

SCHEDULE OF THRU LANES TO BE MAINTAINED

LIQUIDATED DAMAGES/SHORT TERM LANE CLOSURES

SHORT TERM LANE CLOSURES ARE THOSE WHICH ARE PERMITTED BY THE "SCHEDULE OF THRU LANES TO BE MAINTAINED" TABLE.

THESE TIMES SHALL NOT BE REVISED WITHOUT PRIOR APPROVAL FROM THE DISTRICT 12 WORK ZONE TRAFFIC CONTROL ENGINEER.

IF SHORT TERM LANE CLOSURES ARE IN PLACE OUTSIDE THE SPECIFIED TIMES, LIQUIDATED DAMAGES IN THE AMOUNT OF \$ 40.00 PER MINUTE SHALL BE ASSESSED TO THE CONTRACTOR FOR EACH MINUTE THE LANE REMAINS CLOSED FOR THE FIRST HOUR AND \$120.00 PER MINUTE FOR ANY TIME BEYOND ONE HOUR.

SHORT TERM LANE CLOSURES SHALL ONLY BE IMPLEMENTED WHEN WORK IS BEING CONTINUOUSLY PERFORMED. THE CLOSURE SHALL BE REMOVED AS SOON AS POSSIBLE AFTER WORK HAS STOPPED.

ADDITIONAL LANE CLOSURE TIMES

ADDITIONAL SHORT TERM LANE CLOSURES ARE PERMITTED OUTSIDE OF THE "SCHEDULE OF THRU LANES TO BE MAINTAINED" TABLE. THESE TIMES ARE SUBJECT TO THE "LIQUIDATED DAMAGES/SHORT TERM CLOSURES" NOTE ABOVE.

LOCATION

TIME

IR-90, EB, 500' EAST OF SR-306 EXIT GORE 9 AM TO 2 PM WKDAY
 IR-90, WB, SR-44 TO SR-306 ON RAMP 9 AM TO 3 PM WKDAY

IN THE EXISTING 2 LANE SECTION, IR-90, EB, FROM APPROX. STA 302+00 TO THE IR-90/SR-306 EB ON RAMP, THE FOLLOWING EXTENDED TIMES CAN BE UTILIZED:

LANE CLOSURE

ON WEB PAGE

EXTENDED TIMES

WEEKDAYS
10 PM TO 6 AM

WEEKDAYS
8 PM TO 6 AM

WEEKENDS

WEEKENDS

12 AM SAT - 9 AM SAT
12 AM SUN - 10 AM SUN

8 PM FRI - 10 AM SAT
8 PM SAT - 11 AM SUN

N.A. = NOT APPLICABLE

ROAD	LANE REDUCTIONS		PERMITTED RAMP CLOSURES			HALF WIDTH RAMP PAVING
	1 LANE CLOSURE	2 LANE CLOSURE	YES/NO	SHORT TERM CLOSURE ⊕		
				WEEKDAYS	WEEKENDS	
IR 90	WEEKDAY *	NA				
(2 LANES, EB)	WEEKEND *	NA				
RAMP N RAMP P (1 LANE)	NA	NA	NO	NO	NO	10:00 PM-6:00 AM

* - ALL LANE CLOSURES LISTED ABOVE MAY ONLY BE IMPLEMENTED AT THE TIMES PERMITTED BY THE "DISTRICT 12, PERMITTED LANE CLOSURE TIMES" LIST, WHICH IS LOCATED ON THE ODOT WEB SITE:
www.dot.state.oh.us/dist12/workzone/laneclo.htm
 THE LATEST REVISION, AT 14 DAYS PRIOR TO THE BID DATE, SHALL BE IN EFFECT FOR THIS PROJECT.
 NO LANE OR SHOULDER CLOSURES SHALL BE IN PLACE WHEN NO WORK IS BEING PERFORMED.

ITEM 614 - TEMPORARY IMPACT ATTENUATOR, (UNIDIRECTIONAL)

THIS ITEM SHALL CONSIST OF FURNISHING AND INSTALLING EITHER OF THE FOLLOWING IMPACT ATTENUATORS:

1) THE QUADGUARD CZ, (24" [610 MM] WIDE 6-BAY) TEMPORARY IMPACT ATTENUATOR MANUFACTURED BY ENERGY ABSORPTION SYSTEMS, INC., ONE EAST WACKER DRIVE, CHICAGO, IL 60601 (TELEPHONE: 312.467.6750).

THE LENGTH OF THE 6-BAY QUADGUARD CZ IS 20'-9" [6.33 M]. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AS DETAILED ON THE FOLLOWING PRE-APPROVED SHOP DRAWINGS:

DWG. #	DRAWING NAME	DWG./REV. DATE	ODOT APPROVAL DATE
QSCZCVR-T4	QUADGUARD CZ SYSTEM FOR CONSTRUCTION ZONES	5/13/99 Rev. J	8/27/99
35-40-10	QUADGUARD SYSTEM CONCRETE PAD, CZ, OG	11/19/97 Rev. D	8/27/99
35-40-16	QUADGUARD SYSTEM BACKUP ASSEMBLY, CZ, OG	7/30/99 Rev. F	8/27/99
354051Z	QUADGUARD CZ SYSTEM NOSE ASSEMBLY, CZ, OG, 24,30,36	5/17/99	8/27/99
35-40-18	TRANSITION ASSEMBLY, 4 OFFSET, OG	6/25/99 Rev. F	8/27/99
3540260	QUADGUARD SYSTEM PCMB ANCHOR ASSEMBLY	11/19/97 Rev. C	8/27/99

2) THE TRACC (TRINITY ATTENUATING CRASH CUSHION) MANUFACTURED BY SYRO INC. 1170 N. STATE STREET, GIRARD, OHIO 44420 (TELEPHONE: 330.545.4373).

ITEM 614 - TEMPORARY IMPACT ATTENUATOR, (UNIDIRECTIONAL) (CONT.)

THE TRACC IS 21'-0" [6.4 M] LONG AND 2'-7" [0.8 M] WIDE. INSTALLATION SHALL BE AT THE LOCATIONS SPECIFIED IN THE PLANS, IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AS DETAILED ON THE FOLLOWING PRE-APPROVED SHOP DRAWINGS:

DWG. #	DRAWING NAME	DWG./REV. DATE	ODOT APPROVAL DATE
SS450	CRASH-CUSHION ATTENUATING TERMINAL	3/12/99 Rev. 1	8/27/99
SS450M	PLAN, ELEVATION & SECTIONS	3/12/99 Rev. 1	8/27/99
SS455	TRACC TRANSITION TO W-BEAM MEDIAN BARRIER	2/18/99	8/27/99
	PLAN, ELEVATION & SECTIONS		
SS461	TRACC TRANSITION TO CONCRETE SAFETY SHAPE BARRIER	6/30/99 Rev. 1	8/27/99
	PLAN, ELEVATION & SECTIONS		
SS462	TRACC TRANSITION TO CONCRETE BARRIER SINGLE SLOPE	6/30/99	8/27/99
	PLAN, ELEVATION & SECTIONS		

THE CONTRACTOR SHALL PROVIDE A REPLACEMENT UNIT WHEN AN IMPACT IS SEVERE ENOUGH TO REQUIRE COMPLETE REPLACEMENT OF THE ATTENUATOR. THE CONTRACTOR SHALL HAVE A SPARE PARTS PACKAGE AVAILABLE ON THE PROJECT SITE AT ALL TIMES WHEN AN ATTENUATOR IS IN PLACE. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF ONE COMPLETE SPARE PARTS PACKAGE FOR EVERY 1 TO 6 UNITS INSTALLED ON THE PROJECT SITE. FOR EXAMPLE, 5 INSTALLED UNITS REQUIRE 1 SPARE PARTS PACKAGE AND 7 INSTALLED UNITS REQUIRE 2 SPARE PARTS PACKAGES.

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 614, TEMPORARY IMPACT ATTENUATOR, (UNIDIRECTIONAL), EACH, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT, MAINTAIN, REPAIR, REPLACE OR RELOCATE A COMPLETE AND FUNCTIONAL IMPACT ATTENUATOR SYSTEM, INCLUDING ALL RELATED BACKUPS, TRANSITIONS, LEVELING PADS, HARDWARE AND GRADING, NOT SEPARATELY SPECIFIED, AS REQUIRED BY THE MANUFACTURER.

PLOTTED FROM: I:\PROJECTS\23129\23129.mna.dgn

CALCULATED
EMK
CHECKED
LDH

MAINTENANCE OF TRAFFIC NOTES

LAK-90-6.71