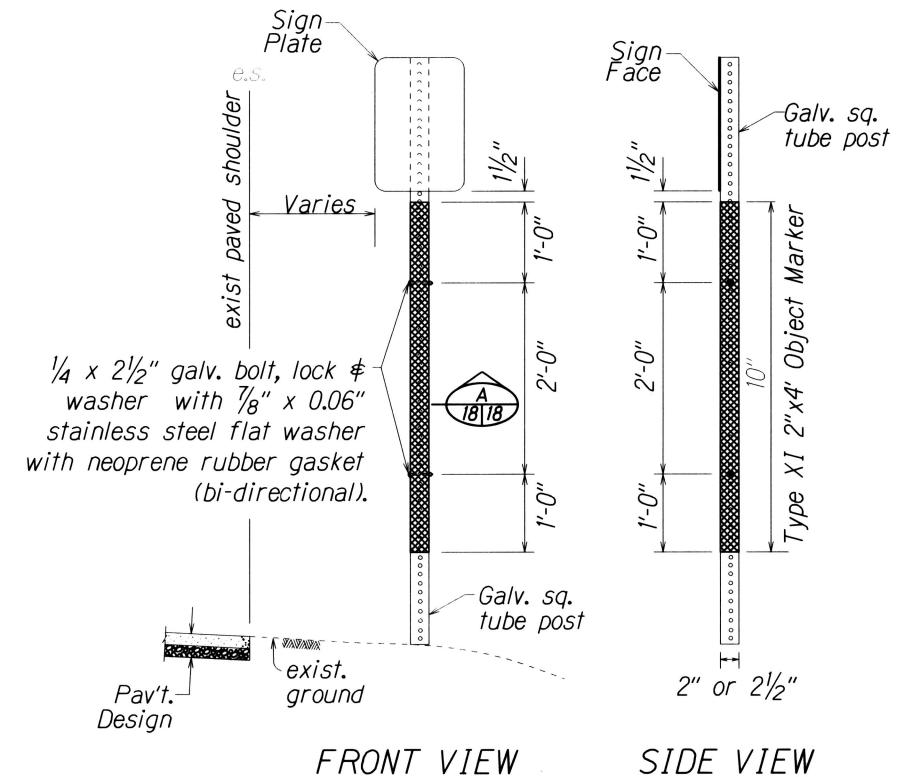


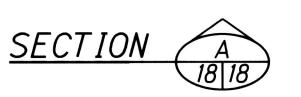
NOTES

- 1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- 2. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- 3. Raised pavement markers shall not be installed within crosswalks.
- 4. Final locations of all signs shall be approved by the Engineer prior to any installation work.
- 5. Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
- 6. Final locations of all stop lines shall be approved by the Engineer prior to installation.
- 7. All pavement striping shall be as noted on the legend or plans.
- 8. Pavement marking (Tape or Thermoplastic Extrusion) over existing and new pavement shall be applied with an approved primer as recommended by the manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
- 9. The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs as indicated on the plans or as directed by the Engineer. The signs shall be kept in place for the duration of the project and shall be maintained by the Contractor. These signs shall be placed in addition to the required traffic controlsigns called for in Section 645 - Work Zone Traffic Control. The advance construction warning signs shall be new and become the property of the Contractor.
- 10. Existing signs that are to be replaced shall not be removed until new signs are installed as replacements, or the messages are no longer necessary.
- 11. Backing for all new regulatory and warning signs shall not be spliced.
- 12. All sign panels shall conform to Section 630 of Special Provisions and the latest editions and amendments of the following FHWA publications:
 - a. "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
 - b. "Standard Highway Signs"
 - c. "Standard Alphabets for Highway Signs"
- 13. State Route Marker Symbols, borders, messages, arrows, symbols and shields shall conform to details as shown on the plans and as specified in the MUTCD.
- 14. All new and relocated signs and markers installed on pipe posts, light standard or expressway sign post are to be mounted with band bracket's and steel braces.
- 15. Object marker shall be Vis-Z-Shield, manufactured by "Zumar" or approved equal.
- 16. Backgorund of object marker shall be retroreflectorized with Type XI retroreflective sheeting.
- 17. The color of the object marker retroreflective sheeting shall be red for "STOP" (R1-1) and "YIELD" (R1-2) signs, others shall be yellow retroreflective sheeting.
- 18. Removal and disposal of existing signs and posts shall be considered incidental to various contract items.

FED. ROAD FED. AID **FISCAL** SHEET TOTAL DIST. NO. PROJ. NO. YEAR NO. SHEETS HAW. NH-056-1(058) 2017 18



Galv. sq. tube post -7/8" x 0.06" stainless OM-5 (Object Marker) steel flat washer w/ neoprene rubber gasket (bi-directional). $\frac{1}{4}$ x $2\frac{1}{2}$ " galv. bolt, lock \$ washer



OBJECT MARKER (OM-5) DETAIL @ TRAFFIC SIGN POST Not to Scale

> DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

PAVEMENT MARKING LEGEND, DETAILS, NOTES & SUMMARY

Kapule Highway to North Leho Drive Federal-Aid Proj. No. NH-56-1(058)

SHEET No. 71 OF 10 SHEETS

SURVEY PLOT
DRAWN BY A
TRACED BY
DESIGNED BY
QUANTITIES I

ORIGINAL PLAN NOTE BOOK kelbernie Ukuotteg0l.dgn No.

10' 10' 10' 10'

Extension of Edge Line, 4" Wide x 2'-0" Long White Stripe @ 10'-0" o.c. w/Type C Markers @ 40'-0" o.c. (Tape, Type III or Thermoplastic Extrusion)

KUHIO HIGHWAY RESURFACING Date: Oct. 2016