



State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387

ADDENDUM #4

RFP #7551188
MAINTAIN

TITLE: TOLL FACILITIES – DESIGN, BUILD, OPERATE AND

SUBMISSION DEADLINE: 2/17/17 – 11:30 A.M.

See attached.

Lisa Hill

Lisa Hill
Chief Buyer



State of Rhode Island
 Division of Purchases
 One Capital Hill
 Providence, RI 02908

"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER: 7551188
BID TITLE: RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
PRE-BID DATE AND TIME: RIDOA Conference Room A, January 4, 2017 at 1:00 PM

Purchasing Representative:

Pre-bid START TIME:

Pre-bid END TIME:

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
VHB	Don Cooke	1 Cedar St. Providence, RI	dcooke@vhb.com	607-794-0367	-	
VHB	Pete Hsu	"	ppavoo@vhb.com	401-272-8100	-	
Kapsch	Chris Body	8201 Greenburg Dr.	chris.body@kapsch.net	301-535-1563		
KLARSH	JASON STEWART	"	jason.stewart@kapsch.net	206-351-2598		
Kapsch	Paul McKeever	"	Paul.McKeever@kapsch.net	972-207-9398		
White	Paul Cannon	FARMINGTON MASS	PGR.MAI@JFWHITE.COM	774 307-0761		
F.P.	Charles Gusto	177 N. Main St	custo@f.p.			
SKE	TIAGO KALIAK	USA	TKALIAK@SKE.COM	514-803-1017		
CON SMITH	JOSEPH BARBARA	300 EXCHANGE PROV. CT	BARBARA@CONSMITH.COM			
M. Gupta	Gautam M. Gupta	115 West. Blvd.	m.gupta@gmt.com			
VHB	Ronald Hartman	1 Cedar St Prov. RI	RHartman@VHB.COM	401-457-2033		
RAYTHEON	MARIN DESMARRES	1001 Boston Ave. Providence, RI	MARIN-DESMARRES@RAYTHEON.COM	509-509-5482		
GM2	Fred Vincent	83 Fromental St. Providence, RI	FVincent@gm2inc.com	401-644-3021		
GM2	LEW CANNON	115 GASTONBURY BLVD GASTONBURY, CT	Lcannon@gm2.com	860-659-1416		
J.F. White	Michael Turcotte	10 Boer St. Farmington, MA	mturcotte@jfwwhite.com	617-721-1964		



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BID NUMBER: 7551188
 BID TITLE: RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
 PRE-BID DATE AND TIME: RIDOA Conference Room A, January 4, 2017 at 1:00 PM

Purchasing Representative: LC
 Pre-bid START TIME: 1:10 P.M.
 Pre-bid END TIME: 1:39 P.M.

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
Verizon	Dennis Manning		Dennis.Manning@verizon.com	774-334-2531		
Verizon	Mike Piza		Michael.A.Piza@verizon.com	347-451-7274		
Verizon	Pete Giannano		Peter.Giannano@verizonwireless.com	860-336-6000		
Gannett Fleming	Tom Daley		tdaley@gfnet.com	781-326-4605		
-	Fred Kho		fkho@gfnet.com	215-757-0106		
TRAFFIC OPTIONS	JOHN COLANZOS		TRAFFIC OPTIONS	617 901 7997		
TRAWSCORE	RICHARD WALTON		TRAWSCORE	781 700 2444		
Manulife Brothers	Jason Lafarge		Richard.Walton@trawscore.com			
TRAWSCORE	Ron Rahn		Jason.lafarge@manulife.com	401-333-2550		
WSP LAB	Rebecca Nemat		ron.rah@trawscore.com	774-321-7002		
BRISA	TIM MURKIN		rebecca.nemat@wspcorp.com	914 947 1120		
FANFUI	SCOTT SORANSEN		timothy@brisa.com	571-315-1086		
BRISA INNOVATE	JOSE MEDRINO		SCOTT.SORANSEN / FANFUI	757 915 6680		
HEA	Michael Lata		JOSE.MEDRINO	4351 962524207		
Raytheon	Dan D'Inenzo		Michael.Hoyner@heas.com	617-797-4694		
PERCEPTICS	JENNIFER SHERBLOM		Dan.D'Inenzo@raytheon.com	508-259-7259		
			JENNIFER.SHERBLOM@PERCEPTICS.COM	508-703-3353		



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BID NUMBER: 7551188
 BID TITLE: RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
 PRE-BID DATE AND TIME: RIDOA Conference Room A: January 4, 2017 at 1:00 PM

Purchasing Representative: L/A
 Pre-bid START TIME: 1:10 P.M.
 Pre-bid END TIME: 1:39 P.M.

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
17	Linden Brothers	600 Federal Rd Providence, RI 02908	josue@lindenbrothers.com	781-293-2100		
18	↓	↓	↓	↓		
19	Barletta	40 Stewart Rd Centon, MA 02021	tday@barletta.com	781-821-6222		
20	D'AMBRO	800 JEFFERSON BVD WARWICK, RI	FRED@D-AMBRO.COM	401-737-1300		
21	AFCO 7	200 Apollo Dr. Sturmsford MA	antonio.santoro@afco.com	978-805-2383		
22	AETNA BEIGE	100 JEFFERSON BLD. WARWICK, RI	JEFF@AETNABEIGE.COM	401-728-0400		
23	COBURN	Gerardtown MD	james.gary@coburn.com	301-525-1206		
24	CONCRETE	"	gerald.jameson@concrete.com	845-576-4542		
25	JAI, INC	Concord, RI	FML@JAI.COM	630-293-9377		
26	JH Lynch	50 Lynch Ave Providence, RI	Sels@JHlynch.com	333-4300		
27	Bryant Associates	640 George Washington Providence, RI	tbryant@bryantassoc.com	877-410-6633		
28	Richard D. Matthei	↓	↓	574-5123		
29						
30						
31						
32						



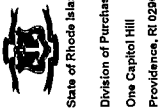
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BID NUMBER: 7551188
BID TITLE: RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
PRE-BID DATE AND TIME: RIDOA Conference Room A: January 4, 2017 at 1:00 PM

Purchasing Representative: LSA
Pre-bid START TIME: 1:10 P.M.
Pre-bid END TIME: 1:39 P.M.

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
Hilly Smith	Jim Kennedy	Columbus OH	Jim.Kennedy@hillsandsmith.com	865 712	Same	
emovis	Paul Leghart	Westbury, NY	paul.leghart@emovis.us	516-353-6306	Same	
emovis	Christian PATTIE	577 11th, Fran	christian.pattie@emovis.com	507 364105	Same	
AIECOM	Bob Wright	100 MISSOURI	Robert.Wright@AIECOM.com	401 854-2924	Same	
Fabiani Group	J. Fabiani	177 North Main Street	J.Fabiani@fabianigroup.com	701-261-5811	Same	
AEINA Group	Sydney Barrows	100 Jefferson Blvd	Sydney@aeinagroup.com	428.7200		
John Succarelli	Rossi Electric Co	65 West 4th St	jsuccarelli@rossielectric.com	205 2731	Same	
Rob Kachtele	Ross Electric	65 WEST 4TH ST	R.Pachtele@rossielectric.com	946 8866	Same	
CON Smith	Kevin Workman	191 Clark St	Kevin@consmith.com	203-430-8717		
RANDY JASON	RGB ALUMINUM	50 HUNTERS J. Pkwy	RANDY@RGBALUMINUM.COM	401 323 3755		
Acumentrics	Steve Corbesero	10 Wampole Park South	Steve@Acumentrics.com	508 530 2553		
Turbo Group	David Ginzburg	434 Smith St	dginzburg@turbogroup.com	401-275-5840	Same	
Margela Beckner						
ACLU	Marcela Beckner	178 Dorrance St	mbeckner@aclu.org			



State of Rhode Island
 Division of Purchases
 One Capitol Hill
 Providence, RI 02903

"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER: 7551188
 BID TITLE: RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
 PRE-BID DATE AND TIME: RIDOA Conference Room A, January 4, 2017 at 1:00 PM

Purchasing Representative: LH
 Pre-bid START TIME: 1:10 P.M.
 Pre-bid END TIME: 1:39 P.M.

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
49	CONDUENT	420 GAITHERY ST NORTH BARRINGTON	BOB FRANK @ CONDUENT.COM	508-733-2722		
50	RAYTHEON	MARLBOROUGH MA	WASEM.NARUI @RAYTHEON.COM	508-490-3635		
51	Carroll Conroy	400 Lynden Ave Warren, RI 02886	AMESITIA@CARROLLCONROY.COM	401-739-8300		
52	JACOBS	106 VALLEY ST PROVIDENCE, RI	Thomas.Cabana @JACOBS.COM	401-872-1969		
53	JACOBS	166 Wiles St Providence, RI	James.Johns@ jacobson.com	203-506-6861		
54	DOT	2 Capital Hill	angel.garcias@ dot.ri.gov	222-2495		
55	DOT	2 Capital Hill	lucy.murray@ dot.ri.gov	401-222-2495		
56	DOT	2 Capital Hill	vanessa.crum@ dot.ri.gov	401-222-2495		
57						
58						
59						
60						

January 10, 2017

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF TRANSPORTATION

BID NO. 7551188
REQUEST FOR PROPOSALS
**RHODEWORKS TOLL FACILITIES –
DESIGN, BUILD, OPERATE, MAINTAIN
STATEWIDE, RHODE ISLAND**

NOTICE TO PROSPECTIVE RESPONDENTS

ADDENDUM NO. 4 – Prospective Respondents and all concerned are hereby notified of the following clarifications with regard to the Request for Proposals for the RhodeWorks Toll Facilities – Design, Build, Operate, and Maintain project. This Addendum shall be incorporated in the Respondents' Proposal, and shall become an integral part of the final Contract Document.

If any discrepancy occurs between verbal responses given during the 1/4/17 Pre-Proposal Meeting and this ADDENDUM NO. 4, responses in the ADDENDUM NO. 4 shall govern.

A. ADDITIONS

A RIDOT project is currently under design in the vicinity of Proposed Gantry 8e and 8f (Location 8 – I-295 in Johnston). The attached 5 PAGE document entitled "*Public Informational Workshop for Proposed Interchange at I-95 and Greenville Avenue (Route 5)*" dated 12/19/16 inclusive of mapping attachments shall provide an overview of the Interchange Project and shows the potential changes to the base condition under the two options within the report. As the Interchange is planned to be in construction during the construction of the Toll Facilities Project, coordination between the Contracts will be required.

B. DELETION

RIDOT has **DELETED** the rear image capture requirement. The attached AET performance requirements REV. 1/10/17 as listed in the RFP Section II-2.8 have been revised to reflect this deletion.

C. REVISION

Attached **Form B – Participant Industrial Safety Record REV 1/10/17** shall replace previously provided Form B in its entirety.

D. ATTENDANCE SIGN-IN: Pre-Proposal Meeting 1/4/17

Attached to this ADDENDUM NO. 4 is a courtesy copies of the Attendance Sign-In Sheet for the **Pre-Proposal Meeting** held on January 4th, 2017.

E. PRE-PROPOSAL Q &A: Questions (14) asked by Attendees at Pre-Proposal Meeting 1/4/17.

1. **Q** – Can DBE requirements be fulfilled if working as a Subcontractor to another Subcontractor and still satisfy DBE requirements?

A – YES. As long as contractual relationship between firms is disclosed and proper RI DBE Certification is provided for RIDOT review.

2. Will there be any formal site/field inspections provided by RIDOT?

A – NO. Formal site visits will not be undertaken by RIDOT. PROPOSERS are welcome to perform independent site visits and most of the sites are accessible through secondary roadways. However, a Traffic Control Plan Permit is required to access sites from the freeway.

3. **Q** – Who is responsible for the communications infrastructure – would a wireless network acceptable?

A – The PROPOSER will decide network infrastructure to meet project requirements.

4. **Q** – Will the RIDOT pay for the annual utility and communications costs or will this be the responsibility of the Contractor?

A – The PROPOSER shall be responsible for annual utility and communications costs.

5. **Q** – How should the PROPOSER determine what work is considered Construction Qualifying Work, Design Qualifying Work and Operation and Maintenance in regards to determining the DBE values?

A – Each RI Certified DBE is qualified under specified types of services as cited on the State MBE website and documented in their certification letters. These would be the qualifying services which would be counted toward the type of work assignment they would be performing under the Project.

6. Q – What was the purpose for a fixed bond for 10 year maintenance term as opposed to an annually renew bond?

A – RIDOT is reviewing this question and a formal response will be provided in a subsequent Addendum and also to bonding queries posted on RIDOT Q&A portal.

7. Q – The performance table in the RFP states a requirement related to rear image capture however the RFP does not seem to specify anywhere else the requirement for rear image capture. Can you please clarify if rear image capture is required?

A – We have previously stated that rear images will be required, however, we are DELETING this requirement. The AET performance requirements (as listed in the RFP Section II-2.8) will be updated to reflect this change under future addendum.

8. Q – Who will be responsible for the utility coordination during deployment?

A – The PROPOSER shall be responsible for all utility coordination.

9. Q – Regarding the requirement for a RI registered PE, is every team member required to have a RI registered PE?

A – The professional entity providing the civil design plans for the Project would be subject to this requirement. Evidence of the RI PE License for the individual and the required Certification for Consultant Firm must be made part of the Technical Proposal.

10. Q – What happens if power cannot be brought to the site?

A – The PROPOSER shall be responsible for all utility coordination and bringing power to the tolling sites.

11. Q – Would RIDOT consider “fast tracking” certain reviews to help expedite the schedule?

A – All RIDOT reviews will be performed concurrently and RIDOT will work with PROPOSER to expedite reviews.

12. Q – Can you clarify what transaction processing will be done by the PROPOSER compared to the RITBA CSC?

A – The PROPOSER will be responsible for compiling fully formed transactions for both E-ZPass and video customers and transmitting those to the RITBA CSC. Under Phase I the PROPOSER will not specifically be required to perform image review (i.e. to determine plate number, state and type). This will be completed by the RITBA CSC. Under Phase II as part of the final system design and operations the Contractor will be responsible for completing all image review in order to transmit/send a completed transaction (both E-ZPass and Video) to the RITBA CSC for processing.

13. Q – Can you clarify the requirement for classifying “non-Large Commercial Vehicles (LCVs)”?

A – The purpose of classifying non-LCVs is to use this transaction data to provide additional information in performing system audits to ensure proper assignment of toll charges to LCVs and not to any other vehicles.

14. Q – Would there be some consideration by RIDOT in the event the PROPOSER is delayed or suffers loss due to vandalism during the deployment phases?

A – As stated in Section 13 of the RFP, please see Section 104.14 of the RIDOT Blue Book Section 104.14 regarding the Contractor’s Responsibility for the Work.

APPROVED:

David W. Fish, P.E.
Chief Engineer of Infrastructure

DATE

Public Informational Workshop

Proposed Interchange

AT

Interstate Route 295 (I-295) AND Greenville Avenue (State Route 5)

Town of Johnston, Rhode Island



December 19, 2016



Department of Transportation
Two Capitol Hill
Providence, RI 02903

Office 401-222-2450
Fax 401-222-3905

December 19, 2016

The Rhode Island Department of Transportation (RIDOT) is conducting a transportation study and preparing an Environmental Assessment (EA) for this improved access to the Interstate Highway System. The proposed action at this time is to construct a new interchange at this location that will provide all traffic movements between I-295 and Greenville Avenue. This project is being undertaken to address planned future development in this area – most notably a major commercial bank campus and regional operations center on Greenville Avenue, just west of I-295 – and to provide traffic congestion relief along existing arterial roads and at major intersections in the vicinity.

The RIDOT is responsible for the planning of transportation facilities to manage expected future traffic flows in a safe and efficient manner. Based on the studies conducted to date, construction of a new interchange at this location will provide improved local/interstate access and accommodate projected traffic volumes at high levels of service. A new highway interchange at this location will also serve to alleviate congestion at the I-295/U.S. Route 44 (Exit 7) interchange to the north and to achieve reductions in congestion along other heavily traveled roadway corridors in the area, including Route 5 (Atwood Avenue) near its interchange with the freeway segment of U.S. Route 6, approximately 2 miles southeast of the proposed interchange.

This document provides a brief description of our study and the improvement alternatives being considered and solicits your input on the project. As part of the process moving forward, the RIDOT will be releasing the EA in accordance with the requirements of the National Environmental Policy Act (NEPA). Our ultimate goal is to provide improvements to this area and meet the projected transportation needs while minimizing environmental impacts.

Should you wish to provide comments on the project, please do so by mail, email or fax (see attached form) and ensure that they are submitted no later than January 18, 2017.

Thank you for attending this Public Workshop. We look forward to hearing from you soon.

Sincerely,

John Travassos
Administrator, Division of Project Management

PURPOSE AND NEED

The Rhode Island Department of Transportation (RIDOT) is proposing to construct a new interchange providing access between Interstate 295 (I-295) and Greenville Avenue (State Route 5) in Johnston, Rhode Island. Presently, the interstate highway spans over Greenville Avenue at the approximate midpoint between Exit 6 (U.S. Routes 6 and 6A) to the south and Exit 7 (U.S. Route 44) to the north. The purpose for the project is to provide improved transportation access and promote planned and future economic development projects in the communities of Johnston and Smithfield along the I-295 corridor. The project is needed to minimize or alleviate existing and potential future adverse operational and safety impacts along I-295, specifically at Exit 6 and Exit 7 servicing these communities.

Over the past several years, continued commercial development along Route 44 in Smithfield (to the immediate west of the I-295 corridor) has gradually exacerbated peak hour queuing (traffic back-up) along the two Exit 7B off-ramps that provide access from I-295 to Route 44 West. Route 44 in the area of this interchange was recently upgraded by the RIDOT to include realignment of an off-ramp, additional turning lanes and an optimized, coordinated arterial traffic signal system. While these infrastructure modifications have improved overall operations, heavy peak hour volumes at the interchange (a confluence of daily commuter traffic mixing with peak retail/commercial traffic) result in ramp queues that can extend onto the I-295 northbound and southbound mainlines during these periods. This condition poses a particular safety hazard whereby stopped vehicles could extend into the travel lanes of the freeway, markedly increasing the risk of side and rear-end collisions.

Continued commercial growth is also projected to occur in the Towns of Johnston and Smithfield in the near future. Spurred in part by proximity and connectivity to the interstate, major development projects along the Route 5, Route 6/6A, and Route 44 corridors are planned or currently under local review. Most recently approved within the Town of Johnston is the proposed corporate campus for Citizens Bank on the north side of Greenville Avenue, west of I-295. That project and others in the area are expected to increase traffic on I-295 and at the Exit 6 and Exit 7 interchanges, and, left unmitigated, will further compound the adverse queuing conditions at the Route 44/I-295 (Exit 7) interchange.

A new interchange at Greenville Avenue between Interchange Exits 6 and 7 will provide an alternative means of access to the Route 5 corridor, thereby relieving congestion and queuing at the adjacent interchanges that presently service these communities. With an additional access to the interstate in this area, traffic destined to and from the interstate will be dispersed more evenly onto the local arterials, reducing congestion and improving safety along the I-295 corridor and the associated ramp systems.

ENVIRONMENTAL ASSESSMENT

RIDOT is preparing an Environmental Assessment (EA) of the proposed project in conjunction with the U.S. Department of Transportation, Federal Highway Administration (FHWA), which has oversight of activities affecting the Interstate Highway System. All work is being conducted in accordance with applicable state and federal regulations and guidelines, including those pursuant to the National Environmental Policy Act.

Based on the nature and scale of the transportation action under consideration, the EA is being prepared to determine whether or not the proposed action would significantly affect the environment and to assess project alternatives and their anticipated impacts across a range of social, economic and environmental factors. The purpose of the EA is to establish the project purpose and need, develop and evaluate alternatives, analyze each alternative in terms of the traffic safety and operational improvements, and identify the level of social, economic and natural resource impacts that would be expected to result from each alternative. The objective is to strike a balance among transportation needs, costs, and environmental impacts.

ALTERNATIVES

Variations on an interchange configuration at I-295 and Greenville Avenue are being considered, taking into account how projected traffic needs are best served in a manner that avoids or minimizes impacts to the natural and built environment to the greatest extent possible. Following an initial screening process of potential interchange types as to their practicability at this location, two interchange configurations were identified as feasible build alternatives for consideration in the EA.

The first configuration under consideration is referred to as a diamond interchange and is shown in the following graphics. This is considered the most straightforward and basic type of interchange, generally requiring the least amount of space. In this case, the preliminary design shown is that of a compact diamond interchange (also referred to as a tight diamond interchange or a compressed diamond interchange), designed to minimize environmental impacts to the surrounding natural environment and to minimize the need for additional right-of-way that would have to be acquired by the State. Under this alternative, the new interchange ramps can be constructed within the existing right-of-way of I-295, without the need for property acquisitions. In conjunction with the ramps, approximately a half-mile of Greenville Avenue, extending from the bank campus access roads easterly through the I-295 interchange, would be widened.

The second interchange configuration under consideration is known as a diverging diamond interchange (DDI), or double crossover diamond interchange. A relatively new type of interchange design which is increasingly being used throughout the United States, a DDI is a type of diamond interchange in which the two directions of traffic on the non-interstate crossroad cross to the left of each other through the interchange area. The DDI design is unconventional in that it requires traffic on the intersecting roadway at the interchange to briefly drive on the opposite (left) side of the road, separated from opposing traffic by a median island. This design provides simpler traffic operations by more efficiently facilitating heavy left-turn movements through the elimination of left turns against opposing traffic. With a DDI, most turning movements are controlled by traffic signals. As with the conventional diamond interchange, the DDI alternative also requires the widening of and improvements to approximately one-half mile of Greenville Avenue. A greater total land acquisition and a greater number of right-of-way acquisitions (from eight separate properties) would be required to implement the DDI.

In addition to the above two interchange configurations, RIDOT has also studied the upgrading of the existing highway system in the project area as an alternative to a new interchange.

Finally, a “no-action” (often referred to as “no-build”) alternative is also considered in the EA as a baseline for comparison. Such an alternative would effectively incur no direct environmental impact since the interchange would not be constructed. However, current and future surface transportation needs of the study area would not be addressed, allowing the adverse traffic conditions at Exit 7 to persist. Continued development within the study area would place further strain on the existing roadway network – many elements of which currently operate at or near capacity –resulting in increased congestion and poor levels of service.

COMPARISON OF KEY ENVIRONMENTAL IMPACTS AND TRAFFIC OPERATIONS

The no-build alternative involves no improvements to the roadway network. Therefore, there are no environmental impacts associated with the construction of new facilities. Since the upgrade alternative would involve improvements only to key intersections within already highly-developed areas, the only expected environmental impacts would be minor right-of-way acquisitions that would likely be required to widen the roadway approaches at these intersections.

The two interchange alternatives described above and shown on the graphics involve the construction of new ramps. Between these two alternatives, there are differences in the impacts to the natural and built environment in the project study area because the diverging diamond interchange shown as Alternative 2 is not as compact as Alternative 1 and, therefore, requires more space to construct. The differences between these options in key environmental categories are shown in the table on the following page.

Regarding impacts to the social, economic and natural environment of the study area, the conclusions reached to date in the EA studies indicate that neither of the interchange alternatives under consideration will have significant impacts. For most of the categories examined, both alternatives are the same. The key differences are those shown in the table. The only category of impact that may require mitigation is the wetlands filling shown. The need for and the nature of acceptable mitigation for the unavoidable filling of wetlands will be established through the environmental permitting process required through the RI Department of Environmental Management (RIDEM). Those determinations will be made during the design process for the preferred alternative.

A new interchange at the crossing of I-295 and Greenville Avenue will, most importantly, provide improvements to the traffic operations on I-295 for the projected conditions. This new interchange between the existing Exits 6 and 7 will provide an alternative means of access to the Route 5 corridor, while also relieving congestion and queuing at the adjacent interchanges that presently service these communities. With this additional access to I-295, traffic destined to and from the interstate will be dispersed more evenly onto the local arterials, reducing congestion and improving safety along the I-295 corridor.

In addition to improvements to traffic operations on the interstate, a new interchange will also reduce traffic volumes on the local streets. Shown on the graphic that follows the interchange options is a comparison of the projected traffic volumes on the two local streets that will carry the heaviest volumes from the Citizens corporate campus, specifically Greenville Avenue and Atwood Avenue, south of

Greenville Avenue. The volumes shown in that graphic for the future years 2020 and 2040 include traffic from a fully operational corporate campus for Citizens.

A new interchange will provide significant improvements at key intersections in the project area. Also shown in the following table (as well as on the final graphic) are comparisons in projected Levels of Service at selected key intersections.

Category	Alt. 1 – Diamond Interchange	Alt.2 – Diverging Diamond Interchange	No-build Alternative			
<u>Wetlands</u>						
Area of Filling	4,187 S.F.	29,860 S.F.	Since the No-build Alt. does not involve construction of new facilities, it does not carry costs or produce environmental impacts.			
New Stream Crossing	No	Yes (Assapumpset Brook)				
<u>Right-of-way acquisition</u>						
Number of parcels/area	1 voluntary transfer/ 17,723 S.F. (for Greenville Avenue widening)	1 voluntary transfer/ 23,015 S.F. (for Greenville Avenue widening)				
Total Right-of-way Req'd	17,723 S.F.	7 other parcels/27,995 S.F. 51,010 S.F.				
<u>Est. Construction Cost</u>	\$5,050,000	\$5,800,000				
<u>Traffic Operations at Key Signalized Intersections (Level of Service)</u>						
<u>Location</u>	<u>2040 AM Peak Hour</u>	<u>2040 PM Peak Hour</u>	<u>2040 AM Peak Hour</u>	<u>2040 PM Peak Hour</u>	<u>2040 AM Peak Hour</u>	<u>2040 PM Peak Hour</u>
Atwood Ave./Greenville Ave.	A	A	A	A	C	A
Route 44/Sanderson Rd.	C	D	C	D	F	D
Greenville Ave./Citizens Site	A	B	A	B	A	B
Greenville Ave./Northbound Ramps	B	B	A	A	N/A	N/A
Atwood Ave./Hartford Ave.	C	D	C	D	F	F

Note:

LOS is rated as A through F, with LOS A representing the best of conditions with very little average delay and LOS F representing congested conditions with high average delays. The delay ranges for the various levels of service are as follows:

- LOS A less than or equal to 10 seconds
- LOS B >10-20 seconds
- LOS C >20-35 seconds
- LOS D >35-55 seconds
- LOS E >55-80 seconds
- LOS F >80 seconds

PUBLIC COMMENT

In the development of the EA, RIDOT has engaged in early coordination with appropriate agencies, including formal correspondence with the Rhode Island Historical Preservation and Heritage Commission and meetings with RIDEM. These efforts have also included the mailing of an informational brochure dated October 5, 2016 (similar in form and content to this document), to agencies, interest groups, state and local officials, and residents within one-half mile of the I-295/Greenville Avenue crossing (242 brochures mailed).

This Public Informational Workshop is being conducted as part of the Environmental Assessment process and in accordance with RIDOT's approved Public Involvement Plan. Our purpose is to present the project and to invite interested parties to offer input regarding the perceived need for improvements and the alternatives that are being considered. A form for the submission of written comments is provided following the graphics. Comments may also be submitted by email to John.Travassos@dot.ri.gov or by fax to (401) 222-3435. It is requested that all comments be provided by January 18, 2017. If a public hearing is requested, such a request should be made in writing to John Travassos, Administrator, Division of Project Management, RIDOT, Two Capitol Hill, Providence, RI, 02903 by January 2, 2017.

SCHEDULE

The transportation and environmental studies for this project are still under evaluation. The Environmental Assessment (EA) is expected to be made available for public viewing and comment shortly. Notice of the availability of that document will be published in local newspapers and posted on RIDOT's website and those of the Towns of Johnston and Smithfield. The final selection of a preferred alternative will be made following the EA review period and due consideration of public and agency comments received.



LEGEND	
	IJR STUDY ROADS
	IJR STUDY INTERSECTION
	TOWN BOUNDARY

SOURCE: RIGIS

	RHODE ISLAND DEPARTMENT OF TRANSPORTATION PROPOSED INTERCHANGE INTERSTATE ROUTE 295 AT GREENVILLE AVENUE (ROUTE 5) JOHNSTON, RHODE ISLAND	 NO SCALE
	PROJECT LOCATION MAP	
	DRAFT	



LEGEND	
---	E.S.H.L.
---	PROPERTY LINE
---	FLAGGED WETLAND EDGE
---	RIVER / STREAM
---	N.S.H.L.
---	PROP. EDGE OF PAVEMENT
50/71 - PLAT No./LOT No.	

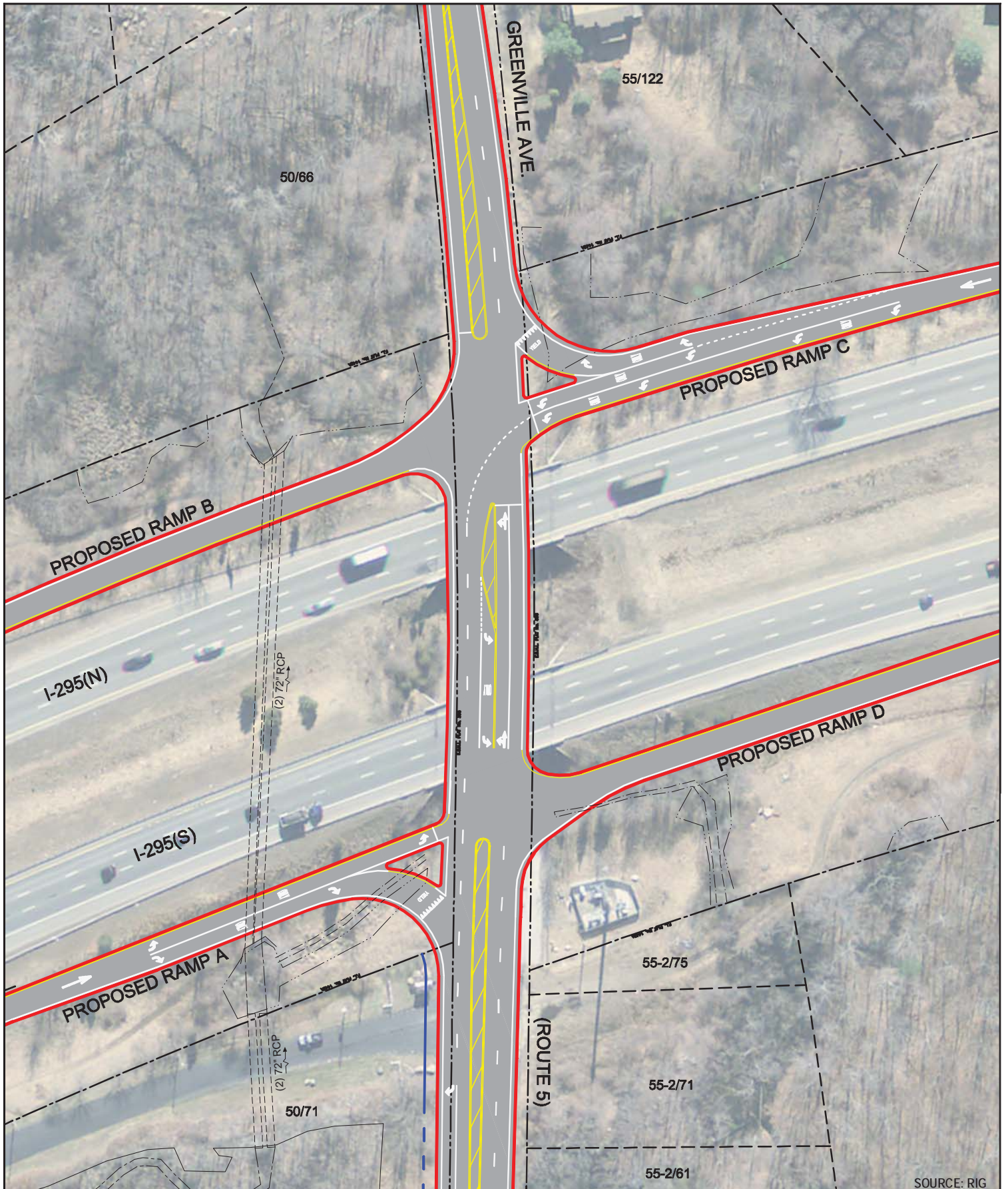
SOURCE: RIGIS



RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PROPOSED INTERCHANGE
 INTERSTATE ROUTE 295 AT GREENVILLE AVENUE (ROUTE 5)
 JOHNSTON, RHODE ISLAND

ALT. 1 - CONCEPTUAL DIAMOND INTERCHANGE ALTERNATIVE

DRAFT



SOURCE: RIG



RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PROPOSED INTERCHANGE
 INTERSTATE ROUTE 295 AT GREENVILLE AVENUE (ROUTE 5)
 JOHNSTON, RHODE ISLAND



ALT. 1 - CONCEPTUAL DIAMOND INTERCHANGE ALTERNATIVE

DRAFT



RHODE ISLAND DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCHANGE
 INTERSTATE ROUTE 295 AT GREENVILLE AVENUE (ROUTE 5)
 JOHNSTON, RHODE ISLAND

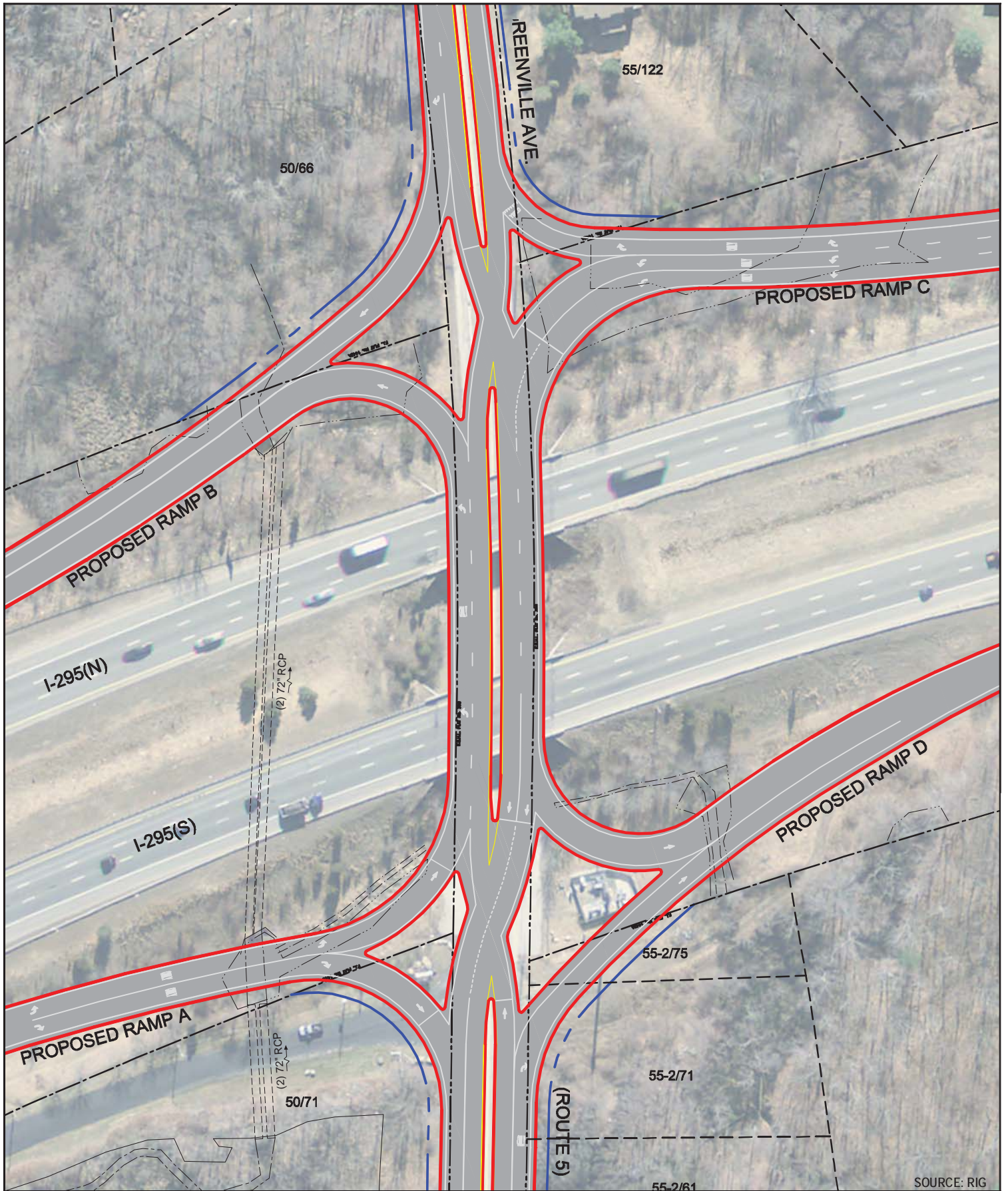
ALT. 2 - CONCEPTUAL DIVERGING DIAMOND INTERCHANGE ALTERNATIVE

LEGEND	
	E.S.H.L.
	PROPERTY LINE
	FLAGGED WETLAND EDGE
	RIVER / STREAM
	N.S.H.L.
	PROP. EDGE OF PAVEMENT
50/71 - PLAT No./LOT No.	

SOURCE: RIGIS



DRAFT



RHODE ISLAND DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCHANGE
 INTERSTATE ROUTE 295 AT GREENVILLE AVENUE (ROUTE 5)
 JOHNSTON, RHODE ISLAND

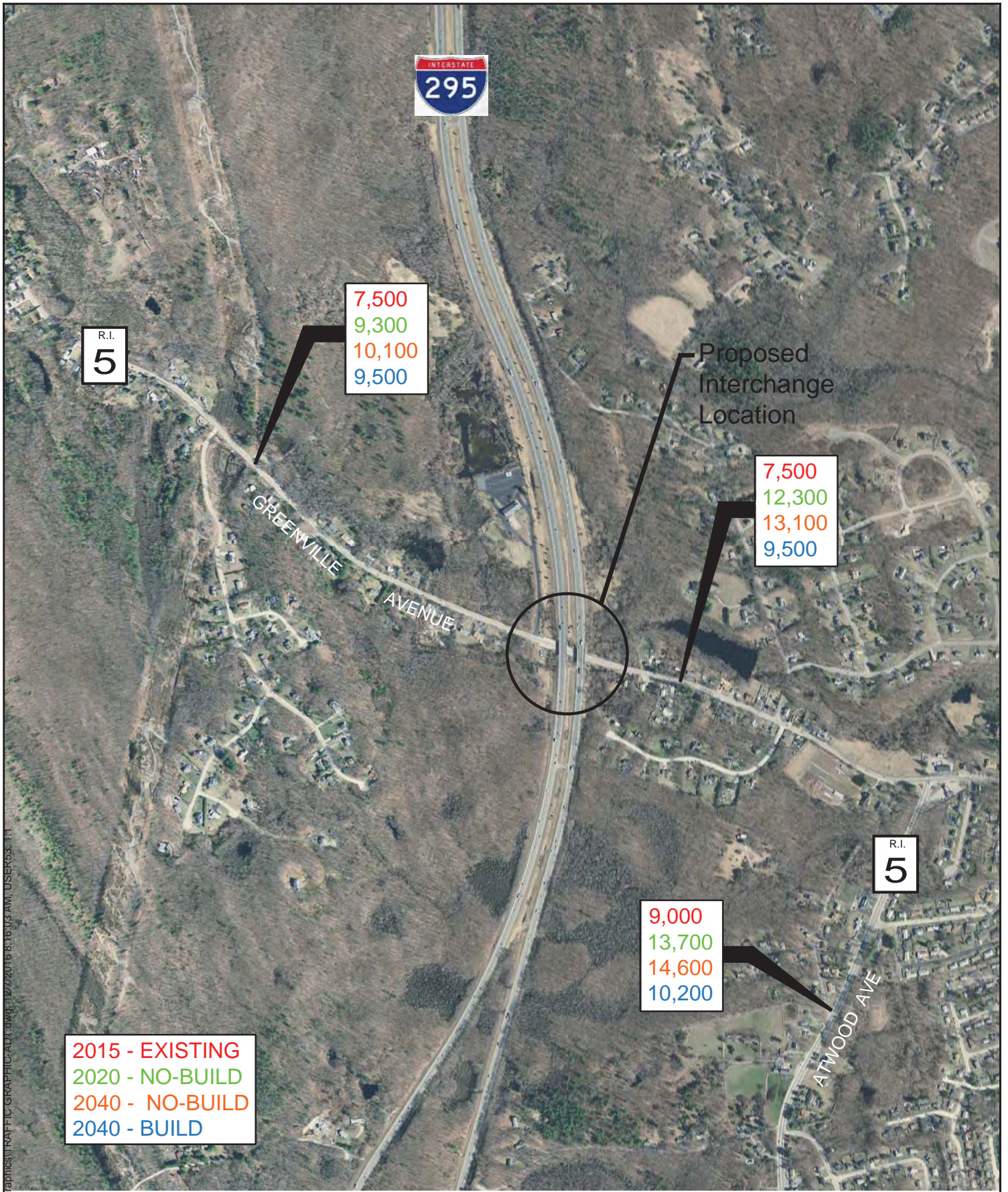
SOURCE: RIG



NO SCALE

ALT. 2 - CONCEPTUAL DIVERGING DIAMOND INTERCHANGE ALTERNATIVE

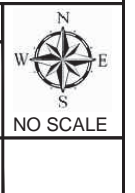
DRAFT



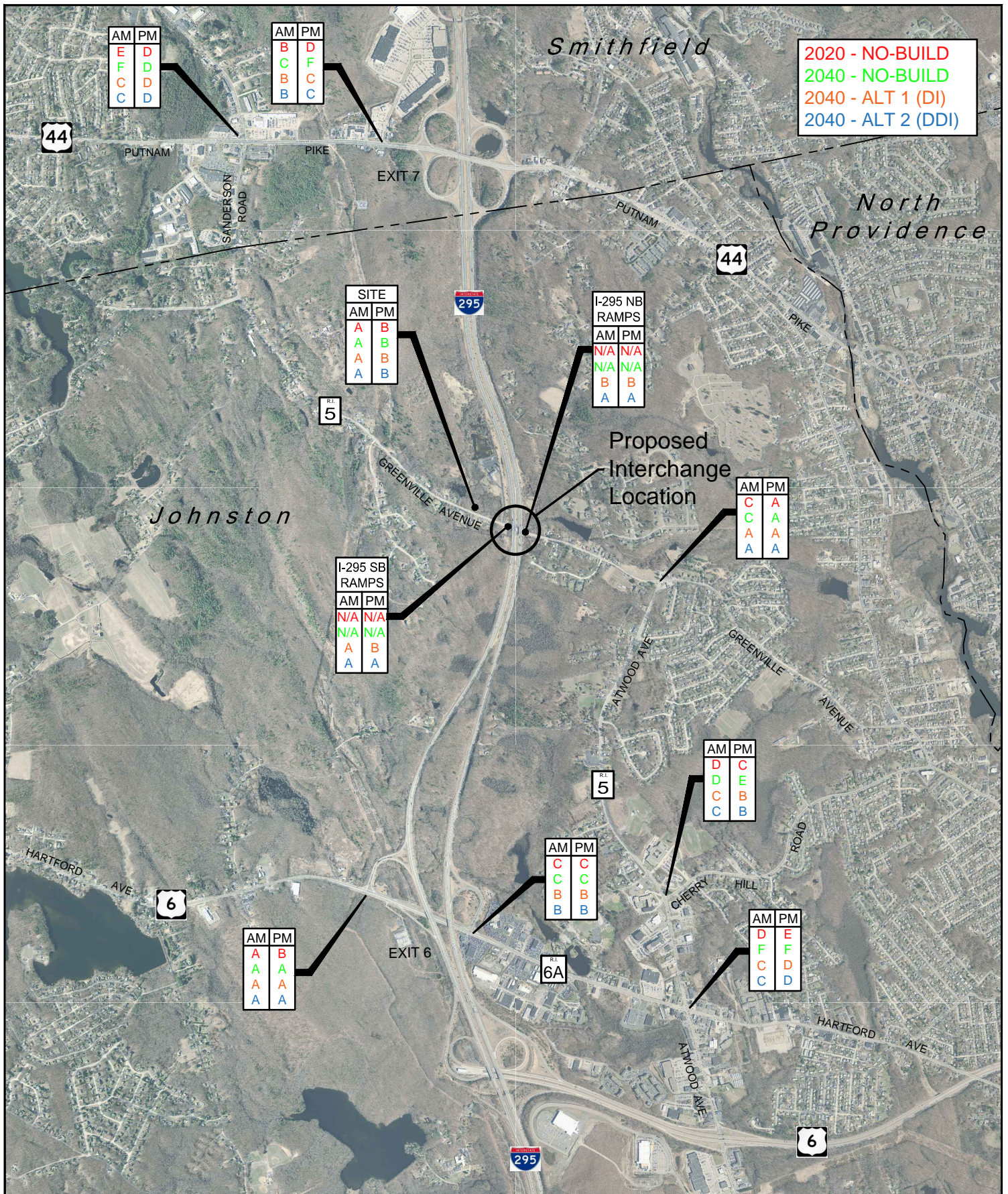
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCHANGE
 INTERSTATE ROUTE 295 AT GREENVILLE AVENUE (ROUTE 5)
 JOHNSTON, RHODE ISLAND

AVERAGE DAILY TRAFFIC VOLUMES (ADT)



FILES/CAD/18351/express/TRAFFICGRAPHIC/AUT_GWB_1/27/2016 8:16:03 AM, USER:G53_11



RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PROPOSED INTERCHANGE
 INTERSTATE ROUTE 295 AT GREENVILLE AVENUE (ROUTE 5)
 JOHNSTON, RHODE ISLAND



PROJECTED TRAFFIC LEVELS OF SERVICE

Rhode Island Department of Transportation

REQUEST FOR PROPOSALS

RhodeWorks Toll Facilities - Design, Build, Operate and Maintain

II-2.8 AET SYSTEM PERFORMANCE REQUIREMENTS

The AET system shall meet the accuracy requirements described below in Table II - 1: AET Performance Requirements.

Table II - 1: AET Performance Requirements

AET Performance Requirements			
ID	Requirement	Description	Performance
Group A –Tag Read & Transaction Processing			
1	Toll Zone Controller Accuracy	The TZC shall correctly correlate and create a transaction for each vehicle that passes through the toll zone.	≥ 99.95%
2	Transponder Read Accuracy	Correctly read all IAG protocol (TDM) transponders (including all form factors) that pass through the toll zone.	≥ 99.98%
3	Transponder Association Accuracy	Correctly correlate all IAG protocol (TDM) transponder reads (including all form factors) to each vehicle that passes through the toll zone.	≥99.95%
Group B - Vehicle Classification Accuracy			
4	Vehicle Detection Accuracy	Correctly detect all vehicles that pass through the toll zone.	≥ 99.99%
5	Tier 1 - Vehicle Classification Accuracy	Correctly classify all FHWA class 1 through 3 vehicles* that pass through the toll zone.	≥ 99.95%
6	Tier 2 - Vehicle Classification Accuracy	Correctly classify all FHWA class 4 through 7 vehicles* that pass through the toll zone.	≥ 99.8%
7	Tier 3 - Vehicle Classification Accuracy**	Correctly classify all FHWA class 8 through 13 vehicles* that pass through the toll zone.	≥ 99.5%

Rhode Island Department of Transportation

REQUEST FOR PROPOSALS

RhodeWorks Toll Facilities - Design, Build, Operate and Maintain

Group C - Image Capture Capability			
8	Front Image	Correctly capture and correlate at least one front , human readable license plate per vehicle in FHWA class categories 8 through 13 that pass through the toll zone.	≥99.5%
9	Overview Image	Correctly capture and correlate at least one human readable overview image per vehicle for all classes that pass through the toll zone.	≥99.99%
10	Rear Image	Correctly capture and correlate at least one rear, human readable license plate per vehicle in FHWA class categories 8 through 13 that pass through the toll zone.	≥99%
Group D – AET Roadside and Subsystem Availability			
11	AET Availability and Reliability	The AET Roadside System or subsystems (measured separately) shall be available expressed as a percentage calculated on a 30 calendar day basis per toll zone.	≥ 99.9%
<p>* As defined by FHWA Traffic Monitoring Guide, Appendix C1- Vehicle Types. **Classes 8 and 10 shall also discriminate between LCV's being towed by a Truck or Tractor as defined by FHWA.</p>			

The Contractor shall validate compliance to the accuracy requirement by collecting data to the required sample size in live traffic operations as described below for each test.

All times-of-day and traffic conditions shall be proportionally represented within the samples.

The same sample of vehicles collected during live operations may be used for the verification of multiple accuracies, if applicable.

Prior to the start of any System testing or performance audit the System shall be confirmed to be fully operational.

Transactions that fail to meet the requirements shall be reviewed and audited and anomalies investigated.

FORM B

RhodeWorks Toll Facilities – Design, Build, Operate and Maintain BID NO. 7551188

PARTICIPANT INDUSTRIAL SAFETY RECORD

Complete a form for each Participant involved in the actual construction of the Project.

PROPOSER NAME: _____

PARTICIPANT: _____

This information must include all construction work undertaken in the United States (including the State of Rhode Island), with separate statistics relative to the State of Rhode Island, by the Proposer and each Participant, as well as any entity in which the Proposer or any Participant owns a substantial interest. Separate information shall be submitted for each particular Partnership, Joint Venture, Corporation, Limited Liability Company or Individual Firm. The Proposer may be requested to submit additional information or explanation of data which RIDOT may require for evaluating the safety record.

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>Total</u>
1) Total Hours Worked (in thousands) Nationwide: Rhode Island:						
2)* Number of fatalities: Nationwide: Rhode Island:						
3)* Number of lost workdays: Nationwide: Rhode Island:						
4)* Number of lost workdays: Cases: Nationwide: Rhode Island:						
5)* Number of injury /illness cases: Nationwide: Rhode Island:						

	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>Total</u>
6)*	Number of days of restricted work activity due to injury /illness: Nationwide: Rhode Island:					
7)**	Incidence Rate Lost Workday Cases Nationwide: Rhode Island: Days Lost Nationwide: Rhode Island:					
8)	Worker's Compensation Experience Modifier Nationwide: Rhode Island:					

* The information required for these items is the same as required for columns 3 to 6, Code 10, Log and Summary of Occupational Injuries and Illnesses, OSHA Form 200

** Incidence Rate=No. Injuries (Cases) x 200,000 / Total Hours Worked

The above information was compiled from the records that are available to me at this time and I declare under penalty that the information is true and accurate within the limitation of those records.

Name of Company (Print)

Signature

Address

Title

City, State and Zip Code

Telephone Number



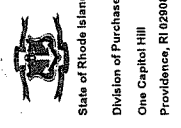
State of Rhode Island
 Division of Purchases
 One Capitol Hill
 Providence, RI 02908

"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER:	7551188
BID TITLE:	RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
PRE-BID DATE AND TIME:	RIDOA Conference Room A: January 4, 2017 at 1:00 PM

Purchasing Representative:	LH
Pre-bid START TIME:	1:10 P.M.
Pre-bid END TIME:	1:39 P.M.

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
Verizon	Dennis Mangano		Dennis.Mangano@verizon.com	774-334-2531		
Verizon	MIKE PIZZA		Michael.A.Pizza@verizon.com	347-451-7277		
Verizon	PETE GRAMANO		Peter.Gramano@verizonwireless.com	860-326-6000		
Gannett Fleming	Tom Daley		tdaley@gfnet.com	781-326-4605		
-11-	Fred Kho		fkho@gfnet.com	215-257-0106		
TRAFFIC OPTIONS	JOHN COLANAZZO		TRAFFIC OPTIONS	617-9017997		
BRAWSCORE	RICHARD WALTER		Richard.Walter@brawscore.com	781-700-2442		
Market Brothers	Jason Laforge		Jason.laforge@marketbro.com	401-333-2550		
TRASCORE	Ron Rahn		ron.rah@trascor.com	774-324-7002		
WSP PB	Rebecca Novak		rebecca.novak@wspgroup.com	914-947-1120		
BRISA	TIM MURKIN		tmurkin@brisa.com	571-315-1086		
FANVUIL	SCOTT SQUENEN		SCOTT.SQUENEN@FANVUIL.COM	915-6680		
Breisa Innova	Jose Medina		Jose.Medina@breisa.com	962-524207		
H2A	Michael Laska		Michael.Haynes@h2a.com	617-797-4694		
Raytheon	Dan Di Rienzo		Daniel.P.Dierenzo@raytheon.com	508-259-1259		
PERCEPTICS	JENNIFER SHERBLOM		JENNIFER.SHERBLOM@PERCEPTICS.COM	508-703-3353		



"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER: 7551188
BID TITLE: RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
PRE-BID DATE AND TIME: RIDOA Conference Room A: January 4, 2017 at 1:00 PM

Purchasing Representative:
Pre-bid START TIME:
Pre-bid END TIME:

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
VHB	Don Cooke	1 Cedar St. Providence, RI	dcooke@vhb.com	617-994-0367	-	
VHD	Pete Kava	"	ppsvoo@vhd.com	401-272-8100	-	
Kapsch	Chris Body	8201 Greenburg Dr.	chrisbody@kapsch.net	301-535-1563		
KAPSH	JASON STEWART	"	jason.stewart@kapsch.net	206-351-2598		
Kapsch	Paul McKeever	"	Paul.McKeever@kapsch.net	972-207-9998		
JFwhite	Paul Gorman	FARMINGTON MA 01535	PGORMAN@JFWHITE.COM	774-307-0761		
F.P.	Charles Castle	127 N. Main St	ccastle@fp.com			
SKE	TIAGO KAVIAK	USF	TKAVIAK@SKE.COM	514-803-1017		
CON SMITH	JOSEPH GAMBRA	360 Exchange Pkwy. Cheshire, CT	BARBARA@CONSMITH.COM			
M Gupta	Gand M. Gupta	115 West Blvd.	MKgupta@gmt.com	401-457-2033		
VHB	Ronald Hartman	1 Cedar St. Prov. RI	Rhartman@VHB.COM			
RAYTHEON	MARIN DESMARRS	100 Boston Ave. Marlborough MA	MARIN-DESMARRS@RAYTHEON.COM	508-509-8482		
GMZ	Fred Vincent	835 Fromental St. Providence 02905	FVincent@gmzinc.com	401-644-3021		
GMZ	LEW CANNON	115 Glastonbury Blvd. Glastonbury, CT	Lcannon@gmz.com	860-659-1916		
J.F. White	Michael Turcotte	10 Bore St. Farmington, MA	mturcotte@jwhite.com	617-721-1964		

VENDOR: PLEASE SUBMIT A BUSINESS CARD IF AVAILABLE



State of Rhode Island
Division of Purchases
One Capitol Hill
Providence, RI 02888

"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER:	7551188
BID TITLE:	RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
PRE-BID DATE AND TIME:	RIDOA Conference Room A: January 4, 2017 at 1:00 PM

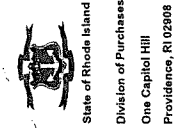
Purchasing Representative:
LA

Pre-bid START TIME:
1:10 P.M.

Pre-bid END TIME:
1:39 P.M.

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
17	London Brothers	600 Federal Rd. Hillside	roscoe@londonbrothers.com	781-293-2100		
18	↓	↓	mark@londonbrothers.com			
19	Acorn Power	40 Shawmut Rd. Canton, MA 02021	acorn@acornpower.com	401-371-1300		
20	Barletta	800 Jefferson Blvd Warwick, RI	fred@barletta.com	401-821-6222		
21	Fred Sambro	250 Apollo Dr. Exeter, NH	FRED@D-AMBERA.COM	978-405-2383		
22	AFCON	100 JEFFERSON BLDG. WARWICK, RI	antonio.santoro@a-con.com	401-728-0400		
23	AETNA BRIDGE	Jefferson MD	AETNABRIDGE.COM			
24	CONDOR	Greenland MD	james.groves@condor.com	301-525-1208		
25	Consistent	"	gen@consistent.com	845-576-4542		
26	JAI, Inc	Cluney, RI	FML@JAI.COM	630-293-9377		
27	JH Lynch	50 Lynch Pike	Sels@JH Lynch	333-4300		
28	Bryant Associates	640 North Main Street	tbryant@bryantassoc.com	874-1063		
29	Michael S. Mitchell	DOA Purchases		574-8123		
30						
31						
32						

** VENDOR: PLEASE SUBMIT A BUSINESS CARD IF AVAILABLE **



"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER:	7551188
BID TITLE:	RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
PRE-BID DATE AND TIME:	RIDOA Conference Room A: January 4, 2017 at 1:00 PM

Purchasing Representative:	LJA
Pre-bid START TIME:	1:10 P.M.
Pre-bid END TIME:	1:39 P.M.

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
Hilly'smith	Jim Kennedy	Columbus OH	Jim.Kennedy@childrensmidh.com	865 712	Same	
emovis	Paul Leghart	Westbury, NY	paul.leghart@emovis.us	516-353-6306	Same	
emovis	Christian Pathe	577 Hill, France	christian.pathe@emovis.com	604 364 101	Same	
ALEXON	Bob Wright	10 ORMSBY PROVIDE	rob.wright@alexon.com	401 854-2921	Same	
ATIARI PARR	J.P. Gallagher	177 North Main Street	patrick.gallagher@atiari.com	401-261-5811	Same	
ATENA SERVICE	Byron Barrows	100 VEFFERSON BLVD	barrows@atena.com	428-7200		
John Succarelli	Ross Electric Co	65 West Main Street	jsuccarelli@rosselectric.com	205 2731	Same	
Rob Kachele	Ross Electric	65 WEST MAIN ST	R.Kachele@rosselectric.com	946 8866	Same	
CON Smith	Kair Warkela	191 Clark St	warkela@consmith.com	203-430-8717	Same	
RENO'S JACKSON	REB McINTOSH	50 HOWARD ST. P.O.	rebecca@renos.com	401 323 3755		
Arumentvics	Steve Corbesoro	10 WALPOLE PARKS RD	steve@arumentvics.com	508 530 2553		
Trevo Group	David Sinarino	434 SMITH ST	dsinarino@trivogroup.com	401-275-5840	Same	
Margate PERA						
ACLU	Marcela Boemer	178 DORANCE ST	mb@aclu.org			

"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET

BID NUMBER: 7551188
 BID TITLE: RhodeWorks Statewide Toll Facilities: Design, Build, Operate & Maintain
 PRE-BID DATE AND TIME: RIDOA Conference Room A: January 4, 2017 at 1:00 PM

Purchasing Representative: *LRH*
 Pre-bid START TIME: 1:10 P.M.
 Pre-bid END TIME: 1:39 P.M.

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT E-MAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
49	CONQUEST					
50	RAYTHEON	420 WHITNEY ST NORTH BULO MA	BOB.FRANK@CONQUEST.COM	508-733-2722		
51	Carani Group	MANUSCROUCH MA	WASEEM NAQUI @raytheon.com	508-490-3635		
52		400 Lincoln Ave Warren, RI 02886	AMESITIC@CARANI.COM	401-739-8300		
53	JACOBS	106 VALLEY ST PROVIDENCE, RI	THOMAS.CABANA@JACOBS.COM	401-272-1969		
54	JACOBS	166 Valley St Providence, RI	James.Johns@jacobs.com	203-506-6861		
55	DOT	2 Capital Hill	angel.garcia@dot.ri.gov	222-2495		
56	DOT	2 Capital Hill	Lucy.Murray@dot.ri.gov	401-222-2495		
57	DOT	2 Capital Hill	Vanessa.Crum@dot.ri.gov	401-222-2495		
58						
59						
60						