



## 577-2009 ADDENDUM 4

### **SOUTHWEST RAPID TRANSIT CORRIDOR - STAGE 1: TRANSITWAY TUNNEL AT CN RIVERS SUBDIVISION MILEAGE 1.38 & ASSOCIATED WORKS**

#### **URGENT**

**PLEASE FORWARD THIS DOCUMENT TO  
WHOEVER IS IN POSSESSION OF THE BID  
OPPORTUNITY**

ISSUED: November 5, 2009  
BY: Dave Krahn, P.Eng.  
TELEPHONE NO. (204) 453-2301

**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE BID OPPORTUNITY AND SHALL  
FORM A PART OF THE CONTRACT  
DOCUMENTS**

Template Version: A2007/0419

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**Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.**

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#### **PART A – BID SUBMISSION**

Replace: 577-2009 Bid Submission with 577-2009 Addendum 4 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B(R1): Replace Form B with Form B(R1). A summary of the changes are:

- Add Item No. A.2(a)(ii)
- Delete Item No. A.2.(b)(i)
- Delete Item No. B9
- Add Item No. B.14
- Some of the Specification References have changed.
- Some of the quantities have changed.

Form G2(R2): Revise expiry date on Page 2 of 2.

Page numbering on some forms may be changed as a result.

#### **PART E – SPECIFICATIONS**

Revise: E3.2(b)(iii) to read: Chain Link Fencing

Add: E3.4(a)(i) If the Contractor submits shop drawings showing a design materially different from that shown in the contract documents, CN review of these shop drawings may be required. If this is the case, allow at least 6 weeks for their review.

- Add: E9.1.2(a) Further to Appendix C section 10.3, CN will entertain longer hours of work than indicated dependant on the following conditions being met:
- (i) The Contractor provides advance notice of work, etc. in order to make proper flagging arrangements.
  - (ii) A review of Site conditions by CN ensures that there are no adverse affects on train operations, ie. unobstructed viewing of signals and req'd infrastructure by CN train, trainman walking, noise permits, etc.
- Add: E9.1.2(b) Further to Appendix C section 12.2.1, there is not a predetermined long block available. Periods of train inactivity may be coordinated through the flagman. Do not expect CN to move train schedules around for work on this project.
- Add: E9.1.2(c) Further to Appendix C section 18.3.11, CN requirements will not be waived with respect to proximity of cranes. CN must provide authorization and protection. If the Contractor is within the 10m encroachment specified, flagman notification and approval is required.
- Revise: E9.2.1 to read: It is the City's intention to provide flagging, through CN, if required by the contractor, subject to reasonable notice being given by the contractor for that service.
- Delete: E9.2.2
- Revise: E10.2 to read: The Contractor's construction activities shall be confined to the minimum area necessary for undertaking the Work and he shall be responsible for all damage to private property resulting from his Work. Particular care shall be taken to assure no damage is done to buildings, fencing, trees and plants, and provision shall be made to maintain full drainage for private properties during construction.
- Revise: E13.1.1 to read: The Work required under this section shall include, but not be limited to the following:
- (a) Demolition and removal of existing buildings as shown on the Contract Drawings.
  - (b) Demolition and removal of partial existing MTS Call Centre Parking Lot.
    - (i) This Specification covers the demolition and removal of an existing asphalt pavement parking lot to the limits shown on the Contract Drawings and shall include but not limited to:
      - ◆ Removal and disposal of chain link security fence.
      - ◆ Removal and disposal of concrete garbage pad.
      - ◆ Removal and disposal of wood parking fence complete with block heater receptacles including the temporary termination of the power supply.
      - ◆ Removal, salvage, and storage of parking fence.
      - ◆ Removal, salvage and storage of light standard and demolition of concrete base including the temporary termination of power supply.
      - ◆ Saw cutting, removal and disposal of existing base and sub-grade materials.
  - (c) Demolition and removal of partial existing Pembina Dodge Parking Lot.
    - (i) This Specification covers the demolition and removal of an existing asphalt pavement parking lot to the limits shown on the Contract Drawings and shall include but not limited to:
      - ◆ Removal and disposal of chain link security fence.
      - ◆ Removal, salvage and storage of two light standards and demolition of concrete bases including temporary termination of the power supply.
      - ◆ Abandonment of an existing catch basin and lead.

- ◆ Saw cutting, removal and disposal of existing base and sub-grade materials.

(d) Demolition and removal of partial existing Quintex Parking Lot.

- (i) This Specification covers the demolition and removal of an existing asphalt pavement parking lot to the limits shown on the Contract Drawings and shall include but not limited to:

- ◆ Removal and disposal of chain link security fence.
- ◆ Saw cutting, removal and disposal of asphalt pavement parking lot.
- ◆ Excavation removal and disposal of existing base and sub-grade materials.

Delete: E13.1.1(e)

Revise: E13.1.3 to read: Utilities

- (a) The Contractor shall arrange to pay for the appropriate utility to disconnect and seal off from the Site, all service lines, pipes or conduits other than gas and hydro, that service the building(s) to be demolished.
- (b) The Contractor shall disconnect and seal off all sewer and water service connections. If the Contractor is unable, or not licensed to complete this work, the Contractor shall subcontract the work to a subcontractor licensed by the City to do such Work on behalf of the Contractor.
- (c) The Contractor shall provide each utility and the City's Water and Waste Department with adequate prior notification as to when they will require these disconnection and sealing off services.

Revise: E13.1.4 to read: The area south of the railway tracks, formerly known as CN Fort Rouge Rail Yards once housed their maintenance shops and other utility buildings. The buildings have since been removed although some of the foundations still exist below grade. The pump station Contractor removed a substantial amount of these foundations however it is anticipated the Contractor may encounter further foundations within the contract limits. These foundations will be required to be removed to a minimum of 1.0m below excavation grade within the contract limits.

Add: E13.1.5 The Work to be done by the Contractor under this Section shall include the furnishing of all superintendence, overhead, labour, materials, equipment, tools, supplies, and all things necessary for and incidental to the satisfactory performance and completion of all Works as described hereinafter.

Revise: E13.2.2 to read: Further to C6.12, the Contractor shall carry out all demolition work in strict compliance with all applicable regulations, acts, codes, and by-laws including but not restricted to the following:

- (a) CSA Code S350-M1980 Code of Practice for Safety in Demolition of Structures;
- (b) Provincial Building Code;
- (c) Winnipeg Building By-Law;
- (d) Workplace Safety and Health Act;
- (e) City of Winnipeg Streets By-law;
- (f) City of Winnipeg Traffic By-law;
- (g) Manitoba Highway Traffic Act;
- (h) City of Winnipeg Manual of Temporary Traffic Control in Work Areas on City Streets.

Delete: E13.2.3

- Revise: E14.1.1 to read: The Work required under this section shall include, but not limited to the following:
- (a) Reconstruction of partial MTS Call Centre Parking Lot.
    - (i) This Specification covers the reconstruction of an existing asphalt pavement parking lot to the limits shown on the Contract Drawings and shall include but not limited to:
      - ◆ Sub-grade compaction.
      - ◆ Supply and placement of Limestone Base and Sub-Base materials.
      - ◆ Adjustment of existing manhole frame and cover including supply and placement of concrete risers.
      - ◆ Supply and placement of Asphalt Concrete Pavement.
      - ◆ Construction of pinned concrete.
      - ◆ Reinstallation of salvaged parking fence.
      - ◆ Install new security fence.
      - ◆ Installation of light poles as on tunnel structure as indicated on contract drawings.
      - ◆ Supply and application of painted parking lines.
      - ◆ Installation of wood parking fence complete with block heater receptacles and connection of power supply.
  - (b) Reconstruction of partial Pembina Dodge Parking Lot.
    - (i) This Specification covers the reconstruction of an existing asphalt pavement parking lot to the limits shown on the Contract Drawings and shall include but not limited to:
      - ◆ Sub-grade compaction.
      - ◆ Supply and placement of Limestone Base and Sub-Base materials.
      - ◆ Installation of salvaged light standards and reconnection of the power supply.
      - ◆ Supply and placement of Asphalt Concrete Pavement.
      - ◆ Supply new security fencing.
  - (c) Reconstruction of partial Quintex Parking Lot.
    - (i) This Specification covers the reconstruction of an existing asphalt pavement parking lot to the limits shown on the Contract Drawings and shall include but not limited to:
      - ◆ Sub-grade compaction.
      - ◆ Supply and placement of Limestone Base and Sub-Base materials.
      - ◆ Supply and placement of Asphalt Concrete Pavement.
      - ◆ Supply new security fencing.
  - (d) Finished grading for areas at existing building.
- Revise: E14.2.1(j) to read: E32 - Replacement of Existing Wood Fence
- Add: E14.2.1(k) E35 - Painted Traffic Lines and Markings
- Revise: E20.1.1 to read: This Specification supplements Specification E22- Shoring, Excavation and Dewatering and covers all excavation, preparation of sub-grade, placement of suitable site fill material, compaction and grading of all the areas not included in Specification E22 and as shown on the Contract Drawings. The Contractor shall coordinate his excavation with the Contract 6 Contractor.

- Revise: E20.3.1(b) to read: Further excavation will be required of current low areas which are to be filled higher than existing grade. This excavation will include the removal of existing insitu materials to a depth of 150 mm prior to placement of suitable site materials.
- Revise: E20.3.2(b) to read: Some excavated materials will be required on site to build up low areas, construct berms and backfill designated areas behind retaining walls. Excavated materials being used on site (suitable site fill material) shall be approved by the Contract Administrator prior to placement. Suitable site fill materials shall be placed in accordance with CW 3170. No separate measurement and payment will be made for material so placed.
- Revise: E20.3.2(c) to read: Sub-grade Compaction will be performed on the sub-grade of all excavated areas outside of the braced shoring areas with the exception of the tunnel approach side slopes.
- Revise: E20.3.2(d) to read: Areas of the roadway sub-grade outside of the braced shoring areas determined to be unsuitable by the Contract Administrator shall be excavated beyond the design grade, hauled and disposed off site. The excavated material shall be replaced with suitable site material or crushed limestone sub-base material and compacted in accordance with CW 3110 and CW 3170 as directed by the Contract Administrator.
- Revise: E20.4.1(c) to read: Placement of suitable site material to fill volumes excavated beyond design grades will be measured on a volume basis and paid at the Contract Unit Price per cubic meter for "Placing Suitable Site Sub-Base Material", in accordance with CW 3110. Suitable site sub-base material placed in other areas will have no separate measurement and payment.
- Add: E22.3.2(b) Working base concrete in the cantilever soldier pile work sections shall be a 75 mm lean mix (10MPa) or 150 mm of well compacted crushed limestone base.
- Revise: E22.3.3(a) to read: All structural steel shapes shall be minimum CSA G40.21 Grade 300W, HSS sections shall be minimum CSA G40.21 Grade 350W, and sheet piling shall be minimum Grade 45 ASTM A572 material. All sheet piling shall be equipped with driving shoes as manufactured by the particular sheet pile manufacturer being used.
- Add: E22.3.3(b) Sheet piling shall be Hoesch 175 or Chaparral Section PZ35 or approved equal. The design shown on the drawings is based on the Hoesch section. If the contractor uses another approved section, he is responsible to pay the costs of any adjustments to the structure dimensions that may result.
- Add: E22.3.3(c) All but ends of structural steel to remain in the structural concrete of the tunnel shall be coated with cold applied galvanizing.
- (i) Cold applied galvanizing coating shall be brush applied Zinga, as supplied by Pacific Evergreen Industries Ltd., West Vancouver, BC, Canada, (802) 563-9280, or equal as accepted by the Contract Administrator.
  - (ii) All cold applied galvanized coatings shall be applied in accordance with the manufacturer's recommendations and as directed by the Contract Administrator.
- Revise: E22.3.4(a) to read: Timber lagging shall be species S-P-F, beams and stringers, grade no. 2 or better with an allowable bending stress of 6.6 MPa including all modification factors. The lagging thickness (horizontal dimension) shall be 150 mm minimum for the upper 2000 mm and 200 mm minimum for below 2000 mm depth. The vertical dimension of lagging shall be not less than 50 mm greater than the horizontal dimension.
- Revise: E22.3.5 to read: Concrete Filler
- (a) The concrete to be used to fill the structure holes left after the steel shoring is removed shall be Tamms Form and Pour Shrinkage Compensated Concrete or approved equal in accordance with B6. The minimum compressive strength of the grout at 28 days shall be 40 MPa.

- Revise: E22.4.8(a) to read: Notify the Contract Administrator immediately if it appears that unsuitable material is present at the final base of excavation. Unsuitable materials include soft spots, wet areas, frozen soil, organic material, fill soil, silt pockets, debris, etc.,. The Contract Administrator will review the suitability of the foundation material and may specify replacement of the material. If so, this will be considered as extra work between the limits of the braced shoring. Beyond the braced shoring the approved over-excavation will be paid for in accordance with the contract unit prices appearing in Specification E20.
- Delete: E22.4.8(b and c)
- Revise: E22.4.9 to read           Removals
- (a) If the foundation is made unsuitable due to improper construction activities including Contractor initiated over-excavation, the Contractor shall replace the affected area with working base concrete to the satisfaction of the Contract Administrator at the Contractor's own cost.
  - (b) All shoring components shall be removed after they are no longer required except those identified for abandonment in the ground or within the concrete tunnel structure. It is anticipated that salvaged shoring components will be employed in subsequent construction stages. Upon completion of the works, salvaged shoring components shall be the property of the Contractor.
- Add: E22.4.10                   Protection of the Works
- (a) Be responsible for protection of the works during the duration of the Contract. This shall include but may not be limited to maintaining dewatering systems on completed works, providing fencing and security.
- Delete: E22.5.1(b)
- Revise: E24.2.3(a)(i) to read   The galvanizing shall be shop applied and strictly in accordance with CSA Standard G164 and ASTM A767 to a minimum net retention of 600g/m<sup>2</sup>.
- Revise: E25.2.7(a) to read:   Non-shrink cementitious grout shall be CPD Cipadite E-500, Sika 212, Meadows CG-86, Tamms Form and Pour Shrinkage Compensated Concrete or approved equal in accordance with B6. The minimum compressive strength of the grout at 28 days shall be 40 MPa.
- Revise: E25.2.9(a)(i) to read: Class of Exposure C-1 and S-1.
- Add: E25.2.19(a)(vi)           For tunnel waterproofing not including the floor slab: Voltex DS Swelltite by Engineered Site Products Ltd.
- Add: E25.2.19(a)(vii)       For tunnel waterproofing floor slab only: Strataseal HR by Engineered Site Products Ltd.
- Add: E25.2.19(b)(i)       Besides as specified in the Contract Drawings, an approved product is Volclay Waterstop RX 101T by Engineered Site Products Ltd.
- Add: E25.2.21               Void Form
- (a) Void form for use in the piled section of the North Retaining wall shall be GeoVoid as supplied by Plasti-Fab Manitoba or approved equal.
  - (b) Contractor shall design the void system to allow for a soil swell amount of 150. It shall also be resistant to moisture and maintain its dimensions during and until the concrete placement has reached adequate strength so as not to deform.
- Revise: E25.4.3(a) to read:   In addition to tolerances defined in CSA A23.1 and CSA S6, concrete wall surfaces shall be constructed within tolerances required for application of the selected tiling system. Coordinate tolerance requirements with the tiling Contractor and be responsible for

preparing a substrate that is suitable for tiling installation. Refer to E34 for Tiling plane tolerances.

Revise: E26.2.4(a) to read: Wall Drain shall be Miradrain 6000 by Mirafi, Nilex DN50, Aquadrain 15X or equal as accepted by the Contract Administrator. Mastic adhesive shall be as recommended by the wall drain manufacturer.

Delete: E26.2.5

Revise: E27.3.1 to read: Lean Mix Concrete  
(a) Concrete for lean mix concrete shall be high early strength, with a minimum 28 day compressive strength of 20MPa and normal 38 mm coarse aggregate. Air entrainment is not required.

Delete: E27.3.1(b to d)

Revise: E32.4.2(a) to read: The Wood Fence will not be measured. This Item of Work will be paid for in the Contract Lump Sum Price for "Miscellaneous Site Works", performed in accordance with this Specification and accepted by the Contract Administrator.

Revise: E34.4.2(n) to read: Protect Tile Work with Schluter-SCHIENE Edger in Stainless Steel along both edges of wall expansion joints.

Revise: E35.7.1(a) to read: The Painted Traffic Lines and Markings will not be measured. This Item of Work will be paid for in the Contract Lump Sum Price for "Miscellaneous Site Works", performed in accordance with this Specification and accepted by the Contract Administrator.

Page numbering on some forms may be changed as a result.

## **Division 26 - Electrical**

Add: 26 05 01 4.2.5 Panelboard schedules to O&M manuals.

Delete: 26 05 01 10.2

Revise: 26 05 01 12.7 to read: Identify circuit and luminaire number on all luminaires with lamacoid nameplates.

Revise: 26 05 01 26.2 to read: Replace forthwith at no additional material, or labour cost any part which may fail or prove defective within a period of twelve (12) calendar months after the final acceptance of the complete project, provided that such failure is not due to improper usage.

Revise: 26 05 01 29.3 to read: At completion of project, provide a complete print of revisions, changes and conduit location as-built drawings to the satisfaction of the responsible Contract Administrator. As-built drawings are also to include all wire sizes and conduit sizes complete with conduit fills. Provide accurate locations and construction details of all direct buried wiring runs. Provide AutoCAD .dwg files of all changes, revisions, and conduit layouts suitable for printing drawing size reproductions of electrical drawings. Contract Administrator will provide .dwg copies of original electrical drawings.

Revise: 26 05 01 30.1 to read: Lighting: 10% of all lamps. 5% of all lenses. 5% of all ballasts, which shall be complete with ballast trays. Four (4) type A luminaires and (1) type B luminaire.

Add: 26 05 34 3.1.8 Ensure conformity with Tables 5 & 6 and section 12-1012 of the CEC.

Revise: 26 09 24 2.2.1 to read: Lighting control system to be manufactured by Lighting Control & Design, Los Angeles, CA with local representation required.

Add: 26 09 24 2.1.10 to read: Panel '100' is to be complete with surge suppression mounted in an extension enclosure and pre-wired to the panel from the factory. Discreet all mode protection with component level/phase level fusing and 60kA per circuit peak to be provided. Each circuit to be protected and be complete with individual protection element status LED indicator light. Entire surge suppression system is to be backed by a manufacturer's 25 year warranty.

## **DRAWINGS**

Replace:

577-2009_Drawing_U237-09-04-R0	with	577-2009_Addendum_4_Drawing_U237-09-04-R1
577-2009_Drawing_U237-09-04A-R0	with	577-2009_Addendum_4_Drawing_U237-09-04A-R1
577-2009_Drawing_U237-09-05-R0	with	577-2009_Addendum_4_Drawing_U237-09-05-R1
577-2009_Drawing_U237-09-07-R0	with	577-2009_Addendum_4_Drawing_U237-09-07-R1
577-2009_Drawing_U237-09-12-R0	with	577-2009_Addendum_4_Drawing_U237-09-12-R1
577-2009_Drawing_U237-09-13-R0	with	577-2009_Addendum_4_Drawing_U237-09-13-R1
577-2009_Drawing_U237-09-13A-R0	with	577-2009_Addendum_4_Drawing_U237-09-13A-R1
577-2009_Drawing_U237-09-15-R0	with	577-2009_Addendum_4_Drawing_U237-09-15-R1
577-2009_Drawing_U237-09-16-R0	with	577-2009_Addendum_4_Drawing_U237-09-16-R1
577-2009_Drawing_U237-09-17-R0	with	577-2009_Addendum_4_Drawing_U237-09-17-R1
577-2009_Drawing_U237-09-18-R0	with	577-2009_Addendum_4_Drawing_U237-09-18-R1
577-2009_Drawing_U237-09-19-R0	with	577-2009_Addendum_4_Drawing_U237-09-19-R1
577-2009_Drawing_U237-09-20-R0	with	577-2009_Addendum_4_Drawing_U237-09-20-R1
577-2009_Drawing_U237-09-21-R0	with	577-2009_Addendum_4_Drawing_U237-09-21-R1
577-2009_Drawing_U237-09-22-R0	with	577-2009_Addendum_4_Drawing_U237-09-22-R1
577-2009_Drawing_U237-09-23-R0	with	577-2009_Addendum_4_Drawing_U237-09-23-R1
577-2009_Drawing_U237-09-24-R0	with	577-2009_Addendum_4_Drawing_U237-09-24-R1
577-2009_Drawing_U237-09-25-R0	with	577-2009_Addendum_4_Drawing_U237-09-25-R1
577-2009_Drawing_U237-09-26-R0	with	577-2009_Addendum_4_Drawing_U237-09-26-R1
577-2009_Drawing_U237-09-27-R0	with	577-2009_Addendum_4_Drawing_U237-09-27-R1
577-2009_Drawing_U237-09-28-R0	with	577-2009_Addendum_4_Drawing_U237-09-28-R1
577-2009_Drawing_U237-09-29-R0	with	577-2009_Addendum_4_Drawing_U237-09-29-R1
577-2009_Drawing_U237-09-30-R0	with	577-2009_Addendum_4_Drawing_U237-09-30-R1
577-2009_Drawing_U237-09-31-R0	with	577-2009_Addendum_4_Drawing_U237-09-31-R1
577-2009_Drawing_U237-09-32-R0	with	577-2009_Addendum_4_Drawing_U237-09-32-R1
577-2009_Drawing_U237-09-33-R0	with	577-2009_Addendum_4_Drawing_U237-09-33-R1
577-2009_Drawing_U237-09-34-R0	with	577-2009_Addendum_4_Drawing_U237-09-34-R1
577-2009_Drawing_U237-09-35-R0	with	577-2009_Addendum_4_Drawing_U237-09-35-R1
577-2009_Drawing_U237-09-36-R0	with	577-2009_Addendum_4_Drawing_U237-09-36-R1



577-2009_Drawing_U237-09-37-R0	with	577-2009_Addendum_4_Drawing_U237-09-37-R1
577-2009_Drawing_U237-09-38-R0	with	577-2009_Addendum_4_Drawing_U237-09-38-R1
577-2009_Drawing_U237-09-39-R0	with	577-2009_Addendum_4_Drawing_U237-09-39-R1
577-2009_Drawing_U237-09-40-R0	with	577-2009_Addendum_4_Drawing_U237-09-40-R1
577-2009_Drawing_U237-09-41-R0	with	577-2009_Addendum_4_Drawing_U237-09-41-R1
577-2009_Drawing_U237-09-42-R0	with	577-2009_Addendum_4_Drawing_U237-09-42-R1
577-2009_Drawing_U237-09-43-R0	with	577-2009_Addendum_4_Drawing_U237-09-43-R1
577-2009_Drawing_U237-09-44-R0	with	577-2009_Addendum_4_Drawing_U237-09-44-R1
577-2009_Drawing_U237-09-45-R0	with	577-2009_Addendum_4_Drawing_U237-09-45-R1
577-2009_Drawing_U237-09-46-R0	with	577-2009_Addendum_4_Drawing_U237-09-46-R1
577-2009_Drawing_U237-09-47-R0	with	577-2009_Addendum_4_Drawing_U237-09-47-R1
577-2009_Drawing_U237-09-48-R0	with	577-2009_Addendum_4_Drawing_U237-09-48-R1
577-2009_Drawing_U237-09-49-R0	with	577-2009_Addendum_4_Drawing_U237-09-49-R1
577-2009_Drawing_U237-09-50-R0	with	577-2009_Addendum_4_Drawing_U237-09-50-R1
577-2009_Drawing_U237-09-51-R0	with	577-2009_Addendum_4_Drawing_U237-09-51-R1
577-2009_Drawing_U237-09-52-R0	with	577-2009_Addendum_4_Drawing_U237-09-52-R1
577-2009_Drawing_U237-09-53-R0	with	577-2009_Addendum_4_Drawing_U237-09-53-R1
577-2009_Drawing_U237-09-54-R0	with	577-2009_Addendum_4_Drawing_U237-09-54-R1
577-2009_Drawing_U237-09-55-R0	with	577-2009_Addendum_4_Drawing_U237-09-55-R1
577-2009_Drawing_U237-09-56-R0	with	577-2009_Addendum_4_Drawing_U237-09-56-R1
577-2009_Drawing_U237-09-57-R0	with	577-2009_Addendum_4_Drawing_U237-09-57-R1
577-2009_Drawing_U237-09-58-R0	with	577-2009_Addendum_4_Drawing_U237-09-58-R1
577-2009_Drawing_U237-09-59-R0	with	577-2009_Addendum_4_Drawing_U237-09-59-R1
577-2009_Drawing_U237-09-60-R0	with	577-2009_Addendum_4_Drawing_U237-09-60-R1
577-2009_Drawing_U237-09-61-R0	with	577-2009_Addendum_4_Drawing_U237-09-61-R1
577-2009_Drawing_U237-09-64-R0	with	577-2009_Addendum_4_Drawing_U237-09-64-R1
577-2009_Drawing_U237-09-65-R0	with	577-2009_Addendum_4_Drawing_U237-09-65-R1
577-2009_Drawing_U237-09-67-R0	with	577-2009_Addendum_4_Drawing_U237-09-67-R1
577-2009_Drawing_U237-09-73-R0	with	577-2009_Addendum_4_Drawing_U237-09-73-R1