



Ann M. Stillman  
Director

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March 21, 2023

**COUNTY OF SAN MATEO**

**BROADMOOR SAFE ROUTES TO SCHOOL PEDESTRIAN IMPROVEMENTS  
PROJECT**

**COUNTY PROJECT NO. RW940  
PROJECT FILE NO. E5050**

**ADDENDUM NO. 2**

TO ALL PLAN HOLDERS:

The following **Addendum No. 2** to the above referenced project, dated July 29, 2022, shall be included in the project plans and specifications.

1. Detail D on Plan Sheet 9 has been updated. Sheet 9 shall be replaced in the Project Plans:

**Replace plan sheet 9 with plan sheet 9 (REV).**

2. Detail A on Plan Sheet 10 has been updated. Sheet 10 shall be replaced in the Project Plans:

**Replace plan sheet 10 with plan sheet 10 (REV).**

3. The bid opening date has been changed to Tuesday, March 28, 2023, at 1:00pm. Page 1 - 2 of the NC.E5050 (Notice to Contractor) Section shall be replaced in the Project Specifications:

**Replace pages 1 - 2 of the NC.E5050 Section with pages 1 (REV) - 2 (REV).**



To All Plan Holders

**Broadmoor Safe Routes to School Pedestrian Improvements Project**

Addendum No. 2

March 21, 2023

Page 2

4. The Engineer's Estimate has been updated. Page 4 - 6 of the NC.E5050 (Notice to Contractor) Section shall be replaced in the Project Specifications:

**Replace pages 4 - 6 of the NC.E5050 Section with pages 4 (REV) - 6 (REV).**

5. The special provision for Pothole and Protect Existing Utilities has been updated. Pages 78 - 79 of the SP.E5050 (Special Provisions) Section shall be replaced in the Project Specifications:

**Replace pages 78 - 79 of the SP.E5050 Section with pages 78 (REV) - 79 (REV).**

6. The payment clause for Remove Drainage Inlet has been updated. Page 80 of the SP.E5050 (Special Provisions) Section shall be replaced in the Project Specifications:

**Replace pages 80 of the SP.E5050 Section with page 80 (REV).**

7. The special provision for Roadway Excavation has been updated. Page 85 of the SP.E5050 (Special Provisions) Section shall be replaced in the Project Specifications:

**Replace pages 85 of the SP.E5050 Section with page 85 (REV).**

8. The contract bid item names have been clarified in the measurement and payment clause for traffic signal poles. Page 145 of the SP.E5050 (Special Provisions) Section shall be replaced in the Project Specifications:

**Replace pages 145 of the SP.E5050 Section with page 145 (REV).**

9. The bid schedule has been updated. Pages 5 - 8 of the PR.E5050 (Proposal) Section shall be replaced in the Project Specifications:

**Replace pages 5 - 8 of the PR.E5050 Section with page 5 (REV) - 8 (REV).**

To All Plan Holders

**Broadmoor Safe Routes to School Pedestrian Improvements Project**

Addendum No. 2

March 21, 2023

Page 3

***Please sign and return the attached “Receipt of Addendum No. 2” form. The “Receipt of Addendum No. 2” form MUST be submitted with the bid by 1:00 PM, Tuesday, March 28, 2023. The Receipt of Addendum can be emailed to Krzysztof Lisaj’s attention at [klisaj@smcgov.org](mailto:klisaj@smcgov.org), with carbon copy to [wng@smcgov.org](mailto:wng@smcgov.org) and [azhang@smcgov.org](mailto:azhang@smcgov.org).***

All plan holders should check the project webpage for the latest updates on Request for Information. The project webpage address is:

<https://www.smcgov.org/publicworks/broadmoor-safe-routes-school-pedestrian-improvements-project-0>

If you have any questions or require additional information, please contact Alex Zhang, Wency Ng, or Krzysztof Lisaj of our office at (650) 363-4100. They can also be reached by e-mail at:

[azhang@smcgov.org](mailto:azhang@smcgov.org)

[wng@smcgov.org](mailto:wng@smcgov.org)

[klisaj@smcgov.org](mailto:klisaj@smcgov.org)

Very truly yours,



Ann M. Stillman

Director of Public Works

AMS:KL:WN:AZ

F:\Users\design\C3D\E5050000\_Broadmoor SRTS\14 Bid Process\4\_Addendums\Addendum No. 2\Addendum No.2.docx

Encl.- “Receipt of Addendum No. 2” Form

Revised Plan Sheets 9 (REV) - 10 (REV) of the Project Plans

Revised Pages 1 (REV) - 2 (REV), 4 (REV) - 6 (REV) of the NC.E5050 Section

Revised Pages 78 (REV) - 80 (REV), 85 (REV), 145 (REV) of the SP.E5050 Section

Revised Pages 5 (REV) - 8 (REV) of the PR.E5050 Section

cc: Krzysztof Lisaj, Deputy Director, Engineering & Resource Protection  
Wency Ng, Senior Civil Engineer, Project Development and Design  
Alex Zhang, Associate Civil Engineer, Project Development and Design



Ann M. Stillman  
Director

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March 21, 2023

COUNTY OF SAN MATEO

BROADMOOR SAFE ROUTES TO SCHOOL PEDESTRIAN IMPROVEMENTS  
PROJECT

COUNTY PROJECT NO. RW940  
PROJECT FILE NO. E5050

RECEIPT OF ADDENDUM NO. 2

I, \_\_\_\_\_, an  
authorized representative for \_\_\_\_\_,  
have received **Addendum No. 2** for the Broadmoor Safe Routes to School Pedestrian  
Improvements Project from an authorized representative of the County of San Mateo,  
which is to be included in the Plans and Specifications for the above referenced project.

This form must be signed and submitted **with the bid by 1:00 P.M., Tuesday,**  
**March 28, 2023.**

“Contractor”

\_\_\_\_\_  
(Print)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)







**COUNTY OF SAN MATEO  
STATE OF CALIFORNIA**

**NOTICE TO CONTRACTORS**

**NOTICE IS HEREBY GIVEN**, that

Sealed bids will be received at the office of the County Executive Officer/Clerk of the Board of Supervisors, Hall of Justice and Records at 400 County Center, Redwood City, California, until the hour of

**1:00 p.m., ThursdayTuesday, March 2328, 2023**

which all bids will then be transmitted to the County Executive's Office in the Hall of Justice and Records, where the bids will be publicly opened and read aloud for the following project in accordance with the specifications therefore and to which special reference is made as follows:

**BROADMOOR SAFE ROUTES TO SCHOOL  
PEDESTRIAN IMPROVEMENTS PROJECT**

**TOTAL PROJECT APPROXIMATELY 1.25 MILES IN LENGTH  
WITH APPURTENANT WORK THERETO  
IN SAN MATEO COUNTY**

**COUNTY PROJECT NO. RW940  
PROJECT FILE NO. E5050**

**FEDERAL-AID PROJECT NO. STPL-5935 (087)**

Bids are required for the entire work described herein.

**Bidders are advised that, as required by Federal law, the County of San Mateo has established a DBE goal of 8 %.** The Contractor's attention is directed to the forms included in, and required to be completed and submitted with, the Proposal.

**Bidders are further advised of the following:**

- 1. Contractor should be placed on a Plan Holders List for bidding. To be placed on the Plan Holders List, the Contractor shall either:**
  - a. Purchase Plans and Specifications, including forms of proposal and contract, from the County of San Mateo Department of Public Works. When purchasing by phone (650-363-4100) or email ([pw-surveying@smcgov.org](mailto:pw-surveying@smcgov.org)), please send check payable to "County of San Mateo" to 555 County Center, 5<sup>th</sup> Floor, Redwood City, CA 94063; OR**

- b. Complete and sign the following Plan Holder's Affidavit by using the link below and you will receive a separate link for downloading an electronic copy of the Plans and Specifications. The contractor is advised that the table should be received by the County no later than three (3) working days prior to the bid opening date.

<https://www.smcgov.org/publicworks/BroadmoorSRTS-PlanHoldersAffidavitForm>

- c. If plans and specifications are obtained through a source other than those outlined in 1a and 1b above, complete and sign the following Plan Holder's Affidavit and return to the County by either PDF via email to [azhang@smcgov.org](mailto:azhang@smcgov.org) and [wng@smcgov.org](mailto:wng@smcgov.org) or by fax at (650) 361-8220. The Contractor is advised that the table should be received by the County no later than three (3) working days prior to the bid opening date.

Plan Holder's Affidavit	
Project Title:	Broadmoor Safe Routes to School Pedestrian Improvements Project
Project No.:	RW940
	Project Engineer: Alex Zhang
	Project Manager: Wency Ng
Bid Open Date and Time:	1:00 p.m., <del>Thursday</del> <u>Tuesday</u> , March <del>23</del> <u>28</u> , 2023
Company Name:	_____
Mailing Address:	_____
Phone Number:	_____ Fax Number: _____
E-mail Address:	_____
(Name and Title of Authorized Representative of Bidder)	
(Signature of Authorized Representative of Bidder)	

2. The Plan Holders List will be posted to the County of San Mateo's Public Works website two (2) working days prior to the bid open date.



**ENGINEER'S ESTIMATE****BROADMOOR SAFE ROUTES TO SCHOOL  
PEDESTRIAN IMPROVEMENTS PROJECT**

**TOTAL PROJECT APPROXIMATELY 1.25 MILES IN LENGTH  
WITH APPURTENANT WORK THERETO  
IN SAN MATEO COUNTY**

**COUNTY PROJECT NO. RW940  
PROJECT FILE NO. E5050**

**FEDERAL-AID PROJECT NO. STPL-5935 (087)**

<b>Item No.</b>	<b>Section No.</b>	<b>Estimated Quantity</b>	<b>Unit of Measure</b>	<b>Item Description</b>
1	11	1	LS	Mobilization
2	12	1	LS	Maintaining Traffic
3	13	1	LS	Water Pollution Control
4	14	1	LS	Construction Waste Management
5	15-1	4	EA	North San Mateo County Sanitation District – Adjust Sanitary Sewer Manhole to Grade (ALT) (Non-Participating)
6	15-1	1	EA	Adjust Storm Drain Manhole to Grade
7	15-2	5	EA	Modify Drainage Inlets to Manholes
8	15-3	8	EA	California Water Service Company – Adjust Water Valve Box to Grade (ALT) (Non-Participating)
9	15-4	2	EA	Adjust Monument Box Covers to Grade
10	15-5	1	LS	Remove Pavement Markers, Traffic Stripes, and Pavement Markings
11	15-6	250	SY	Remove Portland Cement Concrete
12	15-7	10	EA	Pothole and Protect Existing Utilities <u>(Not Related to Scope of Work)</u>
<u>12A</u>	<u>15-8</u>	<u>1</u>	<u>EA</u>	<u>Remove Drainage Inlet</u>
13	17	1	LS	Clearing and Grubbing
14	19-1	<u>5565</u>	CY	Roadway Excavation

*Continued on Next Page*

Broadmoor Safe Routes to School Project  
 Engineer's Estimate – Continued from Previous Page

Item No.	Section No.	Estimated Quantity	Unit of Measure	Item Description
15	26	<del>7890</del>	CY	Aggregate Base (Class 2)
16	37	19,000	SY	Slurry Seal
17	37-1	1	LS	Crack Seal
18	39	15	TON	Asphalt Concrete (Type A HMA, 1/2" Maximum, Medium Grading)
19	39-3	980	SY	Grind and Overlay 3" Asphalt Concrete Pavement
20	39-4	56	SY	Place Asphalt Concrete (Raised Crosswalk)
21	51-1	<del>4026</del>	CY	Class 2 Concrete (Minor Structures)
22	51-3	55	CY	Class 3 Concrete
23	51-4	13	EA	Install New Curb Ramps
24	51-5	320	SF	Detectable Warning Surfaces
25	56-1	2	EA	Install New Roadside Sign
26	56-2	11	EA	Remove and Reset Existing Roadside Signs
27	64	125	LF	12" HDPE Storm Drain Pipe
28	64	16	LF	24" HDPE Storm Drain Pipe
29	81	26	EA	Delineators
30	84-1	300	SF	Thermoplastic Pavement Markings and Legends (White)
31	84-1	2,650	SF	Thermoplastic Pavement Markings and Legends (Yellow)
32	84-1	12,500	LF	Thermoplastic Traffic Striping, 6" White
33	84-1	7,000	LF	Thermoplastic Traffic Striping, 6" Yellow
34	85	550	EA	Pavement Markers, Type D, Two-way Yellow Retroreflective

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*Broadmoor Safe Routes to School Project  
Engineer's Estimate – Continued from Previous Page*

<b>Item No.</b>	<b>Section No.</b>	<b>Estimated Quantity</b>	<b>Unit of Measure</b>	<b>Item Description</b>
35	85	8	EA	Pavement Markers, Blue Retroreflective Fire Hydrant Marker
36	86	540	LF	Furnish and Install 3" PVC Conduit
37	86	2	EA	Furnish and Install Type 332L with Battery Backup System Cabinet and Foundation
38	86	2	EA	Furnish and Install Model 2070 Traffic Signal Controller
39	86	1	EA	Furnish and Install Type II Service Enclosure
40	86	1	EA	Furnish and Install Type III Service Enclosure
41	86	2	EA	Furnish and Install Type 15TS Pole Assembly
42	86	13	EA	Furnish and Install Type 1-B Pole Assembly
43	86	2	EA	Furnish and Install No. 6 Pull Box
44	86	16	EA	Furnish and Install No. 5 Pull Box
45	86	24	EA	Furnish and Install Type A Loop Detectors
46	86	8	EA	Furnish and Install Type D Loop Detectors
47	86	20,065	LF	Furnish and Install Traffic Signal Conductors
48	86	6	EA	Remove and Dispose of Existing Traffic Signal Pole and Foundation
49	86	1	EA	Remove and Dispose Existing Type III Service Enclosure and Foundation
50	86	1	EA	Furnish and Install Temporary Signal Pole
51	88	1	LS	RRFB Assembly System
52	100	1	LS	Construction Staking
53 (R)	101	9	EA	Inlet Trash Capture Device

**Engineer's Estimate of Costs: \$ 1,304,000 1,340,300**

(F) Final Pay Quantities - See Section 9-1.02C, "Final Pay Item Quantities," of the Standard

15-6. Remove Portland Cement Concrete

Removal of Portland cement concrete shall conform to the provisions in Section 15-1.03B, "Removing Concrete," of the Standard Specifications, the Plans and these Special Provisions.

Existing concrete and base material, as shown on the Plans or as designated by the Engineer to be removed, shall become the property of the Contractor and shall be completely removed. Removed material shall be disposed of in accordance with Section 5-11, "Disposal of Material Outside the Highway Right of Way," of these Special Provisions.

Where no joint exists in the pavement on the line at which the concrete is to be removed, a straight, neat cut with a power driven saw shall be made along said line before removing concrete. Payment for sawcutting Portland cement concrete shall be in accordance with Section 39-5, "Sawcut Asphalt Concrete Pavement and Portland Cement Concrete," of these Special Provisions.

The Contract unit price paid per square yard for this item, "Remove Portland Cement Concrete," shall include, but not be limited to, full compensation for furnishing all labor, material, tools, equipment and incidentals necessary for doing all work involved (including removal of bituminous or other overlaying material) in sawcutting, removal, and disposal of existing Portland cement concrete and base material, as shown on the Plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer, and no additional compensation will be allowed therefore.

15-7. Pothole and Protect Existing Utilities (Not Related to Scope of Work)

Potholing, or exploratory excavation, shall be undertaken ~~at the locations shown on the Plans, or~~ as directed by the Engineer, for locations outside of project work scope where proposed work is suspected of conflicting with existing utilities, and to confirm size and material of existing utilities.

Contractor shall verify with the Engineer the proposed pothole locations and provide pothole information (location, depth, pipe type, pipe diameter, etc.) to the Engineer.

Potholing shall be accomplished by excavating a minimum two-foot (2')

and maximum four-foot (4') square hole, and care to not disturb adjacent pavement must be taken. Backfill shall be compacted in eight inch (8") lifts to ninety-five percent (95%) relative density, unless otherwise directed by the Engineer. If necessary, surface material shall be replaced in kind so that no discontinuity in smooth surface results.

Existing utilities shall be protected from damage in conformance with the provisions in Section 5-1.36, "Property and Facility Preservation" of the Standard Specifications, the Plans, these Special Provisions, and as directed by the Engineer.

The Contract unit price paid per each for this item, "Pothole and Protect Existing Utilities (Not Related to Scope of Work)," shall include full compensation for providing all labor, tools, materials and incidentals, and for doing all work required to pothole for locations outside of the project work scope, protect existing utilities, replace surface material in kind, if necessary, and compacting backfill material, and no additional compensation will be allowed therefore.

**All potholes needed for construction of project related work, including but not limited to traffic/pedestrian signal pole/equipment foundations, and pole installation, shall not be paid under this item, "Pothole and Protect Existing Utilities (Not Related to Scope of Work)," and shall be as included in the unit prices paid for various Contract items of work, and no additional compensation will be allowed therefor.**

**The Contractor is advised that the approximately ten (10) potholes is provided for estimating purposes only and the County makes no guarantee as to the actual quantity required.**

No adjustment of the Contract bid price will be made for any increase or decrease in the quantities of this item "Potholes to Protect Existing Utilities" required. The provisions in Section 9-1.06, "Changed Quantity Payment Adjustments," of the Standard Specifications shall not apply to this item of work.

The County reserves the right to eliminate or reduce in quantities of this item, "Pothole and Protect Existing Utilities (Not Related to Scope of Work)," from the project completely. **The Contractor shall request and receive written confirmation from the County as to the status of this item of work prior to incurring any cost. The Contractor shall not be entitled to any**

**compensation under this item of work for any cost incurred should he proceed in advance of receiving written authorization from the County.**

15-8. Remove Drainage Inlet

Removal of drainage inlet shall conform to the provisions in Section 15-1.03B, "Removing Concrete," of the Standard Specifications, the Plans and these Special Provisions.

Existing concrete inlet, as shown on the Plans or as designated by the Engineer to be removed, shall become the property of the Contractor and shall be completely removed. Removed material shall be disposed of in accordance with Section 5-11, "Disposal of Material Outside the Highway Right of Way," of these Special Provisions. Existing drainage pipes shall be trimmed and cleaned for reconnection to new drainage structure.

~~Full compensation for removing drainage inlet, and trimming and cleaning existing drainage pipes, shall be considered as included in the contract unit price paid per square yard for the item, "Remove Portland Cement Concrete," and no additional compensation will be allowed therefore. The Contract unit price paid per each for this item, "Remove Drainage Inlet," shall include, but not be limited to, full compensation for furnishing all labor, material, tools, equipment and incidentals necessary for doing all work involved in the removal and disposal of existing drainage inlet, as shown on the Plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer, and no additional compensation will be allowed therefore.~~

The County reserves the right to eliminate this item, "Remove Drainage Inlet," from the Project completely. The Contractor shall request and receive written confirmation from the County as to the status of this work prior to removal.

**END OF SECTION**

Roadway excavation shall be performed to the limits and elevations shown on the Plans and as specified in these Special Provisions, or as designated by the Engineer. Failure to adhere to the grades indicated and the tolerances allowed, and failure of drainage tests, as determined by the Engineer, will require the Contractor to take all corrective actions stipulated by the Engineer, all at the Contractor's expense, and no additional compensation will be allowed therefore.

The Contractor is reminded that the locations of existing utilities are at approximate depths, and of the Contractor is responsibility for locating the exact depth of utilities.

Damage to property, facilities, improvements and/or landscaping to remain, whether inside or outside the Project limits, which, in the Engineer's judgment, were due to the Contractor's operations, shall be repaired or replaced to the satisfaction of the Engineer by the Contractor entirely at his expense, and no additional compensation will be allowed therefore.

It is anticipated that unknown live and abandoned utilities and service laterals may be located within the planned work area, structural section or immediately below the grading plane. The Contractor shall determine the exact locations and depths of ~~the~~ all utilities and service laterals for project related work before starting excavation, at the Contractor's expense, and no additional compensation will be allowed therefor.

The Contractor's attention is directed to the fact that he will be required to grade areas in the vicinity of new and existing inlets, to drain positively. Several, but not necessarily all of the areas where this type of work will be required, are shown on the Plans.

Conform lines, for sidewalk and curb extensions, shall be sawcut in accordance with Section 39-5, "Sawcut Asphalt Concrete and Portland Cement Concrete," of these Special Provisions. The Contractor's attention is directed to Section 39-5, "Sawcut Asphalt Concrete and Portland Cement Concrete," of these Special Provisions regarding payment for sawcutting of asphalt concrete pavement.

**Removal of existing asphalt concrete pavement, as shown on the Plans, shall be considered as included in this item of work, "Roadway Excavation," and no additional compensation will be allowed therefore.**

**Removal of existing asphalt concrete pavement for the construction of asphalt pavement conform shall not be permitted until the installations of all new curbs, gutters, curb ramps, and drainage facilities are completed, water tested**

(direction) of traffic unless otherwise specified by the Engineer or shown on the Plans. All poles shall be leveled using a level. All signal poles and signal standards shall be galvanized.

All holes drilled for wire entry (i.e. pedestrian and vehicle terminal compartments, and APS/pedestrian push button) shall be filed to remove all sharp edges.

Any incorrectly drilled or otherwise damaged poles must be repaired by a certified welder to the manufacture's specifications at the expense of the contractor.

Signal mast arms shall not have a negative angle. If so, the contractor shall contact the manufacturer and correct the negative angle issue.

Signal standard shall be Type 1-B or Type 15 TS as shown on the project plans. Pole assemblies shall be as shown on the Pole and Equipment Schedule on Sheet 12 of the project plans.

#### Measurement and Payment

The Contractor shall bid a unit price per each for "Furnish and Install Type 15 TS Pole Assembly" and "Furnish and Install Type 1-B Pole Assembly" which includes furnishing all labor, materials, tools, equipment and incidentals for all the work involved in, but not limited to, excavation, minor concrete repair, installing anchor bolts, rebar cages, pouring foundations, signal and ped head mounting hardware, foundation, vehicle signal heads, pedestrian signal heads, accessible pedestrian signals/push button system, and relocated signs as specified by Caltrans Specifications.

86-7. Not Used

86-8. Conduit

Conduit shall be per Section 86-1.02B, "Conduit and Accessories" of the Standard Specifications except as modified herein. Conduit shall be installed by directional drilling, ~~or~~ jacking and boring methods ~~unless otherwise noted, or open trench method~~. The work shall include trench backfill and restoration per details on the plans. Furthermore, regardless of which method is chosen, the Contractor shall pothole as needed to locate existing utilities. The payment for this work shall be done as incidental to the overall project cost and no additional payment shall be made therefore. The Contractor shall assume all risk associated with chosen method of installation and shall fully locate and verify utilities prior to conduit installation. No



## Broadmoor Safe Routes to School Project

Engineer's Estimate Proposal – Continued from Previous Page

Item No.	Section No.	Estimated Quantity	Unit of Measure	Item Description	Item Price (In Figures)	Total (In Figures)
7	15-2	5	EA	Modify Drainage Inlets to Manholes	\$	\$
8	15-3	8	EA	California Water Service Company – Adjust Water Valve Box to Grade (ALT) (Non-Participating)	\$	\$
9	15-4	2	EA	Adjust Monument Box Covers to Grade	\$	\$
10	15-5	1	LS	Remove Pavement Markers, Traffic Stripes, and Pavement Markings	\$	\$
11	15-6	250	SY	Remove Portland Cement Concrete	\$	\$
12	15-7	10	EA	Pothole and Protect Existing Utilities <u>(Not Related to Scope of Work)</u>	\$	\$
<u>12A</u>	<u>15-8</u>	<u>1</u>	<u>EA</u>	<u>Remove Drainage Inlet</u>	<u>\$</u>	<u>\$</u>
13	17	1	LS	Clearing and Grubbing	\$	\$
14	19-1	<del>5565</del>	CY	Roadway Excavation	\$	\$
15	26	<del>7890</del>	CY	Aggregate Base (Class 2)	\$	\$
16	37	19,000	SY	Slurry Seal	\$	\$
17	37-1	1	LS	Crack Seal	\$	\$
18	39	15	TON	Asphalt Concrete (Type A HMA, 1/2" Maximum, Medium Grading)	\$	\$
19	39-3	980	SY	Grind and Overlay 3" Asphalt Concrete Pavement	\$	\$
20	39-4	56	SY	Place Asphalt Concrete (Raised Crosswalk)	\$	\$
21	51-1	<del>4026</del>	CY	Class 2 Concrete (Minor Structures)	\$	\$

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## Broadmoor Safe Routes to School Project

Engineer's Estimate Proposal – Continued from Previous Page

Item	Section No.	Estimated Quantity	Unit of Measure	Item Description	Item Price (In Figures)	Total (In Figures)
22	51-3	55	CY	Class 3 Concrete	\$	\$
23	51-4	13	EA	Install New Curb Ramps	\$	\$
24	51-5	320	SF	Detectable Warning Surfaces	\$	\$
25	56-1	2	EA	Install New Roadside Sign	\$	\$
26	56-2	11	EA	Remove and Reset Existing Roadside Signs	\$	\$
27	64	125	LF	12" HDPE Storm Drain Pipe	\$	\$
28	64	16	LF	24" HDPE Storm Drain Pipe	\$	\$
29	81	26	EA	Delineators	\$	\$
30	84-1	300	SF	Thermoplastic Pavement Markings and Legends (White)	\$	\$
31	84-1	2,650	SF	Thermoplastic Pavement Markings and Legends (Yellow)	\$	\$
32	84-1	12,500	LF	Thermoplastic Traffic Striping, 6" White	\$	\$
33	84-1	7,000	LF	Thermoplastic Traffic Striping, 6" Yellow	\$	\$
34	85	550	EA	Pavement Markers, Type D, Two-way Yellow Retroreflective	\$	\$

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## Broadmoor Safe Routes to School Project

Engineer's Estimate Proposal – Continued from Previous Page

Item	Section No.	Estimated Quantity	Unit of Measure	Item Description	Item Price (In Figures)	Total (In Figures)
35	85	8	EA	Pavement Markers, Blue Retroreflective Fire Hydrant Marker	\$	\$
36	86	540	LF	Furnish and Install 3" PVC Conduit	\$	\$
37	86	2	EA	Furnish and Install Type 332L with Battery Backup System Cabinet and Foundation	\$	\$
38	86	2	EA	Furnish and Install Model 2070 Traffic Signal Controller	\$	\$
39	86	1	EA	Furnish and Install Type II Service Enclosure	\$	\$
40	86	1	EA	Furnish and Install Type III Service Enclosure	\$	\$
41	86	2	EA	Furnish and Install Type 15TS Pole Assembly	\$	\$
42	86	13	EA	Furnish and Install Type 1-B Pole Assembly	\$	\$
43	86	2	EA	Furnish and Install No. 6 Pull Box	\$	\$
44	86	16	EA	Furnish and Install No. 5 Pull Box	\$	\$
45	86	24	EA	Furnish and Install Type A Loop Detectors	\$	\$
46	86	8	EA	Furnish and Install Type D Loop Detectors	\$	\$
47	86	20,065	LF	Furnish and Install Traffic Signal Conductors	\$	\$
48	86	6	EA	Remove and Dispose of Existing Traffic Signal Pole and Foundation	\$	\$

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## Broadmoor Safe Routes to School Project

Engineer's Estimate Proposal – Continued from Previous Page

Item	Section No.	Estimated Quantity	Unit of Measure	Item Description	Item Price (In Figures)	Total (In Figures)
49	86	1	EA	Remove and Dispose Existing Type III Service Enclosure and Foundation	\$	\$
50	86	1	EA	Furnish and Install Temporary Signal Pole	\$	\$
51	88	1	LS	RRFB Assembly System	\$	\$
52	100	1	LS	Construction Staking	\$	\$
53(R)	101	9	EA	Inlet Trash Capture Device	\$	\$
<b>TOTAL</b>						\$

Notes: (F) Final Pay Quantities - See Section 9-1.015, "Final Pay Items," of the Standard Specifications.  
(R) Revocable Item. See Special Provision section for additional information.

Bids are required for the entire work. The amount of the bid for comparison purposes will be the total of all items. The total of unit basis items will be determined by extension of the item price bid on the basis of the estimated quantity set forth for the item.

The Bidder shall set forth for each item of work, in clearly legible figures, an item price and a total for the item in the respective spaces provided for this purpose. In the case of unit basis items, the amount set forth under the "Total" column shall be the extension of the item price bid on the basis of the estimated quantity for the item.

In case of discrepancy between the item price and the total set forth for the item, the item price shall prevail, provided however, if the amount set forth as an item price is ambiguous, unintelligible or uncertain for any cause, or is omitted, or in the case of unit basis items, is the same amount as the entry in the "Total" column, then the amount set forth in the "Total" column for the item shall prevail in accordance with the following:

1. As to lump sum items, the amount set forth in the "Total" column shall be the item price.
2. As to unit basis items, the amount set forth in the "Total" column shall be divided by the estimated quantity for the item and the price thus