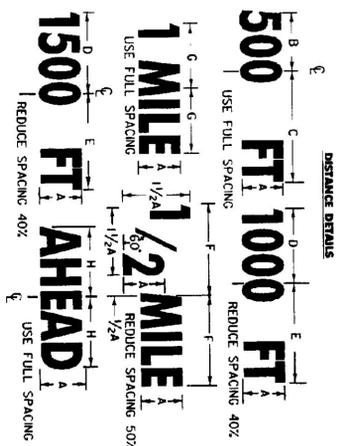
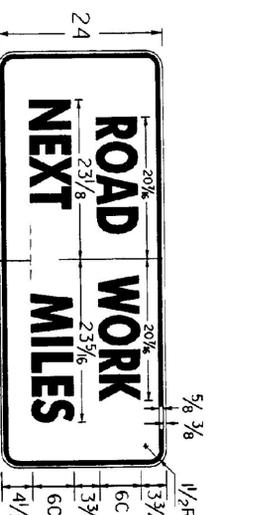


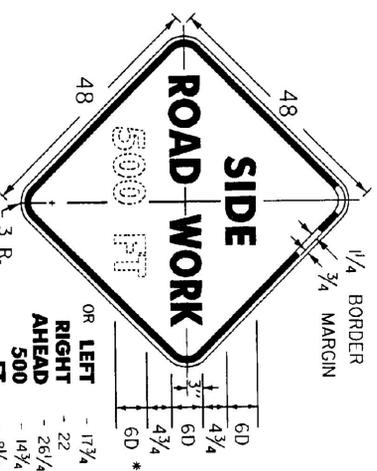
DIMENSIONS (INCHES)												
STD.	A	B	C	D	E	F	G	H	J	K	L	M
48	7C	4 3/4	3" R.	3/4	1 1/4	9/2	9 3/8	10 1/2	10 3/8	10 3/8	10 3/8	10 3/8
URBAN	36	5C	3 3/8	2 1/4 R.	5/8	7/8	6 3/8	7 1/8	7 1/2	7 1/2	7 1/2	7 1/2



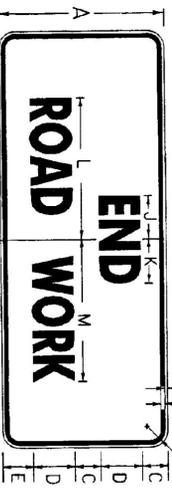
DIMENSIONS (INCHES)												
A	B	C	D	E	F	G	H	I	J	K	L	M
50	10 3/8	10 3/8	1 1/4	1 1/4	1 1/4	9/2	10 3/8	10 3/8	10 3/8	10 3/8	10 3/8	10 3/8
6C	10 3/8	10 3/8	1 1/4	1 1/4	1 1/4	9/2	10 3/8	10 3/8	10 3/8	10 3/8	10 3/8	10 3/8
7C	12	12 3/8	1 3/4	1 3/4	1 3/4	10 3/8	12 3/8	12 3/8	12 3/8	12 3/8	12 3/8	12 3/8
8D	16 1/4	17 1/4	1 7/8	1 7/8	1 7/8	11 3/8	14 3/8	14 3/8	14 3/8	14 3/8	14 3/8	14 3/8



THIS SIGN TO BE USED WHEN PROJECT LENGTH EXCEEDS 2 MILES OR AS REQUESTED BY THE RESIDENT ENGINEER. SHOW MILEAGE TO NEAREST 1/4 MILE USING FRACTIONS, NOT DECIMALS. HAND LETTERING OF MILEAGE WILL NOT BE ALLOWED. (ALL DIMENSIONS SHOWN IN INCHES)



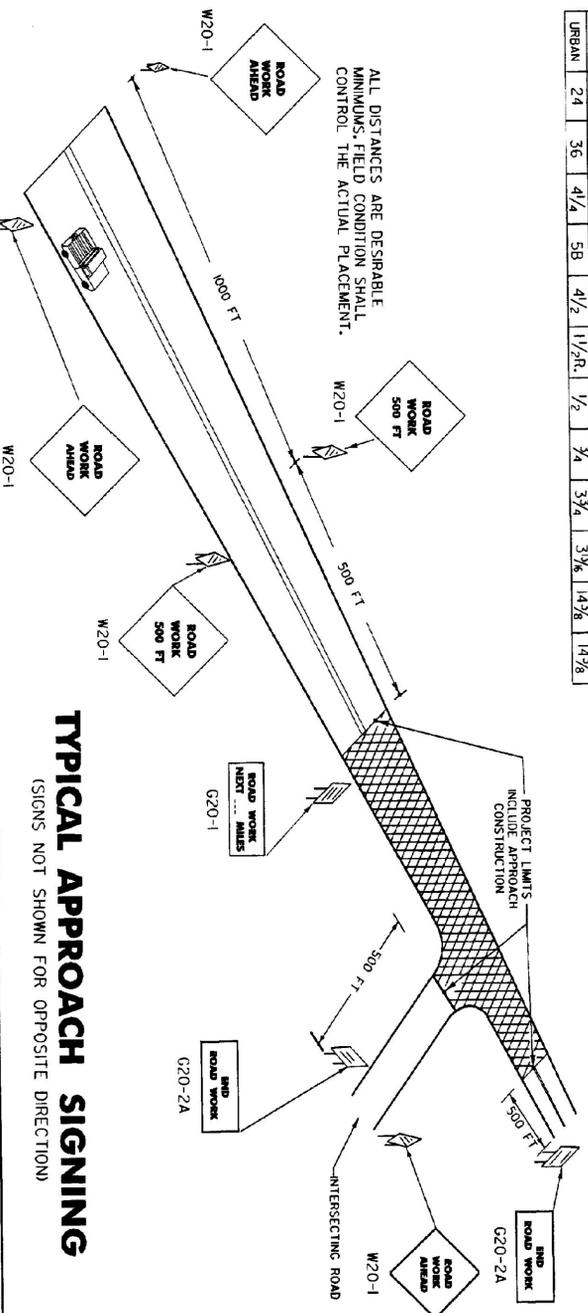
OR LEFT - 17 3/4
RIGHT - 22
AHEAD - 26 1/4
500 FT - 14 3/4
- 8 1/8
* REDUCE SPACING 50%



DIMENSIONS (INCHES)												
STD.	A	B	C	D	E	F	G	H	J	K	L	M
24	60	3 3/4	6C	4 1/2	1 1/2 R.	3/8	3/8	3/8	6 1/4	6 3/4	20 1/8	20 1/8
URBAN	24	36	4 1/4	5B	4 1/2	1 1/2 R.	1/2	3/4	3 3/4	3 3/4	14 3/8	14 3/8

G20-2A

(ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED)



TYPICAL APPROACH SIGNING
(SIGNS NOT SHOWN FOR OPPOSITE DIRECTION)

REVISIONS AND CORRECTIONS

MAY 26, 1989 - DATE OF ORIGINAL ISSUE
OCT 21, 1992 - REVISED WOOD POST REQUIREMENTS, ADDED SIGN DETAILS, & REVISED TITLE BLOCK
AUG 08, 1995 - MINOR NOTE REVISIONS

APPROVED

Signature of Traffic and Safety Engineer
TRAFFIC AND SAFETY ENGINEER

CONSTRUCTION APPROACH SIGNS

NOTES

THE SIGNS SHOWN ON THIS SHEET ARE INTENDED FOR USE IN PROVIDING ADVANCE WARNING AND INFORMATION ON CONSTRUCTION PROJECTS OVER WHICH TRAFFIC WILL BE MAINTAINED. WHEN ADDITIONAL APPROACH SIGNS OR OTHER TRAFFIC ADVANCE SIGNS ARE REQUIRED, THE DESIGNER SHALL REFER TO THE STANDARD SHEETS FOR PROJECT CONSTRUCTION SIGNS. REFER TO APPROPRIATE STANDARD SHEETS.

APPLICATION OF STANDARDS
SINCE IT IS NOT POSSIBLE TO PRESCRIBE DETAILED STANDARDS OF APPLICATION FOR ALL OF THE SITUATIONS THAT MAY CONCRETELY ARISE ON A CONSTRUCTION PROJECT, REFERENCE SHALL BE MADE TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR THE PRINTING, PRODUCTION, AND SIGN PROJECT CONSTRUCTION SIGNS AND BARRIERS. THE SIGNS SHOWN IN E-101 AND E-102 REPRESENT A SAMPLE OF THOSE MORE COMMONLY USED.

LOCATION
THE SIGNS SHALL BE LOCATED AS DETAILED ON THIS SHEET OR AS OTHERWISE SHOWN ON THIS SHEET. INTERSECTING PUBLIC HIGHWAYS THE EXACT PLACEMENT OF ANY SIGN WILL DEPEND UPON THE ALIGNMENT INTENDED TO INDICATE THE SEQUENCE TO BE FOLLOWED, AND THE APPROXIMATE SPACING TO BE OBSERVED. THE ENGINEER SHALL DETERMINE THE EXACT LOCATIONS.

DESIGN
THE DESIGN OF THE SIGNS SHALL CONFORM WITH THE DETAILS SHOWN ON THIS SHEET AND WITH THE STANDARDS PRESCRIBED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

MATERIALS
THE SIGN BASE MATERIAL USED FOR THE SIGNS ON THIS SHEET MAY BE ANY OF THE FOLLOWING.
FLAT SHEET ALUMINUM 0.125 INCHES
HIGH DENSITY OVERLAYED PLYWOOD 1/2, 5/8, OR 3/4 INCHES
GALVANIZED SHEET STEEL 1/2 GA.

RECOLORIZATION
ALL REFLECTORIZED MATERIAL SHALL CONSIST OF TYPE 11B OR TYPE 111

COLORS
THE COLORS SHALL CONFORM WITH THE STANDARD COLORS ADOPTED BY THE AMERICAN SOCIETY OF COLORIMETRY AND APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION. COLORS SHOWN ON THIS SHEET CONSIST OF BLACK TEXT AND BORDER ON A REFLECTORIZED ORANGE BACKGROUND.

INSTALLATION
THE SIGNS SHALL BE ERECTED BEFORE THE START OF ANY WORK AND SHALL BE COVERED UNTIL WORK COMMENCES. DURING PERIODS OF INACTIVITY, WORK ON THE DISCREETION OF THE ENGINEER, EACH SIGN SHALL BE ERECTED IN A NEAT AND WORKMANLIKE MANNER ON POSTS SET SECURELY IN THE GROUND. THE BOTTOM OF A SIGN SHALL BE AT LEAST 7 FEET ABOVE THE EDGE OF PAVEMENT, AND THE NEAREST EDGE OF A SIGN SHALL BE AT LEAST 7 FEET OUTSIDE THE SHOULDER POINT. THE SIGN SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. IN URBAN AREAS, THE BOTTOM OF THE SIGN SHALL BE AT LEAST 7 FEET ABOVE THE SIDEWALK.

MAINTENANCE
SIGNS SHALL BE MAINTAINED IN A CLEAN AND LEGIBLE CONDITION SATISFACTORY TO THE ENGINEER. THEY SHALL BE COMPLETELY VISIBLE TO APPROACHING TRAFFIC AT ALL TIMES. THEY SHALL BE KEPT PLUMB AND LEVEL AND ALWAYS PRESENT A NEAT AND APPEARANCE. DAMAGED OR DEFACED SIGNS SHALL BE REPAIRED, CLEANED OR REPLACED AS ORDERED BY THE ENGINEER.

NOTES CONT.

GENERAL
THE COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING ALL CONSTRUCTION APPROACH SIGNS WILL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR VARIOUS ITEMS INVOLVED IN THE CONTRACT. DURING ALL PHASES OF CONSTRUCTION THE SIGN GUARDRAILS SET FOR THE PROJECT SHALL BE USED DOWN FOR TEMPORARY PERIODS THE SIGNS SHALL BE COVERED IN A WORKMANLIKE MANNER.

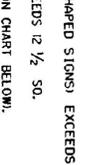
SIGN COVERS
SIGN COVERS SHALL CONSIST OF A PANEL PAINTED FLAT BLACK. THE SAME SIZE AS THE SIGN IT COVERS. THE PANEL SHALL BE OF WOOD OR METAL. THE PANEL SHALL BE COVERED WITH WEATHER RESISTANT MATERIAL. THE PANEL SHALL BE KEPT PLUMB AND LEVEL AND ALWAYS PRESENT A NEAT AND APPEARANCE. DAMAGED OR DEFACED SIGNS SHALL BE REPAIRED, CLEANED OR REPLACED AS ORDERED BY THE ENGINEER.

SIGN POSTS
WHERE CONSTRUCTION SIGN INSTALLATIONS ARE NOT PROTECTED BY GUARD RAIL OR OTHER APPROVED TRAFFIC BARRIERS, THE SIGNS ARE MOUNTED ON WOODEN POSTS AS DETAILED IN THE SERIES OF STANDARD DRAWINGS OR YIELDING WOODEN POSTS IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
WOODEN POSTS ARE ACCEPTABLE FOR USE WITH CONSTRUCTION SIGNS. THESE POSTS SHALL HAVE A UNIFORM GROSS SECTION AND SHALL BE MADE FROM GRADE 2 HARD PINE OR SOUTHERN YELLOW PINE OR ANOTHER EQUIVALENT SOFTWOOD. AN ACCEPTABLE EQUIVALENT SOFTWOOD SHALL HAVE AN EXTENSIVE RECORD OF USE IN THE REGION. THE DESIGN VALUE SHALL BE SPECIFIED IN THE DESIGN VALUES FOR WOOD CONSTRUCTION AND RELATED SUPPLEMENT, DATED 1986.
AS ESTABLISHED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION IN THEIR NATIONAL DESIGN THE FOLLOWING ARE CONSIDERED TO BE ACCEPTABLE WOODEN POSTS:
1. 4" x 4" (ACTUAL DIMENSIONS ARE 3.5" x 3.5")
A) ACCEPTABLE FOR SINGLE OR DUAL POSTS INSTALLATION WITH NO MODIFICATIONS.
B) ACCEPTABLE FOR THREE POSTS (1 OR MORE) INSTALLATION ONLY WHEN THERE ARE NO MORE THAN TWO POSTS IN A 7 FOOT PATH.
2. 4" x 6" (ACTUAL DIMENSIONS ARE 3.5" x 5.5")
A) ACCEPTABLE FOR SINGLE POST INSTALLATIONS ONLY WHEN MODIFIED BY DRILLING TWO 1 1/2" DIAMETER HOLES, ONE AT 4" AND THE OTHER AT 18" ABOVE THE GROUND LINE AND PERPENDICULAR TO THE ROADWAY CENTERLINE.
B) ACCEPTABLE AS ABOVE AND THE MINIMUM SPACING BETWEEN POSTS IS 7 FEET.
3. 6" x 6" (ACTUAL DIMENSIONS ARE 5.5" x 5.5")
A) ACCEPTABLE FOR SINGLE POST INSTALLATIONS ONLY WHEN MODIFIED BY DRILLING TWO 2" DIAMETER HOLES, ONE AT 4" AND THE OTHER AT 18" ABOVE THE GROUND LINE AND PERPENDICULAR TO ROADWAY CENTERLINE.
B) ACCEPTABLE FOR MULTIPLE POST INSTALLATIONS ONLY WHEN MODIFIED AS ABOVE AND THE MINIMUM SPACING BETWEEN POSTS IS 7 FEET.
4. 6" x 8" (ACTUAL DIMENSIONS ARE 5.5" x 7.5")
A) ACCEPTABLE FOR SINGLE POST INSTALLATIONS ONLY WHEN MODIFIED BY DRILLING TWO 3" DIAMETER HOLES, ONE AT 4" AND THE OTHER AT 18" ABOVE THE GROUND LINE AND PERPENDICULAR TO THE ROADWAY CENTERLINE.
B) ACCEPTABLE FOR MULTIPLE POST INSTALLATIONS ONLY WHEN MODIFIED AS ABOVE AND THE MINIMUM SPACING BETWEEN POSTS IS 7 FEET.

ADDITIONAL DESIGN CRITERIA
THE LONGER DIMENSION OF THE POST(S), SUCH AS THE 6" DIMENSION OF THE 4" x 6" POST, SHALL BE PLACED PARALLEL TO THE ROADWAY CENTERLINE.
ALL WOODEN POSTS SHALL HAVE AN EMBEDMENT DEPTH OF 4 FEET.
NO CROSS-BRACING OR BACK-BRACING TO KEEP THE POSTS PLUMB WILL BE ALLOWED.
CONCRETE FOUNDATIONS COLLARS OR SOIL BEARING PLATES ARE NOT PERMITTED.
CONSTRUCTION SIGNS SHALL BE PLACED ON TWO OR MORE POSTS WHEN ANY OF THE FOLLOWING CONDITIONS OCCUR:
A) THE SIGN WITH HORIZONTAL DIMENSIONS FOR DIAMOND SHAPED SIGNS EXCEEDS 3.1/2 FEET.
B) THE EXPOSED SIGN AREA OF ANY SINGLE SIGN OR ASSEMBLY EXCEEDS 12 1/2 SQ. FEET.
C) THE SV OF A SINGLE POST IS EXCEEDED. (SEE THE POST SELECTION CHART BELOW).

WOOD POST SELECTION CHART

SIGN AREA (FT ²) X HEIGHT (FT) X SV (SELECTION VALUE)	DESIGN CRITERIA
4' x 4'	WIND SPEED = 60 MPH (10-YEAR WIND OCCURRENCE INTERVAL)
4' x 6'	WIND OCCURRENCE = 13 psf
6' x 6'	ALLOWABLE BENDING STRESS
6' x 8'	389



OTHER STDS. REQUIRED:

VERMONT AGENCY OF TRANSPORTATION
STANDARD E-100

APPROVED FOR THIS PROJECT AND/OR DESIGN IMPLEMENTATION. FINAL FINAL APPROVAL PENDING.