Appendix F

Shared Use Assessment
Maintenance and/or Mitigation Tasks and Maps by road

Two separate evaluation guidelines are shown for arriving at a recommendation.

The following Shared Use Assessment sheets compile the observed information for each road as it relates to developed benchmarks. By comparing the observations with the benchmarks, risk factors are estimated.

For each assessment, there is a listing of observed maintenance and/or mitigation tasks all users can benefit from having accomplished.

Map Coding Guide:

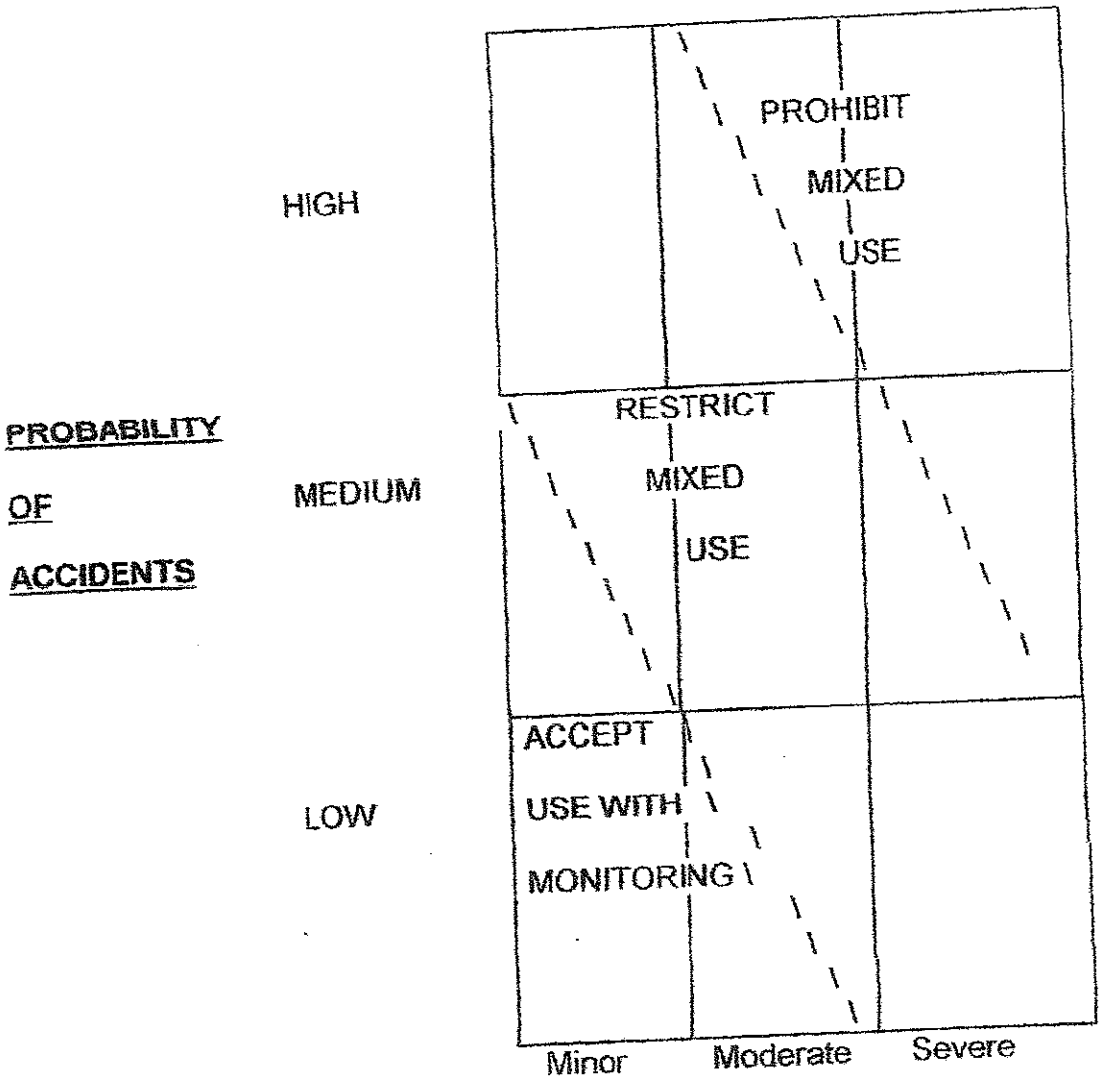
Map # 1 Vegetation Maintenance
- Red–Begin & End Mileposts
- Black–Traffic Count Station
- Green–SDC, RBE, & Snag
- Purple–Intersections

Map #2 Potential Signing
- Red–Begin & End Mileposts
- Black–Traffic Count Stations
- Purple–Intersections
- Red–Regulatory Sign
- Black–Warning Sign

FSH 7709.59

52.2 - Exhibit 01

GUIDELINE FOR MANAGEMENT OF MIXED USE



Evaluation and Mitigation of Crash Risk – WO Draft 8/23/05

The need and magnitude of mitigation recommended in order to designate a road as open for motorized mixed use varies depending on the risk related to probability and severity of crashes. The engineer may determine that the entire road or segment being evaluated is consistent and make recommendations for the entire road. On the other hand, the engineer may determine that one or more segments of the road has significantly higher or lower risk and therefore consider that segment separately.

Generally, no mitigation is necessary for low probability-low severity road segments, although some signing is often appropriate.

Generally, mitigation is necessary for high probability-high severity road segments.

Mitigation may be necessary for high probability=low severity road segments and for low probability-high severity road segments.

After completion of the analysis for probability and severity, determine alternatives and costs for managing the risk. The investment required to reduce the risk needs to be balance against the benefit of risk reduction.

Traffic Engineer Shared Use Assessment **Lassen National Forest** **Summer 2005**

Road Number 30N16 BCDT Segment Number 1 Length 6.56 Sheet 1 of 3

Maint. Level: Objective 3 Operational 3 Observed June–August 2005 2 Functional Class L Service Level B

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Count Sta ① 5.48			L
User Knowledge	Not Acquainte		Unknown		M	
Average Speed (MPH)	>40		15			L
Cross Section Changes	Changes		None Abrupt			L
Surface Type Changes	Changes		None			L
Curvature	Abrupt		Smooth *			L
Road Widths (Feet)	Variable		Uniform @ 15'			L

R4 uses <100 ↑

R8 uses <100

WO Did not list

R3 & R6 use 30

all Probability Assessed Ranking Low

Severity of an Accident	B		Summary 2005 Observations	Assessed Rankings		
	High			H	M	L
Average Speed (MPH)	>40		15			L
Clearance from Hazards	Little or none		Adequate *			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40%			L
Radical Speed Changes	Many	Few	Few			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

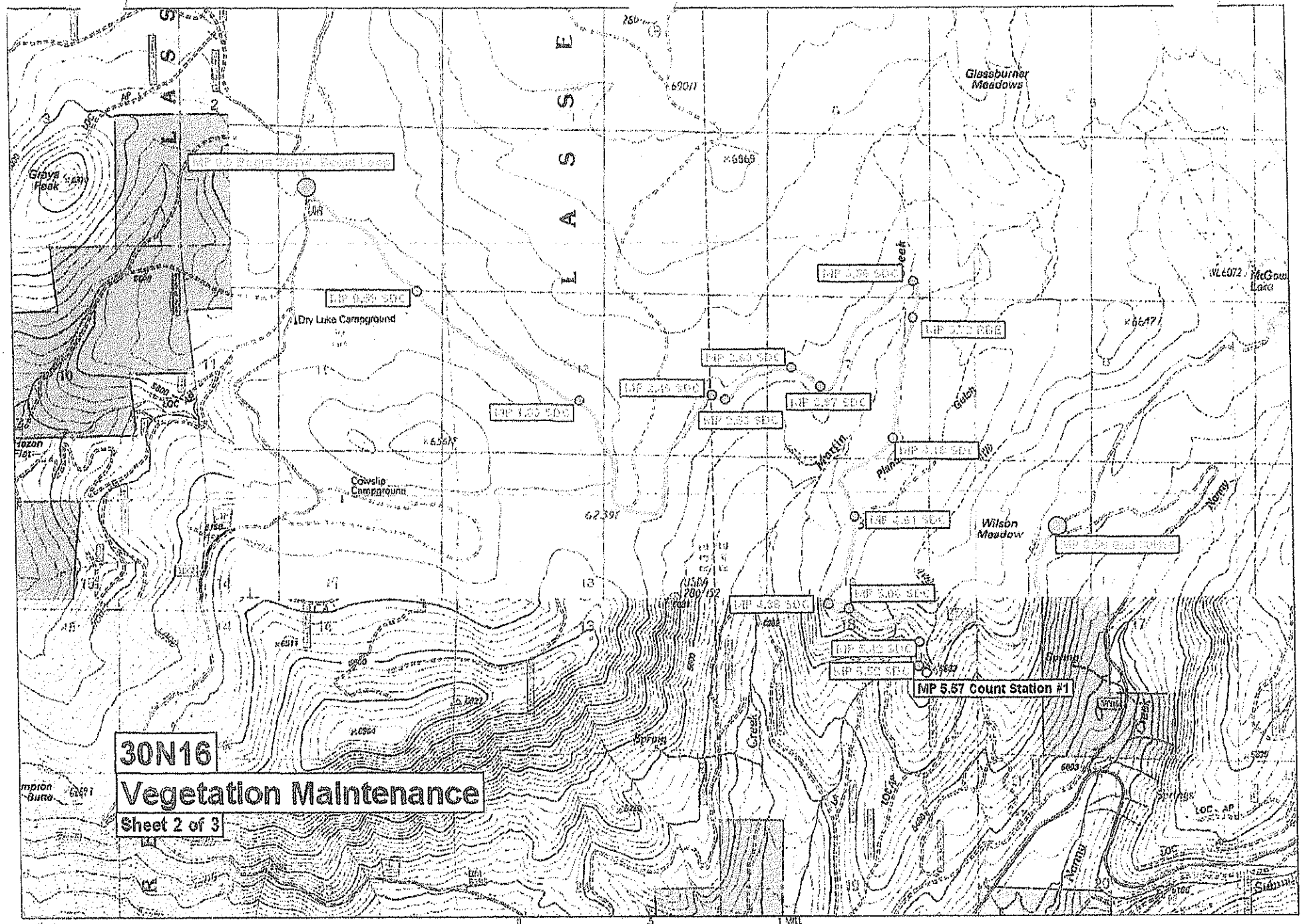
I chose the SAFER #

Overall Severity Assessed Ranking Low

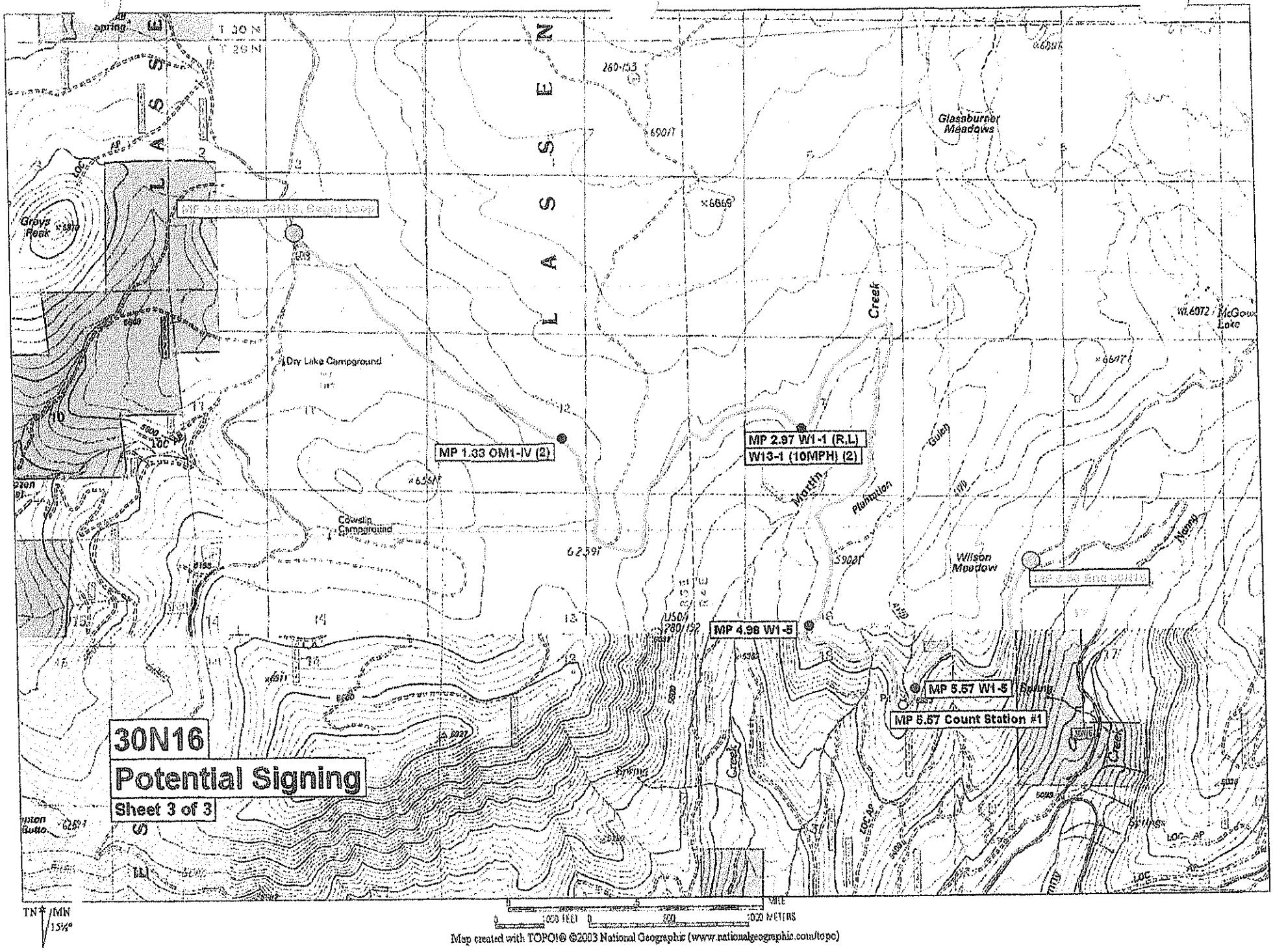
Season of Use June - November Surface Native % Street Legal 42 % Non-Street Legal 58

SHARED USE RECOMMENDATION YES
Yes or No

*Mitigation opportunities by milepost, or other pertinent information on following page(s).



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment **Lassen National Forest** **Summer 2005**

Road Number 29N22 BCDT Segment Number 1 Length 2.96 Sheet 1 of 3

Maint. Level: Objective 3 Operational 3 Observed June–August 2005 2 (Signed as Level 2) Functional Class L Service Level B

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Count Sta ① 5,48			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	15			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	None			L
Curvature	Abrupt	Smooth	Smooth			L
Road Widths (Feet)	Variable	Uniform	Uniform @ 15'			L

Overall Probability Assessed Ranking Low

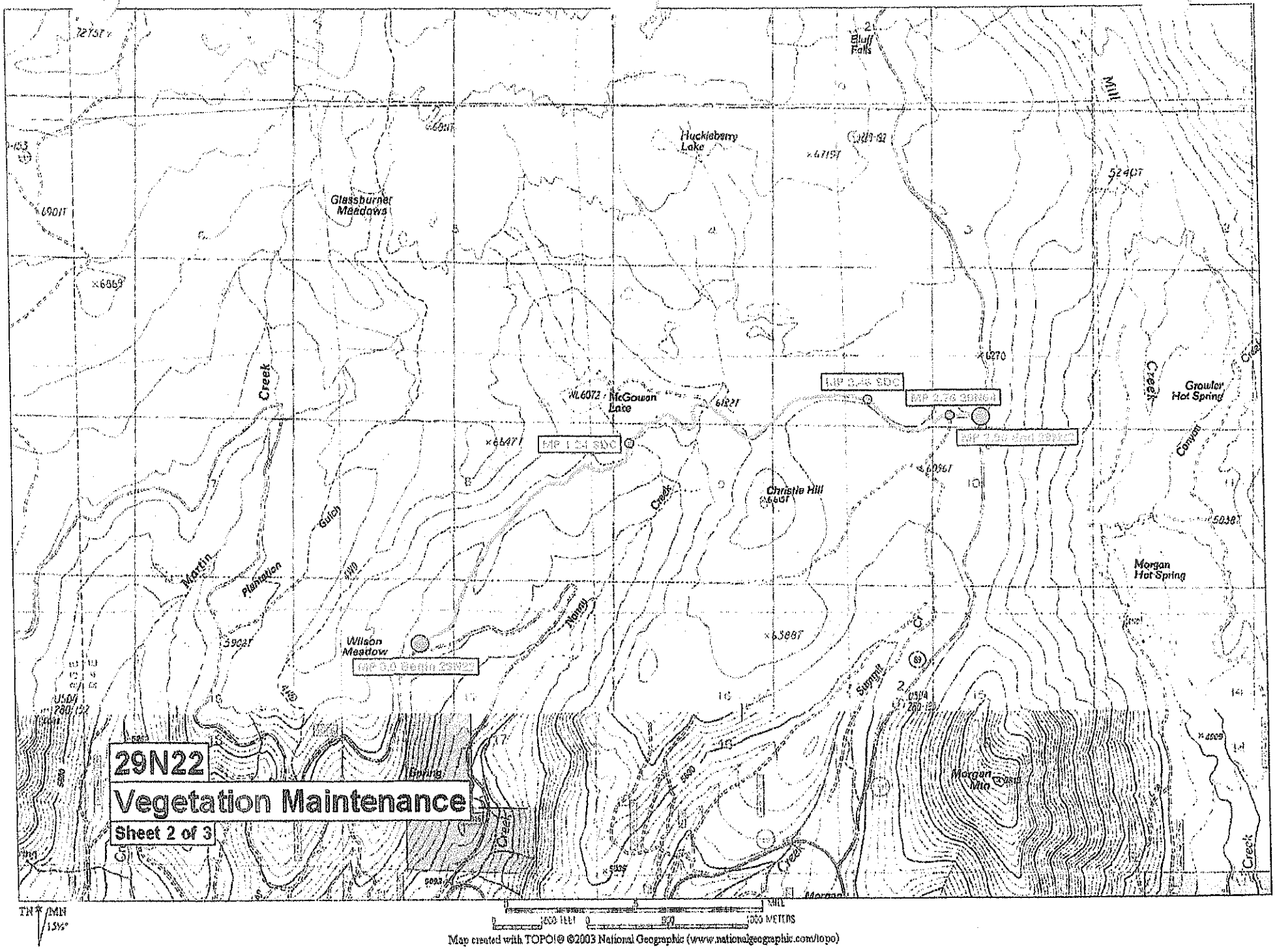
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	15			L
Clearance from Hazards	Little or none	Adequate	Adequate			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40%			L
Radical Speed Changes	Many	Few	Few			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

Overall Severity Assessed Ranking Low

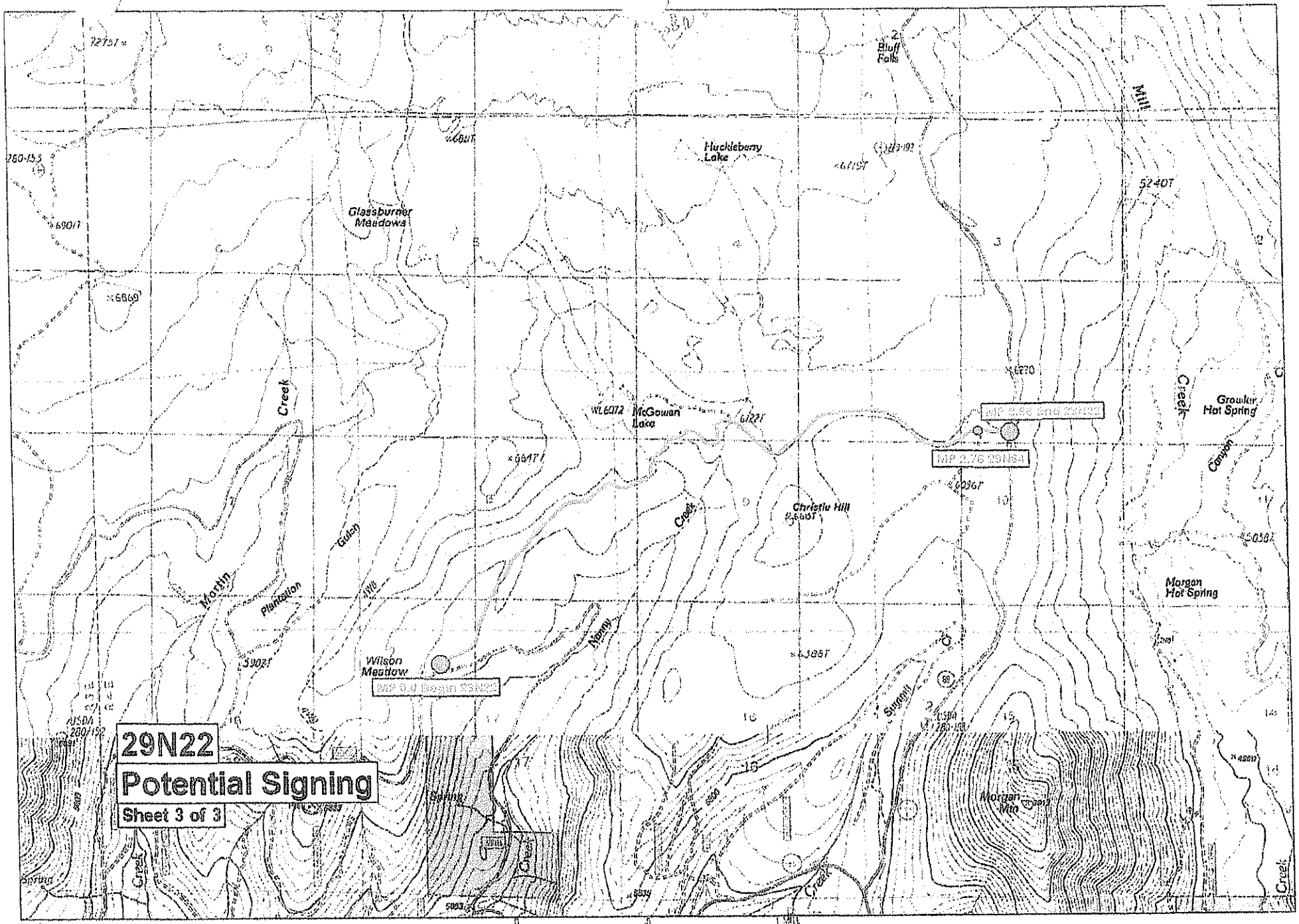
Season of Use June - November Surface Native % Street Legal 42 % Non-Street Legal 58

SHARED USE RECOMMENDATION YES
Yes or No

*Mitigation opportunities by milepost, or other pertinent information on following page(s).



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment ...ssen National Forest Summer 2005

Road Number 10 (32N10) BCDT Segment Number 13 Length 14.30 Sheet 1 of 7

Maint. Level: Objective 4 Operational 3 Observed June-August 2005 2 Functional Class C Service Level B

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Average 5/a (5,435) 16.14			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	20			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	None			L
Curvature	Abrupt	Smooth	Smooth *			L
Road Widths (Feet)	Variable	Uniform	Uniform @ 16'			L

Overall Probability Assessed Ranking Low

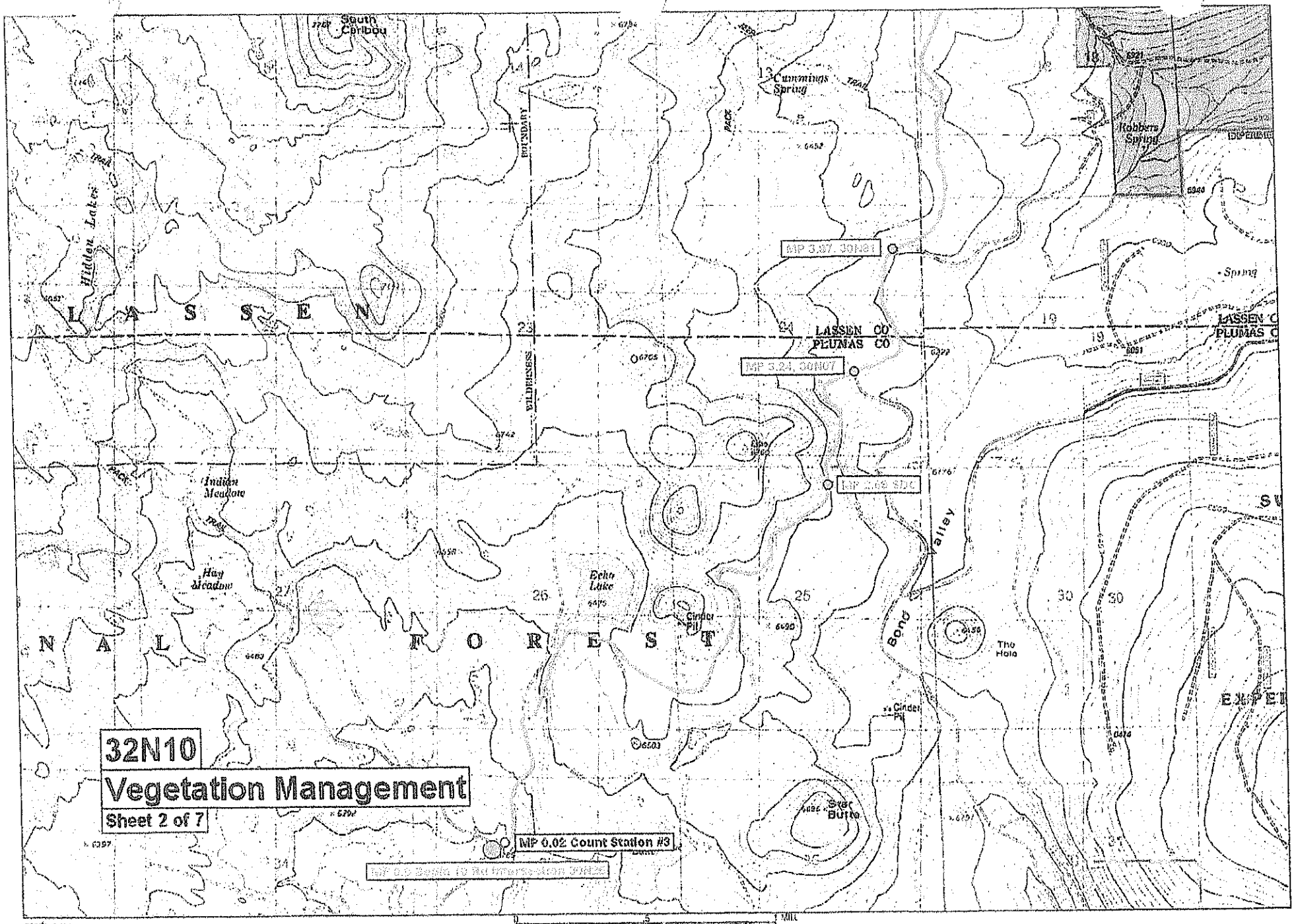
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	20			L
Clearance from Hazards	Little or none	Adequate	Adequate			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40%			L
Radical Speed Changes	Many	Few	Few			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

Overall Severity Assessed Ranking Low

Season of Use June - November Surface Cinders % Street Legal 88 % Non-Street Legal 12

SHARED USE RECOMMENDATION YES
Yes or No

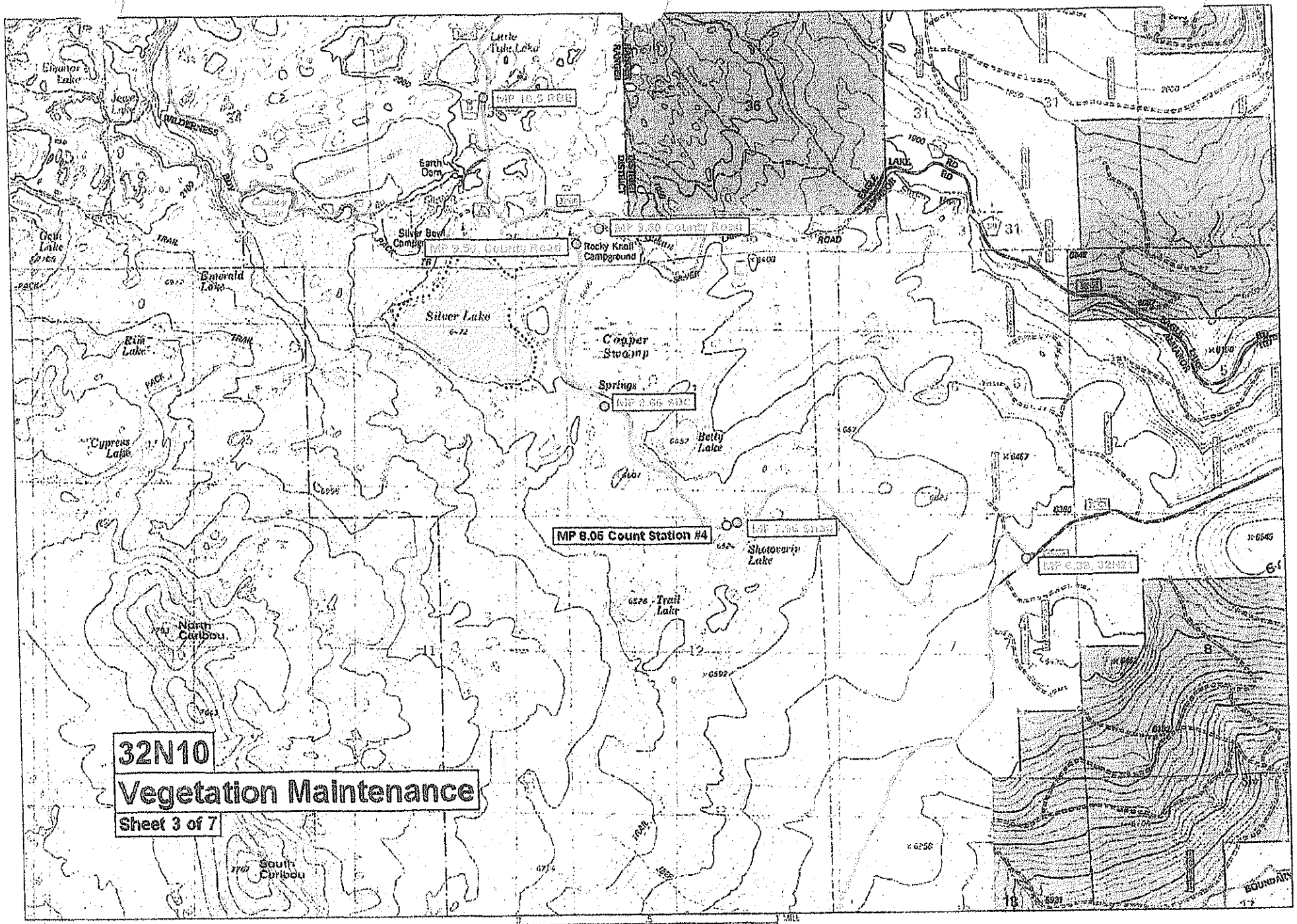
*Mitigation opportunities by milepost, or other pertinent information on following page(s).



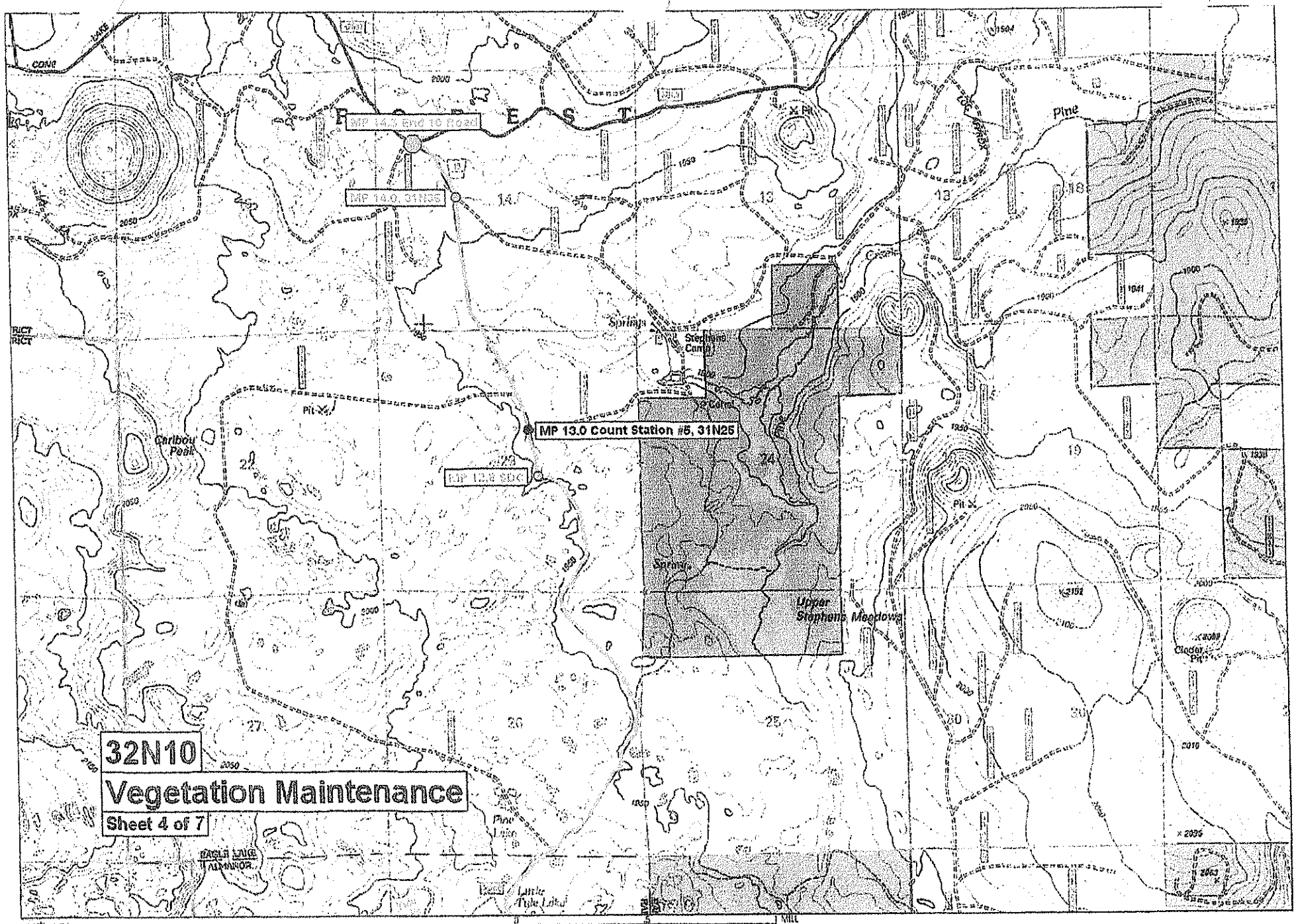
TN 15½° MN

1 MILE
1000 FEET 500 1000 METERS

Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

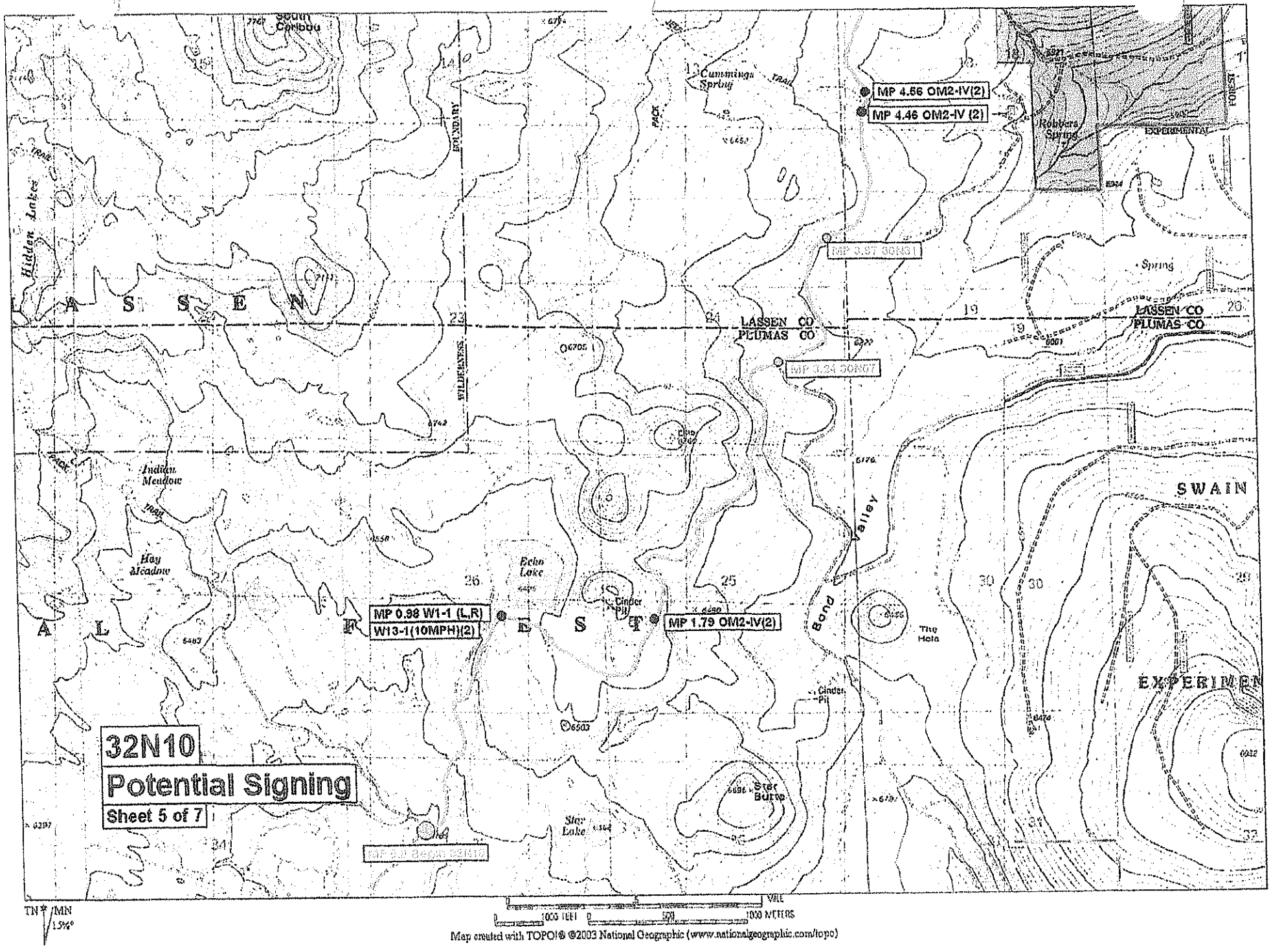


Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

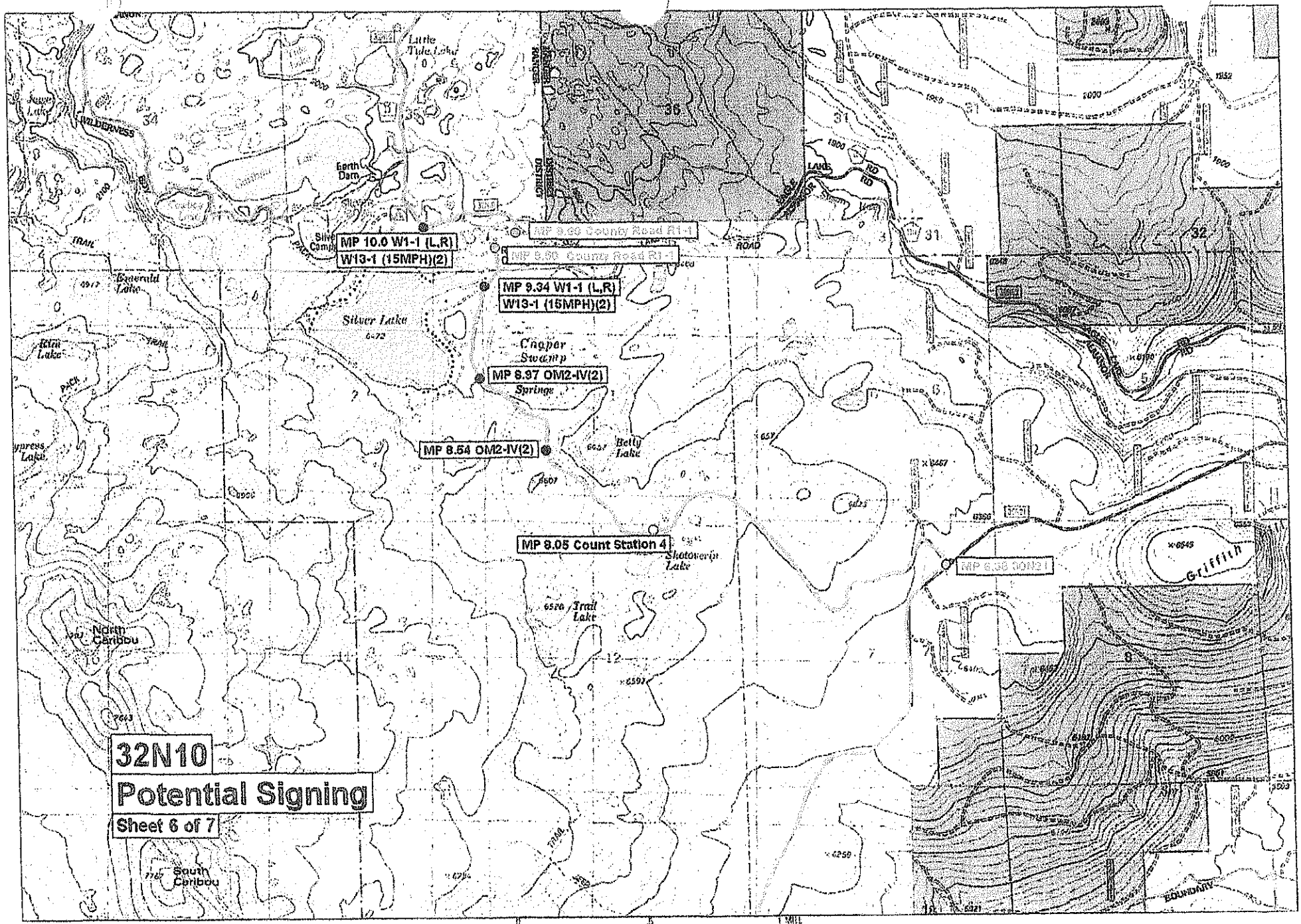


TN 15½°

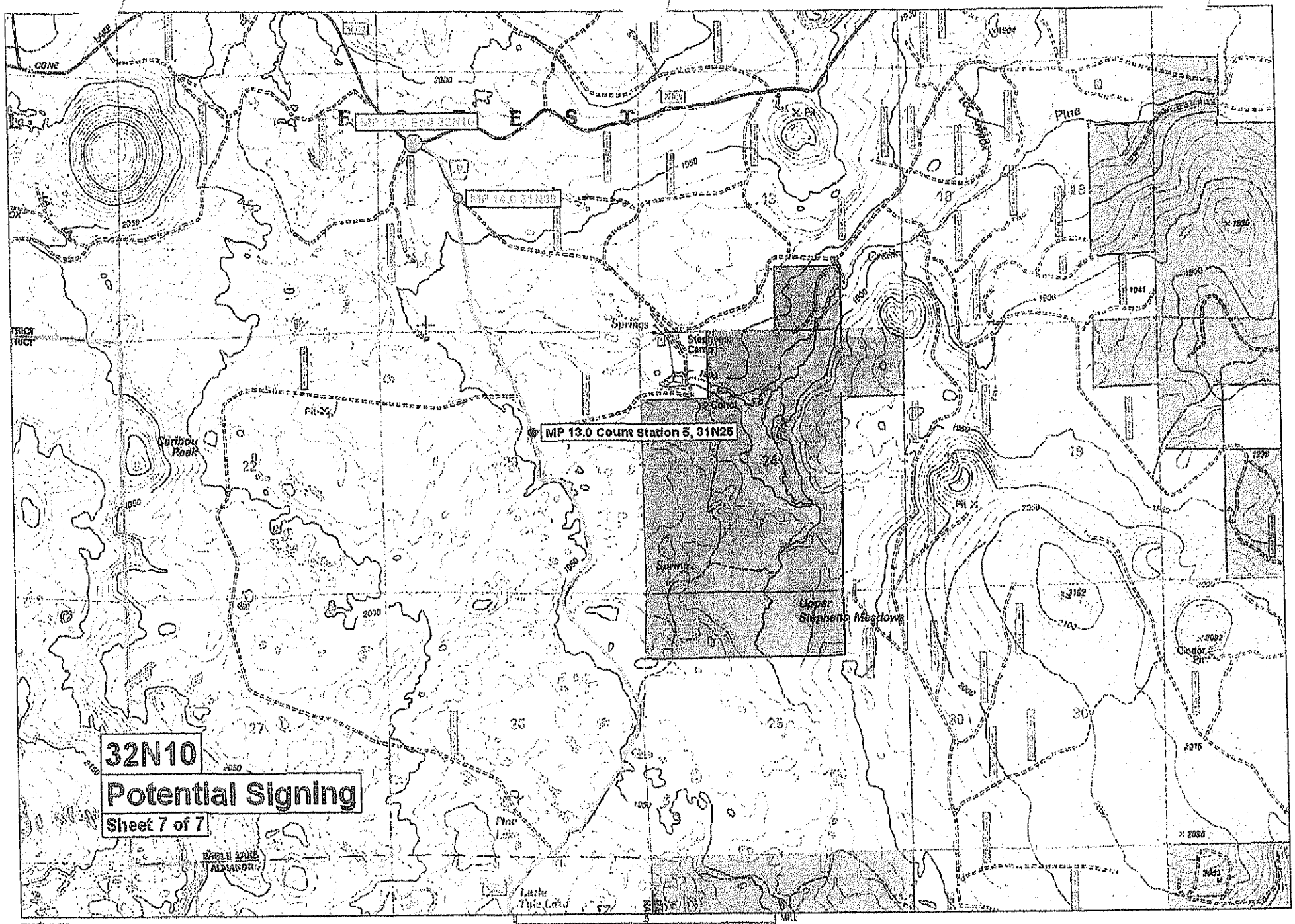
Map created with TOPO!© ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment **Lassen National Forest** **Summer 2005**

Road Number 32N09 BCDT Segment Number 14 Length 7.73 Sheet 1 of 5

Maint. Level: Objective 3 Operational 3 Observed June–August 2005 2 Functional Class C Service Level B

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Count Sta. 5, 11.19			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	20			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	None			L
Curvature	Abrupt	Smooth	Smooth *			L
Road Widths (Feet)	Variable	Uniform	Basically Uniform @ 15' *			L

Overall Probability Assessed Ranking Low

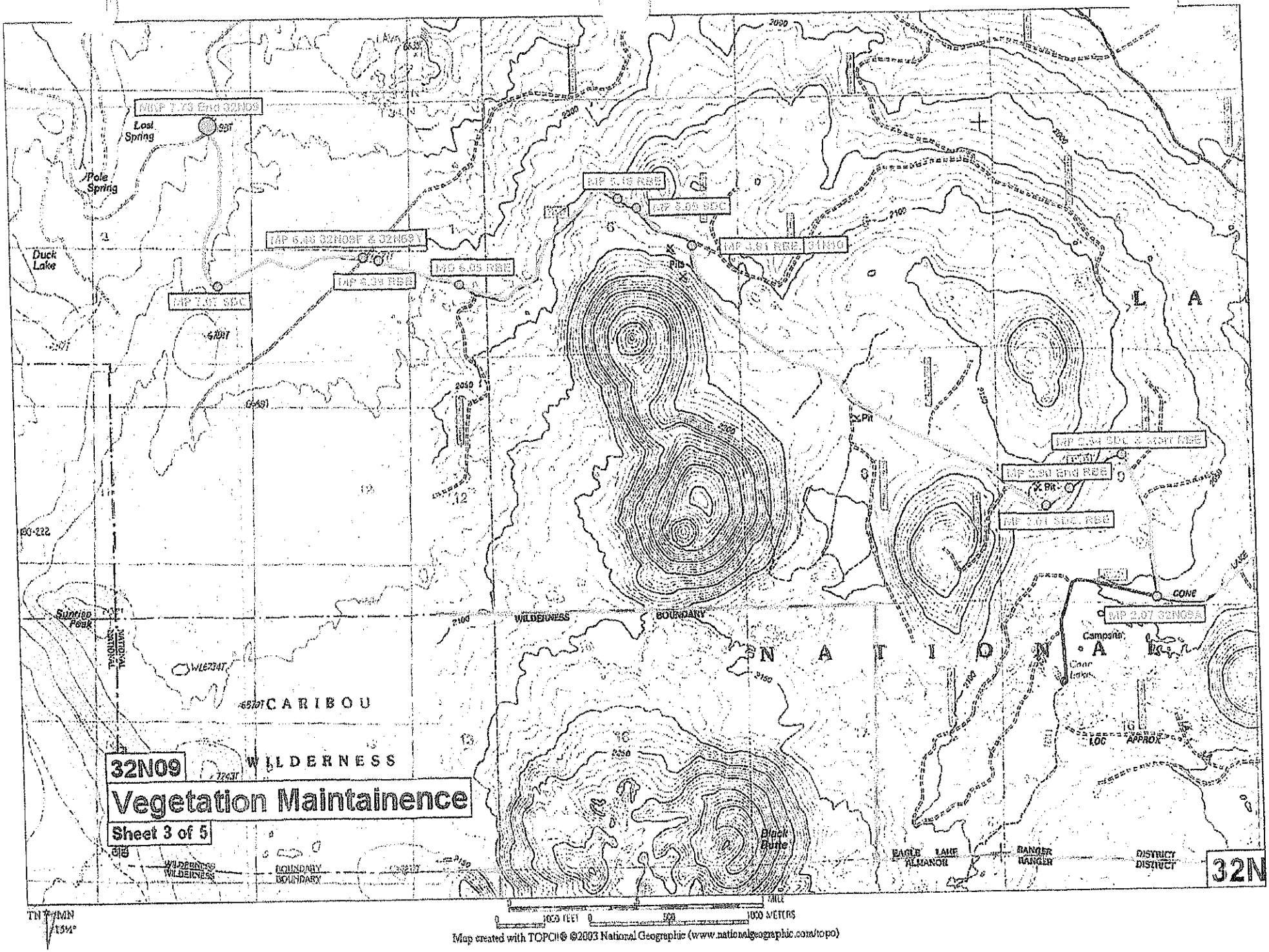
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	20			L
Clearance from Hazards	Little or none	Adequate	Adequate *			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40%			L
Radical Speed Changes	Many	Few	Few *			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

Overall Severity Assessed Ranking Low

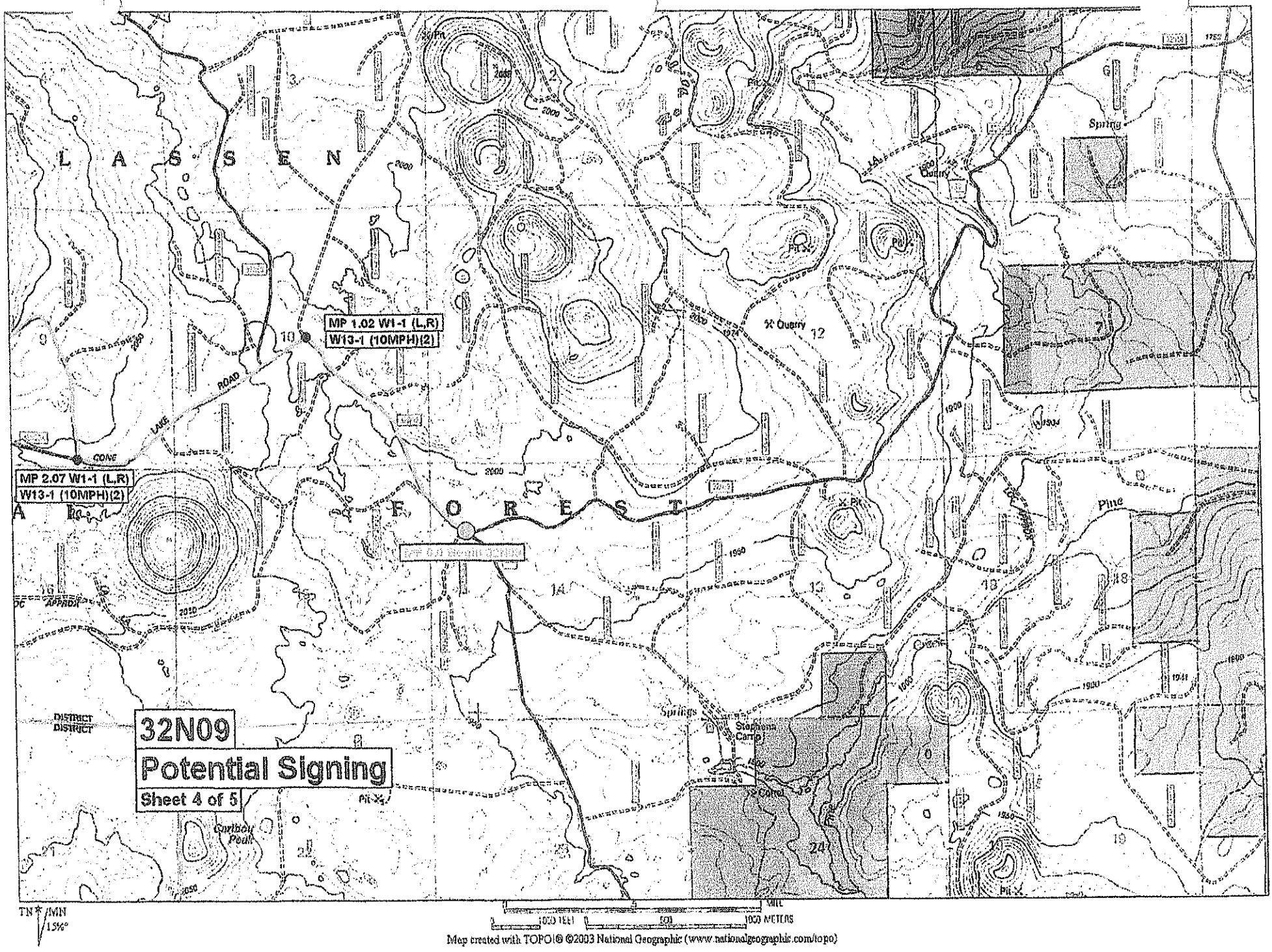
Season of Use June - November Surface Cinders % Street Legal 87 % Non-Street Legal 13

SHARED USE RECOMMENDATION Yes
Yes or No

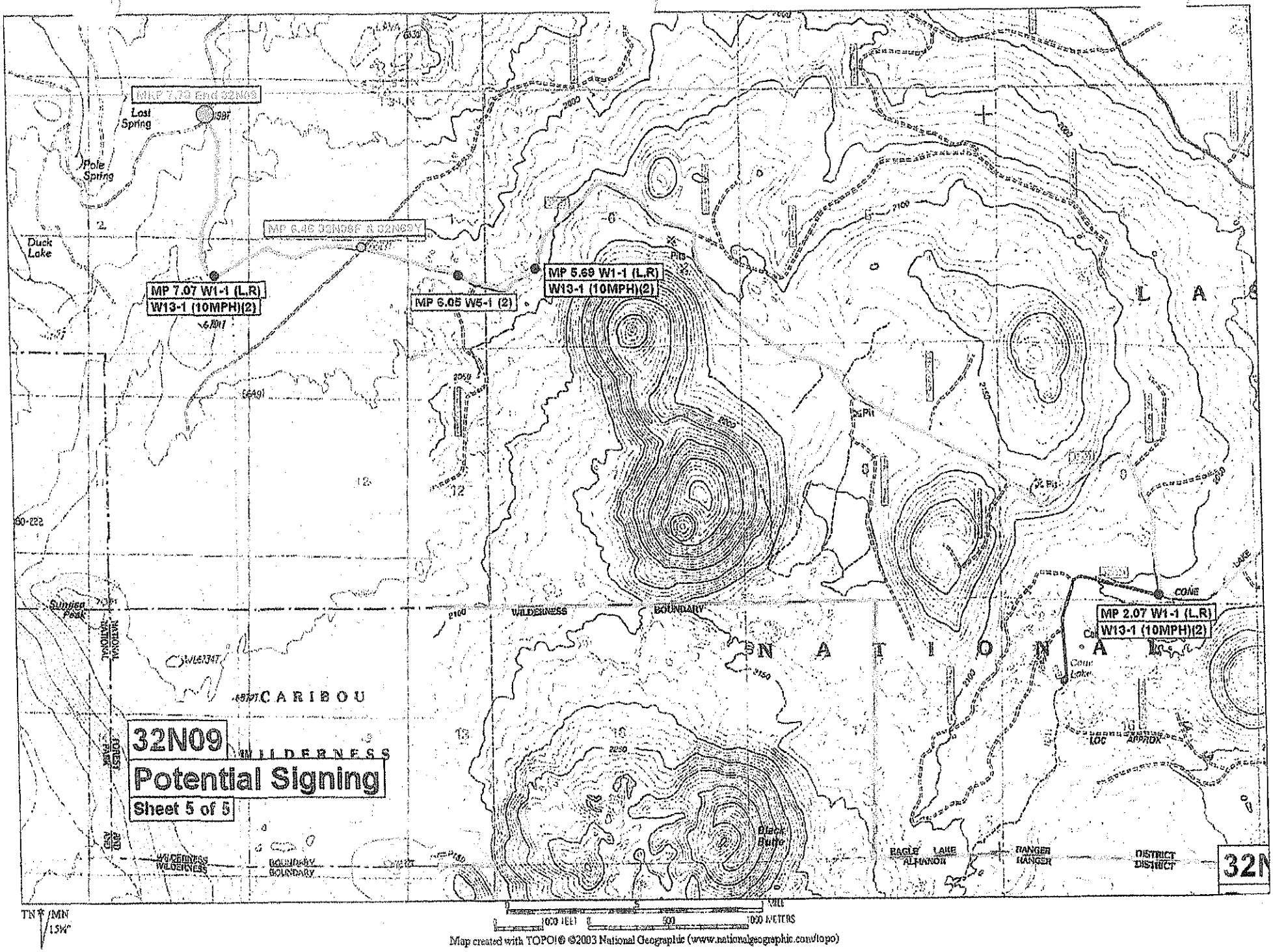
*Mitigation opportunities by milepost, or other pertinent information on following page(s).



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment ...ssen National Forest Summer 2005

Road Number 32N21 BCDT Segment Number 15 Length 0.36 Sheet 1 of 3

Maint. Level: Objective 3 Operational 3 Observed June–August 2005 3 Functional Class C Service Level B

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Butte Lake Rd No count Est +/- 30			L
User Knowl...	...cquainted	Well Acquainted	Unknown		M	
Average Sp...	Per LUNP	25 or less	20			L
Cross Secti...	ADT June - Aug ...ges	None Abrupt	None Abrupt			L
Surface Typ...	25 ...ges	No changes	None			L
Curvature	...t	Smooth	Smooth			L
Road Widths (feet)	...mble	Uniform	Uniform @ 24'			L

Overall Probability Assessed Ranking Low

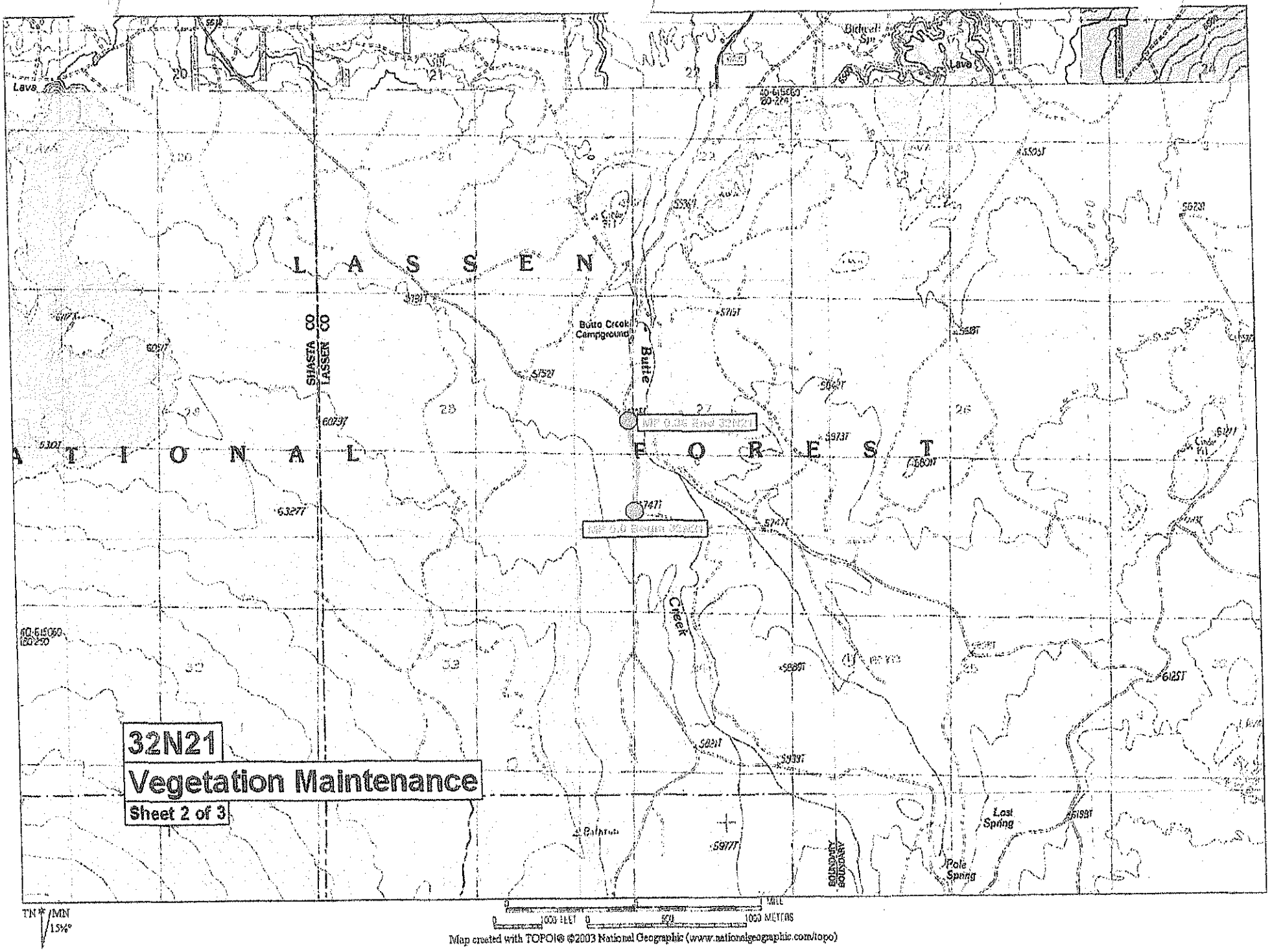
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	20			L
Clearance from Hazards	Little or none	Adequate	Adequate			L
Alignment & Sight Distance	Poor	Adequate	Adequate			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40%			L
Radical Speed Changes	Many	Few	Few (None)			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

Overall Severity Assessed Ranking Low

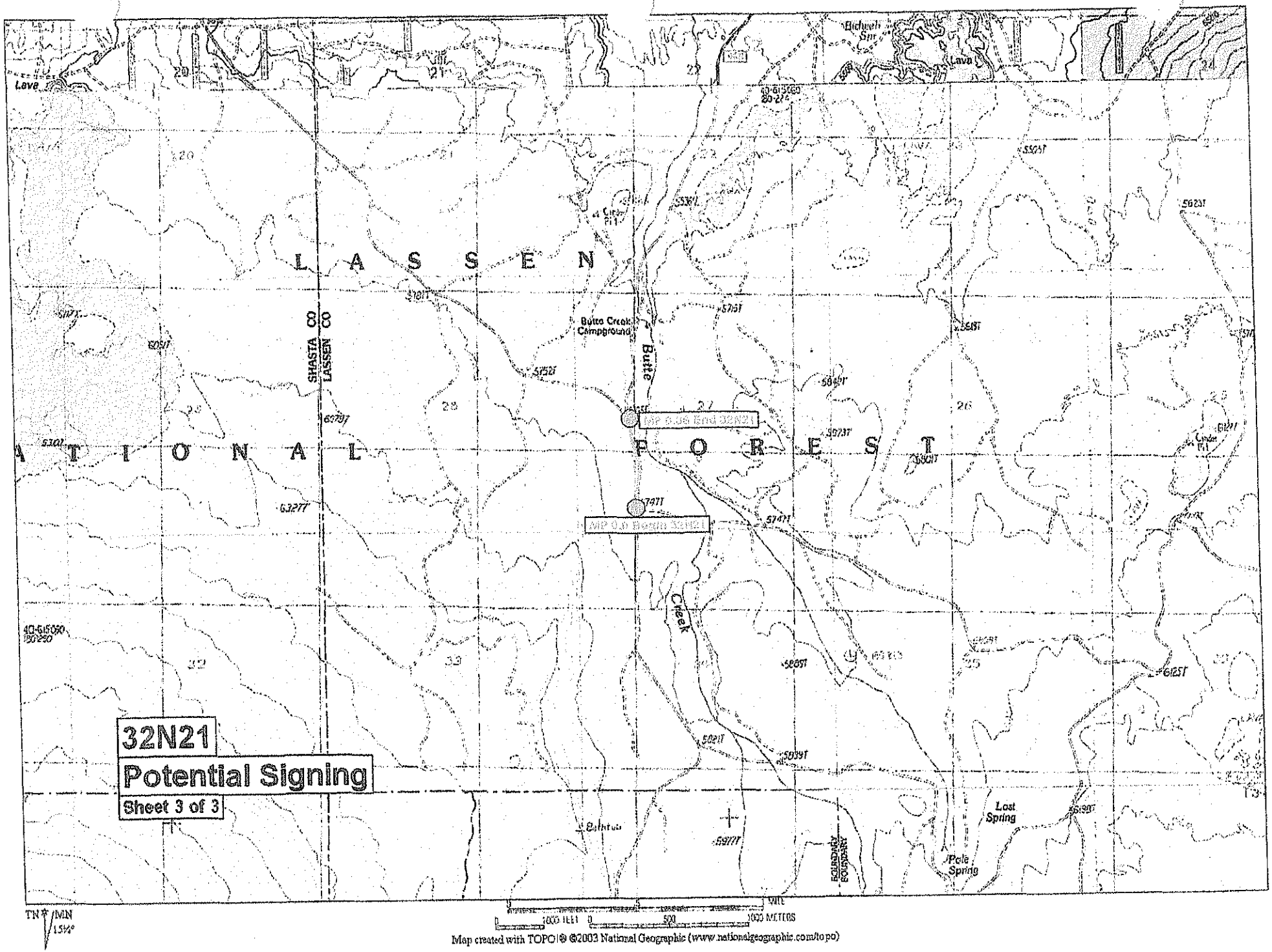
Season of Use May - November Surface Aggregate % Street Legal Est 95 % Non-Street Legal 5%

SHARED USE RECOMMENDATION YES (Yes or No)

*Mitigation opportunities by milepost, or other pertinent information on following page(s).



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment ssen National Forest **Summer 2005**

Road Number 32N12 BCDT Segment Number 19 Length 0.24 Sheet 1 of 3

Maint. Level: Objective 3 Operational 3 Observed June–August 2005 2 Functional Class L Service Level B

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Average Sta. (3+19) 16.17			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	10			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	None			L
Curvature	Abrupt	Smooth	Smooth *			L
Road Widths (Feet)	Variable	Uniform	Uniform @ 14. *			L

Overall Probability Assessed Ranking Low

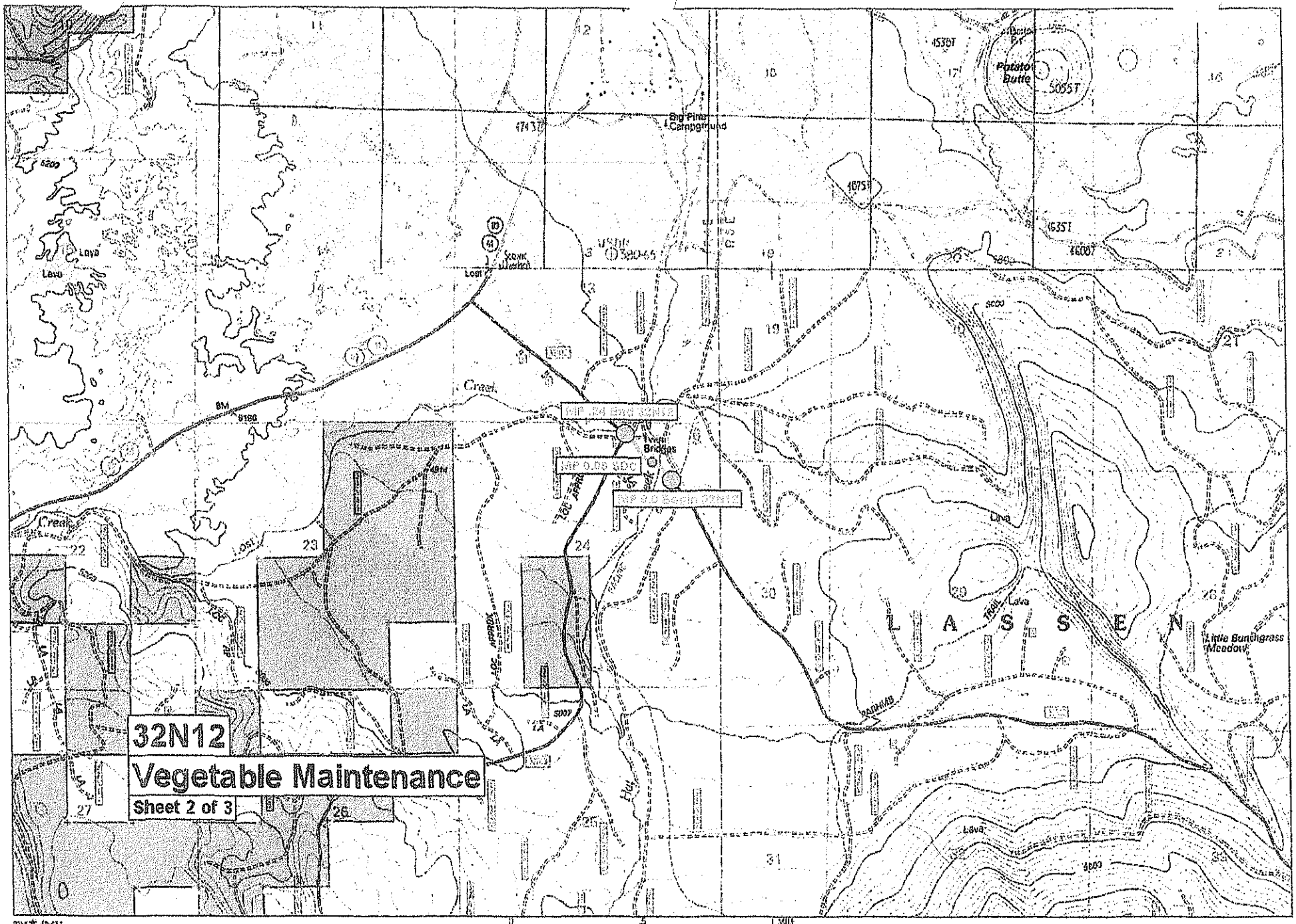
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	10			L
Clearance from Hazards	Little or none	Adequate	Adequate *			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40% (0-10)			L
Radical Speed Changes	Many	Few	Few (None)			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

Overall Severity Assessed Ranking Low

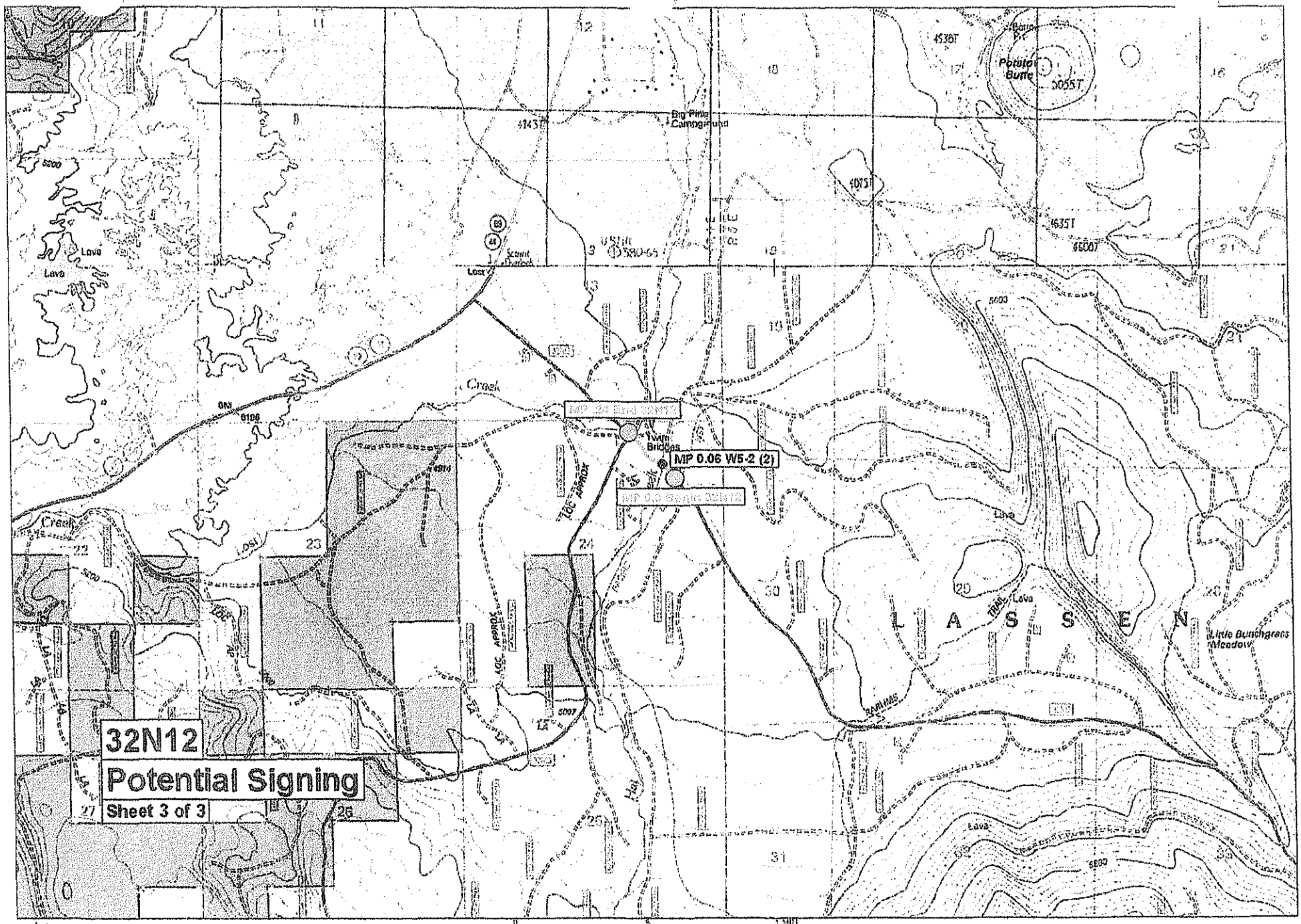
Season of Use May-November Surface Cinders % Street Legal 83 % Non-Street Legal 17

SHARED USE RECOMMENDATION YES
Yes or No

*Mitigation opportunities by milepost, or other pertinent information on following page(s).



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment **…sen National Forest** **Summer 2005**

Road Number 32N13 BCDT Segment Number 19 Length 7.49 Sheet 1 of 5

Maint. Level: Objective 2 Operational 3 Observed June–August 2005 2 [Signed as level 2] Functional Class L Service Level C

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Average 5th (8.9) 16.17			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	20			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	None			L
Curvature	Abrupt	Smooth	Smooth			L
Road Widths (Feet)	Variable	Uniform	Uniform @ 16' *			L

Overall Probability Assessed Ranking Low

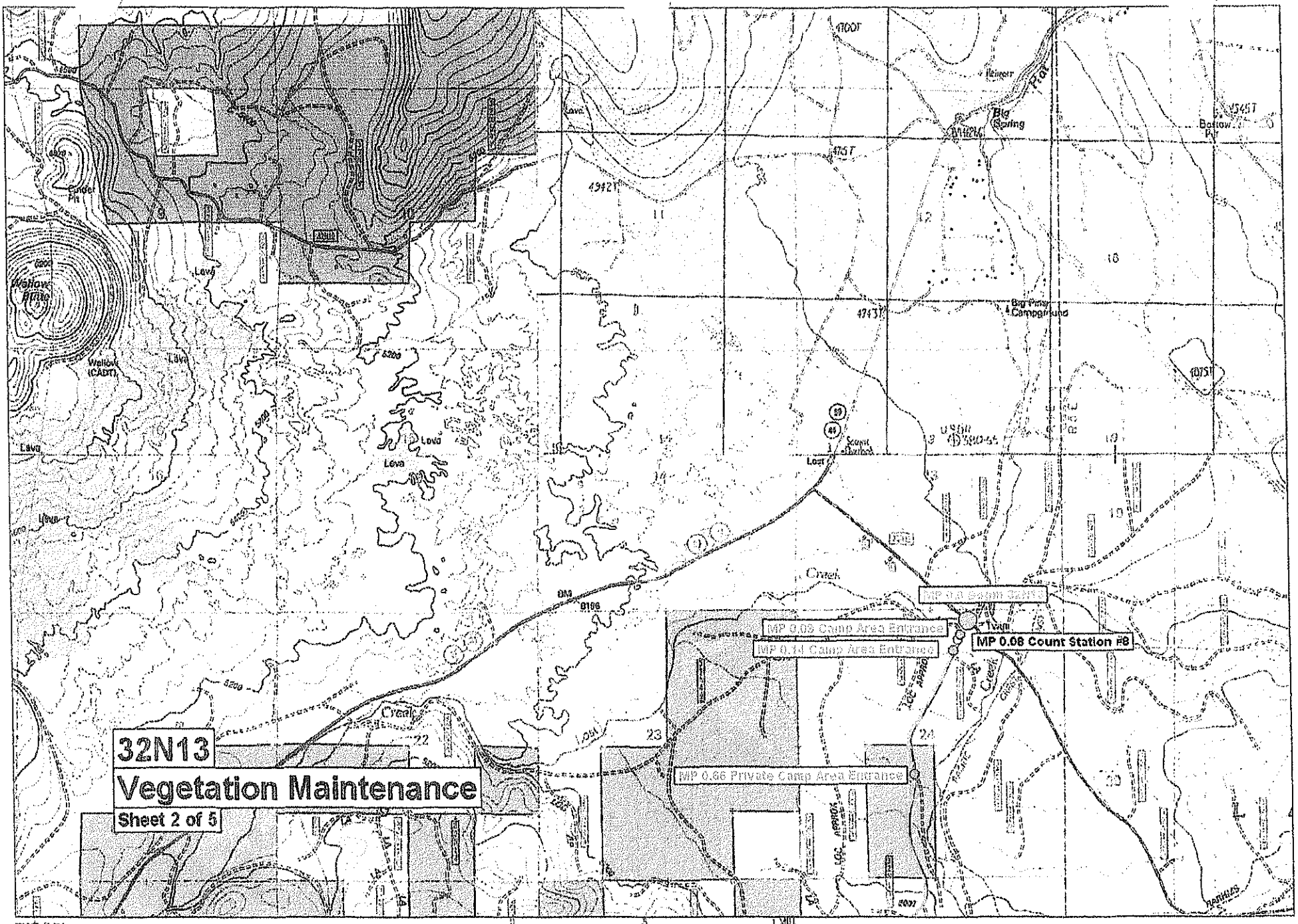
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	20			L
Clearance from Hazards	Little or none	Adequate	Adequate *			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40%			L
Radical Speed Changes	Many	Few	Few			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

Overall Severity Assessed Ranking Low

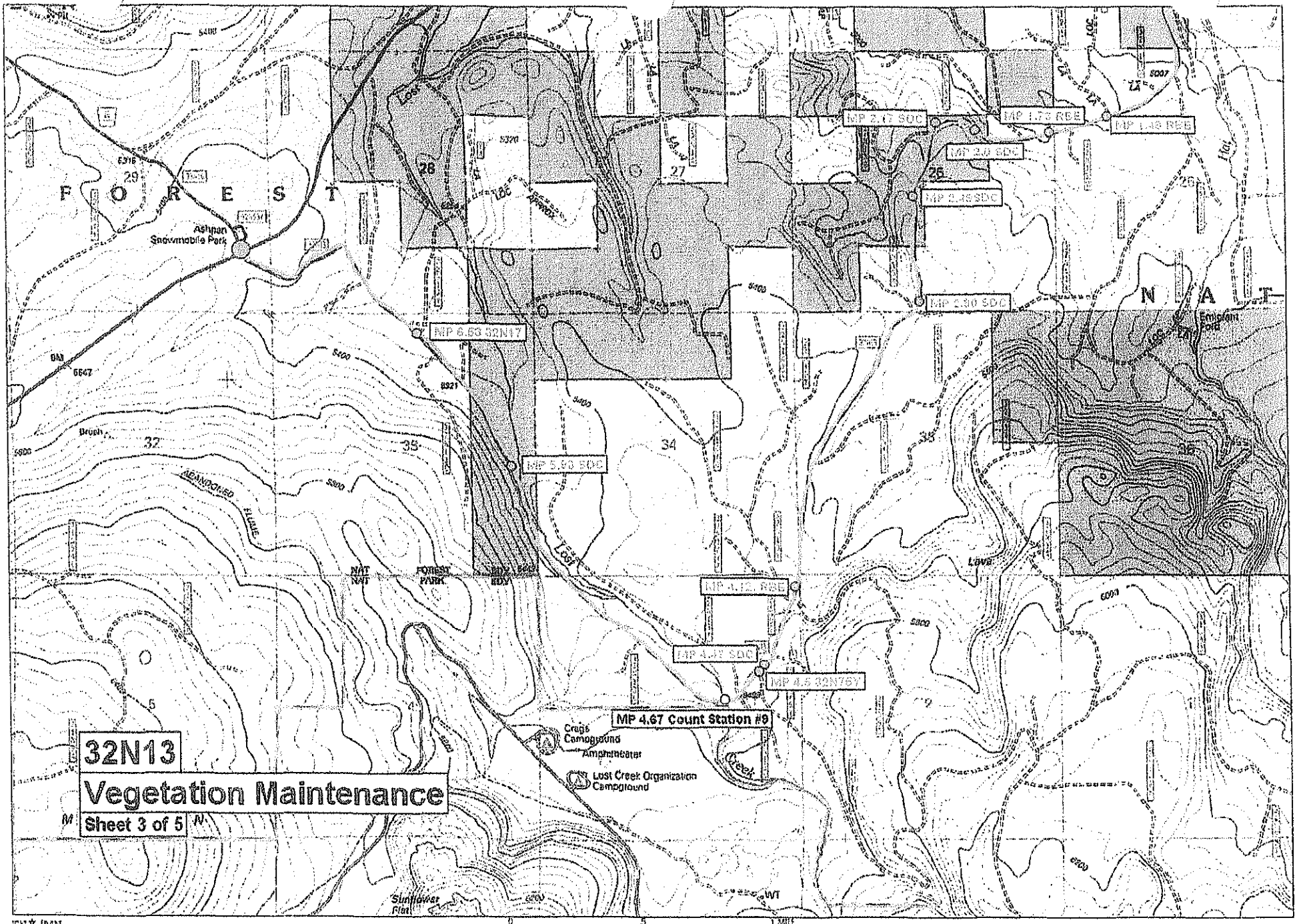
Season of Use May - November Surface Cinders % Street Legal 83 % Non-Street Legal 17

SHARED USE RECOMMENDATION YES
Yes or No

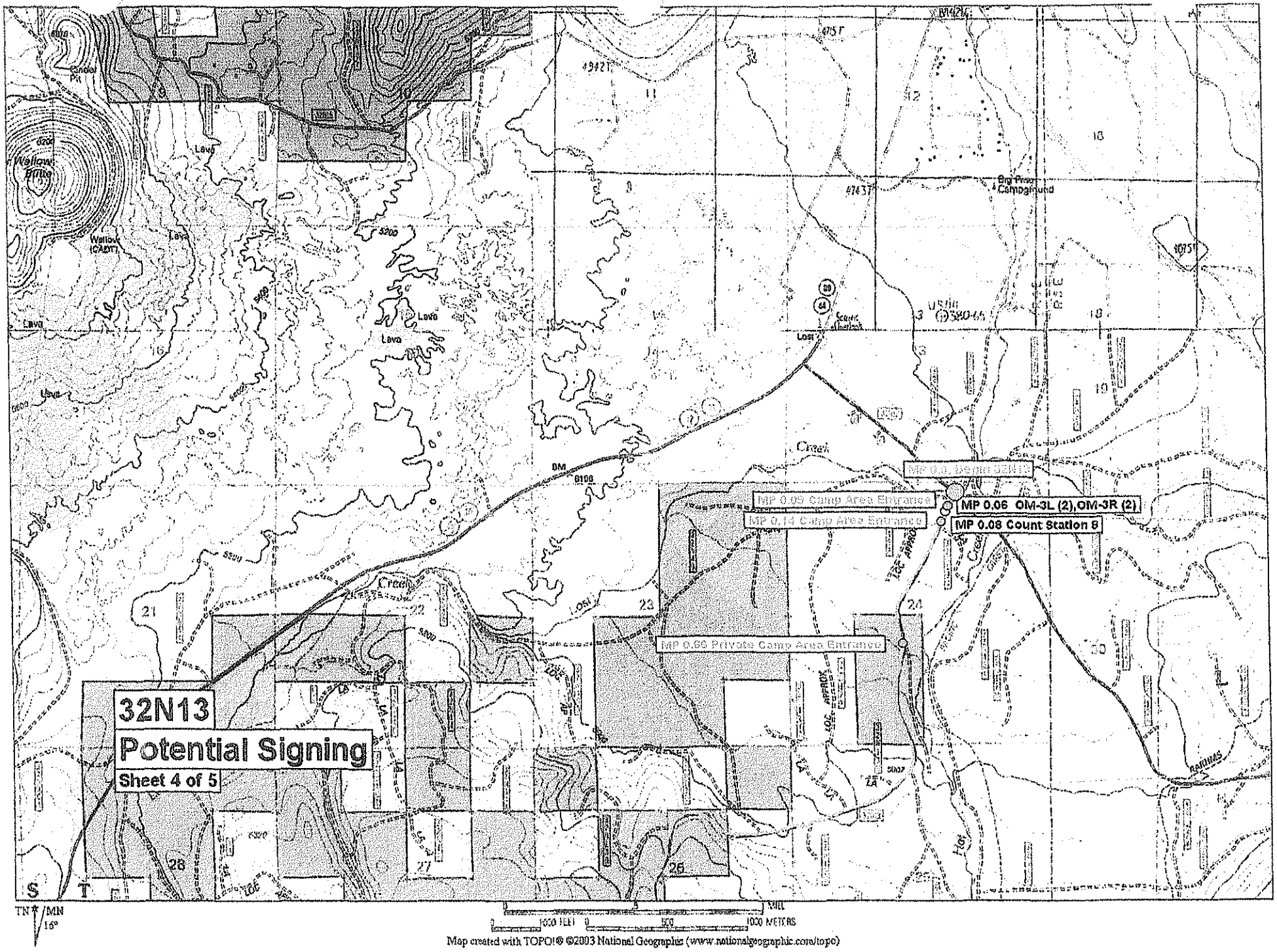
*Mitigation opportunities by milepost, or other pertinent information on following page(s).



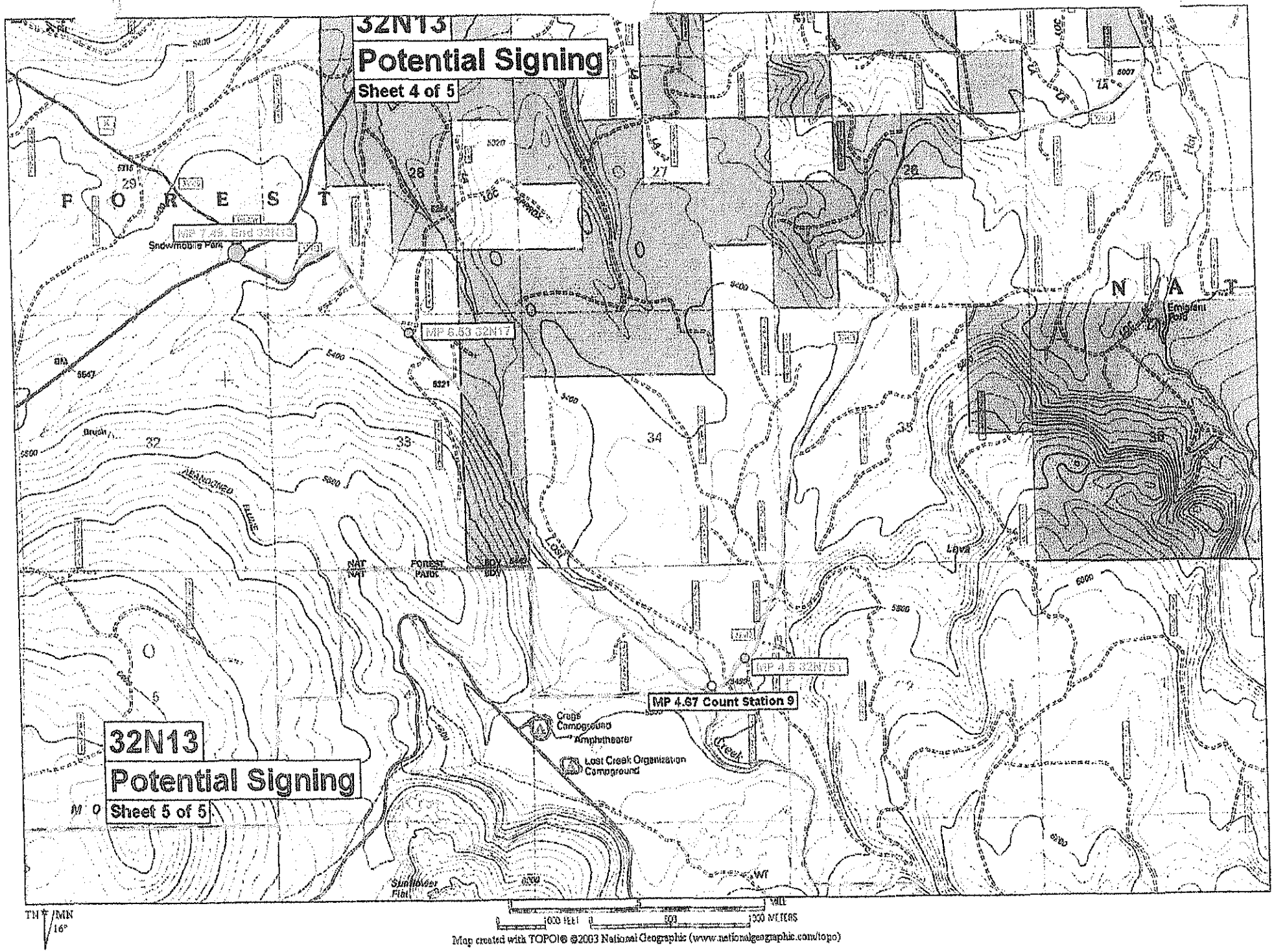
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment **…ssen National Forest** **Summer 2005**

Road Number 16 (32N16) BCDT Segment Number 20 Length 3.40 Sheet 1 of 3

Maint. Level: Objective 4 Operational 3 Observed June-August 2005 2 Functional Class C Service Level B

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Count Sta (10) 13,62			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	24			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	None			L
Curvature	Abrupt	Smooth	Smooth			L
Road Widths (Feet)	Variable	Uniform	Uniform @ 18'			L

Overall Probability Assessed Ranking Low

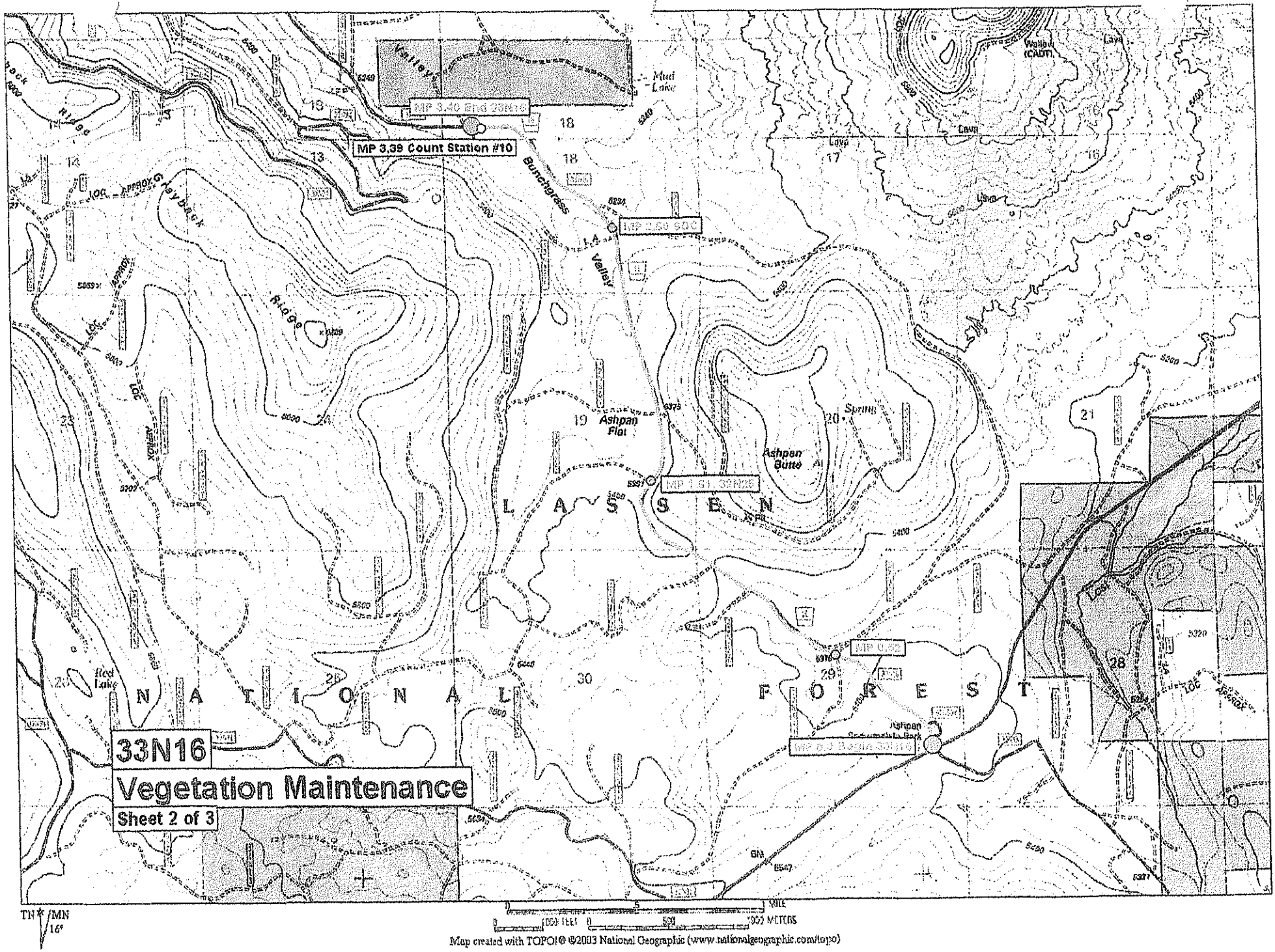
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	20			L
Clearance from Hazards	Little or none	Adequate	Adequate			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40			L
Radical Speed Changes	Many	Few	Few (None)			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

Overall Severity Assessed Ranking Low

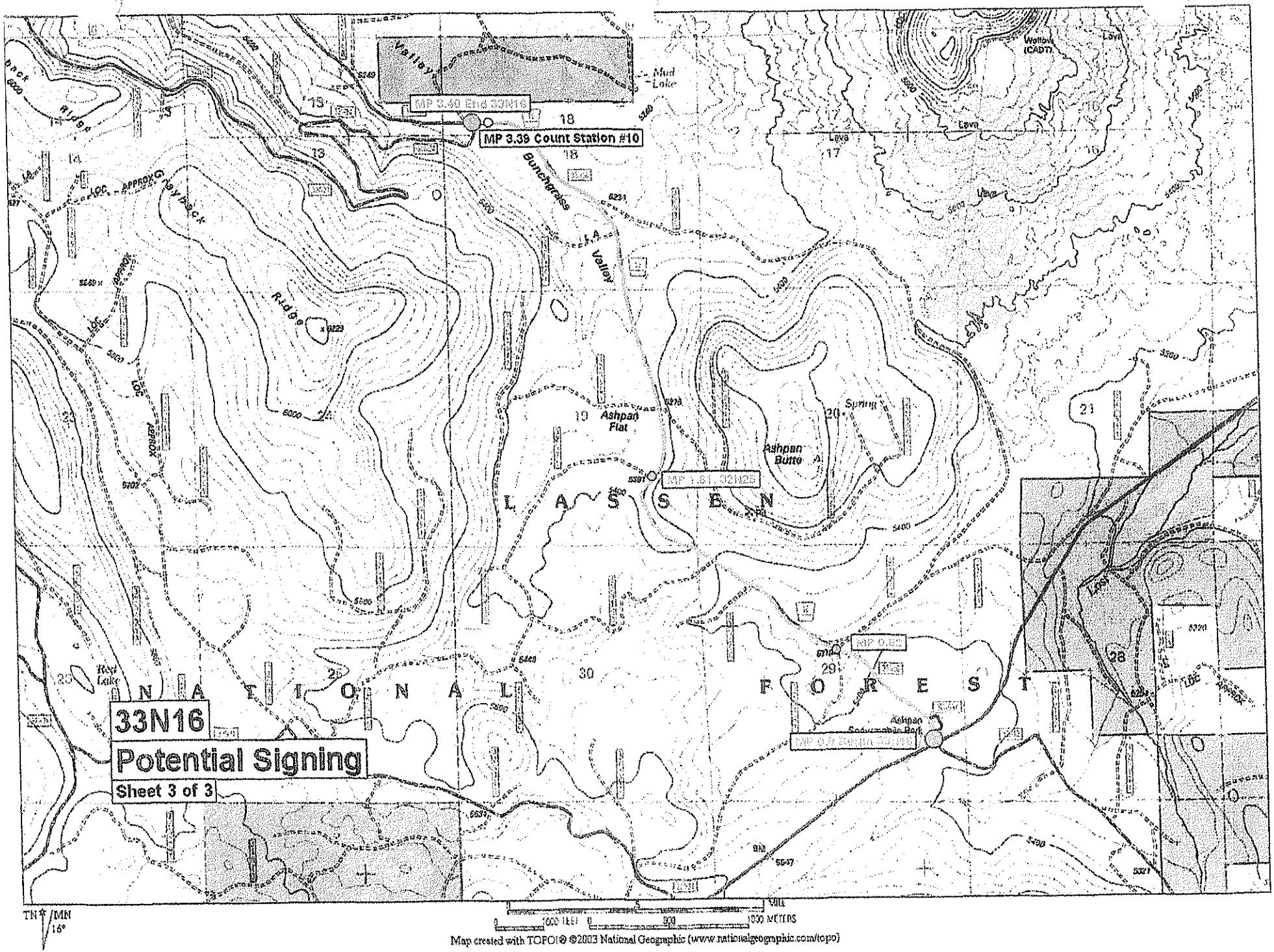
Season of Use May-November Surface Cinders % Street Legal 77 % Non-Street Legal 23

SHARED USE RECOMMENDATION Yes
Yes or No

*Mitigation opportunities by milepost, or other pertinent information on following page(s).



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)


33N16
Potential Signing
Sheet 3 of 3
MP 3.40 End 33N16
MP 3.39 Count Station #10
MP 1.61, 32N25
MP 0.82
MP 0.7 Begin 33N16
Mud Lake
Bunchgrass Valley
Ashpan Flat
Ashpan Butte
Spring
Ashpan Snowmobile Park
Grayback Ridge
Lost
Lava
Wallow (CADT)
L A S S E N
N A T I O N A L
F O R E S T
TN
MN
16°
Miles
1000 FEET
1000 METERS
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment **…ssen National Forest** **Summer 2005**

Road Number 32N24 BCDT Segment Number 14 Length 7.90 Sheet 1 of 3

Maint. Level: Objective 3 Operational 3 Observed June–August 2005 2 Functional Class L Service Level C

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Count Sta (11) 13.95			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	18			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	None			L
Curvature	Abrupt	Smooth	Smooth *			L
Road Widths (Feet)	Variable	Uniform	Uniform @ 14'			L

Overall Probability Assessed Ranking Low

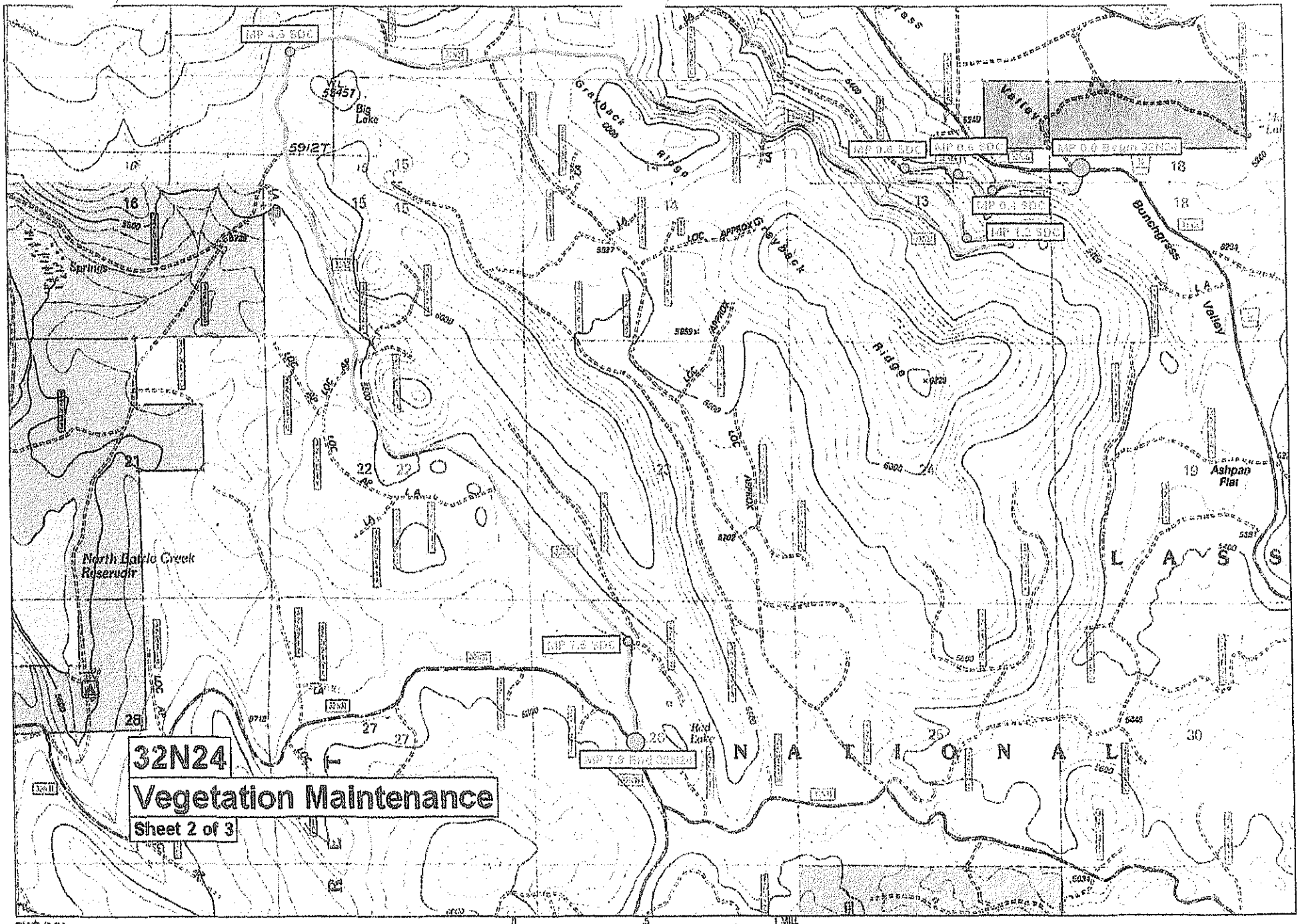
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	18			L
Clearance from Hazards	Little or none	Adequate	Adequate *			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40%			L
Radical Speed Changes	Many	Few	Few			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

Overall Severity Assessed Ranking Low

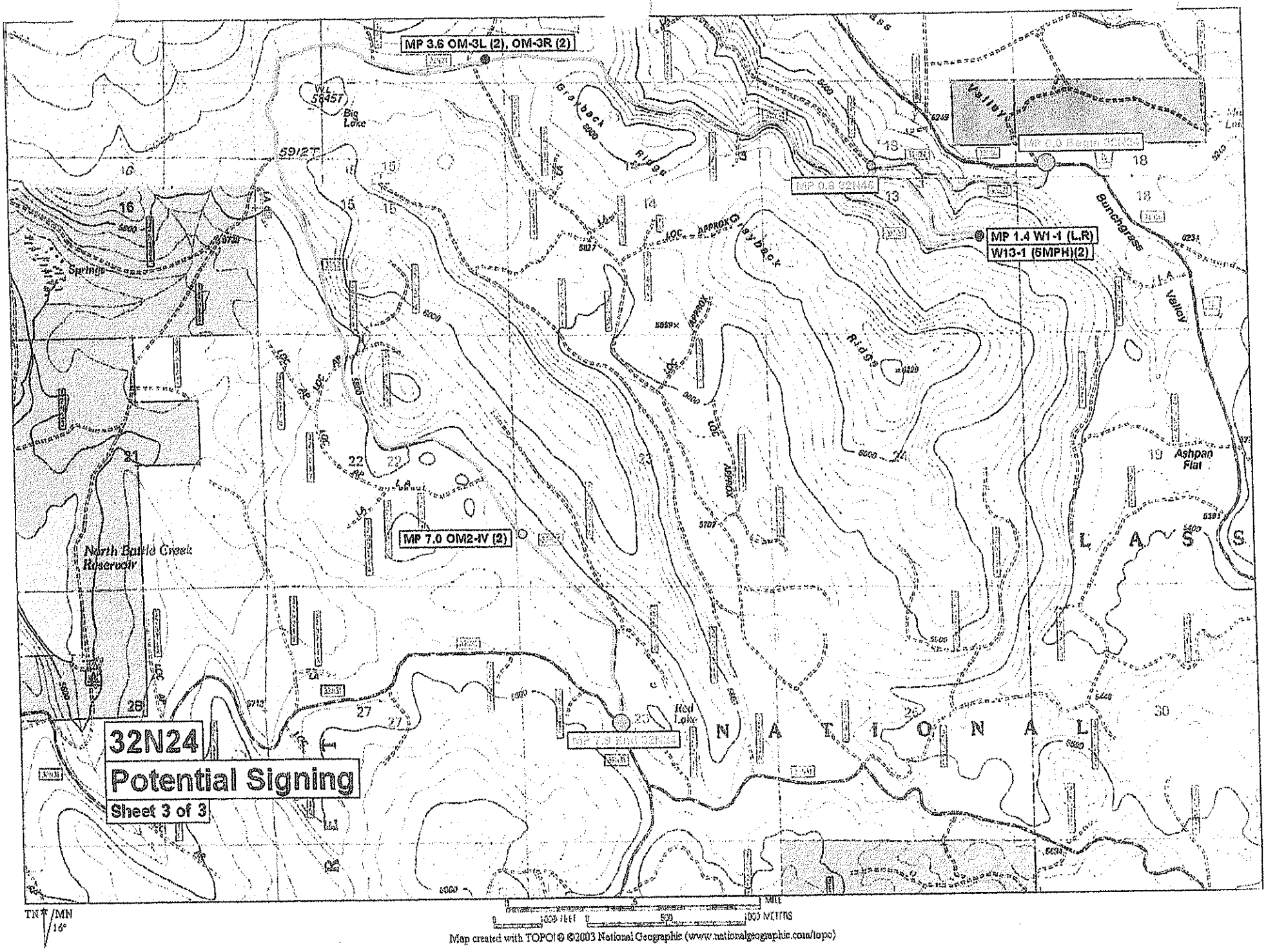
Season of Use June - November Surface Cinders % Street Legal 95 % Non-Street Legal 5

SHARED USE RECOMMENDATION YES (Yes or No)

*Mitigation opportunities by milepost, or other pertinent information on following page(s).



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO! © ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment **…assen National Forest** **Summer 2005**

Road Number 32N31 BCDT Segment Number 14 Length 0.30 Sheet 1 of 3

Maint. Level: Objective 3 Operational 3 Observed June–August 2005 2 Functional Class L Service Level C

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Count Sta (11) 13.95			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	25			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	None			L
Curvature	Abrupt	Smooth	Smooth			L
Road Widths (Feet)	Variable	Uniform	Uniform @ 18'			L

Overall Probability Assessed Ranking Low

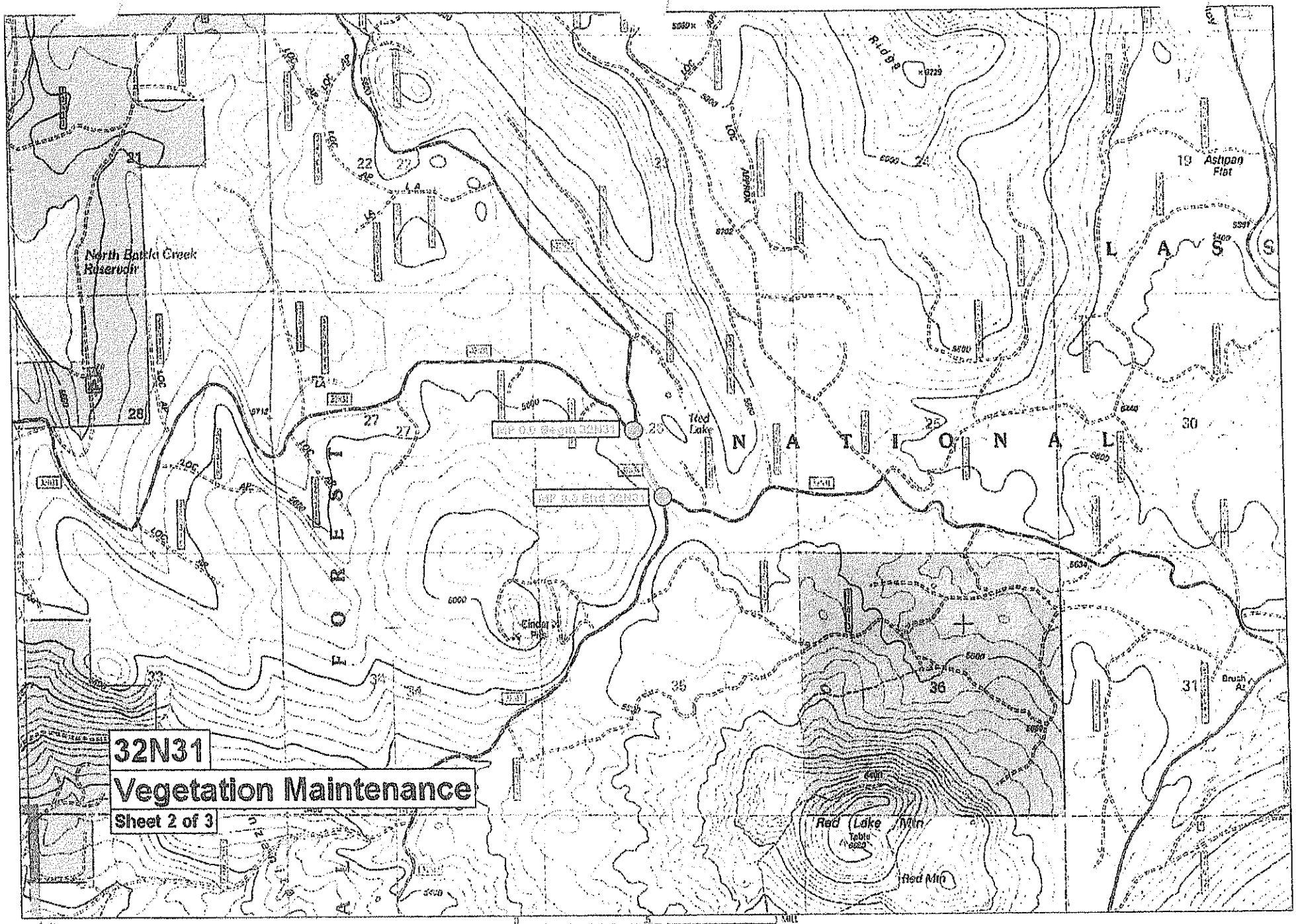
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	25			L
Clearance from Hazards	Little or none	Adequate	Adequate			L
Alignment & Sight Distance	Poor	Adequate	Adequate			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	< 40%			L
Radical Speed Changes	Many	Few	Few (None)			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUV's			L

Overall Severity Assessed Ranking Low

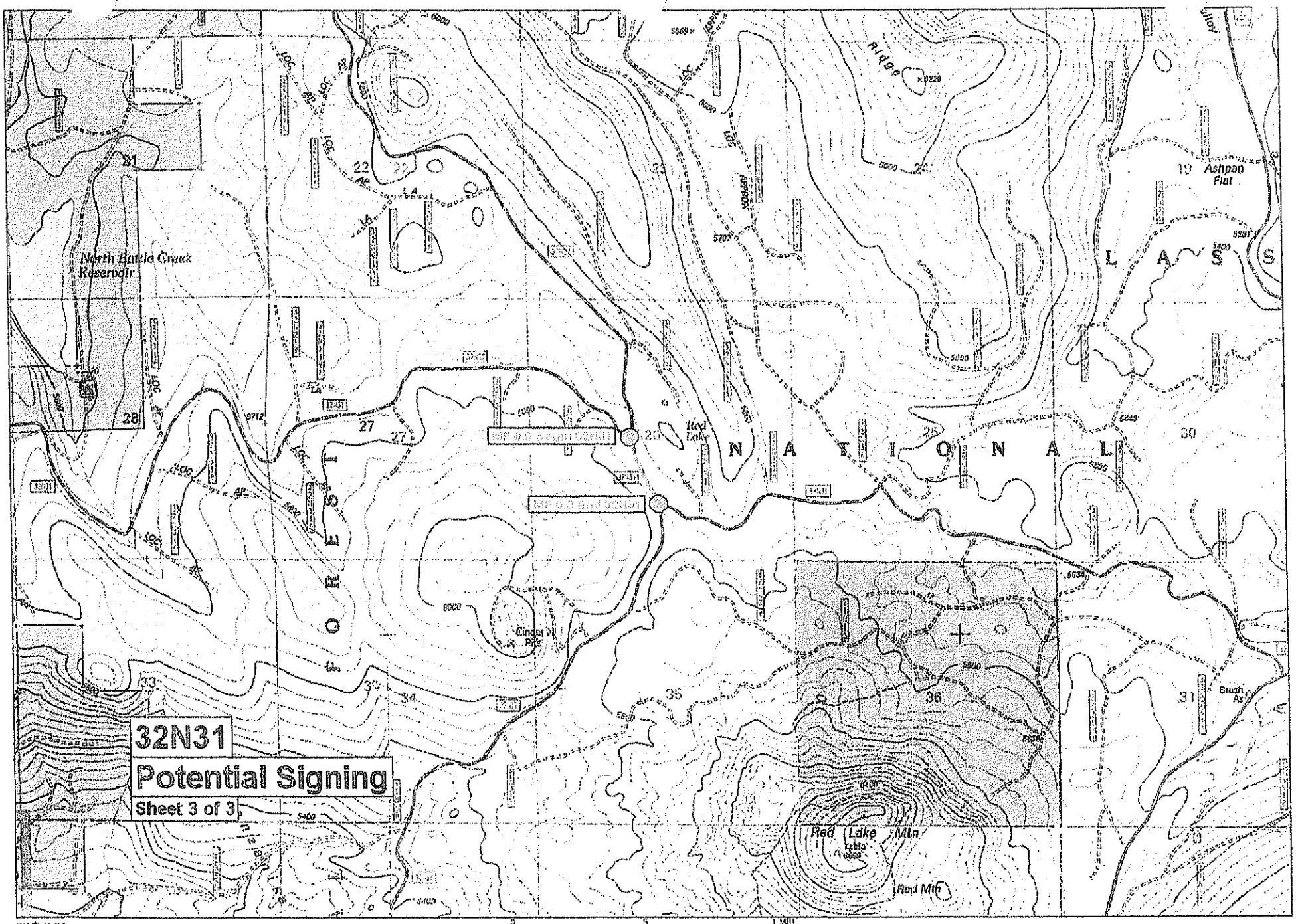
Season of Use May – November Surface Aggregate % Street Legal 95 % Non-Street Legal 5

SHARED USE RECOMMENDATION YES
Yes or No

*Mitigation opportunities by milepost, or other pertinent information on following page(s).



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment .ssen National Forest **Summer 2005**

Road Number 32N17 BCDT Segment Number 14 Length 5.21 Sheet 1 of 5

Maint. Level: Objective 3 Operational 3 Observed June–August 2005 2 Functional Class 4 Service Level 4

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Count Sta (11) 13.95			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	20			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	0.8 miles aggregate South end			L
Curvature	Abrupt	Smooth	Smooth			L
Road Widths (Feet)	Variable	Uniform	Uniform @ 16'			L

Overall Probability Assessed Ranking Low

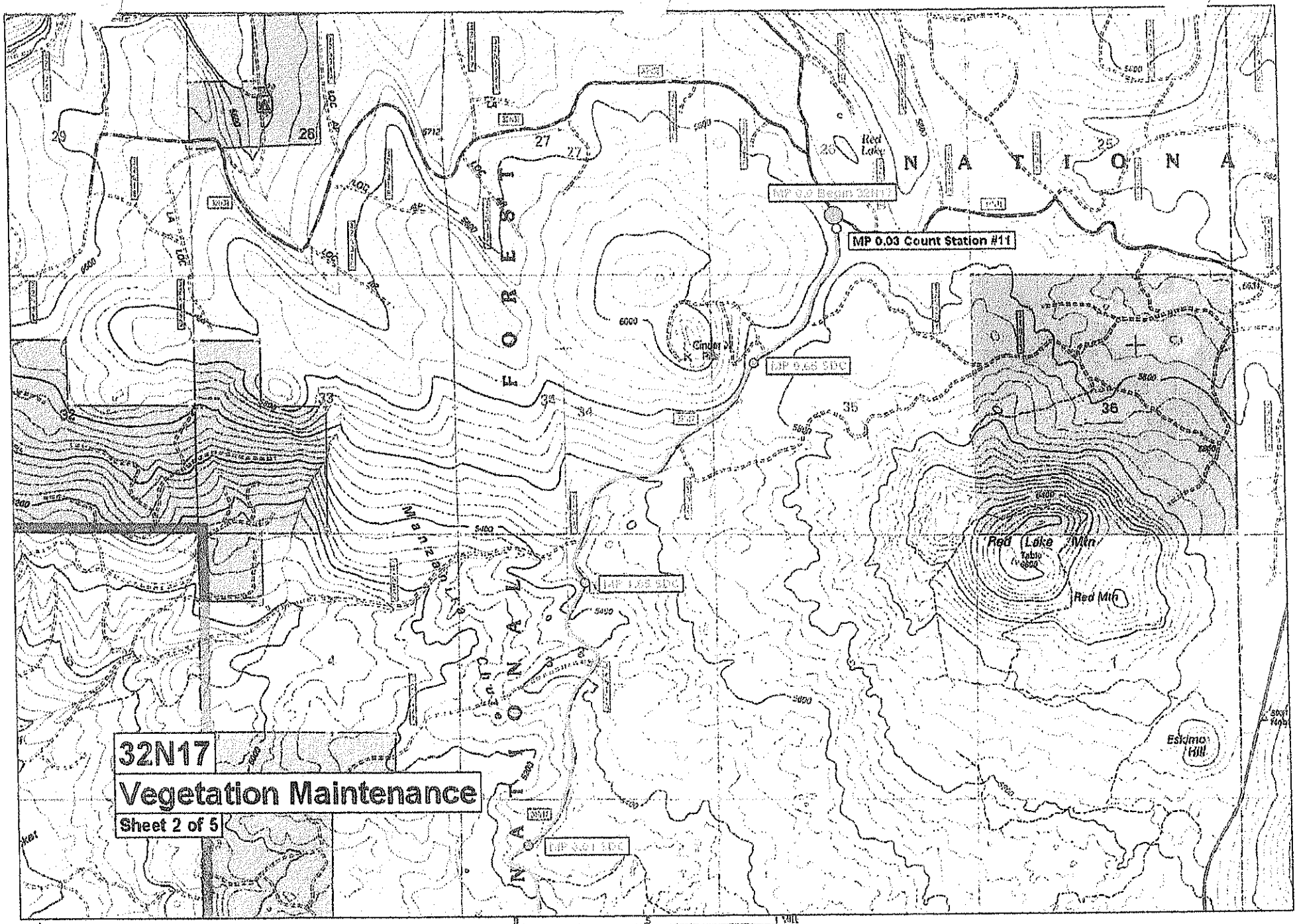
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	20			L
Clearance from Hazards	Little or none	Adequate	Adequate *			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40%			L
Radical Speed Changes	Many	Few	Few			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

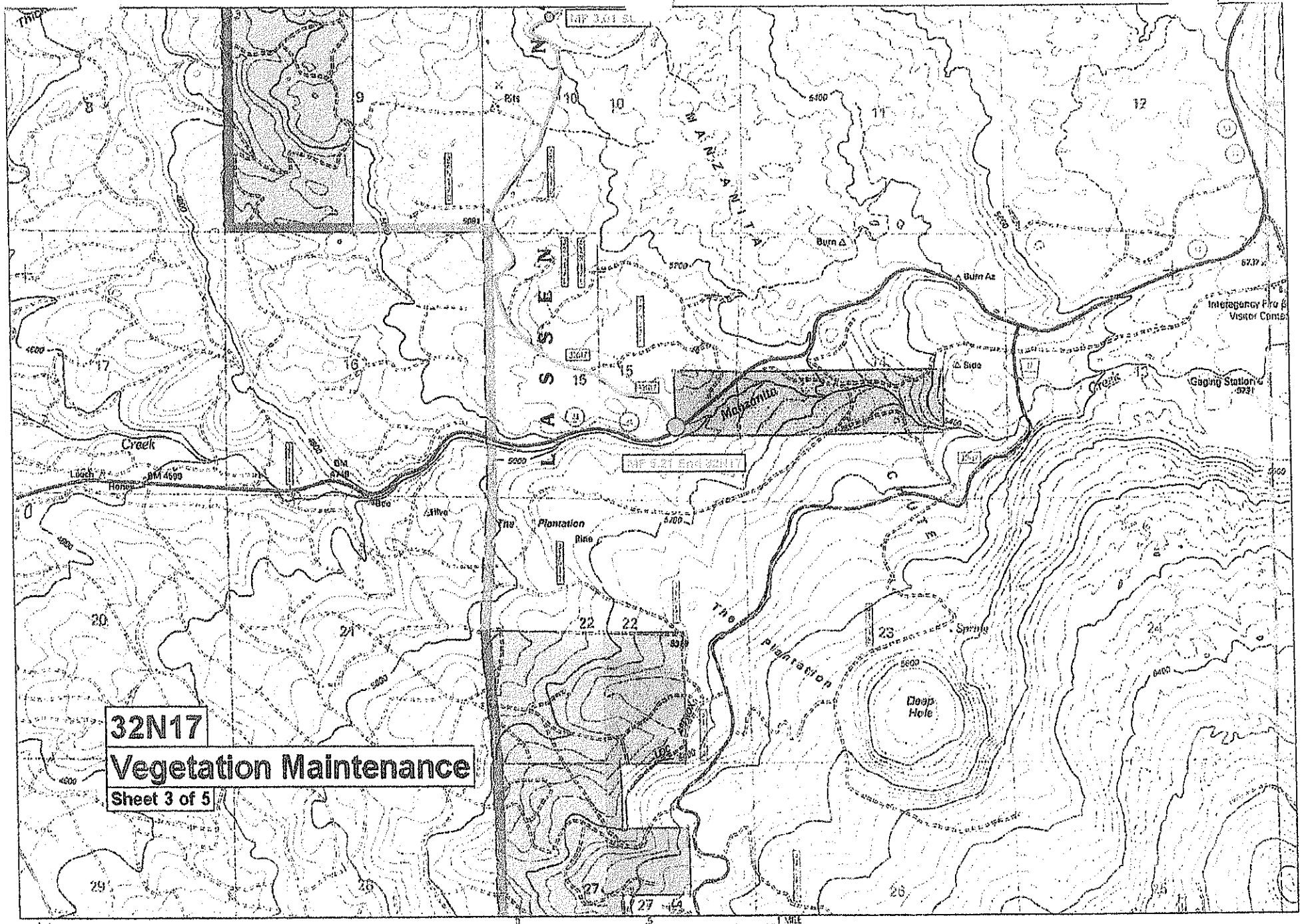
Overall Severity Assessed Ranking Low

Season of Use May - November Surface Cinders % Street Legal 95 % Non-Street Legal 5

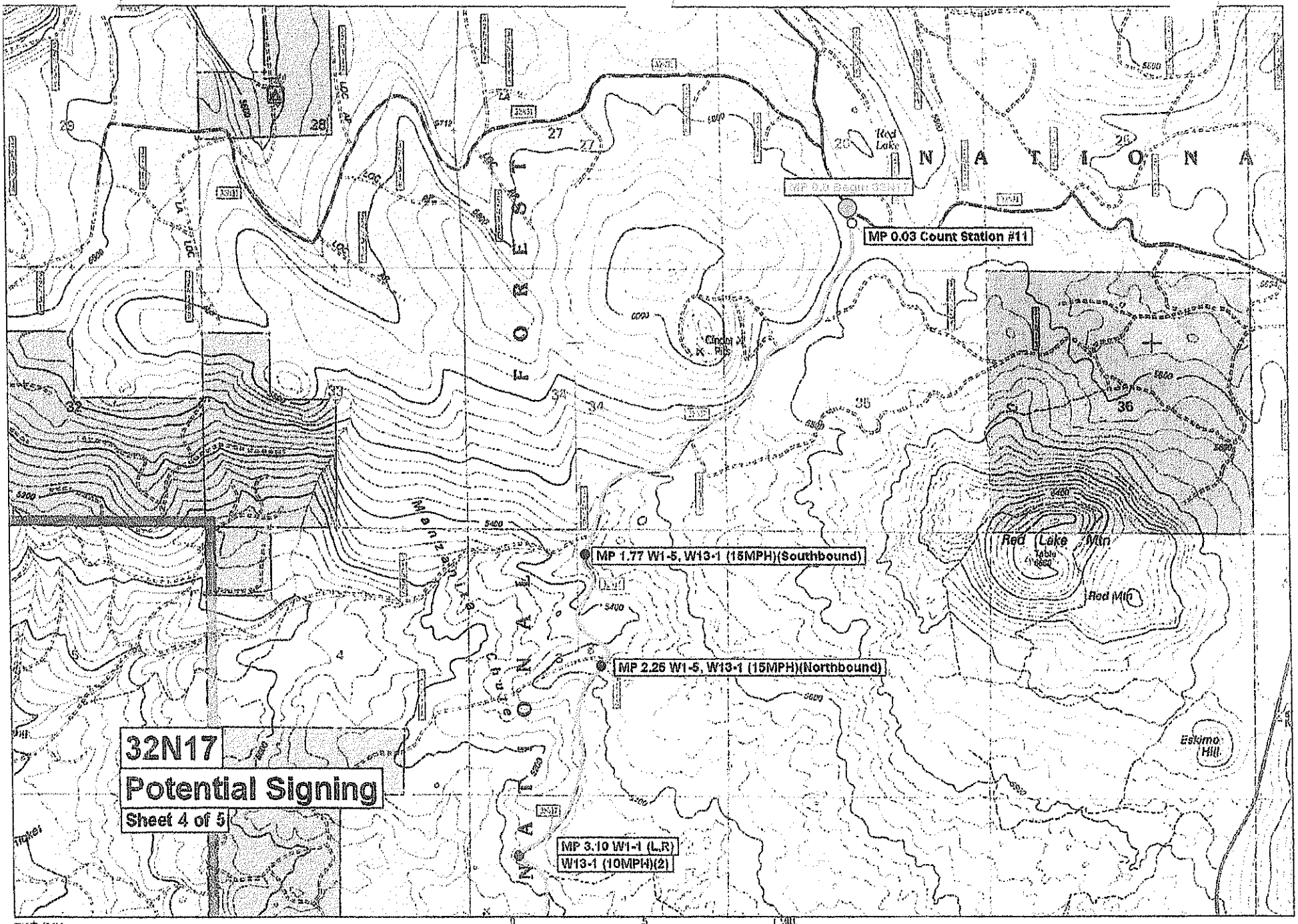
SHARED USE RECOMMENDATION YES
Yes or No

*Mitigation opportunities by milepost, or other pertinent information on following page(s).

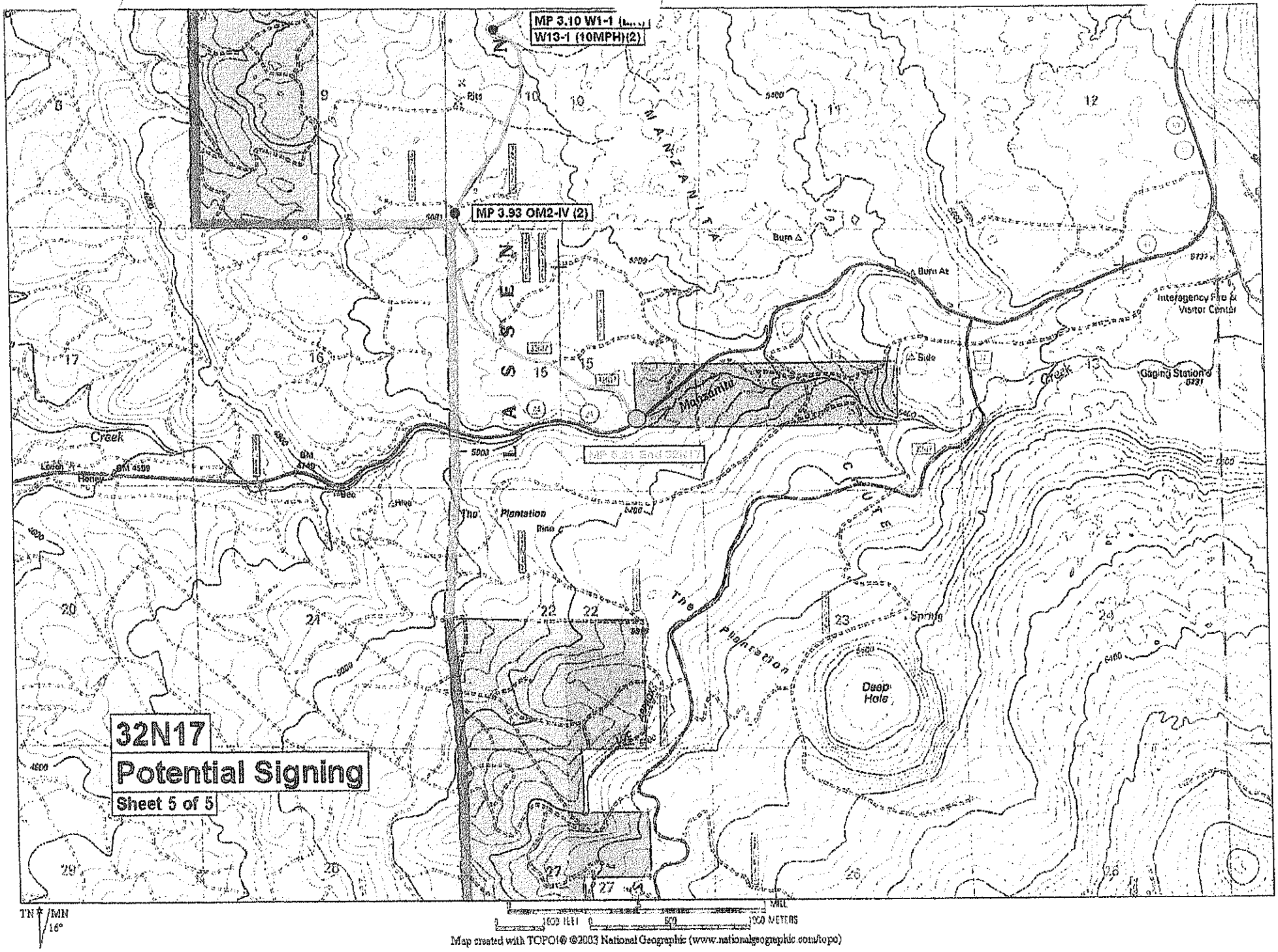

MP 0.03 Count Station #11
Red Lake Mtn
Red Mtn
Eskimo Hill
Cinder Hill
32N17
Vegetation Maintenance
Sheet 2 of 5
TN 16° MN
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Traffic Engineer Shared Use Assessment **…ssen National Forest** **Summer 2005**

Road Number 17(31N17) BCDT Segment Number 12 Length 15.3 Sheet 1 of ____

Maint. Level: Objective 4 Operational 3 Observed June–August 2005 2 Functional Class C Service Level B

Probability of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Crash History	Several Crashes	None Known	None Known			L
Average Daily Traffic (ADT)	>150	30 or less	Count Sta (12) 7.86			L
User Knowledge	Not Acquainted	Well Acquainted	Unknown		M	
Average Speed (MPH)	>40	25 or less	27			L
Cross Section Changes	Changes	None Abrupt	None Abrupt			L
Surface Type Changes	Changes	No changes	None			L
Curvature	Abrupt	Smooth	Smooth			L
Road Widths (Feet)	Variable	Uniform	Fairly Uniform @ 16'			L

Overall Probability Assessed Ranking Low

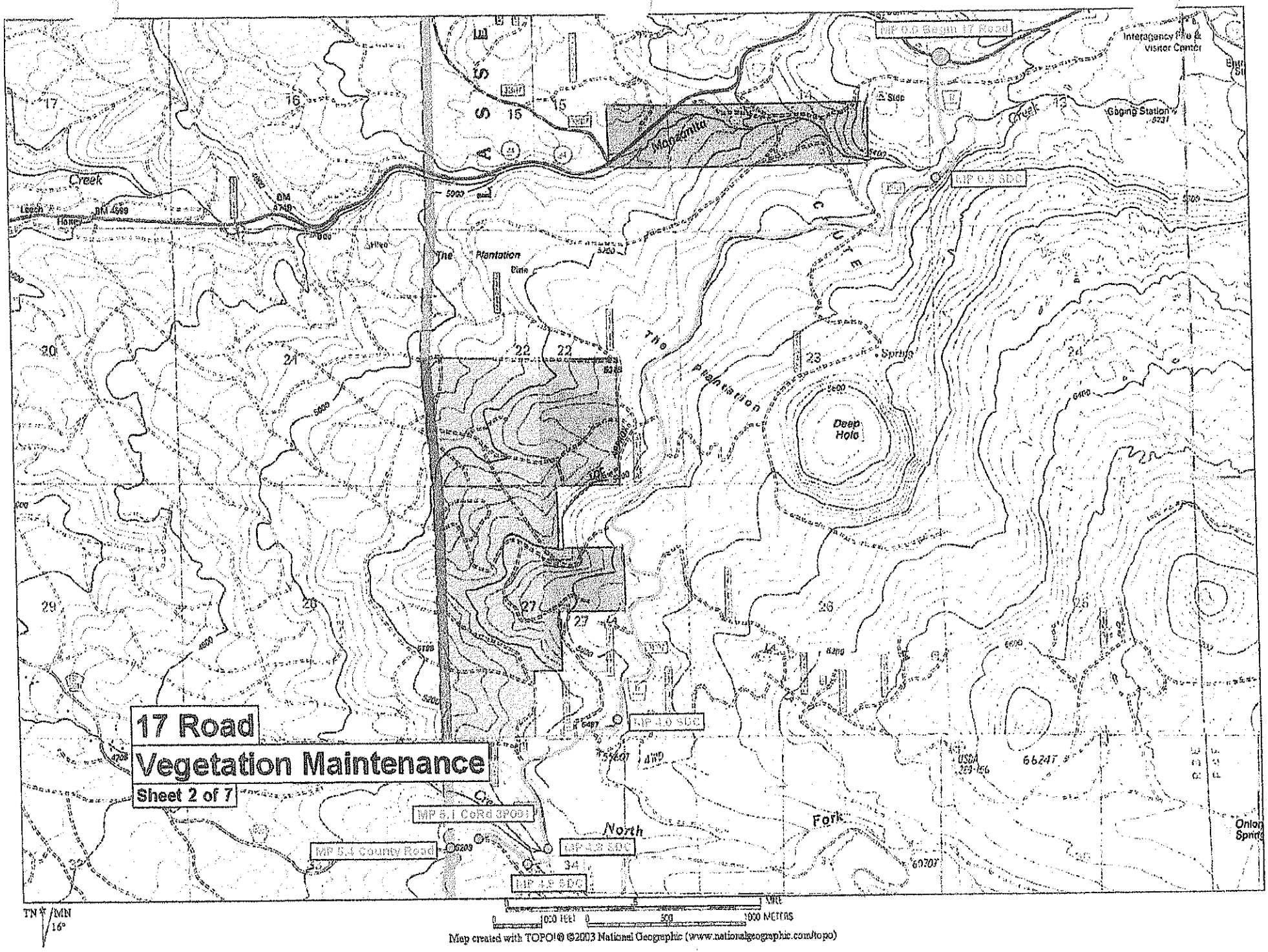
Severity of an Accident	Benchmark Rankings		Summary 2005 Observations	Assessed Rankings		
	High	Low		H	M	L
Average Speed (MPH)	>40	25 or Less	27			L
Clearance from Hazards	Little or none	Adequate	Adequate *			L
Alignment & Sight Distance	Poor	Adequate	Adequate *			L
Roadway Gradient	>12%	<12%	<12%			L
Downhill Side Slopes	>60%	<40%	<40%			L
Radical Speed Changes	Many	Few	Few			L
Multi-passenger Vehicles	Buses	Cars, SUVs	Cars, SUVs			L

Overall Severity Assessed Ranking Low

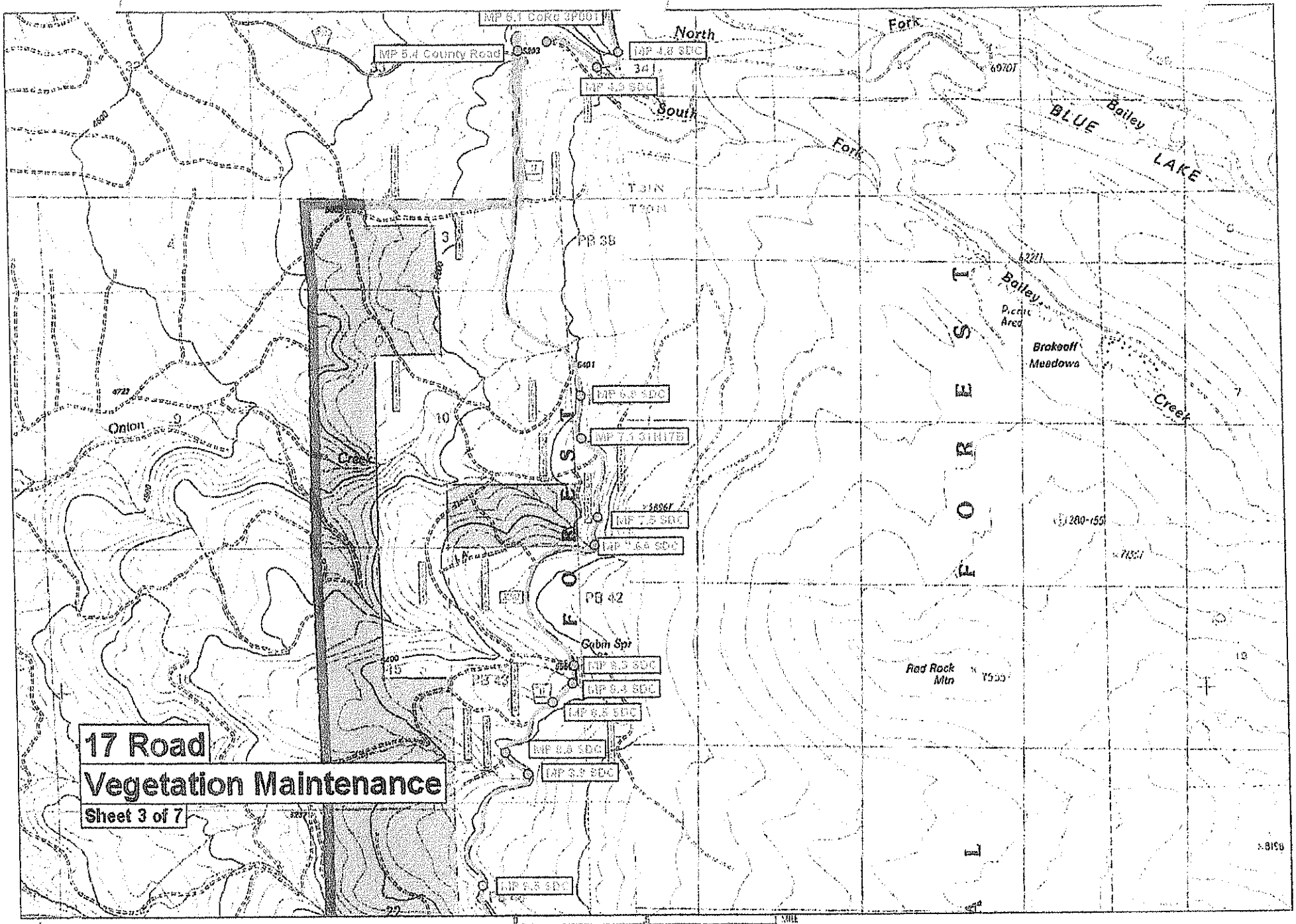
Season of Use June - November Surface Aggregate % Street Legal 85 % Non-Street Legal 15

SHARED USE RECOMMENDATION YES
Yes or No

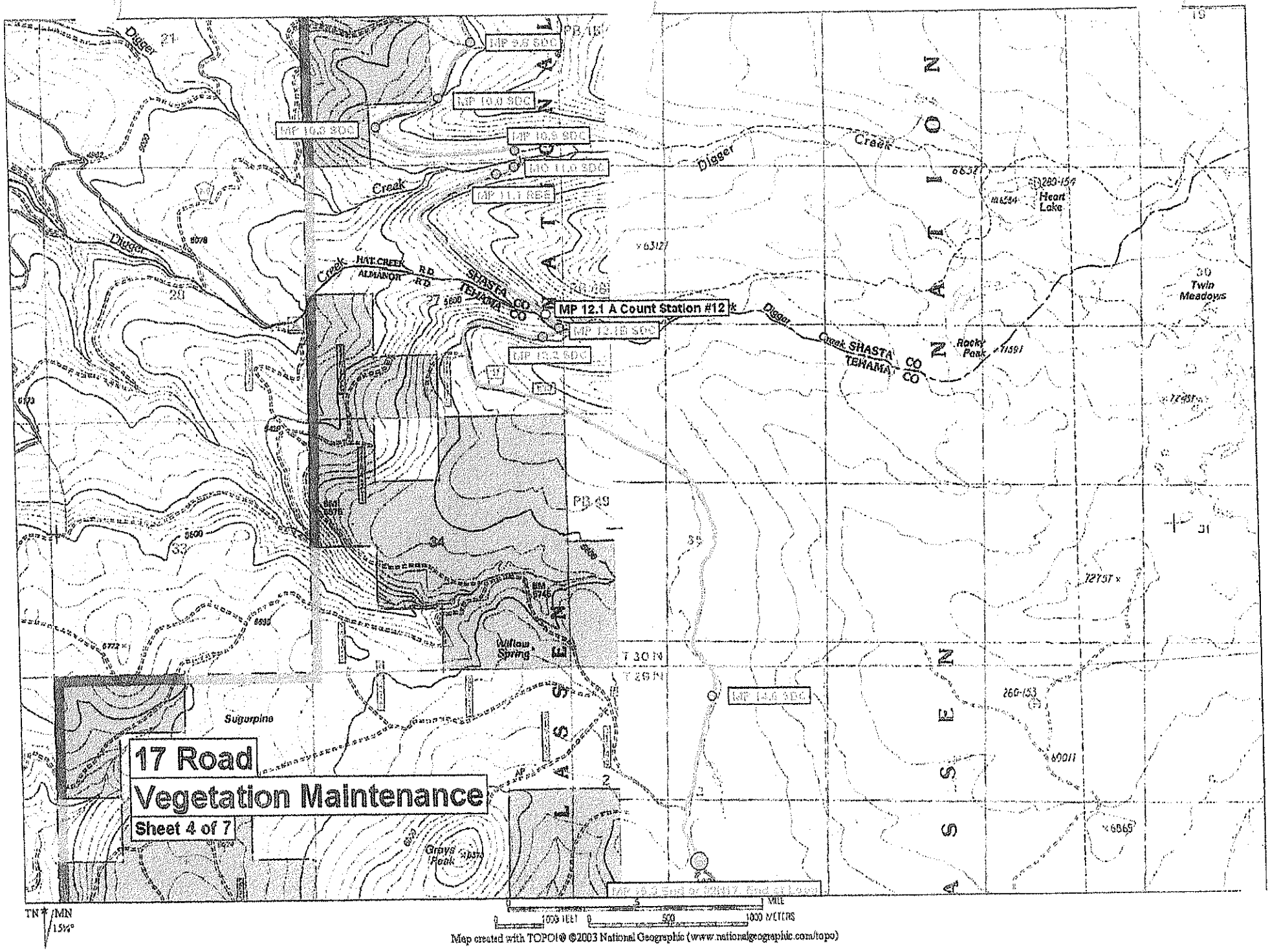
*Mitigation opportunities by milepost, or other pertinent information on following page(s).



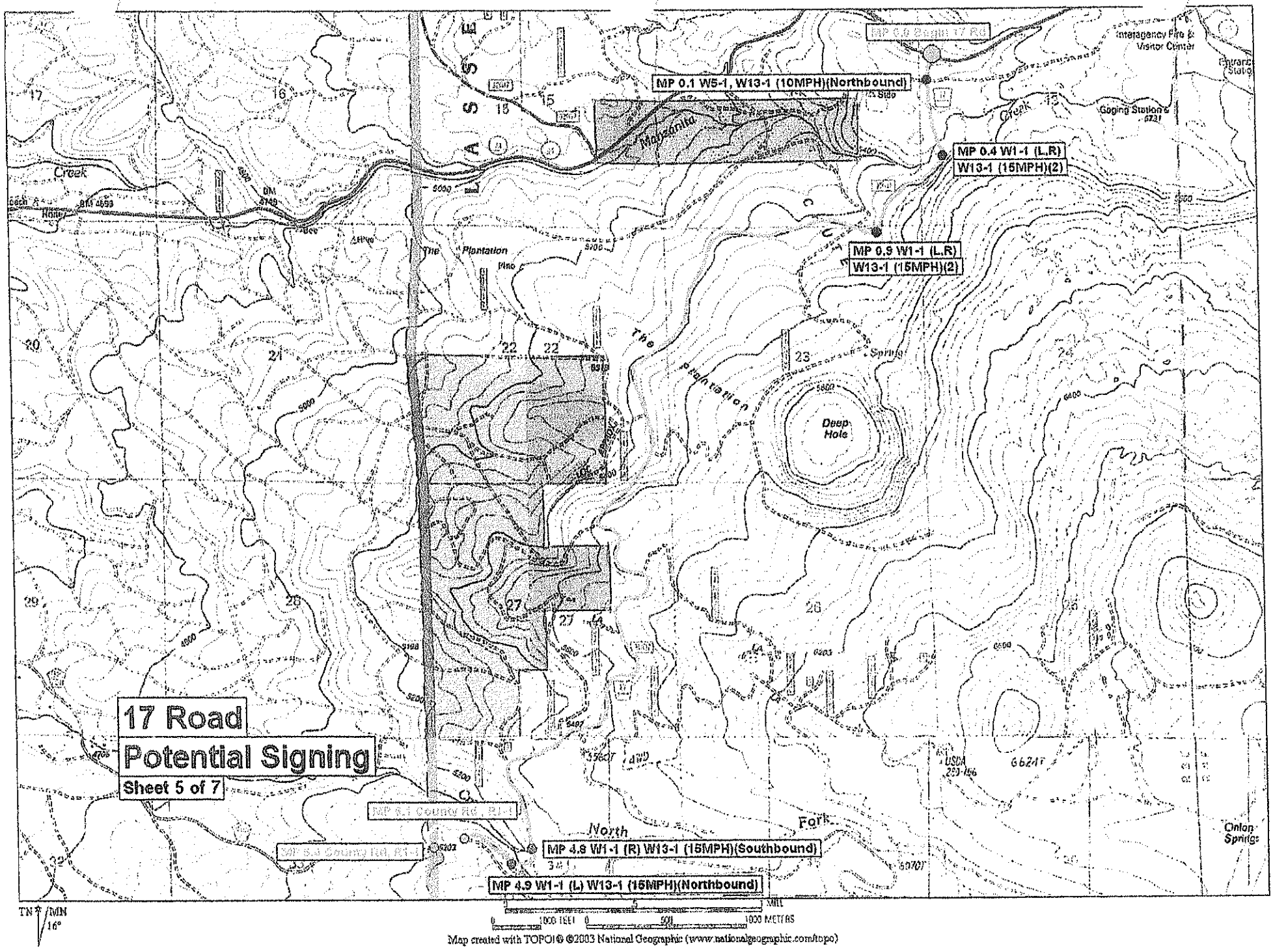
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



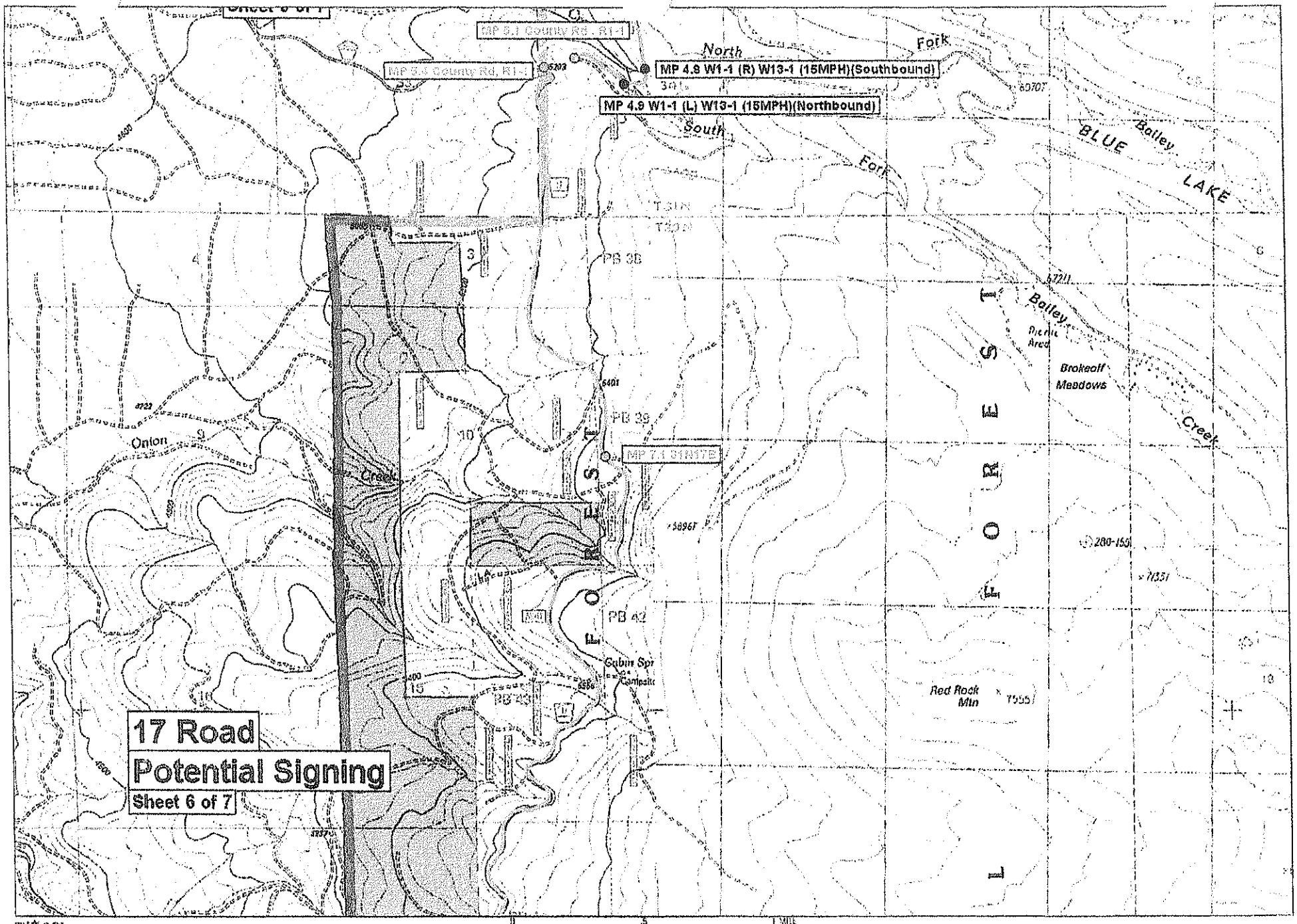
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



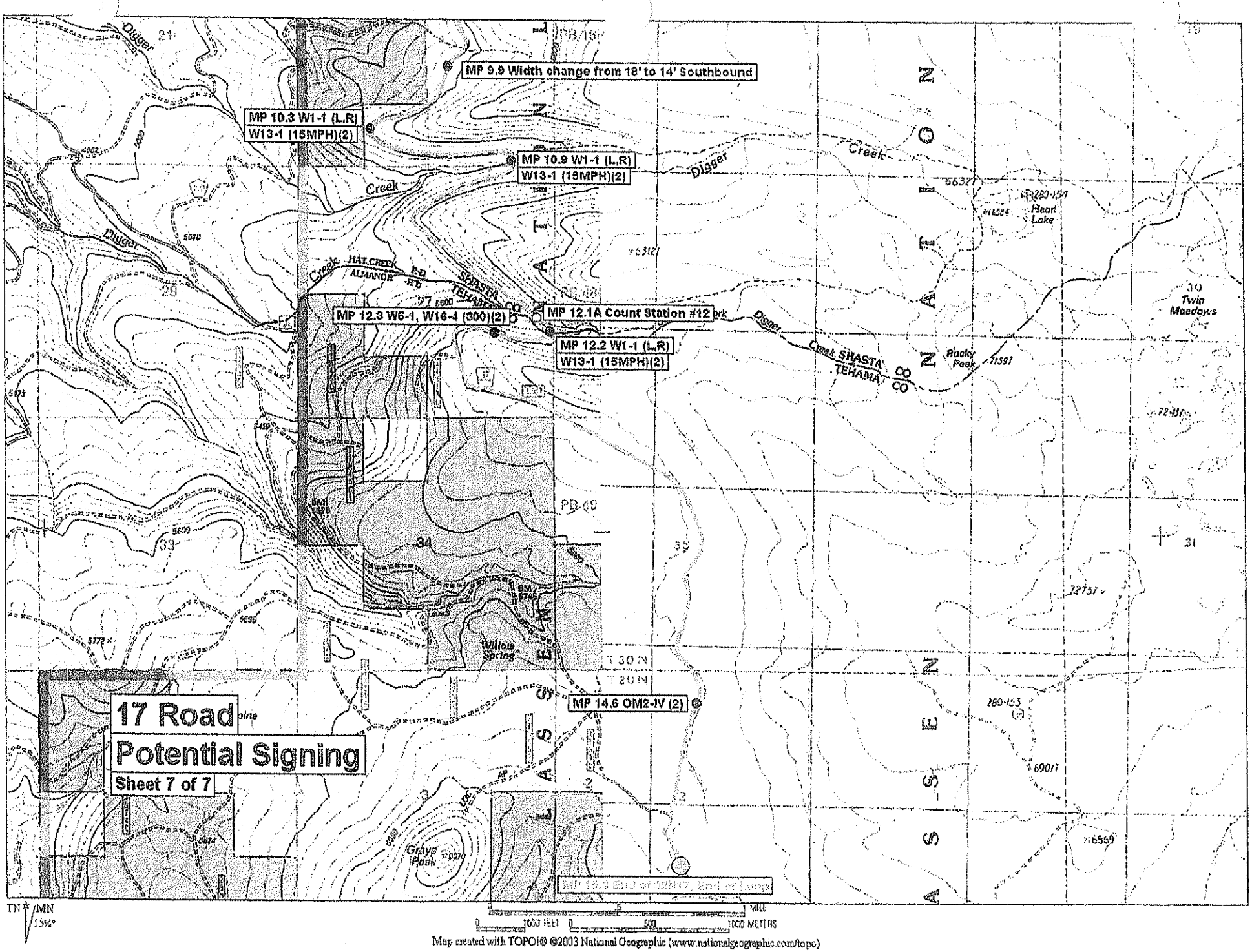
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO! ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)