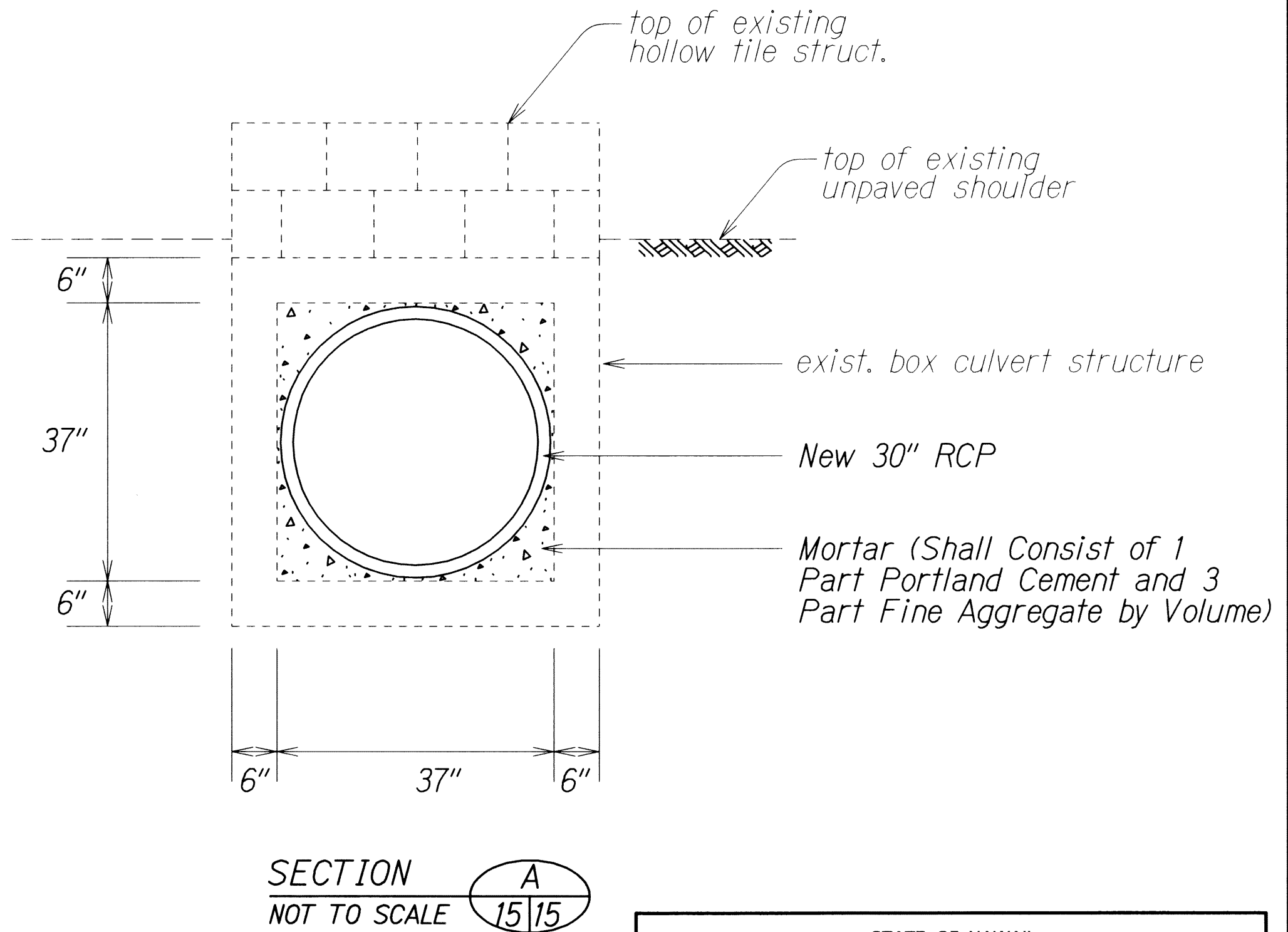
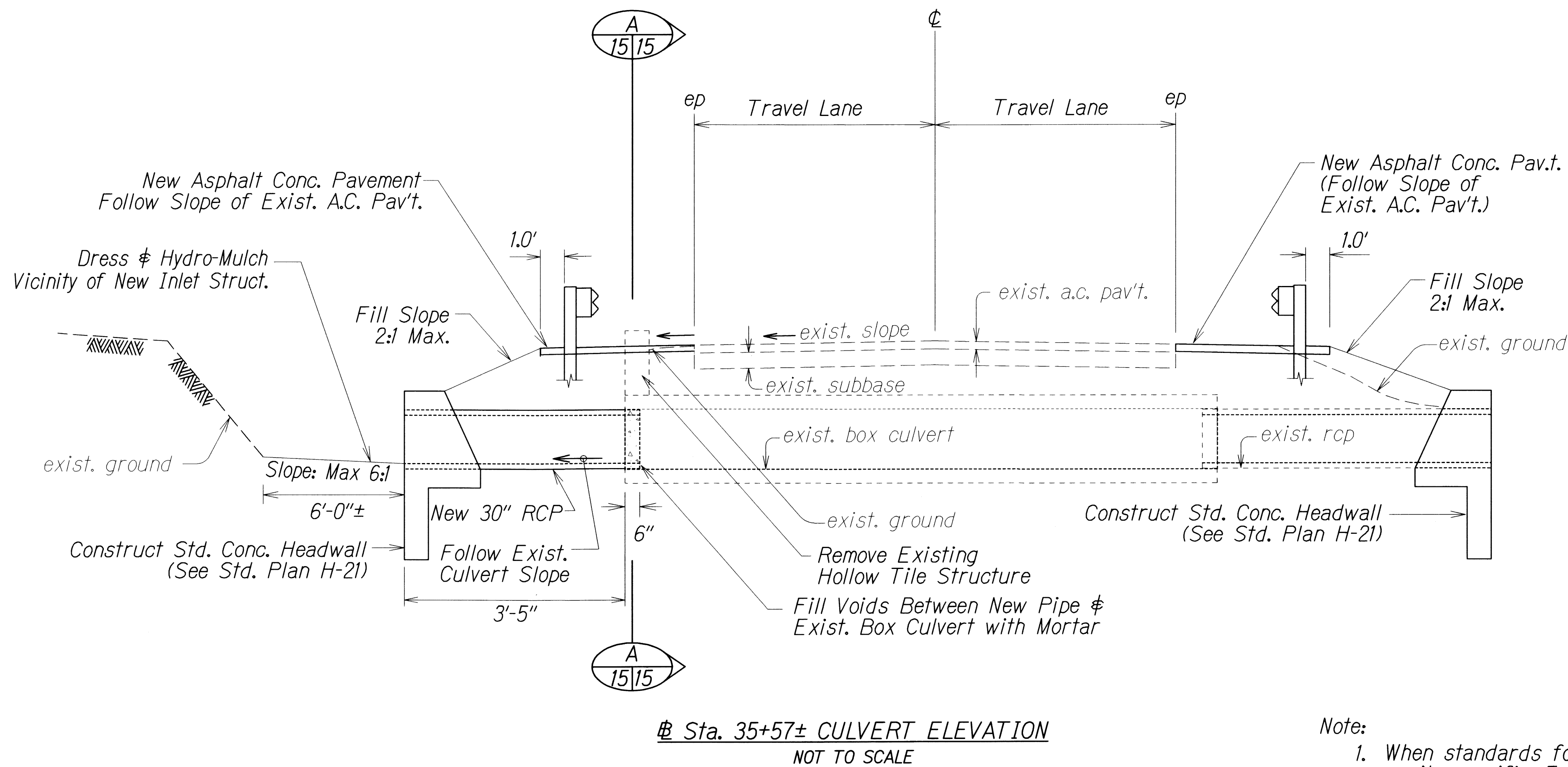
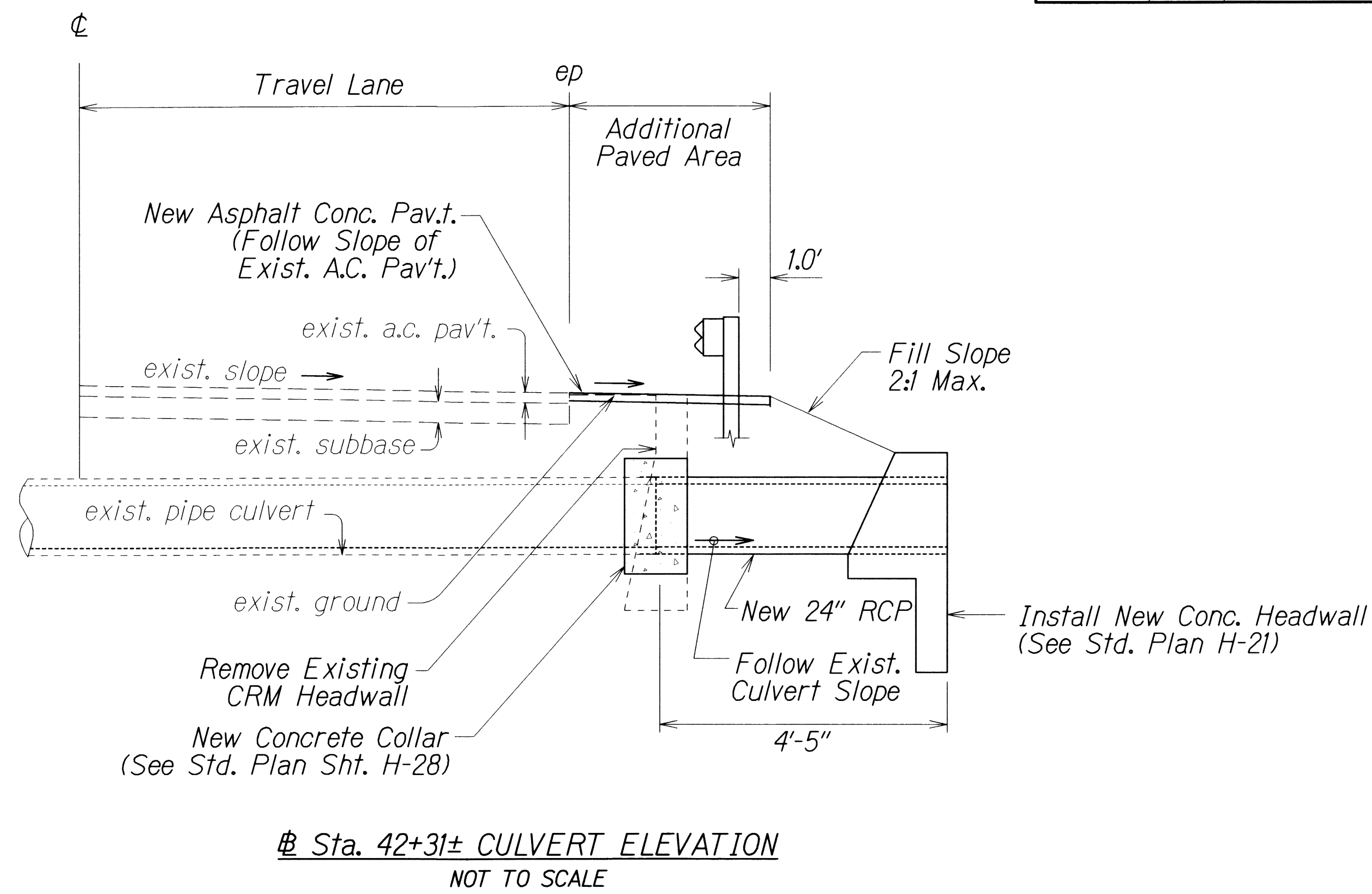
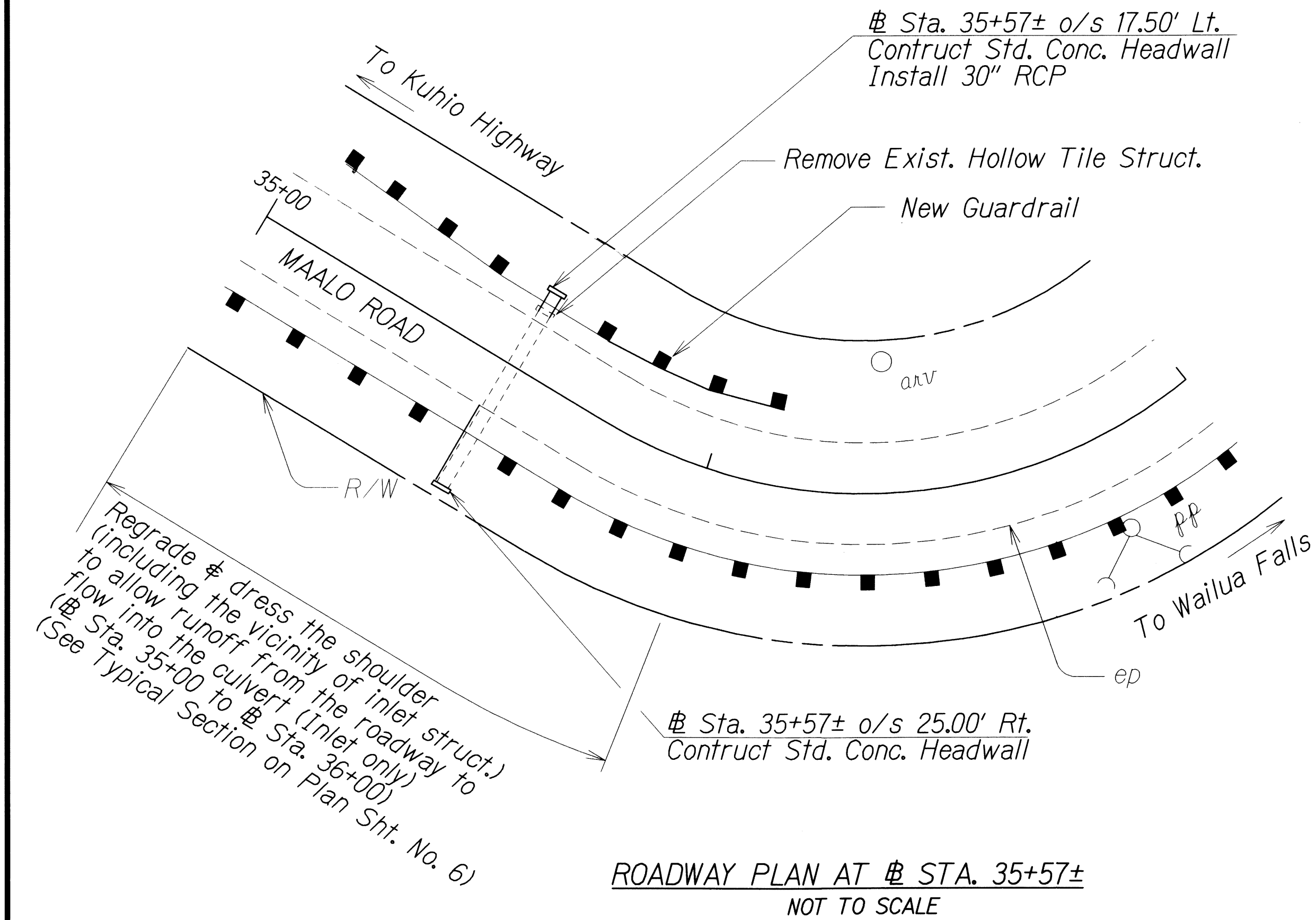


FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0583(002)	2011	15	27

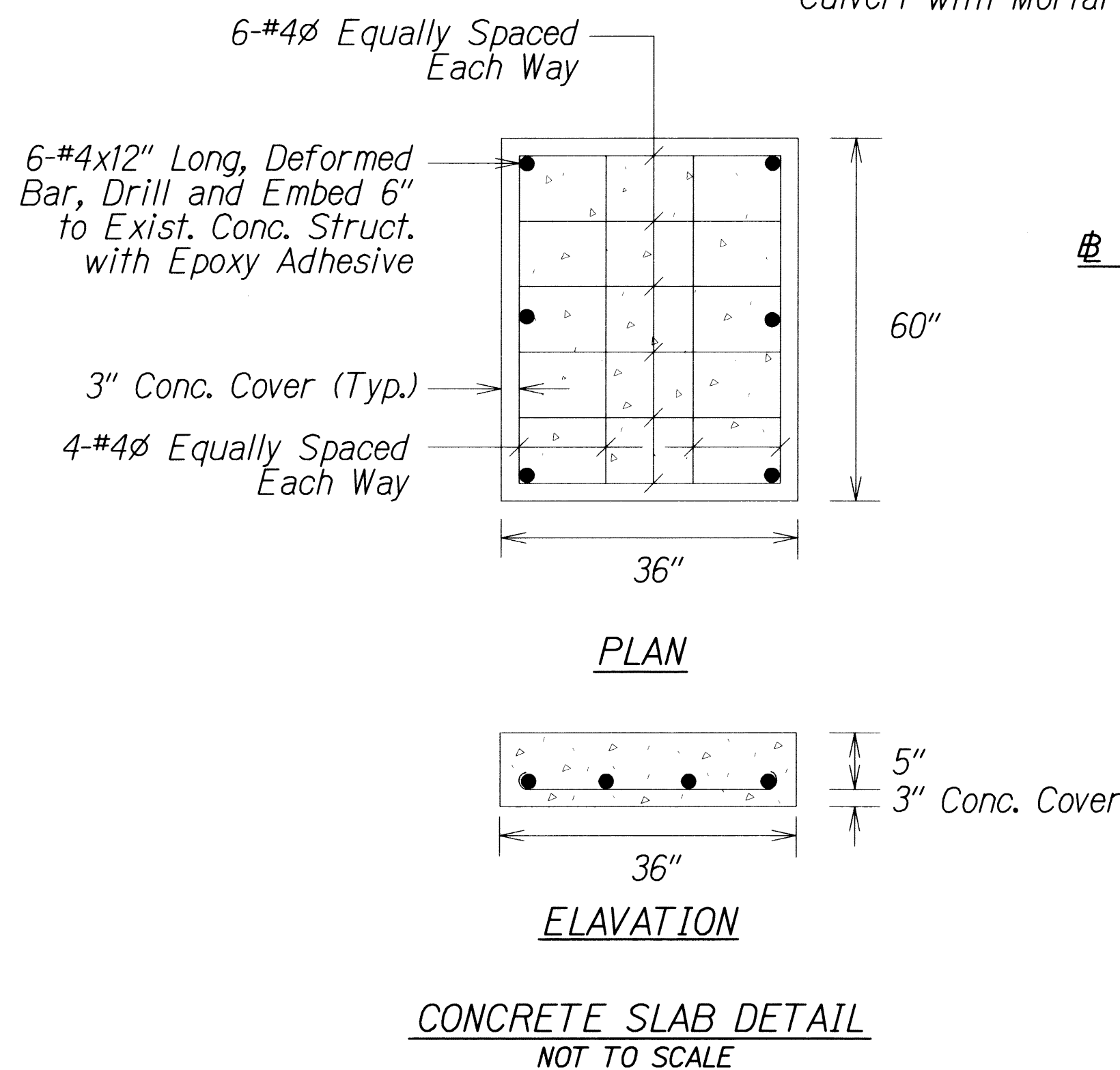
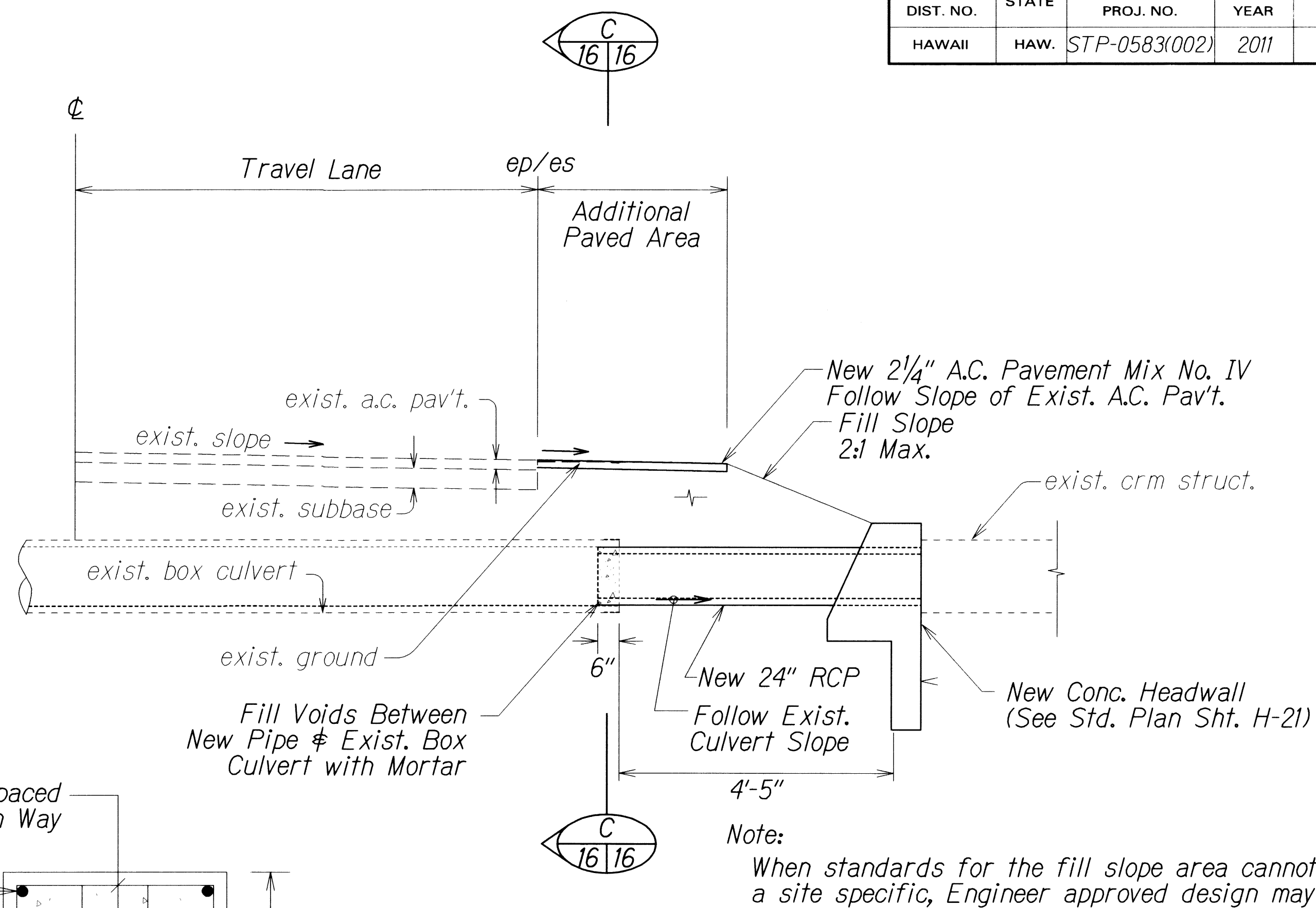
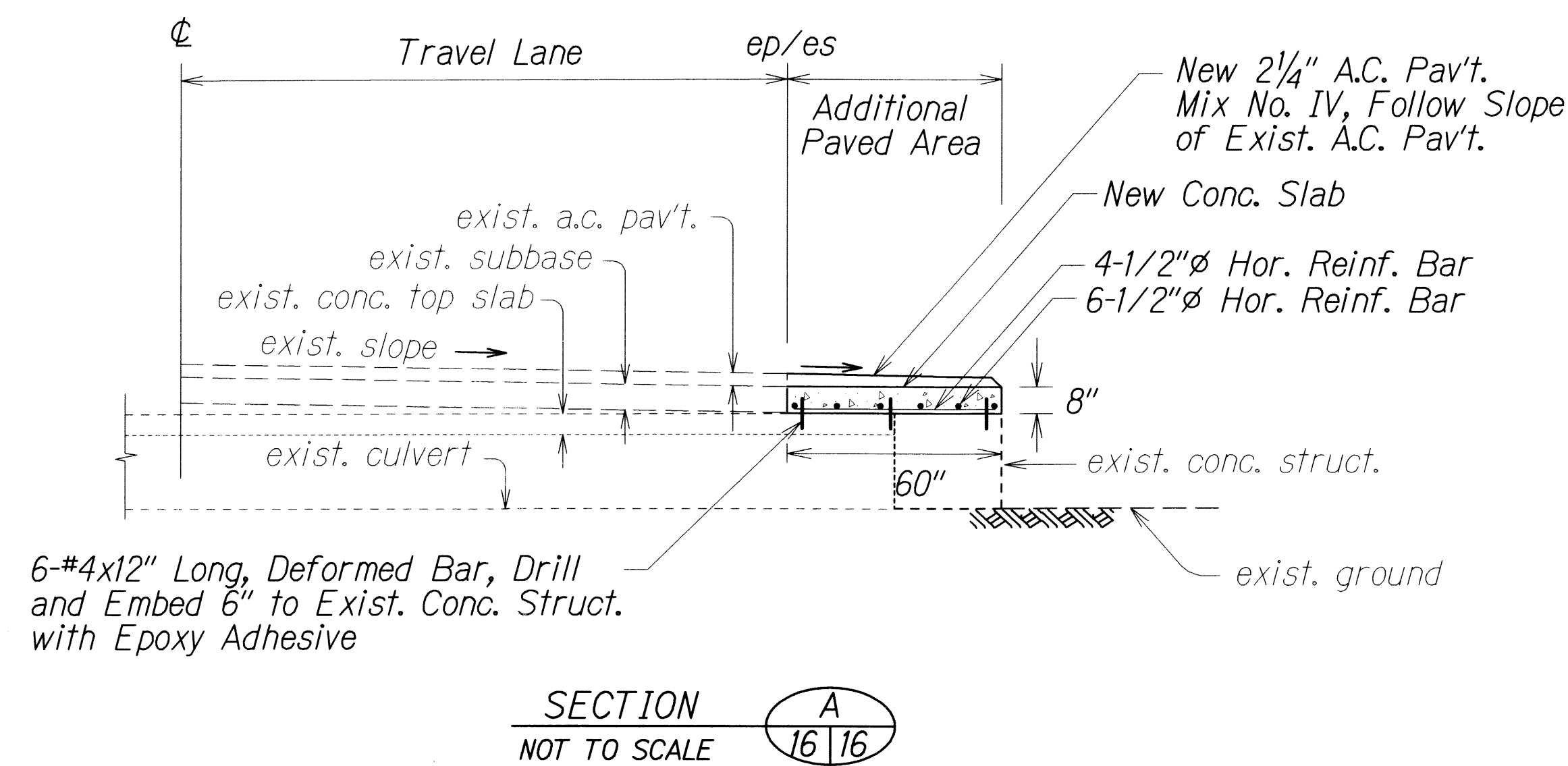
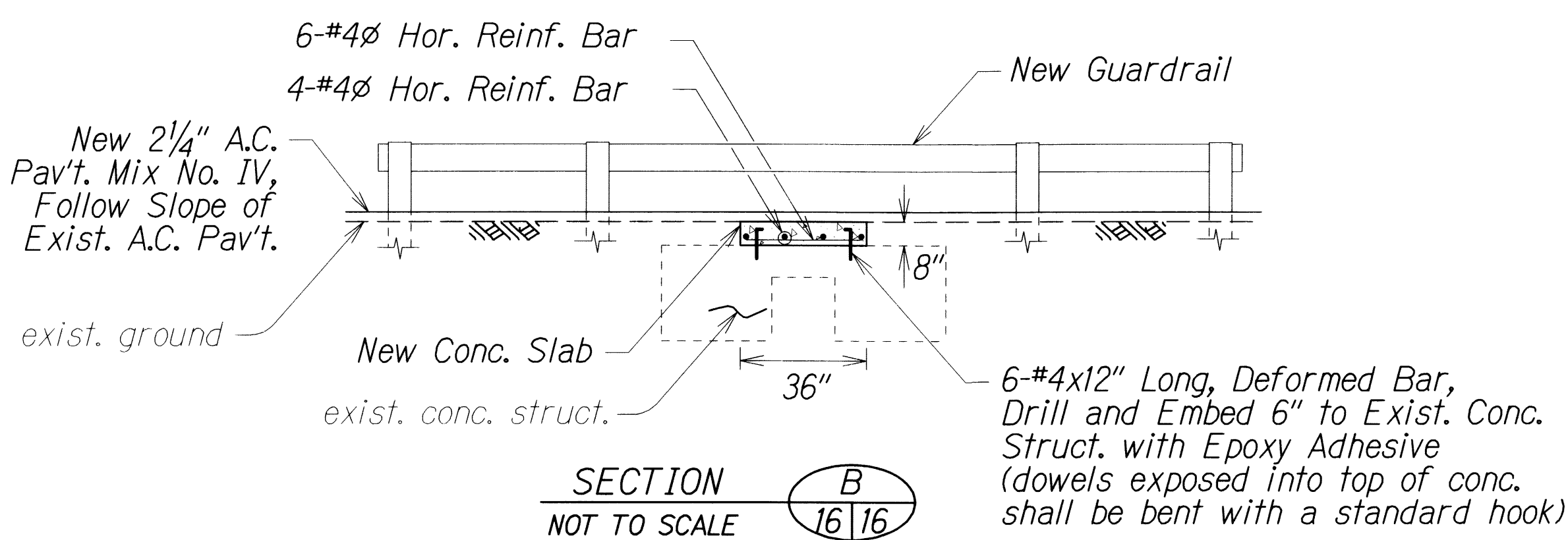
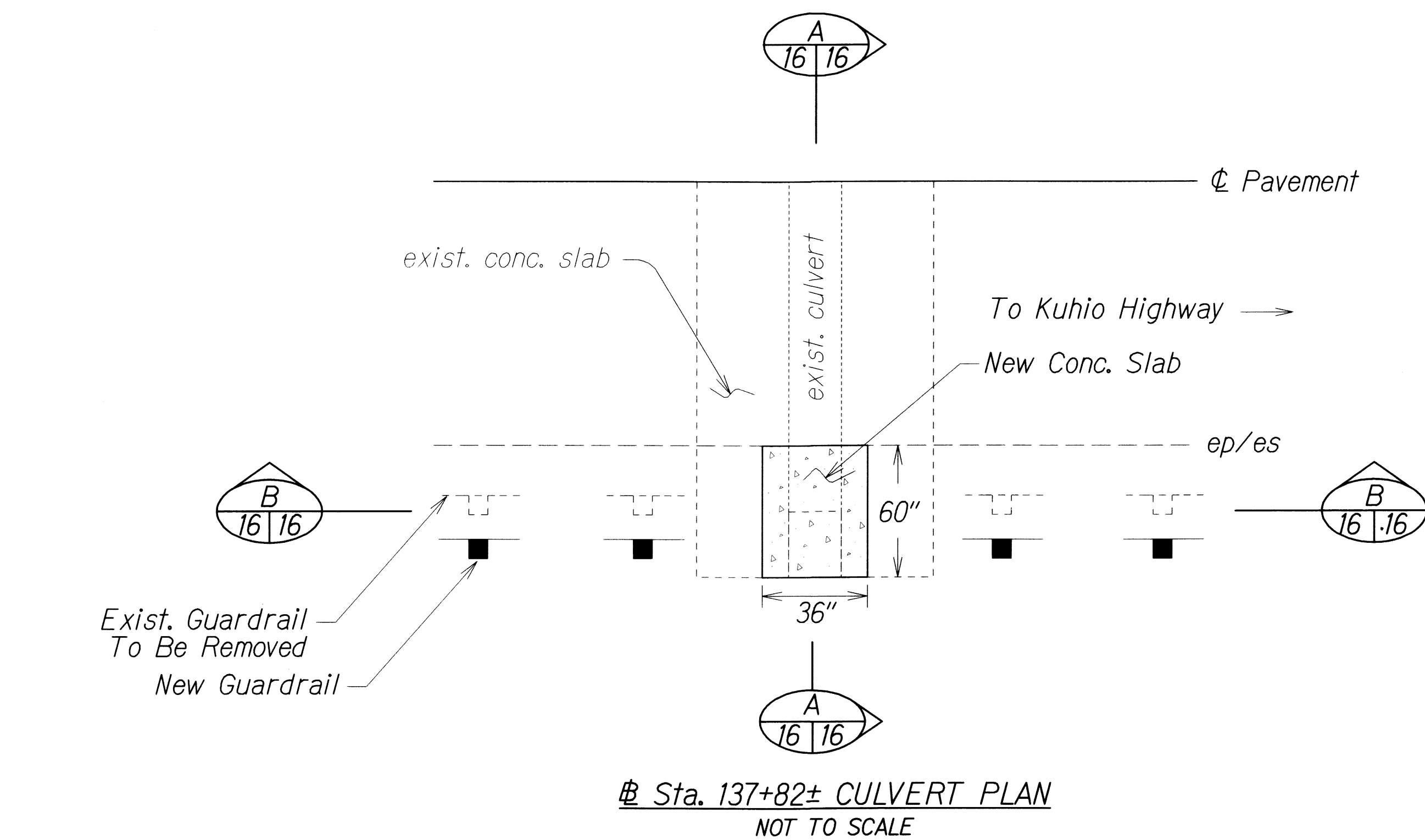


- Note:
- When standards for the fill slope area cannot be met, a site specific, Engineer approved design may be used.
 - Dress and hydro-mulch fill slope areas.

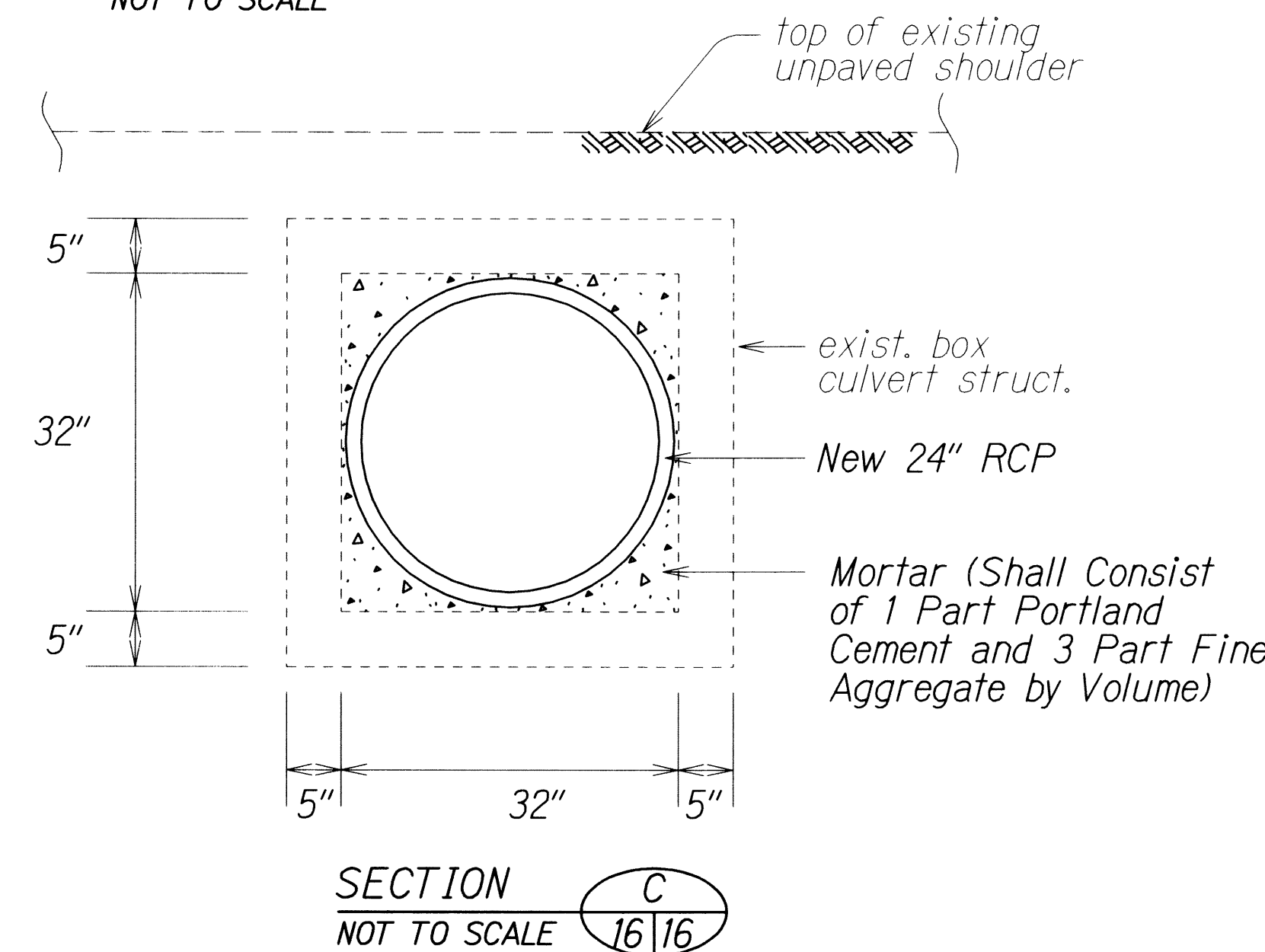
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CULVERT DETAILS
 MAALO ROAD
 GUARDRAIL AND SHOULDER IMPROVEMENTS
 Mile Post 0.0 to Mile Post 2.95
 Fed-Aid Project No. STP-0583(002)
 Not to Scale Date: Dec. 2011
 SHEET No. 1 OF 2 SHEETS

ORIGINAL PLAN	DATE 02/11
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0583(002)	2011	16	27



- Notes:
1. Installation of dowel bars and reinforcing bars, including drilling and epoxy grout shall be considered incidental to Item No. 503.0100 - Concrete Headwall.
 2. New concrete slab shall be considered incidental to Item No. 503.0100 - Concrete Headwall.
 3. Dress and hydro-mulch fill slope areas.
 4. When standards for the fill slope area cannot be met, a site specific, Engineer approved design may be used.
 5. See Std. Plan B-01 for additional Notes.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CULVERT DETAILS
MAALO ROAD
GUARDRAIL AND SHOULDER IMPROVEMENTS
Mile Post 0.0 to Mile Post 2.95
Fed-Aid Project No. STP-0583(002)
Not to Scale Date: Dec. 2011

SHEET No. 2 OF 2 SHEETS

DESIGNED BY	DATE
DRAWN BY	02/11
CHECKED BY	
NOTED BY	
APPROVED BY	