

Mission Success Starts With Safety



Construction Safety

SSC Construction Inspection
Safety Findings/Stats

February 2012



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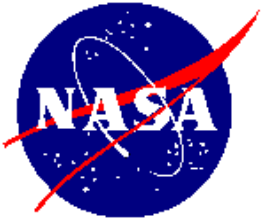
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Construction Safety Findings: 30 January-03 February 2012

Findings Total: 2

-Serious Findings: 0

-Less than Serious Findings: 2

1. Scaffold had a low diagonal bar for a 24" gap; potential fall hazard. Corrective Action: Repositioned to cover top and mid rail. Morning discussion with scaffold builders to close out/complete all top and mid rails.
2. Worker was positioning an incoming pipe and was partially under the suspended load. Corrective action: corrected on the spot. Re-emphasized the need to stand to the side of a load, plan a route of egress, avoid potential pinch/crush points, and to keep loads under waist for position (as much as feasible) in morning meeting.

Mishaps / Close Calls: 2

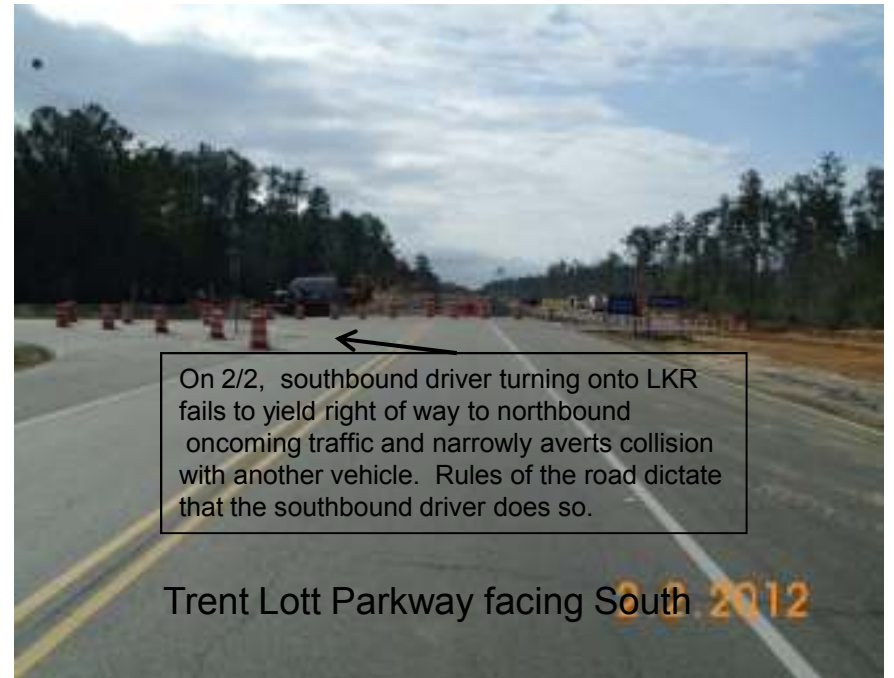
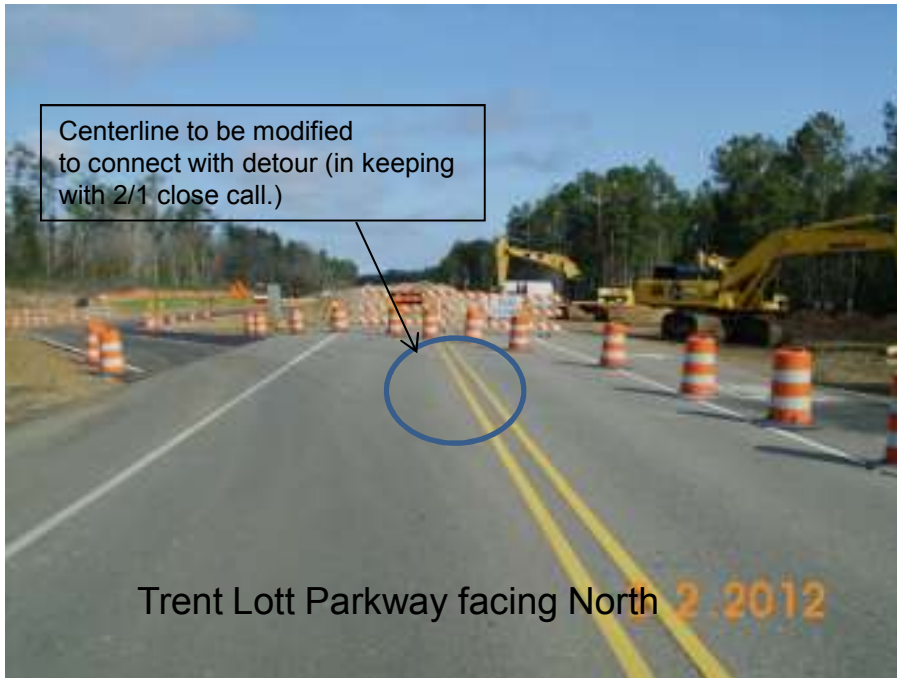
-Mishap: 0

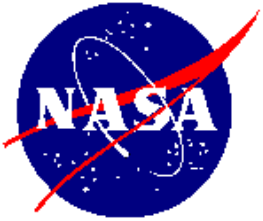
-Close Calls: 2

1. Two different Close Calls were submitted into CCRS in reference to safety concerns at the temporary traffic detour on Trent Lott Parkway, near Leonard Kimble Road. These concerns are being investigated.

Other:

1. A-3: Implementing daily documented inspections of cable railings.
2. A-3: Coordinated emergency response plan with Fire Department for Medical emergencies, worker suspended in personal fall arrest and worker(s) stuck in elevator above Fire Department ladder truck reach.





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Construction Safety Findings: 06-10 February 2012

Findings Total: 0

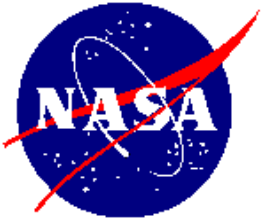
-Serious Findings: 0

-Less than Serious Findings: 0

Mishaps / Close Calls: 0

-Mishap: 0

-Close Calls: 0



Construction Safety Findings: 13-17 February 2012

Findings Total: 1

-Serious Findings: 0

-Less than Serious Findings: 1

1. Contractor using a bench grinder with a large groove in the middle of the grinding wheel. Contractor is required to use a dressing tool to provide a flat surface, free of foreign matter.
29 CFR 1910.215(d)(3)

Mishaps / Close Calls: 1

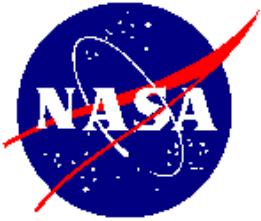
-Mishap: 0

-Close Calls: 1

1. An employee dropped a socket wrench from level five of the Test Stand while performing maintenance on the cable guard rail system. There was no property damage and no one was injured.

-Other

1. While working in close proximity to an existing buried water line, the line began to leak. This was an anticipated failure. FOSC was notified and rerouted the water around the affected area, with no service disruptions.



Construction Safety Findings: 20-24 February 2012

Findings Total: 1

-Serious Findings: 1

1. An employee was exposed to an open fall when climbing a ladder to attach a lanyard for personal fall arrest gear. Once in position, the employee attached the lanyard hook to grating, not rated for an anchorage point. Additionally, the grating surface was too small to allow the hook to close or latch (double-lock). 29CFR 1926. 501 (b) (1), 502 (d) (15) and 502 (e) (7).

Corrective Actions:

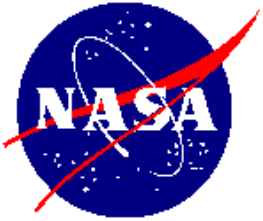
1. Contractor held a site safety meeting on 24 Feb 12. Covered/demonstrated: Ladder safety, proper fall protection tie off points, proper use of snap hooks or chokers and peer review/communication on safety issues.
2. Contractor installed scaffold poles above the cable railing to protect against workers falling over the railing.
3. Contractor met with the foremen/supervisors/leads on safe plans of action and walk downs/review of higher risk jobs.

-Less than Serious Findings: 0

Mishaps / Close Calls: 0

-Mishap: 0

-Close Calls: 0



Construction Safety Findings: 13-24 February 2012



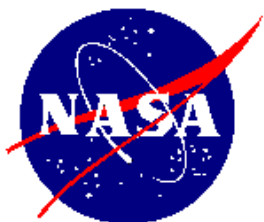
Groove in grinding wheel



Additional guard rails installed to prevent falls off the Test Stand

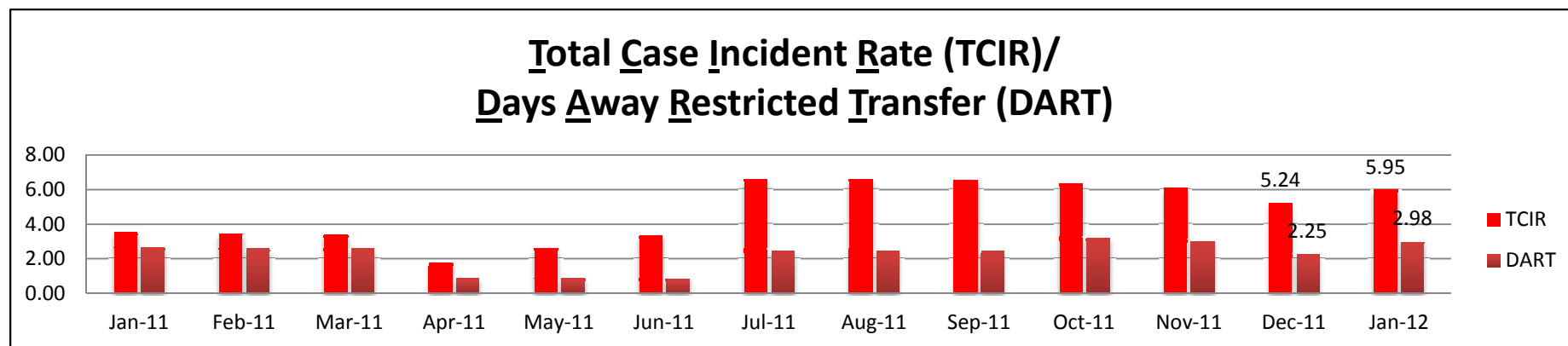
Ladder near existing fall protection, exposing employee to fall off the Test Stand





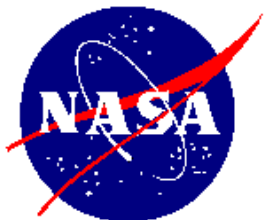
SSC Construction Metrics

- For the month of January:
 - 0% of CCRS items (0 of 6) were NASA Direct Construction (ND) related
 - 33% of IRIS cases (3 of 9) were ND Construction related:
 - On 1/4, during the installation of the test area fire pipeline near the A-TCC an existing line separated and allowed water to flood the excavation site (Type D)
 - On 1/20, the A3 elevator got stuck between levels. (Close Call)
 - On 1/24, a pipefitter fell through a hole in the grating at A3 T/S, and injured his ribs. The fitter was equipped with fall protection. (Type C – restricted duty)

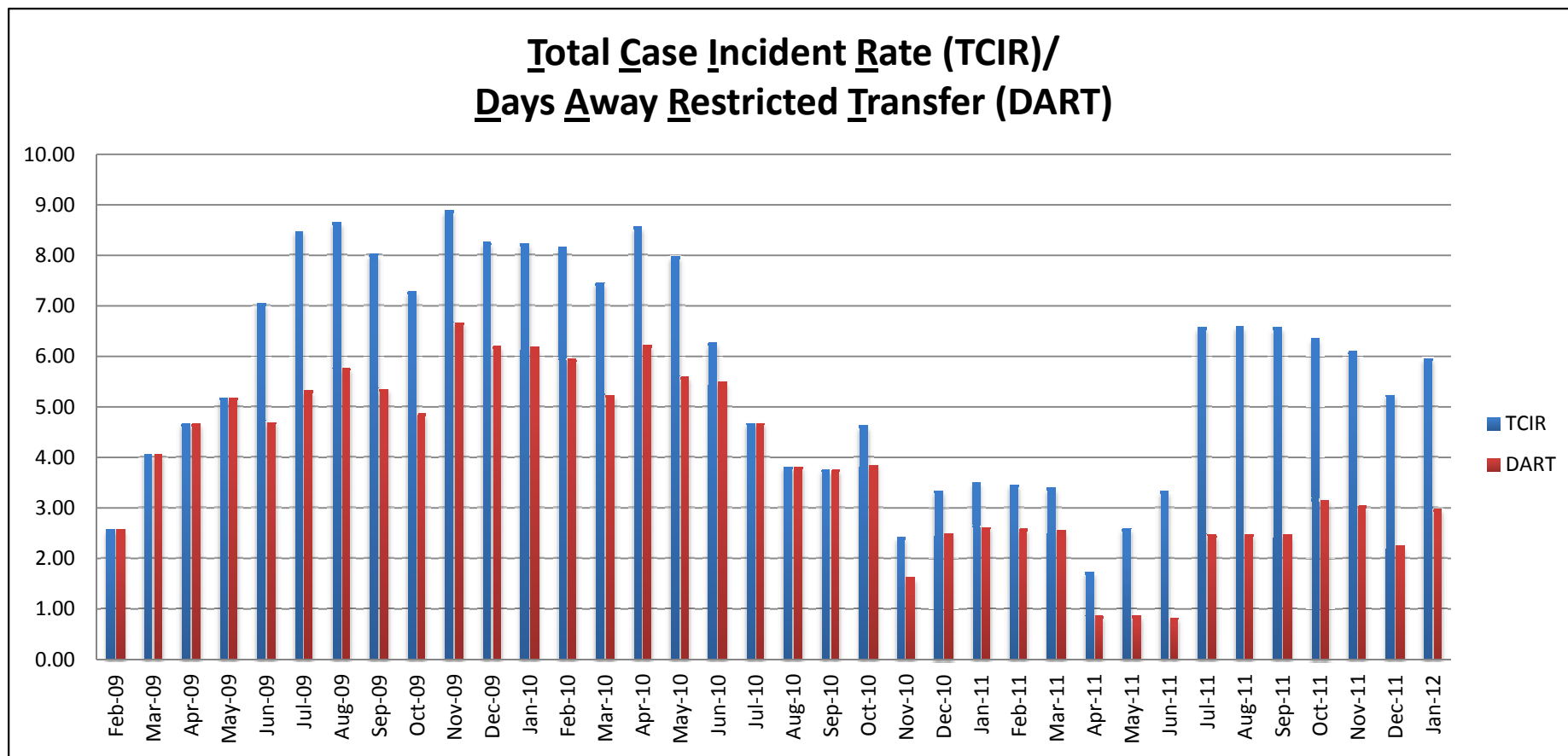


2010 NAICS Industry Code (Construction) TCIR = 4.0

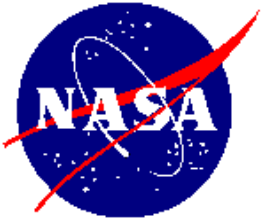
2010 NAICS Industry Code (Construction) DART = 2.1



SSC Construction Metrics



2010 NAICS Industry Code (Construction) TCIR = 4.0
2010 NAICS Industry Code (Construction) DART = 2.1



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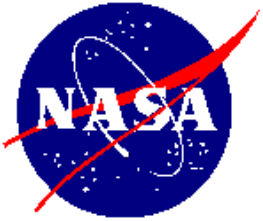


Construction Safety: 2012

Remember anything about VPP?



Do you remember the four core elements of VPP?



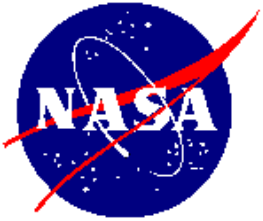
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Construction Safety: 2012

The four core VPP elements:

- **Management Commitment and Employee Participation.**
- **Worksite Analysis.**
- **Hazard Prevention and Control.**
- **Safety and Health Training.**



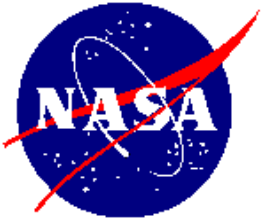
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Questions?

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Have a SAFE month!

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