					Daad		
		<b>~</b>	1 l i4 O NA		Road		
Item		C or	Unit & M		Std.	Unit	Estimated
Number	Item Description & Milepost	R <sup>1</sup>	of M <sup>2</sup>	Quantity	$(W,D,S)^3$	Allowance	Allowance
	FR 3660 Adjacent Feature						
	MP 1.21	R			D		
	Work includes clearing and						
	grubbing to improve turn						
	arounds left and right. Shape to						
249 (03)	allow for drainage.		LS LSQ	2		300	\$ 600.00
	Crushed Aggregate. Work						
	includes hauling and placing 20						
	CY (26 CY loose) of crushed						
	aggregate surfacing at each						
301 (15)	intersection and radii.		CY DQ	40		20	\$ 800.00
	FR 3660 SPECIFIED ROAD						
	TOTAL						\$ 1,400.00
	FR 3661						
	MP 0.00 - 0.94	R			D		
	Composite Road Construction	- ` `					
	Work includes clearing and						
	grubbing and to shape road to						
	crown or outslope to allow						
249 (02)	drainage.		DQ Mile	0.94		3000	\$ 2,820.00
, ,	Crushed Aggregate. Work						
	includes hauling and placing 20						
	CY (26 CY loose) of crushed						
	aggregate surfacing at						
301 (15)	intersection and radii.		CY DQ	20		20	\$ 400.00
	MP 0.54						
	Pit Run Aggregate. Work						
	includes hauling and placing 40						
	CY (52 CY loose) of pit run						
302 (10)	aggregate surfacing.		CY DQ	40		20	\$ 800.00
	MP 0.63						
	Work includes clearing and						
	grubbing to improve turn						
	around right. Widen radius right						
	and shape to allow for						
249 (03)	drainage.		LS LSQ	1		500	\$ 500.00
	Pit Run Aggregate. Work						
	includes hauling and placing 20						
	CY (26 CY loose) of pit run						
	aggregate surfacing at		a			_	
302 (10)	intersection and radii.		CY DQ	20		20	\$ 400.00
	MP 0.69						
000 (5 ::	Provide and install new 18" x						<b></b>
602 (01)	24' HDPE culvert.		LF AQ	24		28	\$ 672.00

<sup>&</sup>lt;sup>1</sup>R = Reconstruction

<sup>&</sup>lt;sup>2</sup>Method of Measure

 $<sup>^{3}</sup>$ W = Winter, D = Dry Summer, S = Summer

					Road		
Item		C or	Unit & M		Std.	Unit	Estimated
Number	Item Description & Milepost	$R^1$	of M <sup>2</sup>	Quantity	$(W,D,S)^3$	Allowance	Allowance
	Pit Run Aggregate. Work includes hauling and placing 20						
	CYD (26 CY loose) of pit run						
302 (10)	aggregate surfacing over pipe		CY DQ	20		20	\$ 400.00
	MP 0.79-0.81						
602 (01)	Provide and install new 18" x 24' HDPE culvert at MP 0.80.		LF AQ	24		20	¢ 672.00
602 (01)	Clear culvert inlet at MP 0.80 to		LF AQ	24		28	\$ 672.00
249 (03)	allow drainage.		LS LSQ	1		100	\$ 100.00
, ,	Pit Run Aggregate. Work						,
	includes hauling and placing 40						
302 (10)	CY (52 CY loose) of pit run aggregate surfacing over pipe.		CY DQ	40		20	\$ 800.00
302 (10)	MP 0.91		OI DQ	70			Ψ 000.00
	Work includes clearing and						
	grubbing to improve turn						
240 (02)	around left. Shape outslope to		LS LSQ	1		300	\$ 300.00
249 (03)	allow for drainage.		LS LSQ	<u> </u>		300	φ 300.00
	Pit Run Aggregate. Work includes hauling and placing 20						
	CY (26 CY loose) of pit run						
000 (40)	aggregate surfacing at		0)/ 00	00		00	400.00
302 (10)	intersection and radii. FR 3661 SPECIFIED ROAD		CY DQ	20		20	\$ 400.00
	TOTAL						\$ 8,264.00
							,
	FR 3661-B						
	MP 0.00 - 0.03	R			D		
	Composite Road Construction						
	Work includes clearing and						
	grubbing and to shape road to						
249 (02)	crown or outslope to allow drainage.		LS LSQ	1		300	\$ 300.00
_ 10 (02)	Pit Run Aggregate. Work			<u>'</u>			ψ 000.00
	includes hauling and placing 20						
	CY (26 CY loose) of pit run						
302 (10)	aggregate surfacing at intersection and radii.		CY DQ	20		20	\$ 400.00
(13)	FR 3661-B SPECIFIED ROAD						
	TOTAL						\$ 700.00
B	•						

<sup>&</sup>lt;sup>1</sup>R = Reconstruction

<sup>&</sup>lt;sup>2</sup>Method of Measure

 $<sup>^{3}</sup>$ W = Winter, D = Dry Summer, S = Summer

	I				Б.		I	
					Road			
Item		C or	Unit & M		Std.	Unit		Estimated
Number	Item Description & Milepost	R <sup>1</sup>	of M <sup>2</sup>	Quantity	$(W,D,S)^3$	Allowance		Allowance
	FR 3661-E							
	MP 0.00-0.45	R			D			
	Composite Road Construction							
	Work includes clearing and							
	grubbing and to shape road to							
	crown or outslope to allow							
249 (02)	drainage.		DQ Mile	0.45		3000	\$	1,350.00
210 (02)	MP 0.45		DQ IVIIIO	0.10		0000	Ψ	1,000.00
	Work includes clearing and							
	grubbing to improve T-turn.							
	Shape outslopes to allow for							
340 (03)	drainage.		LS LSQ	1		300	Ф	300.00
249 (03)	Pit Run Aggregate. Work		LO LOQ	ı		300	Ψ	300.00
	includes hauling and placing 40							
	CY (52 CY loose) of pit run							
000 (40)	aggregate surfacing at		01/ 00	40		00	_	000.00
302 (10)	intersection and radii.		CY DQ	40		20	\$	800.00
	FR 3661-E SPECIFIED ROAD						_	0.450.00
	TOTAL						\$	2,450.00
	FR 3718							
	MP 0.00 - 0.31	R			D			
	Composite Road Construction							
	Work includes clearing and							
	grubbing and to shape road to							
	crown or outslope to allow							
249 (02)	drainage.		DQ Mile	0.31		3000	\$	930.00
	MP 0.00							
	Provide and install new 18" x							
602 (01)	44' HDPE culvert.		LF AQ	44		28	\$	1,232.00
	Crushed Aggregate. Work							
	includes ahuling and placing 20							
	CY (26 CY Loose) of crushed							
301 (15)	aggregate over pipe.		CY DQ	20		20	\$	400.00
` '	MP 0.28							
	Work includes clearing and							
	grubbing to construct turn							
	around left. Shape outslope to							
249 (03)	allow for drainage.		LS LSQ	1		300	\$	300.00
( /	Pit Run Aggregate. Work						Ė	
	includes hauling and placing 20							
	CY (26 CY loose) of pit run							
	aggregate surfacing at							
302 (10)	intersection and radii.		CY DQ	20		20	\$	400.00
332 (13)	FR 3718 SPECIFIED ROAD		<u> </u>				Ť	.00.00
	TOTAL						\$	3,262.00
							Ť	-,
L	1			I			<b>.</b>	

<sup>&</sup>lt;sup>1</sup>R = Reconstruction

<sup>&</sup>lt;sup>2</sup>Method of Measure

 $<sup>^{3}</sup>$ W = Winter, D = Dry Summer, S = Summer

						Road			
Itama		C or	Unit	& M		Std.	l lmit		Cationatad
Item Number	Itom Description & Milenest	R <sup>1</sup>	of I		Quantity	(W,D,S) <sup>3</sup>	Unit Allowance		Estimated Allowance
Number	Item Description & Milepost	K	011	VI	Quantity	(۷۷,۵,۵)	Allowance		Allowance
	FR 3722								
	MP 0.00 - 1.66	R				D			
	Composite Road Construction								
	Work includes clearing and								
	grubbing and to shape road to crown or outslope to allow								
249 (02)	•		DQI	مانا/	1.66		3000	¢	4,980.00
243 (02)	MP 0.00		ושט	VIIIC	1.00		3000	Ψ	4,900.00
	Provide and install new 18" x								
602 (01)	44' HDPE culvert.		LF	AQ	44		28	\$	1,232.00
002 (01)	Crushed Gravel Aggregate.			710				Ψ	1,202.00
	Work includes hauling and								
	placing 20 CY (26 CY Loose)								
	of crushed gravel aggregate								
301 (15)	over pipe.		CY	DQ	20		20	\$	400.00
	MP 0.12								
	Provide and install new 24" x								
602 (01)	30' HDPE culvert.		LF	AQ	30		40	\$	1,200.00
	Pit Run Aggregate. Work								
	includes hauling and placing 20								
	CY (26 CY loose) of pit run								
302 (10)	aggregate surfacing over pipe.		CY	DQ	20		20	\$	400.00
	MP 0.12 - 0.18								
040 (00)	Construct ditch left and right				_		4000	φ.	4 000 00
249 (03)	from MP 0.12 to MP 0.18. MP 0.28		LS	LSQ	1		1200	Ъ	1,200.00
	Pit Run Aggregate. Work								
	includes hauling and placing 20								
202 (40)	CY (26 CY Loose) of pit run		CV	$\Box$	20		20	φ.	400.00
302 (10)	aggregate surfacing		CY	DQ	20		20	Ф	400.00
	MP 0.34								
	Provide and install new 18" x								
602 (01)	24' HDPE culvert.		LF	AQ	24		28	\$	672.00
	Pit Run Aggregate. Work								
	includes hauling and placing 20								
	CY (26 CY loose) of pit run								
302 (10)	aggregate surfacing over pipe.		CY	DQ	20		20	\$	400.00
	MP 0.34 - 0.38								
	Construct ditch left from MP								
249 (03)	0.34 to MP 0.38.		LS	LSQ	1		400	\$	400.00
- (55)	MP 0.41			- ~				Ť	
	Pit Run Aggregate. Work								
	includes hauling and placing 40								
	CY (52 CY Loose) of pit run								
302 (10)	aggregate surfacing		CY	DQ	40		20	\$	800.00
( )	<u>.</u> <u>.</u>							_ ~	555.56

<sup>&</sup>lt;sup>1</sup>R = Reconstruction

<sup>&</sup>lt;sup>2</sup>Method of Measure

 $<sup>^{3}</sup>$ W = Winter, D = Dry Summer, S = Summer

					Road		
Item		C or	Unit & M		Std.	Unit	Estimated
Number	Item Description & Milepost	R <sup>1</sup>	of M <sup>2</sup>	Quantity	(W,D,S) <sup>3</sup>	Allowance	Allowance
	MP 0.47						
302 (10)	Pit Run Aggregate. Work includes hauling and placing 20 CY (26 CY Loose) of pit run aggregate surfacing		CY DQ	20		20	\$ 400.00
	MP 0.50						
249 (03)	Work includes clearing and grubbing to construct turn around right. Shape outslope to allow for drainage.		LS LSQ	1		500	\$ 500.00
302 (10)	Pit Run Aggregate. Work includes hauling and placing 20 CY (26 CY loose) of pit run aggregate surfacing at intersection and radii.		CY DQ	20		20	\$ 400.00
(10)	MP 0.52						,,,,,,,
302 (10)	Pit Run Aggregate. Work includes hauling and placing 20 CY (26 CY Loose) of pit run aggregate surfacing		CY DQ	20		20	\$ 400.00
	MP 0.55						
302 (10)	Pit Run Aggregate. Work includes hauling and placing 40 CY (52 CY Loose) of pit run aggregate surfacing  MP 0.83 - 0.85		CY DQ	40		20	\$ 800.00
249 (03)	Construct ditch left from MP 0.83 to MP 0.85.		LS LSQ	1		200	\$ 200.00
302 (10)	MP 0.97  Pit Run Aggregate. Work includes hauling and placing 40 CY (52 CY Loose) of pit run aggregate surfacing		CY DQ	40		20	\$ 800.00
` '	MP 1.00						
302 (10)	Pit Run Aggregate. Work includes hauling and placing 40 CY (52 CY Loose) of pit run aggregate surfacing		CY DQ	40		20	\$ 800.00
	MP 1.63						
249 (03)	Work includes clearing and grubbing to improve existing turn around left. Shape to outslope to allow for drainage.		LS LSQ	1		300	\$ 300.00

<sup>&</sup>lt;sup>1</sup>R = Reconstruction

<sup>&</sup>lt;sup>2</sup>Method of Measure

 $<sup>^{3}</sup>$ W = Winter, D = Dry Summer, S = Summer

	I				Dand		l	
		Cor	Unit & M		Road Std.			
Item	Itana Danasintian O Milanast	C or R <sup>1</sup>		0		Unit		Estimated
Number	Item Description & Milepost	K	of M <sup>2</sup>	Quantity	(W,D,S) <sup>3</sup>	Allowance		Allowance
	Pit Run Aggregate. Work includes hauling and placing 20 CY (26 CY loose) of pit run aggregate surfacing at							
302 (10)	intersection and radii.		CY DQ	20		20	\$	400.00
` '	FR 3722 SPECIFIED ROAD							
	TOTAL						\$	17,084.00
	FR 3722-B							
	MP 0.00 - 0.03	R			D			
249 (02)	Composite Road Construction Work includes clearing and grubbing and to shape road to crown or outslope to allow drainage.		LS LSQ	1		300	\$	300.00
302 (10)	Pit Run Aggregate. Work includes hauling and placing 20 CY (26 CY loose) of pit run aggregate surfacing at intersection and radii.		CY DQ	20		20	\$	400.00
	FR 3722-B SPECIFIED ROAD TOTAL						\$	700.00
	FR 3722-D	R			D			
	MP 0.00 - 0.03							
249 (02)	Composite Road Construction Work includes clearing and grubbing and to shape road to crown or outslope to allow drainage.		LS LSQ	1		300	\$	300.00
302 (10)	Pit Run Aggregate. Work includes hauling and placing 20 CY (26 CY loose) of pit run aggregate surfacing at intersection and radii.		CY DQ	20		20	\$	400.00
302 (10)	FR 3722-D SPECIFIED ROAD		OI DQ	20		20		
	TOTAL						\$	700.00
	Grand Total Northern Pike PR Timber Sale							0.4 = 0.0
	Schedule of Items						\$	34,560.00

<sup>&</sup>lt;sup>1</sup>R = Reconstruction

<sup>&</sup>lt;sup>2</sup>Method of Measure

 $<sup>^{3}</sup>$ W = Winter, D = Dry Summer, S = Summer

## **Northern Pike PR Timber Sale**

#### **SPECIFIED ROAD NOTES**

NOTE: All finished roadbeds shall be 12' as shown in the typical details for crowned roads with ditches.

Reconstruction roads have areas that need shaping and shall be built to minimize soil

disturbance. When working in locations with suitable existing vegetation or stability, shaping

may have to be reduced to retain soil/surface conditions.

NOTE: In the narrative compacted and loose volumes are noted with loose volumes in parenthesis

NOTE: There may be underground utility lines in unknown locations on this project. Call MISS DIG

THREE full working days before any work begins. Phone 1-800-482-7171

NOTE: There is 100 CY of crushed aggregate surfacing material required. This volume plus the normal

compaction factor of 130% for crushed aggregate surfacing computes to a loose volume of 130 CY. This material may be taken from the Six Mile Pit which is located at T46N, R37W, Section

1, or from a Purchaser provided and Forest Service approved, outside source. Some pit

development may be required and is considered incidental to associated items.

NOTE: There is 560 CY of pit run borrow/surfacing material required. This volume plus the normal

compaction factor of 130% for pitrun surfacing computes to a loose volume of 728 CY. This material may be taken from the Six Mile Pit which is located at T46N, R37W, Section 1, or from a Purchaser provided and Forest Service approved, outside source. Some pit development may

be required and is considered incidental to associated items.

NOTE: During gravel hauling operations, "Trucks Hauling" signs shall be placed on the haul route, refer

to the Sale Area Map for Cautionary Sign placement. Hauling shall not commence until all signs

have been put in place as directed by the Forest Service.

NOTE: During clear and grub operations all slash resulting from Purchaser's operation shall be treated as

per CT 6.7#.

### Northern Pike PR MAINTENANCE PLAN

Road Number	Item Description & Milepost	Unit & M of M <sup>2</sup>	Quantity	Season of Use (W,D) <sup>3</sup>	Unit Allowance	Estimated Allowance
	Appraisal allowance for during haul pit run gravel, 140 CY (182 CY loose). Pit run gravel, from Six Mile Pit, is to be installed on any maintenance road, as directed by the Forest Service in accordance with specT 8130.	CY DQ	140		20	2800
	Grand Total Northern Pike PR Maintenance Plan					\$ 2,800.00

# **Northern Pike PR**

#### **MAINTENANCE ROAD NOTES**

NOTE: In the narrative compacted and loose volumes are noted with loose

volumes in parenthesis

NOTE: There may be underground utility lines in unknown locations on this

project. Call MISS DIG THREE full working days before any work begins. Phone

1-800-482-7171

NOTE: There is 140 CY of during haul pitrun borrow/surfacing material required for spot

surfacing of maintenance roadbeds. This volume plus the normal compaction factor of 130% for pitrun surfacing computes to a loose volume of 182 CY. This material may be taken from the Six Mile Pit which is located at T46N, R37W, Section 1. Some pit development may be required and is considered incidental to

associated items.

NOTE: During gravel hauling operations, "Trucks Hauling" signs shall be placed on the

haul route. See Sale Area Map for approximate sign locations and Traffic Control Plan for sign size and type. Hauling shall not commence until all signs have been

put in place as directed by the Forest Service.

## **TEMP ROAD COSTS**

						DATE:		3/21/202
Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance		Appraisal Allowance
HIGH SPE	ED SKID T	o Northern PU #2						
	0.0-0.02	Construct high speed skid trail from North PU #2 to South PU #2. MP 0.0 - 0.02. Shape trail to allow proper cross drainage.	D	LS	1	200	\$	200.00
		Total Link Speed Skid to Norther	DII #0				¢	200.00
		Total High Speed Skid to Norther	'n PU #2				\$	200.00
		Total High Speed Skid to Norther	'n PU #2				Φ	200.00
HIGH SPE	ED SKID T	o Northern PU #3	'n PU #2				•	200.00
HIGH SPE	EED SKID T	Construct high speed skid trail from North PU #3 to North PU #2. MP 0.0 - 0.03. Shape trail to allow	n PU #2	LS	1	300	\$	300.00
HIGH SPE		O Northern PU #3  Construct high speed skid trail from North PU #3 to North PU #2.		LS	1	300		

Prepared by: Alan Pekkala/Engineering Technician