



**Credit  
Rating  
Agency**

A NRSRO Rating\*

**Central Texas Regional Mobility Authority  
Senior Lien Revenue Bonds  
Subordinate Lien Revenue Bonds**

**HR BBB+ (G)  
HR BBB (G)**

Infrastructure  
October 19, 2016

**Rule 17g-7 Information Disclosure Form**

**Ratings**

Senior Lien Revenue Bonds Outlook **HR BBB+ (G) Stable**

Subordinate Lien Revenue Bonds Outlook **HR BBB (G) Stable**

The Rating Action Commentary (RAC) associated with this disclosure form is an integral part of the form.

**Ratings**

Symbol, Number, or Score in the Rating Scale used by HR Ratings - **Rule 17g-7(a)(1)(ii)(A)**

Entity/Instrument	Rating Action	Rating Type	Rating Code
Central Texas Regional Mobility Authority Senior Lien Revenue Bonds Series 2010, Series 2011, Series 2013A, Series 2015A, Series 2015B, Series 2016	Assigned	Long Term Rating	<a href="#">HR BBB+ (G) / Stable</a>
Central Texas Regional Mobility Authority Subordinate Lien Revenue Bonds Series 2013, Series 2015C, Series 2015D, Series 2015E, Series 2016	Assigned	Long Term Rating	<a href="#">HR BBB (G) / Stable</a>

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**Procedure/Methodology**

Version of the Procedure or Methodology used to Determine the Credit Rating – **Rule 17g-7(a)(1)(ii)(B)**

The methodology used to determine the credit rating is listed below:

- Methodology for Infrastructure: Rating for Debt Backed by Revenues From the Operation of Highways, Tunnels and Bridges, November 2015  
[https://www.hrratings.com/docs/metodologia/0Metodologia%20para%20Infraestructura%20\(eng\)%20impio1.pdf](https://www.hrratings.com/docs/metodologia/0Metodologia%20para%20Infraestructura%20(eng)%20impio1.pdf)

**Methodology Assumptions & Principles**

**Main Assumptions and Principles Used in Constructing the Procedures and Methodologies to Determine Credit Rating, including Qualitative Methodologies and Quantitative Inputs and (for structured products only) Assumptions on Correlation of Defaults Across Underlying Assets – Rule 17g-7 (a)(1)(ii)(C)**

The bonds rated are paid with the revenues derived from the operation of the toll roads owned by the Central Texas Regional Mobility Authority (CTRMA or the Authority). Therefore the methodology mentioned before is based on the evaluation of the credit quality of the flows generated by toll collection in the roadways.

The quantitative analysis starts with the preparation of a base financial scenario, which incorporates assumptions regarding: traffic and its composition, the corresponding growth rates, the operating and maintenance expenses for the project, and the taxes, among other factors. These assumptions are used to determine the expected cash available for debt service. Also, the debt servicing is projected according to the characteristics of the debt profile, including the interest rate, the amortization curve, the designation of the reserve funds, and the existence of financial derivatives, among other characteristics. These processes are applied taking into consideration the base macroeconomic assumptions prepared by HR Ratings. The relevant variables for the structure are projected considering the legal maturity date.

After preparing the base financial scenario, the stressed financial scenario is developed. The stressed scenario maximizes the weakening structure's ability to pay, through a maximum drop in the traffic levels, without defaulting on the financial obligations (breaking point). It is important to mention that the flows under this scenario incorporate a cyclical projection for traffic. The stressed scenario incorporates the economic and financial assumptions made by HR Ratings representing the least favorable impact on the operation, including interest rates and inflation.

**Definition**

The assigned rating of HR BBB+ (G) to the Senior Lien Revenue Bonds indicates that the issues provide moderate safety for timely payment of debt obligations. The Bonds maintain moderate credit risk on a global scale, with weakness in the ability to pay in adverse economic scenarios. The “+” indicates relative strength within the rating category.

The assigned rating of HR BBB (G) to the Subordinate Lien Revenue Bonds indicates that the issues provide moderate safety for timely payment of debt obligations. The Bonds maintain moderate credit risk on a global scale, with weakness in the ability to pay in adverse economic scenarios.



The Annualized Stress Rate (ASR) is the core metric from which the results of the quantitative analysis are drawn. This metric results from the calculation of the maximum annualized cumulative difference expected between the revenue, in real terms, under the stressed scenario and under the base scenario. This rating could be upgraded or downgraded based on the identified risks or credit enhancements. Such attributes are aspects that, due to their nature, are not included in the base and stressed scenarios, and thus they are included as adjustment considerations.

- Qualitative Adjustments to the initial rating:

The assigned ratings also consider the possibility that the CTRMA could issue additional debt in the future, as well as the inherent construction risk of ongoing and future projects that could be incorporated into the System. Furthermore, HR Ratings regards as a potential risk the fact that the provisions for the Renewal and Replacement Fund are made subsequent to the Senior and Subordinated debt service.

### **Rating Limitations**

#### **Potential Limitations of the Credit Rating – Rule 17g-7(a)(1)(ii)(D)**

Limitations:

- HR Ratings does not validate, guarantee or certify the accuracy, correctness or completeness of any information and is not responsible for any errors or omissions or for results obtained from the use of such information.
- Ratings and/or opinions assigned by HR Ratings are based on an analysis of the creditworthiness of an entity, issue or issuer, and do not necessarily imply a statistical likelihood of default.
- The credit ratings do not opine on the liquidity of the issuer's securities or stock.
- The credit ratings do not consider the possible loss severity on an obligation default.
- The credit ratings are not an opinion of the market value of any issuer's securities or stock, or the possibility that this value suffer a deterioration.

### **Information Uncertainty**

#### **Information on the Uncertainty of the Credit Rating – Rule 17g-7(a)(1)(ii)(E)**

The Analysis Committee noted no material limitations on the reliability, accuracy and quality on the data relied on in determining the credit rating.

The Analysis Committee noted no material limitations on the scope of historical data or on the accessibility to certain documents or other information that would have better informed any credit rating listed in this disclosure form.

The ratings and/or opinions assigned are issued on behalf of HR Ratings, not of its management or technical staff, and do not constitute an investment recommendation to buy, sell, or hold any instrument nor to perform any business, investment or other operation. The assigned ratings and/or opinions issued may be subject to updates at any time, in accordance with HR Ratings' methodologies.

### **Use of Third Party Due Diligence**

#### **Use of Third Party Due Diligence Services – Rule 17g-7(a)(1)(ii)(F)**

HR Ratings did not use third party due diligence services for the rating actions listed on Page 1.

### **Service/Remittance Reports Use**

#### **Use of Servicer or Remittance Reports to Conduct Surveillance of the Credit Rating – Rule 17g-7(a)(1)(ii)(G)**

HR Ratings does not use Servicer or Remittance Reports to conduct surveillance of the rating actions listed on Page 1.



#### Data Relied Upon

#### **Description of Types of Data About any Obligor, Issue, Security or Money Market Instrument Relied Upon for Determining Credit Rating – Rule 17q-7(a)(1)(ii)(H)**

The most important information used for the rating is:

- Audited financial statements obtained from public record and CTRMA
- Projections provided by the CTRMA Financial Advisor for the senior and subordinate lien debt service.
- Historical and projected data for transactions and revenues obtained from public records and CTRMA
- FY 2017 Adopted Budget provided by the CTRMA
- Legal documentation of the bonds (Master Trust Indenture, Supplemental Trust Indentures, Loan Agreements, Official Statements, Forms of Bound Counsel in the Supplemental Trust Indentures) obtained from public sources and the CTRMA
- Traffic and Revenue reports provided by the CTRMA, issued by the General Engineering Consultant.

#### Information Quality

#### **Overall Assessment of Quality of Information Available and Considered in Determining Credit Rating – Rule 17q-7(a)(1)(ii)(I)**

The quality of the information provided by the entity is considered to be consistent with the quality observed in ratings that use a similar methodology.

#### Conflicts of Interest

#### **Information Relating to Conflicts of Interest – Rule 17q-7 (a)(1)(ii)(J)**

This is an unsolicited rating. HR Ratings received no payment in connection with this rating. This rating was issued according to HR Ratings' current methodologies, and based on the same policies and procedures applicable to solicited ratings. Unsolicited ratings can be withdrawn by HR Ratings at any time. The following information can be found on our website at [www.hrratings.com](http://www.hrratings.com): (i) The internal procedures for the monitoring and surveillance of our ratings and the periodicity with which they are formally updated, (ii) the criteria used by HR Ratings for the withdrawal or suspension of the maintenance of a rating, and (iii) the procedure and process of voting on our Analysis Committee

#### Potential Rating Volatility

#### **Explanation or Measure of Potential Volatility to the Credit Rating – Rule 17q-7(a)(1)(ii)(K)**

The main factors that could lead to the volatility of the rating are:

- **Additional debt issuance:** If the entity issues additional debt, the level of stress that the outstanding debt might be able to withstand could be reduced, which could lead to a decrease in the ratings due to the fact that the ratings are directly associated with this level of stress.
- **Construction risk:** The uncertainty about the performance of a third toll road opening to traffic between 2019 and 2020. If the performance observed at its opening is not as expected in our base or stress projections, our long-term expectations could be affected.
- **Failure to meet transactions, revenues and/or operation and maintenance expenses projections in base or stress scenarios that could lead to a change in flows available for debt service:** In case of suffering any deviation in these projections, the annualized stress rate calculated would also change and therefore the rating may also change.

#### Rating Performance

#### **Historical Performance and Expected Probability of Default and Expected Loss in Event of Default – Rule 17q-7(a)(1)(ii)(L)**

The ratings actions listed on Page 1 are initial credit ratings, and therefore there is no historical performance.



Our credit ratings need to be understood as rankings of the relative creditworthiness of different entities or credits. Creditworthiness takes into consideration both the ability and willingness to meet debt obligations in the manner prescribed in the relevant documentation. Default refers to the noncompliance of previously agreed obligations.

As our ratings measure relative creditworthiness they do not necessarily reflect any specific statistical probability of default. In order to make more valid rankings of creditworthiness our different methodologies will apply stress case scenarios to complement our base case analysis.

#### Sensitivity to Assumptions

##### **Assumptions made by HR Ratings in determining announced credit ratings and examples of how assumptions impact the rating – Rule 17g-7(a)(1)(ii)(M)**

Assumptions:

- **Transactions and Revenues:** Our analysis assumes a certain long-term growth rate in transactions and revenues in a base scenario, the latter constitute the source of payment of both senior and subordinated bonds. Therefore, any deviation from our expectations could lead to an adjustment in the rating.
- **Debt Issuance Policy:** HR Ratings assumes that the CTRMA will follow the policy of debt issuance, in order of not having changes in the debt service coverage ratios required. However, even if these coverage ratios were met, the increase in the debt service could reduce the level of stress that could be applied to the revenues-
- **183 South Project:** This new toll road will behave as expected in our projections, in order to meet the expected transactions and revenues incorporated in our financial model.

#### Representations & Warranties

##### **Representations, Warranties and Enforcement Mechanisms Available to Investors – Rule 17g-7(a)(1)(ii)(N)**

The reporting of representations, warranties, and enforcement mechanisms does not apply to any of the credit ratings listed in this disclosure form.

#### Attestation

##### **Attestation – Rule 17g-7(a)(1)(iii)**

With respect to each credit rating in this disclosure form, Felix Boni, who served on the rating committee and is thus a person with responsibility for each credit rating action announced in the associated Rating Action Commentary, state that to the best of their knowledge:

- No part of the credit rating was influenced by any other business activities;
- The credit rating was based solely upon the merits of the obligor, security or money market instrument being rated and any relevant credit enhancement; and
- The credit rating was an independent evaluation of the risks and merits of the obligor, security or money market instrument and any relevant credit enhancement

This attestation is based on (i) on all relevant material reviewed by the committee chair in connection with each rating action announced in this RAC; (ii) the committee chair's participation in the rating committee that determined each credit rating action announced in this RAC; and (iii) attestations provided to the committee chair by all other voting members of the rating committee as part of the rating process.



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### Business Development

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HR Ratings de México SA de CV (HR Ratings) ratings and/or opinions are opinions of credit quality and/or regarding the ability of management to administer assets; or opinions regarding the efficacy of activities to meet the nature or purpose of the business on the part of issuers, other entities or sectors, and are based exclusively on the characteristics of the entity, issuer or operation, independent of any activity or business that exists between HR Ratings and the entity or issuer. The ratings and/or opinions assigned are issued on behalf of HR Ratings, not of its management or technical staff, and do not constitute an investment recommendation to buy, sell, or hold any instrument nor to perform any business, investment or other operation. The assigned ratings and/or opinions issued may be subject to updates at any time, in accordance with HR Ratings' methodologies.

HR Ratings bases its ratings and/or opinions on information obtained from sources that are believed to be accurate and reliable. HR Ratings, however, does not validate, guarantee or certify the accuracy, correctness or completeness of any information and is not responsible for any errors or omissions or for results obtained from the use of such information. Most issuers of debt securities rated by HR Ratings have paid a fee for the credit rating based on the amount and type of debt issued. The degree of creditworthiness of an issue or issuer, opinions regarding asset manager quality or ratings related to an entity's performance of its business purpose are subject to change, which can produce a rating upgrade or downgrade, without implying any responsibility for HR Ratings. The ratings issued by HR Ratings are assigned in an ethical manner, in accordance with healthy market practices and in compliance with applicable regulations found on the [www.hrratings.com](http://www.hrratings.com) rating agency webpage. There Code of Conduct, HR Ratings' rating methodologies, rating criteria and current ratings can also be found on the website.

Ratings and/or opinions assigned by HR Ratings are based on an analysis of the creditworthiness of an entity, issue or issuer, and do not necessarily imply a statistical likelihood of default, HR Ratings defines as the inability or unwillingness to satisfy the contractually stipulated payment terms of an obligation, such that creditors and/or bondholders are forced to take action in order to recover their investment or to restructure the debt due to a situation of stress faced by the debtor. Without disregard to the aforementioned point, in order to validate our ratings, our methodologies consider stress scenarios as a complement to the analysis derived from a base case scenario. The rating fee that HR Ratings receives from issuers generally ranges from US\$1,000 to US\$1,000,000 (or the foreign currency equivalent) per issue. In some instances, HR Ratings will rate all or some of the issues of a particular issuer for an annual fee. It is estimated that the annual fees range from US\$5,000 to US\$2,000,00 (or the foreign currency equivalent).