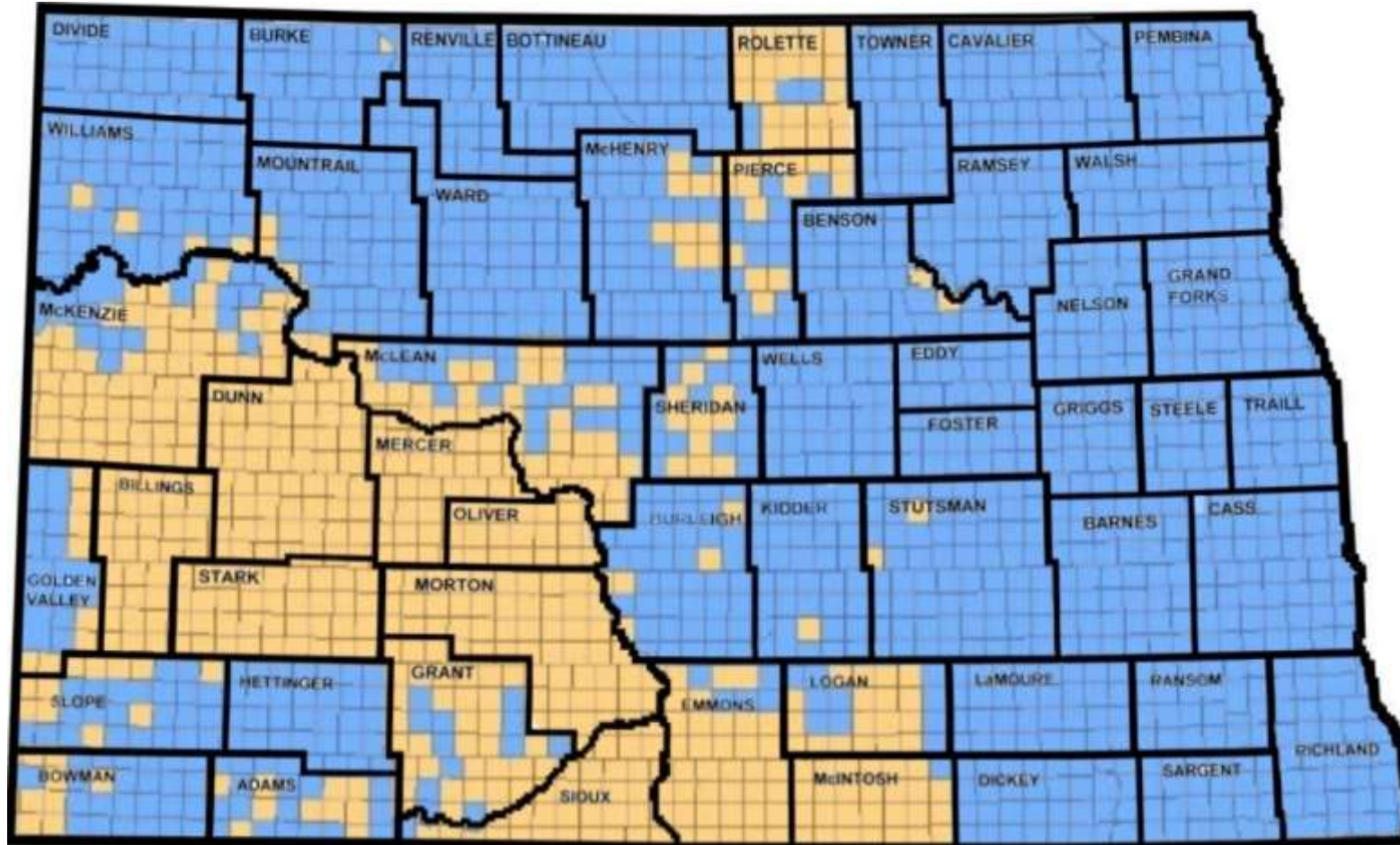


# Township Transportation Funding Program Update – HB 1015

**NDSU** UPPER GREAT PLAINS  
TRANSPORTATION INSTITUTE

**NDTOA** North Dakota Township  
Officers Association

NORTH  
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Unorganized Townships

# Township Transportation Funding Program

- Legislative Foundation – **HB 1015** - 2021
  - OMB Bill - Section 13 – Paragraph 2
- Provided: NDDOT \$100 million, \$10 million of which was to be used for matching Federal Funds for Township Road and Bridge Projects.



# Township Transportation Funding Program

- **Preliminary Concepts/Eligible Projects**
  - Multi-township-based **corridor improvements** such as gravel improvements of structural nature
    - Need to be in excess of 3.0 inches thick with engineered and tested gravel meeting NDDOT specifications for surfacing gravel.
  - **Bundling of minor structure improvements** across a multi-township area.
  - **Roadway flood resiliency improvements** so the roadway meets the logical design “Q” of the pipes along the corridor.
  - **Signing improvement** projects for elevating safety across a multi-township region.





This reminder is only being sent to Township Clerks PLEASE SHARE WITH THE REST OF THE BOARD. **The Application deadline is May 31, 2022.**

We are urging all townships to apply for the Township Transportation Fund Program Grants. The grants are for structural and safety improvement. There is no local match for the grants. Many different types of projects can qualify, soft-spot repair, grade raises, road rebuilding, culvert replacement, tree removal, drainage issues, graveling, and the list goes on. The idea is that these grants will cure the problems that maintenance funds can not even begin to touch. Some of the federal grants pay-off 4 to 1 so the \$10 million of ND money could become as much as \$50 million. That is no way guaranteed but imagine how much good \$50 million could do for ND Township roads. You must apply to make it work for you.

The applications are taken online, if you don't have computer or internet access perhaps someone else in your township or a friend or relative could help. This is a chance to get some serious work done on your roads, don't let it slip by for lack of internet use.

There was a guide to the grant application in the Grassroots Report to help you prepare the answers before going online, fill it out and give it to the person that will do the application.

The link to the application can be found at:

**<https://www.dot.nd.gov/divisions/localgov/ttfp.htm>**

If your Township has road damage from the recent storms & floods, please report it to your county emergency manager. The TTFP Grants do not take the place of the FEMA process.





Table 4.2. Suggested gravel layer thicknesses for new or reconstructed rural roads.

Estimated daily no. of heavy trucks	Subgrade support condition <sup>1</sup>	Suggested minimum gravel layer thickness, mm (in)
0 to 5	Low	165 (6.5)
	Medium	140 (5.5)
	High	115 (4.5)
5 to 10	Low	215 (8.5)
	Medium	180 (7.0)
	High	140 (5.5)
10 to 25	Low	290 (11.5)
	Medium	230 (9.0)
	High	180 (7.0)
25 to 50	Low	370 (14.5)
	Medium	290 (11.5)
	High	215 (8.5)

*Notes.* <sup>1</sup> Low subgrade support: average CBR  $\leq$  3 percent; medium subgrade support: 3 percent < average CBR  $\leq$  10 percent; high subgrade support: average CBR > 10 percent. <sup>2</sup> CBR = California Bearing Ratio of the in-place subgrade soils. Methods of estimating CBR are discussed in section 7 of this document.



# CUBIC YARDS PER MILE

Width of the roadway in feet

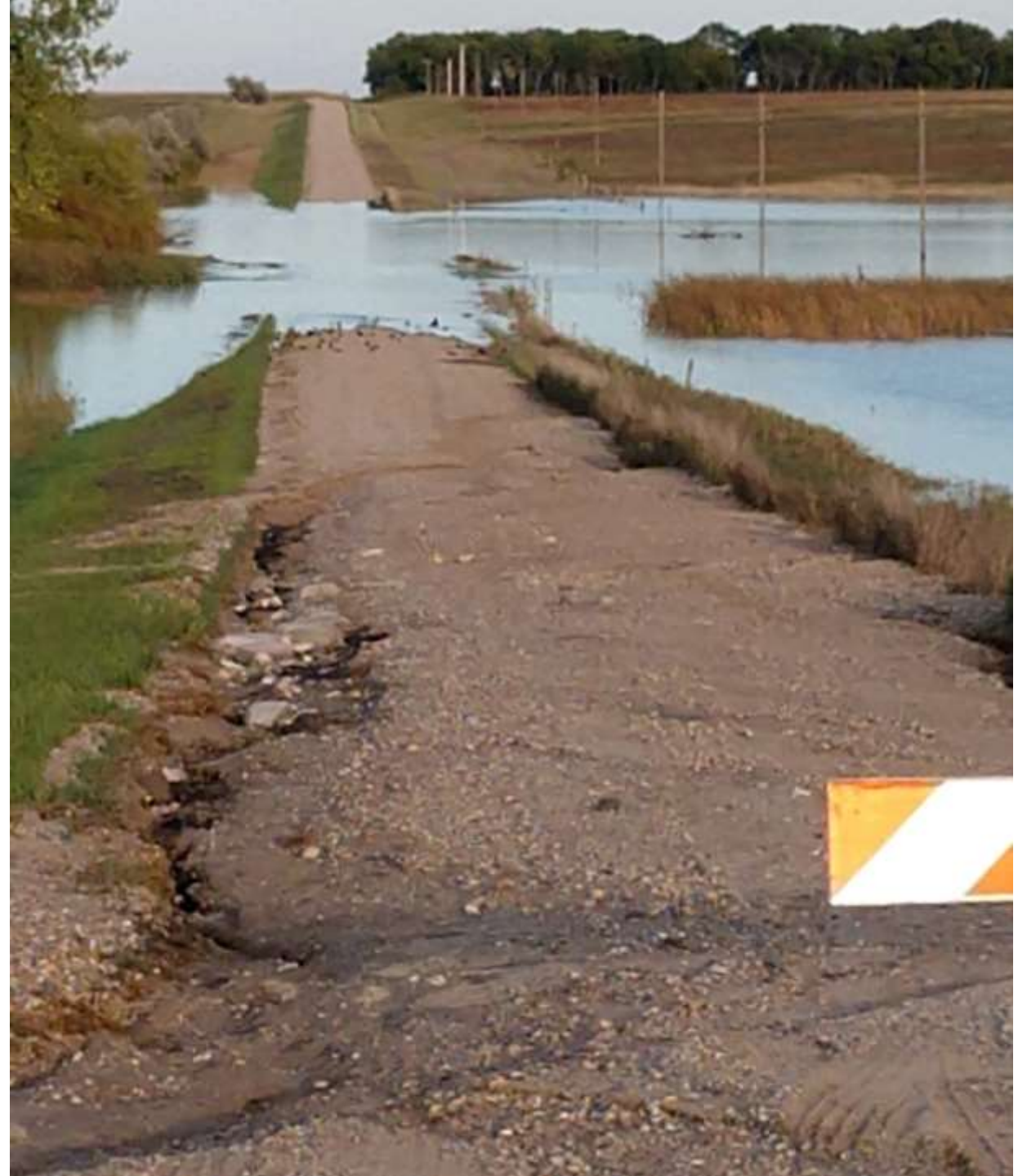
	12	14	16	18	20	22	24	26	28	30
1	244.44	285.19	325.93	366.67	407.41	448.15	488.89	529.63	570.37	611.11
1.5	366.67	427.78	488.89	550	611.11	672.22	733.33	794.44	855.56	916.67
2	488.89	570.37	651.85	733.33	814.81	896.3	977.78	1059.3	1140.7	1222.2
2.5	611.11	712.96	814.81	916.67	1018.5	1120.4	1222.2	1324.1	1425.9	1527.8
3	733.33	855.56	977.78	1100	1222.2	1344.4	1466.7	1588.9	1711.1	1833.3
3.5	855.56	998.15	1140.7	1283.3	1425.9	1568.5	1711.1	1853.7	1996.3	2138.9
4	977.78	1140.7	1303.7	1466.7	1629.6	1792.6	1955.6	2118.5	2281.5	2444.4
4.5	1100	1283.3	1466.7	1650	1833.3	2016.7	2200	2383.3	2566.7	2750
5	1222.2	1425.9	1629.6	1833.3	2037	2240.7	2444.4	2648.1	2851.9	3055.6
5.5	1344.4	1568.5	1792.6	2016.7	2240.7	2464.8	2688.9	2913	3137	3361.1
6	1466.7	1711.1	1955.6	2200	2444.4	2688.9	2933.3	3177.8	3422.2	3666.7
6.5	1588.9	1853.7	2118.5	2383.3	2648.1	2913	3177.8	3442.6	3707.4	3972.2
7	1711.1	1996.3	2281.5	2566.7	2851.9	3137	3422.2	3707.4	3992.6	4277.8
7.5	1833.3	2138.9	2444.4	2750	3055.6	3361.1	3666.7	3972.2	4277.8	4583.3
8	1955.6	2281.5	2607.4	2933.3	3259.3	3585.2	3911.1	4237	4563	4888.9
8.5	2077.8	2403.7	2729.6	3055.6	3381.5	3707.4	4033.3	4359.3	4685.2	5011.1
9	2200	2566.7	2933.3	3300	3666.7	4033.3	4400	4766.7	5133.3	5500
9.5	2322.2	2709.3	3096.3	3483.3	3870.4	4257.4	4644.4	5031.5	5418.5	5805.6
10	2444.4	2851.9	3259.3	3666.7	4074.1	4481.5	4888.9	5296.3	5703.7	6111.1
10.5	2566.7	2994.4	3422.2	3850	4277.8	4705.6	5133.3	5561.1	5988.9	6416.7
11	2688.9	3137	3585.2	4033.3	4481.5	4929.6	5377.8	5825.9	6274.1	6722.2
11.5	2811.1	3279.6	3748.1	4216.7	4685.2	5153.7	5622.2	6090.7	6559.3	7027.8
12	2933.3	3422.2	3911.1	4400	4888.9	5377.8	5866.7	6355.6	6844.4	7333.3

Compacted depth of material in

Note: To convert cubic yards to tons multiply the yards by 1.4 (this is approximate)

This chart uses a compaction factor of 25%.



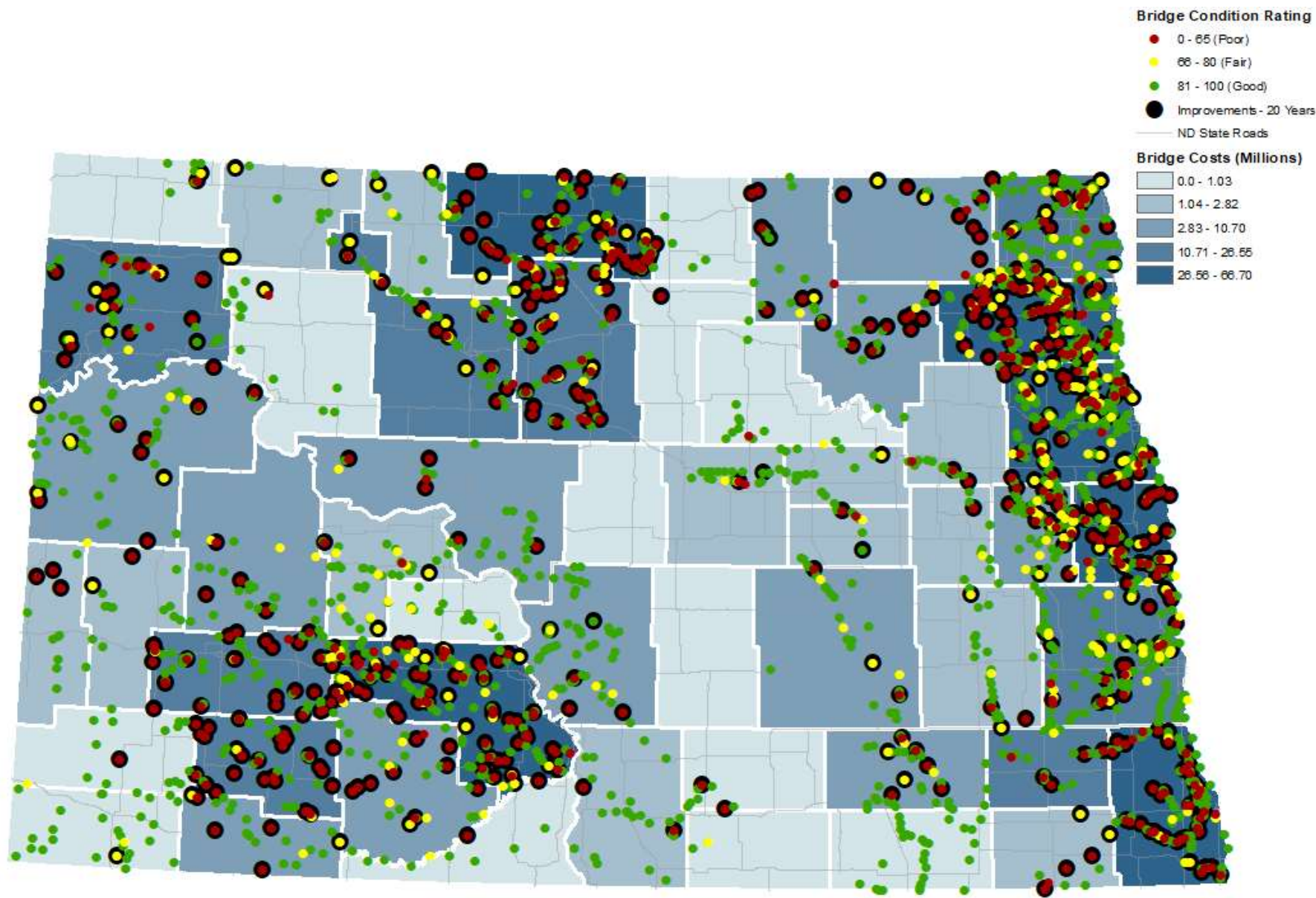












North Dakota local  
roadway bridge  
info:  
About 3,100 bridges

- 47% good
- 14% poor
- 21% posted



# HB 1015 Questions?

Program link, [www.NDDOT](http://www.NDDOT) - Township Transportation Funding Program (TTFP)



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