



Complaint Form

CASE # 2017-7

(Please print or type)

(Additional pages may be added)

City of Santa Fe Ethics & Campaign Review Board

Date: August 10, 2017

- Name of person and/or group charged with alleged violation.
Keith Wilson and Dave Pfeifer
- Please explain briefly the nature of the alleged violation.
See Attachment "A"
- Please state which specific provision(s) or part(s) of the Code of Ethics or Election Code you believe have been violated.
1-7.3B and C SFCC 1987
- Please state the facts you have regarding the violations, including:
the date(s) July 24, 2017
the time(s) 1:30 pm
the place(s) Transit Center Conference Room - Rufina Street
people involved Keith Wilson, Dave Pfeifer, Casey Padilla, Leann Valdez, Daniel Fresquez
other facts Mayor's Committee on Disability Plan Review Subcommittee Meeting
- Are there any witnesses to the violation who are willing to confirm your charge? Please list with addresses, phone numbers and what they know.
Dave Chapman - 955-2012
- Attach documentation of actual evidence you have to support your complaint, to this form.
See Attachments "B" - "D"
- What is your name? Dave McQuarie
- Address? 2997 Calle Cerrada Zip Code: 87505-5393
- Telephone Number? 471-5785 Work: _____
- Email Address? N/A

Received on August 10, 2017

By Yolanda y. Wignio
City Clerk's Office

To the best of my knowledge, the above statements are true and complete.

Signature [Signature]

Subscribed and sworn to before me this 10th day of August, 2017.

(Seal)

Yolanda y. Wignio
Notary Public

Complaint Form

Dave McQuarie

2. Please explain briefly the nature of the alleged violation.

I gave advice on ADA compliance as per Section 3 of Santa Fe Resolution 2006-151. Some of the comments of compliance were met with remarks of obstruction or disregard regarding Bus Shelters Phase II – Installation.

I did cite two (2) elements of the 2010 ADA Compliance Guidelines. They are benches which is 903.3 and the layout of shelter sites according to 8.04.2 and 804.3.

Mr. Daniel Fresquez of the Governor's Commission on Disability repeated almost exactly the same thing I said but it seemed he was more accepted by Mr. Wilson than what I said. As a result, I confronted Mr. Wilson that this meeting was called for on my request so out of respect he should address me with his remarks and not other members that happen to say the same thing.

Overall this meeting was called for in response to my July 2, 2017 letter, attached. This letter specifically requested a complete list of proposed shelters, sign face detail and typical layout of bus shelter area. It turns out a complete list of bus shelters to be addressed by this project Phase II was not presented (at least they were not identified if they were Phase I or Phase II; they were just grouped together).

The typical layout of the shelter area was requested in order that arrangement of elements could be shown in respect to each other. This was not done.

On August 7, 2017 at Camino Carlos Rey/Alamosa reconstruction of a bus stop was ongoing. Why should we even bother to do an ADA compliance review?

Attachment "A"

MEMO

DATE: July 24, 2017
TO: Governing Body viz. Councilor Villarreal
FROM: Dave McQuarie, MCD Plan Review Sub-Committee Chair
RE: Santa Fe Trails Bus Shelters Phase 2 CIP Project # 665A – July 14, 2015

As per Resolution 2006-151, the above referenced project was reviewed by myself, Chair of the MCD Plan Review Sub-Committee, Keith Wilson, SFT Director, Casey Padilla, SFT, Daniel Fernandez, Architectural Access Specialist, Governor's Commission on Disability (GCD), David Pfeifer, Facilities Division Director, LeAnn Valdez, Project Manager and David A. Chapman, ADA Coordinator/MCD Staff Liaison on July 24, 2017. Plan comments are as follows:

Dave McQuarie advises that this set of plans should have been submitted to MCD in December 2016 as requested by Dave to Ike Pino and the Facilities Director. Phase 1 plans were reviewed on 1/23/13 and some of the MCD comments were dismissed.

1. There is no ADA General Note.
2. Question: Does every bus stop need to be a bus shelter? What are the minimum requirements? What are the specifications for bus signage?
3. A list was provided but it is suggested that the list be on a spreadsheet that shows which elements that are superficially required.
4. The bench element provided is not compatible per 903.3. I suggest using a spreadsheet format as some sites may only require signs and others a full blown shelter.
5. Sample layouts indicating an arrangement of elements is requested. Ref: 810.2.2 and 810.3.
6. Regarding sign face layout, it is suggested that top to bottom that the SFT logo, bus silhouette, the no parking symbol, the international symbol of accessibility and the legend 'INFO 955-2001' be included. The legend tow away or an arrow should not be used. Also, it is further recommended that the international symbol of accessibility be the same size as the bus silhouette or the no parking symbol. Keith for your reference, the MUTCD does not govern sign size, it is deferred to the Sign Makers Manual.
7. As per MUTCD the proper place for a sign is at the beginning of the site, back of curb, perpendicular to traffic flow, and all the sign is to be mounted on a safety break-away unless it is mounted on one element of the bus shelter at the beginning of the site. Thus, the sign will not be obscured from on-coming traffic.

Keith Wilson indicated that there would be a follow-up meeting to present recommended MCD changes.

If you have any questions, please call me at 471-5785 as I do not have internet access.

Thank you.

Cc: MCD
Daniel Fernandez, GCD
David Pfeifer, Facilities Division Director
LeAnn Valdez, Project Manager
Keith Wilson, Transit Director
Casey Padilla, Transit

David McQuarie 2997 Calle Cerrada Santa Fe, New Mexico 87505-5393 Phone: (505)471-5785

July 7, 2017

Brian K. Snyder, P.E.
City Manager
City of Santa Fe
P.O. Box 909
Santa Fe, NM 87504-0909

Dear Mr. Snyder,

You are reminded that in accordance to SF Resolution 2006-151 Section 3(4) line 12, preliminary plans of modified intersections are to be forwarded to MCD Plan Review for ADA compliance, review and comment. Some intersections have not been submitted even though our Plan Review Subcommittee has continually requested them.

Please have the following intersection plans submitted ASAP. They are:

- Alameda / Paseo de Peralta northeast corner
- Sandoval / Montezuma
- Cerrillos Road / Camino Entrada (The south side bus terminal cannot be built until a pedestrian route is approved.)
- Cottonwood Lane (PM James Martinez)
- Griffith / McKenzie

I can be contacted at 505-471-5785.

Thank you



Dave McQuarie
MCD Vice-chair

Cc: Governing Body
MCD Members
Anthony Alarid, GCD
Lisa Neie, FHWA

Attachment "C"

2997 Calle Cerrada
Santa Fe, NM 87505-5393
June 24, 2015

Mr. Brian K. Snyder, PE
Santa Fe City Manager
City of Santa Fe
PO Box 909
Santa Fe, NM 87504-0909

The Americans with Disabilities Act (ADA), mandates that each municipality maintain a comprehensive and up-to-date Transition Plan of all programs. Thus, the Governing Body adopted resolution 2011-72.

The current 2011 Transition Plan update is and always has been incomplete. When the RFP was drafted, it was with the understanding that it would be limited due to funding availability at the time. Therefore, only a sampling of public programs would be included for the chosen consultant to review. It was further understood that staff would then complete the required barrier assessment survey utilizing the consultant's previous reviews as guidelines. Thus in preparation for this action, the consultant interviewed various City Departments in-order to assess needs and offer training.

The consultant reminded the staff that the City will continue to plan for a biannual "ADA Transition Planning Budget." This budget will be in addition to and separate from funds required for Programs.

It is the US DOJ's view that compliance with 28 CFR 35.150(a), like compliance with the corresponding provisions of the section 504 regulations for public programs, would in most cases not result in undue financial and administrative burdens on the City. In determining whether financial and administrative burdens are undue, all City resources available for use in the funding and operation of the said service, program, or activity should be considered. The burden of proving that compliance with paragraph (a) of 28 CFR 35.150 would fundamentally alter the nature of a service, program, or activity would result in undue financial and administrative burdens rests with the City.

The decision that compliance would result in such alteration or burdens must be made by the head of the public entity or his or her designee and must be accompanied by a written statement of the reasons for reaching that conclusion. The intention is that the determination must be made by a high level official, no lower than a Department head, having budgetary authority and responsibility for making spending decisions. Thus as required by the US DOJ, you, Mr. Snyder, are identified as the official representative for the implementation and should be able to seek/acquire funding for barrier mitigation work over the City's Transition planning period. As such, please respond in writing, to the following enumerated issues.

Attachment "D"

First, when is the proposed target date as to when the staff will complete the 2011 Transition Plan update? Note: It is ludicrous for one individual to be expected to conduct surveys for all department- i.e.: Fire, Police, Land Use, Public Works, etc. Also high public volume programs- i.e.: all trails, the Convention Center, bus stops, Railyard etc. must be included.

Second, what is the dollar amount being requested as proposed budgets and items for the 2011/2012, 2012/2013, 2013/2014 and 2014/2015 Transition Plans? Are there going to be any restrictions? If so what are they?

Third, when is the required annual progress report on barrier mitigation to be submitted City Council be made public?

Fourth, will the City accessibility sites be audited for compatibility by persons of disability? It is suggested that these audits be subject to verification by non-staff personnel.

Fifth, if the time period of the Transition Plan is longer than one year, identify the mitigation goals for each incomplete program on an annual basis.

Your written response, in a timely manner, thirty days, should be transmitted to the Governing Body. I request a copy of this response be transmitted to the Mayor's Committee on Disability (MCD).

If you have questions, please contact me at (505) 471-5785 as I do not have email.

Thank you,



Dave McQuarie
MCD Member

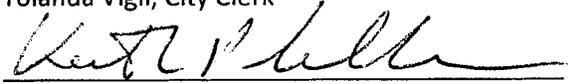
cc: Governing Body
MCD Members

City of Santa Fe, New Mexico

memo

DATE: August 24, 2017

TO: Yolanda Vigil, City Clerk

FROM: 
Keith Wilson, Grants and Administration Manager

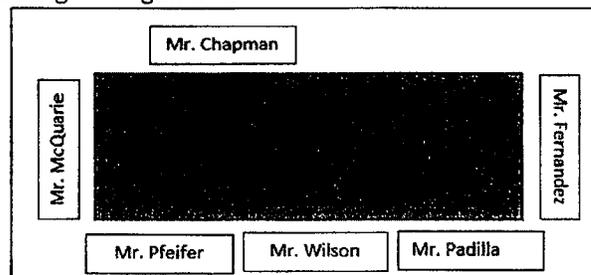
SUBJECT: Complaint Filed by Dave McQuarie – Case # 2017-7

The following is a response to the complaint made about my conduct at a meeting on July 24, 2017 to review the plans for the Santa Fe Trails Bus Shelters Phase 2 CIP Project #665A by David McQuarie.

Mr. McQuarie began the meeting berating staff (in particular myself and David Pfeiffer) for several minutes. I don't recall the exact words used, but in general he was claiming that we didn't know what we were doing and that we were trying to avoid meeting the ADA regulation. After several minutes, I indicated to Mr. McQuarie that his general remarks were not being productive and that our interest was indeed to ensure that our infrastructure was ADA Complaint and knowing that our designs had deficiencies I requested that we focus on the review to ensure a positive meeting and outcome.

Figure 1 shows the seating arrangement at this meeting. With respect to Mr. McQuarie's claim that I was more accepting of information from Mr. Fernandez than him. Mr. McQuarie did provide verbal input on the benches and the layout of the shelter sites and I would contend that I did not meet his remarks with "obstruction or disregard". Mr. Fernandez who was sitting at the opposite end of the table from Mr. McQuarie had a hard copy of the 2010 ADA Compliance Guidelines which contained diagrams and text for the requirements related to the benches and shelter layouts referenced verbally by Mr. McQuarie. Additionally, Mr. Fernandez had marked up versions of the design layouts (see attachment 1) showing where they were deficient in regards to the ADA regulations. To ask clarifying questions about the Guidelines document and on the deficiencies in the plans required me to interact directly with Mr. Fernandez. Because Mr. Fernandez was at the opposite end of the table from Mr. McQuarie this required me to turn my attention away from Mr. McQuarie. After Mr. McQuarie "confronted" me, I tried my best to ensure that comments discussed with Mr. Fernandez were also addressed to Mr. McQuarie by turning to his direction and clarifying what had been discussed with Mr. Fernandez.

Figure 1: Meeting Seating Arrangements



Note: Ms. Valdez was not present for the majority of the meeting.

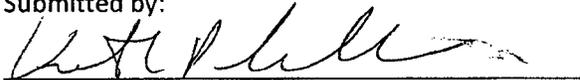
With respect to Mr. McQuarie's claim that he did not receive the documents requested in his July 2nd letter. On July 12 a day after receiving a copy of Mr. McQuarie's July 2nd letter, Ms. Valdez (Project Manager) provided to Mr. Chapman (ADA Coordinator) a list of locations where new shelters were to be installed as part of the Phase 2 project; a plan set that showed the typical layout for each of the shelter types; the fabrication plan set for the shelter structures; and the typical ADA specification sheets from NMDOT (see attachment 2). The only document that was requested and not provided was the sign face detail. According to Mr. Chapman, he then provided these documents to Mr. McQuarie.

The list of shelter locations clearly state that they are for the Phase 2 project.

The Typical Layout sheets provided for the of three shelter types being installed do show the "arrangement of elements" and were used by Mr. Fernandez in his markups to show where they were deficient in meeting the ADA regulations as shown in Attachment 1.

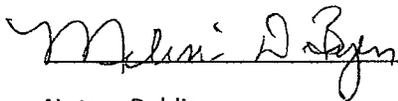
With respect to the statement of "Why should we even bother to do an ADA compliance review?". Due to Mr. McQuaries request to review the plans, he has ensured that this project will meet all ADA regulations. Without his intervention, we would have installed non-compliant bus stop facilities. We have taken his comments and input seriously and are making the necessary changes to our designs. Because of the pending expiration (September 30, 2017) of the funding being utilized for this project we had to make these design changes on the fly and proceed with construction for those elements that can be simply resolved (Type A Sign Panels). We have kept Mr. Chapman informed of how we have proceeded. On Monday August 7 after the construction of a small number of the bus stops, we conducted a site visit with Mr. Chapman and Mr. Fernandez to ensure that the design changes we made meet all of the ADA regulations, which they did. After this review, we gave our contractor instruction to proceed with the construction of the remaining Type A bus stop locations. At this time we are not constructing the locations for the Type B and Type C bus stops while we determine how to modify the bus shelter structures to bring them into ADA compliance.

Submitted by:

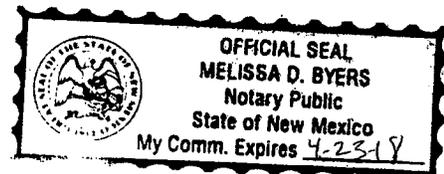


Keith Wilson, Grants and Administration Manager

Subscribed and sworn to before me by Keith Wilson on this 24th day of August, 2017.



Notary Public



My Commission Expires: 4-23-18

RECEIVED
JAN 10 1961
U.S. AIR FORCE
HEADQUARTERS
WASHINGTON, D.C.

ATTACHMENT 1

Santa Fe Trails Bus Shelters Phase 2

COVER SHEET FOR COMPONENTS
CIP Project # 665A- JULY 14 2015

PROJECT SUMMARY	GENERAL NOTES	CODES & STANDARDS	PROJECT TEAM	OWNER SIGNATURES	SHEET LIST
<p>The scope of this project is to fabricate & install a series of Product Packages (bus shelters / street furnishings) for the Santa Fe Trails bus system. There are 3 product packages (A, B & C) fabricated from a component system. The drawings and specifications are split into Sub-Projects: Fabrication & Installation. The Fabrication drawings (CS-1 - 2.1), and associated Specifications, show the components details and assembly of Product Packages A, B & C. The Installation drawings (CS-2 - 3.2), and associated Specifications, show the typical site work and installation instructions for each of the Product Packages.</p> <p>The Fabricator shall carefully review the bidding documents and coordinate with the Owner on quantities of Product Packages. Unless directed otherwise, the Fabricator shall deliver fully assembled Product Packages and associated Hardware to the Santa Fe, New Mexico.</p> <p>The Fabricator shall provide all nuts, bolts and miscellaneous hardware required to assemble and to install the product package at a later date, as specified on the drawings. The Fabricator shall carefully review all Drawings and Specifications in order to verify quantities of components and hardware necessary for the fabrication and installation of each product package. In the event of a discrepancy, the Fabricator shall contact the Owner for clarification.</p> <p>The Fabricator shall provide the specified spare parts and hardware, to be delivered along with the Product Packages.</p>	<p>1. All tube steel to tube steel connections shall be continuously welded all round with 3/16" min. fillet or butt welds. Grind all welds smooth.</p> <p>2. Provide openings in vertical 3x3 tube steel members to receive the skewered feet as shown on drawings.</p> <p>3. All rolled steel members, including tube steel, angles, cleats and plates, shall be powder coated with the specified or approved equal powder coat.</p> <p>4. All decorative metal panels shall be powder coated with the specified or approved equal powder coat.</p> <p>5. Powder coat colors are as follows:</p> <p>Frames - tiger drylac super durable 038/90018 argente 314 metallic.</p> <p>panels tiger drylac super durable 038/91020 anodized silver.</p> <p>7. All powder coated surfaces, including frames, panels, bench base plates, cleats, angles, etc. will be coated with the specified or equal anti-graffiti top coat.</p> <p>8. A digital file (dwg or dxf) of the pattern for the decorative metal panels will be provided to the successful bidder.</p> <p>9. Pull wires for future electrical will be installed as shown in these plans. Openings shall be plugged with removable plugs, provide an additional 6 (six) plugs.</p> <p>10. Provide openings in vertical 3x3 steel. Tolerance for all fabricated steel is 1/8" max.</p>	<p>1. IBC-08 International Building Code (2008) 7015</p> <p>2. ASCE/SEI 7-05 Minimum Design Loads For Buildings & Other Structures</p> <p>3. AISC 360-05 Specification For Structural Steel Buildings</p> <p>4. AISC 341-05 Seismic Provisions For Structural Steel Buildings</p> <p>5. AISC Manual of Steel Construction 13th Edition</p> <p>6. ANS/ISO RD1.0-06 Standard For Steel Roof Deck</p> <p>7. ASTM A1060 Standard Specification For Zinc-Coated Steel</p> <p>8. AAMA 2605 Standard Specification For Paints & Architectural Powder Coatings</p> <p>9. ASTM D3461 Standard Specification For Testing Coating Powders & Powder Coatings</p> <p>10. ASTM A450 Standard Specification For The General Requirements For Carbon & Low Alloy Steel Tubes.</p> <p>11. ACI 318-08 Building Code Requirements For Structural Concrete</p> <p>12. AWS D1.1-04 Structural Welding Code - Steel</p> <p>13. AWS D1.3-08 Structural Welding Code - Sheet Steel</p> <p>14. ICC/ANSI A117-2003 7009</p> <p>15. ADA-ABA Accessibility Guidelines 2010.</p>	<p>OWNER</p> <p>City of Santa Fe Project Manager: Mary MacDonald City of Santa Fe Public Work Department Facilities Division 200 Lincoln Ave Santa Fe, NM 87501 Ph: 505.955.5934 Fax: 505.955.5939</p> <p>ARCHITECT OF RECORD</p> <p>autotroph Project Architect: Alexander Dzurec 422 Craig Ave Santa Fe, NM 87501 Ph: 505.216.7555</p> <p>STRUCTURAL ENGINEER</p> <p>Chavez-Grievies Project Engineer: George Bradley 4700 Lincoln Rd, NE Suite 102 Albuquerque, NM 87109 Ph: 505.344.4080 Fax: 505.343.8759</p>	<p>Please sign and date above the line.</p> <p>Director Public Works Department</p> <p>Director Santa Fe Trails</p> <p>Director Facilities Division</p> <p>Historic Preservation Division</p> <p>ADA Coordinator</p>	<p>CS-1 FABRICATION COVER SHEET</p> <p>0.1 PRODUCT PACKAGE A</p> <p>0.2 PRODUCT PACKAGE B</p> <p>0.3 PRODUCT PACKAGE C</p> <p>0.4 COMPONENTS</p> <p>1.0 COMPONENTS</p> <p>2.0 SECTION, PLANS & ROOF DETAILS</p> <p>2.1 BENCH DETAILS</p>
<p>GENERAL NOTES</p> <p>1. This dwg set includes the fabrication of Bus Shelter Product Packages A, B and C, as shown on Sheets 0.1 - 2.1 only. The set does not include installation of the shelters or any site work. Any site work or amenities shown on this sheet are for informational purposes only.</p>	<p>GENERAL NOTES</p> <p>11. Contractor will provide, full size, full thickness, and fully working mock-ups of the items listed below. The submital of the mock-ups will be included in the Contractor's project schedule.</p> <p>a. Decorative metal panel</p> <p>b. Adjustable foot, and corner of adjacent tube steel frame.</p> <p>c. Bikesway bolt & base plate section of component P1</p>	<p>DESIGN CRITERIA</p> <p>VERTICAL: ROOF LIVE LOAD: LR = 20'R1'R2</p> <p>HORIZONTAL: WIND BASIC WIND SPEED WIND IMPORTANCE FACTOR BUILDING CATEGORY EXPOSURE</p> <p>REDUCTION FACTOR BASED ON TRIB AREA R1 = 1.0 REDUCTION FACTOR BASED ON ROOF SLOPE R2 = 1.0</p> <p>SNOW LOAD GROUND SNOW LOAD FLAT ROOF SNOW LOAD** SNOW EXPOSURE FACTOR SNOW LOAD IMPORTANCE FACTOR THERMAL FACTOR</p> <p>90 MPH II C</p> <p>90 PSF PF-25 PSF CE-1.0 IS- 1.0 CF- 1.0</p> <p>**INCLUDES 5 PSF RAIN-ON SNOW SURCHARGE LOAD</p>	<p>Santa Fe Trails Bus Shelters Ph 2 CIP Project #665A Cover Sheet 1 Components</p>	<p>12/27 14 JULY 2015</p> <p>CS-1</p>	

* GOVERNOR'S COMMISSION ON DISABILITY CONFIRMED REDUCES WITH THE U.S. ACCESS BOARD (800) 872-7253



NOTES:

1. ALL TUBE STEEL TO THIS SPEC.
2. CONNECTIONS SHALL BE CONTINUOUSLY WELDED TO ALL TUBES AND ALL RIVETS TO ALL TUBES. WELD ALL WELDS SMOOTH.
3. FASTENERS TO THE 7/8" ANGLE WITH A 1/4" THREADED ROD PASTER WITH WASHERS ON BOTH SIDES AS SHOWN ON PATTERN FOR THE DECORATIVE METAL PANELS.
4. ALL B.R.V. COMPONENTS SHALL BE INSTALLED AS SHOWN IN DETAIL.
5. F.I.M.F. FOOT COMPONENTS SHALL BE INSTALLED AS SHOWN IN DETAIL.
6. PROVIDE DIMENSIONS AT BOTTOM OF 3/8" TUBE STEEL MEMBERS TO RECEIVE DIMENSIONS OF FEET AS SHOWN ON DRAWINGS.
7. DO NOT CUT OFF ENDS OF GALVANIZED BOLTS. BOLTS ARE GALVANIZED BOLTS. GALVANIZED BOLTS AND PROTECTED WITH A GALVANIZED COATING.

LIST OF COMPONENTS

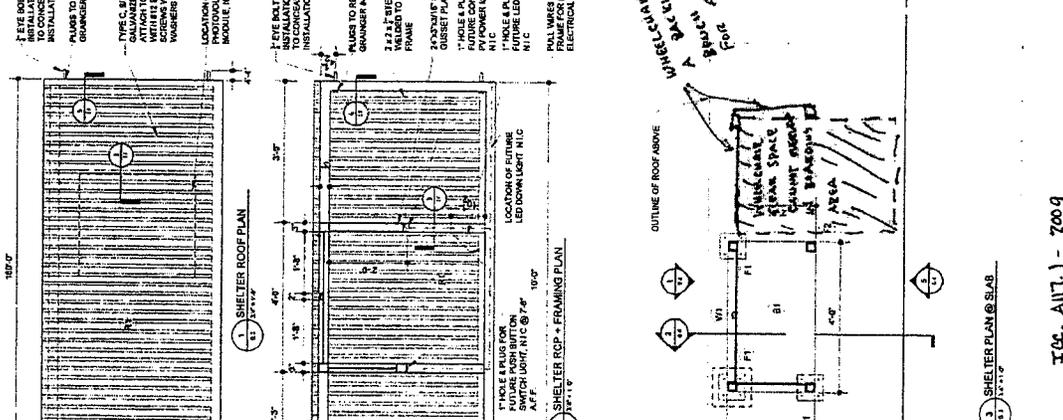
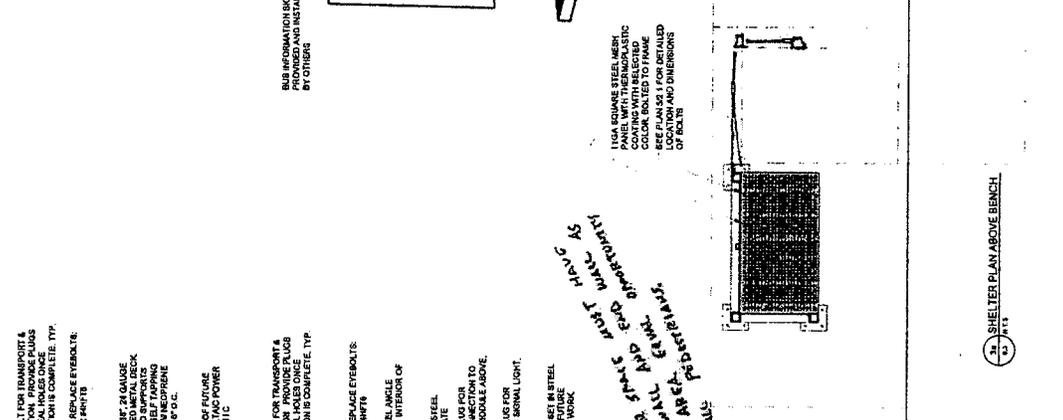
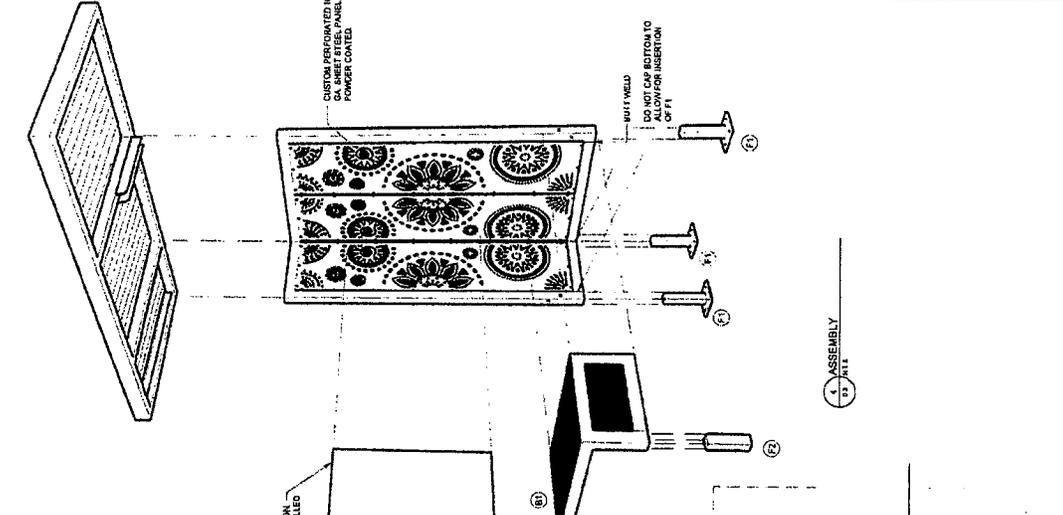
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- B1-75) 1/2" X 1/2" X 1/4" ANGLE
- B1-76) 1/2" X 1/2" X 1/4" ANGLE
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- B1-80) 1/2" X 1/2" X 1/4" ANGLE
- B1-81) 1/2" X 1/2" X 1/4" ANGLE
- B1-82) 1/2" X 1/2" X 1/4" ANGLE
- B1-83) 1/2" X 1/2" X 1/4" ANGLE
- B1-84) 1/2" X 1/2" X 1/4" ANGLE
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- B1-90) 1/2" X 1/2" X 1/4" ANGLE
- B1-91) 1/2" X 1/2" X 1/4" ANGLE
- B1-92) 1/2" X 1/2" X 1/4" ANGLE
- B1-93) 1/2" X 1/2" X 1/4" ANGLE
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- B1-97) 1/2" X 1/2" X 1/4" ANGLE
- B1-98) 1/2" X 1/2" X 1/4" ANGLE
- B1-99) 1/2" X 1/2" X 1/4" ANGLE
- B1-100) 1/2" X 1/2" X 1/4" ANGLE

PROJECT INFORMATION

Project Name: Santa Fe Trails Bus Shelters Ph 2
 CIP Project #665 A
 Product Package C

Scale: 0.3

Project Number: 1502
 Date: 14 JULY 2015
 Drawn by: AD
 Checked by: AD



1.1 SHELTER PLAN @ SLAB

1.2 SHELTER PLAN ABOVE BENCH

1.3 ASSEMBLY

1.4 ASSEMBLY

1.5 ASSEMBLY

1.6 ASSEMBLY

1.7 ASSEMBLY

1.8 ASSEMBLY

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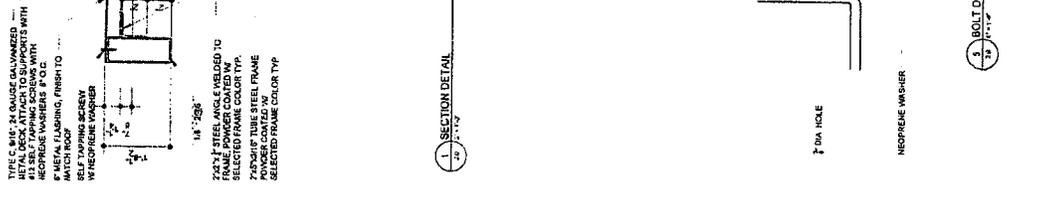
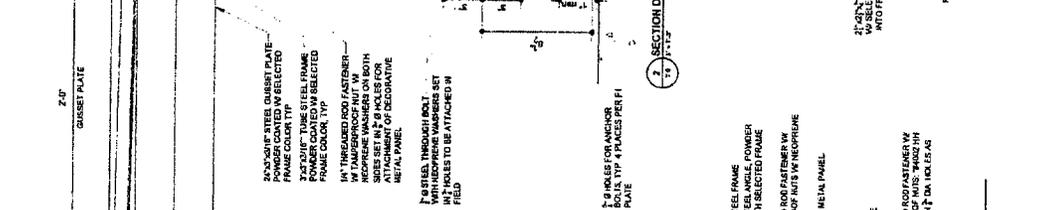
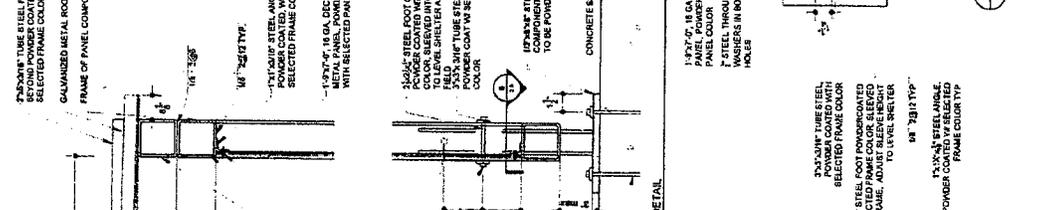
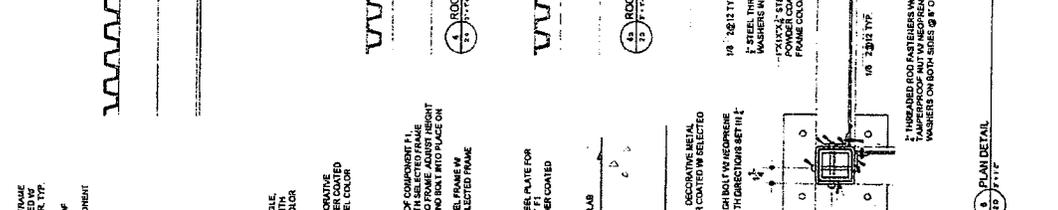
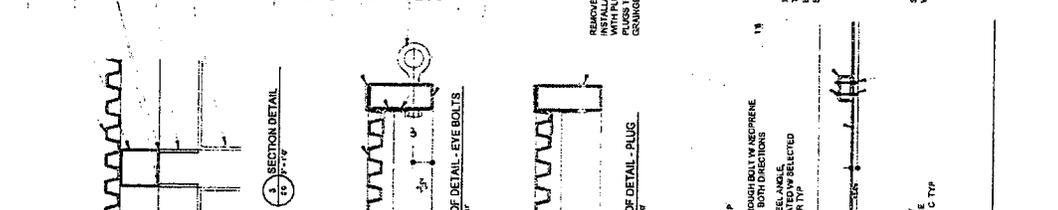
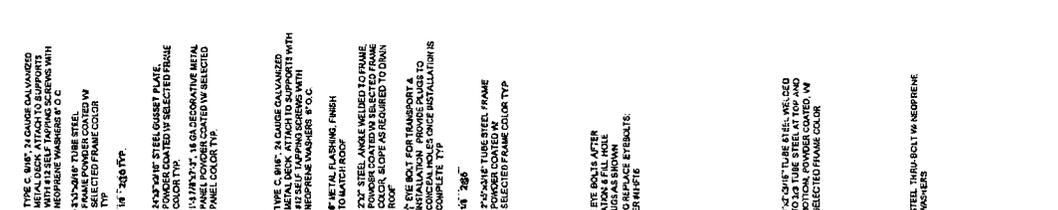
1.100 ASSEMBLY

ICE. ALT. 1 - 2009
 805.2.7 DIMENSIONS. BUS STOP BOARDING?
 alignment

805.3 BUS SHELTERS
 MIN. CLEAR FLOOR SPACE

NOTES:

- 1 ALL TUBE STEEL TO TUBE STEEL JOINTS SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 2 DECORATIVE METAL PANELS ARE TO BE WELDED TO THE FRAME WITH 1/4" THREADED ROD FASTENERS W/ TAMPERPROOF NUTS W/ NEOPRENE WASHERS ON BOTH SIDERS AS SHOWN ON DRAWING.
- 3 A 2" X 4" STEEL GUSSET PLATE SHALL BE PROVIDED TO THE METAL PANELS TO BE PROVIDED TO THE FRAME. ALL METAL COMPONENTS SHALL BE WELDED TO FOOTING WITH AN ANCHOR BOLT AS SHOWN IN DETAIL 1. TAMPERPROOF NUTS SHALL BE PROVIDED TO THE FRAME AS SHOWN IN DETAIL 1.
- 4 ALL METAL COMPONENTS SHALL BE GALVANIZED OR PAINTED TO MATCH ROOF FINISH.
- 5 ALL METAL COMPONENTS SHALL BE GALVANIZED OR PAINTED TO MATCH ROOF FINISH.
- 6 PROVIDE OPENINGS IN BOTTOM OF 2X4 GUSSET PLATE TO ALLOW FOR 1/2" DIA. ANCHOR BOLTS TO BE ATTACHED TO CONCRETE SLAB.
- 7 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 8 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 9 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 10 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 11 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 12 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 13 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 14 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 15 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 16 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 17 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 18 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 19 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.
- 20 2" X 4" STEEL GUSSET PLATE SHALL BE WELDED TO ALL ROOF SUPPORTS WITH 1/2" MIN NEOPRENE WASHERS @ O.C.



**Santa Fe Trails
Bus Shelters Ph 2
CIP Project #665 A**

**Section Plan, + Roof
Details**

1500
14 JULY 2015
AD
AD

2.0

NOTES:

- 1 ALL TUBE STEEL TO THIS STEEL CONNECTIONS SHALL BE CONTINUOUSLY WELDED ALL AROUND WITH 3/16" MIN. FILLET WELD TO THE TUBE STEEL. ALL WELDS SHALL BE TO THE TYP ANGLE WITH A 1/4" THREADED AND FASTENER W/ TAMPER PROOF NUT W/ PROOF RINGS & TYPED ON BOTH SIDES AS SHOWN ON PLANS.
- 2 A DIGITAL FILE (DIP OR DMP) OF THE PANELS WILL BE PROVIDED TO THE ARCHITECT. SUCCESSOR BIDDERS SHALL BE ALLOWED TO FOOT INWARD WITH AN ADJUSTABLE FOOT, AS SHOWN IN DETAIL #2 #872.0. F. COMPONENTS FOR PRODUCT FOOTING WITH BREAKAWAY FEET AS SHOWN IN DETAIL #80.0. COMPONENTS SHALL BE SLEWED INTO THE PANEL FRAMES.
- 3 PROVIDE OPENINGS IN BOTTOM OF 3X3 TUBE STEEL MEMBERS TO RECEIVE THE TAMPER PROOF NUTS & TYPED ON BOTH SIDES. DO NOT CUT OFF ENDS OF GALVANIZED BOLTS. IF BOLTS ARE CUT, THE ENDS MUST BE PAINTED AND PROTECTED WITH A GALVANIZED COATING.

- LIST OF COMPONENTS**
- P1-1 (1) #62312 4" DROP-IN ANCHOR
 - B1-1 (1) #10 #894 S.O. WASHERS
 - F1-1 (1) #10 #220F BENT BOLT
 - F2-1 (1) #10 THREADED ATTACH BOLTS
 - (8) TAMPER PROOF NUTS
 - (16) THROUGH BOLTS

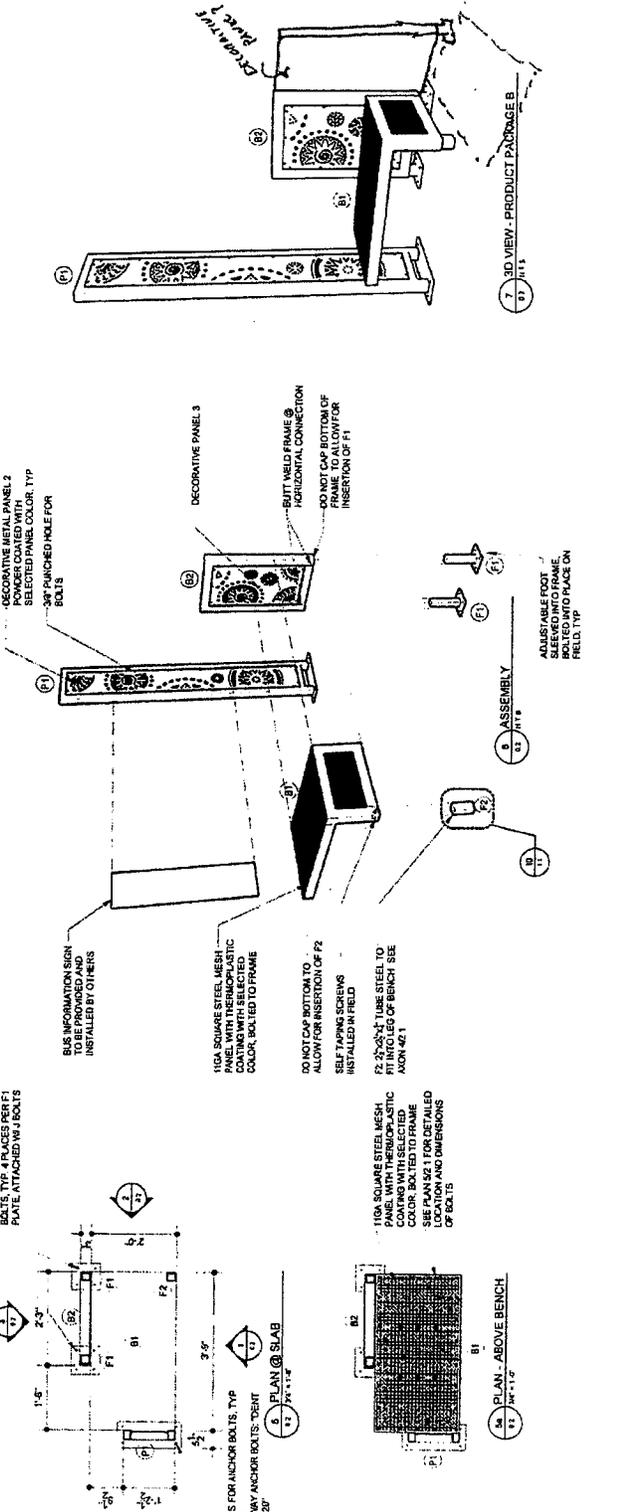
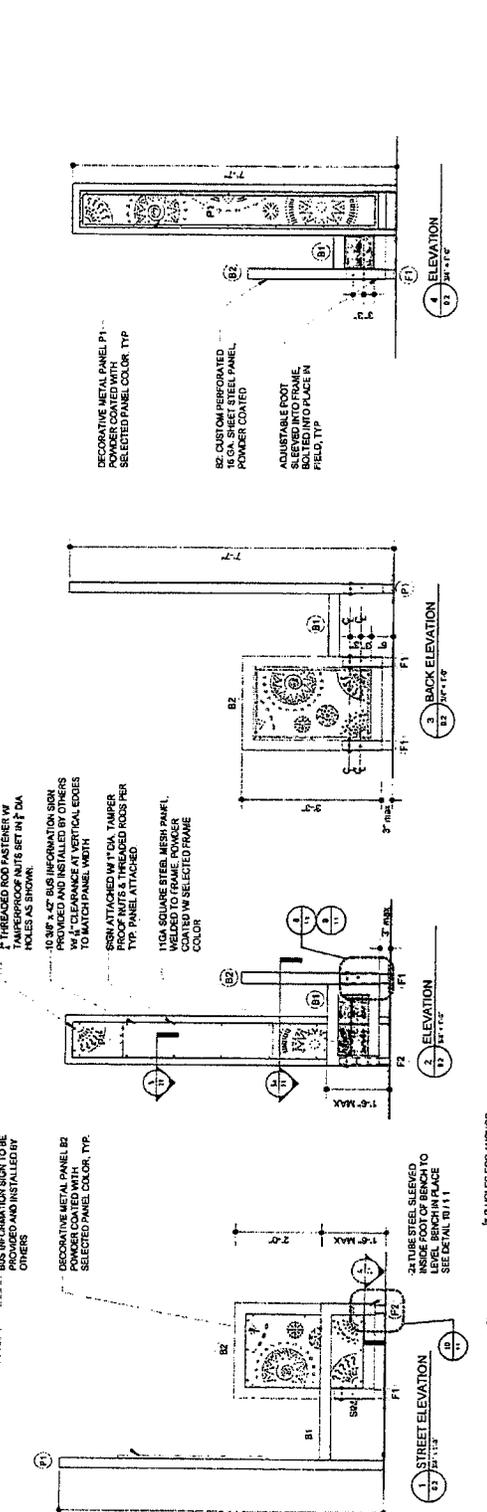


Santa Fe Trails
 Bus Shelters Ph 2
 CIP Project #665 A
 Product Package B

Project Number: 1502
 Date: 14 JULY 2015
 Author: AG
 Designer: C
 City: Colorado

0 1' 2'

0.2



Santa Fe Trails Bus Shelters Phase 2

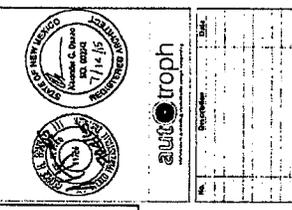
COVER SHEET FOR SITE INSTALLATION

CIP Project # 665A - JULY 14, 2015

PROJECT SUMMARY	GENERAL NOTES	CODES & STANDARDS	PROJECT TEAM	OWNER SIGNATURES	SHEET LIST
<p>Installation Coversheet Notes The Owner shall provide a list and a map to each of the bus stops to be improved, along with which product packages will be provided at each location (Project Site). Typical site plans are shown for installation. These include minimum dimensions for accessibility, foundation work and location of the product package. The installation Contractor shall visit each bus stop site, prior to installation, to familiarize themselves with existing site conditions. The Contractor shall coordinate adjustments to the typical site plans, based upon existing conditions, with the Owner. The scope of the installation Sub-Project is limited to site preparation, selective demolition, traffic control/pedestrian safety, foundation work and installation of Product Package, as indicated in the Installation Drawing and Specifications. Unless directed otherwise, the Owner shall provide fully assembled Product Packages, and associated hardware (complete) under the Fabrication Sub-Project, to the Installation Contractor for installation on the Project Sites.</p>	<ol style="list-style-type: none"> This dwg set includes the site work and installation of bus shelter product packages a,b and c, as shown on sheets 3.0 - 3.2 only, the set does not include fabrication of the shelters or any components. All tube steel to tube steel connections shall be continuously welded all round with 3/16" min. Fillet or butt welds. Grind all welds smooth. Individual site conditions vary, unless otherwise specified in the drawings, install product package with clear wheelchair space and wheelchair lift loading zone to match typical site plans to the best extent possible. Install product package a at the back of sidewalk leaving 36" clear min., in front of the sign. Shelters are to be installed level. Install base plates level on their concrete footing or level base plates using steel washers. Adjust sleeve foot to level shelters and bolt securely on field. Contractor shall remove existing bus shelters, bench/signs, and stand-alone signs, fill in and compact any holes with clean fill to 85% compaction. Ensure that there is a minimum of 36" clear sidewalk space between the front edge of all product packages to the back of curb. Ensure that the front edge of the shelter roof of all product packages is set back 15 1/2" from the back of curb. In case of any discrepancies on site, call the architect for clarifications prior to fabrication and installation. Utilize ACI 318-08 building code requirements for structural concrete. 	<ol style="list-style-type: none"> IBC-09 International Building Code 2009 ZEN ASCE/SEI 7-05 Minimum Design Loads For Buildings & Other Structures AISC 360-05 Specification For Structural Steel Buildings AISC 341-05 Seismic Provisions For Steel Moment Resisting Frames AISC Manual of Steel Construction 13th Edition ANSI/DIN R01.0-06 Standard For Steel Roof Deck ASTM A1060 Standard Specification For Zinc-Coated Steel AAMA 2605 Standard Specification For Paints & Architectural Powder Coatings ASTM D3481 Standard Specification For Testing Coating Powders & Powder Coatings ASTM A450 Standard Specification For The General Requirements For Carbon & Low Alloy Steel Tubes. ACI 318-08 Building Code Requirements For Structural Concrete AWS D1.1-04 Structural Welding Code - Steel AWS D1.3-08 Structural Welding Code - Sheet Steel ICC/ANSI A117.4-2003 ADA-ABA Accessibility Guidelines 2010. 	<p>OWNER City of Santa Fe Project Manager: Mary MacDonald City of Santa Fe Public Work Department Facilities Division 200 Lincoln Ave Santa Fe, NM 87501 Ph: 505.955.5934 Fax: 505.955.5939</p> <p>ARCHITECT OF RECORD autotroph Project Architect: Alexander Daunce 422 Gag Ave Santa Fe, NM 87501 Ph: 505.216.7555</p> <p>STRUCTURAL ENGINEER Chavez-Grievas Project Engineer: George Bradley 4700 Lincoln Rd. NE Suite 102 Abuquerque, NM 87109 Ph: 505.344.4080 Fax: 505.943.8759</p>	<p>Please sign and date above the line.</p> <p>Director Public Works Department</p> <p>Director Santa Fe Trails</p> <p>Director Facilities Division</p> <p>Historic Preservation Division Date</p> <p>ADA Coordinator Date</p>	<p>CS-2 COVER SHEET FOR INSTALLATION GENERAL NOTES FOR SITE INSTALLATION 3.0 SITE INSTALLATION 3.1 SITE INSTALLATION & DETAILS 3.2</p>
					<p>20 PSF</p> <p>DESIGN CRITERIA</p> <p>ROOF LIVE LOAD: LR = 20*RT+R2</p> <p>REDUCTION FACTOR BASED ON TRIB. AREA R1 = 1.0</p> <p>REDUCTION FACTOR BASED ON ROOF SLOPE R2 = 1.0</p> <p>SNOW LOAD GROUND SNOW LOAD FLAT ROOF SNOW LOAD** SNOW EXPOSURE FACTOR SNOW LOAD IMPORTANCE FACTOR THERMAL FACTOR</p> <p>FG-25 PSF PF-25 PSF CE= 1.0 IS= 1.0 QT= 1.0</p> <p>**INCLUDES 5 PSF RAIN-ON SNOW SURCHARGE LOAD</p> <p>HORIZONTAL: WIND BASIC WIND SPEED WIND IMPORTANCE FACTOR BUILDING CATEGORY EXPOSURE</p> <p>90 MPH IW = 1.0 II C</p>

* GOVERNOR'S COMMISSION ON DISABILITY CONFIRMED REDLINES WITH THE U.S. ACCESS BOARD (800) 872-2853

CS-2

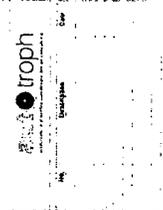
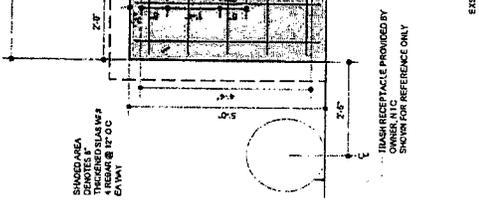
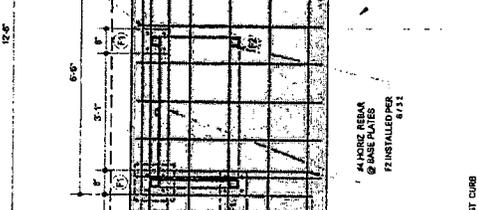
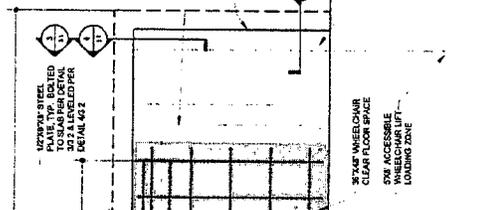
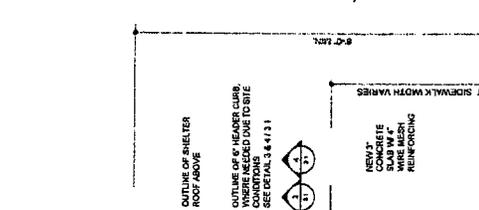
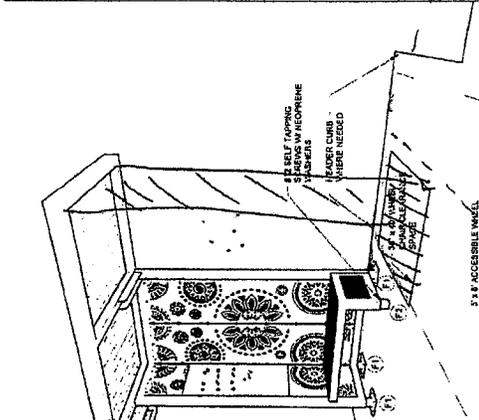


Santa Fe Trails
Bus Shelters Ph 2
CIP Project #665A

Cover Sheet 2
Site Installation

15 JULY 2015

- NOTES:**
1. ALL SITE CONDITIONS MAY UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS. INSTALL PRODUCT PACKAGE WITH THE FOLLOWING CONDITIONS AND WHERE SHOWN IN THE DRAWINGS AND MATCH TYPICAL SITE PLANS TO THE BEST OF YOUR ABILITY. CONCRETE SHALL BE CONTINUOUSLY COMPACTED ON THE EXISTING CONCRETE SLAB.
 2. SHELTERS ARE TO BE INSTALLED LEVEL. INSTALL BASE PLATES LEVEL ON THEIR SLEWED FOOT TO LEVEL. SHELTERS ADJUST PLAYERS USING STEEL WASHERS ADJUST SLEWED FOOT TO LEVEL. SHELTERS AND CONNECTIONS SHALL BE CONTINUOUSLY SMOOTH. ALL TUBE STEEL TO TUBE STEEL CONNECTIONS SHALL BE CONTINUOUSLY SMOOTH. ALL TUBE STEEL TO TUBE STEEL OR BUTT WELDS GRIND ALL WELDS SMOOTH.
 3. ALL TUBE STEEL TO TUBE STEEL CONNECTIONS SHALL BE CONTINUOUSLY SMOOTH. ALL TUBE STEEL TO TUBE STEEL OR BUTT WELDS GRIND ALL WELDS SMOOTH.
 4. FASTENERS TO TUBE ANGLE WITH A 4" THREADED ROOF FASTENER WITH WASHERS ON BOTH SIDES AS SHOWN IN PLANS.
 5. A 1/2" DIA. F 1/2" TUBE STEEL ANCHOR BOLTS SHALL BE PROVIDED TO THE SUCCESSIVE W/ BODDER.
 6. ADJUSTABLE FOOT, AS SHOWN IN DETAIL PACKAGE SHALL BE MOUNTED TO THE FOOTING WITH BRISAWAY FEET AS SHOWN IN DETAIL PACKAGE. THE TUBE STEEL MEMBERS TO RECEIVE THE SLEWED FEET AS SHOWN ON DRAWINGS.



**Santa Fe Trails
Bus Shelters Ph 2
CIP Project #865 A**

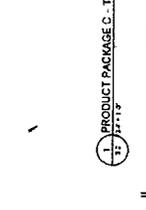
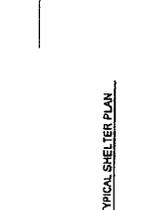
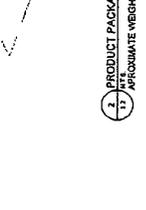
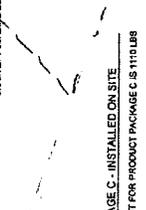
Site Installation & Details

Project Number: 1582
Date: 14 JULY 2015
Drawn By: AD
Checked By: AD
Scale: 1" = 1'-0"

3.2

1. PRODUCT PACKAGE C - INSTALLED ON SITE

2. APPROXIMATE WEIGHT FOR PRODUCT PACKAGE C IS 1110 LBS



3. 1/2\"/>

4. MAXIMUM OF 2\"/>

5. 1/2\"/>

6. 1/2\"/>

7. STEEL THROUGH BOLTS AND BOLTS IN BOTH DIRECTIONS

8. 1/2\"/>

9. 1/2\"/>

10. 1/2\"/>

11. 1/2\"/>

12. 1/2\"/>

13. 1/2\"/>

14. 1/2\"/>

15. 1/2\"/>

16. 1/2\"/>

17. 1/2\"/>

18. 1/2\"/>

ATTACHMENT 2

From: VALDEZ, LEANN S.
To: CHAPMAN, DAVID A.
Cc: WILSON, KEITH P.; MARTINEZ, THOMAS A.; PFEIFER, DAVID J.
Subject: RE: Bus Shelter
Date: Wednesday, July 12, 2017 8:53:45 AM
Attachments: [100% FABRICATION 7-14-15.pdf](#)
[100% INSTALLATION 7-14-15.pdf](#)
[Bus Shelter Locations for Installation.pdf](#)
[Pg 174 NMDOT ADA Specs.pdf](#)

David,

Included in the Request for Bids were the attached drawings and specifications. Let me know if you have any other questions or comments..

Thank you,

LeAnn S. Valdez

City of Santa Fe

Public Works Department/Facilities Division

(505) 955-5938

lvaldez@santafenm.gov

From: CHAPMAN, DAVID A.
Sent: Tuesday, July 11, 2017 4:58 PM
To: Mayors Office; LINDELL, SIGNE I.; VILLARREAL, RENEE D.; IVES, PETER N.; MAESTAS, JOSEPH M.; DOMINGUEZ, CARMICHAEL A.; RIVERA, CHRISTOPHER M.; TRUJILLO, RONALD S.; HARRIS, MICHAEL A.
Cc: Bleck, Aurore; K. Gish (zephyreblue@yahoo.com); Pieters, Nancy; pecosbaldy@cybermesa.com; Jawhar, Meriam; Martin, Elizabeth; Alarid, Anthony H., GCD; VALDEZ, LEANN S.; energytech@cybermesa.com
Subject: Bus Shelter

This correspondence is sent on the request of Dave McQuarie, Mayor's Committee on Disability Committee Co-Chair

...

Please see attachment.

David A. Chapman
Grant Administrator-Writer / ADA Coordinator
City of Santa Fe, P.O. Box 909, Santa Fe, NM 87504-0909
O/(505)955-2012 C/(505)660-2619
dachapman@santafenm.gov

Santa Fe Trails Bus Shelters Phase 2

COVER SHEET FOR COMPONENTS

CIP Project # 665A- JULY 14 2015

PROJECT SUMMARY	GENERAL NOTES	CODES & STANDARDS	PROJECT TEAM	OWNER SIGNATURES	SHEET LIST
<p>The scope of this project is to fabricate & install a series of Product Packages (bus shelters / street furnishings) for the Santa Fe Trails bus system. There are 3 product packages (A, B & C) fabricated from a component system. The drawings and specifications are split into Sub-Projects: Fabrication & Installation. The Fabrication drawings (CS-1 - 2.1), and associated Specifications, show the components details and assembly of Product Packages A, B & C. The Installation drawings (CS-2 - 3.2), and associated Specifications, show the typical site work and installation instructions for each of the Product Packages.</p> <p>The Fabricator shall carefully review the bidding documents and coordinate with the Owner on quantities of Product Packages. Unless directed otherwise, the Fabricator shall deliver fully assembled Product Packages and associated Hardware to the Owner at the Transit facility, 2931 Rutina St., Santa Fe, New Mexico.</p> <p>The Fabricator shall provide all nuts, bolts and miscellaneous hardware required to assemble and to install the product package at a later date, as specified on the drawings, each product package upon delivery.</p> <p>The Fabricator shall carefully review all Drawings and Specifications in order verify quantities of components and hardware necessary for the fabrication and installation for each product package. In the event of a discrepancy, the Fabricator shall contact the Owner for Clarification.</p> <p>The Fabricator shall provide the specified spare parts and hardware, to be delivered along with the Product Packages.</p>	<p>2. All tube steel to tube steel connections shall be continuously welded all round with 3/16" min. fillet or butt welds. Grind all welds smooth.</p> <p>3. Provide openings in vertical 3x3 tube steel members to receive the sleeved feet as shown on drawings.</p> <p>4. All rolled steel members, including tube steel, angles, cleats and plates, shall be powder coated with the specified or approved equal powder coat.</p> <p>5. All decorative metal panels shall be powder coated with the specified or approved equal powder coat.</p> <p>6. Powder coat colors are as follows: Frames - tiger drylac super durable 03890018 argento 314 metallic. panels tiger drylac super durable 03891020 anodized silver.</p> <p>7. All powder coated surfaces, including frames, panels, bench, base plates, cleats angles, etc, will be coated with the specified or equal anti-graffiti top coat.</p> <p>8. A digital file (dwg or dxf) of the pattern for the decorative metal panels will be provided to the successful bidder.</p> <p>9. Pull wires for future electrical will be installed as shown in these plans. Openings shall be plugged with removable plugs. provide an additional 6 (six) plugs.</p> <p>10. Provide openings in vertical 3x3 tolerance for all fabricated steel is 1/8" max.</p>	<p>1. IRC-09 International Building Code 2009</p> <p>2. ASCE/SEI 7-05 Minimum Design Loads For Buildings & Other Structures</p> <p>3. AISC 360-05 Specification For Structural Steel Buildings</p> <p>4. AISC 341-05 Seismic Provisions For Structural Steel Buildings</p> <p>5. AISC Manual of Steel Construction 13th Edition</p> <p>6. ANS/SDI RD1.0-06 Standard For Steel Roof Deck</p> <p>7. ASTM A1060 Standard Specification For Zinc-Coated Steel For Paints & Architectural Powder Coatings</p> <p>8. AAMA 2605 Standard Specification For Paints & Architectural Powder Coatings</p> <p>9. ASTM D3451 Standard Specification For Tinting Coating Powders & Powder Coatings</p> <p>10. ASTM A450 Standard Specification For The General Requirements For Carbon & Low Alloy Steel Tubes.</p> <p>11. ACI 318-08 Building Code Requirements For Structural Concrete</p> <p>12. AWS D1.1-04 Structural Welding Code - Steel</p> <p>13. AWS D1.3-08 Structural Welding Code - Sheet Steel.</p> <p>14. ICC/ANSI A117.1-2003</p> <p>15. ADA-ABA Accessibility Guidelines 2010.</p>	<p>OWNER</p> <p>City of Santa Fe Project Manager: Mary MacDonald City of Santa Fe Public Work Department Facilities Division 200 Lincoln Ave Santa Fe, NM 87501 Ph: 505.955.5934 Fax: 505.955.5939</p> <p>ARCHITECT OF RECORD</p> <p>autotroph Project Architect: Alexander Dzurec 422 Greg Ave Santa Fe, NM 87501 Ph: 505.216.7555</p> <p>STRUCTURAL ENGINEER</p> <p>Chavez-Grievos Project Engineer: George Bradley 4700 Lincoln Rd. NE Suite 102 Albuquerque, NM 87109 Ph: 505.344.4080 Fax: 505.343.8759</p>	<p>Please sign and date above the line.</p> <p>Director Public Works Department</p> <p>Date</p> <p>Director Santa Fe Trails</p> <p>Date</p> <p>Director Facilities Division</p> <p>Date</p> <p>Historic Preservation Division</p> <p>Date</p> <p>ADA Coordinator</p> <p>Date</p>	<p>CS-1 FABRICATION COVER SHEET 0.1 PRODUCT PACKAGE A 0.2 PRODUCT PACKAGE B 0.3 PRODUCT PACKAGE C 0.4 PRODUCT PACKAGE C</p> <p>1.0 COMPONENTS 1.1 COMPONENTS</p> <p>2.0 SECTION, PLANS & ROOF DETAILS</p> <p>2.1 BENCH DETAILS</p>
<p>GENERAL NOTES</p> <p>11. Contractor will provide to the Owner for review and approval, full size, full thickness, and fully working mock-ups of the items listed below. The submittal of the mock-ups will be included in the Contractor's project schedule.</p> <p>a. Decorative metal panel b. Adjustable foot, and corner of adjacent tube steel frame. c. Breakaway bolt & base plate section of component P1</p>	<p>GENERAL NOTES</p> <p>11. Contractor will provide to the Owner for review and approval, full size, full thickness, and fully working mock-ups of the items listed below. The submittal of the mock-ups will be included in the Contractor's project schedule.</p> <p>a. Decorative metal panel b. Adjustable foot, and corner of adjacent tube steel frame. c. Breakaway bolt & base plate section of component P1</p>	<p>GENERAL NOTES</p> <p>11. Contractor will provide to the Owner for review and approval, full size, full thickness, and fully working mock-ups of the items listed below. The submittal of the mock-ups will be included in the Contractor's project schedule.</p> <p>a. Decorative metal panel b. Adjustable foot, and corner of adjacent tube steel frame. c. Breakaway bolt & base plate section of component P1</p>	<p>DESIGN CRITERIA</p> <p>VERTICAL: ROOF LIVE LOAD: LR = 20'R1R2 REDUCTION FACTOR BASED ON TRIB. AREA R1 = 1.0 REDUCTION FACTOR BASED ON ROOF SLOPE R2 = 1.0</p> <p>HORIZONTAL: WIND BASIC WIND SPEED WIND IMPORTANCE FACTOR BUILDING CATEGORY EXPOSURE</p> <p>20 PSF</p> <p>90 MPH IIV = 1.0 II C</p> <p>PG=25 PSF PF=25 PSF CE= 1.0 IS= 1.0 CT= 1.0</p> <p>**INCLUDES 5 PSF RAIN-ON SNOW SURCHARGE LOAD</p>	<p>Santa Fe Trails Bus Shelters Ph 2 CIP Project #665A</p> <p>Cover Sheet 1 Components</p> <p>1502 16 JULY 2015 AD AD</p> <p>CS-1</p>	

Santa Fe Trails Bus Shelters Phase 2

COVER SHEET FOR SITE INSTALLATION
CIP Project # 665A - JULY 14, 2015

PROJECT SUMMARY	GENERAL NOTES	CODES & STANDARDS	PROJECT TEAM	OWNER SIGNATURES	SHEET LIST
<p>Installation Coversheet Notes The Owner shall provide a list and a map to each of the bus stops to be improved, along with which product package will be provided at each location (Project Site). Typical site plans are shown for installation. These include minimum dimensions for accessibility, foundation work and location of the product package. The installation Contractor shall visit each bus stop site, prior to installation, to familiarize themselves with existing site conditions. The Contractor shall coordinate adjustments to the typical site plans, based upon existing conditions, with the Owner. The scope of the installation Sub-Project is limited to site preparation, selective demolition, traffic control/ pedestrian safety, foundation work and installation of Product Package, as indicated in the Installation Drawings and Specifications. Unless directed otherwise, the Owner shall provide fully assembled Product Packages, and associated hardware (completed under the Fabrication Sub-Project) to the installation Contractor for installation on the Project Sites.</p>	<ol style="list-style-type: none"> This dwg set includes the site work and installation of bus shelter product packages a,b and c, as shown on sheets 3.0 - 3.2 only, the set does not include fabrication of the shelters or any components. All tube steel to tube steel connections shall be continuously welded all round with 3/16" min. Fillet or butt welds. Grind all welds smooth. Individual site conditions vary, unless otherwise specified in the drawings, install product package with clear wheelchair space and wheelchair lift loading zone to match typical site plans to the best extent possible. Install product package a at the back of sidewalk leaving 36" clear min., in front of the sign. Shelters are to be installed level. Install base plates level on their concrete footing or level base plates using steel washers. Adjust sleeved foot to level shelters and bolt securely on field. Contractor shall remove existing bus shelters, bench signs, and stand-alone signs, fill in and compact any holes with clean fill to 95% compaction. Ensure that there is a minimum of 36" clear sidewalk space between the front edge of all product packages to the back of curb. Ensure that the front edge of the shelter roof of all product packages is set back 15 1/2" from the back of curb. In case of any discrepancies on site, call the architect for clarifications prior to fabrication and installation. Utilize ACI 318-08 building code requirements for structural concrete. 	<ol style="list-style-type: none"> IBC-09 International Building Code 2009 ASCE/SEI 7-05 Minimum Design Loads For Buildings & Other Structures AISC 360-05 Specification For Structural Steel Buildings AISC 341-05 Seismic Provisions For Structural Steel Buildings AISC Manual of Steel Construction 13th Edition ANSI/SDI RD1.0-06 Standard For Steel Roof Deck ASTM A1069 Standard Specification For Zinc-Coated Steel AAMA 2605 Standard Specification For Paints & Architectural Powder Coatings ASTM D3451 Standard Specification For Testing Coating Powders & Powder Coatings ASTM A460 Standard Specification For The General Requirements For Carbon & Low Alloy Steel Tubes. ACI 318-08 Building Code Requirements For Structural Concrete Code - Steel AWS D1.3-08 Structural Welding Code - Sheet Steel. ICC/ANSI A117.1-2003 ADA-ABA Accessibility Guidelines 2010. 	<p>OWNER City of Santa Fe Project Manager: Mary MacDonald City of Santa Fe Public Work Department Facilities Division Santa Fe, NM 87501 Ph: 505.955.5934 Fax: 505.955.5939</p> <p>ARCHITECT OF RECORD autotroph Project Architect: Alexander Dzurec 422 Greg Ave Santa Fe, NM 87501 Ph: 505.216.7555</p> <p>STRUCTURAL ENGINEER Chavez-Grievies Project Engineer: George Bradley 4700 Lincoln Rd. NE Suite 102 Albuquerque, NM 87109 Ph: 505.344.4080 Fax: 505.343.8759</p>	<p>Please sign and date above the line.</p> <p>Director Public Works Department</p> <p>Director Santa Fe Trails</p> <p>Director Facilities Division</p> <p>Historic Preservation Division</p> <p>ADA Coordinator</p>	<p>CS-2 COVER SHEET FOR INSTALLATION GENERAL NOTES FOR SITE INSTALLATION 3.0 3.1 3.2 SITE INSTALLATION & DETAILS</p>
<p>DESIGN CRITERIA</p> <p>VERTICAL: ROOF LIVE LOAD: LR = 20'R1R2 REDUCTION FACTOR BASED ON TRIB. AREA R1 = 1.0 REDUCTION FACTOR BASED ON ROOF SLOPE R2 = 1.0</p> <p>SNOW LOAD GROUND SNOW LOAD PG=25 PSF FLAT ROOF SNOW LOAD** PF=25 PSF SNOW EXPOSURE FACTOR CE= 1.0 SNOW LOAD IMPORTANCE FACTOR IS= 1.0 THERMAL FACTOR CT= 1.0</p> <p>**INCLUDES 5 PSF RAIN-ON SNOW SURCHARGE LOAD</p>					
<p>HORIZONTAL: WIND BASIC WIND SPEED 90 MPH WIND IMPORTANCE FACTOR IW = 1.0 BUILDING CATEGORY II EXPOSURE C</p>					
<p>Santa Fe Trails Bus Shelters Ph 2 CIP Project #665A</p> <p>Cover Sheet 2 Site Installation</p> <p>Project Name: 5922 Date: 14 JULY, 2015 Drawn by: AD Checked by: AD</p> <p>CS-2</p>					

BUS SHELTERS PHASE 2 CIP PROJECT # 665A

LIST OF LOCATIONS FOR NEW SHELTERS

TYPE A = 70 w/SIGN PANELS

TYPE B = 10 w/SIGN PANEL & BENCH ASSEMBLY

TYPE C = 6 w/SHELTERS WITH ROOFS

SIGN					
PANEL	BUS STOP	STREET / INTERSECTION		BUS	DIRECTION
NO.	NO.	NS = near side	FS = far side	ROUTE	
C1	94056	Airport Rd. NS Tierra Real		1	Inbound C1
A12	96031	Airport Rd. OPS Paseo del Sol		1	Inbound A12
A70	15001	Airport @ Metro PCS		24	outbound A70
A7	99001	Jaguar FS South Meadow Rd.		1	Inbound A7
A2	99003	Paseo del Sol FS Jaguar		1	Inbound A2
A9	94084	Aqua Fria FS Guadalupe Ave.		1	Inbound A9
A8	94081	Aqua Fria NS St. Francis Rd.		1	Inbound A8
C2	94006	Aqua Fria NS St. Francis Rd.		1	outbound C2
B2	94078	Aqua Fria NS Camino Alire		1	Inbound B2
A38	96042	Cam Alire NS Alto St.		5	inbound A38
A1	94076	Aqua Fria FS Larragiotte Elem. School		1	Inbound A1
A6	94073	Aqua Fria FS Osage Ave.		1	Inbound A6
B1	94071	Aqua Fria FS Maez Rd.		1	Inbound B1
A10	94016	Aqua Fria OPS Maez Rd.		1	outbound A10
A5	94070	Aqua Fria FS Harrison Rd.		1	Inbound A5
A11	94017	Aqua Fria FS Harrison Rd.		1	outbound A11
A4	94069	Aqua Fria FS Siler Park Lane		1	Inbound A4
A3	94068	Aqua Fria NS Cottonwood Village		4	inbound A3
C3	94031	Aqua Fria NS Cottonwood Village		4	outbound C3
A60	2015	Camino de Cruz Blanca @ S.F. Prep. School		M	inbound A60
A61	2017	Camino de Cruz Blanca NS St. John's College Ent		M	inbound A61
A66	96159	Camino de Cruz Blanca OPS St. John's College		M	outbound A66
A13	2007	Cam. Ortiz @ UPS		1	outbound A13
A34	96187	Camino Carlos Rey FS Siringo Rd.		4	outbound A34
A16	94201	Camino Carlos Rey NS Alamosa Dr.		4	inbound A16
A15	94200	Camino Carlos Rey OPS Vereda de Pueblo		4	inbound A15
A14	94199	Camino Carlos Rey NS Calle Anna Jean		4	inbound A14
A27	94129	Cerrillos Rd. NS Paseo de Peralta		4	inbound A27
A28	94087	Cerrillos Rd. NS Paseo de Peralta		4	outbound A28
A29	94233	Cordova Rd. FS Wells Fargo Bank		4	outbound A29
A26	2045	Don Diego Ave. NS Adela St.		4	inbound A26
A25	96071	Don Diego Ave. NS Camino de los Marque		4	inbound A25
A47	96090	Don Gaspar Ave. NS Paseo de Peralta		6	outbound A47
A63	2059	E. Alameda NS Old Santa Fe Trl		M	inbound A63
A67	2053	E. Alameda St. NS Old Santa Fe Trail.		M	outbound A67
A62	2030	E. Alameda St. @ City Parking lot		M	inbound A62
A68	2054	E. Alameda St. OPS City Parking Lot		M	outbound A68
A48	96092	Galisteo St. FS Cordova Rd.		6	outbound A48
A39	94131	Grant Ave. NS Catron St.		5	outbound A39
A65	94222	Guadalupe St. FS Montezuma Ave.		M	inbound A65
A64	96067	Guadalupe St. NS Read St.		M	inbound A64
A32	94176	Pacheco St. NS Siringo Rd.		4	outbound A32
A20	96070	Pacheco St. @ Post Office Building		4	inbound A20

BUS SHELTERS PHASE 2 CIP PROJECT # 665A

LIST OF LOCATIONS FOR NEW SHELTERS

TYPE A = 70 w/SIGN PANELS

TYPE B = 10 w/SIGN PANEL & BENCH ASSEMBLY

TYPE C = 6 w/SHELTERS WITH ROOFS

SIGN			BUS	DIRECTION	
PANEL	BUS STOP	STREET / INTERSECTION	ROUTE		
NO.	NO.	NS = near side FS = far side			
A21	94214	Pacheco St. NS St. Michael's Dr.	4	inbound	A21
A22	94215	Pacheco St. NS San Mateo Rd.	4	inbound	A22
B4	96077	Pacheco St. OPS Post Office Building	4	outbound	B4
A40	2004	Perimeter Rd NS Paseo de Peralta	5	outbound	A40
B6	94154	Placita de Oro FS W. Alameda St.	5	inbound	B6
A57	6002	Rodeo Park East @ Eye associates	6	outbound	A57
A43	6001	Rodeo Park east FS Vivigen way	6	inbound	A43
A58	6003	rodeo Park west NS Vivigen way	6	outbound	A58
A44	6005	Rodeo rd. @ Rainbow Vision	6	inbound	A44
A59	96121	Rodeo Rd. @ State Building	6	outbound	A59
A42	96135	Rodeo Rd. FS Calle de Don Quixote	6	inbound	A42
B9	94195	Rodeo Rd. FS Paseo de los Pueblos	6	inbound	B9
B8	94194	Rodeo Rd. FS Paseo de los Pueblos	6	inbound	B8
A18	3005	Rodeo Rd. NS Rodeo Ln	4	inbound	A18
A55	6012	Rodeo Rd. Via Antigua	6	outbound	A55
B7	2001	Sabino St. NS Guadalupe St.	5	inbound	B7
C5	96078	San Mateo Rd. @ NMSTHD Building	4	inbound	C5
A52	96116	Sawmill Rd. NS Enclave Apts.	6	outbound	A52
A53	5008	Sawmill Rd. NS Pradera	6	outbound	A53
A54	5009	Sawmill Rd. NS Ventoso	6	outbound	A54
A46	2051	Botulph Rd. NS Chavez Rd	6	inbound	A46
A50	2062	Botulph Rd. NS Zia Rd	6	outbound	A50
A37	94244	St. Michael's Dr. NS Llano St.	5	inbound	A37
A19	2035	Siringo Rd. FS Llano	4	inbound	A19
A49	94177	Siringo Rd. @ St. Michael's High School	6	outbound	A49
A33	2038	Siringo Rd. FS Llano St.	4	outbound	A33
C4	94205	Siringo Rd. FS Yucca St.	4	inbound	C4
A31	94183	Siringo Rd. OPS Alamosa Place	4	outbound	A31
A17	94202	Siringo Rd. FS Camino Carlos Rey	4	inbound	A17
B3	94169	St. Francis Dr. FS Columbia St.	4	outbound	B3
A23	94218	St. Francis Dr. NS Columbia St.	4	inbound	A23
A30	94168	St. Francis Dr. FS Alta Vista St.	4	outbound	A30
A24	94219	St. Francis Dr. NS Alta Vista St.	4	inbound	A24
C6	94167	St. Francis Dr. FS Cordova Rd.	4	outbound	C6
A41	94253	St. Michael's Dr. NS Pacheco St.	5	outbound	A41
A36	94241	St. Michael's Dr. NS Pacheco St.	5	inbound	A36
A35	94239	St. Vincent Hospital	5	inbound	A35
B5	94152	W. Alameda St. OPS Sicomoro St.	5	inbound	B5
A51	96114	Zia Rd. FS Capshaw Jr. High School	6	outbound	A51
B10	2063	Zia Rd. NS Botulph	6	inbound	B10
A69	94153	W. Alameda St. OPS Solana Dr.	5	inbound	A69
A45	2042	Zia Rd OPS Villa Real Apts.	6	inbound	A45
A56	5005	2905 East Rodeo Park	6	outbound	A56

