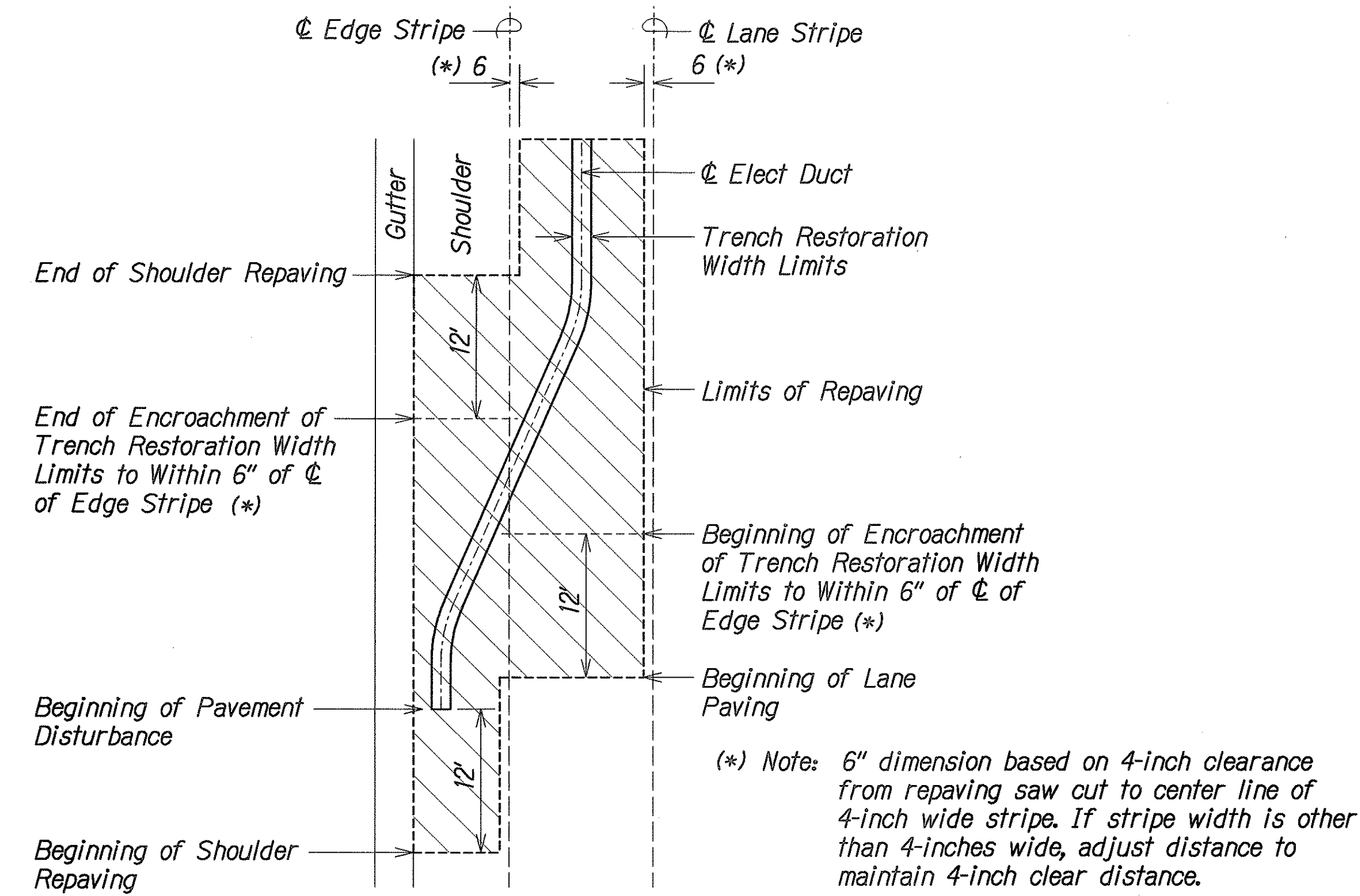
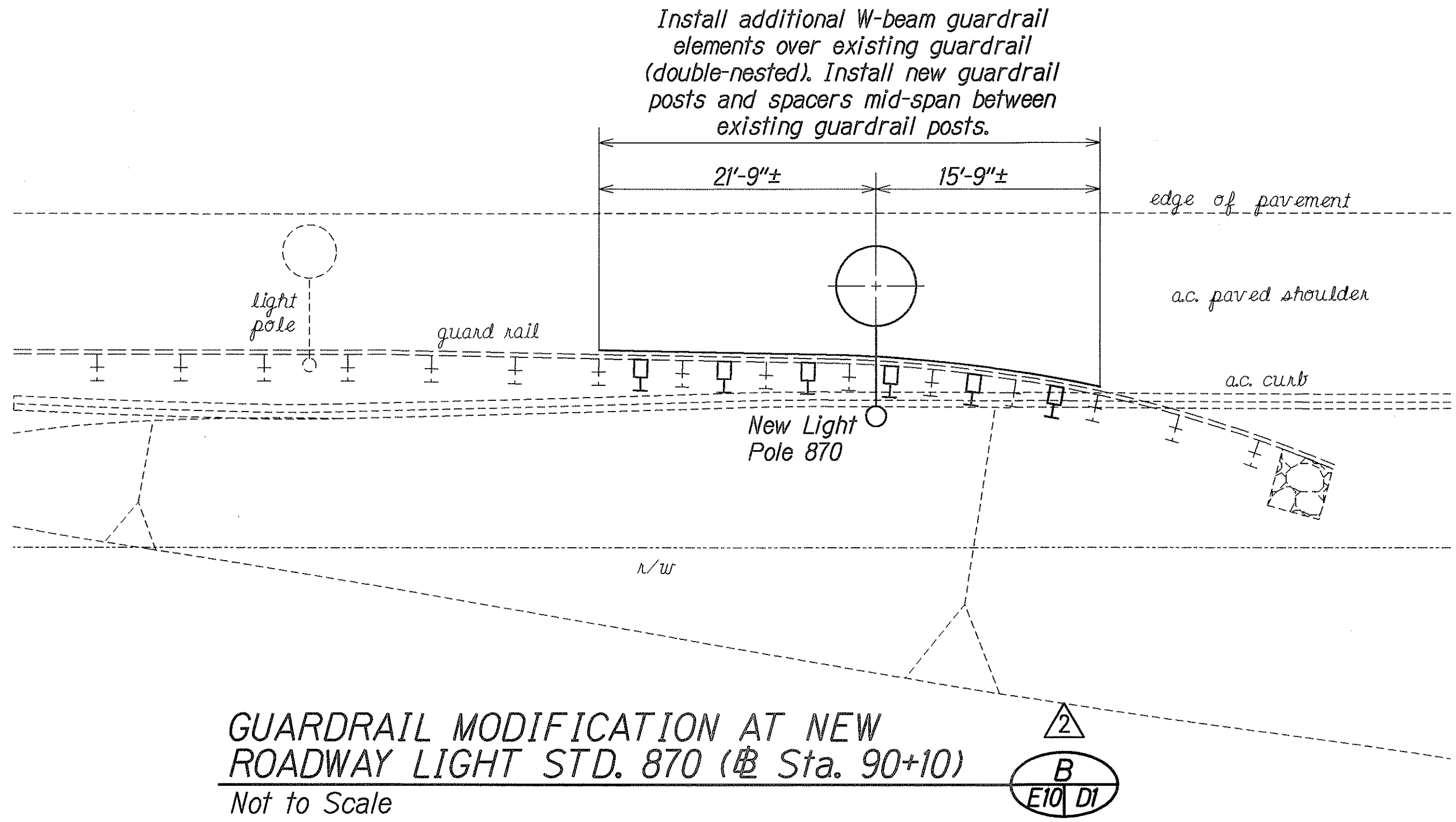


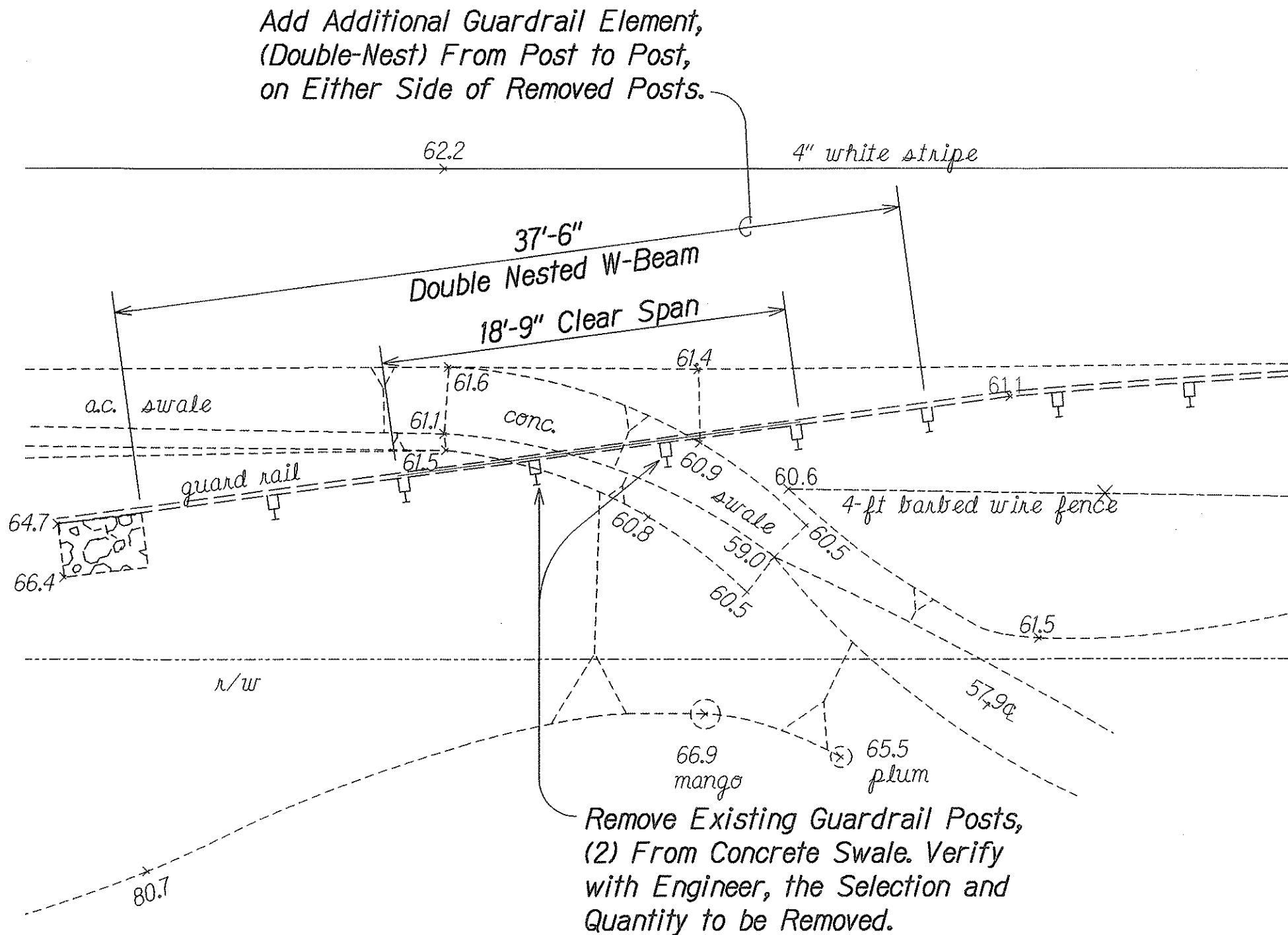
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-00M	2004	C.028	98



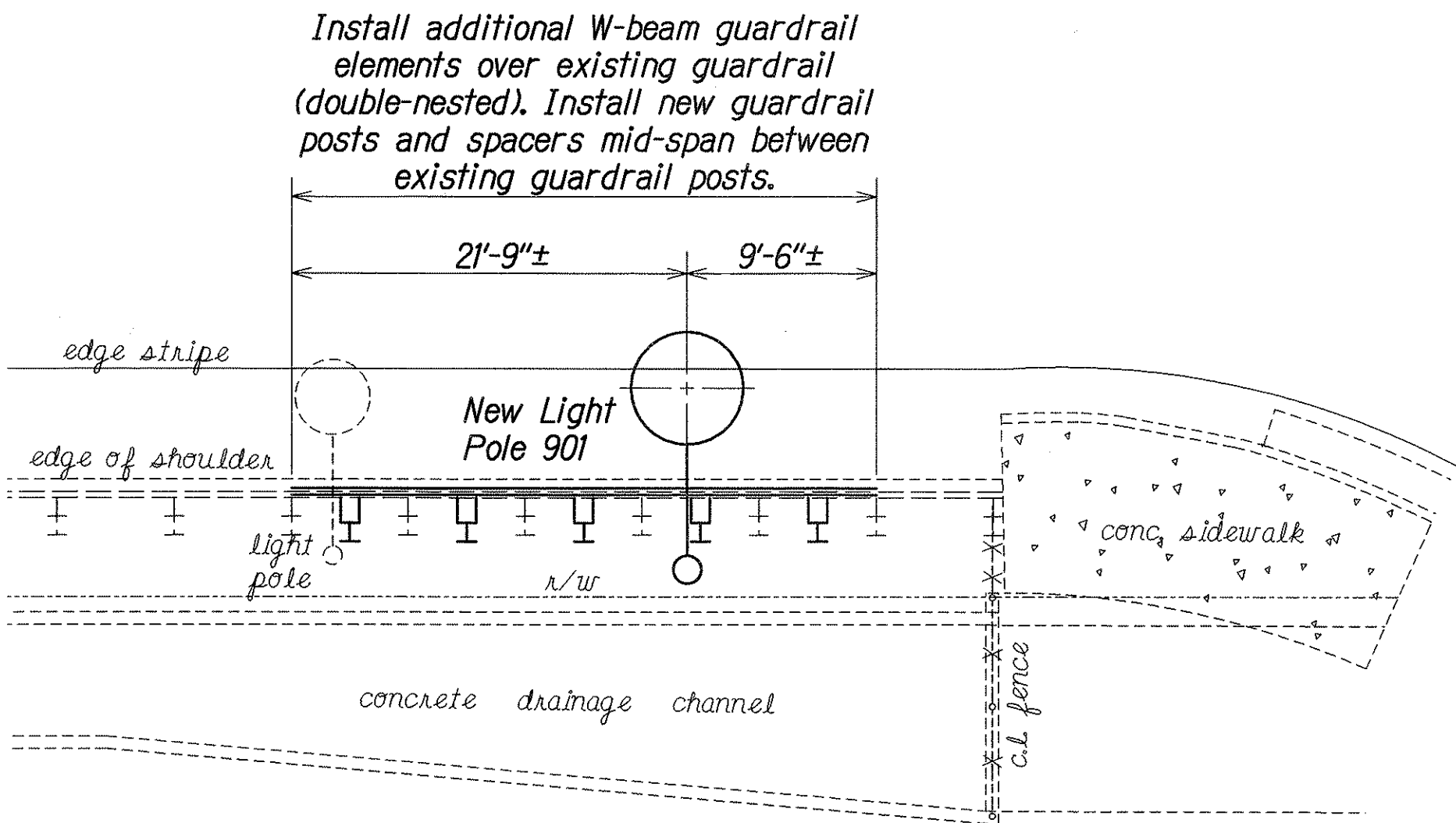
LIMITS OF REPAVING PLAN PREPARATION GUIDELINES
Not To Scale



GUARDRAIL MODIFICATION AT NEW ROADWAY LIGHT STD. 870 (# Sta. 90+10)
Not to Scale

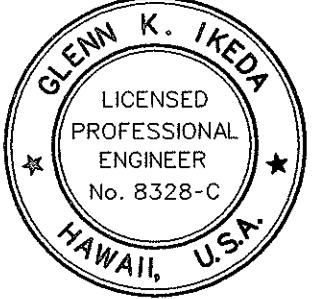


GUARDRAIL POST REMOVAL AT # STA. 105+07
Not to Scale



GUARDRAIL MODIFICATION AT NEW ROADWAY LIGHT STD. 901 (# Sta. 141+49)
Not to Scale

Revision	Date	Added Guardrail Modification Details "B" and "C".	PE	By	Approved
	1/21/05				



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION
Glen K. Ikeda
P.E., Inc.
dba PARK ENGINEERING
LICENSE EXPIRES: 4-30-06

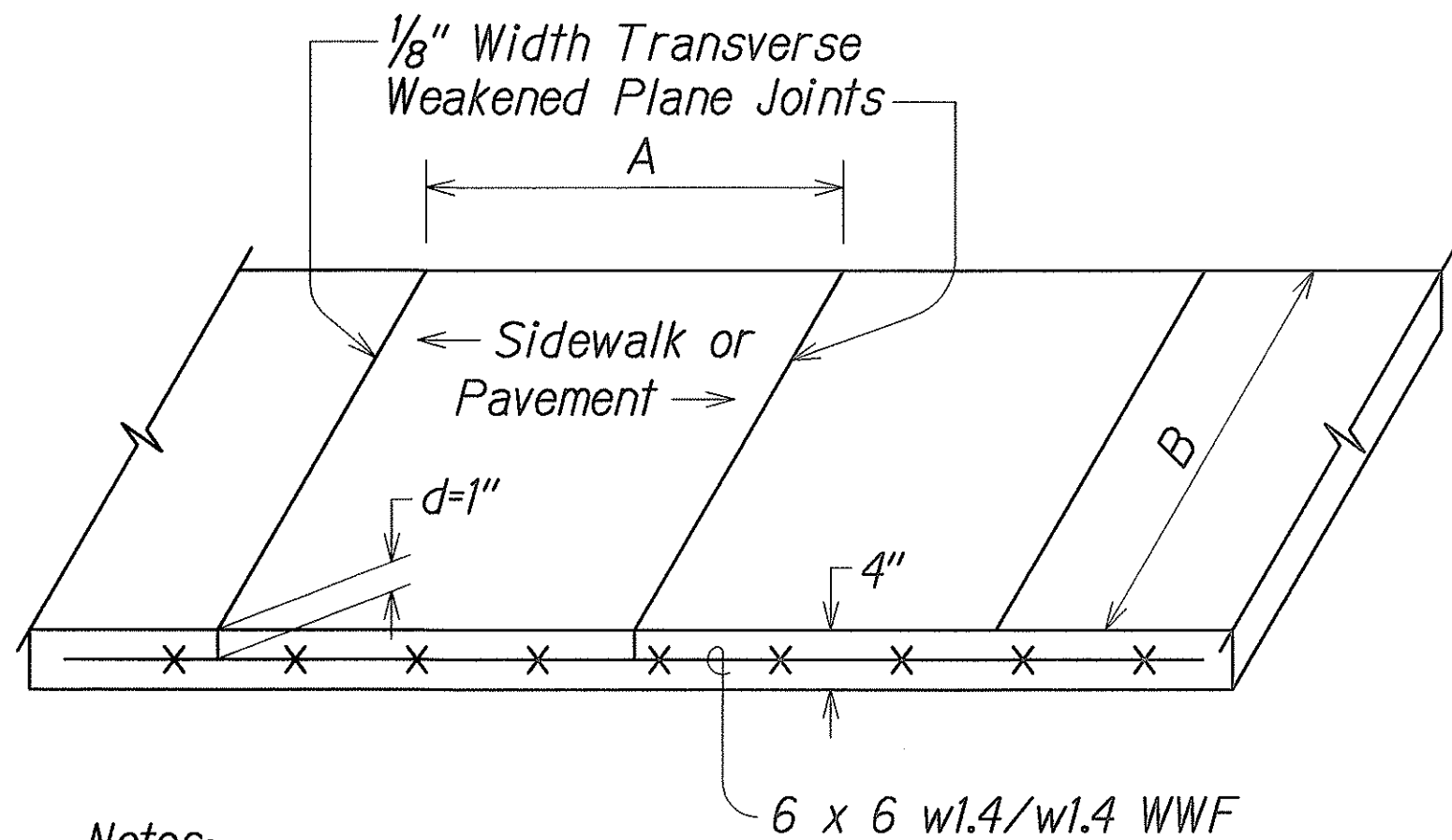
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY DETAILS

KAHEKILI HIGHWAY LIGHTING IMPROVEMENTS
Haiku Road to Ahuimanu Place
Project No. 83F-02-00M
Scale: As Noted Date: Sept. 2002
SHEET No. **D1** OF **D8** SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-00M	2004	29	98

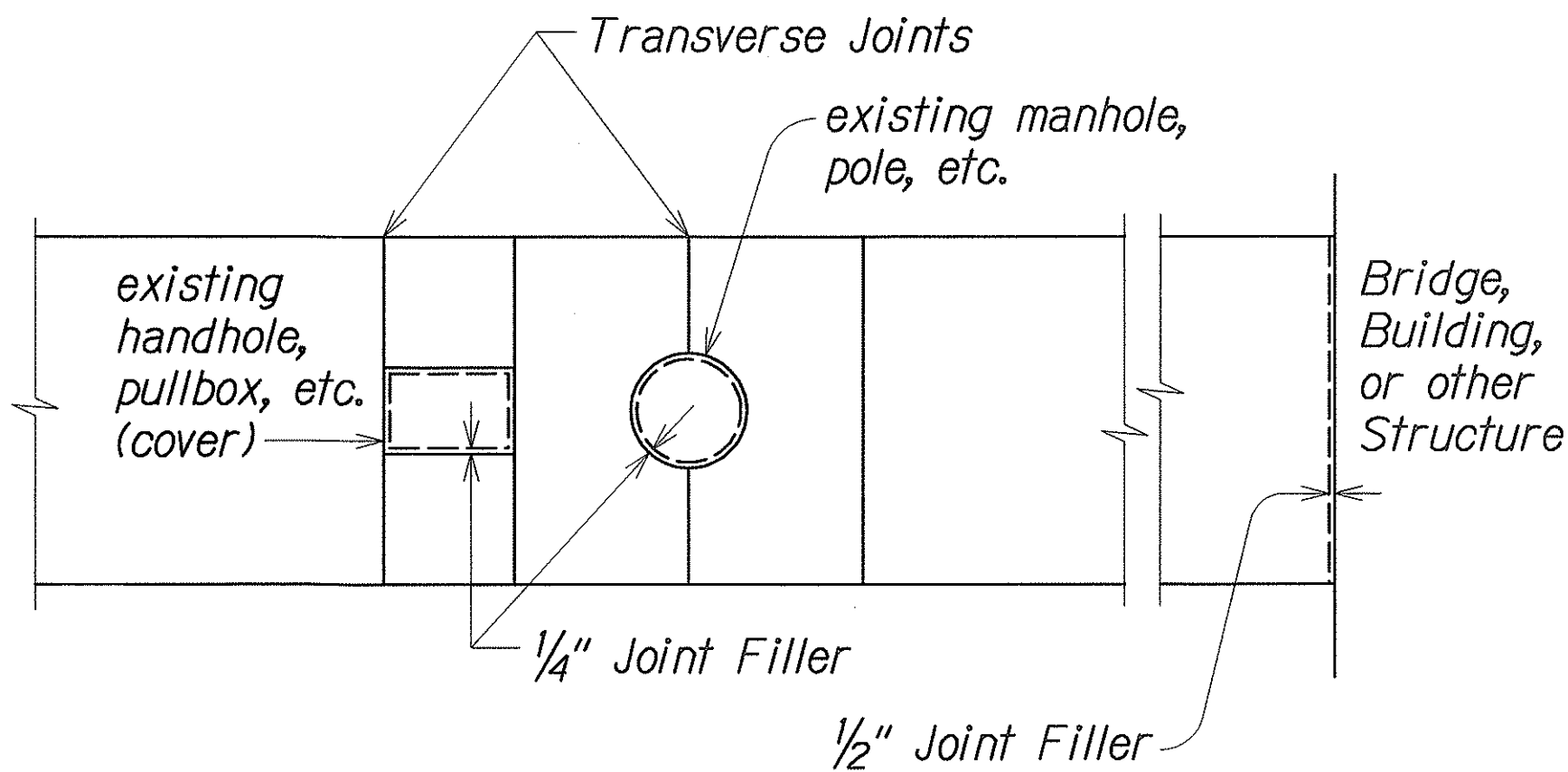


Notes:

- Joint dimension ratios (B/A or A/B) < 1.25 and (A or B) not to exceed 7'.
- Longitudinal weakened plane joints similar to transverse weakened plane joints.

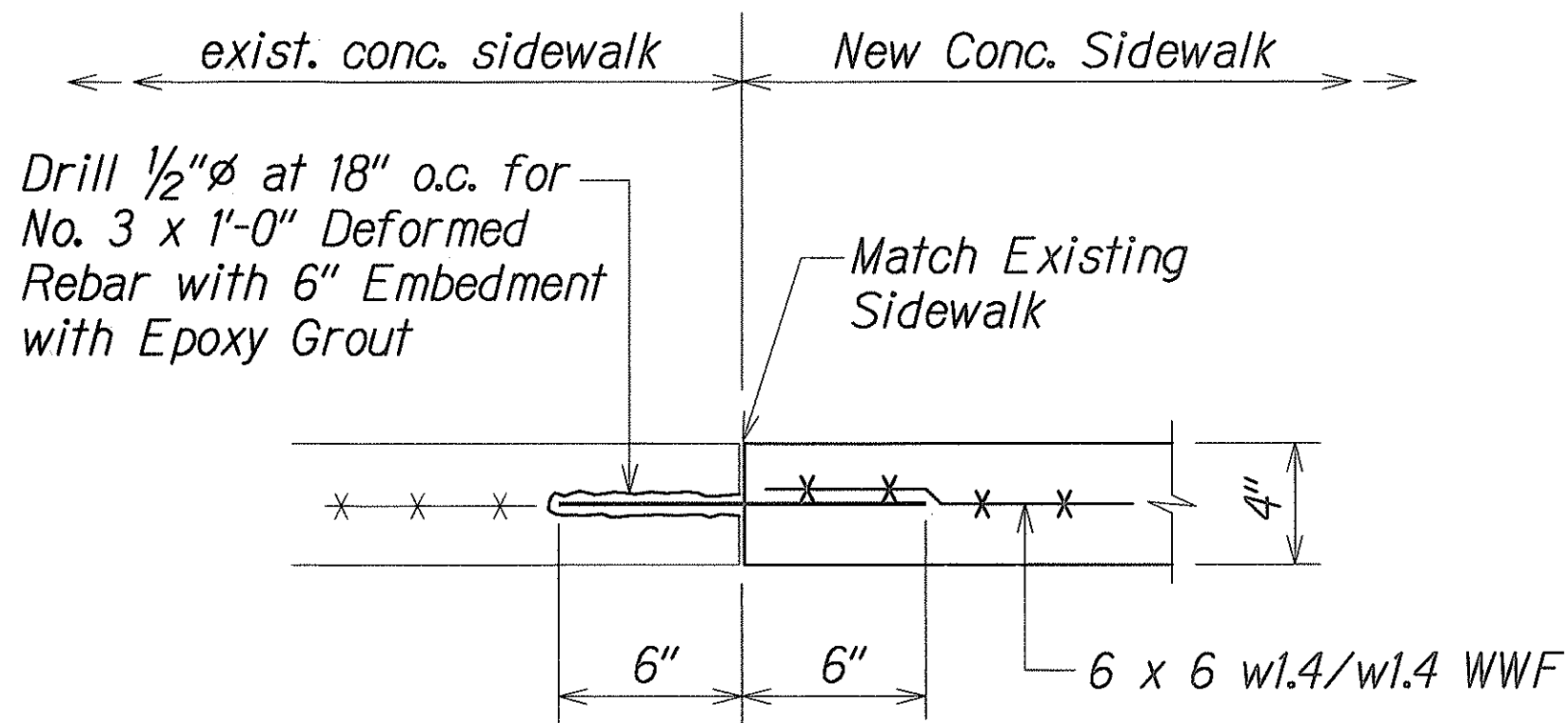
TYPICAL SIDEWALK DETAIL

Not to Scale



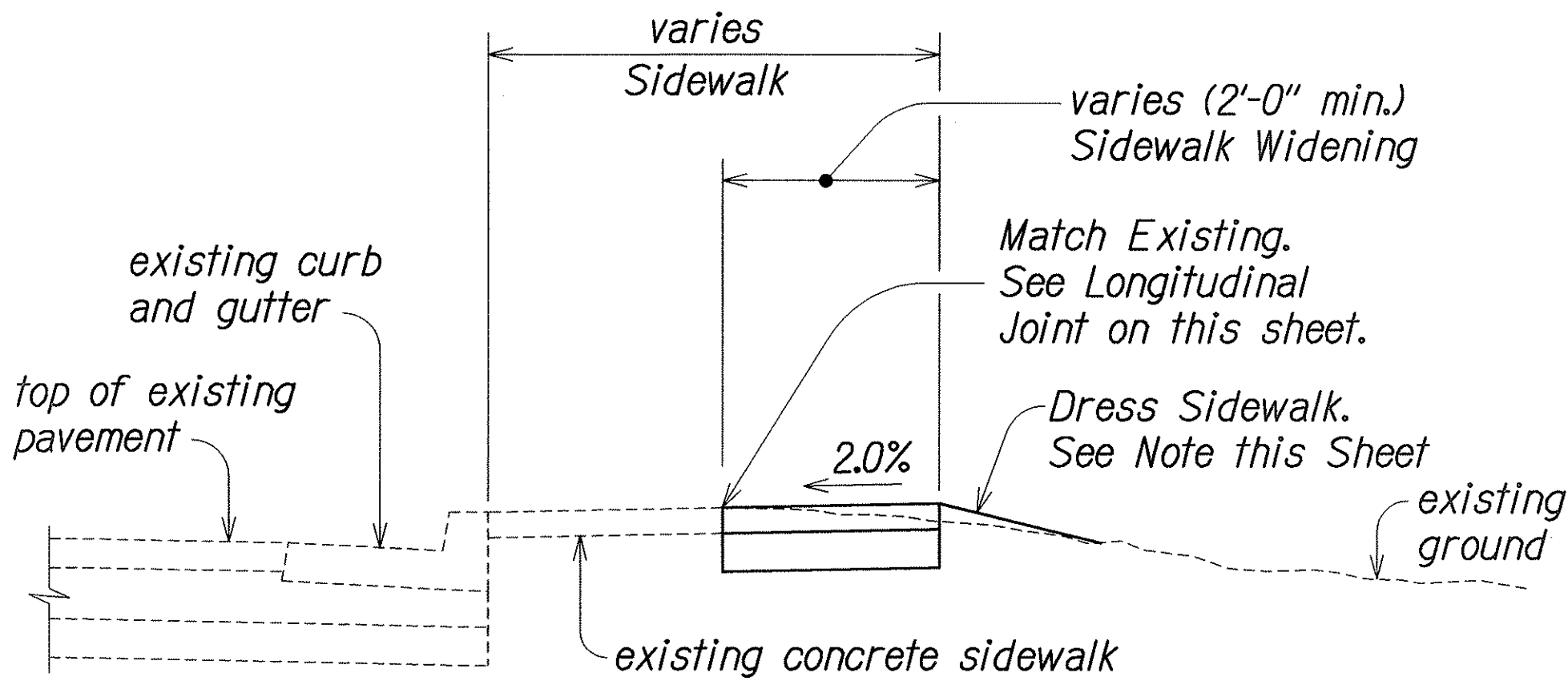
SIDEWALK ISOLATION JOINT DETAIL

Not to Scale



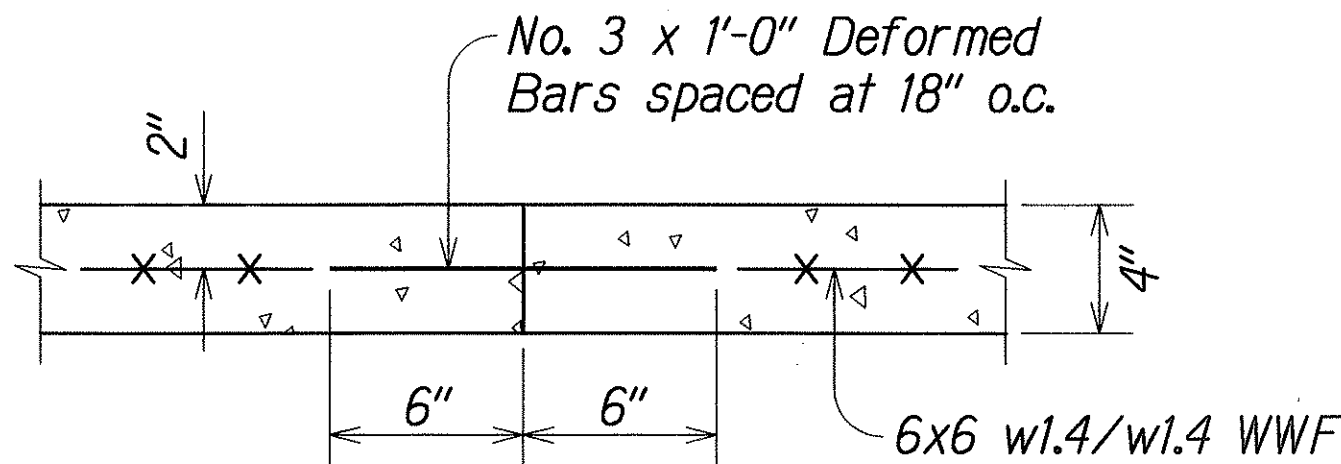
TRANSVERSE JOINT AT EXISTING SIDEWALK

Not to Scale



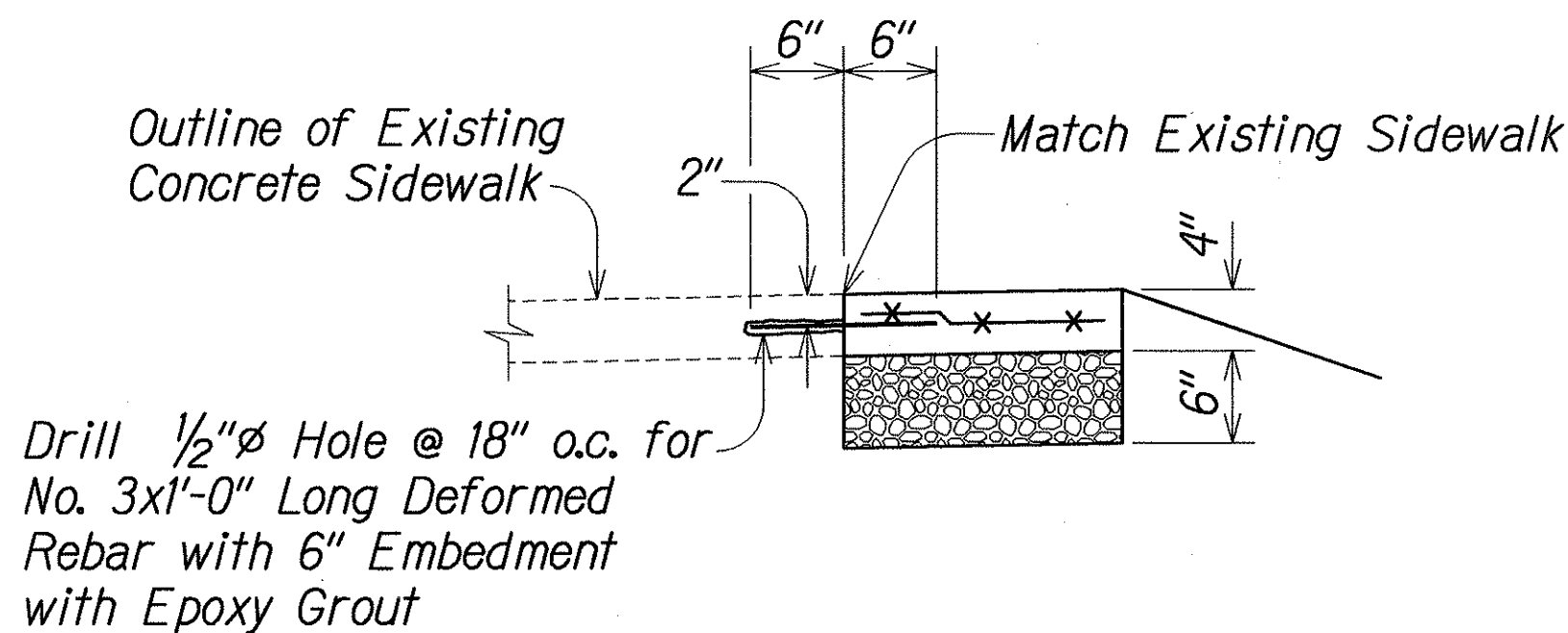
TYPICAL SIDEWALK DETAIL

Not to Scale



TRANSVERSE CONSTRUCTION JOINT DETAIL

Not to Scale

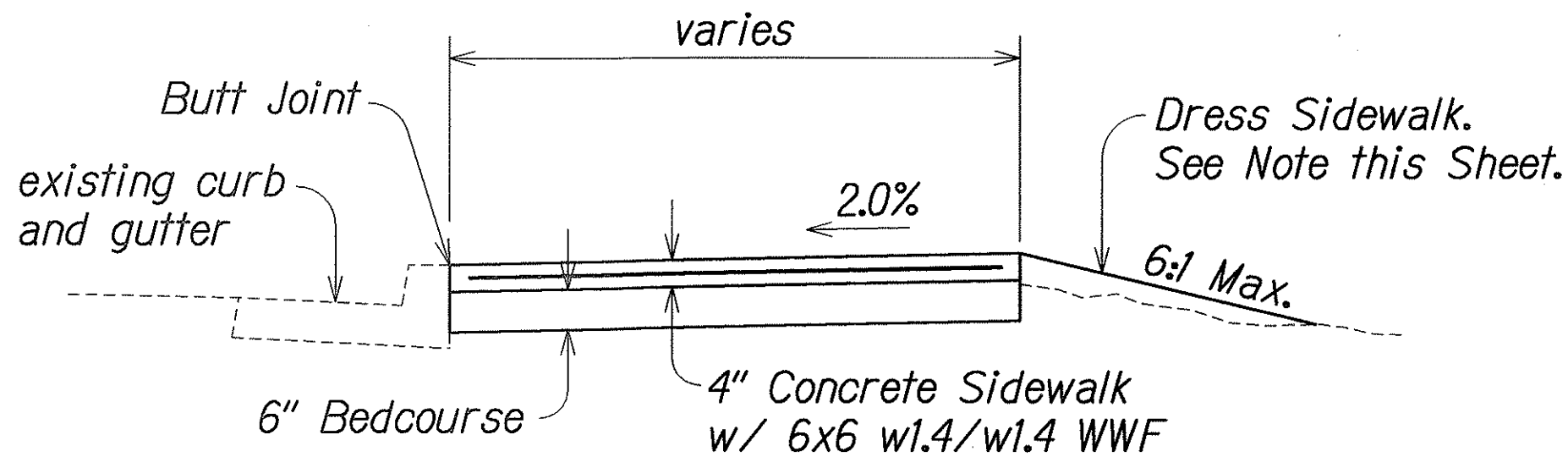


Note:

Do not install rebars within 4" of any planned transverse weakened plane joint or transverse construction joint

LONGITUDINAL JOINT AT EXISTING SIDEWALK

Not to Scale



SIDEWALK DETAIL

Not to Scale

NOTES:

- Dressing of sidewalk shall consist of clearing, grubbing, grading reshaping and compacting the area adjacent to the improvement with suitable material as shown on the plans and/or as directed by the Engineer. If existing ground is asphalt or concrete surface, dress sidewalk with A.C. pavement, Mix No. V. This work shall be considered incidental to the new sidewalk.
- Transverse and longitudinal weakened Plane Joints for sidewalk shall be considered incidental to the New Sidewalk.
- Installation of tie bars including drilling, and epoxy grout shall be considered incidental to Sidewalk.

SIDEWALK NOTES:

- All sidewalks shall provide a minimum clear width of 3'-0" (excluding curb) for pedestrian circulation. If this cannot be met, a minimum 32-inch clear width is allowed for a distance of 24-inches.
- Narrow sidewalks (3'-0" min. width, excluding curb) may prohibit the installation of any sign posts, utility poles, fire hydrants, traffic signal standards, light poles, etc. in the sidewalk.
- Passing spaces along new sidewalks with 5' clear width or less shall be provided at maximum 200' intervals as required by ADA guidelines. The passing area shall be a minimum 5' wide by 5' long as feasible.
- For new construction, the minimum sidewalk width shall be 5'-0" (excluding curb). The cross slope shall not exceed 2%.
- If possible, install utility poles, fire hydrants, light poles, sign posts, pullboxes, etc. off of sidewalk but within the right-of-way.
- Objects protruding from utility poles and walls adjacent to the sidewalks (i.e. wall mounted fire hydrants, telephones, meters on poles, etc.) shall be mounted to meet the current American with Disabilities Act Accessibility Guidelines (ADAAG) and will be subject to Engineer's approval.



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 Glenn K. Ikeda
 Park, Inc.
 dba PARK ENGINEERING
 LICENSE EXPIRES: 4-30-04

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIDEWALK DETAILS & NOTES

KAHEKILI HIGHWAY LIGHTING IMPROVEMENTS

Haiku Road to Ahuimau Place

Project No. 83F-02-00M

Scale: As Noted Date: Sept. 2002

SHEET No. D2 OF D8 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
CHECKED BY	