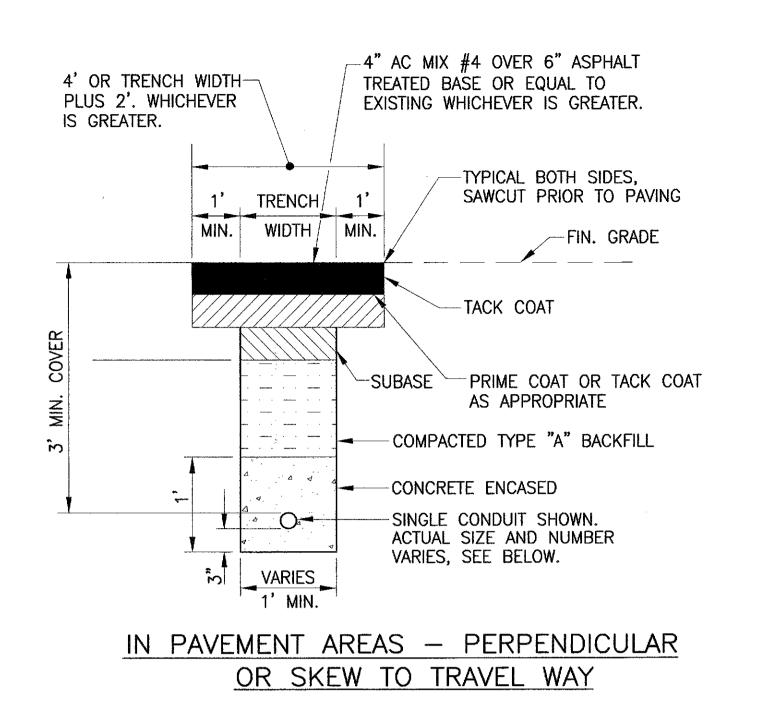
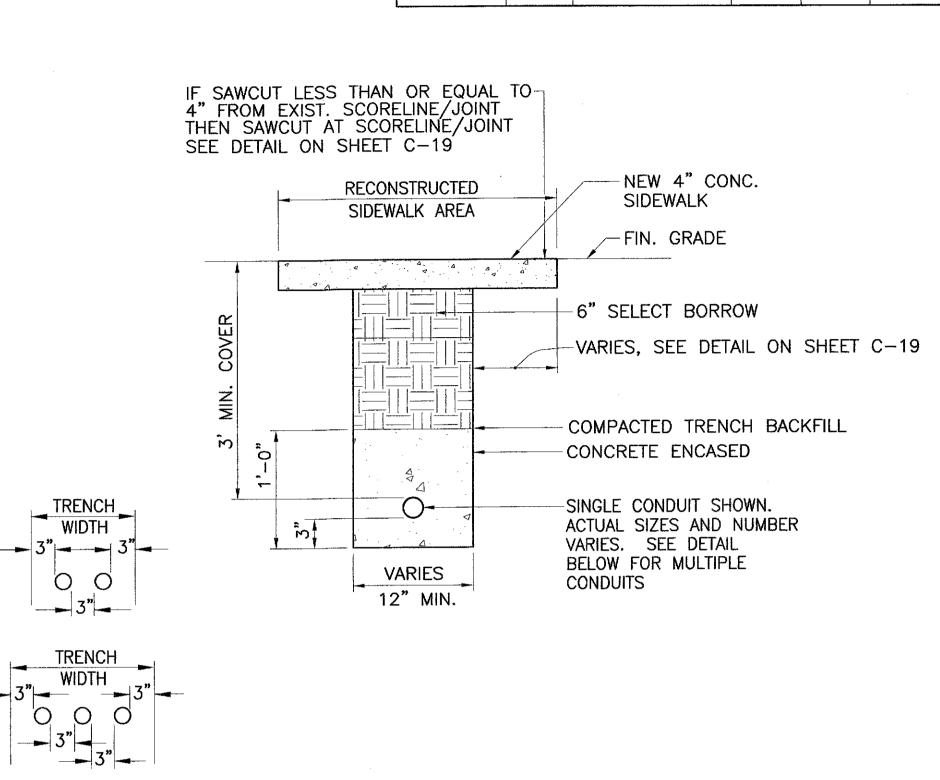


TRAVEL WAY WHERE TRAVEL WAY IS

LESS THAN OR EQUAL TO 36 FEET





FED. ROAD STATE

HAW.

DIST. NO.

FED. AID PROJ. NO.

STP-0001(36)

FISCAL SHEET TOTAL YEAR NO. SHEETS

2008 18 42

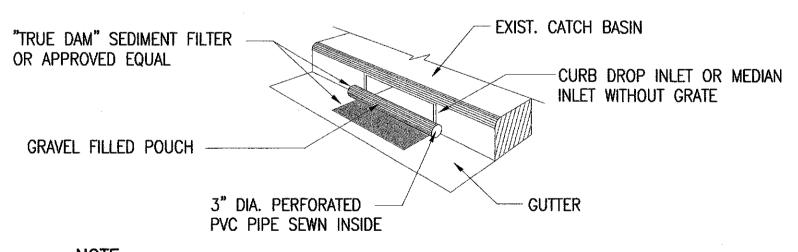
IN PAVEMENT OR PLANTING AREAS

NOTES:

GREATER THAN 36 FEET

- 1. DETAIL FOR MULTIPLE CONDUIT TRENCHES SHALL BE SIMILAR. PROVIDE 3" MIN. CLEAR SPACING BETWEEN CONDUITS.
- 2. TRENCHES RUNNING LONGITUDINALLY TO THE TRAVEL WAY ON ROADWAYS WHERE THE PAVED TRAVEL WAY IS GREATER THAN 36 FEET SHALL BE A MINIMUM WIDTH OF ONE LANE NOT EXCEEDING 15 FEET IN WIDTH WITH A MINIMUM OF TWO FEET IN ADDED LENGTH TO EACH END OF THE LONGITUDINAL TRENCH.
- 3. TRENCHES RUNNING LONGITUDINALLY TO THE TRAVEL WAY ON ROADWAYS WHERE THE PAVED TRAVEL WAY IS 36 FEET OR LESS SHALL BE REPAVED A MINIMUM OF FOUR FEET WIDE WITH THE TRENCH CENTERED WITHIN THE PAVED WIDTH OR THE PAVED AREA SHALL BE THE TRENCH WIDTH PLUS AN ADDITIONAL TWO FEET ON EACH SIDE OF THE TRENCH, WHICHEVER IS GREATER.
- 4. TRENCHES RUNNING PERPENDICULAR OR SKEW TO THE TRAVEL WAY AND/OR LONGITUDINAL TRENCHES LESS THAN TEN FEET IN LENGTH SHALL BE REPAVED A MINIMUM OF FOUR FEET WIDE WITH THE TRENCH CENTERED WITHIN THE PAVED WIDTH (T-SECTION) OR THE PAVED AREA SHALL BE THE TRENCH WIDTH PLUS AN ADDITIONAL TWO FEET ON EACH SIDE OF THE TRENCH (T-SECTION), WHICHEVER IS GREATER. THE LENGTH OF THE REPAVED TRENCH SHALL BE REPAVED A RECOMMENDED TWO FEET IN ADDED LENGTH TO EACH END OF THE TRENCH.

TYPICAL TRENCH DETAILS NOT TO SCALE



NOTE: TRUE DAM IS MANUFACTURED BY DANDY PRODUCTS, INC., GROVE CITY, OHIO. CONTRACTOR WILL PROVIDE INLET PROTECTION.

TO BE INSTALLED AT ALL EXISTING CATCH BASINS ADJACENT TO AND IMMEDIATELY DOWN STREAM OF WORK AREAS.

EROSION CONTROL/BEST MANAGEMENT PRACTICES NOTES: 1. EROSION CONTROL MEASURES TO BE INSTALLED PRIOR TO START OF WORK

- 2. CONTRACTOR TO PERIODICALLY INSPECT CATCH BASIN FILTER ESPECIALLY DURING HEAVY RAINFALL.
- 3. REMOVE FILTER AT TIMES OF ABOVE NORMAL RAINFALL EVENTS AND REPLACE THEM WHEN THE EVENT HAS

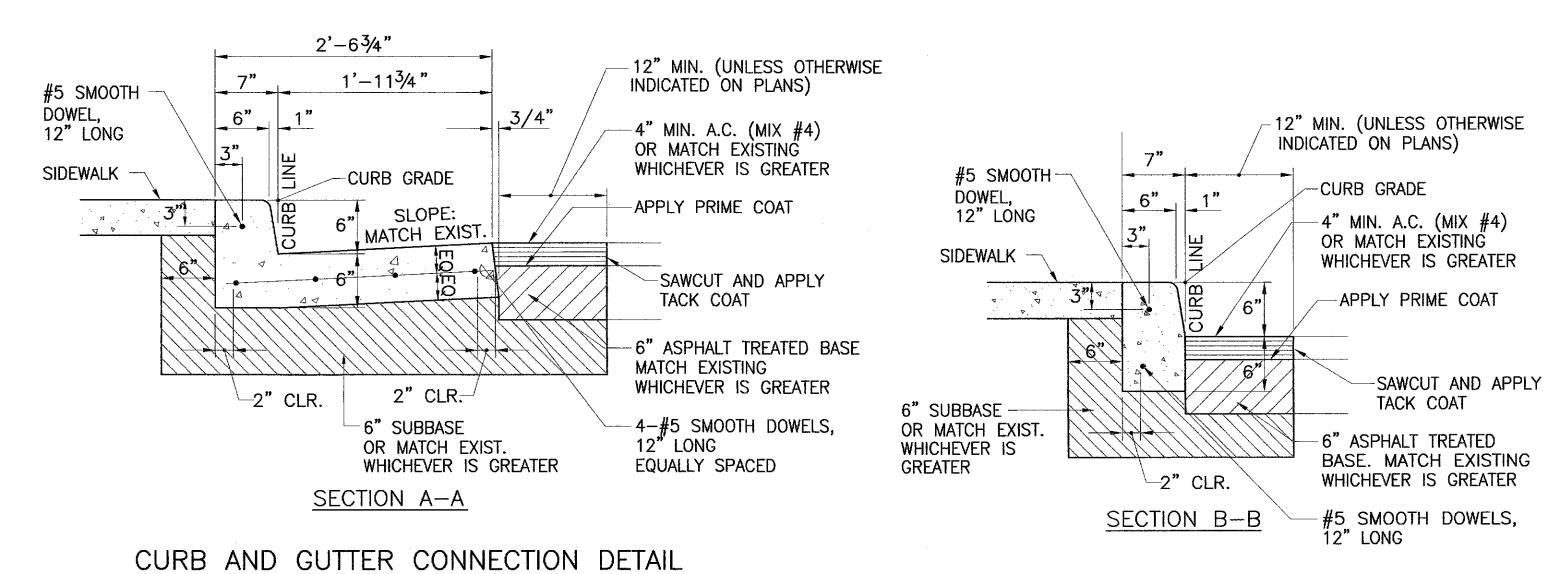
TEMPORARY STORM DRAIN PROTECTION

NOT TO SCALE

ENGINEER APPROVE DESCRIPTION REVISION DATE DEPARTMENT OF TRANSPORTATION SERVICES CITY & COUNTY OF HONOLULU TRAFFIC CONTROL SIGNALIZATION AT VARIOUS LOCATIONS ON OAHU, PHASE X LICENSED **PROFESSIONAL** FEDERAL-AID NO. STP-0001(36) ENGINEER MISCELLANEOUS DETAILS-1 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. MHY DESIGN C - 18DRAWN SHEET 18 Sheet St & 4/30/10 CHECKED KKN 08/04/08 OF 42 SHEETS AUSTIN, TSUTSUMI & ASSOCIATES, INC. FOLDER FILE DRAW PROJECT NO. POCKET FOLDER

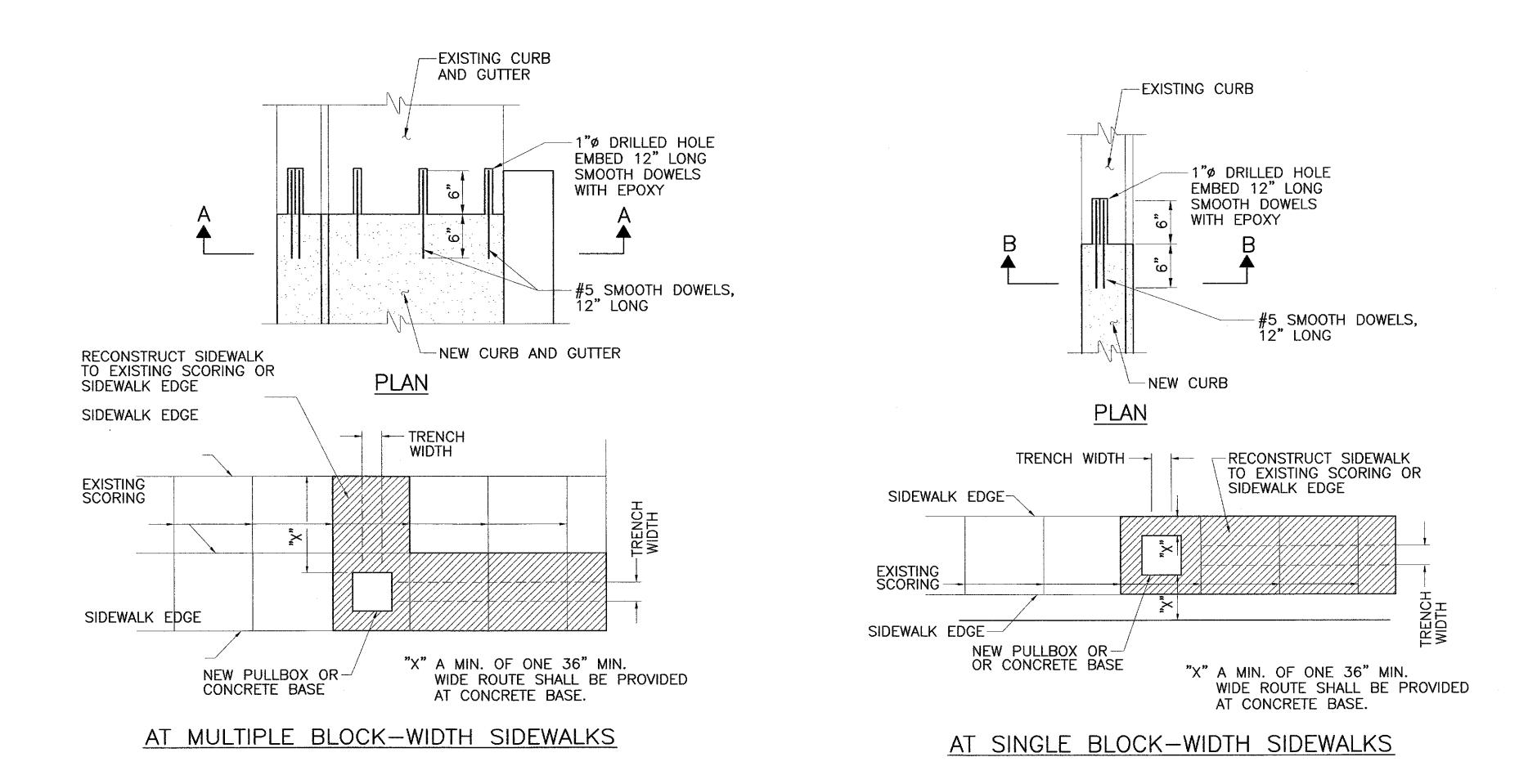
IN SIDEWALK AREAS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	ii	TOTAL SHEETS
HAWAII	HAW.	STP-0001(36)	2008	19	42

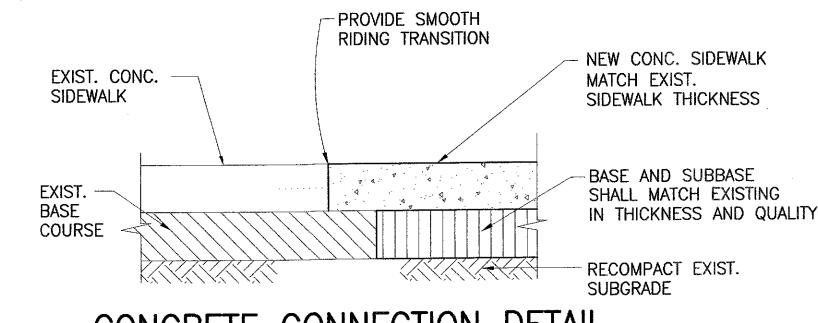


TYPICAL PAVEMENT RESTORATION DETAILS NOT TO SCALE

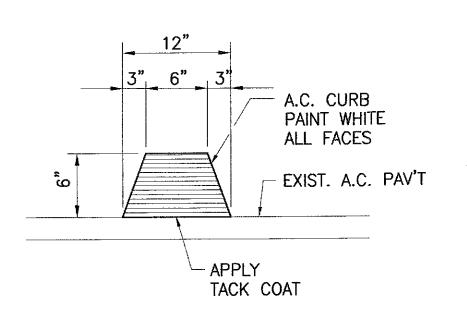
CURB CONNECTION DETAIL



SIDEWALK RECONSTRUCTION DETAILS NOT TO SCALE



CONCRETE CONNECTION DETAIL



NOT TO SCALE

ASPHALT CONCRETE CURB DETAIL

NOT TO SCALE

