

**SECOND AMENDATORY AGREEMENT  
TO INTERGOVERNMENTAL AGREEMENT FOR FASTRACKS EAST  
CORRIDOR/  
DENVER INTERNATIONAL AIRPORT**

This **SECOND AMENDATORY AGREEMENT TO INTERGOVERNMENTAL AGREEMENT FOR FASTRACKS EAST CORRIDOR/DENVER INTERNATIONAL AIRPORT** (“Second Amendatory Agreement”) is made and entered into by and between the **CITY AND COUNTY OF DENVER**, a home rule municipal corporation of the State of Colorado organized pursuant to Article XX of the Colorado Constitution, including on behalf of its Department of Aviation (the “City”), and the **REGIONAL TRANSPORTATION DISTRICT**, a political subdivision of the State of Colorado organized pursuant to the Regional Transportation District Act, C.R.S. § 32-9-101, *et seq.* (“RTD” or the “District”), collectively “the Parties.”

**WHEREAS**, the Parties entered into an Intergovernmental Agreement for FasTracks East Corridor/Denver International Airport dated March 16, 2010 (“Aviation IGA”) between RTD and the City on behalf of its Department of Aviation (“Aviation”); and a First Amendatory Agreement to Intergovernmental Agreement (Denver-RTD FasTracks East Corridor) and Intergovernmental Agreement for FasTracks East Corridor/Denver International Airport dated May 9, 2012 (“First Amendatory Agreement”); (collectively the “Existing Agreements”); and

**WHEREAS**, the First Amendatory Agreement provided for RTD to make certain improvements to RTD’s East Corridor Project to enable ease of implementation of potential addition of certain Gateway Stations in coordination with the East Corridor Project; and

**WHEREAS**, although the First Amendatory Agreement anticipated design and construction of the Gateway Stations to be arranged by the City, the Parties have determined that it is more practical and cost-efficient for RTD’s contractor to design and construct the Gateway Station at 61<sup>st</sup> Avenue and Peña Boulevard as generally depicted in **Exhibit A** to this Second Amendatory Agreement (hereinafter referred to as “Peña Station”), as set forth in the RTD Proposed Changes (“RPCs”) attached as **Exhibits B through H** of this Second Amendatory Agreement, with the City responsible for a firm fixed price for such work; and

**WHEREAS**, the City has requested that the work be implemented as described in the above-referenced RPCs; and in reliance upon the City's requests RTD has agreed to the City's requests and has authorized its contractor, DTP, to perform the requested work; and

**WHEREAS**, the Parties have agreed that payment by the City to RTD of certain portions of the above-described work will be made within 60 days after execution of this Second Amendatory Agreement while payment of other portions will be deferred pending resolution of the dispute as described in Article 4 of the First Amendatory Agreement, with payment instead to be credited against RTD's payment responsibility as determined in such dispute resolution process; and

**WHEREAS**, having engaged in the negotiation process contemplated by Section 1.11.3 of the Aviation IGA for the Gateway Stations, the Parties desire to provide for the building and funding of Peña Station.

**NOW THEREFORE**, for the consideration set forth in this Second Amendatory Agreement and for other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

#### **ARTICLE 1. DEFINITIONS, EXHIBITS AND INTERPRETATION**

- 1.1 Terms used but not defined herein shall have the respective meanings ascribed to such terms in the Aviation IGA and the First Amendatory Agreement, as applicable.
- 1.2 By entering into this Second Amendatory Agreement, the Parties do not intend to terminate, modify, waive or amend their rights in any other agreement between the Parties, other than as expressly set forth herein.
- 1.3 In the event of any conflict between the terms or provisions of this Second Amendatory Agreement and any of the Existing Agreements, the provisions and terms of this Second Amendatory Agreement shall control.
- 1.4 **Exhibits.** The following exhibits are attached hereto and incorporated herein by reference.

**Exhibit A** Map of Peña Station (approximate location)

<b>Exhibit B</b>	RTD Proposed Changes and Change Reports (collectively, "RPC") 37A&B
<b>Exhibit C</b>	RPC 37C
<b>Exhibit D</b>	RPC 37D
<b>Exhibit E</b>	RPC 37E1
<b>Exhibit F</b>	RPC 37F1
<b>Exhibit G</b>	RPC 37E2
<b>Exhibit H</b>	RPC 37F2

## ARTICLE 2. AMENDMENT TO THE AVIATION IGA RE PEÑA STATION

The following new Subsection is added to Section 6 of the Aviation IGA:

### **Section 6.9. Peña Station**

6.9.1. Pursuant to and in accordance with Section 1.11 (Future Amendments) and Section 1.11.3 (Gateway Stations) of the Aviation IGA, RTD, through its contractor, will perform the work described in detail in **Exhibits B through H** of this Second Amendatory Agreement to construct Peña Station located at approximately 61st Avenue and Peña Boulevard in Denver, Colorado, depicted in the map attached as **Exhibit A** to this Second Amendatory Agreement. Peña Station is one of the two Gateway Stations referenced in Section 1.11.3.2 of the Aviation IGA.

6.9.2. Aviation is hereby obligated to fund the work described in detail in **Exhibits B through H** of this Second Amendatory Agreement for the FIRM FIXED PRICE of \$12,189,520.00 (TWELVE MILLION, ONE HUNDRED EIGHTY NINE THOUSAND, FIVE HUNDRED TWENTY DOLLARS). Payment by Aviation of such amount in accordance with the provisions of this Second Amendatory Agreement shall be deemed a determination by RTD that responsibility for the total capital cost of adding such Gateway Station has been accepted by an entity or entities other than RTD, as provided in Section 1.11.3.4(3) of the Aviation IGA (excepting any capital cost for which RTD is responsible under Article 2 of the Amendatory Agreement).

6.9.3. The scope of work and firm fixed pricing is set forth in **Exhibits B through H** of this Second Amendatory Agreement.

6.9.4. Payment by Aviation pursuant to the following payment terms satisfy any invoices

previously sent by RTD to Aviation for the above-referenced RPCs.

**6.9.5. Payment by Aviation:**

Aviation shall pay the amount set forth in Section 6.9.2 as follows:

6.9.5.1. **Offset Payment:** Aviation is obligated to pay to RTD the amount set forth in Section 6.9.2 above for the work performed in **Exhibits B through H**. Payment by Aviation will be offset by \$7,793,515.00, which is the amount awarded to the City and County of Denver in Regional Transportation District v: City and County of Denver, Judicial Arbiter Group Case No. 12-0872, in the Final Decision and Order dated June 25, 2013.

6.9.5.2. **Payments Due Upon Execution of This Agreement:** Payment by Aviation of \$4,396,005.00 will be due within 60 days after execution of this Second Amendatory Agreement.

**ARTICLE 3. ADDITIONAL GENERAL PROVISIONS**

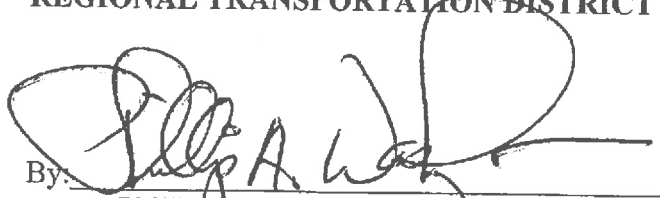
The Parties hereby incorporate by reference and apply to this Second Amendatory Agreement all of the Additional General Provisions in Article 5 of the First Amendatory Agreement, with all references to the "Amendatory Agreement" in Article 5 of the First Amendatory Agreement constituting references to this Second Amendatory Agreement for purposes of this Second Amendatory Agreement.

IN WITNESS WHEREOF, the Parties have caused this Second Amendatory Agreement to be duly executed and delivered as of the date stated on the City signature page below.

[SIGNATURE PAGE]

IN WITNESS WHEREOF, the Parties have caused this Second Amendatory Agreement to Intergovernmental Agreement for FasTracks East Corridor/Denver International Airport to be duly executed and delivered as of the final date of signature set forth herein.

**REGIONAL TRANSPORTATION DISTRICT**



By: \_\_\_\_\_  
Phillip A. Washington, General Manager

Date: 4/3/2015

APPROVED AS TO LEGAL FORM FOR THE  
REGIONAL TRANSPORTATION DISTRICT:



\_\_\_\_\_  
Rolf G. Asphaug, Deputy General Counsel

Date: 4/2/2015



**Contract Control Number:**

IN WITNESS WHEREOF, the parties have set their hands and affixed their seals at Denver, Colorado as of

SEAL

**CITY AND COUNTY OF DENVER**

ATTEST:

By \_\_\_\_\_

\_\_\_\_\_

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

By \_\_\_\_\_

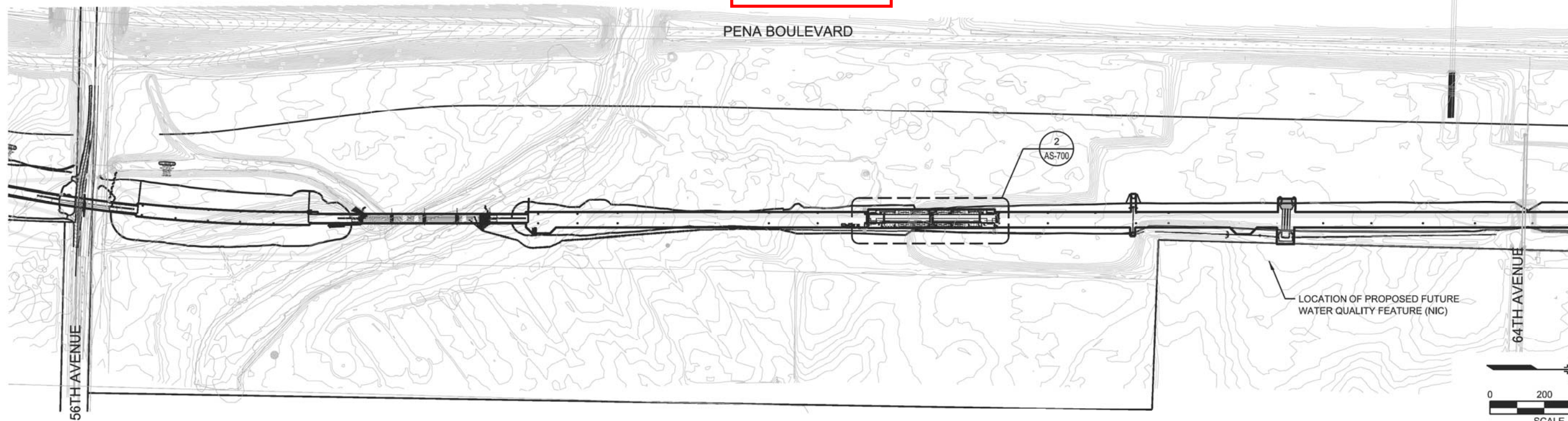
By \_\_\_\_\_

By \_\_\_\_\_

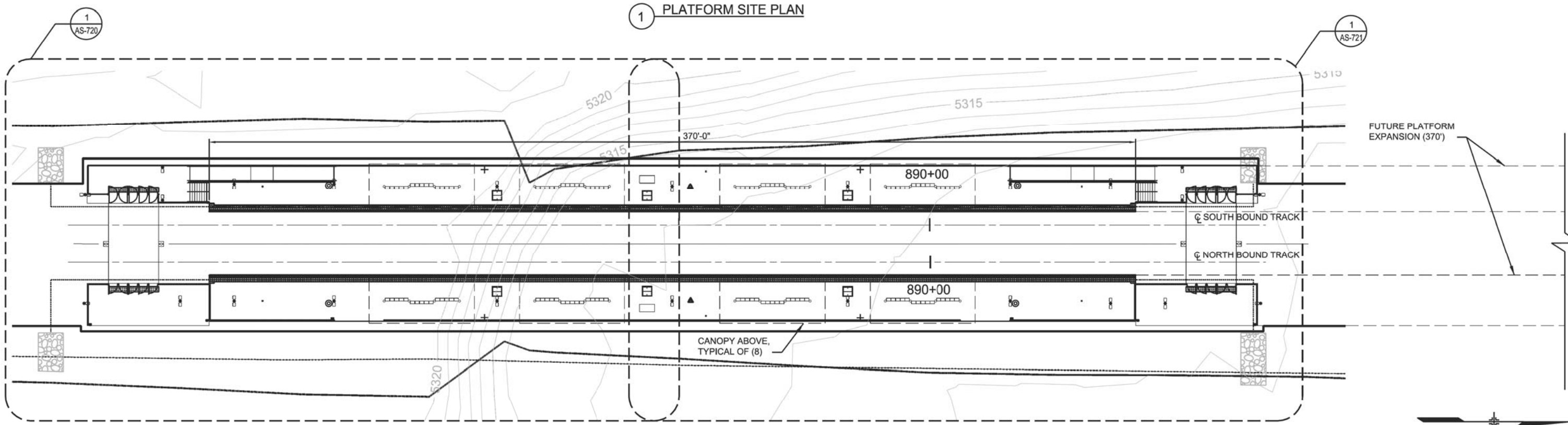




**Exhibit A**

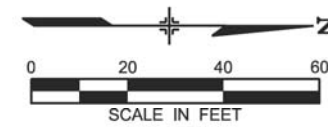


1 PLATFORM SITE PLAN



2 OVERALL PLATFORM PLAN

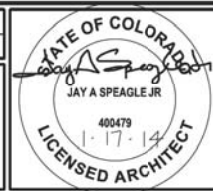
RELEASED FOR CONSTRUCTION  
R. W. [Signature] 1-31-14



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USER: mschwab 1/17/2014

DESIGNED BY: F/HDR	DATE: 8/23/13	CHECKED BY: RK	DATE: 12/26/13
DRAWN BY: MS	DATE: 8/23/13	APPROVED BY: JEK	DATE: 01/17/14
0 ISSUED FOR IFC SUBMITTAL, CDRL #7B-09.03F, REV 0	JAB	01/17/14	
NO.	REVISIONS	BY	DATE



**EAST CORRIDOR**  
61ST & PENA STATION  
ARCHITECTURAL SITE PLAN

SHEET REFERENCE NUMBER:  
AS-700



**Aviation Station Enabling Work (TSI-254.01)  
CDRL CA-105.037  
Change Report (RPC-037A & B) Rev 2**

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**1. Scope – Details of the proposed implementation of Concessionaire Proposed Change, RTD Proposed Change or Relief Notice (CA Sections 36.1(c)(i) and (ii), 36.3(e)(i), and 38.2(c)(i) (each, as applicable))**

Summary of the Work:

Design/Build: DTP is to provide design and construction services to modify the infrastructure design adjacent to and/or within the limits of the proposed Aviation Station, approximately sta. 886+49 to 891+39 in the East Corridor, to enable construction of the East Rail Line to proceed while DIA and the Developer complete the design for a side platform Station, with either at-grade or grade separated pedestrian crossings, and obtain NEPA clearances. The following design elements are considered to be essential to this interim design:

- Conduct geotechnical investigation required to design the interim shoring condition, and subgrade stabilization.
- Design of all subsurface elements beneath the track in this area including subgrade stabilization, track drainage and wall underdrains.
- Development of an excavation plan that will allow construction of underground elements.
- Design of an interim shoring or retaining wall system that will allow CRT construction to proceed and will allow the future installation of the station platform without compromising the integrity of the track structure. The retaining wall system will permit excavation adjacent to each completed commuter rail track, to facilitate the subsequent construction of below grade elements such as the foundations for platforms, canopies, and OCS. This system will be designed to Commuter Rail Vehicle loading standards and will be designed to remain in place after station construction is complete.
- Design of OCS foundations and gantries to accommodate station platform.
- Modification of the track design to include head hardened rail in the station area in accordance with section 4.4.7 of the design basis manual.
- Modification of the track design to accommodate the future installation of pedestrian at-grade crossings located at each end of the proposed station.





**Aviation Station Enabling Work (TSI-254.01)**  
**CDRL CA-105.037**  
**Change Report (RPC-037A & B) Rev 2**

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- Design of the crossing start cases and associated power drops and conduit. This is necessary in the event that at-grade crossings are eventually required.
- Design of other typical station elements that must pass beneath the commuter rail tracks, such as conduits for platform washdown lines, train control and communication conduits, and other utilities.
- Evaluation of the CRT systems design to identify elements that are in conflict with the proposed station including train control/signaling, communication conduits, and OCS pole locations.
- Design of the pedestrian fence required to be installed between the two CRT tracks within the limits of the proposed station.
- Construction of all elements listed within this section, including the final OCS Pole locations.

Scope Assumptions and Conditions:

The scope of work described in Section 1 of this Change Report and the Price provided in Section 2 and Schedule Impacts described in Section 3 are contingent upon the following Assumptions and Conditions:

- All excavation and backfill is for enabling work only. Platform excavation and backfill will be performed separately.
- DTP is designing and constructing the Aviation Station enabling work at the request of RTD (Task A & Task B). The scope of this change report represent the minimum enabling work that DTP anticipates would be required to Design and Construct the future Aviation Station without significant impact to project schedule. DTP shall not be held responsible for any additional enabling work not anticipated at this time or detailed in this change report. If any additional enabling work is required beyond that anticipated in this change or by design and construction of the permanent Aviation Station, DTP will be entitled to Relief for the cost of the additional enabling work requested to be performed.
- DTP is designing and constructing the Aviation Station enabling work at the request of RTD. DTP shall not be held responsible for any additional costs or



- impacts due to operational criteria changes caused by the future construction of a functioning station.
- Retaining wall system will extend from approximately sta. 886+72 to 891+39 (both sides of track) in order to accommodate a standard East Corridor platform length (40<sup>th</sup>&Airport / Peoria), but not accommodate future expansion.
  - The design will have a similar configuration and dimensions to the platform currently shown for the Peoria Station.
  - This enabling design will accommodate the sta. 886+72 southern limit for the final platform design as shown in RPC-037 Appendix A, Exhibit 1, and will accommodate either an at-grade or grade separated pedestrian crossing.
  - No modifications to the Blue Grama pond, or plan review and approvals by UDFCD, are required as the result of adding this enabling works.
  - RTD and all relevant authorities will provide plan approval within fourteen (14) days of the submittal of the concept plan.
  - Only a concept plan will be required to proceed with this work. In order to expedite DTP will as-built this enabling work and incorporate through a Design Change Notice (DCN).
  - Full Notice to Proceed for this RTD Proposed Change will be provided by February 8, 2013 with the corresponding MoR provided no later than February 15, 2013.
  - We assume no impact to the Train Control block layout design.
  - No aesthetic treatments are included for the OCS poles. Poles will be plain galvanized. If this is not acceptable, notice will need to be provided to DTP by February 27, 2013.
  - Insulated joints will be priced and installed when the station proceeds.
  - Power drop at station will be priced and installed when the station proceeds.
  - All cabling will be priced and installed when the station proceeds.
  - Grounding grid will be installed as part of the future station work.

Reference Documents:

Aconex Transmittal DTP-TRN-007282 – Proposal to Initiate the Interim Design for the Gateway Station



**Aviation Station Enabling Work (TSI-254.01)**  
**CDRL CA-105.037**  
**Change Report (RPC-037A & B) Rev 2**

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Aconex Official Letter RTD-OFLTR-000425 - Re: Proposal to Initiate the Interim Design for the Gateway Station

Aconex Official Letter RTD-OFLTR-000429 - RTD Proposed Change (RPC) No. 0037 Aviation Station

Aconex Transmittal DTP-TRN-007684 – RTD Proposed Change No. 37A&B, Aviation Station Enabling Work Design and Construction (TSI-254.01)

Aconex Informal Mail RTD-INFML-017510 – RTD Proposed Change No. 37A&B, Aviation Station Enabling Work Design and Construction (TSI-254.01)

Aconex Transmittal DTP-TRN-007705 – RTD Proposed Change No. 37A&B, Aviation Station Enabling Work Design and Construction (TSI-254.01)

**2. Pricing Summary – Additional Costs (CA Sections 36.1(c)(iii), 36.3(e)(ii) and 36.3(e)(iii), 38.2(c)(ii) (each, as applicable))**

This Change Report includes a fixed price of \$1,677,779 (Task A - \$257,845 and Task B - \$1,419,934) for all Incurred Costs for design and construction services during the Design/Build Period and an aggregate fixed price, in 2010 Dollars, of \$0 for all costs for operations and maintenance services during the Operating Period, as further detailed in Appendix 2 (at the request of RTD O&M costs have been deferred to a subsequent RTD Proposed Change). The fixed price is based upon the Work identified in Section 1 above. This Change Report includes the cost for the Aviation Station Enabling Work for both Design (Task A) and Construction (Task B), the cost is based on performing both the Design and Construction of the Enabling Work. DTP will need the notice to proceed on both the Design and Construction of the Enabling Work together in order to proceed. Pricing is valid through February 8, 2013.

The design and construction Incurred Costs will be incorporated into the Construction Payments, the WBS Pricing Form, the Schedule of Values, and the Revised Baseline Schedule during the first monthly update following the execution of the applicable MoR and Earned Value will be recorded as appropriate.

Incorporation of Incurred Costs into the Construction Payments and/or Service Payments, as applicable, does not infringe upon the Bond Proceeds raised to generally fund the Eagle Project. DTP has no obligation to fund this change.



DTP confirms that the Incurred Costs defined in Appendix 2 reflect any projected increases or decreases in the cost of operation; maintains the Equity IRR; reflects any required changes to the Designated Credit Agreements; and reflects any change to the risk profile of the Eagle Project.

**3. Schedule – Time Impacts (CA Sections 36.1(c)(iii), 36.3(e)(iv), 38.2(c)(iii) (each, as applicable))**

The Work described in Section 1, above, will not impact the Revenue Service Target Date and/or Final Completion Date for the applicable Commuter Rail Project if the Full Notice to Proceed is provided by February 8, 2013 and the corresponding MoR provided no later than February 15, 2013.

**4. Permits (CA Sections 36.1(c)(iii), 36.3(e)(v), 38.2(c)(ii) (each, as applicable))**

No additional permits will be required for the Aviation Station enabling work.

**5. Impact to Obligations of the Concessionaire (CA Sections 36.1(c)(iii), 36.3(e)(vi), 38.2(c)(iii) (each, as applicable))**

There is no impact on the obligations of DTP under Project Agreements resulting from this Change.

**6. Subcontractors ((CA Sections 36.1(c)(iii) and 36.3(e)(vii) (each, as applicable))**

DTP will utilize subcontractors during the execution of this change. These include at a minimum F/HDR Global Design Consultants

**7. Impacts on the Availability Ratio or Performance Deductions (CA Sections 36.1(c)(iii), 36.3(e)(viii), 38.2(c)(iv) (each, as applicable))**

There will be no long-term increase or decrease in the Availability Ratio or Performance Deductions.

**8. Further Effects or Benefits (CA Sections 36.1(c)(iii), 36.3(e)(ix), 38.2(c)(ii) (each, as applicable))**

There are no further impacts resulting from this change.

**9. Impact on DBE/SBE Goals (CA Sections 36.1(c)(iii), 36.3(e)(x) (each, as applicable))**



**Aviation Station Enabling Work (TSI-254.01)  
CDRL CA-105.037  
Change Report (RPC-037A & B) Rev 2**

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Achievement of the DBE/SBE Goals set forth in the Concession Agreement will not be impacted by this change.





- Appendix 1 – NA
- Appendix 2a – Design Pricing Summary
- Appendix 2b – Construction Pricing Summary
- Appendix 3 – Revised Table 3 *Base Annual Service Payments* (per CA Amendment No. 2) NA
- Appendix 4 – Cost Loaded Schedule Fragnet (see MoR 62A Attachment C)

## Capital Costs

### RPC-037A - Aviation Station Interim Configuration Design

		Cost	Mark-up	Total
Concessionaire	DTP - Grand Total	\$ 245,698	\$ 12,147	\$ 257,845
		Cost	Mark-up	Total
	Initial Funding		\$ -	
	Capital Credit	\$ -	\$ -	\$ -
		Cost	Mark-up	Total
Concessionaire	DTP	\$ 245,698	\$ 12,147	\$ 257,845
	DTP direct	\$ -	\$ -	\$ -
	Project subcontractors	\$ 242,941	\$ 12,147	\$ 255,088
	Project Contractors direct	\$ 919	\$ -	\$ 919
	Project Contractors mark ups on immediate subcontractors	\$ 1,838	\$ -	\$ 1,838

		Cost	Mark-up	Total
Project Contractor	DTS	\$ 243,816	\$ 1,882	\$ 245,698
	DTS direct (10% Mark-up)	\$ -	\$ -	\$ -
	Ltr of Credit (5% Mark-up)	\$ 875	\$ 44	\$ 919
	<b>Subtotal of DTS Directs</b>	<b>\$ 875</b>	<b>\$ 44</b>	<b>\$ 919</b>
	DTC direct (5% Mark-up)	\$ 36,758	\$ 1,838	\$ 38,596
	DTC Subs (0% Mark-up)	\$ 206,183	\$ -	\$ 206,183

		Cost	Mark-up	Total
Subcontractor to Project Contractor	DTC	\$ 230,030	\$ 12,911	\$ 242,941
	DTC direct (10% Mark-up)	\$ -	\$ -	\$ -
	DTC conting (10% Mark-up)	\$ 30,927	\$ 3,093	\$ 34,020
	DTC Bond (0% Mark-up)	\$ 2,738	\$ -	\$ 2,738
	<b>Subtotal of DTC Directs</b>	<b>\$ 33,665</b>	<b>\$ 3,093</b>	<b>\$ 36,758</b>
	Sub costs (5% Mark-up)	\$ 196,365	\$ 9,818	\$ 206,183

		Cost	Mark-up	Total
Sub-subcontractor	Subcontractors	\$ 196,365	\$ 9,818	\$ 206,183
	Sub's - Lump Sum Price	\$ 196,365	\$ 9,818	\$ 206,183

#### DTP - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTP Direct Costs</b>						
LTA Review Costs	HRS	0	\$ 320.30	\$ -		
					5% Mark-up	Total
<b>SUBTOTAL "DTP direct (5% Mark-up)"</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

#### DTS - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS Direct Costs</b>						
Letter of Credit Annual Fees (6% of DTC Total Price)(1.5% x 4 yrs)	%	6.0%	\$ 14,576.46	\$ 875		
Legal Fees	HR	0	\$ 238.37	\$ -		
					5% Mark-up	Total
<b>SUBTOTAL "DTS direct (5% Mark-up)"</b>				<b>\$ 875</b>	<b>\$ 44</b>	<b>\$ 919</b>

#### DTS Change Development

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
					10% Mark-up	Total
<b>SUBTOTAL "DTS direct (10% Mark-up)"</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

#### DTC - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>Subtotal</b>				<b>\$ -</b>		
					10% Mark-up	Total
<b>SUBTOTAL "DTC direct (10% Mark-up)"</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Subcontractors</b>						
F/HDR - Design Services	LS	1	\$ 196,365.00	\$ 196,365		
<b>Subtotal</b>				<b>\$ 196,365</b>		
					5% Mark-up	Total
<b>SUBTOTAL "DTC Subcontractor (5% Mark-up)"</b>				<b>\$ 196,365</b>	<b>\$ 9,818</b>	<b>\$ 206,183</b>

<b>Total - DTC Directs, Subs, &amp; Mark-ups</b>						<b>\$ 206,183</b>
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Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Contingency</b>						
Contingency	%	15%	\$ 206,183.00	\$ 30,927		
					10% Mark-up	Total
<b>SUBTOTAL "DTC - Contingency" (10% Mark-up)"</b>				<b>\$ 30,927</b>	<b>\$ 3,093</b>	<b>\$ 34,020</b>

<b>Total - DTC Directs, Subs, Mark-ups, &amp; Contingency</b>						<b>\$ 240,203</b>
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Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Bonds</b>						
Bond (Direct Cost + Subs + Mark-ups)	%	1.14%	\$ 240,203.00	\$ 2,738		
					0% Mark-up	Total
<b>SUBTOTAL "DTC direct (0% Mark-up)"</b>				<b>\$ 2,738</b>	<b>\$ -</b>	<b>\$ 2,738</b>

<b>DTC GRAND TOTAL PRICE</b>						<b>\$ 242,941</b>
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## Capital Costs

## RPC 037B - Aviation Station Interim Configuration Development, Construction, and Integration

	Cost	Mark-up	Total
<b>Concessionaire</b>			
DTP - Grand Total	\$ 1,356,228	\$ 63,706	\$ 1,419,934
	Cost	Mark-up	Total
Capital Credit	\$ -	\$ -	\$ -
	Cost	Mark-up	Total
<b>Concessionaire</b>			
DTP	\$ 1,356,228	\$ 63,706	\$ 1,419,934
DTP direct	\$ 2,562	\$ 128	\$ 2,690
Project subcontractors	\$ 1,271,564	\$ 63,578	\$ 1,335,142
Project Contractors direct	\$ 24,737	\$ -	\$ 24,737
Project Contractors mark ups on	\$ 57,365	\$ -	\$ 57,365

	Cost	Mark-up	Total
<b>Project Contractor</b>			
DTS	\$ 1,294,282	\$ 59,384	\$ 1,353,666
DTS direct (10% Mark-up)	\$ 17,663	\$ 1,766	\$ 19,429
Ltr of Credit (5% Mark-up)	\$ 5,055	\$ 253	\$ 5,308
Subtotal of DTS Directs	\$ 22,718	\$ 2,019	\$ 24,737
DTC direct (5% Mark-up)	\$ 1,147,304	\$ 57,365	\$ 1,204,669
DTC Subs (0% Mark-up)	\$ 124,260	\$ -	\$ 124,260

	Cost	Mark-up	Total
<b>Subcontractor to Project Contractor</b>			
DTC	\$ 1,162,649	\$ 108,915	\$ 1,271,564
DTC direct (10% Mark-up)	\$ 868,099	\$ 86,810	\$ 954,909
DTC conting (10% Mark-up)	\$ 161,875	\$ 16,188	\$ 178,063
DTC Bond (0% Mark-up)	\$ 14,332	\$ -	\$ 14,332
Subtotal of DTC Directs	\$ 1,044,306	\$ 102,998	\$ 1,147,304
Sub costs (5% Mark-up)	\$ 118,343	\$ 5,917	\$ 124,260

	Cost	Mark-up	Total
<b>Sub-subcontractor</b>			
Subcontractors	\$ 118,343	\$ 5,917	\$ 124,260
Sub's - Lump Sum Price	\$ 118,343	\$ 5,917	\$ 124,260

## DTP - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTP Direct Costs</b>						
LTA Review Costs	HRS	8	\$ 320.30	\$ 2,562		
					5% Mark-up	Total
				\$ 2,562	\$ 128	\$ 2,690
SUBTOTAL "DTP direct (5% Mark-up)"						

## DTS - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS Direct Costs</b>						
Letter of Credit Annual Fees (6% of DTC Total Price)(1.5% x 4 yrs)	%	6.0%	\$ 76,293.84	\$ 4,578		
Legal Fees	HR	2	\$ 238.37	\$ 477		
					5% Mark-up	Total
				\$ 5,055	\$ 253	\$ 5,308
SUBTOTAL "DTS direct (5% Mark-up)"						

## DTS - Change Development

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS - Change Development</b>						
DTS - Change Development	LS	1	\$ 17,663.00	\$ 17,663		
					10% Mark-up	Total
				\$ 17,663	\$ 1,766	\$ 19,429
SUBTOTAL "DTS direct (10% Mark-up)"						

## DTC - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>Demolition and Site Clearing</b>						
Clear and Grub (stockpile area)	ACR	1	\$ 2,984.00	\$ 2,984		
SWPPP BMPs (stockpile and work area)	LS	1	\$ 5,500.00	\$ 5,500		
Site Restoration (stockpile and work area)	ACR	1	\$ 3,900.00	\$ 3,900		
				Subtotal \$		\$ 12,384

<b>Earthwork and Site Preparation</b>						
Excavation to Waste	CY	3,395	\$ 9.10	\$ 30,895		
Excavation to stockpile	CY	1,458	\$ 8.00	\$ 11,664		
Stockpile to Wall Backfill (FF)	CY	1,458	\$ 14.50	\$ 21,141		
Subgrade Prep	SY	1,777	\$ 3.38	\$ 6,006		
Geo Textile						
Class 1 Structural Fill	CY	2,732	\$ 26.50	\$ 72,398		
				Subtotal \$		\$ 142,104

<b>Foundations and Retaining Walls</b>						
MSE Wall	SF	4,800	\$ 45.67	\$ 219,216		
Weep Holes	EA	192	\$ 125.00	\$ 24,000		
Filter Fabric/Ballast protection	SY	214	\$ 4.85	\$ 1,038		
Underdrain (6")	LF	1,100	\$ 22.40	\$ 24,640		
				Subtotal \$		\$ 268,894

<b>Site Utilities</b>						
Water Line Sleeves (3 locations)	LF	100	\$ 32.00	\$ 3,200		
Electrical /Comm. Sleeves (8 locations)	LF	256	\$ 32.00	\$ 8,192		
Train Control Sleeves	LF	100	\$ 32.00	\$ 3,200		
				Subtotal \$		\$ 14,592

<b>Track</b>						
Additional Rail Costs - HH Rail in Station	LS	1	\$ 65,850.00	\$ 65,850		
				Subtotal \$		\$ 65,850

<b>Systems</b>						
Additional Conduit	LF	2,895	\$ 38.03	\$ 110,097		
Additional Handholes	EA	12	\$ 800.00	\$ 9,600		
Additional Manholes	EA	2	\$ 6,820.00	\$ 13,640		
OCS Portal Structures Foundations	EA	4	\$ 15,946.00	\$ 63,784		
OCS Portal Structures	EA	2	\$ 31,000.00	\$ 62,000		
				Subtotal \$		\$ 259,121

<b>DTC - Survey</b>						
Survey Party	LS	1	\$ 11,378.00	\$ 11,378		
				Subtotal \$		\$ 11,378

<b>DTC - Additional Staff</b>						
DTC - Additional Staffing	LS	1	\$ 93,776.00	\$ 93,776		
				Subtotal \$		\$ 93,776

					10% Mark-up	Total
				\$ 868,099	\$ 86,810	\$ 954,909
SUBTOTAL "DTC direct (10% Mark-up)"						

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Subcontractors</b>						
Kleinfelder	LS	1	\$ 45,593.00	\$ 45,593		
Pedestrian Fence (placed at Track Center)	LF	710	\$ 25.00	\$ 17,750		
Anderson Drilling (OCS) Remobilization	LS	1	\$ 5,000.00	\$ 5,000		
XoRail	LS	1	\$ 50,000.00	\$ 50,000		
				Subtotal \$		\$ 118,343
					5% Mark-up	Total
				\$ 118,343	\$ 5,917	\$ 124,260
SUBTOTAL "DTC Subcontractor (5% Mark-up)"						

Total - DTC Directs, Subs, & Mark-ups \$ 1,079,169						
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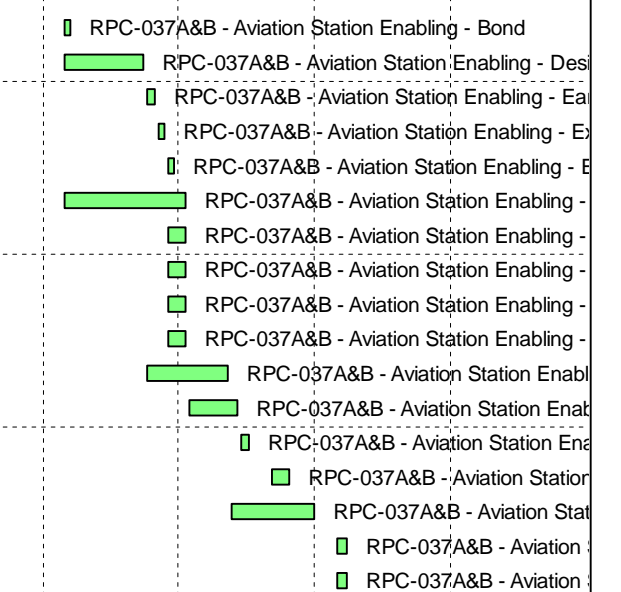
Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Contingency</b>						
Contingency	%	15%	\$ 1,079,169.00	\$ 161,875		
					10% Mark-up	Total
				\$ 161,875	\$ 16,188	\$ 178,063
SUBTOTAL "DTC - Contingency" (10% Mark-up)						

Total - DTC Directs, Subs, Mark-ups, & Contingency \$ 1,257,232						
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Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Bonds</b>						
Bond (Direct Cost + Subs + Mark-ups)	%	1.14%	\$ 1,257,232.00	\$ 14,332		
					0% Mark-up	Total
				\$ 14,332	\$ -	\$ 14,332
SUBTOTAL "DTC direct (0% Mark-up)"						

DTC GRAND TOTAL PRICE \$ 1,271,564						
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Activity ID	Activity Name	Original Duration	Total Float	Start	Finish	Cost	Location	Asset	SCC	DTP-PRICING FORM	2013						
											Q4	Q1	Q2	Q3	Q4		
<b>Total</b>		134	28	14-Jan-13	22-Jul-13	\$1,677,779											
<b>Eagle Project - Denver, Colorado, DTP 10/12, RPC-037A&amp;B Aviation Station Enabling</b>																	
<b>East Corridor</b>																	
RPC037AB110	RPC-037A&B - Aviation Station Enabling - Bond	5	12	14-Jan-13*	18-Jan-13	\$17,070	EC.X	I.0.032	BSE.40.08	F11.O.01.07							
RPC037AB120	RPC-037A&B - Aviation Station Enabling - Design - Early Works	40	12	14-Jan-13	08-Mar-13	\$140,203	EC.X	G	BSE.80.02	F11.O.01.05							
RPC037AB210	RPC-037A&B - Aviation Station Enabling - Earthwork/Site Prep	5	12	11-Mar-13	15-Mar-13	\$25,872	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05							
RPC037AB220	RPC-037A&B - Aviation Station Enabling - Excavation for Walls	5	12	18-Mar-13	22-Mar-13	\$75,793	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05							
RPC037AB410	RPC-037A&B - Aviation Station Enabling - Excavation for Railway - DTP	5	12	25-Mar-13	29-Mar-13	\$32,980	EC.X.S.060	N.1	BSE.40.05	F11.S.07.07							
RPC037AB130	RPC-037A&B - Aviation Station Enabling - Change Development/Design Oversight	60	32	14-Jan-13	05-Apr-13	\$120,174	EC.X.S.060	N.7	BSE.40.05	F11.S.07.07							
RPC037AB230	RPC-037A&B - Aviation Station Enabling - Install Underdrains	10	12	25-Mar-13	05-Apr-13	\$34,076	EC.X.S.060	N.3	BSE.40.02	F11.S.07.06							
RPC037AB240	RPC-037A&B - Aviation Station Enabling - Install Site Utilities - Sleeves	10	12	25-Mar-13	05-Apr-13	\$21,200	EC.X.S.060	N.3	BSE.40.02	F11.S.07.06							
RPC037AB260	RPC-037A&B - Aviation Station Enabling - Construct OCS Modifications	10	12	25-Mar-13	05-Apr-13	\$171,192	EC.X.S.060	R.1	BSE.50.04	F11.G.10.04							
RPC037AB420	RPC-037A&B - Aviation Station Enabling - U/G Structures - DTS	10	12	25-Mar-13	05-Apr-13	\$130,294	EC.X.S.060	N.7	BSE.40.05	F11.S.07.07							
RPC037AB125	RPC-037A&B - Aviation Station Enabling - Design - Final	40	12	11-Mar-13	03-May-13	\$100,000	EC.X	G	BSE.80.02	F11.O.01.05							
RPC037AB250	RPC-037A&B - Aviation Station Enabling - Construct Temporary Walls	25	12	08-Apr-13	10-May-13	\$333,011	EC.X.S.060	N.7	BSE.40.05	F11.S.07.07							
RPC037AB290	RPC-037A&B - Aviation Station Enabling - Backfill / Finish Grade (MUST COMPLETE BY 5/24/13)	5	12	13-May-13	17-May-13	\$129,870	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05							
RPC037AB280	RPC-037A&B - Aviation Station Enabling - Install Head Hardened Track @ Station	10	3	03-Jun-13*	14-Jun-13	\$84,387	EC.X.A	P.5.040	BSE.10.12	F11.G.02.05							
RPC037AB320	RPC-037A&B - Aviation Station Enabling - Revisions to Train Control (XoRail)	40	12	06-May-13	01-Jul-13	\$234,946	EC.X.A	R.3	BSE.50.01	F11.G.10.01							
RPC037AB300	RPC-037A&B - Aviation Station Enabling - Install Track Fencing	5	28	16-Jul-13	22-Jul-13	\$21,713	EC.X.S.060	N.5	BSE.40.06	F11.S.07.08							
RPC037AB310	RPC-037A&B - Aviation Station Enabling - Site Restoration	5	28	16-Jul-13	22-Jul-13	\$4,998	EC.X.S.060	N.5	BSE.40.06	F11.S.07.08							



Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	2013								
									Q4	Q1	Q2	Q3	Q4				
<b>Total</b>		134	14-Jan-13	22-Jul-13	\$1,677,779												
<b>DTP-PRICING FORM: F11 Form 11: Non Federal Funding in Federal Work Zones</b>													\$617,959	\$1,027,236	\$32,585		
<b>DTP-PRICING FORM: F11.G Guideway Elements</b>													\$617,959	\$1,027,236	\$32,585		
<b>DTP-PRICING FORM: F11.G.02 RTD Trackwork</b>													\$85,596	\$399,055	\$5,874		
<b>DTP-PRICING FORM: F11.G.02.05 Special Track</b>														\$84,387			
RPC037AB280	RPC-037A&B - Aviation Station Enabling - Install Head Hardened Track @ Station	10	03-Jun-13	14-Jun-13	\$84,387	EC.X.A	P.5.040	BSE.10.12									
<b>DTP-PRICING FORM: F11.G.10 Controls Systems</b>													\$85,596	\$314,668	\$5,874		
<b>DTP-PRICING FORM: F11.G.10.01 Train Control and Signaling</b>														\$229,072	\$5,874		
RPC037AB320	RPC-037A&B - Aviation Station Enabling - Revisions to Train Control (XoRail)	40	06-May-13	01-Jul-13	\$234,946	EC.X.A	R.3	BSE.50.01									
<b>DTP-PRICING FORM: F11.G.10.04 OCS (Traction Power Distribution)</b>													\$85,596	\$85,596			
RPC037AB260	RPC-037A&B - Aviation Station Enabling - Construct OCS Modifications	10	25-Mar-13	05-Apr-13	\$171,192	EC.X.S.060	R.1	BSE.50.04									
<b>DTP-PRICING FORM: F11.S Station Elements</b>													\$337,590	\$565,681	\$26,711		
<b>DTP-PRICING FORM: F11.S.07 Aviation Station</b>													\$337,590	\$565,681	\$26,711		
<b>DTP-PRICING FORM: F11.S.07.05 Demolition, Clearing, Earthwork</b>													\$101,665	\$129,870			
RPC037AB210	RPC-037A&B - Aviation Station Enabling - Earthwork/Site Prep	5	11-Mar-13	15-Mar-13	\$25,872	EC.X.S.060	N.1	BSE.40.01									
RPC037AB220	RPC-037A&B - Aviation Station Enabling - Excavation for Walls	5	18-Mar-13	22-Mar-13	\$75,793	EC.X.S.060	N.1	BSE.40.01									
RPC037AB290	RPC-037A&B - Aviation Station Enabling - Backfill / Finish Grade (MUST COMPLETE BY 5/24/13 FOR E5H TRACK INSTALLATION)	5	13-May-13	17-May-13	\$129,870	EC.X.S.060	N.1	BSE.40.01									
<b>DTP-PRICING FORM: F11.S.07.06 New Site Utilities</b>													\$27,638	\$27,638			
RPC037AB230	RPC-037A&B - Aviation Station Enabling - Install Underdrains	10	25-Mar-13	05-Apr-13	\$34,076	EC.X.S.060	N.3	BSE.40.02									
RPC037AB240	RPC-037A&B - Aviation Station Enabling - Install Site Utilities - Sleeves	10	25-Mar-13	05-Apr-13	\$21,200	EC.X.S.060	N.3	BSE.40.02									
<b>DTP-PRICING FORM: F11.S.07.07 Site Structures including retaining walls, sound walls</b>													\$208,287	\$408,173			
RPC037AB130	RPC-037A&B - Aviation Station Enabling - Change Development/Design Oversight	60	14-Jan-13	05-Apr-13	\$120,174	EC.X.S.060	N.7	BSE.40.05									
RPC037AB410	RPC-037A&B - Aviation Station Enabling - Excavation for Railway - DTP	5	25-Mar-13	29-Mar-13	\$32,980	EC.X.S.060	N.1	BSE.40.05									
RPC037AB420	RPC-037A&B - Aviation Station Enabling - U/G Structures - DTS	10	25-Mar-13	05-Apr-13	\$130,294	EC.X.S.060	N.7	BSE.40.05									

Project Start: 12-Feb-09

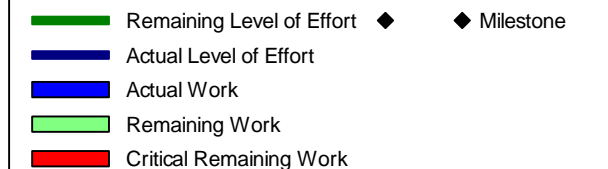
Project Finish: 26-Apr-17

Data Date: 27-Oct-12



**RPC-037 A&B - Aviation Station Enabling**

Note: Total Float based on October 2012 schedule upon which this fragnet is based.



Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	2013				
									Q4	Q1	Q2	Q3	Q4
RPC037AB250	RPC-037A&B - Aviation Station Enabling - Construct Temporary Walls	25	08-Apr-13	10-May-13	\$333,011	EC.X.S.060	N.7	BSE.40.05			\$333,011		
DTP-PRICING FORM: F11.S.07.08 Pedestrian/bike access and accomodation, landscaping		5	16-Jul-13	22-Jul-13	\$26,711							\$26,711	
RPC037AB300	RPC-037A&B - Aviation Station Enabling - Install Track Fencing	5	16-Jul-13	22-Jul-13	\$21,713	EC.X.S.060	N.5	BSE.40.06				\$21,713	
RPC037AB310	RPC-037A&B - Aviation Station Enabling - Site Restoration	5	16-Jul-13	22-Jul-13	\$4,998	EC.X.S.060	N.5	BSE.40.06				\$4,998	
DTP-PRICING FORM: F11.O Other Project Costs		80	14-Jan-13	03-May-13	\$257,273					\$194,773	\$62,500		
DTP-PRICING FORM: F11.O.01 Other Project Costs		80	14-Jan-13	03-May-13	\$257,273					\$194,773	\$62,500		
DTP-PRICING FORM: F11.O.01.05 Final Design		80	14-Jan-13	03-May-13	\$240,203					\$177,703	\$62,500		
RPC037AB120	RPC-037A&B - Aviation Station Enabling - Design - Early Works	40	14-Jan-13	08-Mar-13	\$140,203	EC.X	G	BSE.80.02		\$140,203			
RPC037AB125	RPC-037A&B - Aviation Station Enabling - Design - Final	40	11-Mar-13	03-May-13	\$100,000	EC.X	G	BSE.80.02		\$37,500	\$62,500		
DTP-PRICING FORM: F11.O.01.07 Bond and Letter of Credit		5	14-Jan-13	18-Jan-13	\$17,070					\$17,070			
RPC037AB110	RPC-037A&B - Aviation Station Enabling - Bond	5	14-Jan-13	18-Jan-13	\$17,070	EC.X	I.0.032	BSE.40.08		\$17,070			





**Aviation Station Task C – Rail Systems Design (TSI-254.03)  
CDRL CA-105.039  
Change Report (RPC -037C)**

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**1. Scope – Details of the proposed implementation of Concessionaire Proposed Change, RTD Proposed Change or Relief Notice (CA Sections 36.1(c)(i) and (ii), 36.3(e)(i), and 38.2(c)(i) (each, as applicable))**

Summary of the Work:

Design/Build: This Change Report and associated pricing is for DTP is to provide design services to complete the design of all CRT Systems, including train control and communications, required for the future Aviation Station in the East Corridor. Design services include the following:

- Completion of design drawings and required approvals at the 60%, 100%, Issued for Construction (IFC), and Released for Construction (RFC) stages.
- Modifications to existing East Corridor systems design to incorporate Aviation Station with two (2) at-grade pedestrian crossings.
- Finalization of Start Locations for the pedestrian crossings, and associated communication conduits and power drops.
- Location of OCS power drop and associated electrical conduits at the platform.
- Location of Train Control and Communication Houses.
- Evaluate the need for a new Master Location for additional track circuits at the station limits, and design of new Master Location if necessary.
- Incorporation of the Aviation Station communication plans into the system-wide communication design, including required modifications to the communication design of adjacent stations.
- Placement of a quantity of CCTV cameras, PA speakers and VMS displays based upon the existing design of the Peoria Station (final quantities cannot be determined until the station platform and canopy designs are complete).

Operations and Maintenance (O&M): Future Vehicle and O&M impacts are not included within this change. If the design elements of this change are constructed, DTP will incur additional O&M costs and be entitled to relief even if DTP is not selected to construct the system components at the Aviation Station platform.

Scope Assumptions and Conditions:

The scope of work described in Section 1 of this Change Report and the Price provided in Section 2 and Schedule Impacts described in Section 3 are contingent upon the following Assumptions and Conditions:



**Aviation Station Task C – Rail Systems Design (TSI-254.03)**  
**CDRL CA-105.039**  
**Change Report (RPC -037C)**

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- DTP shall not be held responsible for any additional costs or impacts due to operational criteria changes caused by the future construction of a functioning station.
- No costs for Design Services during Construction (DSDC) are included. DSDC pricing will be provided separately when the Aviation Station Construction Contractor is chosen.
- No further changes to Train Control block layout design as was previously modified for implementation of RPC 25.
- The number and location of the CCTV cameras, PA speakers and VMS displays are estimated based on the Peoria Station. Any revisions to the system design that are required as a result of the final station platform and canopy details are not included within the scope of this change.
- Impacts to vehicle performance guarantees, design, or maintenance cycles are excluded from this change which is limited to stand alone systems design.

Reference Documents:

Aconex Transmittal DTP-TRN-007282 – Proposal to Initiate the Interim Design for the Gateway Station

Aconex Official Letter RTD-OFLTR-000425 - Re: Proposal to Initiate the Interim Design for the Gateway Station

Aconex Official Letter RTD-OFLTR-000429 - RTD Proposed Change (RPC) No. 0037 Aviation Station

Aconex Official Letter RTD-OFLTR-000500 – Aviation Station

**2. Pricing Summary – Additional Costs (CA Sections 36.1(c)(iii), 36.3(e)(ii) and 36.3(e)(iii), 38.2(c)(ii) (each, as applicable))**

This Change Report includes a fixed price of \$496,066.00 for all Incurred Costs for design services during the Design/Build Period and an aggregate fixed price, in 2010 Dollars, of \$0 for all costs for operations and maintenance services during the Operating Period, as further detailed in Appendix 2 (at the request of RTD O&M costs have been deferred to a subsequent RTD Proposed Change). These fixed



**Aviation Station Task C – Rail Systems Design (TSI-254.03)**  
**CDRL CA-105.039**  
**Change Report (RPC -037C)**

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prices include all Incurred Costs associated with this RPC. The fixed price is based upon the Work identified in Section 1 above.

The design and construction Incurred Costs will be incorporated into the Construction Payments, the WBS Pricing Form, the Schedule of Values, and the Revised Baseline Schedule during the first monthly update following the execution of the applicable MoR and Earned Value will be recorded as appropriate.

Incorporation of Incurred Costs into the Construction Payments and/or Service Payments, as applicable, does not infringe upon the Bond Proceeds raised to generally fund the Eagle Project. DTP has no obligation to fund this change.

DTP confirms that the Incurred Costs defined in Appendix 2 reflect any projected increases or decreases in the cost of operation; maintains the Equity IRR; reflects any required changes to the Designated Credit Agreements; and reflects any change to the risk profile of the Eagle Project.

**3. Schedule – Time Impacts (CA Sections 36.1(c)(iii), 36.3(e)(iv), 38.2(c)(iii) (each, as applicable))**

Based on RTD Official Letter RTD-OFLTR-000500 dated June 6, 2013, the Work described in Section 1, above, will not impact the Revenue Service Target Date and/or Final Completion Date for the applicable Commuter Rail Project as this change provides for stand alone design and no construction or O&M scope is incorporated into the Work.

**4. Permits (CA Sections 36.1(c)(iii), 36.3(e)(v), 38.2(c)(ii) (each, as applicable))**

No additional permits will be required for the Aviation Station systems design.

**5. Impact to Obligations of the Concessionaire (CA Sections 36.1(c)(iii), 36.3(e)(vi), 38.2(c)(iii) (each, as applicable))**

The Design/Build Contract will be amended to reflect the change in obligations under the Project Agreements resulting from this Change.

**6. Subcontractors ((CA Sections 36.1(c)(iii) and 36.3(e)(vii) (each, as applicable))**

DTP will utilize subcontractors during the execution of this change. These include at a minimum F/HDR Global Design Consultants and XoRail.



**7. Impacts on the Availability Ratio or Performance Deductions (CA Sections 36.1(c)(iii), 36.3(e)(viii), 38.2(c)(iv) (each, as applicable))**

There will be no long-term increase or decrease in the Availability Ratio or Performance Deductions as a result of this revised design. Based on RTD Official Letter RTD-OFLTR-000500 dated June 6, 2013, this change provides for stand alone design and no construction or O&M scope is incorporated into the Work.

**8. Further Effects or Benefits (CA Sections 36.1(c)(iii), 36.3(e)(ix), 38.2(c)(ii) (each, as applicable))**

There are no further impacts resulting from this change.

**9. Impact on DBE/SBE Goals (CA Sections 36.1(c)(iii), 36.3(e)(x) (each, as applicable))**

Achievement of the DBE/SBE Goals set forth in the Concession Agreement will not be impacted by this change.



**Aviation Station Task C – Rail Systems Design (TSI-254.03)**  
**CDRL CA-105.039**  
**Change Report (RPC -037C)**

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Appendix 1 – N.A.

Appendix 2 – Pricing Summary

Appendix 3 – Revised Table 3 *Base Annual Service Payments* (per CA Amendment No. 2) N.A.

Appendix 4 – Cost Loaded Schedule Fragnet



## Capital Costs

## RPC-037C - Aviation Station Systems Design

		Cost	Mark-up	Total
Concessionaire	DTP - Grand Total	\$ 473,071	\$ 22,995	\$ 496,066
		Cost	Mark-up	Total
	DTP - Credit for Deleted Work	\$ -	\$ -	\$ -
		Cost	Mark-up	Total
Concessionaire	DTP	\$ 473,071	\$ 22,995	\$ 496,066
	DTP direct	\$ 641	\$ 32	\$ 673
	Project subcontractors	\$ 459,269	\$ 22,963	\$ 482,232
	Project Contractors direct	\$ 8,711	\$ -	\$ 8,711
	Project Contractors mark ups on immediate subcontractors	\$ 4,450	\$ -	\$ 4,450

		Cost	Mark-up	Total
Project Contractor	DTS	\$ 467,286	\$ 5,144	\$ 472,430
	DTS direct (10% Mark-up)	\$ 5,846	\$ 585	\$ 6,431
	Ltr of Credit (5% Mark-up)	\$ 2,171	\$ 109	\$ 2,280
	Subtotal of DTS Directs	\$ 8,017	\$ 694	\$ 8,711
	DTC direct (5% Mark-up)	\$ 88,997	\$ 4,450	\$ 93,447
	DTC Subs (0% Mark-up)	\$ 370,272	\$ -	\$ 370,272

		Cost	Mark-up	Total
Subcontractor to Project Contractor	DTC	\$ 434,017	\$ 25,252	\$ 459,269
	DTC direct (10% Mark-up)	\$ 1,759	\$ 176	\$ 1,935
	DTC conting (10% Mark-up)	\$ 74,441	\$ 7,444	\$ 81,885
	DTC Bond (0% Mark-up)	\$ 5,177	\$ -	\$ 5,177
	Subtotal of DTC Directs	\$ 81,377	\$ 7,620	\$ 88,997
	Sub costs (5% Mark-up)	\$ 352,640	\$ 17,632	\$ 370,272

		Cost	Mark-up	Total
Sub-subcontractor	Subcontractors	\$ 352,640	\$ -	\$ 352,640
	Sub's - Lump Sum Price	\$ 352,640	\$0 override	\$ 352,640

## DTP - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTP Direct Costs</b>						
LTA Review Costs	HRS	2	\$ 320.30	\$ 641		
					5% Mark-up	Total
SUBTOTAL "DTP direct (5% Mark-up)"				\$ 641	\$ 32	\$ 673

## DTS - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS Direct Costs</b>						
Letter of Credit Annual Fees (6% of DTS Total Price)(1.5% x 4 yrs)	%	6.0%	\$ 28,237.62	\$ 1,694		
Legal Fees	HR	2	\$ 238.37	\$ 477		
					5% Mark-up	Total
SUBTOTAL "DTS direct (5% Mark-up)"				\$ 2,171	\$ 109	\$ 2,280

## DTS Additional Staff

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
DTS - Additional Staffing	LS	1	\$ 346.18	\$ 346		
Systems Design Manager	LS	1	\$ 5,500.00	\$ 5,500		
					10% Mark-up	Total
SUBTOTAL "DTS direct (10% Mark-up)"				\$ 5,846	\$ 585	\$ 6,431

## DTC - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
				\$ -		
				\$ -		
				\$ -		
				\$ -		
				\$ -		
				\$ -		
Subtotal				\$ -		

## DTC - Additional Staff

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
DTC - Additional Staffing	LS	1	\$ 1,758.74	\$ 1,759		
Subtotal				\$ 1,759		

## DTC - Survey

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
Survey Party	LS	0	\$ -	\$ -		
Subtotal				\$ -		
					10% Mark-up	Total
SUBTOTAL "DTC direct (10% Mark-up)"				\$ 1,759	\$ 176	\$ 1,935

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Subcontractors</b>						
XoRail	LS	1	\$ 284,968.00	\$ 284,968		
F/HDR - Design Services	LS	1	\$ 67,672.00	\$ 67,672		
					5% Mark-up	Total
SUBTOTAL "DTC Subcontractors (5% Mark-up)"				\$ 352,640	\$ 17,632	\$ 370,272

**Total - DTC Directs, Subs, & Mark-ups \$ 372,207**

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Contingency</b>						
Contingency	%	20%	\$ 372,207.00	\$ 74,441		
					10% Mark-up	Total
SUBTOTAL "DTC - Contingency" (10% Mark-up)"				\$ 74,441	\$ 7,444	\$ 81,885

**Total - DTC Directs, Subs, Mark-ups, & Contingency \$ 454,092**

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Bonds</b>						
Bond (Direct Cost + Subs + Mark-ups)	%	1.14%	\$ 454,092.00	\$ 5,177		
					0% Mark-up	Total
SUBTOTAL "DTC direct (0% Mark-up)"				\$ 5,177	\$ -	\$ 5,177

**DTC GRAND TOTAL PRICE \$ 459,269**

Activity ID	Activity Name	Original Duration	Total Float	Start	Finish	Cost	Location	Asset	SCC	DTP-PRICING FORM	2013				
											Q2	Q3	Q4		
<b>Total</b>		40	285	28-May-13	23-Jul-13	\$496,066									
<b>Eagle Project - Denver, Colorado, DTP 10/12, RPC-037C Aviation Station Sy</b>															
<b>East Corridor</b>															
Design - East Corridor															
<b>RPC-037C Aviation Station Systems Design</b>															
RPC037C010	RPC-037C Aviation Station Systems Design - Bond	5	27	28-May-13*	03-Jun-13	\$5,177	EC.X	I.0.032	BSE.40.08	F11.O.01.07					
RPC037C050	RPC-037C Aviation Station Systems Design - Final Design - DTP	5	62	28-May-13	03-Jun-13	\$9,858	EC.X	G	BSE.80.02	F11.O.01.05					
RPC037C060	RPC-037C Aviation Station Systems Design - Final Design - DTS	5	320	28-May-13	03-Jun-13	\$26,939	EC.X	G	BSE.80.02	F11.O.01.05					
RPC037C020	RPC-037C Aviation Station Systems Design - Final Design (F/HDR)	40	27	28-May-13	23-Jul-13	\$86,687	EC.X	G	BSE.80.02	F11.O.01.05					
RPC037C030	RPC-037C Aviation Station Systems Design - Change Development / Design C	40	27	28-May-13	23-Jul-13	\$2,361	EC.X	G	BSE.80.02	F11.O.01.05					
RPC037C040	RPC-037C Aviation Station Systems Design - Final Design (XoRail)	40	285	28-May-13	23-Jul-13	\$365,044	EC.X	G	BSE.80.02	F11.O.01.05					
Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	2013			Q2	Q3	Q4	
<b>Total</b>		40	28-May-13	23-Jul-13	\$496,066							\$314,429	\$181,637		
<b>DTP-PRICING FORM: F11 Form 11: Non Federal Funding in Federal Work</b>													\$314,429	\$181,637	
<b>DTP-PRICING FORM: F11.O Other Project Costs</b>													\$314,429	\$181,637	
<b>DTP-PRICING FORM: F11.O.01 Other Project Costs</b>													\$314,429	\$181,637	
<b>DTP-PRICING FORM: F11.O.01.05 Final Design</b>													\$309,252	\$181,637	
RPC037C050	RPC-037C Aviation Station Systems Design - Final Design - DTP	5	28-May-13	03-Jun-13	\$9,858	EC.X	G	BSE.80.02				\$9,858			
RPC037C060	RPC-037C Aviation Station Systems Design - Final Design - DTS	5	28-May-13	03-Jun-13	\$26,939	EC.X	G	BSE.80.02				\$26,939			
RPC037C020	RPC-037C Aviation Station Systems Design - Final Design (F/HDR)	40	28-May-13	23-Jul-13	\$86,687	EC.X	G	BSE.80.02				\$52,012	\$34,675		
RPC037C030	RPC-037C Aviation Station Systems Design - Change Development / Design Oversight	40	28-May-13	23-Jul-13	\$2,361	EC.X	G	BSE.80.02				\$1,417	\$944		
RPC037C040	RPC-037C Aviation Station Systems Design - Final Design (XoRail)	40	28-May-13	23-Jul-13	\$365,044	EC.X	G	BSE.80.02				\$219,026	\$146,018		
<b>DTP-PRICING FORM: F11.O.01.07 Bond and Letter of Credit</b>													\$5,177		
RPC037C010	RPC-037C Aviation Station Systems Design - Bond	5	28-May-13	03-Jun-13	\$5,177	EC.X	I.0.032	BSE.40.08				\$5,177			

- RPC-037C Aviation Station Systems Design - Bond
- RPC-037C Aviation Station Systems Design - Final Design
- RPC-037C Aviation Station Systems Design - Final Design
- RPC-037C Aviation Station Systems Design
- RPC-037C Aviation Station Systems Design
- RPC-037C Aviation Station Systems Design

Project Start: 12-Feb-09

Data Date: 25-May-13



**RPC-037C Aviation Station Systems Design**

*Note: Total Float based on May 2013 schedule upon which this fragnet is based.*

- Remaining Level of Effort ◆ ◆ Milestone
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work



**Aviation Station Task D – Platform Design (TSI-254.04)  
CDRL CA-105.042  
Change Report (RPC 037D)**

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**1. Scope – Details of the proposed implementation of Concessionaire Proposed Change, RTD Proposed Change or Relief Notice (CA Sections 36.1(c)(i) and (ii), 36.3(e)(i), and 38.2(c)(i) (each, as applicable))**

Summary of the Work:

Design/Build: This Change Report and associated pricing is for Denver Transit Partners (DTP) to furnish all management and design services to provide a complete standalone design package for the Aviation Station northbound and southbound side platforms that can be incorporated into the Work by DTP through a subsequent RTD Proposed Change (RPC) for construction. The standalone Aviation Station Platform design package will consist of the following:

- DTP will develop an Issued for Construction (IFC) drawing set.
- DTP will provide unmodified Eagle Technical specifications as part of this package. Further development of a “bid set” will be performed by the developer.
- The design of the station will consist of a two side platform configuration (NB/SB) consistent with the current design of the 40<sup>th</sup> and Airport station including private pedestrian at-grade crossings located at each end of the station platform with the unique Aviation Station Canopy style (Appendix 1A).

The following steps will be utilized to reach the IFC drawing set.

- **60% Submittal**
  - a) Structural Design Plans
    - a. Design and prepare platform station plans for 480 ft. long platforms adjacent to the NB/SB Tracks along the East Corridor at STA 886+50.
    - b. Design and prepare plans for retaining walls and foundations for access ramps leading from the at-grade crossing to the station platform, stairs leading from the at-grade crossing to the station platform, track side walls, non-track side walls, and a new canopy design.
  - b) Architectural Design Plans
    - a. Develop Concept Design Option 5 (Aviation Station Canopy) as shown in Appendix 1.
    - b. Prepare design documents for the station canopy at the 480 ft. long platforms adjacent to the NB/SB Tracks along the East Corridor at Sta.886+50.

- c. Prepared design documents to include:
        - i. Plans, elevations, sections, details, schedules for all aspects of the platforms, including amenities.
    - c) Civil Design Plans
      - a. Prepare design documents related to the civil design.
    - d) City and County of Denver – Development Services Review
      - a. Prepare separate plan set for CCD-DS review.
  - **100% Submittal**
    - a) Structural Design Plans
      - a. Update platform station plans for 480 ft. long platforms adjacent to the NB/SB Tracks along the East Corridor at STA 886+50.
      - b. Update retaining walls and foundations for access ramps, platform stairs, track side walls, non-track side walls, and new canopy design.
      - c. Address agency comment / response matrix based on 60% submittal.
      - d. Structural design calculations.
    - b) Structural Independent Check Calculations
      - a. Prepare Independent Check calculations for 480 ft. long platforms adjacent to the NB/SB tracks along the East Corridor at STA 866+50.
      - b. Prepare comment / response matrix.
      - c. Reconcile Design calculations and Independent Check Calculations.
    - c) Architectural Design Plans
      - a. Update design documents for the station canopy at the 480 ft. long platforms adjacent to the NB/SB Tracks along the East Corridor at STA 886+50.
      - b. Address Agency comment / response matrix based on 60% submittal.
      - c. Emergency Egress report.
    - d) Civil Design Plans
      - a. Update design documents related to the civil design.



**Aviation Station Task D – Platform Design (TSI-254.04)**  
**CDRL CA-105.042**  
**Change Report (RPC 037D)**

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- b. Prepare lighting design documents and calculations based upon the average lighting level White Paper.
- e) City and County of Denver – Development Services Review
  - a. Revise separate plan set for CCD-DS review.
- **IFC Submittal**
  - a) Structural Design Plans
    - a. Update platform station plans for 480 ft. long platforms adjacent to the NB/SB Tracks along the East Corridor at STA 886+50.
    - b. Update retaining walls and foundations for access ramps, platform stairs, track side walls, non-track side walls, and new canopy design.
    - c. Address agency comment / response matrix based on 100% submittal.
    - d. Structural design calculations.
  - b) Structural Independent Check Calculations
    - a. Revise Independent Check calculations for 480ft long platforms adjacent to the NB/SB tracks along the East Corridor at STA 866+50.
    - b. Prepare comment / response matrix.
    - c. Reconcile Design calculations and Independent Check Calculations.
  - c) Architectural Design Plans
    - a. Update design documents for the station canopy at the 480ft long platforms adjacent to the NB/SB Tracks along the East Corridor at STA 886+50.
    - b. Address Agency comment / response matrix based on 100% submittal.
    - c. Emergency Egress report.
  - d) Civil Design Plans
    - a. Update design documents related to the civil design.
    - b. Prepare lighting design documents and calculations based upon the average lighting level White Paper.
  - e) City and County of Denver – Development Services Review
    - a. Submit separate plan set for CCD-DS review.



f) Resolution of valid IFC Comments.

Additional Design and Management services included with the above scope are as follows:

- One set of design exhibits provided as requested by RTD to support RTD's efforts to obtain the required NEPA and FTA clearances for the Aviation Station.
- Coordination with the Developer for Work excluded from DTP's scope including alternate platform amenities, station plazas, street access, fare collection equipment, drivers relief stations, maintenance storage facilities and parking facilities.
- Attend Weekly Project Design Team Meetings.
- Attend Monthly Client Meetings.
- Attend one public involvement meeting as required and provide the following single set of renderings in support of DIA and the Developer:
  1. Three (3) individual views of the platform – 22" x 34" renderings on poster board.
  2. One (1) colored site plan on 22" x 34" posterboard.
  3. Two (2) sets of plans printed from design files at time of meeting.

Operations and Maintenance (O&M): Future O&M impacts are not included within this change as directed by RTD through RTD-OFLTR-000500. If the design elements of this change are to be constructed, RTD will, in accordance with Section 36.3 of the CA, issue an RTD Proposed Change to address O&M impacts, even if DTP is not selected to construct the platform components at the Aviation Station platform.

Scope Assumptions and Conditions:

The scope of work described in Section 1 of this Change Report and the Price provided in Section 2 and Schedule Impacts described in Section 3 are contingent upon the following Assumptions and Conditions:

- RTD is the designated point of contact for the collection, filtering, and distribution of design review comments from the stakeholders.



**Aviation Station Task D – Platform Design (TSI-254.04)**  
**CDRL CA-105.042**  
**Change Report (RPC 037D)**

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- DTP is performing the Aviation Station platform design separate from the future station transition plaza, plaza, and parking lots at the request of RTD. DTP shall not be held responsible for any additional costs or impacts due to operational criteria changes caused by the future construction of a functioning station.
- Full Notice to Proceed (NTP) for this RTD Proposed Change will be provided by June 21, 2013. Direction to implement the RTD Proposed Change was received on June 24, 2013 (RTD-OFLTR-000507).
- No costs for Design Services during Construction (DSDC) are included. DSDC pricing will be provided separately through an alternate RPC if the Aviation Station Construction is awarded to DTP.
- All aesthetic requirements including but not limited to concrete color, canopy color and vertical wall textures (formliner) are assumed to match current standard designs for the 40th and Airport station. Changes to these standard aesthetical features are required by the 60% design submittal.
- The design of the at-grade pedestrian crossings will be consistent with the crossing designs for other stations of the same platform configuration included in the Eagle Project Work.
- Development of a PUC application and obtaining any PUC order associated with this private at-grade crossing is excluded from this change. Any alternate pedestrian treatments mandated by a PUC order are excluded from this change.
- Station canopies and associated foundations will be the DIA/Gensler/Civitas alternate option 5 - Aviation Station style canopy in Appendix 1a. If an alternate canopy design is selected, DTP will be entitled to receive relief prior to implementing the change.
- Structure design for the new canopy structure assumes the use of a manufacturer's prefabricated exposed steel deck roofing system (i.e. 2" Epicore). Design of a steel deck roofing system is not included with this report.
- Structure design for new canopy structure assumes the use of a manufacturer's prefabricated pedestrian seats/bench system. Design of the seat/bench system will be based on the concept of the industrial loft modern canopy.
- Structure design for new canopy structure assumes the use of a manufacturer's prefabricated windbreak system. Design of the windbreak system will be based on the concept of the industrial loft modern canopy.

- The following items at Aviation Station are specifically excluded from this Change Report:
  - Drivers Relief Kiosk
  - Fare Collection Equipment (Ticket Kiosks)
  - Vertical transitions from the platform to the at grade crossing on the east side.
  - Station plazas
  - Landscaping
  - Demolition design
  - Wet and dry utility design outside of the station platform. DTC will design water service from the proposed main to the platform service. DTC will coordinate with Xcel Energy.
  - Modifications / Revisions to Blue Grama Pond Grading other than grading to add the platform structural walls.
  - Payment of tap fees.
- Any preparation of construction documents for advertisement and design support during the advertisement phase of any bid package are excluded from this scope.
- Quantity calculation and Engineer's cost estimate are excluded from this scope.
- The scope of this change excludes the design of the required water quality treatment system for the station platforms and pedestrian at grade crossing areas which will be by others.
  - The scope of this change is limited to the design of the platform water collection and conveyance system. This system will include the collection of the runoff into an enclosed system that will be piped to the southern limit of the station construction then extended to five feet east of the CRT ROW line. This responsibility includes obtaining required approvals, if any, that will allow construction of the platform drainage system within the CRT ROW in advance of obtaining approvals to or construction of the balance of the water quality system.
- Design of communications and systems design are excluded from this Change Report and are included solely in RPC-037C, Aviation Station Systems, which will not be a part of this Work.



**Aviation Station Task D – Platform Design (TSI-254.04)**  
**CDRL CA-105.042**  
**Change Report (RPC 037D)**

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- All Aviation Station Structural Designs are assumed to use the SS-900 Series structural design details. This includes structural design for all walls and foundations.
- Structure wall design includes cantilever and MSE retaining walls only. Alternative retaining wall designs such as soil-nail, tie-back, and soldier pile walls are not included.
- Structure design assumes the use of 4” precast panels used for the platforms and designed by the supplier.
- The final proposed grade of the pedestrian transition plaza is assumed to be level with the elevation of the eastern station platform. The anticipated stair and ramp east of the platform is to be designed by the developer.
- The scope of this Change Report includes design services only. Constructability and O&M operability reviews are excluded from the scope of this change.
- The price of this Change Report is based upon the implementation of the following design review process as discussed in the bullets below and further detailed in the schedule attached as Appendix 4:
  - The Third Party Stakeholders for the Aviation Station platform design are defined to be:
    - City and County of Denver (CCD), permitting entity, and
    - CCD Department of Aviation (DIA), and
    - Other Third Parties who have approval rights.
  - DTP will coordinate the design development with reviewers from RTD. RTD as the designated point of contact will coordinate the review effort of third party stakeholders. Coordination of the design development will be through weekly Technical Work Group (TWG) meetings, monthly meetings and formal submittals at the 60%, 100% and IFC stages. There will be no interim stop and plot reviews. The cost and time provided within this RTD Change Report is based upon all Third Party Stakeholders being committed to fully participate in the TWG’s, and formal submittal reviews to address and resolve comments in support of the design development schedule. RTD and Third Party Stakeholders are responsible to incorporate into these reviews all relevant reviewers from their agencies or interested third parties, including DIA’s developer. DTP will not solicit or respond to comments provided by anyone other than the RTD.



**Aviation Station Task D – Platform Design (TSI-254.04)**  
**CDRL CA-105.042**  
**Change Report (RPC 037D)**

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- Interested third party (any entity other than the RTD and Third Party Stakeholders) coordination is the responsibility of RTD.
  - Third party requests to move the location of the station platforms, details of the station platforms, canopy styles, details of pedestrian transition plaza, or other station infrastructure, will not be entertained within the scope of this change.
  - Requests to review or revise the Blue Grama Pond design are excluded from this change.
  
- The scope of this change covers development of the Aviation Station Platform design through 100% and to Issue for Construction (IFC). Formal submittals that require RTD and Third Party Stakeholders review and comment will be made at the following design development stages:
  - 60%,
  - 100%
  - IFC
  
- RTD and Third Party Stakeholders will have thirty (30) calendar days to provide formal review comments at each defined review stage (review comment deadline). This may be a variation from the RTD's contractual review periods established within the Inter-Governmental (IGA) agreements entered into by the RTD and the Third Party Stakeholder. RTD is responsible to ensure Third Party Stakeholders provide detailed review comments within the established timeframe. If comments are not received within the allotted thirty calendar days, all design package submissions are assumed to be approved. If detailed reviews, consistent with the scope of the Eagle Project, are not provided within the established timeframe, the cost and time of performance of this Change will be impacted and DTP will be entitled to relief.
  
- Within fourteen (14) calendar days following the review comment deadline, DTP will conduct a comment resolution workshop. RTD and Third Party Stakeholders are expected to actively participate within the comment resolution workshop with the goal of developing a mutually agreed path forward for all raised issues.
  
- At the completion of the design development, DTP will issue a 100% design submittal for formal review, comment and comment resolution as defined above. Following the completion of the comment resolution meeting an Issued for Construction (IFC) set of plans will be submitted to the RTD and Third Party Stakeholders. RTD and Third Party Stakeholders will have fourteen (14) calendar days to provide



**Aviation Station Task D – Platform Design (TSI-254.04)**  
**CDRL CA-105.042**  
**Change Report (RPC 037D)**

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concurrency of the IFC status of the design package. The purpose of this IFC concurrence period is to allow RTD and Third Party Stakeholders to verify that previously submitted comments were accurately addressed within the IFC package. It is not intended as an additional review or comment period. To support this accelerated design deliverable process, new comments and/or issues raised during the IFC concurrence review period cannot be incorporated into the Final Design.

- Impacts to vehicle performance guarantees, design, or maintenance cycles are excluded from this change which is limited to stand alone platform design.

Reference Documents:

Aconex Transmittal DTP-TRN-007282 – Proposal to Initiate the Interim Design for the Gateway Station

Aconex Official Letter RTD-OFLTR-000425 - Re: Proposal to Initiate the Interim Design for the Gateway Station

Aconex Official Letter RTD-OFLTR-000429 - RTD Proposed Change (RPC) No. 0037 Aviation Station

Aconex Official Letter RTD-OFLTR-000500 – Aviation Station Operations and Maintenance Clarification

Aconex Transmittal DTP-TRN-009759 - CDRL CA-105.042, RTD Proposed Change No. 37D, Aviation Station Platform Design (TSI-254.04)

Aconex Official Letter RTD-OFLTR-000507 – CDRL CA-105.042, RTD Proposed Change No. 37D, Aviation Station Platform Design (TSI-254.04)

Aconex Transmittal DTP-TRN-009895 - CDRL CA-105.042, RTD Proposed Change No. 37D, Aviation Station Platform Design (TSI-254.04)

**2. Pricing Summary – Additional Costs (CA Sections 36.1(c)(iii), 36.3(e)(ii) and 36.3(e)(iii), 38.2(c)(ii) (each, as applicable))**



**Aviation Station Task D – Platform Design (TSI-254.04)**  
**CDRL CA-105.042**  
**Change Report (RPC 037D)**

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This Change Report includes a fixed price of \$1,049,828 for all Incurred Costs for design services during the Design/Build Period and an aggregate fixed price, in 2010 Dollars, of \$0 for all costs for operations and maintenance services during the Operating Period, as further detailed in Appendix 2 (at the request of RTD O&M costs have been deferred to a subsequent RTD Proposed Change). These fixed prices include all Incurred Costs associated with this RPC. The fixed price is based upon the Work identified in Section 1 above.

The design and construction Incurred Costs will be incorporated into the Construction Payments, the WBS Pricing Form, the Schedule of Values, and the Revised Baseline Schedule during the first monthly update following the execution of the applicable MoR and Earned Value will be recorded as appropriate.

Incorporation of Incurred Costs into the Construction Payments and/or Service Payments, as applicable, does not infringe upon the Bond Proceeds raised to generally fund the Eagle Project. DTP has no obligation to fund this change.

DTP confirms that the Incurred Costs defined in Appendix 2 reflect any projected increases or decreases in the cost of operation; maintains the Equity IRR; reflects any required changes to the Designated Credit Agreements; and reflects any change to the risk profile of the Eagle Project.

**3. Schedule – Time Impacts (CA Sections 36.1(c)(iii), 36.3(e)(iv), 38.2(c)(iii) (each, as applicable))**

The Work described in Section 1, above, is scheduled as shown in Appendix 4 and will not impact the Revenue Service Target Date and/or Final Completion Date for the applicable Commuter Rail Project. Construction impacts to the Revenue Service Target Date are excluded from this RPC and will need to be evaluated. The current design schedule based on the scope provided in Section No. 1 above has the platform design being complete in the second quarter of 2014 (as shown in Additional Documents – Aviation Station Milestone Schedule). This estimated date is contingent upon receipt of a NTP by June 21, 2013. The price and schedule provided within this Change Report is not valid if a NTP is not provided by June 21, 2013. Direction to implement the RTD Proposed Change was received on June 24, 2013 (RTD-OFLTR-000507).

**4. Permits (CA Sections 36.1(c)(iii), 36.3(e)(v), 38.2(c)(ii) (each, as applicable))**

No additional permits will be required for the Aviation Station platform design. Obtaining of construction permits is excluded from the scope of this change.





**5. Impact to Obligations of the Concessionaire (CA Sections 36.1(c)(iii), 36.3(e)(vi), 38.2(c)(iii) (each, as applicable))**

The Design/Build Contract will be amended to reflect the change in obligations under the Project Agreements resulting from this Change.

**6. Subcontractors ((CA Sections 36.1(c)(iii) and 36.3(e)(vii) (each, as applicable))**

DTP will utilize subcontractors during the execution of this change. These include at a minimum F/HDR Global Design Consultants.

**7. Impacts on the Availability Ratio or Performance Deductions (CA Sections 36.1(c)(iii), 36.3(e)(viii), 38.2(c)(iv) (each, as applicable))**

There is no impact to the long-term increase or decrease in the Availability Ratio or Performance Deductions as a result solely of this RPC. Based on RTD Official Letter RTD-OFLTR-000500 dated June 6, 2013, this change provides for stand alone design and no construction or O&M scope is incorporated into the Work.

**8. Further Effects or Benefits (CA Sections 36.1(c)(iii), 36.3(e)(ix), 38.2(c)(ii) (each, as applicable))**

There are no further impacts resulting from this change.

**9. Impact on DBE/SBE Goals (CA Sections 36.1(c)(iii), 36.3(e)(x) (each, as applicable))**

Achievement of the DBE/SBE Goals set forth in the Concession Agreement will not be impacted by this change.



**Aviation Station Task D – Platform Design (TSI-254.04)**  
**CDRL CA-105.042**  
**Change Report (RPC 037D)**

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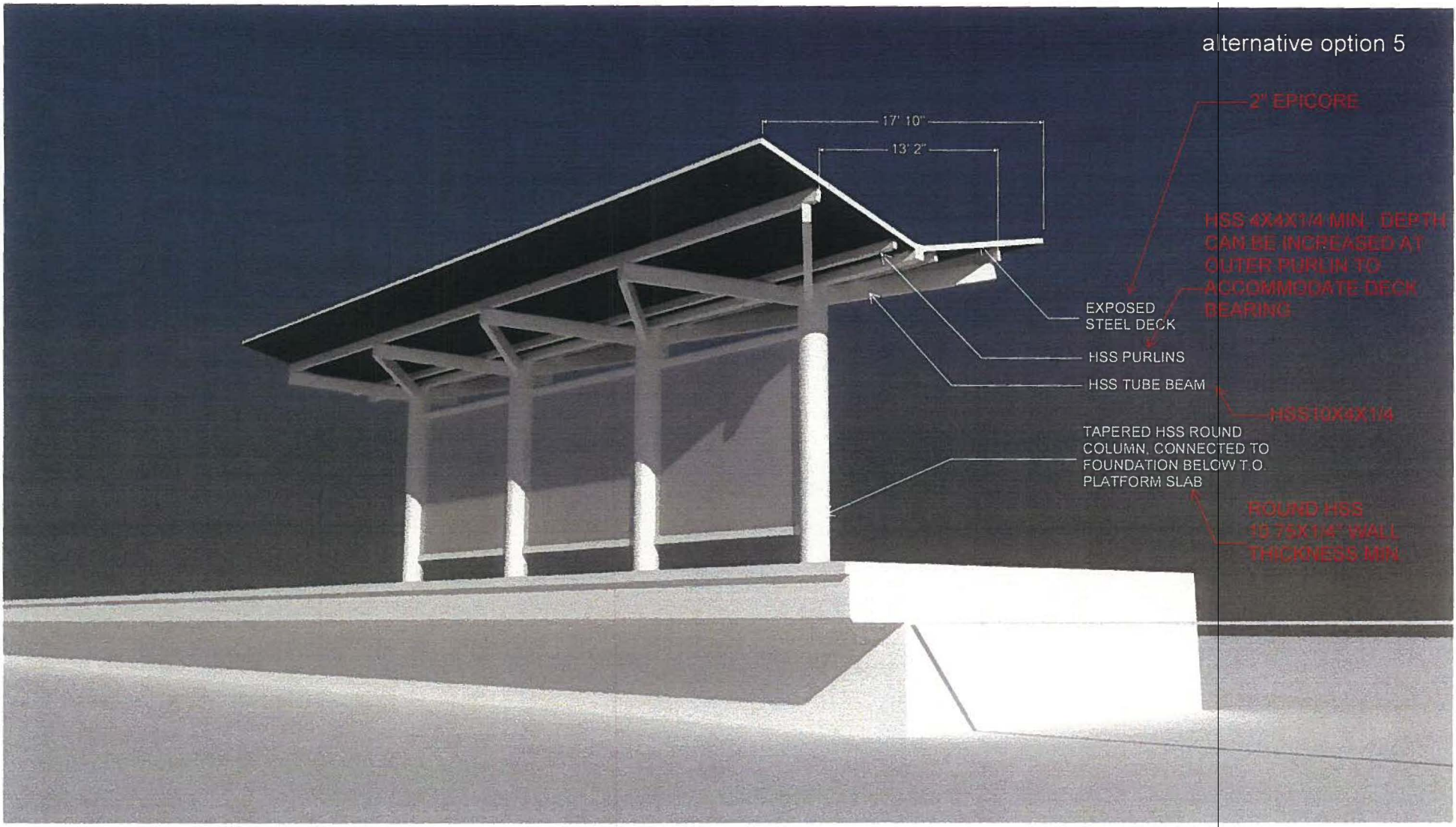
Appendix 1 – Aviation Station Canopy Design

Appendix 2 – Pricing Summary

Appendix 3 – Revised Table 3 *Base Annual Service Payments* (per CA Amendment No. 2) NA

Appendix 4 - Schedule Fagnet

Additional Documents – (as submitted with Change Report; not attached to MoR)  
Aviation Station Milestone Schedule



alternative option 5

- 2" EPICORE
- HSS 4X4X1/4 MIN. DEPTH CAN BE INCREASED AT OUTER PURLIN TO ACCOMMODATE DECK BEARING
- EXPOSED STEEL DECK
- HSS PURLINS
- HSS TUBE BEAM
- HSS 10X4X1/4
- TAPERED HSS ROUND COLUMN, CONNECTED TO FOUNDATION BELOW T.O. PLATFORM SLAB
- ROUND HSS 10.75X1.4" WALL THICKNESS MIN

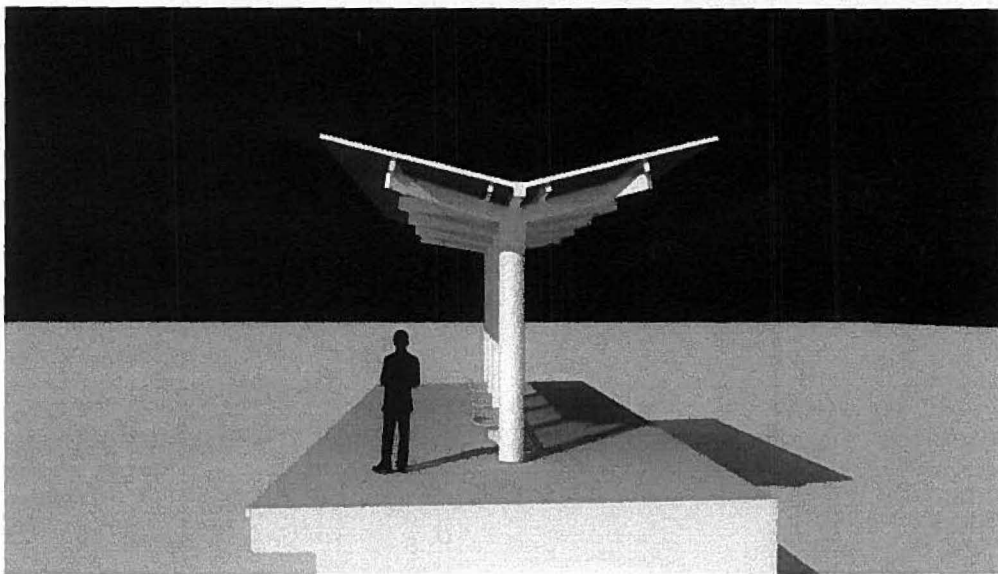
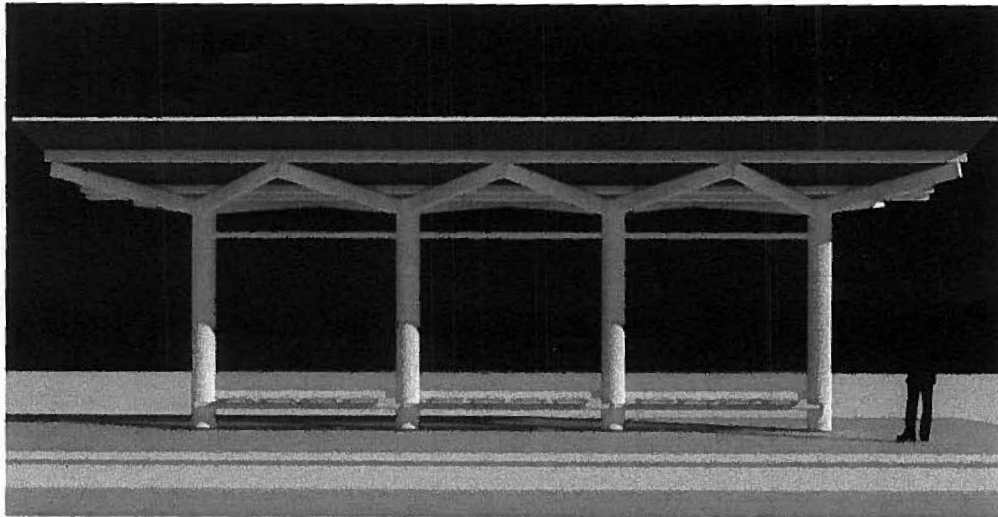
Appendix 1 - Aviation Station Canopy Design

OPTION 5



**Gensler** CIVITAS

AVIATION STATION CANOPY | STRUCTURAL CONCEPT



OPTION 5

AVIATION STATION CANOPY

OPTION 5



OPTION 5  
W/ RTD CONFIGURATION



-PRO:

- > DIA-RELATED DESIGN
- > FULL WIDTH COVERAGE
- > LOWER SF COST

CON:

- > ALL STRUCTURAL CONNECTIONS AND CONDUIT EXPOSED
- > CENTER COLUMN IS LESS EFFICIENT, PARTICULARLY AT AREAS WHERE WINDSCREEN OCCURS.



**Gensler CIVITAS**

AVIATION STATION CANOPY | **VISUAL COMPARISON**

MAY 23, 2013 | 6



## Capital Costs

## RPC-037D Aviation Station Platform Design - Revision 3

	Cost	Mark-up	Total
Concessionaire			
DTP - Grand Total	\$ 1,000,833	\$ 48,995	\$ 1,049,828

	Cost	Mark-up	Total
DTP - Credit for Deleted Work	\$ -	\$ -	\$ -

	Cost	Mark-up	Total
Concessionaire			
DTP	\$ 1,000,833	\$ 48,995	\$ 1,049,828
DTP direct	\$ 2,562	\$ 128	\$ 2,690
Project subcontractors	\$ 977,333	\$ 48,867	\$ 1,026,200
Project Contractors direct	\$ 12,993	\$ -	\$ 12,993
Project Contractors mark ups on immediate subcontractors	\$ 7,945	\$ -	\$ 7,945

	Cost	Mark-up	Total
Project Contractor			
DTS	\$ 989,329	\$ 8,942	\$ 998,271
DTS direct (10% Mark-up)	\$ 7,939	\$ 794	\$ 8,733
Ltr of Credit (5% Mark-up)	\$ 4,057	\$ 203	\$ 4,260
Subtotal of DTS Directs	\$ 11,996	\$ 997	\$ 12,993
DTC direct (5% Mark-up)	\$ 158,896	\$ 7,945	\$ 166,841
DTC Subs (0% Mark-up)	\$ 818,437	\$ -	\$ 818,437

	Cost	Mark-up	Total
Subcontractor to Project Contractor			
DTC	\$ 924,916	\$ 52,417	\$ 977,333
DTC direct (10% Mark-up)	\$ 32,000	\$ 3,200	\$ 35,200
DTC conting (10% Mark-up)	\$ 102,436	\$ 10,244	\$ 112,680
DTC Bond (0% Mark-up)	\$ 11,016	\$ -	\$ 11,016
Subtotal of DTC Directs	\$ 145,452	\$ 13,444	\$ 158,896
Sub costs (5% Mark-up)	\$ 779,464	\$ 38,973	\$ 818,437

	Cost	Mark-up	Total
Sub-subcontractor			
Subcontractors	\$ 779,464	\$ -	\$ 779,464
Sub's - Lump Sum Price	\$ 779,464	\$0 override	\$ 779,464

## DTP - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTP Direct Costs</b>						
LTA Review Costs	HRS	8	\$ 320.30	\$ 2,562		
					5% Mark-up	Total
SUBTOTAL "DTP direct (5% Mark-up)"				\$ 2,562	\$ 128	\$ 2,690

## DTS - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS Direct Costs</b>						
Letter of Credit Annual Fees (6% of DTS Total Price)(1.5% x 4 yrs)	%	6.0%	\$ 59,669.28	\$ 3,580		
Legal Fees	HR	2	\$ 238.37	\$ 477		
					5% Mark-up	Total
SUBTOTAL "DTS direct (5% Mark-up)"				\$ 4,057	\$ 203	\$ 4,260

## DTS Additional Staff

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
DTS - Additional Staffing	LS	1	\$ 346.18	\$ 346		
Design Oversight - Meeting	LS	1	\$ 7,593.00	\$ 7,593		
					10% Mark-up	Total
SUBTOTAL "DTS direct (10% Mark-up)"				\$ 7,939	\$ 794	\$ 8,733

## DTC - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
				\$ -		
				\$ -		
Subtotal				\$ -		

## DTC - Additional Staff

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
DTC - Design Management	LS	1	\$ 14,329.60	\$ 14,330		
DTC - Change Report Development	LS	1	\$ 17,670.45	\$ 17,670		
Subtotal				\$ 32,000		

## DTC - Survey

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
Survey Party	LS	1	\$ -	\$ -		
Subtotal				\$ -		
SUBTOTAL "DTC direct (10% Mark-up)"				\$ 32,000	\$ 3,200	\$ 35,200

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Subcontractors</b>						
F/HDR - Revised Canopy Design	LS	1	\$ 93,933.00	\$ 93,933		
F/HDR - Design Services	LS	1	\$ 685,531.00	\$ 685,531		
					5% Mark-up	Total
SUBTOTAL "DTC Subcontractors (5% Mark-up)"				\$ 779,464	\$ 38,973	\$ 818,437

Total - DTC Directs, Subs, & Mark-ups \$ 853,637

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Contingency</b>						
Contingency	%	12%	\$ 853,637.00	\$ 102,436		
					10% Mark-up	Total
SUBTOTAL "DTC - Contingency" (10% Mark-up)"				\$ 102,436	\$ 10,244	\$ 112,680

Total - DTC Directs, Subs, Mark-ups, & Contingency \$ 966,317

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Bonds</b>						
Bond (Direct Cost + Subs + Mark-ups)	%	1.14%	\$ 966,317.00	\$ 11,016		
					0% Mark-up	Total
SUBTOTAL "DTC direct (0% Mark-up)"				\$ 11,016	\$ -	\$ 11,016

DTC GRAND TOTAL PRICE \$ 977,333

Activity ID	Activity Name	Original Duration	Total Float	Start	Finish	Cost	Location	Asset	SCC	DTP-PRICING FORM	2013			
											Q1	Q2	Q3	Q4
<b>Total</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828								
<b>Eagle Project - Denver, Colorado, DTP 10/12, RPC-037D Aviation Station Plat</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828								
<b>East Corridor</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828								
<b>Design - East Corridor</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828								
<b>RPC-037D Aviation Station Platform Design</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828								
RPC037D110	RPC-037D Aviation Station Platform Design - Bond	5	27	03-Jun-13*	07-Jun-13	\$11,016	EC.X	I.0.032	BSE.40.08	F11.O.01.07				
RPC037D150	RPC-037D Aviation Station Platform Design - Final Design - DTP	5	82	10-Jun-13	14-Jun-13	\$22,237	EC.X	G	BSE.80.02	F11.O.01.05				
RPC037D160	RPC-037D Aviation Station Platform Design - Final Design - DTS	5	82	10-Jun-13	14-Jun-13	\$50,258	EC.X	G	BSE.80.02	F11.O.01.05				
RPC037D120	RPC-037D Aviation Station Platform Design - Final Design (F/HDR)	60	27	10-Jun-13	03-Sep-13	\$814,822	EC.X	G	BSE.80.02	F11.O.01.05				
RPC037D130	RPC-037D Aviation Station Platform Design - Change Mgmt/Design Oversight	60	27	10-Jun-13	03-Sep-13	\$39,846	EC.X	G	BSE.80.02	F11.O.01.05				
RPC037D140	RPC-037D Aviation Station Platform Design - Revised Canopy Design (XoRail)	60	172	10-Jun-13	03-Sep-13	\$111,649	EC.X	G	BSE.80.02	F11.O.01.05				

Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	2013				
									Q1	Q2	Q3	Q4	
<b>Total</b>		65	03-Jun-13	03-Sep-13	\$1,049,828						\$325,090	\$724,738	
<b>DTP-PRICING FORM: F11 Form 11: Non Federal Funding in Federal W</b>		65	03-Jun-13	03-Sep-13	\$1,049,828						\$325,090	\$724,738	
<b>DTP-PRICING FORM: F11.O Other Project Costs</b>		65	03-Jun-13	03-Sep-13	\$1,049,828						\$325,090	\$724,738	
<b>DTP-PRICING FORM: F11.O.01 Other Project Costs</b>		65	03-Jun-13	03-Sep-13	\$1,049,828						\$325,090	\$724,738	
<b>DTP-PRICING FORM: F11.O.01.05 Final Design</b>		60	10-Jun-13	03-Sep-13	\$1,038,812						\$314,074	\$724,738	
RPC037D120	RPC-037D Aviation Station Platform Design - Final Design (F/HDR)	60	10-Jun-13	03-Sep-13	\$814,822	EC.X	G	BSE.80.02			\$203,705	\$611,117	
RPC037D130	RPC-037D Aviation Station Platform Design - Change Mgmt/Design Oversight	60	10-Jun-13	03-Sep-13	\$39,846	EC.X	G	BSE.80.02			\$9,962	\$29,885	
RPC037D150	RPC-037D Aviation Station Platform Design - Final Design - DTP	5	10-Jun-13	14-Jun-13	\$22,237	EC.X	G	BSE.80.02			\$22,237		
RPC037D160	RPC-037D Aviation Station Platform Design - Final Design - DTS	5	10-Jun-13	14-Jun-13	\$50,258	EC.X	G	BSE.80.02			\$50,258		
RPC037D140	RPC-037D Aviation Station Platform Design - Revised Canopy Design (XoRail)	60	10-Jun-13	03-Sep-13	\$111,649	EC.X	G	BSE.80.02			\$27,912	\$83,737	
<b>DTP-PRICING FORM: F11.O.01.07 Bond and Letter of Credit</b>		5	03-Jun-13	07-Jun-13	\$11,016						\$11,016		
RPC037D110	RPC-037D Aviation Station Platform Design - Bond	5	03-Jun-13	07-Jun-13	\$11,016	EC.X	I.0.032	BSE.40.08			\$11,016		

- RPC-037D Aviation Station Platform Des
- RPC-037D Aviation Station Platform D
- RPC-037D Aviation Station Platform D
- RPC-037D Avi
- RPC-037D Avi
- RPC-037D Avi

Project Start: 12-Feb-09

Data Date: 25-May-13



**RPC-037D Aviation Station Platform Design**

*Note: Total Float based on May 2013 schedule upon which this fragnet is based.*

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone



Activity ID	Activity Name	Original Duration	Total Float	Start	Finish	Cost	Location	Asset	SCC	DTP-PRICING FORM	2013			
											Q1	Q2	Q3	Q4
<b>Total</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828.00								
<b>Eagle Project - Denver, Colorado, DTP 10/12, RPC-037D Aviation Station Plat</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828.00								
<b>East Corridor</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828.00								
<b>Design - East Corridor</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828.00								
<b>RPC-037D Aviation Station Platform Design</b>		65	172	03-Jun-13	03-Sep-13	\$1,049,828.00								
RPC037D110	RPC-037D Aviation Station Platform Design - Bond	5	27	03-Jun-13*	07-Jun-13	\$11,016.00	EC.X	I.0.032	BSE.40.08	F10.O.01.07				
RPC037D150	RPC-037D Aviation Station Platform Design - Final Design - DTP	5	82	10-Jun-13	14-Jun-13	\$22,237.00	EC.X	G	BSE.80.02	F10.O.01.05				
RPC037D160	RPC-037D Aviation Station Platform Design - Final Design - DTS	5	82	10-Jun-13	14-Jun-13	\$50,258.00	EC.X	G	BSE.80.02	F10.O.01.05				
RPC037D120	RPC-037D Aviation Station Platform Design - Final Design (F/HDR)	60	27	10-Jun-13	03-Sep-13	\$814,822.00	EC.X	G	BSE.80.02	F10.O.01.05				
RPC037D130	RPC-037D Aviation Station Platform Design - Change Mgmt/Design Oversight	60	27	10-Jun-13	03-Sep-13	\$39,846.00	EC.X	G	BSE.80.02	F10.O.01.05				
RPC037D140	RPC-037D Aviation Station Platform Design - Revised Canopy Design (XoRail)	60	172	10-Jun-13	03-Sep-13	\$111,649.00	EC.X	G	BSE.80.02	F10.O.01.05				

■ RPC-037D Aviation Station Platform Des  
■ RPC-037D Aviation Station Platform D  
■ RPC-037D Aviation Station Platform D  
■ RPC-037D Avi  
■ RPC-037D Avi  
■ RPC-037D Avi

Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	2013				
									Q1	Q2	Q3	Q4	
<b>Total</b>		65	03-Jun-13	03-Sep-13	\$1,049,828.00						\$325,090.25	\$724,737.75	
<b>DTP-PRICING FORM: F10 Form 10: Third Party Betterments</b>		65	03-Jun-13	03-Sep-13	\$1,049,828.00						\$325,090.25	\$724,737.75	
<b>DTP-PRICING FORM: F10.O Other Project Costs</b>		65	03-Jun-13	03-Sep-13	\$1,049,828.00						\$325,090.25	\$724,737.75	
<b>DTP-PRICING FORM: F10.O.01 Other Project Costs</b>		65	03-Jun-13	03-Sep-13	\$1,049,828.00						\$325,090.25	\$724,737.75	
<b>DTP-PRICING FORM: F10.O.01.05 Final Design</b>		60	10-Jun-13	03-Sep-13	\$1,038,812.00						\$314,074.25	\$724,737.75	
RPC037D120	RPC-037D Aviation Station Platform Design - Final Design (F/HDR)	60	10-Jun-13	03-Sep-13	\$814,822.00	EC.X	G	BSE.80.02			\$203,705.50	\$611,116.50	
RPC037D130	RPC-037D Aviation Station Platform Design - Change Mgmt/Design Oversight	60	10-Jun-13	03-Sep-13	\$39,846.00	EC.X	G	BSE.80.02			\$9,961.50	\$29,884.50	
RPC037D150	RPC-037D Aviation Station Platform Design - Final Design - DTP	5	10-Jun-13	14-Jun-13	\$22,237.00	EC.X	G	BSE.80.02			\$22,237.00		
RPC037D160	RPC-037D Aviation Station Platform Design - Final Design - DTS	5	10-Jun-13	14-Jun-13	\$50,258.00	EC.X	G	BSE.80.02			\$50,258.00		
RPC037D140	RPC-037D Aviation Station Platform Design - Revised Canopy Design (XoRail)	60	10-Jun-13	03-Sep-13	\$111,649.00	EC.X	G	BSE.80.02			\$27,912.25	\$83,736.75	
<b>DTP-PRICING FORM: F10.O.01.07 Bond and Letter of Credit</b>		5	03-Jun-13	07-Jun-13	\$11,016.00						\$11,016.00		
RPC037D110	RPC-037D Aviation Station Platform Design - Bond	5	03-Jun-13	07-Jun-13	\$11,016.00	EC.X	I.0.032	BSE.40.08			\$11,016.00		

Project Start: 12-Feb-09

Data Date: 25-May-13



**RPC-037D Aviation Station Platform Design**

*Note: Total Float based on May 2013 schedule upon which this fragnet is based.*

■ Remaining Level of Effort    ◆ Milestone  
■ Actual Level of Effort  
■ Actual Work  
■ Remaining Work  
■ Critical Remaining Work



**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)  
CDRL CA-105.048A  
Change Report (RPC -037E.CAP) Phased Approach - Phase 1**

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**1. Scope – Details of the proposed implementation of Concessionaire Proposed Change, RTD Proposed Change or Relief Notice (CA Sections 36.1(c)(i) and (ii), 36.3(e)(i), and 38.2(c)(i) (each, as applicable))**

Summary of the Work:

**Design/Build:** This Change Report and associated pricing is for DTP to provide a portion of the construction services to install train control, communications, and station pedestrian crossings for the new 61<sup>st</sup> and Pena Station. Aviation has requested the delivery of this work in Phases. Phase 1 consists of the construction of the System Elements that would adversely impact Testing and Commissioning activities if installed at a later date. Phase 2 consists of the system elements that will be deferred to a later date. The Phase 1 and Phase 2 scope of work for the Capital construction and Operations and Maintenance is further described below. This Change Report addresses only the Phase 1 elements.

**Capital Construction Phase 1:** This Change Report and associated pricing is for DTP to provide the following Phase 1 construction services:

- Power drop from OCS for train control
- Equipment for Start Case
- All local conduits, manholes and handholes
- Impedance bonds
- Bonding
- Train control signal house
- Communication house
- Foundations and pedestrian crossing warning devices
- Grounding grid
- Cabling required for train control and pedestrian warning device installation
- Terminating, tagging and testing of train control cabling
- Furnishing and installing of Another Train Coming blankout signs
- Testing and commissioning of train control system
- Submitting PUC side clearance variance request for the pedestrian crossing warning equipment and fence
- Testing and commissioning of train control system
- Capital Phase 1:management services for DTP, DTS, DTC, and DTO are included for the following:
  - Development, review, and negotiating the Change Report to an MoR
  - Incorporation of the changed work into the DTP Project Controls network (Scheduling and Cost)
  - Quality Assurance oversight and auditing



**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)**  
**CDRL CA-105.048A**  
**Change Report (RPC -037E.CAP) Phased Approach - Phase 1**

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**Capital Construction Phase 2:** The following system elements have been deferred. They are excluded from the scope of work for this Change Report:

- Furnishing and installing platform systems equipment that includes:
  - CCTV security cameras and communication cases
  - Emergency telephones
  - Variable message signs (including the two to be installed over the TVMs furnished by others)
  - PA system
- Furnishing and installing pedestrian crossing panels
- Furnishing and installing train car stop signs
- Wiring and terminating of the deferred train control and systems equipment
- Testing and commissioning of deferred train control and systems equipment
- Capital Phase 2 management services for DTP, DTS, DTC, and DTO that are deferred, excluded from this Change Report are:
  - All Public Information services including updating the outreach materials to reflect the 61<sup>st</sup> and Pena station.

Scope Assumptions and Conditions:

The scope of work described in Section 1 of this Change Report and the Price provided in Section 2 and Schedule Impacts described in Section 3 are contingent upon the following Assumptions and Conditions:

- RPC 037E Phase 1 does not require DTP to provide passenger service or stop the train at this station. Any costs and impacts associated with incorporating a train stop at this station into the DTP operating plan are excluded from this RPC and will be addressed through a subsequent RPC-037G.
- An MoR will be executed for this work to no later than December 15, 2013 to allow procurement to proceed.
- Scope of Work does not include furnishing or installing public phones or first responder phones. If these phones are required they are to be furnished, installed and maintained by others.
- Price is based upon the Fire Marshalls approval of a single blue light station located at the center of each platform. Disconnecting of power to the OCS system will be achieved by contacting the OCC via the emergency telephone located at the blue light station or by a cell phone or other telephone. An OCS disconnect switch will not be located at the blue light station.



**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)  
CDRL CA-105.048A  
Change Report (RPC -037E.CAP) Phased Approach - Phase 1**

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- DTP will build the platform and will receive the MoR for that Work (RPC-037F).
- Accommodating, wiring or furnishing of Fare collection and ticket vending machines (TVM) are excluded from this scope.
- This Change excludes the furnishing and installing of the RTD Communications Case and the associated splicing. This Change also excludes the associated engineering with the RTD Communications Case.
- Completion of the scope of work contained within this Change Report will not provide sufficient systems infrastructure to permit a train stop at the 61<sup>st</sup> and Pena station. Completion of the deferred items, Phase 2 scope of work, is required in order to incorporate a train stop at this location. With the deferral of the Phase 2 Scope of Work there is no guarantee the Phase 2 Scope of Work could be completed without impacting the Testing and Commissioning efforts or in support of the Revenue Service Target Dates.
- Operations and Maintenance is excluded from this Change Report.

Reference Documents:

Aconex Official Letter RTD-OFLTR-000429 – EAGLE PROJECT CONTRACT NO. 18FH012 – Re: Proposal to Initiate the Interim Design for the Gateway Station.

Aconex Official Letter RTD-OFLTR-000500 – Aviation Station

Aconex Transmittal RTD-TRN-015250 – CDRL CA-111.087: Memorandum of Relief MoR 62C for RPC-037C Aviation Station Task C System Design

Aconex Official Letter RTD-OFLTR-000546 – Aviation Station

Aconex Transmittal DTP-TRN-011229 – CDRL CA-105.048A, RTD Proposed Change No. 37E.CAP & CDRL CA-105.048B, RTD Proposed Change No. 37E.O&M, 61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)

Aconex Transmittal DTP-TRN-011544 - CDRL CA-105.048A, RTD Proposed Change No. 37E.CAP & CDRL CA-105.048B, RTD Proposed Change No. 37E.O&M, 61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)



**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)  
CDRL CA-105.048A  
Change Report (RPC -037E.CAP) Phased Approach - Phase 1**

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Aconex Official Letter RTD-OFLTR-000509 - CDRL CA-105.048A, RTD Proposed Change No. 37E.CAP & CDRL CA-105.048B, RTD Proposed Change No. 37E.O&M, 61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)

Aconex Transmittal DTP-TRN-011454 – CDRL 7B-09.03F: Station Design Documentation – EC3F 61<sup>st</sup> & Pena Station – For RTD Review

Aconex Official Letter RTD-OFLTR-000580 – Aviation Station – RPC 37 Letter of assurance

**2. Pricing Summary – Additional Costs (CA Sections 36.1(c)(iii), 36.3(e)(ii) and 36.3(e)(iii), 38.2(c)(ii) (each, as applicable))**

This Change Report includes a fixed price of \$1,652,990 for all Incurred Costs for construction services during the Design/Build Period as further detailed in Appendix 2. These fixed prices include all Incurred Costs associated with this RPC. The fixed price is based upon the Work identified in Section 1 above.

The construction Incurred Costs will be incorporated into the Construction Payments, the WBS Pricing Form, the Schedule of Values, and the Revised Baseline Schedule during the first monthly update following the execution of the applicable MoR and Earned Value will be recorded as appropriate.

Incorporation of Incurred Costs into the Construction Payments and/or Service Payments, as applicable, does not infringe upon the Bond Proceeds raised to generally fund the Eagle Project. DTP has no obligation to fund this change.

DTP confirms that the Incurred Costs defined in Appendix 2 reflect any projected increases or decreases in the cost of operation; maintains the Equity IRR; reflects any required changes to the Designated Credit Agreements; and reflects any change to the risk profile of the Eagle Project.

**3. Schedule – Time Impacts (CA Sections 36.1(c)(iii), 36.3(e)(iv), 38.2(c)(iii) (each, as applicable))**

The Work described in Section 1, above, has been scheduled as shown in Appendix 4. This RPC does not impact the Revenue Service Target Date and/or Final Completion Date for the Eagle Commuter Rail Project if NTP is provided by December 15, 2013. Any delay past this date could impact procurement costs of major items.



61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)  
CDRL CA-105.048A  
Change Report (RPC -037E.CAP) Phased Approach - Phase 1

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**4. Permits (CA Sections 36.1(c)(iii), 36.3(e)(v), 38.2(c)(ii) (each, as applicable))**

RTD is responsible for any required modifications to RTD Permits. DTP will obtain all Permits required.

**5. Impact to Obligations of the Concessionaire (CA Sections 36.1(c)(iii), 36.3(e)(vi), 38.2(c)(iii) (each, as applicable))**

The Design / Build Contract will be amended to reflect the change in obligations under the Project Agreements resulting from this Change.

**6. Subcontractors ((CA Sections 36.1(c)(iii) and 36.3(e)(vii) (each, as applicable))**

DTP will utilize subcontractors during the execution of this change. These include at a minimum Denver Transit Constructors and XoRail

**7. Impacts on the Availability Ratio or Performance Deductions (CA Sections 36.1(c)(iii), 36.3(e)(viii), 38.2(c)(iv) (each, as applicable))**

There will be no long-term increase or decrease in the Availability Ratio or Performance Deductions.

**8. Further Effects or Benefits (CA Sections 36.1(c)(iii), 36.3(e)(ix), 38.2(c)(ii) (each, as applicable))**

There are no further impacts resulting from this change.

**9. Impact on DBE/SBE Goals (CA Sections 36.1(c)(iii), 36.3(e)(x) (each, as applicable))**

Achievement of the DBE/SBE Goals set forth in the Concession Agreement will not be impacted by this change.



**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)  
CDRL CA-105.048A  
Change Report (RPC -037E.CAP) Phased Approach - Phase 1**

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- Appendix 1 – NA
- Appendix 2 – Pricing Summary
- Appendix 3 – Revised Table 3 *Base Annual Service Payments* (per CA Amendment No. 2) NA
- Appendix 4 - Schedule Fragnet



## Capital Costs

### RPC-037E Systems Construction - Phased Approach - Phase 1

		Cost	Mark-up	Total
Concessionaire	DTP - Grand Total	\$ 1,577,028	\$ 75,962	\$ 1,652,990
		Cost	Mark-up	Total
	DTP - Credit for Deleted Work	\$ -	\$ -	\$ -
Concessionaire	DTP	\$ 1,577,028	\$ 75,962	\$ 1,652,990
	DTP direct	\$ 6,356	\$ 507	\$ 6,863
	Project subcontractors	\$ 1,509,093	\$ 75,455	\$ 1,584,548
	Project Contractors direct	\$ 32,173	\$ -	\$ 32,173
	Project Contractors mark ups on immediate subcontractors	\$ 29,406	\$ -	\$ 29,406

		Cost	Mark-up	Total
Project Contractor	DTS	\$ 1,539,081	\$ 31,591	\$ 1,570,672
	DTS direct (10% Mark-up)	\$ 13,711	\$ 1,371	\$ 15,082
	Ltr of Credit (5% Mark-up)	\$ 16,277	\$ 814	\$ 17,091
	<b>Subtotal of DTS Directs</b>	<b>\$ 29,988</b>	<b>\$ 2,185</b>	<b>\$ 32,173</b>
	DTC direct (5% Mark-up)	\$ 588,118	\$ 29,406	\$ 617,524
	DTC Subs (0% Mark-up)	\$ 920,975	\$ -	\$ 920,975

		Cost	Mark-up	Total
Subcontractor to Project Contractor	DTC	\$ 1,413,420	\$ 95,673	\$ 1,509,093
	DTC direct (10% Mark-up)	\$ 358,878	\$ 35,888	\$ 394,766
	DTC ODC (5% Mark-up)	\$ 2,242	\$ 112	\$ 2,354
	DTC conting (10% Mark-up)	\$ 158,171	\$ 15,817	\$ 173,988
	DTC Bond (0% Mark-up)	\$ 17,010	\$ -	\$ 17,010
	<b>Subtotal of DTC Directs</b>	<b>\$ 536,301</b>	<b>\$ 51,817</b>	<b>\$ 588,118</b>
	Sub costs (5% Mark-up)	\$ 877,119	\$ 43,856	\$ 920,975

		Cost	Mark-up	Total
Sub-subcontractor	Subcontractors	\$ 877,119	\$ -	\$ 877,119
	Sub's - Lump Sum Price	\$ 877,119	\$0 override	\$ 877,119

#### DTP - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTP Direct Costs</b>						
LTA Review Costs	HRS	8	\$ 320.30	\$ 2,562		
					5% Mark-up	Total
<b>SUBTOTAL "DTP direct (5% Mark-up)"</b>				<b>\$ 2,562</b>	\$ 128	\$ 2,690

<b>DTP - Labor</b>						
Quality Assurance	LS	0.7	\$ 4,038.66	\$ 2,827		
Change Report Review	LS	1	\$ 966.97	\$ 967		
					10% Mark-up	Total
<b>SUBTOTAL "DTP direct (5% Mark-up)"</b>				<b>\$ 3,794</b>	\$ 379	\$ 4,173

Partially Deferred

#### DTS - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS Direct Costs</b>						
Letter of Credit Annual Fees (6% of DTS Total Price)(1.5% x 4 yrs)	%	6.0%	\$ 93,271.98	\$ 5,596		
Simulation Analysis - PB	LS	1	\$ 9,729.00	\$ 9,729		
Legal Fees	HR	2	\$ 238.37	\$ 477		
DTC Staff ODC	LS	1	\$ 474.62	\$ 475		
					5% Mark-up	Total
<b>SUBTOTAL "DTS direct (5% Mark-up)"</b>				<b>\$ 16,277</b>	\$ 814	\$ 17,091

<b>DTS Additional Staff</b>						
DTS - Change Report	LS	1	\$ 13,710.98	\$ 13,711		
					10% Mark-up	Total
<b>SUBTOTAL "DTS direct (10% Mark-up)"</b>				<b>\$ 13,711</b>	\$ 1,371	\$ 15,082

#### DTC - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
Fixed Camera Installation	EA	0	\$ 2,331.57	\$ -		
PTZ Camera Installation	EA	0	\$ 2,331.57	\$ -		
Etel Installation	EA	0	\$ 2,842.14	\$ -		
2-Sided VMS Installation	EA	0	\$ 2,842.00	\$ -		
Ambient Noise Sensors Installation	EA	0	\$ 2,332.00	\$ -		
CCTV cases Installation	EA	0	\$ 1,925.00	\$ -		
PA Speaker Installation	EA	0	\$ 266.00	\$ -		
Pull Comm Cable	LF	0	\$ 3.80	\$ -		
Pull fiber	LF	1,475	\$ 5.50	\$ 8,113		
Fiber Terminations	EA	96	\$ 30.00	\$ 2,880		
Station Term, Tag, Test	EA	0	\$ 52.50	\$ -		
Installation of post flashers and bell Foundation	EA	4	\$ 962.50	\$ 3,850		
Installation of post flashers and bell	EA	0	\$ 1,610.00	\$ -		
installation of start case	EA	2	\$ 1,925.00	\$ 3,850		
Install signals						
install local conduit	LF	1,000	\$ 38.00	\$ 38,000		
Supply and Install Manhole	EA	2	\$ 17,636.00	\$ 35,272		
Supply and Install handholes	EA	9	\$ 3,609.00	\$ 32,481		
Install impedance bonds	EA	0	\$ 356.00	\$ -		
Install bonding	EA	0	\$ 389.00	\$ -		
install house	EA	2	\$ 10,236.00	\$ 20,472		
Install ground grid	EA	34	\$ 278.00	\$ 9,452		
F&I Systems Signage (high voltage, crossing, etc.)	LS	0	\$ 16,000.00	\$ -		
install blackout signs	EA	4	\$ 2,600.00	\$ 10,400		
Supply and Installation of power drop	EA	1	\$ 50,496.00	\$ 50,496		
S&I TC Cabling	LF	6,200	\$ 6.80	\$ 42,160		

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## Capital Costs

### RPC-037E Systems Construction - Phased Approach - Phase 1

				Cost	Mark-up	Total
TC Terms, Tag, Test	EA	112	\$ 52.50	\$ 5,880		
Integration and Testing Report	EA	1	\$ 12,320.00	\$ 12,320		
Prep for grad crossing panels	LS	1	\$ 23,440.00	\$ 23,440		
Track panels for ped crossing	LS	0	\$ 53,200.00	\$ -		
<b>Subtotal</b>				<b>\$ 299,066</b>		

Deferred

DTC - Estimate and Change Report						
DTC - Estimate and Change Report	LS	1	\$ 48,687.86	\$ 48,688		
<b>Subtotal</b>				<b>\$ 48,688</b>		

DTC - Survey						
Survey Party	LS	1	\$ 11,123.96	\$ 11,124		
<b>Subtotal</b>				<b>\$ 11,124</b>		
					<b>10% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTC direct (10% Mark-up)"</b>				<b>\$ 358,878</b>	\$ 35,888	\$ 394,766

DTC - Other Direct Costs						
DTC-Staff ODC	LS	1	\$ 2,242.43	\$ 2,242		
<b>Subtotal</b>				<b>\$ 2,242</b>		
					<b>5% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTC direct (10% Mark-up)"</b>				<b>\$ 2,242</b>	\$ 112	\$ 2,354

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Subcontractors</b>						
Kleinfelder	LS	1	\$ 44,573.82	\$ 44,574		
XoRail	LS	0.81	\$ 956,411.00	\$ 776,906		
Simulation Analysis - F/HDR	LS	1	\$ 50,639.00	\$ 50,639		
PUC Vaiance - Apex - Xing signals and fence	LS	1	\$ 5,000.00	\$ 5,000		
					<b>5% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTC Subcontractors (5% Mark-up)"</b>				<b>\$ 877,119</b>	\$ 43,856	\$ 920,975

Partially Deferred, need updated quote l

<b>Total - DTC Directs, Subs, &amp; Mark-ups</b>						<b>\$ 1,318,095</b>
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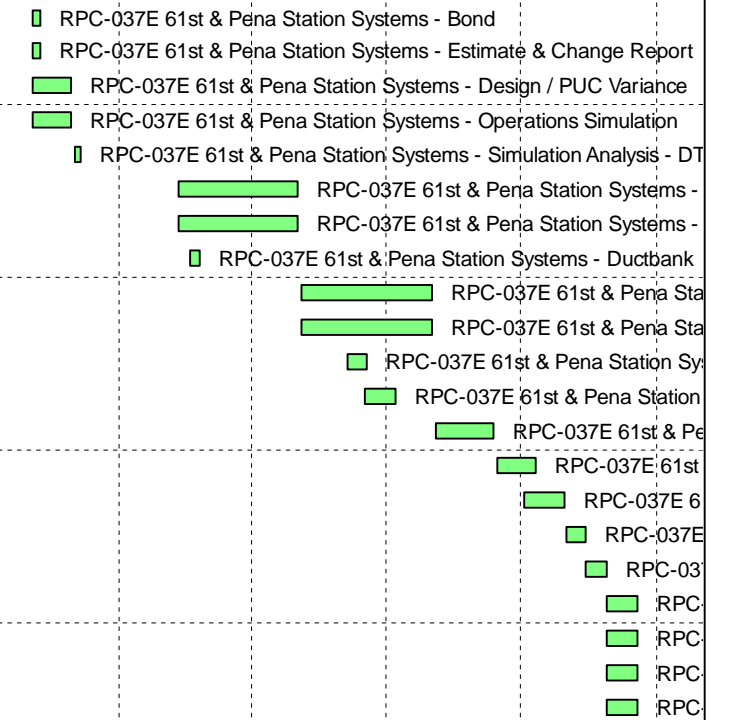
Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Contingency</b>						
Contingency	%	12%	\$ 1,318,095.00	\$ 158,171		
					<b>10% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTC - Contingency" (10% Mark-up)"</b>				<b>\$ 158,171</b>	\$ 15,817	\$ 173,988

<b>Total - DTC Directs, Subs, Mark-ups, &amp; Contingency</b>						<b>\$ 1,492,083</b>
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Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Bonds</b>						
Bond (Direct Cost + Subs + Mark-ups)	%	1.14%	\$ 1,492,083.00	\$ 17,010		
					<b>0% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTC direct (0% Mark-up)"</b>				<b>\$ 17,010</b>	\$ -	\$ 17,010

<b>DTC GRAND TOTAL PRICE</b>						<b>\$ 1,509,093</b>
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Activity ID	Activity Name	Original Duration	Total Float	Start	Finish	Cost	Location	Asset	SCC	DTP-PRICING FORM	2014					2015	
											Q4	Q1	Q2	Q3	Q4	Q1	
<b>Total</b>		294	15	04-Nov-13	18-Dec-14	\$1,652,990											
<b>N of First Creek Bridge to and incl Tower Rd Xing - E5H</b>																	
RPC037E010	RPC-037E 61st & Pena Station Systems - Bond	5	78	04-Nov-13*	08-Nov-13	\$1,710	EC.X	I.0.032	40.08	F11.O.01.07							
RPC037E020	RPC-037E 61st & Pena Station Systems - Estimate & Change Report	5	78	04-Nov-13	08-Nov-13	\$63,292	EC.X	G	40.08	F11.O.01.03							
RPC037E030	RPC-037E 61st & Pena Station Systems - Design / PUC Variance	20	78	04-Nov-13	29-Nov-13	\$5,943	EC.X	G	80.02	F11.O.01.05							
RPC037E040	RPC-037E 61st & Pena Station Systems - Operations Simulation	20	78	04-Nov-13	29-Nov-13	\$60,190	EC.X	G	80.02	F11.O.01.05							
RPC037E050	RPC-037E 61st & Pena Station Systems - Simulation Analysis - DTS	5	78	02-Dec-13	06-Dec-13	\$10,215	EC.X	G	80.02	F11.O.01.05							
RPC037E060	RPC-037E 61st & Pena Station Systems - XoRail TC Design	60	33	10-Feb-14*	02-May-14	\$105,078	EC.X.A	R.3	50.01	F11.G.10.01							
RPC037E070	RPC-037E 61st & Pena Station Systems - XoRail Communications Design	60	33	10-Feb-14	02-May-14	\$35,027	EC.X.A	R.4	50.05	F11.G.10.05							
RPC037E080	RPC-037E 61st & Pena Station Systems - Ductbank	5	177	18-Feb-14	24-Feb-14	\$65,995	EC.X.A	R.3	10.05	F11.G.10.05							
RPC037E180	RPC-037E 61st & Pena Station Systems - XoRail TC House/Start Case Furnish	65	33	05-May-14	01-Aug-14	\$560,416	EC.X.A	R.3	50.01	F11.G.10.01							
RPC037E200	RPC-037E 61st & Pena Station Systems - XoRail Comms House Furnish	65	33	05-May-14	01-Aug-14	\$186,805	EC.X.A	R.3	50.05	F11.G.10.05							
RPC037E140	RPC-037E 61st & Pena Station Systems - Prep for Grade Crossing Panels	10	73	05-Jun-14	18-Jun-14	\$41,639	EC.X.S.060	S.1	20.01	F11.S.07.01							
RPC037E170	RPC-037E 61st & Pena Station Systems - Install OCS Power Drop/Grounding Grid	15	133	17-Jun-14	07-Jul-14	\$65,950	EC.X.A	R.1	50.04	F11.G.10.04							
RPC037E100	RPC-037E 61st & Pena Station Systems - Install TC&C Houses & Cases	30	33	04-Aug-14	12-Sep-14	\$47,718	EC.X.A	R.3	50.01	F11.G.10.01							
RPC037E090	RPC-037E 61st & Pena Station Systems - Install TC Fiber, Manholes & Handholes	20	33	15-Sep-14	10-Oct-14	\$125,292	EC.X.A	R.3	50.01	F11.G.10.01							
RPC037E130	RPC-037E 61st & Pena Station Systems - Install Flashers / Bell Fdns / Blankout Signs	20	9	03-Oct-14	30-Oct-14	\$26,460	EC.X.R	R.3	50.02	F11.G.10.02							
RPC037E110	RPC-037E 61st & Pena Station Systems - TC Cabling	10	9	31-Oct-14	13-Nov-14	\$52,500	EC.X.A	R.3	50.01	F11.G.10.01							
RPC037E120	RPC-037E 61st & Pena Station Systems - TC Terms & Tag	10	9	14-Nov-14	27-Nov-14	\$22,550	EC.X.A	R.3	50.01	F11.G.10.01							
RPC037E150	RPC-037E 61st & Pena Station Systems - TC Local Testing - DTP	15	9	28-Nov-14	18-Dec-14	\$32,872	EC.X.A	R.3	50.01	F11.G.10.01							
RPC037E160	RPC-037E 61st & Pena Station Systems - Comms Local Testing - DTS	15	9	28-Nov-14	18-Dec-14	\$96,637	EC.X.A	R.4	50.05	F11.G.10.05							
RPC037E190	RPC-037E 61st & Pena Station Systems - XoRail TC Test/Commission Support	15	9	28-Nov-14	18-Dec-14	\$35,026	EC.X.A	R.3	50.01	F11.G.10.01							
RPC037E210	RPC-037E 61st & Pena Station Systems - XoRail Comms Test/Commission Support	15	9	28-Nov-14	18-Dec-14	\$11,675	EC.X.A	R.3	50.05	F11.G.10.05							



Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	2014					2015			
									Q4	Q1	Q2	Q3	Q4	Q1			
<b>Total</b>		285	04-Nov-13	18-Dec-14	\$1,652,990					\$141,350	\$150,058	\$612,972	\$420,774	\$327,837			
<b>DTP-PRICING FORM: F11 Form 11: City and County of Denver Contributions</b>																	
<b>DTP-PRICING FORM: F11.G Guideway Elements</b>																	
<b>DTP-PRICING FORM: F11.G.10 Controls Systems</b>																	
<b>DTP-PRICING FORM: F11.G.10.01 Train Control and Signaling</b>																	
RPC037E060	RPC-037E 61st & Pena Station Systems - XoRail TC Design	60	10-Feb-14	02-May-14	\$105,078	EC.X.A	R.3	50.01		\$63,047	\$395,524	\$329,816	\$193,065				
RPC037E180	RPC-037E 61st & Pena Station Systems - XoRail TC House/Start Case Furnish	65	05-May-14	01-Aug-14	\$560,416	EC.X.A	R.3	50.01		\$63,047	\$42,031						
RPC037E100	RPC-037E 61st & Pena Station Systems - Install TC&C Houses & Cases	30	04-Aug-14	12-Sep-14	\$47,718	EC.X.A	R.3	50.01			\$353,493	\$206,923					
RPC037E090	RPC-037E 61st & Pena Station Systems - Install TC Fiber, Manholes & Handholes	20	15-Sep-14	10-Oct-14	\$125,292	EC.X.A	R.3	50.01				\$75,175	\$50,117				
RPC037E110	RPC-037E 61st & Pena Station Systems - TC Cabling	10	31-Oct-14	13-Nov-14	\$52,500	EC.X.A	R.3	50.01					\$52,500				
RPC037E120	RPC-037E 61st & Pena Station Systems - TC Terms & Tag	10	14-Nov-14	27-Nov-14	\$22,550	EC.X.A	R.3	50.01					\$22,550				
RPC037E150	RPC-037E 61st & Pena Station Systems - TC Local Testing - DTP	15	28-Nov-14	18-Dec-14	\$32,872	EC.X.A	R.3	50.01					\$32,872				
RPC037E190	RPC-037E 61st & Pena Station Systems - XoRail TC Test/Commission Support	15	28-Nov-14	18-Dec-14	\$35,026	EC.X.A	R.3	50.01					\$35,026				
<b>DTP-PRICING FORM: F11.G.10.02 Traffic signals and crossing protection</b>																	
RPC037E130	RPC-037E 61st & Pena Station Systems - Install Flashers / Bell Fdns / Blankout Signs	20	03-Oct-14	30-Oct-14	\$26,460	EC.X.R	R.3	50.02					\$26,460				
<b>DTP-PRICING FORM: F11.G.10.04 OCS (Traction Power Distribution)</b>																	
RPC037E170	RPC-037E 61st & Pena Station Systems - Install OCS Power Drop/Grounding Grid	15	17-Jun-14	07-Jul-14	\$65,950	EC.X.A	R.1	50.04			\$43,967	\$21,983					
<b>DTP-PRICING FORM: F11.G.10.05 Communications</b>																	
RPC037E070	RPC-037E 61st & Pena Station Systems - XoRail Communications Design	60	10-Feb-14	02-May-14	\$35,027	EC.X.A	R.4	50.05		\$21,016	\$14,011						
RPC037E200	RPC-037E 61st & Pena Station Systems - XoRail Comms House Furnish	65	05-May-14	01-Aug-14	\$186,805	EC.X.A	R.3	50.05			\$117,831	\$68,974					
RPC037E160	RPC-037E 61st & Pena Station Systems - Comms Local Testing - DTS	15	28-Nov-14	18-Dec-14	\$96,637	EC.X.A	R.4	50.05					\$96,637				

Project Start: 12-Feb-09

Project Finish: 11-May-17

Data Date: 31-Aug-13



**RPC-037E 61st and Pena Station Systems**

Note: Total Float based on August 2013 schedule upon which this fragnet is based.



Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	2014					2015	
									Q4	Q1	Q2	Q3	Q4	Q1	
RPC037E210	RPC-037E 61st & Pena Station Systems - XoRail Comms Test/Commission Support	15	28-Nov-14	18-Dec-14	\$11,675	EC.XA	R.3	50.05						\$11,675	
DTP-PRICING FORM: F11.G.10.05-1 Ductbank		5	18-Feb-14	24-Feb-14	\$65,995						\$65,995				
RPC037E080	RPC-037E 61st & Pena Station Systems - Ductbank	5	18-Feb-14	24-Feb-14	\$65,995	EC.XA	R.3	10.05			\$65,995				
DTP-PRICING FORM: F11.S Station Elements		10	05-Jun-14	18-Jun-14	\$41,639							\$41,639			
DTP-PRICING FORM: F11.S.07 Aviation Station		10	05-Jun-14	18-Jun-14	\$41,639							\$41,639			
DTP-PRICING FORM: F11.S.07.01 At-grade station, stop, shelter, mall, terminal, platform		10	05-Jun-14	18-Jun-14	\$41,639							\$41,639			
RPC037E140	RPC-037E 61st & Pena Station Systems - Prep for Grade Crossing Panels	10	05-Jun-14	18-Jun-14	\$41,639	EC.X.S.060	S.1	20.01				\$41,639			
DTP-PRICING FORM: F11.O Other Project Costs		23	04-Nov-13	06-Dec-13	\$141,350					\$141,350					
DTP-PRICING FORM: F11.O.01 Other Project Costs		23	04-Nov-13	06-Dec-13	\$141,350					\$141,350					
DTP-PRICING FORM: F11.O.01.03 Temporary Facilities and other indirect costs during construction		5	04-Nov-13	08-Nov-13	\$63,292					\$63,292					
RPC037E020	RPC-037E 61st & Pena Station Systems - Estimate & Change Report	5	04-Nov-13	08-Nov-13	\$63,292	EC.X	G	40.08		\$63,292					
DTP-PRICING FORM: F11.O.01.05 Final Design		23	04-Nov-13	06-Dec-13	\$76,348					\$76,348					
RPC037E030	RPC-037E 61st & Pena Station Systems - Design / PUC Variance	20	04-Nov-13	29-Nov-13	\$5,943	EC.X	G	80.02		\$5,943					
RPC037E040	RPC-037E 61st & Pena Station Systems - Operations Simulation	20	04-Nov-13	29-Nov-13	\$60,190	EC.X	G	80.02		\$60,190					
RPC037E050	RPC-037E 61st & Pena Station Systems - Simulation Analysis - DTS	5	02-Dec-13	06-Dec-13	\$10,215	EC.X	G	80.02		\$10,215					
DTP-PRICING FORM: F11.O.01.07 Bond and Letter of Credit		5	04-Nov-13	08-Nov-13	\$1,710					\$1,710					
RPC037E010	RPC-037E 61st & Pena Station Systems - Bond	5	04-Nov-13	08-Nov-13	\$1,710	EC.X	I.0032	40.08		\$1,710					



**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.06)  
CDRL CA-105.049A  
Change Report (RPC-037F) Phased Approach - Phase 1**

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**1. Scope – Details of the proposed implementation of Concessionaire Proposed Change, RTD Proposed Change or Relief Notice (CA Sections 36.1(c)(i) and (ii), 36.3(e)(i), and 38.2(c)(i) (each, as applicable))**

Summary of the Work:

**Design/Build:** This Change Report and associated pricing is for DTP to provide all construction services to complete the installation of a portion of the inbound and outbound side platforms for 61<sup>st</sup> and Pena Station as detailed in the 100% progress drawings CDRL # 7B-09.03F, Rev D (Appendix 1a). Aviation has requested the delivery of this work in Phases, with phase 1 consisting of the construction of the station platform components that would adversely impact Testing and Commissioning activities if installed at a later date. Phase 2 consists of the station platform elements that will be deferred to a later date. The Phase 1 and Phase 2 scope of work for the Capital construction and Operations and Maintenance is further described below. This Change Report addresses only the Phase 1 elements.

Capital Construction Phase 1: This Change Report and associated pricing is for DTP to provide the following Phase 1 construction services:

- Establish and maintain site access, laydown yard and SWPPP BMPs
- Excavation and backfill of platform foundations
- Platform foundations and finish surfaces
- Platform crawl space access vents
- Shop drawings for Canopies (including prefabricated windbreak system and seat/bench system)
- Platform drainage
- Platform edge tactile warning strip
- Platform damp proofing and drainboard
- All embedded conduits required for the future wiring of train control, communications, electrical and illumination components
- Platform grounding grid
- Platform mechanical systems consisting of water faucets and electrical outlets located in the platform crawl space
- DTP's design of 61<sup>st</sup> and Pena Station was conditioned on using average lighting levels. Due to the recent rejection and withdrawal of the proposed lighting change, DTP has incurred additional costs, which are being included within this Phase 1 report
- Design Services during Construction (DSDC)
- Management services for DTP, DTS, DTC, and DTO are included for the following:





**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.06)**  
**CDRL CA-105.049A**  
**Change Report (RPC-037F) Phased Approach - Phase 1**

- Development, review, and negotiating the Change Report to an MoR
- Construction planning at the IFC stage
- Incorporation of the changed work into the DTP Project Controls network (Scheduling and Cost)
- Quality Assurance oversight and auditing
- Public Involvement limited to scripting talking points for PI staff to respond to inquiries received by DTP. All inquiries will be referred to DIA for closure
- Executive Safety and Security

Capital Construction Phase 2: The following station platform elements have been deferred. They are excluded from the scope of work for this Change Report:

- Reestablishing the site after completion of construction (to be included within Phase 2 MoR Scope of Work or if not issued a subsequent MoR specific to the restoration of the site in order to close SWPPP permits)
- Fabrication and installation of canopies (including prefabricated windbreak system and seat/bench system)
- At-grade crossings at each end of the platform, excluding the work between the tactile warning strips which will be part of RPC-037E – Systems Construction (crossing panels, warning signs, lights/bells)
- Platform edge rub strip
- Handrails and guardrails
- Pedestrian swing gates
- Illumination
- Platform static signs
- Trash receptacles
- Concrete coating
- Platform electrical (excluding embedded conduits included in Phase 1)
- Capital Phase 2 management services for DTP, DTS, DTC, and DTO that are deferred, excluded from this Change Report are:
  - Public Involvement – This change excludes the necessity for any additional door hangers, email, flyers other or written notifications specific to station. In addition, this change exclude any updates to project materials which would be required as a result of this stations, including but not limited to: Google flyover update, DTP and FastTracks web updates, and graphics updates to Eagle Project Maps.

**Operations and Maintenance:** There is no Operations and Maintenance component included with this Change Report. All O&M services have been deferred to Phase 2. DTP is not responsible for clearing or trash removal on or around the station platforms prior to the issuance of a MoR for Phase 2 work.



**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.06)**  
**CDRL CA-105.049A**  
**Change Report (RPC-037F) Phased Approach - Phase 1**

Scope Assumptions and Conditions:

The scope of work described in Section 1 of this Change Report and the Price provided in Section 2 and Schedule Impacts described in Section 3 are contingent upon the following Assumptions and Conditions:

- RPC 037F Phase 1 does not require DTP to provide passenger service or stop the train at this station. Any costs and impacts associated with incorporating a train stop at this station into the DTP operating plan are excluded from this RPC and will be addressed through a subsequent RPC-037G.
- The price of this change was based upon reasonable access provided at no cost. Reasonable access will be provided at no cost from DIA and the developer.
- An MoR will be executed for this work no later than December 15, 2013.
- Permanent modifications to the Blue Gamma Pond, excluding construction of the western platform, is excluded from the scope of this change.
- DTP is not responsible for coordination, cost or placement of the transformer by Xcel Energy.
- The scope of this change excludes the required runoff water quality treatment system and/or water detention requirements. The platform storm system (provided by others) will be connected to the plaza system within 10 to 20 LF of the northbound platform.
- DTP excludes all tap fees and costs to bring potable water to the station. Such water service will be provided by others to a connection point within 10-20 LF of the eastern platform.
- All work will be performed under DTP's established Quality program. Any additional quality testing or reporting not required by the Concession Agreement, including DTP's Quality program, is not included within this Change Report.
- The Scope of Work of this Change Report includes the development of canopy shop drawings only. The price in Section 2 reflects this limited scope of work. The canopy supplier has committed to the following prices for fabricating, furnishing and installation of the canopies under a Phase 2 Change Report if NTP for the Phase 2 work is provided by August 1, 2014 :
  - Furnish and Install Canopies = \$983,968.





**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.06)  
CDRL CA-105.049A  
Change Report (RPC-037F) Phased Approach - Phase 1**

- Completion of the scope of work contained within this Change Report will not provide sufficient station platform infrastructure to permit a train stop at the 61<sup>st</sup> and Pena station. Completion of the deferred items, Phase 2 scope of work, is required in order to incorporate a train stop at this location. With the deferral of the Phase 2 Scope of Work there is no guarantee the Phase 2 Scope of Work could be completed without impacting the Testing and Commissioning efforts or in support of the Revenue Service Target Dates.
- DTP is not responsible for the Concession Agreement (CA) Operations and Maintenance obligations during the Design / Build period for the new scope including graffiti removal since these obligations have been deferred to Phase 2.

Reference Documents:

Aconex Official Letter RTD-OFLTR-000429 – EAGLE PROJECT CONTRACT NO. 18FH012 – Re: Proposal to Initiate the Interim Design for the Gateway Station

Aconex Official Letter RTD-OFLTR-000500 – Aviation Station Operations and Maintenance Clarification

Aconex Transmittal RTD-TRN-015252 – CDRL CA-111.088: Memorandum of Relief MoR 62D for RPC 037D Aviation Station Task D Platform Design

Aconex Official Letter RTD-OFLTR-000546 – Aviation Station

Aconex Transmittal DTP-TRN-011230 – CDRL CA-105.049A, RTD Proposed Change No. 37F.CAP & CDRL CA-105.049B, RTD Proposed Change No. 37F.O&M, 61<sup>st</sup> and Pena Station Platform Construction – DTP Perform

Aconex Transmittal DTP-TRN-011454 – CDRL 7B-09.03F: Station Design Documentation – EC3F 61<sup>st</sup> & Pena Station – For RTD Review

Aconex Official Letter RTD-OFLTR-000580 – Aviation Station – RPC 37 Letter of assurance



**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.06)**  
**CDRL CA-105.049A**  
**Change Report (RPC-037F) Phased Approach - Phase 1**

**2. Pricing Summary – Additional Costs (CA Sections 36.1(c)(iii), 36.3(e)(ii) and 36.3(e)(iii), 38.2(c)(ii) (each, as applicable))**

This Change Report includes a fixed price of \$3,818,381 for all Incurred Costs for construction services during the Design/Build Period and an aggregate fixed price, in 2010 Dollars, of \$0 for all costs for operations and maintenance services during the Operating Period, as further detailed in Appendix 2. These fixed prices include all Incurred Costs associated with this RPC. The fixed price is based upon the Work identified in Section 1 above.

The construction Incurred Costs will be incorporated into the Construction Payments, the WBS Pricing Form, the Schedule of Values, and the Revised Baseline Schedule during the first monthly update following the execution of the applicable MoR and Earned Value will be recorded as appropriate.

Incorporation of Incurred Costs into the Construction Payments and/or Service Payments, as applicable, does not infringe upon the Bond Proceeds raised to generally fund the Eagle Project. DTP has no obligation to fund this change.

DTP confirms that the Incurred Costs defined in Appendix 2 reflect any projected increases or decreases in the cost of operation; maintains the Equity IRR; reflects any required changes to the Designated Credit Agreements; and reflects any change to the risk profile of the Eagle Project.

**3. Schedule – Time Impacts (CA Sections 36.1(c)(iii), 36.3(e)(iv), 38.2(c)(iii) (each, as applicable))**

The Work described in Section 1, above, has been scheduled as shown in Appendix 4. This RPC does not impact the Revenue Service Target Date and/or Final Completion Date for the Eagle Commuter Rail Project if an MoR is provided by December 15, 2013.

**4. Permits (CA Sections 36.1(c)(iii), 36.3(e)(v), 38.2(c)(ii) (each, as applicable))**

RTD is responsible for any required modifications to RTD Permits. DTP will obtain all other Permits required with the agreed upon cooperation and coordination of DIA or the developer if required.

**5. Impact to Obligations of the Concessionaire (CA Sections 36.1(c)(iii), 36.3(e)(vi), 38.2(c)(iii) (each, as applicable))**



**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.06)**  
**CDRL CA-105.049A**  
**Change Report (RPC-037F) Phased Approach - Phase 1**

The Design/Build / O&M Contracts will be amended to reflect the change in obligations under the Project Agreements resulting from this Change.

**6. Subcontractors ((CA Sections 36.1(c)(iii) and 36.3(e)(vii) (each, as applicable))**

DTP will utilize subcontractors during the execution of this change. These include at a minimum Denver Transit Constructors, F/HDR Global Design Services, Alcam, and Dynalectric.

**7. Impacts on the Availability Ratio or Performance Deductions (CA Sections 36.1(c)(iii), 36.3(e)(viii), 38.2(c)(iv) (each, as applicable))**

There will be no long-term increase or decrease in the Availability Ratio or Performance Deductions.

**8. Further Effects or Benefits (CA Sections 36.1(c)(iii), 36.3(e)(ix), 38.2(c)(ii) (each, as applicable))**

There are no further impacts resulting from this change.

**9. Impact on DBE/SBE Goals (CA Sections 36.1(c)(iii), 36.3(e)(x) (each, as applicable))**

Achievement of the DBE/SBE Goals set forth in the Concession Agreement will not be impacted by this change.



**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.06)  
CDRL CA-105.049A  
Change Report (RPC-037F) Phased Approach - Phase 1**

Appendix 1 – CDRL 7B-09.03F, Rev D: Station Design Documentation - EC3F 61st & Pena Station - 100% Submittal (by reference)

Appendix 2 – Pricing Summary

Appendix 3 – Revised Table 3 *Base Annual Service Payments* (per CA Amendment No. 2) (*as applicable for Service Payments*) N/A

Appendix 4 - Schedule Fragnet

## Capital Costs

### RPC-037F Platform Construction - Phased Approach - Phase 1

		Cost	Mark-up	Total
Concessionaire	DTP - Grand Total	\$ 3,644,111	\$ 174,270	<b>\$ 3,818,381</b>
	DTP - Credit for Deleted Work	\$ -	\$ -	\$ -
Concessionaire	DTP	\$ 3,644,111	\$ 174,270	<b>\$ 3,818,381</b>
	DTP direct	\$ 25,703	\$ 2,442	\$ 28,145
	Project subcontractors	\$ 3,436,555	\$ 171,828	\$ 3,608,383
	Project Contractors direct	\$ 35,752	\$ -	\$ 35,752
	Project Contractors mark ups on immediate subcontractors	\$ 146,101	\$ -	\$ 146,101

		Cost	Mark-up	Total
Project Contractor	DTS	\$ 3,469,898	\$ 148,510	\$ 3,618,408
	DTS direct (10% Mark-up)	\$ 14,844	\$ 1,484	\$ 16,328
	Ltr of Credit (5% Mark-up)	\$ 18,499	\$ 925	\$ 19,424
	<b>Subtotal of DTS Directs</b>	<b>\$ 33,343</b>	<b>\$ 2,409</b>	<b>\$ 35,752</b>
	DTC direct (5% Mark-up)	\$ 2,922,020	\$ 146,101	\$ 3,068,121
DTC Subs (0% Mark-up)	\$ 514,535	\$ -	\$ 514,535	

		Cost	Mark-up	Total
Subcontractor to Project Contractor	DTC	\$ 3,150,430	\$ 286,125	\$ 3,436,555
	DTC direct (10% Mark-up)	\$ 2,250,598	\$ 225,060	\$ 2,475,658
	DTC ODC (5% Mark-up)	\$ 10,871	\$ 544	\$ 11,415
	DTC conting (10% Mark-up)	\$ 360,193	\$ 36,019	\$ 396,212
	DTC Bond (0% Mark-up)	\$ 38,735	\$ -	\$ 38,735
	<b>Subtotal of DTC Directs</b>	<b>\$ 2,660,397</b>	<b>\$ 261,623</b>	<b>\$ 2,922,020</b>
Sub costs (5% Mark-up)	\$ 490,033	\$ 24,502	\$ 514,535	

		Cost	Mark-up	Total
Sub-subcontractor	Subcontractors	\$ 490,033	\$ -	\$ 490,033
	Sub's - Lump Sum Price	\$ 490,033	\$0 override	\$ 490,033

#### DTP - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTP Direct Costs</b>						
LTA Review Costs	HRS	8	\$ 320.30	\$ 2,562		
					<b>5% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTP direct (5% Mark-up)"</b>				<b>\$ 2,562</b>	\$ 128	\$ 2,690

<b>DTP - Labor</b>						
Executive Safety and Security	LS	1	\$ 11,520.15	\$ 11,520		
Quality Assurance	LS	0.6	\$ 4,038.66	\$ 2,423		
Public Involvement	LS	1	\$ 8,230.00	\$ 8,230		
Change Report Review	LS	1	\$ 966.97	\$ 967		
					<b>10% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTP direct (5% Mark-up)"</b>				<b>\$ 23,140</b>	\$ 2,314	\$ 25,454

Partially Deferred

#### DTS - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS Direct Costs</b>						
Letter of Credit Annual Fees (6% of DTS Total Price)(1.5% x 4 yrs)	%	6.0%	\$ 216,270.42	\$ 12,976		
Legal Fees - Orrick	LS	1	\$ 5,000.00	\$ 5,000		
DTC Staff ODC	LS	1	\$ 522.77	\$ 523		
					<b>5% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTS direct (5% Mark-up)"</b>				<b>\$ 18,499</b>	\$ 925	\$ 19,424

<b>DTS Additional Staff</b>						
DTS - Change Report	LS	1	\$ 14,843.93	\$ 14,844		
					<b>10% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTS direct (10% Mark-up)"</b>				<b>\$ 14,844</b>	\$ 1,484	\$ 16,328

#### DTC - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
Remove Chainlink Fence	LF	1,350	\$ 3.97	\$ 5,360		
Clear & Grub Access Rd. / Laydown Yard	ACRE	1.5	\$ 2,505.00	\$ 3,758		
Install Erosion Control	LS	1	\$ 21,638.00	\$ 21,638		
Maintain Erosion Control	MO	7	\$ 3,719.00	\$ 26,033		
Construct New Access Road from 64th	LS	1	\$ 12,705.00	\$ 12,705		
Furnish / Remove Temp. Track Xing	LS	1	\$ 35,000.00	\$ 35,000		
Maintain Temp. Track Xing	MO	10	\$ 1,000.00	\$ 10,000		
Install / Remove Ballast Protection	LS	1	\$ 15,000.00	\$ 15,000		
Maintain ballast protection	MO	10	\$ 1,000.00	\$ 10,000		
Replace Chainlink Fence	LF	0	\$ 10.74	\$ -		
Remove Access Road / Grade Site	LS	0	\$ 9,862.00	\$ -		
Stabilize/ Reseed	Acre	0.0	\$ 3,900.00	\$ -		
Railroad Flagging (CRT)	WK	28	\$ 3,782.50	\$ 105,910		
Structure Excavation	CY	8,842	\$ 15.75	\$ 139,262		
Subgrade Prep	CY	942	\$ 4.04	\$ 3,806		
Platform Drainage	LS	1	\$ 18,000.00	\$ 18,000		
Structure Backfill	CY	7,707	\$ 26.50	\$ 204,236		

Partially Deferred

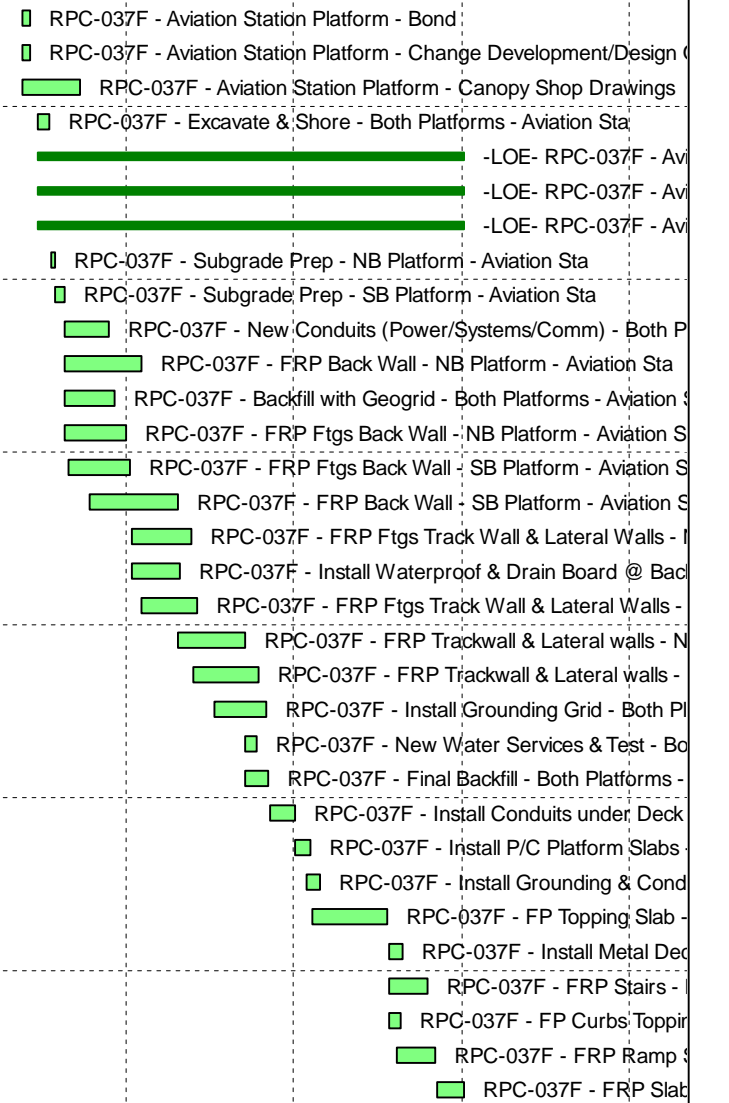
Deferred  
Deferred  
Deferred

Partially Deferred





Activity ID	Activity Name	Original Duration	Total Float	Start	Finish	Cost	Location	Asset	SCC	DTP-PRICING FORM	2014					2015
											Q1	Q2	Q3	Q4	Q1	
<b>Total</b>		160	21	03-Feb-14	02-Oct-14	\$3,818,381										
<b>DTP-RPC037F.FRAG.E.5.H N of First Creek Bridge to and incl Tower Rd Xing - E</b>																
STA15-RPC37F-BOND	RPC-037F - Aviation Station Platform - Bond	5	16	03-Feb-14*	07-Feb-14	\$38,735	EC.X	I.O.032	BSE.40.08	F11.O.01.07						
STA15-RPC37F-CHG	RPC-037F - Aviation Station Platform - Change Development/Design Oversight	5	16	03-Feb-14	07-Feb-14	\$80,857	EC.X	G	BSE.80.02	F11.O.01.05						
STA15-RPC37F-CNDWG	RPC-037F - Aviation Station Platform - Canopy Shop Drawings	20	97	03-Feb-14	06-Mar-14	\$29,100	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-20-B010	RPC-037F - Excavate & Shore - Both Platforms - Aviation Sta	5	16	11-Feb-14	17-Feb-14	\$92,759	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05						
STA15-RPC37F-DSDC	-LOE- RPC-037F - Aviation Station Platform - Design Services during Construction	155	21	11-Feb-14	02-Oct-14	\$93,662	EC.X	G	BSE.80.02	F11.O.01.05						
STA15-RPC37F-FLAG	-LOE- RPC-037F - Aviation Station Platform - CRT Flagging	155	21	11-Feb-14	02-Oct-14	\$136,879	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-RPC37F-BALPR	-LOE- RPC-037F - Aviation Station Platform - Maintain Xing/Ballast Protection	155	21	11-Feb-14	02-Oct-14	\$27,395	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05						
STA15-20-N012	RPC-037F - Subgrade Prep - NB Platform - Aviation Sta	2	16	18-Feb-14	20-Feb-14	\$81,280	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05						
STA15-20-S012	RPC-037F - Subgrade Prep - SB Platform - Aviation Sta	2	16	21-Feb-14	25-Feb-14	\$81,280	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05						
STA15-22-N024	RPC-037F - New Conduits (Power/Systems/Comm) - Both Platforms - Aviation Sta	15	47	26-Feb-14	21-Mar-14	\$117,374	EC.X.S.060	N.3	BSE.40.02	F11.S.07.06						
STA15-32-N031	RPC-037F - FRP Back Wall - NB Platform - Aviation Sta	25	20	26-Feb-14	08-Apr-14	\$160,740	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-20-B017	RPC-037F - Backfill with Geogrid - Both Platforms - Aviation Sta	16	47	26-Feb-14	25-Mar-14	\$183,742	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05						
STA15-30-N030	RPC-037F - FRP Ftgs Back Wall - NB Platform - Aviation Sta	20	18	26-Feb-14	31-Mar-14	\$139,195	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-30-S030	RPC-037F - FRP Ftgs Back Wall - SB Platform - Aviation Sta	20	16	28-Feb-14	02-Apr-14	\$139,195	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-31-S031	RPC-037F - FRP Back Wall - SB Platform - Aviation Sta	30	16	11-Mar-14	28-Apr-14	\$160,740	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-30-N036	RPC-037F - FRP Ftgs Track Wall & Lateral Walls - NB Platform - Aviation Sta	20	26	03-Apr-14	06-May-14	\$139,194	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-34-B032	RPC-037F - Install Waterproof & Drain Board @ Back Walls - Both Platforms - Aviatio	15	39	04-Apr-14	29-Apr-14	\$30,442	EC.X.S.060	N.3	BSE.40.01	F11.S.07.05						
STA15-30-S036	RPC-037F - FRP Ftgs Track Wall & Lateral Walls - SB Platform - Aviation Sta	20	28	09-Apr-14	09-May-14	\$139,194	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-32-N038	RPC-037F - FRP Trackwall & Lateral walls - NB Platform - Aviation Sta	25	16	29-Apr-14	04-Jun-14	\$160,741	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-31-S038	RPC-037F - FRP Trackwall & Lateral walls - SB Platform - Aviation Sta	25	16	07-May-14	11-Jun-14	\$160,741	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-24-B027	RPC-037F - Install Grounding Grid - Both Platforms - Aviation Sta	20	16	19-May-14	16-Jun-14	\$65,372	EC.X.S.060	N.3	BSE.40.02	F11.S.07.06						
STA15-22-B022	RPC-037F - New Water Services & Test - Both Platforms - Aviation Sta	5	31	04-Jun-14	10-Jun-14	\$56,234	EC.X.S.060	N.3	BSE.40.02	F11.S.07.06						
STA15-20-B019	RPC-037F - Final Backfill - Both Platforms - Aviation Sta	10	16	04-Jun-14	17-Jun-14	\$183,842	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05						
STA15-24-B028	RPC-037F - Install Conduits under Deck - Both Platforms - Aviation Sta	10	16	18-Jun-14	01-Jul-14	\$58,687	EC.X.S.060	N.3	BSE.40.02	F11.S.07.06						
STA15-40-B042	RPC-037F - Install P/C Platform Slabs - Both Platforms - Aviation Sta	6	16	02-Jul-14	10-Jul-14	\$271,250	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-24-B044	RPC-037F - Install Grounding & Conduits thru Deck - Both Platforms - Aviation Sta	6	16	08-Jul-14	15-Jul-14	\$58,687	EC.X.S.060	N.3	BSE.40.02	F11.S.07.06						
STA15-40-B046	RPC-037F - FP Topping Slab - Both Platforms - Aviation Sta	30	16	11-Jul-14	21-Aug-14	\$390,866	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-42-B051	RPC-037F - Install Metal Decking @ Ramp Slabs - Both Platforms - Aviation Sta - DT	6	21	22-Aug-14	29-Aug-14	\$284,950	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-42-B054	RPC-037F - FRP Stairs - Both Platforms - Aviation Sta	15	23	22-Aug-14	12-Sep-14	\$42,070	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-40-B049	RPC-037F - FP Curbs Topping Slab - Both Platforms - Aviation Sta - DTP	5	16	22-Aug-14	28-Aug-14	\$96,875	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-42-B052	RPC-037F - FRP Ramp Slabs - Both Platforms - Aviation Sta	15	21	26-Aug-14	16-Sep-14	\$54,003	EC.X.S.060	S.1	BSE.20.01	F11.S.07.01						
STA15-42-B056	RPC-037F - FRP Slabs @ Grade Crossings - Both Platforms - Aviation Sta	12	21	17-Sep-14	02-Oct-14	\$62,300	EC.X.S.060	N.1	BSE.40.01	F11.S.07.05						



Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	Budgeted Cost	2014					2015	
										Q1	Q2	Q3	Q4	Q1		
<b>Total</b>		171	03-Feb-14	02-Oct-14	\$3,818,381					\$1,216,102	\$1,225,578	\$1,362,989	\$13,712			
<b>DTP-PRICING FORM: F11 Form 11: City and County of Denver Contributions</b>																
<b>DTP-PRICING FORM: F11.S Station Elements</b>																
<b>DTP-PRICING FORM: F11.S.07 Aviation Station</b>																
<b>DTP-PRICING FORM: F11.S.07.01 At-grade station, stop, shelter, mall, terminal, platform</b>																
STA15-RPC37F-CNDWG	RPC-037F - Aviation Station Platform - Canopy Shop Drawings	20	03-Feb-14	06-Mar-14	\$29,100	EC.X.S.060	S.1	BSE.20.01		\$29,100						
STA15-RPC37F-FLAG	-LOE- RPC-037F - Aviation Station Platform - CRT Flagging	155	11-Feb-14	02-Oct-14	\$136,879	EC.X.S.060	S.1	BSE.20.01		\$25,610	\$52,985	\$56,518	\$1,766			
STA15-30-N030	RPC-037F - FRP Ftgs Back Wall - NB Platform - Aviation Sta	20	26-Feb-14	31-Mar-14	\$139,195	EC.X.S.060	S.1	BSE.20.01		\$139,195						
STA15-32-N031	RPC-037F - FRP Back Wall - NB Platform - Aviation Sta	25	26-Feb-14	08-Apr-14	\$160,740	EC.X.S.060	S.1	BSE.20.01		\$128,592	\$32,148					
STA15-30-S030	RPC-037F - FRP Ftgs Back Wall - SB Platform - Aviation Sta	20	28-Feb-14	02-Apr-14	\$139,195	EC.X.S.060	S.1	BSE.20.01		\$125,276	\$13,920					

Project Start: 12-Feb-09

Project Finish: 11-May-17

Data Date: 31-Aug-13



**RPC-037F Aviation Station Platform**

Note: Total Float based on August 2013 schedule upon which this fragnet is based.

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	Budgeted Cost	2014					2015
										Q1	Q2	Q3	Q4	Q1	
STA15-31-S031	RPC-037F - FRP Back Wall - SB Platform - Aviation Sta	30	11-Mar-14	28-Apr-14	\$160,740	EC.X.S.060	S.1	BSE.20.01		\$69,654	\$91,086				
STA15-30-N036	RPC-037F - FRP Figs Track Wall & Lateral Walls - NB Platform - Aviation Sta	20	03-Apr-14	06-May-14	\$139,194	EC.X.S.060	S.1	BSE.20.01			\$139,194				
STA15-30-S036	RPC-037F - FRP Figs Track Wall & Lateral Walls - SB Platform - Aviation Sta	20	09-Apr-14	09-May-14	\$139,194	EC.X.S.060	S.1	BSE.20.01			\$139,194				
STA15-32-N038	RPC-037F - FRP Trackwall & Lateral walls - NB Platform - Aviation Sta	25	29-Apr-14	04-Jun-14	\$160,741	EC.X.S.060	S.1	BSE.20.01			\$160,741				
STA15-31-S038	RPC-037F - FRP Trackwall & Lateral walls - SB Platform - Aviation Sta	25	07-May-14	11-Jun-14	\$160,741	EC.X.S.060	S.1	BSE.20.01			\$160,741				
STA15-40-B042	RPC-037F - Install P/C Platform Slabs - Both Platforms - Aviation Sta	6	02-Jul-14	10-Jul-14	\$271,250	EC.X.S.060	S.1	BSE.20.01				\$271,250			
STA15-40-B046	RPC-037F - FP Topping Slab - Both Platforms - Aviation Sta	30	11-Jul-14	21-Aug-14	\$390,866	EC.X.S.060	S.1	BSE.20.01				\$390,866			
STA15-42-B054	RPC-037F - FRP Stairs - Both Platforms - Aviation Sta	15	22-Aug-14	12-Sep-14	\$42,070	EC.X.S.060	S.1	BSE.20.01				\$42,070			
STA15-42-B051	RPC-037F - Install Metal Decking @ Ramp Slabs - Both Platforms - Aviation Sta - DTS	6	22-Aug-14	29-Aug-14	\$284,950	EC.X.S.060	S.1	BSE.20.01				\$284,950			
STA15-40-B049	RPC-037F - FP Curbs Topping Slab - Both Platforms - Aviation Sta - DTP	5	22-Aug-14	28-Aug-14	\$96,875	EC.X.S.060	S.1	BSE.20.01				\$96,875			
STA15-42-B052	RPC-037F - FRP Ramp Slabs - Both Platforms - Aviation Sta	15	26-Aug-14	16-Sep-14	\$54,003	EC.X.S.060	S.1	BSE.20.01				\$54,003			
<b>DTP-PRICING FORM: F11.S.07.05 Demolition, Clearing, Earthwork</b>		<b>165</b>	<b>11-Feb-14</b>	<b>02-Oct-14</b>	<b>\$743,040</b>					<b>\$444,187</b>	<b>\$224,889</b>	<b>\$63,228</b>	<b>\$10,737</b>		
STA15-20-B010	RPC-037F - Excavate & Shore - Both Platforms - Aviation Sta	5	11-Feb-14	17-Feb-14	\$92,759	EC.X.S.060	N.1	BSE.40.01		\$92,759					
STA15-RPC37F-BALPR	-LOE- RPC-037F - Aviation Station Platform - Maintain Xing/Ballast Protection	155	11-Feb-14	02-Oct-14	\$27,395	EC.X.S.060	N.1	BSE.40.01		\$5,126	\$10,605	\$11,311	\$353		
STA15-20-N012	RPC-037F - Subgrade Prep - NB Platform - Aviation Sta	2	18-Feb-14	20-Feb-14	\$81,280	EC.X.S.060	N.1	BSE.40.01		\$81,280					
STA15-20-S012	RPC-037F - Subgrade Prep - SB Platform - Aviation Sta	2	21-Feb-14	25-Feb-14	\$81,280	EC.X.S.060	N.1	BSE.40.01		\$81,280					
STA15-20-B017	RPC-037F - Backfill with Geogrid - Both Platforms - Aviation Sta	16	26-Feb-14	25-Mar-14	\$183,742	EC.X.S.060	N.1	BSE.40.01		\$183,742					
STA15-34-B032	RPC-037F - Install Waterproof & Drain Board @ Back Walls - Both Platforms - Aviation Sta	15	04-Apr-14	29-Apr-14	\$30,442	EC.X.S.060	N.3	BSE.40.01			\$30,442				
STA15-20-B019	RPC-037F - Final Backfill - Both Platforms - Aviation Sta	10	04-Jun-14	17-Jun-14	\$183,842	EC.X.S.060	N.1	BSE.40.01			\$183,842				
STA15-42-B056	RPC-037F - FRP Slabs @ Grade Crossings - Both Platforms - Aviation Sta	12	17-Sep-14	02-Oct-14	\$62,300	EC.X.S.060	N.1	BSE.40.01				\$51,917	\$10,383		
<b>DTP-PRICING FORM: F11.S.07.06 New Site Utilities</b>		<b>98</b>	<b>26-Feb-14</b>	<b>15-Jul-14</b>	<b>\$356,354</b>					<b>\$117,374</b>	<b>\$174,424</b>	<b>\$64,556</b>			
STA15-22-N024	RPC-037F - New Conduits (Power/Systems/Comm) - Both Platforms - Aviation Sta	15	26-Feb-14	21-Mar-14	\$117,374	EC.X.S.060	N.3	BSE.40.02		\$117,374					
STA15-24-B027	RPC-037F - Install Grounding Grid - Both Platforms - Aviation Sta	20	19-May-14	16-Jun-14	\$65,372	EC.X.S.060	N.3	BSE.40.02			\$65,372				
STA15-22-B022	RPC-037F - New Water Services & Test - Both Platforms - Aviation Sta	5	04-Jun-14	10-Jun-14	\$56,234	EC.X.S.060	N.3	BSE.40.02			\$56,234				
STA15-24-B028	RPC-037F - Install Conduits under Deck - Both Platforms - Aviation Sta	10	18-Jun-14	01-Jul-14	\$58,687	EC.X.S.060	N.3	BSE.40.02			\$52,818	\$5,869			
STA15-24-B044	RPC-037F - Install Grounding & Conduits thru Deck - Both Platforms - Aviation Sta	6	08-Jul-14	15-Jul-14	\$58,687	EC.X.S.060	N.3	BSE.40.02				\$58,687			
<b>DTP-PRICING FORM: F11.O Other Project Costs</b>		<b>171</b>	<b>03-Feb-14</b>	<b>02-Oct-14</b>	<b>\$213,254</b>					<b>\$137,116</b>	<b>\$36,256</b>	<b>\$38,673</b>	<b>\$1,209</b>		
<b>DTP-PRICING FORM: F11.O.01 Other Project Costs</b>		<b>171</b>	<b>03-Feb-14</b>	<b>02-Oct-14</b>	<b>\$213,254</b>					<b>\$137,116</b>	<b>\$36,256</b>	<b>\$38,673</b>	<b>\$1,209</b>		
<b>DTP-PRICING FORM: F11.O.01.05 Final Design</b>		<b>171</b>	<b>03-Feb-14</b>	<b>02-Oct-14</b>	<b>\$174,519</b>					<b>\$98,381</b>	<b>\$36,256</b>	<b>\$38,673</b>	<b>\$1,209</b>		
STA15-RPC37F-CHG	RPC-037F - Aviation Station Platform - Change Development/Design Oversight	5	03-Feb-14	07-Feb-14	\$80,857	EC.X	G	BSE.80.02		\$80,857					
STA15-RPC37F-DSDC	-LOE- RPC-037F - Aviation Station Platform - Design Services during Construction	155	11-Feb-14	02-Oct-14	\$93,662	EC.X	G	BSE.80.02		\$17,524	\$36,256	\$38,673	\$1,209		
<b>DTP-PRICING FORM: F11.O.01.07 Bond and Letter of Credit</b>		<b>5</b>	<b>03-Feb-14</b>	<b>07-Feb-14</b>	<b>\$38,735</b>					<b>\$38,735</b>					
STA15-RPC37F-BOND	RPC-037F - Aviation Station Platform - Bond	5	03-Feb-14	07-Feb-14	\$38,735	EC.X	I.0.032	BSE.40.08		\$38,735					



**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.07)  
CDRL CA-105.054A  
Change Report (RPC -037E Phase 2.CAP)**

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**1. Scope – Details of the proposed implementation of Concessionaire Proposed Change, RTD Proposed Change or Relief Notice (CA Sections 36.1(c)(i) and (ii), 36.3(e)(i), and 38.2(c)(i) (each, as applicable))**

Summary of the Work:

**Design/Build:** This Change Report and associated pricing is for DTP to provide all remaining construction services not previously included in MoR 62E1 (RPC-37E Phase 1) to install train control, communications, and station pedestrian crossings for the new 61<sup>st</sup> and Pena Station. Aviation has requested the delivery of this work in Phases, with Phase 2 containing the balance of the station platform system elements not included in Phase 1. This Change Report addresses the Phase 2 elements.

**Capital Construction Phase 2:** The following station platform elements are included in the scope of this Change Report:

- Furnishing and installing platform systems equipment that includes:
  - CCTV security cameras and communication cases
  - Emergency telephones
  - Variable message signs (including the two to be installed over the TVMs furnished by others)
  - PA system
  - RTD communication case
- Furnishing and installing pedestrian crossing panels
- Furnishing and installing train car stop signs
- Wiring and terminating of the train control and systems equipment
- Testing and commissioning of the train control and systems equipment
- Capital Phase 2 management services for DTP, DTS, DTC, and DTO included with the following.
  - Development, review, and negotiating the Change Report to an MoR,
  - Incorporation of the changed work into the DTP Project Controls network (Scheduling and Cost), and
  - Quality Assurance oversight and auditing.
- Excluded from this Change Report are:
  - All Public Information services including updating the outreach materials to reflect the 61<sup>st</sup> and Pena station.

**Operations and Maintenance:** There is no Operations and Maintenance component included with this Change Report. All O&M services are included in the RPC 037E, Phase 2 O&M Change Report.



**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.07)**  
**CDRL CA-105.054A**  
**Change Report (RPC -037E Phase 2.CAP)**

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Scope Assumptions and Conditions:

The scope of work described in Section 1 of this Change Report and the Price provided in Section 2 and Schedule Impacts described in Section 3 are contingent upon the following Assumptions and Conditions:

- RPC 037E Phase 2 does not require DTP to provide passenger service or stop the train at this station. Any costs and impacts associated with incorporating a train stop at this station into the DTP operating plan are excluded from this RPC and will be addressed through a subsequent RPC-037G.
- NTP is provided for this work no later than April 26, 2014 to allow procurement to proceed.
- Scope of Work does not include furnishing or installing public phones or first responder phones. If these phones are required they are to be furnished, installed and maintained by others.
- All plaza and transition plaza work is excluded from this RTD Proposed Change.
- Price is based upon the Fire Marshall's approval of a single blue light station located at the center of each platform. Disconnecting of power to the OCS system will be achieved by contacting the OCC via the emergency telephone located at the blue light station or by a cell phone or other telephone. An OCS disconnect switch will not be located at the blue light station.
- Accommodating, wiring or furnishing of fare collection and ticket vending machines (TVM) are excluded from this scope.

Reference Documents:

Aconex Official Letter RTD-OFLTR-000429 – EAGLE PROJECT CONTRACT NO. 18FH012 – Re: Proposal to Initiate the Interim Design for the Gateway Station.

Aconex Official Letter RTD-OFLTR-000500 – Aviation Station

Aconex Transmittal RTD-TRN-015250 – CDRL CA-111.087: Memorandum of Relief MoR 62C for RPC-037C Aviation Station Task C System Design



**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.07)**  
**CDRL CA-105.054A**  
**Change Report (RPC -037E Phase 2.CAP)**

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Aconex Official Letter RTD-OFLTR-000546 – Aviation Station

Aconex Transmittal DTP-TRN-011229 – CDRL CA-105.048A, RTD Proposed Change No. 37E.CAP & CDRL CA-105.048B, RTD Proposed Change No. 37E.O&M, 61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)

Aconex Transmittal DTP-TRN-011544 - CDRL CA-105.048A, RTD Proposed Change No. 37E.CAP & CDRL CA-105.048B, RTD Proposed Change No. 37E.O&M, 61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)

Aconex Official Letter RTD-OFLTR-000509 - CDRL CA-105.048A, RTD Proposed Change No. 37E.CAP & CDRL CA-105.048B, RTD Proposed Change No. 37E.O&M, 61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.05)

Aconex Transmittal DTP-TRN-011454 – CDRL 7B-09.03F: Station Design Documentation – EC3F 61<sup>st</sup> & Pena Station – For RTD Review

Aconex Official Letter RTD-OFLTR-000580 – Aviation Station – RPC 37 Letter of assurance

Aconex Transmittal DTP-TRN-011921 - CDRL CA-105.048A, RTD Proposed Change No. 37E.CAP & CDRL CA-105.048B, RTD Proposed Change No. 37E.O&M, 61<sup>st</sup> and Pena Station Train Systems Construction Phase 1 (TSI-254.05)

Aconex Transmittal RTD-TRN-018143 - CDRL CA-111.106: Memorandum of Relief MoR 62E1 for RPC 037E Aviation Station Task E Phase 1 Systems Construction

Aconex Official Letter RTD-OFLTR-000614 – RTD Proposed Change 37E Phase 2 – Aviation Station Systems Construction Phase 2

Aconex Transmittal DTP-TRN-013173 - CDRL CA-105.054A, RTD Proposed Change No. 37E Phase 2.CAP & CDRL CA-105.054B, RTD Proposed Change No. 37E Phase 2.O&M, 61<sup>st</sup> and Pena Station Systems Construction (TSI-254.07)





**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.07)**  
**CDRL CA-105.054A**  
**Change Report (RPC -037E Phase 2.CAP)**

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Aconex Official Letter RTD-OFLTR-000631 - CDRL CA-105.054A, RTD Proposed Change No. 37E Phase 2.CAP & CDRL CA-105.054B, RTD Proposed Change No. 37E Phase 2.O&M, 61st and Pena Station Systems Construction (TSI-254.07)

**2. Pricing Summary – Additional Costs (CA Sections 36.1(c)(iii), 36.3(e)(ii) and 36.3(e)(iii), 38.2(c)(ii) (each, as applicable))**

This Change Report includes a fixed price of \$584,600 for all Incurred Costs for construction services during the Design/Build Period as further detailed in Appendix 2. These fixed prices include all Incurred Costs associated with this RPC. The fixed price is based upon the Work identified in Section 1 above.

The construction Incurred Costs will be incorporated into the Construction Payments, the WBS Pricing Form, the Schedule of Values, and the Revised Baseline Schedule during the first monthly update following the execution of the applicable MoR and Earned Value will be recorded as appropriate.

Incorporation of Incurred Costs into the Construction Payments and/or Service Payments, as applicable, does not infringe upon the Bond Proceeds raised to generally fund the Eagle Project. DTP has no obligation to fund this change.

DTP confirms that the Incurred Costs defined in Appendix 2 reflect any projected increases or decreases in the cost of operation; maintains the Equity IRR; reflects any required changes to the Designated Credit Agreements; and reflects any change to the risk profile of the Eagle Project.

**3. Schedule – Time Impacts (CA Sections 36.1(c)(iii), 36.3(e)(iv), 38.2(c)(iii) (each, as applicable))**

The Work described in Section 1, above, has been scheduled as shown in Appendix 4. This RPC does not impact the Revenue Service Target Date and/or Final Completion Date for the Eagle Commuter Rail Project if NTP is provided by April 26, 2014. Any delay past this date could impact procurement costs of major items.

**4. Permits (CA Sections 36.1(c)(iii), 36.3(e)(v), 38.2(c)(ii) (each, as applicable))**

RTD is responsible for any required modifications to RTD Permits. DTP will obtain all other Permits required with the agreed upon cooperation and coordination of DIA or the developer if required.





61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.07)  
CDRL CA-105.054A  
Change Report (RPC -037E Phase 2.CAP)

**5. Impact to Obligations of the Concessionaire (CA Sections 36.1(c)(iii), 36.3(e)(vi), 38.2(c)(iii) (each, as applicable))**

The Design / Build Contract will be amended to reflect the change in obligations under the Project Agreements resulting from this Change.

**6. Subcontractors ((CA Sections 36.1(c)(iii) and 36.3(e)(vii) (each, as applicable))**

DTP will utilize subcontractors during the execution of this change. These include at a minimum Denver Transit Constructors and XoRail

**7. Impacts on the Availability Ratio or Performance Deductions (CA Sections 36.1(c)(iii), 36.3(e)(viii), 38.2(c)(iv) (each, as applicable))**

There will be no long-term increase or decrease in the Availability Ratio or Performance Deductions.

**8. Further Effects or Benefits (CA Sections 36.1(c)(iii), 36.3(e)(ix), 38.2(c)(ii) (each, as applicable))**

There are no further impacts resulting from this change.

**9. Impact on DBE/SBE Goals (CA Sections 36.1(c)(iii), 36.3(e)(x) (each, as applicable))**

Achievement of the DBE/SBE Goals set forth in the Concession Agreement will not be impacted by this change.



**61<sup>st</sup> and Pena Station Train Systems Construction (TSI-254.07)**  
**CDRL CA-105.054A**  
**Change Report (RPC -037E Phase 2.CAP)**

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- Appendix 1 – NA
- Appendix 2 – Pricing Summary
- Appendix 3 – Revised Table 3 *Base Annual Service Payments* (per CA Amendment No. 2) N/A
- Appendix 4 – Cost Loaded Schedule Fragnet

## Capital Costs RPC-037E Systems Construction - Phase 2

		Cost	Mark-up	Total
Concessionaire	DTP - Grand Total	\$ 558,103	\$ 26,497	<b>\$ 584,600</b>
	DTP - Credit for Deleted Work	\$ -	\$ -	\$ -
		Cost	Mark-up	Total
Concessionaire	DTP	\$ 558,103	\$ 26,497	<b>\$ 584,600</b>
	DTP direct	\$ 4,741	\$ 346	\$ 5,087
	Project subcontractors	\$ 523,022	\$ 26,151	\$ 549,173
	Project Contractors direct	\$ 15,928	\$ -	\$ 15,928
	Project Contractors mark ups on immediate subcontractors	\$ 14,412	\$ -	\$ 14,412

		Cost	Mark-up	Total
Project Contractor	DTS	\$ 532,472	\$ 15,235	<b>\$ 547,707</b>
	DTS direct (10% Mark-up)	\$ 7,009	\$ 701	\$ 7,710
	Ltr of Credit (5% Mark-up)	\$ 2,441	\$ 122	\$ 2,563
	<b>Subtotal of DTS Directs</b>	<b>\$ 9,450</b>	<b>\$ 823</b>	<b>\$ 10,273</b>
	DTC direct (5% Mark-up)	\$ 288,248	\$ 14,412	\$ 302,660
	DTC Subs (0% Mark-up)	\$ 234,774	\$ -	\$ 234,774

		Cost	Mark-up	Total
Subcontractor to Project Contractor	DTC	\$ 486,207	\$ 36,815	<b>\$ 523,022</b>
	DTC direct (10% Mark-up)	\$ 201,149	\$ 20,115	\$ 221,264
	DTC ODC (5% Mark-up)	\$ 750	\$ 38	\$ 788
	DTC conting (10% Mark-up)	\$ 54,819	\$ 5,482	\$ 60,301
	DTC Bond (0% Mark-up)	\$ 5,895	\$ -	\$ 5,895
	<b>Subtotal of DTC Directs</b>	<b>\$ 262,613</b>	<b>\$ 25,635</b>	<b>\$ 288,248</b>
	Sub costs (5% Mark-up)	\$ 223,594	\$ 11,180	\$ 234,774

		Cost	Mark-up	Total
Sub-subcontractor	Subcontractors	\$ 223,594	\$ -	<b>\$ 223,594</b>
	Sub's - Lump Sum Price	\$ 223,594	\$0 override	\$ 223,594

### DTP - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTP Direct Costs</b>						
LTA Review Costs	HRS	8	\$ 320.30	\$ 2,562		
					<b>5% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTP direct (5% Mark-up)"</b>				<b>\$ 2,562</b>	\$ 128	<b>\$ 2,690</b>

<b>DTP - Labor</b>						
Quality Assurance	LS	0.3	\$ 4,038.66	\$ 1,212		
Change Report Review	LS	1	\$ 966.97	\$ 967		
					<b>10% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTP direct (5% Mark-up)"</b>				<b>\$ 2,179</b>	\$ 218	<b>\$ 2,397</b>

### DTS - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS Direct Costs</b>						
Letter of Credit Annual Fees (6% of DTS Total Price)(1.5% x 4 yrs)	%	6.0%	\$ 32,737.27	\$ 1,964		
Legal Fees	HR	2	\$ 238.37	\$ 477		
					<b>5% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTS direct (5% Mark-up)"</b>				<b>\$ 2,441</b>	\$ 122	<b>\$ 2,563</b>

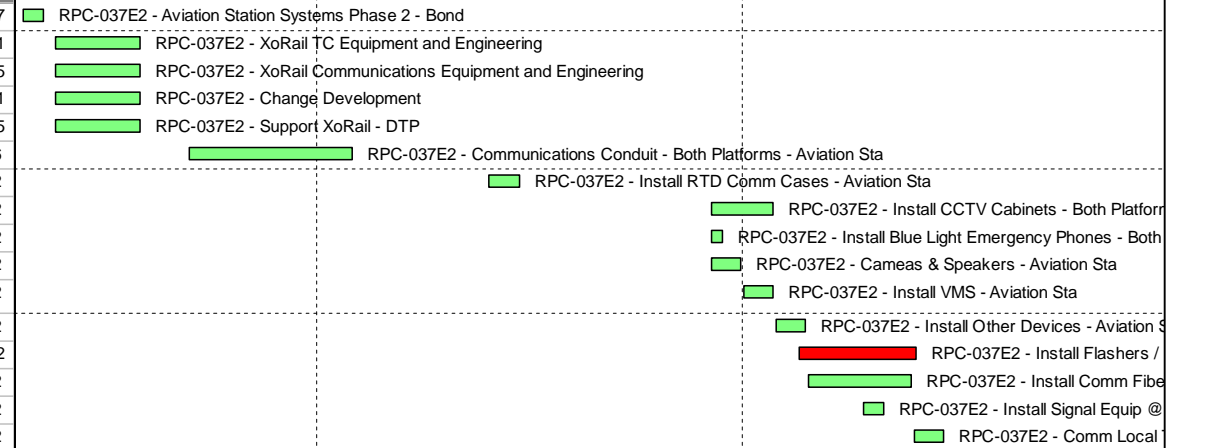
<b>DTS Additional Staff</b>						
DTS - Change Report	LS	1	\$ 6,774.57	\$ 6,775		
DTS - Staff ODC	LS	1	\$ 234.00	\$ 234		
					<b>10% Mark-up</b>	<b>Total</b>
<b>SUBTOTAL "DTS direct (10% Mark-up)"</b>				<b>\$ 7,009</b>	\$ 701	<b>\$ 7,710</b>

### DTC - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
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Activity ID	Activity Name	Original Duration	Total Float	Start	Finish	Cost	Location	Asset	SCC	DTP-PRICIN FORM	2014			
											Q2	Q3	Q4	
<b>Eagle Project - Denver, Colorado, DTP 04/14, RPC-037E&amp;F Phase 2 Aviation Stat</b>		141	61	28-Apr-14	13-Nov-14	\$584,600.00								
<b>East Corridor</b>		141	61	28-Apr-14	13-Nov-14	\$584,600.00								
<b>Segment 5 - EC 762+96 to 986+38</b>		141	61	28-Apr-14	13-Nov-14	\$584,600.00								
<b>N of First Creek Bridge to and incl Tower Rd Xing - E5H</b>														
STA15-RPC37E2-BK	RPC-037E2 - Aviation Station Systems Phase 2 - Bond	5	115	28-Apr-14	02-May-14	\$5,895.00	EC.X	I.0.032	40.08	F11.O.01.07				
COMM16-260	RPC-037E2 - XoRail TC Equipment and Engineering	15	177	05-May-14	23-May-14	\$100,000.00	EC.X.A	R.3	50.01	F11.G.10.01				
COMM16-270	RPC-037E2 - XoRail Communications Equipment and Engineering	15	142	05-May-14	23-May-14	\$147,202.00	EC.X.A	R.4	50.05	F11.G.10.05				
STA15-RPC37E2-CI	RPC-037E2 - Change Development	15	115	05-May-14	23-May-14	\$23,500.00	EC.X.A	R.3	50.01	F11.G.10.01				
COMM16-280	RPC-037E2 - Support XoRail - DTP	15	142	05-May-14	23-May-14	\$15,547.00	EC.X.A	R.4	50.05	F11.G.10.05				
STA15-52-B350	RPC-037E2 - Communications Conduit - Both Platforms - Aviation Sta	25	112	03-Jun-14	08-Jul-14	\$35,500.00	EC.X.S.I	N.3	40.02	F11.S.07.06				
STA15-60-B580	RPC-037E2 - Install RTD Comm Cases - Aviation Sta	5	91	07-Aug-14	13-Aug-14	\$16,000.00	EC.X.S.I	R.4	50.05	F11.S.07.12				
STA15-52-B340	RPC-037E2 - Install CCTV Cabinets - Both Platforms - Aviation Sta	10	36	24-Sep-14	07-Oct-14	\$10,000.00	EC.X.S.I	R.4	50.05	F11.S.07.12				
STA15-60-B330	RPC-037E2 - Install Blue Light Emergency Phones - Both Platforms - Aviation Sta - DTO	3	43	24-Sep-14	26-Sep-14	\$5,655.00	EC.X.S.I	R.4	50.05	F11.S.07.12				
STA15-60-B540	RPC-037E2 - Cameas & Speakers - Aviation Sta	5	31	24-Sep-14	30-Sep-14	\$67,677.00	EC.X.S.I	R.4	50.05	F11.S.07.12				
STA15-60-B550	RPC-037E2 - Install VMS - Aviation Sta	5	31	01-Oct-14	07-Oct-14	\$24,098.00	EC.X.S.I	R.4	50.05	F11.S.07.12				
STA15-60-B560	RPC-037E2 - Install Other Devices - Aviation Sta	5	31	08-Oct-14	14-Oct-14	\$39,500.00	EC.X.S.I	R.4	50.05	F11.S.07.12				
STA15-60-B450	RPC-037E2 - Install Flashers / Bell Fdns - Aviation Sta	20	0	13-Oct-14	07-Nov-14	\$11,000.00	EC.X.R	R.3.040	50.02	F11.G.10.02				
STA15-60-B570	RPC-037E2 - Install Comm Fiber / Manholes & Handholes - Aviation Sta	17	31	15-Oct-14	06-Nov-14	\$42,650.00	EC.X.S.I	R.4	50.05	F11.S.07.12				
STA15-60-B338	RPC-037E2 - Install Signal Equip @ Grade Crossings - Both Platforms - Aviation Sta - DTS	5	70	27-Oct-14	31-Oct-14	\$40,376.00	EC.X.S.I	R.4	50.05	F11.S.07.12				
COMM16-250	RPC-037E2 - Comm Local Testing - Aviation Sta	5	31	07-Nov-14	13-Nov-14	\$0.00	EC.X.S.I	R.4		F11.S.07.12				



Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	Budgeted Cost	2014		
										Q2	Q3	Q4
<b>Total</b>		137	28-Apr-14	07-Nov-14	\$584,600.00					\$320,544.00	\$101,432.00	\$162,624.00
<b>DTP-PRICING FORM: F11 Form 11: City and County of Denver Contributions</b>		137	28-Apr-14	07-Nov-14	\$584,600.00					\$320,544.00	\$101,432.00	\$162,624.00
<b>DTP-PRICING FORM: F11.G Guideway Elements</b>		132	05-May-14	07-Nov-14	\$297,249.00					\$286,249.00		\$11,000.00
<b>DTP-PRICING FORM: F11.G.10 Controls Systems</b>		132	05-May-14	07-Nov-14	\$297,249.00					\$286,249.00		\$11,000.00
<b>DTP-PRICING FORM: F11.G.10.01 Train Control and Signaling</b>		15	05-May-14	23-May-14	\$123,500.00					\$123,500.00		
COMM16-260	RPC-037E2 - XoRail TC Equipment and Engineering	15	05-May-14	23-May-14	\$100,000.00	EC.X.A	R.3	50.01		\$100,000.00		
STA15-RPC37E2-CHG	RPC-037E2 - Change Development	15	05-May-14	23-May-14	\$23,500.00	EC.X.A	R.3	50.01		\$23,500.00		
<b>DTP-PRICING FORM: F11.G.10.02 Traffic signals and crossing protection</b>		20	13-Oct-14	07-Nov-14	\$11,000.00							\$11,000.00
STA15-60-B450	RPC-037E2 - Install Flashers / Bell Fdns - Aviation Sta	20	13-Oct-14	07-Nov-14	\$11,000.00	EC.X.R	R.3.040	50.02				\$11,000.00
<b>DTP-PRICING FORM: F11.G.10.05 Communications</b>		15	05-May-14	23-May-14	\$162,749.00					\$162,749.00		
COMM16-270	RPC-037E2 - XoRail Communications Equipment and Engineering	15	05-May-14	23-May-14	\$147,202.00	EC.X.A	R.4	50.05		\$147,202.00		
COMM16-280	RPC-037E2 - Support XoRail - DTP	15	05-May-14	23-May-14	\$15,547.00	EC.X.A	R.4	50.05		\$15,547.00		
<b>DTP-PRICING FORM: F11.S Station Elements</b>		111	03-Jun-14	06-Nov-14	\$281,456.00					\$28,400.00	\$101,432.00	\$151,624.00
<b>DTP-PRICING FORM: F11.S.07 Aviation Station</b>		111	03-Jun-14	06-Nov-14	\$281,456.00					\$28,400.00	\$101,432.00	\$151,624.00
<b>DTP-PRICING FORM: F11.S.07.06 New Site Utilities</b>		25	03-Jun-14	08-Jul-14	\$35,500.00					\$28,400.00	\$7,100.00	
STA15-52-B350	RPC-037E2 - Communications Conduit - Both Platforms - Aviation Sta	25	03-Jun-14	08-Jul-14	\$35,500.00	EC.X.S.060	N.3	40.02		\$28,400.00	\$7,100.00	
<b>DTP-PRICING FORM: F11.S.07.12 Communications</b>		65	07-Aug-14	06-Nov-14	\$245,956.00						\$94,332.00	\$151,624.00
STA15-60-B330	RPC-037E2 - Install Blue Light Emergency Phones - Both Platforms - Aviation Sta - DTO	3	24-Sep-14	26-Sep-14	\$5,655.00	EC.X.S.060	R.4	50.05			\$5,655.00	
STA15-60-B338	RPC-037E2 - Install Signal Equip @ Grade Crossings - Both Platforms - Aviation Sta - DTS	5	27-Oct-14	31-Oct-14	\$40,376.00	EC.X.S.060	R.4	50.05				\$40,376.00
STA15-60-B540	RPC-037E2 - Cameas & Speakers - Aviation Sta	5	24-Sep-14	30-Sep-14	\$67,677.00	EC.X.S.060	R.4	50.05				\$67,677.00
STA15-60-B550	RPC-037E2 - Install VMS - Aviation Sta	5	01-Oct-14	07-Oct-14	\$24,098.00	EC.X.S.060	R.4	50.05				\$24,098.00
STA15-60-B560	RPC-037E2 - Install Other Devices - Aviation Sta	5	08-Oct-14	14-Oct-14	\$39,500.00	EC.X.S.060	R.4	50.05				\$39,500.00
STA15-60-B580	RPC-037E2 - Install RTD Comm Cases - Aviation Sta	5	07-Aug-14	13-Aug-14	\$16,000.00	EC.X.S.060	R.4	50.05			\$16,000.00	
STA15-52-B340	RPC-037E2 - Install CCTV Cabinets - Both Platforms - Aviation Sta	10	24-Sep-14	07-Oct-14	\$10,000.00	EC.X.S.060	R.4	50.05			\$5,000.00	\$5,000.00
STA15-60-B570	RPC-037E2 - Install Comm Fiber / Manholes & Handholes - Aviation Sta	17	15-Oct-14	06-Nov-14	\$42,650.00	EC.X.S.060	R.4	50.05				\$42,650.00
<b>DTP-PRICING FORM: F11.O Other Project Costs</b>		5	28-Apr-14	02-May-14	\$5,895.00					\$5,895.00		
<b>DTP-PRICING FORM: F11.O.01 Other Project Costs</b>		5	28-Apr-14	02-May-14	\$5,895.00					\$5,895.00		
<b>DTP-PRICING FORM: F11.O.01.07 Bond and Letter of Credit</b>		5	28-Apr-14	02-May-14	\$5,895.00					\$5,895.00		
STA15-RPC37E2-BOND	RPC-037E2 - Aviation Station Systems Phase 2 - Bond	5	28-Apr-14	02-May-14	\$5,895.00	EC.X	I.0.032	40.08		\$5,895.00		

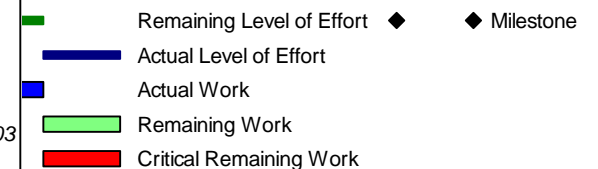
Project Start: 12-Feb-09

Project Finish: 26-Apr-17

Data Date: 26-Apr-14

**RPC-006 South Westminster Station**

Note: Total Float based on Proposed Revised Baseline Schedule CDRL9-10.003





**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.08)  
CDRL CA-105.055A  
Change Report (RPC-037F-Phase 2.CAP)**

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**1. Scope – Details of the proposed implementation of Concessionaire Proposed Change, RTD Proposed Change or Relief Notice (CA Sections 36.1(c)(i) and (ii), 36.3(e)(i), and 38.2(c)(i) (each, as applicable))**

Summary of the Work:

**Design/Build:** This Change Report and associated pricing is for DTP to provide all remaining construction services not previously included in MoR 62F1 (RPC-37F Phase 1) to complete the installation of the inbound and outbound side platforms for 61<sup>st</sup> and Pena Station as detailed in the Issued for Construction drawings CDRL # 7B-09.03F, (Aconex # EAST-RTD-CFL-000025, included herein by reference). Aviation has requested the delivery of this work in Phases, with phase 2 containing the balance of the station platform elements not included in Phase 1. This Change Report addresses the Phase 2 elements.

Capital Construction Phase 2: The following station platform elements are included in the scope of this Change Report without limitation:

- Reestablishing the site after completion of construction to close SWPPP Permits.
  - Fabrication and installation of canopies (including prefabricated windbreak system and seat/bench system),
  - At-grade crossings at each end of the platform, excluding the work between the tactile warning strips which will be part of RPC-037E – Systems Construction (crossing panels, warning signs, lights/bells),
  - Platform edge rub strip,
  - Handrails and guardrails,
  - Pedestrian swing gates,
  - Illumination,
  - Platform static signs,
  - Trash receptacles,
  - Concrete coating,
  - Design Services During Construction (DSDC),
  - Graffiti removal during Design/Build Period,
  - Platform electrical (excluding embedded conduits included in Phase 1), and
  - Capital Phase 2 management services for DTP, DTS, DTC, and DTO.
- Excluded from this Change Report are:
- Public Involvement – This change excludes the necessity for any additional door hangers, email, flyers other or written notifications specific to station. In addition, this change exclude any updates to project materials which would be required as a result of this stations, including





**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.08)**  
**CDRL CA-105.055A**  
**Change Report (RPC-037F-Phase 2.CAP)**

but not limited to: Google flyover update, DTP and FastTracks web updates, and graphics updates to Eagle Project Maps.

**Operations and Maintenance:** There is no Operations and Maintenance component included with this Change Report. All O&M services are included in the RPC 037F, Phase 2 O&M Change Report.

**Scope Assumptions and Conditions:**

The scope of work described in Section 1 of this Change Report and the Price provided in Section 2 and Schedule Impacts described in Section 3 are contingent upon the following Assumptions and Conditions:

- RPC 037F Phase 2 does not require DTP to provide passenger service or stop the train at this station. Any costs and impacts associated with incorporating a train stop at this station into the DTP operating plan are excluded from this RPC and will be addressed through a subsequent RPC-037G.
- The price of this change was based upon reasonable access provided at no cost. Reasonable access will be provided at no cost from DIA and the developer.
- NTP is provided for this work no later than April 26, 2014.
- All plaza and transition plaza work is excluded from this RTD Proposed Change.
- Permanent modifications to the Blue Grama Pond, excluding construction of the western platform, is excluded from the scope of this change.
- DTP is not responsible for coordination, cost or placement of the transformer by Xcel Energy.
- DTP excludes all tap fees and costs to bring potable water to the station. Such water service will be provided by others to a connection point within 10-20 LF of the eastern platform.
- All work will be performed under DTP's established Quality program. Any additional quality testing or reporting not required by the Concession Agreement, including DTP's Quality program, is not included within this Change Report.
- The scope of this change excludes the required runoff water quality treatment system and/or water detention requirements. The platform storm system will be connected to the plaza system (provided by others) within 10 to 20 LF of



**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.08)  
CDRL CA-105.055A  
Change Report (RPC-037F-Phase 2.CAP)**

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the northbound platform. Design of the required water quality treatment system for the station platforms and pedestrian at grade crossing was excluded from DTP's scope of work. The responsibility for design, permitting and construction of the water quality system that the station platform drainage will drain to is the responsibility of DIA and/or DIA's developer. This responsibility includes obtaining required approvals, if any, that will allow construction of the platform drainage system within the CRT ROW in advance of obtaining approvals to or constructing the balance of the water quality system. The price and schedule impacts identified within this Change Report is based on the assumption Phase 2 construction can occur in advance of the permitting of the water quality system.

Reference Documents:

Aconex Official Letter RTD-OFLTR-000429 – EAGLE PROJECT CONTRACT NO. 18FH012 – Re: Proposal to Initiate the Interim Design for the Gateway Station

Aconex Official Letter RTD-OFLTR-000500 – Aviation Station Operations and Maintenance Clarification

Aconex Transmittal RTD-TRN-015252 – CDRL CA-111.088: Memorandum of Relief MoR 62D for RPC 037D Aviation Station Task D Platform Design

Aconex Official Letter RTD-OFLTR-000546 – Aviation Station

Aconex Transmittal DTP-TRN-011230 – CDRL CA-105.049A, RTD Proposed Change No. 37F.CAP & CDRL CA-105.049B, RTD Proposed Change No. 37F.O&M, 61<sup>st</sup> and Pena Station Platform Construction – DTP Perform

Aconex Transmittal DTP-TRN-011454 – CDRL 7B-09.03F: Station Design Documentation – EC3F 61<sup>st</sup> & Pena Station – For RTD Review

Aconex Official Letter RTD-OFLTR-000580 – Aviation Station – RPC 37 Letter of assurance

Aconex Transmittal RTD-TRN-018145 – Memorandum of Relief MoR 62F1 for RPC 037F Phase 1 of Aviation Station Task F Platform Construction



61<sup>st</sup> and Pena Station Platform Construction (TSI-254.08)  
CDRL CA-105.055A  
Change Report (RPC-037F-Phase 2.CAP)

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Aconex Official Letter RTD-OFLTR-000615 – RTD Proposed Change No. 37F,  
Aviation Station Platform Construction Phase 2

**2. Pricing Summary – Additional Costs (CA Sections 36.1(c)(iii), 36.3(e)(ii) and 36.3(e)(iii), 38.2(c)(ii) (each, as applicable))**

This Change Report includes a fixed price of \$2,909,876 for all Incurred Costs for construction services during the Design/Build Period and an aggregate fixed price, in 2010 Dollars, of \$0 for all costs for operations and maintenance services during the Operating Period, as further detailed in Appendix 2. These fixed prices include all Incurred Costs associated with this RPC. The fixed price is based upon the Work identified in Section 1 above.

The construction Incurred Costs will be incorporated into the Construction Payments, the WBS Pricing Form, the Schedule of Values, and the Revised Baseline Schedule during the first monthly update following the execution of the applicable MoR and Earned Value will be recorded as appropriate.

Incorporation of Incurred Costs into the Construction Payments and/or Service Payments, as applicable, does not infringe upon the Bond Proceeds raised to generally fund the Eagle Project. DTP has no obligation to fund this change.

DTP confirms that the Incurred Costs defined in Appendix 2 reflect any projected increases or decreases in the cost of operation; maintains the Equity IRR; reflects any required changes to the Designated Credit Agreements; and reflects any change to the risk profile of the Eagle Project.

**3. Schedule – Time Impacts (CA Sections 36.1(c)(iii), 36.3(e)(iv), 38.2(c)(iii) (each, as applicable))**

The Work described in Section 1, above, has been scheduled as shown in Appendix 4. This RPC does not impact the Revenue Service Target Date and/or Final Completion Date for the Eagle Commuter Rail Project if NTP is provided by April 26, 2014.

**4. Permits (CA Sections 36.1(c)(iii), 36.3(e)(v), 38.2(c)(ii) (each, as applicable))**



**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.08)**  
**CDRL CA-105.055A**  
**Change Report (RPC-037F-Phase 2.CAP)**

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RTD is responsible for any required modifications to RTD Permits. DTP will obtain all other Permits required with the agreed upon cooperation and coordination of DIA or the developer if required.

**5. Impact to Obligations of the Concessionaire (CA Sections 36.1(c)(iii), 36.3(e)(vi), 38.2(c)(iii) (each, as applicable))**

The Design/Build Contract will be amended to reflect the change in obligations under the Project Agreements resulting from this Change.

**6. Subcontractors ((CA Sections 36.1(c)(iii) and 36.3(e)(vii) (each, as applicable))**

DTP will utilize subcontractors during the execution of this change. These include at a minimum Denver Transit Constructors, F/HDR Global Design Services, Alcam, and Dynalectric.

**7. Impacts on the Availability Ratio or Performance Deductions (CA Sections 36.1(c)(iii), 36.3(e)(viii), 38.2(c)(iv) (each, as applicable))**

There will be no long-term increase or decrease in the Availability Ratio or Performance Deductions.

**8. Further Effects or Benefits (CA Sections 36.1(c)(iii), 36.3(e)(ix), 38.2(c)(ii) (each, as applicable))**

There are no further impacts resulting from this change.

**9. Impact on DBE/SBE Goals (CA Sections 36.1(c)(iii), 36.3(e)(x) (each, as applicable))**

Achievement of the DBE/SBE Goals set forth in the Concession Agreement will not be impacted by this change.



**61<sup>st</sup> and Pena Station Platform Construction (TSI-254.08)**  
**CDRL CA-105.055A**  
**Change Report (RPC-037F-Phase 2.CAP)**

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Appendix 1 – CDRL 7B-09.03F, Issued for Construction: Station Design Documentation - EC3F 61st & Pena Station - IFC Submittal (by reference)

Appendix 2 – Pricing Summary

Appendix 3 – Revised Table 3 *Base Annual Service Payments* (per CA Amendment No. 2) (*as applicable for Service Payments*) N/A

Appendix 4 – Cost Loaded Schedule Fragnet

### Capital Costs

#### RPC-037F Platform Construction - Phase 2 - Capital

		Cost	Mark-up	Total
Concessionaire	DTP - Grand Total	\$ 2,775,034	\$ 134,842	\$ 2,909,876
	DTP - Credit for Deleted Work	\$ -	\$ -	\$ -
Concessionaire	DTP	\$ 2,775,034	\$ 134,842	\$ 2,909,876
	DTP direct	\$ 5,145	\$ 386	\$ 5,531
	Project subcontractors	\$ 2,689,111	\$ 134,456	\$ 2,823,567
	Project Contractors direct	\$ 29,024	\$ -	\$ 29,024
	Project Contractors mark ups on immediate subcontractors	\$ 51,754	\$ -	\$ 51,754

		Cost	Mark-up	Total
Project Contractor	DTS	\$ 2,711,033	\$ 53,201	\$ 2,764,234
	DTS direct (10% Mark-up)	\$ 7,009	\$ 701	\$ 7,710
	Ltr of Credit (5% Mark-up)	\$ 14,913	\$ 746	\$ 15,659
	Subtotal of DTS Directs	\$ 21,922	\$ 1,447	\$ 23,369
	DTC direct (5% Mark-up)	\$ 1,035,080	\$ 51,754	\$ 1,086,834
	DTC Subs (0% Mark-up)	\$ 1,654,031	\$ -	\$ 1,654,031

		Cost	Mark-up	Total
Subcontractor to Project Contractor	DTC	\$ 2,519,042	\$ 170,069	\$ 2,689,111
	DTC direct (10% Mark-up)	\$ 630,800	\$ 63,080	\$ 693,880
	DTC ODC (5% Mark-up)	\$ 812	\$ 41	\$ 853
	DTC conting (10% Mark-up)	\$ 281,852	\$ 28,185	\$ 310,037
	DTC Bond (0% Mark-up)	\$ 30,310	\$ -	\$ 30,310
	Subtotal of DTC Directs	\$ 943,774	\$ 91,306	\$ 1,035,080
	Sub costs (5% Mark-up)	\$ 1,575,268	\$ 78,763	\$ 1,654,031

		Cost	Mark-up	Total
Sub-subcontractor	Subcontractors	\$ 1,575,268	\$ -	\$ 1,575,268
	Sub's - Lump Sum Price	\$ 1,575,268	\$0 override	\$ 1,575,268

#### DTP - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTP Direct Costs</b>						
LTA Review Costs	HRS	8	\$ 320.30	\$ 2,562		
					5% Mark-up	
				<b>SUBTOTAL "DTP direct (5% Mark-up)"</b>	\$ 128	\$ 2,690

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTP - Labor</b>						
Quality Assurance	LS	0.4	\$ 4,038.66	\$ 1,615		
Change Report Review	LS	1	\$ 966.97	\$ 967		
					10% Mark-up	
				<b>SUBTOTAL "DTP direct (5% Mark-up)"</b>	\$ 258	\$ 2,840

#### DTS - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS Direct Costs</b>						
Letter of Credit Annual Fees (6% of DTS Total Price)(1.5% x 4 yrs)	%	6.0%	\$ 165,214.50	\$ 9,913		
Legal Fees - Orrick	LS	1	\$ 5,000.00	\$ 5,000		
					5% Mark-up	
				<b>SUBTOTAL "DTS direct (5% Mark-up)"</b>	\$ 746	\$ 15,659

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTS Additional Staff</b>						
DTS - Change Report	LS	1	\$ 6,774.57	\$ 6,775		
DTS - Staff ODC	LS	1	\$ 234.00	\$ 234		
					10% Mark-up	
				<b>SUBTOTAL "DTS direct (10% Mark-up)"</b>	\$ 701	\$ 7,710

#### DTC - Cost Details

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
Maintain Erosion Control	MO	3	\$ 3,719.00	\$ 11,157		
Replace Chainlink Fence	LF	675	\$ 10.74	\$ 7,250		
Remove Access Road / Grade Site	LS	1	\$ 9,862.00	\$ 9,862		
Stabilize/ Reseed	Acre	1.5	\$ 3,900.00	\$ 5,850		
Railroad Flagging (CRT)	WK	12	\$ 3,782.50	\$ 45,390		
Rub Rail	LF	740	\$ 20.00	\$ 14,800		
Type 1 Handrail	LF	138	\$ 160.00	\$ 22,080		
Type 2 Handrail / guardrail	LF	154	\$ 266.00	\$ 40,964		
Type 3 Guardrail	LF	1,108	\$ 256.00	\$ 283,648		
Pedestrian Swing Gates - 90 degree	EA	10	\$ 3,500.00	\$ 35,000		
Pedestrian Swing Gates - 180 degree	EA	10	\$ 3,500.00	\$ 35,000		
Furnish and Install Trash Recepticles	EA	6	\$ 3,200.00	\$ 19,200		
Furnish and Install Platform Static Signs	LS	1	\$ 30,250.00	\$ 30,250.00		
Wesdt Platform gutter	LF	370	\$ 30.00	\$ 11,100		
Adjust height of 8" Drainline	LS	1	\$ 20,000.00	\$ 20,000		
				<b>Subtotal</b>		\$ 591,551

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Estimate and Change Report</b>						
DTC - Estimate and Change Report	LS	1	\$ 19,243.00	\$ 19,243		
				<b>Subtotal</b>		\$ 19,243

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Survey</b>						
Survey Party	LS	1	\$ 20,005.76	\$ 20,006		
				<b>Subtotal</b>		\$ 20,006
					10% Mark-up	
				<b>SUBTOTAL "DTC direct (10% Mark-up)"</b>	\$ 63,080	\$ 693,880

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Other Direct Costs</b>						
DTC-Staff ODC	LS	1	\$ 812.00	\$ 812		
				<b>Subtotal</b>		\$ 812
					5% Mark-up	
				<b>SUBTOTAL "DTC direct (10% Mark-up)"</b>	\$ 41	\$ 853

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Subcontractors</b>						
Kleinfelder	LS	1	\$ 80,163.29	\$ 80,163		
Furnish and Install Canopies	EA	8	\$ 122,996.00	\$ 983,968		
Concrete Coating	LS	1	\$ 20,000.00	\$ 20,000		
Station Electric	LS	1	\$ 472,601.98	\$ 472,602		
F/HDR Design Services During Const.	LS	1	\$ 18,535.00	\$ 18,535		
					5% Mark-up	
				<b>SUBTOTAL "DTC Subcontractors (5% Mark-up)"</b>	\$ 78,763	\$ 1,654,031

**Total - DTC Directs, Subs, & Mark-ups \$ 2,348,764**

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Contingency</b>						
Contingency	%	12%	\$ 2,348,764.00	\$ 281,852		
					10% Mark-up	
				<b>SUBTOTAL "DTC - Contingency" (10% Mark-up)"</b>	\$ 28,185	\$ 310,037
				<b>Total - DTC Directs, Subs, Mark-ups, &amp; Contingency</b>		\$ 2,658,801

Description	Units	Qty	Unit Rate	Amount	Mark-up	Total
<b>DTC - Bonds</b>						
Bond (Direct Cost + Subs + Mark-ups)	%	1.14%	\$ 2,658,801.00	\$ 30,310		
					0% Mark-up	
				<b>SUBTOTAL "DTC direct (0% Mark-up)"</b>	\$ -	\$ 30,310

**DTC GRAND TOTAL PRICE \$ 2,689,111**



Activity ID	Activity Name	Original Duration	Total Float	Start	Finish	Cost	Location	Asset	SCC	DTP-PRICIN FORM	2014		
											Q2	Q3	Q4
<b>Eagle Project - Denver, Colorado, DTP 04/14, RPC-037E&amp;F Phase 2 Aviation Stat</b>		149	357	28-Apr-14	25-Nov-14	\$2,909,876.00							
<b>East Corridor</b>		149	357	28-Apr-14	25-Nov-14	\$2,909,876.00							
<b>Segment 5 - EC 762+96 to 986+38</b>		149	357	28-Apr-14	25-Nov-14	\$2,909,876.00							
N of First Creek Bridge to and incl Tower Rd Xing - E5H													
STA15-RPC37F2-BK	RPC-037F2 - Aviation Station Platform Phase 2 - Bond	5	88	28-Apr-14	02-May-14	\$30,310.00	EC.X	I.0.032	40.08	F11.O.01.07			
STA15-RPC37F2-CI	RPC-037F2 - Aviation Sta Platform Phase 2 - Change Development/Design Oversight	0	496	05-May-14	05-May-14	\$24,345.00	EC.X	G	80.02	F11.O.01.05			
STA15-RPC37F2-CI	RPC-037F2 - Aviation Sta Platform Phase 2 - Change Development/Design Oversight - DTO	0	496	05-May-14	05-May-14	\$5,655.00	EC.X	G	80.02	F11.O.01.05			
STA15-50-B354	RPC-037F2 - Furnish Canopies - Both Platforms - Aviation Sta	30	73	27-May-14	08-Jul-14	\$360,000.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-RPC37F2-CI	-LOE- RPC-037F2 - Aviation Sta Platform Phase 2 - Design Services During Construction	106	380	27-May-14	23-Oct-14	\$40,000.00	EC.X	G	80.02	F11.O.01.05			
STA15-44-B310	RPC-037F2 - Install Rub Rail - Both Platforms - Aviation Sta	3	404	08-Sep-14	10-Sep-14	\$30,026.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-50-B110	RPC-037F2 - Install Canopy Frames - Both Platforms - Aviation Sta	12	31	08-Sep-14	23-Sep-14	\$500,000.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-50-B344	RPC-037F2 - Install Canopy Finishes - Both Platforms - Aviation Sta	12	380	24-Sep-14	09-Oct-14	\$500,000.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-50-B334	RPC-037F2 - Install Light Poles - Both Platforms - Aviation Sta	5	94	24-Sep-14	30-Sep-14	\$250,633.00	EC.X.S.I	N.3	40.02	F11.S.07.06			
STA15-52-B336	RPC-037F2 - Install Lighting @ Canopies - Both Platforms - Aviation Sta	4	95	24-Sep-14	29-Sep-14	\$245,000.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-60-B322	RPC-037F2 - Install Trash Receptacles - Both Platforms - Aviation Sta	2	383	10-Oct-14	13-Oct-14	\$30,000.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-60-B326	RPC-037F2 - Install Way Finding Signs - Both Platforms - Aviation Sta - DTP	3	382	10-Oct-14	14-Oct-14	\$59,313.00	EC.X.S.I	R.4	50.05	F11.S.07.12			
STA15-60-B328	RPC-037F2 - Install Info/Safety Signs - Both Platforms - Aviation Sta	5	380	10-Oct-14	16-Oct-14	\$30,000.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-60-B515	RPC-037F2 - Finish / Touchup Coatings - Both Platforms - Aviation Sta	5	380	17-Oct-14	23-Oct-14	\$29,250.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-60-B520	RPC-037F2 - Install Final Signage - Both Platforms - Aviation Sta	5	380	17-Oct-14	23-Oct-14	\$29,250.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-60-B210	RPC-037F2 - Install Handrails - Both Platforms - Aviation Sta	10	66	27-Oct-14	07-Nov-14	\$326,797.00	EC.X.S.I	S.1	20.01	F11.S.07.01			
STA15-60-B530	RPC-037F2 - Install Ped Swing Gates @ Grade Crossings- Both Platforms - Aviation Sta - D	5	70	27-Oct-14	31-Oct-14	\$155,797.00	EC.X.S.I	R.4	50.05	F11.S.07.12			
STA15-24-B520	RPC-037F2 - Ped/bike access & accomodation, landscaping - Aviation Sta	22	357	27-Oct-14	25-Nov-14	\$184,000.00	EC.X.S.I	N.5	40.06	F11.S.07.08			
STA15-24-B510	RPC-037F2 - Test Grounding to all Structures - Both Platforms - Aviation Sta	5	66	10-Nov-14	14-Nov-14	\$79,500.00	EC.X.S.I	N.3	40.02	F11.S.07.06			

Activity ID	Activity Name	Original Duration	Start	Finish	Cost	Location	Asset	SCC	Budgeted Cost	2014		
										Q2	Q3	Q4
<b>Total</b>		149	28-Apr-14	25-Nov-14	\$2,909,876.00					\$400,310.00	\$1,293,992.33	\$1,215,573.67
<b>DTP-PRICING FORM: F11 Form 11: City and County of Denver Contributions</b>		149	28-Apr-14	25-Nov-14	\$2,909,876.00					\$400,310.00	\$1,293,992.33	\$1,215,573.67
<b>DTP-PRICING FORM: F11.S Station Elements</b>		129	27-May-14	25-Nov-14	\$2,809,566.00					\$300,000.00	\$1,293,992.33	\$1,215,573.67
<b>DTP-PRICING FORM: F11.S.07 Aviation Station</b>		129	27-May-14	25-Nov-14	\$2,809,566.00					\$300,000.00	\$1,293,992.33	\$1,215,573.67
<b>DTP-PRICING FORM: F11.S.07.01 At-grade station, stop, shelter, mall, terminal, platform</b>		117	27-May-14	07-Nov-14	\$2,080,323.00					\$300,000.00	\$1,043,359.33	\$736,963.67
STA15-60-B322	RPC-037F2 - Install Trash Receptacles - Both Platforms - Aviation Sta	2	10-Oct-14	13-Oct-14	\$30,000.00	EC.X.S.060	S.1	20.01				\$30,000.00
STA15-44-B310	RPC-037F2 - Install Rub Rail - Both Platforms - Aviation Sta	3	08-Sep-14	10-Sep-14	\$30,026.00	EC.X.S.060	S.1	20.01			\$30,026.00	
STA15-52-B336	RPC-037F2 - Install Lighting @ Canopies - Both Platforms - Aviation Sta	4	24-Sep-14	29-Sep-14	\$245,000.00	EC.X.S.060	S.1	20.01			\$245,000.00	
STA15-60-B328	RPC-037F2 - Install Info/Safety Signs - Both Platforms - Aviation Sta	5	10-Oct-14	16-Oct-14	\$30,000.00	EC.X.S.060	S.1	20.01				\$30,000.00
STA15-60-B515	RPC-037F2 - Finish / Touchup Coatings - Both Platforms - Aviation Sta	5	17-Oct-14	23-Oct-14	\$29,250.00	EC.X.S.060	S.1	20.01				\$29,250.00
STA15-60-B520	RPC-037F2 - Install Final Signage - Both Platforms - Aviation Sta	5	17-Oct-14	23-Oct-14	\$29,250.00	EC.X.S.060	S.1	20.01				\$29,250.00
STA15-60-B210	RPC-037F2 - Install Handrails - Both Platforms - Aviation Sta	10	27-Oct-14	07-Nov-14	\$326,797.00	EC.X.S.060	S.1	20.01				\$326,797.00
STA15-50-B110	RPC-037F2 - Install Canopy Frames - Both Platforms - Aviation Sta	12	08-Sep-14	23-Sep-14	\$500,000.00	EC.X.S.060	S.1	20.01			\$500,000.00	
STA15-50-B344	RPC-037F2 - Install Canopy Finishes - Both Platforms - Aviation Sta	12	24-Sep-14	09-Oct-14	\$500,000.00	EC.X.S.060	S.1	20.01			\$208,333.33	\$291,666.67
STA15-50-B354	RPC-037F2 - Furnish Canopies - Both Platforms - Aviation Sta	30	27-May-14	08-Jul-14	\$360,000.00	EC.X.S.060	S.1	20.01		\$300,000.00	\$60,000.00	
<b>DTP-PRICING FORM: F11.S.07.06 New Site Utilities</b>		38	24-Sep-14	14-Nov-14	\$330,133.00						\$250,633.00	\$79,500.00
STA15-50-B334	RPC-037F2 - Install Light Poles - Both Platforms - Aviation Sta	5	24-Sep-14	30-Sep-14	\$250,633.00	EC.X.S.060	N.3	40.02			\$250,633.00	
STA15-24-B510	RPC-037F2 - Test Grounding to all Structures - Both Platforms - Aviation Sta	5	10-Nov-14	14-Nov-14	\$79,500.00	EC.X.S.060	N.3	40.02				\$79,500.00
<b>DTP-PRICING FORM: F11.S.07.08 Pedestrian/bike access and accomodation, landscaping</b>		22	27-Oct-14	25-Nov-14	\$184,000.00							\$184,000.00
STA15-24-B520	RPC-037F2 - Ped/bike access & accomodation, landscaping - Aviation Sta	22	27-Oct-14	25-Nov-14	\$184,000.00	EC.X.S.060	N.5	40.06				\$184,000.00
<b>DTP-PRICING FORM: F11.S.07.12 Communications</b>		16	10-Oct-14	31-Oct-14	\$215,110.00							\$215,110.00
STA15-60-B326	RPC-037F2 - Install Way Finding Signs - Both Platforms - Aviation Sta - DTP	3	10-Oct-14	14-Oct-14	\$59,313.00	EC.X.S.060	R.4	50.05				\$59,313.00
STA15-60-B530	RPC-037F2 - Install Ped Swing Gates @ Grade Crossings- Both Platforms - Aviation Sta - DTS	5	27-Oct-14	31-Oct-14	\$155,797.00	EC.X.S.060	R.4	50.05				\$155,797.00
<b>DTP-PRICING FORM: F11.O Other Project Costs</b>		21	28-Apr-14	27-May-14	\$100,310.00						\$100,310.00	
<b>DTP-PRICING FORM: F11.O.01 Other Project Costs</b>		21	28-Apr-14	27-May-14	\$100,310.00						\$100,310.00	
<b>DTP-PRICING FORM: F11.O.01.05 Final Design</b>		16	05-May-14	27-May-14	\$70,000.00						\$70,000.00	
STA15-RPC37F2-CHG10	RPC-037F2 - Aviation Sta Platform Phase 2 - Change Development/Design Oversight	0	05-May-14	05-May-14	\$24,345.00	EC.X	G	80.02			\$24,345.00	
STA15-RPC37F2-CHG20	RPC-037F2 - Aviation Sta Platform Phase 2 - Change Development/Design Oversight - DTO	0	05-May-14	05-May-14	\$5,655.00	EC.X	G	80.02			\$5,655.00	
STA15-RPC37F2-CHG30	-LOE- RPC-037F2 - Aviation Sta Platform Phase 2 - Design Services During Construction	1	27-May-14	27-May-14	\$40,000.00	EC.X	G	80.02			\$40,000.00	
<b>DTP-PRICING FORM: F11.O.01.07 Bond and Letter of Credit</b>		5	28-Apr-14	02-May-14	\$30,310.00						\$30,310.00	
STA15-RPC37F2-BOND	RPC-037F2 - Aviation Station Platform Phase 2 - Bond	5	28-Apr-14	02-May-14	\$30,310.00	EC.X	I.0.032	40.08			\$30,310.00	

Project Start: 12-Feb-09

Project Finish: 26-Apr-17

Data Date: 26-Apr-14

**RPC-006 South Westminster Station**

Note: Total Float based on Proposed Revised Baseline Schedule CDRL9-10.003

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone