

WITHOUT BORDER, PRINCIPAL LEGEND WITH OR WITHOUT DESCENDING STROKES

COLORS

BACKGROUND: GREEN

BACKGROUND (ALT): BLUE OR BROWN

STANDARD SIGN DESIGN, ODOT D3-1

ALL DIMENSIONS SHOWN IN INCHES

A	B	C	D	E	F	G	H	J	K	L	M	N
VAR	8	0.375	2	4D	3D	3	3 Min	3	1R	1.75	2.25	2.75
VAR	12	0.5	3	6D	4D	5	4.5 Min	4.50	1.5R	2.75	3.25	4.75
VAR	18	0.75	5	8D	5.33D	7.67	5.33 Min	6	1.875R	5	5	7.67
VAR	24	1	6	12D	8D	10	9 Min	9	2.25R	5.5	6.5	9.5

APPROVED 9-18-18

 CITY ENGINEER

REVISED: 18 SEP 18

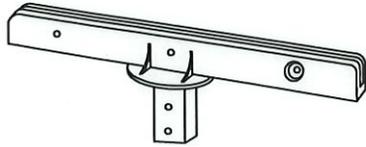
STREET SIGN
 INSTALLATION
 STANDARDS

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

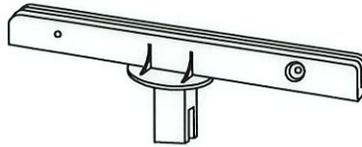
STANDARD
 CONSTRUCTION DRAWING

DWG. BY: DDK
 CHK'D BY: TD

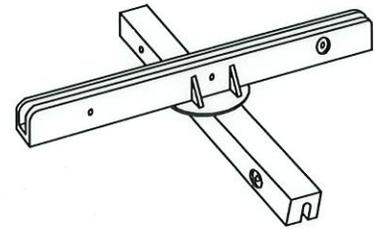
FILE NUMBER
 TC-1 SHT 1 of 4



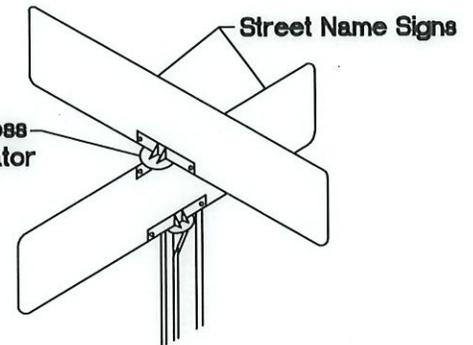
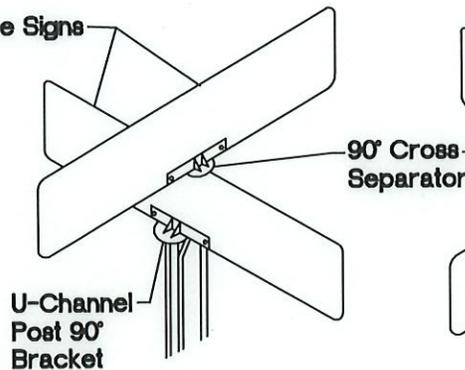
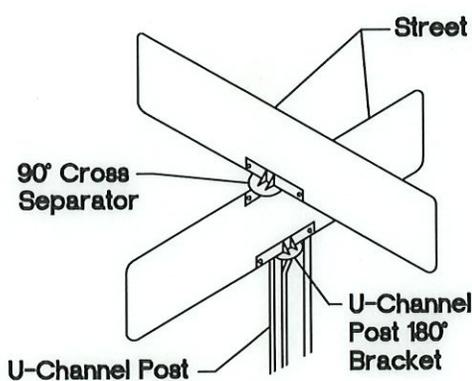
#12U-180F Ultra Supr-Lok Cap



#12U-90F Ultra Supr-Lok Cap



#12-CRF Ultra Supr-Lok Cap



Street name signs are per the ODOT D3-1 standard as shown, all other signage is per OMUTCD (2012 Edition). City of Lancaster spec is "without border". Street name signs are to be mounted on top of the 2 LB, U-Channel post using the brackets as shown. They should be located directly above the STOP sign. If two street signs are needed, the longer is to be located on bottom and perpendicular to the STOP sign. This will determine which bracket will be required (90° or 180°). Sign post installation specifications are per ODOT TC-41.20 and TC-42.20.

Note: Brackets shown are sold by Hall's Signs, PO Box 515, Bloomington, IN 47402. (www.store.hallsigns.com)
Equivalent design will be considered.

APPROVED 9-18-18
Mitch Holub
CITY ENGINEER
REVISED: 18 SEP 18

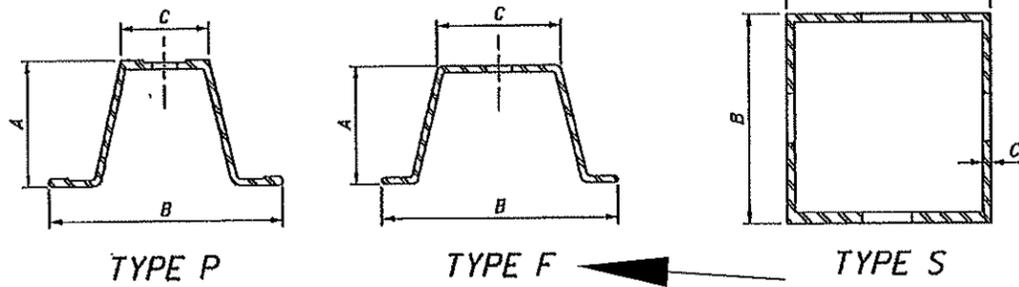
STREET SIGN
INSTALLATION
STANDARDS

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

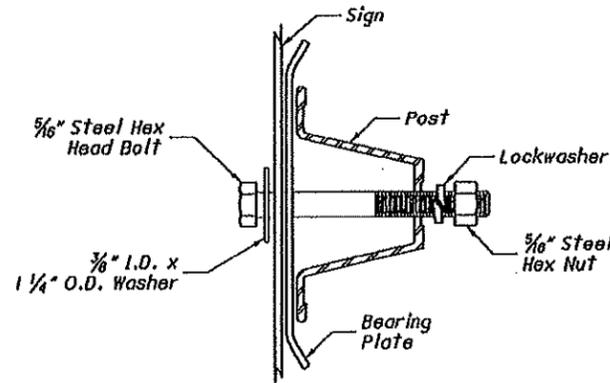
STANDARD
CONSTRUCTION DRAWING

DWG. BY: ...DDK...
CHK'D BY: ...TD.....

FILE NUMBER
TC-1 SHT 2 of 4



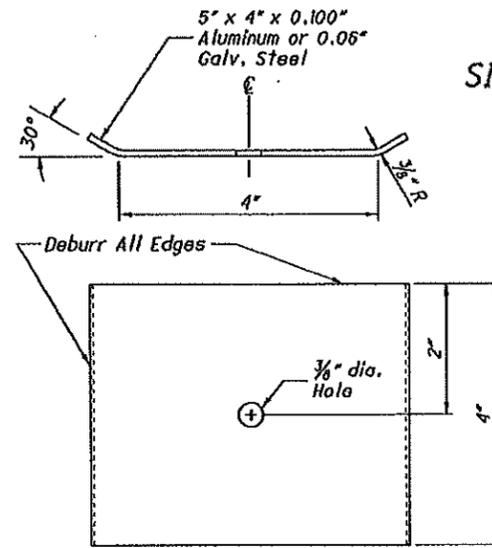
POST NO.	TYPE	LB/FT	POST DIMENSIONS (INCHES)			ANCHOR DIMENSIONS			# OF POSTS PERMITTED IN 7' PATH IN EXPOSED LOCATIONS
			A	B	C	A	B	C	
1	F	1.12	0.875	2.063	0.813				
	P	2.00	1.469	3.063	1.281				2
2	F	2.00	1.516	3.125	1.250				2
	S		1.750	1.750	0.083	2.000	2.000	0.105	2
3	P	3.00	1.875	3.500	1.313				2
	F	3.00	1.750	3.500	1.625				2
3	S		2.00	2.00	0.083	2.250	2.250	0.105	2
	P	4.00	TWO NO.2 POST						0
4	F	4.00	TWO NO.2 POST						0
	S		2.500	2.500	0.105	3.000	3.000	0.188	1
6	P	6.00	TWO NO.3 POST						0
	F	6.00	TWO NO.3 POST						0



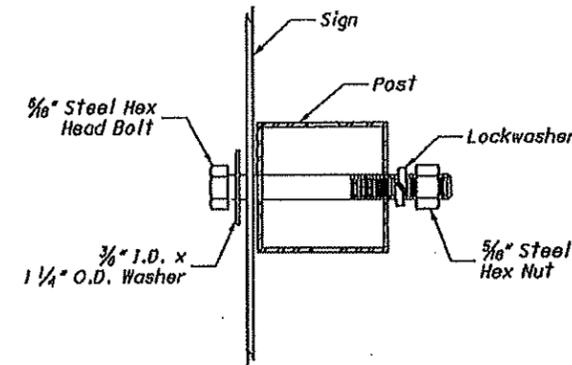
U-CHANNEL SIGN ATTACHMENT DETAIL

NOTES:

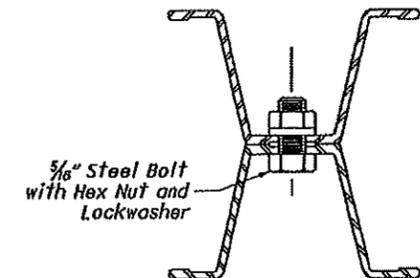
1. Install No. 4 type P and F posts, and No. 6 type P and F posts, only in protected locations (e.g., behind guardrail). Install two post installations of number 4 type S posts within 7 foot path only in protected locations.
2. Use of anchor base with No. 2 and No. 3 square post is optional. Use of anchor base with No. 4 square post is required.
3. Square post may have die-cut knockouts or open holes.



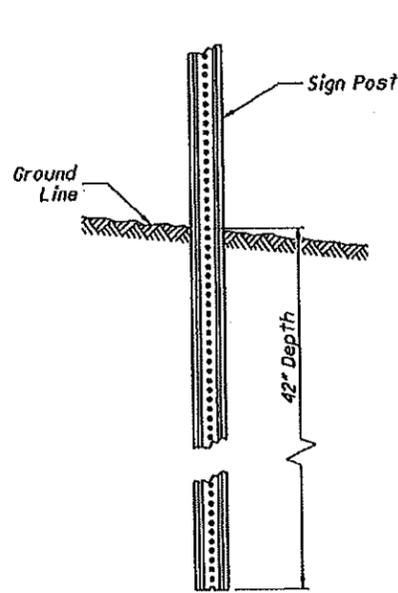
BEARING PLATE



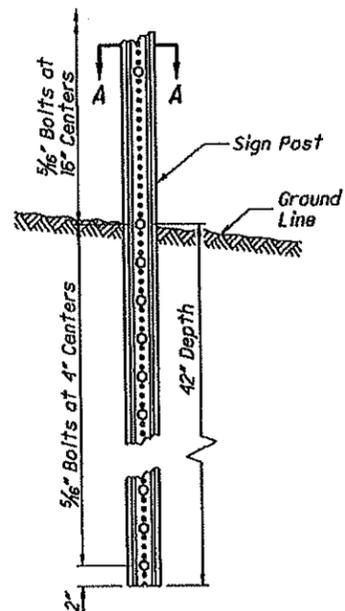
SQUARE POST SIGN ATTACHMENT DETAIL



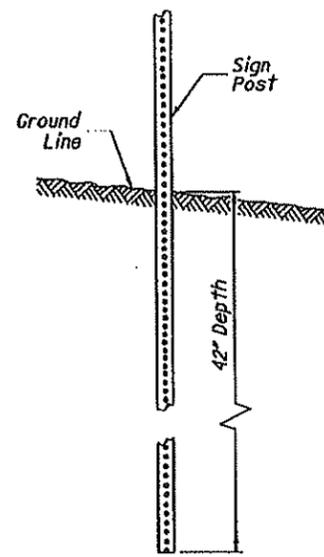
SECTION A-A



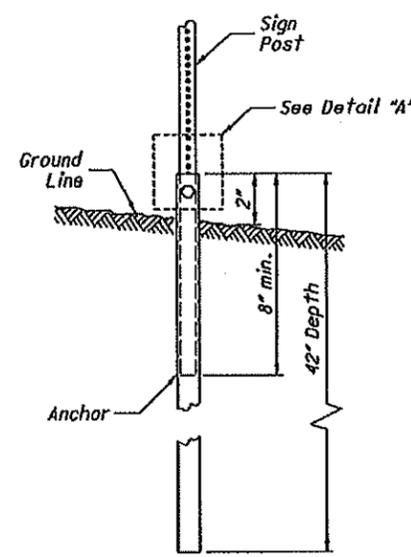
TYPICAL NO. 1, NO. 2 AND NO. 3 U-CHANNEL DRIVEN INSTALLATION



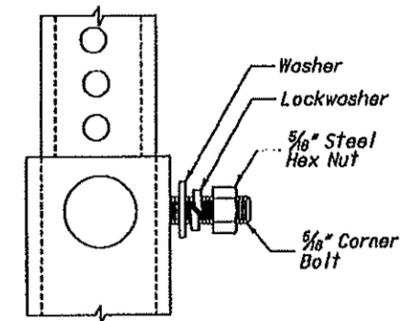
TYPICAL NO. 4 AND NO. 6 U-CHANNEL DRIVEN INSTALLATION



TYPICAL SQUARE POST DRIVEN INSTALLATION



TYPICAL SQUARE POST ANCHOR BASE INSTALLATION



DETAIL "A"

THIS DRAWING REPLACES TC-41.20 DATED 01-19-2001.

SD NUMBER

TC-41.20

STANDARD ROADWAY CONSTRUCTION DRAWING

YIELDING POST

OFFICE OF ROADWAY ENGINEERING

ENGINEER

H. Suter

STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR

James Young

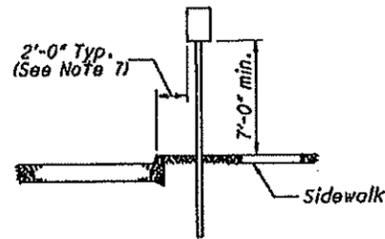
REVISION DATE

10-18-2013

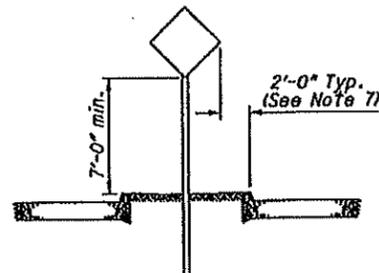
FILE NUMBER

TC-1

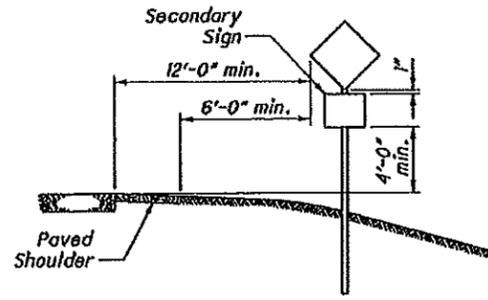
SHT 3 of 4



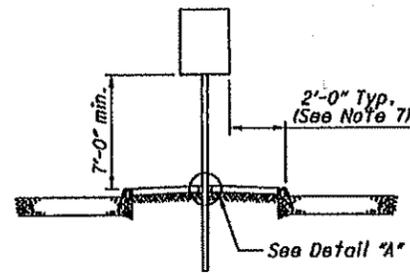
URBAN-RESIDENTIAL AND BUSINESS
AND ALL AREAS WITH SIDEWALKS



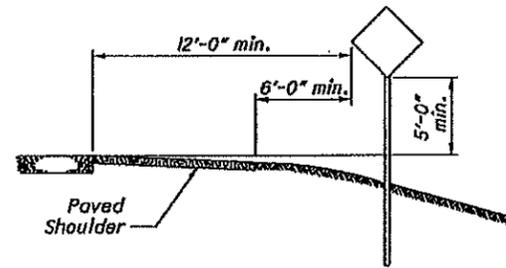
MEDIAN



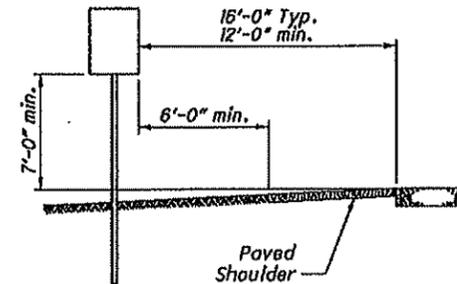
RURAL
WITH SECONDARY SIGN



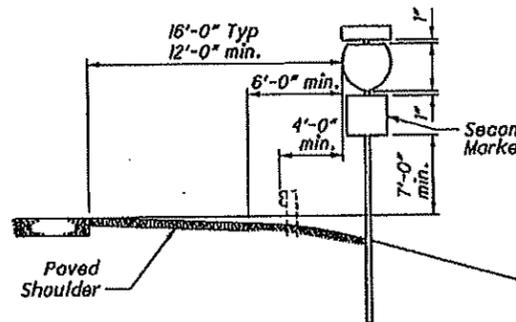
PAVED MEDIAN



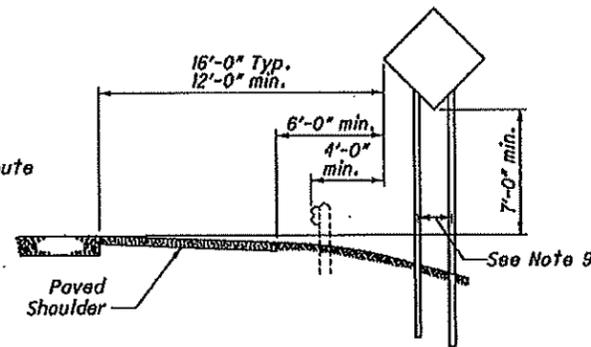
RURAL



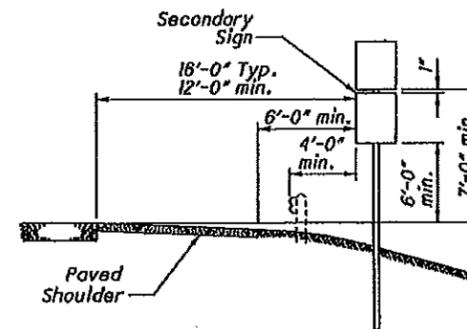
MEDIAN - EXPRESSWAY OR FREEWAY



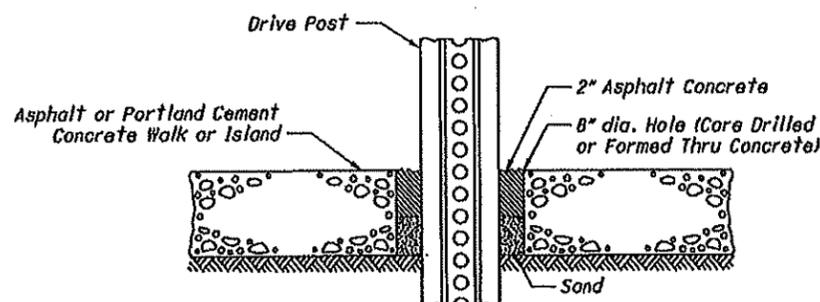
EXPRESSWAY OR FREEWAY
WITH SECONDARY SIGN



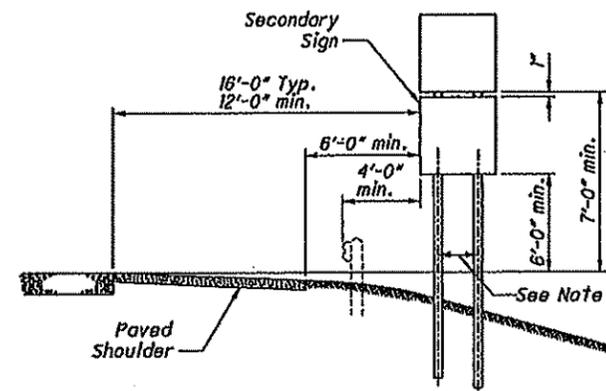
EXPRESSWAY OR FREEWAY



EXPRESSWAY OR FREEWAY
WITH SECONDARY SIGN



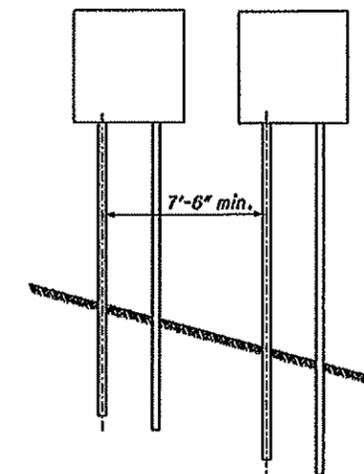
DETAIL "A"



EXPRESSWAY OR FREEWAY
WITH SECONDARY SIGN

NOTES:

1. See Standard Construction Drawing (SCD) TC-41.20 for details on yielding supports.
2. All signs shall be placed 90° to the roadway, except as described in notes 3 and 4 below.
3. Install chevron alignment and one-direction large arrow signs on the outside of a turn or curve in line with and at approximately 90° to approaching traffic flow.
4. Install parking signs with arrows at an angle of not less than 30° nor more than 45° with the line of traffic flow.
5. Install chevron alignment signs at a minimum mounting height of 4' above the near edge of the traveled way.
6. Install object markers at a minimum mounting height of 4' above the near edge of the traveled way for obstructions 8' or less from the edge of shoulder or curb. Install object markers at a minimum mounting height of 4' above the ground for obstructions more than 8' from the edge of the shoulder or curb.
7. Install signs with a minimum lateral offset of 1' from the face of curb where sidewalk width is limited or where existing poles are close to the curb.
8. On conventional roads where it is impractical to locate a sign with the lateral offsets shown, install signs with a minimum lateral offset of 2'.
9. See SCDs TC-52.10 and TC-52.20 for dimensions between supports.



ADJACENT SIGN INSTALLATION
FOR NO. 2 AND NO. 3 YIELDING POST
SUPPORTS IN EXPOSED LOCATIONS

THIS DRAWING REPLACES TC-42.20 DATED 01-21-2011.
SCD NUMBER

TC-42.20

FILE NUMBER
TC-1 SHT 4 of 4

STANDARD ROADWAY CONSTRUCTION DRAWING
TYPICAL FLAT SHEET SIGN PLACEMENT

OFFICE OF
ROADWAY
ENGINEERING

STDS.
ENGINEER
H. Suter

STATE OF OHIO DEPARTMENT OF
TRANSPORTATION ADMINISTRATOR

James Young

REVISION DATE

10-18-2013