



The Infrastructure Investment and Jobs Act: Investment Opportunities

April 5, 2022

“Core Infrastructure”



Transportation



Water



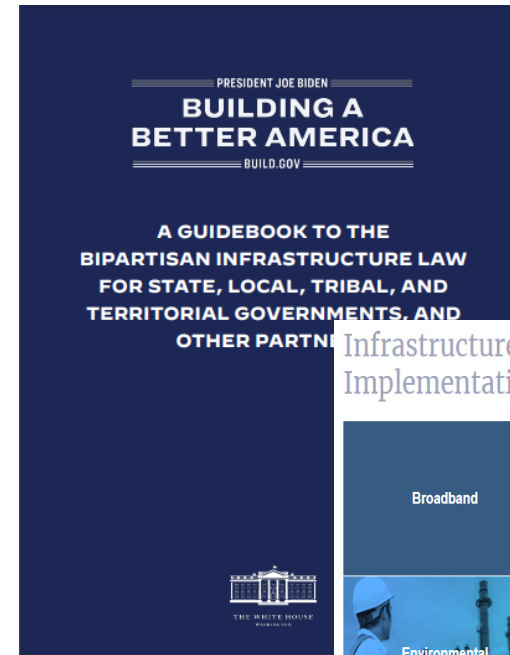
Broadband



Energy

IIJA Implementation Resources

- **White House**
 - [Infrastructure Guidebook](#)
 - [State Fact Sheets](#)
- **U.S. Dept. Of Transportation**
 - [Federal Highway Administration](#)
 - [Federal Transit Administration](#)
 - [Federal Railroad Administration](#)
 - [National Highway and Traffic Safety Administration](#)
- **U.S. Environmental Protection Agency**
 - [Water Infrastructure](#)
- **U.S. Department of Commerce**
 - [NTIA Briefing for NCSL](#)
- **U.S. Department of Energy**
- **NCSL Resources**
 - [IIJA Implementation & Key Resources](#)
 - [Explainer for States](#)



Infrastructure Investment and Jobs Act: Implementation and Key Resources

2/1/2022



President Joe Biden signed the bipartisan \$1.2 trillion Infrastructure Investment and Jobs Act into law on Nov. 15, 2021. Find a detailed summary of the major provisions impacting states. You can also watch an NCSL staff briefing for legislators and legislative staff providing a deep dive on the bill or access the slide presentation.

On Jan. 31, 2022, the White House released [A Guidebook to the Bipartisan Infrastructure Law for State, Local, Tribal, and Territorial Governments, and Other Parties](#).

FEDERAL-AID HIGHWAY PROGRAM (\$270B)

Significant increases for ALL states:

- 20%+ 2021 -> 2022
- 30%+ 2021 -> 2026

Additional State Formula Programs (\$46 billion)

- Bridges (27.5B)
- National EV Infrastructure (5B)
- PROTECT (7.3B)
- CARBON (6.4B)

Table 11

Total Federal-Aid Highway Apportionsments

(\$ in millions)

State	BIA Estimates					
	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Alabama	\$842	\$1,004	\$1,024	\$1,045	\$1,066	\$1,087
Alaska	557	664	677	691	704	719
Arizona	812	969	988	1,008	1,028	1,049
Arkansas	575	685	699	713	727	742
California	4074	4,859	4,957	5,056	5,157	5,260
Colorado	600	716	730	745	760	775
Connecticut	558	665	678	692	706	720
Delaware	188	224	228	233	238	242
District of Columbia	177	211	215	220	224	229
Florida	2103	2,508	2,558	2,610	2,662	2,715
Georgia	1433	1,709	1,744	1,779	1,814	1,850
Hawaii	188	224	228	233	238	242
Idaho	317	379	386	394	402	410
Illinois	1578	1,882	1,920	1,958	1,998	2,038
Indiana	1058	1,261	1,287	1,312	1,339	1,366
Iowa	545	651	664	677	690	704
Kansas	419	500	510	521	531	542
Kentucky	737	880	897	915	933	952
Louisiana	779	929	948	967	986	1,006
Maine	205	244	249	254	259	265
Maryland	667	796	812	828	844	861
Massachusetts	674	804	820	837	853	870
Michigan	1169	1,394	1,422	1,450	1,479	1,509
Minnesota	724	863	881	898	916	934
Mississippi	537	640	653	666	679	693
Missouri	1051	1,253	1,278	1,304	1,330	1,357
Montana	455	543	554	565	576	588
Nebraska	321	383	390	398	406	414
Nevada	403	481	490	500	510	520
New Hampshire	183	219	223	228	232	237
New Jersey	1108	1,322	1,348	1,375	1,403	1,431
New Mexico	408	486	496	506	516	526
New York	1863	2,222	2,267	2,312	2,358	2,406
North Carolina	1158	1,381	1,408	1,437	1,465	1,495
North Dakota	276	329	335	342	349	356
Ohio	1488	1,775	1,810	1,846	1,883	1,921
Oklahoma	704	840	856	874	891	909
Oregon	555	662	675	688	702	716
Pennsylvania	1821	2,172	2,216	2,260	2,305	2,351
Rhode Island	243	290	295	301	307	313
South Carolina	743	886	904	922	941	960
South Dakota	313	373	381	388	396	404
Tennessee	938	1,119	1,141	1,164	1,187	1,211
Texas	4330	5,164	5,268	5,373	5,481	5,590
Utah	385	460	469	478	488	498
Vermont	225	269	274	280	285	291
Virginia	1130	1,347	1,374	1,402	1,430	1,458
Washington	752	897	915	934	952	972
West Virginia	485	579	590	602	614	626
Wisconsin	835	996	1,016	1,036	1,057	1,078
Wyoming	284	339	346	353	360	367
Total	\$43,974	\$52,448	\$53,498	\$54,569	\$55,661	\$56,775

Source: Senate Committee on Environment and Public Works

PUBLIC TRANSIT

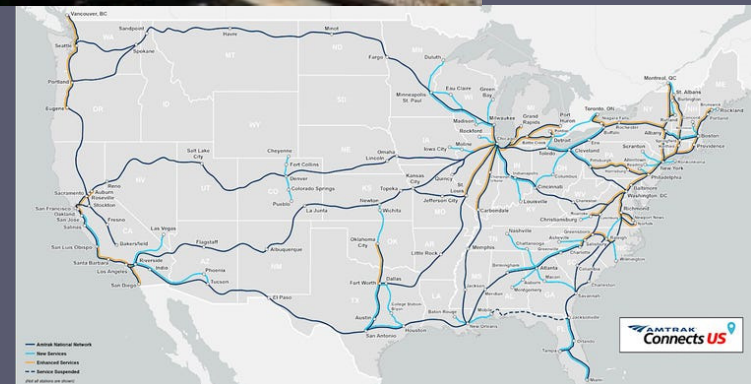
- \$91 billion in total
 - Nearly half is “new”
- Significantly more emphasis on federal-local funding stream
 - Urbanized - \$33.5 B
 - State of Good Repair - \$23.1 B
- State formula
 - Rural - \$4.5 B
 - Elderly and Disability - \$2.2
 - Bus and Bus Facilities - \$3.1

DIVISION C—TRANSIT							FY22 - 26
State Amounts Fy's 2022 - 2026							Grand Totals
State	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Alabama	69,128,733	77,467,336	79,010,584	81,077,386	82,755,211	84,862,652	405,173,169
Alaska	55,875,048	70,464,674	71,925,859	73,870,815	75,441,975	77,423,709	369,127,032
America Samoa	1,480,564	1,935,581	1,976,018	2,027,614	2,069,500	2,122,110	10,130,823
Arizona	132,277,203	168,726,159	172,382,224	176,916,665	182,594,962	188,277,321	883,837,751
Arkansas	36,747,359	48,152,160	49,274,249	50,563,795	51,610,539	52,925,422	262,626,164
California	1,417,700,550	1,803,268,791	1,841,180,788	1,890,522,212	1,930,440,759	1,980,726,543	9,446,139,933
Colorado	135,489,435	174,903,353	178,778,863	183,504,384	187,337,349	192,157,761	916,678,729
Connecticut	200,684,201	249,586,741	254,619,083	261,658,510	267,529,567	273,995,163	1,306,786,753
Delaware	33,965,838	43,212,542	44,067,183	45,220,197	46,166,235	47,331,951	226,888,078
Distrit of Columbia	199,790,563	241,385,286	247,962,402	254,897,453	260,472,116	267,533,099	1,272,260,359
Florida	390,807,581	504,374,801	514,648,943	529,258,099	539,288,205	553,155,999	2,839,720,547
Georgia	203,781,911	260,260,760	266,076,121	273,187,607	279,942,766	286,190,697	1,364,447,952
Hawaii	2,030,596	2,666,956	2,722,671	2,793,763	2,851,475	2,923,968	13,958,829
Hawaii	46,360,017	60,319,531	61,623,818	63,240,793	64,553,144	66,201,896	315,939,142
Idaho	29,110,271	37,922,874	38,678,361	39,650,105	40,511,445	41,543,093	199,345,658
Illinois	605,274,090	760,893,658	777,597,249	799,688,080	815,687,761	837,187,413	3,990,005,161
Indiana	100,114,799	130,479,936	133,019,799	136,510,414	139,343,147	142,902,219	682,259,514
Iowa	46,284,047	59,282,868	60,461,942	62,034,372	63,318,926	64,932,440	316,020,569
Kansas	39,812,513	52,136,170	53,169,648	54,905,745	55,690,034	57,109,484	272,665,821
Kentucky	56,866,706	74,689,279	76,166,667	78,159,600	79,777,459	81,809,550	390,620,885
Louisiana	69,203,264	89,661,391	91,625,868	94,037,216	96,993,173	99,451,639	489,769,287
Maine	36,877,513	46,997,251	46,931,863	48,132,990	49,155,004	50,474,996	240,778,066
Maryland	264,723,169	331,212,041	338,244,899	347,266,999	354,072,749	363,746,403	1,735,061,095
Massachusetts	390,629,919	483,051,540	493,685,024	507,005,088	517,749,403	531,342,140	2,532,863,125
Michigan	149,343,899	194,561,093	199,460,326	204,000,870	208,290,371	213,593,293	1,019,626,223
Minnesota	121,652,743	156,979,242	159,349,870	164,190,129	167,625,840	171,946,361	822,341,641
Mississippi	32,460,104	42,670,031	43,433,013	44,668,413	45,490,128	46,647,854	222,709,439
Missouri	100,038,476	129,994,295	131,966,099	134,466,535	138,302,509	141,870,701	676,160,299
Montana	31,422,981	31,422,981	32,500,599	33,581,162	33,581,162	34,433,660	164,430,405
N. Mariana Islands	1,480,993	1,935,581	1,976,018	2,027,614	2,069,500	2,122,110	9,999,134
Nebraska	28,587,516	36,837,118	37,365,846	38,343,327	39,136,961	40,133,672	191,617,134
Nevada	67,909,775	88,260,383	89,964,461	92,349,833	94,267,315	96,678,006	481,558,997
New Hampshire	18,167,369	24,568,001	24,568,001	26,233,404	26,746,169	27,447,910	131,002,333
New Jersey	635,007,869	791,816,296	809,249,684	829,899,859	847,415,865	869,480,507	4,146,862,190
New Mexico	55,205,812	71,159,834	72,581,263	74,604,419	76,062,738	78,023,161	372,330,414
New York	1,804,697,602	1,870,951,474	1,910,232,484	1,952,220,193	2,004,160,683	2,087,144,689	9,603,629,653
North Carolina	133,325,237	173,961,658	173,633,657	182,290,718	186,070,606	190,819,296	910,768,617
North Dakota	16,997,127	22,169,758	22,617,418	23,208,757	23,688,004	24,291,771	115,976,005
Ohio	190,344,455	245,645,352	250,765,917	257,407,172	262,789,266	269,559,387	1,286,087,564
Oklahoma	52,383,097	67,628,061	69,142,608	70,951,931	72,420,439	74,265,216	364,404,168
Oregon	111,675,868	142,804,324	146,167,314	150,063,632	152,103,104	157,189,420	749,442,744
Pennsylvania	428,755,169	540,285,322	552,209,617	567,145,511	579,211,562	594,430,513	2,833,282,025
Puerto Rico	67,209,921	88,814,343	88,889,593	91,631,392	92,931,168	95,319,169	454,766,345
Rhode Island	42,531,147	52,929,188	53,984,115	55,412,396	56,671,610	58,029,816	276,928,520
South Carolina	64,332,519	70,908,248	72,306,961	74,199,097	75,735,129	77,664,470	370,131,801
South Dakota	19,308,359	24,969,029	25,478,126	26,144,015	26,694,581	27,363,563	130,639,714
Tennessee	92,764,656	120,861,219	123,442,133	126,884,627	129,316,522	132,651,517	632,924,917
Texas	482,642,478	624,438,817	637,451,186	654,278,708	667,923,218	685,078,689	3,269,170,516
Utah	93,457,694	119,442,235	122,171,567	125,432,609	128,072,325	131,396,054	626,514,790
Vermont	12,124,804	16,889,990	16,213,393	16,637,170	16,981,191	17,413,301	83,136,044
Virgin Islands	2,811,951	3,651,240	3,729,939	3,827,664	3,906,823	4,006,371	19,128,160
Virginia	179,602,739	233,913,761	238,547,230	244,806,288	249,886,338	256,268,270	1,223,421,897
Washington	268,115,003	341,843,695	349,056,755	358,387,090	365,938,328	375,447,758	1,790,673,226
West Virginia	28,599,776	37,389,535	38,304,261	39,309,191	40,122,843	41,146,343	196,271,264
Wisconsin	87,240,397	113,577,590	115,369,817	119,036,361	121,504,203	124,600,445	594,718,919
Wyoming	14,743,140	19,009,034	19,389,342	19,906,221	20,317,704	20,834,550	99,466,851
Subtotal	9,687,540,287	12,249,379,713	12,531,349,996	12,866,677,380	13,137,839,796	13,479,493,448	64,284,640,242
Credit	72,798,004	91,903,306	93,874,207	95,399,254	98,438,603	101,010,816	481,824,986
Reappropriated Funds	-	-	-	-	-	-	-
Total	9,760,338,292	12,341,283,019	12,625,224,203	12,962,076,634	13,236,278,399	13,580,504,264	64,766,465,229
Discretionary / Competitive Programs							
Transit Oriented Development (Discretionary Pilot) - m	10,000,000	13,157,184	13,432,051	13,782,778	14,067,497	14,425,121	68,864,631
Passenger Ferry Boat Program	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	30,000,000	180,000,000
Pilot Program for Enhanced Mobility	3,000,000	4,603,014	4,751,218	4,833,872	4,923,624	5,048,792	24,102,320
Public Transportation on Indian Reservations Competitive	5,000,000	9,712,896	9,935,783	9,169,276	9,358,487	9,596,398	48,121,610
Transit Research	20,000,000	36,840,115	37,609,743	38,491,779	39,389,993	40,390,337	192,820,947
Technical Assistance and Workforce Development	9,000,000	11,841,465	12,049,846	12,004,600	12,060,448	12,180,558	61,791,157
Bus Testing Facilities	3,000,000	5,000,000	5,104,456	5,237,739	5,345,939	5,481,842	26,169,974
National Transit Database	4,000,000	6,262,874	6,372,820	6,513,111	6,626,999	6,770,048	27,645,652
Bus and Bus Facilities Competitive Grants	344,244,179	447,247,433	456,601,111	468,523,511	476,202,088	490,358,916	2,340,943,259
Rural Recruitment Program Competitive Grants	300,000,000	300,000,000	300,000,000	300,000,000	300,000,000	300,000,000	1,800,000,000
Administrative Expenses	131,000,000	134,930,000	138,979,000	139,977,000	147,441,654	154,466,791	699,496,791
Total	428,644,179	693,716,981	1,008,776,987	1,027,024,966	1,042,721,811	1,061,486,716	6,183,784,871



AMTRAK AND RAIL

- **\$66 billion total**
 - **\$22 billion for Amtrak**
 - \$16 billion for national network
 - \$6 billion for NEC
 - **\$36 billion for State-Federal Partnership Grants by FRA**
 - Competitive (state, local, even Amtrak itself)
 - 45% NN and 45% NEC
 - **\$5 billion for CRISI**
 - Corridor Development Program





AVIATION and PORTS

AIRPORTS

- \$25 billion total
 - \$15 billion for airside infrastructure
 - 2022 grants (\$2.9B)
 - 3.2 billion FY 2021 appropriations
 - \$5 billion for airport terminals
 - \$5 billion for FAA facilities

PORTS

- \$6 billion total
 - \$2.25 billion USDOT “water” ports
 - \$3.85 billion for “land” ports

DRINKING WATER (DW) AND CLEAN WATER (CW) STATE REVOLVING FUNDS (SRF):

- \$11.7 billion each
 - Compared to \$1.2 billion and \$1.6 billion, respectively, in FY 2021
- 49% as forgivable loans/grants

\$15 BILLION FOR LEAD SERVICE LINE REPLACEMENT:

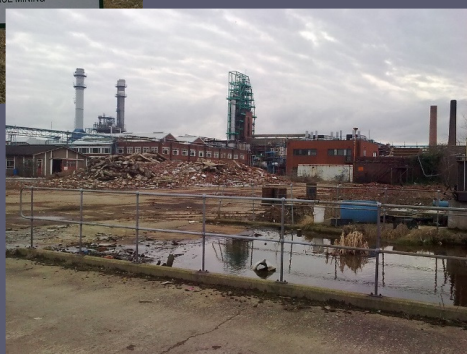
- Via the DWSRF
- 49% as forgivable loans/grants

\$10 BILLION FOR PFAS AND OTHER CONTAMINANTS:

- \$1 billion through CWSRF/100% grants
- \$4 billion through DWSRF/100% grants
- \$5 billion directly through states for underserved communities



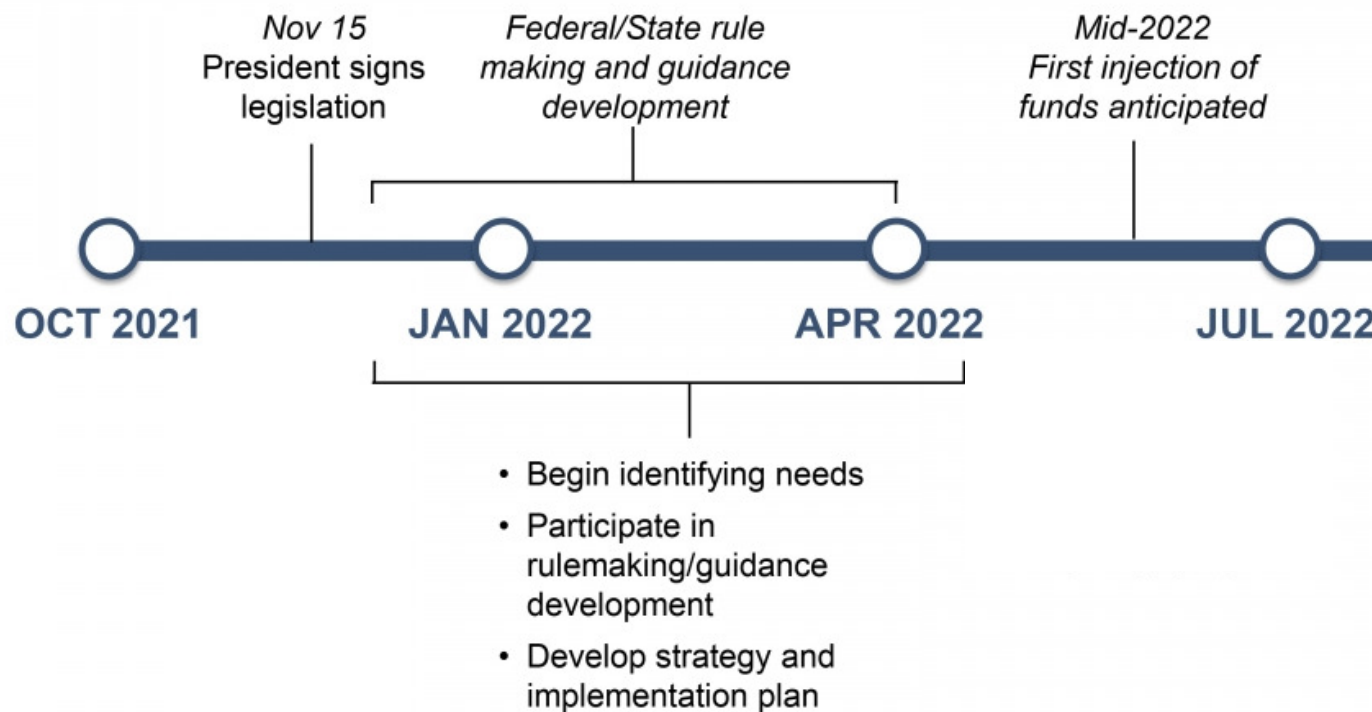
WATER - \$55 BILLION



Environmental Remediation - \$21 Billion

- **Superfund**
 - \$3.5 billion for remedial activities
- **Brownfields**
 - \$1.5 billion via STAG to assess, cleanup and reuse.
- **Abandoned Mine Lands**
 - \$11.2 billion for the Abandoned Mine Land Reclamation Fund and extends payments through 2036.
- **Orphaned Oil and Gas Wells**
 - \$4.7 billion to plug, remediate, and reclaim orphaned oil and gas wells on federal, state and tribal lands.
- \$8.3 billion for Western Water Infrastructure
 - Water storage, recycling and reuse, waterSMART, drought contingency plans

Estimated Timing?



Source: Hazen and Sawyer
(<https://www.hazenandsawyer.com/>)



BROADBAND - \$65 BILLION

BROADBAND EQUITY, ACCESS, AND DEPLOYMENT PROGRAM

- \$42.5 billion
 - \$100 million per state minimum
- Large amount of coordination w/local governments
- Areas to prioritize
 - Unserved and Underserved
- 25% state match
- New FCC broadband maps

Affordable connectivity program (formerly EBB)

- Monthly subsidy for low income families
- \$14.2 billion



ENERGY

- **Electric Transmission Preemption**
- **State Energy Program - \$500 million (total)**
- **Electric Grid Resiliency**
 - \$500 million per year
- **Weatherization – \$3.5 billion**
- **LIHEAP - \$500 million**

-
- **Research and Supply Chains (totals)**
 - Batteries - \$6 billion
 - Carbon Capture - \$6 billion
 - Hydrogen - \$8 billion
 - Advanced nuclear - \$3 billion
 - Existing Nuclear - \$6 billion



TAKEAWAYS:

- Authorization vs. Appropriation
- Transportation and Existing Funding BIG Winners
- More competitive programs
- More Formula Dollars!
- Broadband BIGGEST % WINNER
 - Finally, some Cyber Assistance
- No Unfunded Mandates (CBO)
- Matching Still Required

Discussion

- Legislative Approval?



Hearings with State Agencies?

- Other IIJA Specific Actions

American Rescue Plan vs. Infrastructure Investment and Jobs Act



- Bipartisan Infrastructure Law
- Lump Sum(s) vs. Individual Project(s)
- Existing Programs have existing processes
 - Can't fence off
 - Legislative and Executive roles can be updated 😊

1. Review Guidebook
2. Develop priorities/project scoring rubric for executive branch agency
 - a) State DOT
 - b) Environmental Protection and Health
3. Provide TA to Localities?
4. Work with local leaders and regional organizations
5. Reach out to congressional delegation
 - a) Earmarks are back
6. Use NCSL staff to connect with federal officials – intergovernmental offices



Next Steps for State Legislatures



A Statewide Grants Office?

To Infinity, and Beyond!

- Ensure state's policy goals are understood by state agency personnel
- Creates a pool of experts across state agencies
- Offers legislative staff (state and congressional) a place to direct constituents seeking advice on where to look for funding.
- Helpful when auditors ask compliance questions related to federal grants. Compliance rules are complicated!
- Provide local governments and nonprofits a single source to identify grant opportunities from all funding sources, and to receive technical assistance.

QUESTIONS?

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