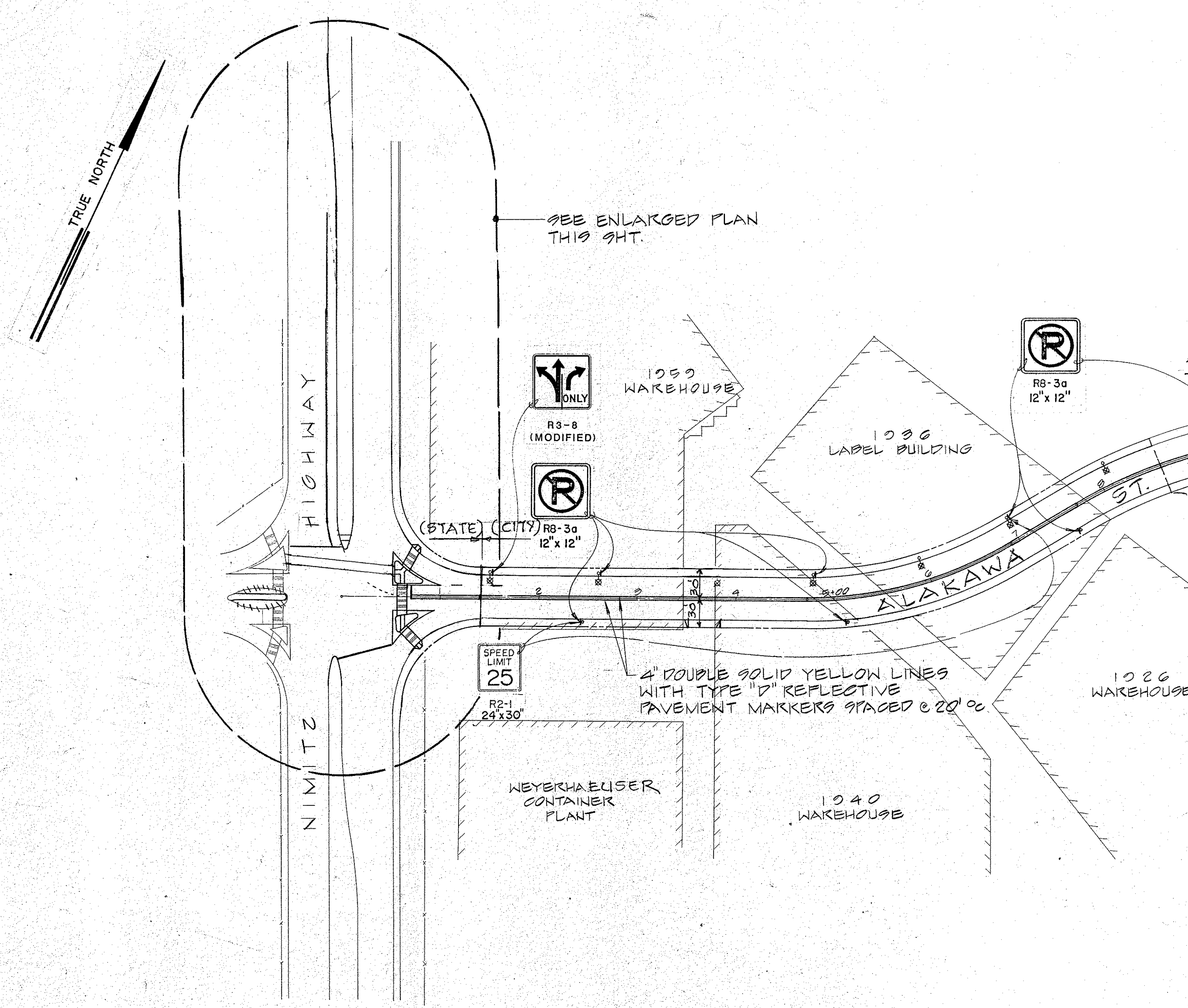
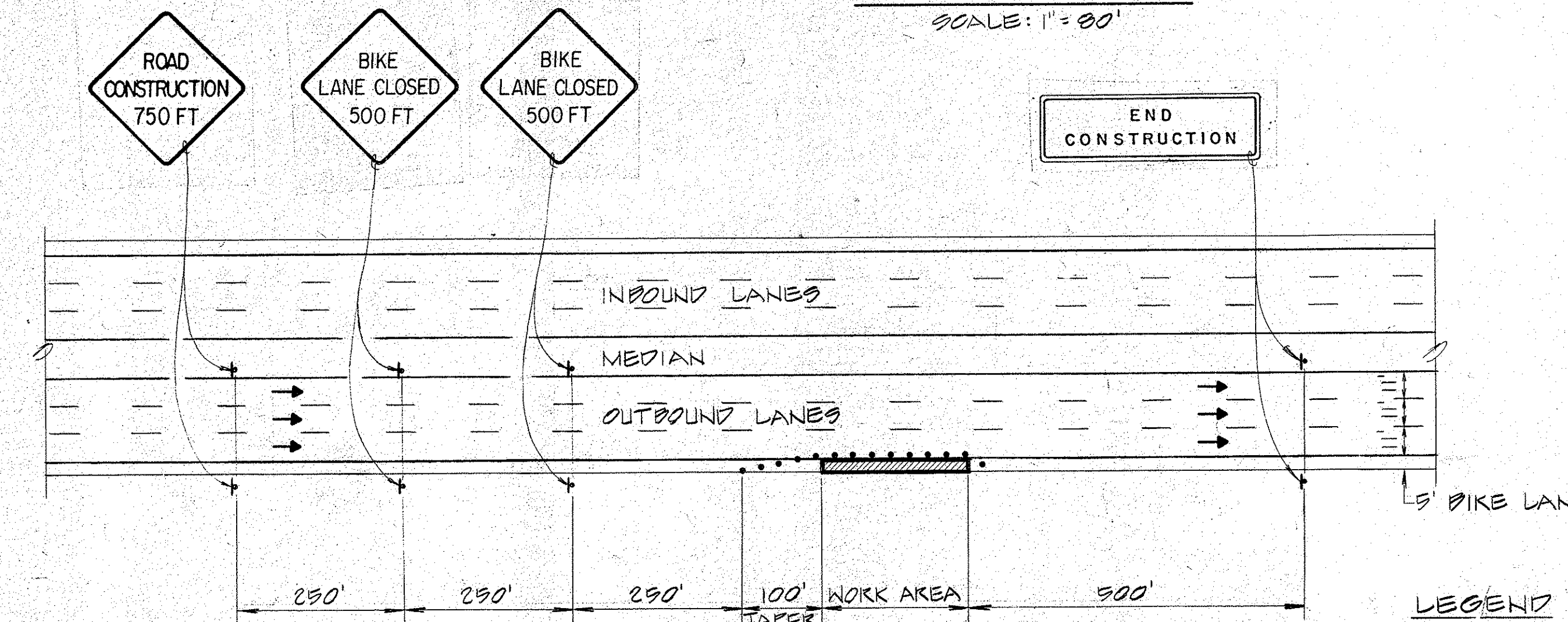


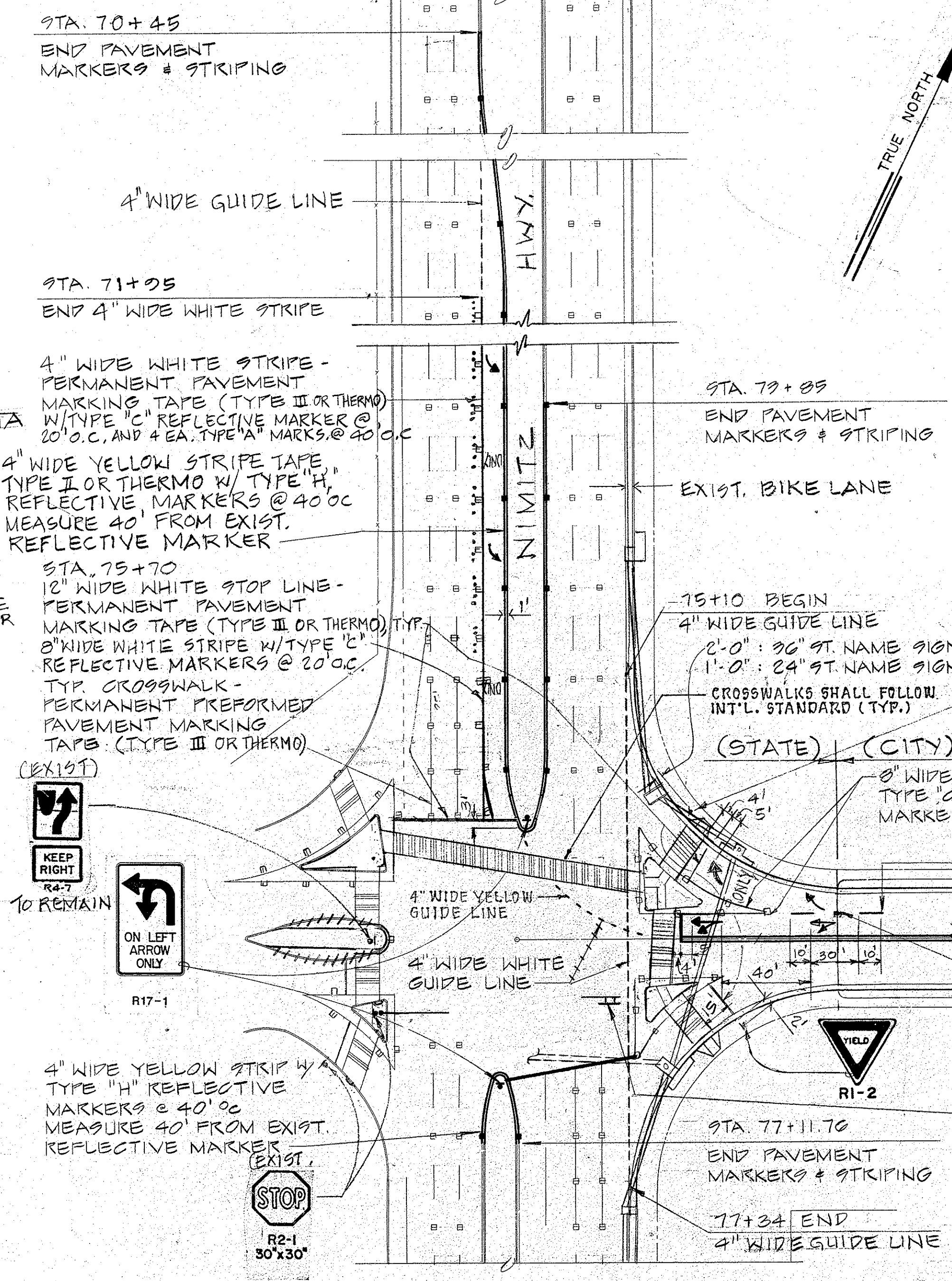


PLAN
SCALE: 1" = 80'

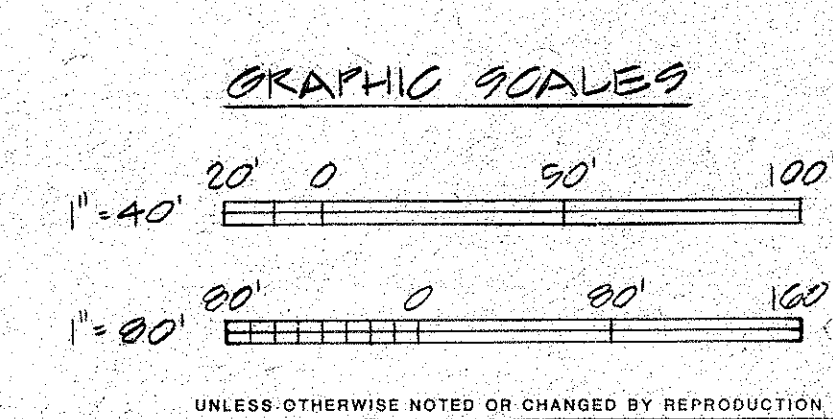
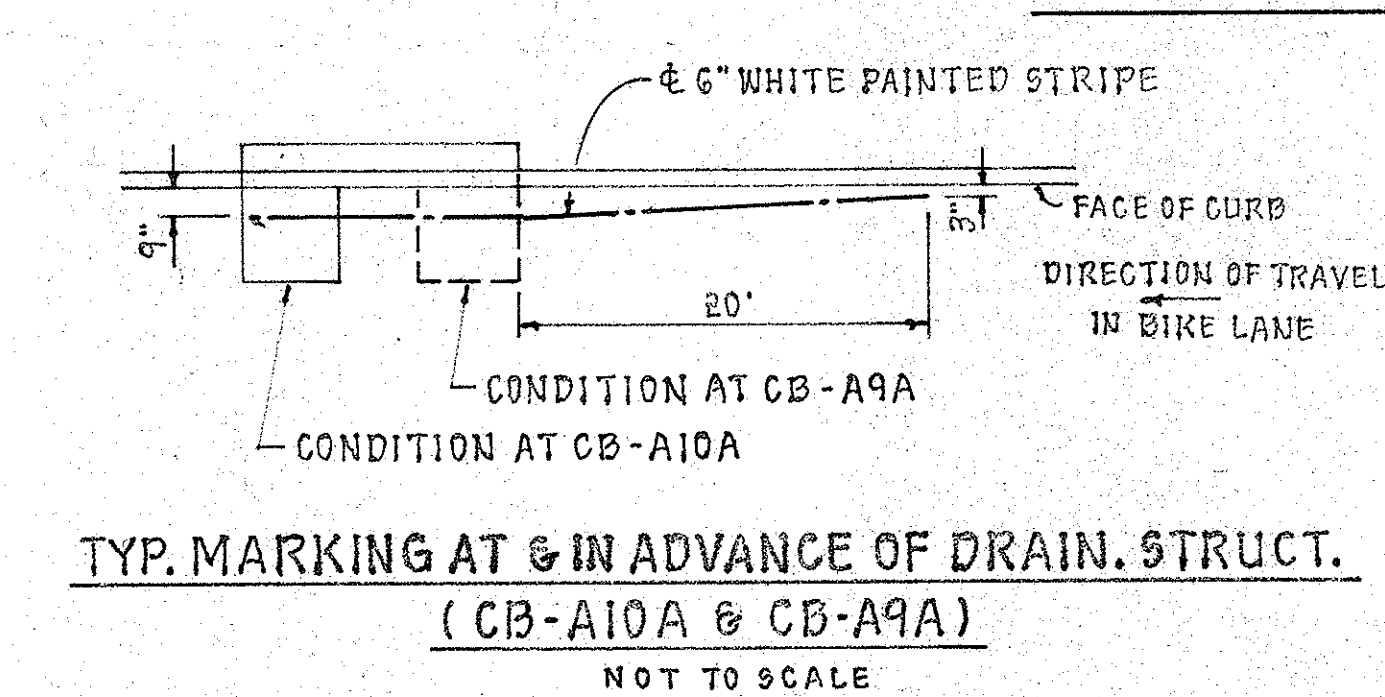


TYP. TRAFFIC CONTROL PLAN
NO SCALE

- LEGEND**
- 1 SIGN
 - CONE OR DELINEATOR SPACED @ 25' OC
 - DIRECTION OF TRAFFIC

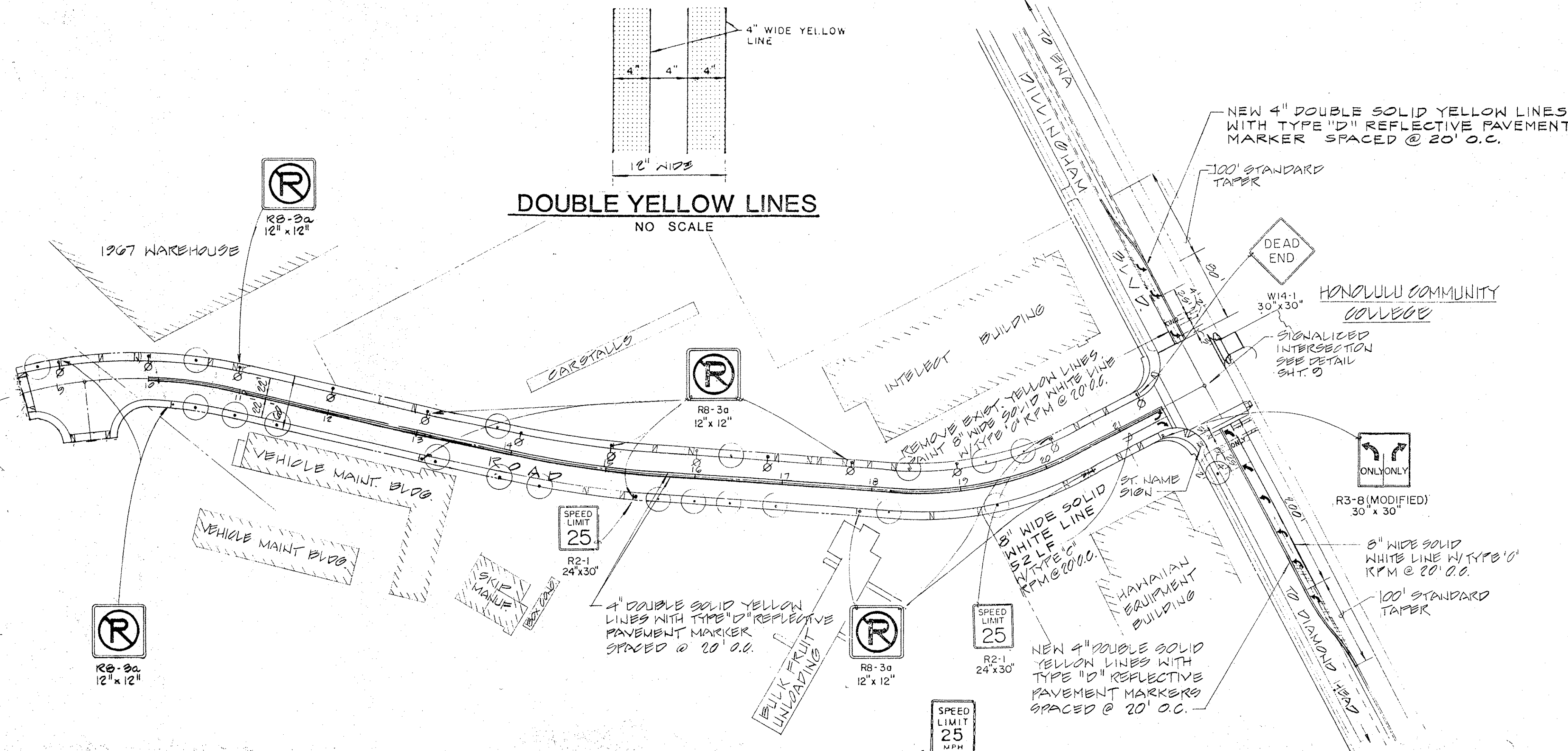
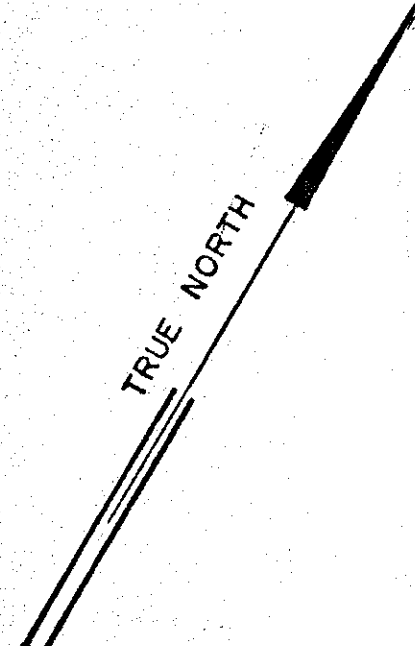


ENLARGED PLAN
SCALE: 1" = 40'



NOTE:
REMOVE EXIST. STOP BAR, CROSSWALKS & LANE MARKINGS AS REQUIRED.

		M & E PACIFIC, INC. ENGINEERS & ARCHITECTS HONOLULU, HAWAII	
DOLE (WILEI) CANNERY ALAKAWA ST. EXTENSION HONOLULU, HAWAII		TRAFFIC SIGNS & PAVEMENT MARKING PLANS	
DRAWN BY: <u>G.F.</u> ENGINEER: <u>P.I.</u>		APPROVED BY: <u>Paul A. P. 16</u> Date: <u>3/23/95</u>	
THIS WORK WAS DONE BY ME OR UNDER MY SUPERVISION		Chief, Traffic Engineering Division, DB (For Construction Within City ROW Only)	

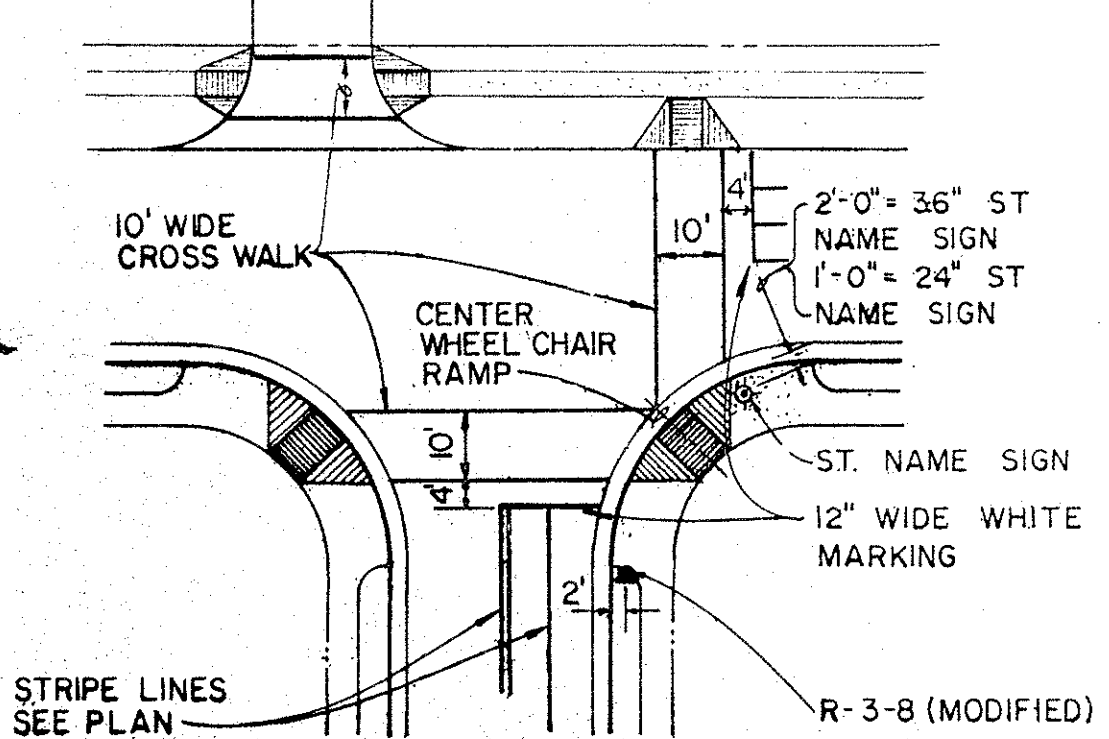


TRAFFIC NOTES

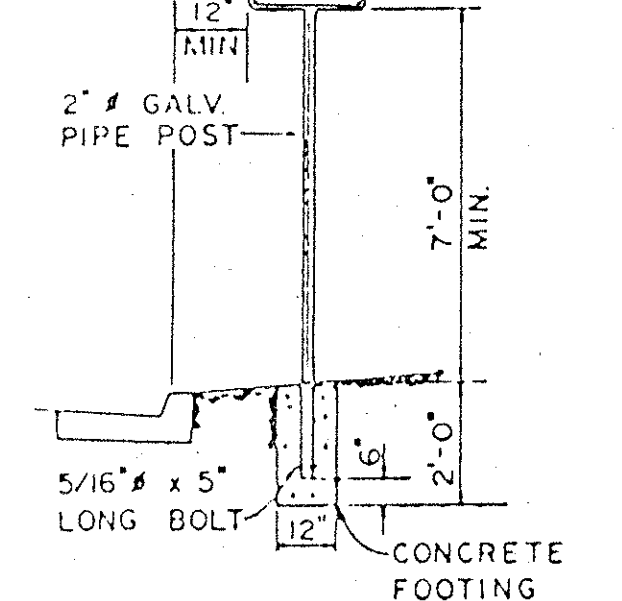
1. A PERMIT SHALL BE OBTAINED FROM THE DEPARTMENT OF TRANSPORTATION SERVICES BEFORE WORK ON ANY PORTION OF A PUBLIC STREET OR HIGHWAY MAY BEGIN.
2. THE CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN ALL NECESSARY SIGNS AND OTHER PROTECTIVE FACILITIES, WHICH SHALL CONFORM WITH THE "HAWAII ADMINISTRATION RULES GOVERNING THE USE OF TRAFFIC CONTROL DEVICES AT WORK SITES ON OR ADJACENT TO PUBLIC STREETS AND HIGHWAYS" ADOPTED BY THE DIRECTOR OF TRANSPORTATION, AND THE CURRENT U.S. FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, PART VI - TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS."
3. WORK ON ANY CITY STREET MAY BE PERFORMED ONLY BETWEEN THE HOURS OF 8:30 A.M. TO 3:30 P.M., MONDAY THROUGH FRIDAY, UNLESS OTHERWISE PERMITTED BY THE DEPARTMENT OF TRANSPORTATION SERVICES.
4. DURING WORKING HOURS, THE CONTRACTOR SHALL MAINTAIN A ROADWAY SUITABLE FOR ONE LANE OF TRAFFIC WITH FLAGMEN AT BOTH ENDS, ALTERNATING DIRECTION OF TRAFFIC FLOW. DURING NON-WORKING HOURS, ALL TRENCHES SHALL BE COVERED WITH A SAFE NON-SKID BRIDGING MATERIAL.
5. AS REQUIRED BY THE DEPARTMENT OF TRANSPORTATION SERVICES, THE CONTRACTOR SHALL HIRE SPECIAL DUTY POLICE OFFICERS TO CONTROL THE FLOW OF TRAFFIC.
6. THE CONTRACTOR SHALL REPLACE ALL TRAFFIC SIGNS, POSTS AND PAVEMENT MARKINGS DISTURBED DURING THE CONSTRUCTION.
7. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF TRANSPORTATION SERVICES AT 523-4029 ONE WEEK PRIOR TO ANY SIGNING OR STRIPING WORK.
8. WHERE PEDESTRIAN WALKWAYS EXIST, THEY SHALL BE MAINTAINED IN PASSABLE CONDITION OR OTHER FACILITIES FOR PEDESTRIANS SHALL BE PROVIDED. PASSAGE BETWEEN WALKWAYS AT INTERSECTIONS SHALL LIKEWISE BE PROVIDED.
9. CONTRACTOR SHALL REFERENCE, TO THE APPROVAL OF THE DEPARTMENT OF TRANSPORTATION SERVICES, ALL EXISTING TRAFFIC SIGNS, POSTS MARKINGS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNS, POSTS, AND PAVEMENT DISTURBED BY HIS ACTIVITIES.
10. EXISTING STREET LIGHTING, FIRE ALARM AND TRAFFIC SIGNAL FACILITIES SHALL BE MAINTAINED IN OPERATING CONDITION THROUGHOUT THE CONSTRUCTION PROJECT. ALL ADJUSTMENTS REQUIRED ON THESE LINES FOR THE PROPER CONSTRUCTION OF THE PROJECT SHALL BE DONE BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE CITY AND COUNTY OF HONOLULU.
11. THE CONTRACTOR SHALL NOTIFY TRAFFIC SIGNALS SECTION, 523-4961, 72 HOURS PRIOR TO ANY CONSTRUCTION WITHIN ANY SIGNALIZED INTERSECTION.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING TRAFFIC SIGNAL CONDUITS AND LOOP DETECTORS. ALL DAMAGES SHALL BE REPAIRED BY CONTRACTOR. THE COST SHALL BE INCIDENTAL TO THE VARIOUS BID ITEMS.
13. THE CONTRACTOR SHALL NOTIFY MTL, HENRY ONISHI OR KENNETH HONG AT 531-7086, TWO WEEKS PRIOR TO CONSTRUCTION, INFORMING THEM OF LOCATION, SCOPE OF WORK, PROPOSED CLOSURE OF ANY STREET OR TRAFFIC LANES, AND THE NEED TO RELOCATE ANY BUS STOP.
14. DRIVEWAYS SHALL BE KEPT OPEN UNLESS THE OWNERS OF THE PROPERTY USING THESE RIGHTS-OF-WAYS ARE OTHERWISE PROVIDED FOR SATISFACTORILY.

NOTES

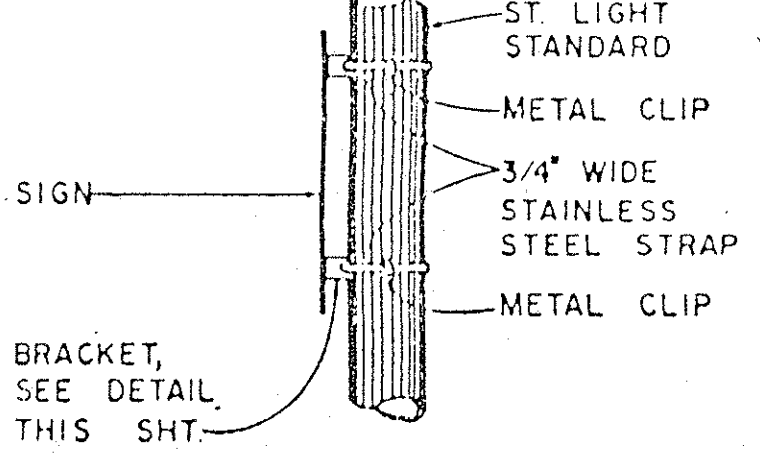
1. ALL STREET SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS.
2. RAISED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH THE DTS STANDARDS.
3. SIGNS SHALL BE ATTACHED TO BRACKET WITH 5/16" ZINC PLATED STEEL BOLTS, NUTS AND WASHERS.
4. SIGNS 48" WIDE OR LARGER THAN 10 SQ. FT. IN AREA SHALL BE MOUNTED ON 2,2" Ø GALV. PIPE POST. THE SIGN SHALL BE INSTALLED WITH AT LEAST (1) ONE FOOT CLEARANCE FROM THE SIGN EDGE OF THE CURB FACE.
5. ALL TRAFFIC SIGNS SHALL BE REFLECTORIZED.
6. WHITE AND YELLOW PAINT (PAVEMENT MARKINGS) SHALL BE REFLECTORIZED AND CONFORM TO THE STANDARD SPECIFICATION ON FILE IN THE DEPARTMENT OF TRANSPORTATION SERVICES.
7. PAVEMENT WORD AND SYMBOL MARKINGS SHALL BE IN ACCORDANCE WITH THE DTS STANDARDS.



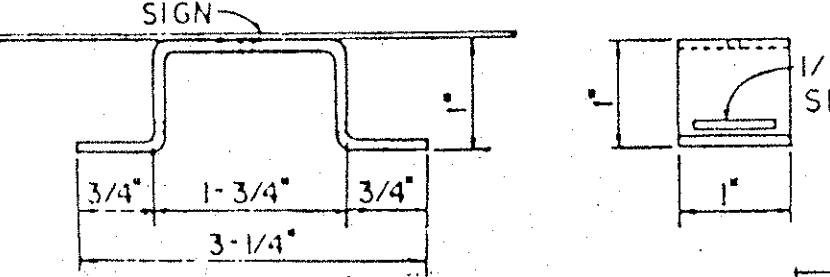
TYPICAL INTERSECTION SIGN & PAVEMENT MARKING
NO SCALE



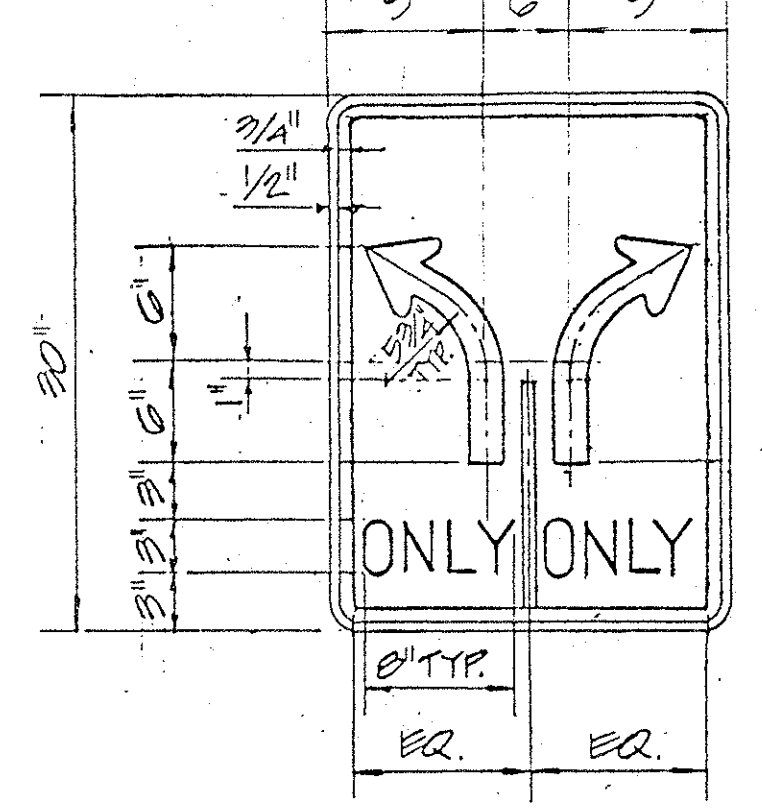
TYP. SIGN POST
NO SCALE



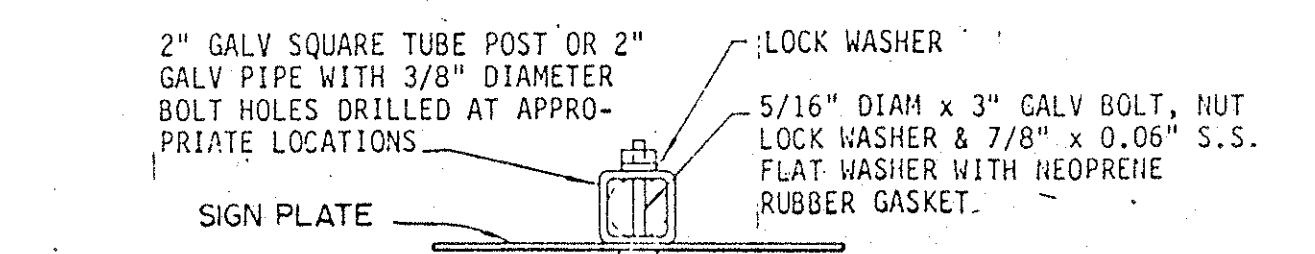
BRACKET STRAP
NO SCALE



SIGN BRACKET
NO SCALE

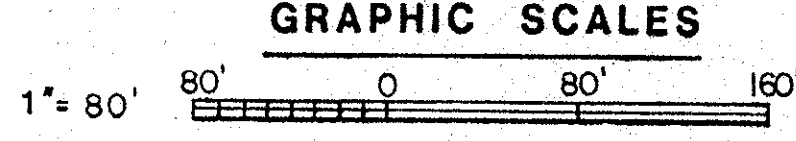


R3-8 (MODIFIED) 24" x 30"
NO SCALE



GALVANIZED SQUARE TUBE POST (OR GALVANIZED PIPE)
NO SCALE

REAPPROVED BY: *P. T. Kaula* 12/1/87
BY DIRECTOR, DEPT. OF TRANSPORTATION SERVICES



REVISION	DATE	BY	APPROVED
M & E PACIFIC, INC. ENGINEERS & ARCHITECTS HONOLULU, HAWAII			
DOLE IWILEI CANNERY ALAKAWA ST. EXTENSION HONOLULU, HAWAII			
TRAFFIC SIGNS AND PAVEMENT MARKING PLAN (EXISTING)			
DRAWN BY: <i>KY</i>		ENGINEER: <i>VC</i>	
APPROVED BY: <i>P. T. Kaula</i>		DIRECTOR, DEPT. OF TRANSPORTATION SERVICES	

THIS WORK WAS DONE BY ME OR UNDER MY SUPERVISION
By *Kay Muranaka*

REGISTERED PROFESSIONAL ENGINEER
No. 2330-C
HAWAII, U.S.A.

FILE PROJECT FOLDER NO.