

City of Kansas City Missouri
City Planning and Development Department
Development Services
Biweekly Special Inspections Report Form

CISI #: 200810791

BIWEEKLY REPORT # 9

PROJECT #: CR200810791

PROJECT ADDRESS 3498 E MO 150 HWY

PROJECT NAME : CENTERPOINT- KC SOUTHERN INTERMODAL CENT

AGENCY NAME : TSI ENGINEERING, INC.

NAME : STEVE WENDLAND, PE

This report covers work done between May 19, 2008 and June 1, 2008

This is to certify that I or a qualified individual working under my direction inspected and/or tested the following items in accordance with Section 1704 of the International Building Code: (Check appropriate items)

- Attachment: Concrete Test or Resolution by EOR
- Post-tension Concrete
- Placement of Reinforced Concrete
- Testing of Reinforced Concrete
- Placement of Reinforcing Steel
- Placement of Prestressing Steel
- Bolts Installed in Concrete
- Verification of Soils (Fill subgrade)
- Excavation and Filling
- Drilled Piers and/or Piles,
- Earth-Retaining Structure
- Installation of Temporary Shoring
- Monitoring of Temporary Shoring (Biweekly Reports required)
- EIFS
- Smoke Control
- Seismic Resistance
- Detention Basin
- Inspection of Precast Fabricator
- Erection of Precast Concrete
- High Strength Bolting
- Structural Welding
- Steel Frame Inspection
- Inspection of Structural Steel Fabricator and Bar Joist (if applicable)
- Inspection of Metal Building Fabricator
- Sprayed Fire Resistant Materials
- Structural Masonry
- Other:

Except where noted in the attached report, the work was found to be in substantial compliance with the City approved plans, specifications, and applicable provisions of the Kansas City, Missouri, Building Code.

Signed: Steve Wendland Date: 6/10/2008

Submit To: Gene McCubbin
Department of City Planning & Development
Special Inspections Branch
324 E. 11th Street 3rd Floor
Kansas City, Missouri 64106
cc: Engineer of Record, Architect of Record, General Contractor

SEAL



June 10, 2008



Mr. Jim Cross
CENTERPOINT PROPERTIES TRUST
1808 Swift Drive
Oak Brook, Illinois 60523-1501

Re: Report No. 9 – Special Inspection Services
Centerpoint – KC Southern Intermodal Center
Kansas City, Missouri
TSi Project 02007113
City Control No. 2008-10791

Dear Mr. Cross:

Representatives of TSi Engineering Inc. (TSi) have continued to provide special inspection services including field observation and testing for placement of fill at the Centerpoint / KC Southern redevelopment project in Kansas City, Missouri. This reporting period includes from May 19 to June 1, 2008. Representatives of Kissick Construction (Kissick), the grading subcontractor, scheduled our services.

Representatives of our firm are on site full time during the working hours; however work is sometimes simultaneously in progress in two or three areas of the site at any given time. Our field personnel are moving between the work areas throughout the day, but can not observe all work completed. We are giving priority to subgrade evaluations in new fill areas. Copies of our daily field reports are attached.

WORK SUMMARY

Kissick continued earthwork on the site. The work included construction of the detention basins.

After rainfall in existing fill areas, Kissick proofrolled subgrades with a loaded dump truck. We observed the proofrolling for evidence of soft soils. Where soft soils were encountered, they were excavated by Kissick.

Once subgrades were prepared, Kissick placed structural fill in several areas. In deeper areas of fill sections, the fill consisted of rock fill (limestone pieces mixed with clay). Rock fragments were well graded pieces no larger than 24 inches. This fill was placed in 12 to 24 inch thick lifts and compacted by tracking in with dozers and dump trucks. We visually monitored this fill for materials and placement.

When within 8 feet of planned final grade (as determined by Kissick's surveyor) in possible future building areas, Kissick placed fill consisting of compacted clay soils from

TSi Engineering, Inc.
1600 Genessee Street, Suite 960
Kansas City, Missouri 64102
(816) 283-3838 fax: (816) 283-3938

Mr. Jim Cross

CENTERPOINT PROPERTIES TRUST

Report No. 9 – Special Inspection Services – Centerpoint / KC Southern

June 10, 2008

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on site. Rock fill (as noted above) was continued to within 4.0 feet of planned final subgrade in future pavement areas (the planned Botts Road and Andrews Road alignments). Rock fill was also continued to shallower depths in areas along permanent fill slopes where future buildings will not be located. The clay soils were placed in 8 to 12 inch thick lifts and compacted with sheeps-foot rollers.

We can not accurately state the location of our field observations and the locations of our density tests because a location reference system (such as writing reference numbers on grade stakes or a staked grid system) has not been established at the site. Therefore, the location information in our daily reports and our test reports is general. Elevations of the tested fill are estimated using nearby grade stakes when they are available.

In areas where fill placement or planned excavations were completed, Kissick placed topsoil materials at the final grade.

COMPLIANCE STATUS

The specific items discussed above in this report comply with contract documents. The attached Discrepancy List provides a summary of the project's current discrepancies. There are currently no open discrepancies.

During some shifts there have been discrepancies occurring in the fill placement. Typically, the discrepancy consists of organic soil or shale within fill materials, over-size rock fragments within the rock fill, lifts that are too thick, or fill materials with out-of-specification moisture content. When the discrepancies occur, we immediately bring them to the attention of Kissick's foreman, and they are typically corrected in short order. These discrepancies are not noted here.

Mr. Jim Cross

CENTERPOINT PROPERTIES TRUST

Report No. 9 – Special Inspection Services – Centerpoint / KC Southern

June 10, 2008

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CLOSURE

If you would like to discuss the information in this report further, please contact us.

Sincerely,

TSI ENGINEERING, INC.



Steve Wendland, PE
Area Manager



cc: (via e-mail)

- Mr. Gene McCubbin – City of Kansas City, Missouri
- Mr. Jack Staton – Kissick Construction Company
- Mr. Jim Kissick – Kissick Construction Company
- Mr. George Holler – TWS Construction Services
- Mr. Andy Penry – J.E. Dunn Construction
- Mr. Eric Neill – J.E. Dunn Construction
- Mr. Rick Tillery – J.E. Dunn Construction
- Mr. Robert Sunta – Lutjen, Inc.
- Mr. Scott Cargill – Lutjen, Inc.

DISCREPANCY LIST

Centerpoint / KCS
Kansas City, Missouri
Report No. 9

Date 10 June 2008

TSi Project No. 02007113.00

KCMo Control No. 2008-10791

Item	Status		Discrepancy Details (see daily field reports for more details)	Resolution
	Opened	Closed		

Discrepancies #1 to #3 were previously resolved.

TSi Engineering Inc.
1600 Genessee Street, Suite 960
Kansas City, MO 64102
816-283-3838



Special Inspector Daily Field Report
City of Kansas City, Missouri

City Control No. 2008-10791
Project Name: Centerpoint Richards Gebaur Grading
TSi Project Number: 02007113.00
Report No. _____

Date: 19 MAY 2008 MONDAY

Weather (°F) _____



TSi Engineering Inc.
1600 Genessee Street
Suite 960
Kansas City, MO 64102
816-283-3838
fax 816-283-3938

Client: CenterPoint Properties
General Contractor: J.E. Dunn Construction
Subcontractor: Kissick Construction

Time: Arrived 7:00 AM Depart: 4:00 PM Travel / Load 1.0 Total Hours: 10.0

Items inspected and/or tested:

Other

Soils and Foundations

Verification of Soils
 Excavation
 Structural Fill

Observations / Inspected Work / Tests Completed: ① continued excavations of excess material (limestone). Location - Detention Basin D. Material transported to rock crushing facility set-up at H-4. ② placement and compaction of controlled fill. Location I-3 & J-2 (previously undercut shale area). Material - dark brown and red fat clay with shale fragments. Material placed in 8" lifts and compacted by tracking in with dozers and sheepsfoot. ③ placement and compaction of topsoil/organic overburden. Location - above noted I-3 & J-2. Material placed in 6" lift and compacted by tracking in with dozers. ④ placement and compaction of controlled fill. Location G-1. Material - rock rubble fill/shale/fat clay mixture. Material placed in 12" lifts and compacted by tracking in with dozers

Were there any discrepancies with the approved plans? _____ Yes X No
Were there any changes to the approved plans? _____ Yes X No
Were any previously listed items corrected or resolved? _____ Yes X No

If yes to any of the above, describe: _____

TSi Representative - Print Name: SHANNON STAFFORD Signature: [Signature]
Contractor Representative - Kissick Construction Signature: _____
TSi Project Manager - Print Name: Steve Wendland Signature: [Signature]

Special Inspector Daily Field Report
City of Kansas City, Missouri

City Control No. 2008-10791
Project Name: Centerpoint Richards Gebaur Grading
TSi Project Number: 02007113.00
Report No. _____



TSi Engineering Inc.
1600 Genessee Street
Suite 960
Kansas City, MO 64102
816-283-3838
fax 816-283-3938

Date: 20 MAY 2008 TUESDAY
Weather (°F) Sunny 75°
Client: CenterPoint Properties
General Contractor: J.E. Dunn Construction
Subcontractor: Kissick Construction

Time: Arrived 7:00 AM Depart: 3:00 PM Travel / Load 1.0 Total Hours: 9.0

Items inspected and/or tested:

Other

Soils and Foundations

Verification of Soils
 Excavation
 Structural Fill

Observations / Inspected Work / Tests Completed: ① continued excavation of excess material (limestone) to final subgrade. Location - Detention Basin D. Material transported to rock crushing facility set up at H-4.
② Placement and compaction of controlled fill. Location G-1. Material - Rock rubble fill / fat clay mixture. Material placed in 12" lifts and compacted by trucking in with dozers.
③ placement and compaction of topsoil/organic overburden. Location G-3, H-3, I-3 (embankment). Material placed in 6" lift and compacted by trucking in with dozer.

Were there any discrepancies with the approved plans? _____ Yes No
Were there any changes to the approved plans? _____ Yes No
Were any previously listed items corrected or resolved? _____ Yes No
If yes to any of the above, describe: _____

TSi Representative - Print Name: SHAWN STAFFORD Signature: [Signature]
Contractor Representative - Kissick Construction Signature: _____
TSi Project Manager - Print Name: Steve Wendland Signature: [Signature]

Special Inspector Daily Field Report
City of Kansas City, Missouri

City Control No. 2008-10791
Project Name: Centerpoint Richards Gebaur Grading
TSi Project Number: 02007113.00
Report No. _____

Date: 21 MAY 2008 WEDNESDAY

Weather (°F) Sunny 75°



TSi Engineering Inc.
1600 Genessee Street
Suite 960
Kansas City, MO 64102
816-283-3838
fax 816-283-3938

Client: CenterPoint Properties
General Contractor: J.E. Dunn Construction
Subcontractor: Kissick Construction

Time: Arrived 7:00 AM Depart: 4:00 PM Travel / Load 1.0 Total Hours: 10.0

Items inspected and/or tested:

Other

Soils and Foundations

Verification of Soils
 Excavation
 Structural Fill

Observations / Inspected Work / Tests Completed: ① continued excavation of excess material (limestone) to final subgrade. Location - Detention Basin D. Material transported to rock crushing facility on-site at H-4.
② placement and compaction of controlled fill. Location G-1. Material - rock rubble fill/fat clay mixture. Material placed in 12" lifts and compacted by tracking in with dozers.
③ placement and compaction of topsoil/organic overburden. Location G-3, H-3, I-3 (embankment). Material placed in 6" lift and compacted by tracking in with dozers.

Were there any discrepancies with the approved plans? _____ Yes X No
Were there any changes to the approved plans? _____ Yes X No
Were any previously listed items corrected or resolved? _____ Yes X No

If yes to any of the above, describe: _____

TSi Representative - Print Name: SHANNON STAFFORD Signature: [Signature]
Contractor Representative - Kissick Construction Signature: _____
TSi Project Manager - Print Name: Steve Wendland Signature: [Signature]

Special Inspector Daily Field Report
City of Kansas City, Missouri

City Control No. 2008-10791
Project Name: Centerpoint Richards Gebaur Grading
TSi Project Number: 02007113.00
Report No. _____

Date: 25 MAY 2008 FRIDAY

Weather (°F) SUNNY 70°



TSi Engineering Inc.
1600 Genessee Street
Suite 960
Kansas City, MO 64102
816-283-3838
fax 816-283-3938

Client: CenterPoint Properties
General Contractor: J.E. Dunn Construction
Subcontractor: Kissick Construction

Time: Arrived 7:00 AM Depart: 4:00 PM Travel / Load 1.0 Total Hours: 10.0

Items inspected and/or tested:

Other

Soils and Foundations

Verification of Soils
 Excavation
 Structural Fill

Observations / Inspected Work / Tests Completed: ① continued excavation of excess material (limestone) to final subgrade. Location - Detention Basin D. Material transported to rock crushing facility on-site at H-4.
② Placement and compaction of controlled fill. Location G-1. Material - creek rubble fill to clay mixture. Material placed in 12" lifts and compacted by frocking in with dozers ③ placement and compaction of topsoil/organic overburden. Location G-3, H-3, I-3 (embankment). Material placed in 6" lift and compacted by frocking in with dozer.

Work rained out on Thursday 5/22/08.

Were there any discrepancies with the approved plans? _____ Yes X No
Were there any changes to the approved plans? _____ Yes X No
Were any previously listed items corrected or resolved? _____ Yes X No

If yes to any of the above, describe: _____

TSi Representative - Print Name: SHANNON STAFFORD Signature: [Signature]

Contractor Representative - Kissick Construction Signature: _____

TSi Project Manager - Print Name: Steve Wendland Signature: [Signature]

Special Inspector Daily Field Report
City of Kansas City, Missouri

City Control No. 2008-10791
Project Name: Centerpoint Richards Gebaur Grading
TSi Project Number: 02007113.00
Report No. _____

Date: 27 MAY 2008 TUESDAY

Weather (°F) CLOUDY 70°



TSi Engineering Inc.
1600 Genessee Street
Suite 960
Kansas City, MO 64102
816-283-3838
fax 816-283-3938

Client: CenterPoint Properties
General Contractor: J.E. Dunn Construction
Subcontractor: Kissick Construction

Time: Arrived 7:00 AM Depart: 12:00 PM Travel / Load 1.0 Total Hours: 6.0

Items inspected and/or tested:

Other

Soils and Foundations

Verification of Soils
 Excavation
 Structural Fill

Observations / Inspected Work / Tests Completed: Excavation of excess material (limestone) to final subgrade. Location H-2; I-2 (northern half). Material excavated by hoe ram and excavators and transported to G-1 for controlled fill placement. (2) site-wide drying efforts following weekend rainfall.

Work rained out on Monday 5/26/08.

Were there any discrepancies with the approved plans? _____ Yes x No
Were there any changes to the approved plans? _____ Yes x No
Were any previously listed items corrected or resolved? _____ Yes x No

If yes to any of the above, describe: _____

TSi Representative - Print Name: SHANNON STAFFORD Signature: [Signature]

Contractor Representative - Kissick Construction Signature: _____

TSi Project Manager - Print Name: Steve Wendland Signature: [Signature]

Special Inspector Daily Field Report
City of Kansas City, Missouri

City Control No. 2008-10791
Project Name: Centerpoint Richards Gebaur Grading
TSi Project Number: 02007113.00
Report No. _____



TSi Engineering Inc.
1600 Genessee Street
Suite 960
Kansas City, MO 64102
816-283-3838
fax 816-283-3938

Date: 28 MAY 2008 WEDNESDAY
Weather (°F) CLOUDY 65°

Client: CenterPoint Properties
General Contractor: J.E. Dunn Construction
Subcontractor: Kissick Construction

Time: Arrived 7:00 AM Depart: 4:00 PM Travel / Load 1.0 Total Hours: 10.0

Items inspected and/or tested:

Other

Soils and Foundations

Verification of Soils
 Excavation
 Structural Fill

Observations / Inspected Work / Tests Completed: ① continued excavation of excess material (limestone) to final subgrade. Location - Retention Basin D. Material transported to rock crushing facility set up on-site.
② placement and compaction of controlled fill. Location G-1. Material - rock rubble fill / fat clay mixture. Material placed in 12" lifts and compacted by treading in with dozers. ③ excavation of excess material (limestone) to final subgrade. Locations H-2 & I-2 (northern half). Material excavated by hoe ram and excavators and transported to G-1 for controlled fill placement.

Were there any discrepancies with the approved plans? _____ Yes X No
Were there any changes to the approved plans? _____ Yes X No
Were any previously listed items corrected or resolved? _____ Yes X No

If yes to any of the above, describe: _____

TSi Representative - Print Name: SHANNON STAFFORD Signature: [Signature]
Contractor Representative - Kissick Construction Signature: _____
TSi Project Manager - Print Name: Steve Wendland Signature: [Signature]

Special Inspector Daily Field Report
City of Kansas City, Missouri

City Control No. 2008-10791
Project Name: Centerpoint Richards Gebaur Grading
TSi Project Number: 02007113.00
Report No. _____



TSi Engineering Inc.
1600 Genessee Street
Suite 960
Kansas City, MO 64102
816-283-3838
fax 816-283-3938

Date: 29 MAY 2008 THURSDAY
Weather (°F) PT CLOUDY 80°

Client: CenterPoint Properties
General Contractor: J.E. Dunn Construction
Subcontractor: Kissick Construction

Time: Arrived 7:00 am Depart: 3:00 PM Travel / Load 1.0 Total Hours: 9.0

Items inspected and/or tested:

Other

Soils and Foundations

Verification of Soils
 Excavation
 Structural Fill

Observations / Inspected Work / Tests Completed: ① continued excavation of excess material (limestone) to final subgrade. Locations - Detention Basin D. Material transported to rock crushing facility set up on-site. ② placement and compaction of controlled fill. Location G-1. Material: Reddish rubble fill / fat clay mixture. Material placed in 12" lifts and compacted by frocking in with dozers. ③ placement and compaction of controlled fill. Location B-3, B-4. Prior to placement, unsuitable material (previously placed, wet) was removed and exposed material tilled to dry and usually verified. Material placed in 8" lift and compacted with sheepfoot. ④ excavation of excess material (limestone) to final subgrade. Location: U-2: I-2 (northern half). Material excavated by live run and transported to G-1 for controlled fill placement. Material: tan/brown fat clay mixture.

Were there any discrepancies with the approved plans? _____ Yes X No
Were there any changes to the approved plans? _____ Yes X No
Were any previously listed items corrected or resolved? _____ Yes X No

If yes to any of the above, describe: _____

TSi Representative - Print Name: SHANNON STAFFORD Signature: [Signature]
Contractor Representative - Kissick Construction Signature: _____
TSi Project Manager - Print Name: Steve Wendland Signature: [Signature]

Special Inspector Daily Field Report
City of Kansas City, Missouri

City Control No. 2008-10791
Project Name: Centerpoint Richards Gebaur Grading
TSi Project Number: 02007113.00
Report No. _____



TSi Engineering Inc.
1600 Genessee Street
Suite 960
Kansas City, MO 64102
816-283-3838
fax 816-283-3938

Date: 30 MAY 2008 FRIDAY
Weather (°F) CLOUDY 80°

Client: CenterPoint Properties
General Contractor: J.E. Dunn Construction
Subcontractor: Kissick Construction

Time: Arrived 7:00 AM Depart: 4:00 Travel / Load 1.0 Total Hours: 10.0

Items inspected and/or tested:

Other

Soils and Foundations

Verification of Soils
 Excavation
 Structural Fill

Observations / Inspected Work / Tests Completed: ① continued excavation of excessive material (limestone) to final grade. Location - Detention Basin D. Material transported to rock crushing facility set up on-site.
② placement and compaction of controlled fill. Locations B-2, B-3, B-4. Material: brown silty fat clay mixture. Prior to placement of fill material, previously placed material (wet) excavated and subgrade verified. Material placed in 8" lift and compacted with sheepfoot.

Were there any discrepancies with the approved plans? _____ Yes x No
Were there any changes to the approved plans? _____ Yes x No
Were any previously listed items corrected or resolved? _____ Yes x No

If yes to any of the above, describe: _____

TSi Representative - Print Name: SHANNON STAFFORD Signature: [Signature]
Contractor Representative - Kissick Construction Signature: _____
TSi Project Manager - Print Name: Steve Wendland Signature: [Signature]