

BRIAN SANDOVAL Governor ROBERT R BARENGO Chair, Nevada Tax Commission CHRISTOPHER G. NIELSEN Executive Director

# STATE OF NEVADA DEPARTMENT OF TAXATION

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ln	the	Mat	tter	of:				
Αp	pro	val	of	2013	-2014	Stat	ewide	
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#### **NOTICE OF DECISION**

#### **Appearances**

Bruce Bartolowits, Supervisor Locally Assessed Properties, appeared on behalf of the Department of Taxation.

#### Summary

The matter of the approval of the 2013-2014 Improvement Factor came before the Nevada Tax Commission (Commission) for hearing in Carson City and via video conference to Las Vegas, Nevada, on June 25, 2012 after due notice to each Assessor. The Commission reviewed the Improvement Factor Report of the Department. The Department discussed how the factor was derived. The proposed factor is a statewide factor, without reference to regions. The factor reflects the change in cost in the Marshall and Swift manual from January 1, 2011 to January 1, 2012. Pursuant to NRS 361.261, each county assessor notified the Tax Commission that he or she approved the proposed Improvement Factor.

#### **DECISION**

The Commission, having considered all evidence and testimony pertaining to the matter, hereby approves the 2013-2014 Improvement Factor at 1.03 as reported by the Department.

BY THE NEVADA TAX COMMISSION THIS 23" DAY OF JULY, 2012.

Christopher G. Nielsen, Interim, Executive Director

cc: County Assessors

Gina Session, Chief Deputy Attorney General



#### NEVADA DEPARTMENT OF TAXATION

Division of Local Government Services

# 2013-2014 IMPROVEMENT FACTOR REPORT

# 2013-2014

# Improvement Factor Report

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### CONTENTS

#### 2013-14 IMPROVEMENT FACTOR REPORT

IMPROVEMENT FACTOR REPORT	I
2013-2014 ADOPTED IMPROVEMENT FACTOR	1
REGION IMPROVEMENT FACTOR COMPUTATION	2
STATEWIDE IMPROVEMENT FACTOR COMPUTATION	
FACTOR AREA TAX ROLL ALLOCATION	11
HISTORICAL FACTOR COMPUTATION BY REGION	13
NOTIFICATIONS FROM ASSESSORS	APPENDIX I
CARSON CITY	A-1
CHURCHILL COUNTY	A-2
CLARK COUNTY	A-3
DOUGLAS COUNTY	<b>A</b> -4
ELKO COUNTY	<b>A</b> -5
ESMERALDA COUNTY	A-6
EUREKA COUNTY	<b>A</b> -7
HUMBOLDT COUNTY	A-8
LANDER COUNTY	<b>A</b> -9
LINCOLN COUNTY	A-10
LYON COUNTY	A-11
MINERAL COUNTY	A-12
NYE COUNTY	A-13
PERSHING COUNTY	A-14
STOREY COUNTY	A-15
WASHOE COUNTY	A-16
WHITE PINE COUNTY	A-17

#### REPORT

#### 2013-14 IMPROVEMENT FACTOR

NRS 361.260(5) provides that assessors may either apply a factor to improvements in non-reappraisal areas or they have the option of determining the replacement cost and subtracting all applicable depreciation and obsolescence for improvements in non-reappraisal areas. The Department calculates the improvement factor based on the change in costs reported by the Marshall and Swift Costing Service from the previous year.

NRS 361.261 requires the Department to propose any improvement factors on or before February 1 of each year. Then, on or before May 15<sup>th</sup> of the same year, each county assessor shall notify the Tax Commission that he either approves or objects to the proposed factors that are applicable to the county he represents. If any county assessor objects, the Tax Commission shall hold a hearing on the proposed factors and make every effort to reconcile the objections. None of the county assessors have objected to the improvement factor for 2013-2014.

Legislative history and the minutes of Tax Commission meetings since 1981 indicate the purpose of the factor is to keep properties not reappraised at a similar level of assessment with properties that are reappraised. Typically, reappraised properties reflect the inflationary trends affecting new construction. However, the county assessors are only required to reappraise once every five years. If an improvement factor is not applied to non-reappraised properties during the interim between reappraisals, over time there is the potential of a large upward spike in assessed value in order to catch up with the inflationary trends of the previous four years. The improvement factor provides a means to ensure a stable property tax environment, and avoids unanticipated valuation increases.

The Department annually conducts a comprehensive study of the Marshall & Swift cost manual, by region, to determine the increases or decreases in typical building costs.

For the 2013-2014 tax cycle, the Department recommends that a statewide factor of 1.03 be applied to non-reappraised improvements. This is a statewide average supported by the source listed above. The factor represents building cost trends but does not include all applicable depreciation and obsolescence, which must be calculated at the local level. The factor is contained within the range of reasonable representations of cost changes. A statewide factor displays less volatility than regional factors while still maintaining values between the mandated range of 32% to 36% required by NRS 361.333 and improving uniformity among jurisdictions.

# STUDY OF MARSHALL-SWIFT COSTING SERVICE COST MANUAL

Tracking changes in costs reported by the Marshall and Swift Costing Service is important because, pursuant to NAC 361.128 (2)(b), county assessors are required to use:

The standards in the cost manuals, including modifiers of local costs, published through or furnished by the Marshall and Swift Publication Company, as they existed on January 1 of the year preceding the current assessment year, if the executive director approves it for use by county assessors in determining the costs of improvements.

The study of the Marshall-Swift Costing Service has been conducted by the Department annually for the last twenty-five years. The steps include an analysis of the rate of change of regional factors for each class of construction, including 5 types of commercial construction and 2 types of residential construction. The local cost modifiers are also studied to determine the rate of change, from January 1st of 2011 to January 1st of 2012, for each building type and applied to the regional change.

The resulting forty-nine factors are mathematically accurate, but unwieldy for assessors to apply, because it would require an individual analysis and data entry on each property to see which of the forty-nine factors is the most appropriate. To simplify the process, the Department weights the factors on the basis of the type of construction observed statewide. This reduces the number of factors to five for commercial and two for residential. A second weighting is applied, based on the relative total assessed value of commercial to residential properties reported in the Statistical Analysis of the Roll. This results in an overall weighted factor for commercial properties and an overall weighted factor for residential properties. These two are added to produce an improvement factor by region. The average of all the regions except Las Vegas produces a weighted statewide factor. The Summary Table on page 1 shows the regional weighted average factors, as well as the weighted statewide factor of 1.03.

These factors are produced based on data from January 1, 2011 to January 1, 2012 and applied to improvements for a lien date in July, 2013. The period in time is required to compile data, process it, get it approved by the Tax Commission, and then disseminated to assessors for assessments prepared in advance of the July 1, 2013 lien date.

#### CONCLUSIONS AND RECOMMENDATIONS

Regional factors based on the study of Marshall-Swift Costing Service Cost Manual are accurate and provide equalized values. However, the acceptable range of resulting ratios has a greater spread between regions. Statewide factors, barring unusual local conditions, not only provide equalized values, but also tighter uniformity among regions. Given the results of the various sources of information, the Department recommends a statewide factor of 1.03%.

#### NEVADA DEPARTMENT OF TAXATION 2012 IMPROVEMENT FACTOR STUDY 2013-2014 PROPOSED IMPROVEMENT FACTORS

#### COMPUTED FROM THE MARSHALL SWIFT RESIDENTIAL & COMMERCIAL MANUALS

FACTOR AREA	ROUNDED FACTOR	RAW FACTOR	WEIGHT	FACTOR SHARE
CARSON CITY	1.03	1.028	14.6%	0.1500
ELKO	1.06	1.063	6.4%	0.0680
FALLON	1.03	1.027	8.3%	0.0851
LINCOLN COUNTY	1.02	1.023	0.5%	0.0049
NYE COUNTY	1.03	1.027	2.9%	0.0299
RENO - SPARKS	1.03	1.027	59.8%	0.6144
LAKE TAHOE	1.04	1.036	7.5%	0.0780
STATEWIDE	1.03	1.031	100.0%	1.0302
LAS VEGAS	1.02	1.022	N/A	N/A

#### CARSON CITY IMPROVEMENT FACTOR COMPUTATION

	LOCAL	LOCAL	PRICE RELATIVE	COMPARATIVE	CONSTRUCTION	PERCENTAGE OF	WEIGHTED		WEIGHTED	
CONSTRUCTION	MULTIPLIER	MULTIPLIER	(01/12) / (01/11)	COST MULTIPLIER	TYPE FACTOR	CONSTRUCTION	FACTOR	PERCENTAGE OF	FACTOR	
TYPE	01/11 *	01/12 *	(C / B)	01/12>01/11 **	(D * E)	TYPE ***	(F * G)	TAX ROLL ****	(I * J)	
COMMERCIAL										
А	1.10	1.10	1.0000	1.038	1.0380	0.040	0.0415			
В	1.06	1.06	1.0000	1.034	1.0340	0.040	0.0414			
С	1.06	1.06	1.0000	1.028	1.0280	0.500	0.5140			
D	1.06	1.07	1.0094	1.024	1.0337	0.250	0.2584			
S	1.09	1.10	1.0092	1.036	1.0455	0.170	0.1777			
ALL COMMERCIAL						1.000	1.0330	0.3412	0.3525	
RESIDENTIAL										
FRAME	1.07	1.07	1.0000	1.027	1.0270	0.800	0.8216			
MASONRY	1.07	1.05	0.9813	1.037	1.0176	0.200	0.2035			
ALL RESIDENTIAL						1.000	1.0251	0.6588	0.6753	
	MENT FACTOR	1.0000	1.0278							

PROPOSED CARSON CITY IMPROVEMENT FACTOR

WEIGHTED AVERAGE STATEWIDE IMPROVEMENT FACTOR

1.0300

1.0300

<sup>\*</sup> MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 99 PAGE 8 & 9 MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-7

<sup>\*\*</sup> MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 98 PAGE 5 & 6
MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-12

<sup>\*\*\*</sup> BASED ON ESTIMATES SUPPLIED BY COUNTY ASSESSOR

<sup>\*\*\*\* 2011-12</sup> STATISTICAL ANALYSIS OF THE TAX ROLL

#### ELKO IMPROVEMENT FACTOR COMPUTATION

	LOCAL	LOCAL	PRICE RELATIVE	COMPARATIVE	CONSTRUCTION	PERCENTAGE OF	WEIGHTED	-	WEIGHTED		
CONSTRUCTION	MULTIPLIER	MULTIPLIER	(01/12) / (01/11)	COST MULTIPLIER	TYPE FACTOR	CONSTRUCTION	FACTOR	PERCENTAGE OF	FACTOR		
TYPE	01/11 *	01/12*	(C / B)	01/12>01/11 **	(D * E)	TYPE ***	(F * G)	TAX ROLL ****	(I * J)		
COMMERCIAL											
Α	1.07	1.10	1.0280	1.038	1.0671	0.040	0.0427				
В	1.07	1.11	1.0374	1.034	1.0727	0.040	0.0429	]			
С	1.06	1.10	1.0377	1.028	1.0668	0.500	0.5334				
D	D 1.01 1.06 1.0495 1.024 1.0747 0.250 0.268										
S	S 1.06 1.09 1.0283 1.036 1.0653 0.170 0.1811										
ALL COMMERCIAL	0.4379	0.4680									
DECIDENTIAL											
RESIDENTIAL FRAME	1.01	1.04	1.0297	1.027	1.0575	0.800	0.8460				
MASONRY	1.05	1.08	1.0286	1.037	1.0666	0.200	0.2133				
ALL RESIDENTIAL						1.000	1.0593	0.5621	0.5955		
ELKO COMPOSITE IMPROVEMENT FACTOR 1.0											
PROPOSED ELKO IMPROVEMENT FACTOR									1.0600		

WEIGHTED AVERAGE STATEWIDE IMPROVEMENT FACTOR

1.0300

- \* MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 99 PAGE 8 & 9
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-7
- \*\* MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 98 PAGE 5 & 6
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-12
- \*\*\* BASED ON ESTIMATES SUPPLIED BY COUNTY ASSESSOR
- \*\*\*\* 2011-12 STATISTICAL ANALYSIS OF THE TAX ROLL

#### FALLON IMPROVEMENT FACTOR COMPUTATION

	LOCAL	LOCAL	PRICE RELATIVE	COMPARATIVE	CONSTRUCTION	PERCENTAGE OF	WEIGHTED	-	WEIGHTED		
CONSTRUCTION	MULTIPLIER	MULTIPLIER	(01/12) / (01/11)	COST MULTIPLIER	TYPE FACTOR	CONSTRUCTION	FACTOR	PERCENTAGE OF	FACTOR		
TYPE	01/11 *	01/12 *	(C / B)	01/12>01/11 **	(D * E)	TYPE ***	(F * G)	TAX ROLL ****	(I * J)		
COMMERCIAL											
А	1.02	1.02	1.0000	1.038	1.0380	0.040	0.0415				
В	0.99	0.99	1.0000	1.034	1.0340	0.040	0.0414				
С	1.01	1.01	1.0000	1.028	1.0280	0.500	0.5140				
D	1.00	1.01	1.0100	1.024	1.0342	0.250	0.2586				
S	S 1.02 1.02 1.000 1.036 1.036 0.170 0.1761										
ALL COMMERCIAL 1.000 1.0316 0.2866											
RESIDENTIAL			,		,						
FRAME	1.01	1.01	1.0000	1.027	1.0270	0.800	0.8216				
MASONRY	1.02	1.00	0.9804	1.037	1.0167	0.200	0.2033				
ALL RESIDENTIAL 1.000 1.0249 0.7134											
					FALLON CC	MPOSITE IMPROVE	EMENT FACTOR	1.0000	1.0268		
PROPOSED FALLON IMPROVEMENT FACTOR											

WEIGHTED AVERAGE STATEWIDE IMPROVEMENT FACTOR

1.0300

\* MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 99 PAGE 8 & 9

MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-7

\*\* MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 98 PAGE 5 & 6

MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-12

\*\*\* BASED ON ESTIMATES SUPPLIED BY COUNTY ASSESSOR

\*\*\*\* 2011-12 STATISTICAL ANALYSIS OF THE TAX ROLL

#### LAS VEGAS IMPROVEMENT FACTOR COMPUTATION

	LOCAL	LOCAL	PRICE RELATIVE	COMPARATIVE	CONSTRUCTION	PERCENTAGE OF	WEIGHTED	- [	WEIGHTED	
CONSTRUCTION	MULTIPLIER	MULTIPLIER	(01/12) / (01/11)	COST MULTIPLIER	TYPE FACTOR	CONSTRUCTION	FACTOR	PERCENTAGE OF	FACTOR	
TYPE	01/11 *	01/12*	(C / B)	01/12>01/11 **	(D * E)	TYPE ***	(F * G)	TAX ROLL ****	(I * J)	
COMMERCIAL										
A	1.13	1.13	1.0000	1.038	1.0380	0.040	0.0415			
В	1.12	1.11	0.9911	1.034	1.0248	0.040	0.0410			
С	1.14	1.14	1.0000	1.028	1.0280	0.500	0.5140			
D	1.14	1.15	1.0088	1.024	1.0330	0.250	0.2582			
S	1.13	1.13	1.0000	1.036	1.0360	0.170	0.1761			
ALL COMMERCIAL						1.000	1.0309	0.3225	0.3324	
RESIDENTIAL										
FRAME	1.14	1.13	0.9912	1.027	1.0180	0.800	0.8144			
MASONRY	1.14	1.12	0.9825	1.037	1.0188	0.200	0.2038	•		
ALL RESIDENTIAL	-					1.000	1.0182	0.6775	0.6898	
									1.0223	
LAS VEGAS COMPOSITE IMPROVEMENT FACTOR 1.0000										
PROPOSED LAS VEGAS IMPROVEMENT FACTOR										
						FROPUSED LA	3 VLGAS IIVIPKO	V LIVILINI FACTOR	1.0200	
WEIGHTED AVERAGE STATEWIDE IMPROVEMENT FACTOR										

- MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 99 PAGE 8 & 9
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-7
- MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 98 PAGE 5 & 6
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-12
- BASED ON ESTIMATES SUPPLIED BY COUNTY ASSESSOR
- 2011-12 STATISTICAL ANALYSIS OF THE TAX ROLL

#### LINCOLN COUNTY IMPROVEMENT FACTOR COMPUTATION

	LOCAL	WEIGHTED	-	WEIGHTED							
CONSTRUCTION	MULTIPLIER	MULTIPLIER	(01/12) / (01/11)	COST MULTIPLIER	TYPE FACTOR	CONSTRUCTION	FACTOR	PERCENTAGE OF	FACTOR		
TYPE	01/11 *	01/12 *	(C / B)	01/12>01/11 **	(D * E)	TYPE ***	(F * G)	TAX ROLL ****	(I * J)		
COMMERCIAL											
A	1.02	1.02	1.0000	1.038	1.0380	0.040	0.0415				
В	1.03	1.02	0.9903	1.034	1.0240	0.040	0.0410				
С	1.06	1.06	1.0000	1.028	1.0280	0.500	0.5140				
D	1.05	1.06	1.0095	1.024	1.0338	0.250	0.2584				
S	1.02	1.02	1.0000	1.036	1.0360	0.170	0.1761				
ALL COMMERCIAL											
DECIDENTIAL											
RESIDENTIAL											
FRAME	1.05	1.04	0.9905	1.027	1.0172	0.800	0.8138				
MASONRY	1.06	1.04	0.9811	1.037	1.0174	0.200	0.2035				
ALL RESIDENTIAL											
	1.0000	1.0226									

LINCOLN COUNTY COMPOSITE IMPROVEMENT FACTOR 1.0000

PROPOSED LINCOLN COUNTY IMPROVEMENT FACTOR

WEIGHTED AVERAGE STATEWIDE IMPROVEMENT FACTOR 1.0300

1.0200

- MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 99 PAGE 8 & 9
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-7
- MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 98 PAGE 5 & 6
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-12
- BASED ON ESTIMATES SUPPLIED BY COUNTY ASSESSOR
- 2011-12 STATISTICAL ANALYSIS OF THE TAX ROLL

#### NYE COUNTY IMPROVEMENT FACTOR COMPUTATION

	LOCAL	LOCAL	PRICE RELATIVE	COMPARATIVE	CONSTRUCTION	PERCENTAGE OF	WEIGHTED	-	WEIGHTED
CONSTRUCTION	MULTIPLIER	MULTIPLIER	(01/12) / (01/11)	COST MULTIPLIER	TYPE FACTOR	CONSTRUCTION	FACTOR	PERCENTAGE OF	FACTOR
TYPE	01/11 *	01/12*	(C / B)	01/12>01/11 **	(D * E)	TYPE ***	(F * G)	TAX ROLL ****	(I * J)
COMMERCIAL									
Α	0.96	0.96	1.0000	1.038	1.0380	0.040	0.0415		
В	0.93	0.93	1.0000	1.034	1.0340	0.040	0.0414		
С	0.92	0.5140							
D	0.88	0.89	1.0114	1.024	1.0356	0.250	0.2589		
S	0.94	0.95	1.0106	1.036	1.0470	0.170	0.1780		
ALL COMMERCIAL						1.000	1.0338	0.2485	0.2569
RESIDENTIAL									
FRAME	0.89	0.89	1.0000	1.027	1.0270	0.800	0.8216		
MASONRY	0.93	0.91	0.9785	1.037	1.0147	0.200	0.2029		
ALL RESIDENTIAL						1.000	1.0245	0.7515	0.7700
	1.0000	1.0268							

PROPOSED NYE COUNTY IMPROVEMENT FACTOR 1.0300

WEIGHTED AVERAGE STATEWIDE IMPROVEMENT FACTOR 1.0300

- MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 99 PAGE 8 & 9
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-7
- MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 98 PAGE 5 & 6
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-12
- BASED ON ESTIMATES SUPPLIED BY COUNTY ASSESSOR
- 2011-12 STATISTICAL ANALYSIS OF THE TAX ROLL

#### RENO - SPARKS IMPROVEMENT FACTOR COMPUTATION

TYPE         01/11*         01/12*         (C / B)         01/12>01/11**         (D*E)         TYPE ***         (F*G)         TAX ROLL ****         (I* )           COMMERCIAL         A         1.10         1.10         1.0000         1.038         1.0380         0.040         0.0415           B         1.07         1.07         1.0000         1.034         1.0340         0.040         0.0414           C         1.06         1.06         1.0000         1.028         1.0280         0.500         0.5140           D         1.05         1.05         1.0000         1.024         1.0240         0.250         0.2560           S         1.09         1.10         1.0092         1.036         1.0455         0.170         0.1777		LOCAL	LOCAL	PRICE RELATIVE	COMPARATIVE	CONSTRUCTION	PERCENTAGE OF	WEIGHTED	-	WEIGHTED		
COMMERCIAL         A         1.10         1.10         1.0000         1.038         1.0380         0.040         0.0415           B         1.07         1.07         1.0000         1.034         1.0340         0.040         0.0414           C         1.06         1.06         1.0000         1.028         1.0280         0.500         0.5140           D         1.05         1.05         1.0000         1.024         1.0240         0.250         0.2560           S         1.09         1.10         1.0092         1.036         1.0455         0.170         0.1777           ALL COMMERCIAL         1.000         1.027         1.0270         0.800         0.8216           RESIDENTIAL           FRAME         1.06         1.06         1.0000         1.027         1.0270         0.800         0.8216           MASONRY         1.07         1.05         0.9813         1.037         1.0176         0.200         0.2035	CONSTRUCTION	MULTIPLIER	MULTIPLIER	(01/12) / (01/11)	COST MULTIPLIER	TYPE FACTOR	CONSTRUCTION	FACTOR	PERCENTAGE OF	FACTOR		
A       1.10       1.10       1.0000       1.038       1.0380       0.040       0.0415         B       1.07       1.07       1.0000       1.034       1.0340       0.040       0.0414         C       1.06       1.06       1.0000       1.028       1.0280       0.500       0.5140         D       1.05       1.05       1.0000       1.024       1.0240       0.250       0.2560         S       1.09       1.10       1.0092       1.036       1.0455       0.170       0.1777         ALL COMMERCIAL       1.000       1.036       0.3602       0         RESIDENTIAL         FRAME       1.06       1.06       1.0000       1.027       1.0270       0.800       0.8216         MASONRY       1.07       1.05       0.9813       1.037       1.0176       0.200       0.2035	TYPE	01/11 *	01/12*	(C / B)	01/12>01/11 **	(D * E)	TYPE ***	(F * G)	TAX ROLL ****	(I * J)		
B         1.07         1.07         1.0000         1.034         1.0340         0.040         0.0414           C         1.06         1.06         1.0000         1.028         1.0280         0.500         0.5140           D         1.05         1.05         1.0000         1.024         1.0240         0.250         0.2560           S         1.09         1.10         1.0092         1.036         1.0455         0.170         0.1777           ALL COMMERCIAL         1.000         1.036         0.3602         0           RESIDENTIAL           FRAME         1.06         1.06         1.0000         1.027         1.0270         0.800         0.8216           MASONRY         1.07         1.05         0.9813         1.037         1.0176         0.200         0.2035	COMMERCIAL											
C         1.06         1.06         1.000         1.028         1.0280         0.500         0.5140           D         1.05         1.05         1.000         1.024         1.0240         0.250         0.2560           S         1.09         1.10         1.0092         1.036         1.0455         0.170         0.1777           ALL COMMERCIAL         1.000         1.0306         0.3602         0.	Α	1.10	1.10	1.0000	1.038	1.0380	0.040	0.0415				
D         1.05         1.05         1.0000         1.024         1.0240         0.250         0.2560           S         1.09         1.10         1.0092         1.036         1.0455         0.170         0.1777           ALL COMMERCIAL         1.000         1.0306         0.3602 </td <td>В</td> <td>1.07</td> <td>1.07</td> <td>1.0000</td> <td>1.034</td> <td>1.0340</td> <td>0.040</td> <td>0.0414</td> <td></td> <td></td>	В	1.07	1.07	1.0000	1.034	1.0340	0.040	0.0414				
S         1.09         1.10         1.0092         1.036         1.0455         0.170         0.1777           ALL COMMERCIAL         1.000         1.0306         0.3602         0           RESIDENTIAL           FRAME         1.06         1.06         1.0000         1.027         1.0270         0.800         0.8216           MASONRY         1.07         1.05         0.9813         1.037         1.0176         0.200         0.2035	С	1.06	1.06	1.0000	1.028	1.0280	0.500	0.5140				
ALL COMMERCIAL 1.000 1.0306 0.3602 0  RESIDENTIAL FRAME 1.06 1.06 1.000 1.027 1.0270 0.800 0.8216 MASONRY 1.07 1.05 0.9813 1.037 1.0176 0.200 0.2035	D	1.05	1.05	1.0000	1.024	1.0240	0.250	0.2560				
RESIDENTIAL       FRAME     1.06     1.06     1.0000     1.027     1.0270     0.800     0.8216       MASONRY     1.07     1.05     0.9813     1.037     1.0176     0.200     0.2035	S	1.09	1.10	1.0092	1.036	1.0455	0.170	0.1777				
FRAME         1.06         1.06         1.0000         1.027         1.0270         0.800         0.8216           MASONRY         1.07         1.05         0.9813         1.037         1.0176         0.200         0.2035	ALL COMMERCIAL						1.000	1.0306	0.3602	0.3712		
FRAME         1.06         1.06         1.0000         1.027         1.0270         0.800         0.8216           MASONRY         1.07         1.05         0.9813         1.037         1.0176         0.200         0.2035	DESIDENTIAL	DECIDENTIAL										
MASONRY         1.07         1.05         0.9813         1.037         1.0176         0.200         0.2035		1.06	1.06	1.0000	1.027	1.0270	0.800	0.8216				
ALL RESIDENTIAL 1.000 1.0251 0.6398 (	MASONRY	1.07	1.05	0.9813	1.037	1.0176	0.200	0.2035				
	ALL RESIDENTIAL											
1		<u> </u>										
RENO - SPARKS COMPOSITE IMPROVEMENT FACTOR 1.0000 1		MENT FACTOR	1.0000	1.0271								

PROPOSED RENO - SPARKS IMPROVEMENT FACTOR 1.0300

WEIGHTED AVERAGE STATEWIDE IMPROVEMENT FACTOR 1.0300

- MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 99 PAGE 8 & 9
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-7
- MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 98 PAGE 5 & 6
  - MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-12
- BASED ON ESTIMATES SUPPLIED BY COUNTY ASSESSOR
- 2011-12 STATISTICAL ANALYSIS OF THE TAX ROLL

#### LAKE TAHOE IMPROVEMENT FACTOR COMPUTATION

	LOCAL	LOCAL	PRICE RELATIVE	COMPARATIVE	CONSTRUCTION	PERCENTAGE OF	WEIGHTED	-	WEIGHTED
CONSTRUCTION	MULTIPLIER	MULTIPLIER	(01/12) / (01/11)	COST MULTIPLIER	TYPE FACTOR	CONSTRUCTION	FACTOR	PERCENTAGE OF	FACTOR
TYPE	01/11 *	01/12 *	(C / B)	01/12>01/11 **	(D * E)	TYPE ***	(F * G)	TAX ROLL ****	(I * J)
COMMERCIAL									
Α	1.21	1.23	1.0165	1.038	1.0552	0.040	0.0422		
В	1.18	1.19	1.0085	1.034	1.0428	0.040	0.0417		
С	1.19	1.20	1.0084	1.028	1.0366	0.500	0.5183		
D	1.19	1.21	1.0168	1.024	1.0412	0.250	0.2603		
S	1.20	1.22	1.0167	1.036	1.0533	0.170	0.1791		
ALL COMMERCIAL						1.000	1.0416	0.3029	0.3155
RESIDENTIAL									
FRAME	1.20	1.21	1.0083	1.027	1.0356	0.800	0.8284		
MASONRY	1.20	1.19	0.9917	1.037	1.0284	0.200	0.2057		
ALL RESIDENTIAL					•	1.000	1.0341	0.6971	0.7208
								1.0000	1.0364

1.0400

PROPOSED LAKE TAHOE IMPROVEMENT FACTOR

WEIGHTED AVERAGE STATEWIDE IMPROVEMENT FACTOR 1.0300

<sup>\*</sup> MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 99 PAGE 8 & 9 MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-7

<sup>\*\*</sup> MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 98 PAGE 5 & 6 MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-12

<sup>\*\*\*</sup> BASED ON ESTIMATES SUPPLIED BY COUNTY ASSESSOR

<sup>\*\*\*\* 2011-12</sup> STATISTICAL ANALYSIS OF THE TAX ROLL

#### STATEWIDE IMPROVEMENT FACTOR COMPUTATION

	LOCAL	LOCAL	PRICE RELATIVE	COMPARATIVE	CONSTRUCTION	PERCENTAGE OF	WEIGHTED		WEIGHTED
CONCTRUCTION								DED CENTER CE OF	
CONSTRUCTION	MULTIPLIER	MULTIPLIER	(01/12) / (01/11)	COST MULTIPLIER	TYPE FACTOR	CONSTRUCTION	FACTOR	PERCENTAGE OF	FACTOR
TYPE	01/11 *	01/12 *	(C / B)	01/12>01/11 **	(D * E)	TYPE ***	(F * G)	TAX ROLL ****	(I * J)
COMMERCIAL									
Α	1.05	1.05	1.0000	1.038	1.0380	0.040	0.0415		
В	1.04	1.04	1.0000	1.034	1.0340	0.040	0.0414		
С	1.04	1.05	1.0096	1.028	1.0379	0.500	0.5189		
D	1.01	1.03	1.0198	1.024	1.0443	0.250	0.2611		
S	1.05	1.05	1.0000	1.036	1.0360	0.170	0.1761		
ALL COMMERCIAL						1.000	1.0390	0.3489	0.3625
RESIDENTIAL									
FRAME	1.02	1.02	1.0000	1.027	1.0270	0.800	0.8216		
MASONRY	1.04	1.03	0.9904	1.037	1.0270	0.200	0.2054		
ALL RESIDENTIAL						1.000	1.0270	0.6511	0.6687
								1.0000	1.0312
PROPOSED STATEWIDE IMPROVEMENT FACTOR								1.0300	

PROPOSED STATEWIDE IMPROVEMENT FACTOR

WEIGHTED AVERAGE STATEWIDE IMPROVEMENT FACTOR 1.0300

<sup>\*</sup> MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 99 PAGE 8 & 9 MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-7

<sup>\*\*</sup> MARSHALL-SWIFT COMMERCIAL MANUAL SECTION 98 PAGE 5 & 6 MARSHALL-SWIFT RESIDENTIAL MANUAL PAGE F-12

<sup>\*\*\*</sup> BASED ON ESTIMATES SUPPLIED BY COUNTY ASSESSOR

<sup>\*\*\*\* 2011-12</sup> STATISTICAL ANALYSIS OF THE TAX ROLL

#### NEVADA DEPARTMENT OF TAXATION 2012 IMPROVEMENT FACTOR STUDY FACTOR AREA TAX ROLL ALLOCATION

						PERCENT	PERCENT	PERCENT
REGION	COUNTY	ALLOCATION	COMMERCIAL	RESIDENTIAL	TOTAL	COMMERCIAL	RESIDENTIAL	OF TOTAL
CARSON CITY	CARSON CITY	100.00%	410,189,371	624,420,858	1,034,610,229	39.6%		7.0%
	DOUGLAS	68.00%	207,868,908	747,285,264	955,154,172	21.8%	78.2%	6.4%
	STOREY	100.00%	123,050,478	59,118,309	182,168,787	67.5%	32.5%	1.2%
AREA TOTAL			741,108,757	1,430,824,431	2,171,933,188	34.1%	65.9%	14.6%
ELKO	ELKO	100.00%	262,104,441	373,849,853	635,954,294	41.2%	58.8%	4.3%
	EUREKA	100.00%	50,790,114	7,284,711	58,074,825	87.5%	12.5%	0.4%
	HUMBOLDT	100.00%	86,376,803	123,186,718	209,563,521	41.2%	58.8%	1.4%
	LANDER	100.00%	17,528,431	30,761,547	48,289,978	36.3%		0.3%
AREA TOTAL		•	416,799,789	535,082,829	951,882,618	43.8%		6.4%
FALLON	CHURCHILL	100.00%	96,083,100	237,372,871	333,455,971	28.8%	71.2%	2.2%
	LYON	100.00%	206,011,543	594,888,387	800,899,930	25.7%	74.3%	5.4%
	MINERAL	100.00%	17,361,823	22,128,198	39,490,021	44.0%	56.0%	0.3%
	PERSHING	100.00%	34,111,217	25,681,211	59,792,428	57.0%	<u> </u>	0.4%
AREA TOTAL		•	353,567,683	880,070,667	1,233,638,350	28.7%	71.3%	8.3%
LAS VEGAS	CLARK	100.00%	13,461,663,395	28,284,685,755	41,746,349,150	32.2%	67.8%	N/A
LINCOLN COUNTY	LINCOLN	100.00%	27,632,070	43,306,752	70,938,822	39.0%	61.0%	0.5%
	WHITE PINE	100.00%	43,163,443	54,469,067	97,632,510	44.2%	55.8%	0.7%
AREA TOTAL			70,795,513	97,775,819	168,571,332	42.0%	58.0%	1.1%
NYE COUNTY	ESMERALDA	100.00%	2,630,892	4,546,214	7,177,106	36.7%	63.3%	0.0%
	NYE	100.00%	104,958,229	320,868,449	425,826,678	24.6%	75.4%	2.9%
AREA TOTAL		-	107,589,121	325,414,663	433,003,784	24.8%	75.2%	2.9%
RENO - SPARKS	WASHOE	93.00%	3,207,262,226	5,697,730,008	8,904,992,234	36.0%	64.0%	59.8%
		•		•			•	
LAKE TAHOE	DOUGLAS	32.00%	97,820,663	351,663,654	449,484,317	21.8%	78.2%	3.0%
	WASHOE	7.00%	241,406,834	428,861,398	670,268,232	36.0%	jj.	4.5%
AREA TOTAL			339,227,497	780,525,052	1,119,752,549	30.3%		7.5%
STATEWIDE	TOTALS	100.00%	18,698,013,981	38,032,109,224	56,730,123,205	33.0%	67.0%	100.0%
	CLARK	-73.59%	(13,461,663,395)	\$t	(41,746,349,150)	32.2%	,	100.0%
ALL AREAS EXCEPT	LAS VEGAS	26.41%	5,193,187,143	9,692,954,402	14,886,141,545	34.9%	65.1%	100.0%

#### NEVADA DEPARTMENT OF TAXATION 2012 IMPROVEMENT FACTOR STUDY STATISTICAL ANALYSIS OF THE TAX ROLL 2011-12

	COMN	MERCIAL / INDUST	RIAL	_	RESIDEN	ALL PROPERTY				
COUNTY	COMMERCIAL	INDUSTRIAL	TOTAL VALUE	SINGLE FAMILY	CONDO	MULTI-FAMILY	TOTAL VALUE	TOTAL VALUE	COMMERCIAL	RESIDENTIAL
CARSON CITY	358,038,585	52,150,786	410,189,371	522,012,215	24,713,722	77,694,921	624,420,858	1,034,610,229	60.4%	39.6%
CHURCHILL	80,941,435	15,141,665	96,083,100	213,039,829	725,006	23,608,036	237,372,871	333,455,971	71.2%	28.8%
CLARK	12,232,147,732	1,229,515,663	13,461,663,395	22,735,707,628	3,076,389,949	2,472,588,178	28,284,685,755	41,746,349,150	67.8%	32.2%
DOUGLAS	252,564,081	53,125,490	305,689,571	929,125,535	62,799,472	107,023,911	1,098,948,918	1,404,638,489	78.2%	21.8%
ELKO	225,344,659	36,759,782	262,104,441	331,152,652	5,862,653	36,834,548	373,849,853	635,954,294	58.8%	41.2%
ESMERALDA	2,600,789	30,103	2,630,892	2,876,277	0	1,669,937	4,546,214	7,177,106	63.3%	36.7%
EUREKA	14,019,797	36,770,317	50,790,114	5,806,722	0	1,477,989	7,284,711	58,074,825	12.5%	87.5%
HUMBOLDT	71,807,242	14,569,561	86,376,803	111,446,828	0	11,739,890	123,186,718	209,563,521	58.8%	41.2%
LANDER	14,308,819	3,219,612	17,528,431	28,221,550	568	2,539,429	30,761,547	48,289,978	63.7%	36.3%
LINCOLN	22,787,245	4,844,825	27,632,070	39,839,213	27,095	3,440,444	43,306,752	70,938,822	61.0%	39.0%
LYON	100,688,182	105,323,361	206,011,543	560,873,781	716,229	33,298,377	594,888,387	800,899,930	74.3%	25.7%
MINERAL	14,278,873	3,082,950	17,361,823	19,543,842	0	2,584,356	22,128,198	39,490,021	56.0%	44.0%
NYE	100,630,456	4,327,773	104,958,229	283,886,898	2,325,215	34,656,336	320,868,449	425,826,678	75.4%	24.6%
PERSHING	31,906,606	2,204,611	34,111,217	21,830,508	0	3,850,703	25,681,211	59,792,428	43.0%	57.0%
STOREY	15,621,168	107,429,310	123,050,478	56,596,733	0	2,521,576	59,118,309	182,168,787	32.5%	67.5%
WASHOE	2,695,912,757	752,756,303	3,448,669,060	5,059,002,076	520,120,359	547,468,971	6,126,591,406	9,575,260,466	64.0%	36.0%
WHITE PINE	37,189,594	5,973,849	43,163,443	48,965,247	445,155	5,058,665	54,469,067	97,632,510	55.8%	44.2%
TOTALS	16,270,788,020	2,427,225,961	18,698,013,981	30,969,927,534	3,694,125,423	3,368,056,267	38,032,109,224	56,730,123,205	67.0%	33.0%

#### NEVADA DEPARTMENT OF TAXATION 2012 IMPROVEMENT FACTOR STUDY STATEWIDE

MARSHALL & SWIFT LOCAL MULTIPLIERS

MARSHALL & SWIFT COMPARATIVE COST MULTIPLIER -- SOUTHWEST AVERAGE

NAS   4%   4%   5%   25%   17%   89%   29%   MacS   4%   4%   5%   57%   17%   89%   29%   MacS   4%   4%   5%   5%   25%   17%   89%   29%   MacS   4%   4%   5%   5%   25%   17%   89%   29%   MacS   4%   4%   5%   5%   25%   17%   89%   29%   MacS   4%   4%   4%   5%   5%   17%   89%   29%   29%   MacS   4%   4%   4%   4%   4%   4%   4%   4		CONDUCTION OF STREET AND STREET STREE							<del>                                     </del>					DESTRUCTION TO A		
MANIAL   ATVRE   BTYPE   CTYPE   DTYPE   STYPE   RAME   MASONIY   MARIAL   ATVRE   BTYPE   CTYPE   DTYPE   STYPE   RAME   MASONIY   MAS FACTON   M			•	-	•			1					-			` `
Nest		Ī	•			•				Ē	Ē .			Ē		
2012	MANUAL	A TYPE	B TYPE	С ТҮРЕ	D TYPE	S TYPE	FRAME	MASONRY	MANUAL	A TYPE	B TYPE	C TYPE	D TYPE	S TYPE	FRAME	MASONRY
2011								M&S FACTOR				M&S FACTOR				
2009	2012	1.05	1.04	1.05	1.03	1.05	1.02	1.03	2012	1.038	1.034	1.028	1.024	1.036	1.027	1.037
2008	2011	1.05	1.04	1.04	1.01	1.05	1.02	1.04	2011	1.038	1.040	1.047	1.055	1.028	1.049	1.061
2008	2009	1.02	1.01	1.03	1.00	1.02	0.99	1.02	2009	0.942	0.945	0.964	0.966	0.936	0.999	0.992
2007   1.02   1.02   1.03   1.00   1.03   1.00   1.03   2.007   1.042   1.042   1.036   1.025   1.035   1.051   1.041   2.005   2.006   1.04   1.04   1.04   1.04   1.05   1.05   1.05   1.05   1.05   2.005   1.07   1.109   1.082   1.097   1.115   1.106   1.055   2.004   1.06   1.05   1.05   1.05   1.05   1.05   1.05   2.005   1.07   1.109   1.092   1.097   1.115   1.106   1.055   2.005   1.014   1.05   1.05   1.05   1.05   1.05   1.05   2.003   1.071   1.019   1.019   1.021   1.017   1.017   1.014   1.017   2.003   2.002   1.015   1.05   1.05   1.05   1.05   1.05   1.05   1.05   2.003   1.010   1.012   1.010   1.009   1.007   1.008   1.011   2.000   1.011   2.000   1.011   2.000   1.001   2.000   2.0	2008	1.05	1.03	1.04	1.01	1.05	0.99	1.02	2008	1.080	1.066	1.046	1.025	1.084	1.023	1.007
2005	2007	1.02	1.02	1.03	1.00	1.03	1.00	1.03	2007	1.042	1.042	1.036	1.025	1.035		1.041
2004   1.06   1.05   1.06   1.05   1.07   1.04   1.08   2004   1.019   1.019   1.019   1.021   1.017   1.014   1.017   2003   1.04   1.05   1.05   1.05   1.03   1.05   1.02   1.05   2003   1.021   1.022   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.025   1.019   1.024   1.025   1.019   1.025	2006	1.04	1.04	1.04	1.01	1.05	1.01	1.03	2006	1.087	1.085	1.090	1.087	1.088	1.055	1.054
2003	2005	1.05	1.04	1.04	1.02	1.05	1.02	1.04	2005	1.107	1.109	1.092	1.097	1.115	1.106	1.095
2003   1.04   1.05   1.05   1.03   1.03   1.05   1.02   1.05   2003   1.021   1.022   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.019   1.024   1.023   1.025   1.025   1.026   1.021   1.026   1.021   1.020   1.027   1.028   1.021   1.022   1.023   1.025   1.025   1.026   1.027   1.028   1.021   1.022   1.023   1.025   1.025   1.026   1.027   1.028   1.021   1.022   1.023   1.025   1.025   1.026   1.027   1.028   1.021   1.022   1.023   1.025   1.026   1.027   1.028   1.021   1.022   1.023   1.025   1.025   1.026   1.027   1.028   1.021   1.022   1.023   1.025   1.025   1.026   1.027   1.028   1.021   1.022   1.023   1.025	2004	1.06	1.05	1.06	1.05	1.07	1.04	1.06	2004	1.019	1.019	1.019	1.021	1.017	1.014	1.017
2002   1.05   1.05   1.05   1.04   1.06   1.04   1.05   2002   1.010   1.012   1.010   1.009   1.007   1.008   1.011     2001	2003	1.04	1.05	1.05	1.03	1.05	1.02	1.05	2003	1.021	1.022	1.023	1.025	1.019		
2000   1999   1998   1998   1998   1996   1996   1995   1994   1993   1992   1992   1991   1990   1990   1990   1990   1990   1990   1990   1990   1990   1998	2002	1.05	1.05	1.05	1.04	1.06	1.04	1.05	2002	1.010	1.012	1.010	1.009	1.007	1.008	
1998	2001															
1997	2000															
1997       1996       1995       1994       1993       1991       1990       1998       1988       1986       1985       1984       1983	1999															
1996     1995       1994     1993       1992     1991       1990     1990       1988     1988       1986     1986       1985     1984       1983     1984       1983     1984	1998															
1995     1994       1993     1992       1991     1991       1999     1990       1988     1987       1986     1985       1984     1984       1983     1984	1997															
1994       993       994       995	1996															
1993     992       1991     993       1990     994       1989     995       1987     996       1986     996       1985     997       1984     998       1983     998	1995															
1992	1994															
1991     1990       1989     1988       1987     1986       1985     1984       1983     1983	1993															
1990     1989	1992															
1989	1991															
1988	1990															
1988	1989															
1986 </td <td></td>																
1985	1987															
1984	1986															
1983	1985															
	1984									0	[			[		
	1983															

#### NEVADA DEPARTMENT OF TAXATION 2012 IMPROVEMENT FACTOR STUDY STATEWIDE

WEIGHTED COMPOSITE CONSTRUCTION TYPE MULTIPLIER

NET COMPOSITE IMPROVEMENT FACTORS

2011-12         0.036603         0.037066         0.477365         0.239109         0.154574         0.942717         0.799200         0.198400         0.997600         2011-12         0.944717         0.3418612         0.322962         0.997600         0.6581388         0.656559         0.9795           2009-10         0.044471         0.043058         0.528078         0.258813         0.187858         1.062277         0.810216         0.199445         1.009661         2009-10         1.062277         0.3418612         0.3418612         0.363151         1.009661         0.6581388         0.664497         1.0276           2008-09         0.040878         0.040878         0.513019         0.253713         0.172599         1.021088         0.832475         0.208200         1.040675         2008-09         1.021088         0.3418612         0.3418612         0.349070         1.040675         0.6581388         0.664497         1.0339           2007-08         0.043066         0.043400         0.545000         0.269086         0.184960         1.085512         0.208773         1.044499         2007-08         1.085512         0.3418612         0.3418612         0.3471094         1.044499         0.6581388         0.687425         1.0585           2006-07         0.	:	COMMEDIAL				COMMERCIAL RESIDENTIAL					:							
FISCAL A TYPE B TYPE C TYPE D TYPE FACTOR FA		407	407			4707	4000/	000/		1000/			COMMERCIAL			KESIDENTIAL		<u> </u>
YEAR         FACTOR         FACTOR         FACTOR         FACTOR         FACTOR         FACTOR         FACTOR         FACTOR         YEAR         FACTOR         TAX ROLL									•	1							İ	
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# 2013 - 2014 IMPROVEMENT FACTOR REPORT

### Appendix I

# NOTIFICATIONS FROM ASSESSORS



ROBERT R BARENGO Chair, Nevada Tax Commission

> WILLIAM CHISEL Executive Director

# STATE OF NEVADA DEPARTMENT OF TAXATION

Web Site: http://tax.state.nv.us

1550 College Parkway, Suite 115 Carson City, Nevada 89706-7937 Phone: (775) 684-2000 Fax: (775) 684-2020

LAS VEGAS OFFICE
Grant Sawyer Office Building, Suite1300
555 E., Washington Avenue
Las Vegas, Nevada 89101
Phone: (702) 486-2300 Fax: (702) 486-2373

RENO OFFICE 4600 Kietzke Lane Building L, Suite 235 Reno, Nevada 89502 Phone: (775) 687-9999 Fax: (775) 688-1303

HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180 Henderson, Nevada 89074 Phone: (702) 486-2300 Fax: (702) 486-3377

April 05, 2012

DAVE DAWLEY CARSON CITY ASSESSOR 201 N. CARSON STREET, #6 CARSON CITY, NV 89701

Dear DAVE:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

The factor recommended by the Department is a statewide factor, without reference to regions. The factor is a reconciliation between change in cost in the Marshall and Swift manuals from January 2011 to January 2012 for commercial costs and from December 2010 to December 2011 for residential costs. The final presentation to the Nevada Tax Commission will include a comparison of the proposed factor to the federal Consumer Price Index for Housing for the western region.

Pursuant to NRS 361.261, the Assessors have until May 15, 2012 to approve or object to the proposed factor. If an Assessor objects to the proposed factor, the Assessor must provide an alternative proposal and include supporting data. We interpret the statute to mean that you must affirmatively approve the factor. In the past, writing a letter of approval has added yet another task to the many you face. Therefore, we are hopeful that just checking one of the statements below, signing, and returning a copy of this letter will simplify the process, or just drop me an email at the address below. Either will suffice.

If you have any questions, please let me know.

Sincerely,

Terry E. Rubald, Chief

**Division of Assessment Standards** 

Leny E. Rusald

(775) 684-2095

trubald@tax.state.nv.us

XXXX

I re-cost all Improvements annually.

I approve the 2013-14 Improvement Factor proposed by the Department of Taxation.

---------

I do not approve the 2013-14 Improvement Factor for the following reasons:

Signed:

Date:



ROBERT R BARENGO Chair, Nevada Tax Commission

> WILLIAM CHISEL Executive Director

# STATE OF NEVADA DEPARTMENT OF TAXATION

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HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180 Henderson, Nevada 89074 Phone: (702) 486-2300 Fax: (702) 486-3377

April 05, 2012

NORMA GREEN CHURCHILL COUNTY ASSESSOR 155 N. TAYLOR STREET, #200 FALLON, NV 89406-2748

Dear NORMA:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

The factor recommended by the Department is a statewide factor, without reference to regions. The factor is a reconciliation between change in cost in the Marshall and Swift manuals from January 2011 to January 2012 for commercial costs and from December 2010 to December 2011 for residential costs. The final presentation to the Nevada Tax Commission will include a comparison of the proposed factor to the federal Consumer Price Index for Housing for the western region.

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Sincerely,

Leny E. Russel

Terry E. Rubald, Chief
Division of Assessment Standards
(775) 684-2095
trubald@tax.state.nv.us

I re-cost all Improvements annually.
I approve the 2013-14 Improvement Factor proposed by the Department of Taxation.
I do not approve the 2013-14 Improvement Factor for the following reasons:



BRIAN SANDOVAL

ROBERT R BARENGO Chair, Nevada Tax Commission

WILLIAM CHISEL

# STATE OF NEVADA DEPARTMENT OF TAXATION

Web Site: http://tax.state.nv.us

1550 College Parkway, Suite 115 Carson City, Nevada 89706-7937 Phone: (775) 684-2000 Fax: (775) 684-2020

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555 E. Washington Avenue
Las Vegas, Nevada 89101
Phone: (702) 486-2300 Fax: (702) 486-2373

RENO OFFICE 4600 Kletzka Lane Building L, Suita 235 Reno, Nevada 89509 Phone: (775) 887-9898 Fax: (775) 888-1303

HENDERSON OFFICE 2550 Pasco Verde Parkway, Suite 180 Henderson, Nevada 89074 Phone: (702) 486-2300 FBX: (702) 486-3377

April 05, 2012

MICHELE W SHAFE CLARK COUNTY ASSESSOR P.O. BOX 551401 LAS VEGAS, NV 89155-1401

Dear MICHELE W:

Please find attached the proposed improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

The factor recommended by the Department is a statewide factor, without reference to regions. The factor is a reconciliation between change in cost in the Marshall and Swift manuals from January 2011 to January 2012 for commercial costs and from December 2010 to December 2011 for residential costs. The final presentation to the Nevada Tax Commission will include a comparison of the proposed factor to the federal Consumer Price Index for Housing for the western region.

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If you have any questions, please let me know.

Sincerely,  Leny E. Russel
Terry E. Rubald, Chief
Division of Assessment Standards
(775) 684-2095
trubald@tax.state.nv.us
I re-cost all Improvements annually.  I approve the 2013-14 Improvement Factor proposed by the Department of Taxation.  I do not approve the 2013-14 Improvement Factor for the following reasons:
Signed: Mikele W. Shafe Date: 5/15/12

From: Bruce Bartolowits

**Sent:** Monday, June 04, 2012 11:05 AM

To: Shirley A. Rains

**Subject:** FW: 2013-14 Improvement Factor

From: Terry Rubald

Sent: Friday, April 06, 2012 8:38 AM

**To:** Bruce Bartolowits **Cc:** Tatjana Vukovic

Subject: FW: 2013-14 Improvement Factor

**From:** Sonnemann, Doug [mailto:DSonnemann@co.douglas.nv.us]

Sent: Friday, April 06, 2012 8:34 AM

To: Terry Rubald

Subject: 2013-14 Improvement Factor

April 6, 2012

Terry E. Rubald, Chief Division of Assessment Standards

Re: 2013-14 Improvement Factor

Dear Terry,

This email is to confirm that Douglas County re-costs all improvements annually and will not be using the improvement factor. Further we have no objections to the 2013-14 improvement factor as presented.

Thank you for the notification.

Doug Sonnemann Douglas County Assessor



ROBERT R BARENGO Chair. Nevada Tax Commission

WILLIAM CHISEL
Executive Director

# STATE OF NEVADA DEPARTMENT OF TAXATION

Web Site: http://tax.state.nv.us

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HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180 Henderson, Nevada 89074 Phone: (702) 486-2300 Fax: (702) 486-3377

April 05, 2012

KATRINKA RUSSELL ELKO COUNTY ASSESSOR 571 IDAHO ELKO. NV 89801

#### Dear KATRINKA:

Cincoroly

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

The factor recommended by the Department is a statewide factor, without reference to regions. The factor is a reconciliation between change in cost in the Marshall and Swift manuals from January 2011 to January 2012 for commercial costs and from December 2010 to December 2011 for residential costs. The final presentation to the Nevada Tax Commission will include a comparison of the proposed factor to the federal Consumer Price Index for Housing for the western region.

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If you have any questions, please let me know.

Sincerely	,
Lev	ry E. Rutald
Terry E. F	Rubald, Chief
Division of	of Assessment Standards
(775) 684	1-2095
` '	tax.state.nv.us
X	I re-cost all Improvements annually.
	I approve the 2013-14 Improvement Factor proposed by the Department of Taxation.
	I do not approve the 2013-14 Improvement Factor for the following reasons:
	$\mathcal{I}_{\mathcal{I}}$
Signed:	Hate: April 6, 2012

From: Bruce Bartolowits

Sent: Monday, June 04, 2012 11:01 AM

To: Shirley A. Rains

**Subject:** FW: improvement factor

From: Terry Rubald

Sent: Monday, April 09, 2012 7:03 AM

To: Bruce Bartolowits

Subject: FW: improvement factor

Terry E. Rubald Chief, Division of Assessment Standards Department of Taxation 1550 College Parkway Carson City, Nevada 89706 (775) 684-2095

Fax: 775-684-2020

#### **CONFIDENTIALITY STATEMENT:**

This e-mail and any attachments are intended only for those to which it is addressed and may contain information which is privileged, confidential and prohibited from disclosure and unauthorized use under applicable law. If you are not the intended recipient of this e-mail, you are hereby notified that any use, dissemination, or copying of this e-mail or the information contained in this e-mail is strictly prohibited by the sender. If you have received this transmission in error, please return the material received to the sender and delete all copies from your system.

From: RUTH LEE [mailto:ruthlee1957@yahoo.com]

Sent: Monday, April 09, 2012 6:17 AM

**To:** Terry Rubald

Subject: improvement factor

Terry,

I re-cost all improvements annually so I will not be using the improvement factor.

Ruth Lee



ROBERT R BARENGO Chair, Nevada Tax Commission

> WILLIAM CHISEL Executive Director

#### STATE OF NEVADA DEPARTMENT OF TAXATION

Web Site: http://tax.state.nv.us

1550 College Parkway, Suite 115 Carson City, Nevada 89706-7937 Phone: (775) 684-2000 Fax: (775) 684-2020

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HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180 Henderson, Nevada 89074 Phone: (702) 486-2300 Fax: (702) 486-3377

April 05, 2012

MICHAEL MEARS EUREKA COUNTY ASSESSOR P.O. BOX 88 EUREKA, NV 89316

Dear MICHAEL:

Sincerely,

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

The factor recommended by the Department is a statewide factor, without reference to regions. The factor is a reconciliation between change in cost in the Marshall and Swift manuals from January 2011 to January 2012 for commercial costs and from December 2010 to December 2011 for residential costs. The final presentation to the Nevada Tax Commission will include a comparison of the proposed factor to the federal Consumer Price Index for Housing for the western region.

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If you have any questions, please let me know.

Clevy E. Rusald Terry E. Rubald, Chief Division of Assessment Standards (775) 684-2095 trubald@tax.state.nv.us I re-cost all Improvements annually. I approve the 2013-14 Improvement Factor proposed by the Department of Taxation. I do not approve the 2013-14 Improvement Factor for the following reasons:



ROBERT R BARENGO Chair. Nevada Tax Commission

WILLIAM CHISEL
Executive Director

# STATE OF NEVADA DEPARTMENT OF TAXATION

Web Site: http://tax.state.nv.us

1550 College Parkway, Suite 115 Carson City, Nevada 89706-7937 Phone: (775) 684-2000 Fax: (775) 684-2020

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HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180 Henderson, Nevada 89074 Phone: (702) 486-2300 Fax: (702) 486-3377

April 05, 2012

JEFF JOHNSON HUMBOLDT COUNTY ASSESSOR 50 WEST FIFTH STREET WINNEMUCCA. NV 89445

Dear JEFF:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

The factor recommended by the Department is a statewide factor, without reference to regions. The factor is a reconciliation between change in cost in the Marshall and Swift manuals from January 2011 to January 2012 for commercial costs and from December 2010 to December 2011 for residential costs. The final presentation to the Nevada Tax Commission will include a comparison of the proposed factor to the federal Consumer Price Index for Housing for the western region.

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If you have any questions, please let me know.

Sincerely,	
Terry E. Ru Division of (775) 684-2	ubald, Chief Assessment Standards 2095 x.state.nv.us
	I re-cost all Improvements annually. I approve the 2013-14 Improvement Factor proposed by the Department of Taxation. I do not approve the 2013-14 Improvement Factor for the following reasons:
Signed:	

From: Bruce Bartolowits

**Sent:** Monday, June 04, 2012 10:11 AM

To: Shirley A. Rains

Subject: FW: IMPROVEMENT FACTOR 2013/14

From: Lander County Assessor [mailto:assessor@landercountynv.org]

**Sent:** Tuesday, May 15, 2012 10:15 AM

**To:** Bruce Bartolowits

Subject: RE: IMPROVEMENT FACTOR 2013/14

#### Bruce:

I have reviewed the proposed improvement factors for the fiscal year 2013/14 and have no objection to the Department's recommendation.

Lura Duvall Lander County Assessor 775-635-2610

BRIAN SANDÓVAL

ROBERT R BARENGO Chair, Nevada Tax Commission

> WILLIAM CHISEL Executive Director

# STATE OF NEVADA DEPARTMENT OF TAXATION

Web Site: http://tax.state.nv.us

1550 College Parkway, Suite 115 Carson City, Nevada 89706-7937 Phone: (775) 684-2000 Fax: (775) 684-2020

LAS VEGAS OFFICE Grant Sawyer Office Building, Suite1300 555 E. Washington Avenue Las Vegas, Nevada 89101 Phone: (702) 488-2300 Fax: (702) 486-2373 RENO OFFICE 4600 Kietzke Lane Building L, Suite 235 Reno, Nevada 89502 Phone: (775) 687-9999 Fax: (775) 688-1303

HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180 Henderson, Nevada 86074 Phone: (702) 486-2300 Fax: (702) 486-3377

April 05, 2012

MELANIE MCBRIDE LINCOLN COUNTY ASSESSOR P.O. BOX 420 PIOCHE, NV 89043

Dear MELANIE:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

The factor recommended by the Department is a statewide factor, without reference to regions. The factor is a reconciliation between change in cost in the Marshall and Swift manuals from January 2011 to January 2012 for commercial costs and from December 2010 to December 2011 for residential costs. The final presentation to the Nevada Tax Commission will include a comparison of the proposed factor to the federal Consumer Price Index for Housing for the western region.

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If you have any questions, please let me know.

Sincerely.

Terry E. Rubald, Chief

Division of Assessment Standards

Leny E. Russel

(775) 684-2095

trubald@tax.state.nv.us

<del>-</del>X-

I re-cost all Improvements annually.

I approve the 2013-14 Improvement Factor proposed by the Department of Taxation.

I do not approve the 2013-14 Improvement Factor for the following reasons:

Signed: Melanie McBride

Date: <u>6-15-2012</u>

From: Bruce Bartolowits

**Sent:** Monday, June 04, 2012 10:50 AM

To: Shirley A. Rains

Subject: FW: Improvement Factor 2012/13

From: Terry Rubald

Sent: Thursday, May 17, 2012 6:51 AM

To: Bruce Bartolowits

**Subject:** FW: Improvement Factor 2012/13

Terry E. Rubald, Chief
Division of Local Government Services
1550 College Parkway, Suite 115
Carson City, NV 89701
(775) 684-2095
FAX: (775) 684-2020

#### CONFIDENTIALITY STATEMENT:

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From: Linda Whalin [mailto:lwhalin@lyon-county.org]

Sent: Tuesday, May 15, 2012 10:08 AM

**To:** Terry Rubald

Subject: Improvement Factor 2012/13

May 15, 2012

Terry,

I approve the improvement factor proposed by the Department of Taxation.

Linda M Whalin Lyon County Assessor



ROBERT R BARENGO Chair, Nevada Tax Commission

> WILLIAM CHISEL Executive Director

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April 05, 2012

DOROTHY FOWLER MINERAL COUNTY ASSESSOR P.O. BOX 400 HAWTHORNE, NV 89415

State of Seatth Department Canation RECEIVED

APR 06 2012

MINERAL COUNTY ASSESSOR

Dear DOROTHY:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

The factor recommended by the Department is a statewide factor, without reference to regions. The factor is a reconciliation between change in cost in the Marshall and Swift manuals from January 2011 to January 2012 for commercial costs and from December 2010 to December 2011 for residential costs. The final presentation to the Nevada Tax Commission will include a comparison of the proposed factor to the federal Consumer Price Index for Housing for the western region.

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If you have any questions, please let me know.

RECEIVED APR 09 2012 Sincerely. Leving E. Rutald State of Nevuc: chanarimont of Taxacc Terry E. Rubald, Chief Division of Assessment Standards (775) 684-2095 trubald@tax.state.nv.us I re-cost all Improvements annually. I approve the 2013-14 Improvement Factor proposed by the Department of Taxation. I do not approve the 2013-14 Improvement Factor for the following reasons: 6 April 2012 Signed: Sarathy Foulw Date:



ROBERT R BARENGO Chair, Nevada Tax Commission

> WILLIAM CHISEL Executive Director

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April 05, 2012

SHIRLEY MATSON NYE COUNTY ASSESSOR 160 N. FLOYD DRIVE PAHRUMP, NV 89060

Dear SHIRLEY:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

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If you have any associans, places let me knows

if you have any questions, please let me know.				
Sincerely,				
Leny E. Rusald				
Terry E. Rubald, Chief				
Division of Assessment Standards				
(775) 684-2095				
trubald@tax.state.nv.us				
I re-cost all Improvements annually. I approve the 2013-14 Improvement F I do not approve the 2013-14 Improve				· <b></b>
Signed Mulles & Matsen	Date: 5-1	4-2012	****	



ROBERT R BARENGO Chair, Nevada Tax Commission

> WILLIAM CHISEL Executive Director

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April 05, 2012

CELESTE HAMILTON
PERSHING COUNTY ASSESSOR
P.O. BOX 89
LOVELOCK, NV 89419

#### Dear CELESTE:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

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If you have any questions, please let me know.

Sincerely	′,			
Lev	ry E. Rusald			
Terry E. F	Rubald, Chief			
Division o	of Assessment Standards			
(775) 684	4-2095			
trubald@	tax.state.nv.us			
х	I re-cost all Improvements annually I approve the 2013-14 Improveme I do not approve the 2013-14 Impr	nt Factor propose	•	
Signed:	Celeste Hamilton	Date:	5-14-2012	



BRIAN SANDOVAL

ROBERT R BARENGO Chair, Nevada Tax Commission

WILLIAM CHISEL
Executive Director

# STATE OF NEVADA DEPARTMENT OF TAXATION

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HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180

> Henderson, Nevada 89074 Phone: (702) 486-2300 Fax: (702) 486-3377

April 05, 2012

JANA SEDDON STOREY COUNTY ASSESSOR P.O. BOX 494 VIRGINIA CITY, NV 89440

Dear JANA:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

The factor recommended by the Department is a statewide factor, without reference to regions. The factor is a reconciliation between change in cost in the Marshall and Swift manuals from January 2011 to January 2012 for commercial costs and from December 2010 to December 2011 for residential costs. The final presentation to the Nevada Tax Commission will include a comparison of the proposed factor to the federal Consumer Price Index for Housing for the western region.

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If you have any questions, please let me know.

Sincerely,

Leny E. Rutald

Terry E. Rubald, Chief
Division of Assessment Standards
(775) 684-2095

trubald@tax.state.nv.us

I re-cost all Improvements annually.
I approve the 2013-14 Improvement Factor proposed by the Department of Taxation.
I do not approve the 2013-14 Improvement Factor for the following reasons:

STILL VERY HARD TO BELIEVE VALUES ARE INCLEASING

AFTER THE 990 INCREASE LAST YEAR.

Signed:

Date: 4-6-12



BRIAN SANDOVAL

ROBERT R BARENGO Chair, Nevada Tax Commission

WILLIAM CHISEL
Executive Director

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HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180 Henderson, Nevada 89074 Phone: (702) 486-2300 Fax: (702) 486-3377

April 05, 2012

JOSH WILSON WASHOE COUNTY ASSESSOR P.O. BOX 11130 RENO, NV 89520-0027

Dear JOSH:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361.261 requires the Department to provide proposed factors to the Assessors for consideration.

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ROBERT R BARENGO Chair, Nevada Tax Commission

> WILLIAM CHISEL **Executive Director**

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HENDERSON OFFICE 2550 Paseo Verde Parkway, Suite 180 Henderson, Nevada 89074 Phone: (702) 486-2300 Fax: (702) 486-3377

April 05, 2012

ROBERT BISHOP WHITE PINE COUNTY ASSESSOR 955 CAMPTON STREET ELY, NV 89301

Dear ROBERT:

Please find attached the proposed Improvement Factor for the 2013-2014 tax year. NRS 361,261 requires the Department to provide proposed factors to the Assessors for consideration.

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Sincerely,	INONIVED
Clery E. Rusald	APR <b>16</b> 2012
Terry E. Rubald, Chief	
Division of Assessment Standards (775) 684-2095	State of Tresaula (GATEROLE of Taxation
trubald@tax.state.nv.us	
I re-cost all Improvements annually. I approve the 2013-14 Improvement Factor proposed by the I do not approve the 2013-14 Improvement Factor for the follows:	
Signed: John & Barbay Date: 2-13-1	12