

proud past, promising future

TO:

Board of County Councilors

FROM:

Michael Westerman, Purchasing Manager

DATE:

July 23, 2015

SUBJECT: Award of CRP #342022 - 2015 ADA Ramp Improvements

(Groups 1 & 2 – Cape Seal; Group 3 – Domes)

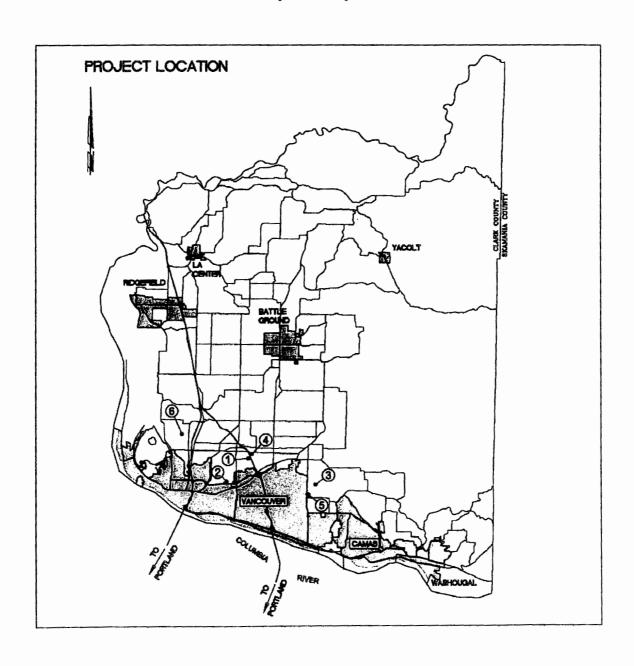
Groups 1, 2 and 3 of the 2015 ADA Ramp Improvements will improve access ramps as part of the pavement preservation work. Groups 1 and 2 will construct or upgrade approximately 57 ramps at 31 intersections; the work will include concrete or asphalt ramps, sidewalks, curbs and other associated work. Group 3 will install detectable warning surface retrofits on 165 ramps at 41 intersections.

Purchasing received seven responses to CRP #342022. The bids were checked for accuracy, content, and compliance to specifications.

Purchasing and Public Works recommend the 2015 ADA Ramp Improvements, be awarded to the lowest bidder, Integrity Excavating of Battle Ground, WA, in the total bid amount of \$503,577.00, including Washington State Sales Tax, and grant authority to the County Manager to sign all bid related contracts.



Department of Public Works Engineering & Construction Division 2015 ADA Ramp Improvements, CRP #342022 Group 1 – Cape Seal





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Group 1 - Cape Seal

- AREA 1

 NE MEADOW DR. NORTH OF NE 68TH ST.

 NE MEADOW DR. AND NE 69TH ST.
- AREA 2

 NE 39TH ST. PEDESTRIAN PATH ENTRANCE

 NE 39TH ST. AND NE 55TH AVE.

 NE 38TH ST. AND NE 55TH AVE.

 NE 38TH ST. PEDESTRIAN PATH ENTRANCE

 NE 38TH ST. AT NE 59TH AVE.

 NE 39TH ST. AT NE 59TH AVE.
- 3 AREA 3
 NE 38TH WAY AND NE 174TH CT.
 NE 38TH WAY AND NE 174TH CT. EAST
- AREA 4

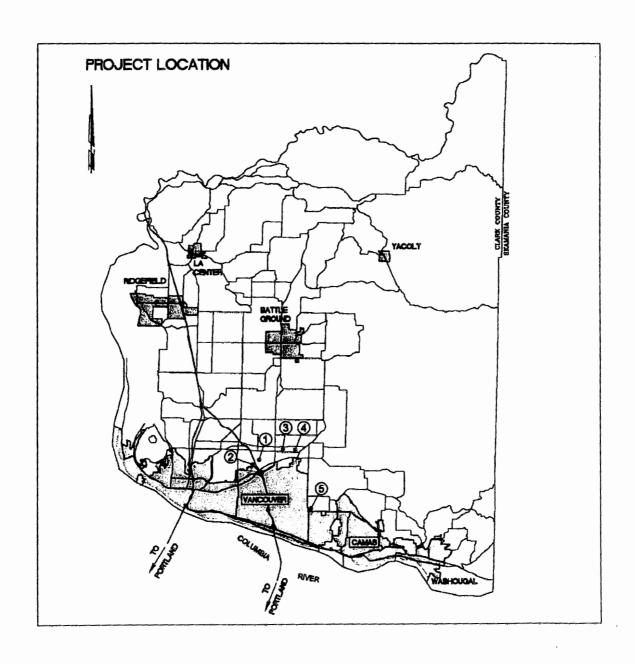
 NE 92ND AVE. AND NE 72ND ST.

 NE 92ND AVE. AND NE 73RD ST.

 NE 92ND AVE. SOUTH OF NE 74TH ST.
- 5 AREA 5 NE 23RD ST. - EAST OF NE 186TH AVE.
- (6) AREA 6 NW 8TH AVE. AND NW 99TH ST.



Department of Public Works Engineering & Construction Division 2015 ADA Ramp Improvements, CRP #342022 Group 2 – Cape Seal





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Group 2 - Cape Seal

1 AREA 1
NE 98TH AVE. AND NE 63RD ST.
NE 98TH AVE.
NE 100TH AVE. AND NE 64TH ST.
NE 100TH AVE. AND NE 63RD ST.
NE 101ST CT. AND NE 63RD ST.

- 2 AREA 2
 NE 55TH ST. AND NE 78TH AVE.
 NE 54TH ST. AND NE 78TH AVE.
 NE 54TH ST. AND 76TH AVE.
- 3 AREA 3 NE 191ST AVE. AND NE 78TH WAY
- AHEA 4

 NE 138TH CT.

 NE 82ND ST. AND NE 139TH CT.

 NE 82ND ST. AND NE 140TH CT.

 NE 82ND ST. AND NE 141ST CT.

 NE 82ND ST. AND NE 142ND AVE.
- (5) AREA 5

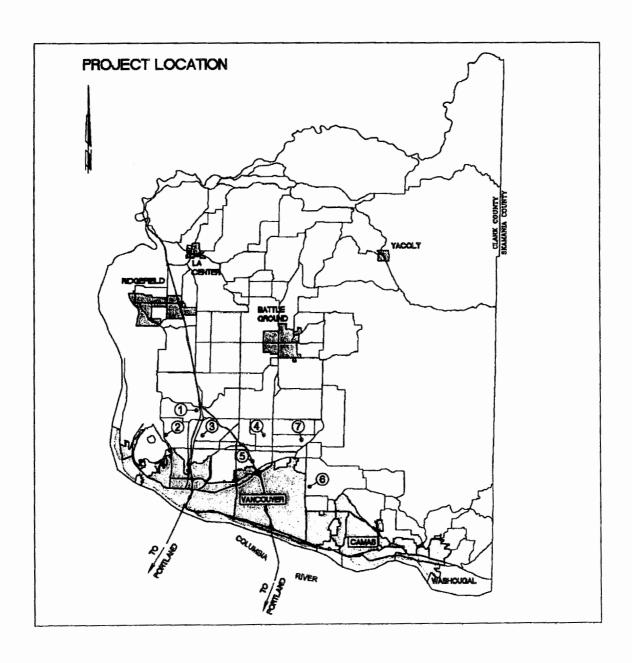
 NE 6TH ST. AND NE 172ND AVE.

 NE 6TH ST. AND NE 175TH AVE.

 NE 175TH AVE. SOUTH OF NE 6TH ST.



Department of Public Works Engineering & Construction Division 2015 ADA Ramp Improvements, CRP #342022 Group 3 - Domes





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Group 3 - Domes

- 1 AREA 1

 NE 129TH ST. AND NE 11TH AVE.

 NE 129TH ST. AND NE 7TH AVE.

 NE 129TH ST. AND NE 5TH AVE.
- 2 AREA 2

 NW 27TH AVE. AND NW 99TH ST.

 NW 28TH AVE. AND NW 99TH ST.
- 3 AREA 3

 NE 25TH AVE. AND NE 91ST ST.

 NE 25TH AVE. AND NE 90TH ST.
- AREA 4

 NE 102ND ST. AND NE 95TH AVE.

 NE 102ND ST. AND NE 94TH AVE.

 NE 103RD ST. AND NE 98TH AVE.

 NE 104THST. AND NE 98TH AVE.

 NE 104TH ST. AND NE 95TH AVE.

 NE 104TH ST. AND NE 94TH AVE.

 NE 114TH AVE. SOUTH OF NE 96TH ST.

 NE 113TH AVE. SOUTH OF NE 96TH ST.
- 5 AREA 5

 NE MEADOWS DR. AND NE 66TH ST.

 NE 65TH CIR. AND NE 102ND AVE.

 NE 67TH ST. AND NE 102ND AVE.
- 6 AREA 6

 NE 31ST WAY AND NE 170TH PL.

 NE 32ND ST. AND NE 172ND AVE.

 NE 32ND ST. AND NE 171ST AVE.

 NE 33RD ST. AND NE 170TH PL.

 NE 31ST WAY AND NE 169TH AVE.

 NE 31ST WAY AND NE 170TH AVE.

- 6 AREA 6 (CONTINUED)

 NE 188TH AVE. AND NE 32ND ST.

 NE 38TH WAY AND NE EDMUNDS RD.

 NE 38TH WAY AND NE 178TH AVE.

 NE 38TH WAY AND NE 178TH AVE.

 NE 177TH AVE. AND NE EDMUNDS RD.

 NE 38TH WAY AND NE 178TH CT.

 NE 184TH AVE. AND NE 23RD ST.

 NE 184TH AVE. AND NE 21ST ST.

 NE 184TH AVE. AND NE 20TH ST.

 NE 184TH AVE. AND NE 20TH ST.

 NE 184TH AVE. AND NE 20TH ST.
- 7 AREA 7
 NE 91ST ST. AND NE 152ND AVE.
 NE 91ST ST. AND NE 155TH AVE.
 NE 91ST ST. AND NE 156TH AVE.
 NE 92ND ST. AND NE 156TH AVE.
 NE 90TH ST. AND NE 156TH AVE.
 NE 90TH ST. AND NE 155TH AVE.



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MEMORANDUM

TO:

Michael Westerman, Purchasing Manager

FROM:

Gunnar Fridriksson, P.L.S., P.E., Construction Manager

for

Heath Henderson, P.E., Director/County Engineer

DATE:

July 16, 2015

REF:

2015 ADA Ramp Improvement (Groups 1, 2 & 3)

CRP #342022

SUBJECT:

BID AWARD

Groups 1, 2 and 3 of the 2015 ADA Ramp Improvements will improve access ramps as part of the pavement preservation work scheduled at these locations. Groups 1 and 2 will construct or upgrade approximately 57 ramps at 31 intersections; the work will include concrete or asphalt ramps, sidewalks, curbs and other associated work. Group 3 will install detectable warning surface retrofits on 165 ramps at 41 intersections.

Below is a brief summary of the costs for the 2015 ADA Ramp Improvement (Groups 1, 2 & 3) project:

Expenses

\$137,600
\$536,091
\$80,500
\$754,191

Budgeted Revenue

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County Road Fund	\$754,191
Total Budgeted Revenues:	\$754,191

This project will provide **five (5)** family wage jobs for the community.

The Department of Public Works has reviewed the submitted bids for the proposed construction of the above subject project.

The bids have been checked for accuracy and compliance with the bidding requirements.

Seven (7) firms submitted bids in the amounts shown on the attached Tabulation of Bids and Bidders. The lowest bid of \$536,091.00 was submitted by the responsive, responsible bidder CivilWorks NW of Vancouver.

We recommend that the Board of County Councilors award the contract for the construction of 2015 ADA Ramp Improvement (Groups 1 & 2), CRP #342022, to CivilWorks NW in the amount of \$536,091.00.

Attachment:

1) Tabulated Bids

2) Vicinity Maps

cc w/enc:

Susan Wilson - Transportation Programming Manager

Amanda Miller - Auditor/Accounting Troy Pierce - Project Manager

Matt Hall - Project Management Manager

Tom Grange - Engineering & Construction Division Manager

Jeff Schnabel - Clean Water Program Manager (Clean Water Projects Only)

Heath Henderson - Public Works Director/County Engineer

Project File - Contract

Project File - Correspondence

DATE OF BID OPENING: July 14	4 2015						County	Road Project:	2015 ADA Ramp Imp	provements (C	3roups 1 & 2)		C.R.P.#	342022				
Spec Yr: 14 PUBLIC SERVICE CENTER, SIXTH FLOOR Commissioners Haaring Room					Integrity Excavating 30204 NE 103rd Ave BattleGround WA 98604		CivilWorks NW, Inc. PO BOX 5698 Vancouver WA 98668		Halme Excavating, Inc. 22514 NE 72nd Ave. Battle Ground, WA 98604		Keystone Contracting 417 NW 209th Street Ridgefield WA 98642		Olivas Valdez, Inc PO BOX 249 La Center, WA 98629		Nutter Corporation 7211-A NE 43rd AVE Vancouver, WA 98661		Grow Construction 7900 SW Hunziker ST Tigard OR 97223	
ITEM NO. BID ITEM QUANTITY	Office of Clark County Commissioners BID ITEM DESCRIPTION	UNIT	ENGINEER'S ES	TOTAL	360.687.5061 UNIT	Total	360.694.8849 UNIT	Total	360.687.7399 UNIT	Total	360.887.0868 UNIT	Total	360.225.7900 UNIT	Total	360.573.2000 UNIT	Total	503.278.533 UNIT	32 Total
IDENT NO			PRICE		PRICE		PRICE		PRICE		PRICE		PRICE		PRICE		PRICE	
	SCHEDULE 1 - ADA RAMP IMPROVEMENTS - GROUP 1 Include all applicable use ancifor safes taxes in the individual Unit and Lump Sum prices.		·						· · · · · · · · · · · · · · · · · · ·				·					
	IZATION (GROUP 1)	L.S.	\$15,000.00	\$15,000.00		\$8,000.00	\$9,000.00	\$9,000.00	\$21,000.00	\$21,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$27,000.00	\$27,000.00	\$10,928.00	\$10,92
	TRUCTION SURVEYING (GROUP 1) PLAN (GROUP 1)	L.S.	\$10,000.00 \$500.00	\$10,000.00 \$500.00		\$7,500.00 \$200.00		\$3,000.00 \$165.00	\$15,000.00 \$700.00	\$15,000.00 \$700.00	\$2,000.00 \$500.00	\$2,000.00 \$500.00	\$5,000.00 \$575.00	\$5,000.00 \$575.00	\$7,000.00 \$1,000.00	\$1,000.00	\$8,014.00	\$1.74
4 110.00 1 PROJE	ECT TEMPORARY TRAFFIC CONTROL (GROUP 1)	L.S.	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00 20805	\$5,800.00	\$5,800.00 \$16,425.00	\$3,000.00 \$47.00	\$3,000.00 \$17,155.00	\$15,000.00	\$15,000.00 \$18,250.00	\$6,000.00	\$6,000.00	\$5,100.00 \$87.00	\$5,10
5 110.02 365 FLAGG 6 110.13 1.00 PEDES	SERS STRIAN TRAFFIC CONTROL (GROUP 1) (Minimum Bid of \$3,000.00 Lump Sum)	HOUR L.S.	\$55.00 \$3,000.00	\$20,075.00 \$3,000.00	\$3,000.00	\$19,345.00 \$3,000.00	\$3,000.00	\$3,000.00	\$5,900.00	\$5,900.00	\$3,000.00	\$3,000.00	\$50.00 \$3,250.00	\$3,250.00	\$54.00 \$2,400.00	\$2,400.00	\$5,102.00 \$12,385.00	\$5,10
7 201.00 1 CLEAR	RING AND GRUBBING (GROUP 1)	L.S. EST.	\$4,000.00 \$5,000.00	\$4,000.00 \$5,000.00	\$7,000.00 \$5,000.00	\$7,000.00 \$5,000.00	\$3,500.00	\$3,500.00 \$5,000.00	\$17,900.00 \$5,000.00	\$17,900.00 \$5,000.00	\$5,000.00 \$5,000.00	\$5,000.00 \$5,000.00	\$7,000.00 \$5,000.00	\$7,000.00 \$5,000.00	\$10,000.00 \$5,000.00	\$10,000.00	\$5,000.00	\$12,38
9 202.00 1 REMOV	SIDE CLEANUP (GROUP 1) VAL OF STRUCTURE AND OBSTRUCTION (GROUP 1)	L.S.	\$26,000.00	\$26,000.00	\$17,000.00	\$17,000.00	\$30,000.00	\$30,000.00	\$25,850.00	\$25,850.00	\$108,000.00	\$108,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$50,995.00	\$50,99
	HED SURFACING BASE COURSE	C.Y. TON	\$82.00 \$160.00	\$9,020.00 \$14,400.00	\$50.00 \$150.00	\$5,500.00 \$13,500.00	\$50.00	\$5,500.00 \$17,100.00	\$50.00 \$165.00	\$5,500.00 \$14.850.00	\$60.00 \$190.00	\$6,600.00 \$17,100.00	\$140.00 \$190.00	\$15,400.00 \$17,100.00	\$100.00 \$300.00	\$11,000.00 \$27,000.00		
	ST VALVE BOX	EACH	\$300.00	\$600.00	\$100.00	\$200.00	\$150.00	\$300.00	\$90.00	\$180.00	\$300.00	\$600.00	\$35.00	\$70.00	\$300.00	\$600.00	\$729.00	\$1,45
	PROTECTION ION CONTROL AND SPILL PREVENTION REINSPECTION FEE	EACH EACH	\$100.00 -\$100.00	\$700.00 -\$100.00	\$50.00 -\$100.00	\$350.00 -\$100.00		\$525.00 -\$100.00	\$75.00 -\$100.00	\$525.00 -\$100.00	\$100.00 -\$100.00	\$700.00 -\$100.00	\$75.00 -\$100.00	\$525.00 -\$100.00	\$80.00 -\$100.00	\$560.00 -\$100.00		\$2,54 -\$10
15 802.84 1 LANSC	CAPE RESTORATION (GROUP I) (Minimum Bid of \$3,000.00 Lump Sum)	L.S.	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	\$5,000.00		\$19,670.00	\$19,67
	NT CONC. TRAFFIC CURB AND GUTTER NT CONC. PEDESTRIAN CURB	L.F.	\$31.00 \$30.00	\$19,065.00 \$15,450.00	\$34.00 \$31.00	\$20,910.00 \$15,965.00	\$36.00 \$32.00	\$22,140.00 \$16,480.00		\$20,910.00 \$17,510.00	\$25.00 \$20.00	\$15,375.00 \$10,300.00	\$32.00 \$29.00	\$19,680.00 \$14,935.00	\$44.00 \$45.00	\$27,060.00	\$70.00 \$61.00	\$43,05 \$31,41
18 812.45 1 REMOV	VE AND RESET FENCE (SITE C5)	L.S.	\$300.00	\$300.00	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00	\$1,400.00	\$1,400.00	\$1,500.00 \$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,600.00 \$1,600.00	\$1,600.00	\$7,285.00 \$8,742.00	\$7,28
	VE AND RESET FENCE (SITE C8) VE AND RESET FENCE (SITE C9)	L.S.	\$300.00 \$300.00	\$300.00 \$300.00		\$1,600.00 \$1,600.00	\$1,500.00	\$1,500.00 \$1,500.00	\$1,400.00 \$1,400.00	\$1,400.00 \$1,400.00	\$1,500.00	\$1,500.00 \$1,500.00	\$1,500.00 \$1,500.00	\$1,500.00 \$1,500.00	\$1,600.00		\$6,557.00	
21 814.01 167 CEMEN	NT CONC. SIDEWALK	S.Y.	\$70.00	\$11,690.00	\$62.00			\$13,026.00	\$55.00 \$81.00	\$9,185.00 \$21,870.00	\$40.00 \$50.00	\$6,680.00 \$13,500.00	\$45.00 \$80.00	\$7,515.00 \$21,600.00	\$125.00 \$117.00	\$20,875.00 \$31,590.00	\$92.00 \$98.00	\$15,36
	NT CONC. CURB RAMP CTABLE WARNING SURFACE	S.F.	\$100.00 \$41.00	\$27,000.00 \$10,865.00			\$25.00	\$21,060.00 \$6,625.00	\$35.00	\$9,275.00	\$30.00	\$7,950.00	\$35.00	\$9,275.00	\$35.00	\$9,275.00	\$23.00	\$6,09
24 854.01 1 BOLLA	ARD TYPE 1 SCHEDULE 1 TOTAL	EACH	\$600.00	\$600.00 \$202,265.00	\$800.00	\$800.00 \$176,304.00		\$350.00 \$187,976.00	\$550.00	\$550.00 222,530.00	\$1,000.00	\$1,000.00 \$240,860.00	\$900.00	\$900.00 \$229,475.00	\$1,200.00	\$1,200.00 \$280,145.00	\$1,384.00	\$1,38 \$319,67
	SCHEDOLE 1 TOTAL			\$202,265.00		\$176,304.00		\$107,970.00		222,330.00		\$240,000.00		\$225,415.00		\$200,140.00		9319,075
Inc	SCHEDULE 2 - ADA RAMP IMPROVEMENTS - GROUP 2 clude all applicable use and/or sales taxes in the individual Unit and Lump Sum prices.																	
	IZATION (GROUP 2) TRUCTION SURVEYING (GROUP 2)	L.S.	\$23,000.00 \$7,000.00	\$23,000.00 \$7,000.00		\$7,000.00 \$7,500.00		\$13,000.00 \$5,000.00	\$25,000.00 \$12,000.00	\$25,000.00 \$12,000.00	\$11,000.00 \$3,500.00	\$11,000.00 \$3,500.00	\$30,000.00 \$15,000.00	\$30,000.00 \$15,000.00	\$41,000.00 \$13,000.00	\$41,000.00 \$13,000.00	\$10,928.00 \$8,014.00	\$10,928
27 107.15 1 SPCC	PLAN (GROUP 2)	L.S.	\$500.00	\$500.00	\$200.00	\$200.00	\$165.00	\$165.00	\$550.00	\$550.00	\$300.00	\$300.00	\$575.00	\$575.00	\$1,000.00	\$1,000.00	\$1,748.00	\$1,748
28 110.00 1 PROJE 29 110.02 400 FLAGG	ECT TEMPORARY TRAFFIC CONTROL (GROUP 2)	L.S. HOUR	\$3,500.00 \$50.00	\$3,500.00 \$20,000.00	\$1,500.00 \$53.00			\$3,000.00 \$22,800.00	\$7,100.00 \$45.00	\$7,100.00 \$18,000.00	\$4,000.00 \$46.00	\$4,000.00 \$18,400.00	\$40,000.00 \$50.00	\$40,000.00 \$20,000.00	\$8,000.00 \$54.00	\$21,600.00	\$5,100.00 \$87.00	\$34,80
30 110.13 1 PEDES	STRIAN TRAFFIC CONTROL (GROUP 2) (Minimum Bid of \$2,500.00 Lump Sum)	L.S.	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00 \$5,500.00	\$5,200.00 \$12,100.00	\$5,200.00 \$12,100.00	\$2,500.00 \$3,000.00	\$2,500.00 \$3,000.00	\$2,875.00 \$3,400.00	\$2,875.00 \$3,400.00	\$2,400.00 \$12,000.22	\$2,400.00	\$5,102.00 \$12,385.00	\$5,102
	RING AND GRUBBING (GROUP 2) SIDE CLEANUP (GROUP 2)	EST.	\$3,000.00 \$5,000.00	\$3,000.00 \$5,000.00	\$5,000.00	\$11,000.00 \$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000
33 202.00 1 REMOV	VAL OF STRUCTURE AND OBSTRUCTION (GROUP 2)	L.S. C.Y.	\$17,100.00 \$82.00	\$17,100.00 \$14,104.00	\$27,000.00 \$50.00	\$27,000.00 \$8,600.00	\$45,000.00	\$45,000.00 \$8,600.00	\$39,000.00 \$50.00	\$39,000.00 \$8,600.00	\$130,670.00 \$60.00	\$130,670.00 \$10,320.00	\$65,000.00 \$140.00	\$65,000.00 \$24,080.00	\$58,000.00 \$110.00	\$58,000.00 \$18,920.00	\$57,173.00 \$27.00	
34 404.02 172 CRUSH 35 504.20 138 COMM	HED SURFACING BASE COURSE MERCIAL HMA	TON	\$160.00	\$22,080.00	\$140.00	\$19,320.00	\$190.00	\$26,220.00	\$165.00	\$22,770.00	\$190.00	\$26,220.00	\$190.00	\$26,220.00	\$300.00	\$41,400.00	\$175.00	\$24,150
36 712.70 6 ADJUS	ST VALVE BOX	EACH EACH	\$300.00 \$100.00	\$1,800.00 \$4,700.00	\$100.00 \$60.00	\$600.00 \$2,820.00		\$900.00 \$3,525.00	\$85.00 \$75.00	\$510.00 \$3,525.00	\$400.00 \$80.00	\$2,400.00 \$3,760.00	\$35.00 \$75.00	\$210.00 \$3,525.00	\$300.00 \$80.00	\$1,800.00 \$3,760.00	\$729.00 \$364.00	
38 801.41 1 EROSI	PROTECTION ION CONTROL AND SPILL PREVENTION REINSPECTION FEE	EACH	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100.00	-\$100
	CAPE RESTORATION (GROUP 2) (Minimum Bid of \$5,000.00 Lump Sum) NT CONC. TRAFFIC CURB AND GUTTER	L.S.	\$5,000.00 \$31.00	\$5,000.00 \$29,264.00				\$5,000.00 \$33,984.00	\$9,600.00 \$34.00	\$9,600.00 \$32,096.00	\$5,000.00 \$25.00	\$5,000.00 \$23,600.00	\$5,750.00 \$32.00	\$5,750.00 \$30,208.00	\$9,000.00 \$44.00	\$9,000.00 \$41,536.00	\$19,670.00 \$70.00	
41 804.02 34 CEMEN	NT CONC. TRAFFIC CURB	L.F.	\$30.00	\$1,020.00	\$32.00	\$1,088.00	\$36.00	\$1,224.00	\$34.00	\$1,156.00	\$50.00	\$1,700.00	\$30.00	\$1,020.00	\$51.00	\$1,734.00	\$44.00	\$1,496
	NT CONC. PEDESTRIAN CURB	L.F.	\$30.00 \$75.00	\$26,970.00 \$2,700.00	\$25.00 \$65.00	\$22,475.00 \$2,340.00		\$28,768.00 \$2,160.00	\$34.00 \$59.00	\$30,566.00 \$2,124.00	\$20.00 \$50.00	\$17,980.00 \$1,800.00	\$29.00 \$62.00	\$26,071.00 \$2,232.00	\$45.00 \$60.00	\$40,455.00 \$2,160.00		\$54,839 \$1,296
44 812.05 3 END, G	GATE, CORNER, AND PULL POST FOR CHAIN LINK FENCE	EACH	\$300.00	\$900.00	\$600.00	\$1,800.00	\$175.00	\$525.00 \$15,834.00	\$178.00	\$534.00 \$11,774.00	\$200.00	\$600.00	\$175.00	\$525.00 \$9,135.00	\$190.00 \$166.00	\$570.00	\$3,643.00 \$92.00	\$10,92
																\$33,698.00	392,001	
	NT CONC. SIDEWALK	S.Y.	\$70.00 \$100.00	\$14,210.00 \$39,600.00				\$15,834.00	\$84.00	\$33,264.00	\$40.00 \$50.00	\$8,120.00 \$19,800.00	\$45.00 \$80.00	\$31,680.00	\$132.00	\$52,272.00	\$98.00	
46 814.05 396 CEMEN 47 814.54 465 DETEC	NT CONC. CURB RAMP CTABLE WARNING SURFACE	S.F.	\$100.00 \$41.00	\$39,600.00 \$19,065.00	\$72.00 \$36.00	\$28,512.00 \$16,740.00	\$78.00 \$25.00	\$30,888.00 \$11,625.00	\$84.00 \$34.00	\$33,264.00 \$15,810.00	\$50.00 \$26.00	\$19,800.00 \$12,090.00	\$80.00 \$35.00	\$31,680.00 \$16,275.00	\$132.00 \$35.00	\$52,272.00 \$16,275.00	\$98.00 \$23.00	\$38,808 \$10,695
46 814.05 396 CEMEN 47 814.54 465 DETEC	NT CONC. CURB RAMP CTABLE WARNING SURFACE IOX SUPPORT, TYPE 1	S.Y. S.Y. S.F. EACH	\$100.00	\$39,600.00 \$19,065.00 \$400.00	\$72.00	\$28,512.00 \$16,740.00 \$700.00	\$78.00 \$25.00 \$250.00	\$30,888.00 \$11,625.00 \$500.00	\$84.00 \$34.00 \$310.00	\$33,264.00 \$15,810.00 \$620.00	\$50.00	\$19,800.00 \$12,090.00 \$2,000.00	\$80.00	\$31,680.00 \$16,275.00 \$700.00	\$132.00	\$52,272.00 \$16,275.00 \$600.00	\$98.00 \$23.00 \$634.00	\$38,808 \$10,695 \$1,268
46 814.05 396 CEMEN 47 814.54 465 DETEC	NT CONC. CURB RAMP CTABLE WARNING SURFACE OX SUPPORT, TYPE 1 SCHEDULE 2 TOTAL	S.F.	\$100.00 \$41.00	\$39,600.00 \$19,065.00	\$72.00 \$36.00	\$28,512.00 \$16,740.00	\$78.00 \$25.00 \$250.00	\$30,888.00 \$11,625.00	\$84.00 \$34.00 \$310.00	\$33,264.00 \$15,810.00	\$50.00 \$26.00	\$19,800.00 \$12,090.00	\$80.00 \$35.00	\$31,680.00 \$16,275.00	\$132.00 \$35.00	\$52,272.00 \$16,275.00	\$98.00 \$23.00 \$634.00	
46 814.05 396 CEMEN 47 814.54 465 DETEC 48 818.01 2 MAILBO	NT CONC. CURB RAMP CTABLE WARNING SURFACE IOX SUPPORT, TYPE 1	S.F.	\$100.00 \$41.00	\$39,600.00 \$19,065.00 \$400.00	\$72.00 \$36.00	\$28,512.00 \$16,740.00 \$700.00	\$78.00 \$25.00 \$250.00	\$30,888.00 \$11,625.00 \$500.00	\$84.00 \$34.00 \$310.00	\$33,264.00 \$15,810.00 \$620.00	\$50.00 \$26.00	\$19,800.00 \$12,090.00 \$2,000.00 \$313,660.00	\$80.00 \$35.00 \$350.00	\$31,680.00 \$16,275.00 \$700.00	\$132.00 \$35.00	\$52,272.00 \$16,275.00 \$600.00	\$98.00 \$23.00 \$634.00	\$38,808 \$10,695 \$1,268
66 814.05 396 CEMEN 47 814.54 465 DETEC 48 818.01 2 MAILBI	NT CONC. CURB RAMP CTABLE WARNING SURFACE OX SUPPORT, TYPE 1 SCHEDULE 2 TOTAL SCHEDULE 3 - ADA RAMP IMPROVEMENTS - GROUP 3 clude all applicable use and/or sales taxes in the individual Unit and Lump Sum prices. JEATION (GROUP 3)	S.F.	\$100.00 \$41.00 \$200.00 \$8,500.00	\$39,600.00 \$19,065.00 \$400.00 \$263,313.00 \$6,500.00	\$72.00 \$36.00 \$350.00 \$350.00	\$28,512.00 \$16,740.00 \$700.00 \$249,601.00 \$5,000.00	\$78.00 \$25.00 \$250.00 \$3,500.00	\$30,888.00 \$11,625.00 \$500.00 \$271,618.00 \$3,500.00	\$84.00 \$34.00 \$310.00 \$39,000.00	\$33,264.00 \$15,810.00 \$620.00 296,799.00	\$50.00 \$26.00 \$1,000.00 \$41,000.00	\$19,800.00 \$12,090.00 \$2,000.00 \$313,660.00 \$41,000.00	\$80.00 \$35.00 \$350.00 \$350.00	\$31,680.00 \$16,275.00 \$700.00 \$359,381.00 \$4,000.00	\$132.00 \$35.00 \$300.00 \$500.00	\$52,272.00 \$16,275.00 \$600.00 \$426,080.22	\$98.00 \$23.00 \$634.00 \$ \$3,643.00	\$38,808 \$10,695 \$1,268 414,183
46 814.05 396 CEMEN 47 814.54 465 DETEC 48 616.01 2 MAILBO	NT CONC. CURB RAMP CTABLE WARNING SURFACE OX SUPPORT, TYPE 1 SCHEDULE 2 TOTAL SCHEDULE 3 - ADA RAMP IMPROVEMENTS - GROUP 3 clude all applicable use and/or sales taxes in the individual Unit and Lump Sum prices. IZATION (GROUP 3)	S.F.	\$100.00 \$41.00 \$200.00 \$8,500.00 \$250.00	\$39,600.00 \$19,065.00 \$400.00 \$263,313.00 \$6,500.00 \$250.00	\$72.00 \$36.00 \$350.00 \$350.00 \$5,000.00 \$200.00	\$28,512.00 \$16,740.00 \$700.00 \$249,601.00 \$5,000.00 \$200.00	\$78.00 \$25.00 \$250.00 \$250.00 \$3,500.00 \$165.00	\$30,888.00 \$11,625.00 \$500.00 \$271,618.00 \$3,500.00 \$165.00 \$10,000.00	\$84.00 \$34.00 \$310.00 \$310.00 \$ \$9,000.00	\$33,264.00 \$15,810.00 \$620.00 296,799.00	\$50.00 \$26.00 \$1,000.00	\$19,800.00 \$12,090.00 \$2,000.00 \$313,660.00 \$41,000.00 \$1,500.00 \$12,000.00	\$80.00 \$35.00 \$350.00	\$31,680.00 \$16,275.00 \$700.00 \$359,381.00 \$4,000.00 \$575.00 \$8,000.00	\$132.00 \$35.00 \$300.00	\$52,272.00 \$16,275.00 \$600.00 \$426,080.22 \$500.00 \$100.00	\$98.00 \$23.00 \$634.00 \$ \$3,643.00 \$1,748.00	\$38,808 \$10,695 \$1,268 414,183 \$3,643 \$1,748
66 814.05 396 CEMEN 47 814.54 465 DETEC 48 818.01 2 MAILBI Incl 49 101.07 1 MOBIL 50 107.15 1 SPCC 51 110.00 1 PROJE	NT CONC. CURB RAMP CTABLE WARNING SURFACE OX SUPPORT, TYPE 1 SCHEDULE 2 TOTAL SCHEDULE 3 - ADA RAMP IMPROVEMENTS - GROUP 3 clude all applicable use and/or sales taxes in the individual Unit and Lump Sum prices. IZATION (GROUP 3) FCH TEMPORARY TRAFFIC CONTROL CTABLE WARNING SURFACE (RETROFIT)	S.F.	\$100.00 \$41.00 \$200.00 \$8,500.00	\$39,600.00 \$19,065.00 \$400.00 \$263,313.00 \$6,500.00 \$250.00 \$1,500.00 \$65,688.00	\$72.00 \$36.00 \$350.00 \$350.00	\$28,512.00 \$16,740.00 \$700.00 \$249,601.00 \$25,000.00 \$200.00 \$2,500.00 \$69,972.00	\$75.00 \$25.00 \$250.00 \$250.00 \$165.00 \$10,000.00 \$44.00	\$30,888.00 \$11,625.00 \$500.00 \$271,618.00 \$3,500.00 \$165.00 \$10,000.00	\$94.00 \$34.00 \$310.00 \$10.00 \$1,000.00 \$1,000.00 \$32.00	\$33,264.00 \$15,810.00 \$620.00 (296,799.00 \$9,000.00 \$1,000.00 \$19,000.00 \$45,696.00	\$50.00 \$26.00 \$1,000.00 \$1,000.00 \$41,000.00 \$1,500.00	\$19,800.00 \$12,090.00 \$2,000.00 \$313,660.00 \$41,000.00 \$1,500.00 \$12,000.00 \$49,980.00	\$80.00 \$35.00 \$350.00 \$350.00 \$4,000.00 \$575.00	\$31,680.00 \$16,275.00 \$700.00 \$359,381.00 \$4,000.00 \$575.00 \$8,000.00	\$132.00 \$35.00 \$300.00 \$300.00 \$500.00 \$100.00	\$52,272.00 \$18,275.00 \$600.00 \$426,080.22 \$500.00 \$100.00 \$2,000.00 \$84,260.00	\$98.00 \$23.00 \$634.00 \$ \$3,643.00 \$1,748.00 \$6,557.00 \$51.00	\$38,808 \$10,695 \$1,268 414,183 \$3,643 \$1,748 \$6,557 \$72,828
49 101.07 1 MOBIL 49 101.07 1 MOBIL 50 107.15 1 PROJE 51 110.00 1 PROJE 40 101.07 1 PROJE 51 110.00 1 PROJE	NT CONC. CURB RAMP CTABLE WARNING SURFACE OX SUPPORT, TYPE 1 SCHEDULE 2 TOTAL SCHEDULE 3 - ADA RAMP IMPROVEMENTS - GROUP 3 clude all applicable use and/or sales taxes in the individual Unit and Lump Sum prices. IZATION (GROUP 3) ECT TEMPORARY TRAFFIC CONTROL (GROUP 3) CTABLE WARNING SURFACE (RETROFIT) SCHEDULE 3 TOTAL	S.F.	\$100.00 \$41.00 \$200.00 \$6,500.00 \$250.00 \$1,500.00	\$39,600.00 \$19,085.00 \$400.00 \$263,313.00 \$5,500.00 \$250.00 \$1,500.00 \$65,688.00 \$73,938.00	\$72.00 \$36.00 \$350.00 \$350.00 \$5,000.00 \$200.00 \$49.00	\$28,512.00 \$18,740.00 \$700.00 \$249,601.00 \$5,000.00 \$200.00 \$2,500.00 \$69,972.00 \$77,672.00	\$75.00 \$25.00 \$25.00 \$250.00 \$165.00 \$100.00 \$44.00	\$30,888.00 \$11,625.00 \$500.00 \$271,618.00 \$10,000.00 \$10,000.00 \$62,832.00 \$76,497.00	\$94.00 \$34.00 \$310.00 \$310.00 \$10.00 \$10.00 \$19.000 \$32.00	\$33,264.00 \$15,810.00 \$620.00 296,799.00 \$9,000.00 \$1,000.00 \$19,000.00	\$50.00 \$26.00 \$1,000.00 \$1,000.00 \$1,500.00 \$12,000.00	\$19,800.00 \$12,090.00 \$2,000.00 \$313,660.00 \$11,000.00 \$1,500.00 \$12,000.00 \$49,960.00 \$104,480.00	\$80.00 \$35.00 \$350.00 \$350.00 \$4,000.00 \$575.00 \$8,000.00	\$31,680.00 \$16,275.00 \$700.00 \$359,381.00 \$4,000.00 \$575.00 \$8,000.00	\$132.00 \$35.00 \$300.00 \$300.00 \$100.00 \$2,000.00	\$52,272.00 \$16,275.00 \$600.00 \$426,080.22 \$500.00 \$100.00 \$2,000.00	\$98.00 \$23.00 \$634.00 \$ \$3,643.00 \$1,748.00 \$6,557.00 \$51.00	\$38,808 \$10,695 \$1,268 414,183 \$3,643 \$1,748 \$6,557 \$72,828 \$84,776
49 101.07 1 MOBIL 49 101.07 1 MOBIL 50 107.15 1 PROJE	NT CONC. CURB RAMP CTABLE WARNING SURFACE OX SUPPORT, TYPE 1 SCHEDULE 2 TOTAL SCHEDULE 3 - ADA RAMP IMPROVEMENTS - GROUP 3 clude all applicable use and/or sales taxes in the individual Unit and Lump Sum prices. IZATION (GROUP 3) FCH TEMPORARY TRAFFIC CONTROL CTABLE WARNING SURFACE (RETROFIT)	S.F.	\$100.00 \$41.00 \$200.00 \$6,500.00 \$250.00 \$1,500.00	\$39,600.00 \$19,085.00 \$400.00 \$263,313.00 \$85,500.00 \$1,500.00 \$73,938.00 \$539,516.00	\$72.00 \$36.00 \$350.00 \$350.00 \$5,000.00 \$200.00 \$49.00	\$28,512.00 \$15,740.00 \$770.00 \$249,601.00 \$5,000.00 \$200.00 \$2,500.00 \$69,972.00 \$77,672.00	\$75.00 \$25.00 \$25.00 \$250.00 \$165.00 \$100.00 \$44.00	\$30,888.00 \$11,625.00 \$500.00 \$271,618.00 \$3,500.00 \$165.00 \$10,000.00 \$62,832.00 \$76,497.00	\$94.00 \$34.00 \$310.00 \$310.00 \$10.00 \$10.00 \$19.000 \$32.00	\$33,264.00 \$15,810.00 \$620.00 296,799.00 \$9,000.00 \$1,000.00 \$19,000.00 \$45,696.00 \$74,696.00	\$50.00 \$26.00 \$1,000.00 \$1,000.00 \$1,500.00 \$12,000.00	\$19,800.00 \$12,090.00 \$2,000.00 \$313,660.00 \$41,000.00 \$11,500.00 \$12,000.00 \$49,980.00 \$104,480.00	\$80.00 \$35.00 \$350.00 \$350.00 \$4,000.00 \$575.00 \$8,000.00	\$31,680.00 \$16,275.00 \$700.00 \$359,381.00 \$4,000.00 \$575.00 \$8,000.00 \$59,978.00 \$72,551.00	\$132.00 \$35.00 \$300.00 \$300.00 \$100.00 \$2,000.00	\$52,272.00 \$18,275.00 \$600.00 \$426,080.22 \$500.00 \$100.00 \$2,000.00 \$64,260.00 \$66,860.00	\$98.00 \$23.00 \$634.00 \$ \$3,643.00 \$1,748.00 \$6,557.00 \$51.00	\$38,808. \$10,695. \$1,268. 414,183. \$3,643. \$1,748. \$6,557. \$72,828. \$84,776. 818,634.