

**BID #2021H-20
GUIDERAILS
BID TABULATION**

A. CABLE GUIDE RAILING Drawings 606-1R2 & 606-2R2		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	CHEMUNG SUPPLY CORP.
CG-01	3/4" Round Wire Cable, three (3) strands of seven(7) wires each, AASHTO, M-30, Type 1, Class A: (Please state minimum amount of cable that may be ordered, i.e., how much on a reel?)	\$1.37/per foot Minimum order: blank
CG-02	Concrete Anchors with breakaway angle, hardware and two (2) top mounted independent rebar lift points	\$475.00 /each
CG-03	Spring and Turnbuckle Cable and assembly, compensating device	\$249.75/each
CG-04	Steel Turnbuckle Cable end assembly	\$124.50/each
CG-05	S3 x 5.7 Universal weak post, 5'3" long, with soil plate	\$58.05/each
CG-06	S3 x 5.7 Universal weak post, 5' 3" long, without soil plate	\$44.55/each
CG-07	End Post Cap with bolt	\$45.90/each
CG-08	Driveway End Post Cap with bolt	\$41.85/each
CG-09	Ground Bearing Angles assembly	\$50.62/each
CG-10	Hook Bolt with shoulder & nut or 2 nuts	\$0.94/each
CG-11	Reflective Delineator with mounting hardware	\$7.08/each
CG-12	Cable Splice with wedges	\$91.12/each
CG-13	Spare Wedges for all splices and cable fittings	\$3.37/each
CG-14	Cable clamp for 3/4" cable	\$6.75/each
B. CORRUGATED BEAM GUIDE RAILING AND ACCESSORY HARDWARE		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
GR-25	Galvanized W-Beam rail; 13'- 6-2" in length by 12-1/4" in height by 3-1/4" in width; 8 standard splice bolt slots on each end; std. post bolt slots at 3' x 1- 2" O.C., 105 inches thick	\$124.20/each
GR-26	Galvanized W-Beam rail; as above except standard post bolt slots 6' 3" O.C.	\$124.20/each
GR-27	Galvanized W-Beam rail; Shop bent radius (R); as above with standard post bolt slots 6' 3" O.C., with a 5 to 15 degree radius	\$162.00/each
GR-27-A	Galvanized W-Beam rail; Shop Bent radius (R), as above with standard post bolt slots 6' 3" O.C., with a 20 to 50 degree radius	\$155.25/each
GR-27-B	Galvanized W-Beam rail; Shop Bent radius (R), as above with standard post bolt slots 6' 3" O.C., with a 50 to 150 degree radius	\$152.55/each
GR-28	Galvanized W-Beam rail; as above with standard post bolt slots 6' 3" O.C., with 10 (1" dia.) at 3" O.C. on one end for mounting to std. concrete anchor	\$145.80/each
GR-29	Galvanized W-Beam rail; as above shop bent, twisted and bored for mounting to concrete anchor within one section for typical driveway installations;	\$186.30/each
GR-30	Galvanized Rounded End Section	\$47.92/each
GR-31	Galvanized Flared End Section	\$40.50/each

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GR-32	Galvanized Terminal Connector Parapet	\$54.00/each
GR-33	5/8" x 1" Galvanized splice bolts with 5/8" x 7/8" oval shoulder including oversize nut (1-1/4" across flats) as per NYSDoT drawing 606-6R1.	\$112.05/100
GR-34	5/8" dia. by 1-2" Galvanized hex head bolts with nuts and flat washers for mounting guide rail and black-outs to heavy posts as per NYSDoT drawing 606-8R1	\$216.00/100
GR-35	Rectangular Flat plate washers per NYSDoT drawing 606-8R1	\$2.49/each
GR-36	Back up plate per NYSDoT drawing 606-8R1	\$9.31/each
GR-37	5/8" dia. by 2" Galvanized Button head bolts with nuts and flat washers for mounting "W-beam" to heavy post block outs	\$118.80/100
GR-38	Turn down post mounting brackets. Set consists of one each of type "A", "B" and "C" brackets per NYSDoT 606-8R1	\$157.95/set
GR-39	W6 x 8.5 or W6 x 9 standard heavy post, 5' 6" long, with soil plate as per NYSDoT drawing 606-8R1	\$91.12/each
GR-40	W6 x 8.5 or W6 x 9 standard heavy post, 5' 6" long, without soil plate as per NYSDoT drawing 606-8R1	\$58.38/each
GR-41	W6 x 8.5 or W6 x 9 by 14" offset beam (block out) as per NYSDoT drawing 606-8R1	\$17.55/each
GR-42	5/16" dia. by 1-2" hex head Galvanized bolts with nuts, Detail "M" square washer, and flat washers for mounting guide rail to weak post per NYSDoT drawing 606-8R1	\$105.30/100
GR-43	S3 x 5.7 weak universal post, 5' 3" long, with soil plate	\$58.05/ea
GR-44	S3 x 5.7 weak universal post, 5' 3" long, without soil plate	\$44.55/each
GR-45	Concrete anchor with galvanized nuts and washers as per NYSDoT drawing 606-8R1	\$475.00/each
GR-46	Ground Bearing angle set consisting of two x 3 x 1/4 angles and two 3/4" x 4 2" hex bolts w/nut and 2 flat washers as per NYSDoT drawing 606-8R1	\$5,062.50/100
GR-47	2" x 1 2" Hex Bolt with 2 nuts for W-Beam support on S3 x 5.7 post	\$116.10/100
GR-48	10 gauge Galvanized W-Beam type white diamond taped one side reflective delineator	\$4.72/each
C. TRANSITION SECTION TO W-BEAM		
Transition from curbless two rail bridge railing using "Tuning Fork" to corrugated W-Beams guide railing (Ref. BDD 82-45)		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
BC-50	Two rail end section Tuning fork, special drilled	\$1,012.50/each
BC-51	MC 8 x 18.7 channel x 15', special cut and drilled	\$945.00/each
BC-52	Corrugated W-Beams end section parapet, special drilled	\$81.00/each
BC-53	12' 6" Corrugated W-Beam panel, punched for post spacing of 3' 1-1/2" O.C., special cut and drilled end to mate with above Components (SEE **NOTE)	\$337.50/each
BC-54	3/4" x 8" Hex Head Bolt with nut and 2 flat washers, (quantity of 10 + 1 spare), required per assembly	\$5.67/each
BC-56	Complete Unit, includes one each of BC-50, 51, 52, 53, two BC-55 and eleven BC-54	\$2,624.67/unit

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ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
D. BOX BEAM GUIDE RAILING NYSDOT DRAWING 606-3R4, 606-04 AND (606-20, 1/1/2009)		
BB-100	Box Beam Guide Rail, 6" x 6" x 3/16" straight lengths of 12', 18', 24', 30' or 36'	\$29.65/foot
BB-101	Box Beam Guide Rail, 6" x 6" x 3/16" shop curve 205' radius, lengths 24' or 36'	\$31.21/foot
BB-102	Box Beam Guide Rail, 6" x 6" x 3/16" shop curve, radius 20' and larger, lengths of 12', 18', 24', 30' and 36'	\$41.50/foot
BB-103	Box Beam Guide Rail, 6" x 6" x 3/16" shop curve, radius under 20'; lengths of 12', 18', 24' and 30'	\$98.21/foot
BB-104	Box Beam Type 1 end section, approx. 7-2' long	\$334.90/each
BB-105	S3 x 5-7 Anchor Post for Type I end, with special end shelf angle, two 2" x 1-2" hex bolts w/nut & flat washer and on 3/4" x 8" hex bolt w/nut & flat washer	\$406.21/each
BB-106	Box Beam Type II end section, approx. 9' long	\$368.55/each
BB-107	Two S3 x 5-7 Anchor posts for Type II end, with 3/8" x 10" hex bolt w/ nut and 2 flat washers	\$89.10/each
BB-108	Straight splice plate pair with eight 3/4" x 1-2" A325 hex bolts and 7844 Type A flat washers	\$93.82/pair
BB-109	Angled Splice Plate pair with eight 3/4" x 1-2" A325 hex bolts and 7844 Type A flat washers; (specify 2, 4, or 6 degree angle)	\$98.55/pair
BB-110	Standard shelf angle for box beam rail	\$8.77/each
BB-111	Hex Bolt 3/8" x 7-2" w/nut and 2 flat washers	\$1.48/each
BB-112	Hex Bolt 2" x 1-2" w/nut and flat washer	\$1.08/each
BB-113-A	S3 x 5-7 Universal Post 5' 3" length, with spade (Same as GR-43)	\$58.05/each
BB-113-B	S3 x 5-7 Universal Post 5' 3" length; without spade (Same as GR-44)	\$44.55/each
BB-114	Transition from box beam to "W" Beam per NYSDOT Drawing 606-15R1	\$5,062.50/each
BB-115	8' Tapered Wall Connection for Box Beam	\$483.30/each
BB-116	Single Tube Wall Connection for Box Beam	\$573.75/each
BB-117	9' 11" special double bent kick-back for Box Beam Rail (when standard 9' 3" kick-back is not possible due to little or no clearance on the back side of rail)	\$657.00/each
BB-118	Single Bend Tube Splice	\$237.60/each
BB-119	3/8" x 10@ bolt with 2 flat washers & nuts for Type 2 end section	\$5.94/each
BB-120	3/4" x 1-2@ A325 hexbolt with type A flat washer	\$1.48/each
BB-121	Special Shelf angle for Type I End	\$12.35/each
BB-122	3/8" hot dip galvanized nuts	\$18.90/100ct
BB-123	1/2" hot dip galvanized nuts	\$27.00/100ct
BB-124	5/8" hot dip galvanized nuts	64.80/100ct
BB-125	3/4" hot dip galvanized nuts	\$70.20/100ct
BB-126	3/8" hot dip galvanized Washers	\$12.15/100ct
BB-127	1/2" hot dip galvanized Washers	\$18.90/100ct

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BB-128	5/8" hot dip galvanized Washers	\$33.75/100ct
BB-129	3/4" hot dip galvanized Washers	\$40.50/100ct
BB-130	S3 x 5-7 Universal Post 7' length; with spade (See NYSDOT 606-04 Box Beam Guide Rail Sheet 3 of 4 DETAIL ELEVATION POST 1, 2 & 4	\$77.28/each
BB-131	S3 x 5-7 Universal Post 7' length; without spade (See NYSDOT 606-04 Box Beam Guide Rail Sheet 3 of 4 DETAIL ELEVATION POST 1, 2 & 4	\$64.80/each
BB-132	1/2" x 8" Hex bolt with nut and 2 flat washers (See NYSDOT 606-04 Box Beam Guide Rail Sheet 3 of 4 DETAIL ELEVATION POST 1, 2 & 4	\$5.19/each
BB-133	Special shelf angle fits Item BB-130 (See NYSDOT 606-04 Box Beam Guide Rail Sheet 3 of 4 BRACKET DETAIL POST 2 & 4	\$9.38/each
E. TRANSITION SECTION TO BOX BEAM - Transition from two rail bridge railing to box beam as per NYSDOT Item 587.1002 (Ref. BD-RL 3E)		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
BX-60	15' 11-1/4" special box beam top or bottom rail. (Quantity 2 required per unit)	\$495.45/each
BX-61	7' 3" Tapered Transition sections (Quantity 2 required per unit)	\$549.45/each
BX-62	9' 3" Box Beam end section, (Quantity 1 required)	\$298.35/each
BX-63	6" x 8" Tube block out, 6" length, (Quantity 6 required per unit)	\$34.76/each
BX-64	Bridge rail to tapered transition bar splice x 36" length (specify right/left) (2 required/unit)	\$243.00/each
BX-65	3/4" x 5-7/16" standard (pair) box beam splice plates x 27" length with H.S. hardware, (2 pair required per unit)	\$93.96/pair
BX-66	15" x 3" x 1/2" x 3/8" Std. Box Beam shelf angle with bolts (12 required per unit)	\$11.34/each
BX-67	5" x 3 2" x 3/8" Driveway end shelf angle with bolts (3 required per unit)	\$20.11/each
BX-68	5" x 5" x 5/16" Dbl bend tube splice with bolts (1 required per unit)	\$253.12/each
BX-69	W6 x 8.5 x 5' 6" Post punched for tube block out (3 required per unit)	\$138.03/each
BX-70	S3 x 5-7 Universal post with spade, 5' 3" length (8 required per unit)	\$58.05/each
BX-71	S3 x 5-7 Post 3'11" for box beam end section (1 required per unit)	\$61.42/each
E-A. TRANSITION SECTION TO BOX BEAM - Transition from two rail bridge railing to box beam as per NYSDOT Item 587.1002 (Ref. BD-RL 3E)		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
BX-72	Complete Unit, Includes BX-62, 68 and 71 = (1), BX-60, 61, 64 and 65 = (2), BX-67 and 69 = (3), BX-63 = (6), BX-70 = (8), BX-66 = (12), and the following hardware: **12 - 5/16" x 1/2" Bolt, nut, lock washer, and 2 flat washers 6 - 3/4" x 8" Carriage bolt, nut, lock washer and 2 flat washers 2 - 3/4" x 8" Hex Head bolt, nut lock washer and 2 flat washers 12 - 3/8" x 7-1/2" Hex Head bolt, nut, flat washer	\$3,689.27/unit Included in above cost Included in above cost Included in above cost Included in above cost

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	16 - 1/2" x 1-1/2" Hex Head bolt, nut, flat washer	Included in above cost
	2 - 5/8" x 1-3/4" A325 Hex head bolt, lock washer, flat washer	Included in above cost
	16 - 3/4" x 1-1/2" A325 Hex head bolt, flat washer	Included in above cost
E-B. TRANSITION SECTION TO BOX BEAM - Transition from two rail bridge railing to box beam as per NYS DOT Item 587-1002 (Ref. BD-RL 3E)		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
BX-73	3/4" x 8" Carriage bolt, nut, lock washer, and 2 flat washers	\$5.26/each
BX-74	22' x 11-1/2" special top transition rail as shown in drawing Double Box Bridge Rail	\$677.70/unit
BX-75	23' x 7" special bottom transition rail as shown in drawing Double Box Bridge Rail	\$719.55/unit
BX-76	Transition from 2 rail box or concrete barrier to single box beam rail kit to include: BX-74 = (1), BX-75 = (1), BX-62 = (1), BX-63 = (6), BX-65 = (2 pair), BX-66 = (14), BX-67 = (3), BX-68 = (1), BX-69 = (3), BX-70 = (8), BX-71 = (1), and the following hardware:	\$3,632.30/unit
	**12 - 5/16" x 1-1/2" Bolt, nut, lock washer, and 2 flat washers	Included in above cost
	6 - 3/4" x 8" Carriage bolt, nut, lock washer and 2 flat washers	Included in above cost
	2 - 3/4" x 8" Hex Head bolt, nut lock washer and 2 flat washers	Included in above cost
	12 - 3/8" x 7-1/2" Hex Head bolt, nut, flat washer	Included in above cost
	16 - 2" x 1-1/2" Hex Head bolt, nut, flat washer	Included in above cost
	2 - 5/8" x 1-3/4" A325 Hex head bolt, lock washer, flat washer	Included in above cost
	16 - 3/4" x 1-1/2" A325 Hex head bolt, flat washer	Included in above cost
F. STEEL BRIDGE RAIL - TWO RAIL - BDD 89-51		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
BR-30	3" x 5" x 1/2" w/5' Kick Back for 3 rail application	\$348.30/each
BR-31	3" x 5" x 1/4" Galvanized bridge rail tube	\$27.27/foot
BR-32	1-2" x 4" x 3/6" Bar splice w/HS Hardware	\$195.75/each
BR-33	1-2" x 4" x 1/8" Bar splice w/HS Hardware	\$189.00/each
BR-34	3" x 5" Bridge Rail Clamp w/HS Hardware	\$35.10/each
BR-35	5/8" x 2-2" A325 Galvanized Bolt for BR-34 Clamp	\$2.70/each
BR-36	Two rail bridge post for curbless application	\$938.25/each
BR-37	Two rail bridge post for curb-type application	\$776.25/each
BR-38	Two rail to box beam "Tuning Fork" end sections as per BDD 78-51 for curbless applications	\$843.75/each
BR-39	Two rail to box beam "Tuning Fork" end sections as per BDD 80-51A for curb-type applications	\$843.75/each
BR-40	8" x 13" x 2" Anchor Plate for curbless post	\$243.00/each
BR-41	11" x 15" x 3/8" Anchor plate for curb-type post	\$94.50/each
BR-42	7/8" A449 All-threaded Anchor rod for curbless post	1.08/inch

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F-A. STEEL BRIDGE RAIL - TWO RAIL - BD-RL3E, 4E, 5E	
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE
BR-43	1" A449 All-threaded Anchor rod for curb-type post
BR-44	7/8" A325 Hex Nut
BR-45	1" A325 Hex Nut
BR-46	7/8" A325 Flat Washer
BR-47	1" A325 Flat Washer
BR-48	1" Offset Plates for two rail curbless post as per detail (2)
BR-49	5/8" x 6" A325 Galv Bolts w/2 Flat washers, 2 lock washers & nut
BR-50	6" x 6" x 3/16" Galvanized bridge rail tube
BR-51	5" x 5" x 34-1/2" Splice Tube AA@
BR-52	5" x 5" x 34-1/2" Splice Tube AB@
BR-53	3/4" x 7-2" A325 Carriage Bolt
BR-54	9" x 12" x 2" Anchor Plate for curbless post
BR-55	3/4" x 7-1/2" A325 Galv Bolts w/2 Flat washers, 2 lock washers & nut
F-B. STEEL BRIDGE RAIL - THREE, FOUR & FIVE RAIL, SEE NYSDOT DRAWINGS BD-RS 1E, 2E, 3E, 7E, 8E AND BD-RL 3E, 4E & 5E FOUND ON BRIDGES AFTER 2009	
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE
BR-59	27" W6 X 25 Post drilled for 2 Rail Curbed (14" x 1-1/4" x 10" base plate) as per NYSDOT drawing BD RS 1E
BR-60	33" W6 x 25 Post drilled for 3 Rail Curbless (14" x 1-1/4" x 10" base plate) as per NYSDOT drawing BD RS 1E
BR-61	34" W6 x 25 Post drilled for 2 Rail Curbless (1' x 1" x 9" base plate) as per NYSDOT drawing BD RL 3E, 4E & 5E
BR-62	42" W6 x 25 Post drilled for 4 Rail Curbless (14" x 1-1/4" x 10" base plate) as per NYSDOT drawing BD RS 2E, 3E, 7E and 8E
BR-63	56" W6 x 25 Post drilled for 5 Rail Curbless (14" x 1-1/4" x 10" base plate) as per NYSDOT drawing BD RS 1E
G. STEEL BRIDGE RAIL - TWO RAIL, BDD 89-51, BDD-RL3E SECTION G-G & SECTION A-A HEIGHTS VARY	
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE
BR-64	23" W6 X 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E
BR-64-A	24" W6 x 25 Post drilled for 3 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E SECTION G-G (BASE PLATE)


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BR-64-B	25" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$303.75/each
BR-64-C	26" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$310.50/each
BR-64-D	27" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$317.25/each
BR-64-E	28" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$324.00/each
BR-64-F	29" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$330.75/each
BR-64-H	30" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$337.50/each
BR-64-I	31" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$344.25/each
BR-64-J	32" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$351.00/each
BR-64-K	33" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$364.50/each
BR-64-L	34" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$341.55/each
BR-64-M	35" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$371.25/each
BR-64-P	37" W6 x 25 Post drilled for 2 Rail Curbed (9" x 1" x 12" base plate) as per NYSDOT drawing BD RL 3E, SECTION G-G (BASE PLATE)	\$378.00/each
H. STEEL BRIDGE RAIL - THREE, FOUR & FIVE RAIL SEE NYSDOT DRAWINGS BD-RS 1E, 2E, 3E, 7E, 8E AND BD-RL 3E, 4E AND 5E FOUND ON BRIDGES AFTER 2009		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
BR-65	22" x 1" x 22" Top Anchor Plate as per NYSDOT drawing BD-RL5E	\$488.70/each
BR-66	14" x 1" x 22" Bottom Anchor Plate as per NYSDOT drawing BD-RL5E	\$222.75/each
BR-67	22" x 1" x 16" Deck Anchor Plate as per NYSDOT drawing BD-RS7E	\$232.20/each
BR-68	22" x 1" x 12" Pre-stressed Unit Anchor Plates as per NYSDOT drawing BD-RL7E	\$216.00/each
BR-69	14" x 3/8" x 10" Anchor Plate as per NYSDOT drawing BD-RS1E & 7E SECTION BB	\$43.53/each
BR-70	9" x 1/2" x 12" Anchor Plate as per NYSDOT drawing BD-RL3E View E-E (ANCHOR PLATE)	\$101.92/each
BR-71	Angle L5" x 5" x 6-1/8" x 5/8" Bracket BD-RS-1E, 2E & 3E	\$25.31/each
BR-72	SPLICE TUBE B, 5" x 5" x 5/16" x 2' 10-1/2" w 4" x 3/8" x 2' 9-1/2" Filler Plate BD-RL5E	\$213.30/each
BR-73	Splice Tube A w/short Filler Plate 5" x 5" x 5/16" BD-RL4E	\$206.55/each
BR-74	Turn Back Splice Tube 5" x 5" x 5/16" x 2' 3" BD-RL5E	\$237.60/each

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BR-75	Expansion Splice Tube 5" x 5" x 5/16" x 36" BD-RS8E w/2-4" x 1/4" x 2' 11" and 1 4" x 1/4" x 1 8" Filler Plate	\$222.75/each
BR-76	Fixed Splice Tube 5" x 5" x 5/16" x 27" BD-RS8E w/ 3 4" x 1/4" x 2' 2" Filler Plates	\$178.20/each
BR-77	Expansion Splice Bar 4-1/4" x 2-1/8" x 36" BD-RS8E	\$244.35/each
BR-78	Fixed Splice Bar 4-1/4" x 2-1/8" x 2' 3" BD-RS8E	\$222.75/each
BR-79	Expansion Splice Tube 5" x 5" x 5/16" x 36" BD-RS8E w/2 4" x 1/4" x 2' 11" and 1 4" x 1/4" x 1/8" Filler Plates	\$222.75/each
BR-80	Flare Splice Tube 5" x 5" x 5/16" x 2' 4-3/8" BD-RS5E & 7E	\$237.60/each
I. STEEL BRIDGE RAIL - THREE, FOUR & FIVE RAIL - SEE NYSDOT DRAWINGS BD-RS 1E, 2E, 3E, 7E, 8E AND BD-RL 3E, 4E FOUND ON BRIDGES AFTER 2009		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
BR-81	20' 11-1/2" special TOP rail drilled for two stiff post and 6 week post as per NYSDOT drawing BD-RS4E	\$693.90/each
BR-82	21' 7" special Bottom rail drilled for two stiff post and 6 week post as per NYSDOT drawing BD-RS4E	\$718.20/each
BR-83	3/4" DIA. GALVANIZED FULLY THREADED BOLTS 7-1/2" LONG (ASTM A325 TYPE 1) W/ 2 WASHERS AND HEAVY HEX NUT as per NYSDOT drawing BD-RS8E	\$7.56/each
BR-84	3/4" DIA. GALVANIZED FULLY THREADED BOLTS 4-1/2" LONG (ASTM A325 TYPE 1) W/ 2 WASHERS AND HEAVY HEX NUT as per NYSDOT drawing BD-RS8E	\$4.92/each
BR-85	3/4" DIA. GALVANIZED BOLT 12" LONG (ASTM A325 TYPE 1) with heavy nut and wedge and tapered spring lock washer BD-RS4E (TURNDOWN DETAIL)	\$20.11/each
BR-86	LOWER 15 DEG 3" X 5" TUBE FLARED BRIDGE RAIL SECTION as per NYSDOT drawing BD-RS4E (ELEVATION) & PLAN DETAIL)	\$348.30/each
BR-87	6" x 8" x 3" TUBE BLOCK FOR LOWER TUBE FLARED SECTION AS PER DRAWING BD-RS4E (ELEVATION) & PLAN DETAIL)	\$27.27/each
BR-88	TS 5" x 3" x 1/4" bridge rail tube with 2 slotted holes at each end see BD-RS2E unless BR-88A or B apply as shown on BD-RS4E bottom fourth and fifth rail	\$27.27/ft
BR-88-A	Cut, weld & cap 25 degrees 3" x 5" bridge rail CPGW as shown on BD-RS4E (ELEVATION MATCH A5 TOP RAIL OF FIVE RAIL - CURBLESS)	\$297.00/each plus rail length added
BR-88-B	Cut and weld, drill one hold at end of 3" x 5" x 1/4" bridge rail CPGW WITH BACKUP RING as shown on BD-RS4E (TURNDOWN DETAIL)	\$317.20/each plus rail length added
J. STEEL BRIDGE RAIL THREE, FOUR & FIVE RAIL TRANSITION TO SINGLE RAIL BOX BEAM SE NYSDOT Drawings BD-RS 1E, 2E, 3E, 7E, 8E AND BD-RL 3E, 4E AND 5E		
ITEM NUMBER	DESCRIPTION AND/OR REFERENCE	
BR-90	Transition from 3, 4, or 5 rail bridge beam kit to includes: BX-62 = (1), BX-63 = (8), BX = (14), BX-67 = (3), BX-68 = (1), BX-69 = (4), BX-70 = (8), BX-71 = (1), BR-76 = (1), BR-77 = (1), BR-79 = (2), BR-81 = (1), BR-82 = (1), BR-83 = (12), BR-84 = (4), BR-86 = (1), BR-87 = (2) and the following hardware:	\$13,659.60/unit
	**12 - 5/16" x 1-1/2" Bolt, nut, lock washer, and 2 flat washers	Included in above cost

BID #2021H-20
GUIDERAILS
BID TABULATION

4 - 3/4" x 8" Carriage bolt, nut, lock washer and 2 flat washers	Included in above cost
16 - 3/8" x 7-1/2" Hex Head bolt, nut, flat washer	Included in above cost
16 - 2" x 1/2" Hex Head bolt, nut, flat washer	Included in above cost
DEVIATIONS	NONE
ALL DATA IS PRELIMINARY AND DOCUMENTED AT THE TIME OF BID OPENING, SUBJECT TO ERRORS OR OMISSIONS. THIS DATA SHOULD NOT BE INTERPRETED AS CONFIRMATION OF BID RESULTS UNLESS SIGNED BY THE JEFFERSON COUNTY PURCHASING DEPARTMENT THIS BID TABULATION DOES NOT IMPLY AN AWARD HAS BEEN MADE UNLESS NOTED.	
	
PURCHASING DEPT.	DATE
	3/20/21