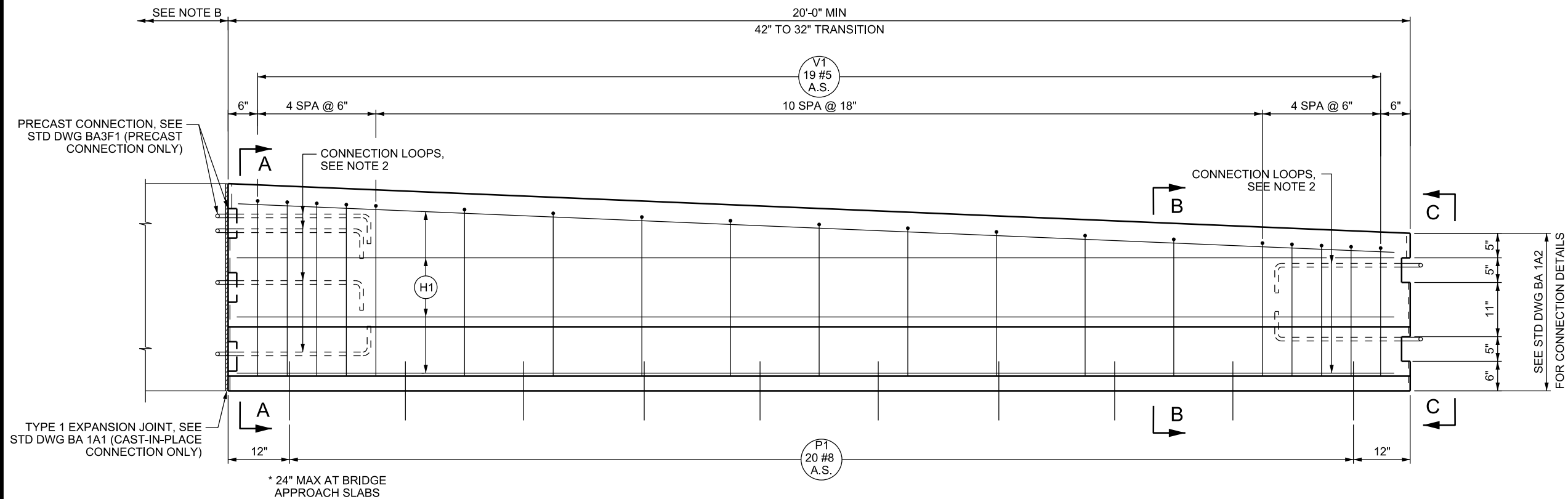
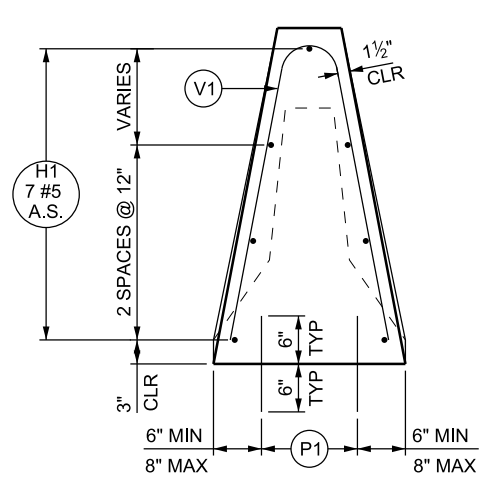


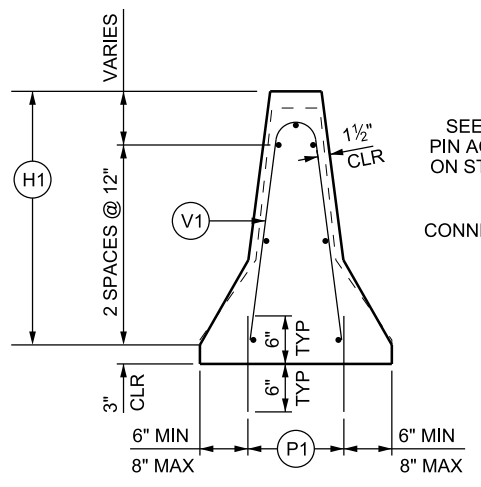
23-JAN-2017 DGN File: D:\StandardSpec\Section\2017\Section\Electronic Books\Master Drawings\Barriers (BA)\BA020.dgn



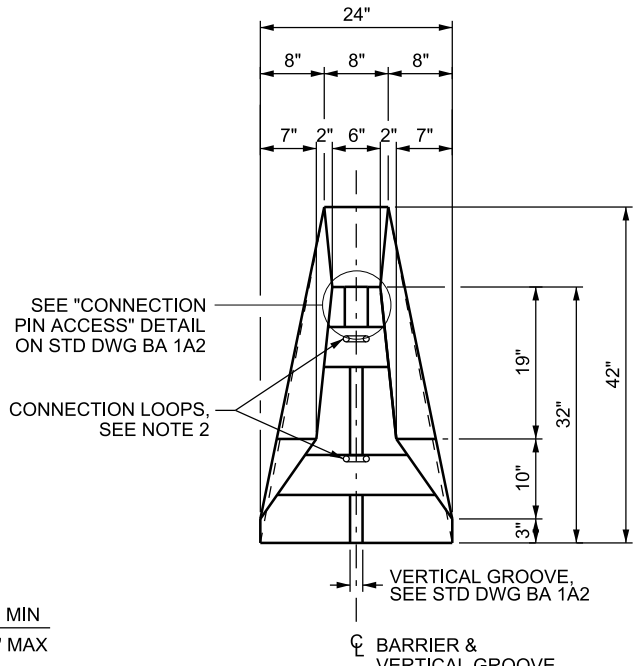
ELEVATION



SECTION A-A



SECTION B-B



VIEW C-C

BAR MARK	BAR SIZE	NO. BARS	LOCATION	SKETCH																																																												
H1	#5	7	HORIZONTAL IN BARRIER TIED INSIDE V1 BARS	19'-3"																																																												
P1	#8	20	PAVEMENT TO BARRIER THROUGH LIMITS OF BARRIER (VERTICAL)	OPTION 1: 12" OPTION 2: 12"																																																												
V1	#5	19	VERTICAL IN BARRIER	<table border="1"> <thead> <tr> <th>H</th> <th>W</th> <th>QTY</th> </tr> </thead> <tbody> <tr><td>36 1/2"</td><td>19 1/2"</td><td>1</td></tr> <tr><td>36"</td><td>19"</td><td>1</td></tr> <tr><td>36"</td><td>19"</td><td>1</td></tr> <tr><td>35 1/2"</td><td>18 1/2"</td><td>1</td></tr> <tr><td>35 1/2"</td><td>18 1/2"</td><td>1</td></tr> <tr><td>34 1/2"</td><td>17 1/2"</td><td>1</td></tr> <tr><td>34"</td><td>17"</td><td>1</td></tr> <tr><td>33"</td><td>16"</td><td>1</td></tr> <tr><td>32 1/2"</td><td>15"</td><td>1</td></tr> <tr><td>31 1/2"</td><td>14 1/2"</td><td>1</td></tr> <tr><td>31"</td><td>13 1/2"</td><td>1</td></tr> <tr><td>30"</td><td>13"</td><td>1</td></tr> <tr><td>29 1/2"</td><td>12"</td><td>1</td></tr> <tr><td>28 1/2"</td><td>11"</td><td>1</td></tr> <tr><td>28"</td><td>10 1/2"</td><td>1</td></tr> <tr><td>27 1/2"</td><td>10"</td><td>1</td></tr> <tr><td>27 1/2"</td><td>9 1/2"</td><td>1</td></tr> <tr><td>27"</td><td>9"</td><td>1</td></tr> <tr><td>27"</td><td>9"</td><td>1</td></tr> </tbody> </table> <p>* BEND RADIUS VARIES OVER LENGTH OF BARRIER TRANSITION SECTION</p>	H	W	QTY	36 1/2"	19 1/2"	1	36"	19"	1	36"	19"	1	35 1/2"	18 1/2"	1	35 1/2"	18 1/2"	1	34 1/2"	17 1/2"	1	34"	17"	1	33"	16"	1	32 1/2"	15"	1	31 1/2"	14 1/2"	1	31"	13 1/2"	1	30"	13"	1	29 1/2"	12"	1	28 1/2"	11"	1	28"	10 1/2"	1	27 1/2"	10"	1	27 1/2"	9 1/2"	1	27"	9"	1	27"	9"	1
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DESIGN-ONLY NOTES:

- A. SEE STD DWG BA 1B THROUGH BA 1D FOR TYPICAL LAYOUT REQUIREMENTS.
- B. ADJACENT BARRIER OPTIONS ARE CAST-IN-PLACE CONSTANT SLOPE BARRIER - 42 INCH; CAST-IN-PLACE CONSTANT SLOPE BARRIER - 54 INCH; 42 INCH CONSTANT SLOPE BARRIER TRANSITION; AND PRECAST CONCRETE CONSTANT SLOPE BARRIER - 42 INCH.

NOTES:

- 1. SEE STD DWG BA 1A1 FOR GENERAL NOTES.
- 2. SEE "BARRIER CONNECTION DETAILS" ON STD DWG BA 1A2 FOR CONNECTION LOOP DETAILS. PLACE THE APPROPRIATE CONNECTION LOOP CONFIGURATION THAT CORRESPONDS WITH ADJACENT PRECAST BARRIER.
- 3. BARRIER SHAPE VARIES LINEARLY OVER LENGTH OF BARRIER TRANSITION.
- 4. BARRIER TRANSITIONS MAY BE LENGTHENED, WITH ENGINEER'S APPROVAL, TO ELIMINATE A GAP BETWEEN PRECAST AND CAST-IN-PLACE SECTIONS.
- 5. DRILL AND EPOXY BOND P1 BARS OR HAND POSITION WHILE CONCRETE IS IN A WORKABLE FORM WHEN USING PCCP PAVEMENT.

REVISIONS

NO.	DATE	APPR.	REMARKS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL
Randy L. Park
CHAIRMAN STANDARDS COMMITTEE
APPROVED
DEPUTY DIRECTOR

JAN. 01. 2017 DATE
JAN. 01. 2017 DATE

CAST-IN-PLACE CONCRETE BARRIER - 32 INCH NEW JERSEY SHAPE, 42 INCH CONSTANT SLOPE BARRIER TRANSITION

STD. DWG. NO.
BA 2D