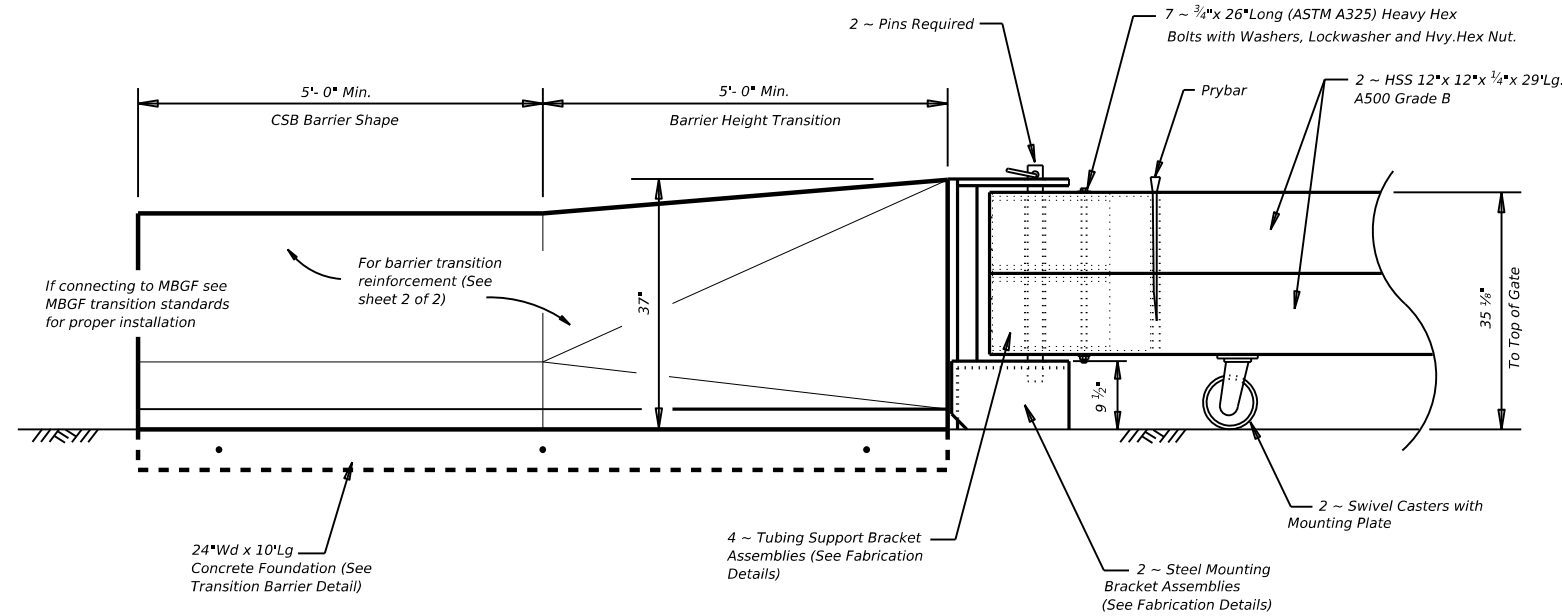
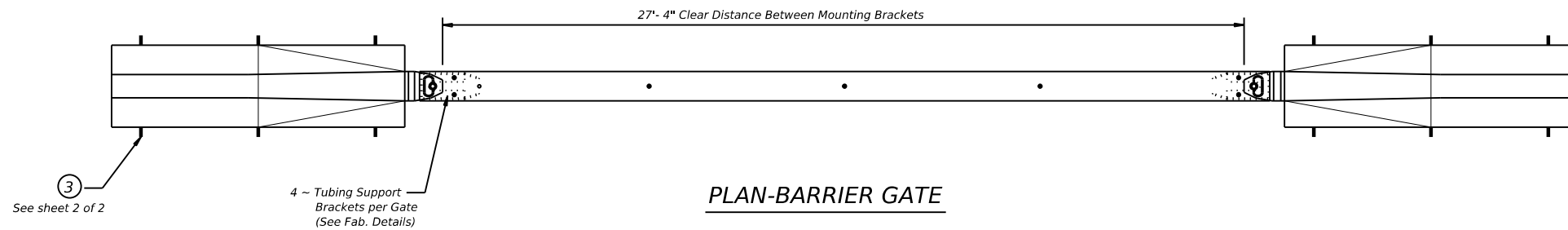
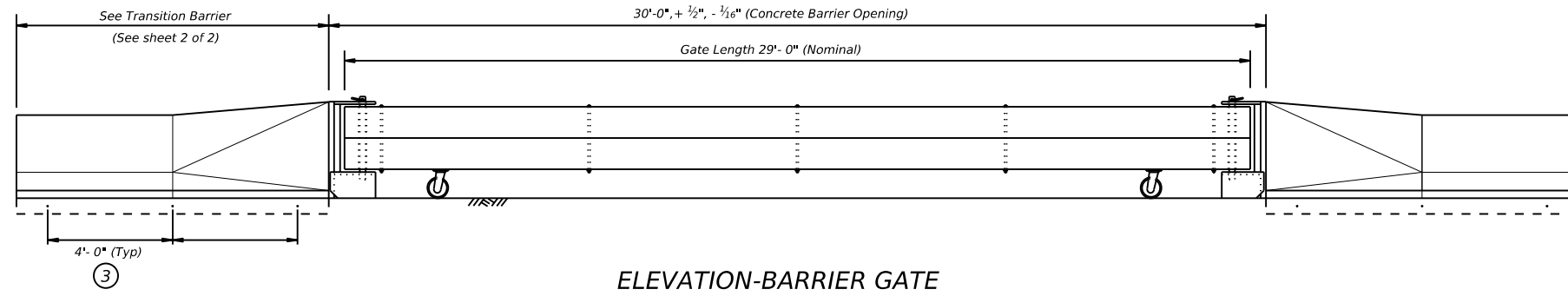


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BARRIER GATE
Showing typical end connection and required number of components for each gate installation. (See fabrication details for assembly)

GENERAL NOTES

1. Concrete shall be Class C, unless otherwise specified in the plans.
2. Where used, rebar reinforcement shall be Grade 60 and conform to ASTM A615.
3. All barrier edges shall have a 3/4" chamfer or tooled radius.
4. All concrete, reinforcement, joint connection systems, grout etc. as shown, are considered as part of the barrier payment.
5. All steel assemblies for the Barrier Gate shall be galvanized after fabrication in accordance with Item 445, "Galvanizing."
6. The steel mounting bracket is required as a forming bulkhead for the concrete transition barriers.

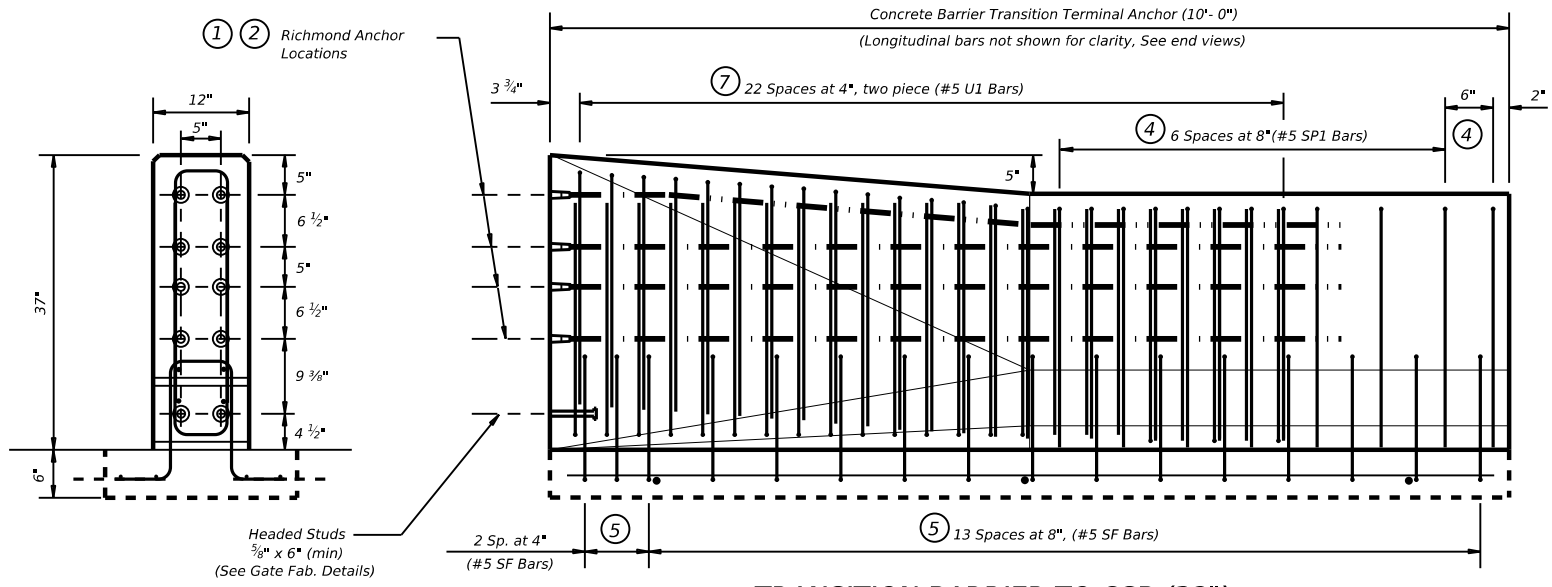
For steel gate assembly, steel mounting bracket welding requirements, and the required hardware, see "Barrier Gate (Fabrication Details)" at TxDOT CAD Standard Plans Files, Roadway Standards, Design Guidelines.

QTY	STEEL GATE MATERIAL LIST
2	Steel Mounting Bracket Assembly
4	Headed Studs 5/8" x 6" (min)
4	Tubing Support Bracket Assembly
2	HSS 12" x 12" x 1/4" x 29' Long
2	Swivel Casters Wheels
2	Pin Assemblies (A36)
1	Prybar
7	3/4" x 26" Lg (ASTM A325) Heavy Hex Bolts with 2 Washers, 1 Lockwasher and Heavy Hex Nut

SHEET 1 OF 2

		Design Division Standard	
<h1>BARRIER GATE</h1>			
<h2>BG-11</h2>			
FILE: bg11.dgn	DN: TxDOT	CK: AM	DW: BD
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REVISIONS		HIGHWAY	
DIST		COUNTY	
		SHEET NO.	

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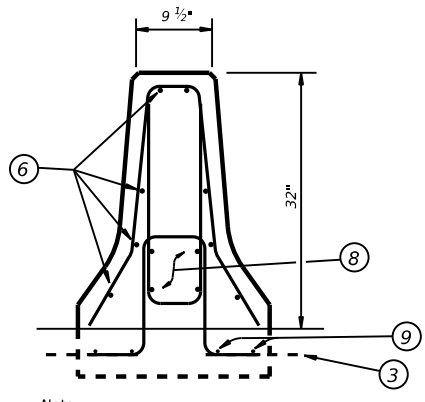


END VIEW

Showing typical end at Barrier Gate and Anchor locations

TRANSITION BARRIER TO CSB (32") EACH END OF BARRIER GATE

Showing the required barrier reinforcement. (See End Views for longitudinal bar placement)



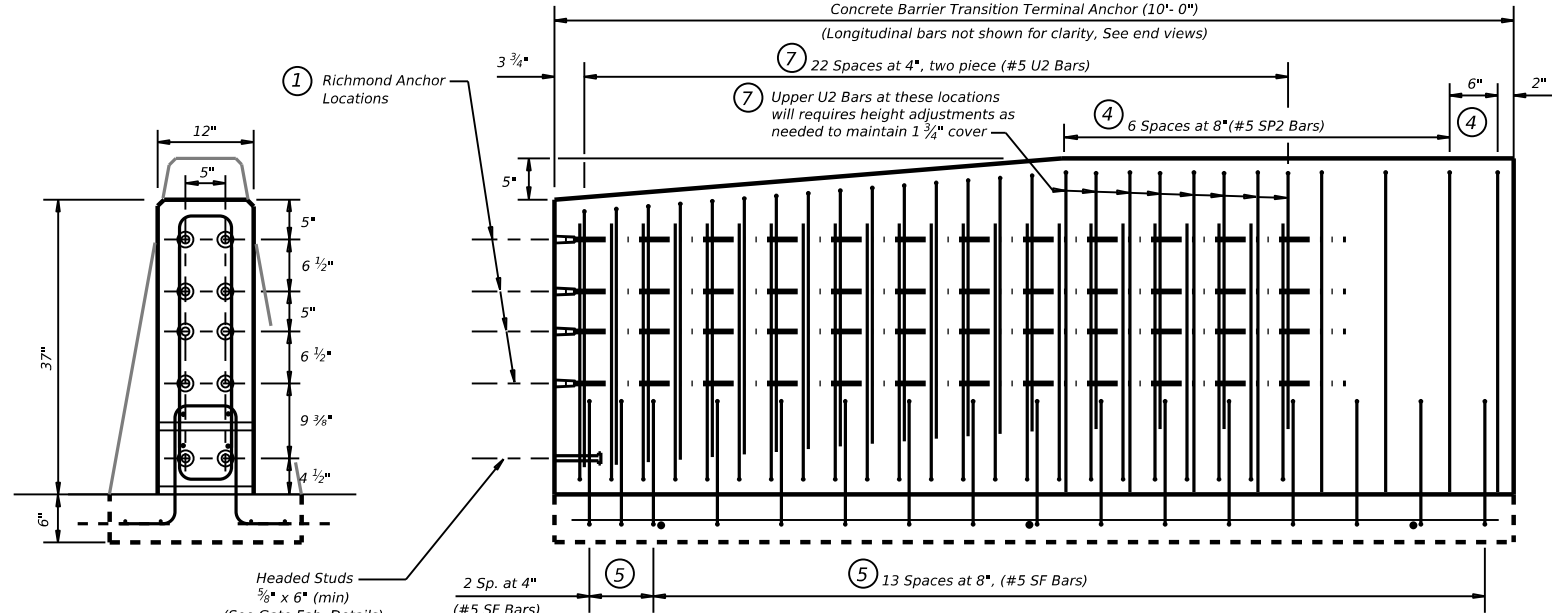
END VIEW

Showing transition end to standard CSB barrier.

TRANSITION TO (32") CSB		
#	BARRIER TRANSITION REINFORCEMENT TABLE	QTY
1	Richmond Anchors, #7 Straight	12
2	Richmond Anchors, #7 Bent	4
3	Rebar, #5 x 12" Long	12
4	SP-Bar, #5	16
5	SF-Bar, #5	32
6	Rebar, #5 x 57" Long	16
7	U-Bar, #5	76
8	Rebar, #5 x 93" Long	8
9	Rebar, #4 x 116" Long	8

TRANSITION TO (42") SSCB		
#	BARRIER TRANSITION REINFORCEMENT TABLE	QTY
1	Richmond Anchors, #7 Straight	16
3	Rebar, #5 x 12" Long	12
4	SP2 Bar, #5	16
5	SF Bar, #5	32
6	Rebar, #5 x 57" Long	20
7	U2 Bar, #5	76
8	Rebar, #5 x 93" Long	8
9	Rebar, #4 x 116" Long	8

Note: Use 2" Bending pin on all bends

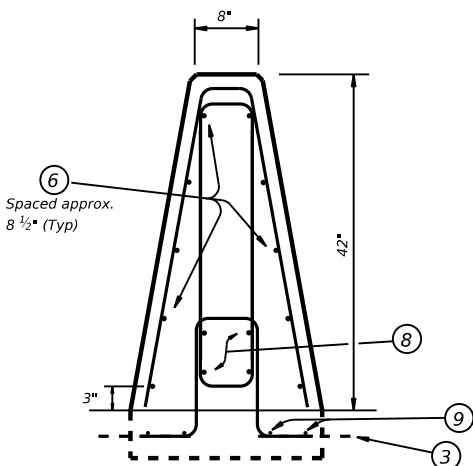


END VIEW

Showing typical end at Barrier Gate and Anchor locations

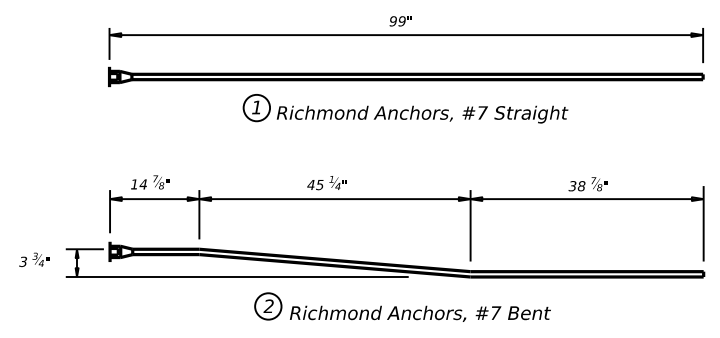
TRANSITION BARRIER TO SSCB (42") EACH END OF BARRIER GATE

Showing the required barrier reinforcement. (See End Views for longitudinal bar placement)

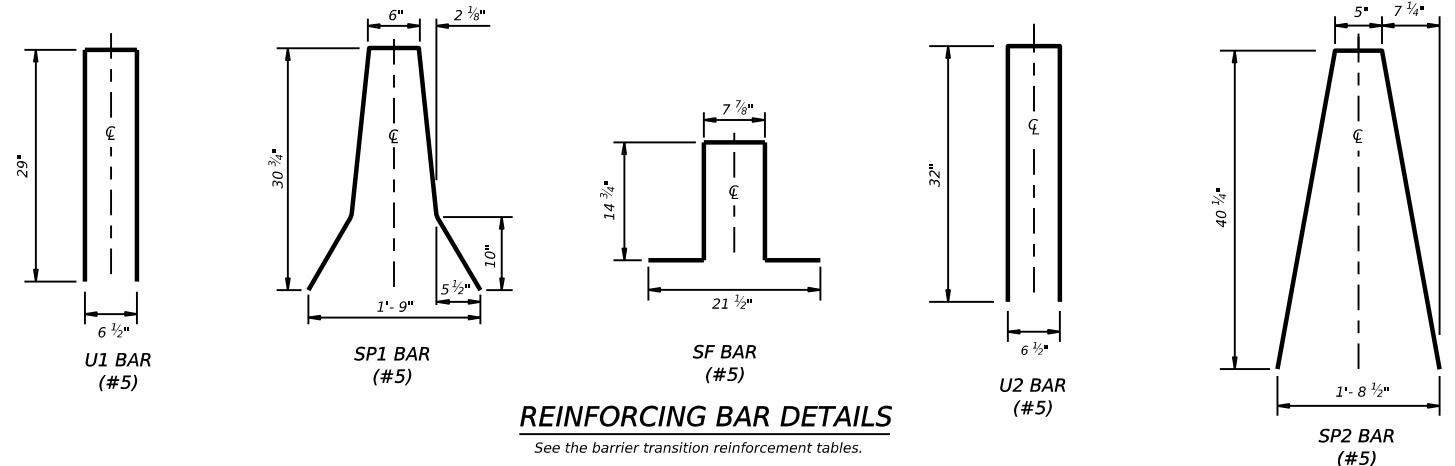


END VIEW

Showing transition end to standard SSCB barrier.



RICHMOND ANCHORS



REINFORCING BAR DETAILS

See the barrier transition reinforcement tables.

		Design Division Standard	
<h1>BARRIER GATE</h1> <h2>BG-11</h2>			
FILE: bg11.dgn	DN: TxDOT	CK: AM	DW: BD
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		SHEET NO.	

DATE: FILE: