NE Region Worksheet

Total Score **195.61**

NER RAP Rating Worksheet
WAC 136-130-050 (click for WAC)

PROJECT TYPE	Reconstruction
FUNCTIONAL CLASS	07
AADT	1500
METHOD OF TRUCK ADT	Actual Seasonal
PROJECT LENGTH	1.00
ENTER TRUCK AADT	150
TERRAIN	Flat

NON FATAL ACCIDENTS		FATAL ACCIDENTS	
2001	6	2001	0
2002	5	2002	0
2003	5	2003	1

Condtitional Rating - Structural

Surface Type: Surfaced

- GRAVEL
- SAND
- CLAY
- SILT
- ORGANIC

1 Obtain representative sample(s) of project subbase
2 Dig or excavate down 3 ft with backhoe or auger.
3 Analyze material below surfacing based on table to the left.
4 Select that description.

Points 0

* MAINTENANCE COSTS - Gravel Roads

	County - Wide	Project Section
Maintenance Costs over 3 years	$0	$0
Total County Gravel Road Miles	0	1.00
Cost per Mile Per Year	$0	$0

Project miles to 100ths

Ratio of Costs: 0

Maintenance Score: 0

* Limit costs considered to: grading, regraveling, ditching, soil stabilization, and culvert cleaning and repair

ECONOMY FACTORS:

Grain Crops	0 - None
Other Field Crops	3 - < 25% OR 50 - 90 sq. mi
Horticulture	3 - < 25% OR 50 - 90 sq. mi
Dairy/Livestock	0 - None
Logging	5 - <= 50% OR 100 - 199 sq. mi
Industry/Mining	1 - Occassionally Used
Recreation	3 - < 25% OR 50 - 90 sq. mi

USE FACTORS:

Commercial Land	2 - Secondary Route Single Facility
Farm to Market	6 - Secondary/Paralell route regional facility
Military	1 - Occassionally
Connector Route	4 - Frequently Used Indirect Access Mult. Local Access
Community	0 - Not Applicable

SURFACE RATING	0	*(Assigned by CRAB Staff)*
SUBSURFACE RATING	0	

HORIZONTAL ALIGNMENT:

Design Speed: 50
0

VERTICAL ALIGNMENT:

Maximum Grade: 6.00%
15

PASSING SIGHT DIST.

Standard, ft: 800
0

	ROAD WIDTH	NE STD WIDTH
Aashto Standard Width	34	34
Existing Roadbed Width	24	Revised Score 4.00
Proposed Roadbed Width	32	

C No.	Ball Bank Speed Vb
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0

Do NOT Leave any blanks in these fields.

Grades	Grade, Mi.

Percent Deficient 0.00%

Sight Dist.	Length, Mi	C No.
		1
		2
		3
		4
		5
		6
		7
		8
		9
		10

Percent Safe 100.00%

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MISSING LINKS: None

LOCAL SIGNIFICANCE
Describe (one per biennium)

Clear Print

County: None

Project Name:

Project No.: (from prospectus)

NER RAP Rating Worksheet
WAC 136-130-050 (click for WAC)
Sheet 1 of 3

Project Type:

(SA Bridge Falls in 3R if Rehab - Recon is Replaced)

PRIORITY RATING FORMULA (WAC 136-130-050)

October 15, 2004

$$RP = 2.5[SR^{1.25} \quad LOG\ (100/CR)] + LM \quad = \quad 195.61$$

where:
RP = Priority Rating **(WSBIS RATING IF F.A. BRIDGE)**
SR = Service Rating
CR = Condition Rating
LM = Local Significance + Missing Link Rating

WORKSHEET SUMMARY

		Possible Points	Scored Points	
S R	**S**ervice **R**ating is made up of:			
	Traffic Equivalency	40	32.49	
	Accidents	10	10.00	
	Subtotal	50	42.49	SR
C R	Condition Rating is made up of:			
	1. Structural Condition			
	Surfaced Roads			
	Surface Condition	30	0	
	Subsurface Condition	20	0.00	
	Subtotal	50	0.00	
	Gravel Roads			
	Surface Condition	5	0	
	Subsurface Condition	10	0	
	Core Sample Test	15	0	
	Maintenance Costs	20	0	
	Subtotal	50	0.00	
	Structural Condition 3R = Subtotal x 1.5		0.00	
	Structural Condition Recon. = Subtotal x 1.0		0.00	
	2. Geometric Condition			
	Horizontal Alignment 15		0	
	Vertical Alignment 15		15	
	Less Pass. Sight Dist. (Recon Only) -5		0	
	(Subtotal Min Value is 2 points)			
	Width 20 Score Revised Up		4.00	
	Subtotal 50(+)		19.00	
	Geometric Cond. Rating for 3R = Subtotal X 0.5		0.00	
	Geometric Cond. Rating for reconst.= Subtotal X 1.0		19.00	
	TOTAL CONDITION RATING = Struct Cond. + Geometric Cond.		19.00	CR
L M	Local Significance Rating (see sheet 10)	10	0	
	Missing Link Rating (see sheet 10)	10	0	
	Signficance SubTotal		0	LM

Note: 1. Points assigned must be in proportion to percent of the minimum design standard acheived.
2. No points are allowed for conditions not to be improved by the project.
3. Reconstruction Proposals below design standards require WSDOT deviation approval.

Reset Submit Print