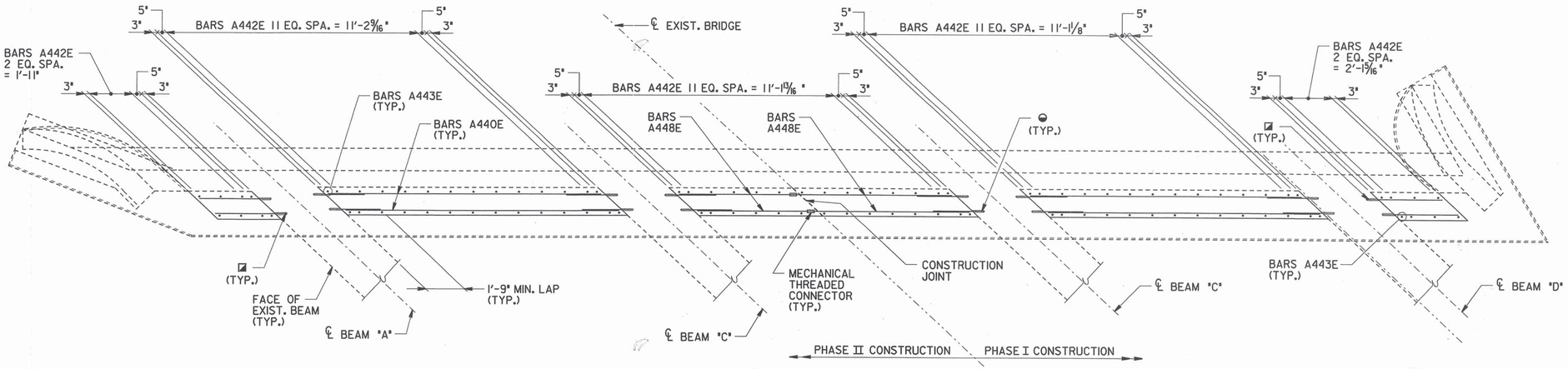
PROJECT NO.	YEAR	SHEET NO.
73100-4104-04	2007 1	

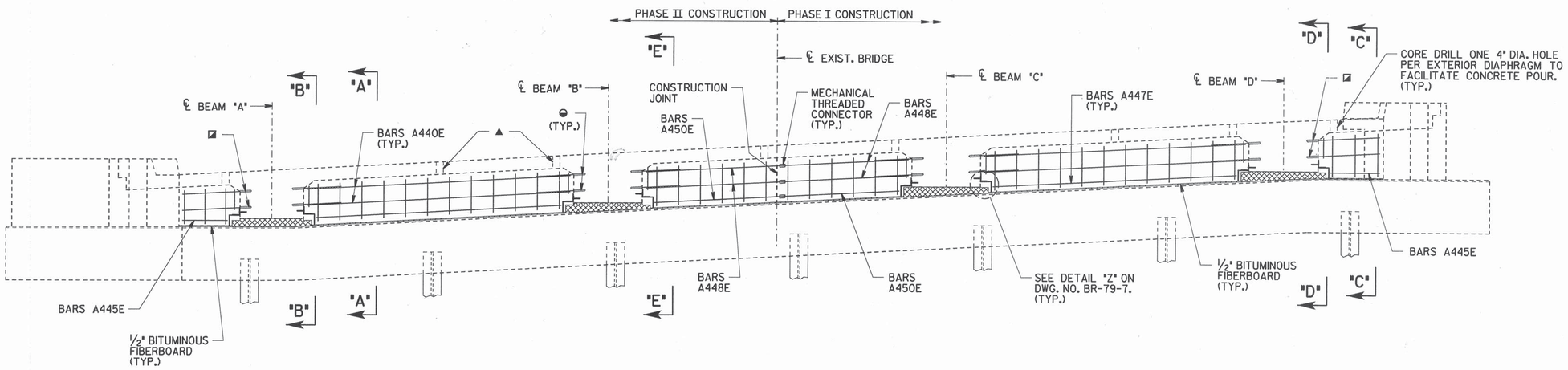
REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1		RC	REVISED DATE



PLAN

NOTE: ALL EPOXY INJECTION CRACK REPAIRS TO BEAMS SHALL BE COMPLETE AND FULLY CURED PRIOR TO BEGINNING BACKWALL REPAIRS. SEE DWG. NO. BR-79-4 FOR CRACK LOCATIONS.



ELEVATION

(LOOKING BACK ON SURVEY)

◒ DENOTES: BARS A444E @ 9" SPA. DRILLED AND GROUTED INTO EXISTING BEAM WITH 6" EMBEDMENT. SEE GENERAL NOTES ON DWG. NO BR-79-2.

◪ DENOTES: BARS A446E @ 9" SPA. DRILLED AND GROUTED INTO EXISTING BEAM WITH 6" EMBEDMENT. SEE GENERAL NOTES ON DWG. NO BR-79-2.

▲ DENOTES: CORE DRILL TWO 4" DIA. HOLES TO FACILITATE CONCRETE POUR. LOCATE ONE HOLE AS CLOSE TO THE CENTER OF THE BAY AS PRACTICAL AND ONE HOLE AT THE HIGH END OF THE BAY TO ELIMINATE ANY AIR POCKETS.

▨ DENOTES: EXISTING RISER BLOCK AND EXPANSION DEVICE.

NOTE: FOR BILL OF STEEL, SEE DWG. NO. BR-79-7.

NOTE: PROVISIONS SHALL BE MADE DURING CONCRETE REMOVAL TO PROTECT THE EXISTING REINFORCING STEEL FROM DAMAGE. THE EXISTING REINFORCING STEEL SHALL BE COMPLETELY CLEANED, REALIGNED AND INCORPORATED INTO THE NEW CONSTRUCTION.

NOTE: FOR SECTIONS "A-A", "B-B", "C-C", "D-D" AND "E-E", SEE DWG. NO. BR-79-7.

NOTE: THE COST OF REMOVING LOOSE PORTIONS OF EXISTING CONCRETE, AS DIRECTED BY THE ENGINEER, COMPLETELY CLEANING EXISTING REINFORCING STEEL (AS NECESSARY), 18 HOUR CONCRETE, FORMING, LABOR AND ALL MISCELLANEOUS MATERIAL NECESSARY TO COMPLETE THE REPAIR AS SHOWN SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 604-10.42, CONCRETE REPAIRS, C.F.

NOTE: FOR HIGH EARLY STRENGTH CONCRETE USED FOR NEW DIAPHRAGMS BETWEEN BEAMS USE LOWEST PRACTICABLE SLUMP. AS NECESSARY, INCREASE DOSAGE OF AIR ENTRAINMENT AGENT TO SECURE THE MAXIMUM PERCENTAGE OF ENTRAINED AIR. FORMS SHOULD BE MORTAR TIGHT WHEN VIBRATED AND SHOULD GIVE NEW CONCRETE A FINISH SIMILAR TO ADJACENT AREAS. COMPLETELY FILL VOIDS UNTIL OBTAINING BACKFLOW FROM DECK HOLE. FINISHED SURFACE OF NEW CONCRETE TO BE FLUSH WITH TOP OF ADJACENT EXIST DECK SLAB SURFACE.

ESTIMATED ABUTMENT REPAIRS

LOCATION	ITEM NO. 604-10.42 C.F.
ABUTMENT NO. 2	91

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ABUTMENT NO. 2
INTERSTATE 40
OVER
OAKDALE ROAD (NFA 1203)
BRIDGE NO. 73-I40-1.08
ROANE COUNTY
2007 0

DESIGNED BY BILBREY, JEKABSONS DATE 1/06
DRAWN BY STARNES, WILSON DATE 1/06
SUPERVISED BY BILBREY, BARTHOLOMEW DATE 1/06
CHECKED BY JEKABSONS DATE 1/06

SCANNED

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