

Grant County

Five-Year County Highway and Bridge Improvement Plan



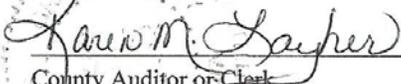
COVER FORM AND CERTIFICATION

The following text shall be included on the front cover of the County Highway and Bridge Improvement Plan:

Certification: As approved this 4th day of October, 2016
Grant County Commission

By: 
County Commission Chairperson

Attest:



County Auditor or Clerk

County Contact Person: Kerwin Schultz
Phone Number: 605-432-5861
Email Address: kerwin.schultz@state.sd.us

Received by SDDOT on _____
Approved by SDDOT on _____

CHECKLIST OF REQUIREMENTS

Cover Form with Certification

Maps

Map including roadway classification and bridge locations (if DOT unaltered maps are used at public meeting and are not attached, check here _____)

Map showing Five-year programmed project locations from the Programmed Project listing

Inventory lists

Highways: include location and surface type (a map is acceptable; if DOT unaltered maps are used at public meeting and are not attached, check here _____)

Bridges: include location, sufficiency rating, and actual load limits if posted.

Projected Revenue Available per year

5-year Project List (Programmed Projects)

Annual update Project List (not required for first time plan submittal)

Affidavit of publication of public meeting notice (copy of the notice or article alone, is not sufficient)

Township coordination letters/notice (sample letter and mailing list is acceptable)

Attendance list from public meeting (all attendees – not just commission members)

Public Comments (if no comments are received, clearly indicate that in the plan submittal)

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What is the Five-Year County Highway and Bridge Improvement Plan?

Transportation planning is a cooperative process designed to foster involvement by all users of the system, such as the business community, community groups, the traveling public, freight operators and the general public through a proactive public participation process conducted by the county. The planning process also fosters communication of local governments such as townships, towns and larger cities to jointly discuss transportation needs and coordinate improvements.

The Grant County Five-Year County Highway and Bridge Improvement Plan (Plan) is a short-range planning document that will be developed and updated annually based on needs and identified Grant County transportation policies. The plan will include roadway classifications, roadway and bridge inventory, a five-year list of the projected revenue for highway and bridge improvements, a five-year list of programmed highway and bridge projects based on the projected revenue, and the status of programmed projects from the previous plan.

The Plan is to be used as a tool to assist the county in budgeting, planning and incorporating the needs and concerns of the public.

Development of the Plan

Grant County developed this plan with assistance from the First District Association of Local Governments. Projects identified in the plan Projects were generated from many sources including elected officials, studies, inventory management systems, local knowledge, staff members and other interested individuals and groups.

Once the programmed project list was developed, Township officials and the public were invited to a coordination/public meeting to provide an opportunity for public comment. That meeting was noticed in the Grant County Review newspaper and held on September 6, 2016. Based on the results of the Township/public meeting and comments from the County Commission, a final version of the Plan was developed by the First District. This final version was then adopted by the County Commission on October 4, 2016.

What is included in the Plan?

The Plan includes the following information:

1. Maps (See Appendix)

The following maps are included in the Appendix.

- **Functional Class and Bridge Location/Sufficiency Rating Map**

- Roadway classification is the process by which streets and highways are grouped into classes, or systems, according to the character of service they are intended to provide. Basic to this process is the recognition that individual roads and streets do not serve travel independently in any major way. Rather, most travel involves movement through a network of roads. It becomes necessary then to determine how this travel can be channelized within the network in a logical and efficient manner. Functional classification defines the nature of this channelization process by defining the part that any particular road or street should play in serving the flow of trips through a highway network.

Examples of classification of roadways are:

- Arterial – Roadways with higher traffic with a longer uninterrupted distance
- Collector – Roadways that connect traffic from the local roads to the arterials
- Local – Roadways that have little or no through movement and typically serve short travel distances

Design standards are tied to functional classification. Each class has a range of allowable lane widths, shoulder widths, curve radii, etc.

The Functional Class and Bridge Location/Sufficiency Rating Map shows the functional classification of roadways and bridge structures in Grant County.

- **Surface Type and Average Daily Traffic (ADT) and Bridge Location/Sufficiency Rating Map**

- The Surface Type and Average Daily Traffic (ADT) and Bridge Location/Sufficiency Rating Map shows the inventory of roads within Grant County by location and surface type (gravel, blotter, asphalt concrete, etc.). It also provides ADT counts at various locations within the county.

- **Five-Year Project Location Map**

- The Five-year Project Location Map shows the location proposed identified in the five year programmed project list.

2. Lists/Tables (See Appendix)

- **Bridge Inventory List**

- The Bridge Inventory List shows an inventory of the bridges for which the county is responsible per SDCL 31-14-2. The list identifies the location of the bridge, sufficiency rating, type, length, width, year built, last year improved, whether the bridge is posted for load capacity and the percent below legal load capacity.

- **Project Needs List**

- To help in programming five years of projects, the County created a list of all the highway and bridge needs in the county. This list includes a project location, project description with an improvement type (reconstruction, maintenance, surfacing, structure replacement or rehabilitation) and a project estimate. Projects contained in the project needs list are organized according to project need based on input from public leaders, staff and the general public. The needs are ranked as high, medium or low priority. The needs list helps to show the public and elected officials the needs in the county.
- In developing the list of needs, the County considered traffic generators such as schools, grain terminals, large dairies, ethanol plants, etc. and the impacts from the traffic generators. The County also considered safety issues. Examples of safety projects are narrow or non-existent shoulders, pavement markings, blind corners, sharp curves, steep side slopes and poor sight distance. The County also considered system needs such as preservation of existing facilities. Preventive maintenance is typically applied to pavements in good condition having significant remaining service life. As a major component of pavement preservation, preventive maintenance is a strategy of extending the service life by applying cost-effective treatments to the surface or near-surface of structurally sound pavements. Examples of preventive treatments include asphalt crack sealing, chip sealing, slurry or micro-surfacing, thin and ultra-thin asphalt overlays, concrete joint sealing, diamond grinding, dowel-bar retrofit, and isolated, partial and/or full-depth repairs.
- The needs list identifies problems or deficiencies and explores possible solutions.
- Some of the needs may be short-term, and some may be long-term. The long-term needs may require several projects in order to complete.

- **Project List (Five-year programmed project list based on projected funding)**

- The Project List is based on projected revenue available. It includes project location, project description with improvement type, funding source(s) and a planning level or engineer's estimate.

- The projects contained in the project list are organized according to programmed year and are based on needs and input from public leaders, staff and the public. The programmed projects will show what projects can be done with the funding available.
- Portions of a project may be unfunded. A portion of the project cost planned for the five years included in the Plan may include grant funding which has been or will be applied for, but not yet approved.
- Bridge Improvement Grants include Preliminary Engineering Grants, Bridge Rehabilitation Grants and Bridge Replacement Grants.
- Equipment is often a large portion of the transportation budget and is considered when evaluating project selections.
- **Projected Revenue Table (Five-year budget projection for highway and bridge program)**
 - The Plan projected revenue table identifies the amount of funds projected to be available for highway and bridge use over the next five years.
 - The table includes non-confirmed but potential revenue sources such as grant funds which may or may not have been applied and for which confirmation has not yet been received.
 - Planned expenditures for each project are summarized into funding categories. The funding categories reflect anticipated revenue sources.
- **Revenue Sources** – This includes the following types of funding categories:
 - **Local Funds**– The taxes levied portion of the revenue estimates includes a variety of funding sources, including wheel tax, property tax, motor vehicle licenses, etc.
 - **Intergovernmental Revenue** – The Intergovernmental sources of revenue includes charges for services for townships and road districts.
 - **State Funds** - These are any revenues from the state for highway purposes including Bridge Improvement Grants (BIG), Exchange for Surface Transportation Program (STP) Funds, Agri-Business Grants, etc.
 - **Federal Funding** - Federal funding is available through various programs included in Federal transportation legislation. SDDOT administers most of these programs. They include Emergency Relief (ER), Federal Emergency Management Agency (FEMA), Surface Transportation Program Funds, Transportation Alternative Program (TAP), Safety funds, County-Wide Signing Projects, etc.
 - **Other** – Miscellaneous funding sources include transfer of general funds, sale of surplus property, and others that do not fit into the categories above.

- **Annual Update of Project List**

- The Annual Update of Project List is a review of the status of projects from the previous year.

APPENDIX

Bridge Inventory List

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Sample of Coordination Letter sent to Township Officials

Affidavit of Publication for Notice of Public Meeting

Public Meeting Attendance List/ Comments from Public Meeting

Grant County Resolution of Adoption

BRIDGE INVENTORY LIST

Str No	Owner	Condition	Main Material	Main Design	Length (meters)	Length (ft)	Width (meters)	Width (ft)	Year Built	Year Rec'd	Open/Paved/Closed (ft)	posting	surf rate	location	sub rating	sp rating	cul rating	score CRT	sk total	feits price	bypass km	dk rating	deficiency
2601040	2 County Hwy Agency	1	Concrete	01 Slab	26.72	87.99	2.57	8.44	1948	-1	A. Open, no restriction	5	78.8	2.60W & 0.31N MARVN	5	7	N	U	95	N	3.218504	7	
2601041	2 County Hwy Agency	1	Concrete	01 Stringer/Girder	32.0	104.99	3.20	10.50	1930	-1	P. Paved for load	2	48.2	13.0W & 1.33S MARVN	4	5	N	U	52	N	3.218504	5	5
2601042	2 County Hwy Agency	1	Concrete	01 Slab	28.17	92.57	2.82	9.26	1948	-1	A. Open, no restriction	5	80.8	3.18W & 0.31N MARVN	5	8	N	U	95	N	3.218504	7	
2602130	2 County Hwy Agency	1	Concrete	19 Culvert	61.3	201.13	6.13	20.11	1984	-1	A. Open, no restriction	5	99.0	3.18W & 1.33S MARVN	5	8	N	U	95	N	3.218504	7	
2602131	2 County Hwy Agency	1	Concrete	04 Tee Beam	21.90	71.85	2.19	7.18	1982	-1	A. Open, no restriction	5	99.0	3.18W & 1.33S MARVN	5	8	N	U	95	N	3.218504	7	
2603017	2 County Hwy Agency	1	Concrete	03 Stringer/Girder	31.44	103.15	3.14	10.31	1958	-1	P. Paved for load	0	48.2	13.3W & 1.33S MARVN	7	8	N	U	45	N	3.218504	6	5
2603018	2 County Hwy Agency	1	Concrete	04 Tee Beam	30.68	100.63	3.07	10.07	1996	-1	A. Open, no restriction	5	97.0	13.2W & 1.33S MARVN	7	8	N	U	25	N	3.218504	6	5
2603019	2 County Hwy Agency	1	Concrete	03 Stringer/Girder	8.09	26.54	0.81	2.65	1952	-1	P. Paved for load	3	40.3	25 & 12.5W MARVN	4	5	N	U	107	N	3.218504	6	5
2603020	2 County Hwy Agency	1	Concrete	04 Tee Beam	66.2	217.19	6.62	21.71	2004	-1	A. Open, no restriction	5	58.0	12.5W & 1.33S MARVN	7	8	N	U	65	N	3.218504	7	
2603021	2 County Hwy Agency	1	Concrete	04 Tee Beam	4	13.12	0.4	1.31	2008	-1	A. Open, no restriction	5	58.0	6.05 & 12.5W MARVN	7	7	N	U	42	N	3.218504	7	
2603022	2 County Hwy Agency	1	Concrete	21 Channel Beam	24.88	81.60	2.49	8.07	2008	-1	A. Open, no restriction	5	20.0	13.0W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603023	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603024	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603025	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603026	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603027	2 County Hwy Agency	1	Concrete	04 Tee Beam	30.68	100.63	3.07	10.07	1996	-1	A. Open, no restriction	5	97.0	13.2W & 1.33S MARVN	7	8	N	U	25	N	3.218504	6	5
2603028	2 County Hwy Agency	1	Concrete	04 Tee Beam	66.2	217.19	6.62	21.71	2004	-1	A. Open, no restriction	5	58.0	12.5W & 1.33S MARVN	7	8	N	U	65	N	3.218504	7	
2603029	2 County Hwy Agency	1	Concrete	04 Tee Beam	4	13.12	0.4	1.31	2008	-1	A. Open, no restriction	5	58.0	6.05 & 12.5W MARVN	7	7	N	U	42	N	3.218504	7	
2603030	2 County Hwy Agency	1	Concrete	21 Channel Beam	24.88	81.60	2.49	8.07	2008	-1	A. Open, no restriction	5	20.0	13.0W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603031	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603032	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603033	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603034	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603035	2 County Hwy Agency	1	Concrete	04 Tee Beam	30.68	100.63	3.07	10.07	1996	-1	A. Open, no restriction	5	97.0	13.2W & 1.33S MARVN	7	8	N	U	25	N	3.218504	6	5
2603036	2 County Hwy Agency	1	Concrete	04 Tee Beam	66.2	217.19	6.62	21.71	2004	-1	A. Open, no restriction	5	58.0	12.5W & 1.33S MARVN	7	8	N	U	65	N	3.218504	7	
2603037	2 County Hwy Agency	1	Concrete	04 Tee Beam	4	13.12	0.4	1.31	2008	-1	A. Open, no restriction	5	58.0	6.05 & 12.5W MARVN	7	7	N	U	42	N	3.218504	7	
2603038	2 County Hwy Agency	1	Concrete	21 Channel Beam	24.88	81.60	2.49	8.07	2008	-1	A. Open, no restriction	5	20.0	13.0W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603039	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603040	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603041	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603042	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603043	2 County Hwy Agency	1	Concrete	04 Tee Beam	30.68	100.63	3.07	10.07	1996	-1	A. Open, no restriction	5	97.0	13.2W & 1.33S MARVN	7	8	N	U	25	N	3.218504	6	5
2603044	2 County Hwy Agency	1	Concrete	04 Tee Beam	66.2	217.19	6.62	21.71	2004	-1	A. Open, no restriction	5	58.0	12.5W & 1.33S MARVN	7	8	N	U	65	N	3.218504	7	
2603045	2 County Hwy Agency	1	Concrete	04 Tee Beam	4	13.12	0.4	1.31	2008	-1	A. Open, no restriction	5	58.0	6.05 & 12.5W MARVN	7	7	N	U	42	N	3.218504	7	
2603046	2 County Hwy Agency	1	Concrete	21 Channel Beam	24.88	81.60	2.49	8.07	2008	-1	A. Open, no restriction	5	20.0	13.0W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603047	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603048	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603049	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603050	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603051	2 County Hwy Agency	1	Concrete	04 Tee Beam	30.68	100.63	3.07	10.07	1996	-1	A. Open, no restriction	5	97.0	13.2W & 1.33S MARVN	7	8	N	U	25	N	3.218504	6	5
2603052	2 County Hwy Agency	1	Concrete	04 Tee Beam	66.2	217.19	6.62	21.71	2004	-1	A. Open, no restriction	5	58.0	12.5W & 1.33S MARVN	7	8	N	U	65	N	3.218504	7	
2603053	2 County Hwy Agency	1	Concrete	04 Tee Beam	4	13.12	0.4	1.31	2008	-1	A. Open, no restriction	5	58.0	6.05 & 12.5W MARVN	7	7	N	U	42	N	3.218504	7	
2603054	2 County Hwy Agency	1	Concrete	21 Channel Beam	24.88	81.60	2.49	8.07	2008	-1	A. Open, no restriction	5	20.0	13.0W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603055	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603056	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603057	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603058	2 County Hwy Agency	1	Concrete	04 Tee Beam	24.3	79.87	2.43	7.98	1982	-1	A. Open, no restriction	5	61.0	12.5W & 1.33S MARVN	5	5	N	U	52	N	3.218504	7	
2603059	2 County Hwy Agency	1	Concrete	04 Tee Beam	30.68	100.63	3.07	10.07	1996	-1	A. Open, no restriction	5	97.0	13.2W & 1.33S MARVN	7	8	N	U	25	N	3.218504	6	5
2603060	2 County Hwy Agency	1	Concrete	04 Tee Beam	66.2	217.19	6.62	21.71	2004	-1	A. Open, no restriction	5	58.0	12.5W & 1.33S MARVN	7	8	N	U	65	N	3.218504	7	
2603061	2 County Hwy Agency	1	Concrete	04 Tee Beam	4	13.12	0.4	1.31	2008	-1	A. Open, no restriction	5	58.0	6.05 & 12.5W MARVN	7	7	N	U	42	N	3.218504	7	
2603062	2 County Hwy Agency	1	Concrete	21 Channel Beam	24.88	81.60	2.49	8.07	2008	-1	A. Open, no restriction	5	20.0	13.0W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603063	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction	5	78.8	12.5W & 1.33S MARVN	7	8	N	U	95	N	3.218504	7	
2603064	2 County Hwy Agency	1	Concrete	04 Tee Beam	84.0	275.75	8.4	27.57	1970	-1	A. Open, no restriction												

Sr No	Owner	Contractor	Main Material	Main Design	Length (meters)	Width (meters)	Width (ft)	Year Built	Year Recon	Open/Partial/ Closed (ft)	posting	suff rate	location	sub rating	sup rating	culv rating	scour crit	alt total	bits preq	bypass lin	dk rating	deficiency
26250005	2 County Hwy Agency	13.86088	Concrete	04 Tee Beam	74.6	9.41832	30.9	2002	-1	A Open, no restriction	5	100.0	4W & 4.5M MILBANK	7	8	N	U	52	N	3.218584	7	
26250006	2 County Hwy Agency	8.05021	Concrete	19 Culvert	28.4	0	0.0	2005	-1	A Open, no restriction	5	100.0	3.7M & 4.1M MILBANK	7	8	N	U	52	N	3.218584	7	
26250007	2 County Hwy Agency	21.248	3 Steel	03 Stringer/Girder	60.0	8.382	27.2	1938	1950	P Paved for load	0	51.8	4W & 4.5M MILBANK	6	6	N	U	52	N	3.218584	7	
26250008	2 County Hwy Agency	35.7	Concrete	04 Tee Beam	35.7	7.772	27.1	2011	-1	A Open, no restriction	0	100.0	4W & 4.5M MILBANK	6	6	N	U	52	N	3.218584	7	5
26250009	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2000	-1	A Open, no restriction	3	100.0	3E & 3.75 MILBANK	7	8	N	U	52	N	3.218584	7	
26250010	2 County Hwy Agency	10.922	Concrete	03 Stringer/Girder	10.922	5.791	18.0	1933	1970	P Paved for load	3	64.4	3.0E & 3.5M MILBANK	5	5	N	U	25	N	3.218584	5	
26250011	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2000	-1	A Open, no restriction	5	95.0	2E & 2.25M MILBANK	6	5	N	U	25	N	3.218584	6	
26250012	2 County Hwy Agency	10.867	Concrete	04 Tee Beam	10.867	2.416	9.4	2000	-1	A Open, no restriction	5	95.0	2E & 2.25M MILBANK	7	8	N	U	25	N	3.218584	7	
26250013	2 County Hwy Agency	35.7	Concrete	04 Tee Beam	35.7	8.382	27.1	2000	-1	A Open, no restriction	5	95.0	3W & 3.75 MILBANK	7	8	N	U	20	N	3.218584	7	
26250014	2 County Hwy Agency	16.574	3 Steel	03 Stringer/Girder	16.574	3.891	15.1	1955	-1	P Paved for load	5	100.0	3W & 3.75 MILBANK	7	8	N	U	20	N	3.218584	7	
26250015	2 County Hwy Agency	8.339	Concrete	19 Culvert	8.339	7.772	27.2	1955	-1	A Open, no restriction	5	100.0	4W & 4.5M MILBANK	5	5	N	U	20	N	3.218584	5	
26250016	2 County Hwy Agency	8.928	Concrete	19 Culvert	8.928	7.772	27.2	1955	-1	A Open, no restriction	5	100.0	4W & 4.5M MILBANK	5	5	N	U	20	N	3.218584	5	
26250017	2 County Hwy Agency	13.146	Concrete	19 Culvert	13.146	9.421	31.4	1965	-1	P Paved for load	2	52.4	3E & 3.5M MILBANK	4	5	N	U	100	N	3.218584	4	
26250018	2 County Hwy Agency	13.86088	Concrete	04 Tee Beam	13.86088	9.41832	30.9	2002	-1	A Open, no restriction	5	100.0	4W & 4.5M MILBANK	7	8	N	U	52	N	3.218584	7	5
26250019	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2002	-1	A Open, no restriction	5	100.0	2.5W & 2.75M MILBANK	7	8	N	U	52	N	3.218584	7	
26250020	2 County Hwy Agency	10.867	Concrete	04 Tee Beam	10.867	2.416	9.4	2002	-1	A Open, no restriction	5	100.0	2.5W & 2.75M MILBANK	7	8	N	U	52	N	3.218584	7	
26250021	2 County Hwy Agency	35.7	Concrete	04 Tee Beam	35.7	8.382	27.1	2000	-1	A Open, no restriction	5	100.0	3W & 3.75 MILBANK	7	8	N	U	20	N	3.218584	7	
26250022	2 County Hwy Agency	11.342	Concrete	19 Culvert	11.342	4.4	14.4	0	0.0	A Open, no restriction	5	100.0	3.7M & 4.1M MILBANK	7	8	N	U	20	N	3.218584	7	
26250023	2 County Hwy Agency	6.534	Concrete	01 Silt	6.534	8.319	27.7	2000	-1	A Open, no restriction	5	100.0	3W & 3.75 MILBANK	7	8	N	U	20	N	3.218584	7	
26250024	2 County Hwy Agency	2.23776	Concrete	01 Silt	2.23776	2.164	8.0	2000	-1	A Open, no restriction	5	100.0	3W & 3.75 MILBANK	7	8	N	U	20	N	3.218584	7	
26250025	2 County Hwy Agency	6.44	Concrete	03 Stringer/Girder	6.44	8.319	27.7	2000	-1	A Open, no restriction	5	100.0	3W & 3.75 MILBANK	7	8	N	U	20	N	3.218584	7	
26250026	2 County Hwy Agency	6.44	Concrete	03 Stringer/Girder	6.44	8.319	27.7	2000	-1	P Paved for load	5	100.0	3W & 3.75 MILBANK	6	6	N	U	20	N	3.218584	6	
26250027	2 County Hwy Agency	15.849	Concrete	19 Culvert	15.849	6.927	22.3	1930	-1	A Open, no restriction	5	74.8	4E & 4.5M MILBANK	6	6	N	U	10	N	1.629347	6	
26250028	2 County Hwy Agency	3.5848	Concrete	19 Culvert	3.5848	6.927	22.3	1930	-1	A Open, no restriction	5	74.8	4E & 4.5M MILBANK	6	6	N	U	10	N	1.629347	6	
26250029	2 County Hwy Agency	15.849	Concrete	02 Stringer/Girder	15.849	6.927	22.3	1930	-1	P Paved for load	3	46.5	4.85 BARCL	4	4	N	U	35	N	3.218584	4	
26250030	2 County Hwy Agency	9.448	3 Steel	02 Stringer/Girder	9.448	7.01	25.0	1935	-1	P Paved for load	1	40.0	1.5W & 1.5 MILBANK	4	4	N	U	35	N	3.218584	4	
26250031	2 County Hwy Agency	11.25266	Concrete	04 Tee Beam	11.25266	8.135	27.0	2004	-1	A Open, no restriction	5	100.0	1.5W & 1.5 MILBANK	7	8	N	U	20	N	3.218584	7	
26250032	2 County Hwy Agency	15.981	3 Steel	02 Stringer/Girder	15.981	7.346	24.1	1977	1989	P Paved for load	0	48.4	1.5W & 1.5 MILBANK	5	5	N	U	20	N	3.218584	5	
26250033	2 County Hwy Agency	11.897	Concrete	02 Stringer/Girder	11.897	7.376	24.2	1940	1989	P Paved for load	0	47.3	1.5W & 1.5 MILBANK	6	6	N	U	20	N	3.218584	6	
26250034	2 County Hwy Agency	28.8795	Concrete	02 Stringer/Girder	28.8795	7.07	24.3	1948	-1	P Paved for load	0	47.3	1.5W & 1.5 MILBANK	6	6	N	U	20	N	3.218584	6	
26250035	2 County Hwy Agency	6.44	Concrete	02 Stringer/Girder	6.44	8.319	27.7	2000	-1	P Paved for load	0	40.0	1W & 0.8 MILBANK	6	4	N	U	20	N	3.218584	6	
26250036	2 County Hwy Agency	11.414	Concrete	04 Tee Beam	11.414	7.071	23.2	1948	-1	A Open, no restriction	0	40.0	1W & 0.8 MILBANK	6	4	N	U	20	N	3.218584	6	
26250037	2 County Hwy Agency	12.102	Concrete	04 Tee Beam	12.102	7.071	23.2	2000	-1	A Open, no restriction	5	96.0	1W & 0.8 MILBANK	6	4	N	U	20	N	3.218584	6	
26250038	2 County Hwy Agency	35.7	Concrete	04 Tee Beam	35.7	8.2008	27.1	2007	-1	A Open, no restriction	5	99.0	1W & 0.8 MILBANK	7	8	N	U	30	N	3.218584	7	
26250039	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2003	-1	A Open, no restriction	5	100.0	1W & 0.8 MILBANK	7	8	N	U	30	N	3.218584	7	
26250040	2 County Hwy Agency	7.824	Concrete	02 Stringer/Girder	7.824	7.215	24.0	1985	-1	A Open, no restriction	5	100.0	1W & 0.8 MILBANK	7	8	N	U	35	N	3.218584	7	
26250041	2 County Hwy Agency	10.868	Concrete	04 Tee Beam	10.868	8.2008	27.1	2004	-1	A Open, no restriction	5	99.2	1W & 0.8 MILBANK	7	8	N	U	30	N	3.218584	7	
26250042	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2004	-1	A Open, no restriction	5	100.0	1W & 0.8 MILBANK	7	8	N	U	30	N	3.218584	7	
26250043	2 County Hwy Agency	13.146	Concrete	02 Stringer/Girder	13.146	8.2008	27.1	1946	-1	A Open, no restriction	5	60.7	4.2W & 0.55 MILBANK	5	5	N	U	10	N	3.218584	5	
26250044	2 County Hwy Agency	18.822	Concrete	04 Tee Beam	18.822	8.429	31.1	1974	-1	A Open, no restriction	5	78.8	0.7W & 0.4 MILBANK	5	5	N	U	52	N	6.487383	5	
26250045	2 County Hwy Agency	18.822	Concrete	04 Tee Beam	18.822	8.429	31.1	1974	-1	A Open, no restriction	5	78.8	0.7W & 0.4 MILBANK	5	5	N	U	52	N	6.487383	5	
26250046	2 County Hwy Agency	12.46326	Concrete	04 Tee Beam	12.46326	10.607	34.3	2005	-1	A Open, no restriction	5	89.7	0.8W MILBANK	6	8	N	U	450	N	1.629347	6	
26250047	2 County Hwy Agency	10.82058	Concrete	02 Stringer/Girder	10.82058	5.669	19.3	1992	-1	A Open, no restriction	5	100.0	3.5W & 3.0 MILBANK	6	8	N	U	200	N	1.629347	6	
26250048	2 County Hwy Agency	18.154	Concrete	02 Stringer/Girder	18.154	8.169	26.8	1985	-1	P Paved for load	0	38.9	3.7W & 3.25 MILBANK	6	8	N	U	200	N	1.629347	6	
26250049	2 County Hwy Agency	37.423	Concrete	04 Tee Beam	37.423	8.169	26.8	1985	-1	A Open, no restriction	5	78.8	0.8E & 0.5 MILBANK	6	4	N	U	52	N	6.487383	6	
26250050	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	1990	-1	A Open, no restriction	5	100.0	1E & 1.25 MILBANK	7	6	N	U	35	N	6.487383	7	
26250051	2 County Hwy Agency	11.465	Concrete	04 Tee Beam	11.465	8.2008	27.1	2000	-1	A Open, no restriction	5	95.0	1E & 1.25 MILBANK	7	8	N	U	35	N	6.487383	7	
26250052	2 County Hwy Agency	6.7	Concrete	04 Tee Beam	6.7	6.7	21.9	2003	-1	A Open, no restriction	5	95.0	1E & 1.25 MILBANK	7	8	N	U	35	N	6.487383	7	
26250053	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2005	-1	A Open, no restriction	5	100.0	3.0W & 3.0 MILBANK	7	8	N	U	52	N	3.218584	7	
26250054	2 County Hwy Agency	12.46326	Concrete	04 Tee Beam	12.46326	10.607	34.3	2005	-1	A Open, no restriction	5	100.0	3.0W & 3.0 MILBANK	7	8	N	U	52	N	3.218584	7	
26250055	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2005	-1	A Open, no restriction	5	100.0	3.0W & 3.0 MILBANK	7	8	N	U	52	N	3.218584	7	
26250056	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2005	-1	A Open, no restriction	5	100.0	3.0W & 3.0 MILBANK	7	8	N	U	52	N	3.218584	7	
26250057	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2005	-1	A Open, no restriction	5	100.0	3.0W & 3.0 MILBANK	7	8	N	U	52	N	3.218584	7	
26250058	2 County Hwy Agency	10.82058	Concrete	04 Tee Beam	10.82058	2.416	9.4	2005	-1	A Open, no restriction	5	100.0	3.0W & 3.0 MILBANK	7	8	N	U	52	N	3.218584		

Project Needs List

Project Location	Project Description	Total Project Cost in Thousands of \$	Prioritization Ranking (Optional)
Various Locations	Annually - 3 Bridge Replacements by County Crew	150	High
Various Locations	Annually - Striping	12	High
Various Locations	Bridge Inspections	7	High
	Annual Replacement Minor Equipment	30	High
	Purchase Motor Graders 2017-2021	1,817	Medium
Various Locations	Annually - Seal Coat 32 Miles	384	High
Various Locations	Annually - Overlay 6 Miles	600	High
Various Locations	Annually – Asphalt Patching	50	High
Various Locations	Annually - Replace 2 Culverts by County Crew	26	High
Various Location	Annual Culvert Replacement	15	High
Various Locations	Railroad Crossings 2017	15	High
Various Locations	Annual Hydraulic Studies	10	High
	Annual Staffing Costs	1,031	High
	Annual Non Project Supply and Maintenance Costs	580	High
483rd Avenue	STP Bridge Replacement (340-196) 2017 BRO8026-22	343	High
482nd Ave/Co Rd 35	STP Bridge Replacement (330-195) BRF 6311-08	159	High
482nd Ave/Co Rd 35	STP Bridge Replacement (330-196) 2017 BRF 6311-08	159	High
480th Ave/Co Rd 31	STP Bridge Replacement (310-031) 2017 BRO 8026-34	414	High
County Road 35	Bridge Replacement (325-222) 2017 BRF 6311	347	High
County Road 19	PE & H&H Study for Bridge 230-116 2017	32	Medium
County Road 19	Bridge Replacement (230-116) 2018	310	Medium
481st Avenue	PE & H&H Study for Bridge 320-053 2018	32	Medium
481st Avenue	Bridge Replacement (320-053) 2019	350	Medium
Center Road	PE & H&H Study for Bridge 275-121 2019	32	Medium

Center Road	Bridge Replacement (275-121) 2020	343	Medium
481st Avenue	PE & H&H Study for Bridge 320-101 2020	32	Medium
481st Avenue	Bridge Replacement (320-101) 2021	350	Medium
New Undesignated	PE & H&H Study 2021	32	Medium
	BRO Off System Gravel BRF FAS (Federal Aid System)		

Revenue Sources

Account Description	2017	2018	2019	2020	2021
Local Funds (in Thousands of \$)					
Cash Applied	320	0	0	0	0
Operating Transfers Needed From General Funds	1,340	1,451	1,475	1,382	1,250
Additional Operating Transfers Needed From General Fund	0	0	0	144	311
Motor Vehicles Licenses and Prorate	1,291	1,328	1,366	1,406	1,446
Wheel Tax	263	263	263	263	263
Intergovernmental Funds (in Thousands of \$)					
Other	124	134	149	149	149
State Funds (in Thousands of \$)					
BIG-Prelim Engineering (PE) (Planning to Apply For)	25.6	25.6	25.6	25.6	25.6
BIG-Prelim Engineering (PE) (Awarded by DOT)					
BIG-Preservation (Planning to Apply For)					
BIG-Preservation (Awarded by DOT)					
BIG-Construction (Planning to Apply For)	280	248	280	274	280
BIG-Construction (Awarded by DOT)					
Annual STP Payout Funds	178	178	178	178	178
Federal Funds (in Thousands of \$)					
TAP ER/FEMA					
Other (STP, Bridge, Signing, Hazard Elimination)					
Total (in Thousands of \$)	3,821.6	3,627.6	3,736.6	3,821.6	3,902.6
Without State	3,516	3,354	3,431	3,522	3,603

Functional Class and Bridge Location/Sufficiency Rating Map

Surface Type and Average Daily Traffic (ADT) and Bridge Location/Sufficiency Rating Map

Five-Year Project Location Map

FIVE-YEAR PROGRAMMED PROJECT LISTING

Map Reference Number	Project Location	Project Description	Year	Local Funding	Federal Funding	State Funding	Unfunded	Anticipated Grant	Total Funding	Total Project Cost
		Annual Staffing	2017	1,031					1,031	1,031
		Annual Non Project Supply & Maintenance Costs	2017	580					580	580
1	482nd Avenue/ County Road 35	STP Bridge Replacement #330-195 #330-196 Site 2	2017	64	254				318	318
2	483rd Avenue	Bridge Replacement #340-196 Site 1	2017	69	274				343	343
3	480th Avenue/ County Road 31	STP Bridge Replacement #310-031	2017	83	331				414	414
	County Road 19	PE and H&H Study Completed	2017	6.4				25.6	32	32
4	County Road 35	Bridge Replacement #325-222	2017	69.4				277.6	347	347
	Various Locations	County Forces Replace 3 Bridges	2017	150					150	150
	Various Locations	Striping	2017	12					12	12
	Various Locations	Seal Coat 32 Miles	2017	384					384	384

Map Reference Number	Project Location	Project Description	Year	Local Funding	Federal Funding	State Funding	Unfunded	Anticipated Grant	Total Funding	Total Project Cost
	Various Locations	Overlay 4.25 Miles	2017	600					600	600
	Various Locations	Railroad Crossings	2017	16					16	16
	Various Locations	Asphalt Patching	2017	50					50	50
	Various Locations	Annual Hydraulic Studies	2017	10					10	10
	Various Locations	Replace 2 Culverts	2017	26					26	26
	Various Location	Annual Culvert Replacement	2017	15					15	15
		Purchase Motor Grader	2017	320					320	320
		Purchase Misc. Minor Equipment	2017	30					30	30
		Annual Staffing Costs	2018	1074					1074	1074
		Annual Non Project Supply & Maintenance Costs	2018	587					587	587
5	481st Avenue	PE and H&H Study Completed	2018	6.4				25.6	32	32
6	County Road 19	Bridge Replacement 230-116	2018	62				248	310	310
	Various Locations	Annual Hydraulic Studies	2018	10					10	10

Map Reference Number	Project Location	Project Description	Year	Local Funding	Federal Funding	State Funding	Unfunded	Anticipated Grant	Total Funding	Total Project Cost
	Various Locations	Replace 2 Culverts	2018	26					26	26
	Various Locations	Annual Culvert Replacement	2018	15					15	15
	Various Locations	County Forces Replace 3 Bridges	2018	150					150	150
	Various Locations	Striping	2018	12					12	12
	Various Locations	Bridge Inspections	2018	7					7	7
	Various Locations	Seal Coat 32 Miles	2018	384					384	384
	Various Locations	Overlay 6 Miles	2018	600					600	600
	Various Locations	Asphalt Patching	2018	50					50	50
		Purchase Motor Grader	2018	341					341	341
		Purchase Misc. Minor Equipment	2018	30					30	30
		Annual Staffing Costs	2019	1120					1120	1120
		Annual Non Project Supply & Maintenance Costs	2019	594					594	594
7	Center Road	PE and H&H Study Completed	2019	6.4				25.6	32	32
5	481st Avenue	Bridge Replacement 320-053	2019	70				280	350	350

Map Reference Number	Project Location	Project Description	Year							Total Project Cost
				Local Funding	Federal Funding	State Funding	Unfunded	Anticipated Grant	Total Funding	
	Various Locations	Annual Hydraulic Studies	2019	10					10	10
	Various Locations	Replace 2 Culverts	2019	26					26	26
	Various Locations	Annual Culvert Replacement	2019	15					15	15
	Various Locations	County Forces Replace 3 Bridges	2019	150					150	150
	Various Locations	Striping	2019	12					12	12
	Various Locations	Seal Coat 32 Miles	2019	384					384	384
	Various Locations	Overlay 6 Miles	2019	600					600	600
	Various Locations	Asphalt Patching	2019	50					50	50
		Purchase Motor Grader	2019	364					364	364
		Purchase Misc. Minor Equipment	2019	30					30	30
		Annual Staffing Costs	2020	1169					1169	1169
		Annual Non Project Supply & Maintenance Costs	2020	601					601	601
7	Center Road	Bridge Replacement 275-121	2020	68.6				274.4	343	343
	Various Locations	Striping	2020	12					12	12

Map Reference Number	Project Location	Project Description	Year							Total Project Cost
				Local Funding	Federal Funding	State Funding	Unfunded	Anticipated Grant	Total Funding	
	Various Locations	County Forces Replace 3 Bridges	2020	150					150	150
8	481st Avenue	PE and H&H Study Completed	2020	6.4				25.6	32	32
	Various Locations	Bridge Inspections	2020	7					7	7
	Various Locations	Seal Coat 32 Miles	2020	384					384	384
	Various Locations	Overlay 6 Miles	2020	600					600	600
	Various Locations	Asphalt Patching	2020	50					50	50
	Various Locations	Annual Hydraulic Studies	2020	10					10	10
	Various Locations	Replace 2 Culverts	2020	26					26	26
	Various Locations	Annual Culvert Replacement	2020	15					15	15
		Purchase Motor Grader	2020	388					388	388
		Purchase Misc. Minor Equipment	2020	30					30	30
		Annual Staffing Costs	2021	1221					1221	1221
		Annual Non Project Supply & Maintenance Costs	2021	609					609	609
8	481 Avenue	Bridge Replacement 320-101	2021	70				280	350	350

Map Reference Number	Project Location	Project Description	Year							Total Project Cost
				Local Funding	Federal Funding	State Funding	Unfunded	Anticipated Grant	Total Funding	
	Various Locations	County Forces Replace 3 Bridges	2021	150					150	150
	unknown	PE and H&H Study Completed	2021	6.4				25.6	32	32
	Various Locations	Striping	2021	12					12	12
	Various Locations	Seal Coat 32 Miles	2021	384					384	384
	Various Locations	Overlay 6 Miles	2021	600					600	600
	Various Locations	Asphalt Patching	2021	50					50	50
	Various Locations	Annual Hydraulic Studies	2021	10					10	10
	Various Locations	Replace 2 Culverts	2021	26					26	26
	Various Locations	Annual Culvert Replacement	2021	15					15	15
		Purchase Motor Grader	2021	414					414	414
		Purchase Misc. Minor Equipment	2021	30					30	30

Sample of Coordination Letter sent to Township Officials

GRANT COUNTY



SOUTH DAKOTA

Highway Superintendent
47789 151st St.
Milbank, SD 57252-2499
Phone: 605-432-5861
Fax: 605-432-9380

August 19, 2016

RE: Five Year County Highway and Bridge Improvement Plan (Transportation Plan)

To: Township Supervisors:

The purpose of this letter is to make you aware that Grant County is in the process of creating its Five Year County Highway and Bridge Improvement Plan (Transportation Plan). As required by South Dakota Department of Transportation, this letter is sent to notify your **township supervisors** that the Grant County Board of County Commissioners will discuss and receive public input on the development of the Transportation Plan at its meeting at 9 AM on September 6, 2016 in the Commissioners' Chambers at the Grant County Courthouse located at 210 E 5th Ave., Milbank, SD.

You are invited to review a draft of the Transportation Plan with reference to township road bridges which is available for you to review at the Grant County Auditor's Office, also located in the Courthouse, and provide comments regarding the Transportation Plan to the Grant County Auditor.

Also, at the meeting on September 6, 2016, there will be an opportunity for comments on the Transportation Plan. Those comments will be included in the final draft of the Transportation Plan, projected to be considered by the Grant County Commissioners on October 4, 2016.

Sincerely,

A handwritten signature in black ink that reads "Kerwin Schultz". The signature is written in a cursive style.

Kerwin Schultz
Grant County Highway Superintendent

Affidavit of Publication for Notice of Public Meeting

Printer's Affidavit of Publication

STATE OF SOUTH DAKOTA }
COUNTY OF GRANT } ss.

Ashlie Schweitzer

of said County and State, being first duly sworn, on oath says that the Grant County Review is a legal weekly newspaper of general circulation, printed and published in Milbank, in said County of Grant and State of South Dakota, by Grant County Review, Inc., and has been such newspaper during the times hereinafter mentioned; that said newspaper is a legal newspaper; and that it has a bona fide circulation of more than two hundred copies weekly, and has been published within said County of Grant in the English language and has been admitted to the United States mail under second class mailing privilege, for at least one year next prior to the publication of the Notice herein mentioned, and has been printed wholly in an office maintained at the said place of publication, that I, the undersigned, Bookkeeper of said newspaper, in charge of the accounts receivable department thereof, have personal knowledge of all the facts stated in this affidavit; that the advertisement headed Notice of Public Hearing - County 5 Year Highway Plan - Sept 6, 2016 a printed copy of which, taken from the paper in which the same was published, is attached to this sheet and is made a part of this Affidavit, was published in said newspaper at least once each week for two successive weeks, on the day of each week on which the said newspaper was regularly published, to-wit:

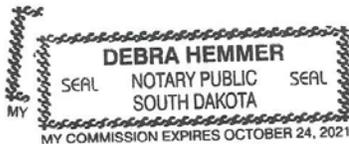
August 24 20 16 20
August 31 20 16 20
20 20

That \$ 19.71 being the full amount of the fee charged for the publication of said Notice, inures to the benefit of the publisher of the Grant County Review; that no agreement or understanding for the division thereof has been made with any person, and that no part has been agreed to be paid to any person whomsoever.

Ashlie Schweitzer

Subscribed and sworn to before me this 8th day of Sept 2016

Debra Hemmer
Notary Public, Grant County, South Dakota



Publication Fee \$ 19.71
Notarial Fee \$
Total \$ 19.71

NOTICE OF PUBLIC HEARING ON THE COUNTY 5 YEAR HIGHWAY PLAN
Tuesday, September 6, 2016 at 9:00 am in the Commissioner's meeting room of the Grant County Courthouse, 210 E 5th Ave., SD is the time, date, and place for a public meeting by the Board of County Commissioners to discuss and receive public input on the development of the Grant County Five Year County Highway and Bridge Improvement Plan (Transportation Plan). The public is invited to comment on the Transportation Plan during the meeting or to provide written comment to the Grant County Auditor prior to the meeting. A preliminary draft of the Transportation Plan is available for review at the office of the Grant County Auditor, located at 210 E 5th Ave., Milbank, SD during regular business hours.
Dated at Milbank, South Dakota, this 16th day August, 2016.
Karen M. Layher
Grant County Auditor
Published twice at an approximate cost of \$19.71.
August 24 August 31

Public Meeting Attendance List and Comments

September 6, 2016

Highway 5 Year Plan: The public hearing for the County's Five Year Highway and Bridge Plan was held at 9 AM.

Members of the public present were Roger Loeschke, Jim Newcomb, Bill Street, Jim Wohlleber, Roger McCulloch, Bert Loehrer, Keith Christians, Bob Spartz, Mark Maversberger, Jim DeVaal, Ginny Tostenson and Holli Seehafer.

Chairman Stengel opened the meeting for public comment during Highway Supt Kerwin Schultz's presentation. Grant County has 169 inspected structures and 44 non-inspected structures which are under 20 feet in length. A total of 94 structures have been repaired or replaced since 1998. The 5 year programmed project list was reviewed. Supt Schultz states the county bridge crew's goal is to replace three structures a year. Also in the plan is stripping, asphalt, gravel and replacing two structures with culverts. The funding for these larger structures will now be applied for through the BIG program. Auditor Layher reviewed the funding document in the 5 year plan. Public comments and questions were:

1. Is there funding available to the townships for culverts under 16 square feet opening – This size culvert is the responsibility of the township.
2. Are the townships expected to post weight limits on the bridges less than 20' in diameter – Bridges over 20' are required to be inspected and weight limits posted. Uninspected bridges do not have this requirement.
3. Is it the county's intention to replace bridges with a culvert due to cost savings? Yes, some would be for cost savings. Replacing a bridge with culverts where possible makes the road more equipment friendly. Any bridge that is replaced with a culvert has a hydraulic study completed by an engineer and installed with the engineer's recommendation.
4. Lura Twp Supervisor Mark Aselson had contacted Supt Schultz and requested that a couple of the concrete sided bridges be considered for replacement. One of the bridges in question has a high sufficiency rating and would not be considered for replacement at this time.

Chairman Stengel closed the public hearing for the Five Year plan and thanked the participants for attending and for the comments. The plan will be on the October 4th agenda for the commission's approval and then sent on to SD DOT by October 15th.

Grant County Resolution of Adoption

GRANT COUNTY



SOUTH DAKOTA

OFFICE OF COUNTY AUDITOR

210 East 5th Avenue
Millbank, SD 57252-2499
Phone: 605-432-6711
Fax: 605-432-9004

Grant County Resolution of Adoption

RESOLUTION 2016-24

A RESOLUTION ADOPTING THE GRANT COUNTY FIVE-YEAR HIGHWAY
AND
BRIDGE IMPROVEMENT PLAN

WHEREAS, the South Dakota Department of Transportation Local Bridge and Improvement Grant Fund requires that in order to be eligible to apply for Bridge Improvement Grant funds, Counties are required to develop a five-year Highway and Bridge Improvement Plan, hereinafter referred to as Plan; and

WHEREAS, Grant County has utilized the South Dakota Department of Transportation, County Staff, the First District Association of Local Governments, Townships, and the general public in developing the various components of the Plan; and

WHEREAS, the Plan includes maps and lists identifying an inventory of highways and bridges, project needs, and revenue sources; and

WHEREAS, Grant County held a public meeting on September 6, 2016 to solicit input into the Plan; and

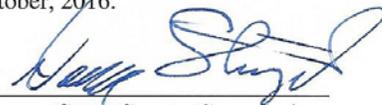
WHEREAS, the County will be able to use the Plan as a tool to budget for transportation enhancements and better coordinate transportation issues with other entities;

NOW, THEREFORE, BE IT RESOLVED BY THE GRANT COUNTY BOARD OF COUNTY COMMISSIONERS THAT THE GRANT COUNTY FIVE-YEAR HIGHWAY AND BRIDGE IMPROVEMENT PLAN IS HEREBY ADOPTED AND IS RECOGNIZED AS THE HIGHWAY AND BRIDGE IMPROVEMENT PLAN FOR GRANT COUNTY.

Dated at Millbank, South Dakota this 4th day of October, 2016.



ATTEST: 
Grant County Auditor


Chairman, Grant County Commission