

CITY OF SAN ANTONIO INTERDEPARTMENTAL MEMORANDUM PUBLIC WORKS DEPARTMENT

TO:

Mayor and City Council

FROM:

Thomas G. Wendorf, P.E., Director of Public Works

THROUGH: Terry M. Brechtel, City Manager

COPIES:

Melissa Byrne Vossmer; Ramiro Cavazos; Andrew Martin; Peter Zanoni; Milo

D. Nitschke; file

SUBJECT:

Agreement to Use Funds – KellyUSA, Billy Mitchell Boulevard, Phase I

DATE:

September 2, 2004

SUMMARY AND RECOMMENDATIONS

This Ordinance authorizes the City Manager or her designee to execute an "Agreement to Use Funds for Infrastructure Improvements to KellyUSA" between the City of San Antonio and the Greater Kelly Development Authority (GKDA), in the amount not to exceed \$558,580, to provide funding for the first phase of improvements to Billy Mitchell Boulevard as an authorized 2003-2007 General Obligation Street Improvement Bond funded project.

Staff recommends approval of this Ordinance.

BACKGROUND INFORMATION

The City's November 4, 2003 Bond election authorized funds for the KellyUSA infrastructure improvements in the amount of \$2,600,000 in accordance with the KellyUSA Master Plan.

This Ordinance authorizes the execution of an "Agreement to Use Funds for Infrastructure Improvements to KellyUSA" whereby the City will provide funding in the amount not to exceed \$507,800 for construction and \$50,780 for construction contingency, for a total not to exceed amount of \$558,580 to GKDA for the improvements to eighteen hundred (1800) feet of the existing Billy Mitchell Boulevard at KellyUSA to include the construction of a fourlane arterial with traffic controls and updated signage, a drainage system with increased capacity, as well as new curbs and sidewalks. The construction and oversight of the project will be managed by GKDA and the City shall reimburse GKDA for expenses as they are submitted to the City per the terms of the Operating Agency Agreement. The project began in August of 2004 and is anticipated to be completed by January of 2005.

As part of the KellyUSA Master Plan, this project is being completed in conjunction with a larger \$14 Million office and warehouse complex project. The remaining 2003-2007 General Obligation Street Improvement Bond funds approved in the November election will be utilized at a later date for infrastructure improvements at KellyUSA. Options for the use of the remaining funds are currently being evaluated and prioritized by GKDA, and may include projects such as the Cupples Road Extension, Phase II of the Billy Mitchell Boulevard Improvements, or as a match to leverage \$12.4 Million in federal funds for the 36th Street Extension.

POLICY ANALYSIS

Approval of this ordinance will be a continuation of City Council policy to complete previously approved 2003-2007 General Obligation Street Improvement Bond funded projects.

FISCAL IMPACT

This project was approved as a result of the November 4, 2003 bond election. Although this project was not included in the FY04-09 Capital Improvement Program Budget, approval of this ordinance will appropriately modify the Capital Budget in the amount of \$558,580.

Funds in the not to exceed amount of \$558,580 are available from 2003-2007 General Obligation Street Improvement Bond funds and are authorized payable to GKDA upon execution of the Agreement and upon receipt of the appropriate documentation of expenses as provided in the agreement as follows:

\$ 507,800.00 Payable for construction services \$ 50,780.00 Payable for contingency expenses

COORDINATION

This action was coordinated with the Office of Management and Budget, the Finance Department, the City Attorney's Office, the Economic Development Department and the GKDA.

SUPPLEMENTARY COMMENTS

A Discretionary Contracts Disclosure Form is not required.

ATTACHMENTS

1. Project Location Map

2. Agreement to Use Funds

Thomas G. Wendorf, P.E.

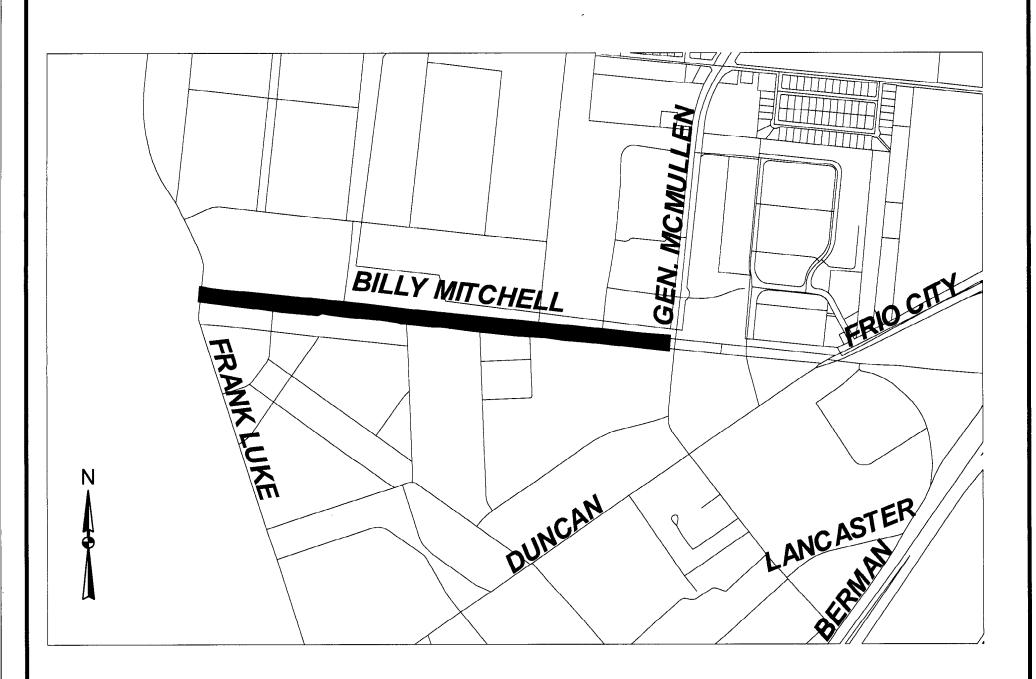
Director of Public Works

Assistant City Manager

APPROVED:

City Manager

KELLY USA: BILLY MITCHELL BLVD. - PHASE I



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		ا مقائد د ال	Contract No:	Order No:		
The Greater Kelly Deve	elopment Au	tnority		W-Out		
Vendor Information:	issued		(1004		
*1 120.00	Greater Kelly Develo		\ May 4, 2			
HDR	143 Billy Mitchell E	Blvd	Invoices			
1100 NE Loop 410 San Antonio, TX 78209	Bidg 43, Suite 6		Greater Kelly Developme	ent Authority		
Attn: Jason Scheppers	San Antonio, TX 7		Accounts Payable			
Attit, vason Scheppers	Attn: Debbie Tabir	iski	143 Billy Mitchell Blvd			
Email: jscheppe@hdrinc.com	E-mail:		Bidg 43, Suite 6	00 4046		
Phone: (210) 828-2217	debbie.tablnski@k	ellyusa.com	San Antonio, TX 7822	20-1010		
Fax: (210) 828-4483	Phone: 362-7819 Fax: 210-362-7828		Phone: 210/362-7809 Fax: 210/362-7853			
	Fax: 210-302-7020		Fax: 210/302-7003			
Account No.:	<i>_</i>	_				
Job No.:	·	Billy N	litchell Blvd Road	Design		
Phase:		· -				
ridoc.	Schedule of Sup	nlies / Services				
	Scope (
provide the below described service herewith. Any additional or different papers or other documents relating respect to the contract arising on or	t terms and condition: to this order are herel	s contained or ac by objected to an	:knowledgement forms,	invoice suibbing		
Description of Scope of Work:	1					
 Develop construction design will be removed in each directions. 	n plans for Billy Mitch ction. Also provide in	ell Blvd from Wa the design for n	gner Road to Luke Roa ew curbs and left turn l	d in which one (1) anes at three (3)		
Performance Period is 30 days. Pa This is a Not-To-Exceed (NTE)						
performed under this PO, Provalidation. Exceeding "Not to contracting official below, is a	vider must submit Exceed" amount,	an itemized in without prior	ivoice to the Author	rity for		
Mail Involces to Accounts Payab Purchase Order Number: See Above	<u>ole</u> with the following i	information inclu	ded to identify the invo Charge Nu	ice to: ımber: See Above		
Project Title: See Above	<u> </u>	1		70 1100		
Contracting Official:			For the Own	ier's use only		
Name: JOE SAENZ Signature:	2025	a de de	Award Amount	\$ 49,958.87		
Name: BRUCE MILLER Sign	pature:	Kill				
Service Provider Acknowledgemen		1		ar Armataka		
I accept the terms and conditions h	-	·	Only the Contracting Official or designated representative is authorized to make changes or			
Print Name: JASON SCHEPPE	RS Title:	ı	exceptions to this order and such must be confirmed in writing.			
Signature:	Date:					
	Entered by Accounting	ıg:				
VA .		-				

Only the Contracting Official or designated representative is authorized to make changes or exceptions to this order and such must be confirmed in

writing.

Received in Accounting:

Name: BRUCE MILLER Signature: Service Provider Acknowledgement

I accept the terms and conditions herein:

Print Name: JASON SCHEPPERS Title:

Entered by Accounting:

Signature:

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005	Utility locates		2 02AUG04	03AUG04	2 Utility locates		
010	Erosion control		0 03AUG04	30AUG04	Erosion control		
015	Install storm boxes in median		5 11AUG04	31AUG04	Install storm boxes in median		
040	Notity police and fire of lane closures		1 31AUG04	31AUG04			
025	Barncade Billy Mitchell	 	2 01SEP04	02SEP04	Barricade Bilty Mitchell		
030	Close inside lanes		2 01SEP04	02SEP04	₫ Close inside lanes		
245	Install storm drain leterals	 -	0 03SEP04	280CT04	Install storm drain laterals		
060	Demo existing curb, guitter & asphalt at		0 03SEP04	30SEP04	Demo existing cuth, guttter & asphalt at median		
070	Install new curb and gutter at median	i - · · · · · · · · · · · · · · · · · · 	0 08OCT04	04NOV04	install new curb and gutter at median		
090	Install top soil & sod to 3ft B,O,C		5/05NOV04	25NOV04	ካ 🤨		
100	Re open inside lanes		2 05NOV04	08NOV04	Install top soil & sod to 3ft B.O.C Re open inside lanes		
110	Move barricades		2 09NOV04	10NOV04	W Move barricades		
120	Close outside lanes		2 11NOV04	12NOV04			
130	Demo curb, gutter & asphalt	!	5 15NOV04	03DEC04	AV Close outside lanes		
40	install storm inlets on north side	_ 	0:18NOV04	15DEC04	Demo curb, gutter & asphalt		
150	Install new curb, gutter & sidewalks		0 29NOV04	07JAN05	Install storm inlets on north side		
160	Install new asphalt in outside lanes		5 10JAN05	14JANO5	Install new curb, gutter & sidewalks		
:50	Install top soil & sod to 3ft B,O,C	!	1 10JAN05	10JAN05	Install new asphalt in outside lanes		
70	Stripe outside lanes	!	3 24JAN05	26JAN05	☑ Install top soll & sod to 3ft B,O,C		
60	Open outside lanes				Stripe outside lanes		
90	Close inside lanes		2 27JAN05	28JAN05	₹ Open outside lanes		
00			2 31JAN05	01FEB05	E Close Inside lanes		
10	Install new asphalt at inside lanes	 -	02FEB05	07FE805	instell new asphalt at inside land		
30	Stripe inside lanes		15FEB05	17FEB05	∰ Stripe inside lanes		
	Remove all barricades		18FEB05	21FEB05	Remove all barricades		
20	Open Billy Milichell		22FEB05	22FEB05	▼ Open Billy Mitchell		
40	Substancial completetion	1 1 1	23FEB05	23FEB05			
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date	02AUG04				Early start point		
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EG&G OPERATIONS

100.1 NSURANCE & BOND	SUMMARY OF ESTIMATED QUANTITIES					
100.1 NSURANCE & BOND	ITEM	DESCRIPTION	UNIT	QTY		
101 PREPARING RIGHT OF WAY	100	MOBILIZATION	LS.	1	11.00%	\$55,495.55
102 OBLITERATING ABANDONED STREET	100.1	INSURANCE & BOND	L.S.	1	3.00%	\$15,135.15
103.1 REMOVE CONCRETE CURB	101	PREPARING RIGHT OF WAY	LS.	1		\$20,180.20
TOS REMOVE CONCRETE SIDEWALKS & DRIVEWAYS S.F. 700 \$2.24 \$1.586 TOS STREET EXCAVATION C.Y. 437 \$11.28 \$4.223. TOS STREET EXCAVATION C.Y. 437 \$11.28 \$4.223. TOS STREET EXCAVATION C.Y. 437 \$11.28 \$4.223. TOS STREET EXCAVATION C.Y. 438 \$8.39 \$11.258 TOS STREET EXCAVATION C.Y. 438 \$8.39 \$11.258 TOS C.Y. 437 \$11.28 \$4.223. TOS C.Y. 438 \$8.39 \$12.28 TOS C.Y. 438 \$8.39 \$12.28 TOS C.Y. 438 \$8.39 \$1.28 TOS C.Y. 438 \$2.400 \$2.0168 S.Y. 334 \$2.400 \$2.0168 S.Y. 334 \$2.400 \$2.0168 S.Y. 334 \$2.400 \$2.0168 S.Y. 334 \$2.400 \$2.0168 S.Y. 338 \$2.400 \$2.0168 S.Y. 318 \$8.500 \$2.206 S.Y. 27.5 \$11.500 S.Y. \$1.500	102	OBLITERATING ABANDONED STREET	S.Y.	4711		
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107 EMBANIXMENT C.Y.	103.2	REMOVE CONCRETE SIDEWALKS & DRIVEWAYS				
10.5 DEVELOPMENT AND IMPLEMENTATION OF A SITÉ HEALTH AND SAFÉTY PLAN LS. 1 \$2,475.00 \$2,475.00	104	STREET EXCAVATION				
204.1 ONE COURSE SURFACE TREATMENT 206. ASPHALT TREATED BASE (12" THICK) 207. S.Y. 834 \$24.00 \$20,01000 208. ASPHALT TREATED BASE (12" THICK) 308. STRUCTURAL SEXOAVATON C.Y. 1689 \$9.47 \$15,805.4 401.1 24" STORM DRAINAGE PIPE, R.C.P., LATERALS L.F. 318 \$85.00 \$20,670.0 401.1 30" STORM DRAINAGE PIPE, R.C.P., LATERALS L.F. 573 \$72.22 \$41,392.0 401.1 48" STORM DRAINAGE PIPE, R.C.P., LATERALS L.F. 92 \$147.00 \$13,524.0 403. STORM DRAINAGE PIPE, R.C.P., LATERALS L.F. 92 \$147.00 \$13,524.0 403. STORM DRAINAGE PIPE, R.C.P., LATERALS L.F. 92 \$147.00 \$13,524.0 403. STORM SEWER MANHOLES AND JUNCTION BOXES, STAGE II CONSTRUCTION V.F. 27.5 \$151.06 \$4,154.1 403.11 CURB INLET 10' EA. 5 \$3,850.00 \$19,250.0 \$403.41 JUNCTION BOX 7'x7'x7' EA. 7 \$2,821.25 \$18,348.7 501 MACHINE LAD CURB L.F. 5011 \$5.70 \$29,582.7 502.1 CONCRETE SIGNAULYS S.Y. 2160 \$26,833 \$58,1838. 511.3 REPLACING WITH ASPHALT TREATED BASE & PAVEMENT (12" COMPACTED DEPTH) S.Y. 595 \$33.39 \$19,897.0 530.6 BARRICADES, SIGNS & TRAFFIC HANDLING 3% PER MONTH 6 \$1,271.63 \$7,624.7 531.XX RB-1R ONE WAY EACH 3 \$178.13 \$53.59 536 RIGHT WHITE ARROW EACH 3 \$177.13 \$32.5 537.16 RASSED PAVEMENT MARKINGS (REFL) TY R - C - R EACH 3 \$207.32 \$1,2429 537.16 RASSED PAVEMENT MARKINGS (REFL) TY R - C - R EACH 4 \$200 \$8.17 EACH 5 \$200 \$8.17 516,440.0 531.0 CONSTRUCTOR EXIT (TYPE II) L.F. 500 \$7,500 \$22.55 500 TRENCH EXCAVATION SAFETY PROTECTION ELF. 500 \$7,500 \$22.55 500 TRENCH EXCAVATION SAFETY PROTECTION ELF. 75 \$18.06 \$1,354.5	107					
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CURB INLET 10' EA			EA.	5	\$3,850.00	\$19,250.00
405.4 JUNCTION BOX 7'x7'x7' EA			ĒA.	14	\$4,505.63	\$63,078.82
S01 MACHINE LAID CURB			EA	7	\$2,821.25	\$18,348.75
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511.3 REPLACING WITH ASPHALT TREATED BASE & PAVEMENT (12° COMPACTED DEPTH) S.Y. 595 \$33.39 \$19,867.0 515 TOPSOIL C.Y. 571 \$13.26 \$7,571.4 518.1 BERMUDA SODDING S.Y. 513.93 \$3.59 \$18,485.0 530.9 BARRICADES, SIGNS & TRAFFIC HANDLING 3% PER MONTH 6 \$1,271.63 \$7,629.7 531.XX R8-1R ONE WAY EACH 3 \$178.13 \$534.3 538 4 INCH [102mm] WIDE WHITE LINE L.F. 6638 \$2.20 \$14,603.6 536 24 INCH [610mm] WIDE WHITE LINE L.F. 301 \$13.25 \$3,988.2 536. RIGHT WHITE ARROW EACH 8 \$118.41 \$947.2 537.16 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 11 \$2.31 \$263.3 541 CURB INLET GRAVEL FILTERS L.F. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) L.F. 2000 \$8.17 \$16,340.0 543 CONSTRUCTION EXIT (TYPE II) L.F. 200 \$8.17 \$16,340.0 <tr< td=""><td></td><td></td><td>S.Y.</td><td>2160</td><td>\$26.93</td><td>\$58,158.80</td></tr<>			S.Y.	2160	\$26.93	\$58,158.80
515 TOPSOIL C.Y. 571 \$13.26 \$7,571.4 518.1 BERMUDA SODDING S.Y. 5139 \$3.59 \$18,449.0 530.8 BARRICADES, SIGNS & TRAFFIC HANDLING 3% PER MONTH 6 \$1,271.63 \$7,629.7 531.XX R8-1R ONE WAY EACH 3 \$178.13 \$534.3 538.4 INCH [102mm] WIDE WHITE LINE L.F. 6638 \$2.20 \$14,603.6 536 RIGHT WHITE ARROW EACH 8 \$118.41 \$947.2 536.1 WORD "ONLY" EACH 8 \$207.32 \$1,243.9 537.16 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 114 \$2.31 \$283.3 541 CURB INLET GRAVEL FILTERS L.F. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) L.F. 300 \$8.75 \$16,340.0 543 CONSTRUCTION EXIT (TYPE II) L.F. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION L.F.		REPLACING WITH ASPHALT TREATED BASE & PAVEMENT (12° COMPACTED DEPTH)	S.Y.	595	\$33.39	\$19,867.05
518.1 BERMUDA SODDING S.Y. 5139 \$3.59 \$18,448.0 530.9 BARRICADES, SIGNS & TRAFFIC HANDLING 3% PER MONTH 6 \$1,271.63 \$7,629.7 531.XX RB-1R ONE WAY EACH 3 \$178.13 \$534.3 538 4 INCH [102mm] WIDE WHITE LINE L.F. 6638 \$2.20 \$14,603.6 536 24 INCH [610mm] WIDE WHITE LINE L.F. 301 \$13.25 \$3,988.2 536 RIGHT WHITE ARROW EACH 8 \$207.32 \$1,243.9 536.1 WORD "ONLY" EACH 8 \$207.32 \$1,243.9 537.16 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 114 \$2.31 \$263.3 541 CURB INLET GRAVEL FILTERS L.F. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) L.F. 30 \$7.50 \$225.0 543 CONSTRUCTION EXIT (TYPE II) L.F. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814		The state of the s	C.Y.	571		\$7,571.46
530.9 BARRICADES, SIGNS & TRAFFIC HANDLING 3% PER MONTH 6 \$1,271.83 \$7,629.7 531.XX R8-1R ONE WAY EACH 3 \$178.13 \$534.3 536 4 INCH [102mm] WIDE WHITE LINE L.F. 6638 \$2.20 \$14,603.6 536 24 INCH [610mm] WIDE WHITE LINE L.F. 301 \$13.25 \$3,888.2 536. RIGHT WHITE ARROW EACH 8 \$118.41 \$947.2 536.1 WORD "ONLY" EACH 8 \$207.32 \$1,243.9 537.16 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 114 \$2.31 \$263.3 541 CURB INLET GRAVEL FILTERS L.F. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) L.F. 2000 \$8.17 \$16,340.0 543 CONSTRUCTION EXIT (TYPE II) L.F. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 8" DUCTILE IRON PIPE L.F. 75 \$18.06 \$1,354.5		BERMUDA SODDING	S.Y.	5139	\$3.59	\$18,449.01
531.XX R6-1R ONE WAY EACH 3 \$178.13 \$534.3 536 4 INCH [102mm] WIDE WHITE LINE L.F. 6638 \$2.20 \$14,603.6 536 24 INCH [610mm] WIDE WHITE LINE L.F. 301 \$13.25 \$3,988.2 536 RIGHT WHITE ARROW EACH 8 \$118.41 \$947.2 536.1 WORD "ONLY" EACH 6 \$207.32 \$1,243.9 537.16 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 114 \$2.31 \$263.3 541 CURB INLET GRAVEL FILTERS L.F. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) L.F. 2000 \$8.17 \$16,340.0 543 CONSTRUCTION EXIT (TYPE II) L.F. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 6" DUCTILE IRON PIPE L.F. 75 \$18.06 \$1,354.5			PER MONTH	6	\$1,271.63	\$7,629.78
538 4 INCH [102mm] WIDE WHITE LINE L.F. 6638 \$2.20 \$14,603.6 536 24 INCH [610mm] WIDE WHITE LINE L.F. 301 \$13.25 \$3,988.2 536 RIGHT WHITE ARROW EACH 8 \$118.41 \$947.2 536.1 WORD ONLY EACH 8 \$207.32 \$1,243.9 537.15 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 114 \$2.31 \$283.3 541 CURB INLET GRAVEL FILTERS L.F. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) L.F. 2000 \$8.17 \$16,340.0 543 CONSTRUCTION EXIT (TYPE II) L.F. 30 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 8" DUCTILE IRON PIPE L.F. 75 \$18.06 \$1,354.5	531.XX		EACH	3	\$178.13	\$534.39
536 24 INCH [610mm] WIDE WHITE LINE LF. 301 \$13.25 \$3,988.2 536 RIGHT WHITE ARROW EACH 8 \$118.41 \$947.2 536.1 WORD "ONLY" EACH 6 \$207.32 \$1,243.9 537.16 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 114 \$2.31 \$283.3 54.1 CURB INLET GRAVEL FILTERS LF. 343 \$2.50 \$857.5 54.2 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) LF. 2000 \$8.17 \$16,340.0 54.3 CONSTRUCTION EXIT (TYPE II) LF. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAPETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 6" DUCTILE IRON PIPE L.F. 75 \$18.06 \$1,354.5		4 INCH [102mm] WIDE WHITE LINE	L.F.	6638	\$2.20	\$14,603.60
536 RIGHT WHITE ARROW EACH 8 \$118.41 \$947.2 536.1 WORD "ONLY" EACH 6 \$207.32 \$1,243.9 537.16 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 114 \$2.31 \$283.3 541 CURB INLET GRAVEL FILTERS L.F. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) L.F. 2000 \$8.17 \$16,340.0 543 CONSTRUCTION EXIT (TYPE II) L.F. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAPETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 6" DUCTILE IRON PIPE L.F. 75 \$18.06 \$1,354.5	536		LF.	301	\$13.25	\$3,988.25
536.1 WORD "ONLY" EACH 6 \$207.32 \$1,243.9 537.16 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 114 \$2.31 \$283.3 541 CURB INLET GRAVEL FILTERS L.F. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) L.F. 2000 \$8.17 \$16,340.0 543 CONSTRUCTION EXIT (TYPE II) L.F. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 6" DUCTILE IRON PIPE L.F. 75 \$18.06 \$1,354.5			EACH	- 8	\$118.41	\$947.28
537.16 RAISED PAVEMENT MARKINGS (REFL) TY II - C - R EACH 114 \$2.31 \$253.3 541 CURB INLET GRAVEL FILTERS LF. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) LF. 2000 \$8.17 \$16,340.0 543 CONSTRUCTION EXIT (TYPE II) LF. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION LF. 1290 \$0.94 \$1,212.6 814 6" DUCTILE IRON PIPE LF. 75 \$18.06 \$1,354.5			EACH	ß	\$207.32	\$1,243.92
541 CURB INLET GRAVEL FILTERS LF. 343 \$2.50 \$857.5 542 TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE) LF. 2000 \$8.17 \$16,340.0 543 CONSTRUCTION EXIT (TYPE II) LF. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 6" DUCTILE IRON PIPE LF. 75 \$18.06 \$1,354.5		RAISED PAVEMENT MARKINGS (REFL) TY II - C - R	EACH	114	\$2.31	\$263.34
543 CONSTRUCTION EXIT (TYPE II) LF. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 6" DUCTILE IRON PIPE L.F. 75 \$18.06 \$1,354.5		CURB INLET GRAVEL FILTERS	LF.	343	\$2.50	\$857.50
543 CONSTRUCTION EXIT (TYPE II) LF. 30 \$7.50 \$225.0 550 TRENCH EXCAVATION SAFETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 6" DUCTILE IRON PIPE L.F. 75 \$18.06 \$1,354.5	542	ITEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE)	LF.	2000	\$8.17	\$16,340.00
550 TRENCH EXCAVATION SAFETY PROTECTION L.F. 1290 \$0.94 \$1,212.6 814 6" DUCTILE IRON PIPE L.F. 75 \$18.06 \$1,354.5			LF.	30		\$225.00
814 8" DUCTILE IRON PIPE LF. 75 \$18.06 \$1,354.5			L.F.	1290	\$0.94	\$1,212.60
				75		\$1,354.50
	834	FIRE HYDRANT	EÀ	1	\$2,281.47	\$2,261.47
836 PIPE FITTINGS, ALL SIZES AND TYPES TON 0.5 \$1,430,42 \$715.2			TON	0.5	\$1,430.42	\$715.21
			EA	284	\$0.94	\$248.16
\$595,315.6			<u></u>	 	-	\$595,315.85

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