

Maine Department of Transportation  
 On Call Guardrail Work 2022  
 Schedule of Items

Indicate the region in which the guardrail services are offered:

- Region 1 (Southern Region)
- Region 2 (Mid-Coast Region)
- Region 3 (Western Region)
- Region 4 (Eastern Region)
- Region 5 (Northern Region)

Notes (for pages 1 and 2):

1. This work consists of supplying all materials, equipment and labor to install guardrail and components at locations and quantities as directed by the Regions.
2. For each day that the contractor provides guardrail services for the Department, they will be paid mobilization in accordance with Special Provision (Mobilization). See Special Provision for exact intent and usage of Mobilization.
3. MaineDOT will provide all signs and traffic control.

**Mobilization**

Bid Item	Pay Unit	Unit Price
659.11 MOBILIZATION - HOURLY	CALENDAR DAY	
659.12 MOBILIZATION - OVERNIGHT	HOUR	
659.13 MOBILIZATION – NIGHT WORK	CALENDAR DAY	

**Guardrail Related Services**

Bid Item	Pay Unit	Unit Price
GUARDRAIL REMOVE AND DISPOSE	LINEAR FOOT	
GUARDRAIL, ADJUST	LINEAR FOOT	
DOWN HOLE HAMMER ROCKDRILLING 12"DIA X UP TO 8' DEEP	PER HOUR	
DOWN HOLE HAMMER ROCKDRILLING 18"DIA X UP TO 8' DEEP	PER HOUR	
DOWNHOLE HAMMER ROCKDRILLING 18" DIA METER BIT SETUP	EACH	
EARTH AUGERING 8" TO 36" UP YO 7' DEEP	PER HOUR	
GUARDRAIL BEAM STRAIGHTENING/RE-ROLLING	PER HOUR	

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**Guardrail and Fencing**

Bid Item	Pay Unit	Unit Price
GUARDRAIL TYPE 3C SINGLE RAIL 0-100'	LINEAR FOOT	
GUARDRAIL TYPE 3C SINGLE RAIL 100'-250'	LINEAR FOOT	
GUARDRAIL TYPE 3C SINGLE RAIL OVER 250'	LINEAR FOOT	
GUARDRAIL TYPE 3C 15' RADIUS AND LESS	LINEAR FOOT	
GUARDRAIL TYPE 3C OVER 15' RADIUS	LINEAR FOOT	
GUARDRAIL TYPE 3C THRIE BEAM SINGLE RAIL	LINEAR FOOT	
GUARDRAIL TYPE 3AA SINGLE RAIL OVER 250'	LINEAR FOOT	
606.1311 31" W-BEAM GUARDRAIL – MID-WAY SPLICE, POWDER COATED	LINEAR FOOT	
606.1313 31" W-BEAM GUARDRAIL – MID-WAY SPLICE, POWDER COATED 15' RADIUS & LESS	LINEAR FOOT	
606.1314 31" W-BEAM GUARDRAIL – MID-WAY SPLICE, POWDER COATED OVER 15' RADIUS	LINEAR FOOT	
606.2650 TERMINAL END – SINGLE RAIL – POWDER COATED	EACH	
607.15 DRIVE GATEWAY 16 FOOT - METAL	EACH	
607.165 CHAIN LINK FENCE – 4 FOOT WITHOUT TOP RAIL	LINEAR FOOT	
607.16 CHAIN LINK FENCE - 4 FOOT	LINEAR FOOT	
607.163 CHAIN LINK FENCE - 4 FOOT - PVC COATED	LINEAR FOOT	
607.17 CHAIN LINK FENCE 6 FOOT	LINEAR FOOT	
ALUMINUM SLIDE GATES INCLUDING SUPPORT POSTS	LINEAR FOOT	
GALVANIZED STEEL SWING GATES INCLUDING SUPPORT POSTS	LINEAR FOOT	
GUARDRAIL 31" MID-WAY SPLICE W-BEAM, SINGLE RAIL 7' POSTS	LINEAR FOOT	
GUARDRAIL 31" MID-WAY SPLICE W-BEAM, RADIUS	LINEAR FOOT	

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Notes (for pages 3 through 11):

1. When practical, the Department will direct that existing damaged guardrail be repaired by installing new or used guardrail components. The repair will be accomplished by the Contractor as directed by the MaineDOT.
  - Prices when bid as new parts supplied and installed by Contractor shall include supplying the new guardrail components, removing damaged components, installing the new components and disposing of the damaged components.
  - Prices when bid as new or used parts supplied by MaineDOT and installed by the Contractor shall include supplying the labor and equipment to load guardrail components, removing damaged components, installing the new or used components and disposing of the damaged components.
2. All prices shall be for either galvanized or weathering (COR-TEN) steel (if applicable)
3. Hardware packages shall include anchor brackets, pipe sleeve, bearing plate bolts, nuts, and washers.
4. All screws, nails, nuts, bolts, and washers are incidental to the work.
5. Radius beam shall be paid for as regular straight beam.
6. For each day that the contractor provides guardrail services for the Department, they will be paid mobilization in accordance with Special Provision (Mobilization). See Special Provision for exact intent and usage of Mobilization.
7. The MaineDOT will provide all signs and traffic control.

**Repair – General**

Contract Ref. #	Trinity Part #	AASHTO Std. Comp. #	Item Description	Unit	New Parts	MaineDOT supplied parts
1	9G	RWM02A	W-BEAM RAIL STANDARD PUNCH 6'-3", 12 GA	EA		
2	11G	N/A	W-BEAM RAIL PUNCHED 3' 1" 12 GA	EA		
3	1010G-1060G	RWM02A	W-BEAM RADIUS (5' INCR.) 12 GA	EA		
4	545G	PWE01	6' W6 X 8.5 STEEL POST	EA		
5	24501G	PWE03	6'-6" W6 X 8.5 STEEL POST	EA		
6	26924G	N/A	7' W6 X 8.5 STEEL POST	EA		
7	142682G	N/A	8' W6 X 8.5 STEEL POST	EA		
8	6955B	N/A	14" PLASTIC BLOCK INCLUDING HARDWARE	SET		
9	441G	PWB01	14" STEEL BLOCK INCLUDING HARDWARE	SET		
10	4076B	PDB01	14" ROUTERED WOOD BLOCK INCLUDING HARDWARE	SET		

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11	3G	RWB01A	BACK UP PLATE W-BEAM 12GA	EA		
12	907G	RWE03A	BUFFER END SINGLE 12GA	EA		
13	326G	RWE02A	W-BEAM MICHIGAN SHOE 10 GA	EA		
14	9264G	N/A	W-BEAM BRIDGE BACKING PLATE 5/8"	EA		
15	19582G	RTB01A	THRIE BEAM BRIDGE BACKING PLATE 5/8"	EA		
16	975G	RWE05A	MICHIGAN SHOE THRIE BEAM 10GA	EA		
17	6901B	N/A	22" PLASTIC BLOCK INCLUDING HARDWARE	SET		
18	437G	PWB02	22" STEEL BLOCK INCLUDING HARDWARE	SET		
19	60631B	PDB02	22" ROUTERED WOOD BLOCK INCLUDING HARDWARE	SET		
20	209G	RTM02A	THRIE BEAM RAIL STANDARD PUNCH 12GA	EA		
21	12513G	RTM08A	THRIE BEAM RAIL PUNCHED 1'-6"	EA		
22	1178G	RTM02A	THRIE BEAM RADIUS (5' INCR.) 12 GA	EA		
23	977G	RWT01A	TRANSITION PANEL W-THRIE BEAM 10 GA	EA		
23R	N/A	N/A	THRIE BEAM TRANSITIONAL PANEL ASYMETRICAL 10 GAUGE (RIGHT)	EA		
23L	N/A	N/A	THRIE BEAM TRANSITIONAL PANEL ASYMETRICAL 10 GAUGE (LEFT)	EA		
24	957G	RWE05A	BUFFER END THRIE BEAM 12 GA	EA		
25	4063B	PDE09	6"X8" 6' CRT WOOD POST	EA		
26	4064B	PDE02	6"X8" 6' SOLID WOOD POST	EA		
27	927G	RWE02A	BENT LIP MICHIGAN SHOE W-BEAM	EA		
28	N/A	N/A	BRIDGE ANCHOR PLATE W/ 7/8"X8" BOLTS WELDED	EA		
29	N/A	N/A	BRIDGE BOLTS 7/8"X20" W/ NUT&WASHER	EA		
30	SH242G RS	N/A	SAFEHIT FLEX GUARDRAIL MARKER 42"	EA		

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31	SH254G RS	N/A	SAFEHIT FLEXIBLE GUARDRAIL MARKER 54" W/SOIL ANCHOR	EA		
32	N/A	N/A	REFLECTIVE SHEETING 3"X8" (SPECIFY COLOR)	EA		
33	6665B	N/A	REFLECTIVE SHEETING 14"X14" CHEVRON PATTERN	EA		
34	800BTB0 170	N/A	BEAM REFLECTORS (SPECIFY WHITE/YELLOW) BOX 200CT	BOX		
34A	N/A	N/A	BEAM REFLECTOR (WHITE/YELLOW)	EA		
34B	N/A	N/A	3M LINEAR DELINEATOR 11" LONG	EA		
35	N/A	N/A	U-CHANNEL 2.5LBX8' DELINEATOR POST	EA		
36	3300G	FBC16A	5/8" ROUND WASHER KEG (1000PCS)	KEG		
37	3320G	FWR03	5/8" RECTANGLE WASHER KEG (1000PCS)	KEG		
38	3360	FBB01	SPLICE BOLT KEG (1000PCS) 5/8"X1 1/4"	KEG		
39	3340G	FBB01- 05	DR NUT KEG 5/8" (1000PCS)	KEG		
40	3400G	FBB02	CENTER BOLT KEG 5/8"X2" BUTTON HEAD (1000PCS)	KEG		
41	3380G	FBX16A	BRACKET BOLT KEG 5/8"X1 1/2" HEX HEAD (1000PCS)	KEG		
42	3495G	FBB03	CENTER BOLT BOX BUTTON HEAD 5/8"X9.5" (200PCS)	KEG		

**CAT-350**

Contract Ref. #	Trinity Part #	AASHTO Std. Comp. #	Item Description	Unit	New Parts	MaineDOT supplied parts
43	N/A	N/A	CAT-350 COMPLETE	SYSTEM		
44	33794A	N/A	CAT-350 HARDWARE PACKAGE (SEE NOTE 2)	PKG		
45	31G	N/A	12-12.5' CAT (GUARDRAIL)	EA		
46	21G	RWM14A	CAT TAIL ANCHOR GUARDRAIL 12'-6"	EA		
47	130A	N/A	10/12.5"/5'10:6'8/SP CAT (GUARDRAIL)	EA		
48	782G	N/A	CAT 8"X8"X5/8" BEARING PLATE	EA		
49	983G	N/A	10/NOSE PLATE/CAT/ROLLED	EA		
50	984G	N/A	10/SIDE PLATE CAT	EA		

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51	3012G	N/A	CAT CABLE ASSEMBLY ¾"X8' DBL SWG	EA		
52	3074B	N/A	WD 3'6" POST #2-6 CAT	EA		
53	3075B	N/A	WD3'6" POST #1 CAT	EA		
54	3100B	N/A	WD BLOCK 1'2" #1 CAT	EA		
55	3101B	N/A	WD BLOCK 1'2" #2-6 CAT	EA		
56	9852A	N/A	CAT CHANNEL STRUT X 6'6" (1980)	EA		
57	9915A	N/A	SPACER CHANNEL CAT	EA		
58	33875G	N/A	CAT 6'6" ANGLE STRUT	EA		

**FLEAT-350**

Contract Ref. #	Trinity Part #	AASHTO Std. Comp. #	Item Description	Unit	New Parts	MaineDOT supplied parts
59	N/A	N/A	FLEAT 350 SYSTEM (COMPLETE WITH ALL HARDWARE)	SYSTEM		
60	N/A	N/A	FLEAT-350 HARDWARE PACKAGE (SEE NOTE 2)	PKG		
61	F1303	N/A	FLT-350 W-BEAM GUARDRAIL END SECTION 12GA. 12'-6"	EA		
62	F1304	N/A	FLT-350 W-BEAM G.R. CENTER SECT. (4'2" SPACING) 12'6"	EA		
63	S760	N/A	FLT-350 CABLE ANCHOR BRACKET	EA		
64	E780	N/A	FLT-350 GROUND STRUT	EA		

**MASH MFLEAT**

Contract Ref. #	Trinity Part #	AASHTO Std. Comp. #	Item Description	Unit	New Parts	MaineDOT supplied parts
65	N/A	N/A	MASH MFLEAT COMPLETE	SYSTEM		
66	N/A	N/A	MASH MFLEAT HARDWARE PACKAGE	PKG		
67	N/A	N/A	MF 3000 FLEAT IMPACT HEAD	EA		
68	N/A	N/A	SF1303 FLEAT ANCHOR RAIL	EA		
69	N/A	N/A	F1324 FLEAT SECOND RAIL	EA		

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70	N/A	N/A	F1334 FLEAT THIRD RAIL	EA		
71	N/A	N/A	MP1A FIRST POST TOP	EA		
72	N/A	N/A	MP1B FIRST POST BOTTOM	EA		
73	N/A	N/A	MHP2A HINGE POST UPPER	EA		
74	N/A	N/A	HP2B HINGED POST LOWER	EA		
75	N/A	N/A	MS785 GROUND STRUT	EA		

**FLEAT-SP**

Contract Ref. #	Road Systems Part #	AASHTO Std. Comp. #	Item Description	Unit	New Parts	MaineDOT supplied parts
76	N/A	N/A	FLEAT-SP COMPLETE	SYSTEM		
77	N/A	N/A	FLEAT-SP HARDWARE PACKAGE	PKG		
78	F3000	N/A	FLEAT IMPACT HEAD	EA		
79	SF1303	N/A	W-BEAM GUARDRAIL END SECTION 12GA	EA		
80	TPHP1A	N/A	FIRST POST TOP (6"X6 1/8")	EA		
81	TPHP1B	N/A	FIRST POST BOTTOM (6"W6X15)	EA		
82	UHP2A	N/A	SECOND POST ASSEMBLY TOP	EA		
83	HP-B	N/A	SECOND POST ASSEMBLY BOTTOM	EA		
84	E750	N/A	BEARING PLATE	EA		
85	S760	N/A	CABLE ANCHOR BOX	EA		
86	E770	N/A	BCT CABLE ANCHOR ASSEMBLY	EA		
87	N/A	N/A	BEARING PLATE RETAINER TIE	EA		

**SRT-350, BCT, MELT**

Contract Ref. #	Trinity Part #	AASHTO Std. Comp. #	Item Description	Unit	New Parts	MaineDOT supplied parts
88	19818A	N/A	STEEL SOIL TUBE W/2"X2"X8" TUBE WELDED	EA		

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89	3003G	FCA02	CABEL34"X10"W/NUTS&WASHERS	SET		
90	919G	RWE05A	BCT DOUBLE BUFFER	EA		
91	987G	RWE04A	MELT DOUBLE BUFFER	EA		
92	986G	REE01	DOUBLE BUFFER DIAPHRAM PLATE	EA		
93	9716A	PFP01	MELT STRUT	EA		
94	3010G	FCC20	¾" CABLE CLAMPS FORGED	EA		
95	23200G	N/A	W-BEAM MELT CABLE PANEL 12 GA	EA		
96	N/A	N/A	SRT-350 8-POST COMPLETE	SYSTEM		
97	992G	N/A	SRT HARDWARE PACKAGE (SEE NOTE 2)	PKG		
98	4075B	PDB01	WOOD BLOCK 6" x 8" x 14" DR	SET		
99	21G	RWM14A	W-BEAM BCT CABLE PANEL 12 GA	EA		
100	740G	PTE05	6" x 8" x 4' 6" x 3/16" TUBE SLEEVE	EA		
101	742G	PTE06	6" x 8" x 6' 0" x 3/16" TUBE SLEEVE	EA		
102	766G	N/A	18" x 24" x 1/4" SOIL PLATE	EA		
103	700A	FPA01	CABLE ANCHOR BRACKET BCT/MELT/SRT	EA		
104	775G	FPB01	6" x 8" x 5/8" BEARING PLATE	EA		
105	3000G	FCA01	CABLE ASSEMBLY ¾"X6'6"W/NUTS&WASHERS	SET		
106	705G	FMM02	PIPE SLEEVE - 2" STD PIPE x 5.5"	EA		
107	3580G	FBC16	5/8" DIA. x 18" HGR POST BOLT	EA		
108	6058B	N/A	WOOD POST 5.5" x 7.5" x 3' 9"	EA		
109	N/A	N/A	SRT-27 COMPLETE	SYSTEM		
110	N/A	N/A	SRT-27 HARDWARE PACKAGE	PKG		
111	14578G	N/A	6' SYT POST	EA		
112	34050G	N/A	SRT/CRP/SYTP STRUT	EA		

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113	34056A	N/A	CR POST 1 TOP	EA		
114	N/A	N/A	SRT-31 COMPLETE	SYSTEM		
115	N/A	N/A	SRT-31 HARDWARE PACKAGE	PKG		
116	15000G	N/A	6' SYT POST	EA		
117	20442G	N/A	SRT-3 GUARDRAIL 15'-7 1/2"	EA		
118	34052A	N/A	CR POST 1 BOTTOM	EA		
119	34053A	N/A	CR POST 1 TOP	EA		
120	33875G	N/A	ANGLE STRUT 3" X 3" X 1/4"	EA		
121	33795G	N/A	6'6" (1980) ANGLE STRUT	EA		
122	30G	N/A	12/12.5/6'3"/S SRT-1 ANC (GUARDRAIL)	EA		
123	39G	N/A	12/12.5/6'3"/S SRT-2 (GUARDRAIL)	EA		
124	775G	N/A	SRT 6"X8"X5/8" BEARING PLATE	EA		
125	9852A	N/A	SRT STRUT	EA		

**SOFTSTOP**

Contract Ref. #	Trinity Part #	AASHTO Std. Comp. #	Item Description	Unit	New Parts	MaineDOT supplied parts
126	N/A	N/A	SOFTSTOP SYSTEM COMPLETE	SYSTEM		
127	N/A	N/A	SOFTSTOP HARDWARE PACKAGE	PKG		
128	15208A	N/A	SOFTSTOP IMPACT HEAD	EA		
129	N/A	N/A	SOFTSTOP ANCHOR RAIL 12'6"	EA		
130	N/A	N/A	SYSTEM RAIL 12'6"	EA		
131	15205A	N/A	SOFTSTOP ANCHOR POST (POST 0)	EA		
132	15203G	N/A	SOFTSTOP SYTP 4'-9.5"	EA		
133	15000G	N/A	SOFTSTOP SYTP 6'	EA		

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134	N/A	N/A	SOFTSTOP SYSTEM LINE POST 6'	EA		
135	N/A	N/A	SOFTSTOP ANCHOR PADDLE	EA		
136	15207G	N/A	SOFTSTOP KEEPER PLATE	EA		
137	15201G	N/A	SOFTSTOP ANCHOR ANGLE	EA		
138	15202G	N/A	SOFTSTOP ANGLE STRUT	EA		
139	N/A	N/A	PEDISTAL POST	EA		

**MASH MSKT**

Contract Ref. #	Road Systems Part #	AASHTO Std. Comp. #	Item Description	Unit	New Parts	MaineDOT supplied parts
140	N/A	N/A	MSKT MASH COMPLIANT SYSTEM (COMPLETE W/ HARDWARE)	SYSTEM		
141	N/A	N/A	MSKT MASH COMPLIANT HARDWARE PACKAGE (SEE NOTE 2)	PKG		
142	MS3000	N/A	MSKT MASH COMPLIANT IMPACT HEAD	EA		
143	MTPHP1A	N/A	MSKT FIRST POST TOP	EA		
144	MTPHP1B	N/A	MSKT FIRST POST BOTTOM	EA		
145	UHP2A	N/A	MSKT SECOND POST ASSEMBLY TOP	EA		
146	HP2B	N/A	MSKT SECOND POST ASSEMBLY BOTTOM	EA		
147	G12025	N/A	W-BEAM MGS RAIL SECTION, 9'-4.5"	EA		
148	G1203A	N/A	W-BEAM MGS RAIL SECTION, 12'-6"	EA		

**NUCOR, NU-GUARD27, and NU-GUARD 31**

Contract Ref. #	NUCOR Part #	AASHTO Std. Comp. #	Item Description	Unit	New Parts	MaineDOT supplied parts
149	N/A	M-180	RWM02a W-BEAM RAIL, 12 GA, TYPE II - 12'6"	EA		
150	N/A	N/A	NU-GUARD LINE POST GR SP-80	EA		
151	N/A	N/A	OFFSET BLOCK	EA		

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152	N/A	N/A	GUARDRAIL POST BOLT 5/8" x 12" & 5/8" NUT FBB01	EA		
153	N/A	N/A	SPLICE BOLT 5/8" X 1 1/4", 5/8" NUT AND WASHER - FBB01	EA		
154	N/A	N/A	NU-GUARD 3 1/2" x 1/4" WASHER	EA		
155	N/A	N/A	GUARDRAIL POST BOLT 5/8" x 3 1/2" & 5/8" NUT FBB01	EA		

**Maintenance and Repair - CASS Cable System**

Contract Ref. #	Item Description	Pay Unit	Unit Price
156	LINE POST WITH HARDWARE REPLACEMENT	EACH	
157	CABLE TENSION CHECK AND ADJUSTMENT	PER CABLE	
158	CABLE FIELD SPLICE	PER CABLE	
159	ANCHOR CRP POST TOP REPLACEMENT #1X THRU 3	EACH	
160	ANCHOR TERMINAL POST #4 THRU 9	EACH	

By signing below, the Bidder (1) represents that the Bidder has examined the Contract Agreement contained in the Bid Documents, the Contract, all documents referenced in said Contract, and the site and scope of work, (2) does hereby bid and offer to enter into this contract to construct and/or perform the Work in strict accordance with the terms and conditions of this Contract at the unit prices bid in the attached "Schedule of Items", (3) represents that the Bidder has given the Department notice of any errors or ambiguities related to the documents or the work that have been discovered by the Bidder, (4) represents that the above-named organization is the legal entity entering into the resulting contract with the Department if they are awarded the contract and, (5) represents that the undersigned is authorized to enter contractual obligations on behalf of the above-named organization.

Bidder acknowledges that the properly completed and signed Schedule of Items provided with the Bid constitutes the Bidder's offer and that this offer shall remain open for 30 calendar days after the date of opening of bids.

The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

Use pen and ink to complete paper bids. Signatures shall be original. Stamped and copied signatures will not be accepted.

\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*(Print Bidder's Name and Title)*