

MASTER PAY ITEM LISTING

07/06/04

List of All Items

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
100000000	*****	FP-96 English Item Table (DO NOT DELETE THIS HEADING!!!!)			
151000000	*****	Section 151-MOBILIZATION			
151011000	LPSM	Mobilization	\$	\$	
152000000	*****	Section 152 - CONSTRUCTION SURVEY AND STAKING			
152011000	LPSM	Construction survey and staking			
152021000	Mile	Slope, reference, and clearing and grubbing stakes	2		
152031000	Mile	Centerline reestablishment	2		
152041000	Each	Drainage structure survey and staking	0		
152051000	LPSM	Bridge survey and staking	\$	\$	
152061000	LPSM	Retaining wall survey and staking	\$	\$	
152071000	Mile	Grade finishing stakes	3		
152081000	Each	Permanent monuments and markers			
152091000	Hour	Miscellaneous survey and staking	0		
152101000	LPSM	Miscellaneous survey and staking		\$	
152111000	LPSM	Borrow sites survey			
153000000	*****	Section 153 - CONTRACTOR QUALITY CONTROL			
153011000	LPSM	Contractor quality control			
153031000	LPSM	Quality control and assurance system	\$	\$	
154000000	*****	Section 154 - CONTRACTOR SAMPLING AND TESTING			
154011000	LPSM	Contractor testing	\$	\$	
155000000	*****	Section 155 - SCHEDULES FOR CONSTRUCTION CONTRACTS			
155011000	LPSM	Construction schedule	\$	\$	
156000000	*****	Section 156 - PUBLIC TRAFFIC			
157000000	*****	Section 157 - SOIL EROSION CONTROL			
157011000	Pound	Temporary turf establishment	0		
157021000	Acre	Temporary turf establishment	4		
157031000	Ln Ft	Silt fence	0		
157041000	Ln Ft	Brush barriers	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
157051000	Ln Ft	Slope drains	0		
157061000	Ln Ft	Earth berms	0		
157070100	Ln Ft	Temporary culvert pipe	0		
157070600	Ln Ft	Temporary 24 inch culvert pipe			
157070750	Ln Ft	Temporary 30 inch culvert pipe			
157070900	Ln Ft	Temporary 36 inch culvert pipe			
157071200	Ln Ft	Temporary 48 inch culvert pipe			
157071500	Ln Ft	Temporary 60 inch culvert pipe			
157071800	Ln Ft	Temporary 72 inch culvert pipe	0		
157081000	Each	Bales			
157091000	Each	Check dams			
157101000	Each	Sandbags			
157111000	Each	Sediment traps			
157121000	Each	Riser pipe assembly			
157131000	Sq Yd	Plastic lining			
157141000	LPSM	Temporary stream crossing	0	0	
157171000	Ln Ft	Waterproof barrier			
157181000	Ln Ft	Diversion channel			
157182000	Ln Ft	Stream diversion			
157191000	Ln Ft	Gravel filter berm			
157201000	Each	Gravel filter dam			
157202000	Each	Water bar			
157211000	LPSM	Diversion channel			
157212000	LPSM	Stream diversion			
157213000	LPSM	Water crossing			
157221000	Cubic Yard	Diversion channel			
157231000	Ln Ft	Silt stop			
157241000	Ln Ft	Fiber log			
157241500	Ln Ft	Wattle			
157291000	Slyr Unit	Soil stabilization		1	
157291020	Acre	Soil stabilization	3		
157301000	Slyr Unit	Temporary turf establishment			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
157311000	Ton	Temporary turf establishment (fertilizing)			
157320500	Sq Yd	Temporary erosion control matting			
157321000	Sq Yd	Temporary turf establishment			
157331000	LPSM	Temporary turf establishment			
157341000	LPSM	Turbidity monitoring			
157401000	Slry Unit	Seeding, hydraulic method			
157411000	Slry Unit	Mulching, hydraulic method			
157491000	Ln Ft	Boom			
157501000	Each	Sediment mat			
157521000	LPSM	Water bladder system	0	0	
157531000	Each	Stream diversion			
157801000	Day	Erosion control supervisor	0	0	
158000000	*****	Section 158 - WATERING FOR DUST CONTROL			
158011000	Cubic Yard	Watering for dust control		0	
2010000000	*****	Section 201 - CLEARING AND GRUBBING			
201011000	Acre	Clearing and grubbing			
201021000	LPSM	Clearing and grubbing	\$	\$	
201041000	Sq Yd	Clearing and grubbing			
2020000000	*****	Section 202 - ADDITIONAL CLEARING AND GRUBBING			
202011000	Acre	Selective clearing	3		
202021000	Acre	Selective clearing and grubbing	3		
202031000	Acre	Special clearing and grubbing	3		
202041000	Sq Yd	Removal of individual trees			
202051000	Each	Removal of individual stumps			
202062000	Each	Removal of individual trees			
202071000	Mile	Selective clearing			
202081000	Sq Yd	Selective clearing			
202091000	Ln Ft	Special clearing	0	0	
2030000000	*****	Section 203 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS			
203010100	Each	Removal of sign	0		
203010200	Each	Removal of gate	0		
203010220	Each	Removal of metal gate			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
203010230	Each	Removal of wood gate			
203010240	Each	Removal of barbed wire gate			
203010250	Each	Removal of wooden bollard	0		
203010275	Each	Removal of concrete bollard			
203010300	Each	Removal of utility pole	0		
203010400	Each	Removal of headwall	0		
203010420	Each	Removal of stone masonry headwall			
203010500	Each	Removal of inlet	0		
203010550	Each	Removal of catch basin			
203010600	Each	Removal of box culvert	0		
203010700	Each	Removal of pipe culvert	0		
203010750	Each	Removal of structural plate pipe			
203010800	Each	Removal of bridge	0		
203010850	Each	Removal of railroad bridge	0		
203010900	Each	Removal of bridge deck	0		
203011000	Each	Removal of bridge superstructure	0		
203011050	Each	Removal of abutment			
203011100	Each	Removal of bridge expansion joint	0		
203011200	Each	Removal of approach slab	0		
203011300	Each	Removal of asphalt pavement	0		
203011400	Each	Removal of portland cement concrete pavement	0		
203011500	Each	Removal of brick pavement	0		
203011600	Each	Removal of bridge pavement	0		
203011700	Each	Removal of asphalt sidewalk	0		
203011800	Each	Removal of portland cement concrete sidewalk	0		
203011900	Each	Removal of stone sidewalk	0		
203012000	Each	Removal of brick sidewalk	0		
203012100	Each	Removal of bridge sidewalk	0		
203012200	Each	Removal of asphalt curb	0		
203012300	Each	Removal of portland cement concrete curb	0		
203012400	Each	Removal of stone curb	0		
203012500	Each	Removal of bridge curb	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
203012600	Each	Removal of portland cement concrete curb and gutter	0		
203012625	Each	Removal of portland cement concrete drive pad	0		
203012700	Each	Removal of portland cement concrete wheelstop	0		
203012800	Each	Removal of timber wheelstop	0		
203012900	Each	Removal of asphalt paved waterway	0		
203013000	Each	Removal of portland cement concrete paved waterway	0		
203013100	Each	Removal of stone paved waterway	0		
203013200	Each	Removal of brick paved waterway	0		
203013300	Each	Removal of woven wire fence	0		
203013400	Each	Removal of barbed wire fence	0		
203013500	Each	Removal of chain link fence	0		
203013600	Each	Removal of rail fence	0		
203013700	Each	Removal of guardrail	0		
203013800	Each	Removal of guardrail, timber	0		
203013900	Each	Removal of masonry guardwall	0		
203014000	Each	Removal of stone masonry	0		
203014500	Each	Removal of manhole	0		
203014800	Each	Removal of restroom facility	0		
203014900	Each	Removal of restroom vault	0		
203014950	Each	Removal of slope drains	0	0	
203015000	Each	Removal and stockpiling of garbage can support	0		
203015020	Each	Removal and stockpiling of picnic table	0		
203015100	Each	Removal and stockpiling of catch basin	0		
203015200	Each	Removal and stockpiling of kiosk	0		
203015300	Each	Removal and stockpiling of timber light standard	0		
203015400	Each	Removal and stockpiling of sign	0		
203015450	Each	Removal and stockpiling of sign/marker	0		
203015460	Each	Removal and stockpiling of stock loading chute	0		
203015465	Each	Removal of cattleguard	0		
203015470	Each	Removal and stockpiling of cattle guard	0		
203015475	Each	Removal and stockpiling of pipe culvert	0		
203015480	Each	Removal of mailbox	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
203015510	Each	Removal of flag pole	0		
203015580	Each	Removal of drinking fountain	0		
203015600	Each	Removal of concrete pad	0		
203015700	Each	Removal of concrete barrier	0	0	
203016000	Each	Removal of individual boulders	0		
203016100	Each	Removal of well	0		
203016200	Each	Removal of building			
203016300	Each	Removal of septic system	0		
203016400	Each	Removal of vehicle	0		
203016500	Each	Removal of concrete barrier	0		
203016600	Each	Removal of steel beam support system	0		
203016650	Each	Removal of timber panel	0		
203020050	Ln Ft	Removal of curb	0		
203020100	Ln Ft	Removal of asphalt curb	0		
203020200	Ln Ft	Removal of concrete curb	0		
203020300	Ln Ft	Removal of concrete curb and gutter	0		
203020400	Ln Ft	Removal of log curb	0		
203020600	Ln Ft	Removal of box culvert	0		
203020700	Ln Ft	Removal of pipe culvert	0		
203020800	Ln Ft	Removal of fence	0		
203020810	Ln Ft	Removal of barbed wire fence	0		
203020815	Ln Ft	Removal of board fence	0		
203020820	Ln Ft	Removal of chain link fence	0		
203020860	Ln Ft	Removal of rail fence	0		
203020900	Ln Ft	Removal of guardrail	0		
203020920	Ln Ft	Removal of concrete barrier	0		
203020940	Ln Ft	Removal of rock barrier	0		
203020960	Ln Ft	Removal of wood barrier	0		
203021000	Ln Ft	Removal of parapet and guardwall	0		
203021100	Ln Ft	Removal of masonry wall	0		
203021200	Ln Ft	Removal of stone masonry guardwall	0		
203021500	Ln Ft	Removal of timber wall	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
203022000	Ln Ft	Remove and salvage stone curb	0		
203022100	Ln Ft	Remove and salvage stone masonry edging	0		
203022900	Ln Ft	Removal and stockpiling of guardrail	0		
203022920	Ln Ft	Removal and stockpiling of fence	0		
203023000	Ln Ft	Removal of silt fence	0		
203030100	Sq Ft	Removal of headwalls	0		
203030200	Sq Yd	Removal of bridge	1		
203030300	Sq Yd	Removal of bridge deck	1		
203030400	Sq Yd	Removal of bridge superstructure	1		
203030500	Sq Yd	Removal of approach slab	1		
203030550	Sq Yd	Removal of asphalt pavement patches	0		
203030600	Sq Yd	Removal of asphalt pavement	1		
203030650	Sq Yd	Removal of asphalt pavement and base	1		
203030700	Sq Yd	Removal of portland cement concrete pavement	1		
203030800	Sq Yd	Removal of brick pavement	1		
203030900	Sq Yd	Removal of bridge pavement	1		
203031000	Sq Yd	Removal of asphalt sidewalk	1		
203031100	Sq Yd	Removal of portland cement concrete sidewalk	1		
203031200	Sq Yd	Removal of stone sidewalk	1		
203031300	Sq Yd	Removal of brick sidewalk	1		
203031400	Sq Yd	Removal of bridge sidewalk	1		
203031500	Sq Ft	Removal of asphalt paved waterway	1		
203031600	Sq Ft	Removal of portland cement concrete paved waterway	1		
203031700	Sq Ft	Removal of stone paved waterway	1		
203031800	Sq Ft	Removal of brick paved waterway	1		
203031900	Sq Ft	Removal of masonry guardwall	1		
203032000	Sq Ft	Removal of stone masonry	1		
203032100	Sq Ft	Removal of mechanically stabilized earth wall	1		
203032200	Sq Ft	Removal of Revet Mattress	1		
203040050	LPSM	Removal of asphalt pavement and base	0		
203040075	LPSM	Removal of buildings	0		
203040100	LPSM	Removal of gates	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
203040150	LPSM	Removal of arch culvert	0		
203040200	LPSM	Removal of box culverts	0		
203040250	LPSM	Removal of bridge	0		
203040260	LPSM	Removal of bridge deck and stringers	0		
203040275	LPSM	Removal of bridge substructure	0		
203040276	LPSM	Removal of bridge superstructure	0	0	
203040300	LPSM	Removal of pipe culverts	0		
203040325	LPSM	Removal of structural plate pipe	0		
203040350	LPSM	Removal of headwalls	0		
203040400	LPSM	Removal of bridge expansion joint	0		
203040450	LPSM	Removal of bridge rail	0		
203040500	LPSM	Removal of asphalt curb	0		
203040600	LPSM	Removal of portland cement concrete curb	0		
203040700	LPSM	Removal of stone curb	0		
203040800	LPSM	Removal of bridge curb	0		
203040900	LPSM	Removal of portland cement concrete curb and gutter	0		
203041000	LPSM	Removal of portland cement concrete wheelstops	0		
203041100	LPSM	Removal of timber wheelstops	0		
203041200	LPSM	Removal of asphalt paved waterway	0		
203041300	LPSM	Removal of portland cement concrete paved waterway	0		
203041400	LPSM	Removal of stone paved waterway	0		
203041500	LPSM	Removal of brick paved waterway	0		
203041550	LPSM	Removal of fence	0		
203041600	LPSM	Removal of woven wire fence	0		
203041700	LPSM	Removal of barbed wire fence	0		
203041800	LPSM	Removal of chain link fence	0		
203041900	LPSM	Removal of rail fence	0		
203041950	LPSM	Removal of stock loading chute and fence	0		
203041975	LPSM	Removal of stock underpass	0		
203042000	LPSM	Removal of guardrail	0		
203042100	LPSM	Removal of guardrail, timber	0		
203042150	LPSM	Removal of concrete barrier	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
203042200	LPSM	Removal of masonry guardwall	0		
203042250	LPSM	Removal of silt fence	0	0	
203042300	LPSM	Removal of stone masonry	0		
203042400	LPSM	Delivery of removed structure	0		
203042500	LPSM	Removal of signs	0		
203042600	LPSM	Removal of poles and lines	0		
203042700	LPSM	Removal of blast shield	0		
203046800	LPSM	Removal of waterline	0		
203050050	LPSM	Removal of structures and obstructions	0		
203061000	Cubic Yard	Removal of isolated boulders	0		
203062000	Cubic Yard	Removal of concrete pad	0		
203063000	Cubic Yard	Removal of base aggregate	0		
203070100	Sq Yd	Removal of existing sign	0		
204000000	*****	Section 204 - EXCAVATION AND EMBANKMENT			
204011000	Cubic Yard	Roadway excavation	0		
204021000	Cubic Yard	Subexcavation	0		
204031000	Cubic Yard	Unclassified borrow	0		
204041000	Ton	Unclassified borrow	1		
204051000	Cubic yard	Select borrow	0		
204061000	Ton	Select borrow	1		
204071000	Cubic Yard	Select topping	0		
204081000	Ton	Select topping	1		
204091000	Cubic Yard	Embankment construction	0		
204101000	Ln Ft	Furrow ditches	0		
204111000	Ln Ft	Rounding cut slopes	0		
204121000	Cubic Yard	Waste	0		
204130500	Cubic Yard	Slope scaling	0		
204140500	Ln Ft	Ditch	0		
204142000	Ln Ft	Ditch reconditioning	0		
204151000	Cubic Yard	Rock borrow	0		
204161000	Ton	Rock borrow	1		
204171000	Ton	Granular embankment	1		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
204200100	Sq Yd	Scarify asphalt surface	0		
204210100	Mile	Scarify asphalt surface	1		
204261000	Each	Boulders	0		
205000000	*****	Section 205 - ROCK BLASTING			
205011000	Ln Ft	Controlled blast hole	1		
205021000	Ln Ft	Nonexplosive fragmentation	1		
205041000	Cubic Yard	Rubblized blasting	0		
205105000	LPSM	Blasting consultant services			
207000000	*****	Section 207 - EARTHWORK GEOTEXTILES			
207011100	Sq Yd	Earthwork geotextile type I-A	0		
207011200	Sq Yd	Earthwork geotextile type I-B	0		
207011300	Sq Yd	Earthwork geotextile type I-C	0		
207011400	Sq Yd	Earthwork geotextile type I-D	0		
207011500	Sq Yd	Earthwork geotextile type I-E	0		
207011600	Sq Yd	Earthwork geotextile type I-F	0		
207012100	Sq Yd	Earthwork geotextile type II-A	0		
207012200	Sq Yd	Earthwork geotextile type II-B	0		
207012300	Sq Yd	Earthwork geotextile type II-C	0		
207013100	Sq Yd	Earthwork geotextile type III-A	0		
207013200	Sq Yd	Earthwork geotextile type III-B	0		
207014100	Sq Yd	Earthwork geotextile type IV-A	0		
207014200	Sq Yd	Earthwork geotextile type IV-B	0		
207014300	Sq Yd	Earthwork geotextile type IV-C	0		
207014400	Sq Yd	Earthwork geotextile type IV-D	0		
207014500	Sq Yd	Earthwork geotextile type IV-E	0		
207014600	Sq Yd	Earthwork geotextile type IV-F	0		
207015100	Sq Yd	Earthwork geotextile type V-A	0		
207015200	Sq Yd	Earthwork geotextile type V-B	0		
207015300	Sq Yd	Earthwork geotextile type V-C	0		
207016100	Sq Yd	Earthwork geotextile type VI	0		
207017000	Sq Yd	Earthwork geotextile, type VII	0		
208000000	*****	Section 208 - STRUCTURE EXCAVATION AND BACKFILL FOR SELECTED MAJOR			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
		STRUCTURES			
208011000	Cubic Yard	Structure excavation	1		
208021000	Cubic Yard	Foundation fill	1		
208031000	Cubic Yard	Structural backfill	1		
208041000	LPSM	Shoring and bracing	\$	\$	
208051000	LPSM	Cofferdams	\$	\$	
209000000	*****	Section 209 - STRUCTURE EXCAVATION AND BACKFILL			
210000000	*****	Section 210 - PERMEABLE BACKFILL			
210011000	Cubic Yard	Permeable backfill	0		
210021000	Cubic Yard	Sheathing material	0		
210041000	LPSM	Sheathing			
211000000	*****	Section 211 - ROADWAY OBLITERATION			
211011000	Sq Yd	Roadway obliteration	1		
211021000	LPSM	Roadway obliteration			
211031000	Ln Ft	Trail obliteration	0		
211041000	Ln Ft	Roadway obliteration	0		
211051000	Mile	Roadway obliteration	2	2	
212000000	*****	Section 212 - LINEAR GRADING			
212011000	Mile	Linear grading	2		
213000000	*****	Section 213 - SUBGRADE STABILIZATION			
213018000	Sq Yd	Subgrade stabilization with lime, 12 inch depth	1		
213021000	Ton	Lime	1		
213031000	Ton	Cement	1		
213041000	Ton	Fly ash	1		
213051000	Gallon	Chemical stabilizer	0		
251000000	*****	Section 251 - RIPRAP			
251010100	Cubic Yard	Placed riprap, class 1	0		
251010200	Cubic Yard	Placed riprap, class 2	0		
251010300	Cubic Yard	Placed riprap, class 3	0		
251010400	Cubic Yard	Placed riprap, class 4	0		
251010500	Cubic Yard	Placed riprap, class 5	0		
251010600	Cubic Yard	Placed riprap, class 6	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
251020100	Ton	Placed riprap, class 1	1		
251020200	Ton	Placed riprap, class 2	1		
251020300	Ton	Placed riprap, class 3	1		
251020400	Ton	Placed riprap, class 4	1		
251020500	Ton	Placed riprap, class 5	1		
251020600	Ton	Placed riprap, class 6	1		
251030100	Cubic Yard	Keyed riprap, class 1	0		
251030200	Cubic Yard	Keyed riprap, class 2	0		
251030300	Cubic Yard	Keyed riprap, class 3	0		
251030400	Cubic Yard	Keyed riprap, class 4	0		
251030500	Cubic Yard	Keyed riprap, class 5	0		
251030600	Cubic Yard	Keyed riprap, class 6	0		
251040100	Ton	Keyed riprap, class 1	1		
251040200	Ton	Keyed riprap, class 2	1		
251040300	Ton	Keyed riprap, class 3	1		
251040400	Ton	Keyed riprap, class 4	1		
251040500	Ton	Keyed riprap, class 5	1		
251040600	Ton	Keyed riprap, class 6	1		
251050100	Cubic Yard	Mortared riprap, class 1	0		
251050200	Cubic Yard	Mortared riprap, class 2	0		
251050300	Cubic Yard	Mortared riprap, class 3	0		
251050400	Cubic Yard	Mortared riprap, class 4	0		
251050500	Cubic Yard	Mortared riprap, class 5	0		
251050600	Cubic Yard	Mortared riprap, class 6	0		
251060200	Cubic Yard	Machine-placed riprap, class 2	0		
251060300	Cubic Yard	Machine-placed riprap, class 3	0		
251060400	Cubic Yard	Machine-placed riprap, class 4	0		
251060500	Cubic Yard	Machine-placed riprap, class 5	0		
251060600	Cubic Yard	Machine-placed riprap, class 6	0		
251060700	Cubic Yard	Machine-placed riprap, class 7	0		
251070100	Ln Ft	Placed riprap, ditch lining	0		
251081000	Ton	Stockpiled riprap	1		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
251091000	Each	Energy dissipator	0		
251100500	Each	Culvert outlet control system	0		
251120100	Each	Riprap headwall	0		
251151000	LPSM	Culvert outlet control system	0		
251161000	Ln Ft	Energy dissipator	0		
251181000	Sq Yd	Energy dissipator	0		
251191000	Sq Yd	Riprap blanket	1		
251201000	Cubic Yard	Stockpiled riprap	0		
252000000	*****	Section 252 - SPECIAL ROCK EMBANKMENT			
252011000	Cubic Yard	Special rock embankment, hand-placed	0		
252012000	Cubic Yard	Special rock embankment, mechanically-placed	0		
252021000	Ton	Special rock embankment, hand-placed	1		
252022000	Ton	Special rock embankment, mechanically-placed	1		
252031000	Cubic Yard	Rock buttress, hand-placed	1		
252032000	Cubic Yard	Rock buttress, mechanically-placed	0		
252041000	Ton	Rock buttress, hand-placed	1		
252042000	Ton	Rock buttress, mechanically-placed	1		
253000000	*****	Section 253 - GABIONS AND REVET MATTRESSES			
253011000	Sq Yd	Gabions, galvanized or aluminized coated	1		
253021000	Sq Yd	Gabions, polyvinyl chloride coated	1		
253031000	Cubic Yard	Gabions, galvanized or aluminized coated	0		
253041000	Cubic Yard	Gabions, polyvinyl chloride coated	0		
253051000	Sq Yd	Revet mattress, galvanized or aluminized coated	0		
253061000	Sq Yd	Revet mattress, polyvinyl chloride coated	0		
254000000	*****	Section 254 - CRIB WALLS			
254011000	Sq Ft	Reinforced concrete crib retaining wall	0		
254021000	Sq Ft	Metal crib retaining wall	0		
254031000	Sq Ft	Treated timber crib retaining wall	0		
254041000	Cubic Yard	Crib wall backfill	1		
254051000	LPSM	Timber crib retaining wall			
255000000	*****	Section 255 - MECHANICALLY STABILIZED EARTH WALLS			
255011000	Sq Ft	Mechanically stabilized earth wall	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
255011100	Sq Ft	Mechanically stabilized earth wall, furnished materials	0		
255011200	Sq Ft	Mechanically stabilized earth wall, erection	0		
255012000	Sq Ft	Mechanically stabilized earth wall, wire-faced	0		
255021000	Cubic Yard	Select granular backfill	0		
255031000	Ln Ft	Concrete leveling pad, 3 foot width	0		
255041000	Sq Ft	Soil reinforcement	0		
255041500	Sq Ft	Gabion-faced retaining wall	0		
255042000	Sq Ft	Geogrid wall	0		
255051000	Ton	Select granular backfill	1		
256000000	*****	Section 256 - PERMANENT GROUND ANCHORS			
256011000	Each	Ground anchor	0		
256021000	Each	Performance test	0		
256031000	Each	Proof test	0		
256041000	Each	Deadman anchor	0		
256051000	Ln Ft	Ground anchors	1		
256061000	Ln Ft	Deadman anchor	1		
257000000	*****	Section 257 - ALTERNATE RETAINING WALLS			
257011000	LPSM	Alternate retaining wall,	\$	\$	
257021000	Sq Ft	Alternate retaining wall	0		
258000000	*****	Section 258 - REINFORCED CONCRETE RETAINING WALLS			
258010500	Sq Ft	Reinforced concrete retaining wall	0		
258020500	Ln Ft	Reinforced concrete retaining wall	0		
258030500	Cubic Yard	Reinforced concrete retaining wall	0		
261000000	*****	Section 261 - GEOTEXTILE REINFORCED EARTH WALLS (ADDED SECTION)			
261011000	Sq Ft	Geotextile reinforced earth wall	0		
261012000	Sq Ft	Geogrid reinforced earth fill	0		
262000000	*****	SECTION 262 - ROCKERY RETAINING WALL (ADDED SECTION)			
262011000	Sq Ft	Rockery wall	0		
301000000	*****	Section 301 - UNTREATED AGGREGATE COURSES			
301010100	Ton	Aggregate base grading C	1		M
301010200	Ton	Aggregate base grading D	1		M
301010300	Ton	Aggregate base grading E	1		M

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
301010400	Ton	Aggregate base grading A or D	1		M
301010700	Ton	Aggregate base grading G	1		M
301011000	Ton	Aggregate base (Government supplied)			
301020400	Sq Yd	Aggregate base	1		M
301020500	Sq Yd	Aggregate base grading D, 6 inch depth	1		M
301030200	Cubic Yard	Aggregate base grading D	1		M
301031000	Cubic Yard	Aggregate base (Government furnished)	1		
301040100	Ton	Subbase grading A	1		M
301040200	Ton	Subbase grading B	1		M
301040400	Ton	Subbase grading D	1		M
301040500	Ton	Subbase grading C or D	1		M
301040600	Ton	Subbase conserved asphalt	1		
301050100	Sq Yd	Subbase grading A, 8 inch depth	1		M
301050400	Sq Yd	Subbase grading B, 8 inch depth	1		M
301060100	Cubic Yard	Subbase grading A	1		M
301060200	Cubic Yard	Subbase grading B	1		M
301070010	Ton	Aggregate surface course grading B	1		M
301070500	Ton	Aggregate surface course grading H	1		M
301070900	Ton	Aggregate surface course grading R	1		M
301071000	Ton	Aggregate surface course	1		M
301080100	Sq Yd	Aggregate surface course grading F, 4 inch depth	1		M
301090100	Cubic Yard	Aggregate surface course			M
301141000	Ton	Crushed aggregate from stockpile	1		
301151000	Cubic Yard	Crushed aggregate from stockpile	1		
302000000	*****	Section 302 - TREATED AGGREGATE COURSES			M
302010100	Ton	Cement treated aggregate course grading A	1		M
302021000	Sq Yd	Cement treated aggregate course grading A, 6 inch depth	1		M
302031000	Ton	Cement	1		
302041000	Ton	Fly ash	1		
302051000	Ton	Lime	1		
303000000	*****	Section 303 - ROAD RECONDITIONING			
303011000	Mile	Road reconditioning	1		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
303021000	Sq Yd	Road reconditioning	0		
303031000	Mile	Road reconditioning, scarify 4 inch depth	1		
303041000	Sq Yd	Road reconditioning, scarify 4 inch depth	0		
303051000	Mile	Ditch reconditioning	1		
303061000	Mile	Shoulder reconditioning	1		
303071000	Sq Yd	Shoulder reconditioning	0		
303081000	Ln Ft	Ditch reconditioning	0		
303091000	LPSM	Road reconditioning			
304000000	*****	Section 304 - AGGREGATE STABILIZATION			
304011000	Mile	Aggregate stabilization	1		
304021000	Sq Yd	Aggregate stabilization	0		
304031000	Ton	Lime	1		
304041000	Ton	Cement	1		
304051000	Ton	Fly ash	1		
305000000	*****	Section 305 - AGGREGATE-TOPSOIL COURSE			
305011000	Ton	Aggregate-topsoil course	1		
305020800	Sq Yd	Aggregate-topsoil course, 3 inch depth	0		
305031000	Cubic Yard	Aggregate-topsoil course	0		
305041000	Ln Ft	Aggregate-topsoil course	0		
306000000	*****	Section 306 - DUST PALLIATIVE			
306011000	Mile	Dust palliative application	1		
306021000	Sq Yd	Dust palliative application	0		
306031000	Ton	Emulsified asphalt	1		
306041000	Ton	Lignin sulfonate	1		
306051000	Ton	Calcium chloride	1		
306061000	Ton	Magnesium chloride	1		
307000000	*****	Section 307 - STOCKPILED AGGREGATES			
307010100	Ton	Stockpiled aggregate, Section 301, grading A	1		
307010200	Ton	Stockpiled aggregate, Section 301, grading B	1		
307010300	Ton	Stockpiled aggregate, Section 301, grading C	1		
307010400	Ton	Stockpiled aggregate, Section 301, grading D	1		
307010600	Ton	Stockpiled aggregate, Section 301, grading F	1		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
307013000	Ton	Stockpiled aggregate	1		
307020100	Cubic Yard	Stockpiled aggregate, Section 301, grading A	0		
307020200	Cubic Yard	Stockpiled aggregate, Section 301, grading B	0		
307020300	Cubic Yard	Stockpiled aggregate, Section 301, grading C	0		
307020400	Cubic Yard	Stockpiled aggregate, Section 301, grading D	0		
307020600	Cubic Yard	Stockpiled aggregate, Section 301, grading F	0		
307031000	Acre	Preparation of stockpile site	1		
307041000	Ton	Stockpiled aggregate, blotter material	1		
308000000	*****	Section 308 - MINOR CRUSHED AGGREGATE			
308011000	Cubic Yard	Roadway aggregate method 1			
308012000	Cubic Yard	Roadway aggregate method 2	0		
308021000	Ton	Roadway aggregate method 1	1		
308022000	Ton	Roadway aggregate method 2	1		
308023000	Ton	Roadway Aggregate method 3	1		
308031000	Sq Yd	Roadway aggregate method 1	0		
308032000	Sq Yd	Roadway aggregate method 2	0		
308041000	Cubic Yard	Bedding and backfill aggregate	0		
308051000	Ton	Bedding and backfill aggregate	1		
308061000	Sq Yd	Bedding and backfill aggregate	0		
308071000	Ton	Road maintenance aggregate	1		
308081000	Cubic Yard	Road maintenance aggregate	0		
308091000	Sq Yd	Road maintenance aggregate	0		
309000000	*****	Section 309 - EMULSIFIED ASPHALT TREATED AGGREGATE COURSES			
309011000	Ton	Emulsified asphalt treated aggregate base grading D	1		M
309021000	Sq Yd	Emulsified asphalt treated base grading D, 6 inch depth	0		M
309031000	Cubic Yard	Emulsified asphalt treated aggregate base grading D	0		M
309031100	Cubic Yard	Emulsified asphalt treated aggregate base grading E	0		M
309041000	Ton	Emulsified asphalt grade CSS-1	1		
310000000	*****	Section 310 - RECYCLED AGGREGATE COURSE (ADDED SECTION)			
310011000	Sq Yd	Recycled aggregate base	0		
310021000	Sq Yd	Recycled aggregate subbase	0		
310031000	Sq Yd	Recycled aggregate surface	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
310041000	Cubic Yard	Recycled aggregate surface	0		
310051000	Ton	Cement	1		
310061000	Ton	Emulsified asphalt, grade CSS-1	1		
310071000	Sq Yd	Asphalt pavement rotomilling	0	0	
401000000	*****	Section 401 - HOT ASPHALT CONCRETE PAVEMENT			
401010200	Ton	Hot asphalt concrete pavement class A, grading C, type II pavement smoothness	1		R
401010400	Ton	Hot asphalt concrete pavement class B, grading C, type I pavement smoothness	1		R
401010500	Ton	Hot asphalt concrete pavement class B, grading C, type II pavement smoothness	1		R
401010600	Ton	Hot asphalt concrete pavement class B, grading C, type III pavement smoothness	1		R
401010650	Ton	Hot asphalt concrete pavement class B, grading C, type IV pavement smoothness	1		
401010700	Ton	Hot asphalt concrete pavement class C, grading C, type I pavement smoothness	1		R
401010780	Ton	Hot asphalt concrete pavement class C, grading C, type IV pavement smoothness	1		
401022000	Ton	Hot asphalt concrete pavement class B, grading C, wedge and leveling course	1		
401030200	Ton	Asphalt cement grade AC-5	1		
401030300	Ton	Asphalt cement grade AC-10	1		
401030872	Ton	Asphalt cement grade SHRP PG 58-28	1		
401030873	Ton	Asphalt cement grade SHRP PG 58-34	1		
401030875	Ton	Asphalt cement grade SHRP PG 58-40	1		
401030877	Ton	Asphalt cement grade SHRP PG 64-28	1		
401030879	Ton	Asphalt cement grade SHRP PG 58-22	1		
401041000	Ton	Mineral filler (hydrated lime)	1		
401051000	Ton	Antistrip additive type	1		
402000000	*****	Section 402 - MINOR HOT ASPHALT CONCRETE			
402011000	Ton	Minor hot asphalt concrete	1		
403000000	*****	Section 403 - HOT RECYCLED ASPHALT CONCRETE PAVEMENT			
403011100	Ton	Hot recycled asphalt concrete pavement class A, grading C, type I pavement smoothness	1		M
403021100	Ton	Hot recycled asphalt concrete pavement class A, grading C, wedge and leveling course	1		M
403030200	Ton	Asphalt cement grade AC-5	1		M
403041000	Ton	Mineral filler	1		
403051000	Ton	Recycling agent	1		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
403061000	Ton	Antistrip additive type 3	1		
404000000	*****	Section 404 - OPEN-GRADED ASPHALT FRICTION COURSE			
404011000	Ton	Open-graded asphalt friction course	1		M
404020450	Ton	Asphalt cement grade	1		M
404031000	Ton	Antistrip additive type 3	1		
404041000	Sq Yd	Open-graded asphalt friction course, grading F, 0.75 inch depth	0		M
405000000	*****	Section 405 - HOT ASPHALT TREATED BASE COURSE			
405010100	Ton	Hot asphalt treated base course grading C	1		M
405010200	Ton	Hot asphalt treated base course grading D	1		M
405020200	Ton	Asphalt cement grade AC-5	1		M
405020500	Ton	Asphalt cement grade SHRP PG 64-22	1		M
405031000	Ton	Mineral filler	1		
405031500	Ton	Mineral filler (hydrated lime)	1		
405041000	Ton	Antistrip additive type 3	1		
406000000	*****	Section 406 - DENSE-GRADED EMULSIFIED ASPHALT PAVEMENT			
406010300	Ton	Dense-graded emulsified asphalt pavement grading C	1		M
406021500	Ton	Emulsified asphalt grade CMS-2s	1		M
406031000	Ton	Mineral filler	1		
407000000	*****	Section 407 - OPEN-GRADED EMULSIFIED ASPHALT PAVEMENT			
407010200	Ton	Open-graded emulsified asphalt pavement grading B	1		M
407021400	Ton	Emulsified asphalt grade CMS-2h	1		M
407021500	Ton	Emulsified asphalt grade CSS-1	1		M
407031000	Ton	Choker aggregate	1		
408000000	*****	Section 408 - COLD RECYCLED ASPHALT BASE COURSE			
408010200	Ton	Cold recycled asphalt base course grading B	1		
408020100	Sq Yd	Cold recycled asphalt base course grading B, 4 inch depth	0		
408031600	Ton	Emulsified asphalt grade CSS-1	1		
408041000	Ton	Recycling agent	1		
408051000	Ton	Lime	1		
408061000	Ton	Portland cement, type II	1		
409000000	*****	Section 409 - ASPHALT SURFACE TREATMENT			
409010600	Ton	Surface treatment aggregates designation E-61	1		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
409010700	Ton	Surface treatment aggregates designation E-38	1		
409010800	Ton	Surface treatment aggregates designation D	1		
409020700	Cubic Yard	Surface treatment aggregates designation E-38	0		
409030300	Ton	Asphalt cement grade	1		
409040500	Ton	Emulsified asphalt grade CMS-2	1		
409041000	Ton	Emulsified asphalt grade CRS-2	1		
409041200	Ton	Emulsified asphalt grade CRS-2R	1		
409051000	Ton	Blotter	1		
409061000	Cubic Yard	Blotter	0		
409070500	Sq Yd	Blotter	0		
409070710	Sq Yd	Surface treatment aggregates designation E-38	0		
409071000	Sq Yd	Surface treatment aggregate, grading D	0		
409081000	Ton	Surface treatment aggregates Government furnished	1		
410000000	*****	Section 410 - SLURRY SEAL			
410010100	Sq Yd	Slurry seal type I	0		
410010200	Sq Yd	Slurry seal type II	0		
410021000	Ton	Emulsified asphalt grade CMS-2s	1		
410031000	Ton	Slurry seal aggregate	1		
411000000	*****	Section 411 - ASPHALT PRIME COAT			
411010050	Ton	Prime coat, grade CMS-2	1		
411010060	Ton	Prime coat, grade CMS-2h	1		
411010200	Ton	Prime coat, grade MC-250	1		
411021000	Gallon	Prime coat, grade MC-250	0		
411031000	Ton	Blotter	1		
411041000	Cubic Yard	Blotter	0		
412000000	*****	Section 412 - ASPHALT TACK COAT			
412011800	Ton	Tack coat grade CSS-1	1		
412021000	Gallon	Tack coat grade CSS-1	0		
413000000	*****	Section 413 - ASPHALT PAVEMENT MILLING			
413010900	Sq Yd	Asphalt pavement milling	0		
413011000	Sq Yd	Asphalt pavement milling, 2 inch depth	0		
413011100	Sq Yd	Asphalt pavement milling, 3 inch depth	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
413011200	Sq Yd	Asphalt pavement milling, 4 inch depth	0		
413012000	Sq Yd	Asphalt pavement milling, 8 inch depth	0		
413012250	Sq Yd	Asphalt pavement milling, 9 inch depth	0		
413021000	Mile	Asphalt pavement milling, 2 inch depth	2		
413022000	Mile	Asphalt pavement milling, 6 inch depth	2		
414000000	*****	Section 414 - ASPHALT PAVEMENT CRACK AND JOINT SEALING			
414011000	Gallon	Joint sealant	0		
414021000	Pound	Joint sealant	0		
414031000	Ln Ft	Saw cutting and joint sealing	1		
414041000	Ln Ft	Crack cleaning and sealing	0		
414051000	Pound	Crack cleaning and sealing	0		
415000000	*****	Section 415 - PAVING GEOTEXTILES			
415011000	Sq Yd	Paving geotextile	0		
415021000	Ton	Asphalt sealant	1		
416000000	*****	Section 416 - CONTINUOUS COLD RECYCLED ASPHALT BASE COURSE			
416011000	Mile	Continuous cold recycled asphalt base course type A	2		
416021000	Sq Yd	Continuous cold recycled asphalt base course type A	0		
416022000	Sq Yd	Continuous cold recycled asphalt base course type B	0		
416031000	Ton	Emulsified binder agent grade CMS-2s	0		
416041000	Ton	Sealing emulsion grade CSS-1	1		
416051000	Ton	Quicklime	1		
417000000	*****	Section 417 - MINOR COLD ASPHALT MIX			
417011000	Ton	Minor cold asphalt mix	1		
418000000	*****	Section 418 - SUPERPAVE HOT ASPHALT CONCRETE PAVEMENT (ADDED SECTION)			
418010100	Ton	Superpave hot asphalt concrete pavement	1		R
418030100	Ton	Asphalt cement grade	1		
418040100	Ton	Antistrip additive type	1		
501000000	*****	Section 501 - PORTLAND CEMENT CONCRETE PAVEMENT			
501010100	Sq Yd	Reinforced portland cement concrete pavement, 4 inch depth	1		R
501010150	Sq Yd	Reinforced portland cement concrete pavement, 6 inch depth	1		R
501010200	Sq Yd	Reinforced portland cement concrete pavement, 8 inch depth	1		R

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
501020100	Sq Yd	Plain portland cement concrete pavement, 4 inch depth	1		R
502000000	*****	Section 502 - PORTLAND CEMENT CONCRETE PAVEMENT RESTORATION			
502011000	Sq Yd	Concrete pavement patch	1		
502021000	Ln Ft	Sealing joints and cracks	0		
502031000	Cubic Yard	Grout	1		
502041000	Each	Undersealing holes	0		
502051000	Sq Yd	Surface diamond grinding	1		
502061000	Sq Yd	Breaking and seating concrete pavement	1		
502071000	Sq Yd	Cracking and seating concrete pavement	1		
502081000	Sq Yd	Rubblizing and compacting concrete pavement	1		
551000000	*****	Section 551 - DRIVEN PILES			
551010100	Ln Ft	Untreated timber piles, in place	0		
551011010	Ln Ft	Treated timber piles, in place	0		
551012050	Ln Ft	Steel H-piles, in place	0		
551014500	Ln Ft	Steel pipe piles, in place	0		
551020100	Each	Untreated timber piles, in place	0		
551021010	Each	Treated timber piles, in place	0		
551022050	Each	Steel H-piles, in place	0		
551023010	Each	Precast concrete piles, in place	0		
551024010	Each	Precast prestressed concrete piles, in place	0		
551031000	Each	Steel H-pile load test	0		
551041000	LPSM	Steel H-pile load test			
551051000	Ln Ft	Preboring	0		
551061000	Each	Splices	0		
551071000	Ln Ft	Test piles	0		
551081000	Each	Test piles	0		
551092000	Ln Ft	Steel pipe piles, Government furnished	0		
551101000	Ln Ft	Steel H-piles, driven	0		
551102000	Ln Ft	Steel pipe piles, driven			
551111000	Ln Ft	Concrete piles cast in drilled holes	0		
552000000	*****	Section 552 - STRUCTURAL CONCRETE			
552010100	Cubic Yard	Structural concrete class A (AE)	1		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
552010130	Cubic Yard	Structural concrete class A (AE), (F'c = 3,000 psi)	1		
552010135	Cubic Yard	Structural concrete class A (AE), (F'c = 3,500 psi)	1		
552010140	Cubic Yard	Structural concrete class A (AE), (F'c = 4,000 psi)	1		
552021000	Cubic Yard	Structural concrete class A(AE) for surface treatment	1		
552031000	Cubic Yard	Structural concrete for	1		
552041000	Cubic Yard	Seal concrete for	1		
552061500	Sq Yd	Concrete color finish	1		
552071000	Each	Precast concrete bent caps	0		
552101000	Pound	Concrete coloring agent	1		
553000000	*****	Section 553 - PRESTRESSED CONCRETE			
553011100	Each	Precast, prestressed concrete structural members, AASHTO Girder	0		
553012000	Each	Precast, prestressed concrete structural members, Bulb Tee Girder	0		
553013000	Each	Precast, prestressed concrete structural members, Deck Bulb Tee Girder	0		
553014000	Each	Precast, prestressed concrete structural members,	0		
553021100	Ln Ft	Precast, prestressed concrete structural members, AASHTO Girder	1		
553031000	LPSM	Prestressing system	\$	\$	
553041000	Each	Prestressed concrete slab			
554000000	*****	Section 554 - REINFORCING STEEL			
554011000	Pound	Reinforcing steel	0		
554021000	Pound	Epoxy coated reinforcing steel	0		
555000000	*****	Section 555 - STEEL STRUCTURES			
555010100	Pound	Structural steel, furnished, fabricated, and erected	0		
555021000	LPSM	Structural steel, furnished, fabricated, and erected			
555041000	Ln Ft	Structural steel soldier piles	1		
556000000	*****	Section 556 - BRIDGE RAILING			
556010100	Ln Ft	Concrete bridge railing	0		
556010200	Ln Ft	Steel bridge railing	0		
556010300	Ln Ft	Aluminum bridge railing	0		
556010400	Ln Ft	Timber bridge railing	0		
556010415	Ln Ft	Steel backed timber bridge railing	0		
556010425	Ln Ft	Thrie beam bridge rail	0		
556010500	Ln Ft	Log bridge railing	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
556020100	LPSM	Concrete bridge railing	\$	\$	
556020200	LPSM	Steel bridge railing	\$	\$	
556020300	LPSM	Aluminum bridge railing	\$	\$	
556020400	LPSM	Timber bridge railing	\$	\$	
556031000	Ln Ft	Remove and reset bridge railing	0		
557000000	*****	Section 557 - TIMBER STRUCTURES			
557011000	MFBM	Untreated structural timber and lumber	2		
557021000	MFBM	Treated structural timber and lumber	2		
557031000	Each	Timber structure	0		
557041000	Sq Yd	Treated structural timber and lumber	1		
557051000	Sq Yd	Timber facing	1		
558000000	*****	Section 558 - DAMPPROOFING			
558010100	Sq Yd	Dampproofing	1		
558020100	LPSM	Dampproofing	\$	\$	
559000000	*****	Section 559 - WATERPROOFING			
559011000	Sq Yd	Membrane waterproofing	1		
559021000	LPSM	Membrane waterproofing	\$	\$	
559031000	Sq Yd	Membrane waterproofing with type asphalt plank protection	1		
559041000	LPSM	Membrane waterprooging with type asphalt plank protection	\$	\$	
560000000	*****	Section 560 - WATER STOPS			
560011100	Ln Ft	Waterstop			
560020200	LPSM	Waterstop	\$	\$	
561000000	*****	Section 561 - STRUCTURAL CONCRETE BONDING			
561011000	Ln Ft	Structural concrete bonding	1		
561021000	Gallon	Structural concrete bonding	0		
561031000	LPSM	Structural concrete bonding	\$	\$	
561041000	Ln Ft	Crack preparation	0		
561051000	LPSM	Crack preparation	\$	\$	
562000000	*****	Section 562 - TEMPORARY WORKS			
562011000	LPSM	Temporary supports	0	0	
563000000	*****	Section 563 - PAINTING			
563010100	LPSM	Painting, steel structure			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
564000000	*****	Section 564 - BEARING DEVICES			
564012000	Each	Fixed bridge bearing device	0		
564012100	Each	Expansion bridge bearing device	0		
565000000	*****	Section 565 - DRILLED SHAFTS			
565011000	Ln Ft	Drilled shafts	1		
565021000	Each	Trial drilled shaft	0		
565031000	Each	Bell	0		
566000000	*****	Section 566 - SHOTCRETE			
566021000	Sq Ft	Shotcrete			
566031000	Sq Yd	Shotcrete, wire reinforced	1		
569000000	*****	Section 569 - MICROPILES			
569011000	Each	Micropiles	0		
569011200	Each	Micropile verification test	0		
569021000	Ln Ft	Micropile	1		
570000000	*****	Section 570 - CONTRACTOR DESIGNED STRUCTURES			
570011000	LPSM	Bridge			
570012000	LPSM	Precast reinforced concrete open bottom culvert design	0		
570021000	LPSM	Pedestrian underpass			
570022000	LPSM	Precast reinforced concrete open bottom culvert			
601000000	*****	Section 601 - MINOR CONCRETE STRUCTURES			
601011000	Cubic Yard	Concrete	1		
601021000	Sq Yd	Concrete	1		
601031000	LPSM	Concrete	\$		
601040010	Each	Concrete	0		
601040300	Each	Concrete, headwall for 12 inch pipe culvert	0		
601040400	Each	Concrete, headwall for 24 inch pipe culvert	0		
601040500	Each	Concrete, headwall for 30 inch pipe culvert	0		
601040600	Each	Concrete, headwall for 36 inch pipe culvert	0		
601040800	Each	Concrete, headwall for 48 inch pipe culvert	0		
601041100	Each	Concrete, headwall for 60 inch pipe culvert			
601041210	Each	Concrete, headwall for 84 inch pipe culvert	0		
601041250	Each	Concrete, headwall for 102 inch pipe culvert	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
601041300	Each	Concrete, headwall for 120 inch pipe culvert	0	0	
601041400	Each	Concrete, headwall for 144 inch pipe culvert	0	0	
601041850	Each	Concrete, headwall for double 84 inch pipe culvert			
601042800	Each	Concrete, headwall for triple 84 inch pipe culvert			
601045211	Each	Concrete, headwall for 42 inch span, 29 inch rise pipe culvert	0		
601045227	Each	Concrete, headwall for 64 inch span, 43 inch rise pipe arch culvert	0		
601045239	Each	Concrete, headwall for 73 inch span, 55 inch rise pipe arch culvert	0		
601045242	Each	Concrete, headwall for 87 inch span, 63 inch rise pipe arch culvert	0		
601045259	Each	Concrete, headwall for 95 inches span, 67 inches rise pipe arch culvert	0		
601045265	Each	Concrete, headwall for 112 inches span, 75 inches rise pipe arch culvert	0		
601045280	Each	Concrete, headwall for 137 inches span, 87 inches rise pipe arch culvert	0		
601045283	Each	Concrete, headwall for 142 inches span, 91 inches rise pipe arch culvert	0		
601045350	Each	Concrete, headwall for 182 inch structural plate pipe culvert	0		
601045400	Each	Concrete, headwall for 8'-10" span, 6'-1" rise, structural plate pipe arch culvert	0		
601045421	Each	Concrete, headwall for 11'-5" span, 7'-3" rise, structural plate pipe arch culvert	0		
601045445	Each	Concrete, headwall for 13'-11" span, 8'-7" rise, structural plate pipe arch culvert	0		
601045466	Each	Concrete, headwall for 14'-11" span, 10'-2" rise, structural plate pipe arch culvert	0		
601045470	Each	Concrete, headwall for 15'-4" span, 10'-4" rise, structural plate pipe arch culvert	0		
601045500	Each	Concrete, headwall for 15'-10" span, 10'-8" rise structural plate pipe arch culvert	0		
601045600	Each	Concrete, headwall for underpass	0		
601045610	Each	Concrete, irrigation inlet and outlet transition for 24 inch pipe culvert	0		
601047000	Each	Concrete pad	0		
601047100	Each	Concrete collar for culvert extension	0		
601048000	Each	Concrete footing	0		
601050100	Ln Ft	Concrete footing	1		
601051000	Ln Ft	Concrete culvert invert	1		
601081000	Cubic Yard	Concrete thrust block	0		
602000000	* * * * *	Section 602 - CULVERTS AND DRAINS			
602010450	Ln Ft	6 inch pipe culvert	0		
602010500	Ln Ft	8 inch pipe culvert	0		
602010600	Ln Ft	12 inch pipe culvert	0		
602010800	Ln Ft	18 inch pipe culvert	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
602011000	Ln Ft	24 inch pipe culvert	0		
602011100	Ln Ft	30 inch pipe culvert	0		
602011200	Ln Ft	36 inch pipe culvert	0		
602011300	Ln Ft	42 inch pipe culvert	0		
602011400	Ln Ft	48 inch pipe culvert	0		
602011500	Ln Ft	54 inch pipe culvert	0		
602011600	Ln Ft	60 inch pipe culvert	0		
602011800	Ln Ft	72 inch pipe culvert	0		
602011950	Ln Ft	78 inch pipe culvert	0		
602012000	Ln Ft	84 inch pipe culvert	0		
602012100	Ln Ft	90 inch pipe culvert	0		
602012200	Ln Ft	96 inch pipe culvert	0		
602012250	Ln Ft	102 inch pipe culvert	0		
602012400	Ln Ft	108 inch pipe culvert	0		
602012600	Ln Ft	120 inch pipe culvert			
602012650	Ln Ft	126 inch pipe culvert	0		
602012700	Ln Ft	144 inch pipe culvert	0		
602020100	Ln Ft	17 inch span, 13 inch rise pipe arch culvert	0		
602020200	Ln Ft	21 inch span, 15 inch rise pipe arch culvert	0		
602020250	Ln Ft	24 inch span, 18 inch rise pipe arch culvert	0		
602020400	Ln Ft	28 inch span, 20 inch rise pipe arch culvert	0		
602020500	Ln Ft	35 inch span, 24 inch rise pipe arch culvert	0		
602020600	Ln Ft	42 inch span, 29 inch rise pipe arch culvert	0		
602020700	Ln Ft	49 inch span, 33 inch rise pipe arch culvert	0		
602020800	Ln Ft	57 inch span, 38 inch rise pipe arch culvert	0		
602021000	Ln Ft	64 inch span, 43 inch rise pipe arch culvert	0		
602021100	Ln Ft	66 inch span, 51 inch rise pipe arch culvert	0		
602021200	Ln Ft	71 inch span, 47 inch rise pipe arch culvert	0		
602021300	Ln Ft	73 inch span, 55 inch rise pipe arch culvert	0		
602021700	Ln Ft	87 inch span, 63 inch rise pipe arch culvert	0		
602021715	Ln Ft	95 inch span, 67 inch rise pipe arch culvert	0		
602021719	Ln Ft	103 inch span, 71 inch rise pipe arch culvert	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
602021720	Ln Ft	112 inch span, 75 inch rise pipe arch culvert	0		
602021721	Ln Ft	117 inch span, 79 inch rise pipe arch culvert	0		
602022200	Ln Ft	128 inch span, 83 inch rise pipe arch culvert	0		
602022300	Ln Ft	137 inch span, 87 inch rise pipe arch culvert	0		
602022400	Ln Ft	142 inch span, 91 inch rise pipe arch culvert	0		
602040400	Ln Ft	12 inch slotted drain pipe	0		
602050800	Ln Ft	3 foot span, 3 foot rise precast reinforced box culvert	0		
602050900	Ln Ft	3 foot span, 4 foot rise precast reinforced box culvert	0		
602050950	Ln Ft	4 foot span, 2 foot rise precast reinforced box culvert	0		
602050980	Ln Ft	4 foot span, 3 foot rise precast reinforced box culvert	0		
602051000	Ln Ft	4 foot span, 4 foot rise precast reinforced box culvert	0		
602052300	Ln Ft	8 foot span, 6 foot rise precast reinforced box culvert	0		
602052400	Ln Ft	8 foot span, 8 foot rise precast reinforced box culvert	0		
602055150	Ln Ft	10 foot span, 5 foot rise precast reinforced box culvert	0		
602055160	Ln Ft	10 foot span, 6 foot rise precast reinforced box culvert	0		
602055300	Ln Ft	10 foot span, 7 foot rise precast reinforced box culvert	0		
602056000	Ln Ft	Downrain	0		
602060400	Each	End section for 12 inch pipe culvert	0		
602060500	Each	End section for 18 inch pipe culvert	0		
602060700	Each	End section for 24 inch pipe culvert	0		
602060800	Each	End section for 30 inch pipe culvert	0		
602060900	Each	End section for 36 inch pipe culvert	0		
602060950	Each	End section for 42 inch pipe culvert	0		
602060960	Each	End section for 48 inch pipe culvert	0		
602060965	Each	End Section for 60 inch pipe culvert	0		
602060970	Each	End section for 72 inch pipe culvert	0		
602070100	Each	End section for 17 inch span, 13 inch rise pipe arch culvert	0		
602070200	Each	End section for 21 inch span, 15 inch rise pipe arch culvert	0		
602070250	Each	End section for 24 inch span, 18 inch rise pipe arch culvert	0		
602070400	Each	End section for 28 inch span, 20 inch rise pipe arch culvert	0		
602070700	Each	End section for 49 inch span, 33 inch rise pipe arch culvert	0		
602090450	Each	Elbow, 18 inch	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
602090700	Each	Elbow, 24 inch	0		
602090750	Each	Elbow, 30 inch	0		
602090900	Each	Elbow, 36 inch	0		
602091200	Each	Elbow, 48 inch	0		
602100400	Each	Branch connection, 24 inch	0		
602100900	Each	Branch connection, 36 inch	0		
602110500	Each	Slotted pipe riser, 36 inch	0		
602111000	Each	Pipe riser assembly, 72 inch	0		
602120500	Each	Remove and reinstall culvert	0		
602121000	Each	Remove and reinstall culvert end section	0		
602131000	Each	Bevel culvert end	0		
602141000	Each	End cap, 24 inch	0		
602151000	LPSM	Remove and reinstall culvert			
602203050	Ln Ft	6 foot span, 5 foot rise reinforced box culvert	0		
602203055	Ln Ft	6 foot span, 10 foot rise reinforced box culvert	0		
602203070	Ln Ft	8 foot span, 4 foot rise reinforced box culvert	0		
602203200	Ln Ft	14 foot span, 14 foot rise reinforced box culvert	0		
602211200	Each	4 foot span, 2 foot rise grated top box culvert	0		
602211800	Each	6 foot span, 3 foot rise grated top box culvert	0		
602213000	Each	10 foot span, 10 foot rise grated top box culvert	0		
602241000	Each	End section for 6 foot span, 10 foot rise box culvert	0		
602251000	Cubic Yard	End section for precast reinforced concrete box culvert	0		
602301000	Each	End section for precast reinforced concrete box culvert	0		
602320100	Ln Ft	Slotted pipe riser, 36 inch	0		
603000000	* * * * *	Section 603 - STRUCTURAL PLATE STRUCTURES			
603017000	Ln Ft	168 inch structural plate pipe	0		
603017100	Ln Ft	180 inch structural plate pipe	0		
603017260	Ln Ft	228 inch structural plate pipe	0		
603017280	Ln Ft	234 inch structural plate pipe	0		
603017300	Ln Ft	240 inch structural plate pipe	0		
603020500	Ln Ft	8'-10" span, 6'-1" rise structural plate pipe arch	0		
603020640	Ln Ft	11'-5" span, 7'-3" rise structural plate pipe arch	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
603020685	Ln Ft	11'-10" span, 7'-7" rise structural plate pipe arch	0		
603020800	Ln Ft	13"-11" span, 8'-7" rise structural plate pipe arch	0		
604000000	* * * * *	Section 604 - MANHOLES, INLETS, AND CATCH BASINS			
604010100	Each	Manhole	0		
604021010	Ln Ft	Manhole	0		
604030050	Each	Inlet, type 1	0		
604030150	Each	Inlet, type 2	0		
604030400	Each	Inlet, type 3a	0		
604030450	Each	Inlet, type 3b	0		
604030900	Each	Inlet, type 5a	0		
604031250	Each	Inlet, type 7	0		
604031600	Each	Inlet, type 8	0		
604034000	Each	Inlet, type III (Montana standard)	0		
604037500	Each	Inlet	0		
604041000	Each	Catch basin	0		
604047600	Each	Catch basin, 18 inch pipe culvert	0		
604047700	Each	Catch basin, 24 inch pipe culvert	0		
604047800	Each	Catch basin, 36 pipe culvert	0		
604047900	Each	Catch basin, type 1 (WSDOT standard)	0		
604047950	Each	Catch basin, type 2 (WSDOT standard)	0		
604051000	Each	Manhole adjustment	0		
604061000	Each	Inlet adjustment	0		
604071000	Each	Capping inlets and manholes	0		
604081000	Each	Junction box	0		
604090100	Each	Metal frame and grate, type 2	0		
604091500	Each	Metal frame and grate	0		
604101000	Each	Spring box	0		
604111000	Each	Removing and resetting metal frame and grate	0		
604121000	Each	Valve box adjustment	0		
604130050	Each	Drop inlet, type 1	0		
604130060	Each	Drop inlet, type 2	0		
604130100	Each	Drop inlet, type 1 (WSDOT standard)	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
604130500	Each	Area Inlet (WSDOT standard)	0		
604131000	Each	Grate inlet, type 2 (WSDOT standard)	0		
604131100	Each	Grate inlet adjustment, 6 inch	0		
604131200	Each	Grate inlet adjustment, 12 inch	0		
604141000	Each	Catch basin adjustment	0		
604151000	Each	Sewer cap adjustment	0		
604152000	Each	Steel cover	0		
604161000	LPSM	Manhole connection			
604171000	Each	Trench drain	0		
604181000	Ln Ft	Trench drain	0		
604191000	Each	Removing and resetting drop inlet			
604201000	Each	Bridge scupper	0		
604211000	Each	Utility access cover	0		
605000000	*****	Section 605 - UNDERDRAINS			
605011000	Ln Ft	Underdrain system	0		
605021000	Ln Ft	Standard underdrain system	0		
605031000	Ln Ft	Geocomposite underdrain system	0		
605041000	Ln Ft	Geocomposite pavement edge drain system	0		
605051000	Sq Ft	Geocomposite sheet drain system	1		
605061000	Ln Ft	6 inch collector pipe	0		
605061100	Ln Ft	8 inch collector pipe	0		
605070100	Ln Ft	4 inch outlet pipe	0		
605070150	Ln Ft	6 inch outlet pipe	0		
605070200	Ln Ft	8 inch outlet pipe	0		
605070250	Ln Ft	10 inch outlet pipe	0		
605070300	Ln Ft	12 inch outlet pipe	0		
605081000	Cubic Yard	Granular backfill	1		
605091000	Cubic Yard	Sand	1		
605111000	Ln Ft	Gravel underdrain system	0		
605121000	Sq Yd	Subdrainage blanket	1		
606000000	*****	Section 606 - CORRUGATED METAL SPILLWAYS			
606011000	Each	Spillway assembly	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
606020200	Each	Pipe anchor assembly, 8 inch	0		
606020450	Each	Pipe anchor assembly, 18 inch	0		
606020700	Each	Pipe anchor assembly, 24 inch	0		
606020800	Each	Pipe anchor assembly, 30 inch	0		
606020900	Each	Pipe anchor assembly, 36 inch	0		
606021350	Each	Pipe anchor assembly, 54 inch	0		
606025300	Each	Pipe anchor assembly for 73 inch span, 55 inch rise pipe arch culvert	0		
606025800	Each	Pipe anchor assembly for 95 inch span, 67 inch rise pipe arch culvert	0		
606031000	Each	Spillway starter section	0		
606041000	Each	Spillway anchor assembly	0		
606051000	Each	Slip-joint	0		
606061000	Ln Ft	Spillway	0		
607000000	*****	Section 607 - CLEANING, RECONDITIONING, AND REPAIRING EXISTING DRAINAGE STRUCTURES			
607011000	Ln Ft	Removing, cleaning, and stockpiling culvert	0		
607021000	Ln Ft	Removing, cleaning, and relaying culvert	0		
607031000	Ln Ft	Cleaning culverts in place	0		
607041000	Each	Reconditioning drainage structures	0		
607051000	Each	Cleaning culverts in place	0		
607061000	LPSM	Cleaning culverts in place			
607081000	Ln Ft	Pipe liner	0	0	
608000000	*****	Section 608 - PAVED WATERWAYS			
608010100	Sq Yd	Paved waterway type rubble	1		
608011000	Sq Yd	Paved waterway type grouted rubble	1		
608012000	Sq Yd	Paved waterway type mortared rubble	1		
608015000	Sq Yd	Paved waterway type concrete (exposed aggregate)	1		
608016000	Sq Yd	Paved waterway type asphalt	1		
608020100	Ln Ft	Paved waterway type rubble	0		
6080211000	Ln Ft	Paved waterway type mortared rubble	0		
608022000	Ln Ft	Paved waterway type asphalt	0		
608022020	Ln Ft	Paved waterway type	0		
608031000	Ton	Asphalt paved waterway	1		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
608051000	Sq Yd	Mortared cobble ditch	0		
609000000	*****	Section 609 - CURB AND GUTTER			
609011000	Ln Ft	Portland cement concrete curb,	1		
609021000	Ln Ft	Portland cement concrete curb and gutter,	1		
609031000	Ln Ft	Stone curb type	1		
609041000	Ln Ft	Precast concrete curb	1		
609050100	Ln Ft	Asphalt concrete curb,	1		
609061000	Ln Ft	Reset curb	1		
609071000	Cubic Yard	Bed course material	1		
609081000	Ton	Bed course material	1		
609090100	Each	Wheelstop	0		
609101000	Each	Remove and reset wheelstop	0		
609111000	Ln Ft	Log curb	1		
609140100	Ln Ft	Treated timber curb	1		
609181000	Ln Ft	Portland cement concrete gutter	1		
609201000	Ln Ft	Remove and reset log curb	0	0	
610000000	*****	Section 610 - HORIZONTAL DRAINS			
610011000	Ln Ft	Horizontal drain pipe	0		
610021000	Ln Ft	Collector system	0		
610031000	LPSM	Collector system	\$	\$	
610041000	Ln Ft	Drain pipe sleeve	0		
610051000	Cubic Yard	Collector trench	1		
611000000	*****	Section 611 - WATER SYSTEMS			
611011000	LPSM	Water system	\$	\$	
611020050	Ln Ft	2 inch waterline	0		
611020100	Ln Ft	4 inch waterline	0		
611024200	Ln Ft	6 inch waterline	0		
611024400	Ln Ft	10 inch waterline	0		
611040100	Each	Valve,	0		
611051000	Each	Valve box	0		
611061000	Each	Fire hydrant	0		
611071000	Each	Drinking fountain			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
611081000	Each	Water valve adjustment			
611091000	Each	Remove and reinstall fire hydrant			
611101000	Each	Remove and reinstall water spigot			
611111000	Each	Water spigot			
61112000	Each	Yard hydrant	0		
611141000	Each	Pump intake standpipe			
611151000	LPSM	Disinfection of waterlines			
611152000	LPSM	Testing of waterlines			
611171000	LPSM	Connection to existing system			
611181000	Each	Service connection	0		
611191000	Each	Pump out drain	0		
611211000	Sq Yd	Pipe insulation, board	0		
611221000	Ln Ft	Pipe insulation, surround	0		
611231000	Each	Pipe insulation, joint	0		
611241000	LPSM	Bridge pipeline appurtenances			
611301000	Each	Pipe hanger	0		
611501000	Ln Ft	Water well	1		
611511000	Each	Pump system	0		
611521000	Each	Treatment system	0		
611531000	Each	Well house	0		
612000000	*****	Section 612 - SANITARY SEWER SYSTEMS			
612011000	LPSM	Sewer system	\$		
612020400	Ln Ft	6 inch sewer line	1		
612031000	Each	Sewer cap adjustment	0		
612031100	Each	Valve, check			
612031200	Each	Valve, air release			
612040100	Ln Ft	Combined sewer line and utilities			
612050100	Ln Ft	Trench for sewer line			
612101000	LPSM	Testing of sewer lines			
613000000	*****	Section 613 - SIMULATED STONE MASONRY SURFACE			
613011000	Ln Ft	Simulated stone masonry surface treatment	1		
613021000	Each	Simulated stone masonry test wall			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
614000000	*****	Section 614 - LEAN CONCRETE BACKFILL			
614011000	Cubic Yard	Lean concrete backfill	1		
614031000	Sq Ft	Shotcrete	0	0	
615000000	*****	Section 615 - SIDEWALKS, DRIVE PADS, AND PAVED MEDIANS			
615010100	Sq Yd	Asphalt concrete sidewalk	1		
615010200	Sq Yd	Portland cement concrete sidewalk	1		
615010250	Sq Yd	Portland cement concrete sidewalk (exposed aggregate)	1		
615010300	Sq Yd	Stone sidewalk	1		
615010450	Sq Yd	Aggregate sidewalk	1		
615010500	Sq Yd	Flagstone sidewalk	1		
615010600	Sq Yd	Fiber mulch sidewalk	1		
615020100	Sq Yd	Asphalt concrete drive pad	1		
615020200	Sq Yd	Portland cement concrete drive pad	1		
615030500	Sq Yd	Mortared cobble median	1		
615040100	Each	Portland cement concrete sidewalk chase	0		
615050100	Sq Yd	Portland cement concrete sidewalk chase	1		
615051000	Ton	Asphalt concrete sidewalk	1		
615060100	Ln Ft	Portland cement concrete sidewalk chase	1		
615071000	Sq Yd	Portland cement concrete island (exposed aggregate)	1		
615081000	Each	Detectable warning panels	0	0	
616000000	*****	Section 616 - SLOPE PAVING			
616010100	Sq Yd	Concrete slope paving	1		
616021000	Sq Yd	Brick slope paving	1		
616030100	Sq Yd	Masonry block slope paving	1		
616040100	Sq Yd	Rubble slope paving	1		
616051000	Sq Yd	Cellular concrete block slope paving	1		
616071000	Sq Yd	Mortar blanket slope paving	1		
617000000	*****	Section 617 - GUARDRAIL			
617010100	Ln Ft	Guardrail system G1, type I, class A	0		
617012899	Ln Ft	Guardrail system G4, type I, class A			
617012900	Ln Ft	Guardrail system G4, type I, class A (steel posts)	0		
617012950	Ln Ft	Guardrail system G4, type I, class A (wood posts)	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
617013050	Ln Ft	Guardrail, system G4, type I, class B (steel posts)	0		
617013199	Ln Ft	Guardrail system G4, type II, class A	0		
617013200	Ln Ft	Guardrail system G4, type II, class A (steel posts)	0		
617013225	Ln Ft	Guardrail, system G4S, type 2, class A (steel posts)	0		
617013250	Ln Ft	Guardrail system G4, type II, class A (wood posts)	0		
617013799	Ln Ft	Guardrail system G4, type IV, class A	0		
617013800	Ln Ft	Guardrail system G4, type IV, class A (steel posts)	0		
617013850	Ln Ft	Guardrail system G4, type IV, class A (wood posts)	0		
617014060	Ln Ft	Guardrail system G5, type I, class A	0		
617014061	Ln Ft	Guardrail system G5, type I, class A (steel posts)	0		
617014062	Ln Ft	Guardrail system G5, type I, class A (wood posts)	0		
617016000	Ln Ft	Guardrail system, removable	0		
617016250	Ln Ft	Guardrail system, G4-BAT	0		
617016300	Ln Ft	Guardrail, system SBLR	0		
617016500	Ln Ft	Guardrail, system SBTA	0		
617016550	Ln Ft	Guardrail, system SBTB	0		
617016560	Ln Ft	Guardrail, system RTR	0		
617016650	Ln Ft	Guardrail system CRT, type I, class A	0		
617016680	Ln Ft	Guardrail system CRT, type IV, class A	0		
617017000	Ln Ft	Guardrail rock protection system	0		
617020015	Each	Terminal section type MELT	0		
617020025	Each	Terminal section type BCT	0		
617020035	Each	Terminal section type G4-BAT	0		
617020045	Each	Terminal section type CRT	0		
617020050	Each	Terminal section type LST	0		
617020055	Each	Terminal section type SRT			
617020065	Each	Terminal section type ET-2000	0		
617020070	Each	Terminal section type flared	0		
617020075	Each	Terminal section type tangent	0		
617020100	Each	Terminal section type 1	0		
617020200	Each	Terminal section type 2	0		
617020300	Each	Terminal section type 3	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
617020400	Each	Terminal section type 4	0		
617020500	Each	Terminal section type 5	0		
617020600	Each	Terminal connector	0		
617031000	Ln Ft	Removing and replacing guardrail elements	0		
617032000	Ln Ft	Removing and resetting guardrail	0		
617041000	Ln Ft	Raising guardrail	0		
617050100	Each	Replacement posts (steel post)	0		
617050200	Each	Replacement posts (wood post)	0		
617060100	Each	Connection to structure	0		
617070100	Ln Ft	Reinforced concrete transition	0		
617080100	Each	Replacement buffer end section	0		
617091000	Ln Ft	Removing and resetting guardrail beam elements	0		
617111000	Each	Bridge transition railing	0		
617131000	Ln Ft	Bridge transition railing	0		
618000000	* * * * *	Section 618 - CONCRETE BARRIERS AND PRECAST GUARDWALLS			
618011000	Ln Ft	Concrete barrier	0		
618021000	Ln Ft	Precast concrete guardwall	0		
618030480	Each	Terminal section	0		
618030500	Each	Terminal section, type A	0		
618031000	Each	Terminal section, type B	0		
618031500	Each	Terminal section, type C	0		
618041000	Ln Ft	Reset barrier	0		
618051000	Ln Ft	Simulated stone masonry guardwall	1		
618061000	Ln Ft	Remove and reinstall concrete barrier	0		
618071000	Each	Simulated stone masonry pillar	0		
618081000	Ln Ft	Prefabricated stone masonry guardwall	1		
619000000	* * * * *	Section 619 - FENCES, GATES, AND CATTLEGUARDS			
619010010	Ln Ft	Fence	0		
619010045	Ln Ft	Fence, wire, type 1	0		
619010050	Ln Ft	Fence, wire, type 2	0		
619010060	Ln Ft	Fence, wire, type 4	0		
619010070	Ln Ft	Fence, wire, type 6	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
619010075	Ln Ft	Fence, wire, type F-4	0		
619010090	Ln Ft	Fence, wire, type F-5	0		
619011200	Ln Ft	Fence, woven wire	0		
619012300	Ln Ft	Fence, barbed wire	0		
619013700	Ln Ft	Fence, chain link	0		
619014050	Ln Ft	Fence, buck and rail	0		
619014180	Ln Ft	Fence, wood	0		
619016000	Ln Ft	Fence, log	0		
619016100	Ln Ft	Fence, timber	0		
619020050	Each	Gate			
619020100	Each	Gate type 1	0		
619020500	Each	Gate type 2	0		
619022100	Each	Gate, tubular steel	0		
619025000	Each	Gate, Government furnished	0		
619031000	Each	Cattle guard	0		
619041000	Each	Brace panel	0		
619050500	Each	Bollard post	0		
619061000	Ln Ft	Remove and reset fence	0		
619071000	Each	Remove and reset cattle guard	0		
619101000	Each	Remove and reset gate			
619111000	Each	Removable barrier post assembly	0		
619131000	Each	Temporary gate			
620000000	* * * * *	Section 620 - STONE MASONRY			
620011200	Cubic Yard	Class B masonry, medium pointed finish	0		
620012000	Cubic Yard	Rubble masonry, rock face finish	0		
620021000	Ln Ft	Stone masonry guardwall	1		
620031000	Cubic Yard	Remove and reset stone masonry	0		
620041000	Ln Ft	Repoint stone masonry	1		
620051000	Each	Remove and reset stone masonry headwall	0		
620052000	Each	Remove and reset stone masonry	0		
620060500	Each	Stone masonry headwall	0		
620060750	Each	Stone masonry headwall, 12 inch culvert	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
620061000	Each	Stone masonry headwall, 18 inch culvert	0		
620061100	Each	Stone masonry headwall, 24 inch culvert	0		
620061300	Each	Stone masonry headwall, 36 inch culvert	0		
620062000	Each	Stone veneer headwall	0		
620070050	Ln Ft	Stone masonry	1		
620070100	Ln Ft	Stone masonry wall	1		
620080500	Each	Stone masonry enclosure			
620081000	Each	Stone masonry planter			
620090100	Ln Ft	Stone masonry bench	0		
620100100	Each	Stone masonry pillar	0		
620110100	Each	Stone masonry sign base	0		
620110200	Each	Stone masonry bike rack			
620120100	Sq Yd	Remove and reset stone masonry headwall	0		
620131000	Ln Ft	Remove and reset stone masonry	1		
620132000	Ln Ft	Remove and reset stone masonry edging	0		
620133000	Ln Ft	Remove and reset dry laid wall	1		
620141000	Ln Ft	Stone masonry edging	0		
620151000	LPSM	Class A masonry wall			
620161000	Sq Yd	Stone masonry apron			
620170600	Sq Yd	Class A masonry, fine pointed finish			
620170700	Sq Yd	Class A masonry, medium pointed finish			
620170710	Sq Yd	Class A masonry, coarse pointed finish			
620170720	Sq Yd	Class A masonry, split face finish			
620170730	Sq Yd	Class A masonry, rock face finish			
620170800	Sq Yd	Class B masonry, fine point finish			
620170810	Sq Yd	Class B masonry, medium point finish			
620170820	Sq Yd	Class B masonry, course point finish			
620170830	Sq Yd	Class B masonry, split face finish			
620170840	Sq Yd	Class B masonry, rock face finish			
620181000	Sq Yd	Stone wall			
620191000	Sq Yd	Repointing existing stone masonry wall			
620202000	Sq Yd	Remove and reset stone masonry			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
620211000	Cubic Yard	Class B masonry			
620221000	Cubic Yard	Concrete masonry units	2		
620501000	Ln Ft	Railing			
620511000	LPSM	Stone masonry			
621000000	* * * * *	Section 621 - MONUMENTS AND MARKERS			
621011000	Each	Monument	0		
621021000	Each	Marker	0		
621031100	Each	Remove and reset monument			
622000000	* * * * *	Section 622 - RENTAL EQUIPMENT			
622011065	Hour	Air compressor, portable, 185 cfm minimum, including pipe, hose and fittings			
622011085	Hour	Air compressor, portable, 340 cfm minimum, including pipe, hose and fittings	0		
622011095	Hour	Air compressor, portable, 600 cfm minimum, including pipe, hose and fittings	0		
622011192	Hour	Air equipment, air tool, light jackhammer, 40 pound minimum, including drill steel, bits and fittings			
622012050	Hour	Compaction equipment, manually operated			
622012060	Hour	Compaction equipment			
622013250	Hour	Crane, truck mounted, 45 ton minimum capacity, 110 ft minimum boom with clam bucket			
622013269	Hour	Crane, truck mounted, 50 ton minimum capacity, 90 ft minimum boom, with dragline bucket			
622013270	Hour	Crane, truck mounted, 50 ton minimum capacity, 100 ft minimum boom, with dragline bucket			
622013271	Hour	Crane, truck mounted or self-propelled, 100 tons minimum capacity, 180 ft min. boom, with dragline bucket, wrecking ball, 20 ft dozer			
622013275	Hour	Crane, truck mounted, 75 ton minimum capacity, 180 ft minimum boom, with dragline bucket and 20 ft dozer track drag			
622013276	Hour	Crane, truck mounted, 100 ton minimum capacity, 180 ft minimum boom, with dragline bucket and 10 ft dozer track drag			
622013385	Hour	Drill, blast hole, crawler mounted, 3 inch min., including drill steel, bits and fittings			
622013990	Hour	Grader, motor, 125 EHP minimum			
622013991	Hour	Grader, motor, 125 EHP minimum, with ripper			
622014000	Hour	Grader, motor, 150 EHP minimum	0		
622014095	Hour	Grader, motor, 23000 lbs minimum			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
622014170	Hour	Hydraulic excavator, crawler mounted, 1 cu yd minimum capacity with thumb attachment			
622014180	Hour	Hydraulic excavator, crawler mounted, 1.5 cu yd minimum capacity			
622014182	Hour	Hydraulic excavator, crawler mounted, 1.5 cu yd minimum, 250 EHP minimum			
622014184	Hour	Hydraulic excavator, 1 cu yd minimum capacity	0		
622014185	Hour	Hydraulic excavator, 1.5 cu yd minimum capacity	0		
622014201	Hour	Hydraulic excavator, 1 cu yd minimum capacity with thumb attachment			
622014208	Hour	Hydraulic excavator, 1.5 cu yd minimum capacity with thumb attachment			
622014250	Hour	Hydraulic excavator, telescoping full rotating boom, 1.25 cu yd minimum capacity			
622014415	Hour	Hydraulic excavator, truck mounted, telescoping full rotating boom, 5/8 cu yd minimum capacity			
622014425	Hour	Hydraulic excavator, truck mounted, telescoping full rotating boom, 1.25 cu yd minimum capacity			
622014600	Hour	Lighting set, trailer mounted			
622015040	Hour	Loader, front end, wheel type, 3 cu yd minimum capacity			
622015050	Hour	Loader, front end, wheel type, 3.5 cu yd minimum capacity			
622015060	Hour	Loader, front end, wheel type, 5 cu yd minimum capacity			
622015080	Hour	Loader, front end, wheel type, 8 cu yd minimum capacity			
622015210	Hour	Loader, wheel, skid steer, 40 EHP minimum			
622015315	Hour	Loader/backhoe, wheel type tractor, 45 EHP minimum			
622015375	Hour	Milling machine, 24 inch minimum cutting head, 105 EHP minimum			
622015700	Hour	Power tool, chain saw, gasoline powered, 24 inch bar			
622016155	Hour	Roller, grid, towed, 13 ton minimum			
622016255	Hour	Roller, smooth wheel, self-propelled			
622016470	Hour	Roller, vibratory, single drum, self-propelled	0		
622017020	Hour	Tractor, crawler (dozer), power angle and power tilt blade, 65 EHP minimum	0		
622017021	Hour	Tractor, crawler (dozer), universal blade, 110 EHP minimum			
622017022	Hour	Tractor, crawler (dozer), universal blade, 110 EHP minimum, with winch and cable			
622017024	Hour	Tractor, crawler (dozer), p.s., l.g.p., angle blade, hydraulic, 120 EHP			
622017025	Hour	Tractor, crawler (dozer), p.s., l.g.p., angle blade, hydraulic, 140 EHP			
622017028	Hour	Tractor, crawler (dozer), universal blade, 165 EHP minimum			
622017030	Hour	Tractor, crawler (dozer), straight blade, 165 EHP minimum			
622017040	Hour	Tractor, crawler (dozer), angle blade, 165 EHP minimum			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
622017045	Hour	Tractor, crawler (dozer), 200 EHP minimum			
622017050	Hour	Tractor, crawler (dozer), universal blade, 200 EHP minimum			
622017060	Hour	Tractor, crawler (dozer), universal blade, 285 EHP minimum, with winch and cable			
622017090	Hour	Tractor, crawler (dozer), ripper, 300 EHP minimum			
622017095	Hour	Tractor, crawler (dozer), with 3 shank ripper, 300 EHP minimum			
622017100	Hour	Tractor, crawler (dozer), universal blade, 300 EHP minimum			
622017120	Hour	Tractor, crawler (dozer), universal blade and ripper, 300 EHP minimum			
622017720	Hour	Truck, highway 3/4 ton pickup			
622018065	Hour	Truck, highway, dump body, rear, 5 cu yd minimum capacity			
622018070	Hour	Truck, highway, dump body, rear, 10 cu yd minimum capacity			
622018075	Hour	Truck, highway, dump body, rear, 12 cu yd minimum capacity	0		
622018090	Hour	Truck, highway, flatbed, 1 ton minimum capacity			
622018110	Hour	Truck, highway, flatbed with hoist, 2 ton minimum capacity			
622018175	Hour	Truck, highway, water tank, 2000 gallon minimum capacity	0		
622018180	Hour	Truck, highway, water tank, 3500 gallon minimum capacity			
622018250	Hour	Truck, highway, 50000 G.V.W. with 3-axle lowboy trailer			
622018385	Hour	Truck, off highway			
622018400	Hour	Wood chipper, 9 inch chipping capacity, 65 EHP minimum	0		
622021050	Hour	Air compressor, portable, 125 cfm minimum, including pipe, hose and fittings (without operator)	0		
622021060	Hour	Air compressor, portable, 180 cfm minimum, including pipe, hose and fittings (without operator)	0		
622021070	Hour	Stone masonry splitting & shaping tools	0		
622027720	Hour	Truck, highway 3/4 tons pickup (without operator)			
622029350	Hour	Air equipment, bushhammer, including bits and fittings (without operator)			
622029360	Hour	Air equipment, paving breaker, 40 pounds minimum (without operator)			
622029370	Hour	Air equipment, heavy duty sinker, 65 pounds minimum (without operator)			
622029380	Hour	Air equipment, chipper hammer, medium, including bits (without operator)			
622029425	Hour	Power tool, saw, chain, gasoline powered, 24 inch bar length (without operator)	0		
622029430	Hour	Power tool, chain saw, gasoline powered, 36 inch bar length (without operator)	0		
622029600	Hour	Cutting torch, oxygen-acetylene, portable, including hose and tips (without operator)			
622031000	Day	Pump, water, trash, 12000 cu ft/hr			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
622032000	Day	Hydraulic excavator, 1 cu yd minimum capacity	0		
622041000	Hour	Pump, water, trash, 4 inch	0		
622041100	Hour	Pump, water, trash, 6 inch			
622041200	Hour	Pump, water, trash, 12000 cu ft/hr			
623000000	* * * * *	Section 623 - GENERAL LABOR			
623010110	Hour	General labor			
623021000	Hour	General labor (foreman)			
623031000	Hour	High scaler			
623041000	Hour	Scaler's helper			
624000000	* * * * *	Section 624 - TOPSOIL			
624010100	Sq Yd	Furnishing and placing topsoil	0		
624020100	Acre	Furnishing and placing topsoil	3		
624031000	Cubic Yard	Furnishing and placing topsoil	0		
624040050	Sq Yd	Placing conserved topsoil, 2 inch depth	0		
624050100	Acre	Placing conserved topsoil	3		
624061000	Cubic Yard	Placing conserved topsoil	0		
624070100	Sq Yd	Placing conserved topsoil	0		
625000000	* * * * *	Section 625 - TURF ESTABLISHMENT			
625010500	Acre	Seeding, dry method	3		
625011000	Acre	Seeding, hydraulic method	3		
625020500	Sq Yd	Seeding, dry method	0		
625021000	Sq Yd	Seeding, hydraulic method	0		
625031000	Slry Unit	Seeding, hydraulic method	2		
625041000	Acre	Mulching, hydraulic method	3		
625041250	Acre	Mulching, dry method			
625041500	Acre	Mulching, hand method	3		
625050500	Sq Yd	Mulching, dry method	0		
625051000	Sq Yd	Mulching, hydraulic method	0		
625051500	Sq Yd	Mulching, hand method	0		
625061000	Slry Unit	Mulching, hydraulic method	2		
625071000	Ton	Fertilizer, dry method	1		
625081000	Cubic Yard	Water	1		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
625091000	Acre	Turf establishment	3		
625101000	Acre	Seed supplemental application	3		
625101500	Acre	Mature compost supplemental application	3		
625102000	Acre	Mulch supplemental application	1		
625110100	Ton	Seed supplemental application	1		
625110200	Ton	Fertilizer supplemental application	1		
625110300	Ton	Mulch supplemental application	1		
625120100	Pound	Seed supplemental application	0		
625120200	Pound	Fertilizer supplemental application	0		
625120300	Pound	Mulch supplemental application	0		
625131000	Pound	Fertilizer			
625132000	Pound	Soil binder reinforcement			
625141000	Slyr Unit	Turf establishment	0		
625151000	Gallon	Soil binder	0		
625161000	Acre	Fertilizer			
625211000	LPSM	Seeding			
625221000	LPSM	Turf establishment			
625231000	Sq Yd	Turf establishment	0		
625501000	Pound	Soil amendment	0		
626000000	*****	Section 626 - PLANTS, TREES, SHRUBS, VINES, AND GROUNDCOVERS			
626010015	Each	Alder, thinleaf (alnus incana)			
626010030	Each	Alder, red (alnus oregona)			
626010050	Each	Aspen, quaking (populus tremuloides)			
626010052	Each	Birch, water (betula occidentalis)			
626010060	Each	Cedar, port orford (chamaecyparis lawsoniana)			
626010100	Each	Cedar, western red (thuja plicata)			
626010150	Each	Cottonwood, black (populus trichocarpa)			
626010170	Each	Dogwood, cuttings			
626010180	Each	Fir, alpine (abies lasiocarpa)			
626010190	Each	Fir, douglas (pseudotsuga menziesii)			
626010200	Each	Fir, douglas (pseudotsuga taxifolia)			
626010250	Each	Fir, white (abies concolor)			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
626010280	Each	Hawthorn, columbiana (crataegus columbiana)			
626010285	Each	Hawthorn, douglas (crataegus douglasii)			
626010300	Each	Hemlock, mountain (tsuga mertensiana)			
626010350	Each	Hemlock, western (tsuga heterophylla)			
626010380	Each	Larch, western (larix occidentalis)			
626010400	Each	Locust, black (robinia pseudoacacia)			
626010450	Each	Maple, big leaf (acer macrophyllum)			
626010475	Each	Maple, rocky mountain (acer glabrum)			
626010500	Each	Maple, douglas (acer glabrum, var. douglasii)			
626010550	Each	Maple, vine (acer circinatum)			
626010600	Each	Pine, lodgepole (pinus contorta)			
626010650	Each	Pine, ponderosa (pinus ponderosa)			
626010700	Each	Poplar, black (populus nigra)			
626010710	Each	Spruce, englemann (picea engelmannii)			
626010715	Each	Spruce, sitka (picea sitchensis)			
626010740	Each	Willow bundle			
626010750	Each	Willow, bebb's (salix bebbiana)			
626010795	Each	Willow, river (salix fluviatilis), cuttings			
626011800	Each	Willow, salix spp, cuttings			
626011900	Each	Willow, scouler (salix scouleriana)			
626011910	Each	Willow, coyote (salix exigua)	0		
626011920	Each	willow, pacific (salix lasiandra)	0		
626011999	*****	***** SHRUB CATEGORY *****			
626012000	Each	Alder, sitka (alnus sinuata)			
626012050	Each	Beard-tongue (penstemon)			
626012099	Each	Bitterbrush, anthelope (purshia tridentata)			
626012149	Each	Boxwood, oregon (paxistima myrsinities)			
626012170	Each	Ceanothus (ceanothus velutinus)			
626012200	Each	Chokecherry, common (prunus virginiana)			
626012250	Each	Dogwood, red-osier (cornus stolonifera)			
626012300	Each	Elderberry, blue (sambucus caerulea)			
626012350	Each	Grape, oregon (berberis nervosa)			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
626012355	Each	Grape, oregon (berberis repens)			
626012399	Each	Huckleberry, evergreen (vaccinium ovatum)			
626012425	Each	Huckleberry, globe (vaccinium globulare)			
626012450	Each	Kinnikinnick (arctostaphylos uva-ursi)			
626012490	Each	Mallow ninebark (physocarpus malvaceus)			
626012499	Each	Manzanita, green leaf (arctostaphylos patulo)			
626012550	Each	Ocean spray (holodiscus discolor)			
626012570	Each	Raspberry (rubus idaeus)			
626012600	Each	Rose, nootka (rosa nutkana)			
626012650	Each	Rose, wild (rosa woodsii)			
626012699	Each	Salal (gaultheria shallon)			
626012730	Each	Serviceberry (amanchier)			
626012750	Each	Serviceberry, saskatoon (amelanchier alnifolia)			
626012800	Each	Snowberry (symphoricarpos albus)			
626012849	Each	Snowbrush (ceanothus velutinus)			
626013000	Each	Spirea, white (spirea betulifolia)			
626013010	Each	Spirea, douglas (spiraea douglasii)			
626013999	*****	***** VINES AND GROUNDCOVER CATEGORY *****			
626014200	Each	Bulrush, small fruited (scirpus microcarpus)			
626014210	Each	Bulrush, soft-stem (scirpus validus)			
626014500	Each	Lupine, large (lupinus polyphyllus)			
626014700	Each	Rush, dagger leaf (juncus ensifolius)			
626014720	Each	Rush, soft (juncus effusus)			
626014900	Each	Swordfern, western (polystichum munitum)			
626018000	Each	Transplant tree			
626021000	Cubic Yard	Water			
626101000	Ln Ft	Root barrier			
626111000	Ln Ft	Live fascine			
627000000	*****	Section 627 - SOD			
627011000	Sq Yd	Solid sod			
627011050	Sq Yd	Strip sod	0	0	
628000000	*****	Section 628 - SPRIGGING			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
628011000	Acre	Broadcast sprigging	3	3	
628021000	Sq Yd	Broadcast sprigging			
629000000	*****	Section 629 - MATTING			
629010100	Sq Yd	Erosion control mat			
629021000	Sq Yd	Roving			
629031000	Sq Yd	Cellular confinement system			
629041000	Sq Yd	Geocell			
633000000	*****	Section 633 - PERMANENT TRAFFIC CONTROL			
633011000	Each	Sign installation			
633012000	Each	Sign installation (Government furnished)			
633021000	Sq Ft	Sign installation	1		
633030100	Each	Signs			
633040100	Sq Ft	Signs			
633050100	Ln Ft	Posts			
633060200	Each	Object markers	0		
633070020	Each	Delineators			
633081000	Each	Removing and resetting signs			
633090100	Each	Snowpoles	0		
633090200	Each	Snowpole holder			
633090250	Ln Ft	Snowpole delineator			
633100050	Each	Warning system			
633110100	Sq Ft	Removing and resetting sign			
633120300	Sq Ft	Signs, routed wood			
633140100	Each	Removing and resetting object marker			
633152000	Each	Post			
633161000	LPSM	Remove and reinstall signs			
633171000	Each	Sign sleeve	0		
633171500	Each	Bollard sleeve	0		
633172000	Each	Sign base			
633173000	Each	Sign bracket	0	0	
634000000	*****	Section 634 - PERMANENT PAVEMENT MARKINGS			
634010050	Ln Ft	Pavement markings type B, broken yellow			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
634010055	Ln Ft	Pavement markings type B, broken white			
634010056	Ln Ft	Pavement markings type B, dotted white	0	0	
634010057	Ln Ft	Pavement markings type B, dotted yellow	0	0	
634010060	Ln Ft	Pavement markings type B, solid yellow			
634010065	Ln Ft	Pavement markings type B, solid white			
634050600	Each	Raised pavement markers			
634050610	Each	Raised pavement markers, ceramic			
634050620	Each	Raised pavement markers, snowplow plowable			
634060100	Each	Pavement markings type B, arrow symbol			
634060125	Each	Pavement markings type B, yield triangle symbol	0		
634060150	Each	Pavement markings type B, white accessibility symbol			
634060160	Each	Pavement markings type B, painted cattleguard	0		
634060350	Each	Pavement markings type H, arrow symbol	0		
634060351	Each	Pavement markings type H, accessibility symbol	0		
634060355	Each	Pavement markings type H, text	0		
634101000	Each	Recessed pavement markers			
635000000	*****	Section 635 - TEMPORARY TRAFFIC CONTROL			
635010100	LPSM	Temporary traffic control	\$	\$	
635020100	Hour	Advance warning arrow panel type A	0		
635030100	Each	Advance warning arrow panel type A	0		
635030300	Each	Advance warning arrow panel type C	0		
635040100	Ln Ft	Barricade type I	0		
635050100	Each	Barricade type I	0		
635050200	Each	Barricade type II	0		
635050300	Each	Barricade type III	0		
635060400	Each	Cone, 28 inch minimum	0		
635060500	Each	Cone, tubular marker, 28 inch minimum			
635071000	Sq Ft	Construction sign	1		
635080100	Each	Drum	0		
635091000	fix hr rate	Flagger	0		
635101000	Hour	Pilot car	0		
635111000	Ln Ft	Temporary concrete barrier	0		

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
635121000	Ln Ft	Moving temporary concrete barrier	0		
635131000	Ln Ft	Temporary guardrail	0		
635141000	Ln Ft	Temporary pavement markings	0		
635141100	Ln Ft	Temporary pavement markings, broken yellow			
635141200	Ln Ft	Temporary pavement markings, broken white			
635141300	Ln Ft	Temporary pavement markings, solid yellow			
635141400	Ln Ft	Temporary pavement markings, solid white			
635151000	Mile	Temporary pavement markings	3		
635161000	Sq Ft	Temporary pavement markings, symbols and letters	0		
635171000	Each	Temporary pavement markings, symbols and letters	0		
635181000	Each	Temporary raised pavement marker	0		
635191000	Ln Ft	Pavement marking removal	0		
635201000	Each	Vertical panel			
635210500	Each	Warning light type A	0		
635211000	Each	Warning light type B	0		
635211500	Each	Warning light type C	0		
635221000	Hour	Shadow vehicle			
635231000	Ton	Maintenance of traffic, pavement patch			
635241000	Each	Variable message sign			
635251000	Each	Temporary crash cushion barrel system			
635261000	Each	Moving temporary crash cushion			
635271000	Each	Replacement barrels for crash cushions			
635281000	LPSM	Temporary traffic signal system			
635291000	Each	Temporary traffic signal system			
635301000	Each	Relocating temporary traffic signal system			
635310100	Ln Ft	Temporary fence	0		
635321000	Each	Portable rumble strip			
635331000	Each	Opposing traffic lane divider			
635341000	Sq Ft	Steel plates			
635351000	Each	Temporary snowpoles			
635361000	Each	Temporary barrier reflector			
635391000	Each	Remove and reset type III barricade	0	0	

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
635400200	LPSM	Temporary traffic control during non-work hours			
635451000	Day	Portable changeable message sign			
635501000	Each	Vehicle positioning guide			
635511000	Each	Shuttle bus			
635521000	Day	Shuttle bus			
635591000	Hour	Traffic control laborer			
635601000	Hour	Traffic and safety supervisor			
635601500	Day	Traffic and safety supervisor			
636000000	* * * * *	Section 636 - SIGNAL, LIGHTING, AND ELECTRICAL SYSTEMS			
636011000	LPSM	Signal installation		\$	
636021000	LPSM	Lighting installation	\$	\$	
636031000	LPSM	Electrical installation	\$	\$	
636041000	LPSM	Railroad crossing system	\$	\$	
636050200	LPSM	Relocate signal system	\$	\$	
636060200	Ln Ft	Conduit			
636070100	Ln Ft	Electrical conductors			
636081000	Each	Luminaires			
636091000	Each	Pole			
636101000	Each	Pull box			
636112000	Each	Relocate signal system			
636112100	Each	Relocate electrical cable			
636131000	Each	Signal system			
636141000	Each	Remove and reinstall lightpole			
636161000	Day	Signal system maintenance			
636171000	Ln Ft	Vehicle sensor loop cable			
636181000	LPSM	Vehicle sensor induction loop			
636191000	Each	Vehicle sensor induction loop			
636201000	LPSM	Speed detection system			
636211000	Each	Thermistors			
636212000	Each	Thermistor (Government furnished)			
636221000	LPSM	Signal system maintenance			
636251000	Ln Ft	Trench for utilities			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
636261000	LPSM	Vehicle sensor system			
636271000	LPSM	Utility line marking			
636281000	LPSM	Conduit system			
636291000	LPSM	Cable tracing system			
636301000	Ln Ft	Telephone wire			
636351000	LPSM	Power generators			
636352000	LPSM	Maintenance of auxiliary power			
636401000	Ln Ft	Electrical line	1		
637000000	*****	Section 637 - FACILITIES AND SERVICES			
637011000	Each	Field office			
637021000	Each	Field laboratory			
637031000	Each	Residential housing			
637041000	Each	Vehicles			
637051000	LPSM	Field office			
637061000	LPSM	Field laboratory			
637071000	LPSM	Residential housing			
637081000	LPSM	Vehicles			
638000000	*****	Section 638 - SNOW REMOVAL (ADDED SECTION)			
638010100	Mile	Snow removal			
639000000	*****	Section 639 - SANITATION FACILITIES (ADDED SECTION)			
639011000	Each	Restroom facility			
639012000	Each	Portable toilet			
639013000	Each	Toilet maintenance			
640000000	*****	Section 640 - REMOVE AND REINSTALL EXISTING HIGHWAY FACILITIES AND STRUCTURES (ADDED SECTION)			
640010100	Each	Remove and reinstall birdhouse			
640010850	Each	Remove and reinstall entry arch			
640011050	Each	Remove and reinstall flagpole			
640012270	Each	Remove and reinstall litter barrel			
640012275	Each	Remove and reinstall litter barrel pad			
640012410	Each	Remove and reinstall mailbox			
640013000	Each	Remove and reinstall kiosk			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
640013100	Each	Remove and reinstall sanitary facility			
640013150	Each	Remove and reinstall bench	0	0	
640020050	LPSM	Remove and reinstall structure			
640020100	LPSM	Remove and reinstall Entrance Station			
640020200	LPSM	Remove and reinstall kiosk			
640020250	LPSM	Remove and reinstall debris rack			
640020260	LPSM	Remove and reinstall mailbox(s)			
645000000	*****	Section 645 - BARRIERS (ADDED SECTION)			
645011012	Each	Bollard			
645031000	Each	Barrier			
647000000	*****	Section 647 - VEHICLE SENSOR SYSTEM (ADDED SECTION)			
647011000	Ln Ft	Sensor cable			
650000000	*****	Section 650 - ROADSIDE DEVELOPMENT (ADDED SECTION)			
650010461	Each	Fish habitat tree			
650010700	Each	Headcut prevention structure			
650011000	Each	Landscaping log			
650011020	Each	Log deflector			
650011030	Each	Log weir			
650011630	Each	Rock deflector			
650011635	Each	Rock weir			
650011640	Each	Root wad			
650011920	Each	Tree well			
650012000	Each	Fish passage boulders			
650012100	Each	Fish passage structure	0		
650012200	Each	Woody debris	0	0	
650021000	Ln Ft	Log barrier	1		
650022000	Ln Ft	Rock weir	1		
650023000	Ln Ft	Rubber deflector	1		
650025010	Ln Ft	Landscaping log	1		
650031000	Ln Ft	Reposition log	1		
650031916	Ton	Spawning gravel			
650040400	LPSM	Cascade structure			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
650041000	LPSM	Landscaping			
650041500	LPSM	Log weir outlet control system			
650051000	LPSM	Wetlands mitigation			
650061000	LPSM	Work site restoration			
650072000	Each	Cabled rock weir			
650081000	Cubic Yard	Streambed material			
650082000	Cubic Yard	Spawning gravel	0		
650101000	Cubic Yard	Wetlands mitigation			
650191000	Sq Yd	Geomembrane pond liner			
650211000	LPSM	Habitat pond enhancement			
650221000	LPSM	Slough habitat enhancement			
650226000	LPSM	Stream channel realignment			
650231000	Each	Stream channel realignment			
651000000	*****	Section 651 - BIOENGINEERED SLOPES (ADDED SECTION)			
651010500	Sq Yd	Bioengineered slope			
651011300	Sq Yd	Erosion control mat			
651021200	Each	Willow cuttings			
654000000	*****	Section 654 - SPECIAL ROCK SURFACE TREATMENT (ADDED SECTION)			
654010100	Gallon	Special rock surface treatment			
655000000	*****	Section 655 - MISCELLANEOUS ROCK WORK (ADDED SECTION)			
655021000	Cubic Yard	Removal of isolated boulders			
655051000	Ln Ft	Boulder border			
655081000	Each	Rock bolts			
655090100	Each	Boulder	0		
655091000	Each	Rock dowels			
655092000	Each	Temporary rock fall protection system			
655101000	Ln Ft	Rock bolts			
655102000	Ln Ft	Rock dowels			
655111000	LPSM	Remove and reinstall rock barrier			
655121000	Ln Ft	Drilled holes			
655141000	Pound	Blasting agent			
658000000	*****	Section 658 - SUBSEALING AND STABILIZATION (ADDED SECTION)			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
658011100	Cubic Yard	Grout			
658031100	Ln Ft	Subsealing holes			
658031200	Ln Ft	Drilled holes			
659000000	*****	Section 659 - SPECIAL BACKFILL (ADDED SECTION)			
659011000	Cubic Yard	Concrete backfill			
660000000	*****	Section 660 - CONDUIT (ADDED SECTION)			
660011210	Ln Ft	Conduit			
660021000	LPSM	Conduit system (waterlines)			
660041000	LPSM	Removal, maintenance, and reinstallation of utilities			
665000000	*****	Section 665 - IRRIGATION FACILITIES (ADDED SECTION)			
665011800	Each	Irrigation division box			
665021600	LPSM	Irrigation system			
665090450	Each	Canal gate			
665101000	Each	Slide ditch gate			
670000000	*****	Section 670 - KIOSK			
670011000	Each	Kiosk			
670021000	Each	Remove and reset kiosk			
672000000	*****	Section 672 - ALTERATION AND REPAIR OF EXISTING STRUCTURES (ADDED SECTION)			
672010050	LPSM	Alteration of pipe culvert			
672010100	LPSM	Alteration of box culvert			
672010200	LPSM	Alteration of slotted pipe drain			
672020100	LPSM	Alteration of bridge arch			
672020250	LPSM	Alteration of bridge parapet			
672030100	LPSM	Alteration of stone masonry culvert flume			
672041000	LPSM	Alteration of bridge			
672051000	Sq Ft	Alteration of bridge	0	0	
672091000	LPSM	Bulkhead			
672101000	LPSM	Repair of existing structure			
672201000	Each	Alteration of box culvert			
674000000	*****	Section 674 - SITE DEVELOPMENT (ADDED SECTION)			
674015000	LPSM	Perimeter security fence			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
674017500	LPSM	Weather station site development			
674020100	LPSM	Utility system	0		
675000000	* * * * *	Section 675 - MINOR STRUCTURES (ADDED SECTION)			
675010270	Each	Bike rack			
675011100	Each	Flag pole			
675012450	Each	Mailbox support (single)			
675012455	Each	Mailbox support (double)			
675012500	Each	Mailbox support (multiple)			
675013000	Each	Debris rack			
675013100	Each	Trash receptacle			
675014000	Each	Litter barrel			
675014100	Each	Trash receptacle	0	0	
675014500	Each	Recycle station			
675015000	Each	Bench			
675016000	Each	Picnic table			
675021070	Ln Ft	Railing			
675022280	Ln Ft	Log planter	1		
675031000	Each	Remove and reinstall mailbox			
675041000	LPSM	Debris rack			
675042000	LPSM	Footbridge			
675043000	LPSM	Boardwalk			
675051500	LPSM	Delivery and collection box units			
675052000	LPSM	Stock watering system			
675061000	Each	Stone pillar			
675071000	Each	Stone interpretive sign support			
675081000	Each	Railing			
675091000	Ln Ft	Containment log			
677000000	* * * * *	Section 677 - TRAILS (ADDED SECTION)			
677015000	LPSM	Horse trail			
677021000	Ln Ft	Snowmobile trail			
677022000	Ln Ft	Pedestrian trail			
680000000	* * * * *	Section 680 - DETOURS (ADDED SECTION)			

Item No.	Unit	Description	Decimals		Incentive
			Estimate & Schedule	Progress Estimate	M = Materials R = Rideability
680010110	LPSM	Construct and maintain detour			
680020110	Mile	Construct and maintain detour			
680030110	LPSM	Maintenance of detour			
680040110	LPSM	Detour bridge			
680041000	LPSM	Removal of detour			
680051000	LPSM	Temporary bridge protection			
680061000	LPSM	Removal of detour bridge			
682000000	* * * * *	Section 682 - ROADWAY INSULATION (ADDED SECTION)			
682013000	Sq Yd	Polystyrene foam			
682021000	Sq Yd	Geomembrane			
682031000	Sq Yd	Cellular glass insulation			
690000000	* * * * *	Section 690 - GEOTECHNICAL EXPLORATION (ADDED SECTION)			
690011000	Each	Borings			
690021000	Each	Inclinometer casing			
690031000	Ln Ft	Exploratory drilling			
695000000	* * * * *	Section 695 - MATERIAL SOURCE DEVELOPMENT AND RECLAMATION (ADDED SECTION)			
695011000	LPSM	Material source development and reclamation			
695021000	Cubic Yard	Material source development and reclamation			