

**MINUTES OF THE PARK & RECREATION COMMITTEE**  
**Held at City Hall**  
**November 27, 2017**

In attendance: Larry Bonderud, Debbie Clark, Lyle Kimmet, Chip Miller, Loren Skartved and Eric Tokerud.

**Ice Skating Rink Area**

Payson Asper did a presentation on the grand opening of the Shelby Ice Rink, December 8<sup>th</sup> from 6pm – 8pm located at Aronow Park. There will be music and hot chocolate and a food drive for our local food pantry

**Splash Park/Swimming Pool**

Handicapped accessible playground equipment for the Splash Park. It would be placed in the swing area (see attached). Grant funds of \$10,000 and matching funds of \$15,000.

Loren has solicited playground equipment information for the Splash Park as there is funding available through the Montana Accessible Playgrounds Program. The grant maximum is \$10,000 with a 1:1 match requirement.

**The Committee voted to present this project to the City Council at a cost of \$24,980.61 with the matching money coming from the Park Maintenance District.**

**Forestry/Tree Board**

The City's Tree City USA application has been submitted. Once our State Forester approves, the Growth Award can be applied for. There is no funding, but we are recognized through the Arbor Day Foundation. This will be the 18<sup>th</sup> year of recognition.

The Arbor Day grant opportunity of \$750.00 will be published December 1st which we will apply for trees.

Lorette presented the Montana Recreational Trail Program grant opportunity. The committee discussed potential projects for the Roadrunner Recreation Trail as previous applications for the Heights Trail have been directed to the MAPS 21 program for shared-use pathways.

**The Committee voted to present this project to the City Council for the purchase of equipment with sweeping and shovel capabilities for the Roadrunner Trail for year-round use and possibly an additional parking/trail section along the Archery Range side of the trail for picnics, bird watching, etc.**

Submitted by:

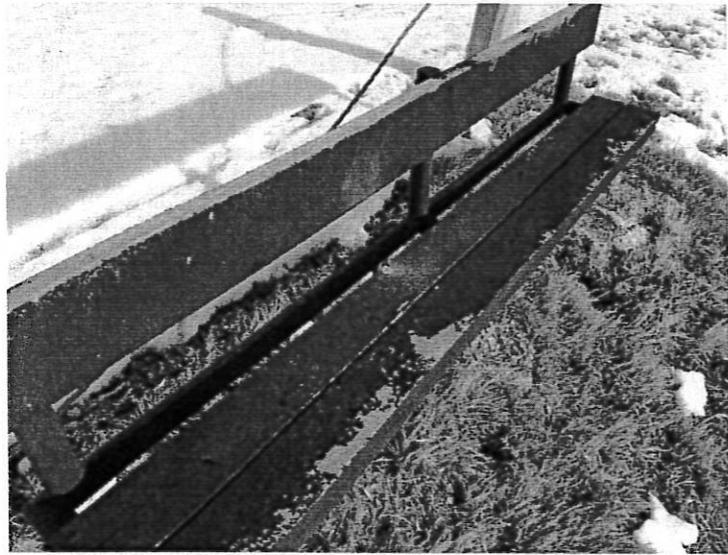
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Tammy Pederson



# Ice Skating Rink Area

ARONOW PARK - SHELBY, MT





**JOIN US**

DECEMBER 8 FROM 6:00 - 8:30 PM

**FOR THE**

ARONOW PARK • SHELBY, MT

**GRAND OPENING**

MUSIC AND HOT CHOCOLATE

**OF THE**

FOOD DRIVE FOR OUR LOCAL FOOD PANTRY

**SHELBY ICE RINK**

\$2 RENTALS OR FREE WITH A CAN OF FOOD

RENTALS ARE LIMITED

PLEASE BRING YOUR OWN SKATES



### A. Sensory Wave Horseshoe Arch

#3208	Base Horseshoe Arch	\$7,617
#4685	Bronze Package	\$4,208
#4686	Silver Package	\$6,927
#4687	Gold Package (shown)	\$12,074

ASTM Use Zone: 25'11" x 23'7" (7.9m x 7.2m)  
 Recommended Ages: 2 to 5 or 5 to 12.

### B. Sensory Wave Transfer

#3210	Base Transfer	\$3,574
#4697	Gold Package (shown)	\$2,102

ASTM Use Zone: 21'4" x 16'11" (6.5m x 5.2m)  
 Recommended Ages: 2 to 5 or 5 to 12.

### C. Sensory Wave Corner Arch

#3207	Base Corner Arch	\$5,207
#4691	Bronze Package	\$3,236
#4692	Silver Package	\$5,834
#4693	Gold Package (shown)	\$8,459

ASTM Use Zone: 30'11" x 19'2" (9.4m x 5.8m)  
 Recommended Ages: 2 to 5 or 5 to 12.

### D. Sensory Wave "S"

#3209	Base S	\$4,892
#4694	Bronze Package	\$5,892
#4695	Silver Package	\$7,216
#4696	Gold Package (shown)	\$12,554

ASTM Use Zone: 29'5" x 19'8" (9m x 6m)  
 Recommended Ages: 2 to 5 or 5 to 12.

### E. Sensory Wave Arch

#3206	Base Arch	\$4,002
#4688	Bronze Package	\$2,006
#4689	Silver Package	\$3,401
#4690	Gold Package (shown)	\$6,026

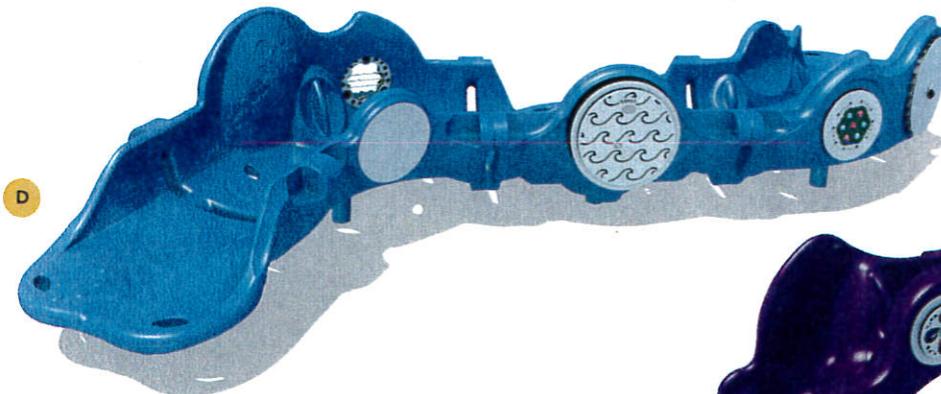
ASTM Use Zone: 28'2" x 15'2" (8.5m x 4.6m)  
 Recommended Ages: 2 to 5 or 5 to 12.

Base configurations and sensor packages are priced and sold separately. Order one sensor package per configuration.

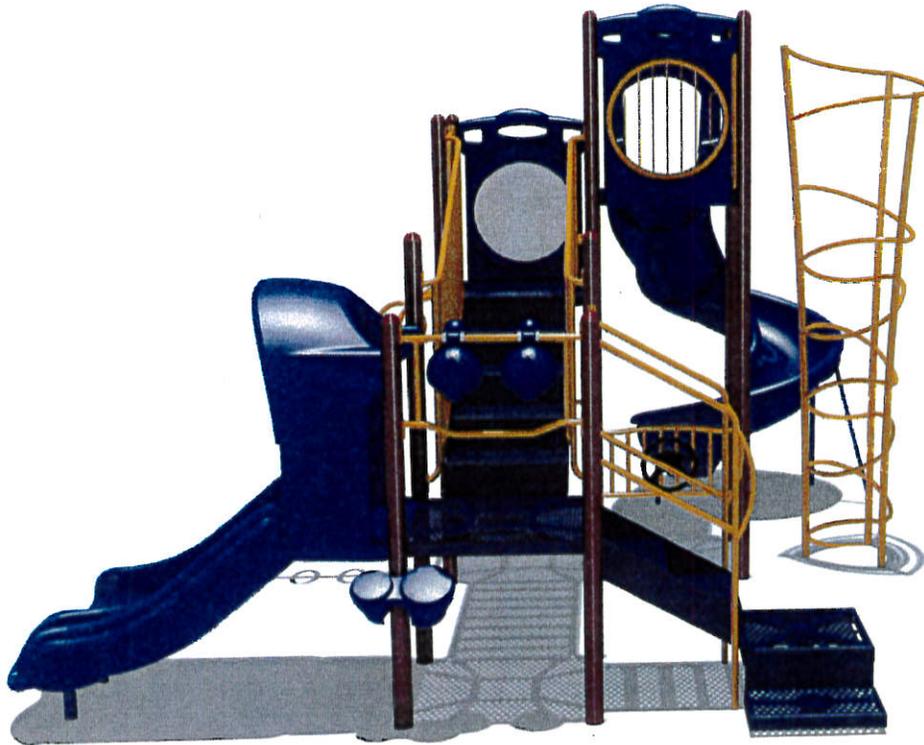
#### INCLUSIVE BENEFIT

With nearly two dozen sensors to choose from, this is **the industry's first climber to provide a customizable sensory play experience**. The unique design allows front reach capability from a mobility device. It's an inclusive climbing and sensory play combo unlike any other.

View all configurations at [gametime.com/sensorywave](http://gametime.com/sensorywave)

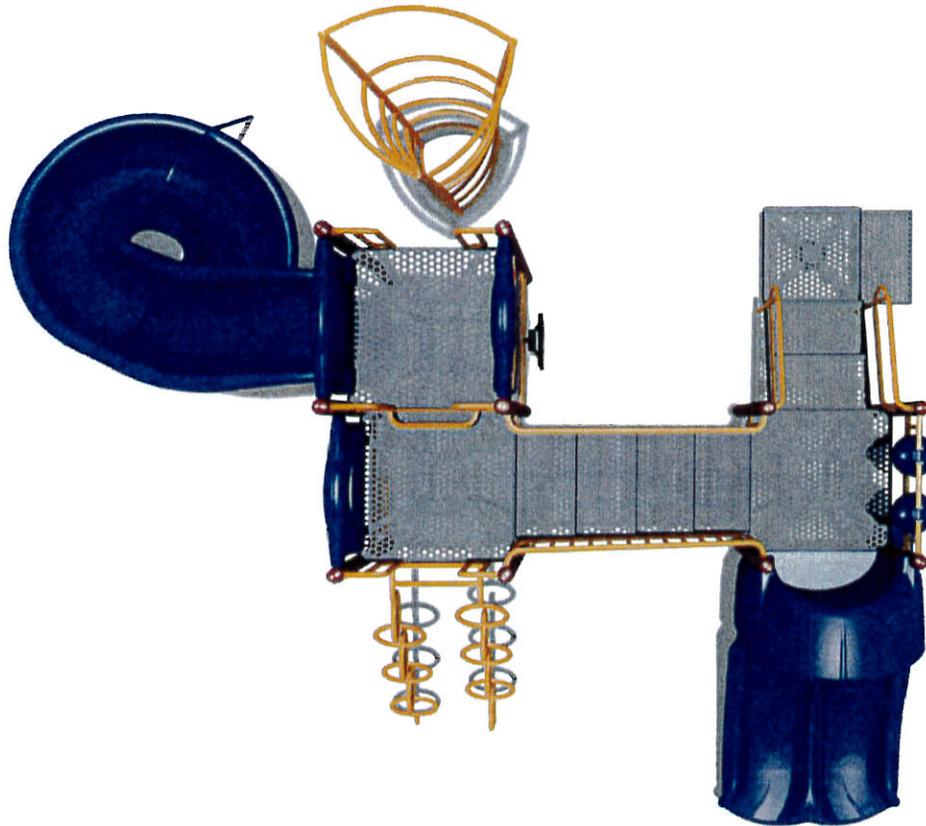


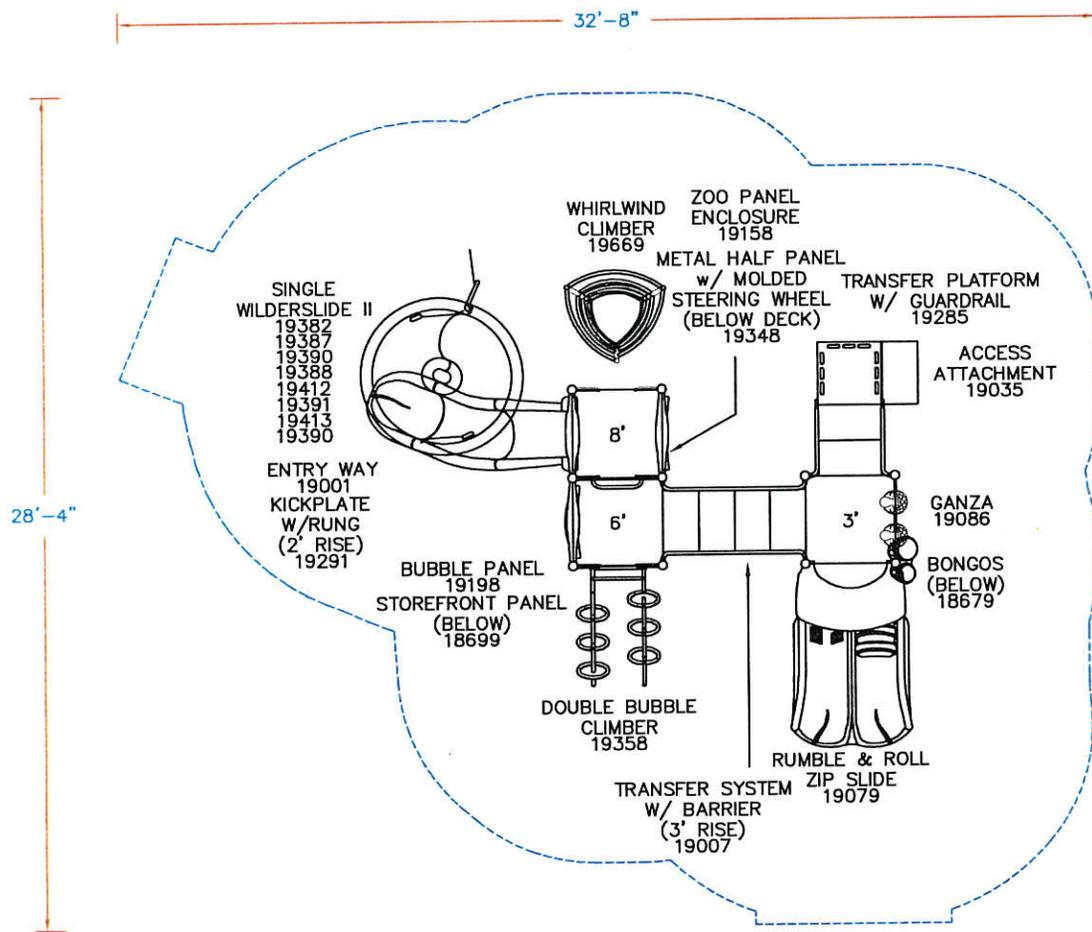













 Sales Representative: Taggart Castleton  
 Project Manager: Carlene Eliason  
 taggart@gwpark.com | carlene@gwpark.com  
 714-331-8895 | 435-245-5055

**GameTime**  
 A PlayCore Company  
 150 PlayCore Drive SE  
 Fort Payne, AL 35967  
 www.gametime.com



City of Shelby  
 Shelby, MT  
 Representative  
 Great Western

This unit includes play events and routes of travel specifically designed to meet the 2010 DOJ ADA (Americans with Disabilities Act) Standards for Accessible Design.

Total Elevated Play Components	9	Required	0
Total Elevated Play Components Accessible By Ramp	0	Required	0
Total Elevated Components Accessible By Transfer	5	Required	5
Total Accessible Ground Level Components Shown	3	Required	3
Total Different Types Of Ground Level Components	3	Required	3

This play equipment is recommended for children ages 5 - 12

Minimum Area Required:  
 Scale:  
 This drawing can be scaled only when in an 18" x 24" format

**IMPORTANT:** Soft resilient surfacing should be placed in the use zones of all equipment, as specified for each type of equipment, and at depths to meet the critical fall heights as specified by the U.S. Consumer Product Safety Commission, ASTM standard F 1487 and Canadian Standard CAN/CSA-Z-614

Drawn By: CE  
 Date: 11/16/17  
 Drawing Name: City of Shelby



A PLAYCORE Company

Great Western Recreation  
P.O. Box 97 Wellsville, UT 84339  
435-245-5055  
www.gwpark.com

QUOTE  
#90969

11/16/2017

### City of Shelby

City of Shelby  
Attn: Loren Skartved  
50 City Shop Road  
Shelby, MT 59474  
Phone: 406-450-4319  
loren@3rivers.net

Project #: P67662  
Ship To Zip: 59474

Quantity	Part #	Description	Unit Price	Amount
1	RDU	Game Time - Windward Structure	\$23,214.00	\$23,214.00
1	178749	Game Time - Owner'S Kit	\$50.00	\$50.00
1	3210	Game Time - FS Sensory Wave Ground Level Transfer	\$3,574.00	\$3,574.00

Ship To: 50 City Shop Road  
Shelby, MT 59474

SubTotal:	\$26,838.00
Discount:	(\$5,357.60)
Material Surcharge:	\$604.23
Freight:	\$2,895.98
<b>Total Amount:</b>	<b>\$24,980.61</b>

If not ordered by Dec 6 2017 you will need an updated quote

Material surcharge reflects 2018 pricing.

\*Freight charges are based on listed zip code and are subject to change, if shipping information changes.  
Customer is responsible for offloading. No sitework, surfacing, or installation is included.

\*\*\*Note: If you are issuing a P.O. or CONTRACT please make it payable to GameTime C/O Great Western. Checks should also be made payable to Gametime C/O Great Western\*\*



Taggart Castleton  
taggart@gwpark.com

Carlene Edason  
Carlene@gwpark.com

# City of Shelby

QUOTE  
#90969

11/16/2017

**\*\*\*Note: If you are issuing a P.O. or CONTRACT please make it payable to GameTime C/O Great Western. Checks should also be made payable to Gametime C/O Great Western\*\***

## Payment Options

**Credit Orders** - Complete a Gametime Credit Application in order to receive approved credit. Allow 7-10 business days for processing time. An order deposit may be required.

**Credit Card Orders** - Visa, Mastercard, or American Express. Your credit card will be charged by Gametime.

**Cash on Delivery(COD)** - Cashiers Check ONLY made out to Gametime C/O of Great Western

This quotation is subject to policies in the current GameTime Park and Playground Catalog and the following terms and conditions. Our quotation is based on shipment of all items at one time to a single destination, unless noted, and changes are subject to price adjustment. Purchases in excess of \$1,000.00 to be supported by your written purchase order made out to GameTime, c/o Great Western. Kindly issue one order for the equipment and a separate order for surfacing and/or equipment installation services.

**Pricing: f.o.b. factory, firm for 10 days from date of quotation.**

Payment terms: payment in full, net 30 days subject to approval by GameTime Credit Manager. A 1.5% per month finance charge will be imposed on all past due accounts. Equipment shall be invoiced separately from other services and shall be payable in advance of those services and project completion. Retainage not accepted.

Shipment: order shall ship within 30-45 days after GameTime's receipt and acceptance of your purchase order, color selections, approved submittals, and receipt of deposit, if required. **Damaged goods and/or shortages must be reported within 30 days of receipt of shipment in order to receive full credit. Please inspect and inventory all items received and list all damaged and missing goods on the bill of lading provided by the freight driver. Credit will not be given on items reported outside the 30 day time period.**

Freight charges: Prepaid and added at time of invoicing.

Taxes: State and local taxes, if applicable, will be added at time of invoicing unless a tax exempt certificate is provided at the time of order entry.

Receipt of goods: Customer shall receive, unload and inspect goods upon arrival, noting any discrepancies on the Delivery Receipt prior to written acceptance of the shipment.

**Exclusions:** unless specifically included, this quotation excludes all site work and landscaping; removal of existing equipment; acceptance of equipment and off-loading; storage of goods prior to installation; equipment assembly and installation; safety surfacing; borders and drainage provisions. Unless specifically included, this quotation also excludes drawings and permits. This quotation also excludes impact testing and independent audits unless specifically included.

Submittals: our design proposal reflects the spirit and intent of the project plans and specifications. While some variations may exist between our quotation and the project design, the differences do not materially affect the intended use. GameTime designs and specifications are unique and not intended to be identical in all respects to other manufacturers. When requested we shall submit for review and approval by the owner's representative detailed drawings depicting the equipment to be furnished accompanied by specifications describing materials. Once approved, these drawings and specifications shall constitute the final documents for the project and shall take precedence over all other requirements.

To order: Please complete the acceptance portion of this quotation and provide color selections, purchase order copy and other key information requested. Acceptance of this proposal indicates your agreement to the terms and conditions stated herein.

Site Dimensions: Confirmation of final site dimensions and use zones are the responsibility of the owner.

Use Zones: Use zones shown are minimum safety zones required and should be clear of any overhead obstructions and any other encroachments. Please refer to ASTM 1487-07 a e1 for additional information regarding using zones and placement of playground equipment.



Taggart Castleton  
taggart@gwepark.com

Carlene Ellison  
Carlene@gwepark.com

City of Shelby

QUOTE #90969

11/16/2017

\*\*\*Orders cannot be processed without color options. Please list your color choice below.

Color Palette Name \_\_\_\_\_

Enter Desired Custom Colors:

Uprights (Metal): \_\_\_\_\_ Decks: \_\_\_\_\_

Accents/Arches (Metal): \_\_\_\_\_ Plastics: \_\_\_\_\_

Roofs: \_\_\_\_\_ Rock Plastics: \_\_\_\_\_

Handgrips: \_\_\_\_\_ Tubes (Plastic): \_\_\_\_\_

HDPE: \_\_\_\_\_ 2 Color HDPE: \_\_\_\_\_

THIS QUOTATION IS SUBJECT TO POLICES IN THE CURRENT GAMETIME PARK AND PLAYGROUND CATALOG AND THE FOLLOWING TERMS AND CONDITIONS. OUR QUOTATION IS BASED ON SHIPMENT OF ALL ITEMS AT ONE TIME TO A SINGLE DESTINATION, UNLESS NOTED, AND CHANGES ARE SUBJECT TO PRICE ADJUSTMENT. PURCHASES IN EXCESS OF \$1,000.00 TO BE SUPPORTED BY YOUR WRITTEN PURCHASE ORDER MADE OUT TO GAMETIME, C/O GREAT WESTERN.

Order Information:

Bill To: \_\_\_\_\_ Ship To: \_\_\_\_\_

Company: \_\_\_\_\_ Contact: \_\_\_\_\_

Billing Contact: \_\_\_\_\_ Address: \_\_\_\_\_

Address: \_\_\_\_\_ City, State, Zip: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_ Tel: \_\_\_\_\_

Tel: \_\_\_\_\_ Email: \_\_\_\_\_

Email: \_\_\_\_\_

Customer's Signature: \_\_\_\_\_



Taggart Castleton taggart@gwpark.com

Carlene Ellison Carlene@gwpark.com



700 W. Mississippi Ave  
 STE E3  
 Denver, CO 80223

# Quote

**Date** 10/31/2017  
**Quote #** QT1131432  
**Expires** 11/30/2017  
**Sales Rep** Burd, Dale E  
**PO #** Todd Howell  
**Shipping Method** FedEx Ground

**Bill To**  
 SHELBY VOL. FIRE DEPT  
 Box 310  
 Shelby MT 59474

**Ship To**  
 SHELBY VFD  
 466 Park Ave  
 Shelby MT 59474  
 United States

Item	Alt. Item #	Units	Description	QTY	Unit Sales Pri...	Amount
Scott X3	X3714022200...		X3714022200304 Scott X3 Scott X3 Pro 4.5 pack with snap change, Standard harness with parachute buckles, regulator with quick disconnect, Pak-Tracker	25	6,160.00	154,000.00
200129-01			4.5-45MIN CARB CYL&VLV NXG	25	1,070.00	26,750.00
200129-01			4.5-45MIN CARB CYL&VLV NXG	25	0.00	0.00
201215-02			AV-3000 HT (M), KVLR	19	279.00	5,301.00
201215-03			Scott Safety AV-3000 HT Facepiece with Kevlar Head Harness (Large)	6	279.00	1,674.00

**Subtotal** 187,725.00  
**Shipping Cost (FedEx Ground)** 0.00  
**Total** \$187,725.00

This Quotation is subject to any applicable sales tax and shipping & handling charges that may apply. Tax and shipping charges are considered estimated and will be recalculated at the time of shipment to ensure they take into account the most current local tax information.

All returns must be processed within 30 days of receipt and require a return authorization number and are subject to a restocking fee.

Custom orders are not returnable. Effective tax rate will be applicable at the time of invoice.



QT1131432

## Shelby Fire Department Air Pack proposal 2017

The Shelby Fire Department has 25 self-contained breathing apparatus (SCBA) in the inventory. These SCBA have become outdated and are in need of a replacement upgrade. Recently, the fire department has looked into the possibility of upgrading the SCBA through several avenues.

The Shelby Fire Department has received a grant for \$20,000 to be used toward the purchase of new SCBA. While pursuing the idea of beginning the process for updating the SCBA harnesses and bottles, the department has decided to move away from the MSA manufacturer to the Scott manufacturing company. Since the entire inventory of harnesses and bottles require replacement, this is a logical time to make the move. The following is a price breakdown per bottle and a proposal to purchase the entire inventory with a plan to upgrade the inventory in gradual steps in the future.

The price per set (harness, and 2 bottles) is \$7505.00.

To purchase 25 sets, we would need \$187,725.00.

Our proposal would be to get a government loan to purchase all 25 sets with a \$32,000.00 down payment. We will use the grant money and county savings money of \$12,000 for the down payment. We would need a

commitment from the city to make payments on the 5 or 6 year loan.

At the end of the loan, we would move forward with the purchase of 4 harness and bottle sets that would be less than or equivalent to the payment each year because all manufacturers only give a 15 year lifespan to SCBA. We should not run into the situation where a large number of bottles and harness expire at the same time like we are facing today.

We are asking for city and county support to ensure the safety of our firefighters on the 80 to 100 calls we respond to each year.

Thank you,  
Todd Howell  
Shelby Fire Chief.

## Change Order No. 1

Date of Issuance: June 28<sup>th</sup>, 2016

Effective Date: June 28<sup>th</sup>, 2016

Project: Shelby Storm Water Improvements	Owner: City of Shelby	Owner's Contract No.:
Contract: Shelby Storm Water Improvements		Date of Contract: TBD
Contractor: Helena Sand and Gravel		Engineer's Project No.: 4413021

The Contract Documents are modified as follows upon execution of this Change Order:

Description:	DECREASE (In Contract Price)	INCREASE (In Contract Price)
1. <b>Update Base Bid</b>	\$2,482,757.00	\$
2. <b>Update Alternate E</b>	\$	\$207,251.00
3.	\$	\$
<b>TOTALS:</b>	\$	\$
<b>NET CHANGE IN PRICE</b>	<b>\$2,482,757.00</b>	<b>\$207,251.00</b>

Attachments/Justification (list documents supporting change):

1. **Update Base Bid** - Since the project was bid SRF has been included as part of the funding strategy. The following SRF conditions shall be incorporated into the project documents for the Modified Base Bid:
  - a. Include the attached "Instructions to Bidders" dated April 2014 to be a part of the specifications.
  - b. Include the attached "Section 00900 Funding Agency Special Provisions for Montana Public Facility Projects" dated April 2014 to be a part of the specifications. Following are some of the requirements of Section 00900:
    - i. Complete Debarment Certification Form
    - ii. Comply with wage rate requirements. The contractor must pay each classification the higher of either the Montana Prevailing Wage Rates or the Federal Davis-Bacon Prevailing Wage Rates. The wagger rates have been attached to this Change Order and replace the wage rates that were included in the bidding documents.
    - iii. Include a project sign.
    - iv. Meet the Equal Employment Opportunity and Affirmative Action Requirements
    - v. Provide evidence of "Good Faith Effort" for DBE solicitation and complete DBE Forms
    - vi. MDT and SRF American Iron and Steel Requirements must be met. Manufacturer's certification must be included with the project submittals. Once the project is complete the contractor and sub-contractors must provide signed compliance certification forms. This does include the rebar in the RCP, manhole lids, inlets, all castings, etc.
  - c. Include the following language to be part of the specifications:

- i. During the course of any excavation in the areas adjacent to the identified site, should the contractor sense the presence of any petroleum odor, visible sheen or otherwise determine that contamination is present, they must stop further excavation and backfill related activities, provide workers with appropriate worker safety equipment or otherwise vacate the immediate site and contact the Montana Department of Environmental Quality for investigation and follow-up at the contact information provided at the end of this section. Appropriate worker safety provisions must be followed to ensure the safety of workers who may be exposed to chemicals during the course of work. The Bidder is responsible to investigate the safety requirements and provide workers with instruction and protective equipment to ensure their wellbeing in accordance with all applicable laws, rules or industry standards.

**Identified Contamination** - There are three State Superfund sites of low priority identified within the project area. These include the Burlington Northern Facility, Treasure State Refining and the Western Area Power Administration Substation.

There are several listed Leaking Underground Storage Tank facilities within the project area as well. These sites are registered within the LUST database administered by the Remediation Division within Montana DEQ and further information can be secured from the Department.

**For more information**

Moriah Bucy, State Superfund Section Supervisor  
Remediation Division

Montana Department of Environmental Quality  
PO Box 200901

Helena, MT 59620-0901

Phone 406-444-6444

Or

Rebecca Ridenour, Petro Section Supervisor  
Remediation Division

Montana Department of Environmental Quality  
PO Box 200901

Helena, MT 59620-0901

Phone 406-444-6436

- d. Since the project was bid it has been determined that wetland credits can be purchased more economically than if the City was to construct its own wetland for mitigation purposes; therefore the wetland construction will be removed from the Base Bid. The proper environmental permits have been obtained through the Army Corp of Engineers. Also, since the project was bid an additional 75 lineal feet of 30" RCP will be required by MDT. The attached plan sheet D-21 is to be made a part of the project. Due to availability of funding four sections of storm water collection main will also be removed from the project. Please reference the attached "Construction Exhibit".

2. **Incorporate the SRF Conditions into Alternate E** - Incorporate all SRF Conditions identified above into Alternate E.

**CHANGE IN PRICE:**

**CHANGE IN TIMES:**

Original Price:

Base Bid - \$5,630,669.00  
Alternate E - \$2,640,927.00

Increase/Decrease from previously approved Change Orders No. \_\_\_\_ to No. \_\_\_\_:

\$NA

Price prior to this Change Order:

Base Bid - \$5,630,669.00  
Alternate E - \$2,640,927.00

Increase/Decrease of this Change Order:

Base Bid - Decrease \$2,482,757.00  
Alternate E - Increase \$207,251.00

Price incorporating this Change Order:

Base Bid - \$3,147,912.00  
Alternate E - \$2,848,178.00

Original Times:

Working days  Calendar days

Substantial completion (days or date): October 31<sup>st</sup>, 2016

Ready for final payment (days or date): December 31<sup>st</sup>, 2016

Increase/Decrease from previously approved Change Orders No. \_\_\_\_ to No. \_\_\_\_:

Substantial completion (days): NA

Ready for final payment (days): NA

Times prior to this Change Order:

Substantial completion (days or date): October 31<sup>st</sup>, 2016

Ready for final payment (days or date): December 31<sup>st</sup>, 2016

Increase/Decrease of this Change Order:

Substantial completion (days or date): June 30<sup>th</sup>, 2018

Ready for final payment (days or date): August 31<sup>st</sup>, 2018

Times with all approved Change Orders:

Substantial completion (days or date): June 30<sup>th</sup>, 2018

Ready for final payment (days or date): August 31<sup>st</sup>, 2018

RECOMMENDED:

By: [Signature]  
Engineer (Authorized Signature)

Date: June 28<sup>th</sup>, 2016

Approved by Funding Agency (if applicable):

ACCEPTED:

By: [Signature]  
Owner (Authorized Signature)

Date: 6-29-2016

ACCEPTED:

By: [Signature]  
Contractor (Authorized Signature)

Date: 6-28-2016

Date: \_\_\_\_\_

### DBE REQUIREMENTS

BIDDER'S attention is directed to Section 00900 (Funding Agency Special Provisions for Montana Public Facility Projects) of these Contract Documents. The successful BIDDER shall comply with all applicable articles therein.

DBE solicitation requirements are located in Section 1.05.2 [Guidance for Utilization of Small, Minority, and Women Business Enterprises (DBE) Requirements of 40 CFR 35.3145 (D)] of Section 00900. An online DBE quote request form is available to BIDDERS at <http://www.mdt.mt.gov/business/contracting/civil/quotereq.shtml>. The BIDDER should fill out and submit the quote request form as early in the bidding period as possible to allow sufficient time for qualified DBE firms to respond. A DBE must be certified as such by a state or federal agency (e.g., the Small Business Administration, the Department of Transportation, or EPA) or by a state, local, or independent private organization, provided their criteria match those under section 8(a) (5) and (6) of the Small Business Act and Small Business Administration's 8(a) Business Development Program Regulations. **Self certification of DBEs is not allowed.** BIDDERS must complete: i) EPA Form 6100-4 (DBE Subcontractor Utilization Form), for contractor's actual and anticipated use of identified certified DBE subcontractors, and ii) completed EPA Form(s) 6100-3, if any DBE subcontractors are obtained. Inadequate DBE solicitation efforts by the BIDDER may be grounds for the MDEQ State Revolving Fund program to withhold funds for the project and withhold authorization to award the construction contract. In accordance with Section 00900 Article 1.05.2, **failure to submit evidence showing a "good faith effort" may cause the bid to be rejected as non-responsive.**

### DEBARMENT CERTIFICATION

BIDDER'S attention is directed to Section 1.5.3 (Certification Regarding Debarment, Suspension and Other Responsibility Matters) of Section 00900 with respect to Certification Regarding Debarment. Federal funding is being utilized on this project and the successful bidder must provide the debarment certification statement at the time of bid opening with the bid and other forms required.

### EQUAL EMPLOYMENT OPPORTUNITY

BIDDER'S attention is directed to the requirement for ensuring that employees and applicants for employment are not discriminated against because of their race, color, religion, national origin, sex, marital status, age, or political ideas. Bidders on this work will be required to comply with the President's Executive Orders No. 11246 as amended, 11458, 11518, and 11625.

### COMPLIANCE WITH WAGE RATE REQUIREMENTS

Under all Schedules of this Contract with the Owner, the Contractor and all subcontractors shall pay for all labor employed at no less than the minimum standard prevailing rate of wages for each classification, which shall be the higher of either the Montana Prevailing Wage Rates or the Federal Davis-Bacon Prevailing Wage Rates, as appended.

## Change Order No. 2

Date of Issuance: November 30, 2017

Effective Date: November 30, 2017

Project: Shelby Storm Water Improvements	Owner: City of Shelby	Owner's Contract No.:
Contract: Shelby Storm Water Improvements		Date of Contract: TBD
Contractor: Helena Sand and Gravel		Engineer's Project No.:  4413021

The Contract Documents are modified as follows upon execution of this Change Order:

Description:	DECREASE (In Contract Price)	INCREASE (In Contract Price)
1. Update Base Bid	\$	\$335,527.60
2. Eliminate Main St. Detention Pond	\$95,000.00	\$
3. Eliminate 5th Street South Detention Pond	\$13,800.00	\$
4. Eliminate Foundation Material	\$74,200.00	\$
5. Eliminate Subsurface Drainage Geotextile	\$9,267.50	\$
6. Eliminate Oilfield Ave. Ditch Improvements	\$20,000.00	\$
7. Hydraulic Seeding Adjustment	\$7,108.00	\$
8. Curb and Gutter Adjustment	\$86,898.00	\$
9. Crushed Aggregate Course Adjustment	\$3,538.00	\$
<b>TOTALS:</b>	<b>\$309,811.50</b>	<b>\$335,527.60</b>
<b>NET CHANGE IN PRICE</b>		<b>\$25,716.10</b>

Attachments/Justification (list documents supporting change):

1. **Update Base Bid:** This project was originally bid in 2014. As a result of the project delays, the Contractor has requested an increase in unit bid prices to account for increased material prices, construction updates, as well as inflation over the past 3 years. The new unit prices are attached as Exhibit A to this change order.
2. **Eliminate Main St. Detention Pond:** The work included as part of this bid item has been removed from the contract. The existing pipe will remain in its current location and no grading improvements will be completed.
3. **Eliminate 5th Street South Detention Pond:** The work included to construct the detention pond at 5<sup>th</sup> Street South, including grading, 24" RCP IRR Cl. 3 culvert installation, and seeding has been eliminated.
4. **Eliminate Foundation Material:** The project has been reduced eliminating most of the pipe installation below asphalt, therefore, eliminating the need for the foundation material.

5. **Eliminate Subsurface Drainage Geotextile:** The Subsurface Drainage Geotextile was to be wrapped around the Foundation Material in areas of high groundwater. The bid included Subsurface Drainage Geotextile and dewatering for all the storm drain pipe larger than 15" in diameter. As indicated in Item 4, the Foundation Material will be eliminated as part of this change order; therefore, the Subsurface Drainage Geotextile is eliminated and the entire length of the storm drain pipe larger than 15" in diameter will require dewatering.
6. **Eliminate Oilfield Ave. Ditch Improvements:** Eliminate the work associated with the bid item Oilfield Ave. Ditch Improvements (per LS).
7. **Hydraulic Seeding Quantity Adjustment:** As a result of the decreased grading effort associated with Item 2 (Main St. Detention Pond Adjustment) and Item 5 (Eliminate Oilfield Ave. Ditch Improvements) the hydraulic seeding footprint will be decreased by 14,216 square yards.
8. **Curb and Gutter Adjustment:** The proposed curb and gutter installation shown on sheets I-15 thru I-19 has been removed. The curb and gutter bid item has been reduced by 2069 LF.
9. **Crushed Aggregate Course Adjustment:** The crushed aggregate course associated with the curb shown on sheets I-15 thru I-19 has been removed. The crushed aggregate course bid item has been reduced by 58 CY.
10. **Eliminate Alternate E:** In an effort to reduce project costs, Alternate E (totaling \$2,848,178.00) was eliminated from the project.
11. **Contract Dates:** Due to the delayed construction start date, the contract dates have been modified as depicted below.
12. **Dewatering Clarification:** Dewatering shall be paid for on a per LF basis for all pipe having a 15" diameter or greater.
13. **Pipe Bedding Clarification:** The original pipe bedding specification will remain in effect. However, free draining rock no larger than the maximum bedding sieve size will be allowed for use as bedding material.
14. **Borrow Material:** Contractor may secure borrow material from the stockpiles located at the Port of Northern Montana Multimodal Hub Center at no charge.
15. **Waste Material:** Contractor may waste unusable earthen material at the City landfill for no charge.
16. **Quality Control Testing:** Density testing may be provided on a limited basis, approximately once per week. If areas of concern are identified by the RPR prior to testing, Contractor shall accommodate testing of agreed upon areas.
17. **Sheet D-21 Clarification:** The culvert crossing shown on Sheet D-21 was removed from the scope of work as part of Change Order No. 1 with the adjustment of the Base Bid quantities.
18. **Base Course Material Clarification:** Pug milling gravel base material will not be required.
19. **Barbed Wire Fence Removal and Replacement:** There is no specific pay item for the removal and replacement of barbed wire fencing; however, this work is necessary for the completion of the associated ditch improvements and is therefore paid for under those particular bid items.

---

**CHANGE IN PRICE:**

---

**CHANGE IN TIMES:**

Original Price:

Base Bid - \$5,630,669.00  
Alternate E - \$2,640,927.00Increase/Decrease from previously approved  
Change Orders No. 0 to No. 1:Base Bid - Decrease \$2,482,757.00  
Alternate E - Increase \$207,251.00

Price prior to this Change Order:

Base Bid - \$3,147,912.00  
Alternate E - \$2,848,178.00

Increase/Decrease of this Change Order:

Base Bid - Increase \$25,716.10  
Alternate E - N/A

Price incorporating this Change Order:

Base Bid - \$3,173,628.10  
Alternate E - NA

Original Times:

 Working days     Calendar daysSubstantial completion (days or date): October 31<sup>st</sup>, 2016Ready for final payment (days or date): December 31<sup>st</sup>, 2016Increase/Decrease from previously approved Change Orders  
No. \_\_\_\_\_ to No. \_\_\_\_\_:Substantial completion (days): NAReady for final payment (days): NA

Times prior to this Change Order:

Substantial completion (days or date): June 30<sup>th</sup>, 2018Ready for final payment (days or date): August 31<sup>st</sup>, 2018

Increase/Decrease of this Change Order:

Substantial completion (days or date): September 1<sup>st</sup>, 2019Ready for final payment (days or date): October 1<sup>st</sup>, 2019

Times with all approved Change Orders:

Substantial completion (days or date): September 1<sup>st</sup>, 2019Ready for final payment (days or date): October 1<sup>st</sup>, 2019

---

**RECOMMENDED:**

By: \_\_\_\_\_

Engineer (Authorized Signature)

Date: \_\_\_\_\_

Approved by Funding Agency (if applicable):  
\_\_\_\_\_**ACCEPTED:**

By: \_\_\_\_\_

Owner (Authorized Signature)

Date: \_\_\_\_\_

**ACCEPTED:**

By: \_\_\_\_\_

Contractor (Authorized Signature)

Date: \_\_\_\_\_

Date: \_\_\_\_\_

## EXHIBIT A

Differences in Price for Shelby Bids original cost/updated cost

Item Number	Description	Quantity	UM	CO1		Updated CO2		Diff. Bid	Diff. Total
				Unit Bid Price	Total Bid Price	Unit Bid Price	Total Bid Price		
101	Mobilization 5% MAX	1	LS	\$155,000.00	\$155,000.00	\$174,000.00	\$174,000.00	\$19,000.00	\$19,000.00
102	Traffic Control	1	LS	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$0.00	\$0.00
103	Dewatering	5,585	LF	\$28.00	\$156,380.00	\$28.00	\$156,380.00	\$0.00	\$0.00
104	Materials Testing and Quality Control	1	LS	\$103,804.90	\$103,804.90	\$105,000.00	\$105,000.00	\$1,195.10	\$1,195.10
105	Fill and Abandon Pipe	50	CY	\$300.00	\$15,000.00	\$305.00	\$15,250.00	\$5.00	\$250.00
106	Plug and abandon pipe	7	EACH	\$2,000.00	\$14,000.00	\$2,000.00	\$14,000.00	\$0.00	\$0.00
107	Gravel Restoration	4,442	SY	\$20.00	\$88,840.00	\$21.00	\$93,282.00	\$1.00	\$4,442.00
109	Water Main Adjustment	3	EACH	\$4,000.00	\$12,000.00	\$4,200.00	\$12,600.00	\$200.00	\$600.00
110	Relocate Water Valve	1	EACH	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	\$0.00
111	Remove Existing Manhole / Inlet	23	EACH	\$400.00	\$9,200.00	\$450.00	\$10,350.00	\$50.00	\$1,150.00
112	Remove existing Storm drainage Pipe	270	LF	\$10.00	\$2,700.00	\$10.30	\$2,781.00	\$0.30	\$81.00
113	Remove Existing Manhole Ring and Cover	3	EACH	\$1,200.00	\$3,600.00	\$1,300.00	\$3,900.00	\$100.00	\$300.00
115	US 2 North Ditch Improvements	1	LS	\$45,000.00	\$45,000.00	\$49,000.00	\$49,000.00	\$4,000.00	\$4,000.00
116	US 2 South Ditch Improvements	1	LS	\$20,000.00	\$20,000.00	\$21,000.00	\$25,000.00	\$1,000.00	\$5,000.00
117	US 2 West Ditch Improvements	1	LS	\$25,000.00	\$25,000.00	\$26,000.00	\$28,000.00	\$1,000.00	\$3,000.00
118	US 2 West Approach Improvements	1	LS	\$5,000.00	\$5,000.00	\$5,200.00	\$5,200.00	\$200.00	\$200.00
119	<del>Oilfield Ave Ditch Improvements</del>	<del>4</del>	<del>LS</del>	<del>\$20,000.00</del>	<del>\$20,000.00</del>	<del>\$0.00</del>	<del>\$0.00</del>	<del>(\$20,000.00)</del>	<del>(\$20,000.00)</del>
120	South Ditch Improvements	1	LS	\$120,000.00	\$120,000.00	\$125,000.00	\$135,000.00	\$5,000.00	\$15,000.00
121	<del>Main Street Detention Pond</del>	<del>4</del>	<del>LS</del>	<del>\$25,000.00</del>	<del>\$25,000.00</del>	<del>\$5,000.00</del>	<del>\$0.00</del>	<del>(\$20,000.00)</del>	<del>(\$25,000.00)</del>
122	<del>5th Street South Detention Pond</del>	<del>4</del>	<del>LS</del>	<del>\$2,500.00</del>	<del>\$2,500.00</del>	<del>\$2,000.00</del>	<del>\$0.00</del>	<del>\$500.00</del>	<del>(\$2,500.00)</del>
124	Exploratory Excavation	8	HR	\$200.00	\$1,600.00	\$215.00	\$1,720.00	\$15.00	\$120.00
127	Type III Concrete Curb Ramp	2	EACH	\$5,000.00	\$10,000.00	\$5,200.00	\$10,400.00	\$200.00	\$400.00
128	Type IV Concrete Curb Ramp	4	EACH	\$5,000.00	\$20,000.00	\$5,200.00	\$20,800.00	\$200.00	\$800.00
130	Irrigation System Repair	1	LS	\$10,000.00	\$10,000.00	\$10,500.00	\$10,500.00	\$500.00	\$500.00
131	15" Culvert Repair	1	LS	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00
132	Cross Existing Storm	4	EACH	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$0.00	\$0.00
134	Aggregate Treatment	728	SY	\$1.20	\$873.60	\$1.20	\$873.60	\$0.00	\$0.00
135	Crushed Aggregate Course***	1,095	CY	\$60.00	\$65,700.00	\$61.00	\$66,257.00	\$1.00	(\$2,443.00)
136	Commercial Mix-PG 64-28	317	TON	\$200.00	\$63,420.00	\$275.00	\$87,202.50	\$75.00	\$23,782.50
137	Emulsified Asphalt CRS-2P	515	GAL	\$10.00	\$5,150.00	\$12.00	\$6,180.00	\$2.00	\$1,030.00
138	Cover-Type 2	1,282	SY	\$3.00	\$3,846.00	\$3.00	\$3,846.00	\$0.00	\$0.00
139	Final Sweep and Broom	0	MILE	\$9,000.00	\$900.00	\$9,000.00	\$900.00	\$0.00	\$0.00
140	Relay Pipe Culvert	275	LF	\$22.00	\$6,050.00	\$23.00	\$6,325.00	\$1.00	\$275.00
141	12" RCP IRR.CL.5	1,237	LF	\$62.00	\$76,694.00	\$68.00	\$84,116.00	\$6.00	\$7,422.00
143	18" RCP IRR. CL.3	632	LF	\$60.00	\$37,920.00	\$70.00	\$44,240.00	\$10.00	\$6,320.00
144	24" RCP IRR. CL.3****	548	LF	\$80.00	\$43,840.00	\$90.00	\$38,520.00	\$10.00	(\$5,320.00)
145	30" RCP IRR.CL.2	78	LF	\$130.00	\$10,140.00	\$145.00	\$11,310.00	\$15.00	\$1,170.00
146	36" RCP IRR. CL.2	90	LF	\$140.00	\$12,600.00	\$150.00	\$13,500.00	\$10.00	\$900.00
147	42" RCP IRR. CL.2	1,118	LF	\$160.00	\$178,880.00	\$175.00	\$195,650.00	\$15.00	\$16,770.00
148	48" RCP IRR.CL.2	860	LF	\$200.00	\$172,000.00	\$220.00	\$189,200.00	\$20.00	\$17,200.00
149	54" RCP IRR. CL.2	2,259	LF	\$250.00	\$564,750.00	\$270.00	\$609,930.00	\$20.00	\$45,180.00
150	24" RCP CL. 3	204	LF	\$85.00	\$17,340.00	\$90.00	\$18,360.00	\$5.00	\$1,020.00
151	28-1/2" S x 18" R RCPA CL.3	132	LF	\$110.00	\$14,520.00	\$120.00	\$15,840.00	\$10.00	\$1,320.00
152	36-1/4" S x 22-1/2" R RCPA CL.3	120	LF	\$130.00	\$15,600.00	\$140.00	\$16,800.00	\$10.00	\$1,200.00
153	Bedding	2,793	CY	\$55.00	\$153,615.00	\$58.00	\$161,994.00	\$3.00	\$8,379.00
154	<del>Foundation Material</del>	<del>4,484</del>	<del>CY</del>	<del>\$50.00</del>	<del>\$224,200.00</del>	<del>\$0.00</del>	<del>\$0.00</del>	<del>(\$50.00)</del>	<del>(\$74,200.00)</del>
155	Type I Drop Inlet	12	EACH	\$5,000.00	\$60,000.00	\$5,500.00	\$66,000.00	\$500.00	\$6,000.00
157	Type V Drop Inlet	19	EACH	\$5,000.00	\$95,000.00	\$5,800.00	\$110,200.00	\$800.00	\$15,200.00
158	Type I Field Inlet	3	EACH	\$2,500.00	\$7,500.00	\$3,000.00	\$9,000.00	\$500.00	\$1,500.00
161	60" Type 3 Manhole	2	EACH	\$5,000.00	\$10,000.00	\$5,500.00	\$11,000.00	\$500.00	\$1,000.00
162	72" Type 3 Manhole	5	EACH	\$6,000.00	\$30,000.00	\$6,700.00	\$33,500.00	\$700.00	\$3,500.00
163	84" Type 3 Manhole	9	EACH	\$8,000.00	\$72,000.00	\$8,800.00	\$79,200.00	\$800.00	\$7,200.00
164	96" Type 3 Manhole	1	EACH	\$10,000.00	\$10,000.00	\$11,500.00	\$11,500.00	\$1,500.00	\$1,500.00
165	108" Type 3 Manhole	2	EACH	\$19,000.00	\$38,000.00	\$22,000.00	\$44,000.00	\$3,000.00	\$6,000.00
166	60" Comb. Type I Drop Inlet/Type 3 Manhole	1	EACH	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00	\$500.00	\$500.00
167	60" Comb. Type V Drop Inlet/Type 3 Manhole	1	EACH	\$6,000.00	\$6,000.00	\$6,100.00	\$6,100.00	\$100.00	\$100.00
168	72" Comb. Type I Drop Inlet/ Type 3 Manhole	1	EACH	\$8,000.00	\$8,000.00	\$8,500.00	\$8,500.00	\$500.00	\$500.00
169	72" Comb. Type I Field Inlet / Type 3 Manhole	4	EACH	\$6,000.00	\$24,000.00	\$6,500.00	\$26,000.00	\$500.00	\$2,000.00
170	72" Comb. Type V Drop Inlet / Type 3 Manhole	2	EACH	\$9,000.00	\$18,000.00	\$10,000.00	\$20,000.00	\$1,000.00	\$2,000.00
171	84" Comb Type I Field Inlet/ Type 3 Manhole	1	EACH	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$1,000.00	\$1,000.00
173	Curb and Gutter**	2,195	LF	\$40.00	\$87,800.00	\$42.00	\$5,292.00	\$2.00	(\$82,508.00)
175	Sodding	340	SY	\$15.00	\$5,100.00	\$20.00	\$6,800.00	\$5.00	\$1,700.00
176	Class II Riprap	65	CY	\$125.00	\$8,125.00	\$125.00	\$8,125.00	\$0.00	\$0.00
177	Striping-White Paint	4	GAL	\$750.00	\$3,000.00	\$750.00	\$3,000.00	\$0.00	\$0.00
178	Striping-Yellow Paint	4	GAL	\$750.00	\$3,000.00	\$750.00	\$3,000.00	\$0.00	\$0.00
179	Striping-White Epoxy	2	GAL	\$850.00	\$1,700.00	\$850.00	\$1,700.00	\$0.00	\$0.00
180	Striping-Yellow Epoxy	2	GAL	\$900.00	\$1,800.00	\$900.00	\$1,800.00	\$0.00	\$0.00
181	Yellow Curb Epoxy	4	GAL	\$1,200.00	\$4,800.00	\$1,200.00	\$4,800.00	\$0.00	\$0.00
182	Erosion Control Geotextile	122	SY	\$5.00	\$610.00	\$6.00	\$732.00	\$1.00	\$122.00
183	<del>Subsurface Drainage Geotextile</del>	<del>7,414</del>	<del>SY</del>	<del>\$1.25</del>	<del>\$9,267.50</del>	<del>\$0.00</del>	<del>\$0.00</del>	<del>(\$1.25)</del>	<del>(\$9,267.50)</del>
184	BNSF Crossing	1	LS	\$100,000.00	\$100,000.00	\$105,000.00	\$105,000.00	\$5,000.00	\$5,000.00
186	Hydraulic Seeding*	71,560	SY	\$0.35	\$25,046.00	\$0.50	\$28,672.00	\$0.15	\$3,626.00
200	30" RCP Class 2	75	LF	\$160.00	\$12,000.00	\$160.00	\$12,000.00	\$0.00	\$0.00
					\$3,147,912.00		\$3,173,628.10		\$25,716.10

\* Quantity modified from 71,560 to 57,344

\*\* Quantity modified from 2195 to 126

\*\*\* Quantity modified from 1095 to 1037

\*\*\*\* Quantity modified from 548 to 428



**Federal Express**

(406) 434-5222

November 20, 2017

The Honorable Larry Bonderud  
City of Shelby  
112 1st Street South  
Shelby, Montana 59474

**RE: Amtrak's ADA Stations Program  
Shelby, MT Rail Station ("Station")**

Dear Mayor Bonderud:

This letter is a follow up to National Railroad Passenger Corporation's ("Amtrak") letter of September 12, 2017. Amtrak is committed to ensuring that rail stations it serves are fully compliant with the Americans with Disabilities Act of 1990 (ADA) and accessible to all passengers. At this point, Amtrak has conducted a property survey and an ADA assessment of all portions of the Station for which Amtrak has some degree of ADA responsibility and is in the process of designing the required ADA improvements to be constructed by Amtrak.

The purpose of this letter is two-fold. First, it is to provide the City with design plans for the improvements being made as part of our ADA Stations Program ("Plans"). The Plans have progressed to the Issue For Bid Submission level of design and are enclosed with this letter for your review, since the improvements impact property owned by the City. The exact timing of the work is not yet known.

As we have discussed, the planned ADA improvements on City property includes: reconstruction of a portion of two accessible parking spaces; connection of the platform egress sidewalk to the City's sidewalk along Montana Avenue and connection of the platform underdrain to the City's storm sewer system.

The second purpose of this letter is to request that the City: (i) consent to the making of the improvements to City's property substantially in accordance with the Plans; (ii) agree to provide Amtrak and its contractors access to the City's property at the time the improvements are to be made; (iii) confirm that the City will assume the ongoing responsibility for the maintenance, repair and replacement of the improvements to the City's property; (iv) agree that the City will timely sign any related documentation that may be required for Amtrak and its contractors to complete the project; (v) agree that the City will not remove the improvements for as long as Amtrak uses or intends to use the improvements in providing rail passenger services at the Station, without the prior written consent of Amtrak; and (vi) agree that the City will provide Amtrak with continued access to the improvements and will ensure Amtrak's perpetual right to use the improvements for as long as Amtrak provides or intends to provide rail passenger services at the Station.

Your signature below constitutes the City's consent to the improvements substantially in accordance with the Plans and the City's agreement to comply with all of Amtrak's other requests described in the above paragraph.

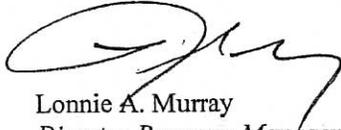
Please contact the following Amtrak representative if you have any questions or concerns regarding the planned improvements or the project:

Robert C. Eaton  
Senior Government Affairs Manager  
National Railroad Passenger Corporation  
Government Affairs  
187 South Holgate Street / Room 320  
Seattle, WA 98134  
Phone (206) 903-5539  
[Robert.Eaton@amtrak.com](mailto:Robert.Eaton@amtrak.com)

The schedule associated with Amtrak's ADA Stations Program is an aggressive one. The City can help us by providing any comments you have to the Station project quickly by having the authorized representative of the City sign and date the original copy of this letter and return it in the enclosed envelope by November 30, 2017.

Thank you in advance for your cooperation. We look forward to working with the City on this important initiative.

Sincerely,



Lonnie A. Murray  
Director Program Management,  
ADA Stations Program Office of Engineering

**CONSENT OF OWNER**

As the authorized representative of the City, I hereby: (i) consent to the making of the improvements to the City's property substantially in accordance with the Plans; (ii) agree to provide Amtrak and its contractors access to the City's property at the time the improvements are to be made; (iii) confirm that the City will assume the ongoing responsibility for the maintenance, repair and replacement of the improvements to the City's property; (iv) agree that the City will timely sign any related documentation that may be required for Amtrak and its contractors to complete the project; (v) agree that the City will not remove the improvements for as long as Amtrak uses or intends to use the improvements in providing rail passenger services at the Station, without the prior written consent of Amtrak; and (vi) agree that the City will provide Amtrak with continued access to the improvements and will ensure Amtrak's perpetual right to use the improvements for as long as Amtrak provides or intends to provide rail passenger services at the Station.

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

*Mayor Larry Bonderud*  
*November 20, 2017*  
*Page 3*

cc: D. Sakiyabu  
R. Eaton

Enclosures: IFB Submission 10/31/2017  
Extra copy of letter and return envelope



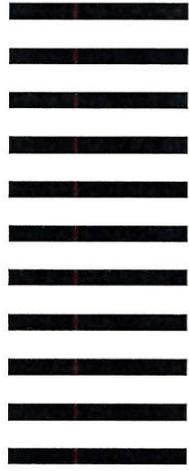
BURLINGTON NORTHERN SANTA FE RAILWAY  
 PUBLIC UTILITIES  
 BARTLETT & WEST: 888.200.6464 EXT 3235, 785.228.3232  
 BNSF RAILROAD FACILITY MARKOUTS  
 RR SIGNAL & TELECOMMUNICATIONS LINES: 800.533.2891

# ADA STATIONS PROGRAM (ADASP)

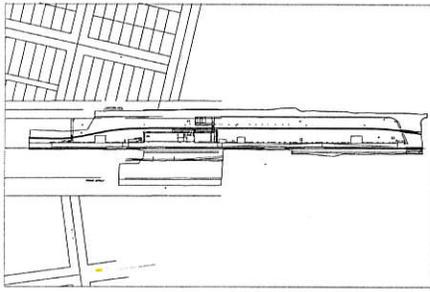
SHELBY (SBY), MT

ISSUED FOR BID

HOST RAILROAD: BNSF  
 SUBDIVISION: PACIFIC HI-LINE  
 MILE POST: 1090.1  
 STATION CLASSIFICATION: II - SMALL - STAFFED



PROJECT LOCATION  
N.T.S.



MAP SHOWN IS COPIED FROM  
"GOOGLE MAPS"



VICINITY PLAN  
N.T.S.

SHELBY TRAIN STATION  
 230 WEST CENTRAL AVENUE  
 SHELBY, MT 59474  
 48°30'25" N  
 111°51'24" W

**CONNECTION OF PLATFORM UNDERDRAIN TO CITY STORM SEWER**

**SCOPE SUMMARY**

- A. SITE WORK/PARKING/PUBLIC RIGHT OF WAY (PROW).
  - 1. PROVIDE TWO NEW DOTAS COMPLIANT PARKING SPACES.
  - 2. PROVIDE ACCESSIBLE WALKWAY FROM STATION TO ADA PARKING/PUBLIC RIGHT OF WAY.
  - 3. RELOCATED MOBILE LIFT ENCLOSURE TO ACCOMMODATE NEW PLATFORM.
- B. STATION INTERIOR
  - 1. PROVIDE ADA COMPLIANT PATH TO PROW AND COMPLIANT ENTRANCE DOORS.
  - 2. RELOCATE FIRE EXTINGUISHER TO BE ADA ACCESSIBLE.
  - 3. PROVIDE ADA COMPLIANT CLOCK AND TICKET COUNTER.
  - 4. PROVIDE DEDICATED WHEELCHAIR AND ADJACENT COMPANION SEAT.
  - 5. PROVIDE NEW JANITOR CLOSET.
  - 6. RENOVATE RESTROOMS FOR ADA COMPLIANCE.
- C. STATION EXTERIOR
  - 1. PROVIDE NEW STATION PLATFORM.
  - 2. PROVIDE ACCESSIBLE EGRESS PATHS FROM PLATFORM TO PUBLIC RIGHT OF WAY.
  - 3. LIGHTING AT PLATFORM.
- D. SIGNAGE
  - 1. PROVIDE ADDITIONAL PLATFORM CITY IDENTIFIER SIGNS.
  - 2. PROVIDE ADA REQUIRED SIGNS FOR STATION.
  - 3. PROVIDED NEW ADA PARKING SIGNS.

10/10/2011 9:52:38 AM  
 PROJECT: SBYT47

NO.	DESCRIPTION	DATE	BY
1	ISSUE FOR BID	10/10/2011	VG



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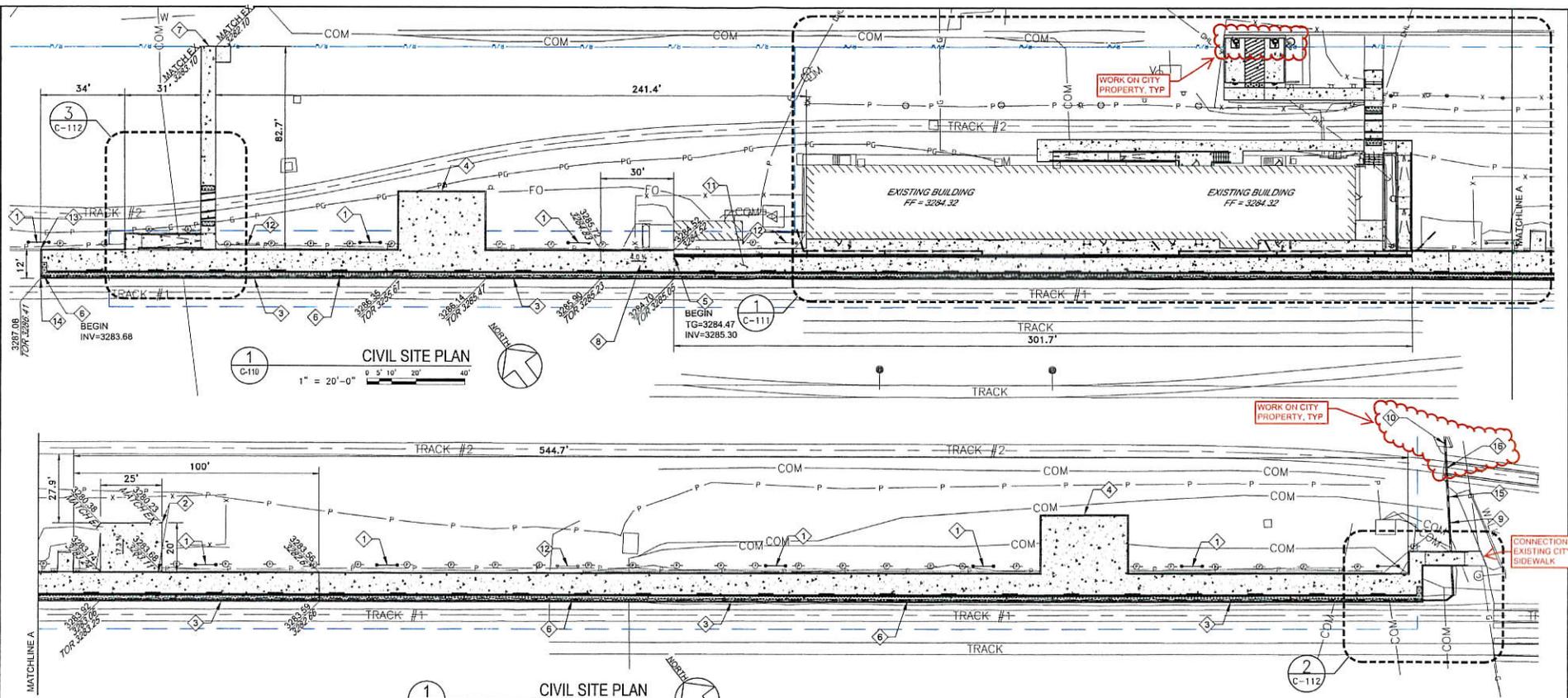
Office of Chief Engineer  
 National Railroad Passenger Corporation  
 30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Sole



One Penn Plaza, Suite 800  
 New York, NY 10119  
 United States  
 P: 212-512-2000  
 F: 212-429-4249  
 www.urscorp.com

SHELBY (SBY)		MT	Project Code: 60533338
ADA STATIONS PROGRAM (ADASP)		WBS: C.EN.100664.0034	Sheet No.: 01
COVER SHEET			
Designed: VG	Drawn: VG	Checked: WL	Date:
			Sheet No.: X-000



1 CIVIL SITE PLAN  
1" = 20'-0"

1 CIVIL SITE PLAN  
1" = 20'-0"

**KEY NOTES:**

1. PROVIDE AMTRAK STANDARD CITY AND STATION IDENTIFIER SIGNAGE, SEE A-750.
2. PROVIDE CONCRETE RAMP TO ALLOW ACCESS ON AND OFF THE PLATFORM FOR THE LUGGAGE CART. PROTECT RAMP WITH A MANUAL DOUBLE-SWING GATE OPENING AWAY FROM THE DIRECTION OF THE TRACKS.
3. PROVIDE 8" ABOVE TOP OF RAIL CONCRETE PLATFORM WITH EMBEDDED/REPLACEABLE DETECTABLE WARNING SURFACE AND PAINTED WARNING STRIPE ALONG ENTIRE LENGTH OF PLATFORM. MAX. SLOPE SHALL NOT EXCEED 1:60 (1.67%) IN ANY DIRECTION.
4. PROVIDE LANDING FOR LUGGAGE CART TURNAROUND.
5. PROVIDE HEAT TRACE TRENCH DRAIN. SEE DETAIL 1/C-114.
6. PROVIDE 8" PERFORATED DRAIN PIPE RUNNING THE LENGTH OF THE PLATFORM. SEE DETAIL 5/C-114.
7. PROVIDE EMERGENCY EGRESS WALKWAY AND AREA OF RESCUE ASSISTANCE.
8. PROVIDE SLOPED PLATFORM.
9. 40 L.F. 8" SDR-26 PVC STORM AT 10% SLOPE.
10. APPROXIMATELY 270 L.F. 8" SDR-26 PVC STORM AT 1.32% THE INTO EXISTING STORM MANHOLE ON GALENA AVE AND DAWSON AVE. INVERT ELEVATION = 3269.16, RIM ELEVATION = 3274.88. (SURVEY DOES NOT SHOW THIS AREA.)
11. PROVIDE PLATFORM AT FINISHED FLOOR ELEVATION (4"-5" ABOVE TOP OF RAIL). SLOPE SHALL NOT EXCEED 1:60 (1.7%) IN ANY DIRECTION. SEE STRUCTURAL FOR DETAILS.
12. EXISTING AMTRAK STANDARD CITY AND STATION IDENTIFIER SIGNAGE.
13. PLATFORM EDGE COORD = N 1560786.44; E 1396959.11
14. PLATFORM EDGE COORD = N 1560776.89; E 1396951.84
15. PROVIDE CLEANOUT. 8" PVC STORM 11.23% SLOPE TO END. 1.32% SLOPE TO BEGIN. INV=3272.72
16. INV 8" PVC STORM=3272.56 BELOW MAINTENANCE RAIL. TOR= 3279.40.

**LEGEND:**

- NEW CONCRETE
- NEW DETECTABLE WARNING
- EXISTING BUILDING
- ADA RAMP
- HIGH SIDE LOW SIDE
- PROP. ELEV. vs. EXIST. ELEV.
- SPOT ELEVATION  
FF = FINISHED FLOOR  
TOR = TOP OF RAIL
- ACCESSIBLE ROUTE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- AMTRAK LEASE LINE

FILE NAME: ADASP\_BIB\_C-110.DWG  
DRAWING FILE NAME:

No.	Revisions	Date	By
1	ISSUED FOR BID	10-31-17	DAC



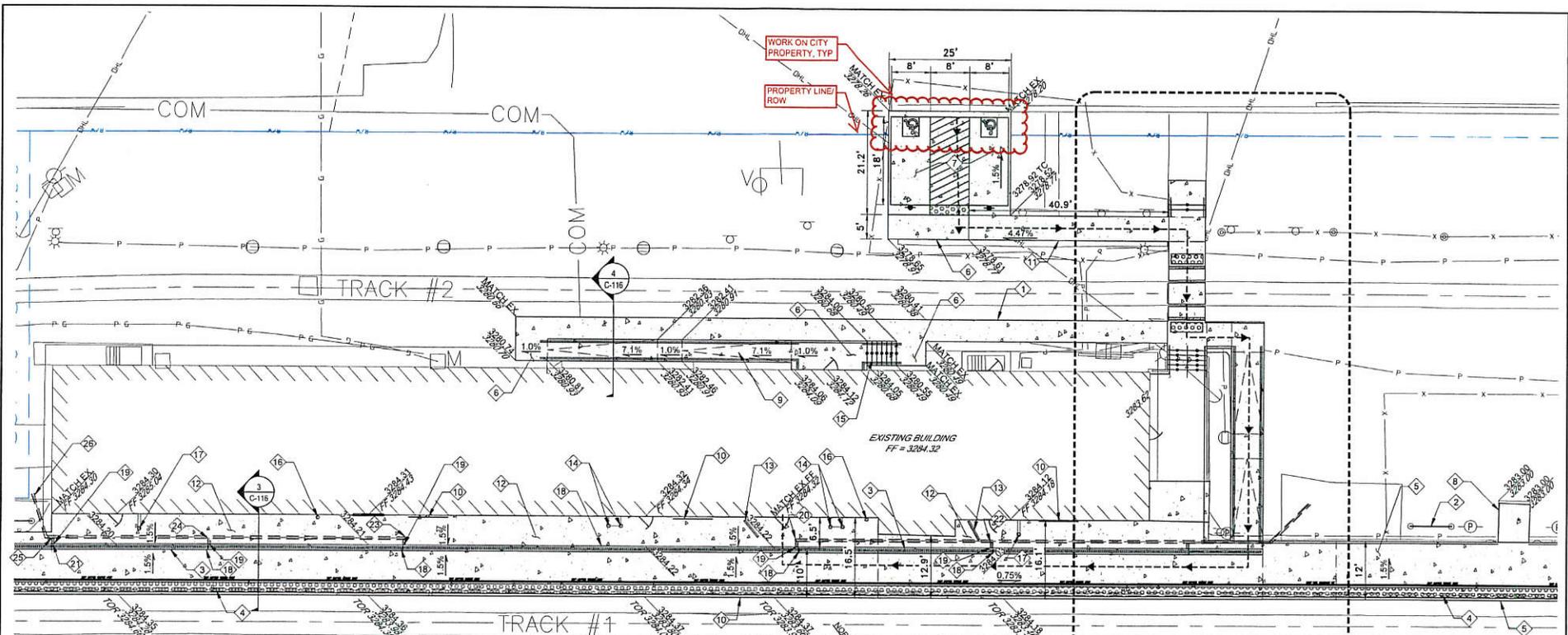
Office of Chief Engineer  
National Railroad Passenger Corporation  
30th Street Station, Philadelphia, Pennsylvania 19104

Approved	Date



SHELBY (SBY)	MT	Project Code: 60533336
ADA STATIONS PROGRAM (ADASP)		WBS: C:EN 10064304
CIVIL SITE PLAN		Sheet No.: 01
Design: DAC	Draw: DAC	Checked: DJT
Date:		

**C-110**



**KEY NOTES:**

1. PROVIDE CONCRETE WALK ALONG MAINTENANCE TRACK. SEE STRUCTURAL DRAWINGS.
2. EXISTING AMTRAK STANDARD CITY AND STATION IDENTIFIER SIGNAGE.
3. PROVIDE TRENCH DRAIN. SEE DETAIL 1/C-114.
4. PROVIDE 8" PERFORATED DRAIN PIPE RUNNING THE LENGTH OF THE PLATFORM. SEE DETAIL 5/C-114.
5. PROVIDE 8" ABOVE TOP OF RAIL CONCRETE PLATFORM WITH EMBEDDED/REPLACEABLE DETECTABLE WARNING SURFACE AND PAINTED WARNING STRIPE ALONG ENTIRE LENGTH OF PLATFORM. SEE STRUCTURAL.
6. PROVIDE ADA COMPLIANT CONCRETE LANDING.
7. PROVIDE CONCRETE PARKING PAD WITH STRIPING FOR 2 ADA PARKING SPACES AND ACCESSIBLE PATH TO ADA RAMP. INSTALL SALVAGED ADA SIGN MOUNTED ON BOLLARD. SEE 2/C-114 AND 3/C-114.
8. PROVIDE CONCRETE PAD FOR WHEEL CHAIR LIFT. SEE 6/C-113 FOR CONCRETE PAD DETAIL.
9. PROVIDE CONCRETE RAMP, LANDING, AND HANDRAIL. SEE 1/C-115 AND ARCHITECTURAL DRAWINGS.
10. REINSTALL SALVAGED A1a SIGNS. SIGN TO BE MOUNTED ON THE STATION WALLS. SEE ARCHITECTURAL DRAWINGS.
11. PROVIDE SLOPED WALK. SEE 6/C-113.
12. PROVIDE PLATFORM TO MATCH BUILDING FINISHED FLOOR ELEVATION (4"-5" ABOVE TOP OF RAIL). SEE STRUCTURAL.
13. PROVIDE NEW WIND BARRICADE. SEE ARCHITECTURAL.
14. PROVIDE CANE DETECTION AROUND EXISTING AIR CONDITIONING UNITS. SEE ARCHITECTURAL.
15. PROVIDE ADA COMPLIANT STAIR WITH HANDRAILS. SEE ARCHITECTURAL.
16. ROOF DRAINS TO REMAIN. PROTECT-IN-PLACE.
17. PROVIDE CANE DETECTION AROUND EXISTING PIDS SIGNS. SEE ARCHITECTURAL.
18. TRENCH DRAIN WITH HEAT TRACE DEPTH 3" (HIGH POINT)
19. TRENCH DRAIN WITH HEAT TRACE DEPTH 8" (LOW POINT)
20. PROVIDE TRENCH DRAIN OUTLET PIPE. 111 L.F. 6" SDR-26 PVC STM @0.5%. INV = 3282.80
21. TOP OF GRATE = 3284.20 INVERT = 3283.53
22. TIE TRENCH DRAIN TO OUTLET PIPE. INV = 3282.60
23. PROVIDE TRENCH DRAIN OUTLET PIPE. 83 L.F. 6" SDR-26 PVC STM @0.5%. INV = 3282.80
24. TIE TRENCH DRAIN TO OUTLET PIPE. INV = 3282.60
25. TIE TRENCH DRAIN TO OUTLET PIPE. INV = 3282.44
26. OUTLET INVERT = 3282.60

**ENLARGED CIVIL SITE PLAN**

1" = 10'-0"



**LEGEND:**

- NEW CONCRETE
- NEW DETECTABLE WARNING
- EXISTING BUILDING
- HIGH SIDE ADA RAMP
- LOW SIDE ADA RAMP
- ACCESSIBLE ROUTE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- AMTRAK LEASE LINE
- HIGH SIDE 2.00% LOW SIDE
- PROP. ELEV. EXIST. ELEV.
- SPOT ELEVATION FF = FINISHED FLOOR TOR = TOP OF RAIL

FILE NAME: ACADSP\_SBY\_C-111.DWG  
 FILE PATH: \\...  
 DATE PLOTTED: 11/11/11

No.	Revisions	Date	By	Check
1	ISSUED FOR BID	10/31/11	DAC	



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SHELBY (SBY)		MT	Project Code: 6053336
ADA STATIONS PROGRAM (ADASP)			WBS: CEN106R/624
ENLARGED CIVIL SITE PLAN			Sheet No. OF
Designed: DAC	Drawn: AG	Checked: DJT	Date

Drawg No: **C-111**

**LEGEND:**

- NEW CONCRETE
- NEW DETECTABLE WARNING
- EXISTING BUILDING

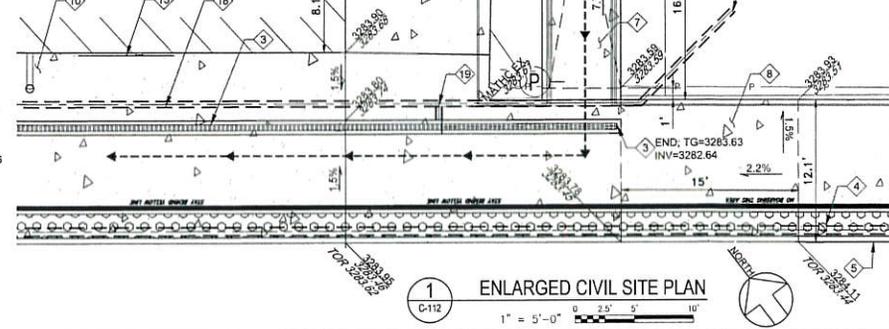
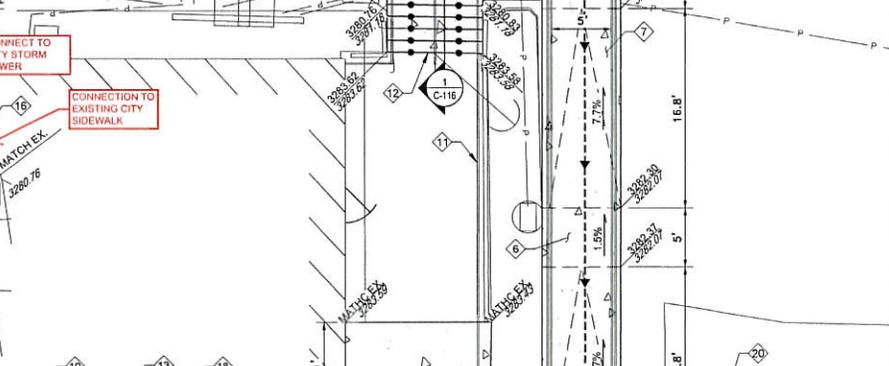
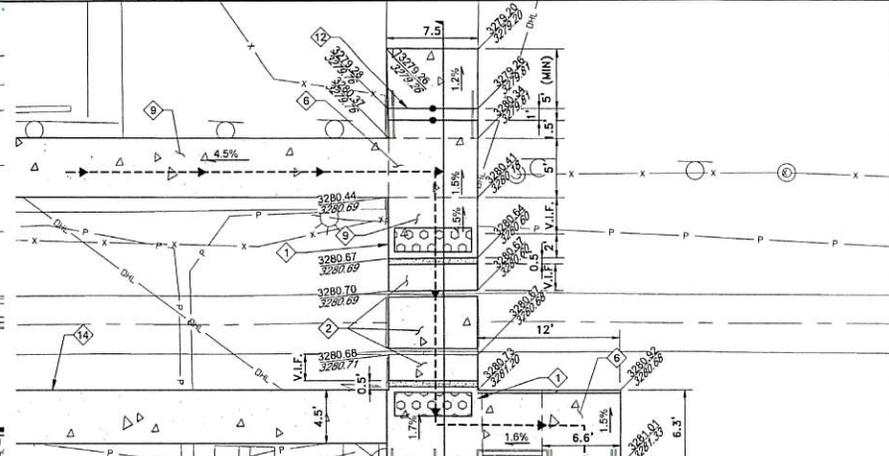
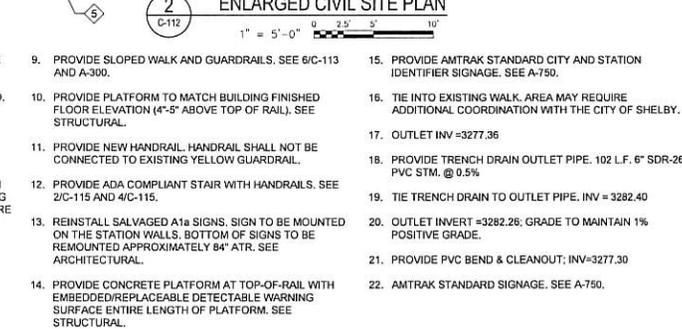
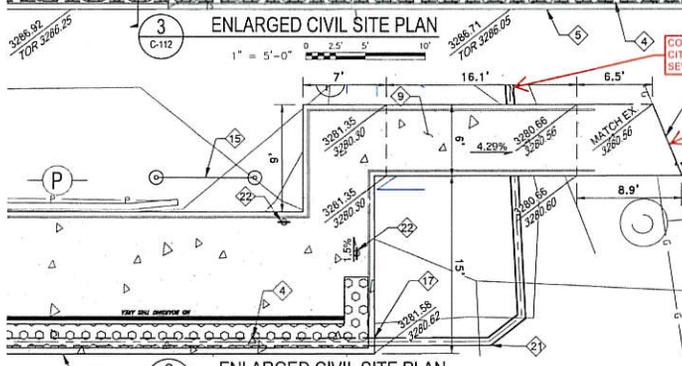
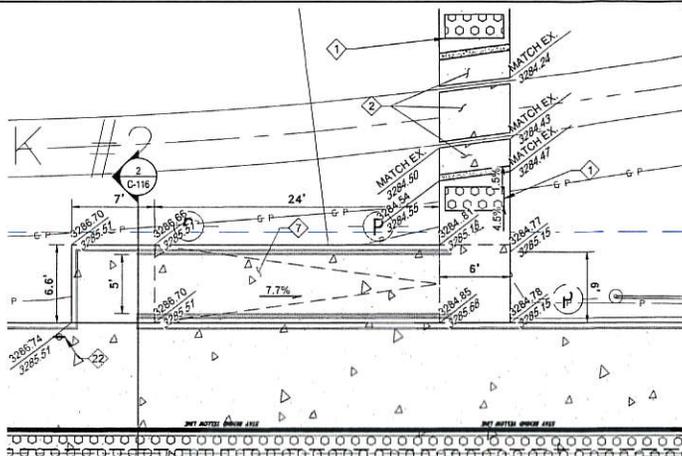
- HIGH SIDE LOW SIDE ADA RAMP
- HIGH SIDE LOW SIDE 2.00%

- PROP. ELEV.
- ENST. ELEV.
- SPOT ELEVATION  
FF = FINISHED FLOOR  
TOR = TOP OF RAIL

- ACCESSIBLE ROUTE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- AMTRAK LEASE LINE

**KEY NOTES:**

1. PROVIDE EMBEDDED DETECTABLE WARNING SURFACE AT GRADE CROSSING. SEE 5/C-115.
2. ADA PROPOSED GRADE CROSSING BY HOST RAILROAD.
3. PROVIDE TRENCH DRAIN. SEE 1/C-114.
4. PROVIDE 8" PERFORATED DRAIN PIPE RUNNING THE LENGTH OF THE PLATFORM. SEE DETAIL 5/C-114.
5. PROVIDE 8" ABOVE TOP OF RAIL CONCRETE PLATFORM WITH EMBEDDED/REPLACEABLE DETECTABLE WARNING SURFACE AND PAINTED WARNING STRIPE ALONG ENTIRE LENGTH OF PLATFORM. MAX. SEE STRUCTURAL.
6. PROVIDE ADA COMPLIANT CONCRETE LANDING. SEE 6/C-113.
7. PROVIDE ADA COMPLIANT CONCRETE RAMP, LANDING, GUARDRAIL, AND HANDRAIL. SEE 1/C-115 AND A-300.
8. PROVIDE SLOPED PLATFORM. SEE STRUCTURAL.
9. PROVIDE SLOPED WALK AND GUARDRAILS. SEE 6/C-113 AND A-300.
10. PROVIDE PLATFORM TO MATCH BUILDING FINISHED FLOOR ELEVATION (4'-5" ABOVE TOP OF RAIL). SEE STRUCTURAL.
11. PROVIDE NEW HANDRAIL. HANDRAIL SHALL NOT BE CONNECTED TO EXISTING YELLOW GUARDRAIL.
12. PROVIDE ADA COMPLIANT STAIR WITH HANDRAILS. SEE 2/C-115 AND 4/C-115.
13. REINSTALL SALVAGED A1a SIGNS. SIGN TO BE MOUNTED ON THE STATION WALLS. BOTTOM OF SIGNS TO BE REMOUNTED APPROXIMATELY 84" ATR. SEE ARCHITECTURAL.
14. PROVIDE CONCRETE PLATFORM AT TOP-OF-RAIL WITH EMBEDDED/REPLACEABLE DETECTABLE WARNING SURFACE ENTIRE LENGTH OF PLATFORM. SEE STRUCTURAL.
15. PROVIDE AMTRAK STANDARD CITY AND STATION IDENTIFIER SIGNAGE. SEE A-750.
16. TIE INTO EXISTING WALK. AREA MAY REQUIRE ADDITIONAL COORDINATION WITH THE CITY OF SHELBY.
17. OUTLET INV = 3277.35
18. PROVIDE TRENCH DRAIN OUTLET PIPE. 102 L.F. 6" SDR-26 PVC STM. @ 0.5%
19. TIE TRENCH DRAIN TO OUTLET PIPE. INV = 3282.40
20. OUTLET INVERT = 3282.26; GRADE TO MAINTAIN 1% POSITIVE GRADE.
21. PROVIDE PVC BEND & CLEANOUT: INV=3277.30
22. AMTRAK STANDARD SIGNAGE. SEE A-750.



FILE NO. ADASP\_SBY\_C-112.DWG  
DATE PLOTTED: 10/11/11  
DRAWN BY: JAL

No.	Revisors	Date	By
1	DESIGNED FOR BID	10/31/11	DAC



Office of Chief Engineer

National Railroad Passenger Corporation  
30th Street Station, Philadelphia, Pennsylvania 19104

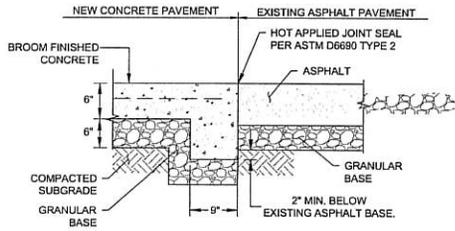
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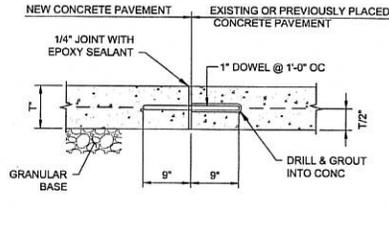
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SHELBY (SBY)		MT
ADA STATIONS PROGRAM (ADASP)		Project Code: 60533336
ENLARGED CIVIL SITE PLAN		WBS: CEN100406H
Designed: DAC		Sheet No.: 01
Drawn: AG		Drawn By: JAL
Checked: DLT		Date: 10/11/11
Date: 10/11/11		Draw No.: C-112

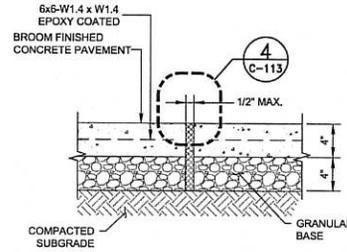
- NOTES:**
1. DOWELED JOINT SHALL BE CONSTRUCTED AT A MAXIMUM OF 15' SPACING.
  2. INSTALL EPOXY COATED PCC DOWELING, 1" DIAMETER AND 18" LENGTH, AT 12" SPACING (MAX.) AND T/2 DEPTH.



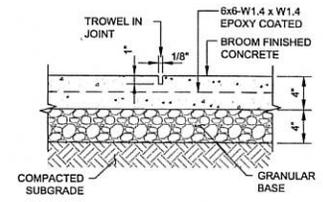
**7 PAVEMENT CONNECTION DETAIL**  
C-113  
1" = 1'-0" 0 3" 6" 1" 2"



**5 CONCRETE PAVEMENT DOWELED JOINT DETAIL**  
C-113  
1" = 1'-0" 0 3" 6" 1" 2"

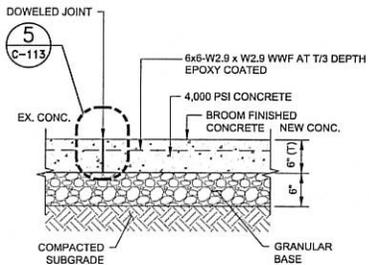


**3 EXPANSION JOINT DETAIL**  
C-113  
1 1/2" = 1'-0" 0 3" 6" 12"

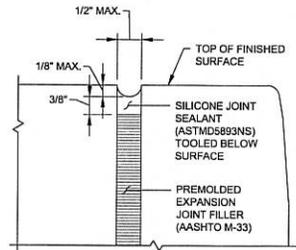


**2 CONTROL JOINT DETAIL**  
C-113  
1 1/2" = 1'-0" 0 3" 6" 12"

- NOTES:**
1. SUBGRADE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AND +/- 2% OF THE OPTIMUM MOISTURE CONTENT BASED ON STANDARD PROCTOR TEST.

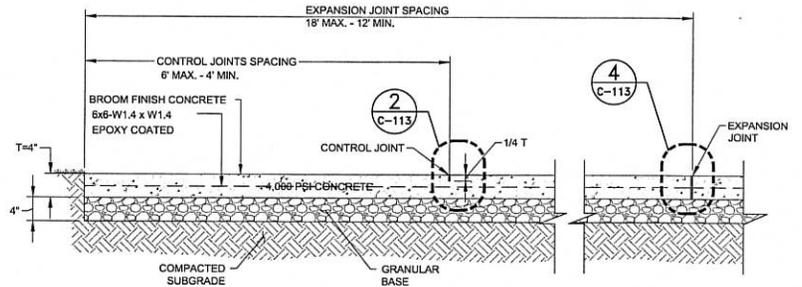


**5 CONCRETE PAVEMENT DETAIL**  
C-113  
1" = 1'-0" 0 3" 6" 1" 2"



**4 EXPANSION JOINT DETAIL**  
C-113  
FULL SCALE 0 1" 2"

- NOTES:**
1. SIDEWALK SHALL MATCH EXISTING FINISH AND PATTERN AS CLOSELY AS PRACTICAL. EXPANSION JOINT SPACING IS PROVIDED.
  2. EXPANSION JOINTS IN SIDEWALKS SHALL CONTINUE THROUGH FACE OF CURB TO 1" MIN. BELOW GRADE.
  3. PICTURE-FRAMING OF JOINT TOOL SHALL BE REMOVED DURING BROOM FINISHING.
  4. EXPANSION JOINTS SHALL BE INSTALLED WHERE PROPOSED SIDEWALKS MEET EXISTING WALKS.
  5. GRANULAR BASE SHALL CONFORM TO LOCAL D.O.T. REQUIREMENTS OR AT MINIMUM ASTM D2940 FOR DENSE GRADED AGGREGATE BASE MATERIALS AND SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AND +/- 2% OF THE OPTIMUM MOISTURE CONTENT BASED ON STANDARD PROCTOR TEST.
  6. SUBGRADE SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AND +/- 2% OF THE OPTIMUM MOISTURE CONTENT BASED ON STANDARD PROCTOR TEST.



**1 CONCRETE SIDEWALK DETAILS**  
C-113  
1 1/2" = 1'-0" 0 3" 6" 12"

FILE NAME: ADASP\_SBY\_C-113.DWG  
PLOT NAME: ADASP\_SBY\_C-113.DWG  
PLOT DATE: 10/17/17

No.	Revisions	Date	By
1	ISSUED FOR BID	10-31-17	DAC

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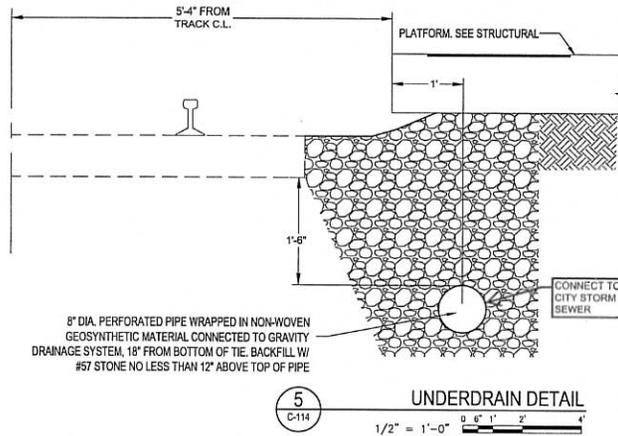
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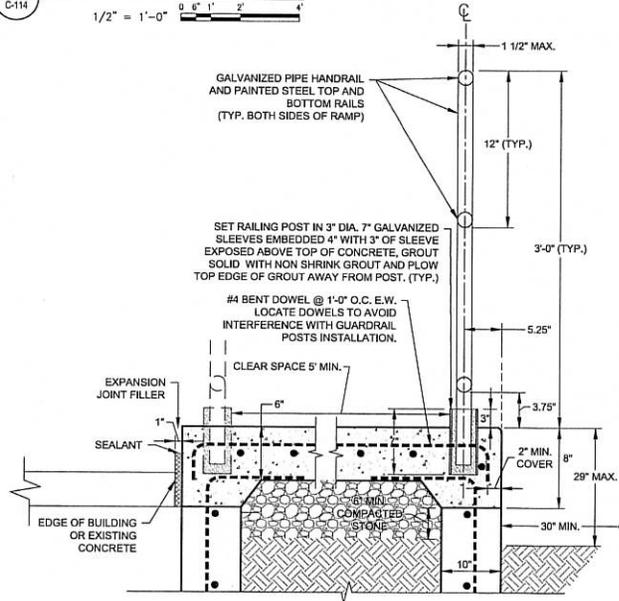
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ADA STATIONS  
PROGRAM (ADASP)  
CIVIL DETAILS

MT  
Project Code: 60533236  
WBS: C.EN.10064.0034  
Sheet No.: 07  
Scale: C-113

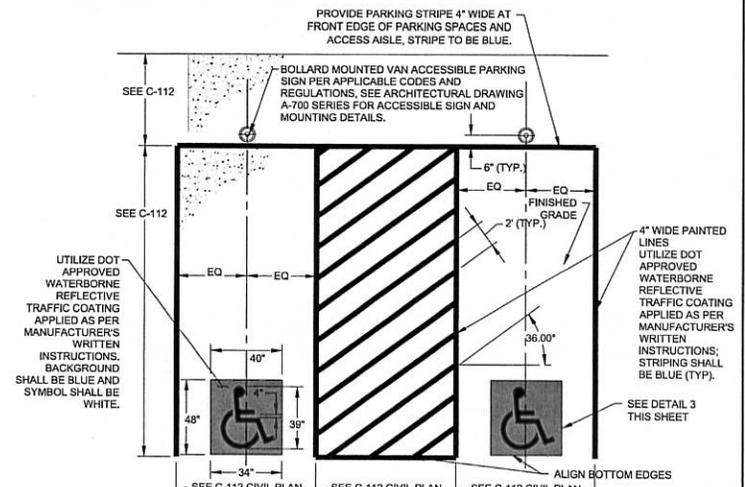
Designed	DAC	Drawn	AG	Checked	DJT	Date



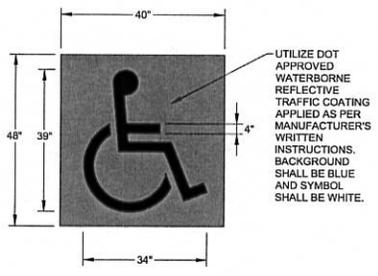
**5**  
C-114  
**UNDERDRAIN DETAIL**  
1/2" = 1'-0"



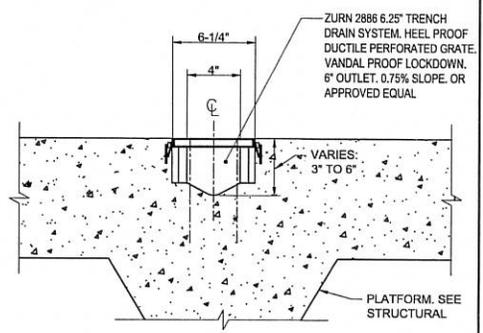
**4**  
C-114  
**HANDRAIL DETAIL**  
1" = 1'-0"



**2**  
C-114  
**TYPICAL ACCESSIBLE PAVEMENT MARKINGS**  
3/8" = 1'-0"



**3**  
C-114  
**TYPICAL PAVEMENT IDENTIFICATION**  
1" = 1'-0"



**1**  
C-114  
**TRENCH DRAIN DETAIL AT WHEEL CHAIR LIFT**  
3" = 1'-0"

FILE NAME: ADASP\_PRR\_C-114.DWG  
DATE PLOTTED: 10/21/17  
PLOT SCALE: 1/8" = 1'-0"

No.	Revisions	Date	By
1	ISSUED FOR BID	10-31-17	SAC

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SHELBY (SBY)  
ADA STATIONS PROGRAM (ADASP)  
CIVIL DETAILS

Project Code	60533236
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Sheet No. **C-114**

