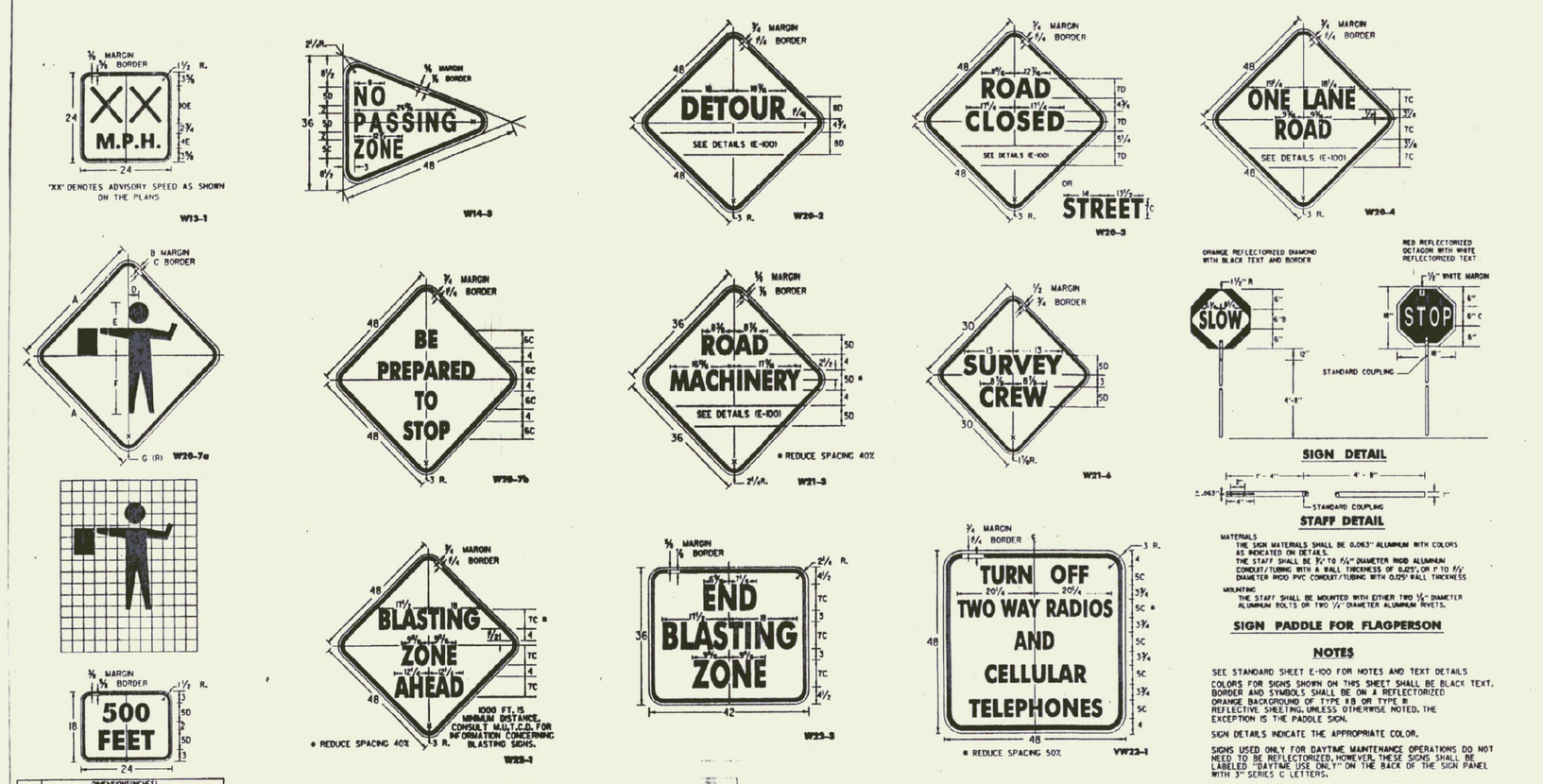


(ALL DIMENSIONS SHOWN IN INCHES)

SIGN	A	B	C	D	E	F	G	H
STD.	24	24	6	6	6	6	1½	3¼
SPEC.	48	3/4	1/4	3/4	18	1½	3/4	3/4

OTHER STDS. REQUIRED: E-100

REVISIONS AND CORRECTIONS
OCT. 30, 1987 - DATE OF ORIGINAL ISSUE
JAN. 23, 1989 - DELETE MOTORCYCLE SYMBOL SIGN AND SPEED SIGN, ADDED TWO SIGNS
OCT. 21, 1992 - ADDED A SIGN, REVISED A SIGN DIMENSION & TYPE ERROR & REVISED TITLE BLOCK
AUG. 08, 1995 - ADDED FLAGGER CHO

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

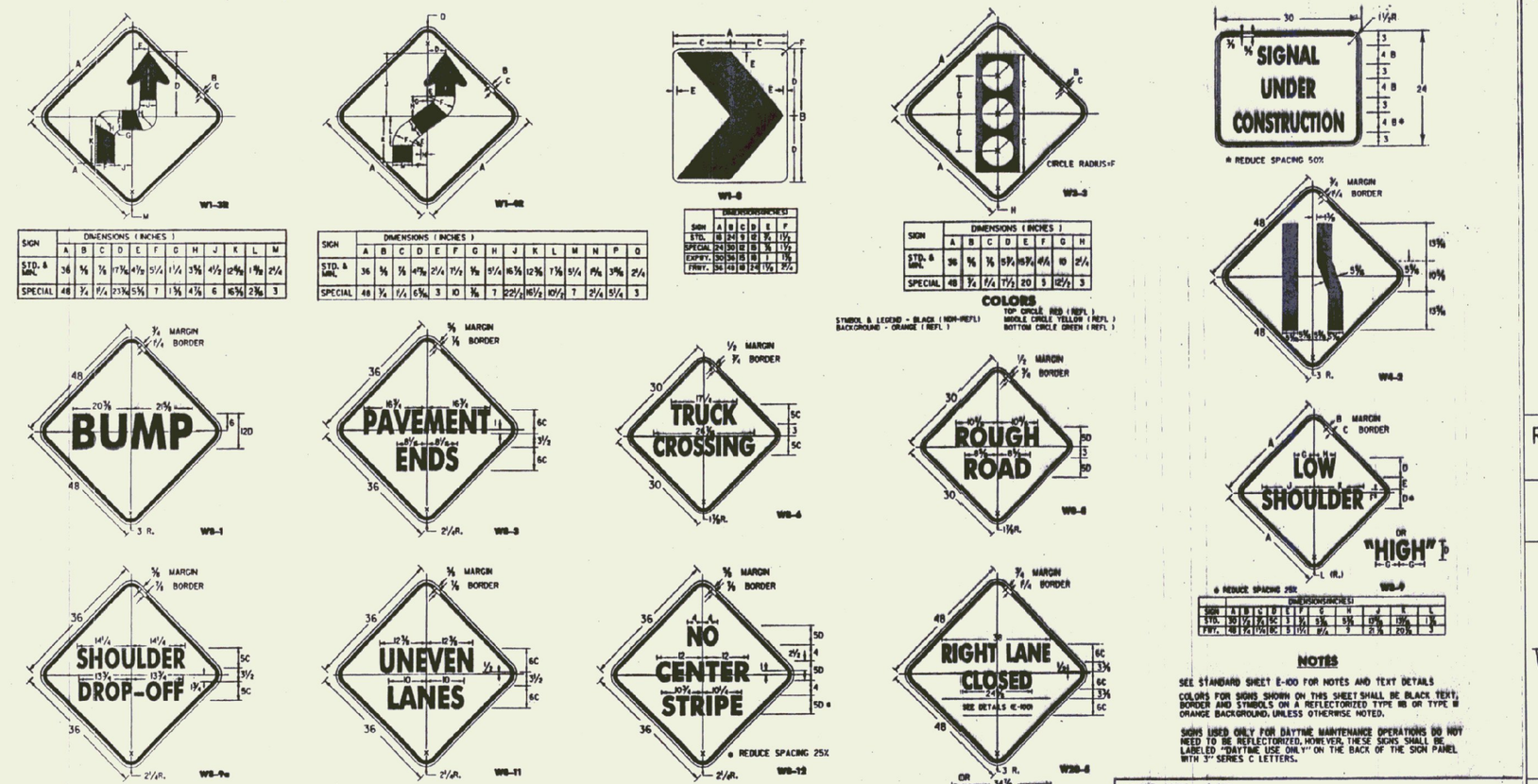
APPROVED
DIRECTOR OF ENGINEERING
TRAFFIC AND SAFETY ENGINEER

CONSTRUCTION SIGN DETAILS

/trof/std/stdw02.dgn : stdw02.i

VERMONT AGENCY OF TRANSPORTATION

STANDARD E-102



SIGN	A	B	C	D	E	F	G	H	J	K	L	M
STD.	36	¾	¾	17¾	4½	5½	1½	3¾	4½	12⅝	1⅞	5½
SPEC.	48	¾	1½	23¾	5¾	7	1⅞	4¾	6	16¾	2⅜	3

SIGN	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
STD.	36	¾	¾	17¾	5½	7½	1⅛	5½	4½	12⅝	1⅞	5½	6⅝	3⅝	5½
SPECIAL	48	¾	1½	23¾	7	10	1⅝	7	6½	16½	2½	7	9½	5¼	3

SIGN	A	B	C	D	E	F
STD.	24	24	12	12	6	12
SPECIAL	36	36	18	18	9	18
SPECIAL	48	48	24	24	12	24

SIGN	A	B	C	D	E	F	G	H
STD.	36	¾	¾	6⅝	4½	6	10	5½
SPECIAL	48	¾	1½	8⅝	6	8	13½	7½

SIGN	A	B	C	D	E	F	G	H
STD.	36	¾	¾	6⅝	4½	6	10	5½
SPECIAL	48	¾	1½	8⅝	6	8	13½	7½

(ALL DIMENSIONS SHOWN IN INCHES)

OTHER STDS. REQUIRED: E-100

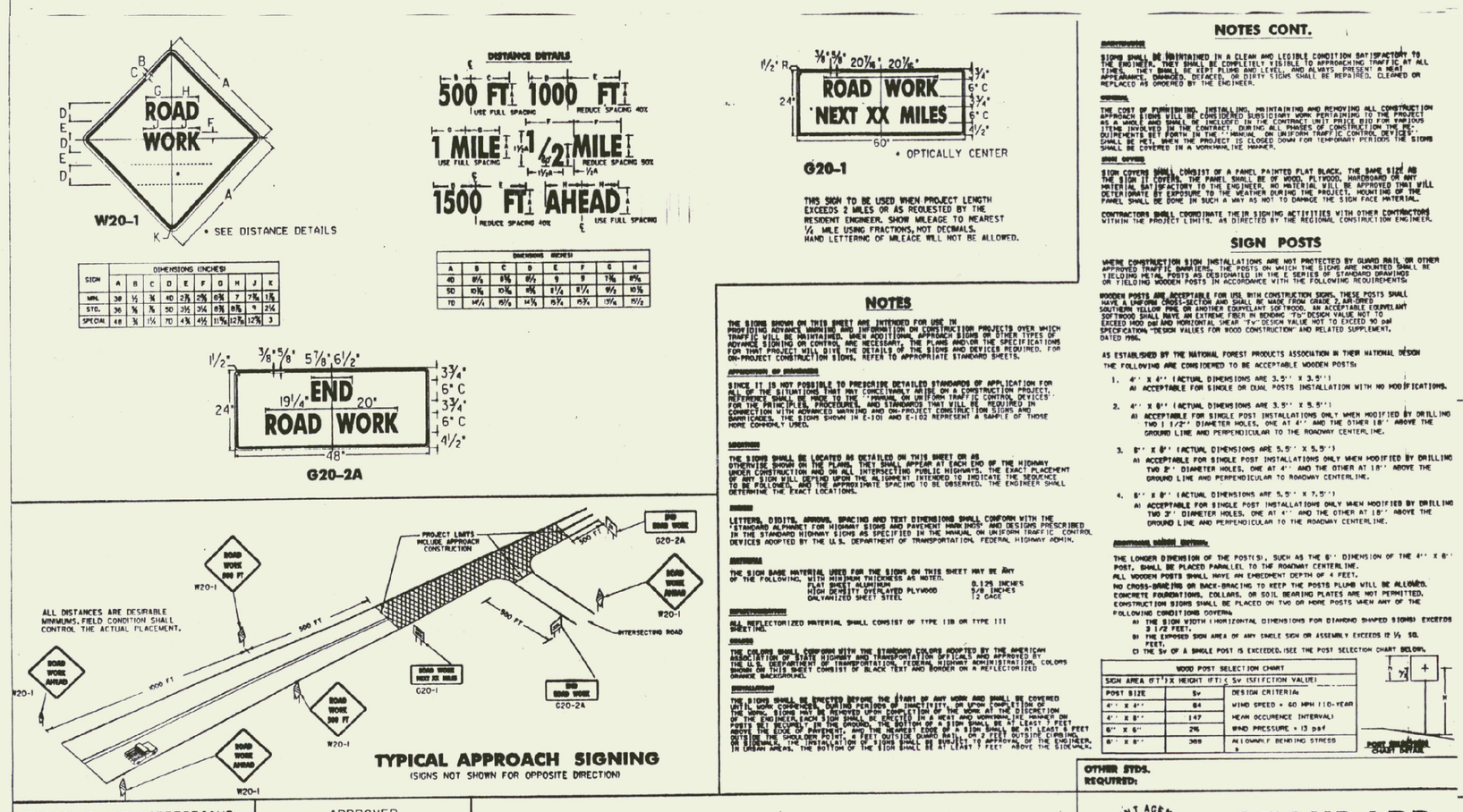
REVISIONS AND CORRECTIONS
OCT. 30, 1987 - DATE OF ORIGINAL ISSUE
OCT. 21, 1992 - ADDED ADDITIONAL SIGN DIMENSIONS, REVISED CHEVRON BACKGROUND TO ORANGE, & REVISED TITLE BLOCK
AUG. 08, 1995 - ADDED AND DELETED VARIOUS SIGN DETAILS
MAR. 10 1997 - REVISED SIGN DETAILS

APPROVED
DIRECTOR OF ENGINEERING

CONSTRUCTION SIGN DETAILS

VERMONT AGENCY OF TRANSPORTATION

STANDARD E-101


ROAD WORK
W20-1
* SEE DISTANCE DETAILS
DISTANCE DETAILS
500 FT. 1000 FT.
USE FULL SPACING
REDUCE SPACING 40%
1 MILE
1/2 MILE
USE FULL SPACING
REDUCE SPACING 50%
1500 FT. AHEAD
REDUCE SPACING 40%
USE FULL SPACING
ROAD WORK NEXT XX MILES
* OPTICALLY CENTER
G20-1
END ROAD WORK
G20-2A
NOTES
THE SIGNS SHOWN ON THIS SHEET ARE INTENDED FOR USE IN PROVIDING ADVANCE WARNING AND INFORMATION ON CONSTRUCTION PROJECTS, EVEN WHEN SIMPLE SIGN SETS ARE CONTEMPLATED, THE ENGINEER SHALL REVIEW THE PLANS AND/OR THE SPECIFICATIONS FOR THE PROJECT TO DETERMINE WHAT SPECIFICATIONS, THE PLANS AND/OR THE SPECIFICATIONS FOR THAT PROJECT WILL SPECIFY THE DETAILS OF THE SIGNS AND DEVICES REQUIRED. FOR ON-PROJECT CONSTRUCTION SIGNS, REFER TO APPROPRIATE STANDARDS SHEETS.
APPLICATION OF SIGNS/DEVICES
SINCE IT IS NOT POSSIBLE TO PRESCRIBE DETAILED STANDARDS OF APPLICATION FOR EVERY SITUATION, THE ENGINEER SHALL DEVELOP A SIGNING PLAN FOR CONSTRUCTION PROJECTS REFLECTING ADEQUATE USE OF THE COMMON, OR UNIFORM TRAFFIC CONTROL DEVICES FOR THE PRINCIPLES, PROCEDURES, AND STANDARDS THAT WILL BE REQUIRED IN CONNECTION WITH THE PROJECT. THE ENGINEER SHALL ADJUST THE SIGNING PLAN TO ACCOMMODATE THE SIGNS SHOWN IN E-101 AND E-102 REPRESENT A SAMPLE OF THOSE MORE COMMON, TYPES.
LOCATION
THE SIGNS SHALL BE LOCATED AS DETAILED ON THIS SHEET OR AS INDICATED ON THE PLANS. THE SIGNS SHALL APPEAR AT EACH END OF THE HIGHWAY WORK CONSTRUCTION, AT ALL INTERMEDIATE INTERSECTIONS, AND AT THE EXACT PLACEMENT OF ANY SIGN (S) DETAILED UPON THE ALIGNMENT INTENDED TO INDICATE THE SEQUENCE OF SIGNS. THE INTERMEDIATE SPACING TO BE OBSERVED, THE ENGINEER SHALL DETERMINE THE EXACT LOCATIONS.
COLORS
LETTERS, BORDER, ARROWS, SPACING AND TEXT DIMENSIONS SHALL CONFORM WITH THE "STANDARD ALPHABET FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" AND DESIGNS PRESCRIBED IN THE STANDARD HIGHWAY SIGNS AS SPECIFIED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ADOPTED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMIN.
MATERIAL
THE SIGNS SHOWN ON THIS SHEET ARE FOR USE ON THIS SHEET MAY BE ANY OF THE FOLLOWING: FULL SHEET ALUMINUM, 0.063 INCHES THICK, 24 INCHES HIGH DENSITY EXPANDED PLYWOOD 0.4 INCHES OALVANIZED SHEET STEEL 12 GAGE
REFLECTIVITY
ALL REFLECTORIZED MATERIAL SHALL CONSIST OF TYPE I OR OR TYPE III SHEETING.
FONTS
THE FONTS WILL CONFORM WITH THE STANDARDS FONTS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS. WHEN APPLICABLE, THE COLORS SHALL BE THOSE SHOWN ON THE DETAILS. THE TEXT AND BORDER ON A REFLECTIVELY ORANGE BACKGROUND.
INSTALLATION
SIGNS SHOULD BE ERECTED BEFORE THE START OF ANY WORK AND SHALL BE COVERED WHEN WORK IS NOT BEING PERFORMED. THE PROJECT IDENTIFICATION SIGN SHOULD BE ERECTED AT THE BEGINNING OF THE PROJECT. THE SIGNS SHOULD BE MOUNTED ON WOOD POSTS OR ON PORTABLE STANDARDS. THE BOTTOM OF THE SIGNS SHALL BE AT LEAST 7 FEET ABOVE THE PAVEMENT WHERE SIGNS ARE PLACED ALONG A WORK ZONE WHERE PEDESTRIANS OR BICYCLISTS MAY BE PRESENT. THE BOTTOM OF THE SIGNS SHALL BE AT LEAST 5 FEET ABOVE THE PAVEMENT WHERE SIGNS ARE PLACED ALONG A WORK ZONE WHERE PEDESTRIANS OR BICYCLISTS ARE NOT PRESENT. THE BOTTOM OF THE SIGNS SHALL BE AT LEAST 7 FEET ABOVE THE PAVEMENT WHERE SIGNS ARE PLACED ALONG A WORK ZONE WHERE PEDESTRIANS OR BICYCLISTS ARE NOT PRESENT.
NOTES CONT.
MAINTENANCE
SIGNS SHALL BE MAINTAINED IN A CLEAN AND LEGIBLE CONDITION SATISFACTORY TO THE ENGINEER. SIGNS SHALL BE COMPLETELY REPLACED WHEN DAMAGED OR DEFACED. ALL SIGNS SHALL BE REPLACED AT THE END OF THE PROJECT IF THE REMAINING SIGNS ARE NOT IN GOOD CONDITION. SIGNS SHALL BE REPAIRED, CLEANED OR REPLACED AS ORDERED BY THE ENGINEER.
PAYMENT
THE COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING ALL CONSTRUCTION SIGNS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE PROJECT AS A WHOLE. THE COST OF THE CHANGEABLE MESSAGE SIGNS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR MAINTENANCE OF TRAFFIC. THE CHANGEABLE MESSAGE SIGNS SHALL BE PAID, WHEN THE PROJECT IS CLOSED DOWN FOR TEMPORARY PERIODS, THE SIGNS SHALL BE COVERED IN A WORKMANLIKE MANNER.
SIGN DETAILS
SIGN SHALL CONSIST OF A PANEL PAINTED FLAT BLACK. THE SAME SIZE AND THE SIGN IT COVERS. THE PANEL SHALL BE OF WOOD, PLYWOOD, MEDIUM DENSITY OVERLAY, OR SHEET METAL. THE PANEL SHALL BE FIRMLY ATTACHED TO THE SIGN SO THAT IT WILL NOT BLOW OFF OR SHIFT IN THE WIND. THE SIGN SHALL BE FREE, MOVING OF THE DETACHMENT OF THE PANEL BY WIND OR SUN IN WAY AS NOT TO DAMAGE THE SIGN FACE MATERIAL. PANEL SHALL BE FREE OF DENTS.
CONTRACTORS SHALL COORDINATE THEIR SIGNING ACTIVITIES WITH OTHER CONTRACTORS WITHIN THE PROJECT LIMITS, AS DIRECTED BY THE ENGINEER. THE CONSTRUCTION ENGINEER.
SIGN POSTS
WHERE CONSTRUCTION SIGN INSTALLATIONS ARE NOT PROTECTED BY GUARD RAIL OR OTHER APPROVED TRAFFIC BARRIERS, THE POSTS ON WHICH THE SIGNS ARE MOUNTED, BE INCLUDING METAL POSTS AS DESIGNATED IN THE E SERIES OF STANDARD DRAWINGS OR FOLDING WOODEN POSTS IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
WOODEN POSTS ARE ACCEPTABLE FOR USE WITH CONSTRUCTION SIGNS. THESE POSTS SHALL HAVE A SMOOTH TRANSITION AND SHALL BE MADE FROM GRADE 2, AIR-DRIED, SOUTHERN YELLOW PINE OR ANOTHER EQUIVALENT SOFTWOOD. AN ACCEPTABLE EQUIVALENT SOFTWOOD SHALL HAVE A MODULUS OF RUPTURE IN BENDING PARALLEL TO GRAIN EXCEED 9000 PSI AND HORIZONTAL SHEAR PARALLEL TO GRAIN VALUE NOT TO EXCEED 90 psi SPECIFICATION "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.
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 18" ABOVE THE GROUND LINE AND PERPENDICULAR TO THE ROADWAY CENTERLINE.
3. 6" X 8" (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.
4. 8" X 8" (ACTUAL DIMENSIONS ARE 5.5" X 7.5")
   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 THE ROADWAY CENTERLINE.
ADDITIONAL WOODEN DETAILS
THE LONGER DIMENSION OF THE POSTS, SUCH AS THE 8" DIMENSION OF THE 4" X 8" POST, SHALL BE PLACED PARALLEL TO THE ROADWAY SYSTEM.
ALL WOODEN POSTS SHALL HAVE AN EMBEDMENT DEPTH OF 4 FEET.
NO CROSS-BRACING OR BACK-BRACING TO REDUCE THE POST 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 COVERN:
   a) THE SIGN WIDTH (HORIZONTAL DIMENSIONS FOR DIAMOND SHAPED SIGNS) EXCEEDS 3 1/2 FEET.
   b) THE EXPOSED SIGN AREA OF ANY SINGLE SIGN OR ASSEMBLY EXCEEDS 12 SQ. FT.
   c) THE SIZE OF A SINGLE POST IS EXCEEDED. (SEE THE POST SELECTION CHART BELOW).

WOOD POST SELECTION CHART	
SIGN AREA (FT²) X HEIGHT (FT) = SA (SUFFICIENT VALUE)	
POST SIZE	SA
4" X 4"	84
4" X 6"	147
6" X 6"	216
6" X 8"	369

DESIGN CRITERIA	
WIND SPEED = 60 MPH (10-YEAR MEAN OCCURENCE INTERVAL)	
WIND PRESSURE = 13 psf	
ALLOWABLE BENDING STRESS =	

POST DIMENSIONS CHART DETAIL

OTHER STDS. REQUIRED:

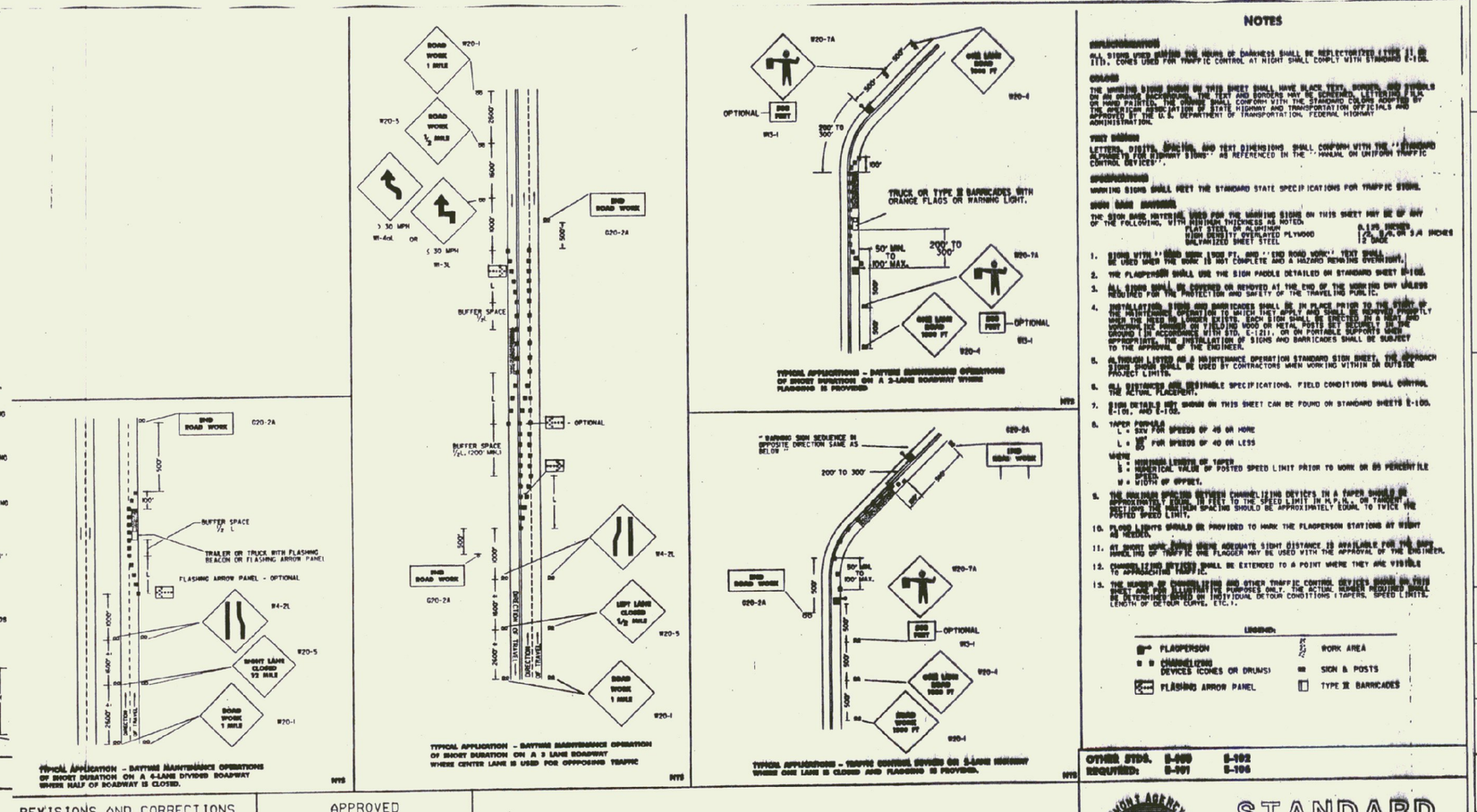
REVISIONS AND CORRECTIONS
MAY 26, 1989 - DATE OF ORIGINAL ISSUE
OCT 21, 1992 - REVISED WOOD POST REQUIREMENTS, ADDED SIGN DETAILS, & REVISED TITLE BLOCK
AUG 08, 1995 - MINOR NOTE REVISIONS
JAN 09, 1997 - MINOR NOTE AND DIMENSION REVISIONS

APPROVED
DIRECTOR OF ENGINEERING

CONSTRUCTION APPROACH SIGNS

VERMONT AGENCY OF TRANSPORTATION

STANDARD E-100



NOTES

GENERAL REQUIREMENTS
ALL WORKING SIGNS DURING THE HOURS OF DARKNESS SHALL BE REFLECTORIZED (LISTED IN E-100). COLOR CODE FOR MAJOR TRAFFIC CONTROL AT NIGHT SHALL COMPLY WITH STANDARDS.
GROUND
THE WORKING SIGNS SHOWN ON THIS SHEET SHALL HAVE BLACK LEGEND, BORDER AND SYMBOLS ON AN ORANGE REFLECTORIZED BACKGROUND. ALL SIGNS SHALL BE OF AN APPROVED REFLECTIVE TYPE THAT WILL COMPLY WITH THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.
TEXT DESIGN
LETTERS, WORDS, SPACING, AND TEXT DIMENSIONS SHALL CONFORM WITH THE "STANDARD ALPHABET FOR HIGHWAY SIGNS" AS REFERENCED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
CONSTRUCTION
WORKING SIGNS SHALL MEET THE STANDARD STATE SPECIFICATIONS FOR TRAFFIC SIGNS.
SIGN SIZE DEVIATIONS
THE SIGN SIZE DEVIATIONS SHOWN FOR THE WORKING SIGNS ON THIS SHEET MAY BE OF ANY OF THE FOLLOWING, WITHIN THE SPECIFICATIONS:
   SIGN SIZE: 24 INCHES
   SIGN MATERIAL: ALUMINUM PLYWOOD
   GALVANIZED SHEET STEEL
   0.4 INCHES
   12 GAGE
1. SIGNS WITH 1" SIGN SIZE 1 MILE, 1/2 MILE, 1 MILE, 1500' TEXT SIGNS.
2. THE FLAGPERSON SIGN USE THE SIGN PADDLE DETAILED ON STANDARD SHEET E-100.
3. ALL SIGNS SHALL BE MOUNTED ON SUPPORTS AT THE TOP OF THE SIGN AT LEAST 7 FEET ABOVE THE PAVEMENT WHERE SIGNS ARE PLACED ALONG A WORK ZONE WHERE PEDESTRIANS OR BICYCLISTS MAY BE PRESENT. THE BOTTOM OF THE SIGNS SHALL BE AT LEAST 5 FEET ABOVE THE PAVEMENT WHERE SIGNS ARE PLACED ALONG A WORK ZONE WHERE PEDESTRIANS OR BICYCLISTS ARE NOT PRESENT. THE BOTTOM OF THE SIGNS SHALL BE AT LEAST 7 FEET ABOVE THE PAVEMENT WHERE SIGNS ARE PLACED ALONG A WORK ZONE WHERE PEDESTRIANS OR BICYCLISTS ARE NOT PRESENT.
4. ALL SIGNS SHALL BE MOUNTED ON WOOD POSTS OR ON PORTABLE STANDARDS. THE BOTTOM OF THE SIGNS SHALL BE AT LEAST 7 FEET ABOVE THE PAVEMENT WHERE SIGNS ARE PLACED ALONG A WORK ZONE WHERE PEDESTRIANS OR BICYCLISTS ARE NOT PRESENT. THE BOTTOM OF THE SIGNS SHALL BE AT LEAST 5 FEET ABOVE THE PAVEMENT WHERE SIGNS ARE PLACED ALONG A WORK ZONE WHERE PEDESTRIANS OR BICYCLISTS ARE NOT PRESENT.
5. FLASHING LIGHTS SHALL BE USED BY CONTRACTORS WHEN WORKING WITHIN ON ROADWAY PROJECT LIMITS.
6. ALL REFLECTORS ARE DESIRABLE SPECIFICATIONS. FIELD CONDITIONS SHALL CONTROL THE ACTUAL PLACEMENT.
7. SIGNS DETAILED FOR USE SHOWN ON THIS SHEET CAN BE FOUND ON STANDARD SHEETS E-100, E-101, AND E-102.
8. TAPER LENGTHS
   L = 50' FOR SPEEDS OF 45 OR MORE
   L = 30' FOR SPEEDS OF 40 OR LESS
   WHERE
   L = MINIMUM LENGTH OF TAPER
   S = HORIZONTAL VALUE OF POSTED SPEED LIMIT PRIOR TO WORK OR 85 PERCENTILE
   W = WIDTH OF OFFSET.
9. THE FOLLOWING OPTIONS ON TEMPORARY CHANGE-LINE DEVICES IN A TAPER SHOULD BE CONSIDERED: (1) THE DEVICE SHOULD BE SPACED AT 1/2 THE LENGTH OF THE TAPER, (2) THE DEVICE SHOULD BE SPACED AT 1/3 THE LENGTH OF THE TAPER, (3) THE DEVICE SHOULD BE SPACED AT 1/4 THE LENGTH OF THE TAPER.
10. FLAG LIGHTS SHOULD BE PROVIDED TO MARK THE FLAGPERSON STATIONS AT NIGHT OR DARK.
11. AT NIGHT, WHEN SIGNS WITH ADEQUATE SIGHT DISTANCE IS AVAILABLE FOR THE SIGNS, ADDITIONAL OF TRAFFIC ONE FLAGGER MAY BE USED WITH THE APPROVAL OF THE ENGINEER.
12. CONSTRUCTION SIGNS SHALL BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE.
13. THE SIGNS SHOWN ON THIS SHEET ARE INTENDED FOR USE IN PROVIDING ADVANCE WARNING AND INFORMATION ON CONSTRUCTION PROJECTS. EVEN WHEN SIMPLE SIGN SETS ARE CONTEMPLATED, THE ENGINEER SHALL REVIEW THE PLANS AND/OR THE SPECIFICATIONS FOR THE PROJECT TO DETERMINE WHAT SPECIFICATIONS, THE PLANS AND/OR THE SPECIFICATIONS FOR THAT PROJECT WILL SPECIFY THE DETAILS OF THE SIGNS AND DEVICES REQUIRED. FOR ON-PROJECT CONSTRUCTION SIGNS, REFER TO APPROPRIATE STANDARDS SHEETS.
14. SIGNS DETAILED ON THIS SHEET ARE INTENDED FOR USE ONLY WHEN THE ENGINEER DETERMINES THAT THE SIGNS ARE NECESSARY. THE ENGINEER SHALL DETERMINE THE EXACT LOCATIONS.
15. THE SIGNS SHOWN ON THIS SHEET ARE INTENDED FOR USE ON THIS SHEET MAY BE ANY OF THE FOLLOWING: FULL SHEET ALUMINUM, 0.063 INCHES THICK, 24 INCHES HIGH DENSITY EXPANDED PLYWOOD 0.4 INCHES GALVANIZED SHEET STEEL 12 GAGE

LEGEND
FLAGPERSON
CONSTRUCTION DEVICES (CONES OR DRUMS)
FLASHING ARROW PANEL
WORK AREA
SIGN & POSTS
TYPE III BARRICADES

OTHER STDS. REQUIRED: E-100 E-101 E-102 E-109 E-110

REVISIONS AND CORRECTIONS
SEPT 10, 1987 - DATE OF ORIGINAL ISSUE
MAR 01, 1988 - FHWA REVIEW COMMENTS
SEP 20, 1993 - REVISED NOTES & MISC. DETAILS
AUG 08, 1995 - DELETED SIGN DETAILS

APPROVED FOR THE PROJECT AND/OR DESIGN IMPLEMENTATION

APPROVED
DIRECTOR OF ENGINEERING
TRAFFIC AND SAFETY ENGINEER

MAJOR MAINTENANCE OPERATION LANE CLOSURE

VERMONT AGENCY OF TRANSPORTATION

STANDARD E-110

REVISIONS:

RELEASED: AUGUST 1999

ISSUED FOR CONSTRUCTION

FAIR HAVEN WELCOME CENTER

FAIRHAVEN, VERMONT

THESE PLANS ARE FOR THIS PROJECT ONLY AND ARE NOT FOR REUSE ON THIS PROJECT OR ANY OTHER PROJECT WITHOUT WRITTEN CONSENT OF ENMAN ENGINEERING, P.C.

Enman Engineering
Environmental ▪ Civil ▪ Sanitary
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Rutland, Vermont 05701
(802)775-3437

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REGULATORY APPROVAL STAMP

A.O.T. TRAFFIC CONTROL DETAILS

SCALE:	AS NOTED
DATE:	08/20/99
DESIGN BY:	BJE/TNT
DRAWN BY:	JBT/JPL
SHEET NO:	9 OF 9
PROJECT NO:	9816

NOTE:
CONTRACTOR TO PAY FOR AND PROVIDE ALL NESSARY EQUIPMENT AND PERSONELL TO IMPLIMENT THE UNIFORM TRAFFIC CONTROL DETAILS ON THIS SHEET.