

Federal Funds Purchase Program
NDOR Policy on Calculating Pool Amounts and LPA's Share
November 2, 2015



Included below you will find NDOR's policy for calculating pool fund amounts and each LPA's share of state cash funds in accordance with the Federal Funds Purchase Program (FFPP) agreements.

In the following text, the 0.90 figure in the equations is the discount rate per the September 15, 2015 memo which indicated the increase in the purchase rate from 80 percent to 90 percent. Although the formulas will remain constant, this policy will be updated with the current apportionment values on or about May 1st or as soon as they become available.

STP Funds

<5,001 STP Category

The pool amount is to be calculated as follows:

$$\text{Apportionment} \times \text{Obligation Limit Percentage} \times 0.90$$

The apportionment for the less than 5,001 population group was estimated at \$11,265,681.00 million. Using that number and assuming an OA limit of 94.3%, the pool estimate is

$$\$11,265,681.00 \text{ million} \times 0.943 \times 0.90 = \mathbf{\$9,561,183.00 \text{ million}}$$

The state funds are to be allocated to each LPA per the agreement, based on number of rural residents, number of rural motor vehicles registered and number of centerline miles of classified rural roads. Rural is defined as any area outside of a city with a population greater than 5,000. Please refer to Exhibit A for complete allocation list.

5,001 – 200,000 STP Category

The pool amount is to be calculated as follows:

$$\text{Apportionment} \times \text{Obligation Limit Percentage} \times 0.90$$

Assuming an apportionment for the 5,001 – 200,000 population group of \$7,385,487.00 million, and an OA limit of 94.3%, the calculation of the pool is

$$\$7,385,487.00 \text{ million} \times 0.943 \times 0.90 = \mathbf{\$6,268,063.00 \text{ million}}$$

For future years the state funds are to be allocated to each LPA per the agreement, based on the proportion of that City's total population to the population of all participating cities of the First Class in Nebraska.

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Bridge Funds

The basis is 10% of Annual Obligation Authority (AOA) (not including August redistribution) NDOR receives from FHWA. In the discussion below:

- SD refers to Structurally Deficient or Functionally Obsolete Deck Area.
- SD-S and SD-L refers to state and local, respectively, SD.
- QA refers to NDOR's National Bridge Inspection Standards (NBIS) quality assurance requirements for local bridges; in the example calculation \$500,000 is assumed for this activity.
- BI refers to bridge inspections (fracture critical (FC) or underwater (UW)) that NDOR coordinates on behalf of the locals, and which uses BR money.
- BRO refers to the off-system bridges requirement under MAP-21; the example assumes \$3.77 million.

The ratio SDL/ (SDS +SDL) is to be calculated annually based on information provided by Bridge Division.

NDOR will allocate \$2.0 million in FY-2015 for the local major bridges program (MBP) and \$2.5 million of Federal Funds in FY-2016 and FY2017 for use on the selected bridges in Omaha.

The pool amount was calculated as follows:

	FFY15
AOA Annual Obligation Authority	\$258,416,081.00
10% for Bridges	\$25,841,608.10
60% Local Share	\$15,504,964.86
Less STP BRO Off System	(\$3,777,257.00)
Less Fracture Critical Bridge Inspection	(\$900,000.00)
Less UW BI	(\$0.00)
Less Quality Assurance	(\$400,000.00)
Less Fed Funds MBP	\$0
Sub Total Available for Purchase	\$10,427,707.86
%90 Buy Out Ratio	\$9,384,937.00
Less Major On System Bridges Reserve	(\$2,000,000.00)
Bridge Buy Out Payment	\$7,384,937.00

The state funds are to be allocated to each LPA per the agreement, based on the proportion of each LPA's square feet of bridge deck area of deficient bridges by the total number of square feet of bridge deck area of deficient bridges of all participating LPA's in this category.

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Controller Division will calculate the actual numbers for each category, based on Federal funds actually received from FHWA and the most up-to-date numbers (OA limit percentage, centerline miles, bridge inspections, QA, etc.) shortly before distribution to LPA's associated with each fund. Please refer to Exhibit A for complete estimated allocation list.

A handwritten signature in black ink, appearing to read "KS", is written above a horizontal line.

Kyle Schneweis, P.E. - Director
Nebraska Department of Roads

FEDERAL FUND PURCHASE PROGRAM AT 90%

COUNTY	FEDERAL FY-15 STP	FEDERAL FY-15 BRIDGE
ADAMS	107,348	107,904
ANTELOPE	134,790	90,509
ARTHUR	17,998	-
BANNER	30,584	-
BLAINE	15,743	16,424
BOONE	98,444	51,495
BOX BUTTE	79,454	-
BOYD	50,386	32,092
BROWN	54,724	31,832
BUFFALO	195,561	122,699
BURT	92,524	40,040
BUTLER	121,577	34,256
CASS	179,816	133,267
CEDAR	128,215	131,781
CHASE	77,269	8,139
CHERRY	124,273	43,990
CHEYENNE	104,041	9,517
CLAY	105,418	51,863
COLFAX	74,792	82,352
CUMING	121,171	143,197
CUSTER	209,708	136,803
DAKOTA	68,598	38,940
DAWES	67,133	31,051
DAWSON	175,621	69,758
DEUEL	47,018	-
DIXON	83,209	73,279
DODGE	126,548	47,208
DOUGLAS	632,725	35,380
DUNDY	53,600	2,464
FILLMORE	108,706	61,589
FRANKLIN	72,978	16,981
FRONTIER	74,273	46,894
FURNAS	96,763	78,832
GAGE	159,718	143,644
GARDEN	56,195	44,606
GARFIELD	30,675	5,855
GOSPER	51,540	50,076
GRANT	16,191	-
GREELEY	52,672	77,025
HALL	121,630	43,690
HAMILTON	123,917	69,590
HARLAN	73,441	34,765
HAYES	44,287	35,116
HITCHCOCK	64,360	45,366
HOLT	215,033	92,601
HOOKER	14,982	-
HOWARD	94,361	39,537
JEFFERSON	110,776	154,575
JOHNSON	70,703	109,178
KEARNEY	99,480	13,211

FEDERAL FUND PURCHASE PROGRAM AT 90%

COUNTY	FEDERAL FY-15 STP	FEDERAL FY-15 BRIDGE
KEITH	107,855	6,111
KEYA PAHA	37,742	8,775
KIMBALL	75,808	6,184
KNOX	143,926	121,242
LANCASTER	272,538	77,599
LINCOLN	182,994	124,052
LOGAN	19,033	-
LOUP	20,184	11,868
MADISON	132,483	118,726
MCPHERSON	20,139	-
MERRICK	106,167	102,817
MORRILL	81,768	3,445
NANCE	62,237	66,268
NEMAHA	87,440	153,974
NUCKOLLS	90,611	87,930
OTOE	120,326	293,884
PAWNEE	60,757	139,196
PERKINS	92,042	-
PHELPS	85,160	29,407
PIERCE	111,554	98,545
PLATTE	141,011	93,888
POLK	83,558	36,437
RED WILLOW	74,537	18,718
RICHARDSON	107,603	187,725
ROCK	42,723	21,043
SALINE	113,546	185,782
SARPY	485,458	131,066
SAUNDERS	220,823	416,113
SCOTTS BLUFF	144,961	177,616
SEWARD	128,860	106,143
SHERIDAN	104,005	8,233
SHERMAN	65,624	22,066
SIOUX	52,569	10,957
STANTON	81,754	90,797
THAYER	98,763	113,778
THOMAS	17,704	2,654
THURSTON	76,180	122,451
VALLEY	71,728	30,464
WASHINGTON	118,569	42,167
WAYNE	75,826	139,375
WEBSTER	79,474	69,241
WHEELER	27,251	6,894
YORK	106,922	113,655
TOTAL	\$9,561,183	\$6,326,651

FEDERAL FUND PURCHASE PROGRAM AT 90%		
CITIES	FEDERAL FY-15 STP	FEDERAL FY-15 BRIDGE
ALLIANCE	151,682	-
BEATRICE	222,566	-
BELLEVUE	-	10,555
BLAIR	142,732	-
CHADRON	104,522	-
COLUMBUS	394,987	905
CRETE	124,332	15,957
FREMONT	471,552	90,225
GERING	151,843	-
GRAND ISLAND	866,753	24,773
HASTINGS	444,935	32,187
HOLDREGE	98,162	-
KEARNEY	549,974	10,993
LA VISTA	-	-
LEXINGTON	182,747	-
LINCOLN	-	142,010
MCCOOK	137,516	-
NEBRASKA CITY	130,210	62,519
NORFOLK	432,483	16,648
NORTH PLATTE	441,826	7,807
OMAHA	-	624,699
PAPILLION	-	9,031
PLATTSMOUTH	116,150	-
RALSTON	-	-
SCHUYLER	110,952	-
SCOTTSBLUFF	268,654	-
SEWARD	124,404	-
SIDNEY	120,706	5,573
SOUTH SIOUX CITY	238,535	-
WAYNE	101,110	-
YORK	138,730	4,404
TOTAL	\$6,268,063	\$1,058,286