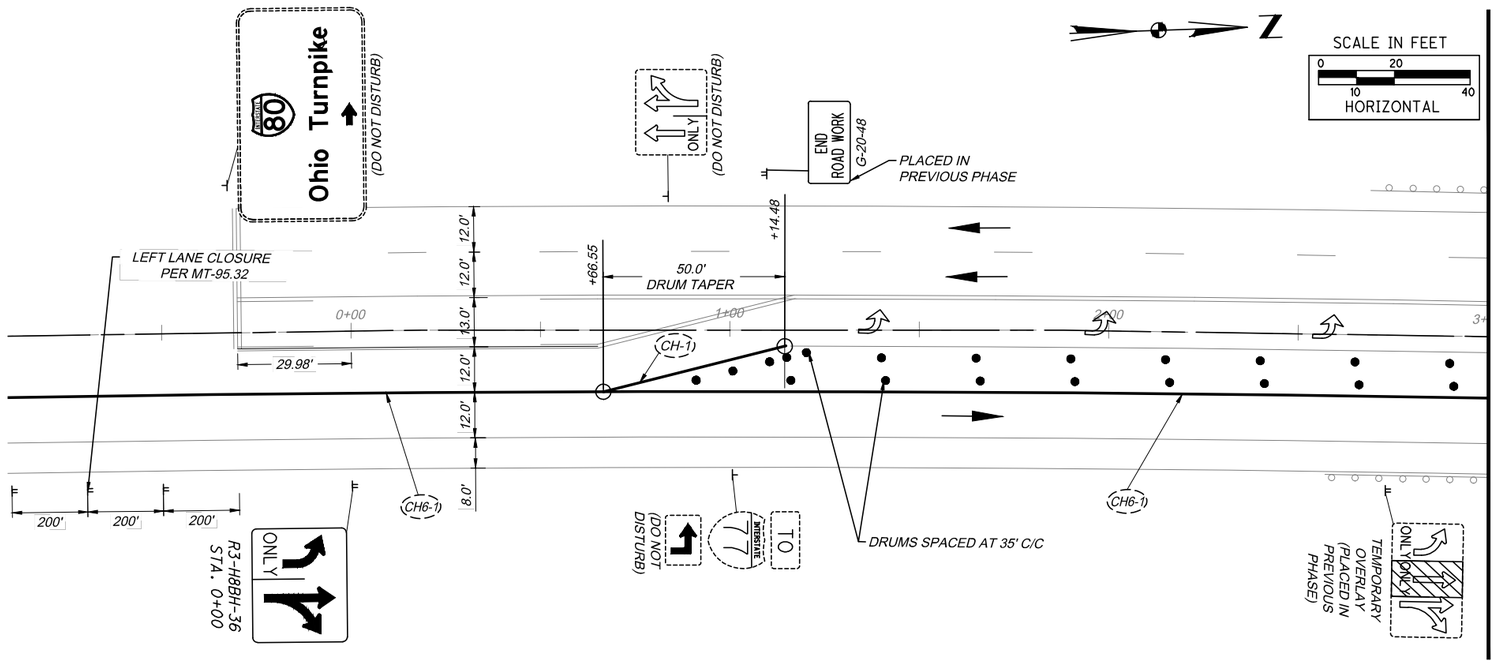
OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

MP001_Phase1B_current.dwg; 12/01/21 - 11:42am

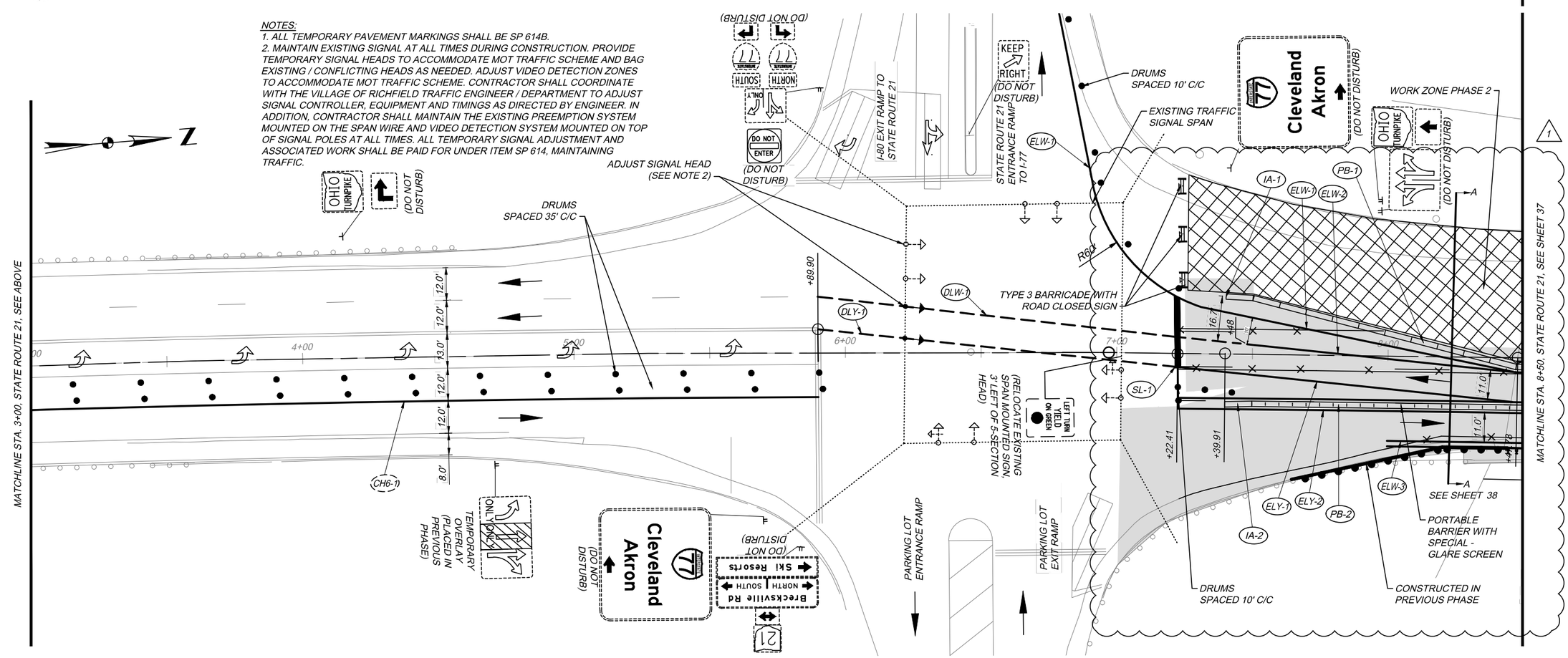
MAINTENANCE OF TRAFFIC LEGEND

ELW	WORK ZONE WHITE EDGE LINE, 4 INCH	ELW6	WORK ZONE WHITE EDGE LINE, 6 INCH
ELY	WORK ZONE YELLOW EDGE LINE, 4 INCH	ELY6	WORK ZONE YELLOW EDGE LINE, 6 INCH
LL	WORK ZONE LANE LINE, 4 INCH	LL6	WORK ZONE LANE LINE, 6 INCH
CH	WORK ZONE CHANNELIZING LINE, 8 INCH	SL	WORK ZONE STOP LINE, 12 INCH
DLY	WORK ZONE YELLOW DOTTED LINE, 4 INCH	CH6	WORK ZONE CHANNELIZING LINE, 12 INCH
PB	PORTABLE BARRIER		DRUM
IA	WORK ZONE IMPACT ATTENTUATOR, 24" WIDE		ARROW BOARD
	EXISTING SIGN		WORK AREA
	PROPOSED SIGN		TYPE 3 BARRICADE
	EXISTING SIGN - TO BE REMOVED		PORTABLE BARRIER, UNANCHORED
	DIRECTION OF TRAVEL		PORTABLE BARRIER, ANCHORED (SEE BRIDGE PLANS)
	EXISTING SIGN		PORTABLE BARRIER WITH SPECIAL - GLARE SCREEN
	TEMPORARY SIGN		EXISTING SIGNAL HEAD (3-SECTION) (5-SECTION)
	REMOVED PAVEMENT MARKING		TEMPORARY SIGNAL HEAD (3-SECTION) (5-SECTION)

XX DENOTES ITEM PLACED IN PREVIOUS PHASE



NOTES:
1. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE SP 614B.
2. MAINTAIN EXISTING SIGNAL AT ALL TIMES DURING CONSTRUCTION. PROVIDE TEMPORARY SIGNAL HEADS TO ACCOMMODATE MOT TRAFFIC SCHEME AND BAG EXISTING / CONFLICTING HEADS AS NEEDED. ADJUST VIDEO DETECTION ZONES TO ACCOMMODATE MOT TRAFFIC SCHEME. CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF RICHFIELD TRAFFIC ENGINEER / DEPARTMENT TO ADJUST SIGNAL CONTROLLER, EQUIPMENT AND TIMINGS AS DIRECTED BY ENGINEER. IN ADDITION, CONTRACTOR SHALL MAINTAIN THE EXISTING PREEMPTION SYSTEM MOUNTED ON THE SPAN WIRE AND VIDEO DETECTION SYSTEM MOUNTED ON TOP OF SIGNAL POLES AT ALL TIMES. ALL TEMPORARY SIGNAL ADJUSTMENT AND ASSOCIATED WORK SHALL BE PAID FOR UNDER ITEM SP 614, MAINTAINING TRAFFIC.



NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 2	SS	11/21

DESIGNED SS | CHECKED GAH | DRAWN JCW | IN CHARGE NFF

DESIGN AGENCY: Tran Systems

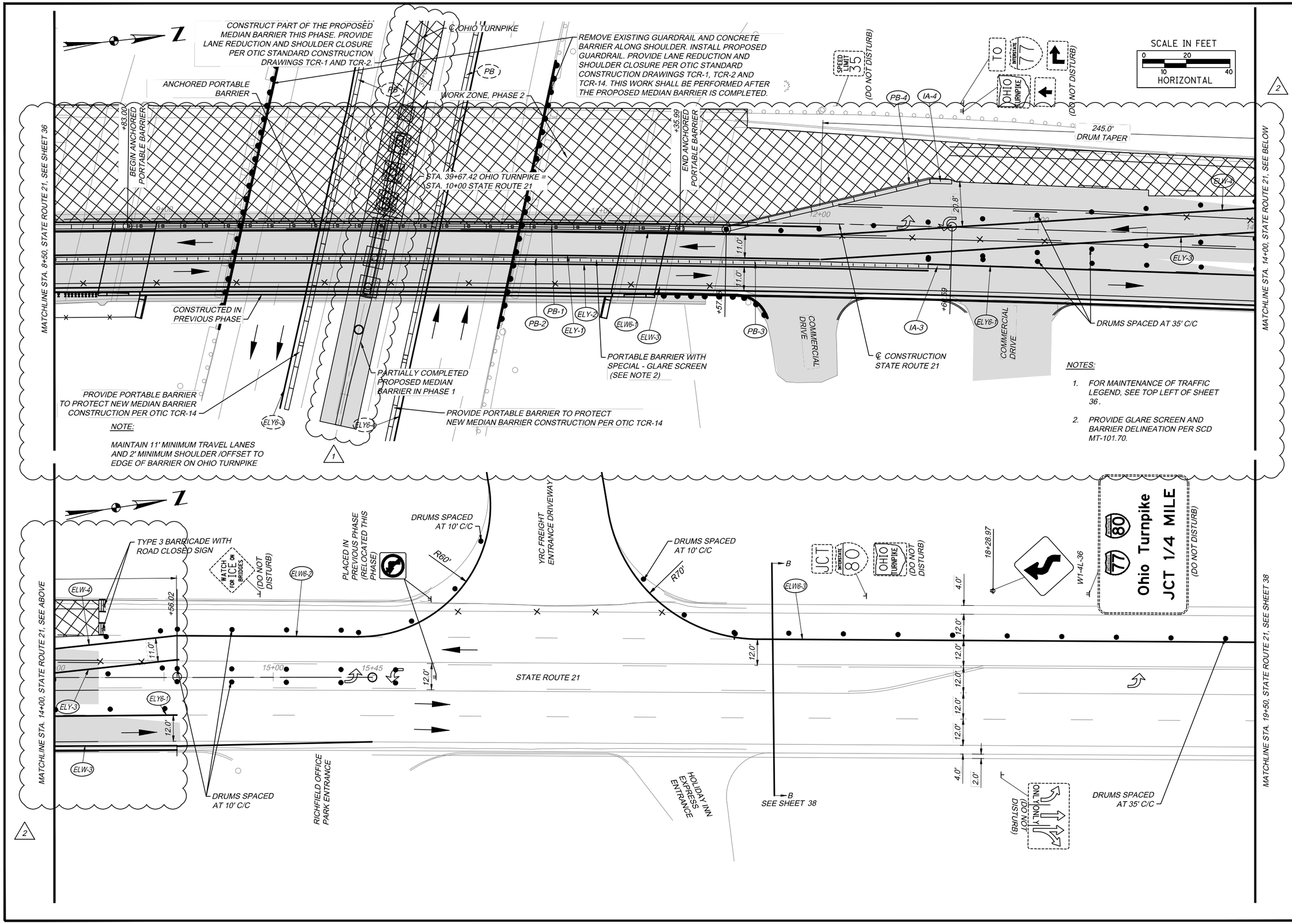
MAINTENANCE OF TRAFFIC PLAN - PHASE 2
STATE ROUTE 21 OVER OHIO TURNPIKE
BEGIN PROJECT TO STA. 8+50

PROJECT 43-22-05
DATE: 02/25/2021

36 / 76

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

MP002_current.dwg; 12/01/21 - 11:42am



DESIGN AGENCY: Tran Systems

NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 1	SS	11/21
2	ADDENDUM NO. 2	SS	11/21
-	-	-	-

DESIGNED	CHECKED
SS	GAH
DRAWN	IN CHARGE
JCW	NFF

MAINTENANCE OF TRAFFIC PLAN - PHASE 2
STATE ROUTE 21 OVER OHIO TURNPIKE
STA. 8+50 TO STA. 19+50

PROJECT 43-22-05
DATE: 02/25/2021

37
76

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

MP002_current.dwg: 12/01/21 - 11:42am

SHEET NO.	REFERENCE NO.	LOCATION	STATION FROM	STATION TO	SIDE	614 WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL), 24-INCH WIDE	614 WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL), 24-INCH WIDE	614 BARRIER REFLECTOR, TYPE 1 (ONE WAY)	614 OBJECT MARKER, ONE WAY	SP 614B WORK ZONE LANE LINE, 4 INCH	SP 614B WORK ZONE WHITE EDGE LINE, 4 INCH	SP 614B WORK ZONE YELLOW EDGE LINE, 4 INCH		SP 614B WORK ZONE WHITE EDGE LINE, 6 INCH	SP 614B WORK ZONE YELLOW EDGE LINE, 6 INCH	SP 614B WORK ZONE CHANNELIZING LINE, 8 INCH	SP 614B WORK ZONE CHANNELIZING LINE, 12 INCH	SP 614B WORK ZONE YELLOW DOTTED LINE, 4 INCH	SP 614B WORK ZONE STOP LINE, 12 INCH		SP 622 PORTABLE BARRIER, UNANCHORED	SP 622 PORTABLE BARRIER, ANCHORED	622 GLARE SCREEN
						EACH	EACH	EACH	EACH	MILE	MILE	MILE		MILE	MILE	FT	FT	FT	FT		FT	FT	FT
		MOT PHASE 1																					
33	CH-1	S.R. 21	0+66.00	1+16.00	LT/RT											50							
	CH6-1	S.R. 21	0+.00	3+00.00	RT												330						
	CH6-2	S.R. 21	3+00.00	4+59.77	RT												160						
	CH-2	S.R. 21	4+59.77	5+89.90	RT											131							
	ELW-1	S.R. 21	4+59.77	5+89.90	RT						0.03												
	LL-1	S.R. 21	4+59.77	5+89.90	LT					0.03													
	ELW6-1	S.R. 21	4+75.23	5+89.90	LT									0.02									
	ELY-1	S.R. 21	4+75.23	5+89.90	LT							0.03											
	DLY-1	S.R. 21	5+89.90	7+22.48	LT													133					
33	DLY-2	S.R. 21	5+89.90	7+22.48	LT/RT													133					
33	IA-2	S.R. 21	8+00.00		LT	1																	
	LL-2	S.R. 21	7+22.48	8+50.00	LT					0.02													
	ELW-2	S.R. 21	7+66.54	8+50.00	LT						0.02												
33	PB-2	S.R. 21	8+00.00	8+50.00	LT			2	2												50		50
	ELY-2	S.R. 21	7+22.48	8+50.00	LT							0.02											
33	ELY-3	S.R. 21	7+22.48	8+50.00	LT							0.02											
	IA-1	S.R. 21	7+13.58		RT	1																	
	PB-1	S.R. 21	7+22.48	8+50.00	RT			4	4												128		
33	ELW-3	S.R. 21	7+22.48	8+50.00	LT/RT						0.02												
34	LL-2	S.R. 21	8+50.00	13+21.72	LT					0.09													
	ELW-2	S.R. 21	8+50.00	13+21.72	LT						0.09												
	PB-3	S.R. 21	8+50.00	11+55.60	LT			8	8													306	306
34	IA-3	S.R. 21	11+55.60		LT	1																	
34	ELY-2	S.R. 21	8+50.00	13+40.32	LT							0.10											
	ELY-3	S.R. 21	8+50.00	14+56.58	LT/RT							0.12											
	IA-4	S.R. 21	12+00.00		LT		1																
	PB-4	S.R. 21	8+50.00	12+00.00	LT			8	8													350	
	ELW-3	S.R. 21	8+50.00	14+56.58	LT/RT						0.12												
34	ELY6-2	S.R. 21	13+40.32	14+56.58	LT										0.02								
34	ELY6-3	OHIO TURNPIKE	34+00.00	46+00.00	RT										0.23								
	PB-5	OHIO TURNPIKE	34+00.00	46+00.00	RT			25	25												1200		
	PB-5	OHIO TURNPIKE	34+00.00	46+00.00	LT			25	25												1200		
	ELY6-4	OHIO TURNPIKE	34+00.00	46+00.00	LT										0.23								
	IA-5	OHIO TURNPIKE	34+00.00		RT	1																	
34	IA-6	OHIO TURNPIKE	46+00.00		LT	1																	
		MOT PHASE 1B																					
35A	CH-2	S.R. 21	4+59.80	5+89.90	RT											131							
	DLY-1	S.R. 21	5+89.90	7+02.00	RT													112					
	ELW-1	S.R. 21	7+02.00	8+50.00	RT						0.03												
	ELY-2	S.R. 21	7+22.38	8+50.00	LT							0.03											
	ELY-3	S.R. 21	7+19.84	8+50.00	RT							0.03											
	ELW-2	S.R. 21	7+66.54	8+50.00	LT						0.03												
35A	PB-1	S.R. 21	7+19.84	8+34.00	RT			4	4												114		
		TOTALS CARRIED TO NEXT SHEET				5	1	76	76	0.14	0.33	0.35		0.02	0.48	312	490	378			2692	656	356

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DESIGN AGENCY: Tran Systems

NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 2	SS	11/21
-	-	-	-
-	-	-	-

DESIGNED	CHECKED
SS	GAH
DRAWN	IN CHARGE
SS	NFF

MAINTENANCE OF TRAFFIC SUBSUMMARY
STATE ROUTE 21 OVER OHIO TURNPIKE
SUMMIT COUNTY
M.P. 172.9

PROJECT 43-22-05
DATE: 02/25/2021

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

MS001.dwg: 12/01/21 - 11:42am

SHEET NO.	REFERENCE NO.	LOCATION	STATION FROM	STATION TO	SIDE	614 WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL), 24-INCH WIDE	614 WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL), 24-INCH WIDE	614 BARRIER REFLECTOR, TYPE 1 (ONE WAY)	614 OBJECT MARKER, ONE WAY	SP 614B WORK ZONE LANE LINE, 4 INCH	SP 614B WORK ZONE WHITE EDGE LINE, 4 INCH	SP 614B WORK ZONE YELLOW EDGE LINE, 4 INCH	SP 614B WORK ZONE WHITE EDGE LINE, 6 INCH	SP 614B WORK ZONE YELLOW EDGE LINE, 6 INCH	SP 614B WORK ZONE CHANNELIZING LINE, 8 INCH	SP 614B WORK ZONE CHANNELIZING LINE, 12 INCH	SP 614B WORK ZONE YELLOW DOTTED LINE, 4 INCH	SP 614B WORK ZONE STOP LINE, 12 INCH		SP 622 PORTABLE BARRIER, UNANCHORED	SP 622 PORTABLE BARRIER, ANCHORED	622 GLARE SCREEN
						EACH	EACH	EACH	EACH	MILE	MILE	MILE	MILE	MILE	FT	FT	FT	FT		FT	FT	FT
		MOT PHASE 1B																				
35B	ELW-3	S.R. 21	8+50.00	14+56.58	RT						0.11											
	ELY-3	S.R. 21	8+50.00	14+56.58	RT							0.11										
	ELW-2	S.R. 21	8+50.00	14+20.00	LT						0.11											
	ELY-2	S.R. 21	8+50.00	15+92.00	LT							0.14										
35B	ELY6-2	S.R. 21	16+52.30	19+50.00	LT									0.06								
35C	ELY-1	S.R. 21	19+50.00	22+50.00	LT							0.06										
		MOT PHASE 2																				
36	DLW-1	S.R. 21	5+89.90	7+48.00	LT												158					
36	DLY-1	S.R. 21	5+89.90	7+22.41	LT/RT												133					
36	ELW-1	S.R. 21	6+78.00	8+50.00	LT						0.03											
	SL-1	S.R. 21	7+22.41		LT													28				
	ELW-2	S.R. 21	7+48.00	8+50.00	LT						0.02	0.02										
	ELY-1	S.R. 21	7+22.41	8+50.00	LT/RT							0.02										
	IA-1	S.R. 21	7+39.91		LT	1																
36	PB-1	S.R. 21	7+39.91	8+50.00	LT			4	4											110		
36	ELY-2	S.R. 21	7+22.41	8+50.00	LT/RT							0.02										
	IA-2	S.R. 21	7+39.91		LT		1															
	PB-2	S.R. 21	7+39.91	8+50.00	LT			4	4											110		110
36	ELW-3	S.R. 21	8+00.00	8+50.00	LT						0.01											
37	ELY-2	S.R. 21	8+50.00	12+60.59	RT							0.08										
37	PB-1	S.R. 21	8+50.00	11+57.28	RT			8	8												307	
	PB-2	S.R. 21	8+50.00	11+57.28	RT			8	8												307	307
	PB-3	S.R. 21	11+57.28	12+60.59	RT			4	4											103		103
	PB-4	S.R. 21	11+57.28	12+60.59	LT			4	4											103		
	IA-3	S.R. 21	12+60.59		RT		1															
	IA-4	S.R. 21	12+60.59		LT	1																
	ELW6-1	S.R. 21	8+50.00	12+00.00	RT								0.07									
	ELY-1	S.R. 21	8+50.00	12+00.00	RT							0.07										
	ELY-2	S.R. 21	8+50.00	12+60.59	RT							0.08										
	ELY6-1	S.R. 21	12+60.59	14+56.02	RT									0.04								
	ELW-3	S.R. 21	8+50.00	14+56.02	RT						0.11											
	ELW-4	S.R. 21	12+00.00	14+56.02	LT/RT						0.05											
	ELY-3	S.R. 21	12+00.00	14+56.02	LT/RT							0.05										
	ELW6-2	S.R. 21	14+56.02	15+92.00	LT								0.03									
37	ELW6-3	S.R. 21	16+52.30	19+50.00	LT								0.06									
38	ELW6-1	S.R. 21	19+50.00	22+50.00	LT								0.06									
		TOTALS THIS SHEET				2	2	32	32		0.44	0.65	0.22	0.09			291	28		426	614	520
		TOTALS FROM PREVIOUS SHEET				5	1	76	76	0.14	0.33	0.35	0.02	0.48	312	490	378			2692	656	356
		TOTALS CARRIED TO GENERAL SUMMARY				7	3	108	108	0.14	1.77		0.81		312	490	669	28		3118	1270	876

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MS001.dwg: 12/01/21 - 11:42am

DESIGN AGENCY: Tran Systems

NO.	REVISIONS	BY	DATE
1	ADDENDUM NO. 2	SS	11/21
-	-	-	-
-	-	-	-

DESIGNED	CHECKED
SS	GAH
DRAWN	IN CHARGE
SS	NFF

MAINTENANCE OF TRAFFIC SUBSUMMARY
STATE ROUTE 21 OVER OHIO TURNPIKE
SUMMIT COUNTY
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PROJECT 43-22-05
DATE: 02/25/2021

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION