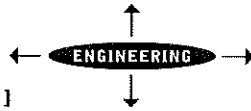


Environmental Safety Health Geotechnical

O'Reilly, Talbot & Okun

[A S S O C I A T E S]



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November 11, 2011

Project No. J1447-01-06

Prepared for:

Pittsfield Economic Development
Authority

81 Kellogg Street

Pittsfield, MA 01201

Semi-Annual Inspection

Building Demolition Barrier Areas

November 2011

20s and 30s Complexes

William Stanley Business Park

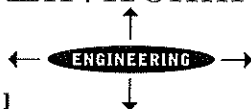
Pittsfield, Massachusetts

Prepared by:

O'Reilly, Talbot & Okun Associates,
Inc.

293 Bridge Street

Springfield, Massachusetts



Pittsfield Economic Development Authority
Semi-Annual Inspection
November 2011

Building Demolition Barrier Areas
20s and 30s Complexes
William Stanley Business Park
Pittsfield, Massachusetts

Introduction

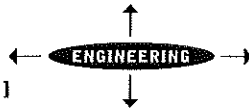
The Pittsfield Economic Development Authority (PEDA) is required to perform inspection activities at the Building Demolition Barrier Areas located in the William Stanley Business Park in Pittsfield, Massachusetts to assess the overall condition of the engineered barrier surfaces. One Building Demolition Barrier Area is located in the 30s Complex and two are located in the 20s Complex. The visual inspections were performed in accordance with Technical Attachment J Inspection and Maintenance Activities contained in Appendix E (Statement of Work for Removal Actions Outside the River) to the Consent Decree.

The second half 2011 inspection was completed on behalf of PEDA on November 9, 2011 by James Gagnon, LSP of O'Reilly, Talbot & Okun Associates, Inc. MassDEP representative Michael Backunas was present for the inspections.

Inspection Methodology

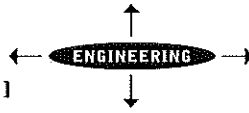
Advanced notice of the inspection was provided to MassDEP and EPA.

The assessments were performed by walking the entire surface of each barrier area. Each barrier surface was visually inspected for excessive cracking, fissures, spalling, or potholes caused by heaving, uneven settlement, and/or vehicular use. In addition, the surfaces were inspected for evidence of depressions, and/or water ponding, excessive rutting, or exposed subbase material. Other conditions noted include evidence of recent change in use of the barrier surface area; physical changes and conditions in areas immediately adjacent to the barrier surface area; and conditions which could compromise the integrity of the barrier surface area, such as soil erosion or excessive vegetative growth.



Inspection Results 20s Complex Barrier Area 1

- Barrier Area Description:
2.965 acre asphalt-paved parking lot
- Date of Inspection:
November 9, 2011
- Weather Conditions:
Sunny and Warm
- Type and Frequency of Inspection:
Thirteenth semi-annual visual inspection of Building Demolition Barrier Areas conducted by PEDDA after transfer of the property.
- Description of any significant modifications to the inspection program made since the submittal of the previous report:
No significant modifications were made to the inspection program since the submittal of the previous report.
- Description of any conditions or problems noted during the inspection which are or may be affecting the performance of the engineered barrier:
No conditions were observed which are or may be affecting the performance of the engineered barrier. Minor vegetative growth and cracking were observed. The cracks, which were repaired/sealed in 2009, do not appear to be affecting the performance of the barrier. Evidence of water ponding was observed in the north western portion of the barrier area. The ponding is not the result of settlement of the barrier area but rather appears to result from restricted drainage of precipitation off the barrier area. The grassed area adjacent to the barrier area appears to inhibit free flow of precipitation run-off.
- Descriptions of any measures taken to correct conditions which are affecting the performance of the barrier:
No conditions which require immediate correction were observed.
- Description of any measures that may need to be performed to correct any conditions affecting the performance of the barriers:
The cause of the water ponding should be reviewed by PEDDA's civil engineer to determine if corrective actions are necessary.

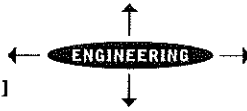


- General:

The overall condition of the barrier area can be described as very good. No conditions were observed on the barrier or on areas adjacent to the barrier that would currently compromise the integrity of the barrier surface area. The cause of the water ponding in the northwest corner of the barrier area should be reviewed by PEDDA's civil engineer to determine if corrective actions are necessary.

The barrier area is marked for parking of vehicles, but is currently not used for parking.

Field notes and photos are attached.



Inspection Results 20s Complex Barrier Area 2

- **Barrier Area Description:**
948 square feet concrete surface; vault 29A area

- **Date of Inspection:**
November 9, 2011

- **Weather Conditions:**
Sunny and Warm

- **Type and Frequency of Inspection:**
Thirteenth semi-annual visual inspection of Building Demolition Barrier Areas conducted by PEDDA after transfer of the property.

- **Description of any significant modifications to the inspection program made since the submittal of the previous report:**
No significant modifications were made to the inspection program.

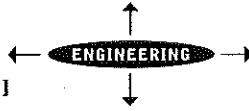
- **Description of any conditions or problems noted during the inspection which are or may be affecting the performance of the engineered barrier:**
No conditions were observed which are or may be affecting the performance of the engineered barrier.

- **Descriptions of any measures taken to correct conditions which are affecting the performance of the barrier:**
No conditions which require correction were observed.

- **Description of any measures that may need to be performed to correct any conditions affecting the performance of the barriers:**
No corrective actions required at this time.

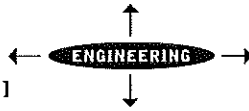
- **General:**
The overall condition of the barrier area can be described as very good. No conditions were observed on the barrier or on areas adjacent to the barrier that would compromise the integrity of the barrier surface area.

Field notes and photos are attached.



Inspection Results 30s Complex Barrier Area

- Barrier Area Description:
32,833 square feet asphalt paved surface
- Date of Inspection:
November 9, 2011
- Weather Conditions:
Sunny and Warm
- Type and Frequency of Inspection:
Thirteenth semi-annual visual inspection of Building Demolition Barrier Areas conducted by PEDDA after transfer of the property.
- Description of any significant modifications to the inspection program made since the submittal of the previous report:
No significant modifications were made to the inspection program since the submittal of the previous report.
- Description of any conditions or problems noted during the inspection which are or may be affecting the performance of the engineered barrier:
No conditions which require immediate correction were observed. Repairs made to a damaged portion of the barrier area in fall 2009 appear sound and have addressed the prior issue.
- Descriptions of any measures taken to correct conditions which are affecting the performance of the barrier:
No conditions which require immediate correction were observed during this inspection.
- Description of any measures that may need to be performed to correct any conditions affecting the performance of the barriers:
No corrective actions required at this time.



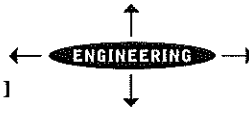
- General:

The overall condition of the barrier area can be described as very good. No conditions were observed on the barrier or on areas adjacent to the barrier that would compromise the integrity of the barrier surface area.

New and used utility poles are currently stored on the barrier area. Jersey Barriers are used to distribute the weight of the utility poles. This activity has not impacted the barrier area.

Field notes and photos are attached.

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20s COMPLEX
BARRIER AREA #1

SEMI-ANNUAL INSPECTION
BUILDING DEMOLITION BARRIER AREAS

WILLIAM STANLEY BUSINESS PARK
20s COMPLEX
PITTSFIELD, MASSACHUSETTS

20s Complex
Barrier Area 1

Date	11-9-11
Inspector	J. O'AGNON
Weather Conditions	Sunny warm
Evidence Of Change In Use	NONE
Physical Changes And Conditions Adjacent To Barrier Area	NONE
Soil Erosion	NONE
Excessive Vegetative Growth	SOME veg growth; NOT excessive
Excessive Cracking	Some cracking; NOT excessive
Fissures	Some wide cracks (3") well sealed
Spalling	NONE
Potholes	NONE
Heaving or Uneven Settling	NONE
Vehicular Use	TRUCKS from PCB site 2 in 30s
Depressions	NONE
Water Ponding	Several areas some evidence
Excessive Rutting	NONE
Exposed Subbase	NONE



20s Building Demolition Barrier Area #1
View Looking East
11/9/11



20s Building Demolition Barrier Area #1
Typical Crack Sealed in 2009
11/9/11

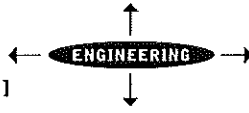


20s Building Demolition Barrier Area #1
Typical Vegetation Growth
11/9/11



20s Building Demolition Barrier Area #1
Sign of Restricted Drainage
11/9/11

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20s COMPLEX
BARRIER AREA #2

SEMI-ANNUAL INSPECTION
BUILDING DEMOLITION BARRIER AREAS

WILLIAM STANLEY BUSINESS PARK
20s COMPLEX
PITTSFIELD, MASSACHUSETTS

20s Complex
Barrier Area 2

Date	11-9-11
Inspector	J. Gagnier
Weather Conditions	Sunny Warm
Evidence Of Change In Use	None
Physical Changes And Conditions Adjacent To Barrier Area	None
Soil Erosion	None
Excessive Vegetative Growth	None
Excessive Cracking	None
Fissures	None
Spalling	None
Potholes	None
Heaving or Uneven Settling	None
Vehicular Use	None
Depressions	None
Water Ponding	None
Excessive Rutting	None
Exposed Subbase	None

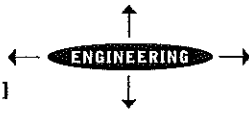


20s Building Demolition Barrier Area #2
View Looking North
11/9/11



20s Building Demolition Barrier Area #2
Typical Crack
11/9/11

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[A S S O C I A T E S]



30s COMPLEX
BARRIER AREA

SEMI-ANNUAL INSPECTION
BUILDING DEMOLITION BARRIER AREAS

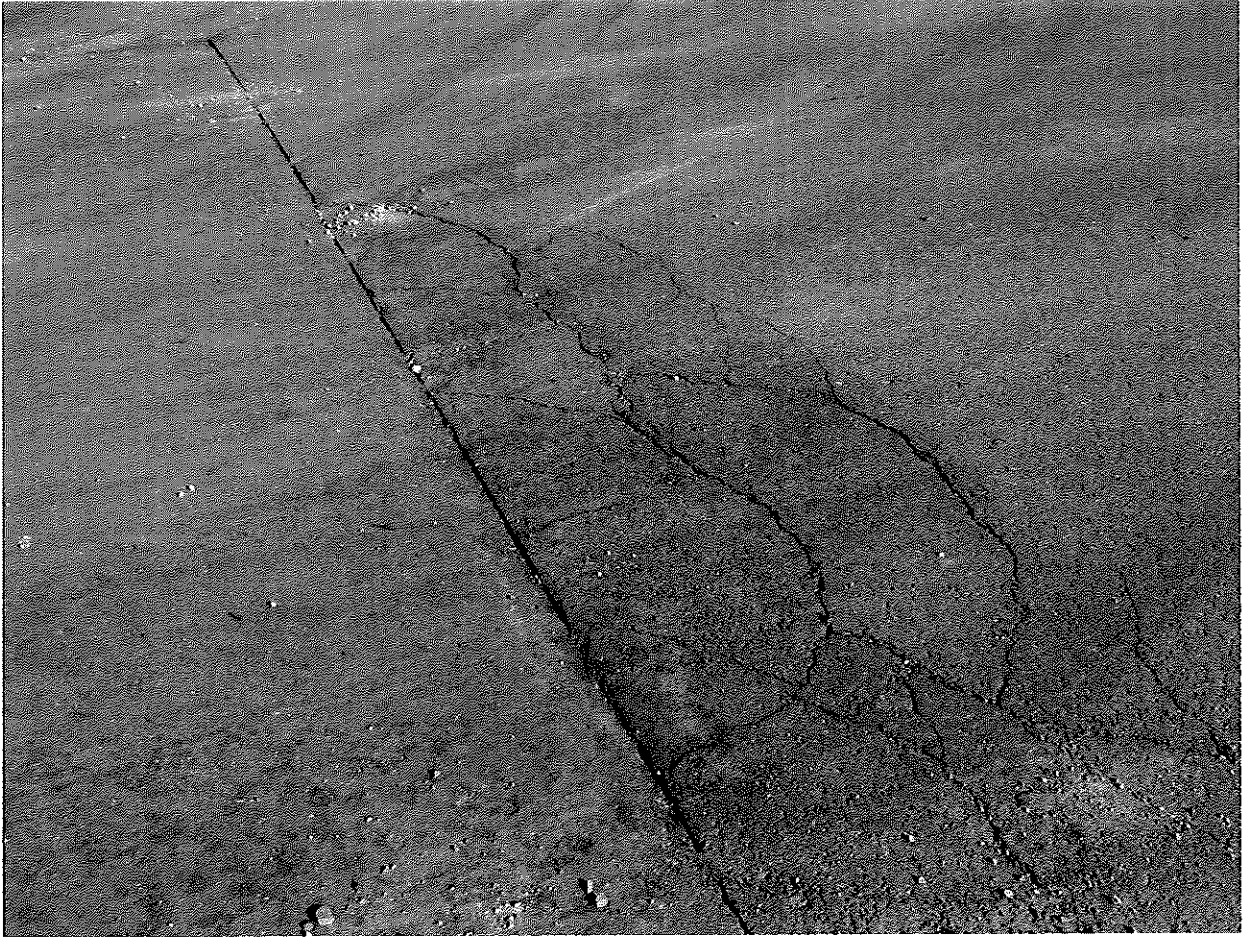
WILLIAM STANLEY BUSINESS PARK
30s COMPLEX
PITTSFIELD, MASSACHUSETTS

**30s Complex
Barrier Area**

Date	11- 9 -11
Inspector	J. Gagnon
Weather Conditions	Sunny; Warm
Evidence Of Change In Use	WMECO UTILITY POLE STORAGE
Physical Changes And Conditions Adjacent To Barrier Area	None observed
Soil Erosion	None observed
Excessive Vegetative Growth	None observed
Excessive Cracking	Some Minor; NONE CRACKING
Fissures	None
Spalling	None
Potholes	None
Heaving or Uneven Settling	None
Vehicular Use	Yes: WMECO
Depressions	None
Water Ponding	None
Excessive Rutting	None
Exposed Subbase	None



30s Building Demolition Barrier Area
View Looking West
11/9/11



30s Building Demolition Barrier Area
Minor Cracking
11/9/11



30s Building Demolition Barrier Area
Support for Utility Pole Storage
11/9/11