

Introduction to Quantlists for Construction Inspection

Quantlists for Inspectors

Learning Objectives

- **After completing this course, you will be able to:**
 - **Qualify to use the ADOT Quantlist software**
 - **Understand basic inspection duties**
 - **Log on and download quantlists to your computer**
 - **Select projects**
 - **Select specific quantlists**
 - **Log off and complete quantlists in the field**
 - **Classify attribute events**
 - **Enter comments**
 - **Log on to the web and upload data**

Module 1

Using and Opening the Web Based Quantlist Application

Quantlists for Inspectors

What are primary inspection duties?

“The primary responsibility of inspectors is to accurately document the work detailed in the plans and specifications. The documentation will include the level or degree of conformance of the work with the plans and specifications.”

(Reference: Subsection 105.11 of the ADOT Standard Specifications for Road and Bridge Construction)

More advanced responsibilities will be assigned to experienced technicians.

Requirements that are not on the quantlist must be documented in the diary.



Quantlists for Inspectors

Where can I find other inspection information?

Read the Construction Manual for extensive additional information about inspection practices and using quantlists. It is available on the ADOTNet under Construction Group.

Follow up on all references cited on the quantlists and in the project requirements.

Quantlists for Inspectors

What is a quantlist?

- The word *quantlist* stands for quantitative checklist
- This special word separates quantlists from the many other agency checklists
- The quantlist provides a direct way to document the “level or degree of conformance of the work with the plans and specifications”
- The result of a completed quantlist is a number that gives a *percent conformance with requirements*

Quantlists for Inspectors

What is a quantlist?

- A quantlist is a list of 20 or more attribute requirements
- Each attribute has a description of a requirement (there is a sequential number in front for identification)
- The construction process or product is examined or measured by the inspector and compared to the written requirement
- The result of the inspection is classified as a conforming (Yes), nonconforming (No), or Not Applicable (NA) event
- The corresponding box is checked on the quantlist

Quantlists for Inspectors

Installing and activating the Quantlist application

- **Successful completion of this course qualifies you to have the Quantlist Application installed and activated on your computer.**
- **For installation, call the ADOT Support Desk at 602.712.7249.**
- **For activation, call the Support Desk and give your name and user ID number.**
- **Note: your computer may already show the Quantlist icon, but the application may not be current.**



Quantlists for Inspectors

Opening the Quantlist application



To open the application, double click the Quantlist icon installed on your desktop.

Quantlists for Inspectors

Connecting to the network online or working offline

Online

- Your computer is connected to the network and you are logged on.
- You are able to upload, download quantlists, send and receive email.

Offline

- Your computer is not connected to the network.
- You are not able to upload, download quantlists, send and receive email.

Note: Once you have downloaded a quantlist, it can be opened either online or offline.

Quantlists for Inspectors

Using the Web based Quantlist application online



Each time you are connected to the network and you open the Quantlist application it refreshes to the current version of the application and will automatically download any new blank quantlists and upload any completed quantlists.

Quantlists for Inspectors

Opening the Web based Quantlist application

Before you can use the Quantlist application offline you must go online and open up the application.

It is recommended that you connect to the network at least once a day to download any new quantlists.

Quantlists for Inspectors

Opening Quantlist application offline



Each time users access the application offline, a warning box titled "Unable to connect" will appear.

This window is a reminder that the user is working offline.

Selecting Retry will not assist in accessing online information.

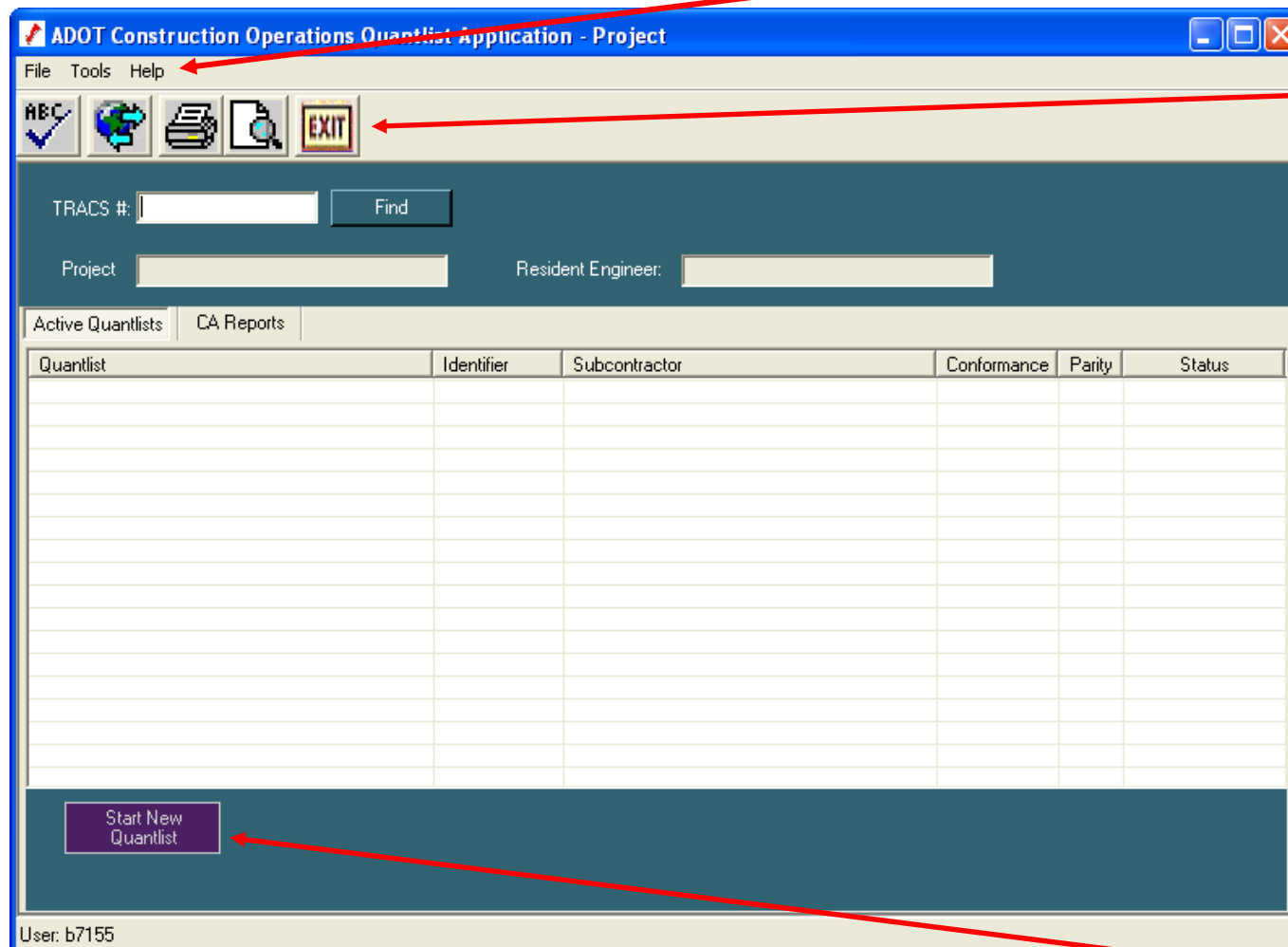
Click the Cancel button and continue.

Module 2

Starting at the Quantlist Project Page

Quantlists for Inspectors

Components of the Quantlist Project page



Menu Bar

Tool bar

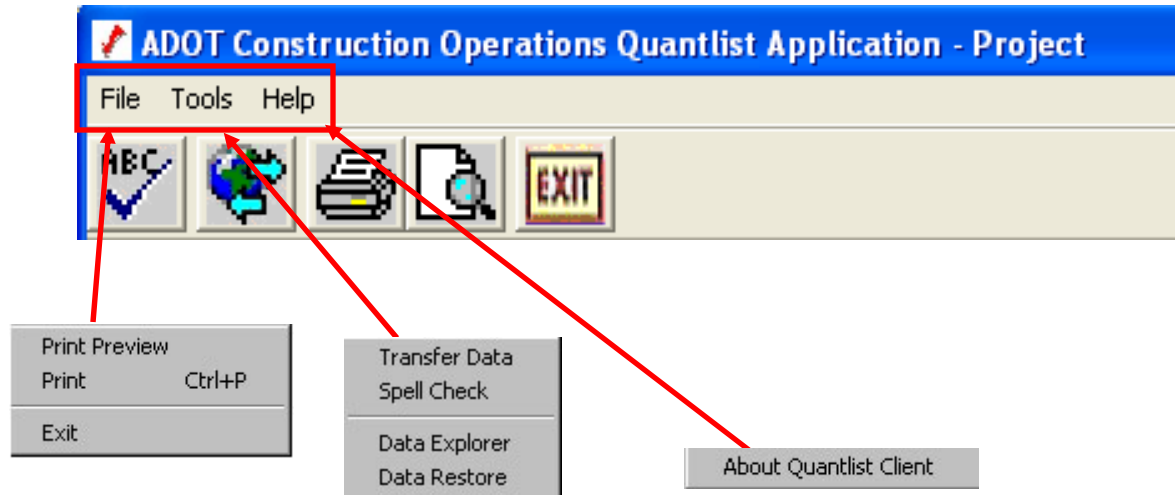
Project information

Quantlist Summary

Quantlist selection

Quantlists for Inspectors

Using the menu bar

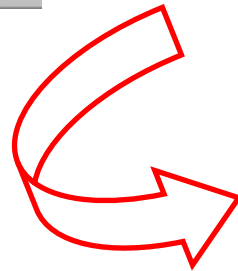


The menu has drop down commands, as shown above. The File and Tools commands will be used later as information is entered.

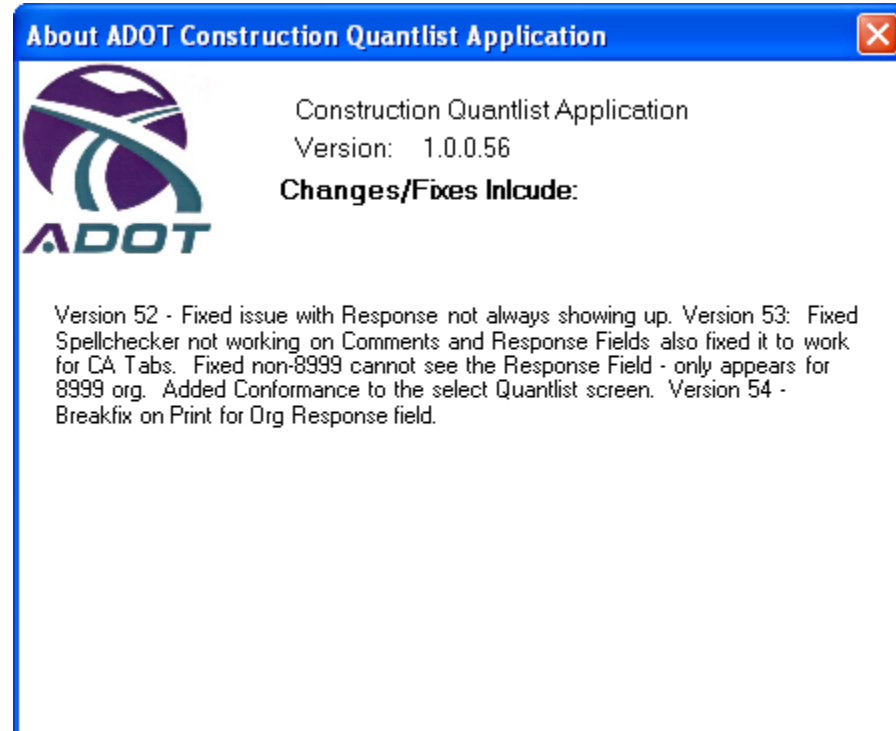
The Help command brings up a window entitled "About ADOT Construction Operations Application".

Quantlists for Inspectors

Quantlist Help window



When you click on the Help option, you will see a box that reads About Quantlist Client. Any recent changes to the program will be listed in this box.



Quantlists for Inspectors

Quantlist toolbar



Spell Check

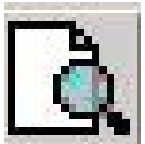


Manually download new quantlists
and upload completed quantlists

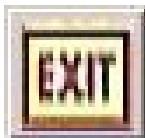


Print

You must be in a project to use the
Spell Check or Print Preview tools.



Print Preview

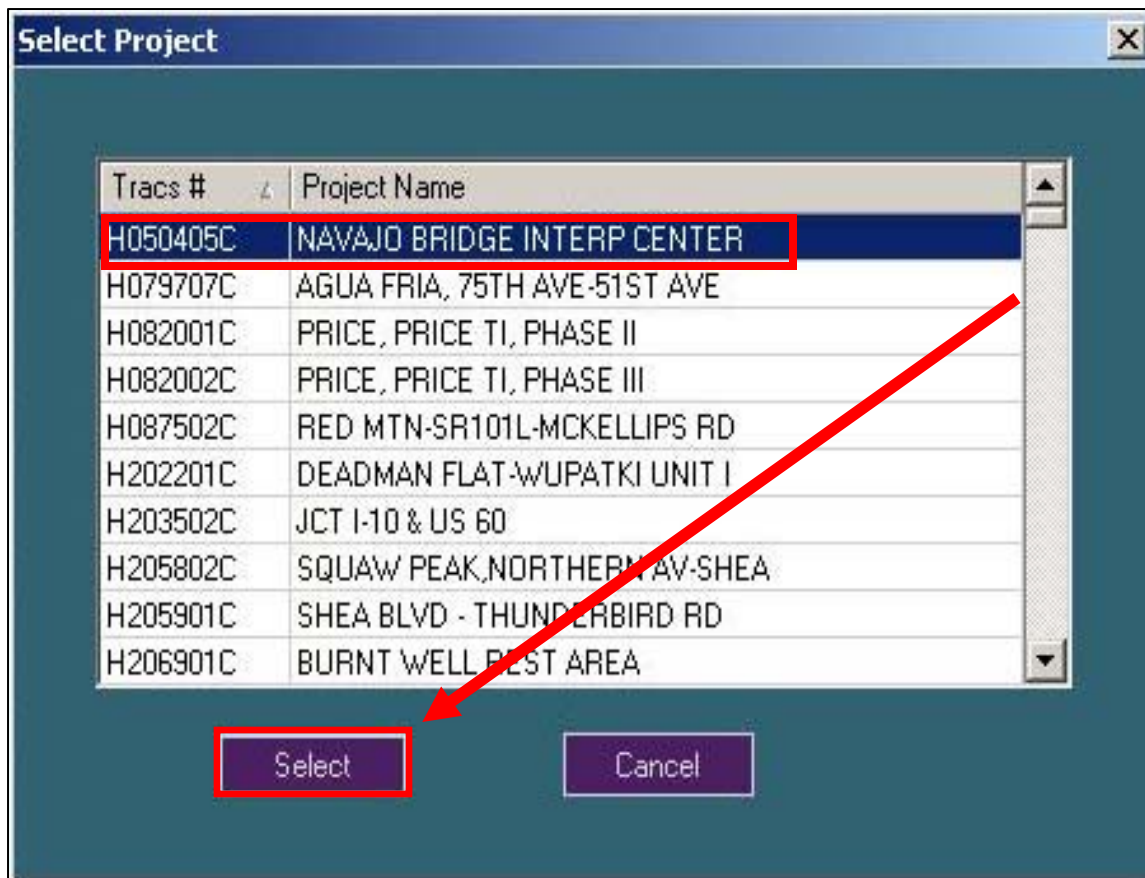


Exit

The icons provide a shortcut to
using the menu commands.

Quantlists for Inspectors

Select Project



The window shows ten projects at a time.

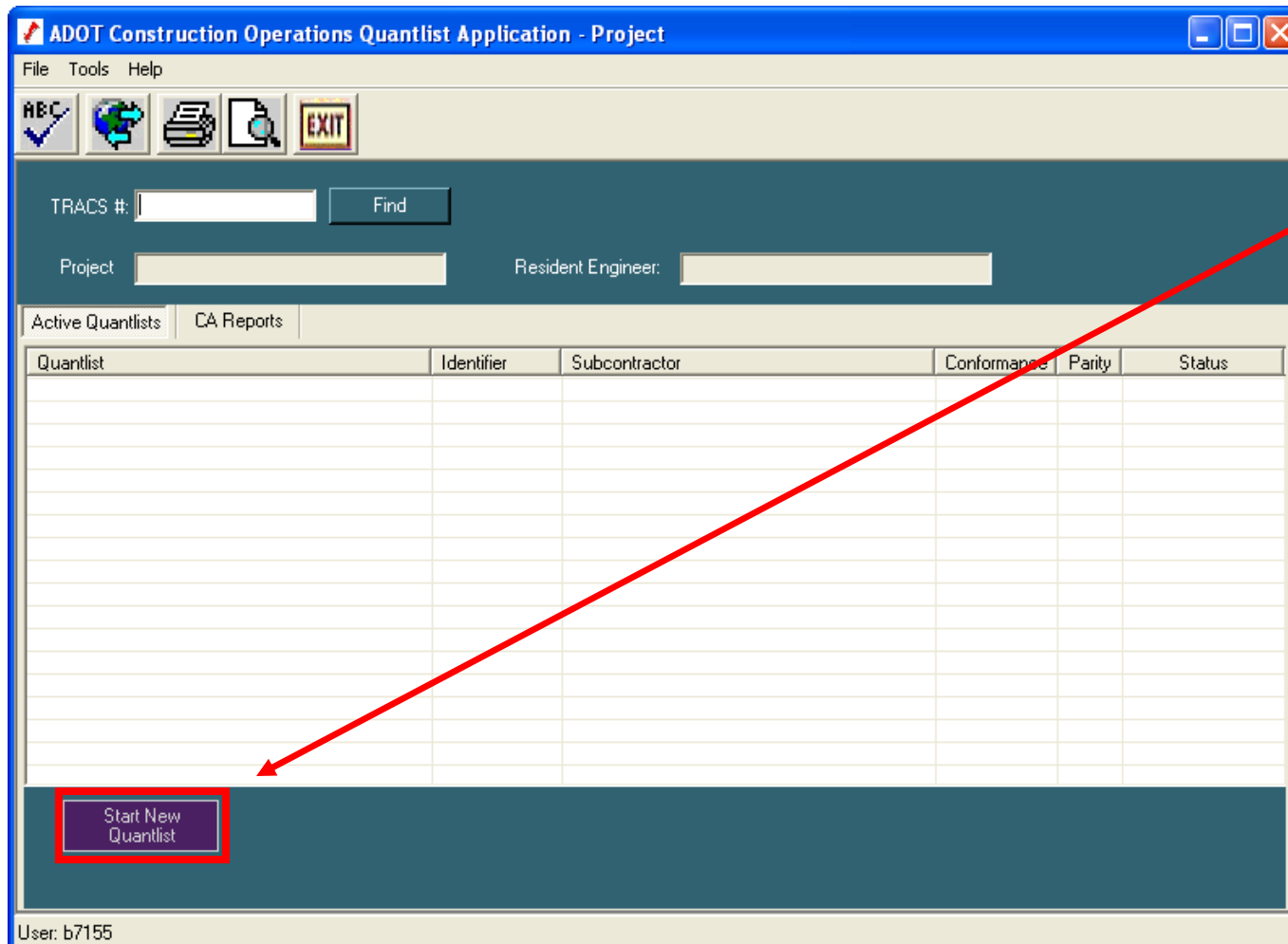
A scroll bar to the right of the screen can be used to view additional projects.

Click on a project to select it.

Then click the Select button.

Quantlists for Inspectors

Start New Quantlist



Once the project has been selected, click the Start New Quantlist button.

Quantlists for Inspectors

Start New Quantlist

Select Quantlist

Inspection Consultation

Specification Chapter

- General Provisions - Division I
- Grading - Division II
- Subgrade, Subbases, and Bases - Division III
- Surface Treatments and Pavements - Division IV
- Drainage Facilities - Division V
- Structures - Division VI
- Traffic Control Facilities - Division VII
- Roadside Development - Division VIII
- Incidentals - Division IX
- Materials - Division X
- Special Provisions

Quantlist Name

- Bulletin Board - Job Site
- Specific Contractor Quality Control

Use Current Version
 Use This Version

06242003

Ok Cancel

The Select Quantlist window will appear.

Quantlists for Inspectors

Starting a new Quantlist

Confirm that the Inspection and the Use Current Version radio buttons are selected.

The Consultation radio button is used by Construction Operations personnel only.

If you are using a different version than is showing you will need to select that version by clicking on the Use This Version radio button.

The screenshot shows a dialog box titled "Select Quantlist". At the top, there are two radio buttons: "Inspection" (which is selected and highlighted with a red box) and "Consultation". Below this, there are two columns of lists. The left column is labeled "Specification Chapter" and contains a list of items: "General Provisions - Division I", "Grading - Division II", "Subgrade, Subbases, and Bases - Division III", "Surface Treatments and Pavements - Division IV", "Drainage Facilities - Division V", "Structures - Division VI", "Traffic Control Facilities - Division VII", "Roadside Development - Division VIII", "Incidentals - Division IX", "Materials - Division X", and "Special Provisions". The right column is labeled "Quantlist Name" and contains a list of items: "Bulletin Board - Job Site" and "Specific Contractor Quality Control". To the right of these lists, there are two radio buttons: "Use Current Version" (which is selected and highlighted with a red box) and "Use This Version". Below these radio buttons is a dropdown menu showing the version number "06242003". At the bottom of the dialog box are two buttons: "Ok" and "Cancel".

Quantlists for Inspectors

Selecting the Specification Chapter

Select Quantlist

Inspection Consultation

Specification Chapter Quantlist Name

General Provisions - Division I	Bulletin Board - Job Site
Grading - Division II	Specific Contractor Quality Control
Subgrade, Subbases, and Bases - Division III	
Surface Treatments and Pavements - Division IV	
Drainage Facilities - Division V	
Structures - Division VI	
Traffic Control Facilities - Division VII	
Roadside Development - Division VIII	
Incidentals - Division IX	
Materials - Division X	
Special Provisions	

Use Current Version
 Use This Version

06242003

Ok Cancel

Select the Specifications Chapter [Division] list in the first column.

Quantlists for Inspectors

Selecting the specific quantlist

Select Quantlist

Inspection Consultation

Specification Chapter Quantlist Name

General Provisions - Division I	Bulletin Board - Job Site
Grading - Division II	Specific Contractor Quality Control
Subgrade, Subbases, and Bases - Division III	
Surface Treatments and Pavements - Division IV	
Drainage Facilities - Division V	
Structures - Division VI	
Traffic Control Facilities - Division VII	
Roadside Development - Division VIII	
Incidentals - Division IX	
Materials - Division X	
Special Provisions	

Use Current Version
 Use This Version

06242003

Ok Cancel

Select the quantlist in the Quantlist Name column

Click OK.

Quantlists for Inspectors

Download Completion

- **Clicking OK on a specific quantlist:**
 - **downloads and/or opens if online**
 - **only opens if offline**
- **You may now go offline (disconnect from the web)**
- **The next steps are:**
 - **to begin the inspection and quantlist**
 - **classify each attribute accurately and precisely**
 - **save the quantlist before completion**
- **Reconnect to the web and upload the completed quantlist to the web**

Module 3

Filling Out the Quantlist Header

Quantlists for Inspectors

Quantlist Components on the Edit Inspection page

The screenshot shows the 'ADOT Construction Operations Quantlist Application - Edit Inspection' window. The interface includes a menu bar (File, Tools, Help), a toolbar with icons for navigation and exit, and a header section with form fields for Specification Chapter, Quantlist Name, Version, TRACS #, Project, Subcontractor, Reviewer, and Supervisor. Below the header is an 'Identifiers' section with fields for Type and Class, Station/Location, Method of curing, Date, Type, and Author. The main area is a table with columns for Item #, Wgt, Y, N, N/A, Attributes, and Reference. A specific item is highlighted with a yellow circle, showing a question about a Certificate of Compliance, a comments field, and a reference to 'Std. Spec. 1006-2.05'. At the bottom, there are 'Calculations' fields for Initial and Final Conformance and Parity, and buttons for Save, Cancel, and Close. A user ID 'User: b7155' is displayed at the very bottom.

Tool Bar

Header

Attributes Column

References

Comments

Calculations

Events

Quantlists for Inspectors

Header: Pre-populated Fields

Grayed out fields are pre-populated and cannot be changed.

Specification Chapter	Quantlist Name	Version:
Traffic Control Facilities - Division VII	Roadway Striping	05242004
TRACS #	Project	Subcontractor
H050405C	NAVAJO BRIDGE INTERP CENTER	RADICH CONSTRUCTION, INC.
Reviewer	Supervisor	Correlation
Teresa Kabana		<input type="radio"/> Yes <input type="radio"/> No
Identifiers		
Station:	Lane:	Date:
SB1300+25-1400+00	Curb	1/29/2008
Temporary/Perman	Direction:	Type:
No	South	Inspection
Paint, Tape, Therm	Reference No.:	Author:
Latex, Scotch, No	H55T88	Teresa Kabana

Quantlists for Inspectors

Header: Identifiers

Specification Chapter	Quantlist Name	Version:
Materials - Division X	Concrete Curing	04032001
TRACS #	Project	Subcontractor
H050405C	NAVAJO BRIDGE INTERP CENTER	
Reviewer	Supervisor	
Teresa Kabana		
Identifiers		Date
Type and Class:		11/14/2007
Station/Location:		Type
Method of curing:		Inspection
		Author:
		Teresa Kabana

Identifiers contain information unique to the project. The information entered here varies by the process or product covered by the process.

Quantlists for Inspectors

Header: Identifiers

- Read the text to the left of the blank identifier field to determine what information to enter.
- Enter the information in the style normally used in a diary.
- Quantlists may have up to six identifiers, but most have fewer.

Quantlists for Inspectors

Header: Subcontractor

A Subcontractor and Date must be selected by clicking the drop down menu.

Subcontractor

Specification Chapter: Drainage Facilities - Division V
Quantlist Name: Corrugated Metal Pipe
TRACS #: H050405C
Project: NAVAJO BRIDGE INTERP CENTER
Subcontractor: PIPELINE SERVICES, INC.
Reviewer: Teresa Kabana
Supervisor:
Correlation: Yes No
Identifiers:
Plans Reference #: 12345
Station: EB 1600+50 -1600 +75
Date: 1/29/2008
Type: Inspection
Author: Teresa Kabana


Subcontractor dropdown menu items:
THE LUDWIG CORPORATION
THE PREPAKT CONCRETE COMPANY
THE RICHEY COMPANIES
THE SCOTT SYSTEM, INC.
THE TANNER COMPANIES
THE TITUS GROUP INC DBA ARIZONA EARTHMOVERS
THE TREEMAN
THE TRUCK

If the name of the subcontractor is not on the list, use the name of the prime contractor.

Quantlists for Inspectors

Header: Inspection Quantlist Type

Specification Chapter	Quantlist Name	Version:
General Provisions - Division I	Bulletin Board - Job Site	06242003
TRACS #	Project	Subcontractor
H050405C	NAVAJO BRIDGE INTERP CENTER	
Reviewer	Supervisor	
Teresa Kabana		
Identifiers	Date	
Location:	11/19/2007	
	Type	Inspection
	Author:	Guillermo Silva

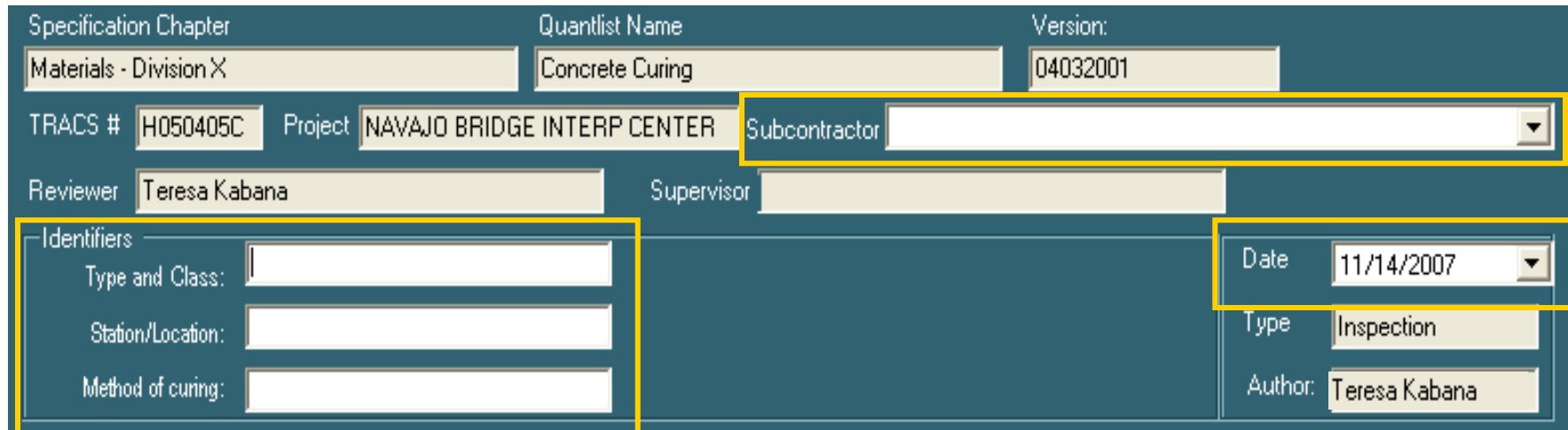


Notice that the Type identifies the quantlist as an Inspection, the type normally used at the project level.

This was determined by the radio button on the Quantlist Project page.

Quantlists for Inspectors

Summary of filling in the Header



Specification Chapter	Quantlist Name	Version:
Materials - Division X	Concrete Curing	04032001
TRACS #	Project	Subcontractor
H050405C	NAVAJO BRIDGE INTERP CENTER	
Reviewer	Supervisor	
Teresa Kabana		
Identifiers		Date
Type and Class:		11/14/2007
Station/Location:		Type
Method of curing:		Inspection
		Author:
		Teresa Kabana

1. Enter the identifiers; fields are dependent on the quantlist.

2. Select a subcontractor from the drop down menu.

3. The date the quantlist is started will be automatically filled and should not be changed.

Module 4

Filling Out the Quantlist Body

Quantlists for Inspectors

Attributes

Attributes are process or product requirements.

There is a comment field for each attribute. Each attribute may have a comment added to it.

Each standardized attribute will have a reference source and number assigned to it.

Item #	Wgt	Y	N/A	Attributes	Reference
16	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	When aggregate slurry or jetting is used, the material below the springline is compacted prior to placement of material above the springline. RE Steve Nash approved	Std. Spec. 501-3.02 C 2
17	2	<input type="checkbox"/>	<input type="checkbox"/>	Bedding and backfill dimension requirements conform to the Standard Drawing.	Std. Dwg C-13.15

Initial Conformance: 80 Parity: 10 Final Conformance: 93.33 Parity: 4

Quantlists for Inspectors

Attribute line

The beginning of each attribute line has an Item # (number) that is used to identify the line.

Item #	Wgt	Y	N	N/A	Attributes	Reference
1	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there an approved mix design?	Std. Spec. 406-6
01/01/0001	12:00:00 AM					
2	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of compliance been submitted for the asphalt binder?	Std. Spec. 406-3.03
01/01/0001	12:00:00 AM					
3	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of analysis been submitted for the mineral admixture?	Std. Spec. 406-3.02
01/01/0001	12:00:00 AM					

Quantlists for Inspectors

Wgt. (Weight)

Item #	Wgt	Y	N	N/A	Attributes	Reference
	Not_Corrected					
05/02/2008 4:14:28 PM						
2	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Geocomposite drain materials stored outdoors are elevated, tagged, and protected from the elements with a light color, opaque, waterproof cover.	Std. Spec. 203-5.02 B
	Approved_As_Is				RE Steve Nash approved	
05/02/2008 4:14:48 PM						

Initial Conformance: 0 Parity: 6 Final Conformance: 50 Parity: 2

Each attribute has an importance value assigned to it.

Valid values for weights assigned to the attributes include 8,4,2,1, and 0.

Eight is the most critical.

The weight field is not presently being used for project management.

Quantlists for Inspectors

All Events

Item #	Wgt	Y	N	N/A	Attributes	Reference
1	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there an approved mix design?	Std. Spec. 406-6
	01/01/0001	2:00:00 AM				
2	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of compliance been submitted for the asphalt binder?	Std. Spec. 406-3.03
	01/01/0001	12:00:00 AM				
3	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of analysis been submitted for the mineral admixture?	Std. Spec. 406-3.02
	01/01/0001	12:00:00 AM				

Events for each Attributes are classified with:
(Y) Yes, (N) No or (N/A) Not Applicable.

Y- Yes, conforms to requirements.

N- No, does not conform to requirements.

N/A- Not Applicable to this project or cannot be inspected during this review.

Quantlists for Inspectors

Conforming Event

Item #	Wgt	Y	N	N/A	Attributes	Reference
1	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there an approved mix design? <input type="text"/>	Std. Spec. 406-6
2	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of compliance been submitted for the asphalt binder? <input type="text"/>	Std. Spec. 406-3.03
3	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of analysis been submitted for the mineral admixture? <input type="text"/>	Std. Spec. 406-3.02

If the Y value is selected, this indicates that the attribute conforms to the requirements.

Quantlists for Inspectors

Nonconforming Event

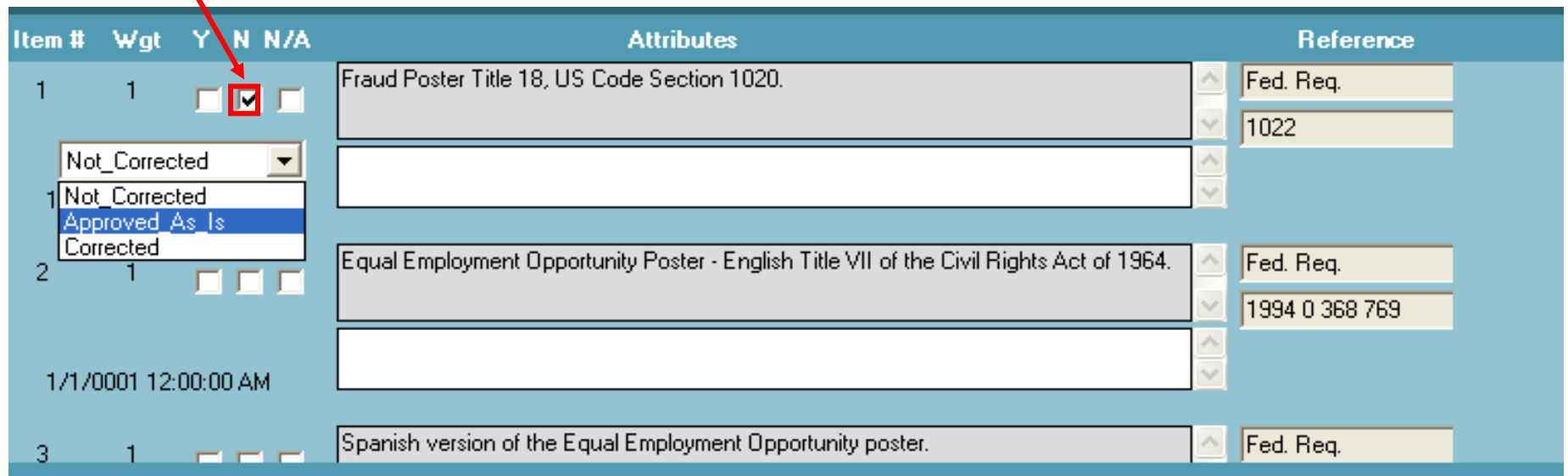
Item #	Wgt	Y	N	N/A	Attributes	Reference
1	4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is there an approved mix design? <input type="text"/>	Std. Spec. 406-6
2	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of compliance been submitted for the asphalt binder? <input type="text"/>	Std. Spec. 406-3.03
3	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of analysis been submitted for the mineral admixture? <input type="text"/>	Std. Spec. 406-3.02

If the N value is selected, information shall include a location and an explanation in the comment section.

Quantlists for Inspectors

Nonconforming Events

If "No" is selected, a drop down box appears.



Item #	Wgt	Y	N	N/A	Attributes	Reference
1	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fraud Poster Title 18, US Code Section 1020.	Fed. Req. 1022
1						
2	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Equal Employment Opportunity Poster - English Title VII of the Civil Rights Act of 1964.	Fed. Req. 1994 0 368 769
					1/1/0001 12:00:00 AM	
3	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spanish version of the Equal Employment Opportunity poster.	Fed. Req.

Quantlists for Inspectors

Quantlist Initial/Final Conformance

- **Initial Conformance** – results of the initial inspection of product, prior to corrective action by the contractor.
- **Final Conformance** – results after corrective action taken.

Inspection Statuses

- **Corrected:** when nonconforming items are corrected; comments describing the corrective action are entered in the Comment section below the attribute.
- **Not Corrected:** when nonconforming items are not corrected
- **Approved As Is:** when nonconforming items are approved by an Engineer with the authority to do so. Detailed justification for approval is placed in the Comment section below the attribute.
- **Comments shall be entered in the Comments box for any time the N is selected.**

Quantlists for Inspectors

N/A Classifications

Item #	Wgt	Y	N	N/A	Attributes	Reference
1	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there an approved mix design? 01/01/0001 12:00:00 AM	Std. Spec. 406-6
2	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of compliance been submitted for the asphalt binder? 01/01/0001 12:00:00 AM	Std. Spec. 406-3.03
3	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of analysis been submitted for the mineral admixture? 01/01/0001 12:00:00 AM	Std. Spec. 406-3.02

N/A means Not Applicable to this project or cannot be inspected during the time of this review.

Quantlists for Inspectors

Date/Time Field

Item #	Wgt	Y	N	N/A	Attributes	Reference
1	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there an approved mix design?	Std. Spec. 406-6
					01/01/0001 12:00:00 AM	
2	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of compliance been submitted for the asphalt binder?	Std. Spec. 406-3.03
					01/01/0001 12:00:00 AM	
3	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of analysis been submitted for the mineral admixture?	Std. Spec. 406-3.02
					01/01/0001 12:00:00 AM	

Each time an event is selected, a date and time stamp will be added to the attribute.

Quantlists for Inspectors

Examples of References

Item #	Wgt	Y	N	N/A	Attributes	Reference
1	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there an approved mix design? 01/01/0001 12:00:00 AM	Std. Spec. 406-6
2	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of compliance been submitted for the asphalt binder? 01/01/0001 12:00:00 AM	Std. Spec. 406-3.03
3	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Has the certificate of analysis been submitted for the mineral admixture? 01/01/0001 12:00:00 AM	Std. Spec. 406-3.02

- Standard Specifications
- Standard Drawings
- MUTCD
- OSHA
- Manufacturer Requirements
- ADOT Testing Manual


Note: Only the primary references are listed; follow up with other references.

Module 5

The Footer of the Quantlist

Quantlists for Inspectors

Footer - Calculations



Initial Conformance: 80 Parity: 10 Final Conformance: 93.33 Parity: 4

A percent conformance and a parity are calculated each time an attribute is classified and for each completed quantlist.

Conformance percent = [sum of 'yes' events / (sum of 'yes' events + sum of 'no' events)][(100)].

Quantlists for Inspectors

Bottom of Quantlist When Printed Out

Initial Non-Conforming Parity Value	10
Initial Number of non-conforming attributes	3
Initial Conformance=(Sum yes's/Sum yes's+Sum no's)*100	84.21
Final Non-Conforming Parity Value	4
Final Number of non-conforming attributes	1
Final Conformance=(Sum yes's/Sum yes's+Sum no's)*100	94.74

Note: The Parity is the sum of the weights of all of the no's. It is not presently being used at the project level.

Quantlists for Inspectors

Conformance Field

Initial Conformance: 68.18 Parity: 24 Final Conformance: 86.36 Parity: 8

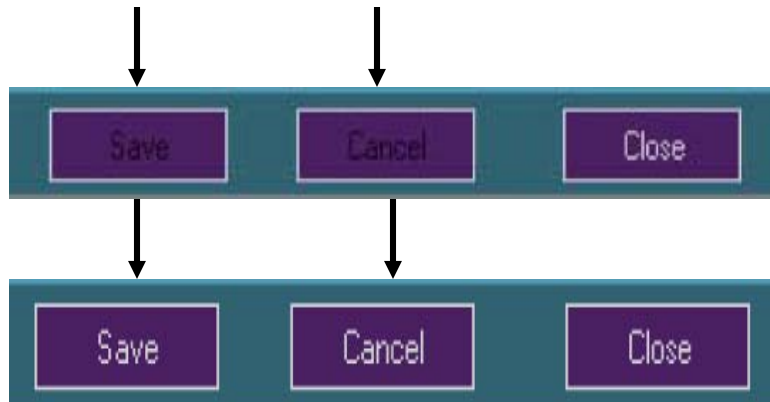
The percentage is based on the initial number of Y and N events.

The percentage will change based on the number of initial nonconforming items that are corrected or approved by the Engineer.

Quantlists for Inspectors

The Save Button

The Save button can be clicked at any time. The initial and final conformances will remain the same.

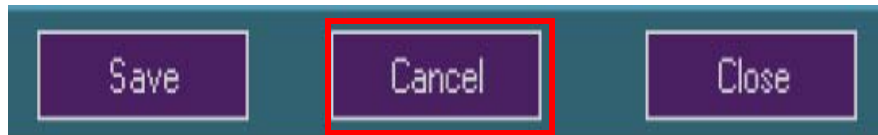


The Save and Cancel buttons will disappear until another attribute is classified.

After another attribute has been checked, the Save and Cancel buttons will reappear.

Quantlists for Inspectors

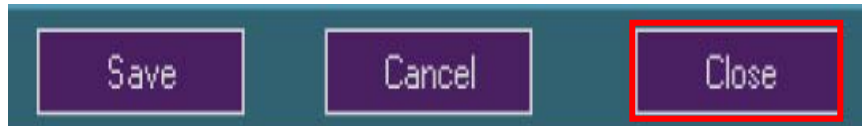
The Cancel Button



The Cancel button will delete the entire quantlist if it has not previously been saved or completed.

Quantlists for Inspectors

The Close Button – Incomplete Attributes



When the Close button is clicked, this window appears.



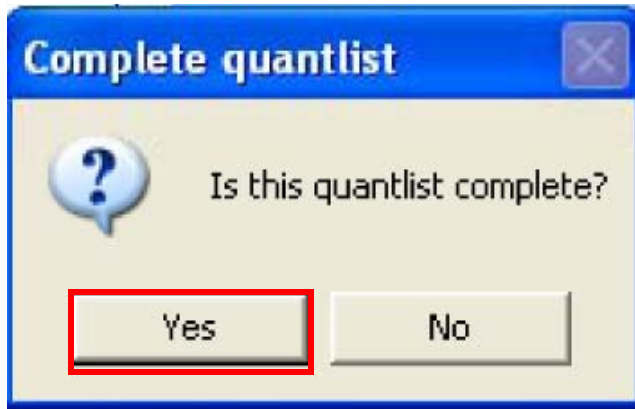
When clicking on the Yes button, this reminder window appears, listing the incomplete attributes.



Clicking the OK button returns you to the Quantlist Project Page.

Quantlists for Inspectors

Close Button – All Attributes Complete



If Yes is clicked, the quantlist will be permanently saved in the database.

Module 6

Returning to the Quantlist Project Page

Quantlists for Inspectors

To return to the Quantlist Project page

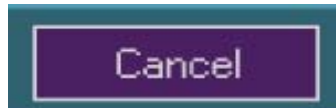
- Click one of the following buttons:

- Close



or

- Cancel



- As appropriate

Quantlists for Inspectors

Columns on the Quantlist Project page

Name of
the
Quantlist

Only the
first
Identifier

The most
final Percent
Conformance

Parity
not
presently
used



Quantlist	Identifier	Subcontractor	Conformance	Parity	Status
Bulletin Board - Job Site	test	180 CONNECT INC	0	0	Active

Quantlists for Inspectors

Status of quantlists on Quantlist Project page

- Active – the quantlist is incomplete.

ADOT Construction Operations Quantlist Application - Project

File Tools Help

ABC [Globe] [Printer] [Magnifying Glass] [EXIT]

TRACS #:

Project: Resident Engineer:

Active Quantlists | CA Reports

Quantlist	Identifier	Subcontractor	Conformance	Parity	
Corrugated Metal Pipe	12345	PIPELINE SERVICES, INC.	84.21	10	
Roadway Striping	SB1300+25-...	RADICH CONSTRUCTION, INC.	76.47	24	Active
ET-Plus End Treatment (Concrete)	EB 150+00	THE LUDWIG CORPORATION	88.89	10	Active

Active Status

Quantlists for Inspectors

Status of quantlists on Quantlist Project Page

Complete Pending Upload– all information needed has been entered. The quantlist will be uploaded automatically the next time you open the Quantlist application and are online.

The Quantlist can also be uploaded manually using the upload download button.



Complete
Pending
Upload
Status

TRACS #:	<input type="text" value="H652701C"/>	<input type="button" value="Find"/>			
Project	<input type="text" value="MP 007.29 - MP 012.05"/>	Resident Engineer: <input type="text" value="Unknown"/>			
Active Quantlists	CA Reports				
Quantlist	Identifier	Subcontractor	Conformance	Parity	Status
W-Beam Guardrail	11	3-D DEVELOPMENT	72.73	15	CompletePendin...
Work Zone Traffic Control	SR 83	3 J TRUCKING	68.18	24	CompletePendin...

Quantlists for Inspectors

Status of quantlists on Quantlist Project page

Complete – the quantlist has been completed and uploaded when you opened the application online or you have manually uploaded it.

ADOT Construction Operations Quantlist Application

File Tools Help

ABC [Globe] [Printer] [Magnifying Glass] [EXIT]

TRACS #:

Project: Resident Engineer:

Active Quantlists | CA Reports

Quantlist	Identifier	Subcontractor	Conformance	Parity	Status
Corrugated Metal Pipe	12345	PIPELINE SERVICES, INC. ...	84.21	10	Complete
Roadway Striping	SB1300+25-...	RADICH CONSTRUCTION, INC.	76.47	24	Active
ET-Plus End Treatment (Concrete)	EB 150+00	THE LUDWIG CORPORATION ...	88.89	10	Active

Quantlists for Inspectors

Reopening an active quantlist

Double click on the line of the desired quantlist.

TRACS #:

Project: Resident Engineer:

Active Quantlists | CA Reports

Quantlist	Identifier	Subcontractor	Conformance	Parity	Status	
Corrugated Metal Pipe	12345	PIPELINE SERVICES, INC.	...	84.21	10	Complete
Roadway Striping	SB1300+25-...	RADICH CONSTRUCTION, INC.	...	76.47	24	Active
ET-Plus End Treatment (Concrete)	EB 150+00	THE LUDWIG CORPORATION	...	88.89	10	Active

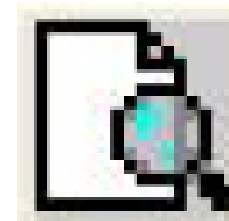
Quantlists for Inspectors

Printing Quantlists

- Quantlists can be printed for any status, ranging from
 - Blank Quantlists
through
 - Complete Quantlists

- Use either:
 - The print command on the File menu
or
 - The Printer icon on the tool bar

- Use of the Print Preview icon is optional



Quantlists for Inspectors

Checklist Reference Material (partial listing)

Standard Specifications

MUTCD

Stored Specifications

Materials Testing Manual

Construction Manual

Standard Drawings

**Policy and Procedure
Directive**

**ADOT Traffic Control
Design Guidelines**

Construction Bulletin

**ADOT Supplement to the
Manual on Uniform Traffic
Control Devices**

OSHA



Quantlists for Inspectors

Next Steps

To take the course in its entirety with the module quizzes and final assessment; please visit the ADOT Learning Center located on the ADOT intranet (adotnet).

Click on the [Training](#) link at the bottom of the adotnet homepage; from there select find the Training Resources Heading and click on Online Training.

The link for this course is entitled Quantlist for Inspectors.