

Road Management Objectives

Project/EIS: Iyouktug Timber Sale **System:** Hoonah - Gypsum **Land Use Designation:** Timber Production
Route No.: 85344 **Route Name:** George **Status:** Existing
Begin M.P.: 0.00 **Length (miles):** 0.19 **Begin Termini:** 0.00 **End Termini:** 0.19

General Design Criteria and Elements

Functional Class:	Service Life:	Traffic Service Level:	Surface:	Width:	Critical Vehicle:	Design Vehicle:	Design Speed:
Local	IS	D	Shot Rock	14'	Log Truck	Log Truck	10 mph

Intended Purpose/Future Use: Silvicultural activities: Multiple entries may be possible or needed as determined by the order and timeframe in which the units are harvested. Salvage opportunities may be available.

Maintenance Criteria

Alternatives	Begin Milepost	End Milepost	Operational Maintenance Level:	Objective Maintenance Level: (desired future condition)
2, 3, 4, 5	0.00	0.19	exist - 1, during use - 2	1
1	0.00	0.00	1	1

Maintenance Narrative: Roads used in timber sales will brought up to existing standards incorporating best management practices prior to commercial haul and will be maintained at Maintenance Level 2 during use. Upon completion of the sale, the road will be returned to Maintenance Level 1 (closed and put into storage). Road is currently closed. Road will remain closed during harvest except for traffic associated with the timber sale.

Operation Criteria

Highway Safety Act: No **Jurisdiction:** National Forest **AFRPR Status:** active

Travel Management Strategies:

Alternatives: 2, 3, 4, 5
 Encourage: N/A
 Accept: High Clearance Vehicles, OHVs, during sale. Bicycles, Hikers
 Discourage: Passenger cars during sale.
 Prohibit: N/A
 Eliminate: All motorized vehicles post sale

Travel Management Narrative: This road is connected to the Hoonah – Gypsum road system, which is accessed by and connected to the city of Hoonah. It currently is, and will continue to be, closed to all traffic not associated with the timber sale. Road will be tank trapped and water barred to prevent access upon completion of sale.

District Ranger Approval

(signature) _____ Date: _____

Road Management Objectives

Site-specific Design Criteria

Road No. 85344

Road Location: Existing road, deferred maintenance may be needed including brushing, ditch cleaning, drainage maintenance and spot rocking.

Wetlands: All locations where road crosses designated wetlands will have adequate drainage structures installed. To meet silvicultural exemption the road cannot be widened and no excavated fill may be placed in wetland (33CFR BMPs 1, 5).

Erosion Control: An erosion control plan for construction and maintenance will be developed according to standard project specifications (BMP 14.5). All areas of organic or mineral soil exposed during construction shall be grass seeded and fertilized (BMP 12.17, 14.11, 14.8)

Rock Pits: During periods of high rainfall (as defined in current Regional specifications), blasting operations will be suspended at quarries or r/w construction near potential unstable sites where ground vibration may induce mass movement (BMP 14.6)

Resource Information:

Timber/Logging: No concerns

Soils/Water: No stream crossings mapped in GIS.

Silviculture: No concerns

Wildlife: No concerns.

Botany: No plant concerns on the existing portion of Road 85344.

Lands/Minerals/Geology/Karst: No carbonate bedrock present along existing road. No karst resource concerns identified.

Scenery: No scenery concerns on the existing portion of Road 85344.

Recreation: No concerns.

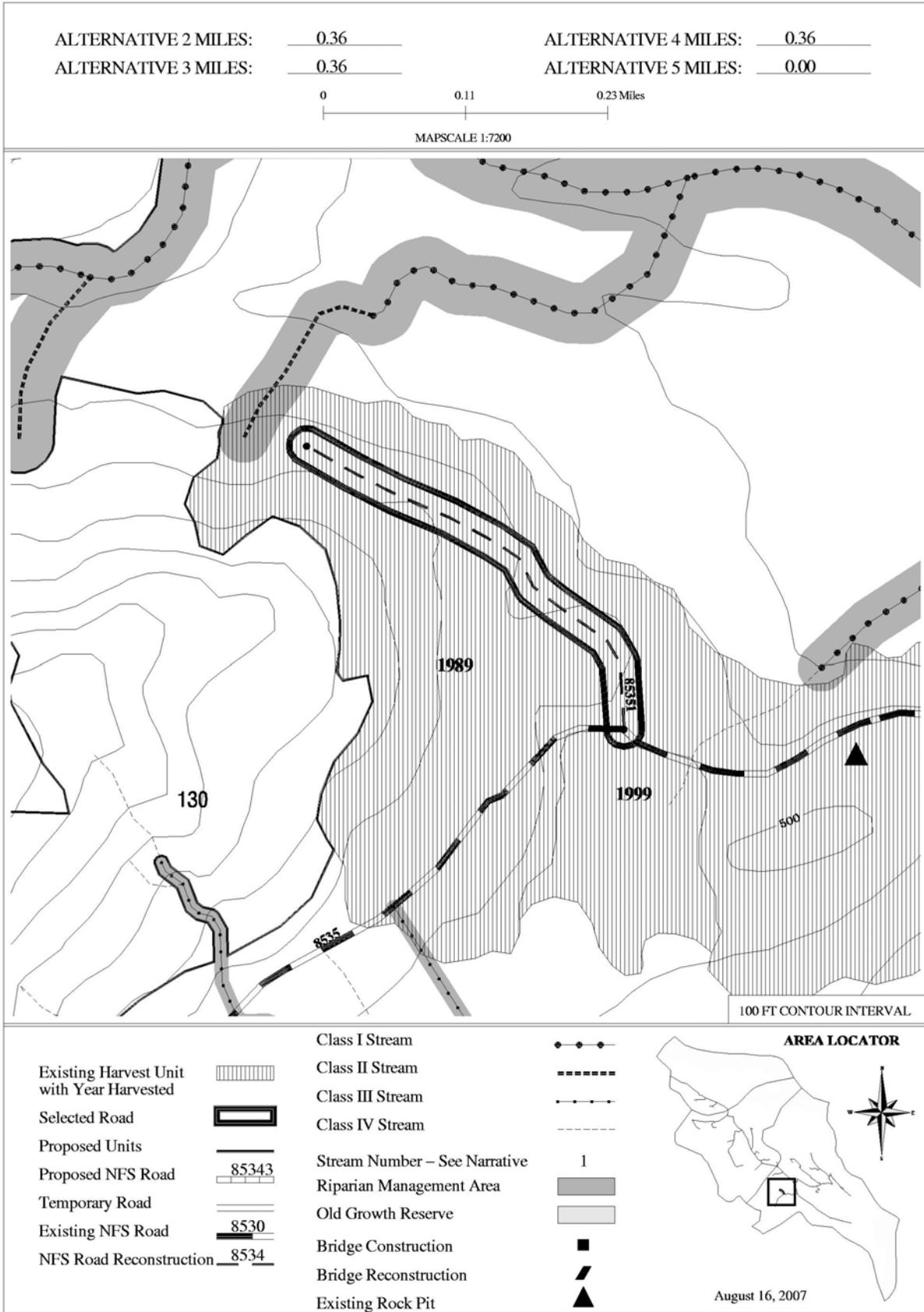
Heritage: No concerns.

Road Management Objectives

Stream Crossings

Road No. 85344

No GIS mapped stream crossings.



Road Management Objectives

Project/EIS: Iyouktug Timber Sale **System:** Hoonah - Gypsum **Land Use Designation:** Timber Production
Route No.: 85351 **Route Name:** Gopher **Status:** Existing
Begin M.P.: 0.00 **Length (miles):** 0.36 **Begin Termini:** 0.00 **End Termini:** 0.36

General Design Criteria and Elements

Functional Class:	Service Life:	Traffic Service Level:	Surface:	Width:	Critical Vehicle:	Design Vehicle:	Design Speed:
Local	IS	D	Shot Rock	14'	Log Truck	Log Truck	10 mph

Intended Purpose/Future Use: Silvicultural activities: Multiple entries may be needed. Salvage opportunities will be available.

Maintenance Criteria

Alternatives	Begin Milepost	End Milepost	Operational Maintenance Level:	Objective Maintenance Level: (desired future condition)
1, 5	0.00	0.36	1	1
2, 3, 4	0.00	0.36	exist - 1, during use - 2	1

Maintenance Narrative: Roads used in timber sales will brought up to existing standards incorporating best management practices prior to commercial haul and will be maintained at Maintenance Level 2 during use. Upon completion of the sale, the road will be returned to Maintenance Level 1 (closed and put into storage). Road is currently closed. Road will remain closed during harvest except for traffic associated with the timber sale.

Operation Criteria

Highway Safety Act: No **Jurisdiction:** National Forest **AFRPR Status:** active

Travel Management Strategies:

Alternatives: ALL
Encourage: N/A
Accept: High Clearance Vehicles, OHVs during sale. Bicycles, Hikers
Discourage: Passenger cars during sale.
Prohibit: N/A
Eliminate: All motorized vehicles post sale

Travel Management Narrative: This road is connected to the Hoonah – Gypsum road system, which is accessed by and connected to the city of Hoonah. It currently is, and will continue to be, closed to all traffic not associated with the timber sale. Road will be tank trapped and water barred to prevent access upon completion of sale. Road is brushed in.

District Ranger Approval

(signature) _____ Date: _____

Road Management Objectives

Site-specific Design Criteria

Road No. 85351

Road Location: Existing road, deferred maintenance may be needed including brushing, ditch cleaning, drainage maintenance and spot rocking.

Wetlands: All locations where road crosses designated wetlands will have adequate drainage structures installed. To meet silvicultural exemption the road cannot be widened and no excavated fill may be placed in wetland (33CFR BMPs 1, 5).

Erosion Control: An erosion control plan for construction and maintenance will be developed according to standard project specifications (BMP 14.5). All areas of organic or mineral soil exposed during construction shall be grass seeded and fertilized (BMP 12.17, 14.11, 14.8)

Rock Pits: During periods of high rainfall (as defined in current Regional specifications), blasting operations will be suspended at quarries or r/w construction near potential unstable sites where ground vibration may induce mass movement (BMP 14.6)

Resource Information:

Timber/Logging: No concerns

Soils/Water: No stream crossings mapped in GIS.

Silviculture: No concerns

Wildlife: No concerns.

Botany: No concerns.

Lands/Minerals/Geology/Karst: No carbonate bedrock present along existing road. No karst resource concerns identified.

Scenery: No concerns.

Recreation: No concerns.

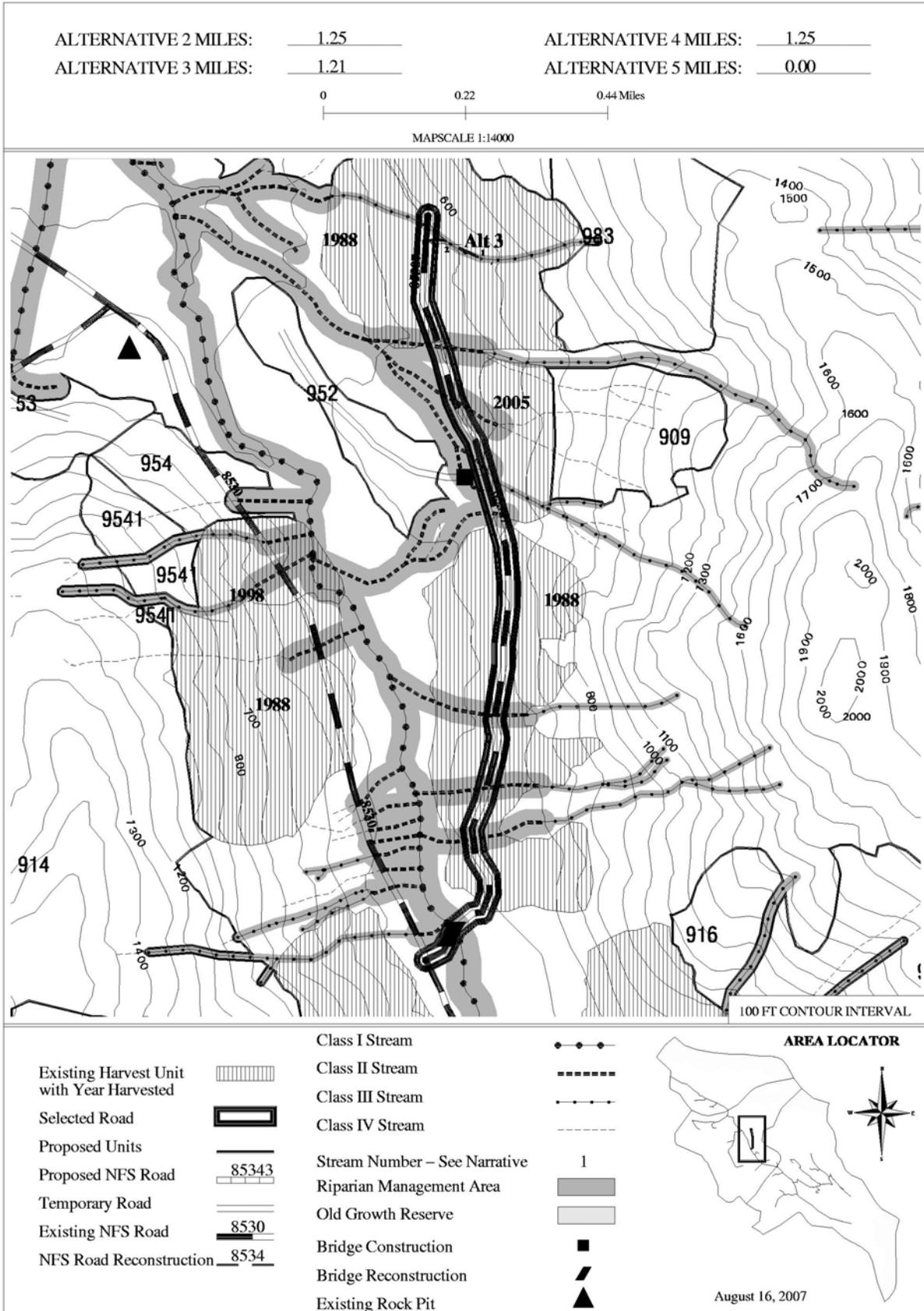
Heritage: No concerns.

Road Management Objectives

Stream Crossings

Road No. 85351

No GIS mapped stream crossings.



Road Management Objectives

Project/EIS: Iyouktug Timber Sale **System:** Hoonah - Gypsum **Land Use Designation:** Timber Production
Route No.: 85307 **Route Name:** Hoonah Gypsum 7 **Status:** Existing
Begin M.P.: 0.00 **Length (miles):** 1.34 **Begin Termini:** 0.00 **End Termini:** 1.34

General Design Criteria and Elements

Functiona	Service	Traffic	Surface:	Width:	Critical	Design	Design
1							
Class:	Life:	Service Level:			Vehicle:	Vehicle:	Speed:
Local	C	D	Shot Rock	14'	Log Truck	Log Truck	10 mph

Intended Purpose/Future Use: Silvicultural activities: Multiple entries may be needed. Salvage opportunities will be available.

Maintenance Criteria

Alternatives	Begin Milepost	End Milepost	Operational Maintenance Level:	Objective Maintenance Level: (desired future condition)
1, 5	0.00	1.34	1	1
2, 3, 4	0.00	1.34	exist – 1*, during use - 2	1

*Road is currently open

Maintenance Narrative: Roads used in timber sales will brought up to existing standards incorporating best management practices prior to commercial haul and will be maintained at Maintenance Level 2 during use. Upon completion of silvicultural activities, the road will be turned to Maintenance Level 1 (closed and put into storage). Road is currently open but maintained as Maintenance Level 1. Road will be closed during harvest except for traffic associated with the timber sale.

Operation Criteria

Highway Safety Act: No **Jurisdiction:** National Forest **AFRPR Status:** active

Travel Management Strategies:

Alternatives: ALL
 Encourage: N/A
 Accept: High clearance vehicles during sale. Bicycles, Hikers
 Discourage: Passenger cars during sale.
 Prohibit: N/A
 Eliminate: N/A

Travel Management Narrative: This road is connected to the Hoonah – Gypsum road system, which is accessed by and connected to the city of Hoonah. It currently is open, but is not maintained at Maintenance Level 2. This road will be closed and placed into storage after timber sale completion as part of the Access Travel Management decision (USDA Forest Service 2002); bridge replacement and removal upon timber sale completion would occur near the beginning of this road. Road will be tank trapped and water barred to prevent access upon completion of sale.

District Ranger Approval

(signature) _____ Date: _____

Road Management Objectives

Site-specific Design Criteria

Road No. 85307

Road Location: Existing road, existing log stringer will be replaced. Deferred maintenance may be needed including brushing, ditch cleaning, drainage maintenance and spot rocking.

Wetlands: All locations where road crosses designated wetlands will have adequate drainage structures installed. To meet silvicultural exemption the road cannot be widened and no excavated fill may be placed in wetland (33CFR BMPs 1, 5).

Erosion Control: An erosion control plan for construction and maintenance will be developed according to standard project specifications (BMP 14.5). All areas of organic or mineral soil exposed during construction shall be grass seeded and fertilized (BMP 12.17, 14.11, 14.8)

Rock Pits: During periods of high rainfall (as defined in current Regional specifications), blasting operations will be suspended at quarries or r/w construction near potential unstable sites where ground vibration may induce mass movement (BMP 14.6)

Resource Information:

Timber/Logging: No concerns

Soils/Water: Stream information is from the 2000 RCS database. One red pipe is listed at MP 1.03.

Silviculture: No concerns

Wildlife: No concerns.

Botany: No concerns.

Lands/Minerals/Geology/Karst: No carbonate bedrock present along existing road. No karst resource concerns identified.

Scenery: No concerns.

Recreation: No concerns.

Heritage: No concerns.

Road Management Objectives

Stream Crossings

Road No. 85307

A) Mile: 0.07 AHMU: 1 Channel Type: BF Width: BF Depth: Substrate:
MM2

Gradient: Structure: LSB Passage Req'd: Y Timing Dates:

Narrative: Existing 50-foot log stringer bridge will be replaced, the crossing will be installed under current timing restrictions. The stream crossing will be designed to accomplish fish passage for salmon and concurrence with Alaska DNR will be obtained. The bridge will be removed and the road closed after timber harvest is completed.

This page left blank intentionally.

Map front

Map back

Road Management Objectives

Project/EIS: Iyouktug Timber Sale **System:** Hoonah - Gypsum **Land Use Designation:** Timber Production
Route No.: 8534 **Route Name:** Iyouktug **Status:** Existing
Begin M.P.: 0.00 **Length (miles):** 5.35 **Begin Termini:** 0.00 **End Termini:** 5.35

General Design Criteria and Elements

Functional Class: Local	Service Life: C	Traffic Service Level: D	Surface: Shot Rock	Width: 14'	Critical Vehicle: Log Truck	Design Vehicle: Log Truck	Design Speed: 15 mph
-----------------------------------	---------------------------	------------------------------------	------------------------------	----------------------	---------------------------------------	-------------------------------------	--------------------------------

Intended Purpose/Future Use: Silvicultural activities: Multiple entries may be needed. Salvage opportunities will be available.

Maintenance Criteria

Alternatives	Begin Milepost	End Milepost	Operational Maintenance Level:	Objective Maintenance Level: (desired future condition)
1	0.00	5.35	2	2
2, 3, 4, 5	0.00	3.18	2	2
2, 3, 4, 5	3.18	5.35	2	1

Maintenance Narrative: Maintenance Level 2-maintain for high clearance vehicles in Alternative 1. Upon completion of the sale, the road past milepost 3.18 would be turned to Maintenance Level 1 (closed and put into storage) in Alternatives 2, 3, 4, and 5.

Operation Criteria

Highway Safety Act: No **Jurisdiction:** National Forest **AFRPR Status:** active

Travel Management Strategies:

Alternatives: 2, 3, 4, 5
 Encourage: N/A
 Accept: High Clearance Vehicles, ORV's, Motorcycles, Bicycles, Hikers
 Discourage: Passenger cars
 Prohibit: N/A
 Eliminate: Passenger Cars; Alts. 2, 3, 4, 5-all motorized use past milepost 3.18

Travel Management Narrative: This road is connected to the Hoonah – Gypsum road system, which is accessed by and connected to the city of Hoonah. This road currently is, and part of it will continue to be, used as part of the open transportation system upon completion of the timber sale. However, the last 2.9 miles will be closed after the timber sale. It would be closed and placed into storage after timber sale completion as part of the Access Travel Management decision (USDA Forest Service 2002); bridge replacement and removal upon timber sale completion would occur just northeast of the junction at proposed Road 8534311.

District Ranger Approval

(signature) _____ Date: _____

Road Management Objectives

Site-specific Design Criteria

Road No. 8534

Road Location: Existing road, log stringer bridges to be replaced. Deferred maintenance may be needed including brushing, ditch cleaning, drainage maintenance and spot rocking.

Wetlands: All locations where road crosses designated wetlands will have adequate drainage structures installed. To meet silvicultural exemption the road cannot be widened and no excavated fill may be placed in wetland (33CFR BMPs 1, 5).

Erosion Control: An erosion control plan for construction and maintenance will be developed according to standard project specifications (BMP 14.5). All areas of organic or mineral soil exposed during construction shall be grass seeded and fertilized (BMP 12.17, 14.11, 14.8)

Rock Pits: During periods of high rainfall (as defined in current Regional specifications), blasting operations will be suspended at quarries or r/w construction near potential unstable sites where ground vibration may induce mass movement (BMP 14.6)

Resource Information:

Timber/Logging: No concerns

Soils/Water: Stream information is from the 1999 and 2006 RCS database. One red pipe and one gray pipe remain.

Silviculture: No concerns

Wildlife: No concerns.

Botany: No concerns.

Lands/Minerals/Geology/Karst: No carbonate bedrock present along existing road. No karst resource concerns identified.

Scenery: No concerns.

Recreation: No concerns.

Heritage: No concerns.

Road Management Objectives

Stream Crossings

Road No. 8534

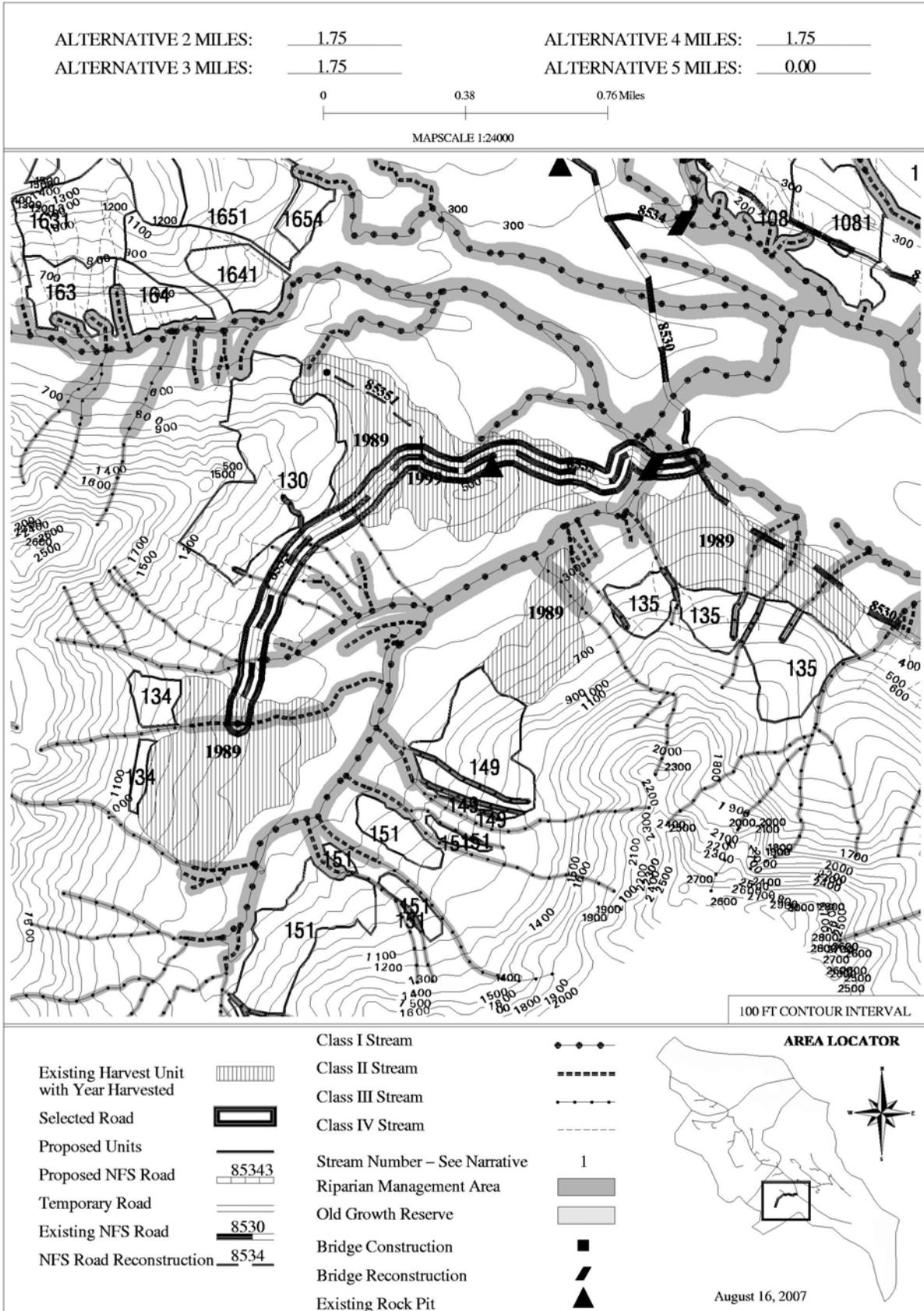
A) Mile: 0.215 **AHMU:** 1 **Channel Type:** MMBF **Width:** **BF Depth:** **Substrate:**
Gradient: **Structure:** Hamilton Bridge **Passage Req'd:** **Timing Dates:**
Narrative: Installed 2006, suitable for haul

B) Mile: 1.215 **AHMU:** 1 **Channel Type:** **BF Width:** **BF Depth:** **Substrate:**
 MM1
Gradient: **Structure:** LSB **Passage Req'd:** **Timing Dates:**
Narrative: Existing 40 foot log stringer bridge will be replaced, the crossing will be installed under current timing restrictions. The stream crossing will be designed to accomplish fish passage for trout and concurrence with Alaska DNR will be obtained.

C) Mile: 1.402 **AHMU:** 2 **Channel Type:** **BF Width:** **BF Depth:** **Substrate:**
 MM1
Gradient: **Structure:** LSB **Passage Req'd:** **Timing Dates:**
Narrative: Existing 50 foot log stringer bridge will be replaced, the crossing will be installed under current timing restrictions. The stream crossing will be designed to accomplish fish passage for trout and concurrence with Alaska DNR will be obtained.

D) Mile: 3.18 **AHMU:** 2 **Channel Type:** MMBF **Width:** **BF Depth:** **Substrate:**
Gradient: **Structure:** LSB **Passage Req'd:** **Timing Dates:**
Narrative: Existing 70 foot log stringer bridge will be replaced, the crossing will be installed under current timing restrictions. The stream crossing will be designed to accomplish fish passage for trout and concurrence with Alaska DNR will be obtained. The bridge will be removed and the road closed after timber sale/s are completed.

This page left blank intentionally.



Road Management Objectives

Project/EIS: Iyouktug Timber Sale	System: Hoonah - Gypsum	Land Use Designation: Timber Production
Route No.: 8535	Route Name: Sonya Kay	Status: Existing
Begin M.P.: 0.00	Length (miles): 1.75	Begin Termini: 0.00 End Termini: 1.75

General Design Criteria and Elements

Functional Class: Local	Service Life: C	Traffic Service Level: C	Surface: Shot Rock	Width: 14'	Critical Vehicle: Log Truck	Design Vehicle: Log Truck	Design Speed: 10 mph
-----------------------------------	---------------------------	------------------------------------	------------------------------	----------------------	---------------------------------------	-------------------------------------	--------------------------------

Intended Purpose/Future Use: Silvicultural activities: Multiple entries may be needed. Salvage opportunities will be available.

Maintenance Criteria

Alternatives	Begin Milepost	End Milepost	Operational Maintenance Level:	Objective Maintenance Level: (desired future condition)
ALL	0.00	1.75	3	3

Maintenance Narrative: Maintenance Level 3. Maintain function of all structures during timber harvest.

Operation Criteria

Highway Safety Act: No **Jurisdiction:** National Forest **AFRPR Status:** active

Travel Management Strategies:

Alternatives:	ALL
Encourage:	N/A
Accept:	Passenger Cars, High Clearance Vehicles, ORV's, Motorcycles, Bicycles, Hikers
Discourage:	N/A
Prohibit:	N/A
Eliminate:	N/A

Travel Management Narrative: This road is connected to the Hoonah – Gypsum road system, which is accessed by and connected to the city of Hoonah. It currently is, and will continue to be, used as part of the open transportation system upon completion of the timber sale.

District Ranger Approval

(signature) _____ Date: _____

Road Management Objectives

Site-specific Design Criteria

Road No. 8535

Road Location: Existing road log stringer bridges to be replaced. Deferred maintenance may be needed including brushing, ditch cleaning, drainage maintenance and spot rocking.

Wetlands: All locations where road crosses designated wetlands will have adequate drainage structures installed. To meet silvicultural exemption the road cannot be widened and no excavated fill may be placed in wetland (33CFR BMPs 1, 5).

Erosion Control: An erosion control plan for construction and maintenance will be developed according to standard project specifications (BMP 14.5). All areas of organic or mineral soil exposed during construction shall be grass seeded and fertilized (BMP 12.17, 14.11, 14.8)

Rock Pits: During periods of high rainfall (as defined in current Regional specifications), blasting operations will be suspended at quarries or r/w construction near potential unstable sites where ground vibration may induce mass movement (BMP 14.6)

Resource Information:

Timber/Logging: No concerns

Soils/Water: Stream information is from the 1999 and 2006 RCS database and, 2006 RCS database for the bridge. One gray culvert was surveyed in 2006 at MP 0.015. It is not currently scheduled for replacement.

Silviculture: No concerns

Wildlife: No concerns.

Botany: No concerns.

Lands/Minerals/Geology/Karst: Moderate vulnerability karst present along existing road. No karst resource concerns identified.

Scenery: No concerns.

Recreation: No concerns.

Heritage: No concerns.

Road Management Objectives

Stream Crossings

Road No. 8535

A) Mile: 0.15 AHMU: 1 Channel Type: FP3 BF Width: BF Depth: Substrate:
Gradient: Gradient: Structure: Bridge Passage Req'd: Y
Narrative: Existing 60 foot log stringer bridge will be replaced, the crossing will be installed under current timing restrictions. The stream crossing will be designed to accomplish fish passage for trout and concurrence with Alaska DNR will be obtained.