



Guardrail Work-2018

Schedule of Items

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****Indicate the regions 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)**

BID ITEMS	PAY UNITS	Contractor Supplied Materials	MDOT Supplied Materials
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		
GUARDRAIL REMOVE AND DISPOSE	LINEAR FOOT		
GUARDRAIL, ADJUST	LINEAR FOOT		
607.16 CHAIN LINK FENCE 4 ft	LINEAR FOOT		N/A
607.163 CHAIN LINK FENCE 4 ft - PVC Coated	LINEAR FOOT		N/A
607.17 CHAIN LINK FENCE 6 ft	LINEAR FOOT		N/A
659.11 MOBILIZATION -CALENDAR DAY	CALENDAR DAY		
659.12 MOBILIZATION - HOURLY	HOUR		
659.13 MOBILIZATION - NIGHT TIME	CALENDAR DAY		

NOTES: for page 1 of 7

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.



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Contract Ref. Number	Trinity PART #	Former MaineDOT Part #	AASHTO Std Comp. #	ITEM DESCRIPTION	UNITS	New parts supplied and installed by Contractor	MaineDOT parts (new or used) installed by Contractor
1	9G	24	RWM02A	W-BEAM RAIL STANDARD PUNCH 6'3" 12 GA	EA		
2	11G	n/a	n/a	W-BEAM RAIL PUNCHED 3' 1" 12 GA	EA		
3	1060G	37	RWM02A	W-BEAM RADIUS (5° INCR.) 12GA	EA		
4	545G	9	PWE01	6' W6 X 8.5 STEEL POST	EA		
5	24501G	n/a	PWE03	6' 6" W6 X 8.5 STEEL POST	EA		
6	26924G	n/a	n/a	7' W6 X 8.5 STEEL POST	EA		
7	142682G	n/a	n/a	8' W6 X 8.5 STEEL POST	EA		
8	6955B	n/a	n/a	14" PLASTIC BLOCK INCL HARDWARE	SET		
9	441G	50	PWB01	14" STEEL BLOCK INCL HARDWARE	SET		
10	4076B	122	PDB01	14" ROUTERED WOOD BLOCK INCL HARDWARE	SET		
11	3G	46	RWB01A	BACK UP PLATE W-BEAM 12GA	EA		
12	907G	25	RWE03A	BUFFER END SINGLE 12 GA	EA		
13	926G	92	RWE02A	W-BEAM MICHIGAN SHOE 10 GA	EA		
14	9264G	n/a	n/a	W-BEAM BRIDGE BACKING PLATE 5/8"	EA		
15	19582G	n/a	RTB01A	THRIE BEAM BRIDGE BACKING PLATE 5/8"	EA		
16	975G	n/a	RWE05A	MICHIGAN SHOE THRIE BEAM 10 GA	EA		
17	6901B	n/a	n/a	22" PLASTIC BLOCK INCL HARDWARE	SET		
18	437G	n/a	PWB02	22" STEEL BLOCK INCL HARDWARE	SET		
19	60631B	n/a	PDB02	22" ROUTERED WOOD BLOCK INCL HARDWARE	SET		
20	209G	n/a	RTM02A	THRIE BEAM RAIL STANDARD PUNCH 12 GA	EA		
21	12513G	n/a	RTM08A	THRIE BEAM RAIL PUNCHED 1' 6" 12 GA	EA		
22	1178G	n/a	RTM02A	THRIE BEAM RADIUS (5° INCR.) 12 GA	EA		
23	977G	n/a	RWT01A	TRANSITION PANEL W-THRIE BEAM 10 GA	EA		
24	957G	n/a	RWE05A	BUFFER END THRIE BEAM 12 GA	EA		
25	4063B	n/a	PDE09	6" X 8" 6' CRT WOOD POST	EA		
26	4064B	n/a	PDE02	6" X 8" 6' SOLID WOOD POST	EA		
27	6058B	n/a	PDF01	42 1/2" X 5 1/2" X 7 1/2" CRT WOOD POST (MELT/FLEAT/SRT)	EA		
28	4075B	n/a	PDB01	14" X 6" X 8" WOOD BLOCK INCL HARDWARE	SET		
29	21G	n/a	RWM14A	W-BEAM BCT CABLE PANEL 12 GA	EA		
30	23200G	n/a	n/a	W-BEAM MELT CABLE PANEL 12 GA	EA		
31	19818A	N/A	N/A	STEEL SOIL TUBE W/ 2" X 2" X 8" TUBE WELDED	EA		
32	740G	N/A	PTE05	STEEL SOIL TUBE 6" X 8" X 60"	EA		
33	742G	N/A	PTE06	STEEL SOIL TUBE 6" X 8" X 72"	EA		
34	766G	N/A	N/A	STEEL SOIL PLATE 24" X 24"	EA		
35	700A	N/A	FPA01	CABLE ANCHOR BRACKET BCT/MELT/SRT	EA		
36	775G	N/A	FPB01	BEARING PLATE	EA		
37	3000G	N/A	FCA01	CABLE 3/4" X 6' 6" WITH NUTS AND WASHERS	SET		
38	3003G	N/A	FCA02	CABLE 3/4" X 10' WITH NUTS AND WASHERS	SET		
39	927G	N/A	RWE02A	BENT LIP MICHIGAN SHOE W-BEAM	EA		

Contract Ref. Number	Trinity PART #	Former MaineDOT Part #	AASHTO Std Comp. #	ITEM DESCRIPTION	UNITS	New parts supplied and installed by Contractor	MaineDOT parts (new or used) installed by Contractor
40	919G	N/A	RWE05A	BCT DOUBLE BUFFER	EA		
41	987G	N/A	RWE04A	MELT DOUBLE BUFFER	EA		
42	986G	N/A	REE01	DOUBLE BUFFER DIAPHRAM PLATE	EA		
43	9716A	123	PFP01	MELT STRUT	EA		
44	N/A	N/A	N/A	CABLE RELEASING ANCHOR HARDWARE PACKAGE	PKG		
45	19819A	N/A	N/A	10" GALV. TUBE WITH PLATE	EA		
46	9713G	N/A	FPP02	MELT SHELF	EA		
47	N/A	N/A	N/A	BRIDGE ANCHOR PLATE WITH 7/8" X 8" BOLTS WELDED	EA		
48	N/A	N/A	N/A	BRIDGE BOLTS 7/8" X 20" WITH NUT AND WASHER	EA		
49	3300G	N/A	FBC16A	5/8" ROUND WASHER KEG (1000 PCS)	KEG		
50	3320G	105/67	FWR03	5/8 RECTANGLE WASHER KEG (1000 PCS)	KEG		
51	705G	N/A	FMM02	2 1/2" X 5 1/2" PIPE SLEEVE	EA		
52	3010G	N/A	FCC20	3/4" CABLE CLAMPS FORGED	EA		
53	3580G	N/A	FBC16	5/8" X 18" BUTTON HEAD BOLT	EA		
54	3360G	39	FBB01	SPLICE BOLT KEG (1000 PCS) 5/8 X 1 1/4	KEG		
55	3340G	104	FBB01-05	DR NUT KEG 5/8 (1000 PCS)	KEG		
56	3400G	35A	FBB02	CENTER BOLT KEG 5/8 X 2" BUTTON HEAD (1000 PCS)	KEG		
57	3380G	N/A	FBX16A	BRACKET BOLT KEG 5/8 X 1 1/2 HEX HEAD (1000 PCS)	KEG		
58	3495G	N/A	FBB03	CENTER BOLT BOX BUTTON HEAD 5/8 X 9 1/2 (200 PCS)	KEG		
59	SH242GRS	N/A	N/A	SAFE-HIT FLEXIBLE GUARDRAIL MARKER 42"	EA		
60	SH254GRS	N/A	N/A	SAFE-HIT FLEXIBLE GUARDRAIL MARKER 54" W/SOIL ANCHOR	EA		
61	N/A	N/A	N/A	REFLECTIVE SHEETING 3" X 8" (SPECIFY COLOR)	EA		
62	6665B	N/A	N/A	REFLECTIVE SHEETING 14" X 14" CHEVRON PATTERN	EA		
63	0	N/A	N/A	BEAM REFLECTORS (SPECIFY WHITE/YELLOW) BOX 200CT	BOX		
63A	N/A	N/A	N/A	BEAM REFLECTOR (WHITE or YELLOW)	EA		
64	N/A	N/A	N/A	U-CHANNEL 2 1/2LB X 8' DELINEATOR POST	EA		
65	N/A	N/A	N/A	MELT HARDWARE PACKAGE (See Note 2)	PKG		
66	N/A	N/A	N/A	BCT HARDWARE PACKAGE (See Note 2)	PKG		
67	33726A	N/A	N/A	ET-PLUS HARDWARE PACKAGE (See Note 2)	PKG		
68	32G	N/A	N/A	ET-PLUS 12/12.5"/6'3"/S ANCHOR-PANEL (GUARDRAIL)	EA		
69	704A	N/A	N/A	ET-PLUS CABLE ANCHOR BRACKET	EA		
70	995G	N/A	N/A	ET-PLUS GUARDRAIL EXTRUDER	EA		
71	9852A	N/A	N/A	ET-PLUS STRUT	EA		
72	14329G	N/A	N/A	STEEL YIELDING TERMINAL POST (SYTP) IN TUBE	EA		
73	14578G	N/A	N/A	STEEL YIELDING TERMINAL POST (SYTP)-1/2" HOLES	EA		
74	33871A	N/A	N/A	ET HBA POST #1 TOP	EA		
75	33873A	N/A	N/A	ET HBA POST #1 and #2 BOTTOM	EA		
76	33874A	N/A	N/A	ET HBA POST #3 UP TO POST #8 BOTTOM	EA		
77	33877A	N/A	N/A	ET HBA POST #2 UP TO POST #8 TOP	EA		
78	33875G	N/A	N/A	6'6" (1980) ANGLE STRUT	EA		
79	33795G	N/A	N/A	6'6" (1980) ANGLE STRUT	EA		



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80	992G	N/A	N/A	SRT HARDWARE PACKAGE (See Note 2)	PKG		
81	30G	N/A	N/A	12/12.5/6'3"/S SRT-1 ANC (GUARDRAIL)	EA		
82	39G	N/A	N/A	12/12.5/6'3"/S SRT-2 (GUARDRAIL)	EA		
83	775G	N/A	N/A	SRT 6" x 8" x 5/8" BEARING PLATE	EA		
84	9852A	N/A	N/A	SRT STRUT	EA		
85	33852G	N/A	N/A	SRT/HBA HARDWARE PACKAGE (See Note 2)	PKG		
86	33876A	N/A	N/A	SRT/HBA POST 1 TOP (W6 x 8.5)	EA		
87	33877A	N/A	N/A	SRT/HBA POST 2 TOP (W6 x 8.5)	EA		
88	33878A	N/A	N/A	SRT/HBA POST 1 & 2 BOT (TS 6 x 4)	EA		
89	33879G	N/A	N/A	SRT ANGLE STRUT 2" X 2" X 3/8"	EA		
90	33880G	N/A	N/A	SRT 1" x 6" x 8" BEARING PLATE	EA		
91	N/A	N/A	N/A	SKT-350 HARDWARE PACKAGE (See Note 2)	PKG		
92	S3000	N/A	N/A	SKT-350 IMPACT HEAD	EA		
93	N/A	N/A	N/A	FLEAT-350 HARDWARE PACKAGE (See Note 2)	PKG		
94	F3000	N/A	N/A	FLT-350 IMPACT HEAD	EA		
95	F1303	N/A	N/A	FLT-350 W-BEAM GUARDRAIL END SECTION 12Ga., 12'-6"	EA		
96	F1304	N/A	N/A	FLT-350 W-BEAM G.R. CENTER SECT. (4'-2" SPACING) 12'-6"	EA		
97	S760	N/A	N/A	FLT-350 CABLE ANCHOR BRACKET	EA		
98	E780	N/A	N/A	FLT-350 GROUND STRUT	EA		
99	33794A	N/A	N/A	CAT-350 HARDWARE PACKAGE (See Note 2)	PKG		
100	31G	N/A	N/A	12/12.5' CAT (GUARDRAIL)	EA		
101	130A	N/A	N/A	10/12.5"/5'10:6'8"/SP CAT (GUARDRAIL)	EA		
102	782G	N/A	N/A	CAT 8" x 8" x 5/8" BEARING PLATE	EA		
103	983G	N/A	N/A	10/NOSE PLATE/ CAT/ ROLLED	EA		
104	984G	N/A	N/A	10/SIDE PLATE CAT	EA		
105	3012G	N/A	N/A	CAT CABLE ASSEMBLY 3/4" x 8'0" DBL SWG	EA		
106	3074B	N/A	N/A	WD 3'6" POST#2, 3, 4, 5, 6 CAT	EA		
107	3075B	N/A	N/A	WD 3'6" POST #1 CAT	EA		
108	3100B	N/A	N/A	WD BLOCK 1'2" #1 CAT	EA		
109	3101B	N/A	N/A	WD BLOCK 1'2" #2-6 CAT	EA		
110	9852A	N/A	N/A	CAT CHANNEL STRUT X 6'6" (1980)	EA		
111	9915A	N/A	N/A	SPACER CHANNEL CAT	EA		
112	33875G	N/A	N/A	CAT 6'6" ANGLE STRUT	EA		
113	N/A	N/A	N/A	FLEAT-MT HARDWARE PACKAGE (See Note 2)	PKG		
114	C3820	N/A	N/A	FL-MT 3/8" WIRE 20'-0"	EA		
115	PBFMT	N/A	N/A	FL-MT POST BREAKER	EA		
116	G1201	N/A	N/A	FL-MT W-BEAM G.R., SHORT SECT. (6'-3" SPACING) 12Ga., 6'-3"	EA		
117	DBMT	N/A	N/A	FL-MT DEFLECTOR BOX	EA		



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Contract Ref. Number	Trinity PART #	Former MaineDOT Part #	AASHTO Std Comp. #	ITEM DESCRIPTION	UNITS	New parts supplied and installed by Contractor	MaineDOT parts (new or used) installed by Contractor
118	SS-444	N/A	N/A	SRT-350 (COMPLETE WITH ALL HARDWARE) 8-POST	SYSTEM		
119	SS-351	N/A	N/A	SRT-350 HBA (COMPLETE WITH ALL HARDWARE) 6-POST	SYSTEM		
120	N/A	N/A	N/A	FLEAT 350 SYSTEM (COMPLETE WITH ALL HARDWARE)	SYSTEM		
121	SEW03A-8	68A	SEW03A-B	TIMBER POST BCT (COMPLETE WITH ALL HARDWARE)	SYSTEM		
122	SEW05	N/A	SEW05	MELT (COMPLETE WITH ALL HARDWARE)	SYSTEM		
123	SS-378	N/A	SEW07	ET2000 SYSTEM (COMPLETE WITH ALL HARDWARE)	SYSTEM		
124	SS-546	N/A	SEW08	CAT SYSTEM (COMPLETE WITH ALL HARDWARE)	SYSTEM		
125	N/A	N/A	N/A	SKT 350	SYSTEM		
126	N/A	N/A	N/A	FLEAT MT 350	SYSTEM		
127	N/A	N/A	N/A	XLITE END TERMINAL, NCHRP350 TL-3	SYSTEM		

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- NOTE 1: All prices shall be for either galvanized or weathering (COR-TEN) steel (if applicable)
- NOTE 2: Hardware packages shall include: anchor brackets, pipe sleeve, bearing plate bolts, nuts and washers.
- NOTE 3: All screws, nails, nuts, bolts and washers are incidental to the work.
- NOTE 4: Radius beam shall be paid for as regular straight beam.
- NOTE 5: The Contractor will be paid for mobilization in accordance with Special Provision (mobilization).
- NOTE 6: The Maine DOT will provide all signs and traffic control.
- NOTE 7: 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 Maine DOT. 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 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.



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Cass Cable System Repair & Other

BID ITEMS	PAY UNITS	Contractor Supplied Materials
LINE POST WITH HARDWARE REPLACEMENT	EACH	
CABLE TENSION CHECK AND ADJUSTMENT	PER CABLE	
CABLE FIELD SPLICE	PER CABLE	
ANCHOR CRP POST TOP REPLACEMENT #1X THRU 3	EACH	
ANCHOR TERMINAL POST #4 THRU 9	EACH	
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	
ALUMINUM SLIDE GATES INCLUDING SUPPORT POSTS	LINEAR FOOT	
GALVANIZED STEEL SWING GATES INCLUDING SUPPORT POSTS	LINEAR FOOT	

NOTES: for page 6 of 7

1. This work consists of supplying all materials, equipment and labor to install guardrail and components or perform work at locations and quantities as directed by the Regions.
2. For each day that the contractor provides guardrail services for the
See Special Provision for exact intent and usage of Mobilization.
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NUCOR NU-GUARD 27 & NU-GUARD 31

BID ITEMS	PAY UNITS	Contractor Supplied Materials
RWM02a W-BEAM RAIL, AASHTO M-180, 12 GA, TYPE II - 12'6"	EACH	
NU-GUARD LINE POST GR SP-80	EACH	
OFFSET BLOCK	EACH	
GUARDRAIL POST BOLT 5/8" x 12" & 5/8" NUT FBB01	EACH	
SPLICE BOLT 5/8" X 1 1/4", 5/8" NUT AND WASHER - FBB01	EACH	
NU-GUARD 3 1/2" x 1/4" WASHER	EACH	
GUARDRAIL POST BOLT 5/8" x 3 1/2" & 5/8" NUT FBB01	EACH	
SPLICE BOLT 5/8" X 1 1/4", 5/8" NUT AND WASHER - FBB01	EACH	
GUARDRAIL POST BOLT 5/8" x 3 1/2" & 5/8" NUT FBB01	EACH	

NOTES: for page 7 of 7

1. This work consists of supplying all materials, equipment and labor to install guardrail 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.