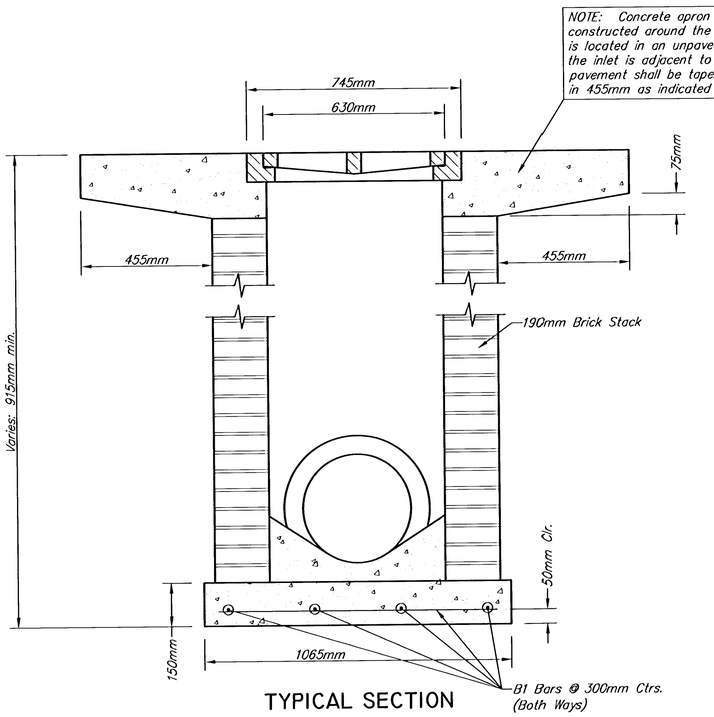
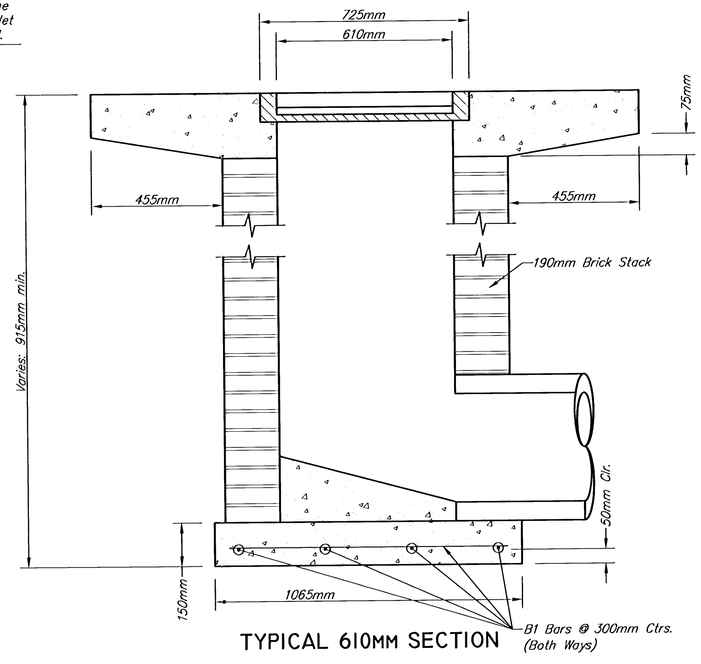
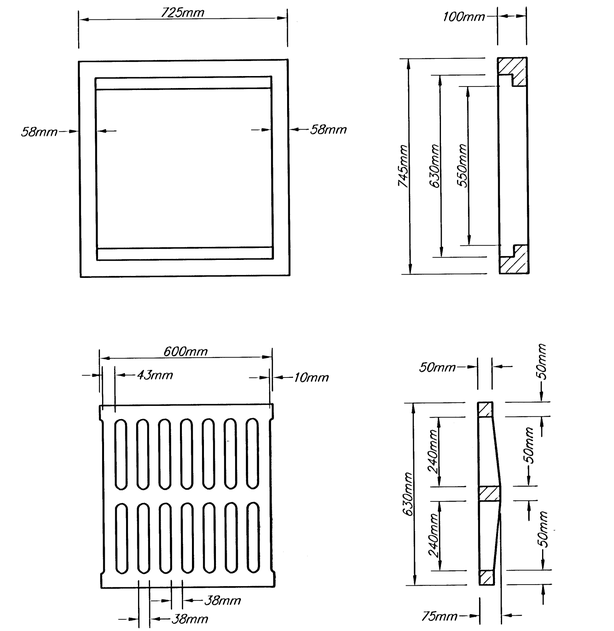
FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS



TYPICAL SECTION



TYPICAL 610MM SECTION



NOTE: Detail based on Deeter #2433 Frame and Grate. Margin of error ±5mm.

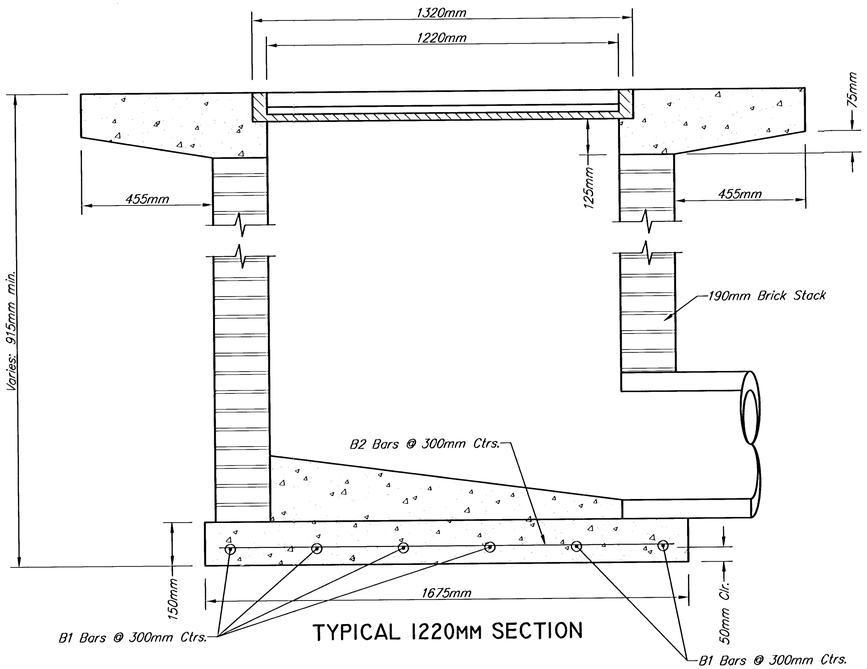
610MM X 610MM FRAME AND GRATE

Width	Length	Concrete	Cast Steel	Reinforcing Steel
610mm	610mm	0.7714m³	234 kg	7.674 kg
610mm	1220mm	1.0169m³	399 kg	12.019 kg

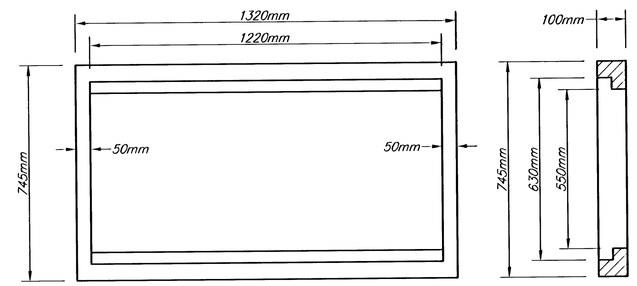
Width	Length	Bricks	Excavation
610mm	610mm	493 bricks/x*	2.772 m³/m + 1.826m³
610mm	1220mm	677 bricks/x*	3.788 m³/m + 2.093m³

*x=Inlet Depth-(150mm+Pavement Thickness+75mm)

TYPICAL INLET QUANTITIES



TYPICAL 1220MM SECTION



NOTE: Detail based on Deeter #2434 Frame. Margin of error ±5mm.

1220MM X 610MM FRAME AND GRATE

Ruggles & Bohm, P.A.
Engineering, Surveying, Land Planning
924 North Main
Wichita, Kansas 67203
www.rbkansas.com
(316) 264-8008
(316) 264-4621 fax
E-mail: info@rbkansas.com

DESIGN	R&B JOB
DRAWN	
REVIEW	SHEET 28 OF 61
UTILITY	
DATE	

DRAWING FILE

PROJECT NUMBER 472-83686