pennsylvania
DEPARTMENT OF TRANSPORTATION

CLEARANCE TRANSMITTAL
D-10-003 (Step One)

DATE SENT January 15, 2010

DATE DUE February 5, 2010

TO: Send to Org. Checked Below	Coordinated with (Check Below)
	Secretary of Transportation
	Deputy Sec. for Administration
	Deputy Sec. for Highway Administration
	Deputy Sec. for Planning
	Dep. Sec. for Local & Area Transportation
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	Chief Engineer
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X	Bur. of Construction & Materials
X	Bur. of Design
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X	Bridge Quality Assurance Division
X	Design Services Division
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X	Contract Dev and Award Section
X	Utilities and Right of Way Section
X	Consultant Agreement Section
X	Environmental Quality Assurance Div
X	Bur. of Maintenance & Operations
X	Bur. of Municipal Services
X	Bur. of Highway Safety & Traffic Eng.
X	All District Executives
X	All District ADE- Design
X	All District ADE- Construction
X	All District ADE- Maintenance
X	ADE Services, District 6-0
X	All District Highway /Plans Engineers
X	All District Bridge Engineers
X	All District Contract Management Units
X	FHWA PA Division
X	APC (Jason Wagner)
X	ACEC/PA (Andy Hilt)
X	PA TURNPIKE (Michael Shaak)
X	ACPA (Josh Beakley)
X	PCPA (Patrick Kinsella)
X	NCSPA (Michael McGough)
X	Plastics Pipe Institute (Michael Pluimer)
X	Aries Industries
X	Cues
X	Rausch
X	Envirosight
X	RS Technical Services

From: **T. P. Macioce, P.E., Chief, Bridge Quality Assurance Division**

ATTACHED MATERIAL IS SUBMITTED FOR YOUR REVIEW AND COMMENTS. IF NOT RETURNED BY THE DUE DATE, WE WILL CONSIDER THE MATERIAL APPROVED UNLESS ADVISED OTHERWISE.

Title: Laser Ring Profile & Video Camera Inspection of Pipe Culverts

Remarks: This clearance transmittal includes revisions to:

- Publication 408, Specifications, Section 601 Pipe Culverts
- Publication 2, Project Office Manual, Part C, Section 6, Pages 5-1 and 5-2

This clearance transmittal includes additions to:

- Publications 19, Pennsylvania Test Method, PTM No. 450-Final Inspection of 100-Year Design Life Pipe Installations

Collectively, these documents add laser ring profile and video inspection requirements for reinforced concrete, corrugated metal, and thermoplastic pipes in 100-year design service life installations, i.e., under the pavement or between curbs on interstate and arterial roadway classifications. The current inspection practices in Publication 408, Section 601 will apply to pipe installations on roadways classified as collector and local roadways.

New pipe construction item numbers and descriptions will be added to the Engineering and Construction Management System (ECMS) to identify the pipes that are required to be inspected with laser/video procedures. This will also provide for separate unit prices to differentiate costs between the laser/video inspection and the current conventional inspection requirements. Examples of item numbers and descriptions are also attached.

DEPARTMENT PERSONNEL CAN VIEW AND PRINT THE SECTIONS AT:
P:\penndot shared\Bridge\Laser Video Inspection

NON-PENNDOT PERSONNEL CAN VIEW AND PRINT THE SECTIONS AT:
ftp://ftp.dot.state.pa.us/transfer/ClearanceTransmittals_1/BOD/BQAD/LaserVideoInspection

Originator: Thomas P. Macioce, P.E.

YOUR COMMENTS:

☐ APPROVED ☐ DISAPPROVED ☐ MODIFIED

If disapproved or modified give reason WHY. (Use Reverse Side if Necessary)

IMPORTANT NOTE: Please provide comments using the Microsoft Excel file entitled "ClearanceTransmittalFormLaserVideoInspection.xls" located in the reviewer locations noted above. Please download the spreadsheet, populate it with your comments, save it with a new filename, and return to nkrise@state.pa.us

NAME (Please Print) _____ TELEPHONE NUMBER _____

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NAME	NIKKI KRISE	*BUREAU*	DESIGN

DIVISION/SECTION	*BUILDING & ROOM #*	*TELEPHONE NUMBER*
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