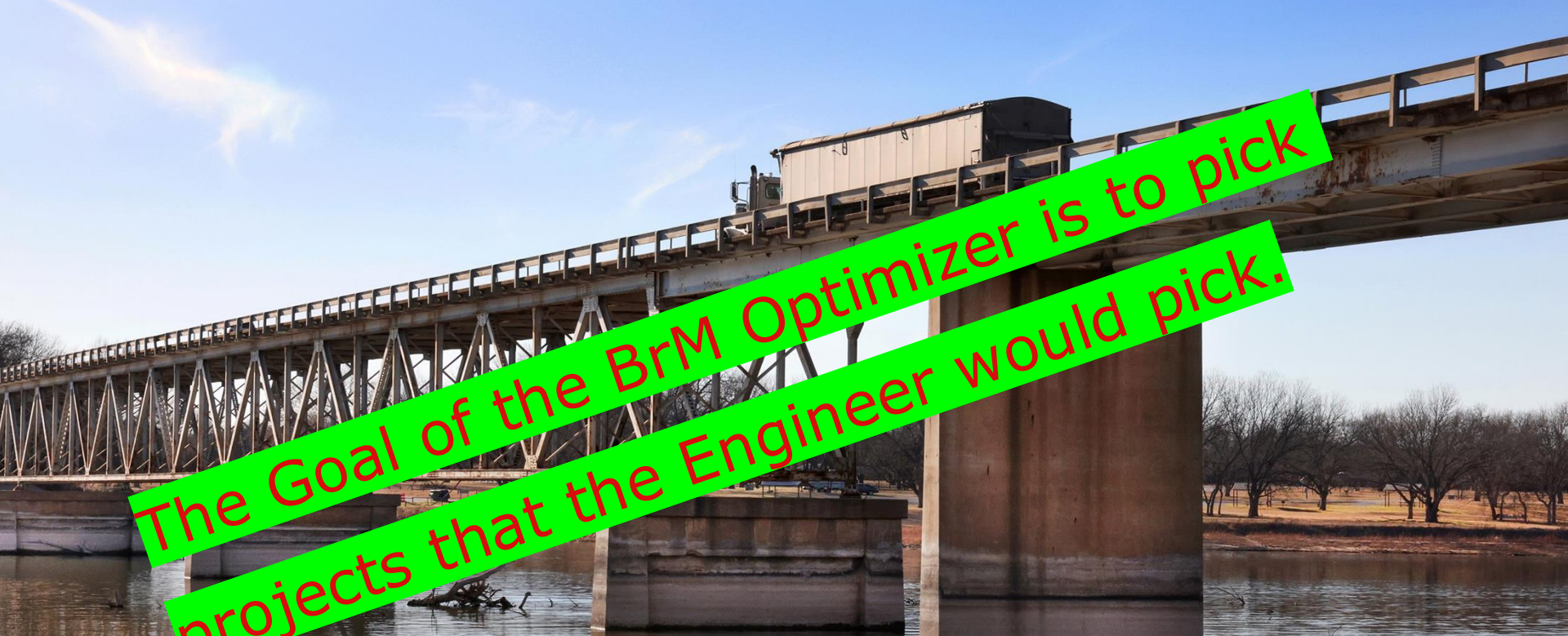




# TXDOT use of BrM; Present and Future



September 25, 2024



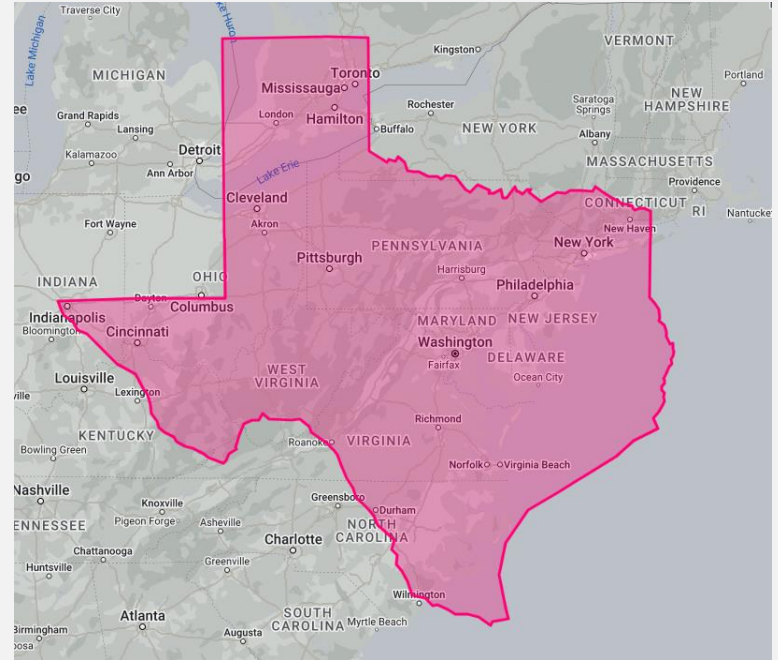
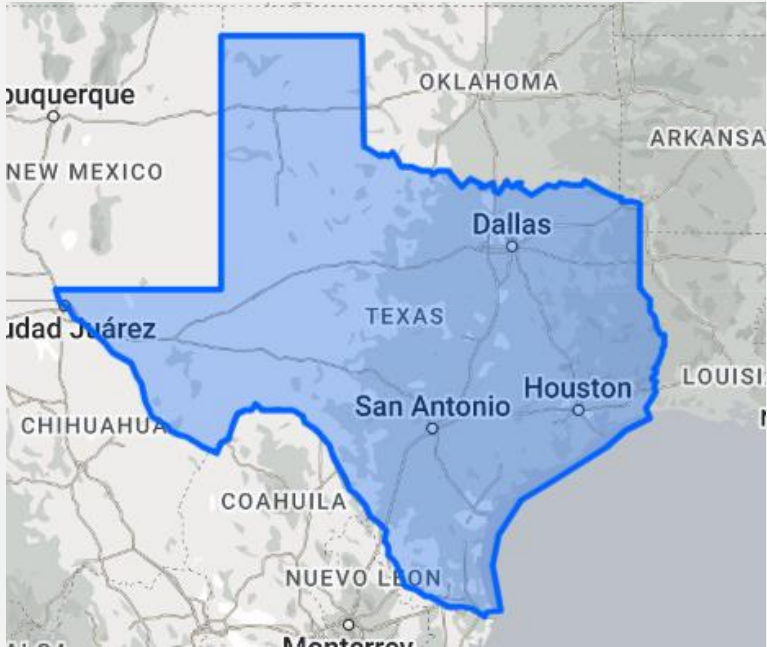
The Goal of the BrM Optimizer is to pick projects that the Engineer would pick.

**We aren't using it fully, yet. We are fine tuning, but we are getting there.**

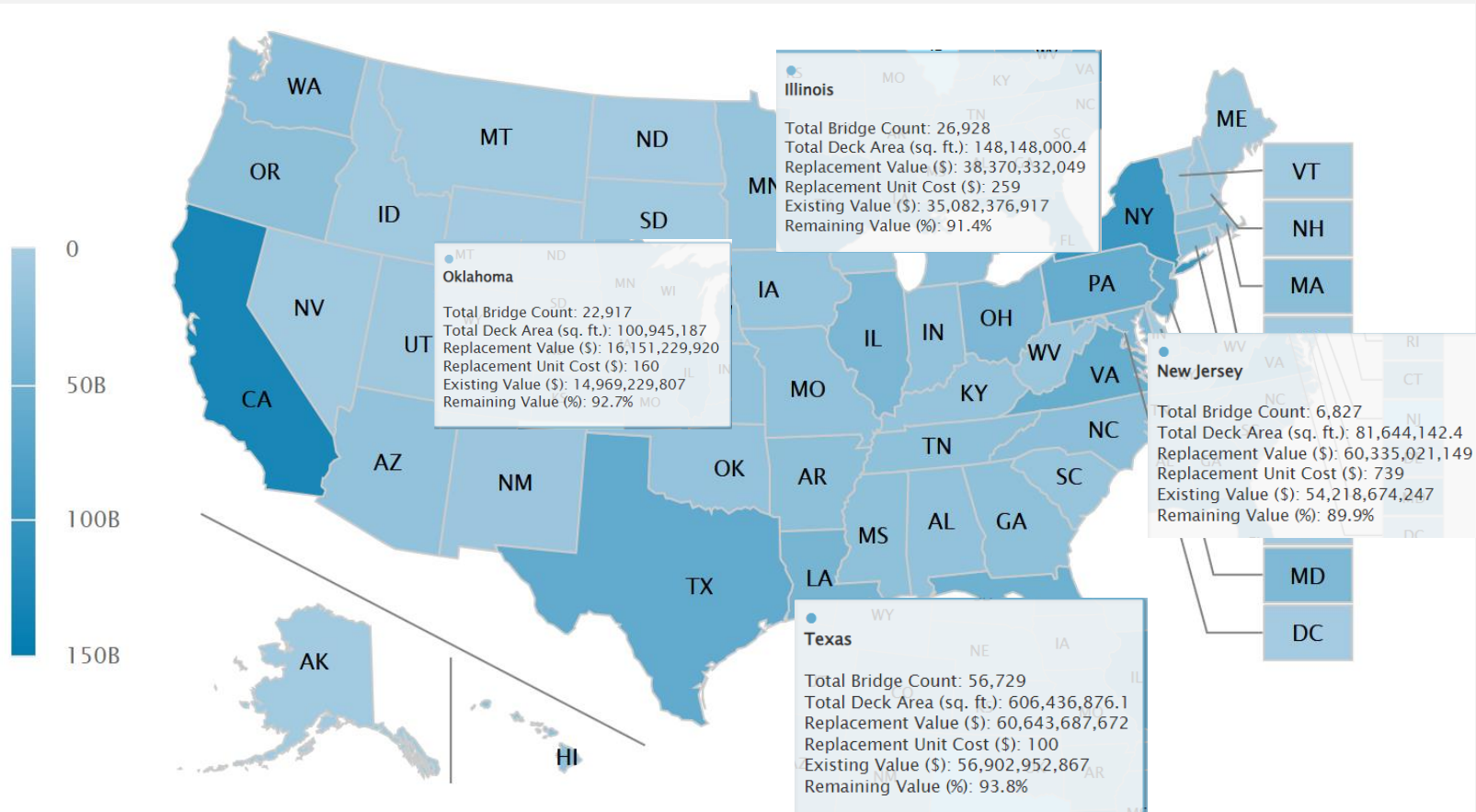


September 25, 2024

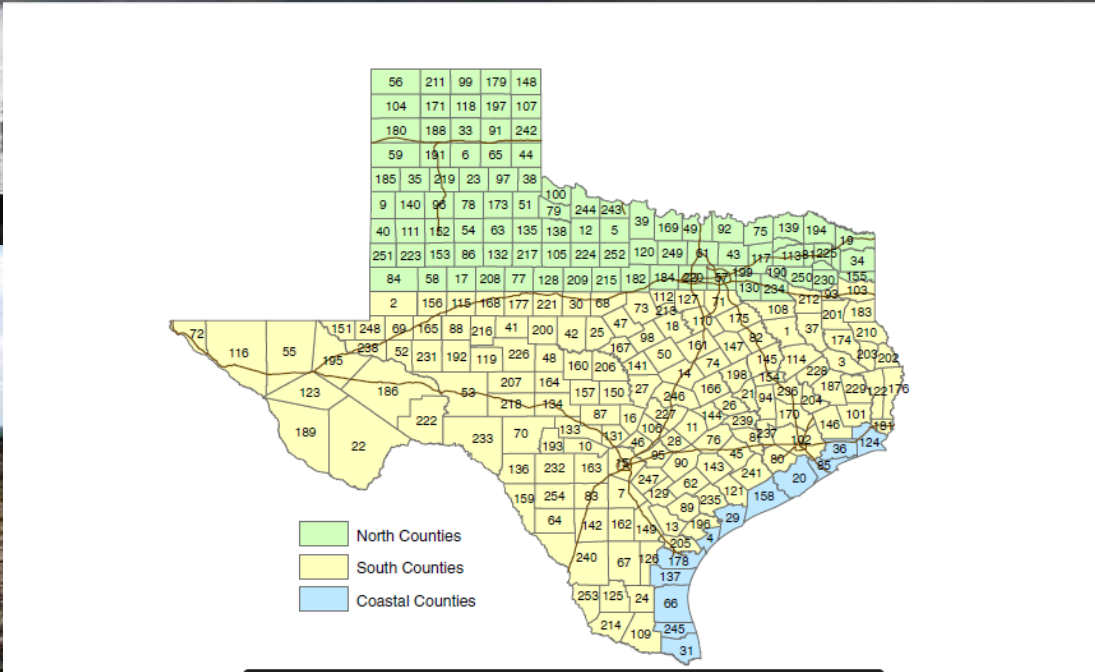
# TEXAS



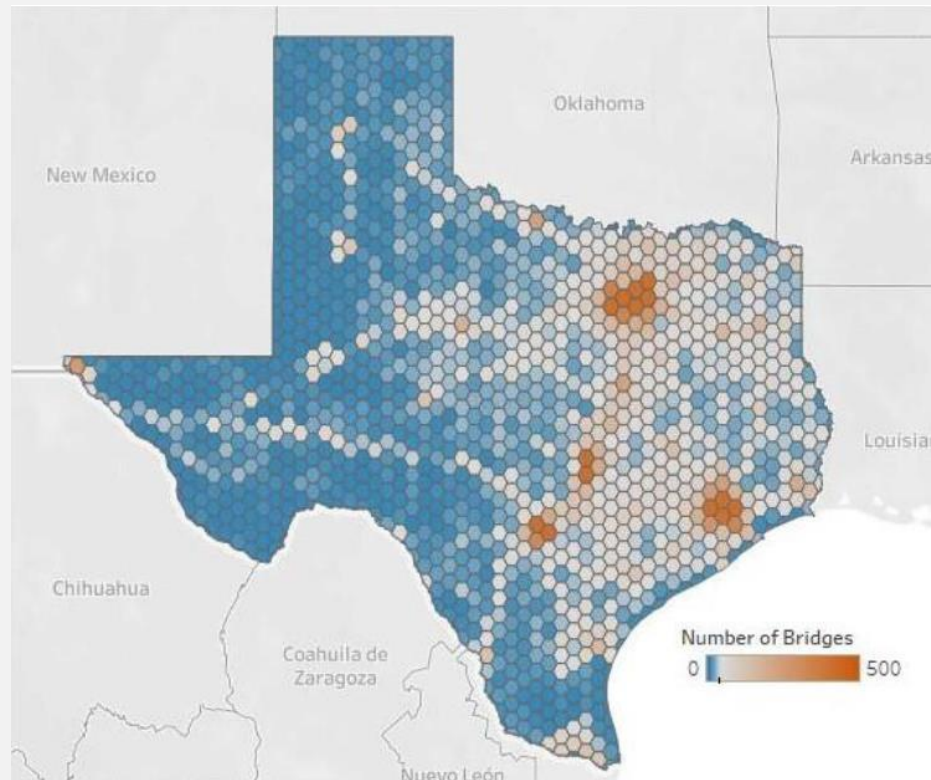
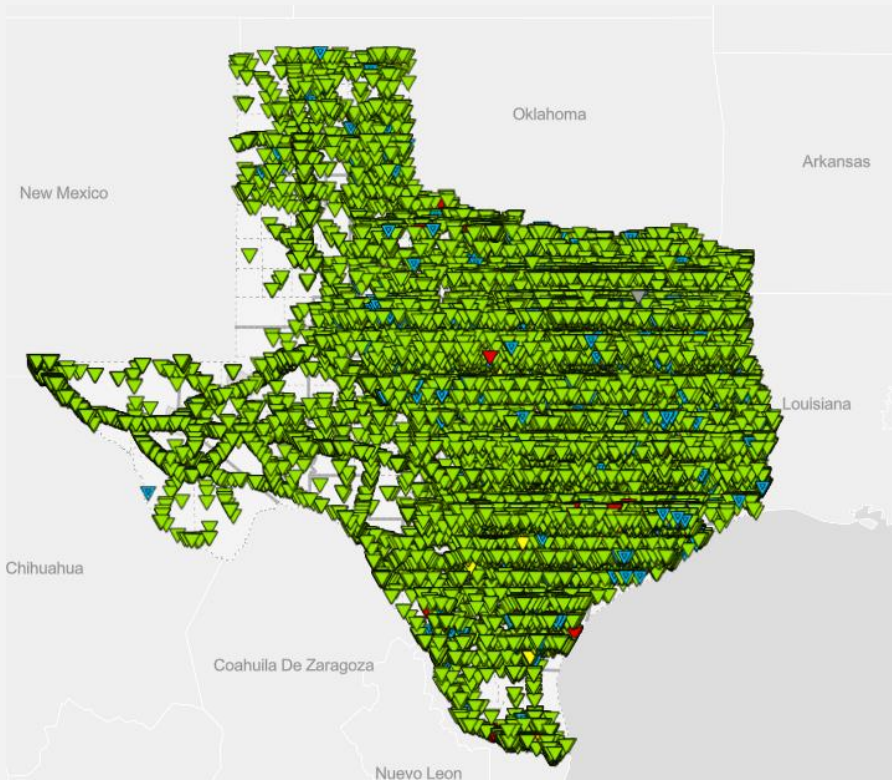
# Cost



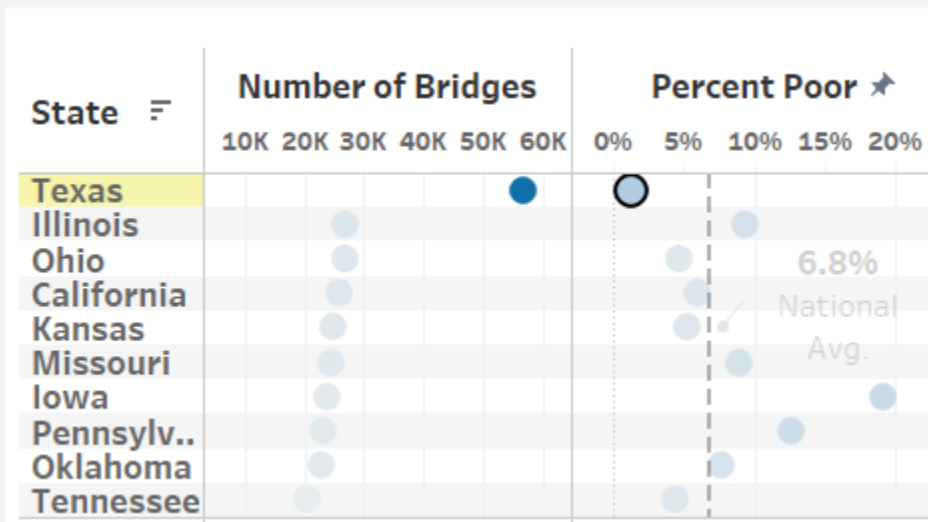
# Deterioration



# Texas



# Texas is Big



## Optimization Progress

Optimizing Program...

38%



# Texas is Big

Programs > Optimization - All Results

Result Grid

Optimization - Results Grid

Filter - All

<input type="checkbox"/> Name ↕	Duration (Hours) ↓
<input type="text" value="Search"/>	<input type="text" value="Search"/>
<input type="checkbox"/> Statewide - No Funding-MaxUtil-FTTT-Default	7026.44
<input type="checkbox"/> Statewide - STIP program-MinCost-FFFF-No Funding	70.62
<input type="checkbox"/> Statewide - STIP program-MaxUtil-FTTT-Current Funding	70.41
<input type="checkbox"/> Statewide - STIP program-MaxUtil-FFFF-Current Funding	69.09
<input type="checkbox"/> Statewide - STIP program-MaxUtil-FTTT-Current Funding	68.22
<input type="checkbox"/> GCR Deterioration-MinCost-FFTF-No Poor Bridges	66.17
<input type="checkbox"/> Statewide - STIP program-MaxUtil-FTTT-No Funding	64.34
<input type="checkbox"/> Statewide - STIP program-MaxUtil-FFFF-Current Funding	62.4
<input type="checkbox"/> Statewide - STIP program-MaxUtil-FTTT-Current Funding	53.12
<input type="checkbox"/> GCR Deterioration-MinCost-FFTF-No Poor Bridges	36.1
<input type="checkbox"/> GCR Deterioration-MinCost-FFFF-No Poor Bridges	34.18
<input type="checkbox"/> GCR Deterioration-MinCost-FFFF-No Poor	30.86

Programs > Optimization - All Results

Filter - All

<input type="checkbox"/> Name ↕	Duration (Hours) ↓
<input type="text" value="Search"/>	<input type="text" value="Search"/>
<input type="checkbox"/> *Statewide - 2024 - MinCost-MinCost-FTFF-MinCost	2.02
<input type="checkbox"/> *Replace On-System Poor Bridges-MinCost-FTFF-On-System Replace	1.98
<input type="checkbox"/> *Statewide - 2024 - MinCost-MinCost-FTFF-MinCost	1.7
<input type="checkbox"/> *Statewide - 2024 - MinCost-MinCost-FTFF-MinCost	1.68
<input type="checkbox"/> *Statewide - 2024 - MinCost-MinCost-FFTF-MinCost	1.68
<input type="checkbox"/> Dist - Austin-MaxUtil-FFTF-25M	1.67
<input type="checkbox"/> *Statewide - 2024 - MinCost-MinCost-FFTF-MinCost	1.6



# The Goal of BrM for TXDOT

The Goal of the BrM Optimizer

is to pick projects that the Engineer

would pick.

## FUNDING ALLOCATION SUMMARY

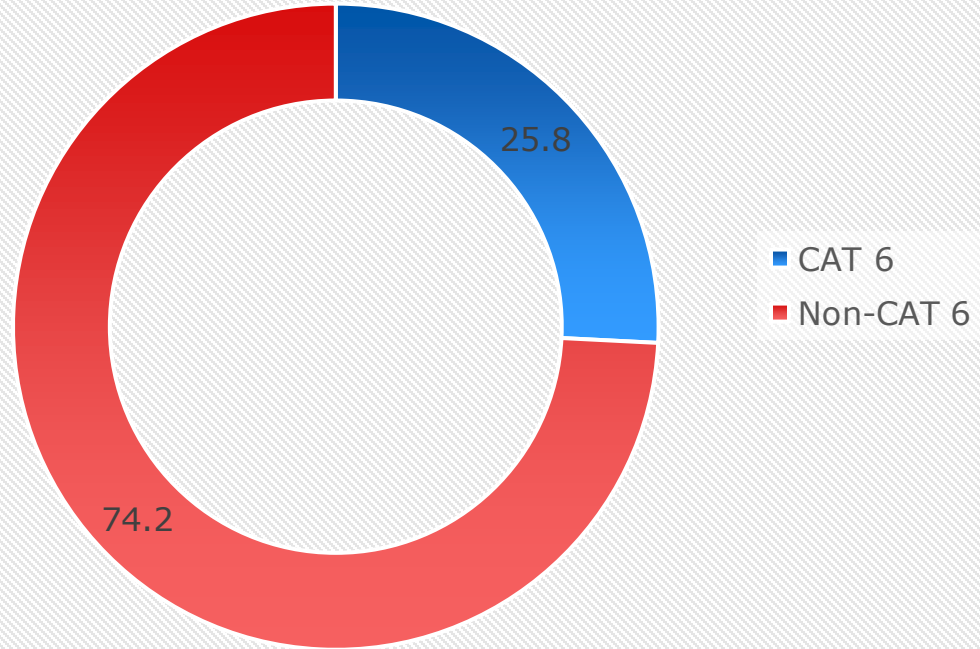
FUNDING CATEGORY	2024 UTP FUNDING DISTRIBUTION
1. Preventive Maintenance and Rehabilitation	\$ 18,667,880,000
2. Metro and Urban Area Corridor Projects	\$ 11,487,980,409
3. Non-Traditionally Funded Transportation Projects	\$ 4,986,593,894
4. Statewide Connectivity Corridor Projects	\$ 17,780,433,610
5. Congestion Mitigation and Air Quality Improvement	\$ 2,322,790,000
6. Structures Replacement and Rehabilitation (Bridge)	\$ 4,681,612,746
7. Metropolitan Mobility and Rehabilitation	\$ 5,751,838,385
8. Safety Projects	\$ 3,747,421,009
9. Transportation Alternatives	\$ 1,736,508,188
10. Supplemental Transportation Projects	\$ 2,433,528,107
11. District Discretionary	\$ 6,943,047,030
12. Strategic Priority	\$ 20,025,958,943
<b>Total UTP Funding: Categories 1-12</b>	<b>\$ 100,565,592,319</b>

## CATEGORY 6: STRUCTURES REPLACEMENT AND REHABILITATION (BRIDGE)

DISTRICT/MPD/DIVISION	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	TOTAL
Statewide Bridge Programs	\$ 576,000,000	\$ 500,000,000	\$ 457,014,622	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 4,681,612,746
<b>TOTAL</b>	<b>\$ 576,000,000</b>	<b>\$ 500,000,000</b>	<b>\$ 457,014,622</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 4,681,612,746</b>

# 2024 TAMP

## Budget



# TXDOT Bridges

Projects > Project List > Select All



Filter: Programmed Projects Layout: BRG-BIG Layout Jump to Project:

Name	Alt Id	Start Date	End Date	Create Date	First Name	Status	Project Category
<input type="checkbox"/> 010600013603028 - Rehabilitation	013603070 - 10600013603028	1/1/2024	1/1/2025	8/19/2024	Darshan	Programmed	Rehabilitation
<input type="checkbox"/> 010600013604058 - Rehabilitation	013604050 - 010600013604058	1/1/2024	1/1/2025	8/19/2024	Darshan	Programmed	Rehabilitation
<input type="checkbox"/> 010600013604062 - Rehabilitation	013604052 - 010600013604062	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Rehabilitation
<input type="checkbox"/> 010600013604101 - Rehabilitation	013604052 - 010600013604101	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Rehabilitation
<input type="checkbox"/> 010600AA0228001 - Rehabilitation	090131137 - 010600AA0228001	1/1/2024	1/1/2025	8/19/2024	Darshan	Programmed	Rehabilitation
<input type="checkbox"/> 010750004505027 - Rehabilitation	004505052 - 010750004505027	1/1/2024	1/1/2025	8/19/2024	Darshan	Programmed	Rehabilitation
<input type="checkbox"/> 010750004505028 - Rehabilitation	004505052 - 010750004505028	1/1/2024	1/1/2025	8/19/2024	Darshan	Programmed	Rehabilitation
<input type="checkbox"/> 010750020203045 - Rehabilitation	054902034 - 010750020203045	1/1/2024	1/1/2025	8/19/2024	Darshan	Programmed	Rehabilitation
<input type="checkbox"/> 010750027902001 - Rehabilitation	027902051 - 010750027902001	1/1/2024	1/1/2025	8/19/2024	Darshan	Programmed	Rehabilitation
<input type="checkbox"/> 010750062001002 - Replacement	062001019 - 010750062001002	1/1/2024	1/1/2026	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750188001001 - Replacement	188001008 - 010750188001001	1/1/2024	1/1/2026	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0122001 - Replacement	090132113 - 010750AA0122001	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0132001 - Replacement	090132119 - 010750AA0132001	1/1/2024	1/1/2029	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0157001 - Replacement	090132114 - 010750AA0157001	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0305001 - Replacement	090132120 - 010750AA0305001	1/1/2024	1/1/2029	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0353002 - Replacement	090132121 - 010750AA0353002	1/1/2024	1/1/2029	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0389001 - Replacement	090132116 - 010750AA0389001	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0398001 - Replacement	090132112 - 010750AA0398001	1/1/2024	1/1/2026	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0456001 - Replacement	090132111 - 010750AA0456001	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0488001 - Replacement	090132109 - 010750AA0488001	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0495001 - Replacement	090132110 - 010750AA0495001	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0523002 - Replacement	090132105 - 010750AA0523002	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0559001 - Replacement	090132117 - 010750AA0559001	1/1/2024	1/1/2028	8/19/2024	Darshan	Programmed	Replacement
<input type="checkbox"/> 010750AA0624002 - Replacement	090132118 - 010750AA0624002	1/1/2024	1/1/2027	8/19/2024	Darshan	Programmed	Replacement

Page size: 24 1756 items in 74 pages  
 Total Projects: 14492      Matching Filter: 1756      Selected: 0

# The Goal of BrM for TXDOT

## CATEGORY 6: STRUCTURES REPLACEMENT AND REHABILITATION (BRIDGE)

DISTRICT/MPD/DIVISION	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	TOTAL
Statewide Bridge Programs	\$ 576,000,000	\$ 500,000,000	\$ 457,014,622	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 449,799,732	\$ 4,681,612,746
<b>TOTAL</b>	<b>\$ 576,000,000</b>	<b>\$ 500,000,000</b>	<b>\$ 457,014,622</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 449,799,732</b>	<b>\$ 4,681,612,746</b>

Year	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Allocated	\$ 576,000,000.00	\$ 500,000,000.00	\$ 457,000,000.00	\$ 450,000,000.00	\$ 450,000,000.00	\$ 450,000,000.00	\$ 450,000,000.00	\$ 450,000,000.00	\$ 450,000,000.00	\$ 450,000,000.00
CAT6	-	\$ 527,761,621.00	\$ 373,346,961.00	\$ 590,710,449.00	\$ 186,603,090.00	\$ 47,479,800.00	\$ 20,309,001.00	\$ -	\$ -	\$ -
Remaining	-	\$ (27,761,621.00)	\$ 83,653,039.00	\$ (140,710,449.00)	\$ 263,396,910.00	\$ 402,520,200.00	\$ 429,690,999.00	\$ 450,000,000.00	\$ 450,000,000.00	\$ 450,000,000.00

\*Off System Poor Bridges

\*Replace On-System Poor Bridges

\*Statewide - 2024 - MinCost

# Poor Off-System Bridges

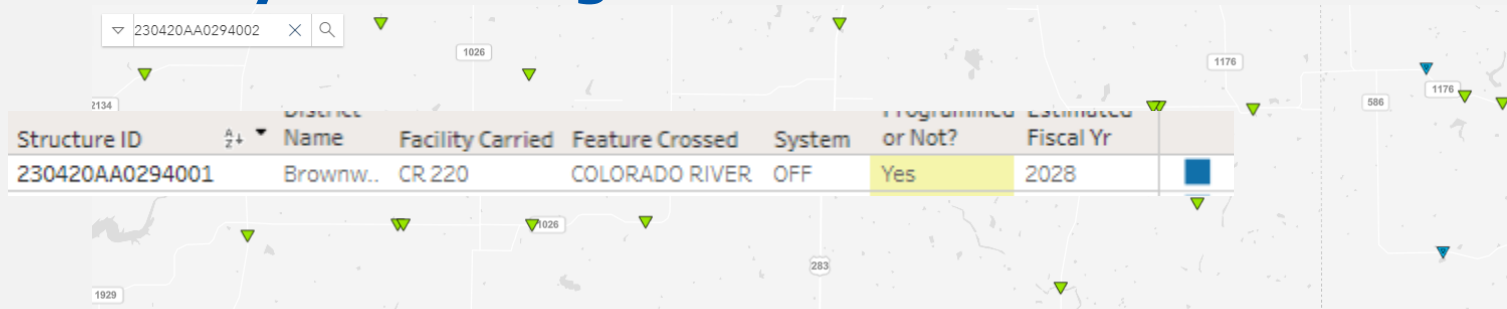
Distri	NBI#	Project Name	Category	Automat	Cost	Utili	Utility Chang	Benefit/Cost (\$)	Cost (\$k) / Bene	Ye	Froze	Status	58deck	59supe	60sub	i2culver	Poor/F	
12	120850AA0709001	120850AA0709001(Off-System Bridge Replacement)	Replacement	Yes	\$ 74,193,608.00	100	66.67	8.98E-07	1112848.484	2024	No	Proposed	6	4	5	N	Poor	
07	072260B02310002	072260B02310002(Off-System Bridge Replacement)	Replacement	Yes	\$ 7,146,118.00	100	66.67	0.00009329	107186.4226	2024	No	Proposed	6	4	5	N	Poor	
18	1805709K2550005	1805709K2550005(Off-System Bridge Replacement)	Replacement	Yes	\$ 6,252,872.00	100	66.67	0.00010662	93788.3905	2024	No	Proposed	4	5	4	N	Poor	
15	150150B27590005	150150B27590005(Off-System Bridge Replacement)	Replacement	Yes	\$ 5,126,166.00	100	33.33	0.00006501	153800.36	2024	No	Proposed	7	8	4	N	Poor	
24	241160AA8883001	241160AA8883001(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,071,088.00	100	66.67	0.000021708	46064.0167	2024	No	Proposed	3	5	2	N	Poor	
18	180430F00410002	180430F00410002(Off-System Bridge Replacement)	Replacement	Yes	\$ 1,663,161.00	100	33.33	0.00002004	49899.8199	2024	No	Proposed	7	8	4	N	Poor	
18	180570V00100003	180570V00100003(Off-System Bridge Replacement)	Replacement	Yes	\$ 1,446,615.00	100	33.33	0.000023039	43402.7902	2024	No	Proposed	6	6	4	N	Poor	
10	100930AA0067001	100930AA0067001(Off-System Bridge Replacement)	Replacement	Yes	\$ 1,252,503.00	100	33.33	0.00002661	37578.8478	2024	No	Proposed	6	3	5	N	Poor	
12	122370AA0313002	122370AA0313002(Off-System Bridge Replacement)	Replacement	Yes	\$ 800,870.00	100	33.33	0.000041617	24028.5148	2024	No	Proposed	7	6	3	N	Poor	
12	121700A00280010	121700A00280010(Culvert Replacement)	Replacement	Yes	\$ 749,888.00	100	100	0.000133353	7498.88	2024	No	Proposed	N	N	N		4	Poor
18	180570F59161002	180570F59161002(Culvert Replacem								2024	No	Proposed	N	N	N		4	Poor
18	1805709H4740001	1805709H4740001(Off-System Bridge Rep								2024	No	Proposed	6	7	4	N	Poor	
18	181750AA0317002	181750AA0317002(Off-System Bridge Rep								2024	No	Proposed	4	3	5	N	Poor	
18	1805709S2340010	1805709S2340010(Off-System Bridge Rep								2024	No	Proposed	6	5	4	N	Poor	
13	130760AA0398005	130760AA0398005(Off-System Bridge Rep								2024	No	Proposed	6	2	5	N	Poor	
18	1805709S2340008	1805709S2340008(Off-System Bridge Rep								2024	No	Proposed	6	4	4	N	Poor	
18	180570B01982001	180570B01982001(Off-System Bridge Rep								2024	No	Proposed	6	7	4	N	Poor	
01	011130AA1174002	011130AA1174002(Culvert Replacem								2024	No	Proposed	N	N	N		4	Poor
07	070480AA0120005	070480AA0120005(Off-System Bridge Rep								2024	No	Proposed	5	4	5	N	Poor	
12	121020B00297164	121020B00297164(Off-System Bridge Rep								2024	No	Proposed	7	7	4	N	Poor	
12	121020C01131001	121020C01131001(Off-System Bridge Rep								2024	No	Proposed	7	8	4	N	Poor	
18	180570J0020002	180570J0020002(Off-System Bridge Replacement)	Replacement	Yes	\$ 482,205.00	100	33.33	0.000069119	14467.5967	2024	No	Proposed	6	6	1	N	Poor	
10	102010AA0138101	102010AA0138101(Off-System Bridge Replacement)	Replacement	Yes	\$ 479,466.00	100	33.33	0.000069514	14385.4185	2024	No	Proposed	7	7	4	N	Poor	
12	121020B12665309	121020B12665309(Off-System Bridge Replacement)	Replacement	Yes	\$ 464,135.00	100	33.33	0.000071811	13925.4425	2024	No	Proposed	7	7	4	N	Poor	
13	132410C01015001	132410C01015001(Off-System Bridge Replacement)	Replacement	Yes	\$ 461,834.00	100	33.33	0.000072168	13856.4056	2024	No	Proposed	6	5	3	N	Poor	
13	130080AA0131001	130080AA0131001(Off-System Bridge Replacement)	Replacement	Yes	\$ 459,495.00	100	33.33	0.000072536	13786.2466	2024	No	Proposed	6	7	4	N	Poor	
15	151630AA0195001	151630AA0195001(Off-System Bridge Replacement)	Replacement	Yes	\$ 456,813.00	100	33.33	0.000072962	13705.7605	2024	No	Proposed	6	4	6	N	Poor	
13	130760AA0189001	130760AA0189001(Off-System Bridge Replacement)	Replacement	Yes	\$ 455,514.00	100	33.33	0.00007317	13666.7866	2024	No	Proposed	7	4	6	N	Poor	
08	081280AA0153001	081280AA0153001(Off-System Bridge Replacement)	Replacement	Yes	\$ 452,375.00	100	100	0.000221055	4523.75	2024	No	Proposed	3	4	4	N	Poor	
09	091470AA0369001	091470AA0369001(Off-System Bridge Replacement)	Replacement	Yes	\$ 452,375.00	100	33.33	0.000073677	13572.6072	2024	No	Proposed	8	8	4	N	Poor	
02	022200FF0031001	022200FF0031001(Off-System Bridge Replacement)	Replacement	Yes	\$ 443,030.00	100	33.33	0.000075231	13292.2292	2024	No	Proposed	0	NULL	NULL	NULL	Poor	
18	180570AA0222001	180570AA0222001(Off-System Bridge Replacement)	Replacement	Yes	\$ 419,696.00	100	33.33	0.000079414	12592.1392	2024	No	Proposed	7	7	4	N	Poor	
12	120850C00219001	120850C00219001(Culvert Replacement)	Replacement	Yes	\$ 415,552.00	100	100	0.000240643	4155.52	2024	No	Proposed	N	N	N		4	Poor
08	080770AA0206001	080770AA0206001(Off-System Bridge Replacement)	Replacement	Yes	\$ 412,900.00	100	33.33	0.000080721	12388.2388	2024	No	Proposed	5	6	4	N	Poor	
12	120800AA0725001	120800AA0725001(Off-System Bridge Replacement)	Replacement	Yes	\$ 402,236.00	100	33.33	0.000082861	12068.2988	2024	No	Proposed	5	5	2	N	Poor	
09	091610AA0174001	091610AA0174001(Culvert Replacement)	Replacement	Yes	\$ 395,416.00	100	100	0.000252898	3954.16	2024	No	Proposed	N	N	N		2	Poor
09	090500AA0314002	090500AA0314002(Off-System Bridge Replacement)	Replacement	Yes	\$ 385,035.00	100	33.33	0.000086563	11552.2052	2024	No	Proposed	7	5	4	N	Poor	

Average: \$569,213.93    Count: 100    Sum: \$56,921,393.00

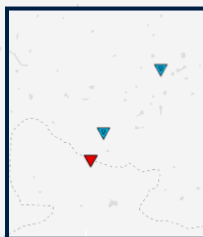
# Poor Off-System Bridges

District	NBI#	Project Name	Category	Automat	Cost	Utili	Utility Chang	Benefit/Cost (\$)	Cost (\$k) / Bene	Yes	Froze	Status	58deck	59supe	60sub	62culver	Poor/F		
18	1805709C6240001	1805709C6240001(Off-System Bridge Replacement)	Replacement	Yes	\$ 29,263,596.00	100	66.67	0.00002278	438931.9934	2024	No	Proposed		5	5	5	N	Fair	
12	121020AA2063018	121020AA2063018(Off-System Bridge Replacement)	Replacement	Yes	\$ 27,453,474.00	100	33.33	0.00001214	823686.6015	2027	No	Proposed		7	7	5	N	Fair	
24	240720B42270003	240720B42270003(Off-System Bridge Replacement)	Replacement	Yes	\$ 17,392,050.00	100	33.33	0.000001916	521813.6813	2025	No	Proposed		5	6	5	N	Fair	
04	041910B01704020	041910B01704020(Off-System Bridge Replacement)	Replacement	Yes	\$ 16,462,545.00	100	33.33	0.00002024	493925.7677	2025	No	Proposed		6	5	5	N	Fair	
18	1805709M6760004	1805709M6760004(Off-System Bridge Replacement)	Replacement	Yes	\$ 12,973,989.00	100	33.33	0.00002568	389258.6238	2026	No	Proposed		7	6	5	N	Fair	
12	121020AA5350001	121020AA5350001(Off-System Bridge Replacement)	Replacement	Yes	\$ 11,283,254.00	100	33.33	0.00002953	338531.4731	2024	No	Proposed		6	6	5	N	Fair	
12	121020B30433565	121020B30433565(Off-System Bridge Replacement)	Replacement	Yes	\$ 10,583,377.00	100	33.33	0.00003149	317533.0693	2024	No	Proposed		5	6	6	N	Fair	
12	121020B34713149	121020B34713149(Off-System Bridge Replacement)	Replacement	Yes	\$ 10,905,964.00	100	66.67	0.00006663	150081.9635	2028	No	Proposed		5	5	6	N	Fair	
18	1805709C2050001	1805709C2050001(Off-System Bridge Replacement)	Replacement	Yes	\$ 7,346,403.00	100	33.33	0.00004536	220414.1464	2026	No	Proposed		6	5	6	N	Fair	
12	121020B15953001	121020B15953001(Off-System Bridge Replacement)	Replacement	Yes	\$ 7,137,492.00	100	66.67	0.0000934	107057.0271	2024	No	Proposed		5	5	5	N	Fair	
24	240720B52920009	240720B52920009(Off-System Bridge Replacement)	Replacement	Yes	\$ 6,917,186.00	100	33.33	0.000040818	207536.3565	2026	No	Proposed		5	6	6	N	Fair	
07	072000B00255024	072000B00255024(Off-System Bridge Replacement)	Replacement	Yes	\$ 6,201,864.00	100	66.67	0.000010749	93023.3093	2025	No	Proposed		5	6	5	N	Fair	
12	121020B59009002	121020B59009002(Off-System Bridge Replacement)	Replacement	Yes	\$ 6,121,643.00	100	33.33	0.00005444	183667.657	2025	No	Proposed		5	5	6	N	Fair	
12	121020B26105003	121020B26105003(Off-System Bridge Replacement)	Replacement	Yes	\$ 5,732,277.00	100	33.33	0.00005814	171985.5294	2027	No	Proposed		7	7	5	N	Fair	
12	121020B56401669	121020B56401669(Off-System Bridge Replacement)	Replacement	Yes	\$ 5,353,103.00	100	100	0.00001868	53531.032	2024	No	Proposed		5	5	5	N	Fair	
02	0222002U4000005	0222002U4000005(Off-System Bridge Replacement)	Replacement	Yes	\$ 5,219,854.00	100	33.33	0.00006385	156611.3065	2025	No	Proposed		5	6	6	N	Fair	
12	121020B43593001	121020B43593001(Off-System Bridge Replacement)	Replacement	Yes	\$ 5,201,834.00	100	33.33	0.00006407	156070.627	2024	No	Proposed		6	5	6	N	Fair	
09	091610B04371003	091610B04371003(Off-System Bridge Replacement)	Replacement	Yes	\$ 5,162,471.00	100	33.33	0.00006456	154889.6369	2025	No	Proposed		7	6	5	N	Fair	
14	142460E00740002	142460E00740002(Off-System Bridge Replacement)	Replacement	Yes	\$ 5,006,959.00	100	33.33	0.00006656	150223.7923	2024	No	Proposed		7	6	5	N	Fair	
23	230420AA0498001	230420AA0498001(Off-System Bridge Replacement)	Replacement	Yes	\$ 4,304,646.00	100	66.67	0.000015487	64566.4736	2024	No	Proposed		5	5	5	N	Fair	
02	0222002U4000006	0222002U4000006(Off-System Bridge Replacement)	Replacement	Yes	\$ 4,129,493.00	100	33.33	0.00008071	123897.1813	2025	No	Proposed		5	5	6	N	Fair	
18	1805709W2170003	1805709W2170003(Culvert Replacement)	Replacement	Yes	\$ 3,768,016.00	100	100	0.000026539	37680.16	2024	No	Proposed	N	N				5	Fair
02	0222002C2225001	0222002C2225001(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,694,242.00	100	33.33	0.00009022	110838.351	2025	No	Proposed		5	7	5	N	Fair	
12	121020B25401002	121020B25401002(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,336,612.00	100	66.67	0.000019981	50046.6836	2024	No	Proposed		6	5	5	N	Fair	
12	121020B26105602	121020B26105602(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,318,595.00	100	66.67	0.000020089	49776.4361	2024	No	Proposed		5	5	6	N	Fair	
02	0222002V4040006	0222002V4040006(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,297,409.00	100	33.33	0.000010107	98932.1764	2025	No	Proposed		8	5	6	N	Fair	
12	121020AA2111001	121020AA2111001(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,217,701.00	100	33.33	0.000010358	96540.702	2024	No	Proposed		7	5	6	N	Fair	
18	1805709C6210001	1805709C6210001(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,149,638.00	100	33.33	0.000010582	94498.5981	2028	No	Proposed		5	5	6	N	Fair	
24	240720B74070004	240720B74070004(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,088,238.00	100	33.33	0.000010792	92656.4176	2025	No	Proposed		7	5	5	N	Fair	
18	180610H01370002	180610H01370002(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,073,073.00	100	33.33	0.000010845	92201.4101	2024	No	Proposed		6	5	5	N	Fair	
18	180610H01370001	180610H01370001(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,073,073.00	100	33.33	0.000010845	92201.4101	2024	No	Proposed		6	5	5	N	Fair	
15	150150B27995001	150150B27995001(Off-System Bridge Replacement)	Replacement	Yes	\$ 3,070,996.00	100	33.33	0.000010853	92139.1188	2027	No	Proposed		6	5	6	N	Fair	
18	1805709H6090004	1805709H6090004(Off-System Bridge Replacement)	Replacement	Yes	\$ 2,887,144.00	100	33.33	0.000011544	86622.9822	2024	No	Proposed		6	6	5	N	Fair	
12	121020AA2111006	121020AA2111006(Off-System Bridge Replacement)	Replacement	Yes	\$ 2,742,374.00	100	33.33	0.000012153	82279.4599	2024	No	Proposed		5	5	5	N	Fair	
15	150150B12185002	150150B12185002(Culvert Replacement)	Replacement	Yes	\$ 2,642,277.00	100	100	0.000037846	26422.7741	2027	No	Proposed	N	N				5	Fair
12	121020B32994001	121020B32994001(Off-System Bridge Replacement)	Replacement	Yes	\$ 2,558,429.00	100	33.33	0.000013027	76760.5621	2025	No	Proposed		6	6	5	N	Fair	
20	201810B00375002	201810B00375002(Off-System Bridge Replacement)	Replacement	Yes	\$ 2,519,586.00	100	33.33	0.000013228	75595.1402	2027	No	Proposed		6	6	5	N	Fair	

# Poor Off-System Bridges



57	23	230420AA0294002	230420AA0294002(Off-System Bridge Replacement)	Replacement	Yes	\$ 1,702,319.00	100	33.33	0.000019579	51074.6844	2027
----	----	-----------------	--	-------------	-----	-----------------	-----	-------	-------------	------------	------



**The Goal of the BrM Optimizer is to pick projects that the Engineer would pick.**

# Poor On-System Bridges

District	NBI#	Project Name	Category	Automa	Cost	Util	Utility Chan	Benefit/Cost (\$)	Cost (\$k) / Bene	Ye	Froz	Statu	58deck	59supe	60sub	2culve	Poor/Fat
12	120850050001132	120850050001132(On-System Bridge Replacement)	Replacement	Yes	\$13,343,946.00	100	66.67	0.000004996	200149.1825	2024	No	Proposed	6	5	4	N	Poor
12	120850050001001	120850050001001(On-System Bridge Replacement)	Replacement	Yes	\$12,019,361.00	100	66.67	0.000005546	180281.4039	2024	No	Proposed	6	5	4	N	Poor
18	181300009503072	181300009503072(On-System Bridge Replacement)	Replacement	Yes	\$ 9,937,681.00	100	33.33	0.000003353	298160.264	2024	No	Proposed	5	5	4	N	Poor
18	180570009202063	180570009202063(On-System Bridge Replacement)	Replacement	Yes	\$ 9,747,522.00	100	33.33	0.000003419	292454.9174	2024	No	Proposed	4	5	5	N	Poor
18	181300009503011	181300009503011(On-System Bridge Replacement)	Replacement	Yes	\$ 9,690,234.00	100	33.33	0.000003439	290736.1056	2024	No	Proposed	6	5	4	N	Poor
18	180570237402341	180570237402341(On-System Bridge Replacement)	Replacement	Yes	\$ 9,284,644.00	100	33.33	0.000003589	278567.1865	2027	No	Proposed	3	6	5	N	Poor
09	091610020901034	091610020901034(On-System Bridge Replacement)	Replacement	Yes	\$ 8,547,055.00	100	33.33	0.000003899	256437.2937	2024	No	Proposed	6	4	6	N	Poor
18	180570019603199	180570019603199(On-System Bridge Replacement)	Replacement	Yes	\$ 7,362,124.00	100	33.33	0.000004527	220885.8085	2024	No	Proposed	4	5	5	N	Poor
09	090740020902053	090740020902053(On-System Bridge Replacement)	Replacement	Yes	\$ 6,651,216.00	100	33.33	0.000005011	199556.4356	2024	No	Proposed	5	6	1	N	Poor
13	130620014308037	130620014308037(On-System Bridge Replacement)	Replacement	Yes	\$ 6,296,296.00	100	33.33	0.000005293	188907.7707	2024	No	Proposed	7	4	6	N	Poor
18	180610019502053	180610019502053(On-System Bridge Replacement)	Replacement	Yes	\$ 6,061,951.00	100	33.33	0.000005105	184655.7335	2024	No	Proposed	4	5	6	N	Poor
11	112100074201014	112100074201014(On-System Bridge Replacement)	Replacement	Yes	\$ 5,866,716.00	100	66.67	0.000007025	58667.1666	2024	No	Proposed	7	7	3	N	Poor
20	201240002813091	201240002813091(On-System Bridge Replacement)	Replacement	Yes	\$ 5,866,716.00	100	66.67	0.000007025	58667.1666	2024	No	Proposed	6	6	4	N	Poor
20	201810030601017	201810030601017(On-System Bridge Replacement)	Replacement	Yes	\$ 5,866,716.00	100	66.67	0.000007025	58667.1666	2024	No	Proposed	7	6	4	N	Poor
11	111140033502019	111140033502019(On-System Bridge Replacement)	Replacement	Yes	\$ 5,866,716.00	100	66.67	0.000007025	58667.1666	2024	No	Proposed	6	5	4	N	Poor
20	201240050804202	201240050804202(On-System Bridge Replacement)	Replacement	Yes	\$ 5,866,716.00	100	66.67	0.000007025	58667.1666	2024	No	Proposed	5	5	4	N	Poor
20	201240050804201	201240050804201(On-System Bridge Replacement)	Replacement	Yes	\$ 5,866,716.00	100	66.67	0.000007025	58667.1666	2024	No	Proposed	5	5	4	N	Poor
12	121020050003088	121020050003088(On-System Bridge Replacement)	Replacement	Yes	\$ 5,866,716.00	100	66.67	0.000007025	58667.1666	2024	No	Proposed	6	4	7	N	Poor
12	121020050003336	121020050003336(On-System Bridge Replacement)	Replacement	Yes	\$ 3,823,188.00	100	33.33	0.000008717	114707.1287	2024	No	Proposed	6	4	7	N	Poor
12	121020050003210	121020050003210(On-System Bridge Replacement)	Replacement	Yes	\$ 3,740,198.00	100	33.33	0.000008911	112217.1617	2024	No	Proposed	5	6	4	N	Poor
18	180570237402110	180570237402110(On-System Bridge Replacement)	Replacement	Yes	\$ 3,608,292.00	100	33.33	0.000009237	108259.6066	2025	No	Proposed	4	6	6	N	Poor
18	180570237402066	180570237402066(On-System Bridge Replacement)	Replacement	Yes	\$ 3,469,512.00	100	33.33	0.000009606	104095.7755	2024	No	Proposed	4	6	6	N	Poor
18	180570237402080	180570237402080(Culvert Replacement)	Replacement	Yes	\$ 3,104,400.00	100	100	0.000032212	31044	2024	No	Proposed	N	N	N	4	Poor
14	140110011406115	140110011406115(On-System Bridge Replacement)	Replacement	Yes	\$ 3,025,899.00	100	33.33	0.000011014	90786.0726	2024	No	Proposed	7	4	7	N	Poor
11	112020006406059	112020006406059(On-System Bridge Replacement)	Replacement	Yes	\$ 2,868,385.00	100	33.33	0.000011619	86060.162	2024	No	Proposed	6	6	4	N	Poor
02	022200001415331	022200001415331(On-System Bridge Replacement)	Replacement	Yes	\$ 2,859,975.00	100	33.33	0.000011653	85807.8307	2024	No	Proposed	7	6	3	N	Poor
02	022200017206067	022200017206067(On-System Bridge Replacement)	Replacement	Yes	\$ 2,658,432.00	100	33.33	0.000012537	79760.936	2024	No	Proposed	5	4	6	N	Poor
03	030390004403016	030390004403016(On-System Bridge Replacement)	Replacement	Yes	\$ 2,570,589.00	100	33.33	0.000012965	77125.3825	2024	No	Proposed	7	4	5	N	Poor
02	022200000813100	022200000813100(On-System Bridge Replacement)	Replacement	Yes	\$ 2,416,496.00	100	33.33	0.000013792	72502.1302	2024	No	Proposed	6	4	6	N	Poor
12	121020038905102	121020038905102(On-System Bridge Replacement)	Replacement	Yes	\$ 2,269,051.00	100	33.33	0.000014688	68078.3498	2024	No	Proposed	6	4	7	N	Poor
12	121020038905058	121020038905058(On-System Bridge Replacement)	Replacement	Yes	\$ 2,256,916.00	100	33.33	0.000014767	67714.2574	2024	No	Proposed	5	4	7	N	Poor
06	062380000402064	062380000402064(On-System Bridge Replacement)	Replacement	Yes	\$ 2,188,811.00	100	33.33	0.000015227	65670.921	2024	No	Proposed	6	3	5	N	Poor
10	102120024506020	102120024506020(On-System Bridge Replacement)	Replacement	Yes	\$ 1,923,583.00	100	33.33	0.000017327	57713.2673	2024	No	Proposed	7	7	4	N	Poor
01	011390169001022	011390169001022(On-System Bridge Replacement)	Replacement	Yes	\$ 1,784,213.00	100	33.33	0.00001868	53531.7519	2028	No	Proposed	6	3	6	N	Poor

Average: \$3,963,157.06    Count: 49    Sum: \$194,194,696.00



# Poor On-System Bridges

District	NBI#	Project Name	Category	Automa	Cost	Util	Utility Chan	Benefit/Cost (\$)	Cost (\$k) / Bene	Ye	Froz	Statu	58deck	59supe	60sub	2culve	Poor/R-T
01	011390074902034	011390074902034(Culvert Replacement)	Replacement	Yes	\$ 186,128.00	100	100	0.000537264	1861.28	2024	No	Proposed	N	N	N		5 Fair
03	030120012501004	030120012501004(Culvert Replacement)	Replacement	Yes	\$ 217,532.00	100	100	0.000459702	2175.32	2024	No	Proposed	N	N	N		5 Fair
20	200360102201004	200360102201004(On-System Bridge Replacement)	Replacement	Yes	\$ 222,156.00	100	33.33	0.000150029	6665.3465	2024	No	Proposed	N	7	7	5 N	Fair
19	191830042803003	191830042803003(Culvert Replacement)	Replacement	Yes	\$ 245,136.00	100	100	0.000407936	2451.36	2024	No	Proposed	N	N	N		5 Fair
01	011170057902002	011170057902002(On-System Bridge Replacement)	Replacement	Yes	\$ 261,165.00	100	66.67	0.000255279	3917.2791	2024	No	Proposed	N	5	5	7 N	Fair
01	010750170802005	010750170802005(Culvert Replacement)	Replacement	Yes	\$ 263,248.00	100	100	0.000379869	2632.48	2024	No	Proposed	N	N	N		5 Fair
03	032440116201002	032440116201002(Culvert Replacement)	Replacement	Yes	\$ 279,801.00	100	100	0.000357396	2798.01	2024	No	Proposed	N	N	N		5 Fair
14	142270153501002	142270153501002(On-System Bridge Replacement)	Replacement	Yes	\$ 294,496.00	100	33.33	0.000113176	8835.7635	2024	No	Proposed	N	6	7	6 N	Fair
06	061860014003020	061860014003020(Culvert Replacement)	Replacement	Yes	\$ 294,800.00	100	100	0.000339213	2948	2024	No	Proposed	N	N	N		5 Fair
09	091100020912062	091100020912062(Culvert Replacement)	Replacement	Yes	\$ 309,616.00	100	100	0.00032298	3096.16	2024	No	Proposed	N	N	N		5 Fair
17	172390140501002	172390140501002(Culvert Replacement)	Replacement	Yes	\$ 312,168.00	100	100	0.00032034	3121.68	2024	No	Proposed	N	N	N		5 Fair
06	062380000401017	062380000401017(Culvert Replacement)	Replacement	Yes	\$ 323,475.00	100	100	0.000309142	3234.75	2024	No	Proposed	N	N	N		5 Fair
09	090740107702004	090740107702004(Culvert Replacement)	Replacement	Yes	\$ 331,208.00	100	100	0.000301925	3312.08	2024	No	Proposed	N	N	N		5 Fair
01	011900020304028	011900020304028(Culvert Replacement)	Replacement	Yes	\$ 333,448.00	100	100	0.000299896	3334.48	2024	No	Proposed	N	N	N		5 Fair
01	011170017401029	011170017401029(Culvert Replacement)	Replacement	Yes	\$ 336,464.00	100	100	0.000297208	3364.64	2024	No	Proposed	N	N	N		5 Fair
03	030120129701001	030120129701001(Culvert Replacement)	Replacement	Yes	\$ 354,857.00	100	100	0.000281803	3548.57	2024	No	Proposed	N	N	N		5 Fair
12	121020050807300	121020050807300(On-System Bridge Replacement)	Replacement	Yes	\$ 355,392.00	100	33.33	0.000093783	10662.8262	2024	No	Proposed	N	5	5	5 N	Fair
03	032520036102015	032520036102015(Culvert Replacement)	Replacement	Yes	\$ 359,866.00	100	100	0.000277881	3598.66	2024	No	Proposed	N	N	N		5 Fair
16	161290129402001	161290129402001(Culvert Replacement)	Replacement	Yes	\$ 376,968.00	100	100	0.000265274	3769.68	2024	No	Proposed	N	N	N		5 Fair
01	011390004516099	011390004516099(On-System Bridge Replacement)	Replacement	Yes	\$ 203,243.00	100	33.33	0.00016399	6097.9134	2026	No	Proposed	N	6	6	5 N	Fair
19	191030063203020	191030063203020(On-System Bridge Replacement)	Replacement	Yes	\$ 386,814.00	100	33.33	0.000086165	11605.5805	2024	No	Proposed	N	7	7	5 N	Fair
12	121020002710084	121020002710084(On-System Bridge Replacement)	Replacement	Yes	\$ 683,888.00	100	66.67	0.000097486	10257.8071	2024	No	Proposed	N	5	5	6 N	Fair
01	010750027904014	010750027904014(Culvert Replacement)	Replacement	Yes	\$ 390,432.00	100	100	0.000256126	3904.32	2024	No	Proposed	N	N	N		5 Fair
08	082090012601008	082090012601008(On-System Bridge Replacement)	Replacement	Yes	\$ 395,955.00	100	66.67	0.000168377	5939.028	2024	No	Proposed	N	5	5	6 N	Fair
12	122370005005023	122370005005023(Culvert Replacement)	Replacement	Yes	\$ 398,328.00	100	100	0.000251049	3983.28	2024	No	Proposed	N	N	N		5 Fair
06	062220002201005	062220002201005(Culvert Replacement)	Replacement	Yes	\$ 408,025.00	100	100	0.000245083	4080.25	2024	No	Proposed	N	N	N		5 Fair
19	190340214801001	190340214801001(Culvert Replacement)	Replacement	Yes	\$ 419,200.00	100	100	0.000238549	4192	2024	No	Proposed	N	N	N		5 Fair
12	120800281701003	120800281701003(Culvert Replacement)	Replacement	Yes	\$ 419,728.00	100	100	0.000238249	4197.28	2024	No	Proposed	N	N	N		5 Fair
18	180610008105016	180610008105016(On-System Bridge Replacement)	Replacement	Yes	\$ 450,938.00	100	33.33	0.000073912	13529.5049	2024	No	Proposed	N	6	5	6 N	Fair
12	121020002713071	121020002713071(On-System Bridge Replacement)	Replacement	Yes	\$ 462,928.00	100	33.33	0.000071998	13889.2289	2024	No	Proposed	N	5	5	6 N	Fair
25	250440079707003	250440079707003(On-System Bridge Replacement)	Replacement	Yes	\$ 464,638.00	100	100	0.000215221	4646.38	2024	No	Proposed	N	5	5	5 N	Fair
17	170940233601005	170940233601005(Culvert Replacement)	Replacement	Yes	\$ 480,546.00	100	100	0.000208096	4805.46	2024	No	Proposed	N	N	N		5 Fair
16	161370184501001	161370184501001(Culvert Replacement)	Replacement	Yes	\$ 484,088.00	100	100	0.000206574	4840.88	2024	No	Proposed	N	N	N		5 Fair
15	150150007308079	150150007308079(Culvert Replacement)	Replacement	Yes	\$ 484,500.00	100	100	0.000206938	4845	2024	No	Proposed	N	N	N		5 Fair

Program Planning Export Sheet1 | Sheet2 | +

515 of 4391 records found Accessibility: Investigate

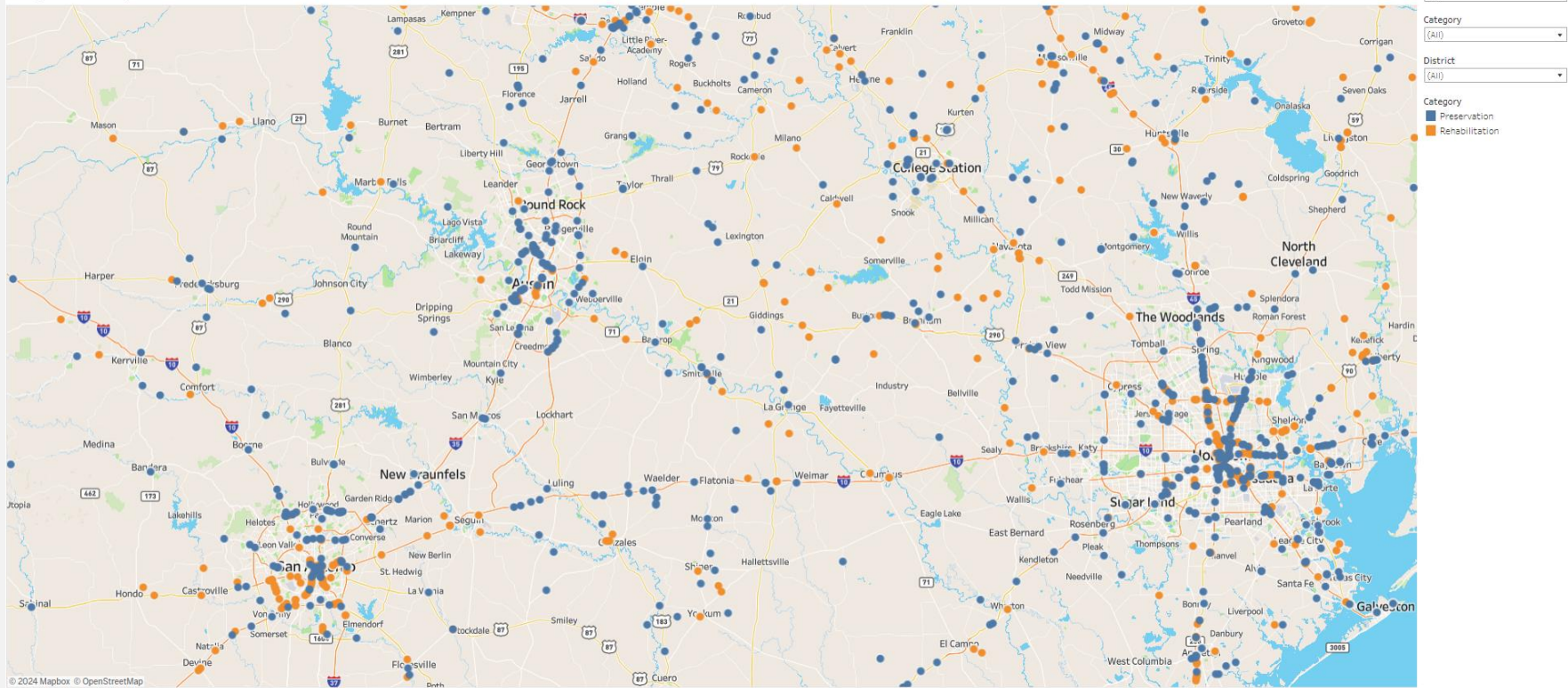
Average: \$3,274,772.97 Count: 516 Sum: \$1,686,508,077.00 Display Settings

# On-System Bridge Rehab and Preservation

Distr	NBI#	Work Performed	Category	Cost	Quick Replace Estimate(Deck Area x 125 x 3.4)	Rehab vs Replace cost percentage	Rehab Cost by Deck Area	Util	Utility Char	Benefit/Cost (	Cost (\$k) / Benef	58dec	59sup	60sul	2culve
16	16129015520100	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 103,938.00	\$ 452,625.00	23%	\$ 97.59	93	25.98	0.000249955	4000.7141	2028	7	7	6 N
17	17239014040200	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 109,365.00	\$ 1,881,687.50	6%	\$ 24.70	93	20.52	0.000187628	5329.6893	2028	6	6	6 N
09	09161000490107	(Deck Rehabilitation, Superstructure Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 161,601.00	\$ 4,645,462.50	3%	\$ 14.78	94	25.78	0.000159528	6268.4648	2028	7	6	6 N
04	04056007900100	(Deck Preservation, Substructure Preservation)	Preservation	\$ 102,378.00	\$ 1,075,250.00	10%	\$ 40.47	90	15.82	0.000154524	6471.4725	2028	7	7	7 N
02	02220000940513	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 141,147.00	\$ 1,370,625.00	10%	\$ 43.77	90	19.96	0.000141412	7071.5151	2028	6	6	7 N
15	15015024520311	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 116,962.00	\$ 1,343,000.00	9%	\$ 37.01	93	15.94	0.000136282	7337.6942	2028	7	7	7 N
17	17154017230100	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 173,886.00	\$ 537,625.00	32%	\$ 137.46	88	23.68	0.000136118	7343.188	2028	6	6	6 N
20	20229007030301	(Deck Preservation, Substructure Preservation)	Preservation	\$ 104,885.00	\$ 944,775.00	11%	\$ 47.18	86	14.25	0.000135862	7360.3739	2028	7	7	6 N
17	17145019700200	(Deck Rehabilitation, Superstructure Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 145,719.00	\$ 629,850.00	23%	\$ 98.33	98	19.72	0.000135328	7389.413	2028	7	7	7 N
21	21245014300100	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 121,951.00	\$ 806,437.50	15%	\$ 64.27	91	16.49	0.000135217	7395.4965	2028	6	6	6 N
11	11187011930100	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 153,390.00	\$ 1,075,250.00	14%	\$ 60.63	93	20.68	0.000134818	7417.3572	2028	6	6	6 N
09	09014019240100	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 210,559.00	\$ 806,437.50	26%	\$ 110.97	94	28.13	0.000133596	7485.2254	2028	6	6	6 N
16	16089009430401	(Deck Preservation, Substructure Preservation)	Preservation	\$ 100,624.00	\$ 1,094,502.50	9%	\$ 39.07	88	13.43	0.000133466	7492.492	2028	7	7	6 N
09	09161000490107	(Deck Rehabilitation, Superstructure Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 163,555.00	\$ 4,658,850.00	4%	\$ 14.92	94	21.7	0.000132677	7557.0999	2028	7	6	6 N
17	17154021320100	(Deck Preservation, Substructure Preservation)	Preservation	\$ 111,836.00	\$ 1,075,250.00	10%	\$ 44.20	90	14.72	0.00013162	7597.6136	2028	7	7	7 N
20	20176002140201	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 116,712.00	\$ 1,360,000.00	9%	\$ 36.47	89	15.35	0.000131519	7603.4379	2028	6	6	7 N
09	09161000560100	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 132,577.00	\$ 1,097,392.50	12%	\$ 51.34	88	17.11	0.000129056	7748.5229	2028	6	6	6 N
04	04211028030100	(Deck Preservation, Substructure Preservation)	Preservation	\$ 104,348.00	\$ 944,775.00	11%	\$ 46.94	87	12.91	0.00012372	8082.7572	2028	6	6	6 N
17	17154017230100	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 189,769.00	\$ 537,625.00	35%	\$ 150.02	86	22.86	0.000120462	8301.3668	2028	6	6	6 N
25	25065017120200	(Deck Preservation, Substructure Preservation)	Preservation	\$ 124,130.00	\$ 678,937.50	18%	\$ 77.70	84	14.69	0.000118343	8450.0029	2028	7	7	6 N
11	11174010740100	(Deck Preservation, Substructure Preservation)	Preservation	\$ 117,181.00	\$ 1,443,470.00	8%	\$ 34.50	88	13.72	0.000117083	8540.8962	2028	7	7	6 N
09	09018004220102	(Deck Preservation, Substructure Preservation)	Preservation	\$ 134,403.00	\$ 1,574,625.00	9%	\$ 36.28	89	15.57	0.000115845	8632.1936	2028	6	6	6 N
01	01060007490301	(Substructure Rehabilitation)	Rehabilitation	\$ 627,416.00	\$ 3,826,785.00	16%	\$ 69.68	78	17.03	0.000027143	36841.832	2028	7	6	5 N
15	15015000720824	(Deck Rehabilitation, Superstructure Rehabilitation)	Rehabilitation	\$ 160,685.00	\$ 2,975,000.00	5%	\$ 22.96	95	18.27	0.0001137	8795.0282	2028	7	7	7 N
01	01117000091323	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 161,225.00	\$ 828,750.00	19%	\$ 82.68	90	17.87	0.000110838	9022.1293	2028	7	7	6 N
16	16129010950300	(Substructure Rehabilitation)	Rehabilitation	\$ 104,703.00	\$ 400,775.00	26%	\$ 111.03	83	11.39	0.000108783	9192.6034	2028	7	6	6 N
01	01194007220201	(Substructure Rehabilitation)	Rehabilitation	\$ 113,124.00	\$ 539,750.00	21%	\$ 89.07	87	11.99	0.000105989	9434.9253	2028	7	7	6 N
09	09098023080100	(Deck Preservation, Substructure Preservation)	Preservation	\$ 108,372.00	\$ 944,775.00	11%	\$ 48.75	90	11.31	0.000104362	9582.0313	2028	7	7	6 N
12	12020025240200	(Deck Preservation, Substructure Preservation)	Preservation	\$ 100,571.00	\$ 1,715,530.00	14%	\$ 59.74	88	10.48	0.000104204	9596.5199	2028	7	6	6 N
17	17239025840100	(Deck Preservation, Substructure Preservation)	Preservation	\$ 122,226.00	\$ 1,259,700.00	10%	\$ 41.24	88	12.62	0.000103205	9685.1764	2028	7	7	7 N
09	09050007240401	(Deck Preservation, Substructure Preservation)	Preservation	\$ 134,056.00	\$ 1,236,537.50	11%	\$ 46.08	91	13.67	0.000101971	9806.6335	2028	7	7	6 N
17	17239003150805	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 182,386.00	\$ 1,574,625.00	12%	\$ 49.23	96	18.51	0.000101487	9853.4076	2028	6	7	6 N
08	08017006820200	(Deck Preservation, Substructure Preservation)	Preservation	\$ 110,190.00	\$ 1,187,322.50	9%	\$ 39.44	89	11.17	0.000101369	9864.8662	2028	7	7	7 N
15	15095005350213	(Deck Preservation, Substructure Preservation)	Preservation	\$ 102,402.00	\$ 1,510,025.00	7%	\$ 28.82	90	10.33	0.000100876	9913.1306	2028	7	7	7 N
11	11228020710300	(Substructure Rehabilitation)	Rehabilitation	\$ 102,889.00	\$ 537,625.00	19%	\$ 81.34	81	10.28	0.000099912	10008.7389	2028	7	6	6 N
03	03039003910504	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 256,049.00	\$ 1,177,250.00	22%	\$ 92.44	88	25.54	0.000099746	10025.423	2028	6	6	6 N
04	04006007880300	(Deck Rehabilitation, Substructure Rehabilitation)	Rehabilitation	\$ 243,480.00	\$ 249,687.50	98%	\$ 414.43	90	24.18	0.000099309	10069.496	2028	7	7	6 N
15	15015000171036	(Substructure Rehabilitation)	Rehabilitation	\$ 106,775.00	\$ 1,768,000.00	6%	\$ 25.67	89	10.53	0.000098618	10140.116	2028	7	7	5 N
01	01075000450603	(Substructure Rehabilitation)	Rehabilitation	\$ 812,257.00	\$ 2,158,065.00	38%	\$ 159.96	89	16.65	0.000020498	48784.2139	2028	7	7	5 N

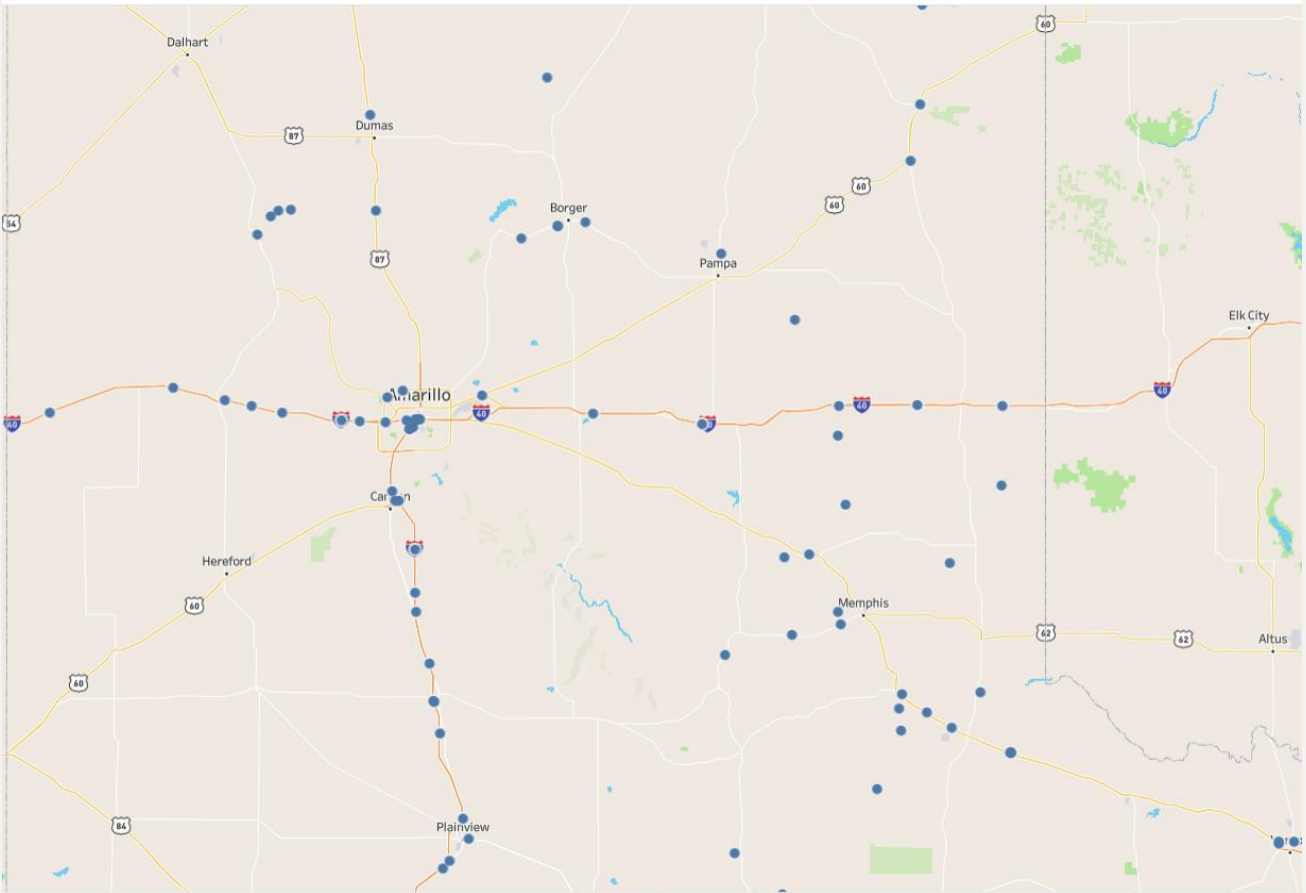
# On-System Bridge Rehabilitation and Preservation

Program Call Map



© 2024 Mapbox © OpenStreetMap

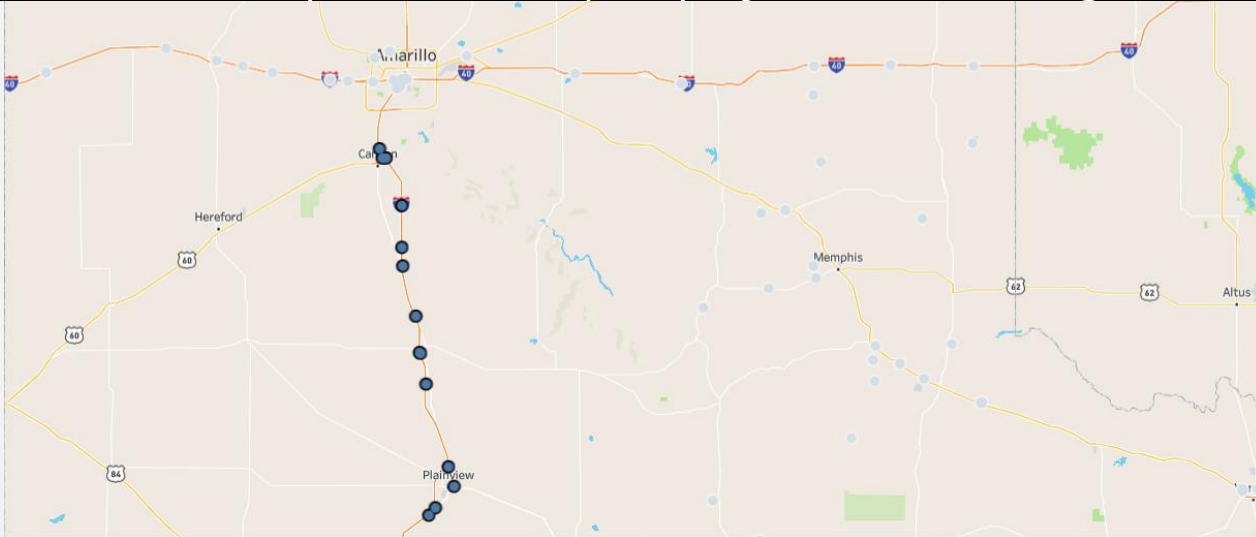
# On-System Bridge Rehabilitation and Preservation



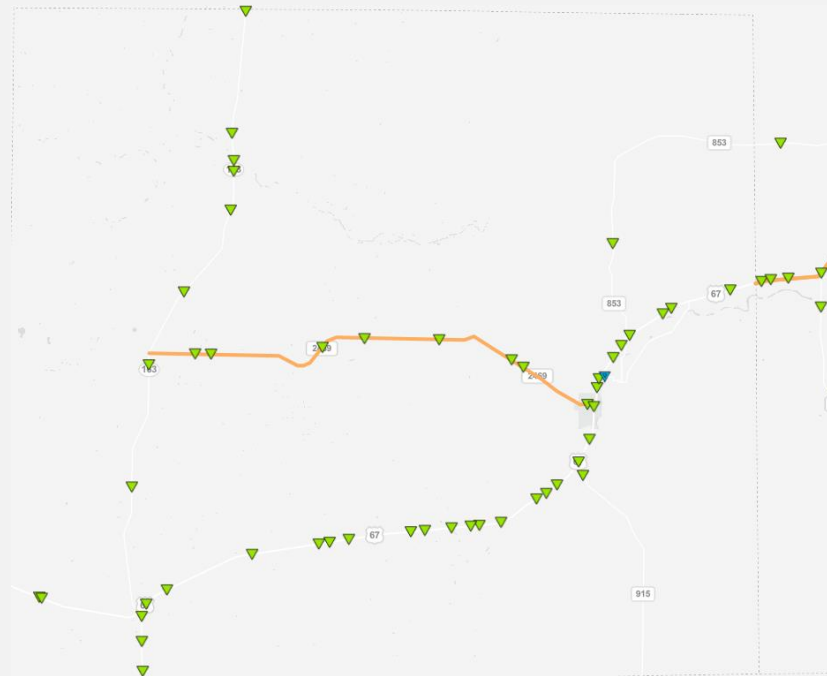
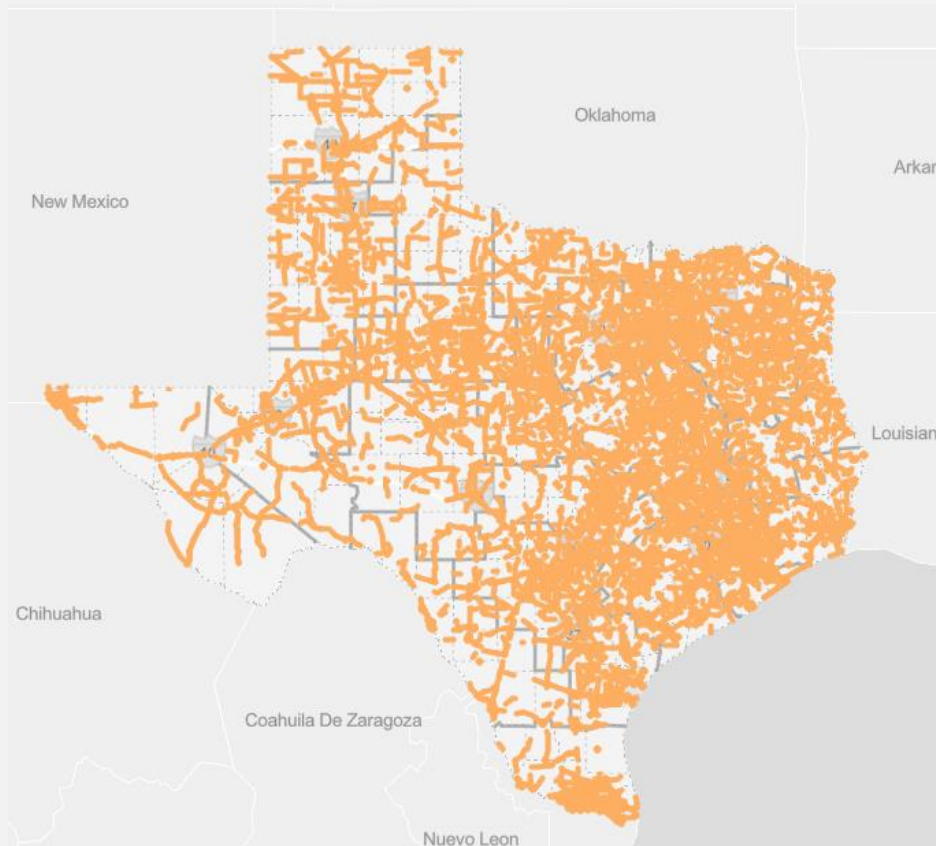
# On-System Bridge Rehabilitation and Preservation



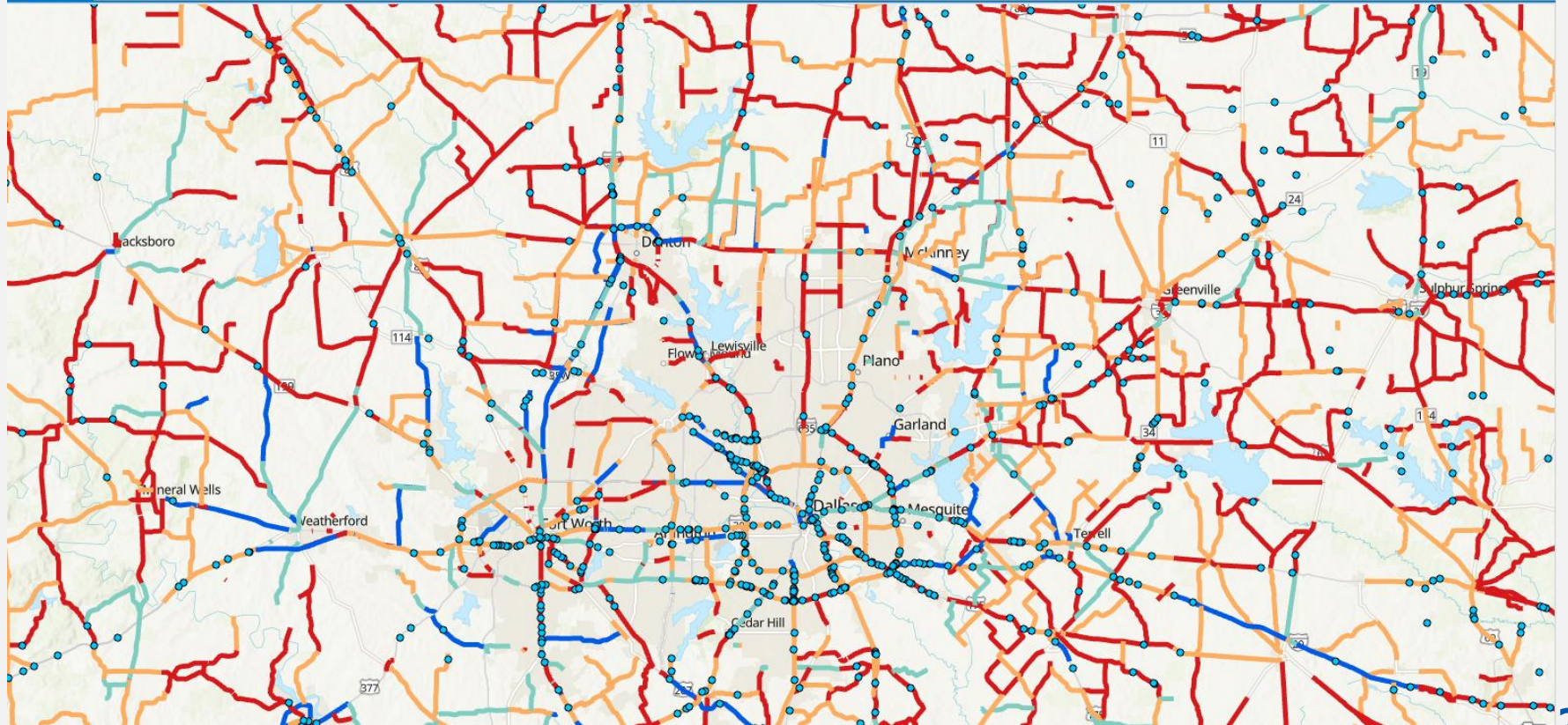
The Goal of the BrM Optimizer is to pick projects that the Engineer would pick.



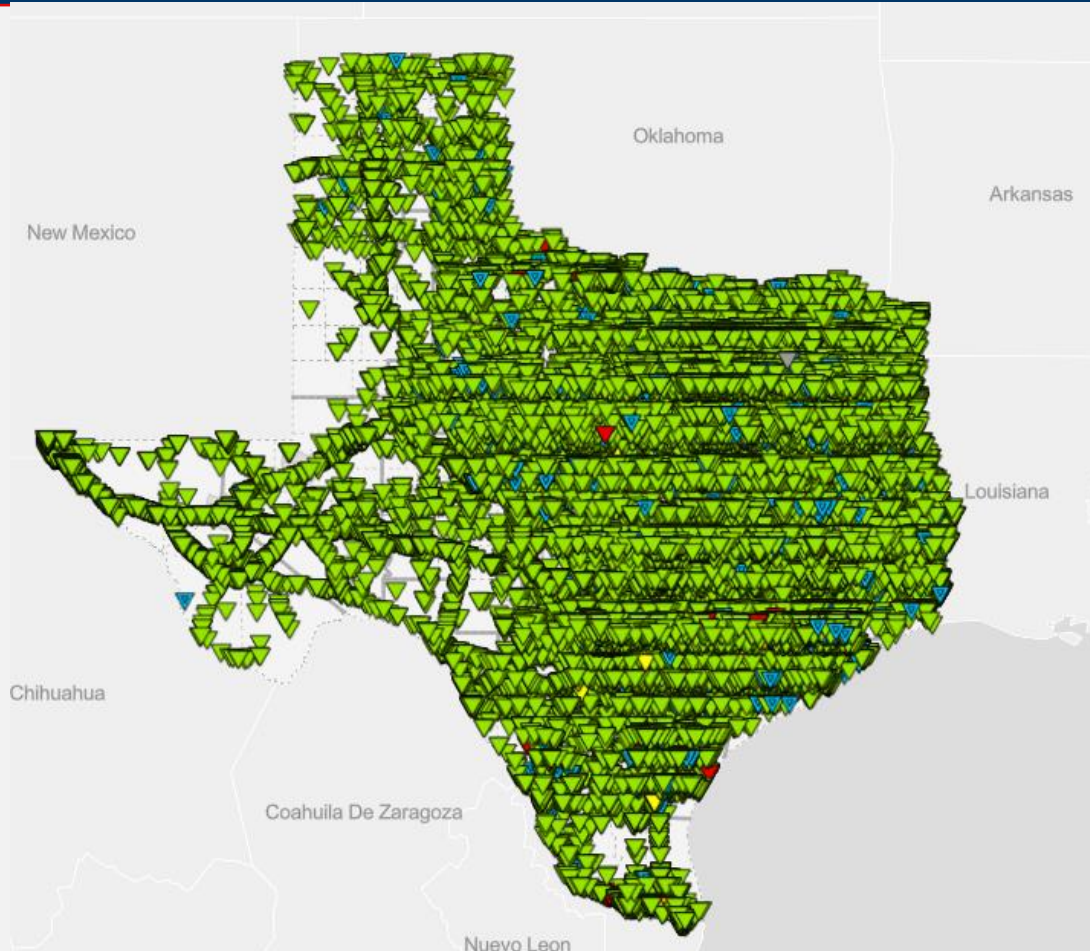
# On-System Bridges



# On-System Bridges



# TXDOT Bridges



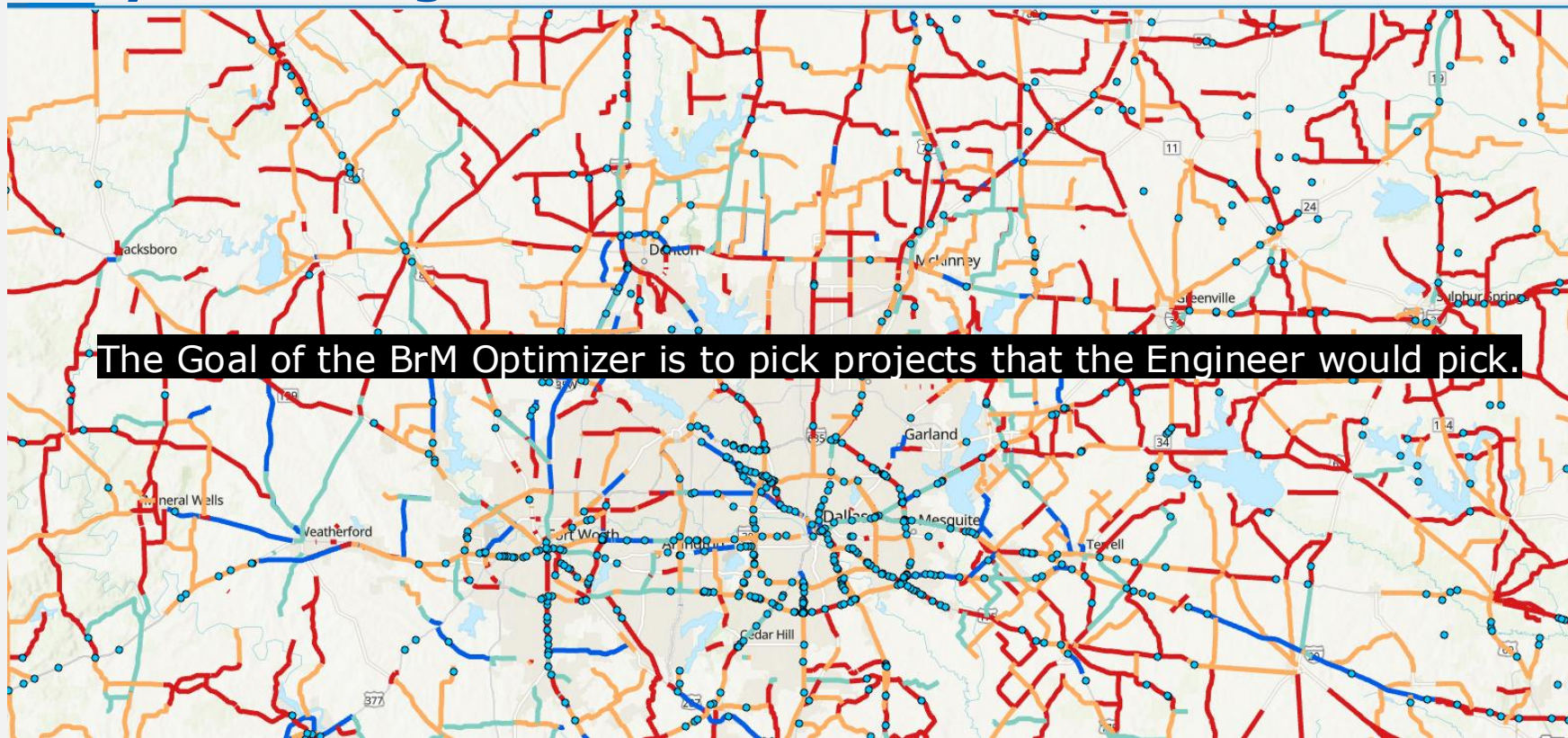


# TXDOT Bridges

- ADT
- %Truck
- NHS
- Tolls
- Place Code
- City Code
- MPO
- STRAHNET
- Hurricane Evac. Routes
- Construction Projects



# On-System Bridges



The Goal of the BrM Optimizer is to pick projects that the Engineer would pick.

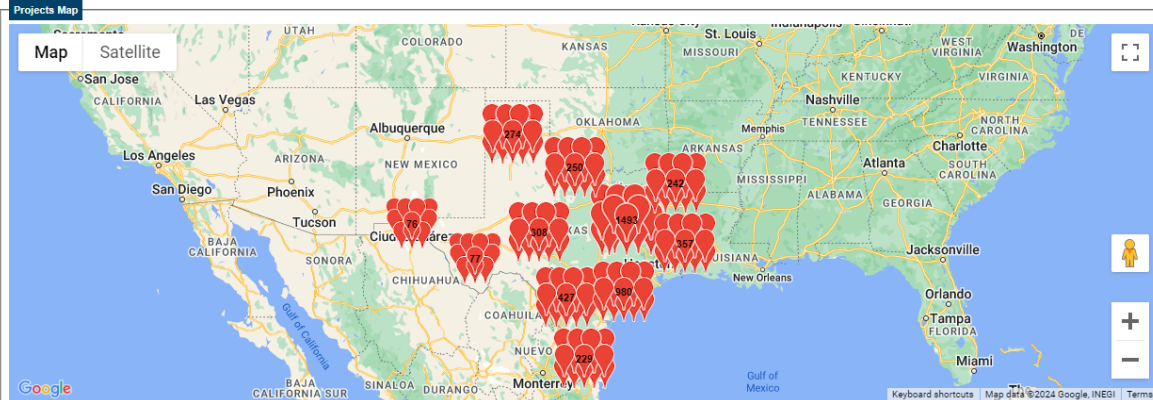
# TXDOT BrM

Programs > Program Planning

Project Name	Category	Automatic	Cost	Utility	Utility Benefit	Benefit/Cost (\$k)	Cost (\$k) / Benefit	Year ▲	Frozen	Status
181750016601068(Deck Rehabilitation, Superstructure Rehabilitation, Substructure Rehabilitation)	Rehabilitation	Yes	\$10,481,789	98	31.67	0.000003021	\$330,969.04	2028	No	Proposed
072260007796079(Superstructure Preservation, Substructure Preservation)	Preservation	Yes	\$113,886	87	7.23	0.000063595	\$15,724.26	2028	No	Proposed
180570237402095(Deck Rehabilitation, Superstructure Rehabilitation, Substructure Rehabilitation)	Rehabilitation	Yes	\$10,450,981	98	39.42	0.000003771	\$265,118.77	2028	No	Proposed
171450067503138(Deck Rehabilitation, Superstructure Rehabilitation, Substructure Rehabilitation)	Rehabilitation	Yes	\$1,158,794	98	26.48	0.000022851	\$43,761.13	2028	No	Proposed
150830149901003(Superstructure Preservation, Substructure Preservation)	Preservation	Yes	\$119,401	85	7.82	0.000065493	\$15,268.78	2028	No	Proposed
161780010201110(Deck Preservation)	Preservation	Yes	\$370,632	91	6.63	0.000017888	\$55,902.41	2028	No	Proposed
201240002806136(Superstructure Preservation)	Preservation	Yes	\$527,754	81	3.69	0.000006991	\$143,022.98	2028	No	Proposed
041880037903023(Superstructure Preservation)	Preservation	Yes	\$159,331	78	2.6	0.000016318	\$61,281.36	2028	No	Proposed
022200106802039(Deck Rehabilitation, Superstructure Rehabilitation, Substructure Rehabilitation)	Rehabilitation	Yes	\$1,445,736	97	27.23	0.000018834	\$53,093.51	2028	No	Proposed
181300019705071(Substructure Rehabilitation)	Rehabilitation	Yes	\$2,305,156	76	15.92	0.000006906	\$144,796.26	2028	No	Proposed
121020072003206(Deck Preservation, Substructure Preservation)	Preservation	Yes	\$299,175	91	13.01	0.000043486	\$22,995.85	2028	No	Proposed
170820067502171(Superstructure Preservation, Substructure Preservation)	Preservation	Yes	\$100,534	86	5.22	0.000051922	\$19,259.57	2028	No	Proposed
041710006604023(Substructure Rehabilitation)	Rehabilitation	Yes	\$490,205	77	10.65	0.000021725	\$46,028.69	2028	No	Proposed
171980004906023(Substructure Rehabilitation)	Rehabilitation	Yes	\$3,646,908	84	11.18	0.000003065	\$326,199.32	2028	No	Proposed
081150006901148(Deck Rehabilitation)	Rehabilitation	Yes	\$664,271	93	14.3	0.000021527	\$46,452.57	2028	No	Proposed

[First](#)
[Previous](#)
[1](#)
[2](#)
[3](#)
[Next](#)
[Last](#)

Items per page:



## TXDOT BrM



## TXDOT BrM

The Goal of the BrM Optimizer is to pick projects that the Engineer would pick.

Questions?