

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT: **Engineering**

AGENDA DATE: **June 8, 2010**

CONTACT PERSON NAME AND PHONE NUMBER: **R. Alan Shubert, P.E., City Engineer X4423**

DISTRICT(S) AFFECTED: **1**

SUBJECT:

That the City Council approves the expenditure of additional available funding in the amount of fifty nine thousand four hundred fifteen and 00/100 dollars (\$59,415.00) to Arrow Building Corporation for additional construction costs of the Glory Road Transit Terminal. Change Order 9 provides for labor, materials and equipment for removal and relocation of the existing driveway for the Shoppes at Glory Road, , adding no days of contract time [change order number 9] for Contract Number 2009-145. The new contract sum, including change order 9, is nine million two hundred ninety two thousand nine hundred eighty and 72/100 dollars (\$9,292,982.72).

BACKGROUND / DISCUSSION:

The driveway relocation is necessary in order to provide safe and unobstructed access to pedestrians once the Glory Road Terminal Parking Garage is open. The parking garage will include retail spaces next to the alley which was previously vacated to be utilized for pedestrians' access only.

PRIOR COUNCIL ACTION:

City Council approved a Developer Participation Agreement with El Paso Glory Road, LLC June 24, 2008 in which the City would relocate the developer's driveway that was vacated for construction of the Glory Road Transit Terminal. City Council and the Mass Transit Board approved the construction award of Glory Road Transit Terminal June 2, 2009.

AMOUNT AND SOURCE OF FUNDING:

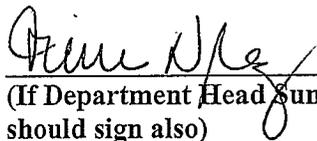
2009 Certificates of Obligation

BOARD / COMMISSION ACTION:

N/A

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:



(If Department Head Summary Form is initiated by Purchasing, client department should sign also)

Information copy to appropriate Deputy City Manager

RESOLUTION

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO

That the City Council approves the expenditure of additional available funding in the amount of fifty nine thousand four hundred fifteen and 00/100 dollars (\$59,415.00) to Arrow Building Corporation for additional construction costs of the Glory Road Transit Terminal. Change Order 9 provides for labor, materials and equipment for removal and relocation of the existing driveway for the Shoppes at Glory Road, adding no days of contract time [change order number 9] for Contract Number 2009-145. The new contract sum, including change order 9, is nine million two hundred ninety two thousand nine hundred eighty two and 72/100 dollars (\$9,292,982.72).

ADOPTED THIS _____ DAY OF _____, 2010.

THE CITY OF EL PASO:

John F. Cook, Mayor

ATTEST:

Richarda Duffy Momsen, City Clerk

APPROVED AS TO FORM:



Mark Shoesmith
Assistant City Attorney

APPROVED AS TO CONTENT:



for R. Alan Shubert, P.E.
City Engineer

**CITY OF EL PASO ENGINEERING DEPARTMENT
CONTRACT CHANGE ORDER**

DATE: 4/23/2010
 PROJECT: GLORY ROAD TRANSIT TERMINAL
 TO (Contractor): ARROW BUILDING CORPORATION

CHANGE ORDER NO.: 9
 SCOPE CHANGE CONSTRUCTION CHANGE
 BID NO.: 2009-145
 DEPT. ID#: ~~60600044~~ 14400100
 PROJ/GRANT/USER: PCP09MT003
 FUND: 14744 27265
 ACCOUNT: 508027
 PO NO.: 2009003367

You are directed to make the following changes to this Contract:

Justification:
 Provide labor, materials, and equipment for removal and relocation of existing driveway for the Shoppes at Glory Road

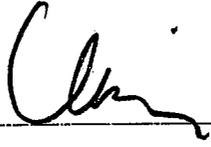
Attachments: Problem/Solution Rationalization
 Contractor's Cost Proposals

CHANGE ORDER AMOUNT : 59,415.00

| | |
|---|---|
| Original Contract Sum | 8,994,000.00 |
| Net Change by previous Change Orders | 239,567.72 |
| Net Change by previous Construction Quantity Notices | 0.00 |
| Contract Sum prior to this Change Order | 9,233,567.72 |
| Contract Sum will be (increased) (decreased) (unchanged) | By this Change Order 59,415.00 |
| New Contract Sum, including this Change Order | 9,292,982.72 |
| Total Net Value of Change Orders To Date | 298,982.72 |
| Total Net Value of Construction Quantity Notices to Date | 0.00 |
| Contract Time will be (increased) (decreased) (unchanged) | BY (0) DAYS* Original Contract Days: 475 |
| | Days by Previous and Current Change Order: 54 |
| | Total Days: 529 |

* Subject to the terms of the Contract, GENERAL CONDITIONS, SECTION 2.5

Net Change Order and Construction Quantity Notice Percentage (Not to exceed 25%) 3.32%

| | |
|--|--|
| CONTRACTOR | CITY OF EL PASO |
| ARROW BUILDING CORPORATION | CITY COUNCIL ACTION REQUIRED: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes _____ Date Approved |
| By:  DAVID DIAZ V.P. Type of Print Name | By:  R. Alan Shubert, P.E. City Engineer 5/3/10 Date |
| Date: 4/27/2010 | Date: _____ |

GG 4/27/10 

**CITY OF EL PASO
REQUEST FOR CHANGE ORDER**

TO: Financial Services, Construction Bidding

FROM: Gilbert Guerrero

FIRM: City of El Paso Engineering

Phone No. 541-4107

DATE: April 19, 2010

RE: Project: Glory Road Transit Terminal

Bid No: 2009-145

Change Order No: 9

Please Indicate Type: Construction X Scope

Change in Contract Time: 0 Days

Change Order Amount: \$ 59,415.00

Please Indicate Action to PO: Increase X Decrease

Justification: Provide labor, materials, and equipment for removal and relocation of existing driveway away from the new pedestrian alley adjacent to the Glory Road Parking Garage.

Attachments: Problem/Solution Rationalization
Contractor's Cost Proposals

RECEIVED

APR 23 2010

Project Manager Recommends Approval:

Gilbert Guerrero

Date: 4/19/10

ENGINEERING DEPT.

CONTRACT COMPLIANCE

CONSTRUCTION CHANGE ORDER JUSTIFICATION

Date: April 19, 2010

RE: Glory Road Transit Terminal
Solicitation No.: 2009-145

Problem:

- (1) The City of El Paso is to remove and relocate the existing driveway at the alley between the Shoppes at Glory Road and new Glory Road Terminal Garage. Work includes demolition and replacement of asphalt, concrete driveway, curb, landscape & irrigation, retaining wall and metal rail.

Total Cost \$ 59,415.00

Project Manager Recommends Approval:

 **Date:** 4/19/10



Arrow Building Corporation • 6095 Surety Drive • El Paso, Texas 79905
(915) 778-1147
FAX (915) 778-5123
www.arrowbldg.com

April 16, 2010

Mr. Mel Herrera
ECM International, Inc.
404 Executive Center Blvd.
El Paso, Texas 79902

Re: Glory Road Transit Terminal and Parking Garage

Dear Mr. Herrera,

We propose to provide labor, materials, and equipment for revisions to the driveway on the adjacent property per drawings by Quantum Engineering for the sum of \$ 59,415.00.

Sincerely,
Arrow Building Corporation

A handwritten signature in black ink, appearing to read "David Diaz", written over a horizontal line.

David Diaz
Vice President

ARROW BUILDING CORPORATION
SUMMARY SHEET

04/16/2010
08:25:03 AM

ESTIMATE: Driveway
BID DATE:

| DESCRIPTION | LABOR | MATERIAL | SUBCONTRACT | | TOTAL |
|----------------------------|-------|----------|-------------|----------|--------|
| 0100 General Cond | 2,651 | 3,008 | 0 | 10.0% | 5,659 |
| 0210 Temp Facilities | 560 | 1,200 | 0 | A | 1,760 |
| 0210 Demolition | 0 | 0 | 0 | See 0300 | 0 |
| 0220 Dirtwork&Paving | 0 | 0 | 6,750 | ATSS | 6,750 |
| 0280 Landscaping | 0 | 0 | 1,526 | Martinez | 1,526 |
| 0300 Concrete / Demolition | 0 | 5,940 | 24,695 | P&A | 30,635 |
| 0340 Precast Concrete | 112 | 100 | 0 | A | 212 |
| 0440 Stonework | 0 | 0 | 330 | A | 330 |
| 0550 Misc Steel | 526 | 5,370 | 0 | A | 5,896 |
| | 3,849 | 15,618 | 33,301 | | 52,768 |
| 1700 Sales Tax | 0 | 1,288 | 0 | | 1,288 |
| | 3,849 | 16,906 | 33,301 | | 54,056 |
| 1800 Permit EP | 0 | 0 | 0 | | 0 |
| 1800 TDL&R | 0 | 0 | 0 | | 0 |
| 1900 Insurance | 0 | 1,030 | 0 | | 1,030 |
| 1904 Bond Premiums | 0 | 1,500 | 0 | | 1,500 |
| | | Adv | Exp | | 56,586 |
| 2500 OH&P | 5.00% | 0 | 0 | | 2,829 |
| | | | | | 59,415 |
| 1700 GR Tax | 0.00% | | | | 0 |
| TOTAL ESTIMATE | | | | | 59,415 |

PROJECT INPUT/INFORMATION

| | | |
|-----------------|-------------|---------------------------|
| BASE TOTAL | 59,415 \$ | % of Cost |
| ESTIMATE | 60,000 \$ | 10.00% GENERAL CONDITIONS |
| CONSTR DURATION | 1.00 MONTHS | 5.00% OH&P |
| TOTAL BLDG | 2,250 SF | 15.00% OH&P TOTAL |
| CHECK | 26.41 \$/SF | 1.82% INSURANCE |
| | | 2.65% BONDS |

0440 Stonework

| | | | | | | | | |
|---------------|--------|------|-------|------|----------|--------|---------|------|
| | sub | | | | | | | Adv |
| A | 0 | | | | | | | 0 |
| Other | | | | | | | | Bond |
| Other | | | | | | | | 0.0% |
| Other | | | | | | | | |
| | Ext | Unit | Labor | Unit | Material | Unit | Subcont | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| perch | 3 | | 0 | | 0 | 110.00 | 330 | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| \$/unit | 110.00 | | | | | | | |
| Payroll Taxes | 12.00% | | 0 | | | | | |
| \$/SF | 0.15 | | | | | | | |
| comparison# | 330 | | 0 | | 0 | | 330 | |

0550 Misc Steel

| | | | | | | | | |
|---------------|--------|-------|-------|--------|----------|------|---------|------|
| | sub | | | | | | | Adv |
| A | 0 | | | | | | | 0 |
| Other | | | | | | | | Bond |
| Other | | | | | | | | 0.0% |
| Other | | | | | | | | |
| | Ext | Unit | Labor | Unit | Material | Unit | Subcont | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| Pipe Rail | 45 | 10.00 | 450 | 100.00 | 4,500 | | 0 | |
| Flume Cover | 2 | 10.00 | 20 | 60.00 | 120 | | 0 | |
| Door | 6 | | 0 | 125.00 | 750 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| | | | 0 | | 0 | | 0 | |
| \$/unit | 101.32 | | | | | | | |
| Payroll Taxes | 12.00% | | 56 | | | | | |
| \$/SF | 2.39 | | | | | | | |
| comparison# | 5,370 | | 526 | | 5,370 | | 0 | |

DATE: 4/15/2010

BIDDER: ATSS JOB: Glory P.D.

ADDRESS: ESTIMATE NO.

INDIVIDUAL: PHONE: ADDENDA INCL.

BOND INCLUDED YES NO SALES TAX INCLUDED YES NO CITY STATE DELIVERED INSTALLED YES NO UNLOADED FOB CARS YES NO

Table with 3 columns: SPEC. SEC. NO., WORK, AMOUNT. Row 1: 225 sq @ 30 PAVING, 6,750.00

INCLUDES:

EXCLUDES:

P&A Concrete Construction, Inc.

P.O. Box 3056
Canutillo, TX. 79835
(915) 877-3778

PROPOSAL

April 9, 2010

ATTN: David Diaz
To: Arrow Building Corp.
6095 Surety Dr.
El Paso, TX. 79905
Re: Drive Revisions for the Shops at Glory Road

Saw cut & demolish existing asphalt, driveway, sidewalk & concrete island, curbs & rock wall w/footings

Haul away all debris & excess dirt

Excavate footing (additional if rock & boulders)

#4 Rebar reinforcing @ 12" O.C.E.W.

Backfill & compaction

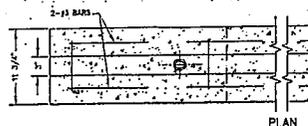
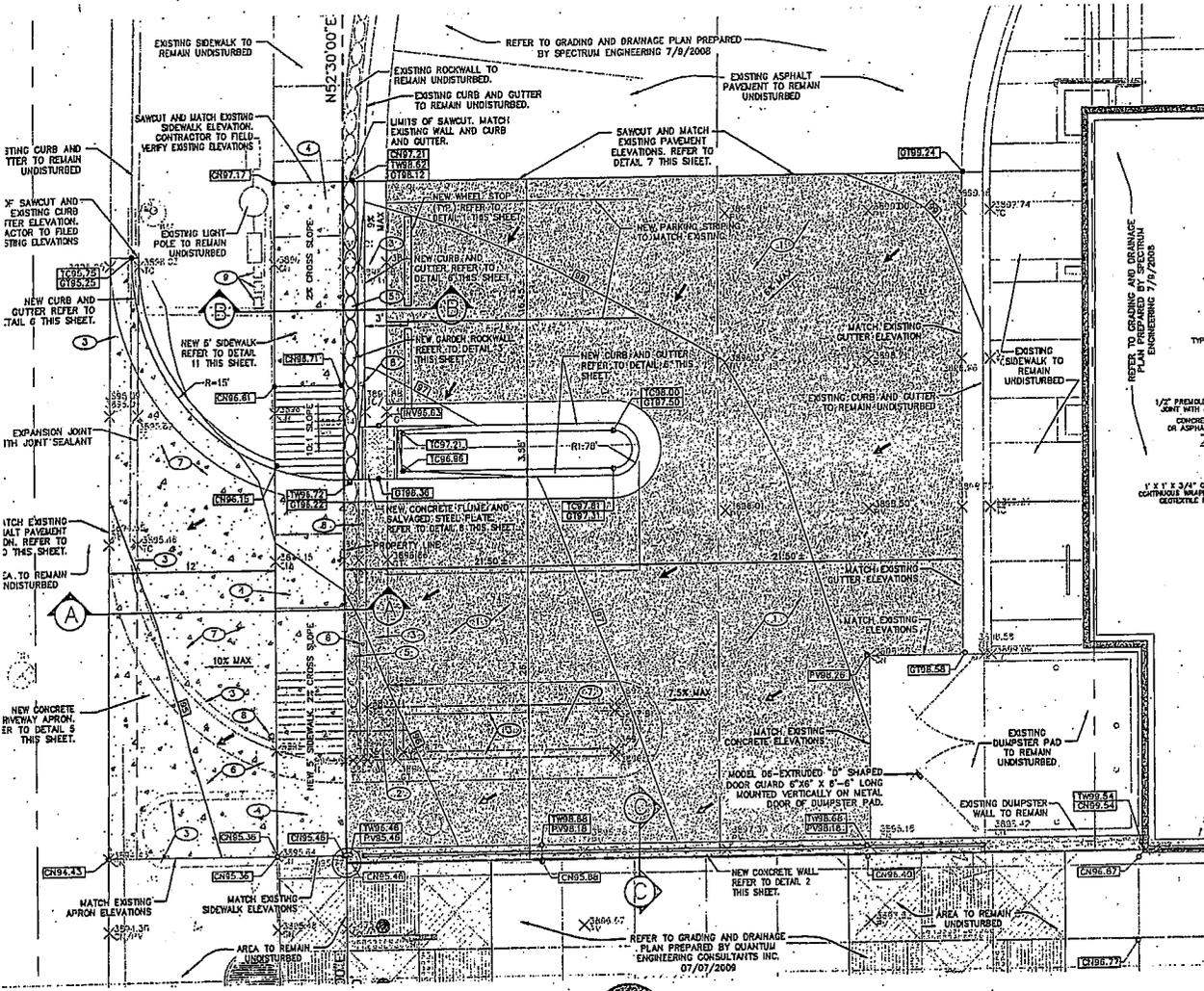
New concrete curb island w/ flume

New concrete driveway w/ reinforcing

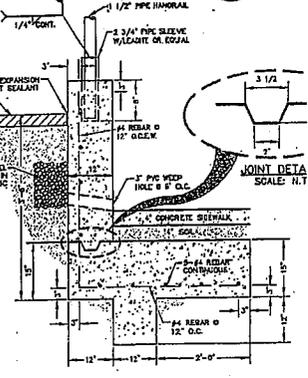
Sidewalk w/ handicap ramp

Exclusions: remove irrigation lines, Ready-Mix 3000 PSI, handrails & sleeves, lab testing, permits, rock wall, barricades, wheel stops, landscaping, storm water pollution control, Base material work for new paving.

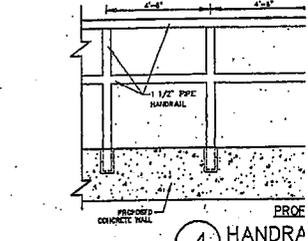
Amount: \$ 24,695.00



1 WHEEL
SCALE: N.T.S.

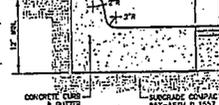
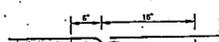


2 MODIFIED CONCRETE WALL SECTION "C-C"
SCALE: N.T.S.



5 TYPICAL DRIVEWAY SECTION "A-A"
SCALE: N.T.S.

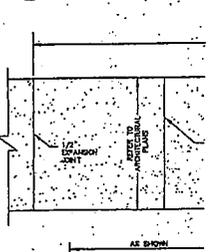
GRADING PLAN
SCALE: 1" = 5'



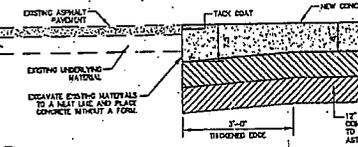
6 CONCRETE CURB & GUTTER DETAILS
SCALE: N.T.S.

- NOTES:
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI PER ACI 308.
 2. CONCRETE CURB, GUTTER, AND RETAINERS SHALL BE ASTM TYPE I.
 3. SAWCUT JOINT REQUIRED AT 10' O.C. FOR CURB & GUTTER AND 5' O.C. FOR SIDEWALK.
 4. EXPANSION MATERIAL REQUIRED AT CURB RETURN, WITH 1/2" PRELIMINARY EXPANSION JOINT MATERIAL OR EQUAL.
 5. SCHEDULE UNDER CURB MUST BE FORGED AND COMPACTED TO A MIN. OF 95% MAX. DENSITY AS PER ASTM D1557.
 6. EXPANSION JOINTS REQUIRED AT 10' O.C. WHEN FORMING FOR CURBS.
 7. EXPANSION JOINTS REQUIRED FOR SIDEWALK AT 20' O.C.

7 JUNCTION C AND EXISTING ASPHALT PAVEMENT
SCALE: N.T.S.



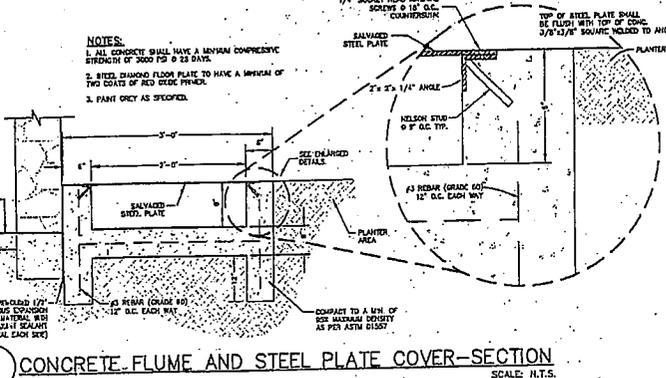
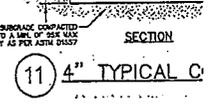
8 TYPICAL PAVEMENT SECTION
SCALE: N.T.S.



10 JUNCTION OF NEW CONCRETE AND EXISTING ASPHALT PAVEMENT
SCALE: N.T.S.



11 4" TYPICAL C
SCALE: N.T.S.



CONCRETE FLUME AND STEEL PLATE COVER-SECTION
SCALE: N.T.S.

- NOTES:
1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI & 28 DAYS.
 2. STEEL DIAGONAL FLOOR PLATE TO HAVE A MINIMUM OF TWO COATS OF RED OXIDE PRIMER.
 3. PAINT GREY AS SPECIFIED.



CONCRETE FLUME AND STEEL PLATE COVER-SECTION
SCALE: N.T.S.