

TRAFFIC CONTROL GENERAL:

Traffic control shall be maintained in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) latest edition. Traffic control devices used on this project should be new, or used in like new condition until completion of the work. Traffic control devices and technical assistance may be obtained from Saf-Ti-Co (502) 772-2511, highway safety systems (502) 366-5602, or any qualified traffic safety contractor.

PROJECT PHASING & CONSTRUCTION PROCEDURES:

At the discretion of the KYTC D4 Chief District Engineer, days and hours may be specified when lane closures will not be allowed. Lane closures will only be allowed between 9:00am and 3:00pm and must be pre-approved. Contact Kevin Blain, Permits Engineer, at 270–766–5066 a minimum of 48 hours prior to proposed lane closure approval.

The clear lane width shall be a minimum of 10 feet.

Temporary striping for centerline (solid double yellow) must be in place each day prior to removing traffic control. Do not leave lane closures in place during non-working hours. Shoulder closures may be left in place overnight, providing they are property signed and in accordance with the MUTCD.

PAVEMENT EDGE DROP-OFFS

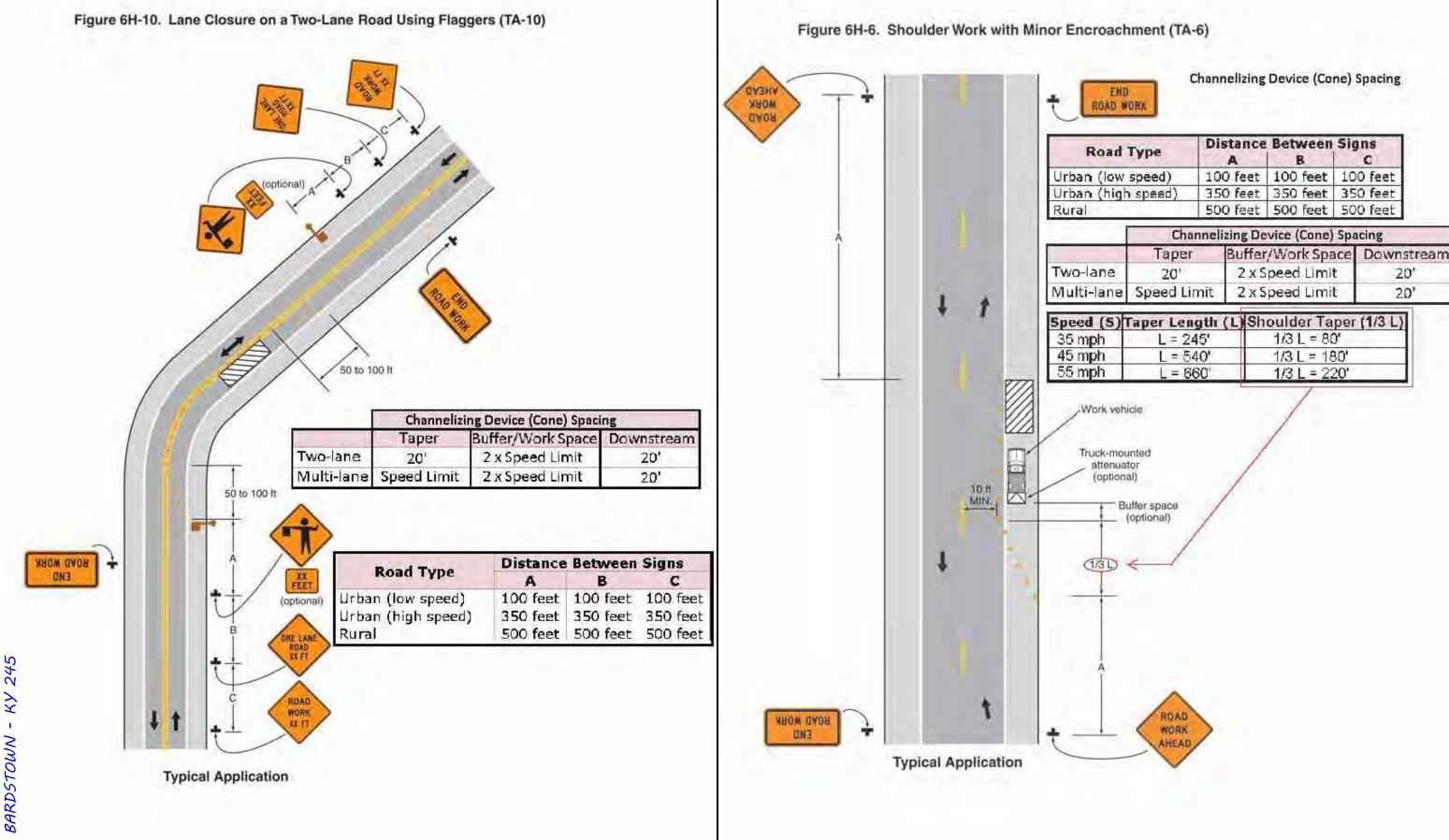
Warning signs (MUTCD W8-9A) shall be placed in advance of the drop-off area. Pavement edge shall be treated as follows:

Less than 2" - No protection required.

2" to 4" - Place plastic drums, vertical panels, or barricades every 50 feet. Cones may be used in place of plastic drums, panels, and barricades during daylight working hours.

Greater than 4" - Wedge with 3:1 or flatter slope. If there is 8' or more distance between the edge of pavement and drop-off, drums, panels or barricades may be used.

For temporary conditions, drop-offs greater than 4" may be protected with plastic drums, vertical panels or barricades for short distances during daylight hours while work is being don in the drop-off area.



Permit No. ___

I. SPECIAL NOTES

i. The portion of this project on KYTC right-of-way will be inspected by representatives of the Transportation Cabinet. The KYTC resident construction engineer, district permits engineer or their representative will decide all questions regarding the quality and acceptability of materials furnished, work performed and interpretation of the plans and specifications.

ii. The permittee agrees that all work within the existing right-of-way shall be done in accordance with the plans as approved and permitted by an encroachment permit. Any changes or variances made at the time of construction without written approval from the Department of Highways shall be removed by the permittee at no expense to the Department of Highways and shall be redone by the permittee to conform with the approved plans. iii. The contractor must contact the KYTC district office to review permit details prior to beginning work on the right-of-way.

II. SAFETY

i. All signs and control of traffic shall be in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways, latest edition, Part VI, and safety requirements shall comply with the Permits Manual.

ii. All work necessary shoulder or ditch line areas of a state highway shall be scheduled to be promptly completed so that hazards adjacent to the traveled way are kept to an absolute minimum. iii. No more than one (1) traveled—lane shall be blocked or obstructed during normal working hours. All signs and flaggers during lane closure shall conform to the Manual on Uniform Traffic Control Devices.

iv. When necessary to block one (1) traveled-lane of a state highway, the normal working hours shall be as directed by the Department. No lanes shall be blocked or obstructed during adverse weather conditions (rains, snow, fog, etc.) without specific permission from the Department. v. The traveled-way and shoulders shall be kept clear of mud and other construction debris at all times during construction of the permitted facility.

vi. The right-of-way shall be left free and clear of equipment, material, and vehicles during non-working hours. vii. No explosive devices or explosive material shall be used within state right-of-way without proper license and approval of the Kentucky Department of Mines and Minerals, Explosive Division.

viii. The 30-foot clear zone requirement shall be met to the extent possible in accordance with the Permits Manual. ix. OSHA: Kentucky Occupational Safety and Health Standards for the construction industry, which has the effect of law, states in part: (Page 52, 1926.651, Specific Excavation Requirements) "Prior to opening an excavation, effort shall be made to determine whether underground installations, (sewer, telephone, water, fuel, electric lines, etc.) will be encountered, and if so, where such underground installations are located. When the excavation approaches the estimated location of such an installation, the exact location shall be determined, and when it is uncovered, proper supports shall be provided for the existing installation. Utility companies shall be contacted and advised of proposed work prior to the start of actual excavation.

III. GENERAL

i. Archaeological: Whenever materials of an archaeological nature are discovered during the course of construction work or maintenance operations, contact shall be made immediately with the Division of Environmental Analysis, which maintains an archaeologist on staff, or with the Office of the State Archaeologist located at the University of Kentucky. Following this consultation, further action shall be decided on a case-by-case basis by the State Highway Engineer or the Transportation Planning Engineer or their designated representative.

Environmental: If the activity to which this permit relates disturbs one acre or more of land, you must obtain a KPDES KYR10 permit. Websites:

- http://www.water.ky.gov/permitting/wastewaterpermitting/KPDES/storm/
- Inspectors for KPDES KYR10 at www.KEPSC.org
- iii. Contractor shall comply with all federal, state and local regulations.

iv. All construction materials shall fully comply with the KYTC Regulations, Standard Drawings and the Standard Specifications for Road and Bridge Construction (latest edition). v. The general contractor working on the highway must be pre-qualified by KYTC. The contractor must attend a preconstruction meeting at the KYTC district office prior to beginning work on the right-of-way.

IV. R/W RESTORATION

i. In areas where turf is present, restoration will consist of mechanical tamping, dressing, reseeding, and mulching all affected areas of the right—of—way. All slopes and other portions of the non-surfaced highway buffer area, except rock cuts, must be restored by sodding, seeding, or mulching. The sod method is preferred; however, if the applicant can show that sod is not reasonably available, then seeding and mulching will be allowed. Generally speaking, the procedures outlined in the Department's Standard Specifications will apply. In all cases, a good turf must be guaranteed by the permittee. Permits and bonds will not be released until this condition is met.

ii. All disturbed portions of the right of way shall be restored to grass as per Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition). A satisfactory turf, as determined by the Department, shall be established by the permittee prior to release of indemnity. Sodding or seeding shall be as follows: 70% Lawn Fescue (e.g., variety - Falcon) - Lawn or High Maintenance Situation

30 % Bluegrass or

- 70% Lawn Rye (e.g., variety Derby)
- 30% Bluegrass
- Right of Way Lawn Maintenance Situation 70% KY 31 Fescue
- 30% Perennial Rye Grass or
- 100% KY Fescue
- iii. Two tons of clean straw mulch per acre of seeding
- iv. Prior to seeding, the ground shall be prepared in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition). v. Substitutes for sod such as artificial turf, rocked mulch, or paved areas may be acceptable if they are aesthetically pleasing. Requires written approval by KYTC.

V. PAVING

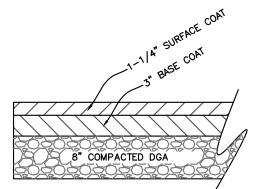
i. No bituminous pavement shall be installed within the right-of-way between November 15 and April 1, nor when the temperature is below 40 degrees Farenheit, without the express consent of the Department. No bituminous pavement shall be intended when the underlying course is wet.

See approved plan sheet for pavement detail. Existing pavement and shoulder material shall be removed to accommodate the paving specifications in approved plan. iv. The finished surface of all new pavement within the right-of-way shall be true to the required slope and grade, uniform in density and texture, free of irregularities, and equivalent in riding qualities to the adjacent highway pavement or as determined by the Department of Highways. v. All materials and methods of construction, including base and subgrade preparation, shall be in accordance with Kentucky Department of Highways Standard Specifications for Road and Bridge Construction (latest edition).

vi. 24 Hours notice to the Department is required prior to beginning paving operations.

- Phone: $\-\-766-5066$ Name: Kevin Blain
- pavement as specified in drawings. See plan sheet and profile.

viii. All asphalt connections shall be saw cut with a mechanical saw in a straight and neat manner for smooth transition to roadway pavement. Clean and apply an approved tack coat to all exposed existing asphalt before paving adjoining improvement to form a bond/seal between existing pavement and new pavement.



PAVEMENT SCHEDULE FOR ENTRANCES/ROADWAYS

vii. To ensure proper surface drainage, the new pavement shall be flush with the edge of existing highway pavement and shall slope away from the existing edge of the

