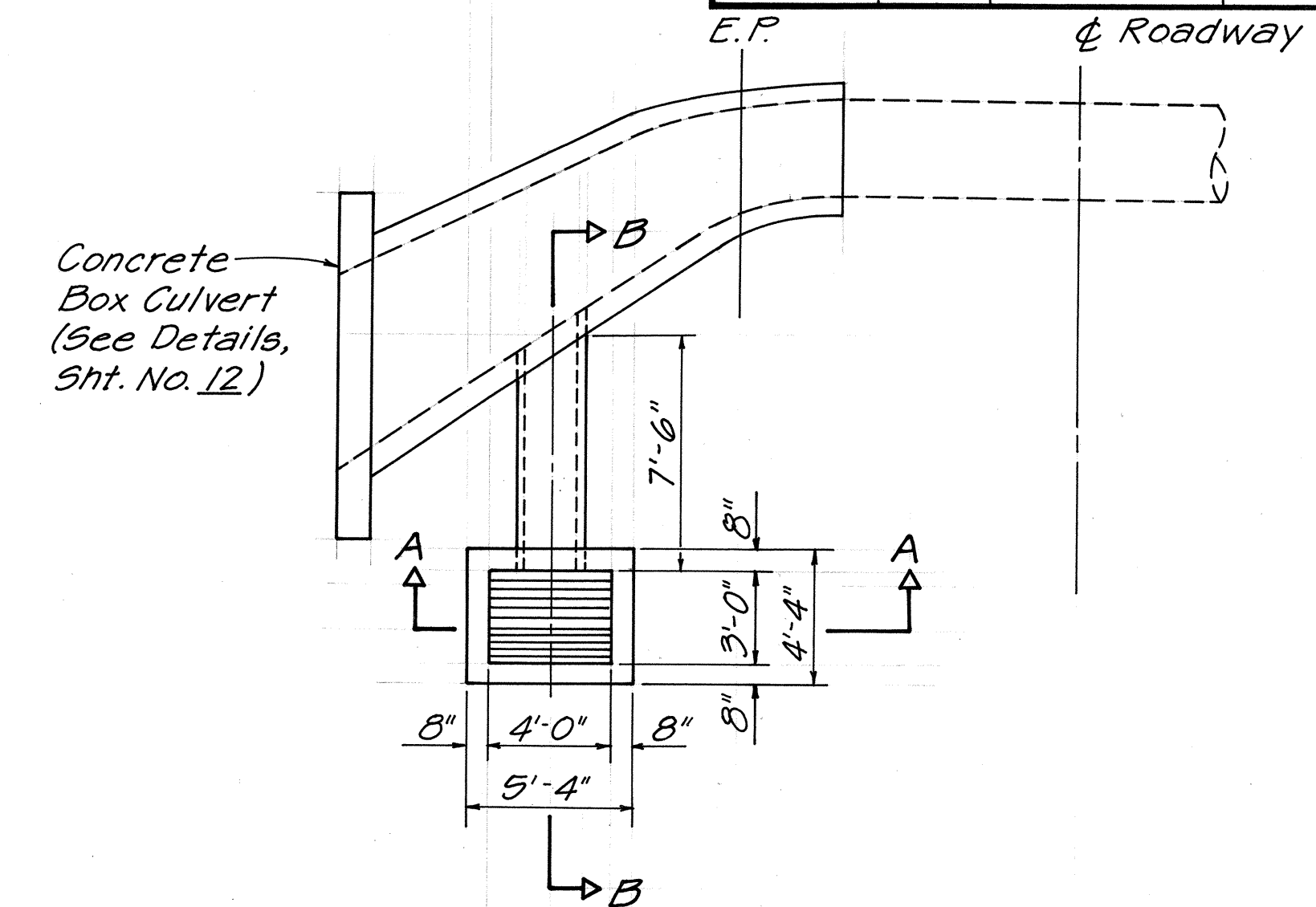


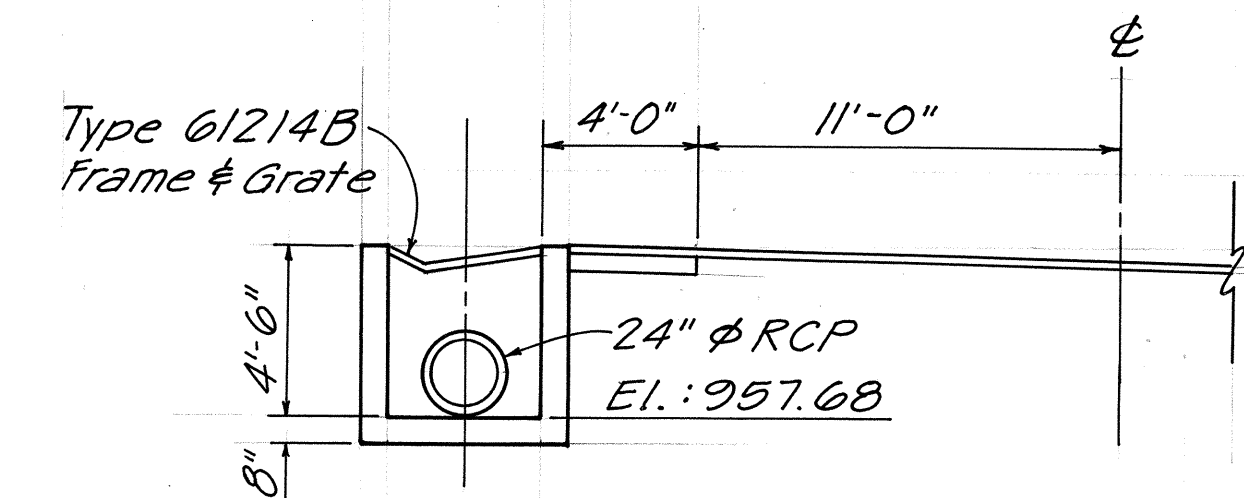
GENERAL NOTES:

- Improvements consist of widening the existing pavement which includes excavation, structure excavation and backfill, grading, paving, constructing cement rubble masonry walls and drainage facilities, installing guardrails and pavement markers, temporary striping, relocating existing traffic signs, fences and gates, and adjusting centerline monuments.
- All roadway, structural and drainage system work shall be done in accordance with all applicable sections of "Standard Specifications for Road and Bridge Construction" Highways Division, Department of Transportation, 1985 as amended.
- The contractor shall verify the exact location of the existing pipeline before proceeding with the excavation. All costs for damages to the existing water system shall be borne by the contractor. All work on the water system shall be done in accordance with the Water System Standards, Volume 1 and 2, dated 1985, and shall be coordinated with DWS personnel at all times, at phone no. 262-1421.
- The existing 8" waterline located between Stations 343+00± Lt. and 344+00± Lt. and Stations 349+85± Lt. as shown on plan sheet no. G are approximate and should there be a conflict with the new drainage facilities, the adjustment to the 8" waterline shall be done on force account basis, under a contract change order.
- The contractor's attention is directed to Subsection 107.13 - Public Convenience and Safety of the Special Provisions.
- Structure excavation for the retaining walls and drainage facilities shall be done without over-excavating the specified limit. All work shall be confined within the 50 feet roadway right-of-way. Any work or cost beyond the specified limit shall be borne by the contractor. Due to limited width of the existing roadway, construction shall be done in phases, see sheet no. 2. The contractor has the option of modifying the phases, only upon submittal of a plan and phasing sequence, and approval in writing by the Engineer.
- No material and/or equipment shall be stockpiled/stored within the State Highway right-of-way except at locations approved in writing by the Engineer. The contractor may dispose excess excavated material along low areas adjacent to the existing roadway (vicinity of the project), and as directed by the Engineer. This work will be considered incidental to roadway excavation.
- Asphalt concrete for leveling course shall be paid under Item No. 401.0500 - Asphalt Concrete Pavement, Mix No. V.
- Tack Coat shall be incidental to Item No. 401.0500 - Asphalt Concrete Pavement, Mix No. V.
- Construct smooth and easy riding connections at all pavement cut lines where new pavement abuts existing pavement.
- Pavement area to be striped shall be broomed off by the contractor prior to striping. This work will be considered as incidental to Item No. 401.0500 - Asphalt Concrete Pavement, Mix No. V.
- All permanent striping will be done by State Maintenance Forces.
- All construction signs shall be reflectorized with high intensity reflective sheeting.
- Construction warning signs paid for under item nos. 621.7120 and 621.7121, and portable concrete barriers under item nos. 646.1000 and 646.1010 shall be removed by the contractor and delivered to the State Highway Maintenance Baseyard location to be designated by the Engineer upon completion of the project. This work shall be considered incidental to the above contract items.
- Existing pavement surface variable. Finish roadway grades to be determined and or adjusted in the field by the Engineer.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11B-02-89	1989	3	15

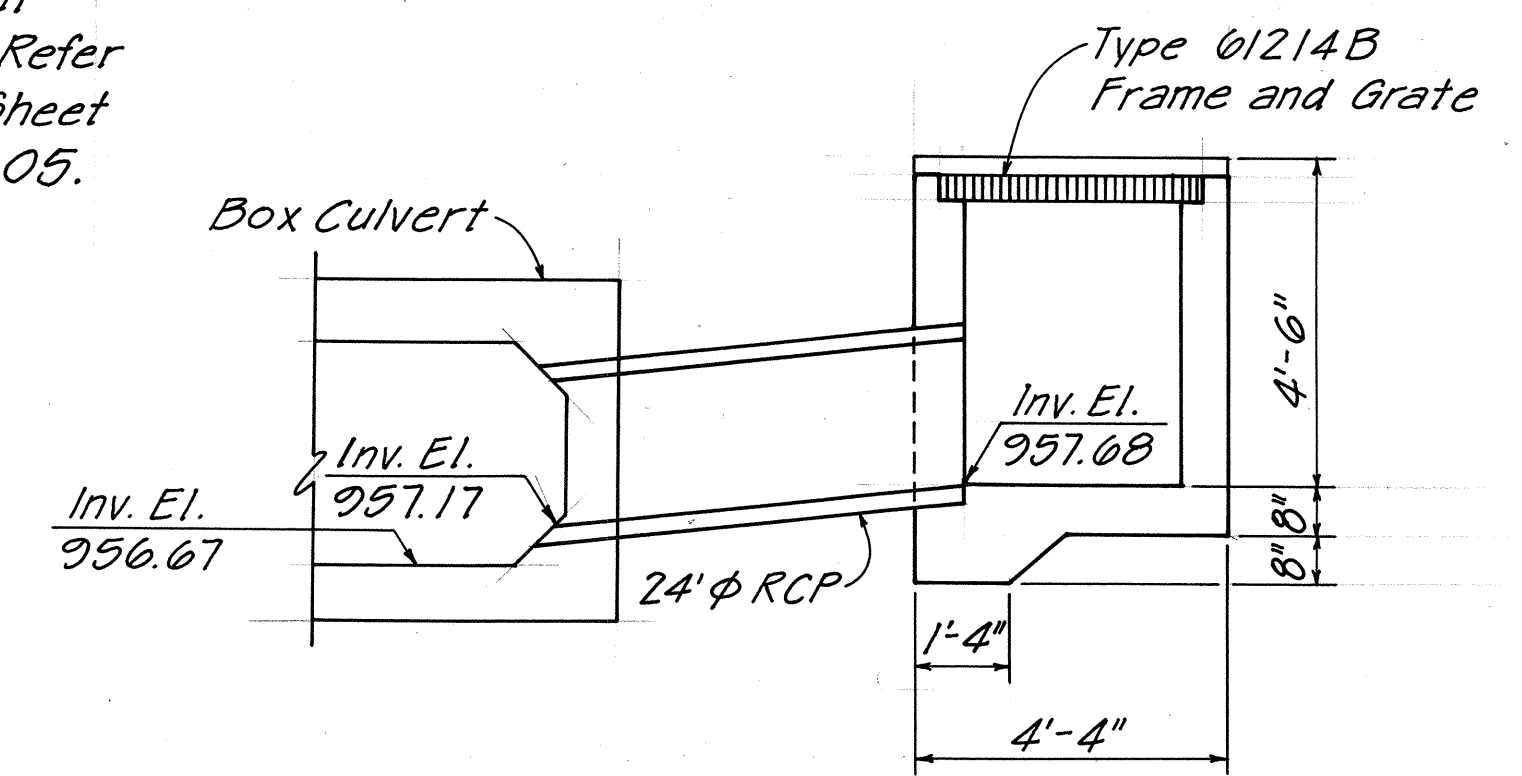


**PLAN-CATCH BASIN
@ STA. 349+73± LT.**
Scale: 1"=5'-0"



SECTION "A-A"
Scale: 1"=5'-0"

Note:
For Catch Basin
Reinf. Details Refer
to Std. Detail Sheet
Nos. H-04 & H-05.



SECTION "B-B"
Scale: 3/8"=1'-0"

CATCH BASIN DETAILS @ STA. 349+73± LT. (C.C.O.#6)

NOTE:
Details added during
"As-Built" Posting.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GENERAL NOTES
HAWAII BELT ROAD SAFETY IMPROVEMENTS VICINITY OF CITY OF REFUGE ROAD
PROJECT NO. 11B-02-89
Date: Apr. 1989
SHEET No. 1 OF 1 SHEETS