PonTex Update

Bridge Division VTC

August 20, 2010

What is PonTex?

- System developed in-house to manage bridge inspection data
- Relational database
- Web-based
- Role-based
- Will replace (but not retire) BRINSAP

Why PonTex? – or, Why Not BRINSAP?

- Existing inspection data (BRINSAP) resides on the mainframe.
- BRINSAP is in flat file format – not a relational database.
- BRINSAP data is not “live” – updated weekly (or whenever batched mainframe transactions are run).

Why PonTex?

- BRINSAP wasn't designed to accommodate elemental inspection data (modified AASHTO CoRE Elements).
- BRINSAP has error checking on back end (after data has already been input).
- BRINSAP has limited audit capability (who really changed that, and when?).
- BRINSAP will not willingly integrate into a BMIS.

PonTex Attributes

- Security – PonTex security is "role-based." A user can only perform those activities allowed by the role.

- Web Based – PonTex can be accessed wherever an internet connection exists.

PonTex Attributes

- Validations – PonTex validates data before it can be submitted.
- Elements – PonTex stores elemental data.
- Inspection History – All inspections are stored in PonTex.

PonTex Attributes

- Audit Trail – All changes to bridge, roadway and inspection data are logged.
- Capability to store digital images associated with bridge or inspection event.

PonTEX Access

- TxDOT Users – MTS connection through Bridge Division Home Page on intranet

- Non-TxDOT Users - Citrix connection through internet (requires Citrix account setup):

  https://txdotsg.dot.state.tx.us

Bridge Division Home Page - Windows Internet Explorer

File Edit View Favorites Tools Help

http://crossroads/org/brg/

Bridge Division Home Page

BRIDGE DIVISION

QUICK LINKS

- Bridge Home
- TxDOT Internet
- Crossroads
- Organizational Chart
- Bridge News
- Bridge Facts
- Report on Texas Bridges
- Division Awards
- Division Manuals

- Division Management
- Project Development
- Bridge Design
- Field Operations
- Administration

For questions or comments on this website, please contact Kelly Breazeale at kbreaze@dot.state.tx.us.

Bridge Division Field Operations - Windows Internet Explorer

File Edit View Favorites Tools Help

http://crossroads/org/brg/FO/index2.htm

Bridge Division Field Operations

Field Operations

QUICK LINKS

- Bridge Home
- TxDOT Internet
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- Organizational Chart
- Bridge News
- Bridge Facts
- Report on Texas Bridges
- Division Awards
- Division Manuals

- Section Management
- Section Organizational Chart

Construction and Maintenance

- Lead-Based Paint Issues in Removal of Existing Structures
- Welding Certification Requirements (pdf)
- Asbestos Procedures (pdf) (Updated February 4, 2008)
- Contacts and Responsibilities
- Construction and Materials Tips Newsletter

Fabrication

- Shop Drawings
  - Electronic Submission of Shop Drawings
  - Items Reviewed by the Bridge Division
  - Research Project 5197
  - Optional (Alternate) Designs
  - Submittal Requirements for Metal Railing
  - Pre-Construction Meeting Shop Drawing Submittal Forms
  - Presubmittal checks
  - Hardcopy Requirements
  - Shop Plan Review Contacts
  - Field Change Order Related Revisions
  - Using Adobe Acrobat for Shop Plan Reviews
  - Review Tips
  - Terminology

Inspection

- Status Update
- Contact Lists
- Contracts
- Database and Coding
- Memorandums and Advisories
- Electronic Forms
- Equipment Available to Districts
- Photos
- PonTex Information
- Rating Program

Geotechnical

- Test Pile Data (Form 181, pdf)
- Approved Concrete Block Retaining Wall Systems (pdf)
- Approved MSE Panel Systems
- Construction Bulletin C-8: Pile Driving Manual
- Construction Bulletin C-9: Drilled Shaft Manual

Reference

- Bridge Inspectors Reference Manual Volume I - October
- Codes and Laws
- Load Restricted Bridge

Field Operations - Windows Internet Explorer

File Edit View Favorites Tools Help

http://crossroads/org/brg/FO/PonTex.htm

Field Operations

QUICK LINKS

- Bridge Home
- TxDOT Internet
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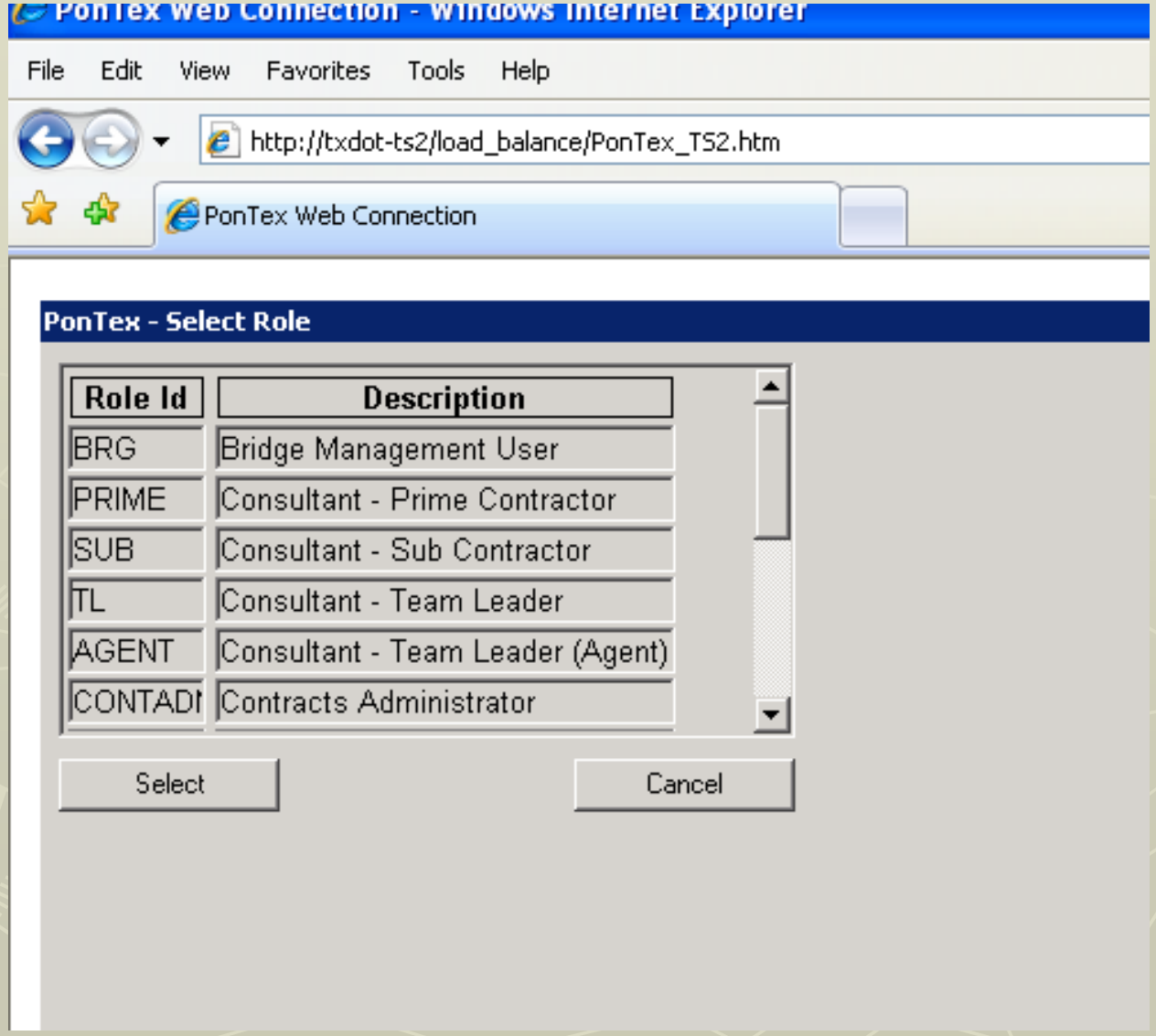
- Bridge Facts
- Report on Texas Bridges
- Division Awards
- Division Manuals

Field Operations

- PonTex
- PonTex Status Update
- PonTex Video Manuals
- (Must Have Windows Media Player 9+)
- PonTex External - Citrix Login Instructions
- PonTex 1.10 User Manual
- PonTex Internal - MTS Login Instructions

Updated February 26, 2010.
Please email feedback on these topics to kbreaze@dot.state.tx.us.

Select Role


PonTex Web Connection - Windows Internet Explorer
File Edit View Favorites Tools Help
http://txdot-ts2/load_balance/PonTex_TS2.htm
PonTex Web Connection
PonTex - Select Role
Role Id
Description
BRG
Bridge Management User
PRIME
Consultant - Prime Contractor
SUB
Consultant - Sub Contractor
TL
Consultant - Team Leader
AGENT
Consultant - Team Leader (Agent)
CONTADI
Contracts Administrator
Select
Cancel

PonTex Roles

- BRG – Bridge Management User
- PRIME – Consultant Prime Contractor
- SUB – Consultant Subcontractor
- TL – Inspection Team Leader
- AGENT – Data Input Only
- CONTADM – Contract Administrator
- DST – District Bridge Inspection Office

PonTex Roles (cont'd)

- ENV – Environmental Affairs Division Reviewer (Item 37 Hist. Sig. Only)
- FCI – Fracture Critical Inspector
- LRI – Load Rating Inspector
- UWI – Underwater Inspector
- SCOUR – TxDOT Scour Engineer (Item 113.1 Only)
- READ – TxDOT User (Read Only)

PonTex Tabs

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 06-186-0-0140-01-316

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | Components

District: 06 **County:** 186 **Control:** **Section:** **Maint Sec:** **Sys:** All **Brdg Status:** Active Reset Filter

Dist	Cnty	Maint Sect	Structure Number	Features Intersected	Facility Carried	Location	Last Insp Date	
06	186	03	06-186-0-0140-01-123	DRAW	IH 10 WB	8.90 MI E OF FM 1053	04/28/2005	02
06	186	03	06-186-0-0140-01-124	DRAW	IH 10 EB	8.90 MI E OF FM 1053	04/28/2005	02
06	186	03	06-186-0-0140-01-125	DRAW	IH 10	9.65 MI E OF FM 1053	05/07/2005	02
06	186	03	06-186-0-0140-01-126	IH 10	US 67 NB	14.40 MI E OF SH 18	10/28/2007	02
06	186	03	06-186-0-0140-01-129	DRAW	IH 10	0.25 MI E OF US 67	05/07/2005	02
06	186	03	06-186-0-0140-01-285	DRAW	IH 10 & WB RAMP	2.20 MI E OF FM 1053	04/28/2005	02
06	186	03	06-186-0-0140-01-313	SH 18	IH 10 WB	1.60 MI E OF US 285	11/01/2007	02
06	186	03	06-186-0-0140-01-314	SH 18	IH 10 EB	1.60 MI E OF US 285	11/01/2007	02
06	186	03	06-186-0-0140-01-315	DRAIN	IH 10 S FR	0.15 MI E OF SH 18	04/28/2005	02
06	186	03	06-186-0-0140-01-316	IH 10	FM 1053	0.60 MI E OF SH 18	11/01/2007	02
06	186	03	06-186-0-0140-01-317	S ORIENT RR & NW RR AVE	IH 10 WB	0.45 MI E OF FM 1053	11/01/2007	02
06	186	03	06-186-0-0140-01-318	S ORIENT RR & NW RR AVE	IH 10 EB	0.45 MI E OF FM 1053	11/01/2007	02
06	186	03	06-186-0-0140-01-320	COMANCHE CREEK	IH 10 EB	1.95 MI E OF SH 18	11/01/2007	02
06	186	03	06-186-0-0140-01-321	COMANCHE CREEK	IH 10 WB	1.95 MI E OF SH 18	11/01/2007	02
06	186	03	06-186-0-0140-01-322	7-D RD	IH 10 EB	2.35 MI E OF SH 18	11/01/2007	02
06	186	03	06-186-0-0140-01-323	7-D RD	IH 10 WB	2.35 MI E OF SH 18	11/01/2007	02
06	186	03	06-186-0-0140-02-015	DRAW	IH 10 N FR	0.75 MI E OF US 67	09/19/2008	02
06	186	03	06-186-0-0140-02-016	DRAW	IH 10 N FR	0.80 MI W OF FM 2023	09/20/2008	02

Refresh List | New Bridge | Edit | Delete Bridge | Select All

nvf_set_bridge_protection: BRG | PONTISDV | BRG | 88 | 04-13-2010 09:27:16

Connected to *TXDOT-TS2*

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 06-186-0-0140-01-316 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | **Identification** | Geometry | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | Components

Structure Identification:

Structure Number: 061860014001316
Name:
District Notes (126): `
Bridge Description: 4 - Simple Span Reinforced Concrete Flat Slab

Location:

District (2): 06
County (3): 186
Control (8.4): 0140
Section (8.5): 01
Permanent Bridge Number (8.6): 316
City Code (4): 14950
Feature Intersected (6.1): IH 10
Facility Carried (7): FM 1053
Location (9): 0.60 MI E OF SH 18
GPS Latitude (16.1): 30.9072068 | 30° 54' 25.94"
GPS Longitude (17.1): 102.87472217 | 102° 52' 29.00"
Collection Method (17.2): 4-Generated from reference marker data

061860014001316 | A | Active

Age and Service:

Year Built (27): 1983
Year Reconstructed (106):
Widening Code (106.1): 0-No widening or not applicable
Type of Service On (42.1): 1-Highway (highway stream crossing
Type of Service Under (42.2): 1-Highway, with or without pedestrian

Management:

Maintenance Responsibility (21): 01-State Highway Agency
Owner (22): 01-State Highway Agency
System Designation: 1-On System
Maintenance Section Number (22.1): 03
Project Type (23.1): 1-Federal Aid (F.A.)
Neighboring State Code (98.1): Blank-Not BorderBridge
Percent Responsibility (98.2):
Border Bridge Structure Number (99):
CSJ When Built (23.2): 0140 | 01 | 047
Historical Significance (37): 5-Not eligible for the National Registe
NBIS Bridge Length (112): Y-Yes
Land-Locked: No Insp Dist: 06

Save Bridge | New Bridge | Delete Bridge | Validate Tab | Validate All | Bridge Cmt | Map It!

nvf_set_bridge_protection: BRG | PONTISDV | BRG | 88 | 04-13-2010 09:27:16

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 06-186-0-0140-01-316 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | **Geometry** | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | Components

Deck:

Bridge Median (33):	0-No medians
Skew (34):	19
Structure Flared (35):	0-No Flare
Left Sidewalk Width (50.1):	0.0
Right Sidewalk Width (50.2):	0.0
Approach Roadway Width (32):	68
Bridge Roadway Width (51):	67.2
Deck Width Out-to-Out (52):	70.0
Lanes On Structure (28.1):	05
Lanes Under Structure (28.2):	04

Vertical Clearance:

Minimum Vertical Clearance Over Bridge Deck (53):	9999	ft / in
Minimum Vertical Underclearance Reference Feature (54.1):	H-Highway beneath structure	
Minimum Vertical Underclearance (54.2):	1609	ft / in

Lateral Clearance:

Minimum Lateral Underclearance on Right Reference Feature (55.1):	H-Highway beneath structure
Minimum Lateral Underclearance on Right (55.2):	42.7
Minimum Lateral Underclearance on Left (56):	34.7

Navigation:

Navigation Control (38):	N-Not applicable, no waterway
Navigation Vertical Clearance (39):	0
Navigation Horizontal Clearance (40):	0
Minimum Navigation Vertical Clearance Vertical Lift Bridge (116):	

061860014001316

Save Bridge | New Bridge | Delete Bridge | Validate Tab | Validate All | Bridge Cmt

nvf_set_bridge_protection: BRG | PONTISDV | BRG | 88 | 04-13-2010 09:27:16

Connected to *TXDOT-TS2*

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 06-186-0-0140-01-316 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | Geometry | **Structure** | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | Components

Span Configuration:

Total Number of Spans (46): 4
Number of Main Spans (45.1): 2
Number of Major Approach Spans (45.2): 002
Number of Minor Approach Spans (45.3):
Maximum Span Length (48): 110
Structure Length (49): 330

		Main Span		Major Approach Span		Minor Approach Span
Superstructure						
Superstructure Type	(43.1.1):	1-Simple Span	(43.2.1):	1-Simple Span	(43.3.1):	Blank-Not Applicable
Roadway Type	(43.1.2):	1-Deck	(43.2.2):	1-Deck	(43.3.2):	Blank-Not Applicable
Member Type	(43.1.3):	31-PS Concrete Girder - Multip	(43.2.3):	31-PS Concrete Girder - Multip	(43.3.3):	Blank-Not Applicable
Substructure						
Above Ground Type	(44.1.1):	3-Multiple Column Bent	(44.2.1):	3-Multiple Column Bent	(44.3.1):	Blank-Not Applicable
Below Ground Type	(44.1.2):	4-Drilled Shafts	(44.2.2):	4-Drilled Shafts	(44.3.2):	Blank-Not Applicable
Bent Cap Type	(44.1.3):	1-Concrete	(44.2.3):	1-Concrete	(44.3.3):	Blank-Not Applicable
Deck						
Structure Type	(107.1):	1-Concrete Cast-in-Place	(107.2):	1-Concrete Cast-in-Place	(107.3):	N-Not Applicable or Non-vehic
Wearing Surface Type	(108.1.1):	6-Bituminous	(108.2.1):	6-Bituminous	(108.3.1):	N-Not Applicable
Membrane Type	(108.1.2):	8-Unknown	(108.2.2):	8-Unknown	(108.3.2):	N-Not Applicable
Protection	(108.1.3):	8-Unknown	(108.2.3):	8-Unknown	(108.3.3):	N-Not Applicable

Culvert / Tunnel

Culvert Span Type (43.4.1): Blank-Not Applicable
Culvert Main Member Type (43.4.2): Blank-Not Applicable
Tunnel Type (43.5): Blank-Not Applicable

061860014001316

Save Bridge | New Bridge | Delete Bridge | Validate Tab | Validate All | Bridge Cmt

nvf_set_bridge_protection: BRG | PONTISDV | BRG | 88 | 04-13-2010 09:27:16

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 06-186-0-0140-01-316 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | Geometry | Structure | **Loading** | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | Components

Status:

Operational Status (41): A-Open, No Restriction

Load Restriction Code (41.1): N-Not Applicable

Load Restriction (41.2): NNN 1000 lbs.

Last Load Rating Inspection Date: 01/01/1900 mm/dd/yyyy

Loading:

Design Load (31): 5-HS 20

Operating Rating Method (63): 1-Load Factor (LF)

Operating Rating Type of Loading (64.1): 2-HS Loading

Operating Rating Gross Loading (64.2): 49 tons

Inventory Rating Method (65.1): 1-Load Factor (LF)

Inventory Rating Type of Loading (66.1): 2-HS Loading

Inventory Rating Gross Loading (66.2): 36 tons

Bridge Posting (70): 5-Equal to or above legal loads

061860014001316

Save Bridge | New Bridge | Delete Bridge | Validate Tab | Validate All | Bridge Cmt

nvf_set_bridge_protection: BRG | PONTISDV | BRG | 88 | 04-13-2010 09:27:16

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 06-186-0-0140-01-316 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | Geometry | Structure | Loading | **Inventory Route** | Intersecting Route | Inspection & Appraisal | Element Condition | Components

Route Information:

Structure Function (5.1): 2-Single route goes "Under" the
Principal Inventory Route (5.2): 11-Interstate Highway
Designated Level of Service (5.3): 1-Mainlane (service roads and ra
Route Number (5.4): 0010
Directional Suffix (5.5): 0-Not Applicable
Route Suffix (5.6): 0
Toll Facility (20): 3-On free road. The structure is
Inventory Route Functional Classification (26): 11-Interstate 5-49K Pop
Minimum Vertical Clearance (10): 1900 ft / in
Total Horizontal Clearance (47): 38.5

Traffic Information:

Inventory Milepoint (11): 37.860
Inventory Route Milepoint Date (11.1): 198403
Reference Marker and Displacement (11.2): 0263 -03309
Direction of Traffic (102): 2-way traffic
Parallel Structure Designation (101): N-No parallel structure exists.
Temporary Structure Designation (103): (blank)-No Temporary Structure
Bypass, Detour Length (19): 01
AADT (29): 5470
Year of AADT (30): 2005
AADT Truck Percent (109): 54
Future AADT (114): 8310
Year of Future AADT (115): 2025

Federal Systems Classification:

Base Highway Network (12): Blank-Not Applicable
LRS Inventory Route (13.1):
Subroute Number (13.2):
STRAHNET Highway Designation (100): 1-The route is on a Interstate STI
National Highway System Designation (104): 1-The Route is on the NHS
Federal Lands Highway (105): 0-Not applicable
Nation Network Designation (110): 1-The route is part of the nationa

061860014001316 1

Save Route | Validate Tab | Validate All | Bridge Cmt

nvf_set_bridge_protection: BRG | PONTISDV | BRG | 88 | 04-13-2010 09:27:16

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 06-186-0-0140-01-316 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | **Intersecting Route** | Inspection & Appraisal | Element Condition | Components

Route Information:

Control (8.4A): 0866 Section (8.5A): 05 Bridge (8.6A): 316

Structure Function (5.1A): 1-Route carried "On" the structu

Principal Inventory Route (5.2A): 15-Farm or Ranch to Market Roa

Designated Level of Service (5.3A): 1-Mainlane (service roads and ra

Route Number (5.4A): 1053

Directional Suffix (5.5A): 0-Not Applicable

Route Suffix (5.6A): 0

Toll Facility (20A): 3-On free road. The structure is

Inventory Route Functional Classification (26A): 14-Minor Arterial 5-49K Pop

Minimum Vertical Clearance (10A): 9999 ft / in

Total Horizontal Clearance (47A): 67.2

Traffic Information:

Intersecting Milepoint (11A): 32.246

Intersecting Route Milepoint Date (11.1A): 197405

Reference Marker and Displacement (11.2A): 0400 +00960

Direction of Traffic (102A): 2-way traffic

Parallel Structure Designation (101A): N-No parallel structure exists.

Temporary Structure Designation (103A): (blank)-No Temporary Structure

Bypass, Detour Length (19A): 01

AADT (29A): 4200

Year of AADT (30A): 2005

AADT Truck Percent (109A): 25

Future AADT (114A): 5880

Year of Future AADT (115A): 2025

Federal Systems Classification:

Base Highway Network (12A): Blank-Not Applicable

LRS Inventory Route (13.1A):

Subroute Number (13.2A):

STRAHNET Highway Designation (100A): 0-The route is not a STRAHNET

National Highway System Designation (104A): 0-The Route is not on the NHS

Nation Network Designation (110A): 1-The route is part of the nationa

061860014001316 2

Save Route | Delete IR | Validate Tab | Validate All | Bridge Cmt

nvf_set_bridge_protection: BRG | PONTISDV | BRG | 88 | 04-13-2010 09:27:16

PonTex

File Edit Bridge Roadway Inspection Reports Tools Help

Structure Number: 06-186-0-0140-01-316 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | Intersecting Route | **Inspection & Appraisal** | Element Condition | Components

11/01/2007 (A) No Image(s) Attached

Schedule:

	Required Y / N:	Frequency:		Last Date:	
Routine Inspection:		(91): 24	mos	(90): 11/1/2007	mm/dd/yyyy
Fracture Critical Inspection / Req (92.1.1):	N-No	(92.1.2):	mos	(93.1):	mmyyyy
Underwater Inspection / Req (92.2.1):	N-No	(92.2.2):	mos	(93.2):	mmyyyy
Other Special Inspection / Req (92.3.1):	N-No	(92.3.2):	mos	(93.3):	mmyyyy

Special Flags:

Underwater Inspection (88.1): N-Underwater inspec
Fracture Critical Areas (88.2): NN-Structure without
Steel Type (88.3): N-Structure does not
Year Steel Painted (88.4):

Condition Ratings:

Deck Condition (58): 7-GOOD CONDITION
Superstructure Condition (59): 7-GOOD CONDITION
Substructure Condition (60): 7-GOOD CONDITION
Channel Condition (61): N-NOT APPLICABLE
Culvert Condition (62): N-NOT APPLICABLE

Routine Inspection **Accepted**

06-186-0-0140-01-316 | 0006 | RT | 1 | 0 | A | | <NULL>

Appraisal Ratings - Entered:

Traffic Safety Bridge Railings (36.1): 1-Meet Current Accepta
Traffic Safety Transitions (36.2): 1-Meet Current Accepta
Traffic Safety Approach Guardrail (36.3): 1-Meet Current Accepta
Traffic Safety Approach Guardrail Ends (36.4): 0-Does Not Meet Curre
Roadway Approach Condition (65): 7-GOOD CONDITION
Waterway Adequacy (71): N-Not Applicable
Approach Roadway Alignment (72): 8-No Speed Reduction
Pier or Abatement Protection (111): Blank-Not Applicable
Scour Critical (113): N-Bridge Not Over Wat
Scour Plans of Action / Unknown Foundations (113.1): Blank-Not Applicable
Over Height Damage (128): N-No damage to beam

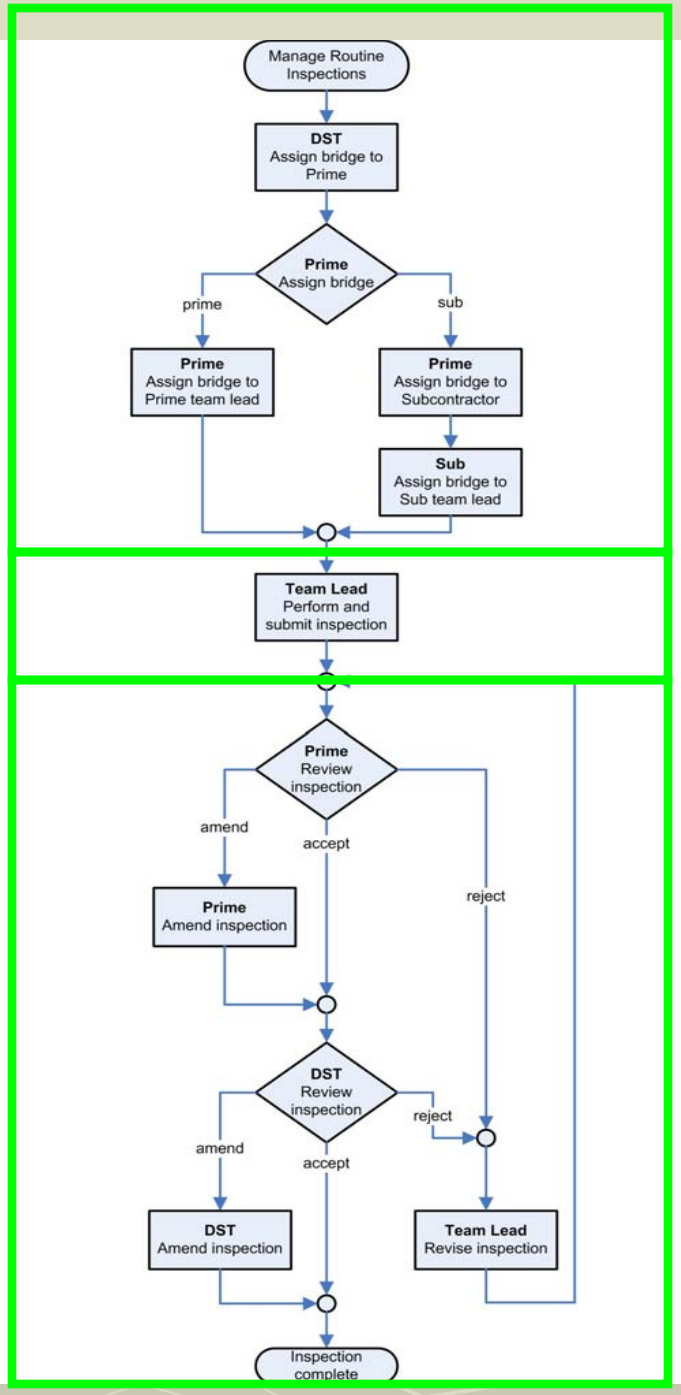
Appraisal Ratings - Calculated:

Structure Evaluation (67): 7-Exceeds Present Minimu N
Deck Geometry (68): 5-Better than Minimum Tol N
Vertical and Horizontal Underclearances (69): 7-Exceeds Present Minimu N
Structurally Deficient /Functionally Obsolete (120):
Sufficiency Rating (121): 98.6

Insp Cmt | Print | Show Images | Chng Log

nvf_set_bridge_protection: BRG | PONTISDV | BRG | 88 | 04-13-2010 09:27:16

PonTex Overview: Inspection Life Cycle

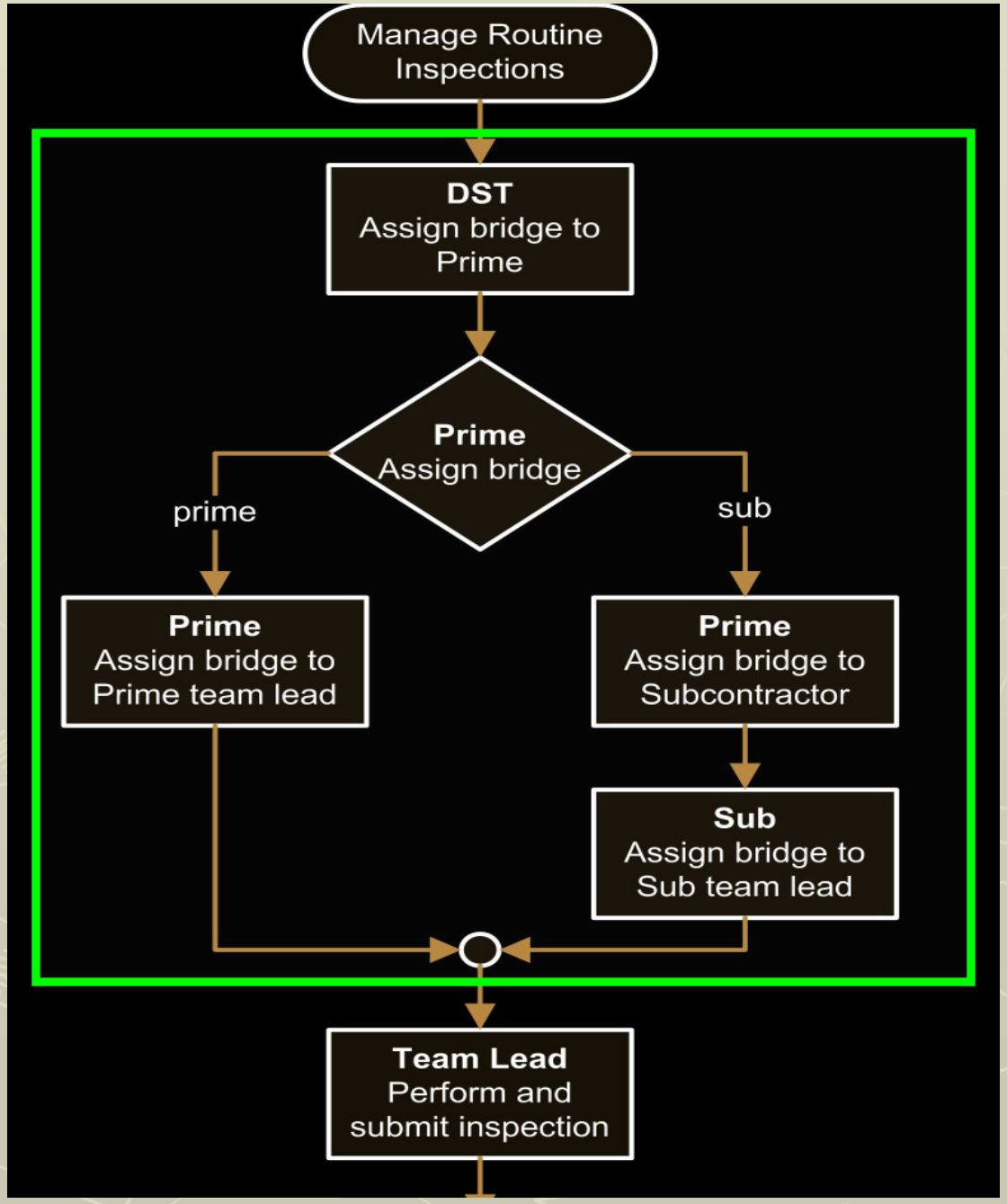


Assignment

Inspection

Review

Assignments


Manage Routine Inspections
DST
Assign bridge to Prime
Prime
Assign bridge
prime
sub
Prime
Assign bridge to Prime team lead
Prime
Assign bridge to Subcontractor
Sub
Assign bridge to Sub team lead
Team Lead
Perform and submit inspection

Assignment

Assignments

- Company, contract information, team leaders, and subcontractors must first be created through the Company Tab, Contract Tab, and Users Tab.
- The "Assignment" tab is used to assign bridges to Bridge Division Inspectors, District Personnel, Prime Contractors, Subcontractors, and Team Leaders.
- Bridges are selected from the assignment list, which can be filtered by County, Control, Section, System, etc.

Assignments

- A bridge is assigned to a Prime Contractor through a "Contract" and "Work Authorization.“
- A District Bridge Inspection Office user can assign bridges to Prime Contractors.
- Prime Contractors can assign bridges to their own Team Leaders or to a Subcontractor.

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 03-049-0-0195-01-083

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | Components

Programming | Review | **Assignments** | Users | Company | Contracts | Bridge Entry

District: **County:** **Control:** **Section:** **Maint Sec:** **Sys:** All **Status:** Unassigned Reset Filter

Dist	Cnty	Maint Sect	Structure Number	Features Intersected	Facility Carried	Location	Reference Marker
01	092	08	01-092-0-0729-02-013	W SISTER GROVE CRK	FM 121	3.4 MI E OF US 75	0602 +01100
01	092	08	01-092-0-0729-02-014	E SISTER GROVE CRK	FM 121	4.4 MI E OF US 75	0604 +00079
02	120	02	02-120-0-0391-07-045	SALT CREEK	FM 4	3.4 MI S OF FM 2210	0250 +01919
02	120	02	02-120-0-1333-03-003	BOARD TREE CREEK	FM 1191	2.3 MI S OF US-380	0244 +01002
02	184	09	02-184-0-0539-05-019	ROCK CREEK	FM 1885	1.3 MI W OF FM 113	0516 +01473
03	005	13	03-005-0-0133-07-014	KICKAPOO CREEK	SH 114	3.2 MI E OF FM 210 S	0482 +01104
03	005	13	03-005-0-0133-07-015	BITTER CREEK	SH 114	4.5 MI E OF FM 210	0484 +00354
03	005	01	03-005-0-0137-04-017	SOUTH SIDE IRRIG.CANAL	SH 25	1.8 MI S OF SH 258	0202 +00143
03	005	01	03-005-0-0137-04-018	DRAW	SH 25	1.5 MI N OF US 277	0204 +01010
03	005	01	03-005-0-0137-05-019	BULL CREEK	SH 25	5.5 MI N OF FM 368	0208 +00133
03	005	01	03-005-0-0137-05-020	HOLLIDAY CREEK	SH 25	2.8 MI S OF US 277	0208 +01258
03	005	01	03-005-0-0137-05-021	DRAW	SH 25	4.3 MI N FM 368	0208 +01396
03	005	01	03-005-0-0137-05-022	PANTHER CREEK	SH 25	1.4 MI N FM 368	0212 +00340
03	005	01	03-005-0-0137-05-023	DRAW	SH 25	7.3 MI N FM 210	0212 +01877
03	005	01	03-005-0-0137-05-025	DRAW	SH 25	6.7 MI N OF FM 210	0214 +00516
03	005	01	03-005-0-0137-05-026	MORGAN BRANCH	SH 25	4.8 MI N OF FM 210	0216 +00472
03	005	01	03-005-0-0137-05-027	DRAW	SH 25	1.6 MI N OF FM 210	0218 +01643
03	005	01	03-005-0-0137-05-028	DRAW	SH 25	1.51 MI N OF FM 210	0218 +01819

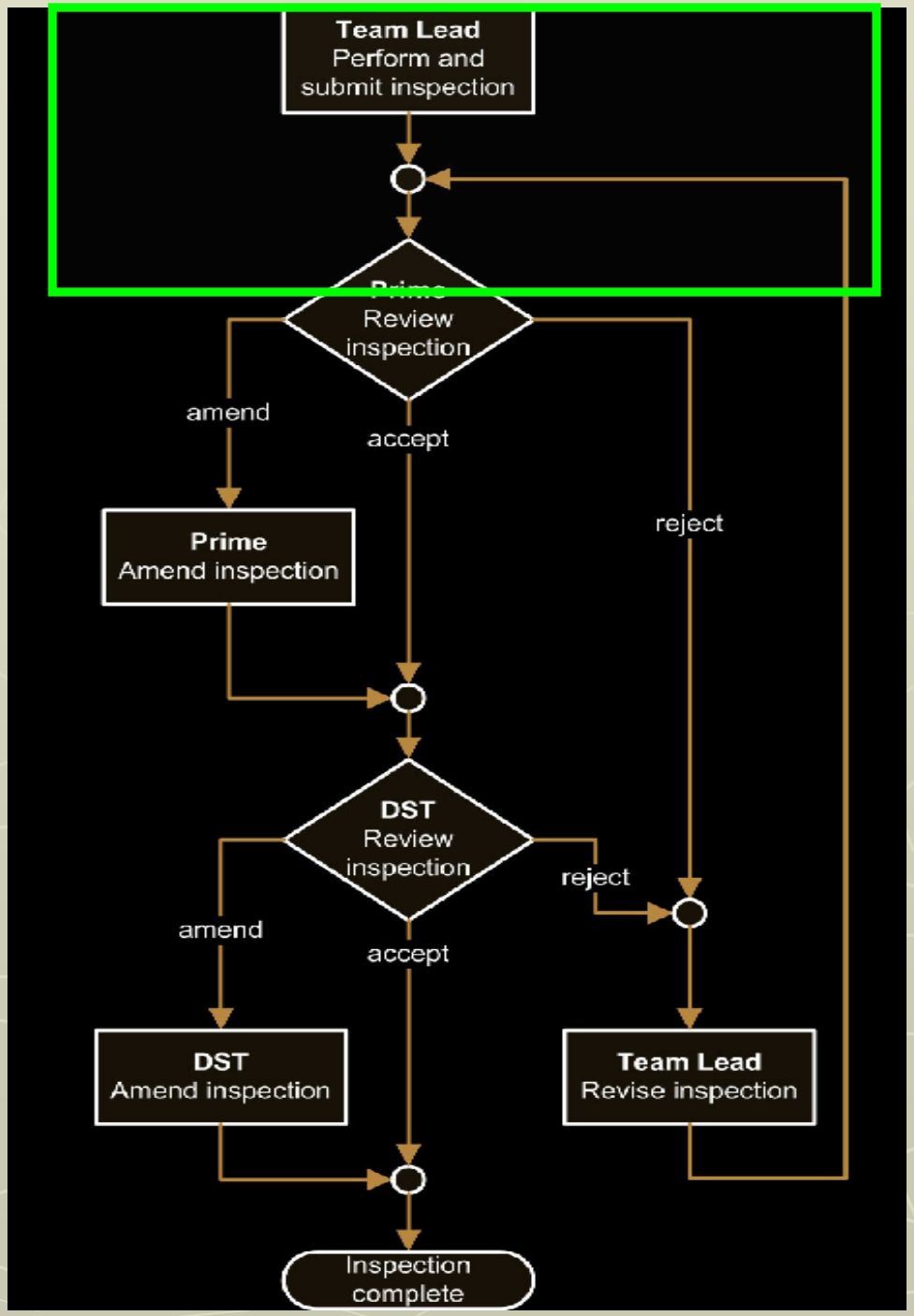
Retrieve | Assign to Inspector | Un-Assign

1355 bridges found. | PONTISPD | BRG | 88 | 04-13-2010 14:21:05

Assignment to Team Leader

Inspection

Inspection


Team Lead
Perform and submit inspection
Prime
Review inspection
amend
accept
reject
Prime
Amend inspection
DST
Review inspection
reject
amend
accept
DST
Amend inspection
Team Lead
Revise inspection
Inspection complete

Inspection

- Team Leader retrieves assigned bridges.
- Span by span elements and components are created
- Team Leader conducts inspection, recording both NBI and Elemental data.
- Team Leader submits inspection to Prime.

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 03-169-0-0224-03-051 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | **Element Condition** | Components

TxDOT Elements | NBI Conditions

Bridge Inspection Record

District: 03 **County:** 169 **Control-Section:** 0224-03 **Structure:** 051 **Route:** SH 59

Description: 4 - Simple Span Prestressed Concrete Beam Bridge With a 45 Degree Right Forward Skew

Feature: US 287 **Inspector:** R. Scott Cronch **Inspection Date:**

Company: Rodriguez Engineering Bridge Inspections **Inspection:** 03-169-0-0224-03-051:0008-RT-1-0

Component	Comment	Min Rating	Element Description	Description Extension	NBI Rating
Deck Condtion (58)		6	Median Barrier		N
		6	Railings		7
		7	Railing Protective Coating		8
		7	Delineation (curve markers)		N
			Other		N
Superstructure Condition (59)		0	Main Members - Steel		N
		0	Main Members - Concrete		8
		0	Main Members - Timber		N
		0	Main Members - Connections		N
		1	Floor System Members		N
		1	Floor System Connections		N
		5	Secondary Members		8
		5	Secondary Member Connections		8
		6	Expansion Bearings		8

General Comments:

Elemental Comments (Cmt):

Save | Cancel | Validate Tab | Validate All | Add Comment | Edit Comment | Delete Comment

nvf_set_bridge_protection: BRG | PONTISPD | BRG | 88 | 04-13-2010 13:40:36

NBI Inspection Items

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 03-169-0-0224-03-051 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | **Element Condition** | Components

(•) TxDOT Elements ( ) NBI Conditions

Inspection Record - Field Inspection and Coding TxDOT Elemental Data

Structure: 03-169-0-0224-03-051 **Description:** 4 - Simple Span Prestressed Concrete Beam Bridge With a 45 Degree Right Forward Skew
Location: AT SH 59 AND US 287 **Company:** Rodriguez Engineering Bridge Inspections
Facility: SH 59 **Inspector:** R. Scott Cronch **Inspection Date:** 03/11/2010
Length: 413 **Width:** 50.2 **Area:** 20732.6 **sq. ft.** **Inspection:** 03-169-0-0224-03-051:0008-RT-1-0

S/B	Element	Cmt / SF	Description	Units	Total	Cond 1	Cond 2	Cond 3	Cond 4	Cond 5
Ab1	215		Abutment - Reinforced Concrete	LF	71	61	10	0	0	
Ab1	270		Wing Wall - Reinforced Concrete	EA	2	1	1	0	0	
Ab1	272		Rip Rap Slope Protection - Reinforced Concrete	EA	1	1	0	0	0	
Ab1	300		Strip Seal Expansion Joint	LF	71	61	10	0		
Ab1	310		Elastometric Bearing	EA	7	7	0	0		
S1	12.1		Conventionally Formed	EA	1	1	0	0	0	0
S1	61		Two-Course Surface Treatment	EA	1	1	0	0	0	
S1	109.1		Types A, B, C, 54", 72", IV and VI Beams	LF	450	450	0	0	0	
S1	166		Secondary Members - Reinforced Concrete	EA	15	15	0	0	0	
S1	333		Bridge Rail - Other	LF	130	110	20	0		

Smart Flags (SF):

S/B	Element	Description	Units	Total	Cond 1	Cond 2	Cond 3	Cond 4	Cond 5

General Comments:

Elemental Comments (Cmt):

Save | Cancel | Validate Tab | Validate All | Add Smart Flag | Delete Smart Flag | Add Comment | Edit Comment | Delete Comment | Condition Desc

nvf_set_bridge_protection: BRG | PONTISPD | BRG | 88 | 04-13-2010 13:40:36

PonTex

File Edit Bridge Roadway Reports Tools Help

Structure Number: 03-169-0-0224-03-051 **Find Item:** 002.0 District

Programming | Review | Assignments | Users | Company | Contracts | Bridge Entry

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | **Components**

Structure: 03-169-0-0224-03-051

Inspection Date: 03/11/2010

Components:

Inspection: 03-169-0-0224-03-051:0008-RT-1-0

Type	Seq.	S/B No.	Description
Ap	1	Ap1	Approach
Ab	1	Ab1	Abutment
S	1	S1	Span
B	2	B2	Bent
S	2	S2	Span
B	3	B3	Bent
S	3	S3	Span
B	4	B4	Bent
S	4	S4	Span
Ab	5	Ab5	Abutment
Ap	2	Ap2	Approach

Component

Add

Insert

Copy

Delete

Element

Add Delete

Elements:

S/B	Elmt No.	Category	Description	Units	Total	Active
B2	205.1	Substructure	Column or Pile Extension - Reinforced Concrete -- Column	EA	3	☑
B2	234	Substructure	Bent Cap - Reinforced Concrete	LF	71	☑
B2	300	Other Elements	Strip Seal Expansion Joint	LF	71	☑
B2	310	Other Elements	Elastometric Bearing	EA	14	☑

Save Cancel

nvf_set_bridge_protection: BRG | PONTISPD | BRG | 88 | 04-13-2010 13:40:36

PonTex Report Preview

Bridge Inspection Record

Form 1085-P

District: 03 County: 049 Cont-Sec: 0195-01 Structure: 083 Route: FRONTAGE ROAD Maint Sect: 04

Description: 4 - Continuous Span Steel Beam Bridge

Feature Crossed: IH 35 Inspector's Signature: Date: 2/3/2010

Company Name: Rodriguez Engineering Bridge Inspections [F-1562] Inspector: R. Scott Cronch

N - Not Applicable
9 - Excellent condition
8 - Very good condition
7 - Good condition - some minor problems
6 - Satisfactory condition - minor deterioration of structural elements (limited)
5 - Fair condition - minor deterioration of structural elements (extensive)
4 - Poor condition - deterioration significantly affects structural capacity
3 - Serious condition - deterioration seriously affects structural capacity
2 - Critical condition - bridge should be closed until repaired
1 - Failing condition - bridge closed but repairable
0 - Failed condition - bridge closed but beyond repair

Enter a rating for each element of each component. The rating should equal or exceed the minimum rating listed to the left of each element. Component Ratings should equal the lowest rating of any element of the component. Fully supportive comments are to be made hereon or on attachments for all ratings of 7 or below.

Deck (Item 58)

Min.		Rating
1	Deck - Rating	5
6	Wearing - Surface	6
6	Joints, Expansion, Open	6
6	Joints, Expansion, Sealed	-
6	Joints, Other	-
6	Drainage System	8
6	Curbs, Sidewalks & Parapets	6
6	Median Barrier	-
6	Railings	6
7	Railing Protective Coating	7
7	Delineation (curve markers)	-

Substructure (Item 60)

Min.		Rating
0	Abutment Caps	7
0	Above Ground	-
0	Below Ground or Foundation	8
0	Backwalls & Wingwalls	6
0	Intermediate Supports	
	Caps - Concrete	7
	Caps - Steel	-
	Caps - Timber	-
	Above Ground - Concrete	7
	Above Ground - Steel	-
	Above Ground - Timber	-

Close Print Set Up Print Save As

PonTex Report Preview

4/13/2010

Texas Department of Transportation
Bridge Division
PonTex Detail Bridge Report

STRUCTURE NUMBER: 03-049-0-0195-01-083 0008 RT 1 0

(006-1) FEATURE: IH 35

(007-0) FACILITY: FRONTAGE ROAD

(009-0) LOCATION: 2.0 MI S OF US 82

ITEM #	DESCRIPTION	VALUE
(005-1)	STRUCTURE FUNCTION	2
(004-0)	CITY CODE	15630
(005-2)	HWY. SYS	11
(005-3)	RT. DESIGN	1
(005-4)	HWY NO	0035
(005-5)	ROUTE DIR	0
(006-2)	CRIT. BRDG	
(010-0)	RT.MIN VERT CLR	17FT 00IN
(011-0)	MI-POINT	15.198
(011-1)	MIPT DATE (PRI)	197405
(011-2)	REF-MKR and DISP	0497 +00975
(011-A1)	MIPT DATE (IR)	197405
(012-0)	BASE HWY NETWORK	
(013-1)	LRS INVENTORY	
(013-2)	LRS SUB RT.	
(016-0)	LATITUDE (D / M / S)	333813.57
(016-1)	GPS LAT (DEG.)	33.63710181
(017-0)	LONGITUDE (D / M / S)	970920.8
(017-1)	GPS LONG (DEG.)	97.15577748
(017-2)	COLLECTION METHOD	4
(019-0)	BYPASS LENGTH	0
(020-0)	TOLL	3
(021-0)	MAINT. RESPON	01
(022-0)	OWNER	01
(022-1)	MAINT.SECT NO	04
(023-1)	PROJECT TYPE	9
(023-2)	CONT / SECT / JOB	0195-01-028
(026-0)	FUNCT.CLASS	11
(027-0)	YR ORGIN BUILT	1960
(028-1)	LANES ON STR	02
(028-2)	LANES UNDER STR	06
(029-0)	AADT	36500
(030-0)	YR OF AADT	2008
(031-0)	DESIGN LOAD	4
(032-0)	APPROACH WIDTH	28
(033-0)	MEDIAN	0
(034-0)	SKEW	0
(035-0)	STR.FLARED	0
(036-0)	TRAF.SAFETY FEAT	0000
(037-0)	HISTORICAL SIGNIF	4
(038-0)	NAVIG CNTL	N
(039-0)	NAVIG VERT CLR	0
(040-0)	NAVIG HORIZ CLR	0
(041-0)	OPER.STATUS	A
(041-1)	LOAD TYPE	N
(041-2)	LOAD IN 1000 LBS	NNN
(042-0)	TYPE SERVICE	11
(043-1)	MAIN SPAN TYPE	2111
(043-2)	MAJ.APP SPAN TYPE	

ITEM #	DESCRIPTION	VALUE
(045-2)	NO.MAJ APPR SPAN	
(045-3)	NO.MIN APPR SPAN	
(046-0)	TOTAL NUMBER SPANS	4
(047-0)	TOTAL HORIZ CLR	050.8
(048-0)	MAX.SPAN LENGTH	60
(049-0)	STR.LENGTH	210
(050-1)	LEFT SIDEWALK	00.0
(050-2)	RIGHT SIDEWALK	00.0
(051-0)	ROADWAY WIDTH	024.0
(052-0)	DECK WIDTH	027.2
(053-0)	VERT.CLR OV	99FT 99IN
(054-1)	VERT.CLR REF FEAT	H
(054-2)	VERT.CLR UND	16FT 03IN
(055-1)	LAT.CLR REF FEAT	H
(055-2)	RIGHT LAT CLEAR	16.4
(056-0)	LEFT LAT CLEAR	03.8
(058-0)	DECK COND	5
(059-0)	SUPERSTR COND	6
(060-0)	SUBSTR COND	6
(061-0)	CHANN-PROTECT	N
(062-0)	CULVERT	N
(063-0)	METHOD OPR.RATING	1
(064-0)	OPERATIONAL RATING	240
(065-0)	RDWY APPR COND	6
(065-1)	METHOD INV.RATING	1
(066-0)	INVENTORY RATING	224
(067-0)	STR.EVALUATION	5
(068-0)	DECK GEOMETRY	2
(069-0)	UND.CLR VERT / HORIZ	4
(070-0)	BRIDGE POSTING	5
(071-0)	WATERWAY ADEQUACY	N
(072-0)	APPR RDWY ALIGH	8
(075-0)	TYPE WORK-REPLACE	381
(076-0)	LENGTH IMPROVEMENT	210
(088-0)	ST-FRAC-CRIT/STEEL	NNN2
(090-0)	LAST INSP(MMDDYYYY)	2/3/2010
(091-0)	DESIGNAT INSP FREQ	24
(092-1)	FRACT/CRITI DETAIL	N
(092-2)	UNDERWATER INSP	N
(092-3)	OTHER SPECIAL INSP	N
(093-1)	FRACT/CRITI (MMYYYY)	
(093-2)	UNWATER INSP (MMYYYY)	
(093-3)	OT/SPEC.INSP (MMYYYY)	
(094-0)	BDG IMPROVE COST	000010
(095-0)	RDWY IMPROVE COST	000003
(096-0)	TOTAL PROJECT COST	C 000013
(097-0)	YR IMPROVE COST EST	2008
(098-0)	BORDER BRIDGE	
(099-0)	BORDER STR NO	

ITEM #	DESCRIPTION	VALUE
(106-1)	WIDENING CODE	0
(107-1)	DECK STR TYPE MAIN SPAN	1
(108-1)	MAIN SPAN WEAR SF	188
(107-2)	STR.TYP MAJ APP SP	N
(108-2)	MAJ.APP SPN WEAR SF	NNN
(107-3)	SSTR.TYP MIN APP SP	N
(108-3)	MIN.APP SPN WEAR SF	NNN
(109-0)	AADT TRK PRECENT	20
(110-0)	DESIGN NATION NETWORK	1
(111-0)	PIER/ABUT PROTECT	
(112-0)	MBIS BRIDGE LENGTH	Y
(113-0)	SCOUR CRITI BRDG	N
(113-1)	SCOUR VULNERABILITY	
(114-0)	FUTURE AADT	51140
(115-0)	FUTURE AADT YEAR	2028
(116-0)	MIN.NAVIG VERT CLR	
(119-0)	COST ORIGN CONSTR	
(120-0)	DEFI / OBSO / 10YR RULE	0
(121-0)	SUFF.RATING	62.5
(122-0)	X-REF. PRIMARY RT ID	
(123-0)	X-REF STR FUNC PRIMARY RT	
(124-0)	X-REF IR ID	
(125-0)	X-REF STR FUNC IR	
(126-0)	DIST USE	
(128-0)	OV HEIGHT DAMAGE	Y
(008-4A)	IR.CONTROL	0195
(008-5A)	IR.SECTION	01
(011-0A)	IR.MILEPOINT	15.198
(008-6A)	IR.STR NO	083
(008-3A)	IR.DUPL OVER	0
(005-1A)	IR.FUNCTION	1
(005-3A)	IR.DESIGNAT	8
(005-2A)	IR.HWY SYS	11
(005-4A)	IR.HWY NO	0035
(005-5A)	IR.DIR	0
(011-2A)	IR.REF-MKR / DISP	0497 +00975
(047-0A)	IR.HORIZ CLR	24.0
(010-0A)	IR.RT.MIN VERT CLR	99FT 99IN
(012-0A)	IR.BASE HWY NETWK	
(013-1A)	IR.LRS HWY	
(013-2A)	IR.LRS SUB RT	
(019-0A)	IR.BYPASS LGTH	0
(020-0A)	IR.TOLL	3
(026-0A)	IR.FUNCT CLASS	11
(029-0A)	IR.AADT	3200
(030-0A)	IR.YEAR OF ADT	2005
(100-0A)	IR.DEF HWY DESIGN	0
(101-0A)	IR.PAR STR DESIG	N

Close | Print Set Up | Print | Save As

PonTex Report Preview

TxDOT Element Inspection Detail Listing

Structure: 03-049-0-0195-01-083
Location: 2.0 MI S OF US 82
Facility: FRONTAGE ROAD
Length: 210 **Width:** 27.2

Description: 4 - Continuous Span Steel Beam Bridge
Company: Rodriguez Engineering Bridge Inspections
Inspector: R. Scott Cronch
Area: 5712 **sq. ft.**

Inspection Date: 02/03/2010
Inspection: 03-049-0-0195-01-083:0008-RT-1-(

General Comment

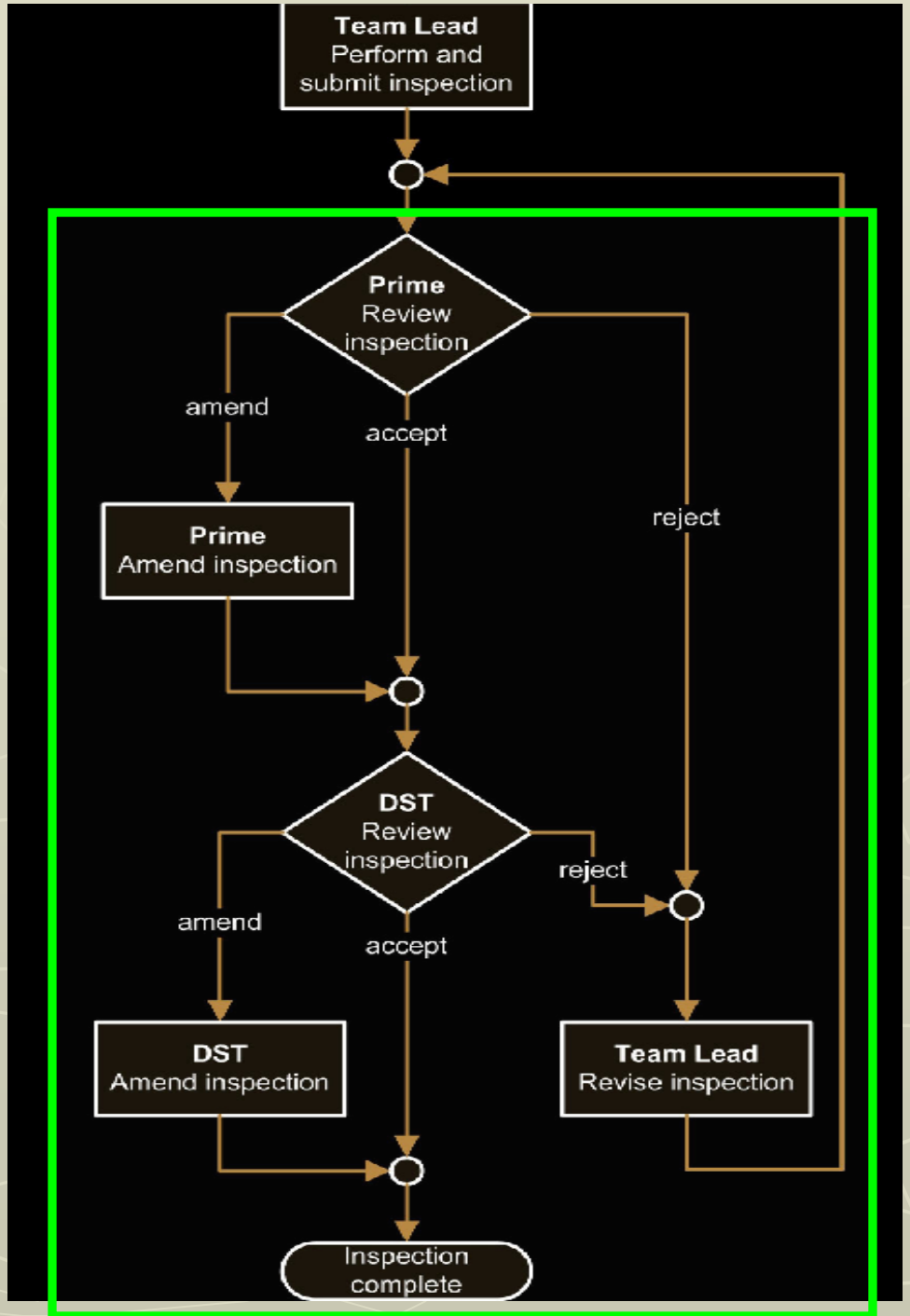
S/B	Element	Smart Flag	Description / Comment	Units	Total	Cond 1	Cond 2	Cond 3	Cond 4	Cond 5
Ap1	321		Approach Slab - Reinforced Concrete	EA	1	0	1	0	0	0
Ab1	215		Abutment - Reinforced Concrete	LF	27	20	7	0	0	0
Ab1	270		Wing Wall - Reinforced Concrete	EA	2	2	0	0	0	0
Ab1	272		Rip Rap Slope Protection - Reinforced Concrete	EA	1	1	0	0	0	0
Ab1	304		Open Expansion Joint	LF	27	0	27	0	0	0
Ab1	311		Movable Bearing (Roller, Rocker, Sliding, Etc.)	EA	4	0	4	0	0	0
S1	12.1		Conventionally Formed	EA	1	0	1	0	0	0
		403	Deck Cracking			1	0	0	0	0
		404	Soffit - Underside of Concrete Decks and Slabs			1	0	0	0	0
S1	107		Steel Girder, Riveted or Rolled Beam - Painted Steel	LF	180	80	100	0	0	0
S1	164		Secondary Members - Painted Steel	EA	9	0	9	0	0	0
S1	330		Bridge Rail - Metal	LF	90	90	0	0	0	0
B2	205.1		Column or Pile Extension - Reinforced Concrete -- Column	EA	2	1	1	0	0	0
		415	2 Column Bent			1	0	0	0	0
B2	234		Bent Cap - Reinforced Concrete	LF	27	23	4	0	0	0
B2	311		Movable Bearing (Roller, Rocker, Sliding, Etc.)	EA	4	0	4	0	0	0
S2	12.1		Conventionally Formed	EA	1	0	1	0	0	0
		403	Deck Cracking			1	0	0	0	0
		404	Soffit - Underside of Concrete Decks and Slabs			1	0	0	0	0
S2	107		Steel Girder, Riveted or Rolled Beam - Painted Steel	LF	240	40	190	10	0	0
S2	164		Secondary Members - Painted Steel	EA	12	4	8	0	0	0

Close | Print Set Up | Print | Save As

Review

Review

- Team Leader submits inspection to Prime.
- Prime accepts, rejects, or amends.
- Prime submits inspection to District Bridge Inspection Office.
- District accepts, rejects, or amends.
- Blocked filed changes are accepted or rejected by Bridge Management User (or ENV or Scour Engineer).


Team Lead
Perform and submit inspection
Prime
Review inspection
amend
accept
reject
Prime
Amend inspection
DST
Review inspection
reject
amend
accept
DST
Amend inspection
Team Lead
Revise inspection
Inspection complete

Review

PonTex

File Bridge Roadway Inspection Reports Tools Help

Structure Number: 15-015-0-0017-09-111

Users

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | Components | Programming | Review | Assignments

Review Type: Submitted Inspections

Structure	Insp	Typ	Seq	Ver	Last Insp	Contract	Company	Engineer
15-015-0-0017-09-108	0002	RT	1	0	02/23/2009	JO-00000001-1	JKO Inspections	Jim Olinger
15-015-0-0017-09-111	0002	RT	1	0	02/23/2009	JO-00000001-1	JKO Inspections	Jim Olinger
15-095-0-0025-10-060	0008	RT	1	0	01/30/2009	JO-00000001-1	JKO Inspections	Jim Olinger

Ready

Review

PonTex

File Bridge Roadway Reports Tools Help

Structure Number: 15-015-0-0017-09-113

Users

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | Components | Programming | Review | Assignments

Review Type:

Enter Comment

When rejecting an inspection, a comment is required.

Please review items 71 and 72.

Reject | Cancel

Schedule:

Routine Inspectio

Fracture Critical Ir

Underwater Ir

Other Special Ir

Special Flags:

Underwater Inspe

Fracture Critical

Steel

Year Steel Pa

Date:

/23/2009

Appraisal Ratings - Entered:

Traffic Safety Bridge Railings (36.1):	0-Does Not Meet Curre
Traffic Safety Transitions (36.2):	0-Does Not Meet Curre
Traffic Safety Approach Guardrail (36.3):	1-Meet Current Accepta
Traffic Safety Approach Guardrail Ends (36.4):	0-Does Not Meet Curre
Roadway Approach Condition (65):	7-GOOD CONDITION
Waterway Adequacy (71):	6-Meets Present Minim
Approach Roadway Alignment (72):	8-No Speed Reduction
Pier or Abatement Protection (111):	Blank-Not Applicable
Scour Critical (113):	8-Calculated Scour Ab
Scour Vulnerability (113.1):	A-Low Risk to Scour
Over Height Damage (128):	N-No damage to beam

Condition Ratings:

Deck Condition (58):	N-NOT APPLICABLE
Superstructure Condition (59):	N-NOT APPLICABLE
Substructure Condition (60):	N-NOT APPLICABLE
Channel Condition (61):	6-SATISFACTORY CONDITION
Culvert Condition (62):	6-SATISFACTORY CONDITION

Appraisal Ratings - Calculated:

Structure Evaluation (67):	6-Meets Present Minimum
Deck Geometry (68):	N-Not Applicable
Vertical and Horizontal Underclearances (69):	N-Not Applicable
Structurally Deficient /Functionally Obsolete (120):	
Sufficiency Rating (121):	73.5

Routine Inspection **District Review**

15-015-0-0017-09-113	0003	RT	1	0	S	D	Jim Olinger

Accept | Reject | Amend | Comments

Ready

Reject Inspection

PonTex

File Bridge Roadway Inspection Reports Tools Help

Structure Number: 15-015-0-0017-09-114

Users

Bridge List | Identification | Geometry | Structure | Loading | Inventory Route | Intersecting Route | Inspection & Appraisal | Element Condition | Components | Programming | Review | Assignments

02/23/2009

Schedule:

Routine Inspection:
Fracture Critical Inspecti
Underwater Inspecti
Other Special Inspecti

Special Flags:

Underwater Inspection (
Fracture Critical Areas (
Steel Type (
Year Steel Painted (

Condition Ratings:

Deck Condition
Superstructure Condition
Substructure Condition (60): 6-SATISFACTORY CONDITION
Channel Condition (61): N-NOT APPLICABLE
Culvert Condition (62): N-NOT APPLICABLE

Enter Comment

Waterway Adequacy (Item 071) is an Amended Field.
A Comment is Required to Save.

Item 71 entered incorrectly.

OK

Appraisal Ratings - Entered:

Traffic Safety Bridge Railings (36.1): 1-Meet Current Accepta
Traffic Safety Transitions (36.2): 0-Does Not Meet Curre
Traffic Safety Approach Guardrail (36.3): 1-Meet Current Accepta
Traffic Safety Approach Guardrail Ends (36.4): 1-Meet Current Accepta
Roadway Approach Condition (65): 7-GOOD CONDITION
Waterway Adequacy (71): 4-Meets Minimum Tole
Approach Roadway Alignment (72): 8-No Speed Reduction
Pier or Abatement Protection (111): Blank-Not Applicable
Scour Critical (113): N-Bridge Not Over Wat
Scour Vulnerability (113.1): A-Low Risk to Scour
Over Height Damage (128): N-No damage to beam

Appraisal Ratings - Calculated:

Structure Evaluation (67): 6-Meets Present Minimum
Deck Geometry (68): 7-Exceeds Present Minimu
Vertical and Horizontal Underclearances (69): 3-Requires Corrective Acti
Structurally Deficient /Functionally Obsolete (120): O
Sufficiency Rating (121): 91.8

Routine Inspection **Amending**

15-015-0-0017-09-114 | 0003 | RT | 1 | 0 | M | D | Jim Olinger

Save | Delete | Accept | Validate Tab | Comment | PONTISDV | DST 15

ItemChanged: wateradeq

"Prime Contractor" Amend Inspection

PonTex Implementation

- February 2008: Initial release for testing only:
  - Austin District
  - Fort Worth District
  - San Antonio District
  - Dallas District
- February 2009: Odessa District and Rio Engineering go live.

PonTex Implementation

- November 2009: Wichita Falls District and Rodriguez Engineering go live.
- July 2010: Fort Worth District and Klotz & Associates go live.
- September 2010: Laredo
- Will take approximately 2 years to phase in all districts and inspection consultants.

Further Down the Road

- Will begin to implement next release of PONTIS (approximately 1 year from now).
- Will use PonTex elemental inspection data to build initial deterioration models.
- Inspection data, deterioration models, and cost data will need to be integrated within PONTIS for bridge condition forecasting for various funding and action scenarios – BMIS.

Questions?

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