

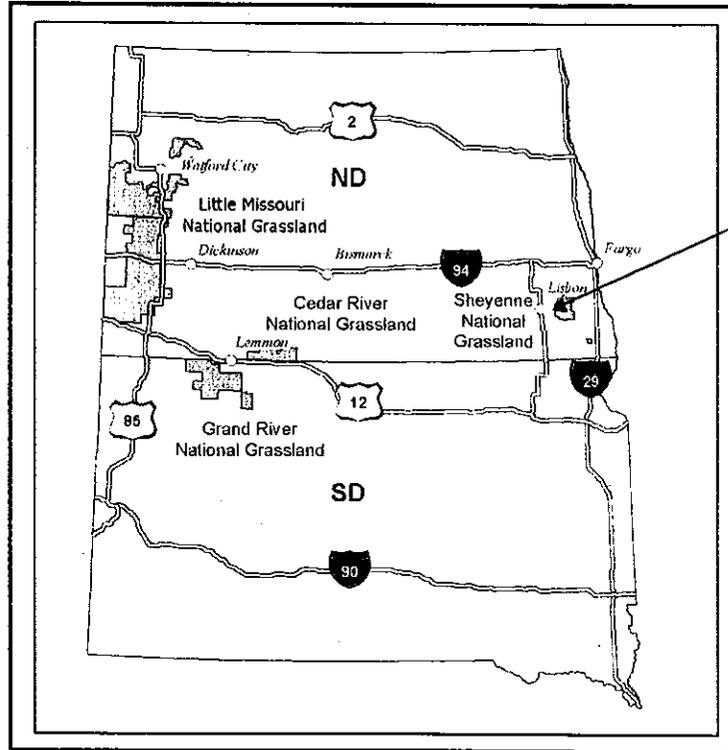


**SHEYENNE RANGER DISTRICT ROADS
NFSR #1227 ROAD RECONDITIONING**



**USDA – FOREST SERVICE – REGION ONE
DAKOTA PRAIRIE GRASSLANDS
SHEYENNE RANGER DISTRICT
RANSOM COUNTY, NORTH DAKOTA**

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**PROJECT
LOCATION**

Curtis Grudniewski

05/30/2014

PREPARED BY: NAME

DATE

Byron Stett

6/3/14

APPROVED BY: DISTRICT RANGER

DATE

Robert Glass

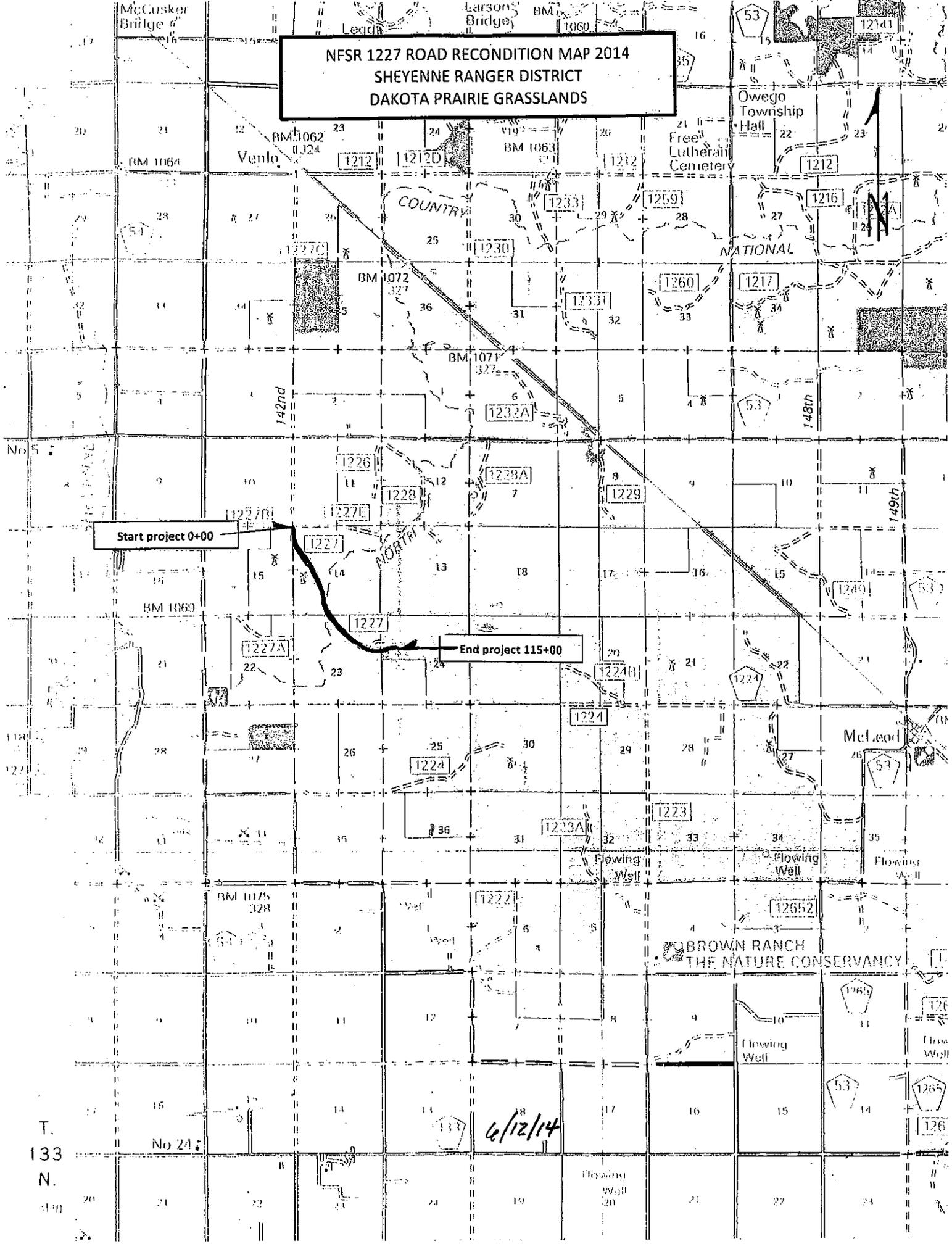
6/4/14

APPROVED BY: GRASSLANDS ENGINEER

DATE

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NFSR 1227 ROAD RECONDITION MAP 2014
SHEYENNE RANGER DISTRICT
DAKOTA PRAIRIE GRASSLANDS



Start project 0+00

End project 115+00

T. 133
N.

6/12/14

Construction Notes for NFSR 1227.

1. Remove topsoil on any borrow area before moving borrow material.
2. Borrow areas are immediately adjacent to the existing two track road and will be either "V" or flat bottom ditches as needed.
3. Remove and place borrow material as directed to construct fills to obtain a 12 foot subgrade width.
4. Compact all fills with hauling equipment so no visible deflection occurs in the subgrade surface prior to placing surfacing material.
5. Upon completion of the fill construction, replace the stored topsoil on the borrow area and then if additional topsoil remains place on abandoned two tracks in the immediate area.
6. Level all topsoil replacement to obtain a proper seed bed.
7. Place surfacing as per the road log for width and length shown on the plans and as directed by the engineer. The surfacing depth of all 10 foot wide areas is 4" compacted depth. The hauling equipment shall be used to obtain proper compaction of the surfacing material. Compact all surfacing with hauling equipment so no visible deformation occurs. If deformation occurs, the surface shall be smoothed out and recompacted.
8. Spot surfacing may be just the two track ruts – two feet wide – to filling in a pothole the entire diameter, the yardages are an estimate of necessary yardage to repair the damaged or rutted area of the road.
9. Surfacing material is government furnished(GFM) delivered aggregate is stockpiled at Rustads gravel pits. The contractor has to contact Rustads for delivery timeframes at 701-428-3896.

Road 1227 LOG NW section 14, T134N R54W in Ransom County, North Dakota

0+00 Start of project on north end, going south

0+50 Start spot surfacing two tracks, 2 foot wide for 15' long in each wheel track at 0+90, 1+25, 1+85, 3+75, 4+75, 6+00, 8+75, 9+00, 10+40, 2 foot wide for 200' long in each wheel track at 12+30 to 14+30. (25 total yds)

14+30 End spot surfacing

17+50 Move Centerline left to 19+00 and back to existing centerline at 21+50, 59 yds topsoil; surface 10' wide 17+50 to 21+50 (74 yds)

23+00 Borrow source

24+50 Start one foot fill to 28+50 (440'x1.5'x14') 311 yds; surface 10' wide 24+50 to 28+50 (74 yds)

28+50 Start borrow area left flat bottom ditch, remove topsoil place on existing vacated two track.

30+50 Move centerline left 31+50 stay left back to existing centerline 34+00 (59 yds topsoil) surface 10' wide 30+50 to 34+00. (65 Yds)

34+00 Start borrow flat bottom ditch to fill ahead

36+00 Start one foot fill ahead to 39+50 (350'x1.5'x14') --(272 yds), surface 10' wide 36+00 to 39+50 (65 yds)

41+60 Move centerline right, curve right, 43+00 curve left, (50 yds topsoil) surface 10' wide 41+60 to 45+00 (63 yds)

45+00 Back on existing centerline, start one foot fill to 50+50, (550'x1.5'x14') (428 yds) Surface 45+00 to 50+50 (102 yds)

50+50 No work till 52+50

52+50 Spot surfacing to 54+50 in two tracks, 2 foot wide in each wheel track 200 feet long- (15 yds)

54+50 No work to 58+00

57+00 North Country National Scenic Trail Crossing

58+00 Start one foot fill to 59+50(150'x1.5'x14') (117 yds); surface 10' wide 58+00 to 60+00 (37yds)

59+50 Borrow area ahead

61+50 Move centerline left -- (22 yds topsoil); surface 10' wide 61+50 to 63+00 (28 yds)

63+00 Back on existing centerline

67+00 Move centerline right 68+90 curve left 72+10 back on existing centerline - cut and fill on centerline ahead to 73+20, (91 yds); surface 10' wide 67+00 to 73+20 (115 yds)

73+60 Existing fence gate

74+00 Start one foot fill to 75+00 (100'x1.5'x14') (78 yds); surface 10' wide 74+00 to 75+00 (19 yds)

75+00 start surfacing in two tracks, 2 foot wide in each wheel track to 81+60 (49 yds)

81+60 Surface 10' wide 81+60 to 88+50 (128 yds)

82+00-84+00 strip topsoil (29 yds)

82+00-83+00 Start one foot fill (100'x1.5'x14') (78 yds)

83+50 Start one foot fill to 84+50 (100'x1.5'x14') (78 yds)

84+50 Start borrow to 88+50 flat bottom ditch as needed for borrow back to 84+00 +or-.

88+50 No work to 97+00

97+00 Grade saddle level ahead to 98+50, (33 yds); surfacing 10' wide 97+00 to 99+00 (37 yds)

100+20 Move centerline left to 102+50, (34 yds topsoil); Borrow source for fill ahead on left side of road, surface 10' wide 100+20 to 110+60 (193 yds)

102+00 – 104+ 00 Start 2.5 foot fill to 105+50 (200'x3.0'x16') (356 yds);

106+00 Start two foot fill to 107+50 (150'X2.5'X14') (194 yds)

108+00 Borrow ahead and back for fills at 107+00 and 110+00.

109+40 Start one foot fill to 110+60 (120'X2'X14') (124 yds)

110+60 Approach right to private land

111+80 Start one foot fill to 113+50(170'X2'X14') (176 yds); surface 10' wide to 114+00 (41 yds)

113 +50 Start borrow flat bottom ditch left side of road as needed at 113+00

115+00 **End of project.**