FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 50458

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$1,100.00	n/a	$950.00
20207	Removal of individual trees, disposal method F	CQ	Each	12	$29.00	$348.00	$21.00	$252.00
20209	Selective Clearing, type Roadside Brushing, disposal method F	CQ	Mile	0.58	$870.00	$504.60	$630.00	$365.40
20302B	Removal of Gate, disposal method Salvage, compaction method N/A	CQ	Each	1	$73.00	$73.00	$59.00	$59.00
20417	Embankment construction, compaction placement method 2	CQ	CY	38	$17.75	$674.50	$15.25	$579.50
20424	Drainage excavation, type Ditch	CQ	Feet	110	$0.95	$104.50	$0.85	$93.50
20425B	Drainage excavation, type Outslope Drain	CQ	Each	2	$168.50	$337.00	$148.50	$297.00
30210	Pit run maximum size 4", method 1	CQ	CY	235	$27.00	$6,345.00	$23.25	$5,463.75
30315	Roadway reconditioning, compaction method 2	CQ	Mile	0.56	$2,035.00	$1,139.60	$1,675.00	$938.00
61902	Gate, 18' pipe gate	AQ	Each	1	$4,763.00	$4,763.00	$4,202.00	$4,202.00

Total Cost - Engineer's Estimate = $15,389

Total Cost - Specified Road Estimate = $13,200

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 50478

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$925.00	n/a	$800.00
20103	Clearing and grubbing, disposal method F	CQ	Mile	1.8	$1,135.00	$2,043.00	$955.00	$1,719.00
20302D	Removal of Water Bar, disposal method C, compaction method N/A	AQ	Each	9	$30.00	$270.00	$25.00	$225.00
20425A	Drainage excavation, type Drain Dip	CQ	Each	16	$260.00	$4,160.00	$229.50	$3,672.00
20425B	Drainage excavation, type Outslope Drain	CQ	Each	2	$168.50	$337.00	$148.50	$297.00
30210	Pit run maximum size 4", method 1	CQ	CY	56	$27.00	$1,512.00	$23.25	$1,302.00
30315	Roadway reconditioning, compaction method 2	CQ	Mile	1.8	$2,035.00	$3,663.00	$1,675.00	$3,015.00

Total Cost - Engineer's Estimate = $12,910

Total Cost - Specified Road Estimate = $11,030

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 50809

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$3,180.00	n/a	$2,745.00
20103	Clearing and grubbing, disposal method F	CQ	Mile	2.9	$1,135.00	$3,291.50	$955.00	$2,769.50
20424	Drainage excavation, type Ditch	CQ	Feet	250	$0.85	$212.50	$0.75	$187.50
20425A	Drainage excavation, type Drain Dip	CQ	Each	11	$260.00	$2,860.00	$229.50	$2,524.50
30210	Pit run maximum size 4", method 1	CQ	CY	1055	$27.00	$28,485.00	$23.25	$24,528.75
30315	Roadway reconditioning, compaction method 2	CQ	Mile	2.9	$1,625.00	$4,712.50	$1,340.00	$3,886.00
60201	18 inch pipe culvert, corrugated steel, 16 gage, compaction method 2	AQ	Feet	42	$41.00	$1,722.00	$31.50	$1,323.00

Total Cost - Engineer's Estimate = $44,464

Total Cost - Specified Road Estimate = $37,964

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 50812

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$960.00	n/a	$830.00
20103	Clearing and grubbing, disposal method F	CQ	Mile	0.42	$575.00	$241.50	$485.00	$203.70
20209	Selective Clearing, type Roadside Brushing, disposal method F	CQ	Mile	0.27	$870.00	$234.90	$630.00	$170.10
20302A	Removal of Corrugated Metal Pipe, disposal method A, compaction method N/A	AQ	Each	2	$92.00	$184.00	$78.00	$156.00
20302B	Removal of Gate, disposal method Salvage, compaction method N/A	CQ	Each	1	$73.00	$73.00	$59.00	$59.00
20302C	Removal of Earthen Berm, disposal method C, compaction method N/A	AQ	Each	1	$61.00	$61.00	$51.00	$51.00
20302D	Removal of Water Bar, disposal method C, compaction method N/A	AQ	Each	12	$30.00	$360.00	$25.00	$300.00
20425A	Drainage excavation, type Drain Dip	CQ	Each	3	$260.00	$780.00	$229.50	$688.50
20425B	Drainage excavation, type Outslope Drain	CQ	Each	3	$168.50	$505.50	$148.50	$445.50
30210	Pit run maximum size 4", method 1	CQ	CY	66	$27.00	$1,782.00	$23.25	$1,534.50
30315	Roadway reconditioning, compaction method 2	CQ	Mile	0.69	$1,455.00	$1,003.95	$1,200.00	$828.00
60201	18 inch pipe culvert, corrugated steel, 16 gage, compaction method 2	AQ	Feet	62	$40.00	$2,480.00	$30.50	$1,891.00
61902	Gate, 18' pipe gate	AQ	Each	1	$4,763.00	$4,763.00	$4,202.00	$4,202.00

Total Cost - Engineer's Estimate = $13,429

Total Cost - Specified Road Estimate = $11,359

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 51400

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$230.00	n/a	$200.00
20209	Selective Clearing, type Roadside Brushing, disposal method F	CQ	Mile	0.43	$870.00	$374.10	$630.00	$270.90
20425A	Drainage excavation, type Drain Dip	CQ	Each	6	$260.00	$1,560.00	$229.50	$1,377.00
30315	Roadway reconditioning, compaction method 2	CQ	Mile	0.73	$1,455.00	$1,062.15	$1,200.00	$876.00

Total Cost - Engineer's Estimate = $3,226

Total Cost - Specified Road Estimate = $2,724

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 51401

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$600.00	n/a	$520.00
20209	Selective Clearing, type Roadside Brushing, disposal method F	CQ	Mile	1.1	$1,085.00	$1,193.50	$785.00	$863.50
20403	Roadway excavation and embankment, compaction placement method 2	CQ	CY	60	$65.75	$3,945.00	$56.75	$3,405.00
20425A	Drainage excavation, type Drain Dip	CQ	Each	4	$260.00	$1,040.00	$229.50	$918.00
30315	Roadway reconditioning, compaction method 2	CQ	Mile	1.1	$1,455.00	$1,600.50	$1,200.00	$1,320.00

Total Cost - Engineer's Estimate = $8,379

Total Cost - Specified Road Estimate = $7,027

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 51402

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$525.00	n/a	$455.00
20302C	Removal of Earthen Berm, disposal method C, compaction method N/A	AQ	Each	1	$61.00	$61.00	$51.00	$51.00
20425B	Drainage excavation, type Outslope Drain	CQ	Each	1	$168.50	$168.50	$148.50	$148.50
21201	Linear grading, compaction method 2	CQ	MI	0.35	$16,580.00	$5,803.00	$13,649.20	$4,777.22
30210	Pit run maximum size 4", method 1	CQ	CY	28	$27.00	$756.00	$23.25	$651.00

Total Cost - Engineer's Estimate = $7,314

Total Cost - Specified Road Estimate = $6,083

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 51404

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$1,750.00	n/a	$1,510.00
20209	Selective Clearing, type Roadside Brushing, disposal method F	CQ	Mile	1.48	$1,445.00	$2,138.60	$1,050.00	$1,554.00
20302C	Removal of Earthen Berm, disposal method C, compaction method N/A	AQ	Each	2	$134.00	$268.00	$113.00	$226.00
20302D	Removal of Water Bar, disposal method C, compaction method N/A	AQ	Each	41	$30.00	$1,230.00	$25.00	$1,025.00
20403	Roadway excavation and embankment, compaction placement method 2	CQ	CY	20	$191.75	$3,835.00	$165.50	$3,310.00
20425A	Drainage excavation, type Drain Dip	CQ	Each	8	$260.00	$2,080.00	$229.50	$1,836.00
20425B	Drainage excavation, type Outslope Drain	CQ	Each	1	$168.50	$168.50	$148.50	$148.50
30210	Pit run maximum size 4", method 1	CQ	CY	49	$27.00	$1,323.00	$23.25	$1,139.25
30315	Roadway reconditioning, compaction method 2	CQ	Mile	1.48	$1,455.00	$2,153.40	$1,200.00	$1,776.00
61902	Gate, 18' pipe gate	AQ	Each	2	$4,763.00	$9,526.00	$4,202.00	$8,404.00

Total Cost - Engineer's Estimate = $24,473

Total Cost - Specified Road Estimate = $20,929

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 51450

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$155.00	n/a	$135.00
20209	Selective Clearing, type Roadside Brushing, disposal method F	CQ	Mile	0.24	$870.00	$208.80	$630.00	$151.20
20425A	Drainage excavation, type Drain Dip	CQ	Each	2	$260.00	$520.00	$229.50	$459.00
20425B	Drainage excavation, type Outslope Drain	CQ	Each	1	$168.50	$168.50	$148.50	$148.50
30210	Pit run maximum size 4", method 1	CQ	CY	28	$27.00	$756.00	$23.25	$651.00
30315	Roadway reconditioning, compaction method 2	CQ	Mile	0.24	$1,455.00	$349.20	$1,200.00	$288.00

Total Cost - Engineer's Estimate = $2,158

Total Cost - Specified Road Estimate = $1,833

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 51451

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$110.00	n/a	$95.00
20209	Selective Clearing, type Roadside Brushing, disposal method F	CQ	Mile	0.27	$870.00	$234.90	$630.00	$170.10
20425A	Drainage excavation, type Drain Dip	CQ	Each	3	$260.00	$780.00	$229.50	$688.50
30315	Roadway reconditioning, compaction method 2	CQ	Mile	0.27	$1,625.00	$438.75	$1,340.00	$361.80

Total Cost - Engineer's Estimate = $1,564

Total Cost - Specified Road Estimate = $1,315

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 51452

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$755.00	n/a	$650.00
20302C	Removal of Earthen Berm, disposal method C, compaction method N/A	AQ	Each	1	$61.00	$61.00	$51.00	$51.00
20302D	Removal of Water Bar, disposal method C, compaction method N/A	AQ	Each	4	$30.00	$120.00	$25.00	$100.00
30210	Pit run maximum size 4", method 1	CQ	CY	343	$27.00	$9,261.00	$23.25	$7,974.75
30315	Roadway reconditioning, compaction method 2	CQ	Mile	0.25	$1,455.00	$363.75	$1,200.00	$300.00

Total Cost - Engineer's Estimate = $10,561

Total Cost - Specified Road Estimate = $9,076

FS-7700-18 (11/90)

Timber Sale: THORNY GOOSE TIMBER SALE

Road Number: 51891

Prepared By: J. WRIGHT

Date Prepared: 07/20/20

					Engineer's Estimate (Public Works)		Specified Road Estimate (Timber Sale)	
Pay Item	Description	Measure	Unit	Quantity	Unit Price	Total $	Unit Price	Total $
15101	Mobilization	LSQ	LS	ALL	n/a	$1,715.00	n/a	$1,480.00
20302C	Removal of Earthen Berm, disposal method C, compaction method N/A	AQ	Each	1	$61.00	$61.00	$51.00	$51.00
20302D	Removal of Water Bar, disposal method C, compaction method N/A	AQ	Each	1	$30.00	$30.00	$25.00	$25.00
20403	Roadway excavation and embankment, compaction placement method 2	CQ	CY	60	$65.75	$3,945.00	$56.75	$3,405.00
20425A	Drainage excavation, type Drain Dip	CQ	Each	4	$260.00	$1,040.00	$229.50	$918.00
20425B	Drainage excavation, type Outslope Drain	CQ	Each	3	$168.50	$505.50	$148.50	$445.50
21201	Linear grading, compaction method 2	CQ	MI	0.66	$20,685.05	$13,652.13	$17,028.60	$11,238.88
30210	Pit run maximum size 4", method 1	CQ	CY	112	$27.00	$3,024.00	$23.25	$2,604.00

Total Cost - Engineer's Estimate = $23,973

Total Cost - Specified Road Estimate = $20,167