

**DESCRIPTION OF PROJECT:**

**Project Number:** PRA-YELL 10(15) &  
PRA-YELL 13(10)  
**Project Name:** GRAND LOOP ROAD, (Madison to Norris, Segment B)  
EAST ENTRANCE ROAD (Sylvan Pass)  
**Project Length:** 17.08 **Kilometers or Miles** (circle one)

**Description & type of Work:** This work consists of excavation, retaining walls, stone facing and structures, drainage, bridge construction and timber bridge rehabilitation, roadway obliteration/reclamation, pavement recycling, base, and paving (e.g. grading, drainage, base, paving, structure, etc.) **Please provide detailed info regarding special design features such as bridges, walls, etc.**

**LOCATION:** Madison Junction (north) and East Entrance Road  
**FOREST, PARK, BLM DIST, etc.** Yellowstone National Park  
**COUNTY** Park,Teton **STATE** Wyoming

**THIS PROJECT IS LOCATED APPROXIMATELY:**

36 Miles SW (Direction, i.e., North, NW, etc.)  
of Gardiner Montana  
(City) (State)

**PRICE RANGE:**

XX Over \$10,000,000

**CONTRACT TIME – The Government Estimate is based on:**

<b>SCHEDULE</b>	<b>Options</b>	<b>FIXED COMPLETION DATE</b>
<u>X</u>	<u>Base</u>	<u>November 03, 2008</u>
<u>X</u>	<u>A</u>	<u>November 03, 2008</u>

**DESCRIPTION OF WORK:**

**METRIC UNITS**

**DIVISION 150 – Project Requirements**

152	Construction Survey & Staking	X	YES		NO
153	Contractor Quality Control and Assurance	X	YES		NO
154	Contractor Sampling & Testing	X	YES		NO
155	Schedules for Construction Contracts ( <i>construction schedules</i> )	X	YES		NO
157	Soil Erosion Control Devices ( <i>erosion control devices</i> ) Silt fence				3,000 m
158	Watering for Dust Control				LPSM

**DIVISION 200 – Earthwork**

201	Clearing & Grubbing				13.0 ha
202	Additional Clearing & Grubbing ( <i>clearing &amp; grubbing</i> )				1.0 ha
203	Removal of Structures & Obstructions ( <i>structures, demolition</i> ) <i>Option A</i> --Timber Bridge Bridge Stone headwalls Stone Masonry				LPSM LPSM 40 ea 200 m2
204	Excavation & Embankment Roadway Excavation Subexcavation Select Borrow				120,000 m3 2,000 m3 3,000 t
205	Rock Blasting: Controlled Blast Hole ( <i>rock blasting</i> ) Blasting Consultant ( <i>Consultant/Engineering Services</i> )	X	Yes		No
207	Earthwork Geotextiles ( <i>geotextiles</i> ) Geotextile Geomembrane				2,000 m2 500 m2
208	Structure Excavation				2,000 m3
211	Roadway Obliteration				85,500 m2

**DIVISION 250 - Slope Reinforcement and Retaining Walls**

251	Riprap Riprap ditch Boulder,Landscape Boulder, Pedestrian Area				1,500 m3 1,500 m 300 ea 50 ea
252	Rockery Wall Special rock embankment				400 m2 50 m2
254	Crib Walls ( <i>retaining walls</i> ) <i>Option A</i>				30 m2
255	Mechanically Stabilized Earth Walls ( <i>retaining walls</i> )				160 m2
258	Reinforced Concrete Retaining Walls ( <i>retaining walls</i> )				75 m2
259	Soil Nail Retaining Walls				540 m2

**DIVISION 300 – Aggregate Courses**

301	Untreated Aggregate Courses ( <i>crushed aggregate</i> )	6,000 t
308	Minor Crushed Aggregate ( <i>crushed aggregate</i> )	5,000 t
309	Emulsified Asphalt Treated Base Course ( <i>crushed aggregate</i> )	16,000 t
310	Recycled Aggregate Course ( <i>asphalt pavement recycling</i> )	30,000 m <sup>2</sup>
311	Stockpiled aggregate	30,000 t

#### **DIVISION 400 – Asphalt Pavements & Surface Treatments**

403	Hot Asphalt Concrete Pavement ( <i>asphalt concrete pavement</i> )	15,000 t
411	Asphalt Prime Coat ( <i>asphalt surface treatment</i> )	160 t
412	Asphalt Tack Coat ( <i>asphalt surface treatment</i> )	80 t
418	Hot Open Graded Asphalt Concrete ( <i>asphalt surface treatment</i> )	18,000 t

#### **DIVISION 550 – Bridge Construction**

552	Structural Concrete ( <i>concrete – major structures</i> )	1,700 m <sup>3</sup>
553	Prestressed Concrete ( <i>concrete prestressed</i> )	460 m
554	Reinforcing Steel	160,000 kg
557	Timber Structures ( <i>structures, timber</i> )	
	<i>Option A--</i> Structural Timber and Lumber, treated deck	60 m <sup>3</sup>
	<i>Option A--</i> Structural Timber and Lumber, untreated	55 m <sup>3</sup>
565	Drilled Shafts	500 m
566	Shotcrete	50 m <sup>2</sup>
569	Micropiles	400 m

**DIVISION 600 – Incidental Construction**

601	Minor Concrete Structures ( <i>concrete – minor structures</i> )	120 m <sup>2</sup>
602	Culverts & Drains ( <i>indicate one or both</i> ) Small Culverts <b>Option A--</b> Clay pipe (geothermal installations)	300 m 50 m
604	Manholes, Inlets, & Catch Basins ( <i>culverts &amp; drains</i> ) (indicate which) Catch Basins	5 ea
605	Underdrains, Sheet Drains & Pavement Edge Drains ( <i>culverts &amp; drains</i> ) (indicate which) Underdrain	500 m
608	Paved Waterways ( <i>culverts &amp; drains</i> )	60 m <sup>2</sup>
609	Curb & Gutter ( <i>concrete – minor structures</i> ) ( <i>indicate which</i> ) Stone Curb Log Curb	800 m 350 m
615	Asphalt Sidewalk Concrete Sidewalk	2,800 m <sup>2</sup> 550 m <sup>2</sup>
617	Guardrail	400 m
620	Stone Masonry Facing Stone Masonry Guardwall Stone Masonry Wall Stone Masonry Wall Repair Remove and Reset Stone Masonry	420 m <sup>3</sup> 220 m 150 m <sup>2</sup> 60 m <sup>3</sup> 65 m <sup>3</sup>
622	Rental Equipment Labor	3,000 hours 700 hours
624	Topsoil ( <i>landscaping &amp; related items</i> ) Topsoil	10.0 ha
625	Turf Establishment ( <i>indicate seeding or mulching separately</i> ) Mulch	10.0 ha
633	Permanent Traffic Control Devices (traffic control devices) Signs Snowpole holder	40 ea 240 ea
634	Permanent Pavement Markings ( <i>traffic pavement markings</i> )	150,000 m
635	Temporary Traffic Control ( <i>traffic control – flaggers &amp; pilot cars</i> )	
	Flagger: Hours: 8,000	Pilot Car: Hours: 1000
646	Buildings and Fixtures ( <i>use pay item description</i> ) Restroom (Government furnished) Bench, Stone Supports Handrail Handrail, Pedestrian Rail, Timber	3 ea 15 ea 20 m 200 m
647	Mitigation ( <i>use pay item description</i> ) Landscape Logs Log Deflector Rock Weir Fish Boulder	3,000 m 20 ea 25 ea 80 ea
651	Rockfall Protection Fence, (Temporary)	225 m