



HIGHWAY FACTORS ATTACHMENT

IDOT Highway Permit for Installation of Pipe Culvert

Teutopolis, IL

HWY23MH017

(11 pages)



District Serial No. 7-17678

083
Whereas, I (We) Bill Lueken (Name of Applicant) 100 McKeough Ave., Apt. 304 (Mailing Address)

Saraland (City) Alabama 36571 (State) hereinafter termed the Applicant,
request permission and authority to do certain work herein described on the right-of-way of the State Highway
known as SBI-11 Route U.S. 40, Section G,
from Station 249 + 21 & Station 249 + 79
Effingham County. The work is described in detail on the attached plan or sketch and/or as follows:

CK'D EKM 01/20/17

US 40 MP 21.4
PE - N. SIDE OF RD.

-----SEE ATTACHED SHEET FOR SPECIAL PROVISIONS-----

12" x 30' CMP INSTALLED; END SECTIONS
ONSITE (NOT INSTALLED); AGG PLACED.
NEEDS SHAPING, SEEDING, BACKFILL
& ENDS INSTALLED. MORE AGG.?

9/16/17 - Gmk
Complete

All work authorized by this permit shall be completed 180 days after the date this permit is approved, otherwise the permit becomes null and void.

This permit is subject to the conditions and restrictions printed on the reverse side of this sheet.

This permit is hereby accepted and its provisions agreed to this 10/5/16 day of _____

Witness [Redacted]
DOT
Mailing Address
City State

Signed [Redacted] by [Redacted]
Applicant
17938 E. 1700 AV.
Mailing Address
Temperopolis Ill 62467
City State

SIGN AND RETURN TO: Regional Engineer Jeffrey M. South, State Highway Building, Effingham, IL 62401

Approved this 6th day of October, 2016

Department of Transportation

BY: [Redacted]
Regional Engineer

First: The Applicant represents and warrants that he/she is the party in interest respecting this Permit and that he/she is the agent in fact with authority to bind all parties in interest to the obligations and undertakings agreed to in this Permit. The Applicant represents and warrants that the property lines shown on the attached plan sheet(s) or sketch are true and correct, and that all proposed work is accurately depicted thereon.

Second: The proposed work shall be located and constructed to the satisfaction of the Regional Engineer or his/her duly authorized representative. No revisions or additions shall be made to the proposed work on the right-of-way without the written permission of the Regional Engineer. The Applicant agrees to complete all work to the standards and specifications identified by the Regional Engineer or his/her authorized representative as a condition of granting this Permit. The Applicant agrees to furnish all labor, equipment and material, and do all work and pay all costs associated with the work authorized by this Permit. The Applicant agrees to restore any and all damaged portions of the highway right-of-way to the condition satisfactory to the Regional Engineer or his/her authorized representative including, but not limited to, all landscape restoration. The Applicant shall not trim, cut or in any way disturb any trees or shrubbery along the highway without the approval of the Regional Engineer or his/her duly authorized representative. Any and all documents, writings and notes reflecting or identifying the standards, specifications, understandings and conditions applicable to the performance of the permitted work required by the Regional Engineer or his/her authorized representative are hereby incorporated into this Permit by reference as though fully set forth herein.

Third: The Applicant shall at all times conduct the work in such a manner as to minimize hazards to vehicular and pedestrian traffic. Traffic controls and work site protection shall be in accordance with the applicable requirements of Part 6 (Temporary Traffic Control) of the Illinois Manual on Uniform Traffic Control Devices and with the traffic control plan if one is required elsewhere in the permit. All signs, barricades, flaggers, etc., required for traffic control shall be furnished by the Applicant. The work may be done on any day except Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. Work shall be done only during daylight hours.

Fourth: The work performed by the Applicant is for the bona fide purpose expressed and not for the purpose of, nor will it result in, the parking or servicing of vehicles on the highway right-of-way. Signs located on or overhanging the right-of-way shall be prohibited.

Fifth: The Applicant shall engage in only the proposed work approved herein, and subject to the hazards incident to such activities, assumes all risks associated therewith. The Applicant assumes full and strict liability for the actions of itself, all parties in interest, its agents and employees, contractors, subcontractors and consultants. The Applicant and all parties in interest shall save, defend, hold harmless and indemnify the State of Illinois and each of its officers, agents, employees, invitees and others associated with it from and against any and all suits, claims, actions, losses, injuries, damages, judgments and expenses that are based on, or that arise or are alleged to have arisen out of the performance of the work approved herein, including, but not limited to, any act, willful or intended, or negligence of the Applicant and any party in interest, its agents and employees, contractors, subcontractors and consultants whether at law, in equity or common law. In the event the Applicant or any party in interest fails, neglects, or refuses to comply with any provision of this indemnity, the State of Illinois may take any action necessary to protect itself from liability, including any action to pay, settle, compromise and procure the discharge thereof, in which case the Applicant or any party in interest, jointly and severally, shall be liable and bound unto the State of Illinois for any and all expenses related thereto, including attorney's fees.

Sixth: The State reserves the right to make such changes, additions, repairs and relocations within its statutory limits to the facilities constructed under this permit or their appurtenances on the right-of-way as may at any time be considered necessary to permit the relocation, reconstruction, widening or maintaining of the highway and/or provide proper protection to life and property on or adjacent to the State right-of-way. However, in the event this permit is granted to construct, locate, operate and maintain utility facilities on the State right-of-way, the Applicant, upon written request by the Regional Engineer, shall perform such alterations or change of location of the facilities, without expense to the State, and should the Applicant fail to make satisfactory arrangements to comply with this request within a reasonable time, the State reserves the right to make such alterations or change of location or remove the work, and the Applicant agrees to pay for the cost incurred.

Seventh: This permit is effective only insofar as the Department has jurisdiction and does not presume to release the Applicant from compliance with the provisions of any existing statutes or local regulations relating to the construction of such work.

Eighth: The Construction of access driveways is subject to the regulations listed in the "Policy on Permits for Access Driveways to State Highways." If, in the future, the land use of property served by an access driveway described and constructed in accordance with this permit changes so as to require a higher driveway type as defined in that policy, the owner shall apply for a new permit and bear the costs for such revisions as may be required to conform to the regulations listed in the policy. Utility installations shall be subject to the "Policy on the Accommodation of Utilities on Right-of-Way of the Illinois State Highway System."

Ninth: If the work covered by this permit includes construction of additional lanes, turn lanes, median cross-overs or traffic signals on, along or adjacent to a highway under Department jurisdiction, the permittee shall use only contractor(s) approved by the Department of Transportation for the performance of said work on the State highway. A contractor currently prequalified by the Department in the work rating governing the said work shall be approved. Prior to the commencement of the said work on the State highway, the applicant shall furnish the Regional Engineer a copy of the contractor's current Certificate of Eligibility, or, if the permittee proposes to use a contractor not currently prequalified by the Department, information satisfactory to the Department evidencing the contractor's qualification and ability to perform the said work. No work on the State highway shall be performed until the Department issues an approval of the proposed contractor.

CONSTRUCT A SINGLE NONCOMMERCIAL ENTRANCE TO FARM LAND

The Applicant is hereby granted permission to construct a single noncommercial entrance, by furnishing a new 12" x 30' corrugated metal pipe (cmp) culvert with two (2) flared end sections, which will be installed by the Department. Then the Applicant shall backfill the pipe culvert and construct a six inch (6") crushed stone (CA-6) driving surface and turning radii to the correct lines and grades. Prior to permit approval, the Applicant shall reshape and seed all disturbed areas on the State highway right-of-way. This entrance will be located and constructed in accordance with the Special Provisions, description and plans attached hereto and made a part of this permit. The material used in this permit shall be from a State approved source.

If the certified pipe culvert is furnished in sections, the Applicant shall furnish either a connector band for the corrugated metal pipe or mastic joint sealer for the reinforced concrete pipe culvert.

A noncommercial driveway is one providing access to a single family residence or agricultural land. If the land use of the property served by this entrance is changed, the owner shall revise the driveway as stated in Paragraph Nine on the back side of Form BT 1045.

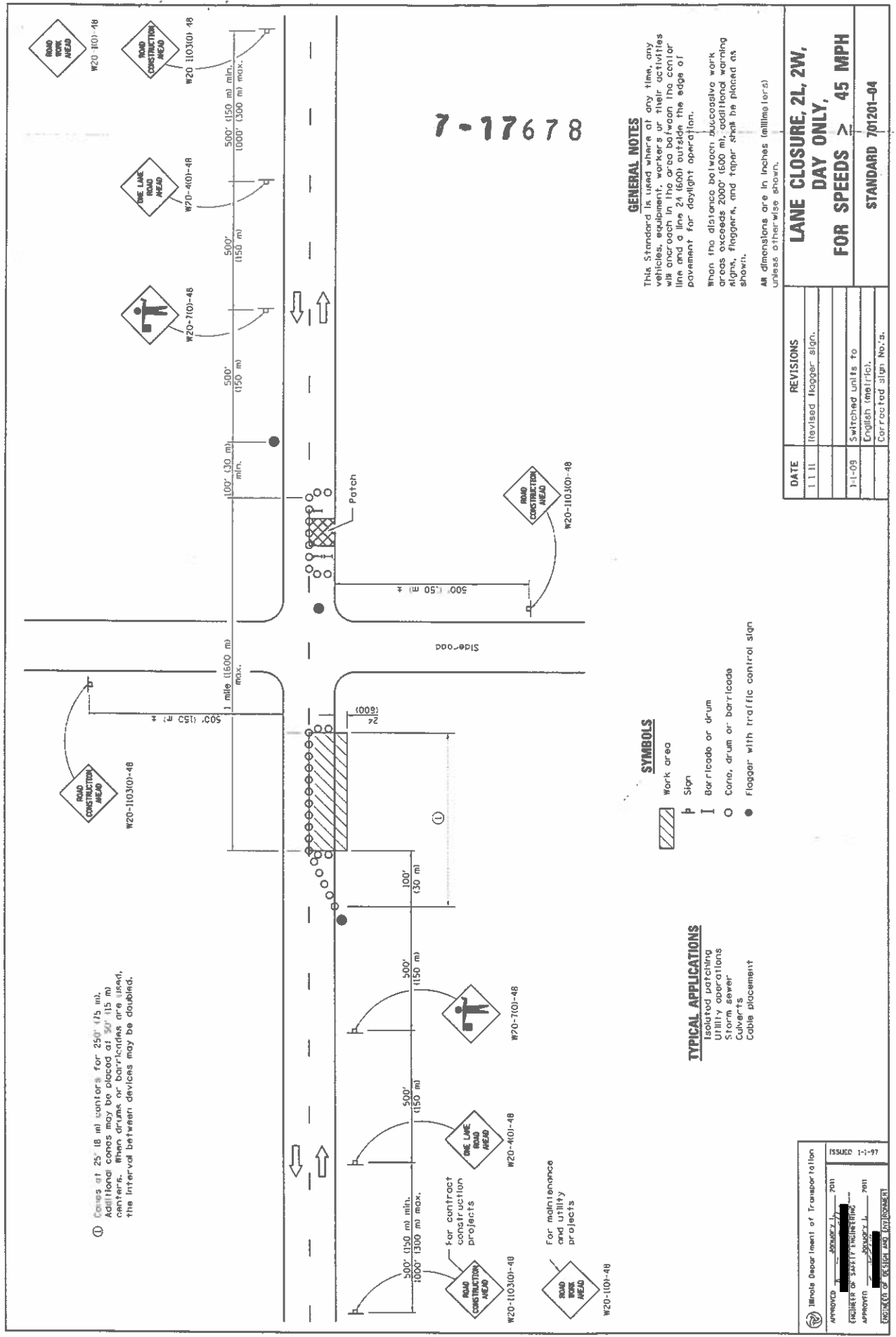
When doing the work covered in this permit, the Applicant shall use Traffic Control Standard 701201, which is attached and made a part of this permit. Standard 701201 is a minimum requirement and additional or supplemental devices may be required. All Traffic Control Devices must meet NCHRP-350 requirements.

It is understood and agreed that the Applicant, his successors, or assigns shall not alter or change the existing natural drainage contours of this property to discharge additional storm water onto the State highway right-of-way. If a change is proposed in the grade, area, or type of surface, the Applicant, his successors, or assigns shall submit a plan to the Illinois Department of Transportation for review before making any such changes.

The Illinois Department of Transportation will not grant any additional entrances to this tract of land, unless a minimum of 440' can be maintained between entrances or tracts containing more than five acres are sold.

A copy of this permit shall be in the possession of the construction foreman on the job site for inspection by the State Highway personnel.

The Applicant shall contact the Illinois Department of Transportation Operations Office in Effingham (217) 342-3951 a minimum of 48 hours in advance of starting the entrance work so a representative of this office may meet with the construction foreman to discuss the entrance construction details.



① Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or barricades are used, the interval between devices may be doubled.

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GENERAL NOTES
 This Standard is used where at any time, any vehicles, equipment, workers or their activities will encroach in the area between the center line and a line 24' (800) outside the edge of pavement for daylight operation.
 When the distance between successive work areas exceeds 2000' (600 m), additional warning signs, flaggers, and taper shall be placed as shown.
 All dimensions are in inches (millime (or-s) unless other wise shown.

SYMBOLS

- Work area
- Sign
- Barricade or drum
- Cone, drum or barricade
- Flagger with traffic control sign

TYPICAL APPLICATIONS

- Isolated patching
- Utility operations
- Storm sewer
- Culverts
- Cable placement

DATE	REVISIONS
1111	(Revised Kopper sign)
1-1-09	Switched units to English (metric).
	Corrected sign No.s.

LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH

STANDARD 701201-04

Illinois Department of Transportation

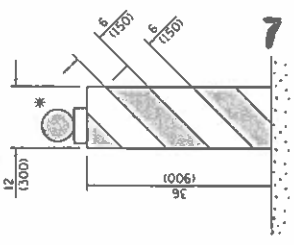
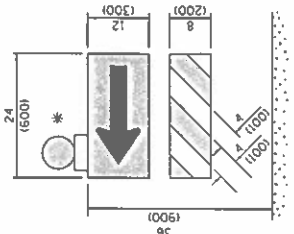
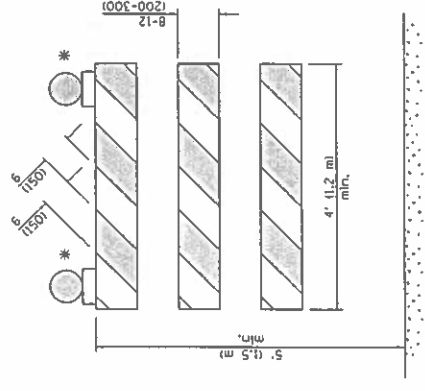
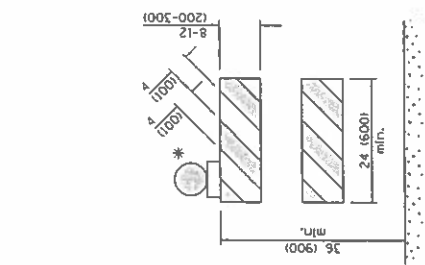
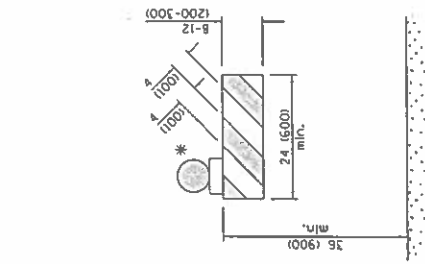
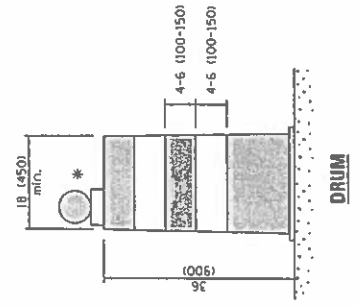
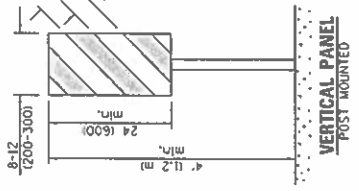
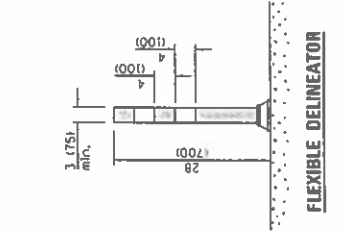
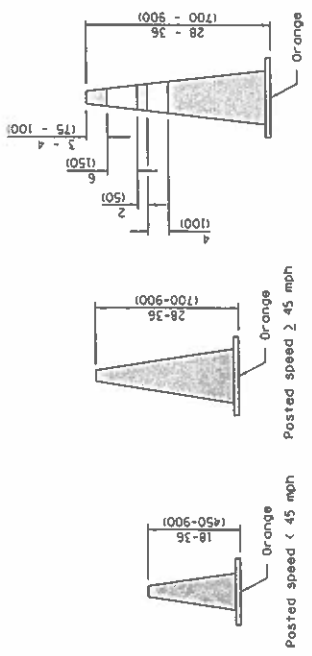
ISSUED 1-1-97

APPROVED: [Signature] 7011

ENGINEER OF SAFETY ENGINEERING [Signature] 7011

APPROVED: [Signature] 7011

OFFICE OF DESIGN AND DOCUMENT



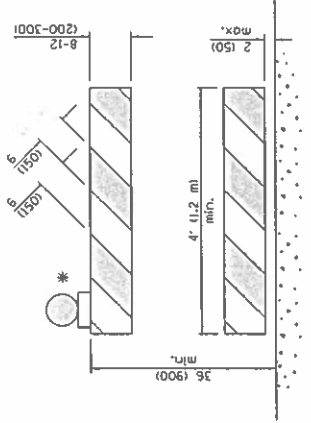
TYPE I BARRICADE

TYPE II BARRICADE

TYPE III BARRICADE

DIRECTION INDICATOR BARRICADE

VERTICAL BARRICADE



* Warning lights if required

GENERAL NOTES
All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Add dims to barricades. Rev. note for post mnt. signs.
	Rev. cone dtis. Add W12-1103.
1-1-15	Revised two sign numbers on sheet 2. Added note re: PHOTO ENFORCED plaque.

APPROVED	ISSUED
2016	1-1-17
ENGINEER OF TRANSPORTATION	
ENGINEER OF STRUCTURES	
ENGINEER OF SURVEYING	
ENGINEER OF TRUCK AND EQUIPMENT	

TRAFFIC CONTROL DEVICES
STANDARD 701901-05
(Sheet 1 of 3)

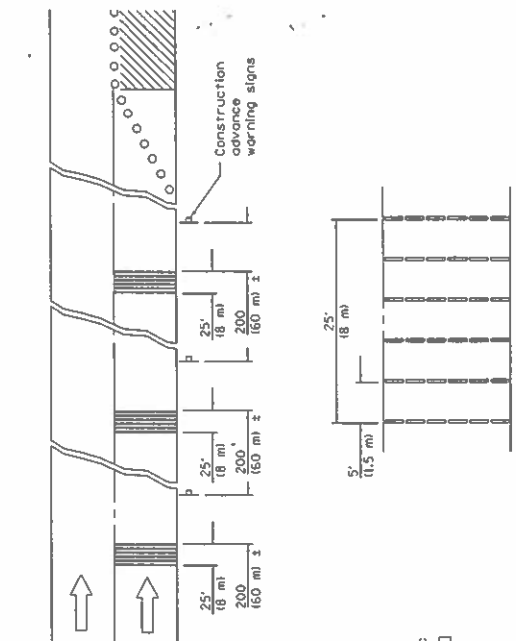
7-17678

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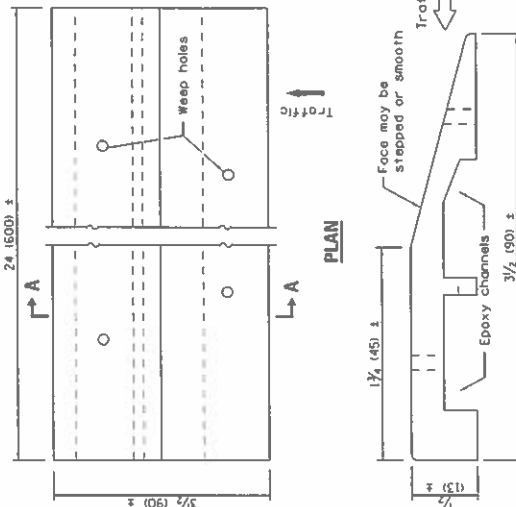
TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-05

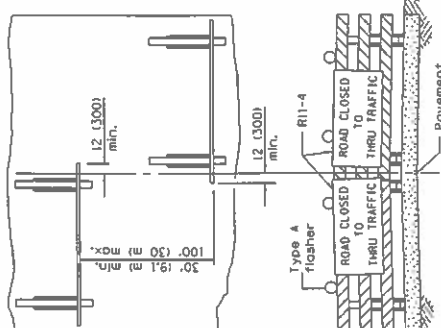


TYPICAL INSTALLATION

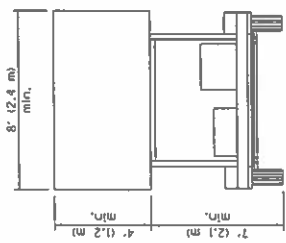


SECTION A-A

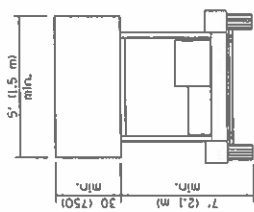
TEMPORARY RUMBLE STRIPS



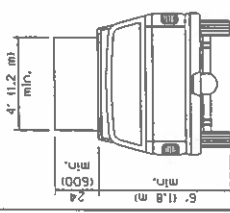
ROAD CLOSED TO THRU TRAFFIC
 ReflectORIZED striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not used, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.



TYPE C TRAILER MOUNTED

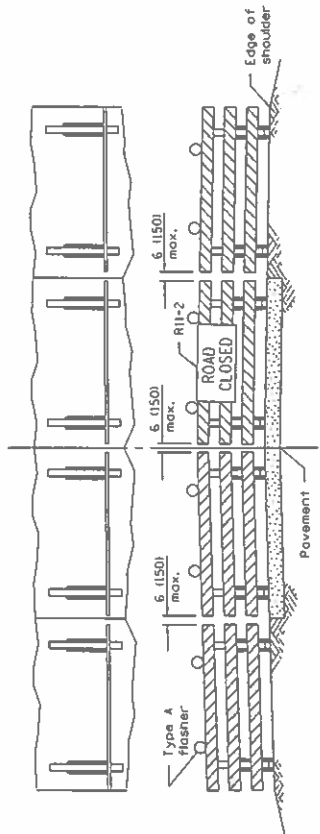


TYPE B ROOF OR TRAILER MOUNTED



TYPE A ROOF MOUNTED

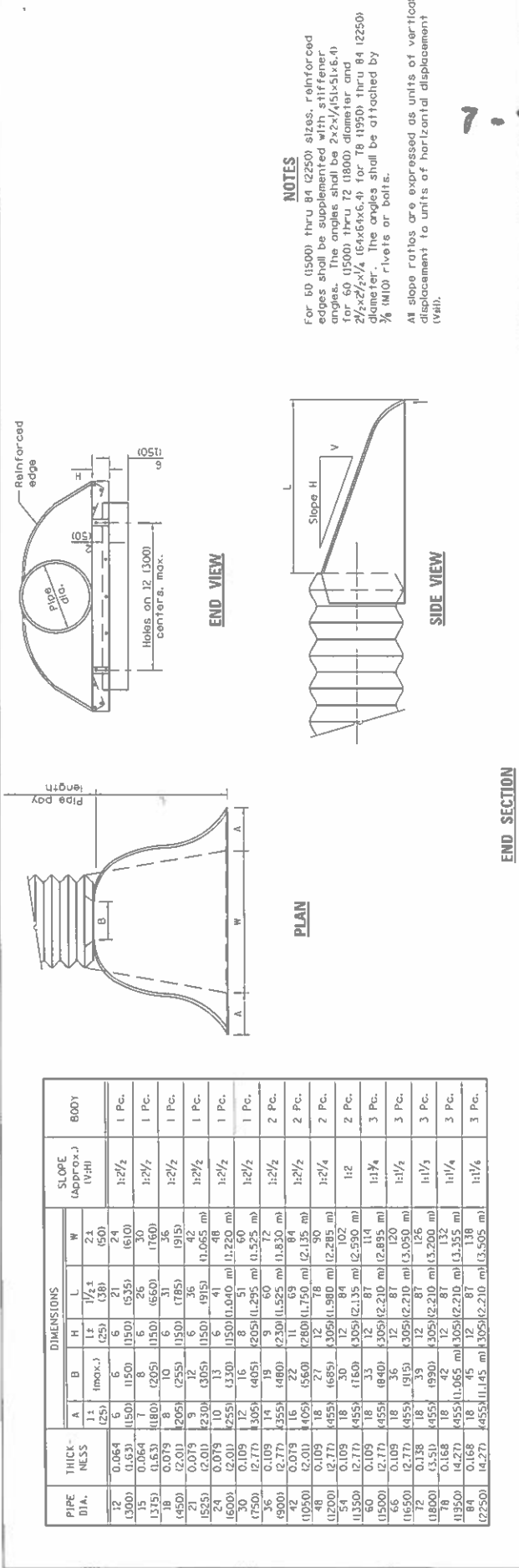
ARROW BOARDS



ROAD CLOSED TO ALL TRAFFIC
 ReflectORIZED striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation		ISSUED	1-1-97
APPROVED	DATE	2016	
ENGINEER OF OPERATIONS		2016	
APPROVED	DATE	2016	
ENGINEER OF DESIGN AND INSTRUMENT			



NOTES
 For 60 (1500) thru 84 (2250) sizes, reinforced edges shall be supplemented with stiffener angles. The angles shall be 2x2x1/4 (51x51x6.4) for 60 (1500) thru 72 (1800) diameter and 2 1/2x2 1/2x1/4 (64x64x6.4) for 78 (1950) thru 84 (2250) diameter. The angles shall be attached by 3/8 (M10) rivets or bolts.

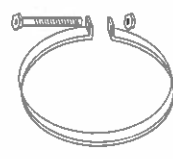
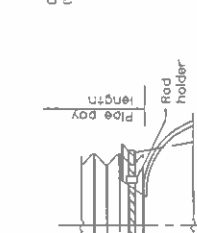
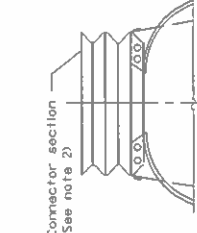
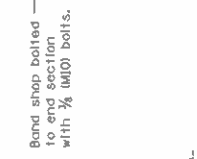
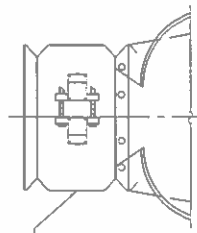
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (wall).

7-17678

NOTES

- Types 1 and 2 for pipes with annular ends only.
- Type 3 connection may be used for all pipe sizes and includes (2 (300)) of the pipe length. The end connection section shall be attached to the end of the pipe with 3/8 (M10) bolts. The metal thickness on the end section. Stub shall be either 2 1/2 (64) pitch x 1/2 (13) depth or 3 (75) pitch x 1 (25) depth annular corrugated pipe.
- Type 4 connection can be used for all pipe sizes. Coupler shall be 2 1/2 x 1/2 (64x13) dimple, huggar, or annular band of 3x1 (75x25). The dimple, huggar, or annular band may be used with corrugated metal pipes having annular ends. For corrugated metal pipes having helical ends, only the dimple band will be allowed.

All dimensions are in inches (millimeters) unless otherwise shown.



1 (25) wide, 0.109 (2.77) thick strap with standard 1/2x6 (M2x150) band bolt and nut.

DATE	REVISIONS
4-1-16	Revised THICKNESS values in Table.
1-1-09	Switched units to English (metric).

METAL END SECTION FOR PIPE CULVERTS

STANDARD 542401-02

CONNECTIONS OF END SECTIONS

Illinois Department of Transportation

ISSUED 1-1-97

APPROVED: [Signature]

ENGINEER OF POLICY AND PROCEDURES

APPROVED: [Signature]

2016

SPECIAL PROVISIONS
for
NONCOMMERCIAL ENTRANCE

PIPE CULVERTS – Pipe culverts shall be either new reinforced concrete culvert pipe or corrugated metal culvert pipe. The size and length of the pipe culvert to be installed are shown on the permit plan sheet and shall not be revised by the Applicant without approval from the Department.

DRIVEWAY SURFACE – The driveway surface shall be constructed of six (6) inches of gravel or crushed stone from the edge of the pavement to the right-of-way line or to a point designated on the plans.

DRIVEWAY GRADES – All driveways constructed in rural locations shall have a grade that slopes downward and away from the highway surface at a rate equal to the slope of the shoulder, but not less than 3/16-inch nor greater than 1-inch per foot. This slope shall continue for a minimum distance of 10 feet or to the center line of the ditch, whichever is less. Beyond the shoulder, the grade of rural driveways within the right-of-way should not exceed 12 percent for noncommercial driveways. The slopes of all drives constructed in urban locations shall be compatible with the provisions for drainage of the designed cross section, but shall not exceed 8 percent for noncommercial driveways. The grade used shall permit facilities that will accommodate the flow of the drainage in the vicinity of the driveway.

DRIVEWAY ENCROACHMENT – No portion of the driveway shall encroach on or extend in front of an adjacent property owner's frontage without first submitting to this Department written permission from said adjacent property owner for such encroachment.

USE OF DRAINAGE FACILITIES – In granting this permit, it is understood that the uses of drainage facilities of any nature are to comply with the requirements of the state laws, local ordinances and the regulations of the Illinois Environmental Protection Agency, Division of Water Pollution Control. No person, firm, corporation, or institution, public or private, shall discharge or empty any type of sewage, including the effluent from septic tanks or other sewage treatment devices, or any other domestic, commercial or industrial waste, or putrescible liquids, or cause the same to be discharged or emptied in any manner into open ditches along any public street or highway, or into any drain or drainage structure installed solely for street or highway drainage purposes.

MAINTENANCE – It is understood and agreed that the Applicant, his successors and assigns shall construct and maintain that portion of the driveway on State right-of-way in a manner satisfactory to the Department.

01-03

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

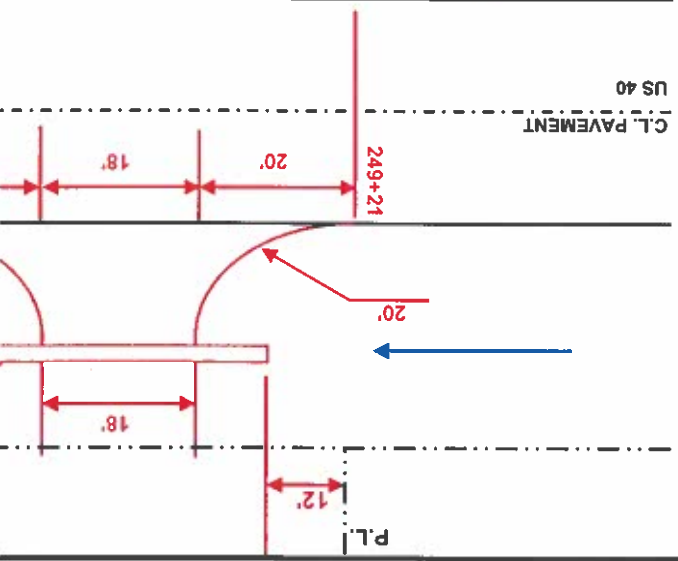
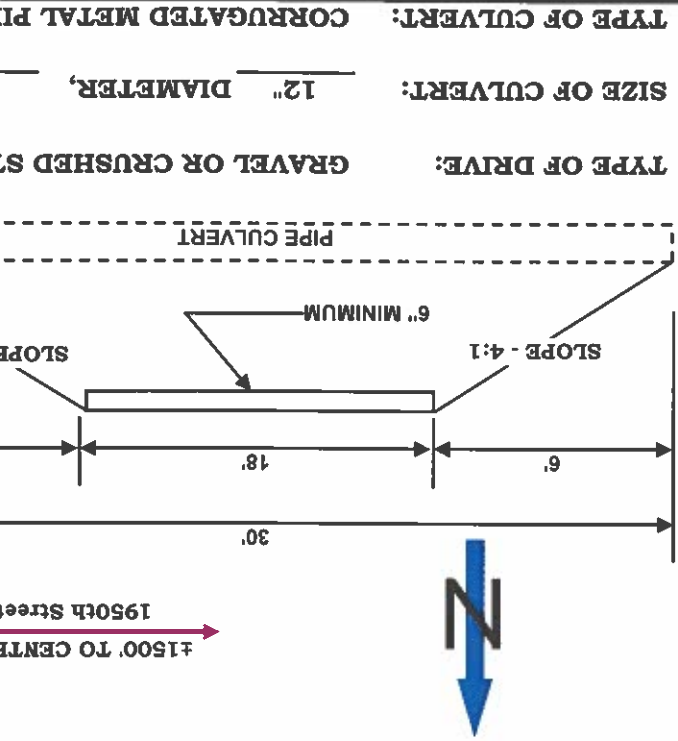
PERMIT SERIAL NUMBER 7-17678

APPLICANT (OWNER) BILL LUEKEN
(LESSEE)

ADDRESS 100 MCKEOUGH AVE APT 304 SARALAND, ALABAMA 36571

ROUTE (CONST) SBI 11 ROUTE (MARKED) US 40 SECTION G

STATION 249+21 STATION 249+79 COUNTY EFFINGHAM





7-17678

Bill Lueken
Proposed Field Entrance
Along US 40
Effingham County

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