SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

SIGN PERMIT REQUIREMENTS

239F approvals from the Local municipality are not required for these permits:

Temporary sign/banner permits require the following:

1. A completed temporary Signage permit application.
2. A letter or email of endorsement from a Legislator or approved official asking that permits for the proposed/temporary sign be issued.
3. A description of the type of event, and dates that proposed temporary signage will be up.
4. Sign description with size, material and post type. (all signs need to be crash worthy, with either break away posts or wooden posts (4" x 4" max when undrilled)
5. Plan with the exact location of the proposed temporary signage/banner, number and dimensions of sign(s)/banner. Can provide an aerial if necessary.
   Applicant shall:
   a) Ensure sign location will not limit sight distance.
   b) Install banner from utility poles at a minimum height of 16 ft. measured from highest elevation of pavement to lowest point of banner.
   c) If heavy winds greater than 60 mph are predicted, banners must be removed.
6. Applicant should acquire utility company approval if the proposed sign or banner is to be hung from utility poles.
7. Proof of General Liability Insurance with Suffolk County Dept. of Public Works, 335 Yaphank Avenue, NY 11980 listed as certificate holder and additional insured.
8. Proof of Worker's Compensation and Disability Insurance Coverage.

Permanent Signs:

Only signs approved by the National Manual of Uniform Traffic Control Devices (MUTCD), New York State Supplement, New York State DOT Specifications, and crash worthy requirements will be allowed within the County Right-of-Way.

Provide:

1. A completed Non-Utility Highway Work Permit application.
2. Plan with the proposed location of the sign (s). Can provide an aerial if necessary.
3. Sign details with specification, design/dimension of sign(s), MUTCD Sign Number, installation details (i.e., sign material, post, hardware, and breakaway used). All signs need to be crash worthy, with either breakaway U channel posts or wooden posts (4"x 4" max when undrilled). Kindly reference the following:

   Section 2D. Guide Signs - Conventional Roads of the latest MUTCD:
   https://mutcd.fhwa.dot.gov/

   NYSDOT specification and standard sheets for sign materials and posts, Items 645:
   https://www.dot.ny.gov/main/business-center/engineering/specifications/busi-e-standards-usc/

   NYSDOT Materials Approved list for Type A posts:
   https://www.dot.ny.gov/divisions/engineering/technical-services/technical-services-repository/alme/pages/910-1.html#1

4. All sign material must meet NYSDOT specifications.
5. Proof of General Liability Insurance with Suffolk County Dept. of Public Works, 335 Yaphank Avenue, NY 11980 listed as certificate holder and additional insured.
6. Proof of Worker's Compensation and Disability Insurance Coverage.

rev. 11/14/2025

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS HIGHWAY
WORK PERMIT APPLICATION FOR
Permanent Signage

Applicant:

Name:_____

Address_____

City_____State_____Zip_____

Phone _____

Email Address_____

Contractor Name _____

Contractor Emergency Phone _____

Description of Signage: (Dimensions, sign material, MUTCD #, type of post)

Provide Detail sheets.

_____

_____

_____

Sign location(s): (Provide exact location e.g. corner of intersection or distance from cross street, and distance from curb*).

Provide plans.

_____

_____

_____

_____

_____

_____

***All signs will be placed at locations which will not limit sight distance.**

Applicant Signature_____ Date _____

If you need assistance completing this form, please call us at (631) 852 4081
RETURN THIS FORM TO: SUFFOLK COUNTY DPW, TRAFFIC AND PERMITS, 335 YAPHANK AVE, YAPHANK NY 11980
OR BY EMAIL: DPWTRAFFIC@SUFFOLKCOUNTYNY.GOV

rev. 11/14/2025

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS
HIGHWAY WORK PERMIT APPLICATION FOR NON-UTILITY WORK
Temporary Signage

Applicant:

Name:_____

Address_____

City_____State_____Zip_____

Phone _____

Email Address_____

Contractor Name _____

Contractor Emergency Phone _____

Event Information:

Event Name: _____

Event location/Address: _____

City_____ Hamlet _____ State_____ ZIP _____

Dates of Event to and From: _____

Endorsed by (Provide copy of letter or Email):_____

Description of Signage: (Dimensions, sign material, type of post)

_____

_____

Sign location(s): (Provide exact location e.g. corner of intersection or distance from cross street, and distance from curb*)

Provide Sketches.

_____

_____

_____

_____

Notes:

1. ***All signs will be placed at locations which will not limit sight distance.***
2. ***Install a banner from utility poles at a minimum height of 16 ft. measured from highest elevation of pavement to lowest point of banner. Evidence of written permission from utility company is required if utility poles are to be used as supports.***
3. ***If heavy winds greater than 60 mph are predicted, banners must be removed.***

Applicant Signature_____ Date _____

If you need assistance completing this form, please call us at (631) 852 4081

RETURN THIS FORM TO: SUFFOLK COUNTY DPW, TRAFFIC AND PERMITS, 335 YAPHANK AVE, YAPHANK NY 11980

OR BY EMAIL: DPWTRAFFIC@SUFFOLKCOUNTYNY.GOV

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

RESPONSIBILITIES OF PERMITTEE
PURSUANT TO SIGN PERMITS

GENERAL CONDITIONS:

NOTE: FAILURE TO OBTAIN A PERMIT OR FAILURE TO COMPLY WITH THE TERMS OF A PERMIT MAY RESULT IN THE SCDPW HALTING THE ACTIVITY FOR WHICH A PERMIT IS REQUIRED UNTIL ADEQUATE CORRECTIONS HAVE BEEN MADE.

The specific site identified in this Highway Work Permit, and only that site identified, will be available for use by Permittee only for the purpose stated in this Permit. This Permit does not authorize any infringement of Federal, State or Local Laws or Regulations.

This permit shall not be assigned or transferred without the written consent of the Suffolk County Commissioner of Public Works.

Under the execution of the permit, the Developer, their Consultants and their Contractor will be responsible for providing all construction in a first-class workman-like manner, strictly adhering to the Suffolk County Specifications and Direction provided by the County Representative. All phases of construction require inspection and/or acknowledgement of same from the County Rep before commencement of construction. **The permit, with the applicable stamped permit plans, shall be made available by the contractor at the job site during construction for the use and inspection of this department's personnel. No inspection will occur without approved stamped plans.**

The Permittee assumes full responsibility for planning and conducting a safe and orderly project that does not expose workers or the public to any unreasonable hazards and that involves a minimal disruption of the normal uses of the highway. It shall be the sole obligation of the Permittee to determine whether the site is suitable for the purpose of safely conducting the work. The Permittee assumes all responsibility for assuring that the use of the highway/property conforms to applicable requirements of law, including, but not limited to those set forth herein.

The permittee agrees to assure compliance with New York Labor Law, industrial regulations, and OSHA regulations, and to assure the safety of all workers who will be engaged to do the permitted work.

All sidewalks, driveways, handicap ramps must meet ADA requirements as set forth in the latest Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG) and NYSDOT Specifications and Standard Sheets and as per approved stamped construction plans. All Detectable warning pads shall be yellow.

Restore the County right-of-way in accordance with this Department's most recent general, traffic and material specifications (Suffolk County follows the latest NYSDOT Specifications and Details) and as ordered by engineer. Finish quality including, but not limited to, accuracy of grades, tooling, control/expansion joints, finished elevations, ADA-compliance etc., will be thoroughly inspected and approved or rejected accordingly.

The Contractor/Permittee shall provide safe and continuous passage for pedestrian, bicycle and vehicular traffic at all times.

WORK ZONE TRAFFIC CONTROL(WZTC) shall be in accordance with the latest National Manual of Uniform Traffic Control Devices (MUTCD), New York State Supplement and NYSDOT Standard Sheets as approved by the Engineer. The Engineer may order additional work zone traffic control devices such as signs, cones, drums, flaggers shadow vehicles, warning lights etc. if he deems it necessary. No Roadway Closures will be permitted without prior approval, See additional Work Zone Traffic Control requirements below for work hours.

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

RESPONSIBILITIES OF PERMITTEE
PURSUANT TO SIGN PERMITS

GENERAL CONDITIONS:

INSURANCE COVERAGE:

Permittee agrees to maintain liability insurance in full force and effect throughout the term of the highway work permit. Expiration of, or lack of, liability insurance automatically terminates the permit. Updated insurance certificates should be provided 30 days in advance of expiration. All insurance providers must have an AM Best-rating of A or Better.

To comply with this requirement, an applicant must furnish the Department with the following:

General Liability Insurance Coverage:

Permittee must provide proof of **Commercial General Liability** insurance coverage with Suffolk County listed as an Additional insured. Including contractual liability coverage in and amount not less than two million dollars ($2,000,000) per occurrence for bodily injury and two million dollars ($2,000,000.00) per occurrence for property damage.

SCDPW may allow the following exceptions to the requirements above:

a) For residential driveways and sign installations: the minimum liability limits may be reduced to $1,000,000 per claim/occurrence. Any contractor performing on behalf of a homeowner must provide proof of insurance as outlined above.
a) The permittee may furnish a minimum one-million-dollar ($1,000,000) umbrella policy along with the liability policy to meet the two million dollar ($2,000,000) general liability insurance requirements listed above.
b) For municipalities completing work within the County ROW utilizing their staff general liability insurance is not required, they must provide proof of self-insurance. Any contractor performing on behalf of the Town must provide proof of insurance as outlined above.

The applicant must furnish:

A completed **Certificate of Insurance** evidencing the required types and limits of insurance coverage, with Suffolk County named as an additional insured on the commercial general liability policy. An industry standard **ACORD 25** is acceptable evidence of the required coverage. Certificate Holder should be indicated as Suffolk County, with the address of the issuing office.

The Suffolk County Permit number must be stated on the Certificate of Insurance.

The permittee assumes responsibility for all injury to or destruction of or loss by theft or pilferage of the contractor's and/or subcontractor's materials, tools, machinery, equipment, appliances, shoring, scaffolding, false and formwork and personal property of his employees, from whatever cause.

Worker's Compensation and Disability Insurance Coverage:

Permittee is required to have compensation insurance and disability coverage as noted in the provisions of the Worker's Compensation Law and Acts amendatory thereof for the entire period of the permit, or the permit will be invalid. Applicant must provide proof of coverage (**Form C-105.2 for Worker's Compensation, and DB-120.1 or DB-155 for Disability Benefits)** or provide proof of exemption from this requirement (Form CE-200).

SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS

RESPONSIBILITIES OF PERMITTEE
PURSUANT TO SIGN PERMITS

GENERAL CONDITIONS:

INDEMNIFICATION:

Permittee agrees that, in addition to any protection afforded to Suffolk County under any available insurance, Suffolk County shall not be liable for any damage or injury to the Permittee, its agents, employees, or to any other person, or to any property, occurring on the site or in any way associated with Permittee's activities or operations; whether undertaken by Permittee's own forces or by contractor or other agents working on Permittee's behalf. To the fullest extent permitted by law, the Permittee agrees to defend, indemnify and hold harmless Suffolk County Department of Public Works, and their agents from and against all claims, damages, losses and expenses, including but not limited to attorney's fees arising out of any claim, including but not limited to claims for personal injuries, property damage or wrongful death and/or environmental claims, in any way associated with the Permittee's activities or operations, no matter how caused.
The Permittee assumes responsibility for all injury to or destruction of or loss by theft or pilferage of the contractor's and/or subcontractor's materials, tools, machinery, equipment, appliances, shoring, scaffolding, false and formwork and personal property of his employees, from whatever cause.

Permit Fee: If required, it will be in the amount indicated on the permit documentation. These fees are non-refundable **and must be in the form of a certified check if the fee is more than $200.00**. (Check to be made payable to the SUFFOLK COUNTY DEPT. OF PUBLIC WORKS).

WORK ZONE TRAFFIC CONTROL REQUIREMENTS:

Road work including but not limited to shoulder closures, lane shifts, lane closures will only be permitted between the hours of 9am and 4pm, these hours maybe reduced by Suffolk County Inspector at any location and at any time due to traffic and safety concerns.

All lane or road closures must be approved by SCDPW, 7 days' notice is required. For road closures (and as needed for lane closures), detour plans will be required and need approval by SCDPW.

The contractor will not be permitted to utilize nighttime paving, lane closures or lane shifts unless prior approval is received from SCDPW.

Unless otherwise stated on the contract documents, plans or advised, no lane/shoulder closures will be allowed on weekends and on the following days:

6:00 am Friday before memorial or Labor Day to 6:00 am Tuesday after.
6:00 am Wednesday before Thanksgiving Day to 6:00 am Monday after.

If Independence, New Year's or Christmas day falls on:

Sunday or Monday -6:00 am Friday before to 6:00 am Tuesday after.
Tuesday -6:00 am Saturday before to 6:00 am Wednesday after (starting at 6:00 am Friday before to 6:00 am Wednesday after for Christmas day)
Wednesday-6:00 am Tuesday before to 6:00 am Thursday after. (starting at 6:00 am Saturday before to 6:00 am Thursday after for Christmas day)
Thursday-6:00 am Thursday before to 6:00 am Monday after. (starting at 6:00 am Wednesday before to 6:00 am Monday after for Christmas day)
Friday or Saturday-6:00 am Thursday before to 6:00 am Monday after.

Exceptions can only be made under the following conditions:
-emergency work
-work within long term stationary lane/shoulder closures
-safety work that does not adversely impact traffic mobility and has been authorized by the Suffolk County.

The Department reserves the right to cancel any work operations, including lane closures and/or total road closures that would create traffic delays by unforeseen events.

Example of MUTCD compliant Sign



Figure 2D-1. Examples of Color-Coded Destination Guide Signs



Section 2D.03 Size of Signs

Standard:

01 **Except as provided in Section 2A.07, the minimum sizes of conventional road guide signs that have standardized designs shall be as shown in Table 2D-1.**

Support:

02 Section 2A.07 contains information regarding the applicability of the various columns in Table 2D-1.

Option:

03 Signs larger than those shown in Table 2D-1 may be used (see Section 2A.07).

Support:

04 For other guide signs, the legends are so variable that a standardized design or size is not appropriate. The sign size is determined primarily by the length of the message, and the size of lettering and spacing necessary for proper legibility.

Option:

05 Reduced letter height, reduced interline spacing, and reduced edge spacing may be used on guide signs if sign size must be limited by factors such as lane width or vertical or lateral clearance.

Guidance:

06 *Reduced spacing between the letters or words on a line of legend should not be used as a means of reducing the overall size of a guide sign, except where determined necessary by engineering judgment to meet unusual lateral-space constraints. In such cases, the legibility distance of the sign legend should be the primary consideration in determining whether to reduce the spacing between the letters or the words or between the words and the sign border, or to reduce the letter height.*

07 *When a reduction in the prescribed size is necessary, the design used should be as similar as possible to the design for the standard size.*

Section 2D.04 Lettering Style

Standard:

01 **The design of upper-case letters, lower-case letters, numerals, route shields, and spacing shall be as provided in the "Standard Highway Signs" publication (see Section 1A.05).**

02 **The lettering for names of places, streets, and highways on conventional road guide signs shall be a combination of lower-case letters with initial upper-case letters (see Section 2A.08). The nominal loop height of the lower-case letters shall be ¾ the height of the initial upper-case letter. When a mixed-case legend letter height is specified referring only to the initial upper-case letter, the height of the lower-case letters that follow shall be determined by this proportion. When the height of a lower-case letter is referenced, the reference is made to the nominal loop height. The height of the initial upper-case letter shall also be determined by this proportion.**

03 **All other word legends on conventional road guide signs shall be in upper-case letters.**

04 **The unique letter forms for each of the Standard Alphabet series shall not be stretched, compressed, warped, or otherwise manipulated. Modifications to the length of a word for a given letter height and series shall be accomplished only by the methods described in Section 2D.03.**

MUTCD 11th Edition with Revision 1

Section 2D.05 Size of Lettering

Design layouts for conventional road guide signs showing interline spacing, edge spacing, and other specification details shall be as shown in the "Standard Highway Signs" publication (see Section 1A.05).

Except as otherwise provided in this Manual, the principal legend on post-mounted guide signs shall be in letters and numerals at least 6 inches in height for all upper-case letters, or a combination of 6 inches in height for upper-case letters and 4.5 inches in nominal loop height (see Section 2D.04) for lower-case letters. On low-volume roads with speeds of 25 mph or less, and on urban streets with speeds of 25 mph or less, the principal legend on post-mounted guide signs shall be in letters at least 4 inches in height for all upper-case letters, or a combination of 4 inches in height for upper-case letters and 3 inches in nominal loop height for lower-case letters.

Except as otherwise provided in this Manual, the principal legend on overhead guide signs shall be in letters and numerals at least 6 inches in height for all upper-case letters, or a combination of 6 inches in height for upper-case letters and 4.5 inches in nominal loop height (see Section 2D.04) for lower-case letters.

Guidance:

Lettering sizes should be consistent on any particular class of highway.

The minimum lettering and numeral sizes provided in this Manual (see Table 2D-2) should be exceeded where conditions indicate a need for greater legibility.

FROM MUTCD 11th Edition with Revision 1 – Table 2D-2

Recommended Minimum Letter and Numeral Sizes for Conventional Road Guide Signs According to Speed

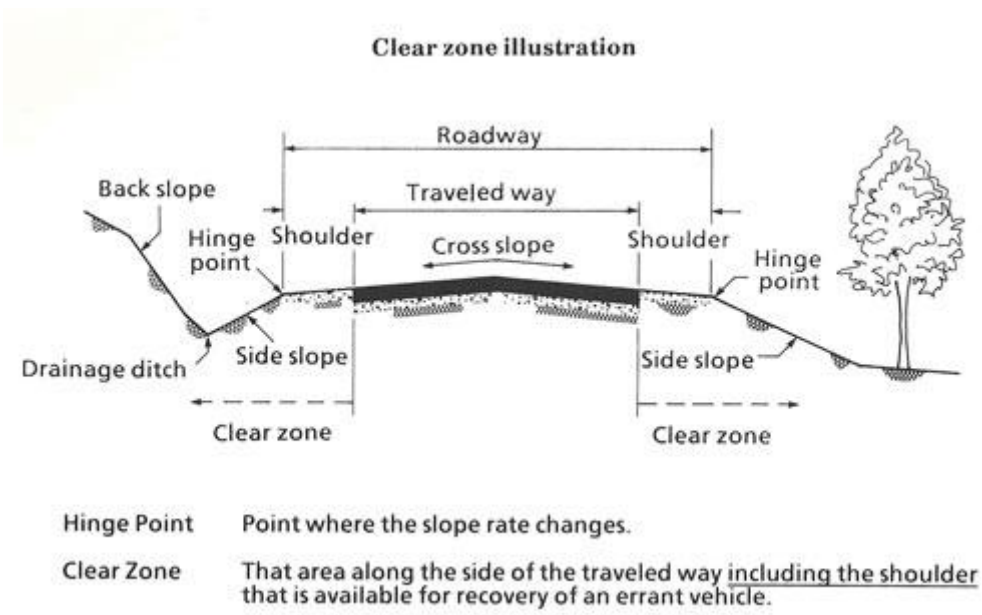
A – Post-Mounted Signs

Type of Sign	Single-Lane <30 mph	Single-Lane 30-40 mph	Single-Lane >40 mph	Multi-Lane <30 mph	Multi-Lane 30-40 mph	Multi-Lane >40 mph
Names of Destinations/Roads – Leading Upper-Case	6	8	10.67	8	10.67	13.33
Names of Destinations/Roads – Following Lower-Case	4.5	6	8	6	8	10

Suffolk County Department of Public Works
Sign Support Devices

Any device that is used to display the traffic sign is known as the sign support, which consists of the vertical post and, if needed, any stiffeners onto which the sign panel is attached.

Sign support devices can become a deadly hazard when struck by a vehicle that drives onto the roadside; therefore, there is an MUTCD standard that requires all roadside sign support devices in the clear zone to be breakaway/crashworthy.



Note: Roadside safety features include breakaway sign and light posts, and traversable drainage structures. Curbs are not considered a roadside safety feature since they can be easily mounted by errant vehicles; hence, their presence does not alter how clear zone is measured.

This includes sign supports that, when struck by a vehicle, separate from the base and are knocked ahead of or up and over the errant vehicle. Barriers are typically not installed to shield roadside signs, hence, the design of the post, regardless of the type, must provide the breakaway feature.

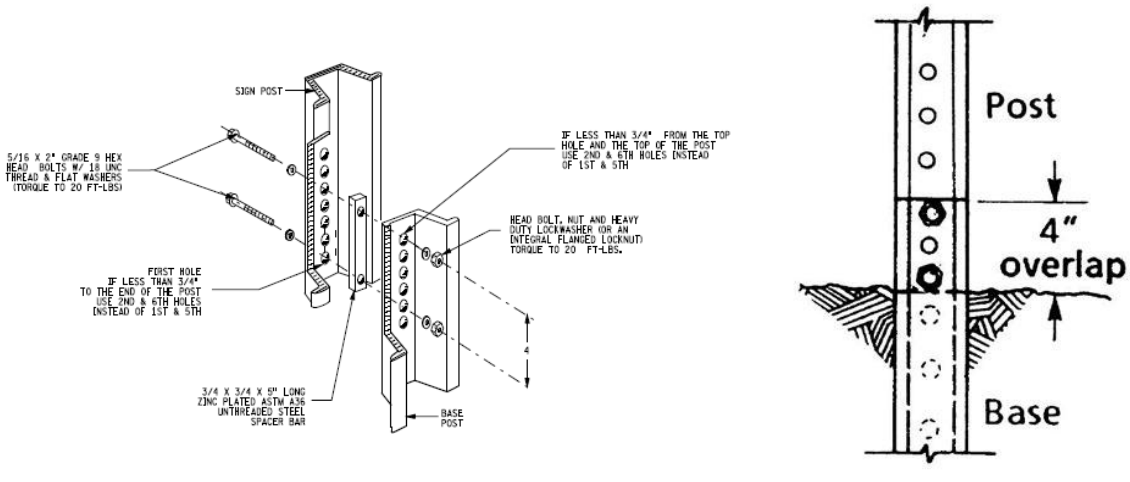
Suffolk County will allow the following breakaway sign support devices within the county roadway right of way:

U-Channel Type A Steel Post (Preferred Method)

The U-channel steel post, with a breakaway system, is another common small sign support that is crashworthy.



Breakaway Devices can be purchased commercially to install at ground level. These devices improve safety when the post is hit, will make repair easier, and will make it possible to use a U-channel post when it must be placed in a concrete area.



Breakaway treatments for u-channel posts.

Wood Post (Alternate Method)

Wood posts are frequently used, especially in regions where wood is economical compared to metal type supports. These posts usually come in sizes of 4 x 4 inches to 6 x 8 inches. All posts above 4 x 4-inch nominal size must be drilled perpendicular to traffic flow to allow the post to break away if struck by a motor vehicle.

Small supports have a cross section of approximately 16 square inches (4”x4”). This type of post should be buried about 30 to 36 inches deep depending upon the type of soil and backfill; check State specifications or with Local Training Assistance Programs (LTAP) for embedment depth and backfill material. The post may need to be buried even deeper to reduce vandalism and reduce dislodging by heavy winds. One or two posts may be used to make up the sign support, but adding posts too close together can affect crashworthiness.



Small wood support is typically a 4 x 4 inch post.

Large supports should be drilled to provide the breakaway characteristic. For example, a 6 x 8-inch wood post can be used if the cross section is weakened by drilling two 3-inch holes (drill perpendicular to roadway). A 4 x 4-inch wood post is the largest undrilled wood post recommended to act as a breakaway system/support.



Holes are needed for wood posts greater than 4 x 4 inches.

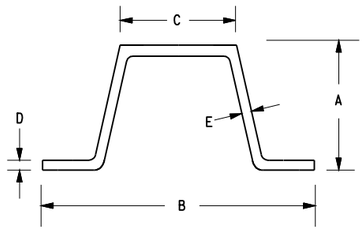


TABLE 1 : POST PROPERTIES & DIMENSIONS									
POST SIZE	AREA (in^2)	I (in^4)	S (in^3)	A	B	C	D	E	MOMENT*
2.00 lb/ft	0.55	0.16	0.19	1.503	3.125	1.250	0.114	0.116	931 ft-lbs
2.50 lb/ft	0.69	0.21	0.26	1.549	3.125	1.250	0.160	0.130	1274 ft-lbs
3.00 lb/ft	0.86	0.34	0.36	1.750	3.500	1.625	0.160	0.150	1764 ft-lbs
4.00 lb/ft	1.15	0.45	0.47	1.810	3.500	1.625	0.220	0.162	2303 ft-lbs

*REDUCE MOMENT CAPACITY BY 25% TO ACCOUNT FOR TORSION EFFECTS IN OPEN CROSS-SECTION SINGLE POST INSTALLATIONS.

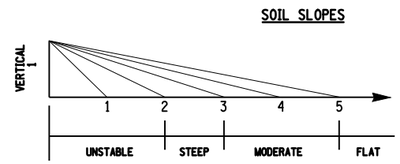


TABLE 2: MAXIMUM NUMBER OF POSTS WITHIN 7 FT.SWATH							
EMBEDMENT TYPE	SOIL SLOPE	SOIL DESCRIPTION					
		S - 1 NON-PLASTIC (MED TO VERY COMPACT)			S - 2 NON-PLASTIC (LOOSE TO VERY LOOSE)		
		MAX NO. OF POSTS	MIN. EMBEDMENT	SOIL ℄	MAX NO. POSTS	MIN. EMBEDMENT	SOIL ℄
ERECT-EASE	FLAT	2	38	NO	1	38	YES
	MODERATE	2	54	NO	1	54	YES
	STEEP	2	60	NO	1	60	YES
BASE BOLTED OR BRACER BAR	FLAT	3	38	NO	3	60	YES
	MODERATE	3	54	NO	3	60	YES
	STEEP	3	60	NO	3	60	YES

POSTS SHALL BE PRODUCED FROM HIGH STRENGTH RAIL STEEL ACCORDING TO ASTM A-499, HAVING A 70 KSI MINIMUM YIELD (SEE TABLE 1) .

SIGN POSTS SHALL BE PUNCHED THEIR FULL LENGTH WITH 3/8" Ø HOLES ON 1" CENTERS.

BASE POSTS SHALL BE PUNCHED WITH A MINIMUM OF THIRTY-SIX 3/8" Ø HOLES ON 1" CENTERS (TO ACCOMODATE OPTIONAL SOIL PLATE) WITH THE FIRST HOLE 1" FROM THE TOP.

BASE POSTS SHALL BE DRIVEN TO 38" MINIMUM EMBEDMENT (SEE TABLE 2); A MAXIMUM OF 4" MAY PROTRUDE ABOVE THE SURROUNDING GROUND SURFACE.

POSTS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A-123.

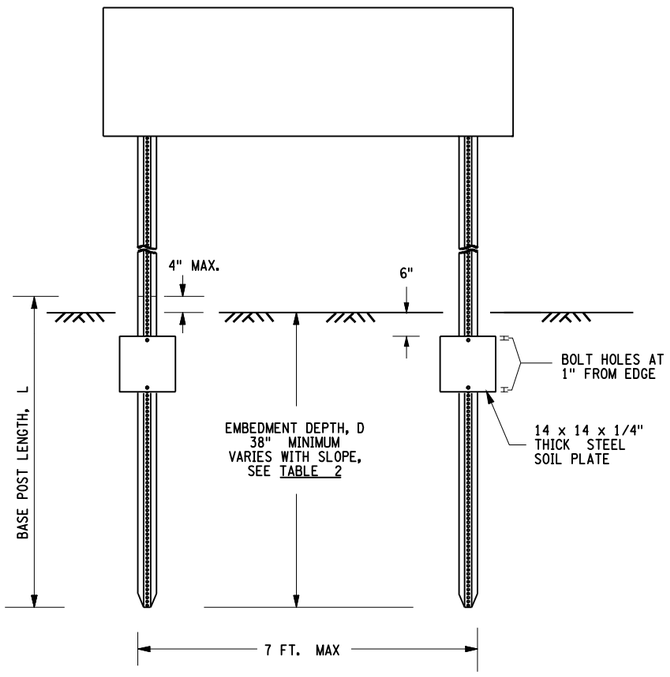
SPLICE HARDWARE SHALL BE AS SUPPLIED OR RECOMMENDED BY THE MANUFACURER, CADMIUM PLATED ACCORDING TO ASTM A-165, TYPE OS, EXCEPT USING CLEAR CHROMATE.

ALL GALVANIZING AND GALVANIZING REPAIRS SHALL BE DONE IN ACCORDANCE WITH §719-01,TYPE III.

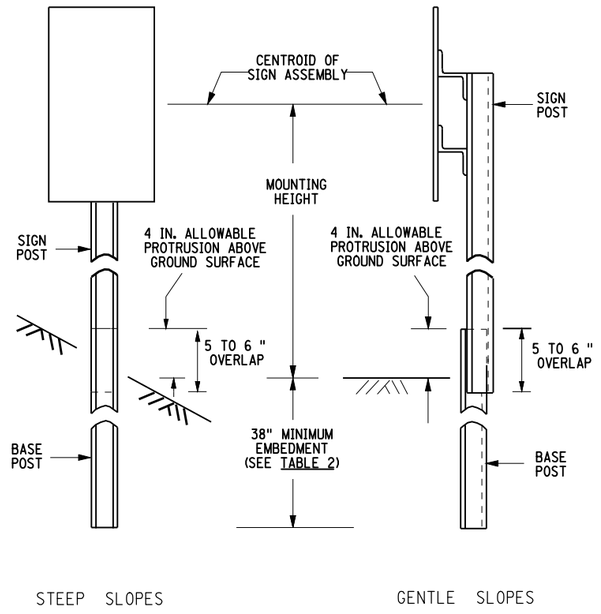
AN S-1 SOIL CONDITION SHOULD BE ASSUMED. S-1 INCLUDES SANDS, GRAVELS AND SILTS (AND THEIR MIXTURES) WHICH EXHIBIT PENETRATION VALUES OF 9 OR MORE BLOWS PER FOOT USING A STANDARD 300 LB. DROP HAMMER AND AN 18 INCH FALL. SHOULDER MATERIALS ARE INCLUDED IN THIS CATEGORY.

S-2 INCLUDES UNIFORM SANDS WHICH EXHIBIT PENETRATION VALUES OF LESS THAN 9 BLOWS PER FOOT USING A 300 LB. DROP HAMMER. BEACH SANDS ARE INCLUDED IN THIS CATEGORY

THE GEOTECHNICAL ENGINEERING BUREAU AND THE STRUCTURES DIVISION SHOULD BE CONTACTED WHEN A POST IS TO BE PLACED IN A PLASTIC (SOFT CLAY OR ORGANIC) DEPOSIT, OR WHEN THE GROUNDWATER ELEVATION IS WITHIN THE MINIMUM EMBEDMENT



SOIL PLATE DETAIL



EMBEDMENT DETAILS

THESE DETAILS ARE SKETCH DRAWINGS AND ARE NOT TO SCALE
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

MATERIALS DETAILS FOR TYPE A SIGN SUPPORTS

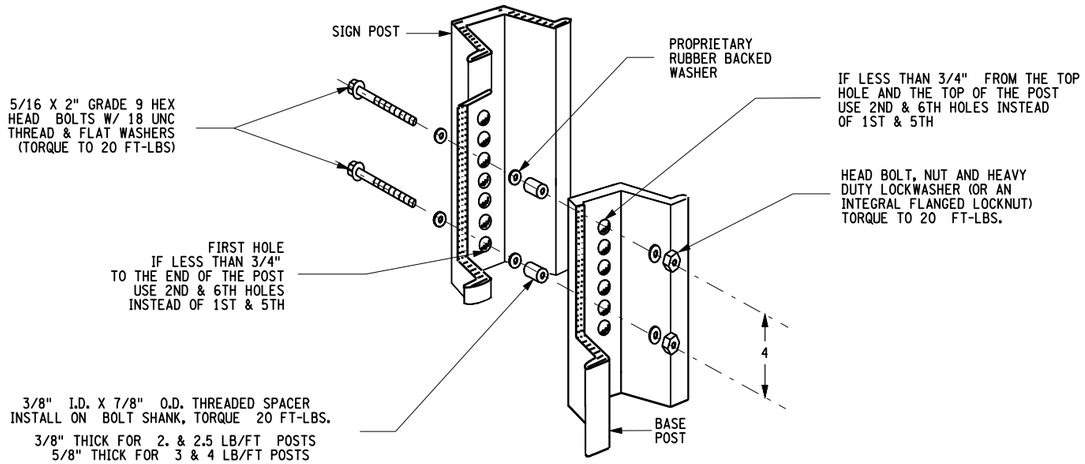
CHICAGO HEIGHTS STEEL
U CHANNEL SIGN SUPPORTS
STANDARD CAPACITY

SHEET 1 OF 5

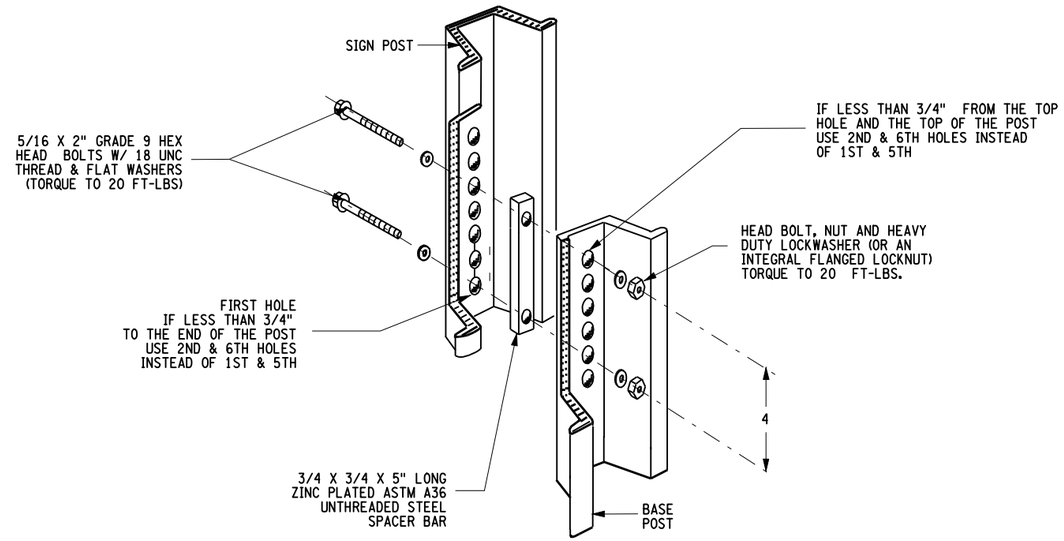
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EFFECTIVE: 05/02/2006
REVISION: ,

MD645E-CHS-01

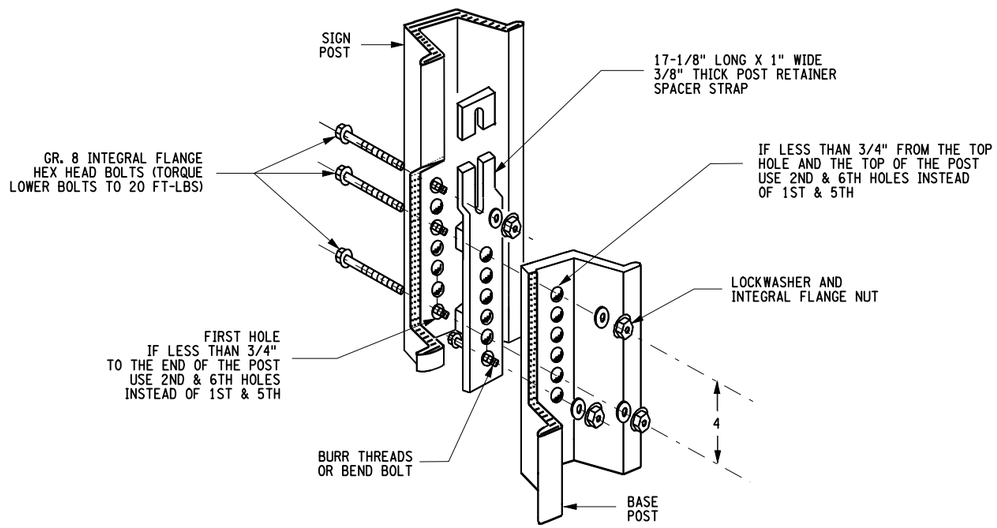
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USER = afrank



BASE-BOLTED SAFETY SPLICE



BRACER BAR SPLICE



ERECT-EASE SPLICE

THESE DETAILS ARE SKETCH DRAWINGS AND ARE NOT TO SCALE
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

MATERIALS DETAILS FOR TYPE A SIGN SUPPORTS

CHICAGO HEIGHTS STEEL
U CHANNEL SIGN SUPPORTS
STANDARD CAPACITY

SHEET 2 OF 5

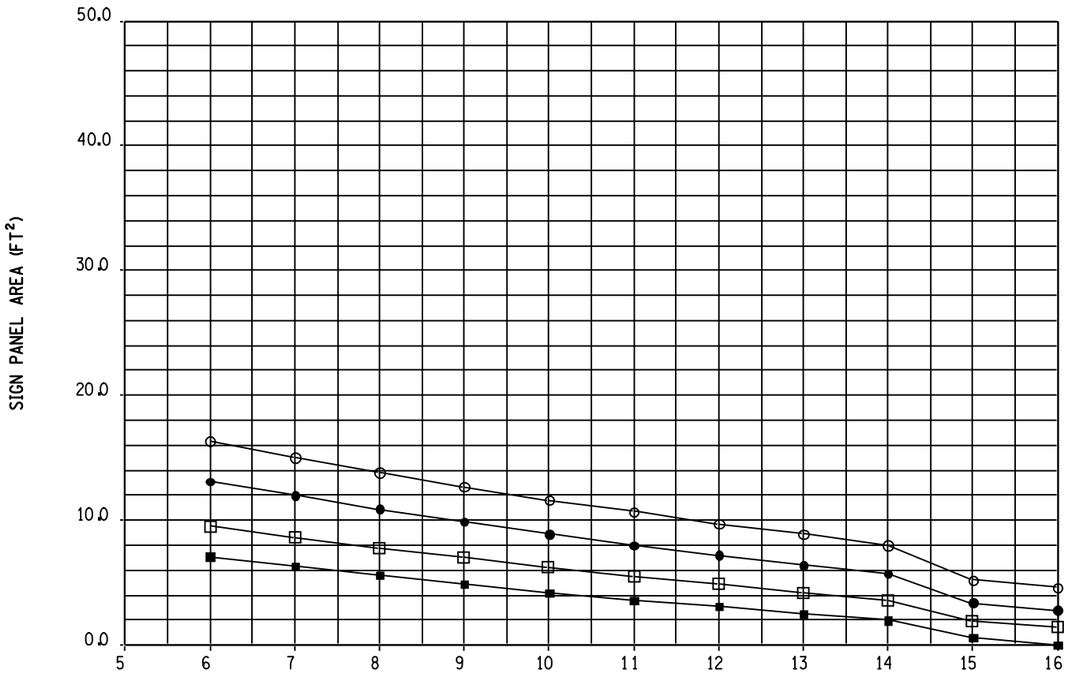
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REVISION: ,

MD645E-CHS-02

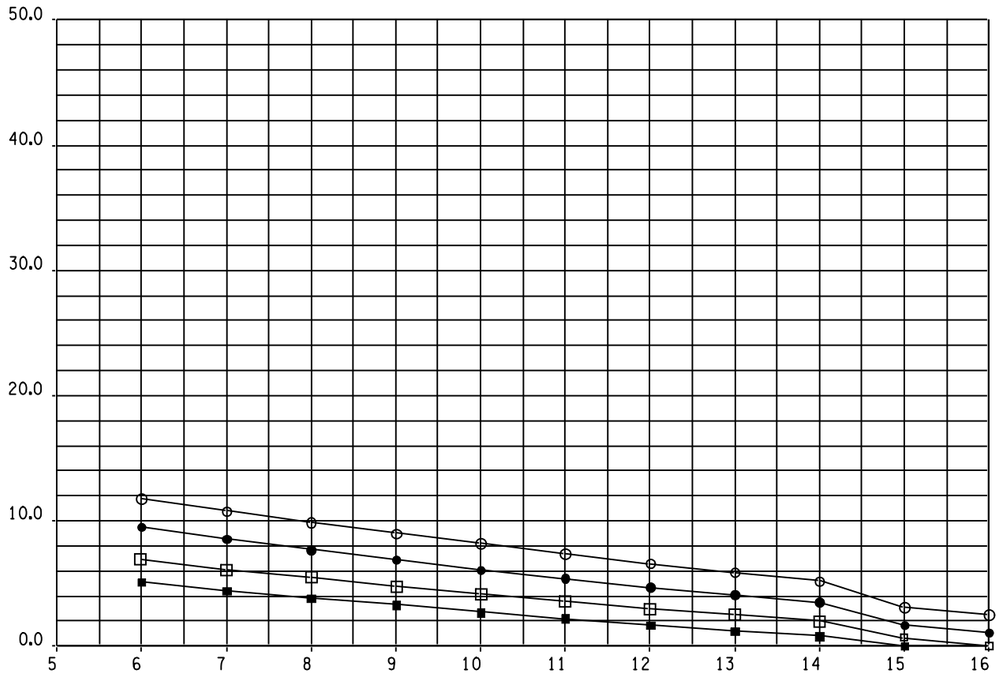
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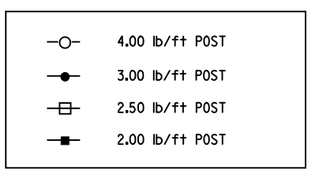
SINGLE POST

60 MPH WIND SPEED



70 MPH WIND SPEED





CAUTION : ALLOWABLE SIGN PANEL AREAS ARE CALCULATED ASSUMING SITE ELEVATIONS CLOSE TO THE SURROUNDING TERRAIN.

FOR ELEVATED SITE CONDITIONS (E.G. OVERPASSES, HIGH CONTOUR AREAS) WHERE THE INFLUENCE OF THE GROUND ON THE WIND IS REDUCED, ALLOWABLE SIGN PANEL AREAS MUST BE REDUCED (AS MUCH AS 40%) ACCORDING TO THE AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", UNDER THE SECTION "LOADS".

USE AN INCREASED WIND PRESSURE FOR SIGN PANEL CENTROID HEIGHTS 29.0 FT OR MORE ABOVE THE SURROUNDING TERRAIN, AS FOLLOWS:

ZONE A (REGIONS 1,2,6,8 AND 9): 20.4 PSF
ZONE B (REGIONS 3,4,5,7,10 AND 11): 27.6 PSF

THESE DETAILS ARE SKETCH DRAWINGS AND ARE NOT TO SCALE
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

MATERIALS DETAILS FOR TYPE A SIGN SUPPORTS

CHICAGO HEIGHTS STEEL
U CHANNEL SIGN SUPPORTS
STANDARD CAPACITY

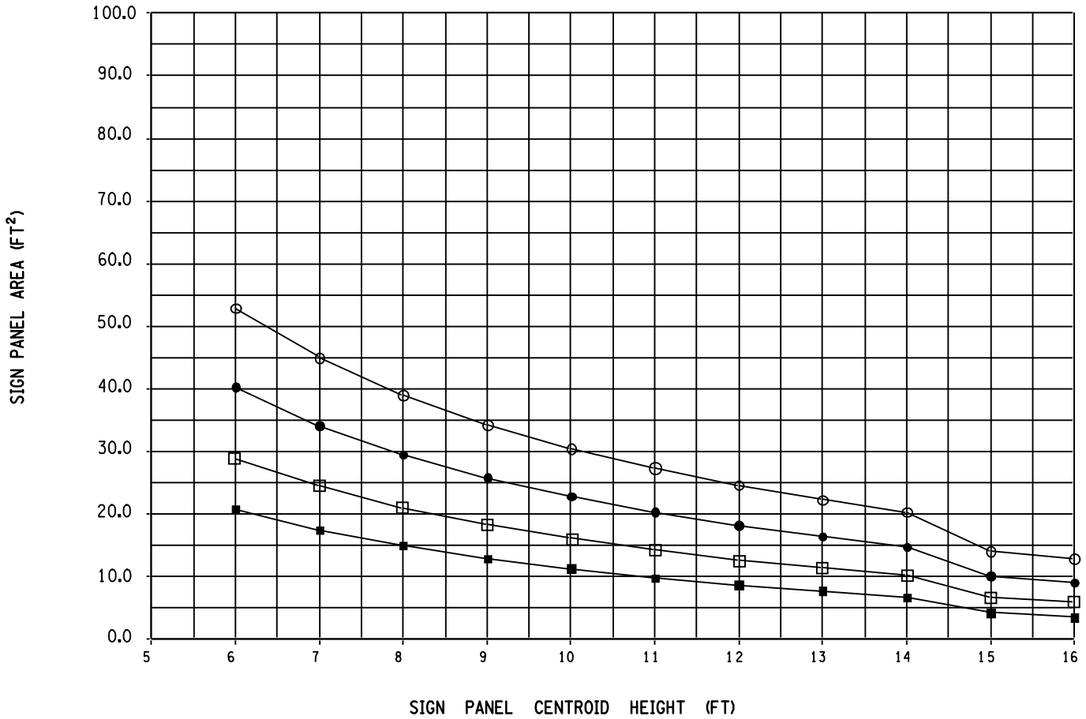
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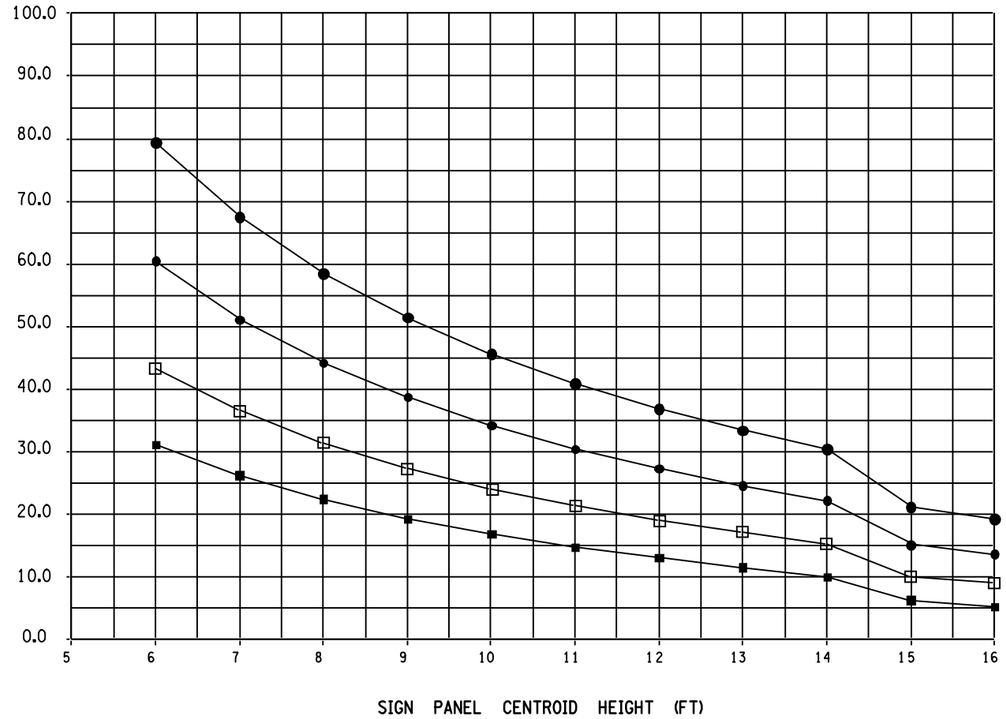
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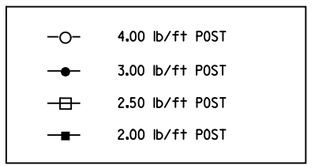
60 MPH WIND SPEED

DOUBLE POST



TRIPLE POST





CAUTION : ALLOWABLE SIGN PANEL AREAS ARE CALCULATED ASSUMING SITE ELEVATIONS CLOSE TO THE SURROUNDING TERRAIN.

FOR ELEVATED SITE CONDITIONS (E.G. OVERPASSES, HIGH CONTOUR AREAS) WHERE THE INFLUENCE OF THE GROUND ON THE WIND IS REDUCED, ALLOWABLE SIGN PANEL AREAS MUST BE REDUCED (AS MUCH AS 40%) ACCORDING TO THE AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", UNDER THE SECTION "LOADS".

USE AN INCREASED WIND PRESSURE FOR SIGN PANEL CENTROID HEIGHTS 29.0 FT OR MORE ABOVE THE SURROUNDING TERRAIN, AS FOLLOWS:

ZONE A (REGIONS 1,2,6,8 AND 9): 20.4 PSF
ZONE B (REGIONS 3,4,5,7,10 AND 11): 27.6 PSF

THESE DETAILS ARE SKETCH DRAWINGS AND ARE NOT TO SCALE
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

MATERIALS DETAILS FOR TYPE A SIGN SUPPORTS

CHICAGO HEIGHTS STEEL
U CHANNEL SIGN SUPPORTS
STANDARD CAPACITY

SHEET 4 OF 5

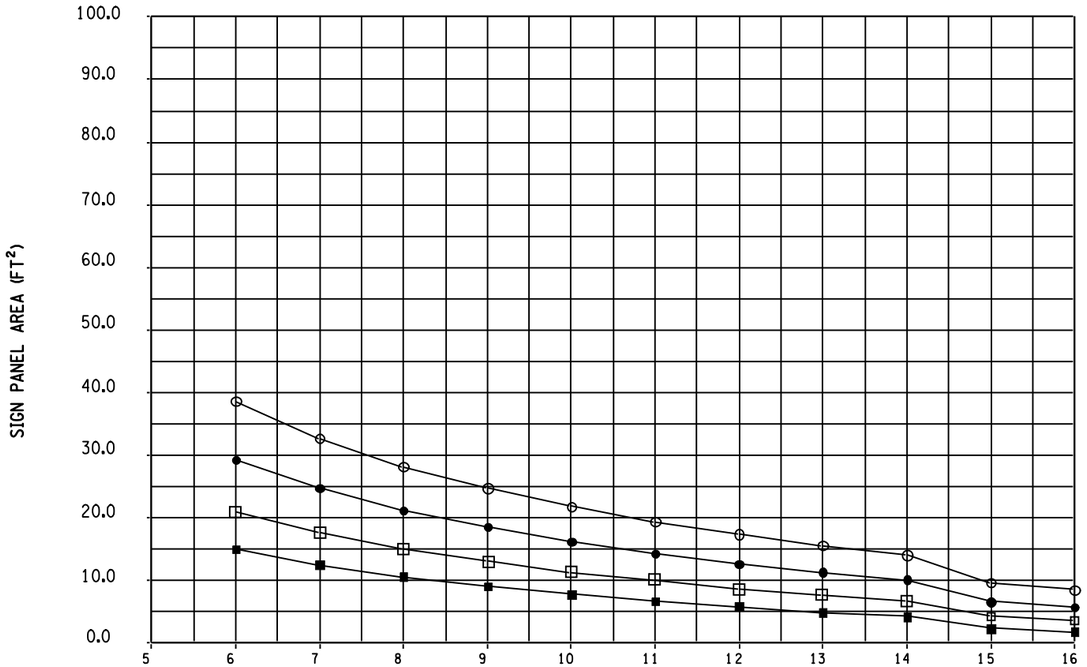
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EFFECTIVE: 05/02/2006
REVISION: ,

MD645E-CHS-04

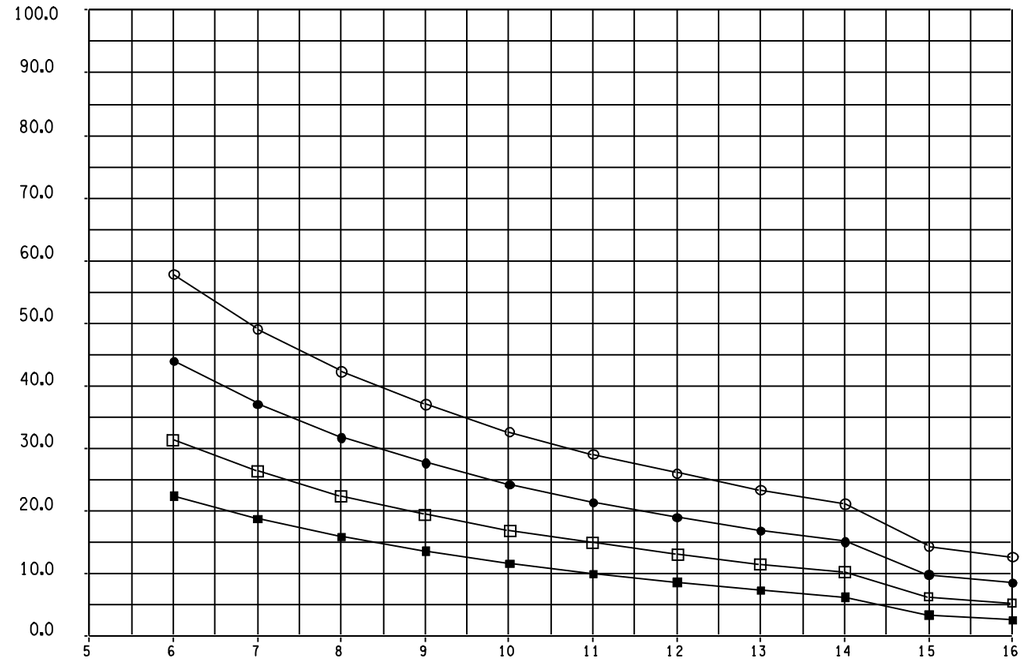
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70 MPH WIND SPEED

DOUBLE POST



TRIPLE POST



- 4.00 lb/ft POST
- 3.00 lb/ft POST
- 2.50 lb/ft POST
- 2.00 lb/ft POST

CAUTION : ALLOWABLE SIGN PANEL AREAS ARE CALCULATED ASSUMING SITE ELEVATIONS CLOSE TO THE SURROUNDING TERRAIN.

FOR ELEVATED SITE CONDITIONS (E.G. OVERPASSES, HIGH CONTOUR AREAS) WHERE THE INFLUENCE OF THE GROUND ON THE WIND IS REDUCED, ALLOWABLE SIGN PANEL AREAS MUST BE REDUCED (AS MUCH AS 40%) ACCORDING TO THE AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", UNDER THE SECTION "LOADS".

USE AN INCREASED WIND PRESSURE FOR SIGN PANEL CENTROID HEIGHTS 29.0 FT OR MORE ABOVE THE SURROUNDING TERRAIN, AS FOLLOWS:

ZONE A (REGIONS 1,2,6,8 AND 9): 20.4 PSF
ZONE B (REGIONS 3,4,5,7,10 AND 11): 27.6 PSF

THESE DETAILS ARE SKETCH DRAWINGS AND ARE NOT TO SCALE
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION

MATERIALS DETAILS FOR TYPE A SIGN SUPPORTS

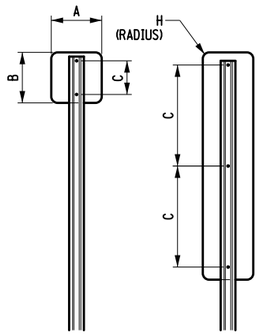
CHICAGO HEIGHTS STEEL
U CHANNEL SIGN SUPPORTS
STANDARD CAPACITY

ISSUED UNDER EB 06-021
EFFECTIVE: 05/02/2006
REVISION: ,

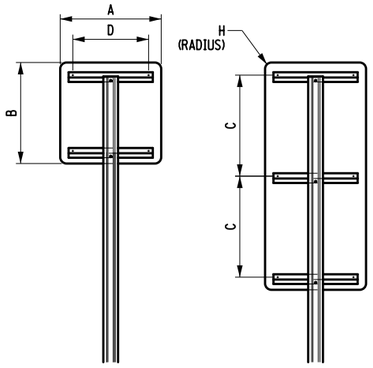
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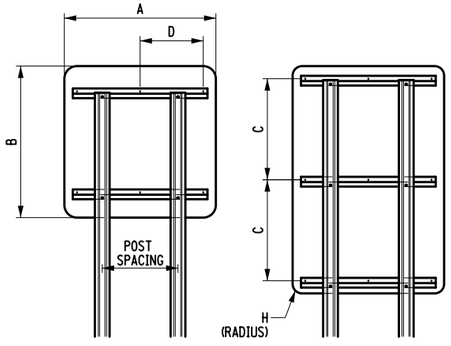
A	B	C	H	AREA (SQ. FT.)	SEE NOTE
12"	12"	8"	1½"	1.0	
18"	18"	12"	1½"	2.3	
12"	6"	4"	1½"	0.5	
12"	8"	4"	1½"	0.7	
12"	9"	4"	1½"	0.8	
18"	6"	4"	1½"	0.8	
18"	12"	6"	1½"	1.5	
6"	12"	6"	1½"	0.5	
8"	16"	10"	1½"	0.9	
9"	12"	6"	1½"	0.8	
12"	18"	12"	1½"	1.5	
12"	24"	18"	1½"	2.0	
12"	30"	24"	1½"	2.5	
12"	36"	14"	1½"	3.0	2
12"	48"	18"	1½"	4.0	2
12"	54"	24"	1½"	4.5	2
12"	60"	24"	1½"	5.0	2
18"	24"	18"	1½"	3.0	
18"	30"	24"	1½"	3.8	
18"	36"	14"	1½"	4.5	2
18"	48"	18"	1½"	6.0	2
18"	54"	24"	1½"	6.8	2
18"	60"	24"	1½"	7.5	2



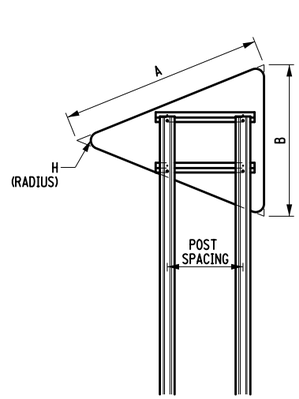
A	B	C	D	H	AREA (SQ. FT.)	SEE NOTE
21"	21"	15"	15"	1½"	3.1	
24"	24"	18"	18"	1½"	4.0	
30"	30"	24"	24"	1½"	6.3	
20"	18"	12"	15"	1½"	2.5	
21"	15"	9"	15"	1½"	2.2	
24"	6"	3"	18"	1½"	1.0	
24"	8"	4"	18"	1½"	1.3	
24"	12"	6"	18"	1½"	2.0	
24"	15"	9"	18"	1½"	2.5	
24"	18"	12"	18"	1½"	3.0	
30"	10"	6"	24"	1½"	2.1	
30"	15"	9"	24"	1½"	3.1	
30"	18"	12"	24"	1½"	3.8	
30"	21"	15"	24"	1½"	4.4	
30"	24"	18"	24"	1½"	5.0	
24"	30"	22"	18"	1½"	5.0	
24"	36"	24"	18"	1½"	6.0	
30"	36"	24"	24"	1½"	7.5	
24"	54"	24"	18"	1½"	9.0	2
30"	42"	18"	24"	1½"	8.8	2

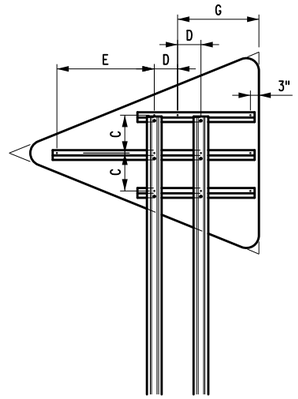


A	B	C	D	H	POST SPACING	AREA (SQ. FT.)	SEE NOTE
36"	12"	6"	15"	1½"	18"	3.0	
36"	18"	12"	15"	1½"	18"	4.5	
36"	20"	12"	15"	1½"	18"	5.0	
36"	24"	18"	15"	1½"	18"	6.0	
36"	30"	24"	15"	1½"	18"	7.5	
36"	36"	24"	15"	3"	18"	9.0	
42"	21"	12"	18"	1½"	18"	6.1	
42"	26"	18"	18"	1⅞"	18"	7.6	
42"	30"	24"	18"	1⅞"	18"	8.8	
45"	36"	24"	19½"	2¼"	24"	11.3	
48"	18"	12"	21"	1½"	24"	6.0	
48"	24"	18"	21"	1⅞"	24"	8.0	
48"	30"	24"	21"	2¼"	24"	10.0	
48"	36"	24"	21"	2¼"	24"	12.0	
54"	18"	12"	24"	1⅞"	24"	6.8	
60"	24"	18"	27"	1½"	30"	10.0	
60"	30"	24"	27"	2¼"	30"	12.5	
36"	48"	18"	15"	2¼"	18"	12.0	2
36"	54"	24"	15"	2¼"	18"	13.5	2
36"	60"	24"	15"	2¼"	18"	15.0	2
42"	60"	24"	18"	3"	24"	17.5	2
48"	60"	24"	21"	3"	24"	20.0	2
42"	42"	18"	21"	3"	24"	12.3	2
48"	48"	18"	21"	3"	24"	16.0	2
60"	48"	18"	27"	3"	30"	20.0	2
64"	42"	18"	27"	3"	30"	18.7	2

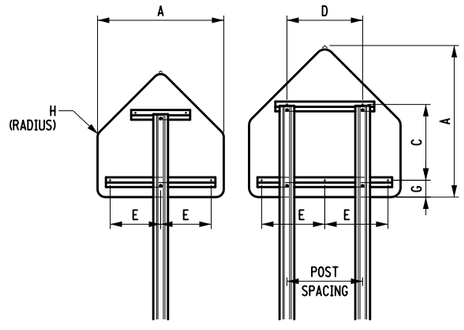


A	B	C	D	E	G	H	POST SPACING	AREA (SQ. FT.)	PAYMENT AREA (SQ. FT.)
40"	30"	10"				1⅞"	9"	3.9	7.9
48"	36"	12"				2"	12"	5.6	11.1
64"	48"	11"	6"	18"	17"	3"	12"	9.9	19.8





A	C	D	E	G	H	POST SPACING	AREA (SQ. FT.)	PAYMENT AREA (SQ. FT.)
30"	16"	12"	12"	4"	1⅞"		5.2	6.3
36"	18"	18"	15"	4"	2¼"	18"	7.3	9.0
48"	24"	24"	21"	6"	3"	24"	13.0	16.0



NOTES:

1. SIGN BLANKS SHALL BE 10 GAUGE THICK ALUMINUM. FIBERGLASS REINFORCED PLASTIC MAY BE USED FOR SIGN PANELS UP TO 48" X 48".
2. THESE PANELS USE THE "C" DIMENSION TWICE FOR EITHER MOUNTING HOLES OR HORIZONTAL Z BARS.
3. THE "PAYMENT AREA", WHICH INCLUDES FABRICATION WASTAGE, SHALL BE USED ONLY FOR DETERMINING PAYMENT FOR NON-RECTANGULAR SIGN BLANKS.
4. INTERMEDIATE SIZE SIGN BLANKS THAT ARE NOT SHOWN, SHALL BE FABRICATED SIMILAR TO THE CLOSEST SHOWN SIZE.
5. SIGN PANELS WIDER THAN SHOWN SHALL BE FABRICATED AS SHOWN ON THE CURRENT "LARGE GUIDE SIGNS" STANDARD SHEET.
6. ADDITIONAL SIGN BLANK DIMENSIONS ARE GIVEN IN "STANDARD HIGHWAY SIGNS", FEDERAL HIGHWAY ADMINISTRATION.
7. THE HORIZONTAL Z BAR LENGTH SHALL BE A MINIMUM OF 1" LONGER THAN THE CENTER TO CENTER DISTANCE BETWEEN EXTREME MOUNTING HOLES. WHERE POSTS ARE LOCATED AT THE END OF HORIZONTAL Z BAR, THE HORIZONTAL Z BAR SHALL EXTEND BEYOND THE SIDE OF THE POST A MINIMUM OF ONE ½" AND A MAXIMUM OF 2".
8. ALUMINUM Z BARS WEIGHING ONE POUND PER FOOT AND MEASURING Z 2⅜" X 1¼" X 3/16" MAY BE PREPUNCHED WITH 5/16"ø HOLES AT 1" CENTERS ALONG THE ENTIRE LENGTH.
9. POST AND HORIZONTAL Z BAR ARRANGEMENTS ARE SHOWN FOR COMMON BLANKS. THESE ARRANGEMENTS MAY BE ADJUSTED AS NECESSARY WHERE A NUMBER OF SIGN BLANKS ARE GROUPED IN SIGN ASSEMBLIES OR WHERE ADDITIONAL POSTS ARE REQUIRED DUE TO POST CAPACITY LIMITATIONS.
10. MATERIALS ARE PER SUBSECTIONS:
    730-01 ALUMINUM SIGN PANELS
    730-22 STIFFENERS, OVERHEAD BRACKETS AND MISCELLANEOUS HARDWARE
    730-23 FIBERGLASS REINFORCED PLASTIC SIGN PANELS
11. WHERE 730-05.02 REFLECTIVE SHEETING (CLASS B) OR TYPE IX IS REQUIRED, NYLON OR PLASTIC WASHERS SHALL BE INSTALLED BETWEEN FASTENER BOLT HEADS (OR NUTS) AND THE REFLECTIVE SHEETING ON THE SIGN FACE.
12. POSTS AND POST FOOTINGS SHALL BE INSTALLED AS SPECIFIED ON THE APPROPRIATE STANDARD SHEETS OR AS PER MANUFACTURERS INSTRUCTIONS.
13. THE TOP HOLES SHOWN ON THE HORIZONTAL Z BARS ARE FOR THE PANEL TO HORIZONTAL Z BAR CONNECTIONS. THE BOTTOM HOLES ON THE HORIZONTAL Z BARS ARE FOR THE HORIZONTAL Z BAR TO SIGN POST CONNECTIONS. THE HOLES SHOWN ON PANELS WITHOUT HORIZONTAL Z BARS ARE FOR PANEL TO POST CONNECTIONS.

ERRATA 1
ISSUED WITH EB 18-003

NEW YORK STATE OF OPPORTUNITY. **Department of Transportation**

U.S. CUSTOMARY STANDARD SHEET

SIGN BLANK DETAILS (SHEET 1 OF 2)

APPROVED OCTOBER 05, 2009

/S/ RICHARD W. LEE, P.E.

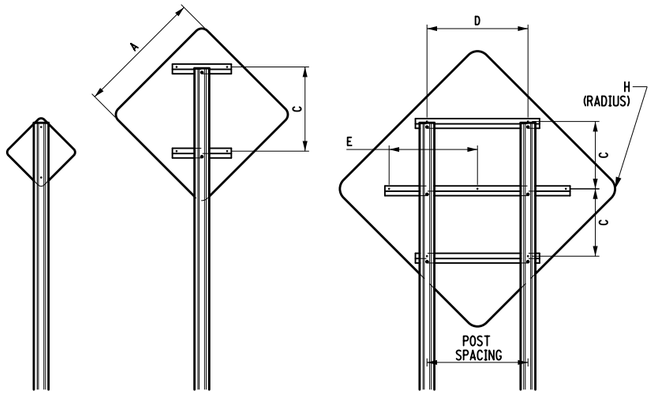
FOR THE DEPUTY CHIEF ENGINEER (DESIGN)

ISSUED UNDER EB 09-025

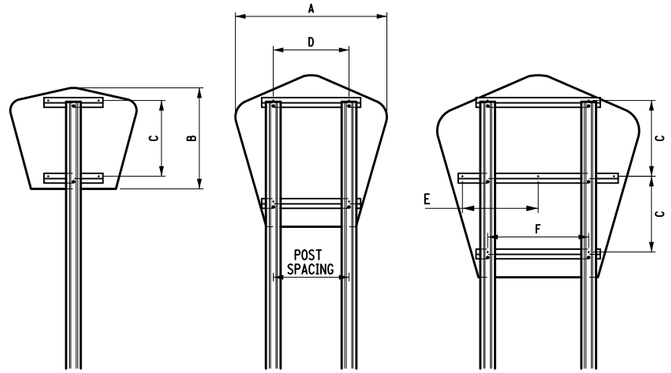
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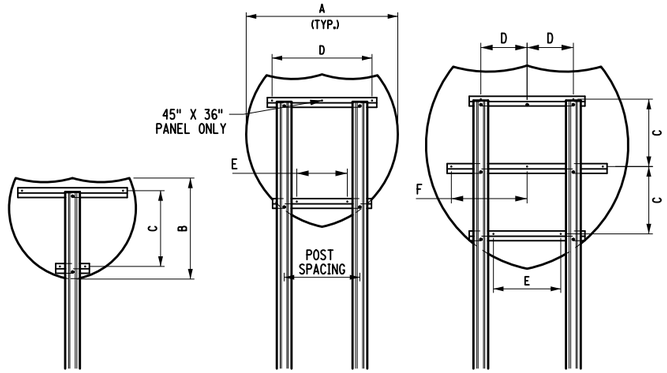
A	C	D	E	H	POST SPACING	AREA (SQ. FT.)
24"	12"			1"		4.0
30"	18"			1"		6.3
24"	16"	12"		1½"		4.0
30"	20"	15"		1⅞"		6.3
36"	12"	18"	15"	2½"	18"	9.0
48"	16"	24"	21"	3"	24"	16.0



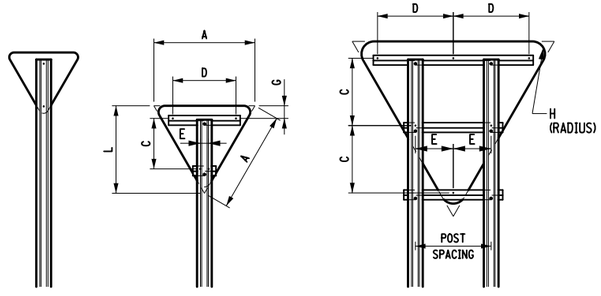
A	B	C	D	E	F	POST SPACING	AREA (SQ. FT.)	PAYMENT AREA (SQ. FT.)
24"	24"	18"	12"				3.0	4.0
30"	24"	18"	12"				4.0	5.0
36"	36"	24"	18"			18"	6.8	9.0
45"	36"	24"	18"			18"	9.1	11.3
48"	48"	18"	18"	18"	12"	24"	12.1	16.0
60"	48"	18"	18"	24"	12"	24"	16.2	20.0



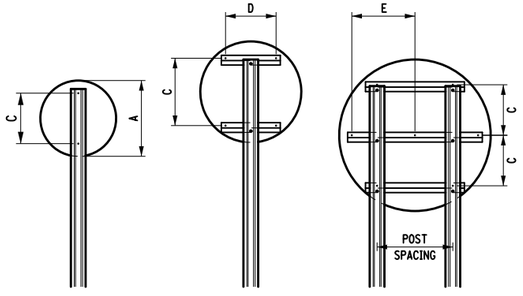
A	B	C	D	E	F	POST SPACING	AREA (SQ. FT.)	PAYMENT AREA (SQ. FT.)
24"	24"	18"	18"	6"			3.2	4.0
30"	24"	18"	24"	12"			3.8	5.0
36"	36"	24"	24"	12"		18"	7.0	9.0
45"	36"	24"	18"	18"		18"	8.8	11.3
48"	48"	16"	10"	16"	19"	24"	12.4	16.0
60"	48"	16"	10"	16"	25"	24"	15.5	20.0



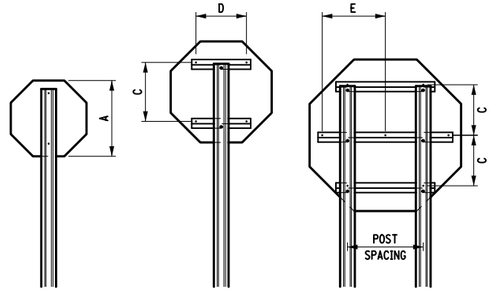
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18"	15"	12"				1½"		1.0	1.9
24"	21"	12"	15"	2"	3"	1½"		1.8	3.5
30"	27"	14"	18"	4"	4"	1½"		2.7	5.7
36"	31"	18"	24"	4"	4"	2"		3.9	7.8
48"	41.5	16"	18"	9"	4"	3"	18"	7.0	13.9
60"	52	21"	24"	12"	4"	4"	24"	10.9	21.7



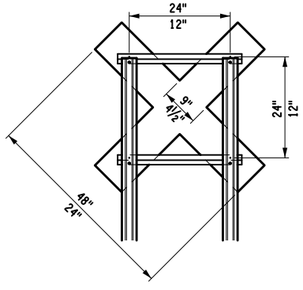
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18"	12"				1.8	2.3
24"	16"	12"			3.1	4.0
30"	20"	15"			4.9	6.3
36"	12"	18"	15"	18"	7.1	9.0
48"	16"	24"	21"	24"	12.6	16.0



A	C	D	E	POST SPACING	AREA (SQ. FT.)	PAYMENT AREA (SQ. FT.)
18"	12"				1.8	2.3
24"	14"	12"			3.1	4.0
30"	18"	15"			5.0	6.3
36"	12"	18"	15"	18"	7.0	9.0
48"	16"	24"	21"	24"	12.5	16.0



AREA (SQ. FT.)	
5.4	1.3
PAYMENT AREA (SQ. FT.)	
16.0	4.0
POST SPACING	
24"	12"



NEW YORK STATE OF OPPORTUNITY.

Department of Transportation

U.S. CUSTOMARY STANDARD SHEET

SIGN BLANK DETAILS (SHEET 2 OF 2)

APPROVED OCTOBER 05, 2009

/S/ RICHARD W. LEE, P.E.

FOR THE DEPUTY CHIEF ENGINEER (DESIGN)

ISSUED UNDER EB 09-025

645-01

ERRATA 1
ISSUED WITH EB 18-003