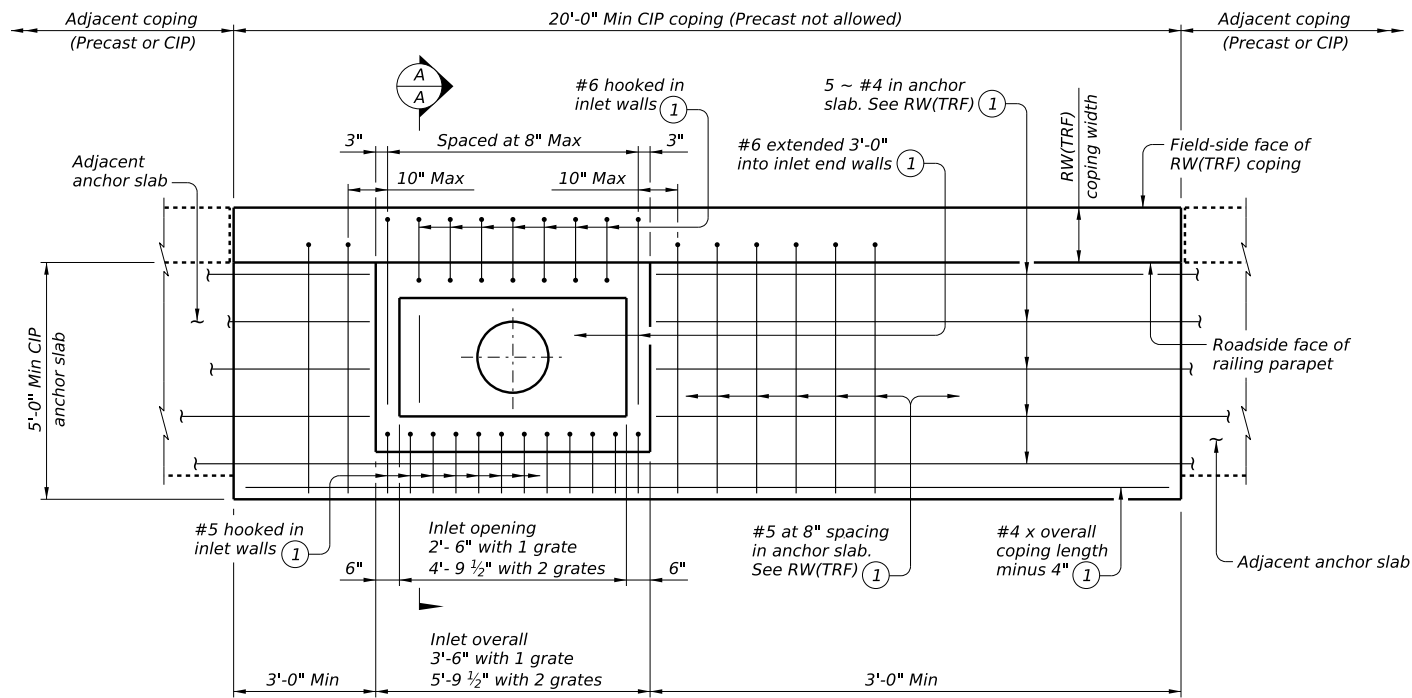


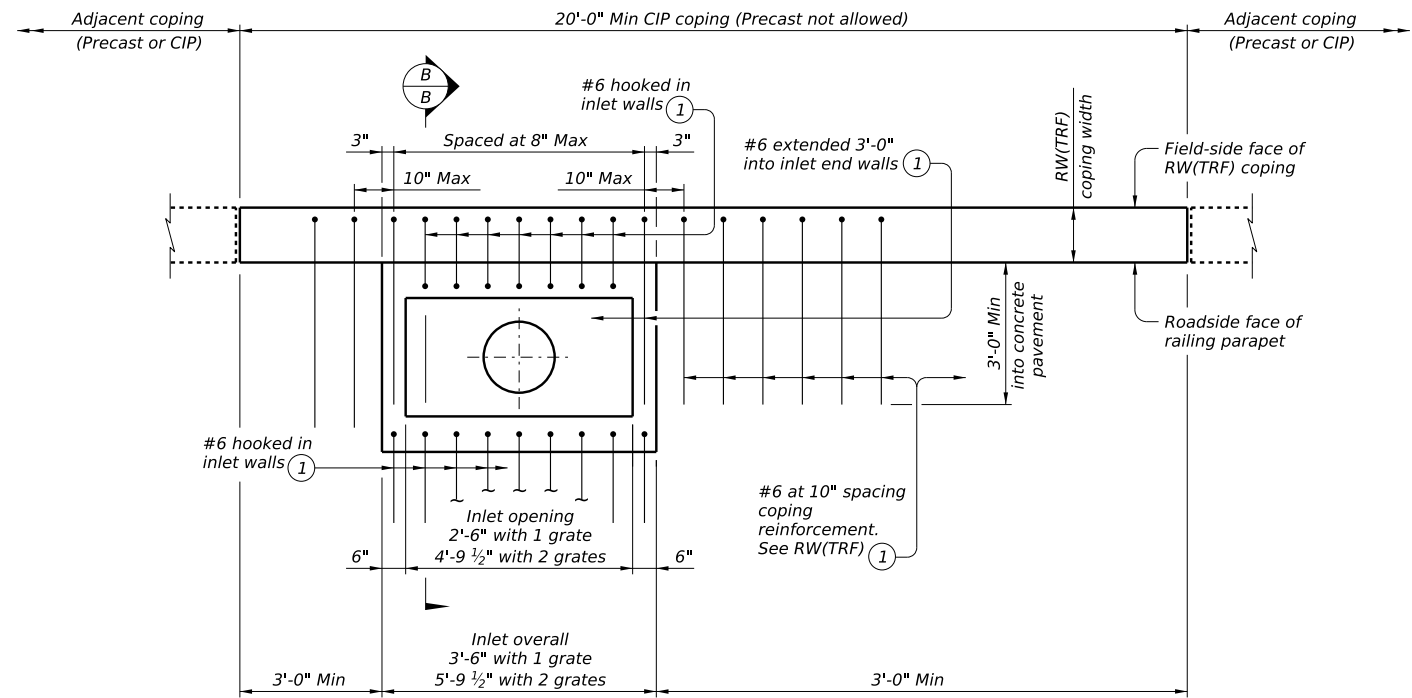
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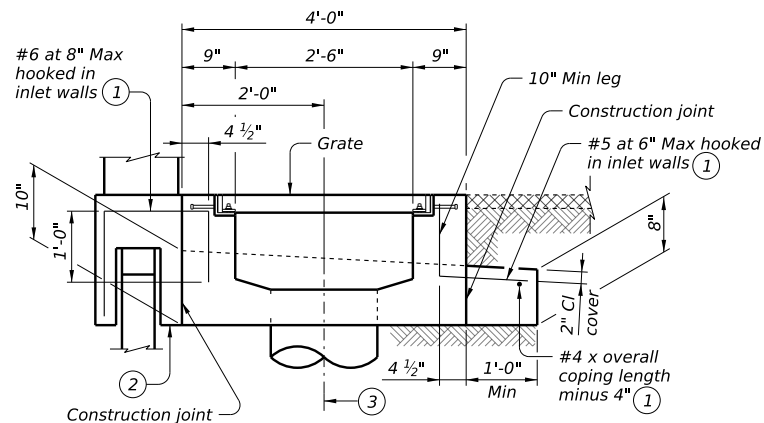
PLAN WITH ANCHOR SLAB (ADJACENT TO ACP)

Frame and grate[s] are not shown for clarity.



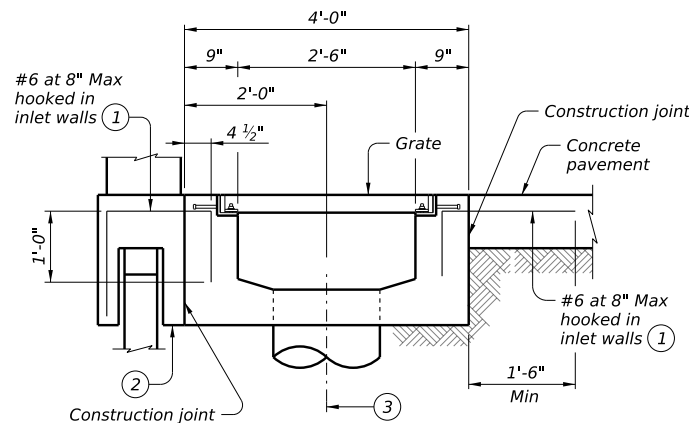
PLAN WITHOUT ANCHOR SLAB (ADJACENT TO CONCRETE PAVEMENT)

Frame and grate[s] are not shown for clarity.



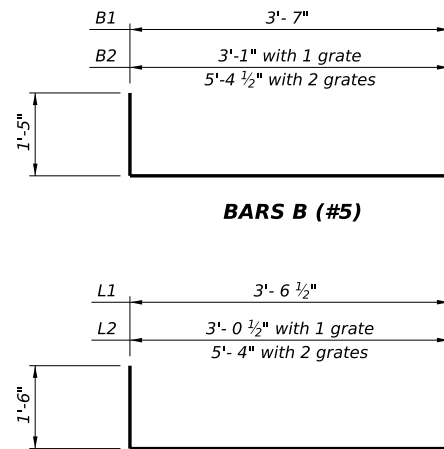
SECTION A-A

Section only shows reinforcement connecting inlet.



SECTION B-B

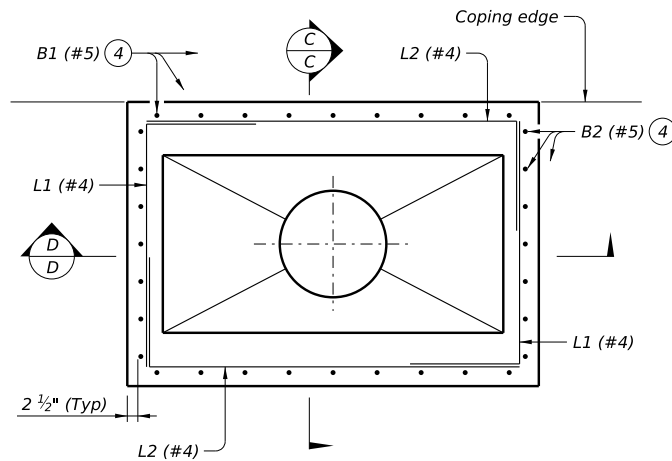
Section only shows reinforcement connecting inlet.



BARS B (#5)

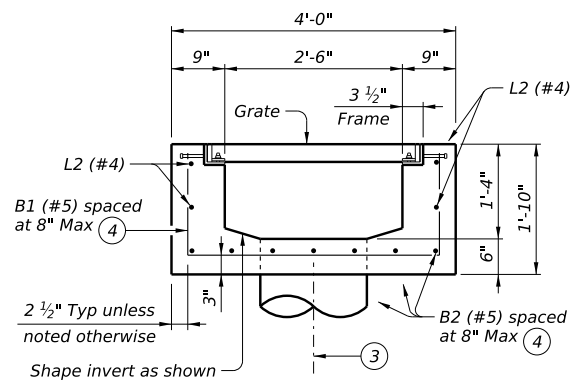
BARS L (#4)

- 1 Reinforcement considered part of retaining wall coping and is subsidiary to Item 423, "Retaining Walls."
- 2 Coping against inlet must extend to bottom of inlet or lower.
- 3 $\varnothing$ 12 inch diameter or 18 inch diameter pipe, straight drop. See details elsewhere for size and location.
- 4 Cut or bend to clear pipe.



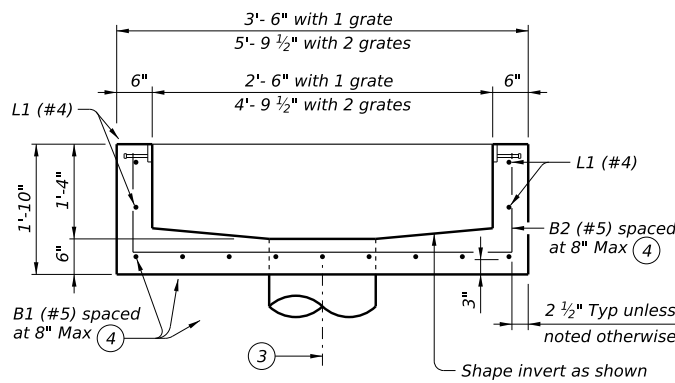
PLAN OF INLET

Plan is showing inlet reinforcing.



SECTION C-C

Shape invert as shown



SECTION D-D

Shape invert as shown

HL93 LOADING

SHEET 1 OF 2



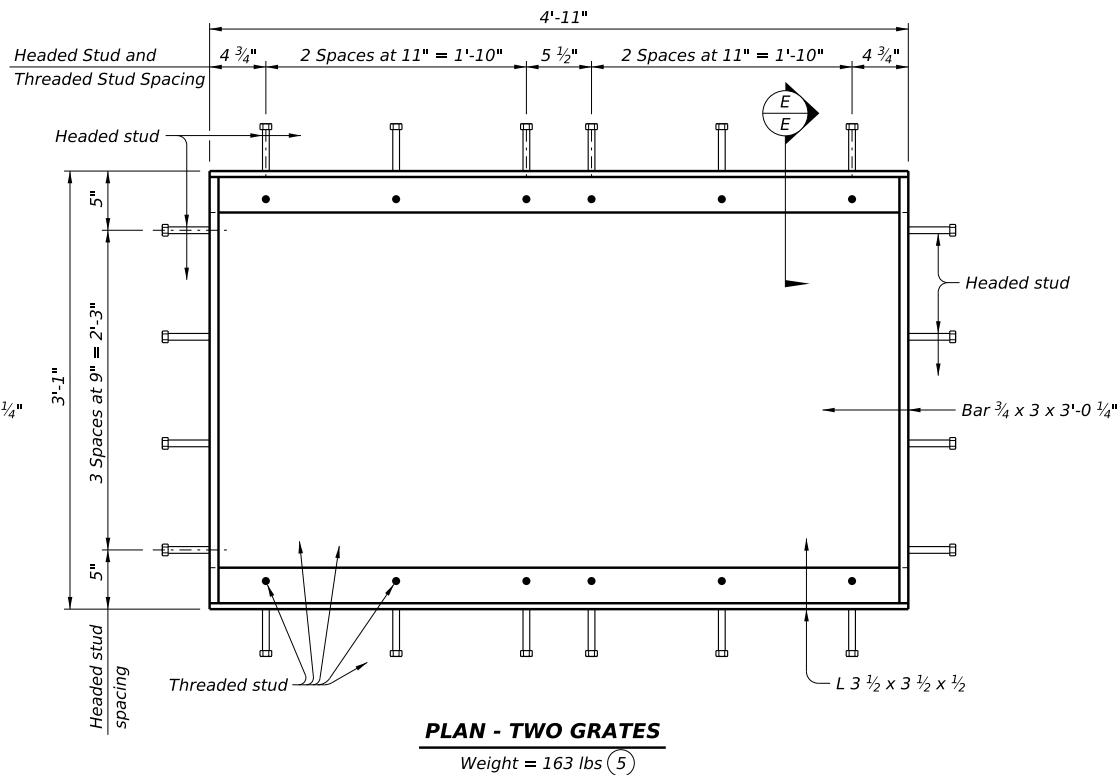
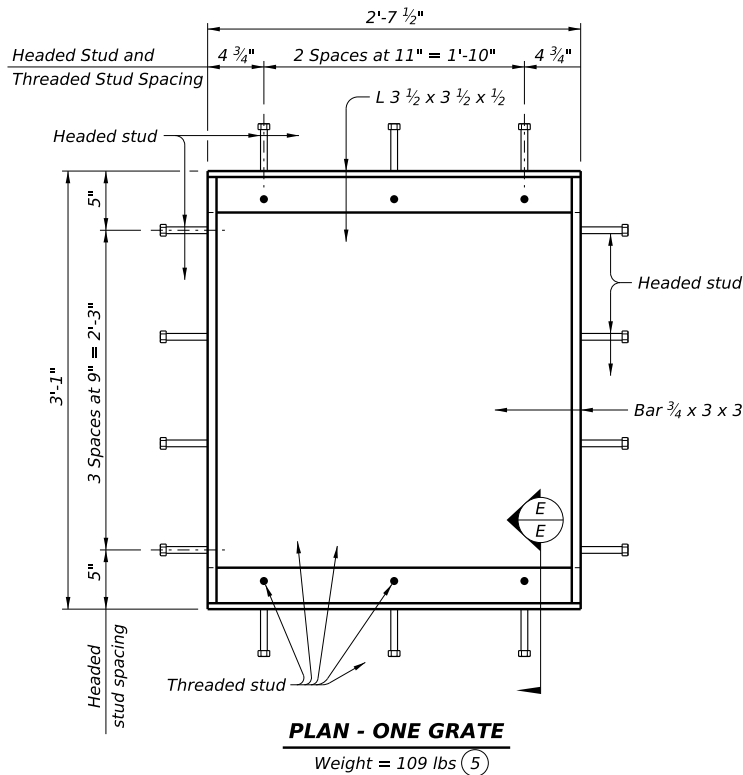
ROADWAY INLET FOR MSE RETAINING WALL TRAFFIC RAIL FOUNDATION

RW(RI)

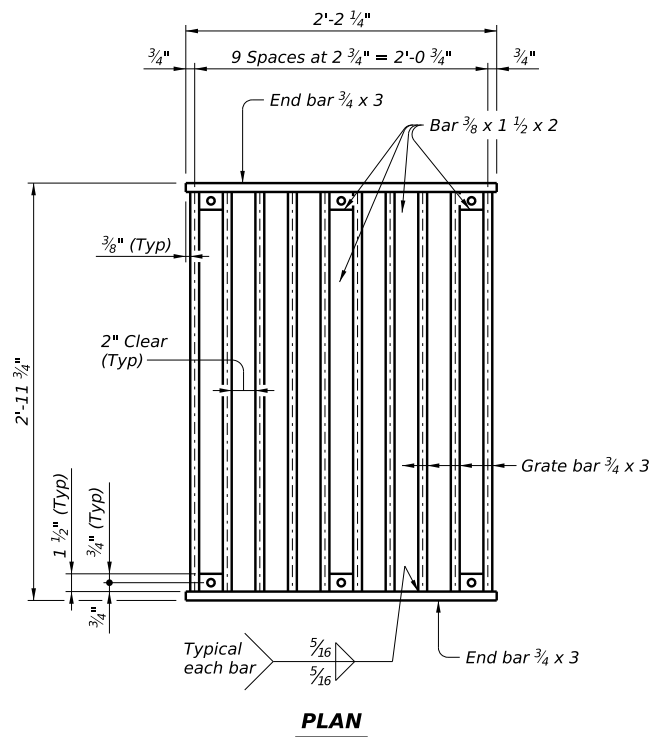
FILE: RW-RI-25.dgn	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
© TxDOT October 2025	CONT	SECT	JOB	HIGHWAY
REVISIONS	DIST	COUNTY	SHEET NO.	

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FILE:

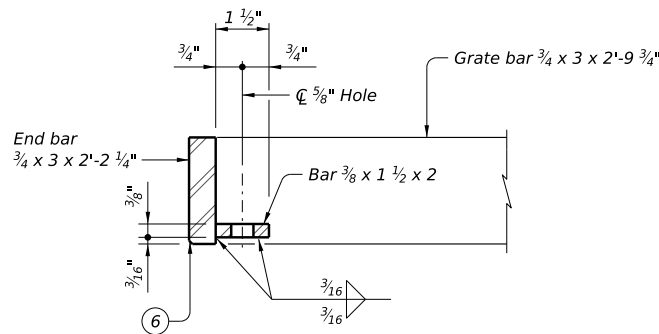


FRAME DETAILS

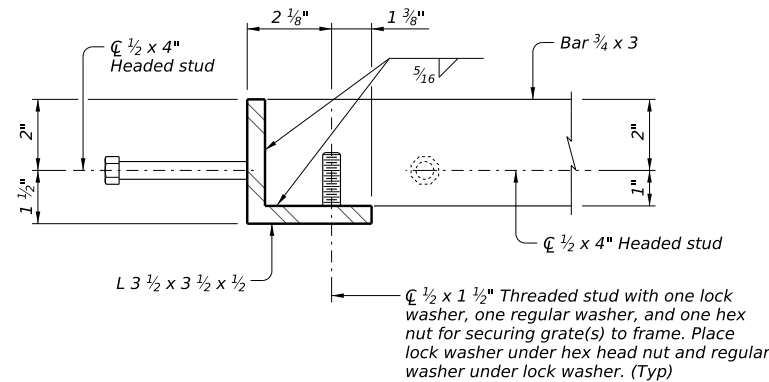


GRATE DETAILS

Weight of one grate = 251 lbs (5)



SECTION THROUGH END



FABRICATION NOTES:

Assemble grate in shop to ensure fit in field.
Electric-arc end weld all headed and threaded studs to frame with complete fusion.

MATERIAL NOTES:

Provide Class C concrete ($P_c = 3,600$ psi.)
Provide Grade 60 reinforcing steel.
Provide A572 Grade 50 or A709 Grade 50 steel for grate and frame.
Galvanize grate, frame, nuts, and washers in accordance with Item 445, "Galvanizing."

GENERAL NOTES:

Designed in accordance with AASHTO LRFD Bridge Design Specifications.
The inlets shown are intended for use as roadway inlets adjacent to traffic rail foundations placed on mechanically stabilized earth (MSE) retaining walls. See Retaining Wall Traffic Railing Foundations (RW[TRF]) standard for details not shown.
These details must be used in conjunction with the RW(TRF) standard to develop specific details for submission with the shop drawings. The steel reinforcement shown is specifically for roadway inlet.
Payment for inlets shown on this standard, including frame and grates, will be in accordance with Item 465, "Junction Boxes, Manholes, and Inlets" by the following types:
Inlet (Complete) (Type MSE1) for one grate inlets
Inlet (Complete) (Type MSE2) for two grate inlets

Cover dimensions are clear dimensions, unless noted otherwise.
Reinforcing bar dimensions shown are out-to-out of bar.

HL93 LOADING

SHEET 2 OF 2



Bridge
Division
Standard

ROADWAY INLET FOR MSE RETAINING WALL TRAFFIC RAIL FOUNDATION

RW(RI)

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