

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

AGENDA DATE: July 16, 2024
PUBLIC HEARING DATE: N/A

CONTACT PERSON(S) NAME AND PHONE NUMBER:
Yvette Hernandez, P.E., City Engineer, (915) 212-0065

DISTRICT(S) AFFECTED: All districts

STRATEGIC GOAL:
No.7: Enhance and Sustain El Paso's Infrastructure Network

SUBGOAL
7.2 – Improve competitiveness through infrastructure improvements impacting the quality of life.
7.3 Enhance a regional comprehensive transportation system

SUBJECT:
Discuss and action on the award of Task Order #8K-1 for Solicitation Horizontal Construction Improvements 2024-0397 to Keystone GC, LLC., for a total estimated award of \$611,979.21 to develop an accessible pathway from deactivated bus stops to active bus stops.

BACKGROUND / DISCUSSION:
The pathways will provide a safe and ADA accessible route from deactivated bus stops to active stops at multiple locations throughout the city.
The project will involve but is not limited to the replacement and repair of sidewalks, driveways, ramps, curbs, and gutters in multiple locations throughout the city.
This initiative will cover a total of 25 routes across various locations in the city, enhancing connectivity and safety for all transit users.

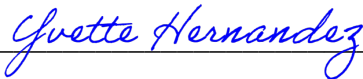
PRIOR COUNCIL ACTION:
On November 7, 2023 Sun Metro presented to the Mass Transit Board Ridership analysis to propose updates to the Sun Metro network.

AMOUNT AND SOURCE OF FUNDING:
Amount: \$611,979.21
Founding Source: Federal Transit Administration Grant
Accounts: 580270 560 P6018 G60185307 PCP09MT0090A
580270 560 P6018 G60185339 PCP09MT0090A
580270 560 P6018 G60215339 PCP09MT0090A

HAVE ALL AFFECTED DEPARTMENTS BEEN NOTIFIED? X YES ___ NO

PRIMARY DEPARTMENT: Sun Metro
SECONDARY DEPARTMENT: Streets and Maintenance

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

DEPARTMENT HEAD:


Yvette Hernandez, P.E.,
City Engineer

Contract Change Order Coversheet /Checklist City of El Paso Capital Improvements Department

Project Name: Sun Metro Pathways Date Received: 5/28/2024
 Solicitation Number: 2023-0397 (Task Order #08K-1) ✓ Contractor: Keystone
 Change Order Number: #8K-1 ✓ Date CO was identified: 3/26/2024
 Funding Type: Safety Bond QOL General Fund TX DOT CDBG FTA FAA
 Contingency: \$TBD Original Budget: \$1,020,204.08 ✓ Current Remaining Contingency: \$TBD PO No.: TBD
 Identified by: DOR Contractor User Dept. CID Other (identify:)
 Impacts: Cost Time* (Check all that Apply) * Identify Schedule activity impacted, **attach** frag-net justifying time.

No change order shall be approved unless work is ordered in writing by the Owner Designated Rep

If Written Order provided prior to formal execution of CO **attach** copy of the written directive, and justification, as why the direction was necessary prior to a formal agreement. Attach concurrence of representative having authority to execute change order(s) for the city of El Paso, Contract Specific by Resolution. If formal RFP was provided to contractor **attach** copy. If E-mail was direction provided to contractor attach Copy.

Change order Type Check One: Mandatory Discretionary (Mandatory Violets Written code/standard, or will not function for intended purpose)

If mandatory **attach** justification, Direction from DOR and /or code/ standards references that the CO corrects, or Documentation from User Department Head explaining why the change is required

Differing site condition <input type="checkbox"/>	Engineering Change/Construction Deficiency <input type="checkbox"/>
User requested Change ** <input checked="" type="checkbox"/> <u>Sun Metro</u>	Substitution Contractor initiated <input type="checkbox"/>
Designer Directive (ASI) <input type="checkbox"/>	Error and omission <input type="checkbox"/>
Value Engineering Change <input type="checkbox"/>	Quantity Adjustment <input type="checkbox"/>

** Identify Funding source Sun Metro Bus Stop Enhancement Phase IV Grant Funded Projects **attach** Concurrence of Grant Funded program Director

Justification:

Reason:
 The User Department (Sun Metro) has requested improvements in multiple pathways between two bus stops to comply with ADA requirements, these 25 sites are in different districts throughout the city. Those improvements are critical to updating Sun Metro operations. The Capital Improvement Department prepared an estimate for this project based on 25 sites as of February 1, 2024, with a total estimated cost of \$699,568.37. Under the Horizontal Construction Improvements contract, a request for proposal was sent to the contractor Keystone GC, LLC., on March 27, 2024, for the work required at multiple locations. The contractor Keystone GC, LLC., responded on May 8, 2024, with a proposal of \$611,979.21 based as required by the Horizontal Construction Improvements contract. The proposal was evaluated against the cost estimate prepared by the Capital Improvement Department and found to be fair and reasonable. After reviewing all the information, the Project Manager recommends approval of the proposal for task order #08K-1

Time Justification: 250 consecutive calendar days for substantial completion, and 30 additional days for Final Completion for a total of 280 calendar days

Cost Impacts: The contractor has requested a compensation of \$611,979.21 dated 5/8/24. The requested compensation for the work of \$611,979.21 is reasonable and fair when compared to the ROM estimated by the City's PM of \$699,568.37.

After conducting a comprehensive analysis of the cost and schedule implications, the project manager recommends the approval of this task order. The time and financial compensation mentioned in the description above are both fair and reasonable to complete the work requested.

Method Utilized for implementing change

(Reference general conditions 2.5.2) Check all that apply

- . 1 Unit Bid Prices Previously Approved (attach Copy of supporting documents)
- . 2 An Agreed upon Lump Sum (Attach record of Negotiations, and Cost Analysis)
- . 3 Actual Cost (Force Account Change) (Attach Detailed record as per 2.2.5.2.3)

Cost/Price/Time Analysis

Attach Copy of analyst justifying cost and quantities

Contractors proposed cost: \$611,979.21 ✓
 Final Negotiated amount: \$611,979.211
 Time: Requested 250, justified

Independent Cost Estimate prepared Yes No , Validated, Vender Quotes, Published Data, Previously agreed Costs, Other (attach documentation of cost analysis).

Contract Change Reference: Reference Plan /Spec change, Describe Change (Attach additional sheets if necessary)

Narrative Description of Change SOW:

Task Order #08K-1 will incorporate the work described below in the Horizontal Construction Improvements Contract 2023-0397. This Task Order does not change the overall contract. The contractor must perform the required work to perform all necessary repairs across the specified routes in multiple locations throughout the city. These repairs must adhere strictly to ADA requirements to ensure full accessibility and compliance. The repairs include but are not limited to the following: demolition of ramps, sidewalks, driveways, curb, and gutter, as well as replacement ramps, driveways, sidewalks, curb, and gutter.

Specification Reference: Technical Specifications for Sun Metro Pathways

Drawing Reference: N/A

Builders Risk Insurance is required for this task order

A separate Notice To Proceed will be issued upon approval of necessary Bonds and Insurance as required by the contract.

Agreed upon proposal for task #08K-1 \$611,979.21

Time: 250 consecutive calendar days for substantial completion, and 30 additional days for Final Completion for a total of 280 calendar days

Unless specifically noted, this Task Order addresses all compensation for time and money, including all direct and indirect costs associated with this change.

User Department Concurrence (if required)

Requested by Project /Construction Manager:

6/10/24 6/6/24
Roberto Ortega *Fernanda Marquez*

Print Name _____

Print Name Roberto Ortega

Fernanda Marquez

Division Manager:

6/10/2024
Alondra Gurrola

Print Name Alondra Gurrola

Recommended for Approval by City Engineer:

Gilbert Guerrero
 Gilbert Guerrero Assistant Director of Capital Improvement

Date: 6/14/2024

Attachment 1, 20 S-2 Documenting Change Order Cost Reasonableness, Sample Summary, Page 1

Contract Change Order Documentation Summary and Determination of Cost Reasonableness:

Contract Name: Sun Metro Pathways

Solicitation /Project Number: 2023-0397 (Task Order #08K-1)

Change Order Number: 1

Prepared By: Fernanda Marquez

RFP:

In response to RFP (Attach Copy).

Initial Cost Estimate:

Check all that apply:

No initial estimate of the change order costs was attempted. (Attach Justification countersigned by assigned DM)

ROMs Estimates were prepared as follows:

- \$699,568.37 dated 3/28/2024

A Detailed Estimate in the amount of Click or tap here to enter text. was prepared on Date Click or tap to enter a date. (Attach copy).

The Design Consultant provided a detailed estimate in the amount of Click or tap here to enter text. was prepared on Click or tap to enter a date. (Attach copy).

Contractors Proposal:

The contractor provided the following proposals:

- \$611,979.21 dated 5/8/2024

- The proposal was reviewed as to the required Scope of work and found to accurately reflect the Scope of Work **Yes** **No** .

_____ After review with assigned DM the city elected to proceed with negotiations and address the scope inconsistencies in Negotiations without a proposal revision (list inconsistencies to be addressed in negotiations).

Attach continuation sheet if necessary

Attachment 1, 20 S-2 Documenting Change Order Cost Reasonableness, Sample Summary, Page 2

Cost evaluation: Cost reasonableness was determined using the following methods check all that apply.

Utilizing existing Bid Item

Price Analysis

Cost Analysis

(Provide narrative description for each method utilized and how reasonableness was determined)

Attach mark up a proposal with negotiation objectives, including accepted cost, Dated and initialed by the Preparer and Assigned Division Manager. Label Marked UP Proposal:

Narrative description of determination of reasonableness: (Attach Continuation sheets as necessary, include detailed table showing Proposed/Objective /and Negotiated when appropriate. (Sample included)

Narrative:

Reason:

The User Department (Sun Metro) has requested improvements in multiple pathways between two bus stops to comply with ADA requirements, these 25 sites are in different districts throughout the city. Those improvements are crucial to all of the users. The Capital Improvement Department prepared an estimate for this project based on 25 sites as of February 1, 2024, with a total estimated cost of \$699,568.37. Under the Horizontal Construction Improvements contract, a request for proposal was sent to the contractor Keystone GC, LLC., on March 27, 2024, for the work required at multiple locations.

The contractor Keystone GC, LCC., responded on May 8, 2024, with a proposal of \$611,979.21 based as required by the Horizontal Construction Improvements contract. The proposal was evaluated against the cost estimate prepared by the Capital Improvement Department and found to be fair and reasonable. After reviewing all the information, the Project Manager recommends approval of the proposal for task order #08K-1

Time Justification: 250 consecutive calendar days for substantial completion, and 30 additional days for Final Completion for a total of 280 calendar days

Cost Impacts: The contractor has requested a compensation of \$611,979.21 dated 5/8/24.

The requested compensation for the work of \$611,979.21 is reasonable and fair when compared to the ROM estimated by the City's PM of \$699,568.37.

After conducting a comprehensive analysis of the cost and schedule implications, the project manager recommends the approval of this task order. The time and financial compensation mentioned in the description above are both fair and reasonable to complete the work requested.

CITY OF EL PASO CONSTRUCTION CHANGE ORDER

CONSTRUCTION CHANGE ORDER NO.: <u>8k-1</u>	DATE: <u>May 28, 2023</u>		<input type="checkbox"/> SCOPE CHANGE
PROJECT: <u>Sun Metro Pathways</u>	SOLICITATION NO.: <u>2023-0397- Task Order #08K-1</u>	<input checked="" type="checkbox"/>	CONSTRUCTION CHANGE
Original Contract Amount: \$ <u>611,979.21</u>	Contract Time to Substantial Completion: <u>250</u>		
Net Change by previous Change Orders: \$ <u>-</u>	Total days added due to Change Orders and CQN's: <u>0</u>		
Net Change by previous Construction Quantity Notices: \$ <u>-</u>	Total days added for this Change Order: <u>0</u>		
Amount of this Construction Change Order: \$ <u>-</u>	New Contract Time to Substantial Completion: <u>250</u>		
New Amended Contract Amount: <u>\$611,979.21</u>	Current Substantial Completion Due Date: <u>TBD</u>		
Change Order Percentage: <u>0.00%</u>			

CONTRACTOR NAME: Keystone GC, LLC.

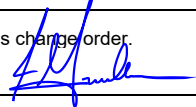
Please provide a detailed scope of work of the change order (see back for reason/justification):
Task Order #08K-1 will incorporate the work described below in the Horizontal Construction Improvements Contract 2023-0397. This Task Order does not change the overall contract. The contractor must perform the required work to perform all necessary repairs across the specified routes in multiple locations throughout the city. These repairs must adhere strictly to ADA requirements to ensure full accessibility and compliance. The repairs include but are not limited to the following: demolition of ramps, sidewalks, driveways, curb, and gutter, as well as replacement ramps, driveways, sidewalks, curb, and gutter.

Specification Reference: Technical Specifications for Sun Metro Pathways
Drawing Reference: N/A

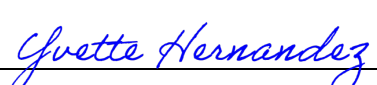
Builders Risk Insurance is not required for this task order
A separate Notice To Proceed will be issued upon approval of necessary Bonds and Insurance as required by the contract.
Agreed upon proposal for task #08K-1 \$611,979.21
Time: 250 consecutive calendar days for substantial completion, and 30 additional days for Final Completion for a total of 280 calendar days
Unless specifically noted, this Task Order addresses all compensation for time and money, including all direct and indirect costs associated with this change.

CONSECUTIVE CALENDAR DAYS ADDED TO COMPLETION TIME: 250 **TOTAL CHANGE ORDER AMOUNT:** \$611,979.21

CONTRACTOR: KEYSTONE GC, LCC

I, Francisco Guillen, of Keystone GC, LLC. agree and accept the terms and conditions of this change order.
Signature:  Date: 06.18.24

CITY OF EL PASO (OWNER)

I, Yvette Hernandez, P.E. of the City of El Paso hereby authorize and direct the Contractor to proceed with additional work as described in this form.
Signature:  Date: 6/18/24
Yvette Hernandez, P.E.

CITY OF EL PASO CONSTRUCTION CHANGE ORDER- Pg. 2

CONSTRUCTION CHANGE ORDER NO.: 8k-1 **DATE:** May 28, 2023 2023-0397- Task Order

X

SCOPE CHANGE
PROJECT: Sun Metro Pathways **SOLICITATION NO.** #08K-1 **CONSTRUCTION CHANGE**

Project Number <u>PCP09MT0090A</u>	Project Number <u>0</u>	PURCHASE ORDER # <u>TBD</u>
Class <u>6000</u>	Class <u>0</u>	
Department <u>560</u>	Department <u>0</u>	
Fund <u>3210</u>	Fund <u>0</u>	
Account <u>580270</u>	Account <u>0</u>	

CONTRACTOR NAME: Keystone GC, LLC.

PROVIDE REASON/JUSTIFICATION FOR CHANGE ORDER:



Reason:
 The User Department (Sun Metro) has requested improvements in multiple pathways between two bus stops to comply with ADA requirements, these 25 sites are in different districts throughout the city. Those improvements are crucial to all of the users. The Capital Improvement Department prepared an estimate for this project based on 25 sites as of February 1, 2024, with a total estimated cost of \$699,568.37. Under the Horizontal Construction Improvements contract, a request for proposal was sent to the contractor Keystone GC, LLC., on March 27, 2024, for the work required at multiple locations. The contractor Keystone GC, LCC., responded on May 8, 2024, with a proposal of \$611,979.21 based as required by the Horizontal Construction Improvements contract. The proposal was evaluated against the cost estimate prepared by the Capital Improvement Department and found to be fair and reasonable. After reviewing all the information, the Project Manager recommends approval of the proposal for task order #08K-1

Time Justification: 10 months

Cost Impacts: The contractor has requested a compensation of \$611,979.21 dated 5/8/24. The requested compensation for the work of \$611,979.21 is reasonable and fair when compared to the ROM estimated by the City's PM of \$699,568.37.

After conducting a comprehensive analysis of the cost and schedule implications, the project manager recommends the approval of this task order. The time and financial compensation mentioned in the description above are both fair and reasonable to complete the work requested.

CONSECUTIVE CALENDAR DAYS ADDED TO COMPLETION TIME: 0 **TOTAL CHANGE ORDER AMOUNT:**

Project Manager recommends approval:  6/10/24  6/6/24
 Roberto Ortega-Carlos Fernanda Marquez

Engineering Division Manager recommends approval:  6/10/2024
 Alondra Gurrola

Financing Department approval: _____
 (If Required)

AVAILABLE CONTINGENCY \$ TBD

TOTAL DAYS ADDED TO SUBS. COMP.: 0
 TOTAL DAYS ADDED TO CON. TIME: 0

REVISED DAYS TO:
 SUBSTANTIAL COMP. 250
 TOTAL CONTRACT TIME: 30

REVISED DUE DATE TO:
 SUBS. COMP. TBD
 CONTRACT TIME: TBD

SUBTOTAL FOR QUANTITY ADJUSTMENT 0 \$ -

TOTAL CONTRACT CHANGE \$ -

CURRENT CONTRACT VALUE \$611,979.21



CAPITAL IMPROVEMENT DEPARTMENT

REQUEST FOR PROPOSAL

MAYOR
Oscar Leeser

March 26, 2024

CITY COUNCIL

District 1
Brian Kennedy

Keystone Contractors and Engineers
Mr. Francisco Guillen
2718 Wyoming Avenue
El Paso, TX 79903

District 2
Dr. Josh Acevedo

Project Name: Sun Metro Pathways

District 3
Cassandra Hernandez

Mr. Guillen,

District 4
Joe Molinar

Under the Capital Improvement Department Job Order Contacting On-Call Horizontal Improvements # 2023-0397, you are requested to submit a proposal by or before April 11, 2024 for accomplishing the following scope of work:

District 5
Isabel Salcido

Work will include but not be limited to:

District 6
Art Fierro

The contractor must perform all of the repairs recommended by the Capital Improvement Department in all of the indicated pathways (multiple locations through the city), and all of the repairs need to meet the ADA requirements. The repairs include but are not limited to the following: demolition of ramps, sidewalks, driveways, curb, and gutter and steam wall, as well as replacement ramps, driveways, sidewalks, curb, and gutter and stem walls.

District 7
Henry Rivera

District 8
Chris Canales

Additionally, the contractor must consider in their cost estimate FTA requirements such as Buy America and Federal Wages Rates.

**INTERIM CITY
MANAGER**
Cary Westin

Per item K “Cost Estimating” page I-B-a-2 of the contract, the contractor must use the latest version of R.S. Means Facilities Construction Cost Data to provide the cost estimate.

Per item 8 “Time of Completion and Liquidated Damages” page I-B-a-5 of the contract. The duration of the work will be 250 consecutive calendar days to substantial completion. 30 Days additional for final completion.

Liquidated damages in the amount of \$450.00 per day will be assessed if work is not completed within the agreed substantial time frame and \$315.00 if the work is not completed within the agreed final completion time.

Yvette Hernandez, P.E., – City Engineer
City 2 | 218 N. Campbell, 2nd Floor | El Paso, Texas 79901 | (915) 212-0065





CAPITAL IMPROVEMENT DEPARTMENT

MAYOR
Oscar Leeser

ROC^{3/27/24}

Should you have any questions contact Roberto Ortega, Construction Manager at (915) 268-5927, or Alondra Gurrola, Capital Projects Manager at (915) 212-1880.

CITY COUNCIL

Sincerely,

District 1
Brian Kennedy

Alondra Gurrola

Alondra Gurrola
Capital Projects Manager

District 2
Dr. Josh Acevedo

District 3
Cassandra Hernandez

Attachment(s): Drawing sketch, technical specifications, and Design Standards for Construction Details.

District 4
Joe Molinar

District 5
Isabel Salcido

Cc: Gilbert Guerrero, Asst. Director of Capital Improvements
Daniel Garcia, Asst. Director of Capital Improvements
Alondra Gurrola, Capital Projects Manager
Roberto Ortega, Construction Manager
Fernanda Marquez, Undergrad Intern
Project file

District 6
Art Fierro

District 7
Henry Rivera

District 8
Chris Canales

**INTERIM CITY
MANAGER**
Cary Westin

Yvette Hernandez, P.E., – City Engineer
City 2 | 218 N. Campbell, 2nd Floor | El Paso, Texas 79901 | (915) 212-0065



WORK PROPOSAL



PROPOSAL SUBMITTED TO: The City of El Paso
STREET 218 N. Campbell Street, 2nd Floor
CITY, STATE AND ZIP CODE El Paso, Texas 799012

DATE SENT: June 13, 2024	PROPOSAL NO.: PR24-36
ATTENTION: Roberto Ortega-Carlos, Project Manager	
JOB LOCATIONS Various Locations	
JOB NAME Sun Metro Pathways	
PHONE (915)212-1822	FAX/ EMAIL ortegacr@elpasotexas.gov

DESCRIPTION OF WORK:

We propose to furnish all labor, material, and equipment necessary for the following work, as per plans by Capital Improvements Department:

Demolition

- Remove existing sidewalks, ADA ramps, medians and driveways.
- Remove curb & gutters.
- Load and haul off spoils from premises.

Site Concrete

- Subgrade preparation for the new sidewalks and ADA Ramps.
- Fine grading.
- Formwork.
- Concrete curb & gutter.
- 4" thick sidewalk reinforced with wire mesh.
- ADA Ramps to include truncated domes.
- Sidewalks repair to eliminate tripping hazards.
- Concrete driveways.
- Medians.
- Apply curing compound.

• Repair asphalt paving.

- Routes included:
 - District 4 – 1,2,3,4,5,7,8,9,10 & 11.
 - District 2 – 12,13,14 & 15.
 - District 3 – 16,18 & 19.
 - District 7 – 20,21,22,23 & 24.
 - District 6 – 25 & 27.
 - District 7 – 26.

Exclusions:

- RAS Inspection
- District 8
- District 3 Route 17
- Flashes

RS Means Subtotal	\$ 602,454.66
Payment & Performance Bonds.....	\$ 9,524.55
Grand Total	\$ 611,979.21

Exclusions:

1. Any other material or work not directly expressed in this proposal.

Should you have any questions, do not hesitate to contact us.

Sincerely,



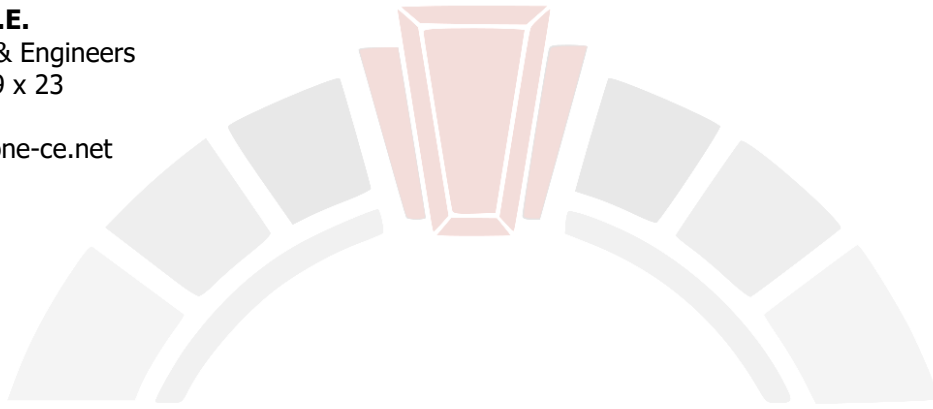
Francisco Guillen, P.E.

Keystone Contractors & Engineers

Office: (915) 562-4159 x 23

Fax: (915) 503-2235

Email: fguillen@keystone-ce.net



KEYSTONE

RSM means data
from G&RDIAN.

CONTRACTORS & ENGINEERS

Cost Estimate Report

City of El Paso
 El Paso, TX 79901
 Several Locations

Date: 06/13/2024

PR24-36 Sun Metro Pathways
 Year 2024
 Unit Detail Report vy WBS
 Prepared by: Jesus Campos Keystone GC, LLC.
 Data Release:

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
Sun Metro Pathways > D4 R1 Sean Haggerty_John Little_Stampede					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	35.00	L.F.	\$ 2.04	\$ 71.40
024113176100	Demolish, remove pavement & curb, remove concrete curbs, reinforced, excludes hauling and disposal fees	36.00	L.F.	\$ 8.82	\$ 317.52
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	62.00	S.Y.	\$ 17.34	\$ 1,075.08
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	13.00	L.C.Y.	\$ 18.78	\$ 244.14
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 36.62
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
321613130406	Cast-in place concrete curbs & gutters, concrete, wood forms, radius, 6" x 18", includes concrete	36.00	L.F.	\$ 29.60	\$ 1,065.60
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	1654.50	S.F.	\$ 6.92	\$ 11,449.14
033923130300	Concrete surface treatment, curing, sprayed membrane compound	19.41	C.S.F.	\$ 24.18	\$ 469.33
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.00	Ea.	\$ 591.96	\$ 591.96
101453200400	Signs, stock, aluminum, reflectorized, high intensity, .080" aluminum, 30" x 30", excludes posts	2.00	Ea.	\$ 135.80	\$ 271.60
101453201500	Signs, 10'-0", add to above for steel posts, galvanized, upright, bolted	2.00	Ea.	\$ 74.98	\$ 149.96

RSM means data
 from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
311313203150	Selective clearing and grubbing, 14" to 24" diameter, remove selective trees, on site using chain saws and chipper, excludes stumps	2.00	Ea.	\$ 636.86	\$ 1,273.72
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	12.00	L.F.	\$ 240.00	\$ 2,880.00
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.71	\$ 534.20
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R1 Sean Haggerty_John Little_Stampede Subtotal					\$ 21,903.27
Sun Metro Pathways > D4 R2 Sean Haggerty_Sandstone Pointe_Pat Pal					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	60.00	L.F.	\$ 2.04	\$ 122.40
024113176100	Demolish, remove pavement & curb, remove concrete curbs, reinforced, excludes hauling and disposal fees	40.00	L.F.	\$ 8.82	\$ 352.80
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	50.00	S.Y.	\$ 17.34	\$ 867.00
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	11.00	L.C.Y.	\$ 18.78	\$ 206.58
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 30.98
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	457.00	S.F.	\$ 6.92	\$ 3,162.44
033923130300	Concrete surface treatment, curing, sprayed membrane compound	7.99	C.S.F.	\$ 24.18	\$ 193.20
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	0.50	Ea.	\$ 591.96	\$ 295.98
101453200400	Signs, stock, aluminum, reflectorized, high intensity, .080" aluminum, 30" x 30", excludes posts	2.00	Ea.	\$ 135.80	\$ 271.60

RMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
101453201500	Signs, 10'-0", add to above for steel posts, galvanized, upright, bolted	2.00	Ea.	\$ 74.98	\$ 149.96
221119389000	Water supply meter, minimum labor/equipment charge	1.00	Job	\$ 175.18	\$ 175.18
321726100100	Pavement, tactile warning tiles S.F.	30.00	S.F.	\$ 26.89	\$ 806.70
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	18.00	L.F.	\$ 240.00	\$ 4,320.00
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.71	\$ 534.20
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R2 Sean Haggerty_Sandstone Pointe_Pat Pal Subtotal					\$ 12,962.02
Sun Metro Pathways > D4 R3 Salem_Rushing					
321723141310	Pavement markings, permanent thermoplastic tape, 12" width, including layout	464.00	L.F.	\$ 14.69	\$ 6,816.16
321723140790	Pavement markings, layout of pavement marking	464.00	L.F.	\$ 0.09	\$ 41.76
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R3 Salem_Rushing Subtotal					\$ 7,350.50
Sun Metro Pathways > D4 R4 Salem_McCombs_Murphy					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	50.00	L.F.	\$ 2.04	\$ 102.00
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	53.90	S.Y.	\$ 17.34	\$ 934.63

RSMMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	9.00	L.C.Y.	\$ 18.78	\$ 169.02
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 25.36
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	485.00	S.F.	\$ 6.92	\$ 3,356.20
033923130300	Concrete surface treatment, curing, sprayed membrane compound	4.85	C.S.F.	\$ 24.18	\$ 117.27
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R4 Salem_McCombs_Murphy Subtotal					\$ 6,177.48

Sun Metro Pathways > D4 R5 Wolverine_Sun Valley_Cross

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	40.00	L.F.	\$ 2.04	\$ 81.60
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	31.10	S.Y.	\$ 17.34	\$ 539.27
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	5.00	L.C.Y.	\$ 18.78	\$ 93.90
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 14.09
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	125.00	S.F.	\$ 6.92	\$ 865.00
033923130300	Concrete surface treatment, curing, sprayed membrane compound	3.00	C.S.F.	\$ 24.18	\$ 72.54
321726100100	Pavement, tactile warning tiles S.F.	10.00	S.F.	\$ 26.89	\$ 268.90
221119389000	Water supply meter, minimum labor/equipment charge	1.00	Job	\$ 175.18	\$ 175.18

RSMeans data
from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	55.00	S.F.	\$ 8.87	\$ 487.85
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.00	Ea.	\$ 591.96	\$ 591.96
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	6.00	L.F.	\$ 240.00	\$ 1,440.00
321726100100	Pavement, tactile warning tiles S.F.	10.00	S.F.	\$ 26.71	\$ 267.10
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R5 Wolverine_Sun Valley_Cross Subtotal					\$ 6,370.39

Sun Metro Pathways > D4 R7 Qual Ave_Milan_Dyer_Parkland

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	140.00	L.F.	\$ 2.04	\$ 285.60
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	126.00	S.Y.	\$ 17.34	\$ 2,184.84
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	20.00	L.C.Y.	\$ 18.78	\$ 375.60
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 56.34
312213200100	Rough grading sites, 400 S.F. or less, hand labor	2.00	Ea.	\$ 980.42	\$ 1,960.84
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	1105.00	S.F.	\$ 6.92	\$ 7,646.60
033923130300	Concrete surface treatment, curing, sprayed membrane compound	3.00	C.S.F.	\$ 24.18	\$ 72.54
321726100100	Pavement, tactile warning tiles S.F.	60.00	S.F.	\$ 26.89	\$ 1,613.40
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	385.00	S.F.	\$ 8.87	\$ 3,414.95
101453200400	Signs, stock, aluminum, reflectorized, high intensity, .080" aluminum, 30" x 30", excludes posts	2.00	Ea.	\$ 135.80	\$ 271.60

RSMeans data
from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
101453201500	Signs, 10'-0", add to above for steel posts, galvanized, upright, bolted	2.00	Ea.	\$ 74.98	\$ 149.96
320190192010	Traffic safety, flashing truck for highway/airport median mowing	3.00	Day	\$ 1,221.83	\$ 3,665.49
024113621100	Selective demolition, chain link fences & gates, fence, fabric & accessories, fabric, to 8' high	20.00	L.F.	\$ 3.04	\$ 60.80
323113306695	Fence, chain link, gates & posts, end posts, chain link fence, vinyl coated, (1/3 post length in ground), 3" OD, 6', set in concrete, includes excavation	2.00	Ea.	\$ 124.15	\$ 248.30
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	2.50	Ea.	\$ 591.96	\$ 1,479.90
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	36.00	L.F.	\$ 240.00	\$ 8,640.00
321726100100	Pavement, tactile warning tiles S.F.	60.00	S.F.	\$ 26.71	\$ 1,602.60
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R7 Qual Ave_Milan_Dyer_Parkland Subtotal					\$ 34,221.94

Sun Metro Pathways > D4 R8 Dyer St_McCombs_Parkland M.P.

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	60.00	L.F.	\$ 2.04	\$ 122.40
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	86.20	S.Y.	\$ 17.34	\$ 1,494.71
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	14.00	L.C.Y.	\$ 18.78	\$ 262.92
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 39.44
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	180.00	S.F.	\$ 6.92	\$ 1,245.60

RSMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
033923130300	Concrete surface treatment, curing, sprayed membrane compound	3.00	C.S.F.	\$ 24.18	\$ 72.54
321726100100	Pavement, tactile warning tiles S.F.	10.00	S.F.	\$ 26.89	\$ 268.90
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	474.00	S.F.	\$ 8.87	\$ 4,204.38
320190192010	Traffic safety, flashing truck for highway/airport median mowing	3.00	Day	\$ 1,221.83	\$ 3,665.49
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	0.50	Ea.	\$ 591.96	\$ 295.98
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	6.00	L.F.	\$ 240.00	\$ 1,440.00
321726100100	Pavement, tactile warning tiles S.F.	10.00	S.F.	\$ 26.71	\$ 267.10
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R8 Dyer St_McCombs_Parkland M.P. Subtotal					\$ 14,852.46

Sun Metro Pathways > D4 R9 Dyer St_Fairbanks_Parkland M.P.

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	30.00	L.F.	\$ 2.04	\$ 61.20
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	23.60	S.Y.	\$ 17.34	\$ 409.22
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	4.00	L.C.Y.	\$ 18.78	\$ 75.12
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 11.27
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
033923130300	Concrete surface treatment, curing, sprayed membrane compound	3.90	C.S.F.	\$ 24.18	\$ 94.30

RSM means data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.89	\$ 537.80
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	150.00	S.F.	\$ 8.87	\$ 1,330.50
320190192010	Traffic safety, flashing truck for highway/airport median mowing	3.00	Day	\$ 1,221.83	\$ 3,665.49
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.00	Ea.	\$ 591.96	\$ 591.96
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	12.00	L.F.	\$ 240.00	\$ 2,880.00
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.71	\$ 534.20
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R9 Dyer St_Fairbanks_Parkland M.P. Subtotal					\$ 11,664.06
Sun Metro Pathways > D4 R10 Rushing_La Taste_Transmountain_Alcan					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	60.00	L.F.	\$ 2.04	\$ 122.40
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	15.60	S.Y.	\$ 17.34	\$ 270.50
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	3.00	L.C.Y.	\$ 18.78	\$ 56.34
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 8.45
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	140.00	S.F.	\$ 6.92	\$ 968.80
033923130300	Concrete surface treatment, curing, sprayed membrane compound	1.40	C.S.F.	\$ 24.18	\$ 33.85

RSMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
320190192010	Traffic safety, flashing truck for highway/airport median mowing	1.50	Day	\$ 1,221.83	\$ 1,832.75
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R10 Rushing_La Taste_Transmountain_Alcan Subtotal					\$ 4,766.09

Sun Metro Pathways > D4 R11 Will Ruth Ave_Roanoke_Dyer_Will Ruth

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	110.00	L.F.	\$ 2.04	\$ 224.40
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	309.40	S.Y.	\$ 17.34	\$ 5,365.00
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	49.00	L.C.Y.	\$ 18.78	\$ 920.22
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 138.04
312213200100	Rough grading sites, 400 S.F. or less, hand labor	2.00	Ea.	\$ 980.42	\$ 1,960.84
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	1155.00	S.F.	\$ 6.92	\$ 7,992.60
033923130300	Concrete surface treatment, curing, sprayed membrane compound	31.45	C.S.F.	\$ 24.18	\$ 760.46
321726100100	Pavement, tactile warning tiles S.F.	30.00	S.F.	\$ 26.89	\$ 806.70
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	795.00	S.F.	\$ 8.87	\$ 7,051.65
320190192010	Traffic safety, flashing truck for highway/airport median mowing	1.50	Day	\$ 1,221.83	\$ 1,832.75
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.50	Ea.	\$ 591.96	\$ 887.94
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	18.00	L.F.	\$ 240.00	\$ 4,320.00
321726100100	Pavement, tactile warning tiles S.F.	30.00	S.F.	\$ 26.71	\$ 801.30

RSMeans data
from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D4 R11 Will Ruth Ave_Roanoke_Dyer_Will Ruth Subtotal					\$ 33,554.48
Sun Metro Pathways > D2 R12 Truman Ave_Russell_Byron					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	70.00	L.F.	\$ 2.04	\$ 142.80
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	76.90	S.Y.	\$ 17.34	\$ 1,333.45
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	12.20	L.C.Y.	\$ 18.78	\$ 229.12
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 34.37
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	392.00	S.F.	\$ 6.92	\$ 2,712.64
033923130300	Concrete surface treatment, curing, sprayed membrane compound	7.52	C.S.F.	\$ 24.18	\$ 181.83
321726100100	Pavement, tactile warning tiles S.F.	30.00	S.F.	\$ 26.89	\$ 806.70
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.50	Ea.	\$ 591.96	\$ 887.94
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	18.00	L.F.	\$ 240.00	\$ 4,320.00
321726100100	Pavement, tactile warning tiles S.F.	30.00	S.F.	\$ 26.71	\$ 801.30
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18

RMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
Sun Metro Pathways > D2 R12 Truman Ave_Russell_Byron Subtotal					\$ 12,923.15
Sun Metro Pathways > D2 R13 Hamilton Ave_Alabama St_Piedras Ave					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	120.00	L.F.	\$ 2.04	\$ 244.80
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	218.90	S.Y.	\$ 17.34	\$ 3,795.73
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	35.00	L.C.Y.	\$ 18.78	\$ 657.30
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 98.59
312213200100	Rough grading sites, 400 S.F. or less, hand labor	2.00	Ea.	\$ 980.42	\$ 1,960.84
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	1250.00	S.F.	\$ 6.92	\$ 8,650.00
033923130300	Concrete surface treatment, curing, sprayed membrane compound	2.09	C.S.F.	\$ 24.18	\$ 50.54
321726100100	Pavement, tactile warning tiles S.F.	60.00	S.F.	\$ 26.89	\$ 1,613.40
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	120.00	S.F.	\$ 8.87	\$ 1,064.40
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	2.75	Ea.	\$ 591.96	\$ 1,627.89
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	36.00	L.F.	\$ 240.00	\$ 8,640.00
321726100100	Pavement, tactile warning tiles S.F.	60.00	S.F.	\$ 26.71	\$ 1,602.60
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D2 R13 Hamilton Ave_Alabama St_Piedras Ave Subtotal					\$ 30,498.67

RSMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
Sun Metro Pathways > D2 R14 Dakota_San Jose_Piedras_San Diego					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	170.00	L.F.	\$ 2.04	\$ 346.80
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	333.50	S.Y.	\$ 17.34	\$ 5,782.89
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	53.00	L.C.Y.	\$ 18.78	\$ 995.34
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 149.30
312213200100	Rough grading sites, 400 S.F. or less, hand labor	2.00	Ea.	\$ 980.42	\$ 1,960.84
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	1400.00	S.F.	\$ 6.92	\$ 9,688.00
033923130300	Concrete surface treatment, curing, sprayed membrane compound	31.60	C.S.F.	\$ 24.18	\$ 764.09
321726100100	Pavement, tactile warning tiles S.F.	80.00	S.F.	\$ 26.89	\$ 2,151.20
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	800.00	S.F.	\$ 8.87	\$ 7,096.00
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	3.75	Ea.	\$ 591.96	\$ 2,219.85
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	48.00	L.F.	\$ 240.00	\$ 11,520.00
321726100100	Pavement, tactile warning tiles S.F.	80.00	S.F.	\$ 26.71	\$ 2,136.80
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D2 R14 Dakota_San Jose_Piedras_San Diego Subtotal					\$ 45,303.69
Sun Metro Pathways > D2 R15 Grant Ave_Cedar_Piedras					

RSMMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	50.00	L.F.	\$ 2.04	\$ 102.00
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	111.20	S.Y.	\$ 17.34	\$ 1,928.21
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	18.00	L.C.Y.	\$ 18.78	\$ 338.04
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 50.71
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	325.00	S.F.	\$ 6.92	\$ 2,249.00
033923130300	Concrete surface treatment, curing, sprayed membrane compound	10.01	C.S.F.	\$ 24.18	\$ 242.04
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	676.00	S.F.	\$ 8.87	\$ 5,996.12
221119389000	Water supply meter, minimum labor/equipment charge	3.00	Job	\$ 175.18	\$ 525.54
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D2 R15 Grant Ave_Cedar_Piedras Subtotal					\$ 12,904.66

Sun Metro Pathways > D3 R16 Clark Dr_Trowbridge_Geronimo_Arapaho

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	90.00	L.F.	\$ 2.04	\$ 183.60
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	1004.20	S.Y.	\$ 17.34	\$ 17,412.83
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	160.00	L.C.Y.	\$ 18.78	\$ 3,004.80
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 450.72
312213200100	Rough grading sites, 400 S.F. or less, hand labor	2.00	Ea.	\$ 980.42	\$ 1,960.84

RSMeans data
from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	1998.00	S.F.	\$ 6.92	\$ 13,826.16
033923130300	Concrete surface treatment, curing, sprayed membrane compound	28.22	C.S.F.	\$ 24.18	\$ 682.36
321726100100	Pavement, tactile warning tiles S.F.	10.00	S.F.	\$ 26.89	\$ 268.90
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	704.00	S.F.	\$ 8.87	\$ 6,244.48
221119389000	Water supply meter, minimum labor/equipment charge	3.00	Job	\$ 175.18	\$ 525.54
321613130406	Cast-in place concrete curbs & gutters, concrete, wood forms, radius, 6" x 18", includes concrete	68.00	L.F.	\$ 29.60	\$ 2,012.80
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	2.00	Ea.	\$ 591.96	\$ 1,183.92
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	6.00	L.F.	\$ 240.00	\$ 1,440.00
321726100100	Pavement, tactile warning tiles S.F.	10.00	S.F.	\$ 26.71	\$ 267.10
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D3 R16 Clark Dr_Trowbridge_Geronimo_Arapaho Subtotal					\$ 49,956.63
Sun Metro Pathways > D3 R18 Boeing_Postal_Montana_Hawkins					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	30.00	L.F.	\$ 2.04	\$ 61.20
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	27.20	S.Y.	\$ 17.34	\$ 471.65
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	5.00	L.C.Y.	\$ 18.78	\$ 93.90
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 14.09

RSM means data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	245.00	S.F.	\$ 6.92	\$ 1,695.40
033923130300	Concrete surface treatment, curing, sprayed membrane compound	4.85	C.S.F.	\$ 24.18	\$ 117.27
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.89	\$ 537.80
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.00	Ea.	\$ 591.96	\$ 591.96
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	12.00	L.F.	\$ 240.00	\$ 2,880.00
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.71	\$ 534.20
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D3 R18 Boeing_Postal_Montana_Hawkins Subtotal					\$ 8,470.47

Sun Metro Pathways > D3 R19 Giles_La Grange_Carolina

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	40.00	L.F.	\$ 2.04	\$ 81.60
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	94.70	S.Y.	\$ 17.34	\$ 1,642.10
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	15.00	L.C.Y.	\$ 18.78	\$ 281.70
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 42.25
312213200100	Rough grading sites, 400 S.F. or less, hand labor	2.00	Ea.	\$ 980.42	\$ 1,960.84
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	852.00	S.F.	\$ 6.92	\$ 5,895.84
033923130300	Concrete surface treatment, curing, sprayed membrane compound	85.20	C.S.F.	\$ 24.18	\$ 2,060.14

RSMeans data
from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
221119389000	Water supply meter, minimum labor/equipment charge	1.00	Job	\$ 175.18	\$ 175.18
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D3 R19 Giles_La Grange_Carolina Subtotal					\$ 12,632.23

Sun Metro Pathways > D7 R20 Lomaland_North Loop

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	80.00	L.F.	\$ 2.04	\$ 163.20
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	80.50	S.Y.	\$ 17.34	\$ 1,395.87
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	13.00	L.C.Y.	\$ 18.78	\$ 244.14
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 36.62
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	325.00	S.F.	\$ 6.92	\$ 2,249.00
033923130300	Concrete surface treatment, curing, sprayed membrane compound	80.50	C.S.F.	\$ 24.18	\$ 1,946.49
321726100100	Pavement, tactile warning tiles S.F.	40.00	S.F.	\$ 26.89	\$ 1,075.60
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	2.00	Ea.	\$ 591.96	\$ 1,183.92
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	24.00	L.F.	\$ 240.00	\$ 5,760.00
321726100100	Pavement, tactile warning tiles S.F.	60.00	S.F.	\$ 26.71	\$ 1,602.60
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18

RSMeans data
from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
Sun Metro Pathways > D7 R20 Lomaland_North Loop Subtotal					\$ 17,130.44
Sun Metro Pathways > D7 R21 Lomaland_Highland_Yermoland_Cornelius					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	60.00	L.F.	\$ 2.04	\$ 122.40
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	106.30	S.Y.	\$ 17.34	\$ 1,843.24
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	17.00	L.C.Y.	\$ 18.78	\$ 319.26
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 47.89
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	145.00	S.F.	\$ 6.92	\$ 1,003.40
033923130300	Concrete surface treatment, curing, sprayed membrane compound	9.67	C.S.F.	\$ 24.18	\$ 233.82
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.89	\$ 537.80
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	582.00	S.F.	\$ 8.87	\$ 5,162.34
221119389000	Water supply meter, minimum labor/equipment charge	2.00	Job	\$ 175.18	\$ 350.36
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.00	Ea.	\$ 591.96	\$ 591.96
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	12.00	L.F.	\$ 240.00	\$ 2,880.00
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.71	\$ 534.20
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18

RMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
Sun Metro Pathways > D7 R21 Lomaland_Highland_Yermoland_Cornelius Subtotal					\$ 15,099.67
Sun Metro Pathways > D7 R22 Wedgewood_Sugarberry_McRae_Sims					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	110.00	L.F.	\$ 2.04	\$ 224.40
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	123.00	S.Y.	\$ 17.34	\$ 2,132.82
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	20.00	L.C.Y.	\$ 18.78	\$ 375.60
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 56.34
312213200100	Rough grading sites, 400 S.F. or less, hand labor	2.00	Ea.	\$ 980.42	\$ 1,960.84
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	482.00	S.F.	\$ 6.92	\$ 3,335.44
033923130300	Concrete surface treatment, curing, sprayed membrane compound	11.47	C.S.F.	\$ 24.18	\$ 277.34
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.89	\$ 537.80
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	425.00	S.F.	\$ 8.87	\$ 3,769.75
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.00	Ea.	\$ 591.96	\$ 591.96
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	12.00	L.F.	\$ 240.00	\$ 2,880.00
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.71	\$ 534.20
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D7 R22 Wedgewood_Sugarberry_McRae_Sims Subtotal					\$ 17,169.07

RSMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
Sun Metro Pathways > D7 R23 Lomaland_Trawood_Arnold Palmer					
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	130.00	L.F.	\$ 2.04	\$ 265.20
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	170.60	S.Y.	\$ 17.34	\$ 2,958.20
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	28.00	L.C.Y.	\$ 18.78	\$ 525.84
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 78.88
312213200100	Rough grading sites, 400 S.F. or less, hand labor	2.00	Ea.	\$ 980.42	\$ 1,960.84
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	160.00	S.F.	\$ 6.92	\$ 1,107.20
033923130300	Concrete surface treatment, curing, sprayed membrane compound	14.65	C.S.F.	\$ 24.18	\$ 354.24
321726100100	Pavement, tactile warning tiles S.F.	90.00	S.F.	\$ 26.89	\$ 2,420.10
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	225.00	S.F.	\$ 8.87	\$ 1,995.75
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	4.50	Ea.	\$ 591.96	\$ 2,663.82
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	54.00	L.F.	\$ 240.00	\$ 12,960.00
321726100100	Pavement, tactile warning tiles S.F.	90.00	S.F.	\$ 26.71	\$ 2,403.90
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D7 R23 Lomaland_Trawood_Arnold Palmer Subtotal					\$ 30,186.55
Sun Metro Pathways > D7 R24 400 S Zaragoza					

RSMeans data
from GORDIAN.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	20.00	L.F.	\$ 2.04	\$ 40.80
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	10.90	S.Y.	\$ 17.34	\$ 189.01
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	2.00	L.C.Y.	\$ 18.78	\$ 37.56
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 5.64
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	98.00	S.F.	\$ 6.92	\$ 678.16
033923130300	Concrete surface treatment, curing, sprayed membrane compound	0.98	C.S.F.	\$ 24.18	\$ 23.70
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D7 R24 400 S Zaragoza Subtotal					\$ 2,447.87

Sun Metro Pathways > D6 R25 Montwood_Firehouse_Sun Fire

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	110.00	L.F.	\$ 2.04	\$ 224.40
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	106.70	S.Y.	\$ 17.34	\$ 1,850.18
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	17.00	L.C.Y.	\$ 18.78	\$ 319.26
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 47.89
312213200100	Rough grading sites, 400 S.F. or less, hand labor	2.00	Ea.	\$ 980.42	\$ 1,960.84
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	590.00	S.F.	\$ 6.92	\$ 4,082.80
033923130300	Concrete surface treatment, curing, sprayed membrane compound	20.70	C.S.F.	\$ 24.18	\$ 500.53

RSMeans data
from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
321726100100	Pavement, tactile warning tiles S.F.	40.00	S.F.	\$ 26.89	\$ 1,075.60
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	1000.00	S.F.	\$ 8.87	\$ 8,870.00
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	2.00	Ea.	\$ 591.96	\$ 1,183.92
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	24.00	L.F.	\$ 240.00	\$ 5,760.00
321726100100	Pavement, tactile warning tiles S.F.	40.00	S.F.	\$ 26.71	\$ 1,068.40
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D6 R25 Montwood_Firehouse_Sun Fire Subtotal					\$ 27,436.40

Sun Metro Pathways > D5 R26 Montwood_Joan Francis_Sun Quest

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	50.00	L.F.	\$ 2.04	\$ 102.00
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	49.50	S.Y.	\$ 17.34	\$ 858.33
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	8.00	L.C.Y.	\$ 18.78	\$ 150.24
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 22.54
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	60.00	S.F.	\$ 6.92	\$ 415.20
033923130300	Concrete surface treatment, curing, sprayed membrane compound	4.85	C.S.F.	\$ 24.18	\$ 117.27
321726100100	Pavement, tactile warning tiles S.F.	30.00	S.F.	\$ 26.89	\$ 806.70
320610100400	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 6" thick, excludes base	65.00	S.F.	\$ 8.87	\$ 576.55

RSMMeans data
from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.50	Ea.	\$ 591.96	\$ 887.94
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	18.00	L.F.	\$ 240.00	\$ 4,320.00
321726100100	Pavement, tactile warning tiles S.F.	30.00	S.F.	\$ 26.71	\$ 801.30
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D5 R26 Montwood_Joan Francis_Sun Quest Subtotal					\$ 10,531.07

Sun Metro Pathways > D6 R27 Nolan Richardson_David Forti_Oak Abbey

038113500400	Concrete sawing, concrete slabs, mesh reinforcing, up to 3" deep, includes blade cost, layout and set up time	40.00	L.F.	\$ 2.04	\$ 81.60
024113304110	Minor site demolition, sidewalk, concrete, plain, 5" thick, remove, excludes hauling	57.70	S.Y.	\$ 17.34	\$ 1,000.52
312323200224	Cycle hauling(wait, load, travel, unload or dump & return) time per cycle, excavated or borrow, loose cubic yards, 20 min wait/load/unload, 8 C.Y. truck, cycle 8 miles, 15 MPH, excludes loading equipment	10.00	L.C.Y.	\$ 18.78	\$ 187.80
312323200224	For loading onto trucks, add (Modifier Multiplied from Above Quantity)	1.00		\$ 2.82	\$ 28.18
312213200100	Rough grading sites, 400 S.F. or less, hand labor	1.00	Ea.	\$ 980.42	\$ 980.42
320610100310	Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3,000 psi, 4" thick, excludes base	400.00	S.F.	\$ 6.92	\$ 2,768.00
033923130300	Concrete surface treatment, curing, sprayed membrane compound	6.40	C.S.F.	\$ 24.18	\$ 154.75
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.89	\$ 537.80
320117200500	Flexible pavement patches, roadway, light traffic, cold pave patch, 15 S.F. & 4 inch depth	1.00	Ea.	\$ 591.96	\$ 591.96
033053404520	Structural concrete, in place, handicap access ramp (4000 psi), railing both sides, 3' wide, includes forms(4 uses), Grade 60 rebar, concrete (Portland cement Type I), placing and finishing (reduced to 40% to deduct railing)	12.00	L.F.	\$ 240.00	\$ 2,880.00

RSMeans data
from **GORDIAN**.

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
321726100100	Pavement, tactile warning tiles S.F.	20.00	S.F.	\$ 26.71	\$ 534.20
015623100850	Barricades, traffic cones, PVC, 28" high	20.00	Ea.	\$ 17.42	\$ 348.40
015623103010	Detour sign, reflective aluminum, MUTCD, 24" x 24", post mounted	6.00	Ea.	\$ 24.03	\$ 144.18
Sun Metro Pathways > D6 R27 Nolan Richardson_David Forti_Oak Abbey Subtotal					\$ 10,237.81
Subtotal					\$ 456,751.07

LineNumber	Description	Quantity	Unit	Total O&P	Ext. Total O&P
	<i>General Contractor's Markup on Subs</i>	<i>0.00%</i>			\$ -
	<i>Subtotal</i>				\$ 456,751.07
	<i>General Conditions</i>	<i>0.00%</i>			\$ -
	<i>Subtotal</i>				\$ 456,751.07
	<i>General Contractor's Markup Overhead and Profit</i>	<i>31.90%</i>			\$ 145,703.59
	<i>Grand Total</i>				\$ 602,454.66

Deactivated Stop ID	Starting Stop Name	District	Active Stop	Ending Stop Name	Adjust water valve (E.A.)	DEMO Driveway (S.Y.)	DEMO SW (S.Y.)	DEMO Median (S.Y.)	DEMO RAMP (S.Y.)	DEMO TREE (E.A.)	DEMO LANDSCAPING (Acre)	DEMO CURVE & GUTTER (L.F.)	DEMO CURVE (L.F.)	Chainlink Fence (L.F.)	ADD DW (S.F.)	ADD SW (S.F.)	ADD Median (S.F.)	ADD RAMP (E.A.)	Curb (L.F.)	Curb&Gutter (L.F.)	CROSSING SIGNS (E.A.)	RAMP TILES (S.F.)	SIGN INSTALLATION	STRIPPING	OVER EXCAVATION	BACKFILL	IRRIGATION REPAIRS	ASPHALT PARCHES	TOTAL	Comments	Comments from google maps	
1	847 Clark/Trowbridge	2	1557	Geronimo/Arapaho	3.0	78.2	222.0	0.0	0.0	0.0	0.0	68.0	30.0	0.0	704.0	1998.0	0.0	1.0	30.0	68.0	0.0	0.0	0.0				1.0	\$ 34,625.84		Does not have a specific SW until the train. SW are damaged. Water Valve. * Commercial Driveways ramps required		
2	3000 Piedras/Hamilton	2	3171	Alabama/Hamilton	0.0	13.3	138.9	0.0	66.7	0.0	0.0	0.0	0.0	0.0	120.0	1250.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0				6.0	\$ 30,178.56		No ramps to cross Piedras St. and Hamilton between Louisiana St and Alabama St are so steep and also, we have the big sewer tubes		
3	3605 Truman/Russell	2	2392	Byron/Truman	0.0	0.0	43.6	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	392.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0				3.0	\$ 12,538.76		3518 under construction (home). They do not have SW.		
4	3181 Dakota/San Jose	2	2417	1315 Piedras/San Diego	0.0	89.0	155.6	0.0	88.9	0.0	0.0	0.0	0.0	0.0	800.0	1400.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0				8.0	\$ 44,848.89				
5	4016 Gram/Cedar	2	2418	Piedras/Grant	3.0	75.1	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	676.0	325.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	\$ 15,099.23				
6	2411 Montana/Cessna	3	90	Montana/Hawkins	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	\$ -				
7	1726 Giles/La Grange	3	1725	Carolina/Giles	1.0	0.0	94.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	852.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	\$ 8,745.87				
8	2845 #401 Boeing/Postal	3	2820	Montana/Hawkins	0.0	0.0	27.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	245.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0				2.0	\$ 7,691.72				
9	3313 Salem/McCombs	4	3314	Salem/Murphy	0.0	0.0	53.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	485.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	\$ 3,982.39		Just SW.		
10	3380 Dyer/Fairbanks	4	3408	10115 Dyer/Parkland M.P.	0.0	16.7	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	150.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0				2.0	\$ 7,438.67		It is almost cover with route 8 10059 Dyer/McCombs. I just can identify one different issue, the sidewalk is damaged but in that section there are a bench.		
11	3382 5932 Quail/Milan	4	3408	10115 Dyer/Parkland M.P.	0.0	48.0	33.9	8.9	35.2	0.0	0.0	0.0	0.0	20.0	432.0	305.0	80.0	6.0	0.0	0.0	2.0	0.0	2.0				6.0	\$ 26,153.57		This route is one of the most complicated, there are a lot of work to do. We need 9 ramps, and we can start doing a comment to do a pathway in the median.		
12	3409 10059 Dyer/McCombs	4	3408	10115 Dyer/Parkland M.P.	0.0	54.7	18.2	0.0	13.3	0.0	0.0	0.0	0.0	0.0	492.0	180.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0				1.0	\$ 9,839.16		Just some SW to replace. Also, asphalt elevation in the ramps.		
13	3425 Salem/Rushing	4	80	Rushing/Salem	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	\$ -		Everything looks renovated but the ramps are not matching or symmetric.		
14	3474 Rushing/La Taste	4	3341	Trans Mt./Alican	0.0	0.0	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	\$ 1,149.56		The pathway looks good, we just need replace some SW because are elevations or broken.		
15	4236 Sean Haggerty DR/Sandstone Pointe	4	3967	4980 Sean Haggerty/Pat/Pal	1.0	0.0	22.2	21.1	6.7	0.0	0.0	40.0	0.0	0.0	0.0	266.0	191.0	3.0	0.0	40.0	2.0	3.0	2.0				3.0	\$ 15,737.05		Just add a pathway in the median.		
16	4238 Will Ruth Ave/roanoke 2	4	3375	9600 Dyer/Will Ruth	0.0	221.1	88.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1990.0	795.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0				3.0	\$ 36,186.06		Check the possibility to create a pathway in the front SW (outside of Jethro Hills)		
17	4268 Deer Ave/Railroad Dr	4	4271	Deer Ave/Cross St	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	\$ -		Everything looks renovated, and some of the route are covered by Wolverine/Deer Bus Stop. In this route we need a ramp near 6111 Sun Valley/Cross bus stop. It can be on the corner of the end of the street (right side).		
18	4285 Wolverine/Deer	4	3387	6111 Sun Valley/Cross	1.0	6.1	13.9	0.0	11.1	0.0	0.0	0.0	0.0	0.0	55.0	125.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0				1.0	\$ 6,467.28		Needs to construct a median pathway to cross the street, also add ramps and SW.		
19	4286 Sean Haggerty/John Little	4	4340	Sean Haggerty/Stampede	0.0	0.0	154.1	30.6	4.4	2.0	0.0	40.0	36.0	0.0	0.0	1387.5	267.0	2.0	0.0	40.0	2.0	3.0	2.0				2.0	\$ 25,786.23		Just add a pathway in the median.		
20	105 Montwood/Jean Francis	5	1065	Montwood/Sun Quest	0.0	7.2	0.0	5.6	36.7	0.0	0.0	0.0	0.0	0.0	65.0	0.0	60.0	3.0	0.0	0.0	0.0	2.0	0.0				3.0	\$ 11,160.84		"At least 25 minutes walking route" Users needs to cross the Joe Battle Boulevard.		
21	1068 Montwood/Firehouse Dr.	6	161	Montwood/Sun Fire	0.0	11.1	65.6	0.0	30.0	0.0	0.0	0.0	0.0	0.0	1000.0	590.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0				4.0	\$ 25,546.78		SW and ramps.		
22	1970 Nolan Richardson/David Forti	6	1971	Nolan Richardson/Oak Abbey	0.0	0.0	44.4	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	400.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0				2.0	\$ 9,284.44		Adjust 2 water lines. "Also, look for a specific pathway into the gas stations (needs sw?)"		
23	1699 901 Lomaland/Highland	7	1697	Yermoland/Cornelius	2.0	64.7	19.4	0.0	22.2	0.0	0.0	0.0	0.0	0.0	582.0	145.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0				2.0	\$ 17,132.91		SW and ramps.		
24	1715 524 Lomaland/North Loop	7	998	8155 North Loop/Lomaland	0.0	0.0	36.1	0.0	44.4	0.0	0.0	0.0	0.0	0.0	0.0	325.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0				4.0	\$ 15,095.28		"Users needs to cross Yarrowood and then Lomaland" SW and ramps		
25	2227 Lomaland/Trawood	7	2099	Trawood/Arnold Palmer Dr.	0.0	25.0	17.8	0.0	127.8	0.0	0.0	0.0	0.0	0.0	225.0	160.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0				9.0	\$ 32,330.44		SW and ramps.		
26	2815 Wedgewood/Sugarberry	7	418	McRae/Sims	0.0	47.2	53.6	0.0	22.2	0.0	0.0	0.0	0.0	0.0	425.0	482.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0				2.0	\$ 14,685.53		SW and ramps.		
27	1140 River/Noble	8	2316	Brown/Cliff																								0.0	\$ 0.0			
28	2905 400 S Zaragoza	7	2905	400 S Zaragoza	0.0	0.0	15.0	0.0	0.0	0.0	0.0	52.0	0.0	0.0	98.0	0.0	0.0	0.0	0.0	52.0	0.0	0.0	0.0				0.0	\$ 3,061.95				
				TOTAL	11.00	757.44	1370.00	66.11	563.22	2.00	0.01	200.00	66.00	20.00	7814.00	12247.50	598.00	64.00	30.00	200.00	6.00	8.00	6.00	11.00	295.00	145.00	64.00	\$ 10,688.00	\$ 436.377	\$	414,767.00	
				TOTAL COST	\$19,250	\$15,148.89	\$19,248.50	\$928.86	\$13,517.33	\$4,450	\$24.50	\$1,600	\$528	\$75.00	\$65,637.60	\$81,445.88	\$3,976.70	\$ 181,760.00	\$ 195.00	\$ 7,800.00	\$1,332	\$2,373.36	\$117.30	\$12.43	\$2,787.75	\$3,480.00		\$10,688.00	\$436.377	\$	414,767.00	

ITEM	UNIT	COST	COMMENTS
Add ADA Ramp	E.A.	\$2,840	Soliciting BID NO: 2022-0594
DEMO SW	S.Y.	\$14.05	RSMMeans 2023 02 41 13.30 4100
DEMO DW	S.Y.	\$20.00	RSMMeans 2023 02 41 13.30 4220
DEMO Ramp	S.Y.	\$24.00	Soliciting BID NO: 2022-0594
DEMO Tree	E.A.	\$2,225	RSMMeans 2022 31 13 13.10 7280
DEMO Landscaping	Acre	\$2,450	RSMMeans 2022 31 11 10.10 0150
DEMO Curve	L.F.	\$8	RSMMeans 2023 02 41 13.17 6100
DEMO Curve and Gutter	L.F.	\$8	RSMMeans 2023 02 41 13.17 6101
ADD SW	S.F.	\$6.65	RSMMeans 2023 32 06 10.10 0310
ADD DW	S.F.	\$8.40	RSMMeans 2023 32 06 10.10 0400
ADD Curb	L.F.	\$6.50	RSMMeans 2023 32 16 13.33 0100
ADD curb and Gutter	L.F.	\$39.00	RSMMeans 2023 32 16 13.33 0430
Adjusts Water Valve	E.A.	\$1,750	Soliciting BID NO: 2022-0594
Crossing Signs	E.A.	\$222	http://www.emedco.com/
Ramp Tiles	E.A.	\$286.67	https://www.advisorsinc.com/
Chainlink Fence Removal	L.F.	\$3.75	RSMMeans 2023 02 41 13.66 0100
Stripping	C.Y.	1.13	RSMMeans 2023 31 14 13.23 0020
Irrigation Repairs			
Over Excavation	C.Y.	9.45	RSMMeans 2023 31 23 16.13 0050
Sign Installation	E.A.	19.55	RSMMeans 2023 10 14 19.10 0020
Backfill	E.C.Y.	24	RSMMeans 2023 31 23.23 0300
Asphalt Pavement Patches	E.A.	167	RSMMeans 2023 32 01 17.20 0150

ITEM	Subtotal	\$436,377
Construction Management Fees - 4.5%	\$19,636.97	
Overhead/Profit - 15%	\$65,456.56	
Bound - 1%	\$4,363.77	
Mobilization - 5%	\$21,818.85	
TBD Traffic Control	\$70,000.00	
CONSTRUCTION COST	\$617,653	
Total		

ITEM	Subtotal	\$436,377
Construction Management Fees - 4.5%	\$19,636.97	
Bound - 1%	\$4,363.77	
TBD Traffic Control	\$ 70,000.00	
New Subtotal	\$530,378	
Contractor coefficient (1.319)	\$699,568.37	
TOTAL	\$699,568.37	

RE: Sun Metro Pathways - Site Visit

Mendez, Robert J. <MendezRJ@elpasotexas.gov>

Thu 2/15/2024 4:36 PM

To: Ortega-Carlos Roberto <OrtegaCR@elpasotexas.gov>

Cc: Marquez, Fernanda <MarquezF2@elpasotexas.gov>; Gurrola, Alondra K. <GurrolaAK@elpasotexas.gov>

Good Afternoon Roberto,

Below is the accounting string. Please go from top to bottom obligating the funds.

Accounting String	Current Budget
580XXX/560/3210/60050/P6018/PCP09MT0090A/G60185307	\$307,525.30
580XXX/560/3210/60050/P6018/PCP09MT0090A/G60185339	\$212,678.78
580XXX/560/3210/60050/P6018/PCP09MT0090A/G60215339	\$500,000.00

If you have any questions or concerns please let me know,

Thank You,

Robert J. Mendez

Transit Senior Service Planner

Sun Metro Planning Dept.

10151 Montana Ave.

Office #: 915-212-3380

Mobile #: 915-329-5965

Fax #: 915-212-0124

Email: mendezrj@elpasotexas.gov

From: Ortega-Carlos Roberto <OrtegaCR@elpasotexas.gov>

Sent: Thursday, February 15, 2024 10:33 AM

To: Mendez, Robert J. <MendezRJ@elpasotexas.gov>

Cc: Marquez, Fernanda <MarquezF2@elpasotexas.gov>; Gurrola, Alondra K. <GurrolaAK@elpasotexas.gov>

Subject: RE: Sun Metro Pathways - Site Visit

Good morning Robert,

My apologies for the delay, attached please find the budget summary for your review and approval.

Additionally, we have attached the rough order of magnitude for your records. Please let me know if you have any questions or concerns.

Respectfully,

Roberto Ortega-Carlos

Capital Improvement Project Manager

Capital Improvement Department

O: (915) 212-1822 | M: (915) 268-5927