

Market Package review for NYSDOT Road Weather Information System (RWIS) and Maintenance Decision Support System (MDSS)
December 10, 2008

List of Market Package Diagrams

- MC03-1
- MC06-1

NYSDOT - New York State Departme...
NYSDOT Maintenance

transportation weather information
transportation weather information request
environmental conditions data

NYSDOT - New York State Departme...
NYSDOT Regional Traffic Operations
Centers

transportation weather information
transportation weather information request
environmental conditions data

Planned

NYSDOT MDSS

Weather Service Providers

~~Weather Service Providers~~

+

NWS

CLARKUS

Other

Adjacent
States
Weather
info

NYSDOT - New York State Departme...
NYSDOT Maintenance Decision
Support System (MDSS)

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NYSDOT RWIS

NYSDOT - New York State Department of Transportation
NYSDOT Maintenance

environmental
environmental control

NYSDOT - New York State Department of Transportation
NYSDOT Recirculation Operations

environmental
environmental control

NYSDOT - New York State Department of Transportation
NYSDOT Road Weather Information System (RWIS)
+ NYSTA RWIS
+ Others RWIS

NWS
CLARUS

~~environmental control~~

NYSDOT RWIS

NYSDOT MDSS

Vender
Servers

CLARUS + NWS + Others

**MC03 – Road Weather Data Collection
NYS DOT**

Weather Service
National Weather Service
+ Clarus + others

Maintenance and Construction Management
NYS DOT Maintenance +
NYS DOT Regional Traffic Operations Centers
+ NYSTA TSOC

Surface Transportation Weather Service
NWS + Clarus +
NYS DOT Maintenance Decision Support System (MDSS)

RWIS Vendor Servers

Maintenance and Construction Vehicle
NYS DOT Maintenance Vehicles

Roadway Subsystem
NYS DOT Road Weather Information System (RWIS)

Traffic Operations Personnel
Traffic Operations Personnel

Maintenance and Construction Center Personnel
Maintenance and Construction Operations Personnel

There's an assumption that real-time maintenance information (information and control of vehicles and roadway devices) will be monitored and controlled from a TMS.

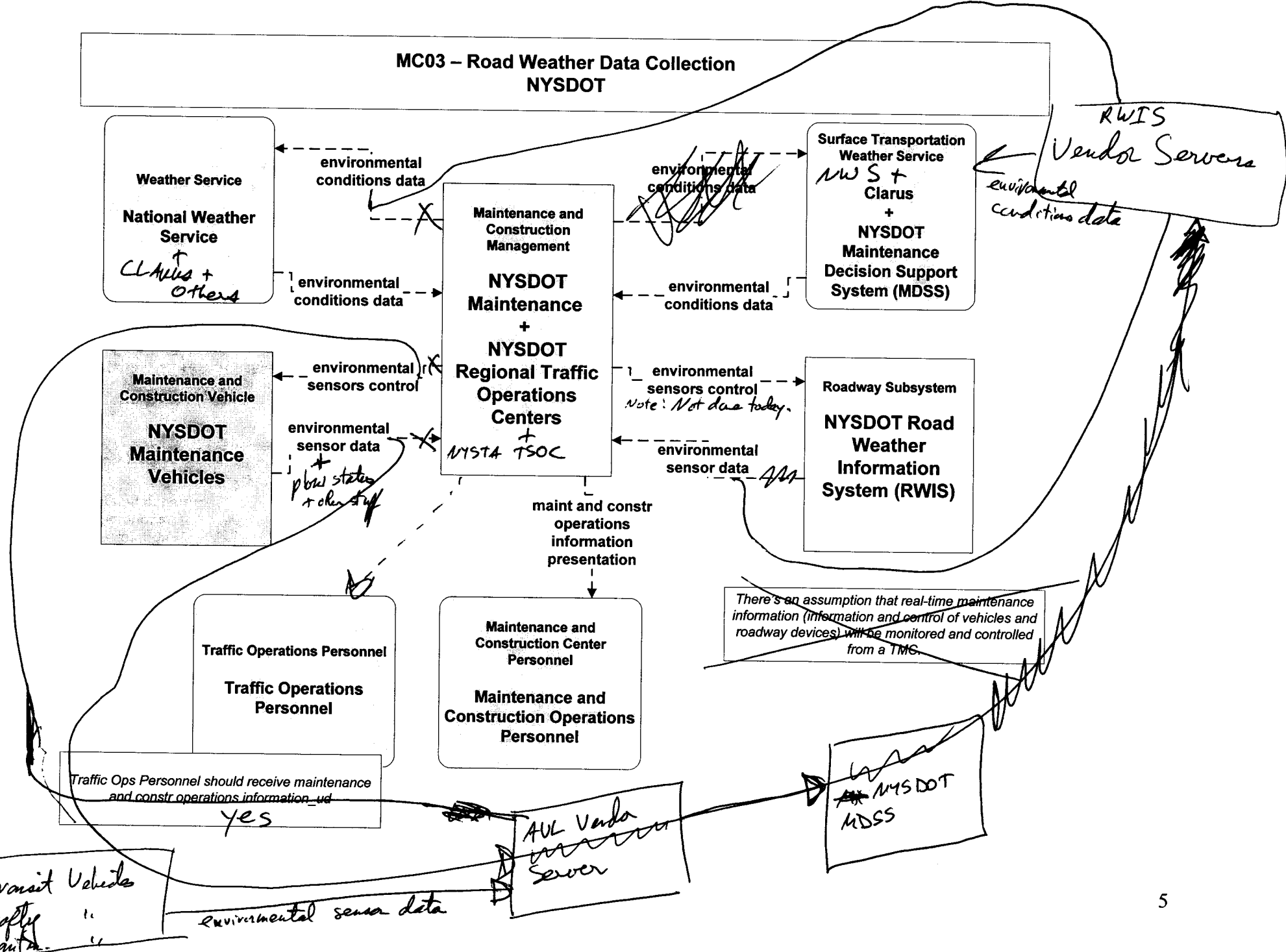
*Traffic Ops Personnel should receive maintenance and constr operations information - ud
yes*

AUL Vendor Server

NYS DOT MDSS

*Transit Vehicles
+ Safety
+ Maint.*

environmental sensor data



**MC06 – Winter Maintenance
NYSDOT (1 of 3)**

