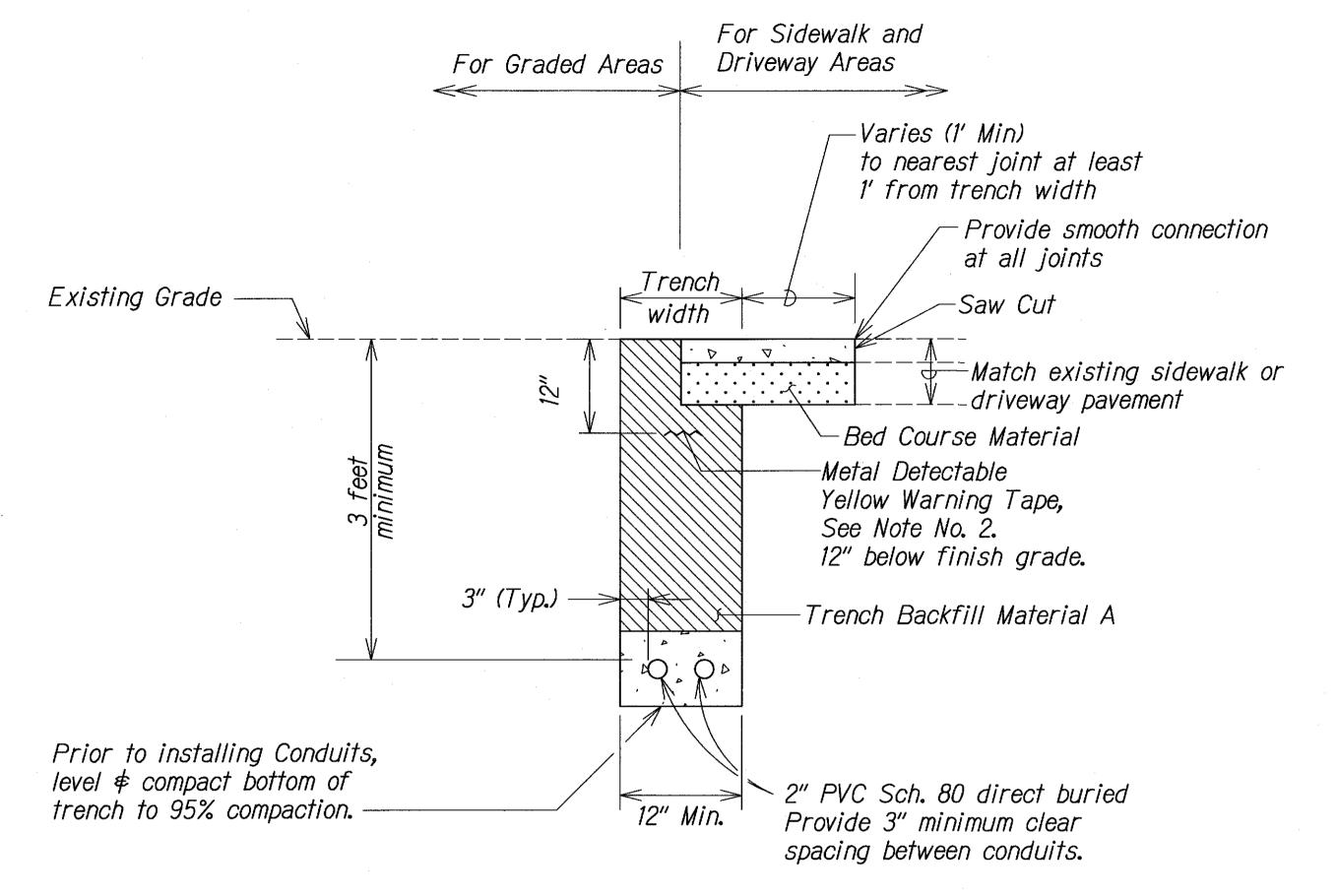
FISCAL SHEET TOTAL YEAR NO. SHEETS PROJ. NO. STATE DIST. NO. HWY-M-01-08 2010

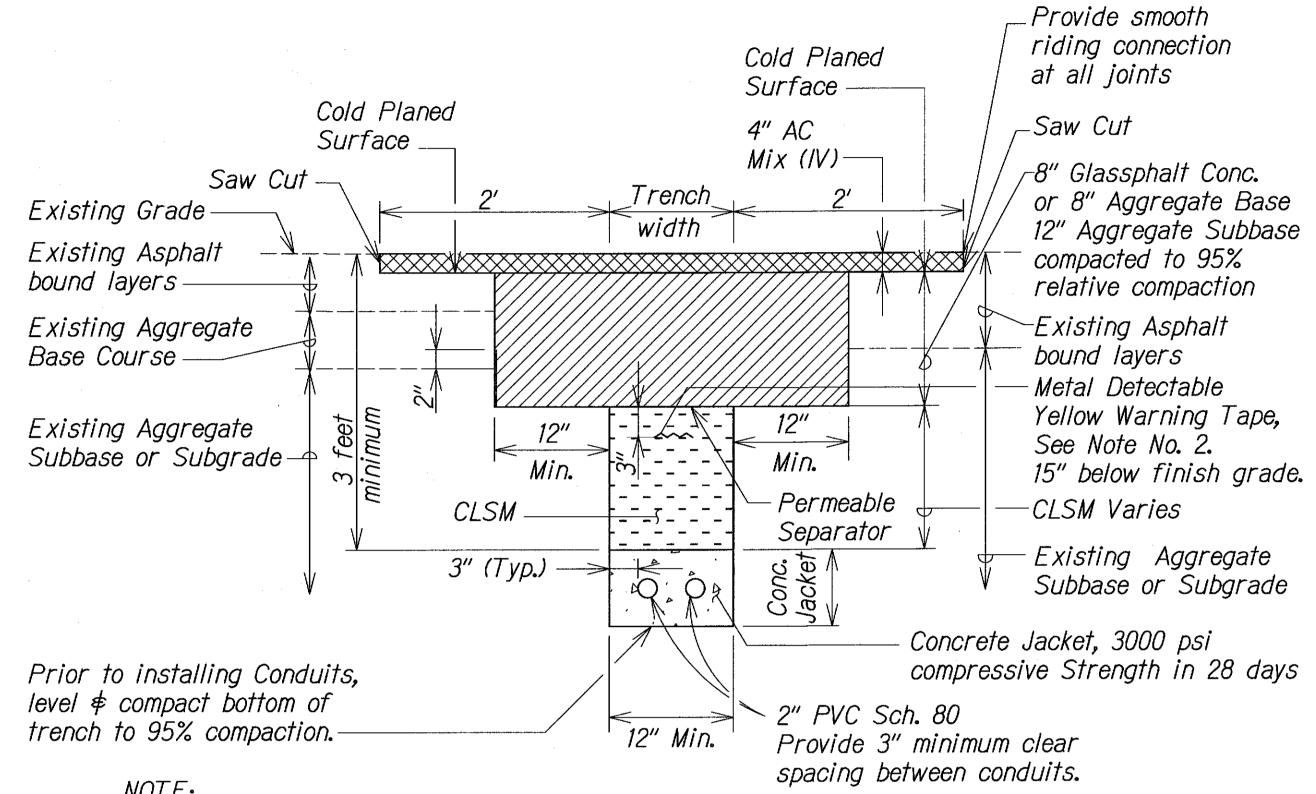


RESTORATION OF NON-ROADWAY AREAS DUE TO TRENCH EXCAVATION

Not to Scale

GENERAL NOTES

- If trench is located on unpaved area, the Contractor shall replace 10" A.C. Base Course and 4" A.C. Pavement with Type "A" backfill material.
- The Metal Detectable Yellow Plastic Warning Tape shall be a minimum 5 mils thick and 4" wide with a continuous metallic backing and corrosion resistant 1± mil thick foil core. The message on the tape shall read, "CAUTION - STATE TRAFFIC SIGNAL AND/OR HWY. LIGHTING BURIED BELOW," utilizing 1-1/2 inches series "C" black lettering. The message will be repeated with a 4-1/4" spacing between top line of message and start of next repeat.
- 3. The Contractor may begin backfilling the conduit trench when the concrete reaches 3000 psi compressive strength after 3 days.
- Maximum four (4) conduits per row for multiple conduit duct section.
- For direct buried duct sections, the concrete jacket required at the conduit by-pass for various utilities shall not be paid for separately but considered incidental to the direct buried conduits.
- 6. After installing all the traffic signal cables, the Contractor shall duct seal all conduits in the pullboxes, traffic signal standards and traffic signal controller cabinet concrete base. The duct seal material shall be approved by the Engineer and shall not be paid for separately but considered incidental to the direct buried and/or concrete encased conduits.



NOTE:

Tack Coat faces of Existing Asphalt Bound Materials prior to filling excavation with New Asphalt bound materials.

RESTORATION OF EXISTING PAVEMENT Squiggly line for as-built deletion DUE TO TRENCH EXCAVATION

Not to Scale

-Exist Grade Top of Hole -2" Superfuse Pipes

HORIZONTAL DIRECTIONAL

DRILLING (HDD), TYP.

Not to scale

LICENSED PROFESSIONAL No. 4739-C THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

DEPARTMENT OF TRANSPORTATION

TRENCHING AND MISCELLANEOUS DETAILS HANA HIGHWAY

TRAFFIC OPERATIONAL IMPROVEMENTS AT WAKEA AVENUE PROJECT NO. HWY-M-01-08 Scale: None Date: May, 2010

> SHEET No. TS-4 OF 12 SHEETS

LEGEND FOR AS-BUILT POSTINGS

√ Double line for 100.00 as-built deletion

Black Letters

Text for as-built Roadway posting

CAUTION-STATE TRAFFIC SIGNAL AND/OR CAUTION-STATE TRAFFIC SIGNAL AND/OR HWY LIGHTING BURIED BELOW -1-1/2" Series "C"

-5 mils thick (min.) Plastic Warning Tape

HWY LIGHTING BURIED BELOW

For additional information, see Note No. 2.

METAL DETECTABLE YELLOW PLASTIC WARNING TAPE

Not to Scale