

GENERAL PERMIT

Board of County Commissioners
Lucas County, Ohio

Office of the County Engineer

1049 S. McCord Road
Holland, Ohio 43528

Phone: 419-213-2860
Fax: 419-213-2829



County Permit Application No. 17-0060

Liability Insurance Amount _____

This permit is granted to The Ohio Turnpike and Infrastructure Commission

Email Address: chuck.cvitkovich@ohioturnpike.org Telephone No.: +1 (440) 971-2013

LOCATION OF WORK: Ohio Turnpike over Albon Road

DESCRIPTION OF WORK: Erection of containment system; blasting and painting of bridge overpasses

Work Involves: Dewatering Shoring Open Cut Tunneling Boring/Jacking
(In Pavement)

Other (Describe) cleaning and painting of bridges

Damage may occur to berm guardrail traffic signs shoulder curb structures
storm drainage sidewalks pavement underdrains

Other (Describe) _____

_____no damage anticipated

The permit holder hereby agrees to indemnify and save harmless the County of Lucas and the members of the Board, and the Board of Township Trustees of the Township in which the work is to be performed, individually and as a Board against any and all liability, loss, damages, cost of expense which they or it may hereafter incur, suffer or be required to pay by reason of the work done under this permit.

The permit holder shall notify the County Engineer, two (2) working days in advance of commencing the work under this permit, unless a detour is necessary, where seven (7) calendar days is required. Contact the Lucas county Engineer's Construction Department @ (419) 213-2860.



SITE PLAN # _____

SUBDIV. _____

This permit shall be in the possession of the permit holder's employee in charge of the work and shall be shown on request to any employee of the County Engineer.

The permit holder hereby agrees to backfill all trenches under pavement and paved berms and within 5 feet from edge of pavement and paved berms in accordance with 603.08 and 603.09 using granular material meeting the current O.D.O.T. specifications for 703.11, using compaction equipment and having an inspector present.

The permit holder also agrees to place a temporary wearing surface consisting of a 3" thickness of Asphalt Cold Mix immediately upon backfilling of the trench; and to maintain the road surface which has been disturbed until such a time as the permanent pavement can be replaced to the satisfaction of the County Engineer. Permanent pavement replacement shall match the existing asphalt/stone composition or the Lucas County minimum pavement replacement standards (4" asphaltic concrete on 10" aggregate base), whichever is greater.

The permit holder also hereby agrees to furnish and maintain lights, signs, barricades and flaggers necessary for the protection of traffic at all times, day and night, during the work provided for under this permit, and to comply with all instructions given by the County Engineer as to handling of traffic. All traffic control devices, flaggers, traffic maintenance methods and other operations to provide for protection of traffic shall conform to the requirements of the Ohio Department of Transportation Construction and Materials Specifications, Current Edition and the Ohio Department of Transportation, Manual of Uniform Traffic Control Devices for Streets and Highways, current edition, including all applicable revisions. Describe briefly and include a sketch of the traffic control and maintenance anticipated for this project.

Traffic will be maintained by use of a flagger in accordance with Ohio Department of Transportation SCD MT-97.10 ✓

The permit holder also hereby agrees to keep all pavement, drive areas, etc. clean within work and haul areas and to restore all disturbed areas to the condition that existed prior to the work to the satisfaction of the County Engineer.

The permit holder agrees to comply with all the conditions, restrictions and regulations of the County Engineer.

If the party or parties to whom this permit is issued does anything contrary to the orders of the County Engineer and after due notice fails to correct such work, remove such structure or material as he may be ordered to remove, or place protective material, device or flaggers, the County Engineer, may with or without further or additional notice, correct such work, remove such structure or material, or place protective material, device or flaggers. The party or parties to whom this permit is issued shall reimburse the County Engineer for any expense incurred in correcting the work, removing the structure or materials or making the construction area safe for the traveling public.

No revisions to the work described in this permit will be allowed without the prior approval of the County Engineer.

This permit may at any time be revoked or annulled for non-performance of or noncompliance with any of the said conditions, restrictions and regulations thereof.

The permit holder agrees to perform said work described in accordance with the Ohio Department of Transportation's current editions of Construction and Material Specifications, this permit and all special conditions and attachments.

The permit holder agrees for a one-year period after the completion of this work, to guarantee the replacement or restoration of all items damaged directly or indirectly as a result of the work.

All work is subject to the approval and inspection of the County Engineer. Please contact the Lucas County Engineer's Construction Department @ (419) 213-2860 for a final inspection prior to any backfilling.

All work done under this permit within the right of way limits shall be subject to removal or relocation by the permit holder at his expense at the direction of the County Engineer in the event any public improvement shall require that said work be done.

Said work is to be done in a timely fashion and any additional cost due to the delay of removal or relocation by permit holder will be assessed to the permit holder.

A schedule of work to be completed in the public right of way must be submitted 2 weeks prior to starting work. If schedule changes, contact Lucas County Engineer's Construction Department @ (419) 213-2860.

Failure to notify the above may result in permit being revoked.

In case of emergency, notify the following: (Evenings, Weekends, and Holidays)

Name Scott Myler

Title Swanton Section Maintenance Foreman

Address _____

Email Address scott.myler@ohioturnpike.org

Telephone No. (440) 821-3363 Fax No. ()

Anticipated date to begin construction Summer 2017

Approximate length of time for construction 2 weeks

Additional limitations and special conditions shall be as follows:

Only one lane will be closed at a time.

Advise the Lucas County Engineer's Office 3 weeks in advance of commencing work w/in the road R/W.

Application made by: Charles A. Cvitkovich, Bridge & Structures Engineer
(Printed)
Ch AC 12/30/2016
(Signature) (Date)

Please select how you would like to receive your permit:

- U.S. Mail
 Email

Attach plans, sketches and Certificate of Insurance

DO NOT WRITE BELOW THIS LINE

Application Recommended by: [Signature], 01.03.16
Date

This permit issued by the Lucas County Engineer under authority granted by the Board of Lucas County Commissioners and/or the Board of Township Trustees.

Approved by: Keith Earley 1/5/17
Keith G. Earley
Lucas County Engineer
Date

Lucas County Engineer
1049 S. McCord Road
Holland, Ohio 43528
Telephone No.: 419-213-2860
Fax No.: 419-213-2829

County Road: Albon Rd. #86
Township Road: _____
Township: Spt.

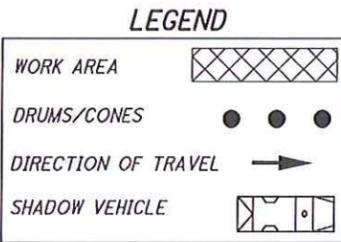
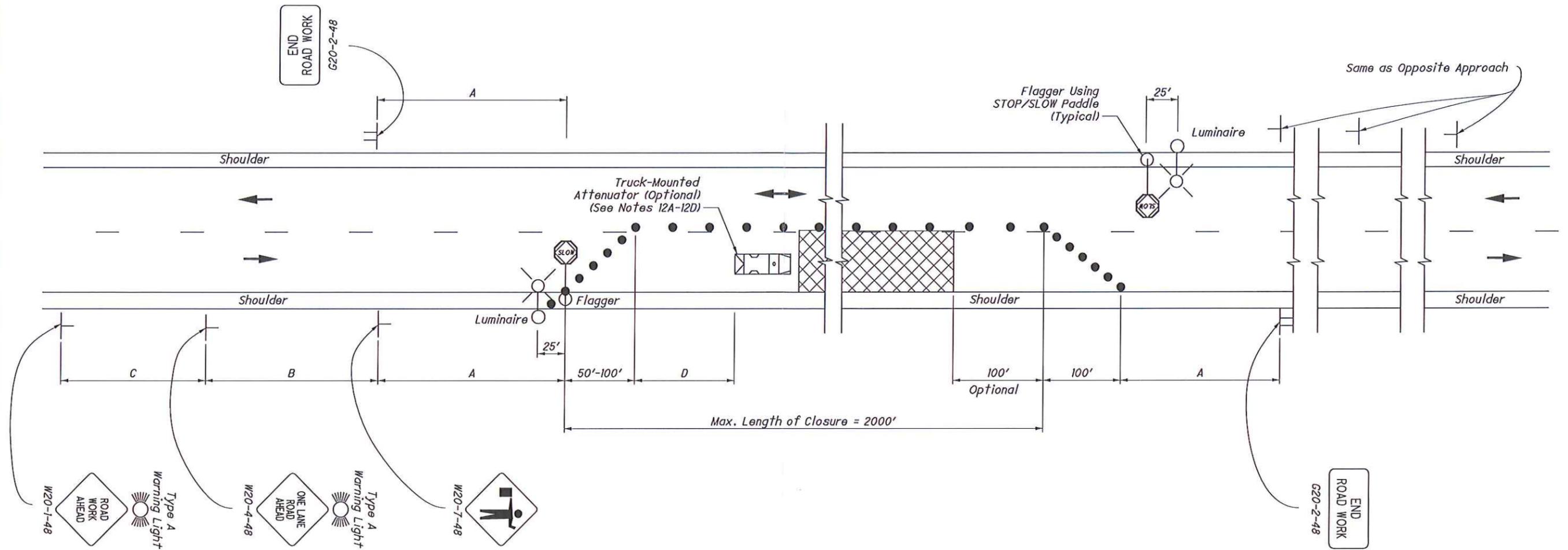


TABLE I (SIGN SPACING)

ROAD TYPE	DISTANCE BETWEEN SIGNS (FT)		
	A	B	C
Two-Lane (< 40 MPH)	100	100	100
Two-Lane (45-50 MPH)	350	350	350
Two-Lane (55-60 MPH)	500	500	500

TABLE II

SPEED LIMIT (MPH)	BUFFER (D) (FT) MIN.
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570

THIS DRAWING REPLACES MT-97.10 DATED 07-19-2013.
 STANDARD ROADWAY CONSTRUCTION DRAWING

SCD NUMBER
MT-97.10

FLAGGER CLOSING 1 LANE OF A 2-LANE HIGHWAY - STATIONARY OPERATION

OFFICE OF ROADWAY ENGINEERING

STATUS: ENGINEER
 Soisson

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
Ryanaldo Stargell ADMINISTRATOR
 07-18-2014 DATE

NOTES:

FLAGGERS

- 1. *Flaggers, one for each direction, shall be used to control traffic continuously for as long as a one lane operation is in effect. The flaggers shall be able to communicate with each other at all times.*

LENGTH OF CLOSURE

- 2. *Several small work areas close together should be combined into one work zone. However, the closure shall not be more than 2000' long unless approved by the Engineer. The minimum length between closures shall be 2000'. Only one side of the road shall be closed in any one work zone.*

SIGN LOCATION AND SPACING

- 3A. *The minimum spacing between work zone signs is shown in Table I. Maximum spacing should not be greater than 1.5 times the distances shown in Table I.*
- 3B. *Sign spacing should be adjusted to avoid conflict with existing signs. Minimum spacing to existing signs shall be 200' for speeds of 45 mph or less and a minimum of 400' for speeds of 50 mph or greater.*
- 3C. *The location of the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.*

ADJUSTMENTS FOR SIGHT DISTANCE

- 4. *The location of the flagger station and the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.*

BASIC SIGNING

- 5A. *ROAD WORK AHEAD (W20-1) signs shall be provided on entrance ramps or roadways entering the work limits.*
- 5B. *END ROAD WORK (G20-2) signs are only required for lane closures of more than 1 day. If is intended that these signs be placed on the mainline, on all exit ramps, and on roadways exiting the work limits.*
- 5C. *Overlapping of signing for adjacent projects should be avoided where the messages could be confusing. Any ROAD WORK AHEAD (W20-1) or END ROAD WORK (G20-2) sign which falls within the limits of another traffic control zone shall be omitted or covered during the period when both projects are active.*

SIGNING DETAILS

- 6A. *The Advisory Speed (W13-1P) plaque shall be used when specified in the plan.*
- 6B. *36" warning signs may be used when the approach speed limit is 40 mph or less.*

FLASHING WARNING LIGHTS

- 7. *Type A flashing warning lights shown on the ROAD WORK AHEAD (W20-1) signs and on the LANE CLOSED AHEAD (W20-5) signs are required whenever a night lane closure is necessary.*

DRUMS / CONES

- 8A. *Drum spacing shall be as follows:*
 - a) *Spacing along the closure shall be 40' center-to-center.*
 - b) *Spacing along the approach taper shall be 10' center-to-center.*
- 8B. *Cones may be substituted for drums as follows:*
 - a) *Cones used for daytime traffic control shall have a minimum height of 28".*
 - b) *Cones used for nighttime traffic control shall have a minimum height of 42".*
 - c) *Use of cones at night shall be prohibited along tapers.*
- 8C. *Provisions shall be made to stabilize the cones and drums to prevent them from blowing over.*
- 8D. *A minimum of two drums shall be used to close the paved shoulder.*

(RESERVED FOR FUTURE USE)

- 9A. *(intentionally blank)*

AREA ILLUMINATION

- 10A. *Adequate area illumination of each flagger station shall be provided at night. Use of portable flood lighting is acceptable. Luminaires shall be located adjacent to each flagger station.*
- 10B. *To ensure the adequacy of floodlight placement and the elimination of glare, the Contractor and the Engineer shall drive through the worksite each night when the lighting is in place. Light placement and shielding shall be adjusted to the satisfaction of the Engineer.*

INTERSECTION / DRIVEWAY ACCESS

- ii. *Within the length of closure, provision shall be made to control traffic entering from intersecting streets and major drives as necessary to prevent wrong-way movements and to keep vehicles off of new pavement not ready for traffic. The Contractor shall:*
 - a) *Place across the closed lane, either three drums (cones) or barricades, and/or*
 - b) *Provide an additional flagger at every public street intersection and major driveway.*
- Drums (cones) placed across the closed lane shall be located 25' beyond the projected pavement edges of the driveway or cross highway, as shown in Standard Construction Drawings (SCDs) MT-97.11 or MT-97.12. For barricades, see SCD MT-101.60.*

Existing STOP signs shall be relocated as necessary to assure proper location for the traffic conditions.

The method of control shall be subject to the approval of the Engineer.

SHADOW VEHICLE

- 12A. *The shadow vehicle shall be in place and unoccupied whenever workers are in the work area. This vehicle shall be removed from the pavement whenever workers are not in the work area.*
- 12B. *The shadow vehicle shall be equipped with a high-intensity yellow rotating, flashing, oscillating, or strobe light(s).*
- 12C. *The vehicle shall be equipped with a truck-mounted attenuator when called for in the plans.*
- 12D. *Other protective devices may be used in lieu of the shadow vehicle shown when approved by the Engineer.*

CHIP SEAL OPERATIONS

- 13. *For chip seal operations, additional signing shall be incorporated in the advanced warning area.*
 - a) *The LOOSE GRAVEL (W8-7) and FRESH TAR (W21-2) signs shall both be used in advance of the chip seal operation.*
 - b) *Repeat the LOOSE GRAVEL sign with a 35 mph Advisory Speed (W13-1) plaque every half mile per CMS 422.09.*
 - c) *The FRESH TAR and the LOOSE GRAVEL signs shall both be used for signing of side roads intersecting the work area.*

THIS DRAWING REPLACES MT-97.10 DATED 07-19-2013.

SCD NUMBER

MT-97.10

STANDARD ROADWAY CONSTRUCTION DRAWING

FLAGGER CLOSING 1 LANE OF A 2-LANE HIGHWAY - STATIONARY OPERATION

OFFICE OF ROADWAY ENGINEERING

STATE ENGINEER Soisson

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
Raynaldo Stangell
ADMINISTRATOR

07-18-2014
DATE