SDD 14B40 - 02b

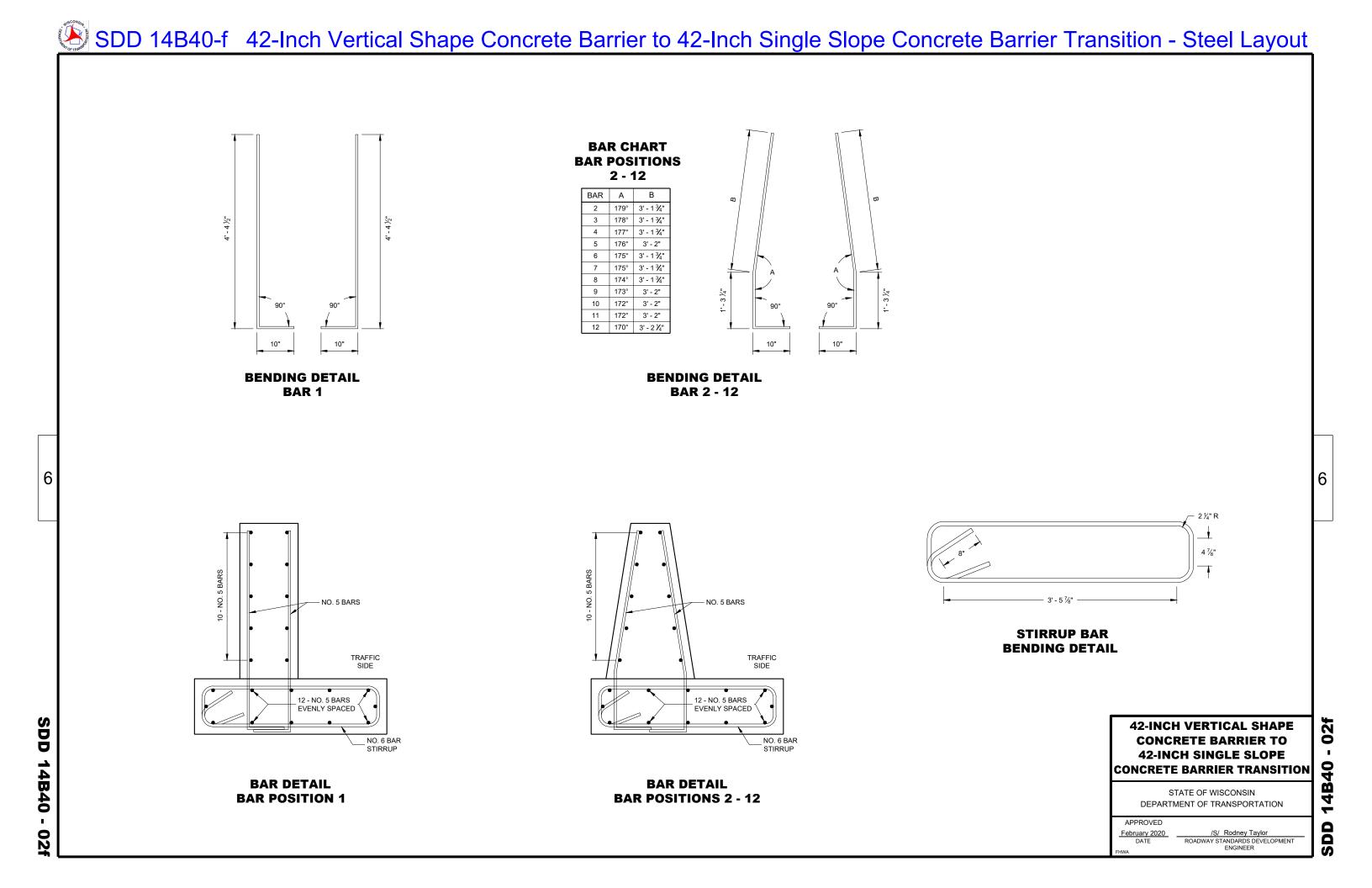
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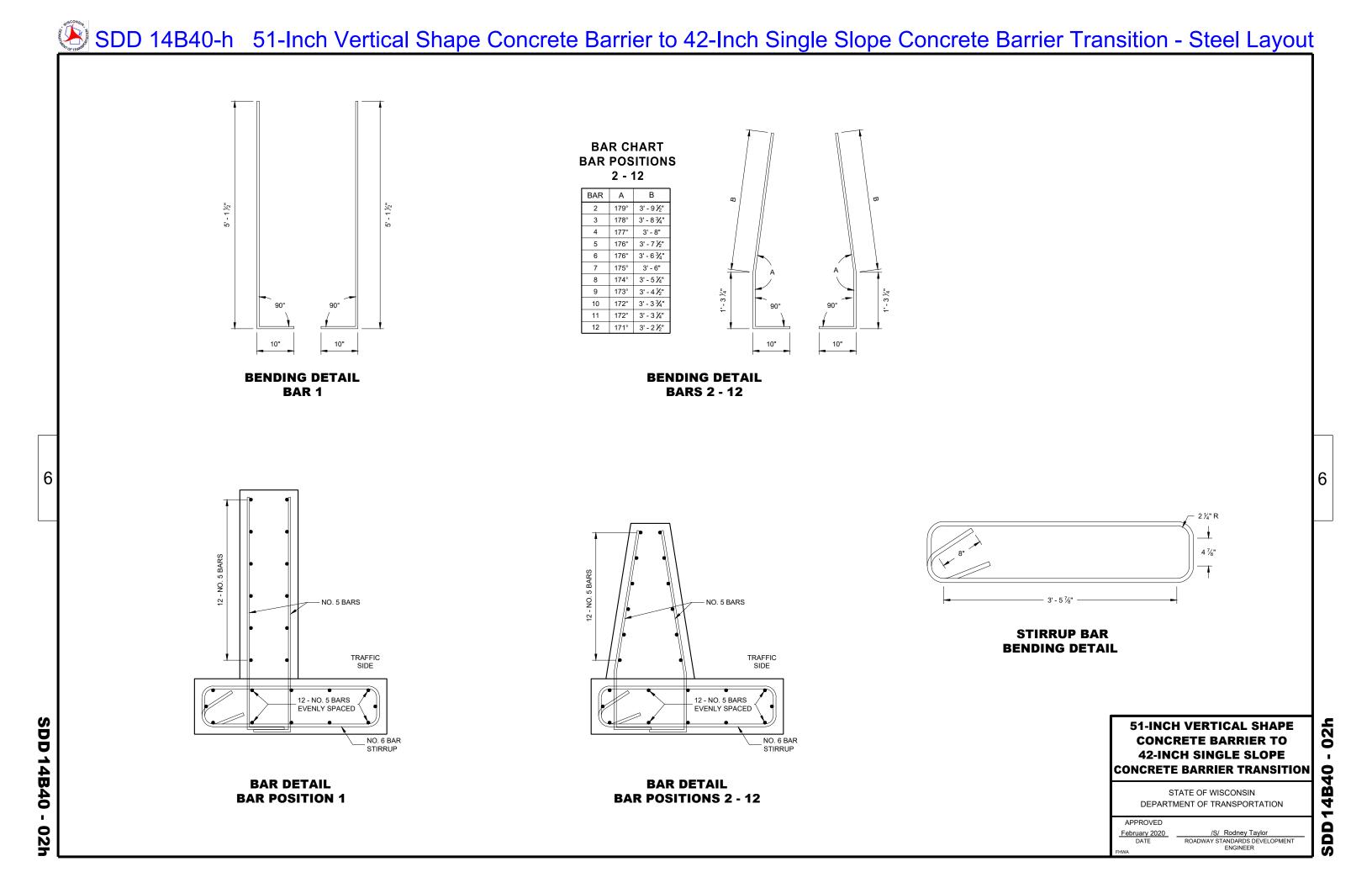
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
ENGINEER

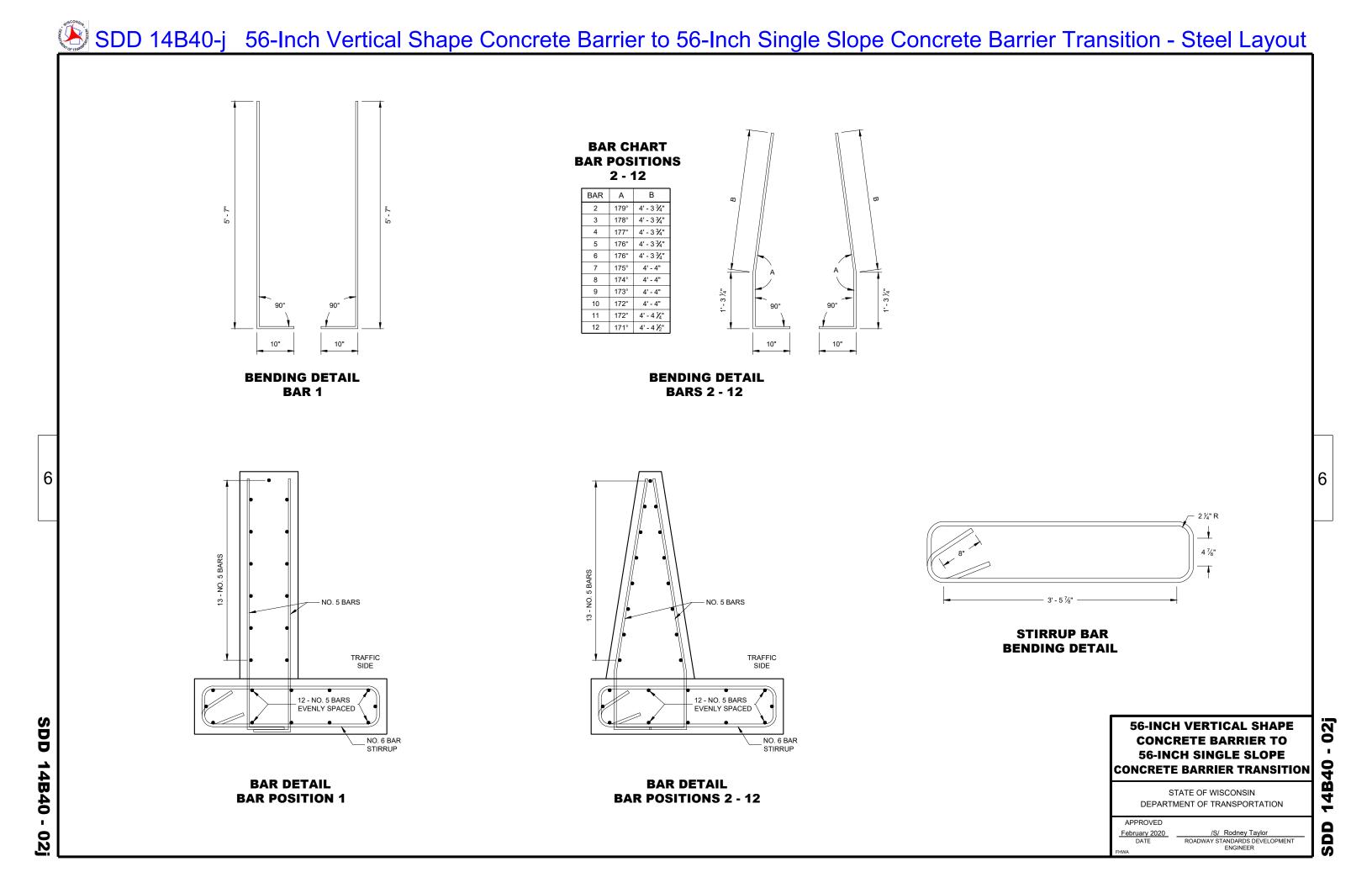
February 2020 DATE

**SDD 14B40 - 02d** 

SDD 14B40-e 42-Inch Vertical Shape Concrete Barrier to 42-Inch Single Slope Concrete Barrier Transition CBSS 1 EXISTING 42-INCH VERTICAL SHAPE CONCRETE BARRIER EXPANSION JOINT CBSS CBSS S42 ANCHOR ANCHOR EXPANSION JOINT "A" BAR POSITION 1 BAR POSITION 12 — GROUND LINE NO. 6 STIRRUP BAR (TYP.) 11 SPACES AT 1' - 3" = 13' - 9" SEE OTHER DETAILS OR PLAN NO. 6 BAR STIRRUP AND NO. 5 BARS **ELEVATION VIEW** 15' - 0" 42-INCH VERTICAL SHAPE CONCRETE BARRIER TO 42-INCH CBSS TRANSITION EXISTING 42-INCH VERTICAL **EXPANSION** CBSS 1 CBSS NO. 5 BARS (TYP.) SHAPE CONCRETE BARRIER JOINT ANCHOR **ANCHOR** EXPANSION JOINT "A" (1) NO. 5 BARS (TYP.) MATCH TOE - MATCH TOE NO. 6 STIRRUP FOOTING REINFORCEMENT BARRIER REINFORCEMENT NO. 6 BAR STIRRUP NO. 5 BARS 11 SPACES AT 1' - 3" = 13' - 9" SEE OTHER DETAILS OR PLAN **PLAN VIEW** 1' - 0 1/4" 1' - 3 ¾" 6 3/4" 10 1/2" 6 3/4" **GENERAL NOTES** CONSTRUCT PER STANDARD SPECIFICATION 603. SPLICES OF LONGITUDINAL BARS TO BE 2' LONG AND FIRMLY TIED AND FASTENED 4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD SPECIFICATIONS SECTION 501 USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED SHARP EDGES UNLESS OTHERWISE NOTED. THE NUMBER IN BAR DESIGNATION REPRESENTS THE BARS LOCATION **SDD 14B40** 2" CLEAR COVER TYPICAL. TRAFFIC TRAFFIC (1) EXPANSION JOINT "A" MAY BE REPLACED WITH A COLD JOINT PROVIDED THAT 3 FEET OF LAP OF LONGITUDINAL STEEL IS PROVIDED. IF COLD JOINT IS USED, ANCHOR IS NOT **42-INCH VERTICAL SHAPE 4B**40 **CONCRETE BARRIER TO 42-INCH SINGLE SLOPE CONCRETE BARRIER TRANSITION** STATE OF WISCONSIN SD **SECTION A - A SECTION B - B** DEPARTMENT OF TRANSPORTATION







# **Standard Detail Drawing 14B40** (sheet a-j)

February 2020

# Vertical Faced Concrete Barrier to Single Slope Concrete Barrier Transitions

#### References:

NONE

## Bid items associated with this drawing:

Bid items for single slope barrier and associated transitions are encoded as follows:

BARRIER BID ITEM TYPES	DESCRIPTION		CODE
\$ 36 A		New Jersey shape	NJ
Shape ——	SHAPE	F shape	F
Class———	SH/	Vertical	V
<u>example:</u> Concrete Barrier Type S36A is a 36" single sloped median retaining wall barrier		Single slope barrier	S
TRANSITION BID ITEM TYPES	CLASS	Standard barrier section	none
Shape Height in inches Shape Height in inches Shape Height in inches		Median retaining wall	Α
		Short barrier section	В
		Roadside retaining wall	С
	FACES	Double faced barrier	DF
		Single faced barrier	SF

ITEM NUMBER	<u>DESCRIPTION</u>	<u>UNIT</u>
603.3611	Concrete Barrier Transition Type V32 to S32	EACH
603.3613	Concrete Barrier Transition Type V32 to S36	EACH
603.3655	Concrete Barrier Transition Type V42 to S42	EACH
603.3675	Concrete Barrier Transition Type V51 to S42	EACH
603.3699	Concrete Barrier Transition Type V56 to S56	EACH
603.3600 - 3699	Concrete Barrier Transition (type)	

# Standardized Special Provisions associated with this drawing:

STSP NUMBER **TITLE** 

NONE

## Other SDDs associated with this drawing:

SDD 14B32 Concrete Barrier Single Slope

Short Concrete Barrier Sections (Use for runs of less than 40') SDD 14B34

#### **Design Notes:**

Use these details when a transition from a vertical faced barrier to a single slope barrier is needed.

## **Contact Person:**

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