

**STAFF RECOMMENDED CHANGES TO THE
TENTATIVE 2019-2022 STATEWIDE TRANSPORTATION IMPROVEMENT
PROGRAM**

**FOR THE
AUGUST 23, 2018 TRANSPORTATION COMMISSION MEETING**

Prepared by:

SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION
DIVISION OF PLANNING\ENGINEERING
OFFICE OF PROJECT DEVELOPMENT
700 BROADWAY AVENUE
PIERRE, SOUTH DAKOTA 57501

INTERSTATE

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
IM 0902(175)	06Y4	Rapid City Area	Wildlife Fence	2021	\$0.250	Newly Identified Need

MAJOR ARTERIAL CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
NH 0012(273)301	06XE	Various locations on US12 E&W in Brown County	Inslope Restoration	2022	\$0.364 \$0.388	

MINOR ARTERIAL CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
P 0042(76)355	067T	SD42 - Intersection of 463rd Ave (Wall Lake); SD42/Co. HWY 145 Intersection SD42 - Intersection of 463rd Ave (Wall Lake); SD42 - Intersection of Co. HWY 145	Construct Roundabout; ROW	2021	\$2.018	
NH-P 0042(59)373	03TE	SD42 - Fm the Big Sioux River Bridge to the Iowa State Line	Grading, PCC Surfacing, Curb & Gutter, Sidewalk, ADA, Storm Sewer, Lighting, Signals and Approach Slabs	2022	\$24.131 \$24.288	
P 0020(145)240	03T1	SD20 - Fm US83 to Hoven	Mill & AC Resurfacing; Pipe Work	2019	\$2.150 \$2.395	

STATE SECONDARY CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
P 0248(13)261	06YC	SD248 - Fm Reliance to I90	Mill & AC Resurfacing, Pipe Work	2022	\$0.289	Newly Identified Need Tied to PCN 069Q (SD47 - Fm I90 to W of Ft Thompson)

STATE HIGHWAY SYSTEMS URBAN CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
NH 2042(28)	05UW	Arrowhead Parkway - Fm Highline Avenue to 0.5 m W of Six Mile Road	Grading, Storm Sewer, Curb & Gutter, PCCP Surfacing, ROW, Signals, and Lighting	2021	\$9.380	Local Urban Sys \$0.717
P 1358(02)	05C2	Six Mile Road - Fm 500' N of Arrowhead	Grading, Storm Sewer, Curb & Gutter &	2019	\$3.059	Tied to 06YQ & 06YP
NH 0042(80)371	06YP	SD42 - Fm 0.5 m W of Six Mile Rd to Willow Run Ent.	Grading, Storm Sewer, Curb and Gutter, PCCP Surfacing, Signals and Lighting	2019	\$3.935	Newly Added Need Need Tied to 05C2 & 06YQ

STATE HIGHWAY SYSTEMS MUNICIPAL CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
NH 014A(15)41	04FA	US14A - Fm Railroad Ave to E of the Jct. of US85 in Deadwood	Mill & AC Resurfacing, ADA, Traffic Signals, Joint Repair, Spall Repair, Install Left Turn Lane	2018	\$2.546 \$2.362	

BRIDGE REPLACEMENT CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
P 0324(06)358	05QC	SD324 - Str, 0.8 E I29 Interchange Over Medary Ck	LSDC Overlay, Replace Approach Slabs, Joints and Paint Bridge Rail Upgrade Bridge Rail and End Blocks	2021	\$0.502 \$0.651	
NH 0018(213)45	06DQ	US18 WBL - Str 1.0 S of SD79 N Jct Over the Cheyenne River	Abutments, Berm, Joint Repair, Approach Slabs Bridge Ends and Approach Pavement	2020	\$0.409 \$0.737	

RAILROAD CROSSING IMPROVEMENT CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
PP 6393(01)	06XV	469 Ave (White Street) in Burbank DOT 382147D, BNSF	Signal Upgrades	2020 2019	\$0.080	
PP-PS 1310(11)	061U	6th Street in Sioux Falls, DOT 097881H BNSF Railroad	Signal Upgrades, Sidewalk, Approach, CE	2019 2020	\$0.150	
PS 8050(71)	05RE	Marion Rd, 1.5 mi NW of Sioux Falls, DOT# 097254J, BNSF	Upgrade Crossing Surface, Approach Work, CE	2019 2021	\$0.040	
PP-PS 0027(11)230	06K1	SD27 in Britton DOT 394614X, DMV&WRR	Install Railroad Signals, Upgrade Crossing Surface, Sidewalk, Approach Work, CE	2019	\$0.550	Tied to a newly identified need PCN 070K.
PP 0010(136)321	066G	SD10 in Britton, DOT394616L, DMV&W	Install Railroad Signals, CE	2019	\$0.250	Tied to a newly identified need PCN 070K.
PS 8046(05)	070K	8th St in Britton DOT 394615E; DMV&W RR	Upgrade Crossing Surface, Approach Work, CE	2019	\$0.065	Newly identified need tied to PCN's 06K1 and 066G

LOCAL URBAN SYSTEM CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
P 1400(16)	05NF	41st Street In Sioux Falls - Fm the intersection of S Valley View Road and S Holbrook Ave., East to S Louise Ave. Fm W of Marion Rd to Shirley Ave	Grading, Traffic Signals, Curb & Gutter, Sidewalk, PCCP Paving, Storm Sewer, ADA Upgrade, Lighting, Pavement Markings, ROW	2022	\$7.000	Tied to PCN's 06Y0 & 06XY
P 1423(007)	06Y0	Marion Rd - Fm 43rd St to 39th St in Sioux Falls	Urban Construction	2022	\$2.000	Newly identified need; Tied to PCN 05NF (41st Street In Sioux Falls - Fm W of Marion Rd to Shirley Ave)
P 8050(081)	06XY	Shirley Ave - Fm 41st St to W Shirley Place in Sioux Falls	Urban Construction	2022	\$0.700	Newly identified need; Tied to PCN 05NF (41st Street In Sioux Falls - Fm W of Marion Rd to Shirley Ave)
P 8050(76)	06KC	From the intersection of S Highline Ave. and E Arrowhead Parkway, extending S and then W to E 18th St. in Sioux Falls	Shares Use Path for Arrowhead Parkwy	2018 2019	\$0.445	

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
NH 2042(29)	06YQ	Arrowhead Parkway - Fm 0.5 m W of Six Mile Rd to Six Mile Rd	Grading, Storm Sewer, Curb and Gutter, PCCP Surfacing, Signals and Lighting	2019	\$7.882	Newly identified need Tied to PCN's 05C2 and 06YP

ROADWAY SAFETY IMPROVEMENTS CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
PH 0010(128)	05W9	Aberdeen Region	Intersection Sight Distance Improvements	2018 2019	\$0.100	
NH 0016(92)61	070G	US16 E&W - Jct of Neck Yoke Rd by Reptile Gardens	Roadway Lighting	2019	\$0.116	Newly Identified Need
PH 0031(46)	06YE	Various Intersections in the Pierre Area	Pedestrian Crossing Improvements	2019	\$0.050	Newly Added Need

PAVEMENT PRESERVATION PROJECTS

Projects in the Pavement Preservation Category have been adjusted with the following results:

FY2019 = + \$6.593, FY2020 = + \$4.070, FY2021 = + \$0.541, FY2022 = - \$6.623

TRANSPORTATION ALTERNATIVE PROJECTS CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
P TAPU(23)	06Y5	In Harrisburg, on the North Side of Willow	Shared Use Path Construction	2019	\$0.750	Newly Identified need

SAFE ROUTES TO SCHOOL

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
P SRTS(44)	04P3	Wood	P.E., Non Infrastructure and Construct New Sidewalk	2018 2019	\$0.062	

ADA

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
NH-P 0011(00)77	04PE	SD11 Through Brandon SD11 - Fm Aspen Blvd in Brandon, North to Hemlock Ave in Corson	ADA Curb Ramp Upgrades Sidewalk, ADA Curb Ramp Upgrades & Signal Upgrade	2019	\$0.251 \$0.750	

MISCELLANEOUS

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
P 00SW(55)214	04C4	Brown County near Aberdeen	Wetland Bank Site Construction	2018 2019	\$0.992	
P 00SW(63)	065G	Turner County Near Davis, SE 1/4 & NE 1/4, SEC 36, T98N, R52W	Wetland Bank Site Construction	2018 2019	\$1.173	

COUNTY SECONDARY AND OFF SYSTEM CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
P 0043(00)	049U	Fm SD471 to Provo W and NW to Igloo apppx. 2 mi	Grading, Gravel Surfacing, ROW, Obliteration of Existing Roadway and Strs.	2019 2020	\$0.895 \$2.830	

LOCAL BRIDGE REPLACEMENT CATEGORY

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
BRF 1618(00)16-3	05R3	Structure 1.8N of Jct of US16B on Cambell St. in Rapid City over a creek SN 52-430-312	Structure Preservation - Bridge Improvement Grant (BIG) Projects	2018 2019	\$0.386 \$0.358	
BRF 3103(00)18-2	06V7	Structure on State Line East of Hudson on 294th Street over the Big Sioux River SN 42-244-255	Structure Preservation - Bridge Improvement Grant	2018 2019	\$0.319	
BRO 8044(08)	02E2	Structure 8.5 S & 1.1 E of Montrose over the East Fork of the Vermillion River	Structure & Approach Grading	2018 2019	\$0.324 \$0.850	
BRO 8018(07)	03GR	Structure 2W & 13.4S of Mitchell, on 407 Ave., over South Fork of Twelve Mile Creek SN 18-130-234	Structure & Approach Grading	2018 2019	\$0.278 \$0.350	
BRF 6197(02)	04VJ	Structure 8E & 2.6S of Parkston over North Branch of Dry Creek SN 34-140-096 (27760 418 Ave.)	Structure & Approach Grading	2018 2019	\$0.306 \$0.780	

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
BRF 3710(00)18-1	06V8	Structure 0.4N of Junction I-90 Loop in Mitchell on Sanborn St. over SD owned RR SN 18-149-095 (City Owned)	Structure Preservation - Bridge Improvement Grant	2018 2019	\$0.966	
BRF 6152(00)18-2	06VA	12E of Hermosa on Spring Creek Cutoff over Spring Creek SN 17-547-020	Structure Preservation - Bridge Improvement Grant	2018 2019	\$0.114	
BRF 6167(00)17-1	06HK	Structure 5W & 26.6S of Bison on Bixby Road over Moreau River SN 53-195-556	Structure Preservation - Bridge Improvement Grant (BIG) Projects	2018 2019	\$0.267	
BRF 6230(00)18-1	06V3	Structure 0.5S & 6.5W of Big Stone on 145 St. over the North Fork Whetstone River SN 26-309-029	Structure Preservation - Bridge Improvement Grant	2018 2019	\$0.411	
BRF 6230(00)18-2	06V4	Structure 0.6S & 2.4W of Big Stone on 165 St. over the Whetstone River SN 26-352-030	Structure Preservation - Bridge Improvement Grant	2018 2019	\$0.369	
BRF 6230(00)18-3	06V5	Structure 1S & 1.5W of Big Stone on 485 Ave. over the Burlington Northern RR SN 26-360-032	Structure Preservation - Bridge Improvement Grant	2018 2019	\$0.477	
BRF 6251(00)18-1	06VK	Structure 4N of Columbia on 396th Ave. over the James River SN 07-200-184	Structure Replacement - Bridge Improvement Grant	2018 2019	\$1.879	
BRF 6259(06)	03GU	Structure 0.5E of White Horse, over a creek SN 21-313-140	Structure & Approach Grading, ROW, Utilities	2019	\$0.590	
BRF 6304(00)	02EG	Structure at 509 Center St. E in Madison over Madison Creek (City owned) SN 40-131-132	Structure & Approach Grading	2019	\$0.292 \$0.400	
BRF 6312(00)18-1	06VH	Structure 4S & 2.3W of Brookings on 216th Street over the Big Sioux River SN 06-147-200	Structure Replacement - Bridge Improvement Grant	2018 2019	\$1.623	
BRF 6319(00)18-2	06VJ	Structure 7.8S of Brookings on 471st Street over the Big Sioux River SN 06-169-238	Structure Replacement - Bridge Improvement Grant	2018 2019	\$2.086	
BRF 6472(00)17-1	06HU	Structure 3S & 1E of Westport on 123rd St. over the Elm River SN 07-120-230	Structure Replacement - Bridge Improvement Grant (BIG) Project	2018 2019	\$1.795 \$1.812	
BRF 6546(00)18-1	06V6	Structure 1.6S & 0.6E of Canton on 283rd St. over the Big Sioux River SN 42-175-153	Structure Preservation - Bridge Improvement Grant	2018 2019	\$0.314	
BRO 8003(00)17-2	06HR	Structure 1E & 5.8S of Cavour on 410 Ave. over Middle Pearl Creek SN 03-340-238	Structure Replacement - Bridge Improvement Grant (BIG) Projects	2018 2019	\$0.545	
BRO 8014(00)	6868	Structure 0.6 S & 15 E of Irene Over Ash Creek SN 14-150-006	Structure & Approach Grading	2018 2019	\$0.358 \$0.400	
BRO 8015(38)	04YH	Structure 11.4W and 2S of South Shore, on 159 St., over ther Big Sioux River SN 15-166-050	Structure & Approach Grading	2018 2019	\$0.527 \$0.700	
BRO 8017(00)18-1	06V9	Structure 11E & 2S of Fairburn on Bison Lane over French Creek SN 17-540-147	Structure Preservation - Bridge Improvement Grant	2018 2019	\$0.155	
BRO 8017(00)18-3	06VL	Structure 2S & 10.5E of Fairburn on E. French Creek Rd. over French Creek SN 17-535-143	Structure Replacement - Bridge Improvement Grant	2018 2019	\$0.582	
BRO 8018(00)17-1	06HW	Structure 15W & 5.9N of Mitchell on 394th Ave. over Firesteel Creek SN 18-000-041	Structure Replacement - Bridge Improvement Grant (BIG) Project	2018 2019	\$1.059 \$0.971	

BRO 8018(00)17-2	06HV	Structure 1.5S & 1W of Loomis on 404th Ave. over Firesteel Creek SN 18-100-052	Structure Replacement - Bridge Improvement Grant (BIG) Project	2018 2019	\$1.150	
BRO 8024(00)18-1	06VF	Structure at Jennings and River in Hot Springs on Jennings Ave. over the Fall River SN 24-292-033 (City Owned)	Structure Replacement - Bridge Improvement Grant	2018 2019	\$1.512	
BRO 8040(00)	02EF	Structure at 111 Garfield Ave. in Madison over Park Creek (City owned) SN 40-132-132	Structure & Approach Grading	2018 2019	\$0.268 \$0.580	
BRO 8053(00)18-1	06VC	Structure 15.9E & 12.4S of Bison on Foster Road over Thunder Butte Creek SN 53-399-414	Structure Preservation - Bridge Improvement Grant	2018 2019	\$0.190 \$0.191	
BRO 8056(00)	02E3	Structure 0.5E & 3.4N of Artesian over a creek SN 56-210-096	Structure & Approach Grading	2018 2019	\$0.314 \$0.480	
BRO 8064(00)17-2	06HY	Structure 5.4E & 1.5S of Alcester on 484th Ave. on a creek SN 64-144-055	Structure Replacement - Bridge Improvement Grant (BIG) Project	2018 2019	\$0.846	
BRO 8069(00)17-1	06HQ	Structure 5.5N & 8.5W of Red Elm on IRR Co. Rd over Flint Rock Creek SN 69-030-234	Structure Preservation - Bridge Improvement Grant (BIG) Projects	2018 2019	\$0.301	
BRF 6140(08)	01DX	Structure 2.9N of Witten over Cottonwood Creek SN 62-080-201	Structure & Approach Grading	2019	\$0.303 \$0.520	
BRF 6332(02)	05LX	Structure 6.1E of Center over the East Fork of the Vermillion River (245 St.) SN 44-191-010	Structure & Approach Grading	2019	\$0.399 \$0.423	
BRF 6358(04)	01WJ	Structure 3S & 1.7W of Chancellor over the Vermillion River SN 63-194-120	Structure & Approach Grading	2019	\$0.995 \$1.220	
BRF 6377(00)	03H9	Structure 4W & 2.8S of Fairview, on 482 Ave., over a creek SN 42-180-223	Structure & Approach Grading	2019	\$0.239 \$0.630	
BRF 6403(09)	02JT	Structure 0.6W & 0.1S of Rochford over Rapid Creek SN 52-162-272	Structure & Approach Grading	2019	\$0.384 \$0.400	
BRF 6418(00)	02ER	Structure 7S & 2.6E of Carthage over Rock Creek SN 49-096-090	Structure & Approach Grading	2019	\$0.298 \$0.350	
BRF 6591(07)	05LV	Structure 1.5N of Worthing over Beaver Creek SN 42-080-107	Structure & Approach Grading	2019	\$0.589 \$0.625	
BRO 8002(00)	043K	Structure 5E & 2.6N of Plankinton over a creek (391 Ave.) SN 02-210-124	Structure & Approach Grading	2019	\$0.302 \$0.400	
BRO 8002(11)	03F4	Structure 5E & 4.1N of Plankinton, on 391 Ave., over a creek SN 02-210-109	Structure & Approach Grading	2019	\$0.268 \$0.350	
BRO 8003(09)	H086	7.6 S & 2 W of Cavour Over Pearl Creek SN 03-310-256	Structure & Approach Grading	2019	\$0.330 \$0.400	
BRO 8014(00)	5756	Structure 7.5E & 5.1S of Irene over Frog Creek on Norwegian Ave. just S. of 302 St. SN	Structure & Approach Grading	2019	\$0.373 \$0.530	
BRO 8017(05)	00Z3	Structure 0.2N of Hermosa over a creek (Structure owned by City of Hermosa) SN 17-434-018	Structure & Approach Grading	2019	\$0.268 \$0.284	
BRO 8024(14)	02E8	Structure 4E & 1.8N of Edgemont over abandoned RR line SN 24-162-102	Structure & Approach Grading	2020	\$1.161 \$1.208	
BRO 8027(29)	00QR	Structure 2 W & 0.1 S of SD44/SD47 Over a Creek SN 27-030-081	Structure & Approach Grading	2019	\$0.278 \$0.284	

PROJECT	PCEM	LOCATION	IMPROVEMENT	YEAR	Uninflated COST	COMMENT
BRO 8030(00)	04M7	Structure 5E & 18.7S of Miller, on 365 Ave., over a creek SN 30-210-447	Structure & Approach Grading	2019	\$0.268 \$0.284	
BRO 8041(00)	01KP	Structure 2E & 5.5N of Spearfish over the Redwater River SN 41-110-008	Structure & Approach Grading	2019	\$0.466 \$0.469	
BRO 8041(00)	01KN	Structure 4.5N & 2W of Spearfish over the Redwater River SN 41-070-012	Structure & Approach Grading	2019	\$0.451 \$0.469	
BRO 8042(09)	6093	Structure 8 S & 1.6 E of Lennox Over Snake Creek SN 42-036-190	Structure & Approach Grading	2019	\$0.278 \$0.284	
BRO 8052(49)	6890	0.4 E & 0.3 N of Hill City Over Major Lake Spillway (City Owned) SN 52-245-404	Structure & Approach Grading	2019	\$0.268 \$0.284	
BRO 8058(00)	05LY	Structure 2.2N & 0.1E of Athol over Snake Creek (162 St.) SN 58-061-140	Structure & Approach Grading	2019	\$0.373 \$0.520	
P NBIS(38)	04MA	Statewide	2019 Bridge Inspections, Scour Analysis	2019	\$1.087 \$1.200	
P NBIS(39)	04MC	Statewide	2020 Bridge Inspections, Scour Analysis	2020	\$1.865 \$2.100	
P NBIS(40)	04MD	Statewide	2021 Bridge Inspections, Scour Analysis	2021	\$1.045 \$1.200	
P NBIS(42)	04MG	Statewide	2022 Bridge Inspections, Scour Analysis		\$1.792 \$2.100	