SECURE RURAL SCHOOLS AND COMMUNITY SELF-DETERMINATION ACT OF 2000 (REAUTHORIZED 2012)
PUBLIC LAW 112-141

TITLE II PROJECT SUBMISSION FORM
DIXIE NATIONAL FOREST ADVISORY COMMITTEE

Project Number (Assigned by Designated Federal Official):	

1. Project Name	Hells Backbone Road Drainage Maintenance	**2. County(s)**	Garfield
3. Project Sponsor	Dixie National Forest – Paul Dastrup	**4. Date**	10/31/2014
5. Sponsor's Phone Number	435-676-9352	**6. Sponsors E-mail**	pdastrup@fs.fed.us
7. Sponsor's Mailing Address	Dixie National Forest; PO Box 80; Panguitch, Utah 84759		

8. Forest Service Person Familiar With Project	Paul Dastrup

9. Title II Funds Requested	**10. Partner Contribution**	**11. Total Project Costs**
$71,494	**7,664 (FS)**	**$79,158**

12. Project Start Date:	Summer 2015	**Project End Date:**	Fall 2015

13. Project Location [Sec. 203(b)(1)] (Legal description, road #'s, watershed, land ownership.)

Forest Road 30153 from the Forest Boundary, approximately 7 miles north of Escalante, Utah to Hells Backbone Bridge.

14. Project Description [Sec. 203(b)(1)] (max 30 lines.)

During the summer of 2014, the Escalante area received several long duration and high intensity rain storms. These rainstorms caused severe washing of ditches and road surfacing on the Hells Backbone Road No. 30153. This damaged prompted the Dixie National Forest to perform a road condition survey to determine what had caused the damage.

This condition survey revealed that there are some serious issues with the drainage structures on the road. The problems identified, include

- Culverts that are totally plugged, that need to be removed and replaced
- Areas that need culverts, where none existed previously
- Culverts that are too short, causing a narrowing of the road and creating a safety hazard.
- Culverts that are partially plugged and need to be flushed
- Culvert outlets that are plugged by rolling rocks or other debris that are causing a backup of sediment in the culvert

This assessment categorized the problems as priority 1 and priority 2 problems.

- Priority 1 items identify work that if not performed will continue to cause damage to the roadway and continue with erosion problems and water quality issues. Safety issues were included in Priority 1 work
- Priority 2 items are routine maintenance items, that can be put off for a short time without causing immediate damage.

This proposal will focus on the priority 1 items and includes:

- Installing 316' of 18" culvert (Includes 8 extensions and 6 full length installations)

- Installing 172’ of 24” culvert (Includes 1 extension and 3 full length installations)
- Installing 54’ of 48” culvert (1 full length installation
- Cleaning 31culvert inlets
- Cleaning 23 culvert outlets
- Flushing 4 culverts
- Adding 2 – 45 degree elbows to an 18” culvert
- Filling ditches with 45 cubic yards of riprap
- Placing 8 cubic yards of riprap on culvert inlets
- Replace 1 end section
- Clean 1000 lf ditch

15. Project Goals and Objectives (what the project will accomplish) [Sec. 203(b)(1)] (max 20 lines)
Correct and maintain the drainage problems on 16 miles of the Hells Backbone Road #30153. Correcting these problems will: - Provide for a safer road - Reduce loss of gravel surfacing - Reduce sedimentation - Improve water quality

16. Coordination of this project with other related project(s) on adjacent lands?	**Yes**		**No**	**X**
If yes, then describe (max. 10 lines) Not applicable				

17. How does proposed project meet purposes of the Legislation? [Sec. 203(b)(1)] ***(check all that apply)***	
X	Improves maintenance of existing infrastructure. [Sec. 2 (2)(A)(i)]
X	Implements stewardship objectives that enhance forest ecosystems. [Sec. 2 (2)(A)(ii)]
X	Restores and improves land health and water quality. [Sec. 2 (2)(A)(iii)]
	Improves cooperative relationships between people that use and care for Federal land and the agencies that manage Federal land [Sec. 2 (3)]

18. Project Type [Sec. 203(b)(1)] ***(check all that apply)***			
X	Road Maintenance [Sec. 2 (2)(C)(i)]		Trail Maintenance [Sec. 2 (2)(C)(i)]
	Road Decommission/Obliteration [Sec. 2(2)(C)(i)]		Trail Obliteration [Sec. 2 (2)(C)(i)]
X	Soil Productivity Improvement [Sec. 2 (2)(C)(ii)]	**X**	Forest Health Improvement [Sec. 2 (2)(C)(iii)]
X	Watershed Restoration & Maintenance. [Sec. 2 (2)(C)(iv)]		Fish Habitat Restoration [Sec. 2 (2)(C)(v)]
	Control of Noxious Weeds [Sec. 2 (2)(C)(vi)]		Wildlife Habitat Restoration [Sec. 2 (2)(C)(v)]
	Reestablish Native Species [Sec. 2 (2)(C)(vii)]		Fuels Management/Prevention [Sec. 2 (2)(C)(iii)]
X	Other Infrastructure Maintenance [Sec. 2 (2)(C)(i)]		Conservation Education [Sec. 2 (3)]
	Other Project Type [Sec. 2 (2)(C)]	(Specify) Interpretive Trail Head Signs	

19. Measure of Project Accomplishments/Expected Outcomes [Sec. 203(b)(5)]					
a. Total Acres		*b. Total Miles*	**16**	*c. Number of Structures*	
d. No. Laborer Days		*e. Estimated People Reached (for conservation education projects):*			
f. Other (specify)	.				

20. Merchantable Material Contracting Pilots [Sec. 204(e)(3)]				
Will the project generate merchantable wood product	*Yes*		*No*	**X**

21. Proposed Method(s) of Accomplishment ***(check those that apply)***				
X	Contract		Federal Workforce	Other *(specify below)*
	County Workforce		Volunteers	State/UDOT

22. Budget Summary						
			Other Contributions			
Budget Categories	**Title II Funds Requested (1)**		**Forest Service (2)**	**Partner Name (3) FHWA/UPP**	**Partner Permittees (4)**	**Total Costs (5)**
a. Personnel						
b. Fringe benefits						
c. Travel			$1,114 IK			$1,114
d. Equipment						
e. SEPA, NEPA & Sec. 7 ESA consultation						
f. Permit acquisition						
g. Materials & supplies						
h. Project design & engineering & fabrication			$6,200 IK			$6,200
i. Contractual	$71,494 C					$71,494
j. Monitoring			$400 IK			$400
k. Education/Stewardship						
l. Other (specify)						
m. Other (specify)						
n. Other (specify)						
o. Indirect costs – Applicant/Partner						
p. Total	**$71,494**		**$7,714**			**$79,208**

You must attach a detailed cost worksheet to show additional information that supports the lump sum figures provided above which displays how you determined the

cost figures above, e.g. *Salary/Labor = hrs or days x rate; Travel = miles x rate or months x FOR rate, days x per diem rate; Equipment Use = hrs or days x rate; Supplies & Materials--list of items and estimated cost; Printing = estimated cost per item; Indirect Cost = Direct cost x current indirect rate.*

This information is needed to substantiate your budget estimate. In addition, indicate if contributions are Cash=C or In-Kind= IK. If your project requires Forest Service resources, be sure they are included in the Title II funds requested.

Use the attached cost worksheet or one of your choosing as long as specific details are included.

23. Project Work Form

List tasks and time frames necessary to complete your project. Show who will complete each task.

Tasks	Time Frame	Who Will Complete Work
Perform Design and Prepare Task Order	April 2015	Dixie National Forest
Submit to Contracting	May 2015	Dixie National Forest
Award Task	May 2015	Utah Acquisition & Service Center – Forest Service
Construction	June - August 2015	Contractor
Monitor Work and Review work accomplishments	September 2015	Forest Service

24. How will cooperative relationships between the people that use federal lands and the agencies that manage them be improved? List known partnerships or collaborative opportunities [Sec. 2 (3)]

Providing excellent service to the public improves the Forest Service image and relationship with the public it serves.

25. Do you have an education or stewardship component to the proposal? If so, please describe.

No

26. How is this project in the best interest of the community? [Sec. 203 (b)(7)] **Identify benefits to communities.**

Drainage structure maintenance is capable of providing the most road and drainage health for the dollar than any number of dollars spent on road blading. While road blading provides a smoother surface to drive on, improving drainage structures will provide for the continued use of that road for years to come and serve to protect down-slope watersheds by reducing road runoff and sedimentation. The communities in the surrounding areas would directly benefit by these efforts because their roads would be healthy for a much longer period of time.

Public complaints generally come from rough roads, not from drainage issues, however, the drainage issues have started to cause problems with the driveability and safety of the road.

27. How does project benefit federal lands/resources?

The project protects Federal Assets by reducing water damage to roadways and it will also reduce downslope sedimentation by diverting water properly to designed structures thereby keeping runoff water from overtopping roadways and washing roadbed sediment (Road Surfacing) to downslope watersheds and tributaries thus protecting our water resources.

28. Target Species Benefited (if applicable)	Not Applicable

29. Status of Project Planning [Sec. 204 (b)]						
a. NEPA* Analysis Complete?	*Yes*	**X**	*No*		*b. If no, give estimated date of completion*	
b. NOAA* Fisheries Sec. 7 ESA* Consultation Complete?	*Yes*		*No*		*Not Applicable*	**X**
c. USFWS* Sec. 7 ESA Consultation Complete?	*Yes*		*No*		*Not Applicable*	**X**
d. Survey & Manage Complete?	*Yes*	**X**	*No*		*Not Applicable*	**X**
e. COE* 404 Fill/Removal Permit Obtained?	*Yes*		*No*		*Not Applicable*	**X**
f. SHPO* Concurrence Received?	*Yes*		*No*		*Not Applicable*	**X**
g. Project Design(s) Completed?	*Yes*		*No*	**X**	April 2015 Completion	

**NEPA=National Environmental Policy Act, NOAA=National Oceanographic and Atmospheric Administration. ESA=Endangered Species Act, USFWS=Unites States Fish and Wildlife Service, COE=Army Corps of Engineers, SHPO = State Historic Preservation Officer*

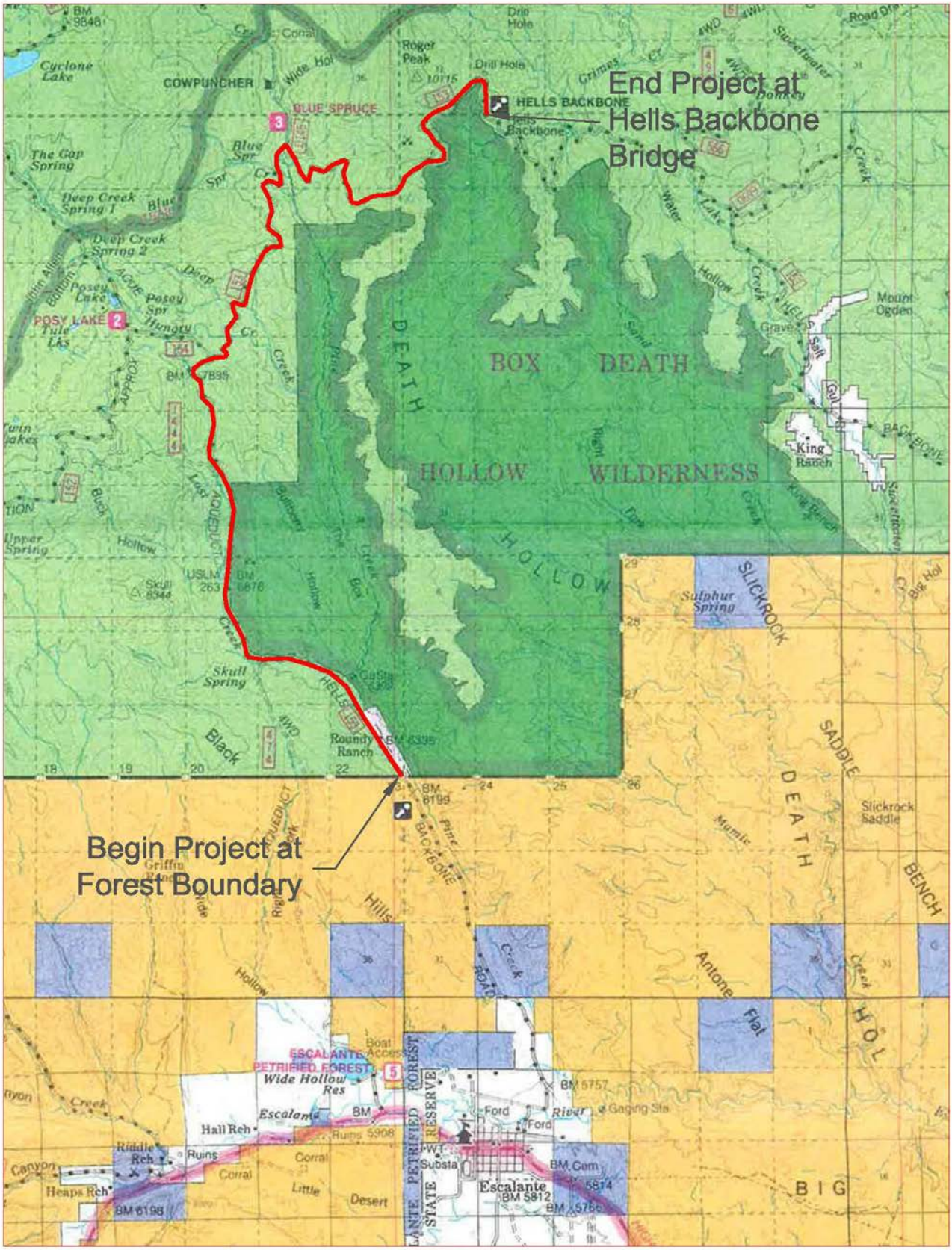
30. Monitoring Plan [Sec. 203(b)(6)]	
a. *How will the positive or negative impacts of the project be identified and tracked?* [Sec. 203 (b)(6)(A)]	
Asset maintenance will be visually inspected and tracked in the annual road maintenance plan and in IWEB database.	
Who is responsible for this monitoring item?	Engineering – Dixie National Forest
b. *How will the project be evaluated to determine how well the proposed project contributes towards local employment and/or training opportunities, including summer youth jobs programs such as the Youth Conservation Corps where appropriate?* [Sec. 203 (b)(6)(B)(i)]	
Contracting for the work will provide employment for the contractor and materials suppliers.	
Who is responsible for this monitoring item?	Engineering – Dixie National Forest
c. *If applicable, how will the project be evaluated to determine if the project improved the use of, or added value to, any products removed from the land?* [Sec. 203(b)(6)(B)(ii)] Not Applicable	
Who is responsible for this monitoring item?	Not Applicable
d. *Identify total funding needed to carry out specified monitoring tasks (Item k., Column D in Project Costs table)*	$200/year
What are the sources for funding?	Forest Service Annual CMRD Budget

31. Accomplishment Reporting
Accomplishment information will be shown in the annual road maintenance plan.

EXPANDED PROJECT BUDGET
See Attached Budget Cost Breakdown

			Other Contributions		
Cost Category Description	**Cost/Unit**	**Title II Funds Request**	**Forest Service**	**Partner**	**Total**
Contract					
	$71,494	$71,494			$71,494
Design & Construction Inspection and Administration					
Travel	$1,114		$1,114		$1,114
Design	$3,080		$3,080		$3,080
Construction Inspection and Administration	$3,120		$3,120		$3,120
Monitoring					
Personnel	$400		$400		$400
Subtotal					
Project Total	**$79,208**	**$71,494**	**$7,314**		**$79,208**

Insert maps here



Hells Backbone Drainage Maintenance
Detailed Cost Estimate

Construction Cost Estimate

Item	Quantity	Unit	Unit Price	Total Cost
18" Culvert	316	LF	$ 43.00	$ 13,588.00
24" Culvert	172	LF	$ 52.00	$ 8,944.00
36" Culvert	0	LF	$ 66.00	$ -
48" Culvert	54	LF	$ 83.00	$ 4,482.00
Clean Inlet	31	Each	$ 32.50	$ 1,007.50
Clean Outlet	23	Each	$ 65.00	$ 1,495.00
Flush Culvert	4	Each	$ 1,120.00	$ 4,480.00
Riprap	8	CY	$ 75.00	$ 600.00
Fill Ditch	45	CY	$ 30.00	$ 1,350.00
Remove CMP	3	Each	$ 500.00	$ 1,500.00
Ditch	75	LF	$ 5.00	$ 375.00
Elbows	2	Each	$ 500.00	$ 1,000.00
18" End Section	1	Each	$ 200.00	$ 200.00
Grader	40	Hrs	$ 145.00	$ 5,800.00
Trackhoe	40	Hrs	$ 165.00	$ 6,600.00
Dump Truck	80	Hrs	$ 95.00	$ 7,600.00
				$ 59,021.50
Bonds	3%			$ 1,770.65
Mobilization	600	Miles	$ 8.00	$ 4,800.00
Contingency	10%			$ 5,902.15
Total				$ 71,494.30

Note: Costs are based on Dixie ID/IQ Contract. Mobilization costs are for 4 pieces of equipment round trip mileage, Excavator, Backhoe, Dump Truck, Water Truck from Bicknell, Utah.

Travel

Design Miles	1000	0.33		$ 330.00
Inspection Miles	1600	0.49		$ 784.00
Total				$ 1,114.00

Design Cost Estimate				
	Days	Daily Rate		Cost
Assessment	6	400		$ 2,400.00
Task Order Prep	2	340		$ 680.00
				$ 3,080.00
Inspection Cost Estimate				
Inspection	8	340		$ 2,720.00
Inspection	1	400		$ 400.00
Total				$ 3,120.00
Engineering Total				$ 6,200.00

Contract				$ 71,494.30
Other Contribution Total				$ 7,314.00
Monitoring				$ 400.00
				$ 79,208.30