



STAFF REPORT

Meeting Date: August 5, 2014

To: Honorable Mayor & City Council

From: Raj Patel, Assistant Director of Community Dev./ Building Official
Aaron Kunz, Deputy Director of Transportation
Lt. Michael Foxen, Traffic Division

Subject: Trousdale Estates Traffic Safety

Attachments:

1. Transportation-Related Interim Measures for Trousdale Estates Construction
2. Truck Certification List

INTRODUCTION

This report provides a status of measures to address traffic safety in Trousdale Estates. Staff seeks direction on proposed next steps and direction on the posting of Traffic Control Officers at the perimeter of the Trousdale Estates with the start of school on August 11, 2014.

DISCUSSION

On May 9, 2014, the City issued a Stop Work Order in Trousdale Estates for construction-related heavy hauling pick-up and delivery of materials until measures could be developed to protect against further collisions involving heavy hauling construction vehicles. The Stop Work Order was issued after three collisions involving heavy hauling construction vehicles occurred on Loma Vista Drive in just over two months.

On June 17, 2014 the City Council reviewed the Fehr & Peers Trousdale Estates Traffic Study public draft. The report included recommendations to address truck safety with an emphasis on construction heavy hauling and overall vehicle safety.

Construction Related Heavy Hauling Measures

As a first step, the City Council directed staff to implement 'interim' measures to address truck safety to allow construction with heavy hauling trucks to resume in the Trousdale Estates. The key provisions for construction-related heavy haul vehicles include:

- Maximum loaded vehicle weight of 50,400 pounds
- Requirements for vehicles over 26,000 pounds
 - Third party safety inspection and certification
 - Secondary braking system
 - Heavy vehicle routes
 - Advanced Notice to the City for deliveries and pick-ups(24 hours)
 - Development of an education plan for drivers and contractors that are not in compliance with interim measures.

- Time limit of 8:30 a.m. to 3:15 p.m. for vehicles in excess of 10,000 pounds and three or more axels
- Maximum of two construction vehicles to park on-street
- Construction management plan

In addition, the City Council directed that the traffic control officers and/or parking enforcement officers continue to be posted at the four entry points to the Trousdale Estates until further City Council review. Currently, officers are posted from 6 a.m. to 6:30 pm, Monday – Friday.

The City retained a private third party company to conduct vehicle safety inspections of construction-related heavy hauling vehicles with the first priority of certifying Crown disposal trucks to remove construction related debris to address fire safety and sanitation. Crown Disposal has completed the backlog of debris removal and has resumed normal operations in Trousdale Estates. The next priorities included public utility services, capital improvement projects and private projects close to completion. The public utilities have complied with the interim guidelines for non-emergency activities such as installation and work in the public right-of-way. City staff has worked with several property owners to identify solutions to completing their projects in accordance with the interim guidelines and have reached out to all projects in Trousdale Estates to assist in developing a plan for future heavy hauling related construction activities.

Forty construction-related heavy hauling vehicles have been certified by the City as of July 24, 2014. Construction projects requiring heavy hauling trucks in Trousdale Estates are resuming for those that meet the "Special Transportation-Related Interim Measures."

Items that need to be addressed for the "interim" transportation measures include:

1. Beverly Hills Unified School District begins classes on August 11, 2014 and Traffic Control Officers assigned to monitor the four entry points TCO's need to be reassigned to schools. Parking Enforcement has augmented the Traffic Control Officers monitoring the four entry points over the past two months. The Police Department recommends discontinuing the monitoring of the Traffic

Control Officers and assigning a Police Department Commercial Vehicle Enforcement Officer to patrol the Trousdale Estates.

Continuing to monitor the four entry points after August 11, 2014 would require assigning Parking Enforcement Officers full time to this effort. This would result in less enforcement of parking regulations city-wide and overtime pay. If the City Council determines that the entrances should be monitored on an on-going basis, staff recommends hiring additional officers.

2. The City has received requests for construction-related heavy hauling vehicles that exceed 50,400 pounds (e.g., cranes). Staff proposes to work with Fehr & Peers to develop guidelines to allow limited use of vehicles that exceed the 50,400 pound weight limits. Initial ideas for these guidelines include demonstration by the contractor that work cannot be completed with smaller vehicles and escort by the Police Department (with fee established to cover cost).
3. Return to the City Council with an agreement with third party vendor(s) to perform annual vehicle safety inspections, consideration of an education program on driving safety and a modification to the Fees & Charges to recover these costs.

Traffic Control Measures

In addition to addressing construction related heavy hauling truck safety, the Fehr & Peers Trousdale Estates Traffic Study includes a number of measures to address speed and safety of all vehicles. Measures already implemented include:

- Upgraded/replacement of existing signs
- Installation of 15 mph advisory signs at curves
- Installation of additional 25 mph hour signs
- Installation of "low gear" signs
- Installation of additional "runaway truck" sign at 1 mile from the truck ramp
- Restriping of the center line and existing pavement markings
- 24-hour phone line (police dispatch non-emergency phone line)

Next steps include modifying the agreement with Fehr & Peers to prepare new striping and signage plans to incorporate recently installed signs and markings and recommend new signs and plans for new markings. Additional improvements under consideration include:

- Solar-powered, permanent speed feedback signs (up to 10 locations)
- Raised pavement markers for roadway centerlines
- Additional pavement legends
- Recommendations to trim vegetation to improve sight distance

The preparation of the new striping and signage plans and installation of approved recommendations will take 4-6 months.

The City's Police and Information Technology Departments are also evaluating the placement of cameras for monitoring of vehicle activity and other technology, including potential speed and weight detection programs. This initial evaluation will be completed in approximately three months. The first priority is installing a camera at Loma Vista and Doheny Drive (planned for installation in August 2014). The second priority is installing cameras at the other three entrances to the Trousdale Estates which will require installation of equipment. Staff will also conduct a feasibility study of the use of cameras to detect vehicle weight.

Other considerations to address vehicle speed include traffic calming treatments, parking lane striping, truck speed limit and changes to parking regulations. Staff suggests scheduling a community meeting to address these issues in September 2014.

FISCAL IMPACT

Staff is setting up a budget for expenditures associated with Trousdale Estates Traffic and will return to the City Council to set up this budget along with potential modifications to the Schedule of Fees & Charges to recover associated costs. Expenditures to date include:

- Preparation of the Trousdale Estates Traffic Study and implementation plan for interim measures - \$50,000
- Development and preparation of sign and striping plans - \$30,000
- Overtime – \$106,000
- Third Party Inspections - \$12,000
- Signs, changeable message board rentals and decals - \$7,000

Additionally, the Police Department and Parking Enforcement has dedicated 1,056 hours and 260 hours of straight time, respectively.

RECOMMENDATION

Staff seeks City Council's direction on next steps for the Trousdale Estates Traffic Interim Measures



Approved By
Lt. Michael Foxen



Approved By
Susan Healy Keene, AICP

ATTACHMENT 1



Special Transportation-Related Interim Measures

Trousdale Estates Construction

Background

The City of Beverly Hills desires to enhance the safety for residents and workers in the Trousdale Estates in recognition of the significant levels of construction-related activity and the street grades. On June 17, 2014, the Beverly Hills City Council directed staff to implement a series of measures to address large trucks travelling to/from construction sites in the area and construction-related parking. The City will also be adding signage and striping to the primary streets in the area to enhance general motor-vehicle safety.

The City will be monitoring the effectiveness of these measures and will likely fine-tune them over time. However, all of these conditions are applicable until you are officially notified to the contrary.

Applicability

The measures described in this document are applicable to any construction project (buildings or infrastructure) that requires a City of Beverly Hills permit. These measures apply to all projects including those permitted prior to June 17, 2014.

Summary

The special transportation-related measures developed for the Trousdale Estates are grouped into five sections as described in the following document:

Section 1: Construction-related Truck Traffic

- A. Heavy Vehicle Inspection
- B. Secondary Braking System
- C. Heavy Vehicle Routes
- D. Maximum Loaded Weight
- E. Advanced Notice of Larger Vehicles
- F. Safe Truck Driving Practices
- G. Time Limits of Construction-related Vehicles

Section 2: Construction-related Parking

Section 3: Construction Traffic Management Plan

Section 4: Compliance and Remediation

Section 5: Contractor Acknowledgment

For questions regarding these special measures, please contact the Department of Community Development:

For construction project specific questions, contact your assigned Project Building Inspector. Project Building Inspectors are available by phone or e-mail. Office hours are Monday through Thursday mornings, 7:30 a.m. to 8:00 a.m. and afternoons 4:00 p.m. to 5:00 p.m. Friday office hours are in the afternoon only, 3:00 p.m. to 4:00 p.m.

Section 1: Construction-related Truck Traffic

A. Heavy Vehicle Inspection (Vehicles over 26,000 pounds)

The City requires that all vehicles with a manufacturer's certified Gross Vehicle Weight in excess of 26,000 pounds (namely, all Class 7 & 8 vehicles) be physically inspected and certified by the City's agent within the last 12 months. The vehicle owner/operator is required to contact and schedule an appointment for inspection with the following:

Inspection Agency: Truckspect, Inc.
Contact: Bill Velez, 626-307-5400
Inspection Location: *332 North Foothill Road, Beverly Hills

*Note: Or mutually agreed upon location with the owner/operator.

After the City's agent has certified that the truck has complied with City standards, the owner/operator will be responsible for proving the approved vehicle inspection form to the City's Development Services Division at which time the owner/operator will be provided with a decal which must be affixed to the vehicle on the driver's side window, and the corresponding documentation must be available at all times for review by any agent acting on behalf of the City. The cost of the inspection will be approximately \$200.00 and borne by the entity requesting the inspection. The City will be defining the process for such payments.

The City intends to maintain a list of "certified" vehicles that have passed this inspection process, which will be published on the City's website www.beverlyhills.org/trousdale in the Department of Community Development section.

The City's inspection process does not eliminate or alter the requirement to comply with the California BIT (Biennial Inspection of Terminals) Program.

B. Secondary Braking System

Any vehicle over 10,000 pounds Gross Vehicle Weight (GVW) and three or more axles must also contain a secondary braking system that is deemed adequate by the City's vehicle inspection agent. Such systems include, but are not limited to, mechanical engine brakes, exhaust brakes, electronic driveline retarders and hydraulic transmission retarders.

Clarification and Explanation:

Class 7 vehicles, 26,001 – 33,000 GVW are uncommonly constructed with secondary braking devices and therefore required to be inspected, but not contain a secondary braking device unless they adhere to the CHP standard of "over 10,000 pounds GVW and three or more axles".

Class 8 vehicles, 33,001 – AND GREATER are commonly constructed with secondary braking devices and generally fit the profile of "over 10,000 pounds GVW and three or more axles"

C. Heavy Vehicle Routes (Vehicles over 26,000 pounds)

Any vehicle subject to the City's Heavy Vehicle Inspection (exceeds 26,000 pounds GVW) must follow a pre-defined route when entering and exiting the Trousdale Estates. The attached map (Attachment A: Trousdale Estates Construction-related Truck Routes) provides the prescribed route according to the property location.

Vehicles in Zone 1 must enter the Trousdale Estates from the south (via Schuyler Road or Loma Vista Drive) and exit to the north (via Cherokee Lane). Vehicles traveling to/from properties in Zone 2 must enter and exit the Trousdale Estates from the south (via Wallace Ridge or Hillcrest Road). Access to Wallace Ridge is from Loma Vista or Hillcrest Road, whichever is more direct.

D. Maximum Loaded Weight (Applies to all construction related vehicles)

The maximum loaded weight allowed for any construction-related vehicle travelling on the streets in the Trousdale Estates is 50,400 pounds. This includes the weight of the vehicle, trailer, passengers, equipment, payload, and any other items associated with the vehicle.

If any City representative (police, building inspection, code enforcement, other) suspect that a truck exceeds this limit, they may either deny access to the Trousdale Estates or require it be weighed at a commercial scale to demonstrate that it does not exceed the 50,400 pound limit.

E. Advanced Notice of Larger Vehicles (Vehicles over 26,000 pounds)

For any vehicle subject to the City's Heavy Vehicle Inspection process (exceeds 26,000 pounds GVW), the City and the Project Building Inspector must be notified 24 hours in advance (excluding weekends and holidays) of any travel in the Trousdale Estates. The contractor must send an email describing: the intended time of arrival, type of vehicle, origin of the trip, and destination within Trousdale Estates. The email should be sent to your Project Building Inspector and the following email address:

E-mail: trousdale@beverlyhills.org

The contractor must receive a returned email from the City, acknowledging receipt prior to the truck arriving in the Trousdale Estates.

F. Safe Truck Driving Practices (Vehicles over 10,000 pounds)

All trucks are required to use their lowest gear when travelling downhill.

Any construction-related truck with an optional 4th axle is required to deploy the 4th axle when travelling within the Trousdale Estates, regardless of whether it is carrying a load.

All trucks are not permitted to pass another vehicle while in a drive lane.

G. Time Limits of Construction-related Vehicles

Construction-related vehicles in excess of 10,000 pounds (Gross Vehicle Weight as established by the manufacturer) are only allowed to be in the Trousdale Estates between the hours of 8:30 AM and 3:15 PM on weekdays (excluding Holidays).

Section 2: Construction-related Parking

Contractors, or their agents, are allowed to park on the project site (off street), provided they do not overhang the sidewalk or curb in any manner. Each construction site is allowed to park two vehicles on-street at any time. Two on-street parking permits will be provided to the prime contractor at the time the initial building permit is approved. Each permit will be marked with the applicable project address.

Contractors needing additional parking for worker's personal vehicles, equipment, etc. must find a suitable location **outside of the Trousdale Estates**, with Greystone Mansion being an exception. The City's web page (Building Department section) contains a list of potential off-site parking facilities. However, it is the contractor's responsibility to obtain an agreement to use the facilities and pay any related fees.

As part of the Construction Management Plan (Section 3), the prime contractor must indicate the location and duration of any off-site parking they have secured.

The limitation regarding on-street parking does not apply to contactors doing street-related maintenance, such as utility projects or road repair.

Section 3: Construction Management Plan

Prior to issuance of a building permit, the prime contractor must complete the attached Construction Management Plan (Attachment B) regarding the subject project and receive approval from the City as to its completeness. The Contractor should anticipate a one-week turnaround by City staff with either approval or request for additional information.

Section 4: Construction Work Hours and Days

No person shall engage in construction, maintenance or repair work which requires a city permit between the hours of six o'clock (6:00) P.M. and eight o'clock (8:00) A.M. of any day. No work which requires a city permit is allowed on Saturday, Sunday or public holiday. For the purpose of this section, "public holiday" shall mean:

1. New Year's Day.
2. Memorial Day.
3. Independence Day.
4. Labor Day.
5. Thanksgiving Day.
6. Christmas Day.

No person employed for the purposes of construction, maintenance, or repair work which requires a city permit shall enter a site on which such work will be done prior to eight o'clock (8:00) A.M. Any violation of this subsection shall be deemed to be an infraction.

Section 5: Compliance and Remediation

As expressed by the City Council, the City of Beverly Hills has “zero tolerance” for any non-compliance with the conditions outlined in this document. There will be no warnings, second-chances, or excused violations. Failure to comply with these conditions, as determined by the Building Department or their agents, will result in some or all of the following at the discretion of the Building Official:

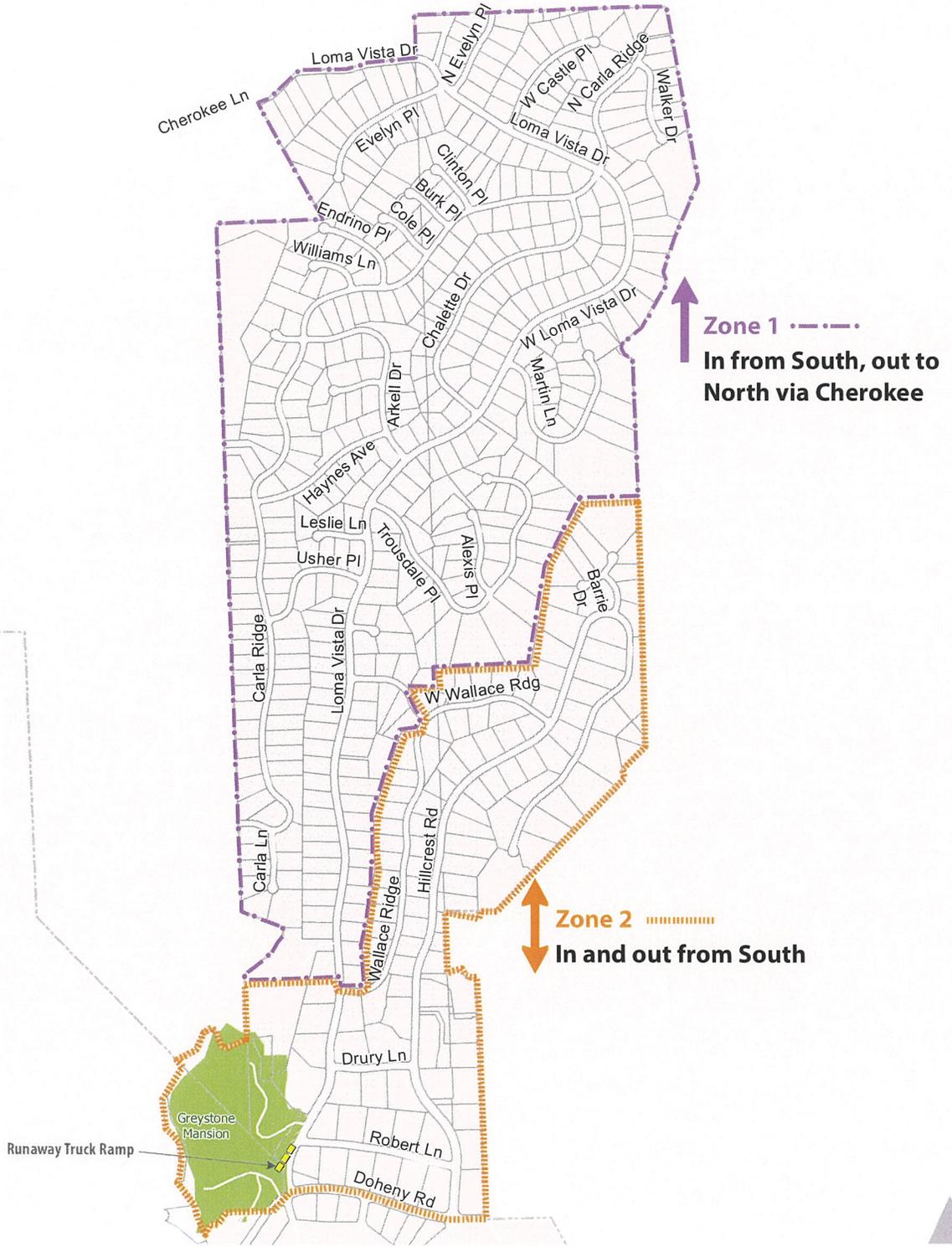
- Complete shut-down of the project site until remedial measures are completed
- Completion of a driver training program as identified by the City
- Citation of any trucks found not to be in compliance with the City’s program
- Revisions to the project’s construction traffic management plan
- Special investigation fees assessed

Section 6: Contractor Acknowledgment

The Contractor Acknowledgment (Attachment C) must be signed and returned to the City of Beverly Hills at trousdale@beverlyhills.org prior to the issuance of any new building permits and for permits issued prior to June 17, 2014, before any project site construction deliveries or pickups in the Trousdale Estates.

Attachment A - Map

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Attachment B

Trousdale Estates Construction Traffic Management Plan

Send completed form to: trousdale@beverlyhills.org

Property: _____

Project contact for truck-related issues:

Name: _____

Phone: _____

Email: _____

Date construction to commence: _____

Anticipated end of construction: _____

Heavy Vehicles

Activities that will involve vehicles subject to the City's Heavy Vehicle Inspection (defined as vehicles with a GVW in excess of 26,000 pounds):

Type of Activity	Vehicle Type	Daily # of Vehicles	Start Date	End Date

Anticipated total number of vehicles subject to City's Heavy Vehicle Inspection: _____

Off-Site Parking Provisions

Location of off-site parking secured by contractor: _____

Number of spaces: _____

Anticipated duration of off-site parking: (start) _____ (end) _____

Attachment C

CONTRACTOR ACKNOWLEDGMENT

The following must be signed and returned to the City of Beverly Hills at trousdale@beverlyhills.org prior to the issuance of any building permits in the Trousdale Estates.

I, the undersigned, hereby certify that I am aware of the special transportation-related measures for construction in the Trousdale Estates of Beverly Hills as defined in this document. I hereby agree to follow the City's restrictions, policies and procedures in connection with the work to be performed in the Trousdale Estates by myself and/or my company. I further agree that I am responsible for all sub-contractors and material suppliers' adherence to these requirements.

Individuals Name: _____

Company: _____

Office Phone: _____

Cell Phone: _____

Construction Property Address: _____

Signature: _____

Date: _____

ATTACHMENT 2

City of Beverly Hills Truck Certification List

Certificate Number	Truck Company	Vehicle License Number	Vehicle Identification No.	Certification Date
	Crown Disposal	7S6307	INKNLEOX155638061	6/23/2014
	Crown Disposal	5W52426	INKDLUOXXXR790912	6/23/2014
	Crown Disposal	5W52426	INKDLUOXXXR790912	6/23/2014
	Crown Disposal	10264A1	INKDLUOX83R703888	6/30/2014
	Valley Floodlight	20379FI	INKDL5OXX9J24458	6/30/2014
	Greg Porte	9E45105	IFUJGEDR6ASAR3033	7/2/2014
	Pac Tank	4BP7071	IUYFS2403BC624101	7/2/2014
	MFC	4UXJ048	IFVHCFAS22RKO1852	7/8/2014
	Manuel Sanchez	4HK6931	IUYFS24513a949501	7/14/2014
	Manuel Sanchez	9E63910	INPXD9X4CD150551	7/14/2014
	Spragues Ready Mix Truck 105	7G46240	ZNPALTOX84M822623	7/12/2014
	Spragues Ready Mix Truck 106	7946901	INPALTOX350851969	7/12/2014
	Spragues Ready Mix Truck 109	8N99156	INPALTOX35D877049	7/12/2014
	Spragues Ready Mix Truck 115	8D42759	INPALTOX370679218	7/12/2014
	Spragues Ready Mix Truck 119	7825OHI	INPSLJOX7ED228167	7/12/2014
	Spragues Ready Mix Truck 117	8F92276	INPALTOX57D679219	7/12/2014
	Spragues Ready Mix Truck 121	55162RI	INPSLJOX4FD262777	7/12/2014
	Bonanza Concrete Truck 85	7B49733	INKWLOEX83R389167	7/18/2014
	Bonanza Concrete Truck 75	6004 E1	INKWL50XZDJ361899	7/18/2014
	Jordan, Jeremy Joseph	JETTX1	1XPADB9XOXN502363	7/18/2014
	Spragues Ready Mix Truck 110	7V38554	2NPLHZ7X56M891923	7/19/2014
	Spragues Ready Mix Truck 104	7G46241	2NPALTOX64M822622	7/19/2014
	Spragues Ready Mix Truck	6A86160	1NPALTOXXYN531143	7/19/2014
	Spragues Ready Mix Truck 112	8A60930	1NPALTOX06N648114	7/19/2014
	Spragues Ready Mix Truck 93	5R75750	1NPALTOX1WD456979	7/19/2014
	Spragues Ready Mix Truck 118	78351H1	1NPSLJOX9ED228168	7/19/2014
	Spragues Ready Mix Truck 120	55130R1	1NPSLJOX6FD262778	7/19/2014
	Spragues Ready Mix Truck 116	8F92277	1NPALTOX17D679220	7/19/2014
	Spragues Ready Mix Truck 106	7P22370	1NPALTOXX5D851970	7/19/2014
	Spragues Ready Mix Truck 108	7U80240	1NPALTOXX5D877050	7/19/2014

Certificate Number	Truck Company	Vehicle License Number	Vehicle Identification No.	Certification Date
	Spragues Ready Mix Truck 114		1NPALTOX17D679217	7/19/2014
	Bee Trucking Truck 5	8W38557	1XPCCR8X3RD337967	7/19/2014
	Bee Trucking Tractor 4	9E02508	1XPWDU9X48N760354	7/19/2014
	Bee Trucking Truck 3	906800Y	1X9HDX9X18D751921	7/19/2014
	Bee Trucking Truck 2	8B42807	1XPADB9X2XD479486	7/19/2014
	Bee Trucking Truck 1	7P88292	1XPCCR9X6LD296109	7/19/2014
	Monkey Trucking, Inc.	58520D1	2HSFHMZR5RC075009	7/19/2014
	Champion Crane, Inc.	631740V	1Z9JD322800058250	7/22/2014
	Champion Crane, Inc.	9C46239	1XPCD69X9ND318685	7/22/2014
	Champion Crane, Inc.	9F02556	1X9BD49X4ED251414	7/22/2014