Appendix D- Base Estimate of Quantities

		FS Road Number		42N02	42N05	42N15	42N15A	U42N15E
		Project Road Length	Miles	1.05	0.3	6.25	1.1	1.6
Item #	Pay Item	Description	Unit					
15101	Mobilization	Includes temporary traffic control, fire protection, and equipment cleaning	LS					
20425	Drainage Excavation – Rolling Dip Type II	Construct rolling dip as shown in the drawings. Design vehicle for Type II is a model 62 fire engine	EA	4	2	26	9	14
21101	Roadway Obliteration – Method 2 (subsoiling)	Close roads by filling ditches and outsloping the roadbed to drain. Remove and slope embankment material at localized drainages to restore the natural drainage patterns. Eliminate ruts and low spots that could hold water.	MI			3.21	0.15	
21201	Linear Grading – Realignment and Maintenance (Compaction Method D)	This work consists of constructing roadbeds within the specified alignment and grade tolerances.	MI			2.47	0.5	1.25
30201	Minor Crushed Aggregate (see FP-14 FSSS 70305(b) Surface Course Aggregate, Compaction Method D)	This work consists of constructing one or more courses of aggregate on a prepared surface. Surface course aggregate grading is designated according to FP-14 FSSS 70305(b).	CY				300	
30301	Roadway Recondtitioning (Compaction-Method D)	Roadway reconditioning includes re-establishment of drainage features, constructing leadouts, and grading and shaping existing road to provide better drainage. Clear vegetation and debris within road prism as shown in the road reconditioning typical.	MI	0.51	0.01		0.3	0.1
20101	Clearing and Grubbing (Dipsosal Method – Scatter)	This work consists of clearing and grubbing tress, brush, downed timber, and other vegetation within the clearing limits designated in the plans.	ACRE					

		FS Road Number		42N15Y	42N16	42N16B	42N18	U42N18A
		Project Road Length	Miles	1.4	7.8	0.2	2	1
Item #	Pay Item	Description	Unit					
15101	Mobilization	Includes temporary traffic control, fire protection, and equipment cleaning	LS					
20425	Drainage Excavation - Rolling Dip Type II	Construct rolling dip as shown in the drawings. Design vehicle for Type II is a model 62 fire engine	EA	2	47	2	7	4
21101	Roadway Obliteration - Method 2 (subsoiling)	Close roads by filling ditches and outsloping the roadbed to drain. Remove and slope embankment material at localized drainages to restore the natural drainage patterns. Eliminate ruts and low spots that could hold water.	MI					
21201	Linear Grading - Realignment and Maintenance (Compaction Method D)	This work consists of constructing roadbeds within the specified alignment and grade tolerances.	MI		0.2			
30201	Minor Crushed Aggregate (see FP-14 FSSS 70305(b) Surface Course Aggregate, Compaction Method D)	This work consists of constructing one or more courses of aggregate on a prepared surface. Surface course aggregate grading is designated according to FP-14 FSSS 70305(b).	CY		150			
30301	Roadway Recondtitioning (Compaction-Method D)	Roadway reconditioning includes re-establishment of drainage features, constructing leadouts, and grading and shaping existing road to provide better drainage. Clear vegetation and debris within road prism as shown in the road reconditioning typical.	MI		0.95		0.75	
20101	Clearing and Grubbing (Dipsosal Method - Scatter)	This work consists of clearing and grubbing tress, brush, downed timber, and other vegetation within the clearing limits designated in the plans.	ACRE	1		0.05		

		FS Road Number		U42N18B	43N20	42N33	42N34	42N34A
		Project Road Length	Miles	1	3.9	5.8	2	0.33
Item #	Pay Item	Description	Unit					
15101	Mobilization	Includes temporary traffic control, fire protection, and equipment cleaning	LS					
20425	Drainage Excavation - Rolling Dip Type II	Construct rolling dip as shown in the drawings. Design vehicle for Type II is a model 62 fire engine	EA	3	13	32	8	6
21101	Roadway Obliteration - Method 2 (subsoiling)	Close roads by filling ditches and outsloping the roadbed to drain. Remove and slope embankment material at localized drainages to restore the natural drainage patterns. Eliminate ruts and low spots that could hold water.	MI					
21201	Linear Grading - Realignment and Maintenance (Compaction Method D)	This work consists of constructing roadbeds within the specified alignment and grade tolerances.	MI					
30201	Minor Crushed Aggregate (see FP-14 FSSS 70305(b) Surface Course Aggregate, Compaction Method D)	This work consists of constructing one or more courses of aggregate on a prepared surface. Surface course aggregate grading is designated according to FP-14 FSSS 70305(b).	CY		100			
30301	Roadway Recondtitioning (Compaction-Method D)	Roadway reconditioning includes re-establishment of drainage features, constructing leadouts, and grading and shaping existing road to provide better drainage. Clear vegetation and debris within road prism as shown in the road reconditioning typical.	MI		0.1	1.34	0.8	
20101	Clearing and Grubbing (Dipsosal Method - Scatter)	This work consists of clearing and grubbing tress, brush, downed timber, and other vegetation within the clearing limits designated in the plans.	ACRE	1			0.8	0.05

		FS Road Number		42N44	42N52	42N71	42N76	42N84	43N16
		Project Road Length	Miles	1.15	0.77	1	1.4	0.8	2.9
Item #	Pay Item	Description	Unit						
15101	Mobilization	Includes temporary traffic control, fire protection, and equipment cleaning	LS						
20425	Drainage Excavation - Rolling Dip Type II	Construct rolling dip as shown in the drawings. Design vehicle for Type II is a model 62 fire engine	EA	8	1	9	3	11	8
21101	Roadway Obliteration - Method 2 (subsoiling)	Close roads by filling ditches and outsloping the roadbed to drain. Remove and slope embankment material at localized drainages to restore the natural drainage patterns. Eliminate ruts and low spots that could hold water.	MI		1.47				
21201	Linear Grading - Realignment and Maintenance (Compaction Method D)	This work consists of constructing roadbeds within the specified alignment and grade tolerances.	MI		0.75		0.1		
30201	Minor Crushed Aggregate (see FP-14 FSSS 70305(b) Surface Course Aggregate, Compaction Method D)	This work consists of constructing one or more courses of aggregate on a prepared surface. Surface course aggregate grading is designated according to FP-14 FSSS 70305(b).	CY				100		
30301	Roadway Recondtitioning (Compaction-Method D)	Roadway reconditioning includes re-establishment of drainage features, constructing leadouts, and grading and shaping existing road to provide better drainage. Clear vegetation and debris within road prism as shown in the road reconditioning typical.	MI				0.7	0.5	
20101	Clearing and Grubbing (Dipsosal Method - Scatter)	This work consists of clearing and grubbing tress, brush, downed timber, and other vegetation within the clearing limits designated in the plans.	ACRE	1.15		1			2.9

		FS Road Number		43N19	43N19A	43N21	U42N18C	U42N12A
		Project Road Length	Miles	6.4	1.45	3.9	0.66	1.28
Item #	Pay Item	Description	Unit					
15101	Mobilization	Includes temporary traffic control, fire protection, and equipment cleaning	LS					
20425	Drainage Excavation - Rolling Dip Type II	Construct rolling dip as shown in the drawings. Design vehicle for Type II is a model 62 fire engine	EA	18	2	3		
21101	Roadway Obliteration - Method 2 (subsoiling)	Close roads by filling ditches and outsloping the roadbed to drain. Remove and slope embankment material at localized drainages to restore the natural drainage patterns. Eliminate ruts and low spots that could hold water.	MI	0.8		3.5		
21201	Linear Grading - Realignment and Maintenance (Compaction Method D)	This work consists of constructing roadbeds within the specified alignment and grade tolerances.	MI	2		3.65	0.65	1.08
30201	Minor Crushed Aggregate (see FP-14 FSSS 70305(b) Surface Course Aggregate, Compaction Method D)	This work consists of constructing one or more courses of aggregate on a prepared surface. Surface course aggregate grading is designated according to FP-14 FSSS 70305(b).	CY	1000		150		
30301	Roadway Recondtitioning (Compaction-Method D)	Roadway reconditioning includes re-establishment of drainage features, constructing leadouts, and grading and shaping existing road to provide better drainage. Clear vegetation and debris within road prism as shown in the road reconditioning typical.	MI	4.4				
20101	Clearing and Grubbing (Dipsosal Method - Scatter)	This work consists of clearing and grubbing tress, brush, downed timber, and other vegetation within the clearing limits designated in the plans.	ACRE		0.8			

		FS Road Number		U43N72G	42N16D	42N97	42N97A	43N07
		Project Road Length	Miles	0.45	0.25	0.55	0.5	1.35
Item #	Pay Item	Description	Unit					
15101	Mobilization	Includes temporary traffic control, fire protection, and equipment cleaning	LS					
20425	Drainage Excavation - Rolling Dip Type II	Construct rolling dip as shown in the drawings. Design vehicle for Type II is a model 62 fire engine	EA			6	4	8
21101	Roadway Obliteration - Method 2 (subsoiling)	Close roads by filling ditches and outsloping the roadbed to drain. Remove and slope embankment material at localized drainages to restore the natural drainage patterns. Eliminate ruts and low spots that could hold water.	MI	0.45	0.26			
21201	Linear Grading - Realignment and Maintenance (Compaction Method D)	This work consists of constructing roadbeds within the specified alignment and grade tolerances.	MI					
30201	Minor Crushed Aggregate (see FP-14 FSSS 70305(b) Surface Course Aggregate, Compaction Method D)	This work consists of constructing one or more courses of aggregate on a prepared surface. Surface course aggregate grading is designated according to FP-14 FSSS 70305(b).	CY					
30301	Roadway Recondtitioning (Compaction-Method D)	Roadway reconditioning includes re-establishment of drainage features, constructing leadouts, and grading and shaping existing road to provide better drainage. Clear vegetation and debris within road prism as shown in the road reconditioning typical.	MI					
20101	Clearing and Grubbing (Dipsosal Method - Scatter)	This work consists of clearing and grubbing tress, brush, downed timber, and other vegetation within the clearing limits designated in the plans.	ACRE					

		FS Road Number		42N14	42N16A	42N16C
		Project Road Length	Miles	0.25	0.7	0.05
Item #	Pay Item	Description	Unit			
15101	Mobilization	Includes temporary traffic control, fire protection, and equipment cleaning	LS			
20425	Drainage Excavation - Rolling Dip Type II	Construct rolling dip as shown in the drawings. Design vehicle for Type II is a model 62 fire engine	EA	2	5	2
21101	Roadway Obliteration - Method 2 (subsoiling)	Close roads by filling ditches and outsloping the roadbed to drain. Remove and slope embankment material at localized drainages to restore the natural drainage patterns. Eliminate ruts and low spots that could hold water.	MI			
21201	Linear Grading - Realignment and Maintenance (Compaction Method D)	This work consists of constructing roadbeds within the specified alignment and grade tolerances.	MI			
30201	Minor Crushed Aggregate (see FP-14 FSSS 70305(b) Surface Course Aggregate, Compaction Method D)	This work consists of constructing one or more courses of aggregate on a prepared surface. Surface course aggregate grading is designated according to FP-14 FSSS 70305(b).	CY			
30301	Roadway Recondtitioning (Compaction-Method D)	Roadway reconditioning includes re-establishment of drainage features, constructing leadouts, and grading and shaping existing road to provide better drainage. Clear vegetation and debris within road prism as shown in the road reconditioning typical.	MI			
20101	Clearing and Grubbing (Dipsosal Method - Scatter)	This work consists of clearing and grubbing tress, brush, downed timber, and other vegetation within the clearing limits designated in the plans.	ACRE			