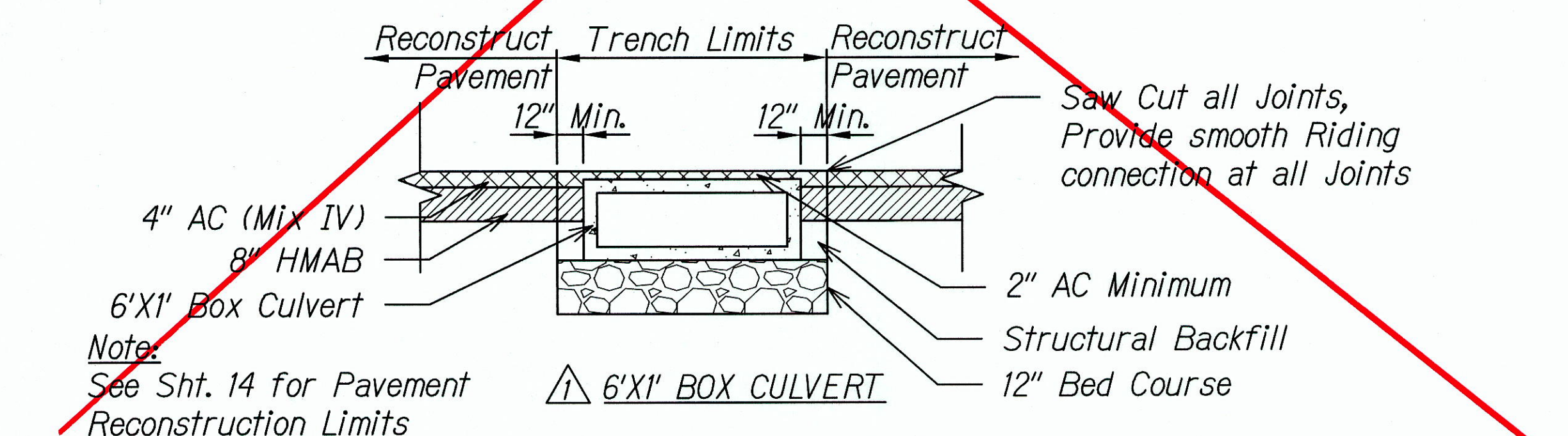
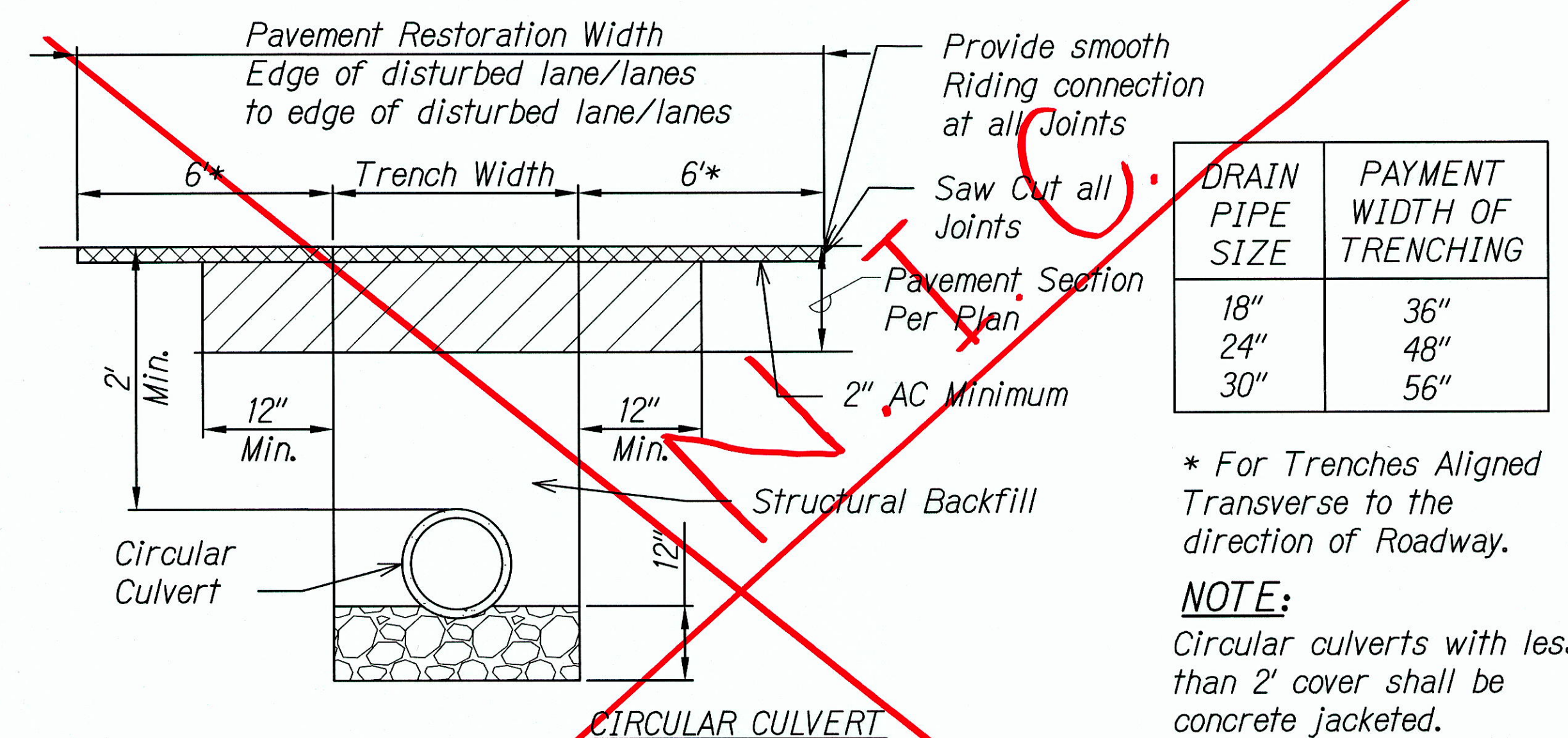
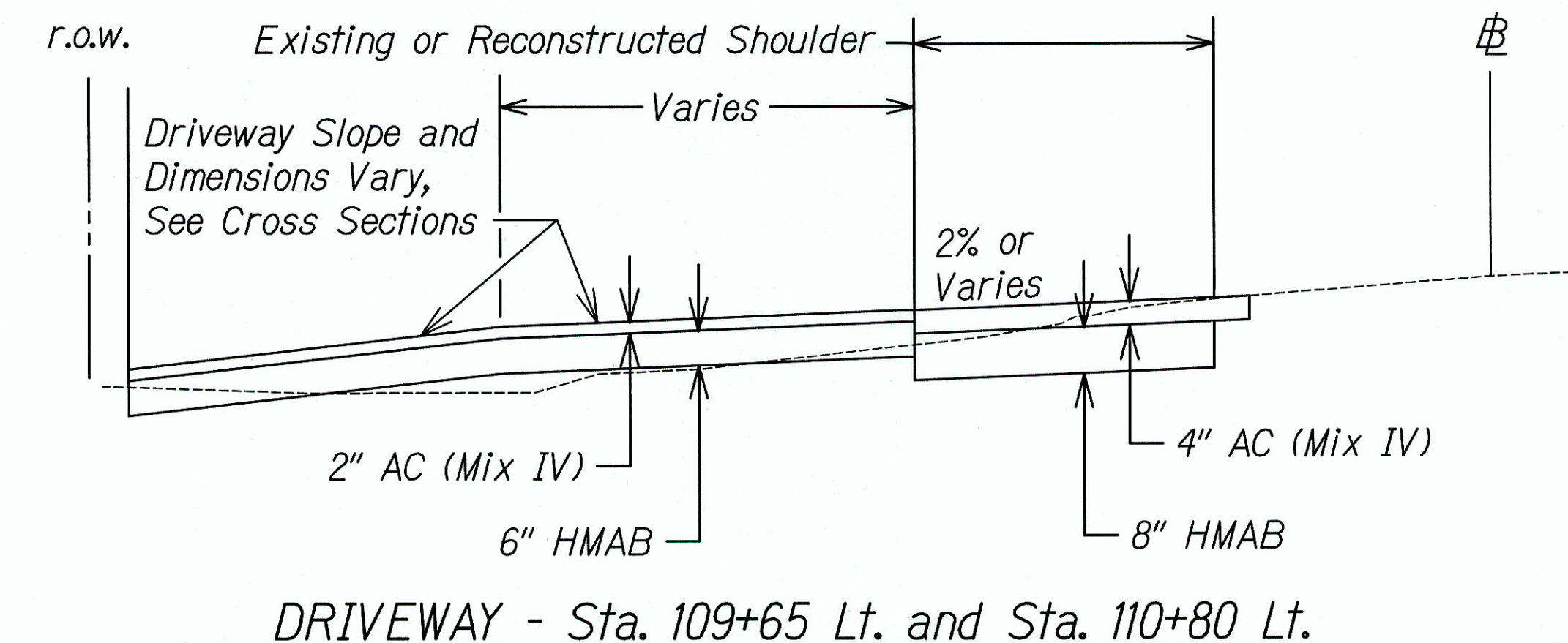
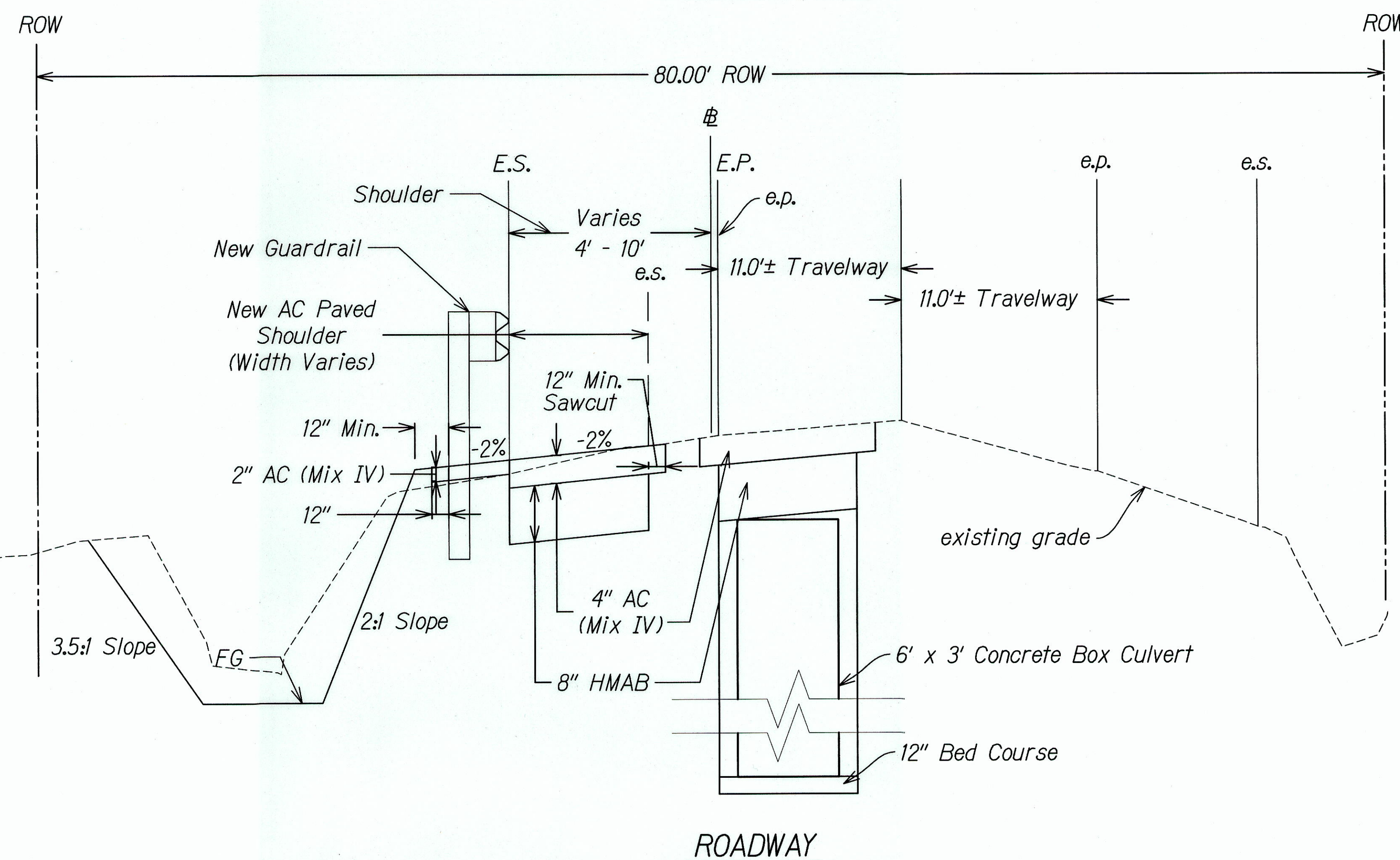
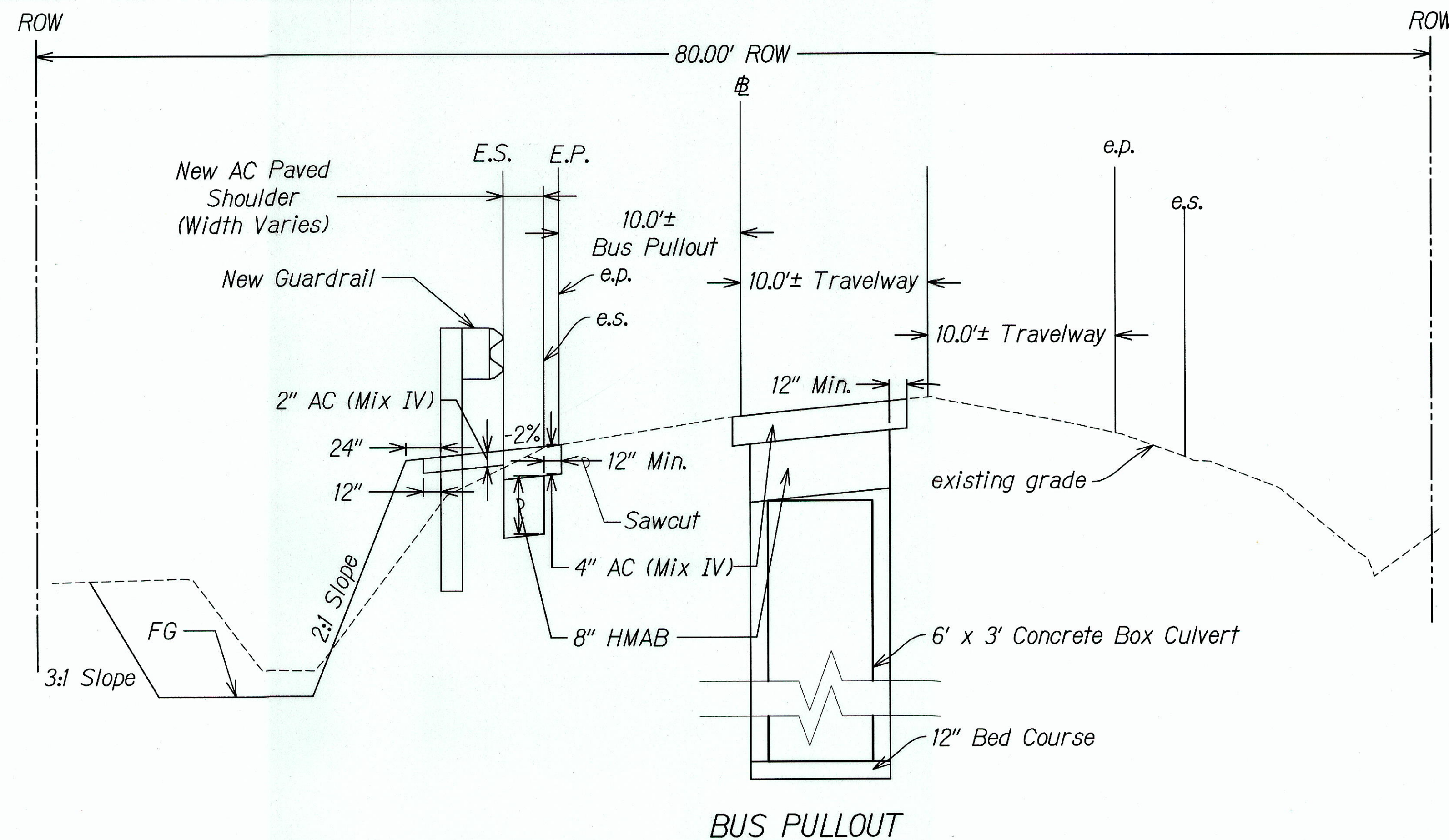
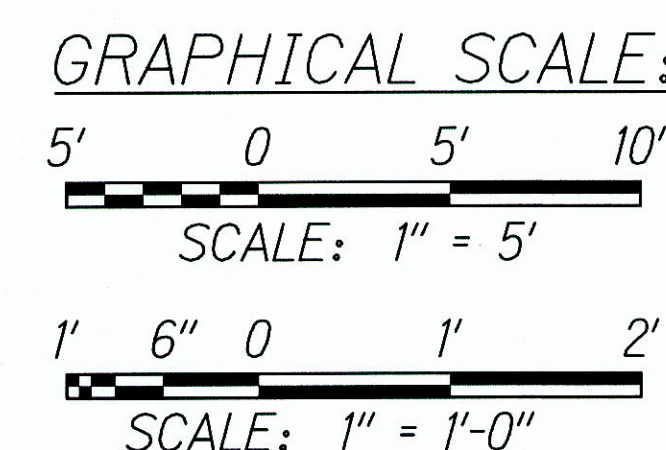


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93B-01-11	2012	12	38



TYPICAL TRENCH DETAILS
SCALE: N.T.S



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

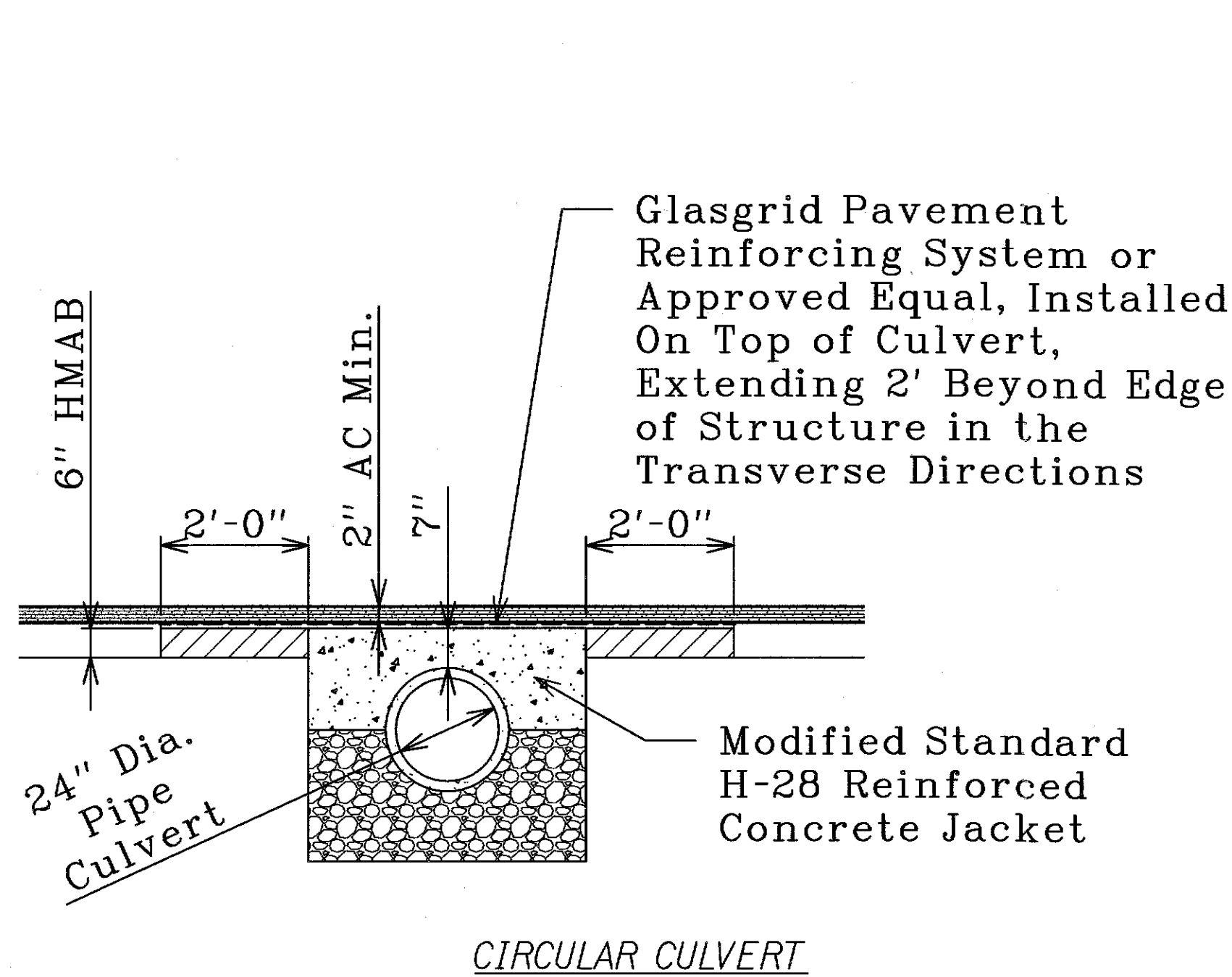
SIGNATURE: *Corey M. Matsuda* 4/30/14
EXPIRATION DATE OF THE LICENSE

6/18/12	Revised 6'x1' Box Culvert Detail
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYPICAL SECTION	
FARRINGTON HIGHWAY DRAINAGE IMPROVEMENTS Vicinity of Orange St.	
Project No. 93B-01-11	
Scale: 1" = 5'	Date: FEB 2012
SHEET No. 1 OF 1 SHEETS	

"AS-BUILT"

ADD 12

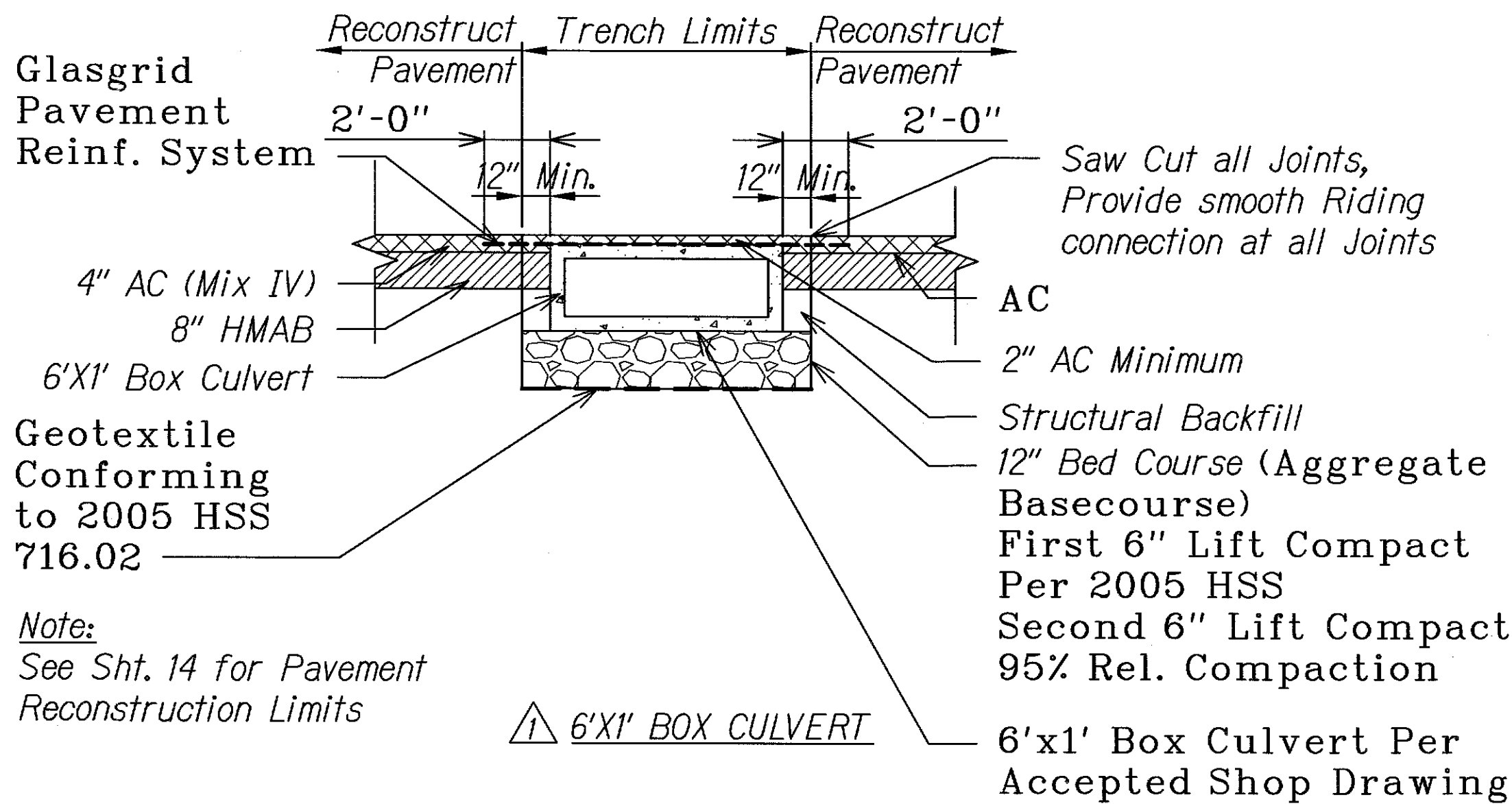
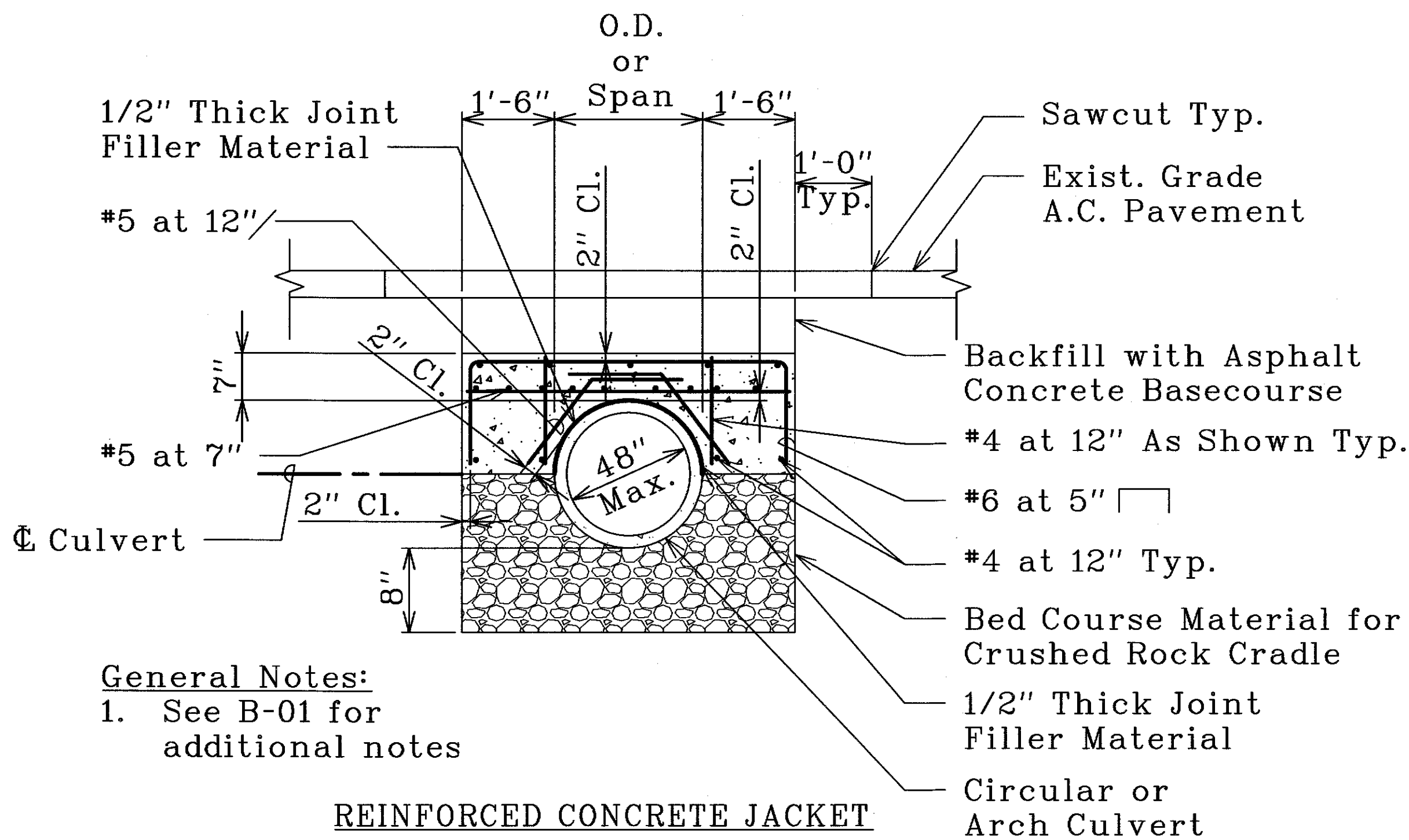
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93B-01-11	2012	12	38



DRAIN PIPE SIZE	PAYMENT WIDTH OF TRENCHING
18"	36"
24"	48"
30"	56"

* For Trenches Aligned Transverse to the direction of Roadway.

NOTE:
Circular culverts with less than 2' cover shall be concrete jacketed.



TYPICAL TRENCH DETAILS
SCALE: N.T.S

LEGEND FOR AS-BUILT POSTINGS

- Squiggly line for as-built deletion
- Double line for as-built deletion
- Roadway Text for as-built posting

6/18/12	1	Revised 6'x1' Box Culvert Detail
DATE		REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
<u>TYPICAL SECTION</u>		
FARRINGTON HIGHWAY DRAINAGE IMPROVEMENTS		
Vicinity of Orange St.		
Project No. 93B-01-11		
Scale: 1" = 5'		
Date: FEB 2012		
SHEET No. 1 OF 1 SHEETS		

"AS-BUILT"

ADD 12 S-1