



Traffic Guidelines Manual

ORIGINATOR State Traffic Engineer	2-4-45.1
CHAPTER 2	Signing
SECTION 4	Guide Signs – Conventional
SUBJECT 45.1	Emergency Hospital Signing

A. Purpose

The purpose of the official Hospital sign is to designate hospitals with emergency care facilities. It is not intended for designating hospitals that cannot accept emergencies.

Signs (STANDARD SIGN D9-2 "H" symbol with appropriate arrow) will be furnished and maintained by the Department, on the state trunk highway system (if the state trunk highway does not lead directly past the hospital) for public and private hospitals meeting the American Medical Association (AMA) criteria. Thus signs would be warranted on a freeway or a state trunk highway that bypasses a community having a qualifying hospital. When a highway bypasses a municipality having a hospital, the Department will erect signs at appropriate locations on the bypass where motorists can best be directed into the municipality to the hospital.

Hospital signs and trailblazers on connecting streets and on local streets will not be furnished, erected, or maintained by the Department. At that point any further trailblazing is the responsibility of the local unit of government having maintenance jurisdiction over the highway carrying the route to the hospital.

No signing will be done on the state trunk highway system until signs have been erected on the local portion of the route to the hospital.

H signs *may* be erected only after being authorized by the Central Office, when the criteria in the following guidelines are met.

The following are guidelines for hospital signing:

1. An H sign *may* be warranted for a public or private hospital which has continuous emergency care capability as defined by the American Medical Association and which is in their categorized report. Attached to the policy is a listing of hospitals that have been approved by the American Medical Association for Emergency Care Facilities. Hospitals included on this list *may* be signed provided they meet the rest of the criteria outlined in this policy.

2. An H sign *may* be warranted on a freeway when the hospital is within a community contiguous to or near the freeway, or not more than 15 miles from the freeway.
3. An H sign *may* also be warranted on a major highway which is not a freeway but which bypasses a community having a qualifying hospital.
4. On a freeway or other highway that bypasses a community having a hospital, the H sign will be erected:
 - a. Only at the point or points giving access to the most direct route to the hospital.
 - b. Only once for traffic in each direction on a given highway.
5. H signs will not be erected on State Trunk Highways leading directly into communities having hospitals except as those highways are HOSPITAL routes as described in item 6.
6. H signs and trailblazers will be erected and maintained on the State Trunk Highway System by the Department but not until it receives assurance from the hospital administration that any Hospital Route Signs required on local roads and streets have been erected.
7. The name of the hospital will be utilized only in those cases where there is more than one hospital on the route, each of which appears on the list of hospitals, which have approved emergency facilities, and each of which is approximately the same distance from the point at which the routes to the hospitals diverge. The hospital name sign will be utilized only at that divergence point, and not with other trailblazers between the beginning of the signed hospital route and the point of divergence, nor between the point of divergence and the hospital itself.

The Department will remove signs from the state trunk highways when notified that a facility does not meet the criteria for an Emergency Care Facility, and are not included on the attached lists.

City	Region	Hospital
Antigo	NC	Langlade Hospital - An Aspirus Partner
Berlin	NC	Berlin Memorial Hospital
Eagle River	NC	Ministry Eagle River Memorial Hospital
Friendship	NC	Moundview Memorial Hospital & Clinics, Inc
Marshfield	NC	Ministry Saint Joseph's Hospital
Merrill	NC	Ministry Good Samaritan Health Center
Park Falls	NC	Flambeau Hospital
Rhineland	NC	Ministry Saint Mary's Hospital
Shawano	NC	Shawano Medical Center
Stevens Point	NC	Ministry Saint Michael's Hospital
Tomahawk	NC	Ministry Sacred Heart Hospital
Waupaca	NC	Riverside Medical Center

City	Region	Hospital
Wausau	NC	Aspirus Wausau Hospital
Weston	NC	Ministry Saint Clare's Hospital
Wild Rose	NC	Wild Rose Community Memorial Hospital
Wisconsin Rapids	NC	Riverview Hospital Association
Woodruff	NC	Howard Young Medical Center
Appleton	NE	Appleton Medical Center
Appleton	NE	St. Elizabeth Hospital
Chilton	NE	Calumet Medical Center
Fond du Lac	NE	Agnesian HealthCare / St. Agnes Hospital
Green Bay	NE	Aurora BayCare Medical Center in Green Bay
Green Bay	NE	Bellin Hospital
Green Bay	NE	St. Mary's Hospital Medical Center
Green Bay	NE	Green Bay - St. Vincent Hospital
Manitowoc	NE	Holy Family Memorial Inc
Marinette	NE	Bay Area Medical Center
Neenah	NE	Children's Hospital of Wisconsin - Fox Valley
Neenah	NE	Theda Clark Medical Center
New London	NE	New London Family Medical Center
Oconto	NE	Bellin Health Oconto Hospital
Oconto Falls	NE	Community Memorial Hospital
Oshkosh	NE	Aurora Medical Center in Oshkosh
Oshkosh	NE	Mercy Medical Center
Ripon	NE	Ripon Medical Center Inc
Sheboygan	NE	Aurora Sheboygan Memorial Medical Center
Sheboygan	NE	St. Nicholas Hospital
Sturgeon Bay	NE	Ministry Door County Medical Center
Two Rivers	NE	Aurora Medical Center of Manitowoc County
Amery	NW	Amery Regional Medical Center
Ashland	NW	Memorial Medical Center
Baldwin	NW	Western Wisconsin Health
Barron	NW	Mayo Clinic Health System - Northland in Barron
Black River Falls	NW	Black River Memorial Hospital
Bloomer	NW	Mayo Clinic Health System - Chippewa Valley in Bloomer
Chippewa Falls	NW	St. Joseph's Hospital
Cumberland	NW	Cumberland Healthcare
Durand	NW	Chippewa Valley Hospital
Eau Claire	NW	Mayo Clinic Health System in Eau Claire
Eau Claire	NW	Oakleaf Surgical Hospital
Eau Claire	NW	Sacred Heart Hospital
Grantsburg	NW	Burnett Medical Center
Hayward	NW	Hayward Area Memorial Hospital
Hudson	NW	Hudson Hospital & Clinics
Ladysmith	NW	Rusk County Memorial Hospital

City	Region	Hospital
Medford	NW	Aspirus Medford Hospital & Clinics, Inc
Menomonie	NW	Mayo Clinic Health System - Red Cedar, Inc
Neillsville	NW	Memorial Medical Center
New Richmond	NW	Westfields Hospital
Osceola	NW	Osceola Medical Center
Osseo	NW	Mayo Clinic Health System - Oakridge in Osseo
Rice Lake	NW	Lakeview Medical Center
River Falls	NW	River Falls Area Hospital
Shell Lake	NW	Indianhead Medical Center / Shell Lake
Spooner	NW	Spooner Health System
St. Croix Falls	NW	St. Croix Regional Medical Center
Stanley	NW	Ministry Our Lady of Victory Hospital
Superior	NW	St. Mary's Hospital of Superior
Whitehall	NW	Gundersen Tri-County Hospital & Clinics
Brookfield	SE	Wheaton Franciscan - Elmbrook Memorial Campus
Burlington	SE	Aurora Memorial Hospital of Burlington
Elkhorn	SE	Aurora Lakeland Medical Center in Elkhorn
Franklin	SE	Midwest Orthopedic Specialty Hospital
Franklin	SE	Wheaton Franciscan Healthcare - Franklin
Greendale	SE	Orthopaedic Hospital of Wisconsin
Grafton	SE	Aurora Medical Center in Grafton
Hartford	SE	Aurora Medical Center in Hartford
Kenosha	SE	Aurora Medical Center in Kenosha
Kenosha	SE	Kenosha - UHS, Inc
Lake Geneva	SE	Mercy Walworth Hospital and Medical Center
Menomonee Falls	SE	Community Memorial Hospital of Menomonee Falls, Inc
Mequon	SE	Columbia Center
Mequon	SE	Columbia St Mary's Inc - Ozaukee Campus
Milwaukee	SE	Aurora Sinai Medical Center
Milwaukee	SE	Aurora St. Luke's Medical Center / South Shore
Milwaukee	SE	Children's Hospital of Wisconsin
Milwaukee	SE	Columbia St. Mary's Hospital Milwaukee
Milwaukee	SE	Froedtert Memorial Lutheran Hospital Inc
Milwaukee	SE	Wheaton Franciscan Healthcare - St. Francis
Milwaukee	SE	Wheaton Franciscan - St. Joseph Campus
Oconomowoc	SE	Oconomowoc Memorial Hospital
Racine	SE	Wheaton Franciscan Healthcare - All Saints, Inc
Summit	SE	Aurora Medical Center in Summit
Waukesha	SE	Waukesha Memorial Hospital
Wauwatosa	SE	Midwest Spine and Orthopedic Hospital and Wisconsin Heart Hospital
West Allis	SE	Aurora West Allis Medical Center
West Bend	SE	St. Joseph's Community Hospital of West Bend Inc

City	Region	Hospital
Baraboo	SW	St. Clare Hospital & Health Services
Beaver Dam	SW	Beaver Dam Community Hospitals Inc
Beloit	SW	Beloit Health System
Boscobel	SW	Gundersen Boscobel Area Hospital and Clinics
Columbus	SW	Columbus Community Hospital
Darlington	SW	Memorial Hospital of Lafayette Co.
Dodgeville	SW	Upland Hills Health Inc
Edgerton	SW	Edgerton Hospital & Health Services
Fort Atkinson	SW	Fort HealthCare
Hillsboro	SW	Gundersen St. Joseph's Hospital & Clinics
Janesville	SW	Mercy Hospital and Trauma Center
Janesville	SW	St. Mary's Janesville Hospital
La Crosse	SW	Gundersen Lutheran Medical Center
La Crosse	SW	Mayo Clinic Health System - Franciscan Healthcare in La Crosse
Lancaster	SW	Grant Regional Health Center
Madison	SW	Meriter-UnityPoint Health
Madison	SW	St. Mary's Hospital
Madison	SW	UW Hospital & Clinics
Mauston	SW	Mile Bluff Medical Center
Monroe	SW	Monroe Clinic
Platteville	SW	Southwest Health Center
Portage	SW	Divine Savior Healthcare
Prairie du Chien	SW	Prairie du Chien Memorial Hospital
Prairie du Sac	SW	aak Prairie Healthcare
Reedsburg	SW	Reedsburg Area Medical Center
Richland Center	SW	The Richland Hospital Inc
Sparta	SW	Mayo Clinic Health System - Franciscan Healthcare in Sparta
Stoughton	SW	Stoughton Hospital Association
Tomah	SW	Tomah Memorial Hospital
Viroqua	SW	Vernon Memorial Healthcare
Watertown	SW	UW Health Partners Watertown Regional Medical Center
Waupun	SW	Waupun Memorial Hospital



Traffic Guidelines Manual

ORIGINATOR State Traffic Engineer		2-20-10
CHAPTER 2	Signing	
SECTION 20	Sign Manufacture	
SUBJECT 10	Sign Delivery Process	

A. Purpose

Most signs (with the exception of ~~Type I demountable copy message signs~~) are delivered from the Traffic Operations Central Sign Shop in Madison to a distribution county the Regional Sign Shops utilizing the Badger State Industries (BSI) delivery system. ~~A Sign Delivery Process has been established to give guidance to the Regional sign shops on the proper lead times for sign deliveries based on the type of sign, and as a result, can help with scheduling routine sign replacements.~~ Shorter lead times for sign delivery ~~to the Regions~~ are available ~~from vendors~~, however the sign cost(s) will increase. ~~The delivery schedule on the calendar can also be helpful to the Regional sign shops and traffic sections when signs are requested by others because it will give a timeframe as to when to expect delivery of the sign.~~

The Bureau of Traffic Operations maintains all of the sign costs in the WorkDirector database. These costs are for the normal delivery period of each type of sign. ~~The Regional Sign Shops have the ability in WorkDirector to view these costs.~~

The Sign Delivery Calendar will be produced and sent to the Regions annually ~~during the month of September~~. Copies of this calendar can be obtained from the Bureau of Traffic Operations Traffic Design Unit (DOTBTOSignOrders@dot.wi.gov).

B. Process

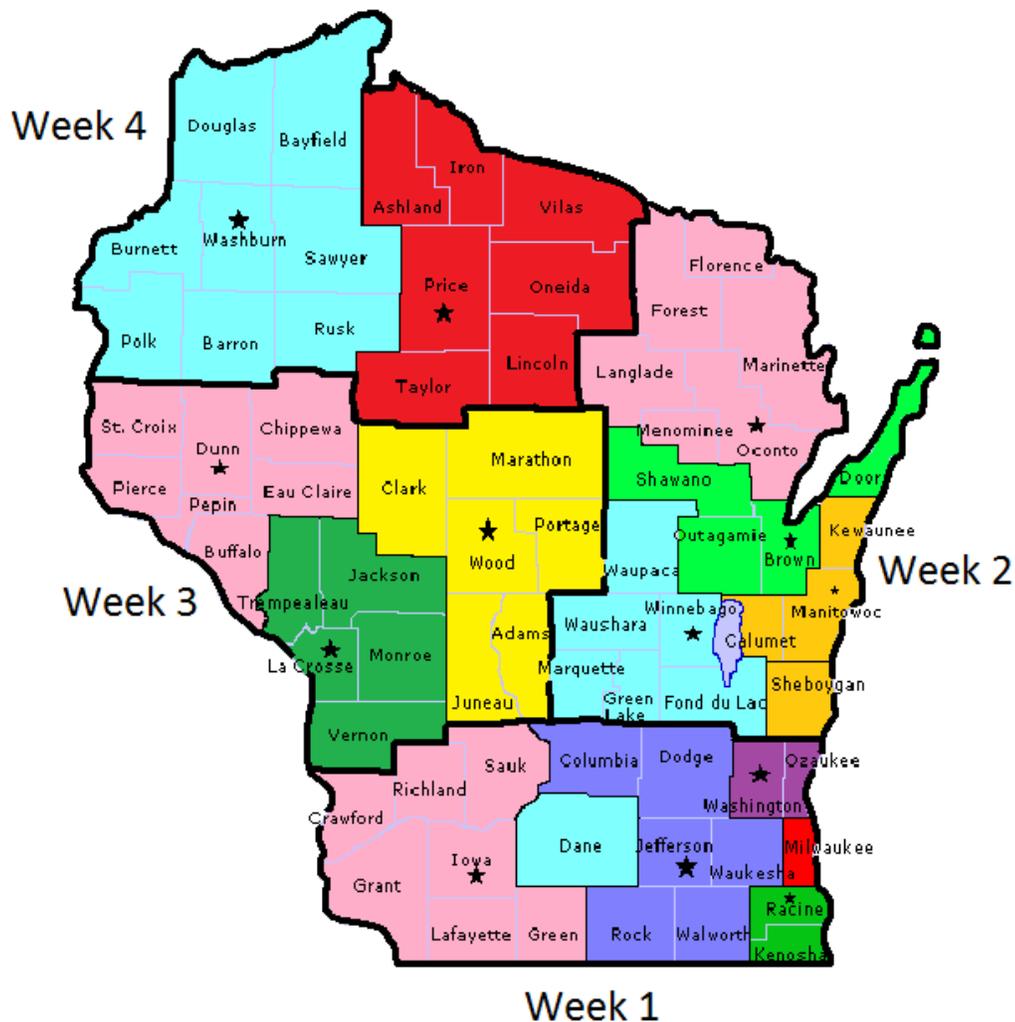
~~The following sign types (currently produced by Decker, TAPCO and BSI) will be included in the BSI sign deliveries:~~

- ~~• Stencil Message on Sheet Aluminum Signs~~
- ~~• Stencil Message on Plywood Signs~~
- ~~• Die-Cut or Electro-cut Message Signs~~
- ~~• Warehoused Signs~~
- ~~• Special Signs on Sheet Aluminum and Plywood~~

Demountable Copy Message signs will continue to be delivered directly from the vendor(s) to the Region.

The BSI delivery process will consist of a ~~three~~ four-week cycle. ~~La Crosse, Eau Claire, and Spooner Sign Shops will have signs delivered during week 1 of the cycle; West Allis Sign Shop will have signs delivered during week 2 of the cycle; and Green Bay, Wisconsin Rapids and Rhinelander Sign Shops will have signs delivered during week 3 of the cycle. The Madison Sign Shop will be able to obtain their signs as soon as they are delivered to the Central Sign Shop. The BSI delivery truck will be loaded at the Central Sign Shop on Tuesday of every week and the truck will begin deliveries on Wednesday.~~

Sign Distribution Counties



The requestor will need to allow the proper lead time for a sign delivery. The lead times differ on the vendor contracts for each sign type. Please keep these times in mind when ordering signs. These lead times are subject to change upon renewal of vendor sign contracts. The Regional Sign Shops will be notified of any changes in vendor lead times.

~~_____ Stencil Message on Sheet Aluminum (Badger State Industries)~~

- ~~• 30 calendar day delivery to Madison~~

~~_____ Stencil Message on Plywood (TAPCO)~~

- ~~• 28 calendar day delivery to Madison~~
- ~~• 14 calendar day delivery to Madison (5% upcharge)~~
- ~~• 10 calendar day delivery to Madison (5% upcharge)~~
- ~~• 5 calendar day “super-rush” delivery to Regional Sign Shop (50% upcharge)~~

~~_____ Die-Cut or Electro-cut Message Signs (Decker)~~

- ~~• 28 calendar day delivery to Madison~~
- ~~• 14 calendar day delivery to Madison (6% upcharge)~~
- ~~• 10 calendar day delivery to Madison (6% upcharge)~~
- ~~• 5 calendar day “super rush” delivery to Regional Sign Shop (50% upcharge)~~

~~_____ Warehoused Signs (Badger State Industries, Decker or TAPCO)~~

~~_____ 30 calendar day delivery to Madison if they are not available in the warehouse. If the signs are available in the warehouse, they can be ready to ship in one week after the requisition is received.~~

~~_____ Special Signs on Sheet Aluminum (Badger State Industries)~~

~~_____ 30 calendar day delivery to Madison~~

~~_____ Demountable Copy Message on Plywood and Extruded Aluminum (Decker)*~~

- ~~• 28 calendar day delivery to Region Sign Shop~~
- ~~• 14 calendar day delivery to Regional Sign Shop (5% upcharge)~~
- ~~• 10 calendar day delivery to Regional Sign Shop (5% upcharge)~~
- ~~• 5 calendar day “super rush” delivery to Regional Sign Shop (50% upcharge)~~

~~*Note Demountable Copy Message signs are shipped directly to the Regional Sign Shops.~~

IMPORTANT: Remember to add 14 calendar days to these lead dates to allow the Bureau of Traffic Operations to process the sign order. That time is needed to check the requisition, prepare a sign detail (if necessary), get the requisition entered on a vendor order and send the purchase order to the vendor. This 14 calendar day order processing time will not apply to signs that are warehoused at the Central Sign Shop in Madison.

Examples of sign ordering and delivery procedures:

~~Say the West Allis Region Sign Shop needs a die-cut sign delivered during the week of October 20, which is their scheduled delivery week. In order for the West Allis~~

~~Region Sign Shop to get this sign delivered on time (normal delivery), they would have to get this order into WorkDirector and sent to Madison 42 days in advance of the October 20 shipping period (28 days + 14 days). This sign requisition would have to be in the WorkDirector system and sent to Madison by Monday, September 8. For a 14 calendar day rush delivery, this order would have to be into WorkDirector and sent to Madison 28 days in advance of the October 20 shipping period (14 days + 14 days). Therefore, for a rush delivery of this sign, this sign requisition would have to be in the Work Director system and sent to Madison by Monday, September 22. If the sign is a rush delivery, please note in the order notes to RUSH 14 DAY DELIVERY.~~

~~Say the Green Bay Region Sign Shop needs a warehoused sign (36" STOP signs) delivered during the week of September 15, which is their scheduled delivery week. In order for the Sign Shop to get this warehoused sign delivered on time (provided these signs are available in the warehouse), they would have to get this order into WorkDirector and sent to Madison 7 days in advance of the September 15 shipping period. This requisition would have to be in the WorkDirector system and sent to Madison by Monday, September 8.~~

REQUIREMENTS OF BSI SIGN DELIVERY CONTRACT

Below is a summary of the provisions contained in the BSI sign delivery contract.

1. ~~The typical weight of each delivery is approximately 4000 lbs.~~ Aluminum signs are normally banded together and secured on pallets.;
2. Signs not on pallets are ~~in bundles on red carts.~~ Typical lengths of these signs are 8 to 10 feet, but ~~maybe as long as 16 feet.~~ The 8 to 10 foot signs are normally bundled in quantities of two and the weight does not exceed 150 pounds. Signs exceeding 10 feet in length are normally packaged singularly. Numbers of bundles per delivery varies.
3. ~~The BSI delivery vehicle is equipped with a power tailgate to help in the unloading of signs.~~ Each Sign Shop **shall** have an individual available to assist in the unloading procedure. ~~Each Sign Shop will provide a forklift truck for the BSI delivery staff.~~
4. Deliveries **shall will** normally be made on ~~Wednesday or~~ Thursday of each week. Revisions to the delivery schedule by BSI must be approved by the Sign Distribution ~~County Center and the Sign Shop(s).~~ BSI must notify the Central Sign Distribution County Shop and the appropriate Region Sign Shop(s) of changes in the delivery schedule 48 hours prior to the delivery. In addition, the contacts at each Sign Shop **shall** be notified ~~24~~ 48 hours in advance by BSI as to the arrival time of each delivery.
5. ~~The Regional Sign Shop For County~~ contact persons information and delivery times are as follows please contact DOTBTOSignOrders@dot.wi.gov:

<u>Region Sign Shop</u>	<u>Contact Person</u>	<u>Delivery Times</u>
<u>Madison</u>	<u>Jeff Holloway</u>	<u>7:00am - 2:00pm (M-F)</u>
<u>West Allis</u>	<u>Dennis Newton</u>	<u>7:00am - 2:00pm (M-F)</u>

Green Bay	Mike Frewerd	8:00am - 3:30pm (M-TH)
Wisconsin Rapids	George Nicolaus	8:00am - 2:00pm (M-TH)
La Crosse	Iver Peterson	7:00am - 3:30pm (M-TH)
Eau Claire	Steve Allard	7:00am - 2:30pm (M-F)
Rhineland	George Nicolaus	8:00am - 2:00pm (M-TH)
Spooner	Steve Sydow	7:00am - 3:30pm (M-TH)

6. BSI will also return signs from the ~~regions~~ county to the ~~Traffic Operations~~ Central Office Sign Shop in Madison.
7. BSI will pick up and haul scrap aluminum signs from the ~~counties~~ regions.
8. BSI is responsible for damages to signs that are shipped and returned.



Traffic Guidelines Manual

ORIGINATOR State Traffic Engineer	3-10-1
CHAPTER 3	Markings
SECTION 10	Program
SUBJECT 1	Pavement Marking Material Selection Policy

Purpose

Uniformity in the application of pavement markings materials on state highways is very important because it will provide for consistency of motorist expectations, which can enhance traffic safety. Consistency of application will result in the most efficient usage of dollars (both for projects and maintenance) for pavement markings. In turn, this will lead to a sustainable pavement marking program that will provide effective pavement markings to address the needs of motorists at the most economical cost.

This policy provides direction on what types of pavement marking materials are used on the different types of roadways.

It is recognized that there *may* be times where unique situations could necessitate a deviation from this policy. Unique locations or non-standard markings **shall** be discussed with the Regional Traffic Section prior to including such markings in contract plans.

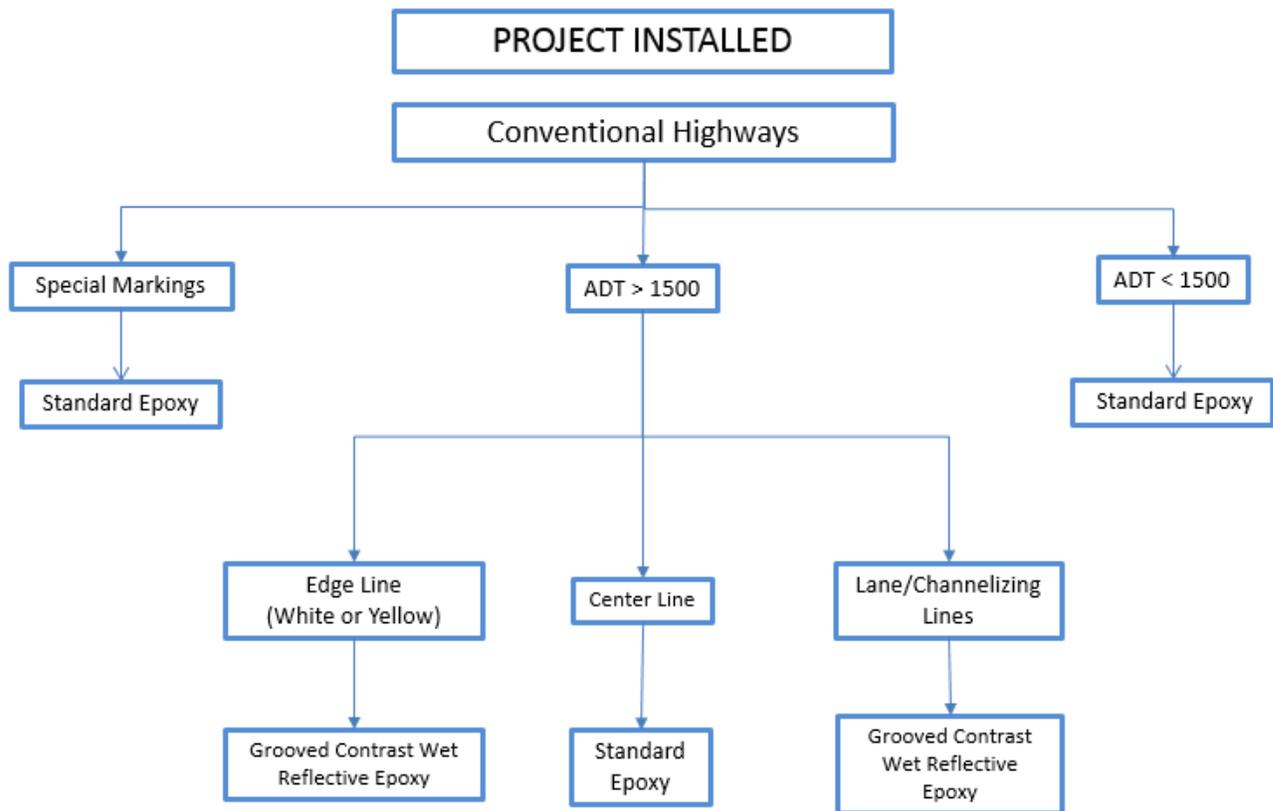
Any pavement marking material usage requests that are not on the Department's Approved Products List **shall** be reviewed and approved by the Bureau of Traffic Operations prior to usage. Vendors requesting usage of new products **shall** be referred to the Bureau of Traffic Operations.

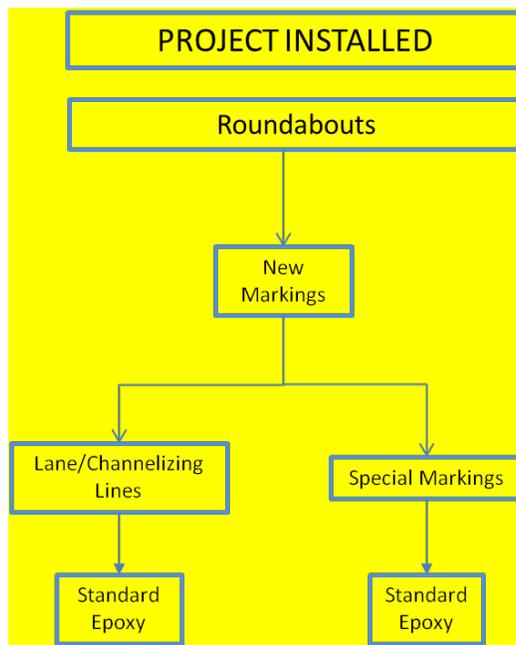
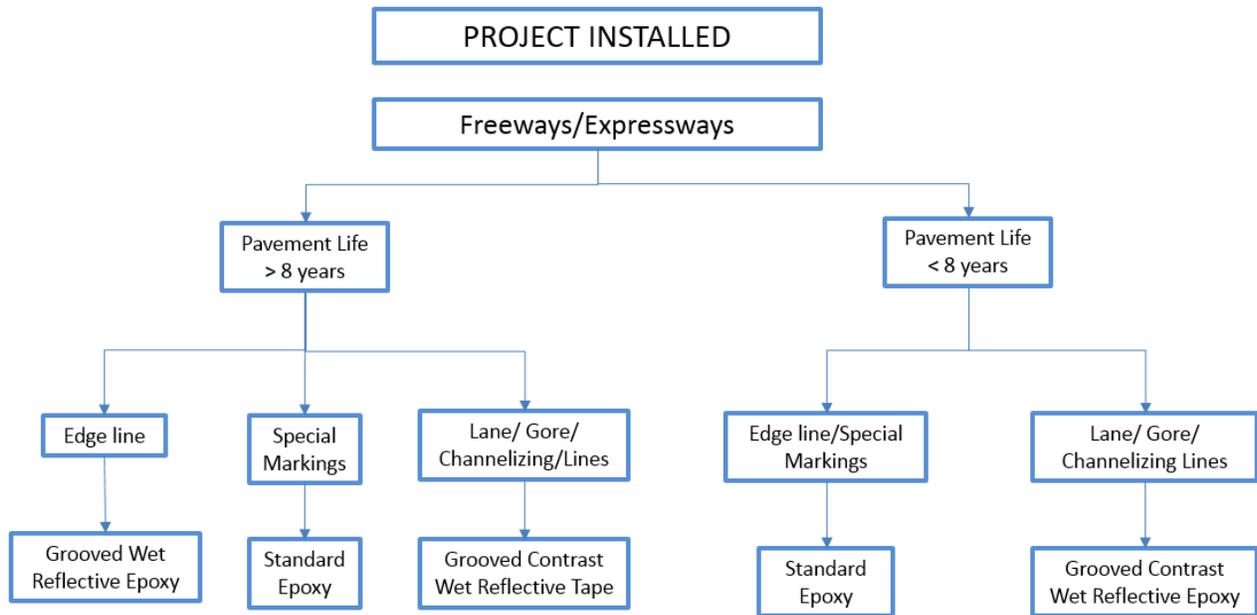
Policy

Flow charts have been provided that outline the type of pavement marking material used on roadways. There are flow charts for project installed pavement markings and maintenance installed pavement markings. These charts **shall** be utilized when making the decision to select the proper pavement marking material for the roadway.

- When utilizing the flow charts, the following criteria **shall** be kept in mind: If a contrast epoxy product already exists, retrace only the white portion of the epoxy unless the black aggregate is visually missing.
- Grooved Wet Reflective Epoxy **shall** only be remarked in kind, if an existing groove is present.

- If preformed thermoplastic is present, remove preformed thermoplastic markings and replace with the correct product listed below. Retracing preformed thermoplastic is NOT permitted.
- If tape is present and still bonding, retrace marking with the correct product. However, if the tape product is failing, remove tape and replace with epoxy.







Traffic Guidelines Manual

ORIGINATOR Director, Bureau of Traffic Operations		6-3-4.5
CHAPTER 6	Work Zone Traffic Control	
SECTION 3	Elements	
SUBJECT 4.5	Width Restrictions	

Some highway construction projects require temporary lane width restrictions that cause problems for over-width load movements. Many of these moves are operating under annual permit and the permittees are unaware of the width restrictions. To help prevent inconvenience and the prospect of damage, signs are used to warn and direct the movers.

Multiple trip or annual permits for mobile homes are issued for loads up to 15 feet wide. Loads over 15 feet travel under single trip permits, and prior to permit issuance the route is checked. When loads up to 15 feet wide (plus one foot for shyness) cannot be accommodated through the work zone the signs described in this guideline are used. Therefore, signs are used when the effective width is less than 16 feet.

The width to be used on the signing is calculated by measuring laterally from centerline to object or object to object subtracting one foot for shyness. Drums, barricades, barriers and parapets also constitute lateral objects. Examples 1-5 at the end of this subject illustrate when width signing is required.

Post the W12-52, showing the numerical width in feet, in advance of one or more intersections or interchanges which will provide the mover an alternate route around the restriction. Check the adequacy of a logical alternate route when selecting the point at which the diversion is posted. Place a supplemental distance sign, WO57-52, installed beneath the W12-52. **Post another W12-52 in advance of the restriction, generally along with the other construction warning signs. Install on both sides of a divided highway to enhance visibility**

Post an R12-70 sign, Wide Loads Exceeding XX Ft, at the intersection or ramp where the diversion occurs, especially if the restricted highway is a freeway or expressway. **An appropriate directional arrow is an acceptable supplement to this sign**

Detour signing from the point of diversion to return to the highway is normally not needed. This is similar to a low clearance warning situation, where no alternate route is signed.

To avoid unnecessary signing and diversion of wide loads, accurate information must be obtained about the actual restriction. This information is entered into Lane Closure System (LCS) by Regional field staff. **The information is used to update 511.**

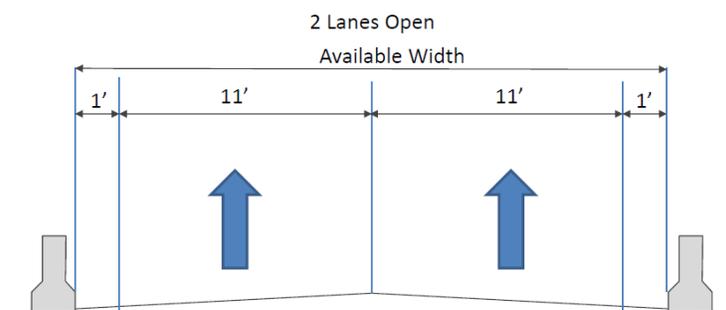
Projects having more than one lane open in a given direction, even though each lane might be somewhat narrowed, over-width traffic is often not diverted. Most multi-lane highways have shoulders that can be used temporarily to accommodate wide loads. An overhang from one lane to another can be tolerated for short distances such as ¼ mile. Therefore, width restriction signs are typically not necessary for restrictions on short stretches of multi-lane highways. Although, there may be higher volume segments where overhang from one lane to another is not desirable or longer stretches of multi-lane highways (1/4 mile or more) where adequate shoulders are not available, width restriction signs *may* be desirable. **In these circumstances where the intent is to divert over width traffic, ensure LCS reflects what is represented on the width restriction signing.**

There may be staging situations where off-peak lane closures are utilized on multi-lane highways with closed shoulders. Width restriction signing is required during off-peak operations. Cover or remove width restriction signing during peak operations.

On roadways where one lane is open in each direction, width restriction signs are not needed if the available width including shoulder (including at bridges and crossovers) is more than 16 feet.

Width Restrictions and Lane Closure System

Example 1



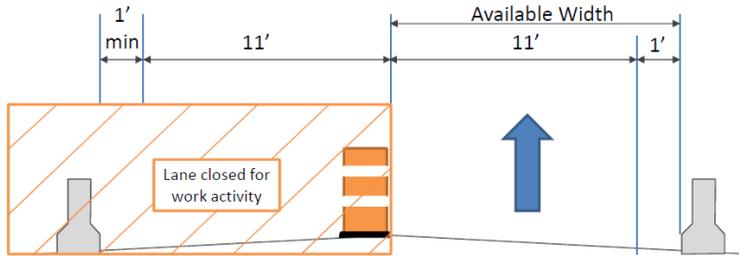
LCS Entry → Available Width-1' Buffer = 23' Effective Width

Available width ≥ 16': No width warning sign required.

Width Restrictions and Lane Closure System

Example 2

1 Lane Open



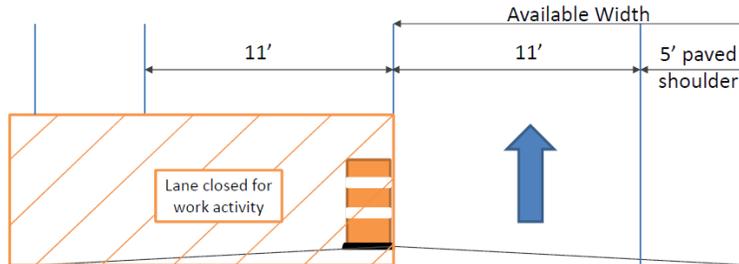
LCS Entry → Available Width -1' Buffer = **11' Effective Width**
 Width Signing → **11' Max Width**

Available width < 16':
 Width warning sign(s) required. → Recommend 2 Locations:
 • One in WZTC advanced warning area
 • One at location where a wide load could exit with supplemental **XX AHEAD** sign below

Width Restrictions and Lane Closure System

Example 3

1 Lane Open



LCS Entry → Available Width -1' Buffer = **15' Effective Width**
 Available Width ≥ 16: No Width Signing Required

Width Restrictions and Lane Closure System

Example 4

Divided Highway Shoulder Closure



LCS Entry → Available Width-1' Buffer=28' Effective Width
 Available width ≥ 16': No Width Signing Required

Width Restrictions and Lane Closure System

Example 5

2 Lane Shoulder Closure



SB LCS Entry → Available Width-1' Buffer=11' Effective Width
 Width Signing → 11' Max Width(Southbound Only)

Available width < 16':

Width warning sign(s) required.

Recommend 2 Locations:

- One in WZTC advanced warning area
- One at location where a wide load could exit with supplemental **XX AHEAD** sign below