

NOTES:

REFLECTORIZATON

ALL SIGNS USED DURING THE HOURS OF DARKNESS SHALL BE REFLECTORIZED. CONES USED FOR TRAFFIC CONTROL AT NIGHT SHALL HAVE A MINIMUM 6" WIDE WHITE REFLECTORIZED BAND PLACED A MAXIMUM OF 3" FROM THE TOP, AND A 4" WIDE REFLECTORIZED BAND PLACED 2" BELOW THE 6" BAND.

COLORS

THE WARNING SIGNS SHOWN ON THIS SHEET SHALL HAVE BLACK TEXT, BORDER, AND SYMBOLS ON AN ORANGE BACKGROUND. THE TEXT AND BORDERS MAY BE SCREENED, LETTERING FILM, OR HAND PAINTED. THE ORANGE SHALL CONFORM WITH THE STANDARD COLORS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS AND APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.

TEXT DESIGN

LETTERS, DIGITS, SPACING, AND TEXT DIMENSIONS SHALL CONFORM WITH THE 'STANDARD ALPHABETS FOR HIGHWAY SIGNS' AS REFERENCED IN THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES'.

SPECIFICATIONS

WARNING SIGNS SHALL MEET THE STANDARD STATE SPECIFICATIONS FOR TRAFFIC SIGNS.

SIGN BASE MATERIAL

THE SIGN BASE MATERIAL USED FOR THE WARNING SIGNS ON THIS SHEET MAY BE OF ANY OF THE FOLLOWING, WITH MINIMUM THICKNESS AS NOTED:

FLAT SHEET ALUMINUM	0.025 INCHES
HIGH DENSITY OVERLAYED PLYWOOD	3/4 INCHES
GALVANIZED SHEET STEEL	12 GAUGE

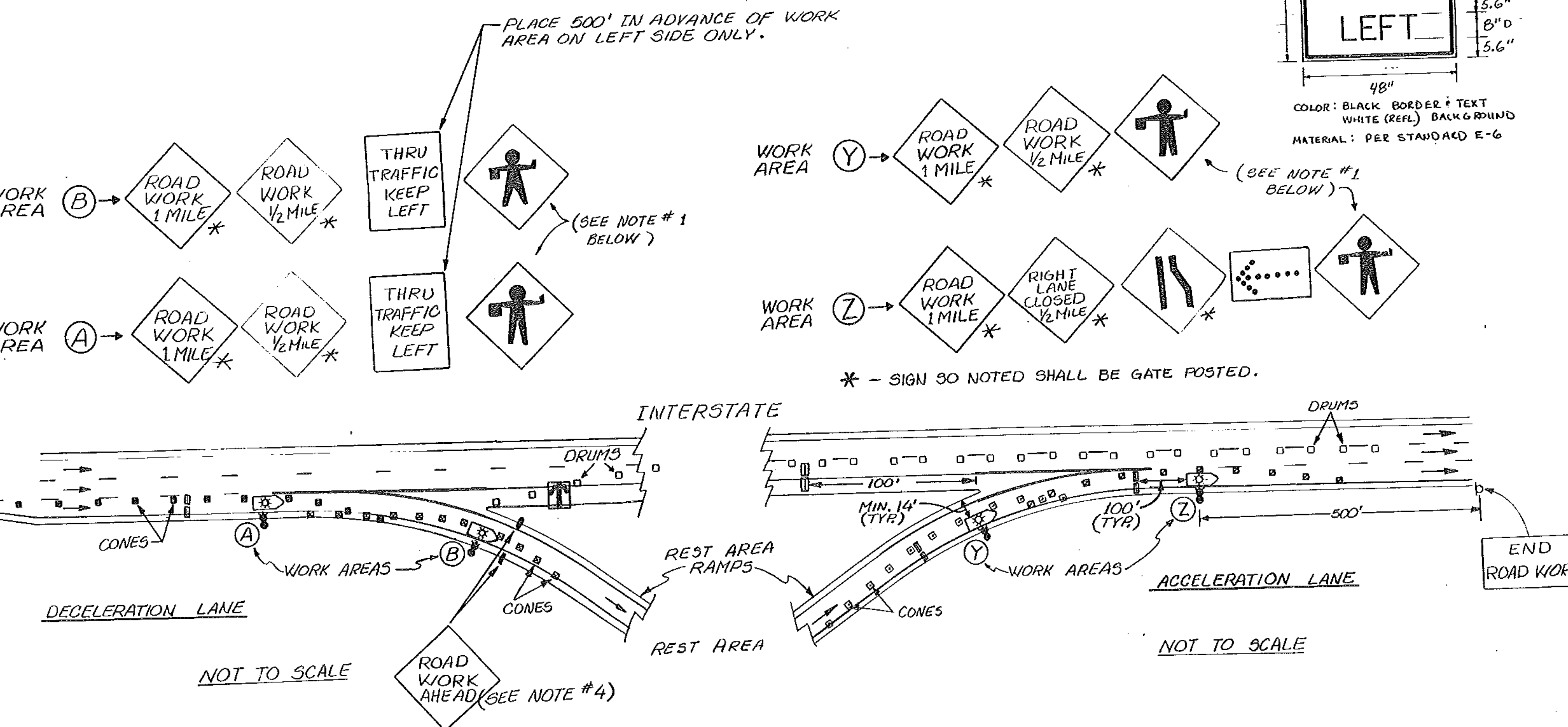
1. FLAGPERSON SHALL USE THE SIGN PADDLE DETAIL ON STANDARD SHEET E-102.
2. ALL SIGNS SHALL BE COVERED OR REMOVED AT THE END OF THE WORKING DAY UNLESS REQUIRED FOR THE PROTECTION AND SAFETY OF THE TRAVELING PUBLIC.
3. INSTALLATION SIGNS AND BARRICADES SHALL BE IN PLACE PRIOR TO THE START OF THE MAINTENANCE OPERATION TO WHICH THEY APPLY AND SHALL BE REMOVED PROMPTLY WHEN THE NEED NO LONGER EXISTS. EACH SIGN SHALL BE ERECTED IN A NEAT AND WORKMANLIKE MANNER ON WOOD OR METAL POSTS SET SECURELY IN THE GROUND, OR ON PORTABLE SUPPORTS FOR TEMPORARY USE, OR ON BARRICADES WHEN APPROPRIATE. AS A GENERAL RULE, ROADSIDE SIGNS SHALL BE 6 FEET ABOVE ROAD LEVEL WITH THE NEAREST EDGE AT LEAST 6 FEET OUTSIDE THE SHOULDER POINT. THE INSTALLATION OF SIGNS AND BARRICADES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
4. ALL DISTANCES ARE DESIRABLE SPECIFICATIONS. FIELD CONDITION SHALL CONTROL THE ACTUAL PLACEMENT.
5. SIGN DETAILS NOT SHOWN ON THIS SHEET CAN BE FOUND ON STANDARD SHEETS E-101, E-102, E-106, E-107, E-110, E-1100.
6. TAPER FORMULA
 $L = \frac{WS}{60}$ FOR SPEEDS OF 45 OR MORE.
 $L = \frac{WS}{60}$ FOR SPEEDS OF 40 OR LESS.
 WHERE:
 L = MINIMUM LENGTH OF TAPER.
 S = NUMERICAL VALUE OF POSTED SPEED LIMIT PRIOR TO WORK OR 85 PERCENTILE SPEED.
 W = WIDTH OF OFFSET.
7. THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED IN M.P.H.
8. IF ENTIRE WORK AREA IS VISIBLE FROM ONE STATION, A SINGLE FLAGPERSON MAY BE USED.
9. CHANNELIZING DEVICES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
10. WHEN THE WORK AREA IS COMPLETELY WITHIN THE REST AREA, CONES MAY BE USED AS THE CHANNELIZING DEVICE. CONES MAY ALSO BE USED AS THE CHANNELIZING DEVICE FOR WORK AREAS A, B, AND Y. HOWEVER, DRUMS SHALL BE USED AS THE CHANNELIZING DEVICE FOR WORK AREA Z, WITH LANE CLOSURE.
11. IF FOR SOME REASON THE PAVED AREA (B) WITHIN THE REST AREA HAVE TO BE EXCAVATED FOR THE PLACEMENT OF UNDERGROUND ELECTRICAL CIRCUITS, TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.
12. A MINIMUM TRAVEL WIDTH OF 14' FEET SHALL BE MAINTAINED IN ALL WORK AREAS.

KEY:

- FLAGPERSON
- CHANNELIZING DEVICES
- FLASHING ARROW PANEL
- WORK AREA TRUCK W/ FLASHING LIGHT
- STREET LIGHT

TRAFFIC
CONTROL
SHEET

PREPARED BY R. DAVIS DATE 7-88
 CHECKED BY DATE
 DESIGN SUPERVISOR DATE
 PROJ.
 STATEWIDE IR LITE (2)
 TRAFFIC SHEET NO. 7 OF 7
 SHEET 7 OF 18 SHEETS



NOTES

1. FLAGPERSONS SHALL BE USED AT THE DISCRETION OF THE RESIDENT ENGINEER.
2. FOR SIGN PLACEMENT AND SPACING REFER TO STANDARD SHEET E-110.
3. WORK IN WORK AREAS A, AND/OR B & Z SHALL NOT OCCUR AT THE SAME TIME.
4. TWO PORTABLE SIGNS, ROAD WORK AHEAD, SHALL BE GATE POSTED NEAR THE BEGINNING OF THE ENTRANCE RAMP FOR ALL WORK DONE WITHIN THE REST AREA.
5. ALL SIGNS FOR THIS PROJECT MAY BE PORTABLE.

- CONES, WORK AREA Y
- DRUMS, WORK AREA Z
- CONES, WORK AREA Z
- TYPE III BARRICADES, ALL ZONES.

- CONES, WORK AREA A
- CONES, WORK AREA B
- DRUMS, WORK AREA Z