

Agenda item #16
CONSENT

**CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
CITY COUNCIL AGENDA MEMORANDUM**

TO: Mayor and City Council

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

SUBJECT: Tezel Road – Timber Path to Old Tezel Road

DATE: December 16, 2004

SUMMARY AND RECOMMENDATIONS

This ordinance authorizes funds in the amount of \$2,080,244.45 payable to the Texas Department of Transportation (TxDOT), authorizes \$312,036.67 for Construction Contingency, \$25,000.00 for Engineering Contingency, and \$24,172.81 for Capital Administrative Costs, for a total amount of \$2,441,453.93 in connection with the Tezel Road – Timber Path to Old Tezel Road project, an authorized 1999-2004 General Obligation Street Improvement Bond and Metropolitan Planning Organization (MPO) funded project, located in Council Districts 6 and 7.

Staff recommends approval of this ordinance.

BACKGROUND INFORMATION

This project will provide for the reconstruction of Tezel Road from Timber Path to Old Tezel Road to a 4-lane, 72-foot width roadway with turn lanes, curbs, 6-foot sidewalks at the curb, necessary drainage and signal improvements, and 6-foot bicycle lanes.

Under an Advance Funding Agreement with TxDOT, and per the letter from TxDOT dated November 15, 2004, included herein as Attachment 2, TxDOT will manage the construction of this project. As part of the implementation of Metropolitan Planning Organization (MPO) State Transportation Program projects, it is the City's responsibility to fund engineering, right of way acquisition, 20% of construction costs, and 100% of TxDOT's preliminary engineering costs. This ordinance approves payment of the City's estimated portion of these construction and engineering costs to TxDOT, establishes construction and engineering contingency, and provides for Capital Programs administrative costs. This project is scheduled to be let by TxDOT in January of 2005, to begin construction March 2005, and to be completed in September 2006.

POLICY ANALYSIS

Approval of this ordinance will be a continuation of City Council policy to participate in the development and construction of City selected and approved MPO projects, which are approved annually by Council.

FISCAL IMPACT

This is a one-time capital improvement expenditure and is included in the FY 05-10 Capital Improvement Program Budget. Of the total amount of \$2,441,453.93 funds in the amount of \$676,000 are available from 1999-2004 General Obligation Street Improvement Bonds, funds in the amount of \$1,765,453.93 are available from Certificates of Obligation, and are authorized payable as follows:

\$2,080,244.45	payable to TxDOT for estimated Construction/Engineering costs
\$ 312,036.67	payable for Construction Contingency
\$ 25,000.00	payable for Engineering Contingency
\$ 24,172.81	payable for Capital Programs Administrative Costs

COORDINATION

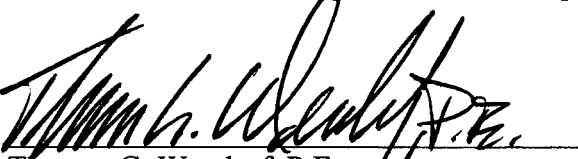
The request for ordinance has been coordinated with the Office of Management and Budget, the Finance Department, and TxDOT.

SUPPLEMENTARY COMMENTS

A Discretionary Contracts Disclosure form is not required.

ATTACHMENTS

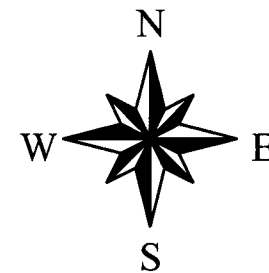
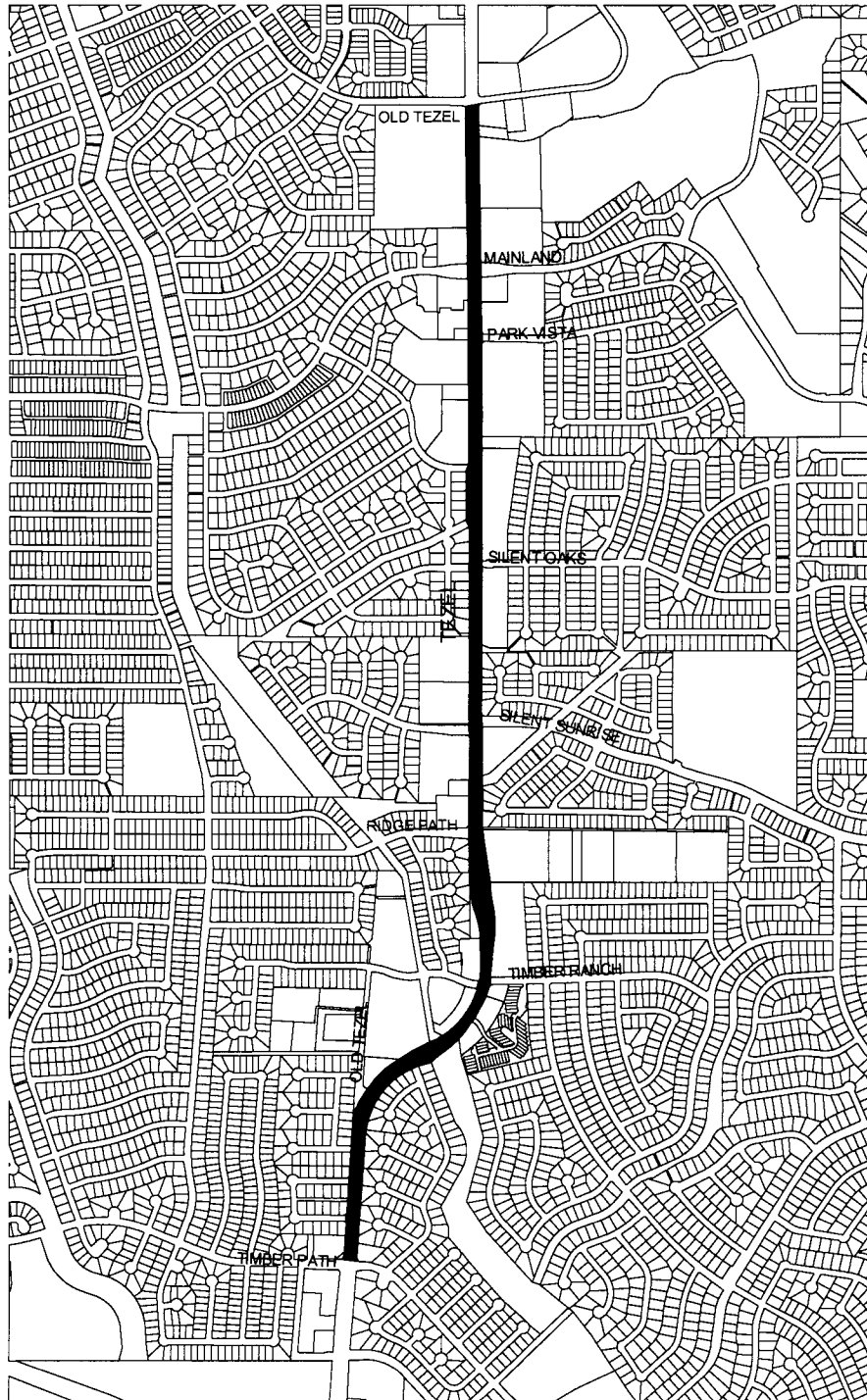
1. Project Map
2. Letter from Texas Department of Transportation dated November 15, 2004


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


Melissa Byrne Vossmer
Assistant City Manager

f 
J. Rolando Bono
Interim City Manager

TEZEL - TIMBER PATH TO OLD TEZEL



CITY OF SAN ANTONIO
Department of Public Works
Capital Programs Division



Texas Department of Transportation

P.O. BOX 29928 • SAN ANTONIO, TEXAS 78229-0928 • (210) 615-1110

November 15, 2004

The City of San Antonio
Attn: Mr. William Krause
Capital Programs Manager
P.O. Box 839966
San Antonio, Texas 78284-5126

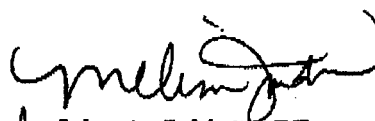
Re: Control: 0915-12-299
Project: STP 2003(419)MM
County: Bexar
Highway: Tezel Road

Dear Mr. Krause:

As you are probably aware, bids for the referenced project are scheduled for receipt in January. As detailed in our agreement, Article 5 Funding Responsibilities, Sections C & D, The City of San Antonio is obligated to remit the balance of its financial contribution for the construction of this Project within 30 days from receipt of written notification from the State. Therefore, a check made payable to the Texas Department of Transportation in the amount of \$2,080,244.45 must be forwarded as soon as possible. Otherwise, this project risks being pulled from the letting.

Naturally, your prompt attention to this matter would be greatly appreciated by all the parties involved. If you have any questions, or require additional information, please contact Melissa Jordan at 615-5817. Thank you, in advance, for your assistance.

Sincerely,



John A. Saldana, PE
CCMO Manager

/jqe
Attach. A/S
cc: Bexar 410 Area Office

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CONTRACT NO. 01053208
PROJECT STP 2003(419)MM
CONTROL 0915-12-299
HIGHWAY CS
COUNTY BEAR
DISTRICT 15

PROJECT AGREEMENT ESTIMATE
TEXAS DEPARTMENT OF TRANSPORTATION

ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
PWP:	EDCP:		TAPERED MATCH:				

DISTRICT 15 COUNTY BEAR CONTROL 0915-12-299 LENGTH 1.985 STP 2003(419)MM

TYPE: GRAD, STR, BASE, SURF
LIMITS FROM: ON TEZEL RD FROM RIDGE PATH
TO : OLD TEZEL

PREPARED BY DAVID CASTEEL P. E. DIST. ENG.OCT,2004

ROADWAY ITEMS NET LENGTH 1.975 KILOMETERS

0100	5002		PREP ROW	KM	1.990	\$ 53,030.000	\$ 105,529.70
0110	5001		EXCAVATION (RDWY)	M3	27,754.000	6.650	184,564.10
0110	5002		EXCAVATION (CHAN)	M3	509.000	5.400	2,748.60
0132	5018		EMBANK (ORD COMP) (TY B) (CL 3)	M3	627.000	8.500	5,329.50
0162	5008		BLOCK SOD (BERMUDA)	M2	4,864.000	2.800	13,619.20
0164	5001	002	BRDCST SEED (TEMP) (WARM)	M2	1,859.800	.150	278.97
0164	5003	002	BRDCST SEED (TEMP) (COOL)	M2	1,859.800	.200	371.96
0168	5001		VEGETATIVE WATERING	KL	107.000	2.650	283.55
0168	5002		VEG WATERING (TEMP EROSN CONTROL)	KL	818.300	3.000	2,454.90
0260	5006		LIME TREAT SUBGR (OC) (150 MM)	M2	24,534.000	1.650	40,481.10
0260	5041		LIME (TY A (SLURRY) OR TY C (SLURRY))	MGR	239.000	90.000	21,510.00
0402	5001		TRENCH EXCAV PROTECTION	M	1,690.200	6.850	11,577.87
0432	5001		RIPRAP (CONC) (CL B)	M3	173.000	294.400	50,931.20
0450	5060		RAIL (TY PR1)	M	105.000	122.200	12,831.00
0462	5004	001	CONC BOX CULV (1200 MM X 900 MM)	M	309.900	388.400	120,365.16
0462	5006	001	CONC BOX CULV (1500 MM X 600 MM)	M	51.000	521.000	26,571.00
0462	5007	001	CONC BOX CULV (1500 MM X 900 MM)	M	58.800	551.200	32,410.56
0462	5038	001	CONC BOX SEWER (900 MM X 600 MM)	M	45.600	328.100	14,961.36
0462	5041	001	CONC BOX SEWER (1200 MM X 900 MM)	M	132.300	460.500	60,924.15
0464	5061		RC PIPE (SEWER) (CL III) (600 MM)	M	1,229.400	201.000	247,109.40
0464	5063	001	RC PIPE (SEWER) (CL III) (750 MM)	M	271.300	313.450	85,038.99
0464	5065	001	RC PIPE (SEWER) (CL III) (900 MM)	M	22.000	231.650	5,096.30
0465	5033		MANHOLE (COMPL) (TY 2)	EA	3.000	3,416.100	10,248.30
0465	5034		MANHOLE (COMPL) (TY 1)	EA	14.000	2,954.700	41,365.80
0465	5039		MANHOLE (COMPL) (TY 5)	EA	3.000	6,364.000	19,092.00
0465	5075		MANH (COMPL) (TY 3)	EA	2.000	4,286.700	8,573.40
0465	5262		MANH (COMPL) (TY 4)	EA	4.000	5,710.000	22,840.00

P.03/17
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210 615 6041

TxDOT-COMD

NOV-15-2004 16:52

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0465	5312			INLET (COMPL) (CURB) (TY C)	EA	37.000	\$ 4,534.300	\$ 167,769.10
0465	5342			INLET (COMPL) (TRAFFIC) (TY X-6)	EA	1.000	12,000.000	12,000.00
0465	5457			INLET (COMPL) (CURB) (TY II) (MOD)	EA	1.000	5,100.000	5,100.00
0465	***			INLET EXT (TY C-E)	EA	20.000	1,500.000	30,000.00
0465	***			MANHOLE TY M (SPL) (RISER)	EA	2.000	1,650.000	3,300.00
0466	5005	001		WINGWALL (PW-N) (H=1200 MM)	EA	1.000	2,500.000	2,500.00
0466	5007	001		WINGWALL (PW-N) (H=1800 MM)	EA	1.000	9,000.000	9,000.00
0466	5024	001		WINGWALL (PW-30) (H=1500 MM)	EA	1.000	8,900.000	8,900.00
0466	5025	001		WINGWALL (PW-30) (H=1800 MM)	EA	1.000	10,200.000	10,200.00
0466	5026	001		WINGWALL (PW-30) (H=2100 MM)	EA	3.000	11,000.000	33,000.00
0466	5060	001		WINGWALL (PW-30) (H=1500 MM)	EA	1.000	2,600.000	2,600.00
0496	5002			REMOV OLD STR (SMALL)	EA	4.000	1,749.350	6,997.40
0496	5004			REMOV OLD STR (PIPE)	M	134.700	30.750	4,142.03
0496	5008			REMOV OLD STR (SMALL) (MANHOLE)	EA	5.000	700.000	3,500.00
0500	5001			MOBILIZATION	LS	0.531	800,000.000	424,800.00
0502	5001	020		BARRICADES, SIGNS AND TRAF HANDLE	MO	9.000	4,328.100	38,952.90
0508	5003			CONSTRUCT DETOURS (CL 3)	M2	2,513.000	33.300	83,682.90
0512	5012			PORT CTB LOW PRF (MOVE & RESET) (TY I)	M	2,165.500	5.000	10,827.50
0512	5030			PORT CTB LOW PRF (TY 2) (MOV & RESET)	M	323.300	26.300	8,502.79
0512	5042			PORT CONC TRF BAR LOW PRF (TY I) REMV	M	48.800	17.000	829.60
0512	5043			PORT CONC TRF BAR LOW PRF (TY II) RMV	M	48.800	29.300	1,429.84
0512	5052			PCTB LOW PRF (TY II) (FURN & INST)	M	6.100	122.750	748.78
0512	5054			PRT CTB LW PRF (STKPL, INSTL&TRN) (TY I)	M	335.500	18.000	6,039.00
0512	5055			PRT CTB LW PRF (STKPL, INSTL&TRN) (TYII)	M	24.400	48.000	1,171.20
0529	5027			CONC CURB (ARMOR CURB SLOT)	M	4.000	160.000	640.00
0529	5033			CONC CURB (TY II)	M	5,706.000	9.100	51,924.60
0529	5051			CONC CURB (TY B)	M	32.000	90.000	2,880.00
0529	***			CONC CURB (TY C-2)	M	402.000	62.000	24,924.00
0529	***			CONC CURB (TY C-3)	M	13.000	90.000	1,170.00
0529	***			CONC CURB (TY E-1)	M	962.000	92.000	88,504.00
0529	***			CONC CURB (TY E-2)	M	423.000	96.000	40,608.00
0529	***			CONC CURB (TY C-1)	M	274.000	65.000	17,810.00
0530	5011	004		DRVWYS (CONC) (TY 3)	M2	1,085.000	50.250	54,521.25
0531	5002	004		CONCRETE SIDEWALKS	M2	6,094.000	39.500	240,713.00
0560	5001			MAILBOX INSTAL (SINGLE)	EA	2.000	125.750	251.50
0618	5005			CONDUIT (RM) (50 MM)	M	53.000	37.750	2,000.75
0618	5011			CONDUIT (PVC) (SCHD 40) (50 MM)	M	1,973.000	14.150	27,917.95
0618	5013			CONDUIT (PVC) (SCHD 40) (75 MM)	M	408.000	29.500	12,036.00
0618	5035			CONDUIT (PVC) (SCHD 40) (BORE) (100 MM)	M	326.000	85.000	27,710.00
0620	5003			ELEC CONDUCTOR (NO. 8) BARE	M	624.000	2.150	1,341.60
0620	5004			ELEC CONDUCTOR (NO. 6) BARE	M	64.000	1.550	99.20
0624	5001			GROUND BOX TY A (122311) W/APRON	EA	12.000	599.300	7,191.60
0624	5004			GROUND BOX TY D (162922) W/APRON	EA	15.000	599.650	8,994.75
0624	5006			GROUND BOX TY A (122311)	EA	24.000	404.700	9,712.80
0628	5222			ELE SRV TY T(120/240)000 (NS)GS(N)SP(U)	EA	3.000	2,456.000	7,368.00
0636	5001			ALUM SIGNS (TY A)	M2	11.000	195.900	2,154.90
0644	5042			SMALL RDS ASSM (SPECIAL)	EA	45.000	315.000	14,175.00
0644	***			SM RD SGN ASSM TY U	EA	56.000	392.500	21,980.00
0649	5002			REMOV SMALL RDS SGN ASSMS	EA	16.000	73.500	1,176.00
0656	5003			FND FOR TRAF SIG (600 MM DRIL SHFT)	M	6.000	300.850	1,805.10
0656	5004			FND FOR TRAF SIG (750 MM DRIL SHFT)	M	14.000	497.250	6,961.50
0656	5005			FND FOR TRAF SIG (TYA) (900MM DRIL SHFT)	M	32.000	551.100	17,635.20
0656	5027			TRAF SIG CNTRL FND (CITY TYPE)	EA	3.000	1,783.350	5,350.05

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0658	5086			OBJ MRK ASM TY 2 (OM-2SR) (A) BI-DIR	EA	8.000	\$ 45.000	\$ 360.00
0658	***			OBJ MRK ASM TY 1 (OM-1P)	EA	15.000	70.000	1,050.00
0662	5001	005		WRK ZN PAV MRK REMOV (W) (SLD) (100 MM)	M	2,258.200	2.950	6,661.69
0662	5011	005		WRK ZN PAV MRK REMOV (W) (SLD) (600 MM)	M	26.400	32.000	844.80
0662	5023	005		WRK ZN PAV MRK REMOV (Y) (SLD) (100 MM)	M	3,731.400	2.650	9,888.21
0662	5049	005		WRK ZN PAV MRK NON-REMOV (W) (SLD) 100 MM	M	3,159.100	.800	2,527.28
0662	5069	005		WRK ZN PAV MRK NON-REMOV (Y) (SLD) 100 MM	M	6,932.200	1.050	7,278.81
0666	5001	011		REFL PAV MRK TY I (W) (SLD) (100 MM)	M	653.800	1.400	915.32
0666	5002	011		REFL PAV MRK TY I (W) (BRK) (100 MM)	M	1,027.200	1.150	1,181.28
0666	5004	011		REFL PAV MRK TY I (W) (SLD) (150 MM)	M	565.500	5.000	2,827.50
0666	5006	011		REFL PAV MRK TY I (W) (SLD) (200 MM)	M	3,184.900	2.300	7,325.27
0666	5012	011		REFL PAV MRK TY I (W) (SLD) (600 MM)	M	72.000	17.850	1,285.20
0666	5013	011		REFL PAV MRK TY I (W) (ARROW)	EA	32.000	110.850	3,547.20
0666	5014	011		REFL PAV MRK TY I (W) (DBL ARROW)	EA	3.000	115.950	347.85
0666	5017	011		REFL PAV MRK TY I (W) (WORD)	EA	27.000	133.000	3,591.00
0666	5024	011		REFL PAV MRK TY I (Y) (SLD) (100 MM)	M	4,513.000	1.700	7,672.10
0666	5025	011		REFL PAV MRK TY I (Y) (BRK) (100 MM)	M	140.400	2.050	287.82
0666	5032	011		REFL PAV MRK TY I (Y) (SLD) (600 MM)	M	95.700	21.300	2,038.41
0666	5035	011		REFL PAV MRK TY II (W) (SLD) (100 MM)	M	653.800	.850	555.73
0666	5036	011		REFL PAV MRK TY II (W) (BRK) (100 MM)	M	1,072.200	.700	750.54
0666	5038	011		REFL PAV MRK TY II (W) (SLD) (150 MM)	M	585.000	3.950	2,310.75
0666	5039	011		REFL PAV MRK TY II (W) (SLD) (200 MM)	M	3,351.200	1.200	4,021.44
0666	5044	011		REFL PAV MRK TY II (W) (SLD) (600 MM)	M	72.000	10.350	745.20
0666	5045	011		REFL PAV MRK TY II (W) (ARROW)	EA	32.000	61.750	1,976.00
0666	5046	011		REFL PAV MRK TY II (W) (DBL ARROW)	EA	3.000	43.150	129.45
0666	5049	011		REFL PAV MRK TY II (W) (WORD)	EA	27.000	50.800	1,371.60
0666	5056	011		REFL PAV MRK TY II (Y) (SLD) (100 MM)	M	4,513.000	1.150	5,189.95
0666	5057	011		REFL PAV MRK TY II (Y) (BRK) (100 MM)	M	140.400	1.450	203.58
0666	5063	011		REFL PAV MRK TY II (Y) (SLD) (600 MM)	M	95.700	12.900	1,234.53
0666	5106	011		REFL PAV MRK TY I (W) (BIKE) (ARROW)	EA	20.000	40.000	800.00
0666	5108	011		REFL PAV MRK TY I (W) (BIKE) (SYMBOL)	EA	20.000	85.000	1,700.00
0666	5111	011		REFL PAV MRK TY II (W) (BIKE) (ARROW)	EA	20.000	80.000	1,600.00
0666	5113	011		REFL PAV MRK TY II (W) (BIKE) (SYMBOL)	EA	20.000	40.000	800.00
0672	5007	004		RAIS PAV MRKR CL B (REFL) TY I-C	EA	823.000	3.700	3,045.10
0672	5009	004		RAIS PAV MRKR CL B (REFL) TY II-A-A	EA	463.000	5.400	2,500.20
0677	5001			ELIM EXT PAV MRK & MRKR (100 MM)	M	3,732.500	1.900	7,091.75
0680	5002	004		INSTAL OF HWY TRAF SIG (SYSTEM)	EA	3.000	11,686.550	35,059.65
0681	5001			TEMP TRAF SIGNALS FOR CONSTRUCTION	EA	3.000	21,525.950	64,577.85
0682	5002			VEH SIG SEC (300 MM)	EA	96.000	191.450	18,379.20
0682	5005			PED SIG SEC (2 INDICATIONS IN 1 SEC)	EA	24.000	373.800	8,971.20
0682	5009			BACK PLATE (3 SEC) (300 MM)	EA	32.000	97.250	3,112.00
0684	5047			TRAF SIG CBL (TY A) (7 CONDR) (14 AWG)	M	594.000	4.050	2,405.70
0684	5048			TRAF SIG CBL (TY A) (9 CONDR) (14 AWG)	M	440.000	4.250	1,870.00
0684	5049			TRAF SIG CBL (TY B) (6 PAIR) (19 AWG)	M	2,194.000	7.000	15,358.00
0684	***			TRAF SIG CBL (TY A) (3 CONDR) (14 AWG)	M	843.000	2.750	2,318.25
0684	***			ILLUMINATION CABLE (3 CNDR) (10 AWG)	M	270.000	4.100	1,107.00
0686	5010	002		TRAF SIG POLE ASM (STL) 1 ARM (8.5 M)	EA	1.000	3,390.650	3,390.65
0686	5011	002		TRAF SIG POLE ASM (STL) 1 ARM (9.8 M)	EA	3.000	3,341.900	10,025.70
0686	5013	002		TRAF SIG POLE ASM (STL) 1 ARM (12.2 M)	EA	2.000	3,031.250	6,062.50
0686	5014	002		TRAF SIG POLE ASM (STL) 1 ARM (13.4 M)	EA	3.000	3,890.500	11,671.50
0686	5015	002		TRAF SIG POLE ASM (STL) 1 ARM (14.6 M)	EA	3.000	3,985.000	11,955.00
0688	5001			PED DETECT (PUSH BTN)	EA	24.000	140.500	3,372.00
1009	5004			COMPOST MANF TPPL (PB) (CL 2)	M2	4,864.000	3.700	17,996.80

ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
3117	5021	001	HOT MIX (TY A) (BASE)	MGR	26,470.000	\$ 35.000	\$ 926,450.00
3117	5023	001	HOT MIX (TY B) (BASE)	MGR	9,748.000	65.000	633,620.00
3117	5032	001	HOT MIX (TY C) (SURF) (PG 70-22)	MGR	4,957.000	48.950	242,645.15
4156	5001		FLOWABLE BACKFILL	M3	629.000	110.400	69,441.60
4375	***		SPILL CNTNMT INTRCPT/SEPARAT (STC 3600)	EA	1.000	17,200.000	17,200.00
4375	***		SPILL CNTNMT INTRCPT/SEPARAT (STC 4800)	EA	1.000	22,270.000	22,270.00
5002	5001		ROCK FILTER DAMS (TY 1)	M	103.700	53.850	5,584.25
5002	5002		ROCK FILTER DAMS (REMOV & REPLAC) (TY 1)	M	67.700	42.800	2,897.56
5002	5003		ROCK FILTER DAMS (REMOV) (TY 1)	M	103.700	13.850	1,436.25
5002	5004		ROCK FILTER DAMS (TY 2)	M	3.000	46.650	139.95
5002	5006		ROCK FILTER DAMS (REMOV) (TY 2)	M	3.000	11.500	34.50
5002	5007		ROCK FILTER DAMS (TY 3)	M	61.200	102.000	6,242.40
5002	5008		ROCK FILTER DAMS (REMOV & REPLAC) (TY 3)	M	91.300	58.000	5,295.40
5002	5009		ROCK FILTER DAMS (REMOV) (TY 3)	M	61.200	33.000	2,019.60
5005	5001		BKHOR WORK (EROSN CONT) (CL 1)	H	177.000	53.000	9,381.00
5009	5001		SANDBAGS FOR EROSION CONTROL	EA	416.000	5.200	2,163.20
5012	5001		TEMP SEDMT CONT FENCE	M	1,190.500	4.900	5,833.45
5012	5002		TEMP SEDMT CONT FENCE (REMOV & REPLAC)	M	870.200	4.400	3,828.88
5012	5003		TEMP SEDMT CONT FENCE (REMOV)	M	1,190.500	1.000	1,190.50
5012	5004		TEMP SD CONT FEN (INLET PROTECTION)	M	52.900	9.200	486.68
5012	5005		TEMP SD CONT FEN(RMV&RPL) (INLET PRCT)	M	40.800	6.600	269.28
5012	5006		TEMP SD CONT FEN(REMOV) (INLET PRCT)	M	52.900	1.250	66.13
5263	5002		COLORLED TEXTURIZED CONCRETE (100 MM)	M2	937.000	45.000	42,165.00
5263	***		COLORLED-TEXTURIZED CONCRETE (250 MM)	M2	1,608.000	95.000	152,760.00
5288	5001		LANDSCAPE PAVERS	M2	241.000	39.000	9,399.00
5433	5002		CURB RAMP AND LANDING (TY 2)	EA	21.000	880.000	18,480.00
8970	***		TEMP VIVDS	EA	3.000	1,105.000	3,315.00
8970	***		VIVDS PROCESSOR SYSTEM	EA	6.000	10,648.000	63,888.00
8970	***		VIVDS CAMERA ASSEMBLY	EA	19.000	2,128.000	40,432.00
8970	***		VIVDS COMMUNICATION CABLE (COAXIAL)	EA	843.000	1.900	1,601.70

SUBTOTAL \$ 5,326,482.90
ENGINEERING AND CONTINGENCIES 559,280.70

TOTAL ROADWAY ITEMS \$ 5,885,763.60

CONTRACTOR FORCE ACCOUNT WORK (PART)

FURNISH POLICE OFFICERS AND CRUISERS	LS	1.000	\$	20,000.00
FURNISH COMPOST TESTING	LS	1.000	\$	1,000.00
FURNISH CELLULAR PHONES	EA	1.000	\$	10,000.00

TOTAL \$ 31,000.00

CITY FORCE ACCOUNT WORK (PART)

TRAFFIC SIGNAL CONTROL AND CABINET	LS	1.000	\$	12,000.00
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TOTAL \$ 12,000.00

SAN ANTONIO WATER SYSTEM SEWER NET LENGTH .001 KILOMETERS

ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0500	5001		MOBILIZATION	LS	0.003	\$ 800,000.000	\$ 2,400.00
5137	5001		SAN SEW (ADJUST MANHOLE)	EA	2.000	787.000	1,574.00
5137	5002		SAN SEW (TRENCH EXCAV PROTECTION)	M	82.300	3.000	246.90
5137	5009		SAN SEW MANH (COMPL) (WTR TIGHT)	EA	4.000	2,432.000	9,728.00
5137	5029		SAN SEW (200 MM PVC) (SDR 26)	M	82.300	103.380	8,508.17
5137	5032		SAN SEW (BYPASS PUMPING)	LS	1.000	1,000.000	1,000.00
5324	5005		CUT & REPLACE ASPH PAVEMENT	M2	57.300	39.750	2,277.68
5324	***		FLOWABLE BACKFILL	M3	51.600	25.000	1,290.00

SUBTOTAL \$ 27,024.75
ENGINEERING AND CONTINGENCIES 2,837.60

TOTAL SAN ANTONIO WATER SYSTEM SEWER \$ 29,862.35

SAN ANTONIO WATER SYSTEM WATER NET LENGTH 1.985 KILOMETERS

0500	5001		MOBILIZATION	LS	0.090	800,000.000	72,000.00
5324	5004		ADJUST EXIST VALVE BOX	EA	2.000	659.000	1,318.00
5324	5005		CUT & REPLACE ASPH PAVEMENT	M2	2,415.100	39.750	96,000.23
5324	5006		TRENCH EXCAVATION PROTECTION	M	2,171.000	2.850	6,187.35
5324	5014		GATE VALVE AND BOX (200 MM)	EA	11.000	866.500	9,531.50
5324	5015		GATE VALVE AND BOX (400 MM)	EA	1.000	4,002.300	4,002.30
5324	5017		TIE-IN (MAIN) (200 MM)	EA	7.000	1,203.100	8,421.70
5324	5018		TIE-IN (MAIN) (300 MM)	EA	4.000	1,410.000	5,640.00
5324	5020		STD FIRE HYDRANT W/150 MM VALVE & BOX	EA	8.000	2,472.000	19,776.00
5324	5021		STD FIR HYD W/TAP SLEEV, 150MM VALV & BX	EA	1.000	5,975.000	5,975.00
5324	5023		TRMP BLOW-OFF (50 MM)	EA	9.000	985.000	8,865.00
5324	5026		HYDROSTATIC PRESSURE TEST	EA	5.000	822.200	4,111.00
5324	5031		RELAY SHRT SERV (NEW MAIN) (19 MM)	EA	5.000	690.000	3,400.00
5324	5032		RELAY SHRT SERV (NEW MAIN) (25 MM)	EA	3.000	841.250	2,523.75
5324	5033		RELAY SHRT SERV (NEW MAIN) (38 MM)	EA	4.000	700.000	2,800.00
5324	5034		RELAY SHRT SERV (NEW MAIN) (50 MM)	EA	2.000	900.000	1,800.00
5324	5038		DUCTILE-IRON FITTINGS	KG	25,197.800	2.800	70,553.84
5324	5062		FLOWABLE BACKFILL	M3	2,173.600	25.000	54,340.00
5324	5046		NEW METER BOX	EA	15.000	120.000	1,800.00
5324	5051		GATE VALVE AND BOX (300 MM)	EA	4.000	1,278.000	5,112.00
5324	5054		TIE-IN (MAIN) (400 MM)	EA	1.000	3,133.000	3,133.00
5324	5058		PIPE WATER MAIN (DI) (500 MM)	M	1,274.500	278.870	355,419.82
5324	5059		TIE-IN (MAIN) (500 MM)	EA	9.000	2,888.000	25,992.00
5324	5061		AUTOMATIC AIR RELEASE VALVE (50 MM)	EA	7.000	1,800.000	12,600.00
5324	5063		BUTTERFLY VALVE AND BOX (500 MM)	EA	7.000	6,000.000	42,000.00
5324	5068		PIPE WTR MAIN (DI) (500 MM) (IN CASING)	M	32.500	278.870	9,063.28
5324	5074		TRMP BLOW-OFF (100 MM)	EA	4.000	3,800.000	15,200.00
5324	5075		TAP SLEEV, VALV & BOX (500 MM X 200 MM)	EA	2.000	2,980.000	5,960.00
5324	5081		PIPE STL CASING (900 MM ID) (OPEN CUT)	M	32.500	450.000	14,625.00
5324	5090		RELAY LONG SERV (NEW MAIN) (25 MM)	EA	1.000	560.000	560.00
5324	5096		RELY SHRT FIRE LINE SERV (NEW MAIN) 150MM	EA	3.000	905.700	2,717.10
5324	5120		PIPE WATER MAIN (PVC) (300 MM)	M	131.000	100.000	13,100.00
5324	***		PIPE WATER MAIN (PVC) (200 MM) - -SPCL NO	M	706.000	87.200	61,563.20
5324	***		PIPE WATER MAIN (PVC) (400 MM)	M	38.000	131.230	4,986.74
5324	***		CUT-IN-TEE (200 MM X 200 MM)	EA	1.000	2,050.000	2,050.00

P.07/17

210 615 6041

TXDOT-CCMD

NOV-15-2004 16:53

ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
SUBTOTAL \$							953,127.81
ENGINEERING AND CONTINGENCIES							100,078.42
TOTAL SAN ANTONIO WATER SYSTEM WATER \$							1,053,206.23

BRIDGES

NO PROJECT LENGTH

BRIDGE # 3

STRUCT NO. 3 ON TEZEL B/W RIDGE PATH & NORTHCHASE

0110	5002		EXCAVATION (CHAN)	M3	173.000	\$ 5.400	\$ 934.20
0432	5001		RIPRAP (CONC) (CL B)	M3	40.000	294.400	11,776.00
0450	5060		RAIL (TY PH1)	M	32.000	122.200	3,910.40
0462	5013	002	CONC BOX CULV (1800 MM X 900 MM)	M	135.500	594.700	80,581.85
0466	5016	001	WINGWALL (PW-15) (H=1800 MM)	EA	2.000	10,000.000	20,000.00
0496	5011		REMOV OLD STR (LARGE) (BOX CULV)	EA	1.000	4,465.000	4,465.00
4156	5001		FLOWABLE BACKFILL	M3	137.000	110.400	15,124.80
SUBTOTAL \$							136,792.25
ENGINEERING AND CONTINGENCIES							14,363.19
TOTAL BRIDGES \$							151,155.44

ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
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PWP: EDCP: TAPERED MATCH:

DISTRICT 15 COUNTY BEXAR CONTROL 0915-12-300 LENGTH 1.156 STP 2003(419)MM

TYPE: GRAD, STR, BASE, SURF

LIMITS FROM: ON TEZEL RD FROM TIMBER PATH

TO : RIDGE PATH

PREPARED BY DAVID CASTEEL P.E. DIST. ENG. OCT,2004

ROADWAY ITEMS

NET LENGTH 1.126 KILOMETERS

0100	5002		PREP ROW	KM	1.120	\$ 53,030.000	\$ 59,393.60
0106	5001		OBLITERATE ABND ROAD	KM	0.540	144.700	78.14
0110	5001		EXCAVATION (RDWY)	M3	15,385.000	6.650	102,310.25
0110	5002		EXCAVATION (CHAN)	M3	656.000	5.400	3,542.40
0132	5018		EMBANK (ORD COMP) (TY B) (CL 3)	M3	3,928.000	8.500	33,388.00
0162	5008		BLOCK SOD (BERMUDA)	M2	6,074.000	2.800	17,007.20
0164	5001	002	BRDCST SEED (TEMP) (WARM)	M2	2,897.500	.150	434.63
0164	5003	002	BRDCST SEED (TEMP) (COOL)	M2	2,897.500	.200	579.50

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0168	5001			VEGETATIVE WATERING	KL	134.000	\$ 2.650	\$ 355.10
0168	5002			VEG WATERING (TEMP EROSN CONTROL)	KL	1,274.900	3.000	3,824.70
0260	5006			LIME TREAT SUBGR (OC) (150 MM)	M2	7,346.000	1.650	12,120.90
0260	5041			LIME (TY A (SLURRY) OR TY C (SLURRY))	MGR	72.000	90.000	6,480.00
0402	5001			TRENCH EXCAV PROTECTION	M	522.500	6.850	3,579.13
0403	5001			TEMPORARY SPL SHORING	M2	120.100	176.950	21,251.70
0432	5001			RIPRAP (CONC) (CL B)	M3	415.000	294.400	122,176.00
0450	5060			RAIL (TY PRL)	M	106.000	122.200	12,953.20
0462	5004	001		CONC BOX CULV (1200 MM X 900 MM)	M	23.000	388.400	8,933.20
0462	5006	001		CONC BOX CULV (1500 MM X 600 MM)	M	54.600	521.000	28,446.60
0462	5014	001		CONC BOX CULV (1800 MM X 1200 MM)	M	84.500	600.000	50,700.00
0464	5005	001		RC PIPE (CL III) (600 MM)	M	26.800	125.000	3,350.00
0464	5061	001		RC PIPE (SEWER) (CL III) (600 MM)	M	507.900	201.000	102,087.90
0464	5063	001		RC PIPE (SEWER) (CL III) (750 MM)	M	172.900	313.450	54,195.51
0464	5065	001		RC PIPE (SEWER) (CL III) (900 MM)	M	62.700	231.650	14,524.46
0465	5033			MANHOLE (COMPL) (TY 2)	EA	5.000	3,416.100	17,080.50
0465	5034			MANHOLE (COMPL) (TY 1)	EA	4.000	2,954.700	11,818.80
0465	5312			INLET (COMPL) (CURB) (TY C)	EA	14.000	4,534.300	63,480.20
0465	5342			INLET (COMPL) (TRAFFIC) (TY X-6)	EA	2.000	12,000.000	24,000.00
0465	5457			INLET (COMPL) (CURB) (TY II) (MOD)	EA	1.000	5,100.000	5,100.00
0465	***			INLET EXT (TY C-E)	EA	4.000	1,500.000	6,000.00
0465	***			INLET (COMPL) (DROP) (TY 3)	EA	1.000	2,600.000	2,600.00
0466	5003	001		WINGWALL (PW-N) (H=600 MM)	EA	2.000	2,400.000	4,800.00
0466	5008	001		WINGWALL (PW-N) (H=2100 MM)	EA	1.000	10,500.000	10,500.00
0466	5306	001		HEADWALL (CH-FW-15) (600 MM)	EA	1.000	1,200.000	1,200.00
0467	5029	002		SET (TY I) (1800 MM X 1200 MM) (1:4) (C)	EA	1.000	3,800.000	3,800.00
0479	5005			ADJ INLET (CAP)	EA	1.000	500.000	500.00
0496	5002			REMOV OLD STR (SMALL)	EA	1.000	1,749.350	1,749.35
0496	5004			REMOV OLD STR (PIPE)	M	144.200	30.750	4,434.15
0496	5005			REMOVE OLD STR (LARGE) (SPL)	EA	1.000	1,275.000	1,275.00
0496	5008			REMOV OLD STR (SMALL) (MANHOLE)	EA	3.000	700.000	2,100.00
0500	5001			MOBILIZATION	LS	0.320	800,000.000	256,000.00
0502	5001	020		BARRICADES, SIGNS AND TRAF HANDLE	MO	10.000	4,328.100	43,281.00
0508	5003			CONSTRUCT DETOURS (CL 3)	M2	763.000	33.300	25,407.90
0512	5012			PORT CTB LOW PRF (MOVE & RESET) (TY I)	M	420.900	5.000	2,104.50
0512	5030			PORT CTB LOW PRF (TY 2) (MOV & RESET)	M	24.400	26.300	641.72
0512	5042			PORT CONC TRF BAR LOW PRF (TY I) REMV	M	530.700	17.000	9,021.90
0512	5043			PORT CONC TRF BAR LOW PRF (TY II) RMV	M	54.900	29.300	1,608.57
0512	5052			PCTB LOW PROF (TY II) (FURN & INST)	M	24.400	122.750	2,995.10
0512	5053			PCTB LOW PROF (TY I) (FURN & INST)	M	207.400	114.750	23,799.15
0512	5054			PRT CTB LW PRF (STKPL, INSTL&TRN) (TY I)	M	457.500	18.000	8,235.00
0512	5055			PRT CTB LW PRF (STKPL, INSTL&TRN) (TYII)	M	54.900	48.000	2,635.20
0529	5027			CONC CURB (ARMOR CURB SLOT)	M	4.000	160.000	640.00
0529	5033			CONC CURB (TY II)	M	3,434.000	9.100	31,249.40
0529	***			CONC CURB (TY C-2)	M	209.000	62.000	12,958.00
0529	***			CONC CURB (TY C-3)	M	62.000	90.000	5,580.00
0529	***			CONC CURB (TY B-1)	M	257.000	92.000	23,644.00
0529	***			CONC CURB (TY B-2)	M	12.000	96.000	1,152.00
0529	***			CONC CURB (TY C-1)	M	108.000	65.000	7,020.00
0530	5010	004		DRVWYS (CONC) (TY 2)	M2	148.000	50.000	7,400.00
0530	5011	004		DRVWYS (CONC) (TY 3)	M2	199.000	50.250	9,999.75
0531	5002	004		CONCRETE SIDEWALKS	M2	3,382.000	39.500	133,589.00
0560	5001			MAILBOX INSTAL (SINGLE)	EA	3.000	125.750	377.25

210 615 6041 P.10/17

TxDOT-CCMO

NOV-15-2004 16:54

LS.DCS.9601

DATE 11/15/04 TIME 12:30:39 PAGE 8

ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0618	5005		CONDUIT (RM) (50 MM)	M	56.000	\$ 37.750	\$ 2,114.00
0618	5011		CONDUIT (PVC) (SCHD 40) (50 MM)	M	1,038.000	14.150	14,687.70
0618	5013		CONDUIT (PVC) (SCHD 40) (75 MM)	M	125.000	29.500	3,717.00
0618	5035		CONDUIT (PVC) (SCHD 40) (BORE) (100 MM)	M	88.000	85.000	7,480.00
0620	5003		ELEC CONDUCTOR (NO. 8) BARE	M	227.000	2.150	488.05
0620	5004		ELEC CONDUCTOR (NO. 6) BARE	M	20.000	1.550	31.00
0624	5001		GROUND BOX TY A (122311) W/APRON	EA	6.000	599.300	3,595.80
0624	5004		GROUND BOX TY D (162922) W/APRON	EA	5.000	599.650	2,998.25
0624	5006		GROUND BOX TY A (122311)	EA	10.000	404.700	4,047.00
0628	5222		ELE SRV TY T(120/240)000 (NS)GS(N)SP(U)	EA	1.000	2,456.000	2,456.00
0636	5001		ALUM SIGNS (TY A)	M2	3.000	195.900	587.70
0644	5042		SMALL RDSO ASSM (SPECIAL)	EA	14.000	315.000	4,410.00
0644	***		SM RD SGN ASSM TY U	EA	44.000	392.500	17,270.00
0649	5002		REMOV SMALL RDSO SGN ASSMS	EA	21.000	73.500	1,543.50
0656	5003		FND FOR TRAF SIG (600 MM DRIL SHFT)	M	2.000	300.850	601.70
0656	5004		FND FOR TRAF SIG (750 MM DRIL SHFT)	M	7.000	497.250	3,480.75
0656	5005		FND FOR TRAF SIG (TYA) (900MM DRIL SHFT)	M	8.000	551.100	4,408.80
0656	5027		TRAF SIG CNTRL FND (CITY TYPE)	EA	1.000	1,783.350	1,783.35
0658	5086		OBJ MRK ASM TY 2 (OM-2SR) (A) BI-DIR	EA	7.000	45.000	315.00
0658	5093		OBJ MRK ASM TY 2 (OM-2HP) (A)	EA	9.000	70.000	630.00
0658	***		OBJ MRK ASM TY4 (OM-4R)		3.000	100.000	300.00
0662	5001	005	WRK ZN PAV MRK REMOV (W) (SLD) (100 MM)	M	710.900	2.950	2,097.16
0662	5003	005	WRK ZN PAV MRK REMOV (W) (DOT) (100 MM)	M	16.000	5.900	94.40
0662	5011	005	WRK ZN PAV MRK REMOV (W) (SLD) (600 MM)	M	53.600	32.000	1,715.20
0662	5023	005	WRK ZN PAV MRK REMOV (Y) (SLD) (100 MM)	M	1,044.900	2.650	2,768.99
0662	5025	005	WRK ZN PAV MRK REMOV (Y) (DOT) (100 MM)	M	31.000	16.500	511.50
0662	5049	005	WRK ZN PAV MRK NON-REMOV (W) (SLD) 100 MM	M	3,314.400	.800	2,651.52
0662	5069	005	WRK ZN PAV MRK NON-REMOV (Y) (SLD) 100 MM	M	4,873.400	1.050	5,117.07
0666	5001	011	REFL PAV MRK TY I (W) (SLD) (100 MM)	M	301.600	1.400	422.24
0666	5002	011	REFL PAV MRK TY I (W) (BRK) (100 MM)	M	588.100	1.150	676.32
0666	5004	011	REFL PAV MRK TY I (W) (SLD) (150 MM)	M	195.000	5.000	975.00
0666	5006	011	REFL PAV MRK TY I (W) (SLD) (200 MM)	M	1,963.800	2.300	4,516.74
0666	5007	011	REFL PAV MRK TY I (W) (BRK) (200 MM)	M	31.200	2.200	68.64
0666	5012	011	REFL PAV MRK TY I (W) (SLD) (600 MM)	M	106.600	17.850	1,902.81
0666	5013	011	REFL PAV MRK TY I (W) (ARROW)	EA	18.000	110.850	1,995.30
0666	5017	011	REFL PAV MRK TY I (W) (WORD)	EA	12.000	133.000	1,596.00
0666	5024	011	REFL PAV MRK TY I (Y) (SLD) (100 MM)	M	2,709.500	1.700	4,606.15
0666	5025	011	REFL PAV MRK TY I (Y) (BRK) (100 MM)	M	72.000	2.050	147.60
0666	5032	011	REFL PAV MRK TY I (Y) (SLD) (600 MM)	M	137.200	21.300	2,922.36
0666	5034	011	REFL PAV MRK TY I (Y) (MED NOSE)	EA	4.000	275.600	1,102.40
0666	5035	011	REFL PAV MRK TY II (W) (SLD) (100 MM)	M	301.600	.850	256.36
0666	5036	011	REFL PAV MRK TY II (W) (BRK) (100 MM)	M	588.100	.700	411.67
0666	5038	011	REFL PAV MRK TY II (W) (SLD) (150 MM)	M	195.000	3.950	770.25
0666	5039	011	REFL PAV MRK TY II (W) (SLD) (200 MM)	M	1,963.800	1.200	2,356.56
0666	5044	011	REFL PAV MRK TY II (W) (SLD) (600 MM)	M	106.600	10.350	1,103.31
0666	5045	011	REFL PAV MRK TY II (W) (ARROW)	EA	18.000	61.750	1,111.50
0666	5049	011	REFL PAV MRK TY II (W) (WORD)	EA	12.000	50.800	609.60
0666	5056	011	REFL PAV MRK TY II (Y) (SLD) (100 MM)	M	2,709.500	1.150	3,115.93
0666	5057	011	REFL PAV MRK TY II (Y) (BRK) (100 MM)	M	72.000	1.450	104.40
0666	5063	011	REFL PAV MRK TY II (Y) (SLD) (600 MM)	M	137.200	12.900	1,769.88
0666	5065	011	REFL PAV MRK TY II (Y) (MED NOSE)	EA	4.000	228.600	914.40
0666	5106	011	REFL PAV MRK TY I (W) (BIKE) (ARROW)	EA	14.000	40.000	560.00
0666	5108	011	REFL PAV MRK TY I (W) (BIKE) (SYMBOL)	EA	14.000	85.000	1,190.00

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0666	5111	011		REFL PAV MRK TY II (W) (BIKE) (ARROW)	EA	14.000	\$ 80.000	\$ 1,120.00
0666	5113	011		REFL PAV MRK TY II (W) (BIKE) (SYMBOL)	EA	14.000	40.000	560.00
0666	5123	011		REFL PAV MRK TY II (W) (BRK) (200 MM)	M	31.200	2.250	70.20
0672	5007	004		RAIS PAV MRKR CL B (REFL) TY I-C	EA	160.000	3.700	592.00
0672	5009	004		RAIS PAV MRKR CL B (REFL) TY II-A-A	EA	322.000	5.400	1,738.80
0677	5001			ELIM EXT PAV MRK & MRKR (100 MM)	M	1,534.300	1.900	2,915.17
0680	5002	004		INSTAL OF HWY TRAF SIG (SYSTEM)	EA	1.000	11,686.550	11,686.55
0681	5001			TEMP TRAF SIGNALS FOR CONSTRUCTION	EA	1.000	21,525.950	21,525.95
0682	5002			VEH SIG SEC (300 MM)	EA	30.000	191.450	5,743.50
0682	5005			PED SIG SEC (2 INDICATIONS IN 1 SEC)	EA	8.000	373.800	2,990.40
0682	5009			BACK PLATE (3 SEC) (300 MM)	EA	10.000	97.250	972.50
0684	5047			TRAF SIG CBL (TY A) (7 CONDR) (14 AWG)	M	213.000	4.050	862.65
0684	5048			TRAF SIG CBL (TY A) (9 CONDR) (14 AWG)	M	156.000	4.250	663.00
0684	5049			TRAF SIG CBL (TY B) (6 PAIR) (19 AWG)	M	1,115.000	7.000	7,805.00
0684	***			TRAF SIG CBL (TY A) (3 CONDR) (14 AWG)	M	302.000	2.750	830.50
0684	***			ILLUMINATION CABLE (3 CNDR) (10 AWG)	M	103.000	4.100	422.30
0686	5011	002		TRAF SIG POLE ASM (STL) 1 ARM (9.8 M)	EA	2.000	3,341.900	6,683.80
0686	5015	002		TRAF SIG POLE ASM (STL) 1 ARM (14.6 M)	EA	2.000	3,985.000	7,970.00
0688	5001			PED DETECT (PUSH BTN)	EA	8.000	140.500	1,124.00
1009	5004			COMPOST MANF TPSL (PB) (CL 2)	M2	6,074.000	3.700	22,473.80
3117	5021	001		HOT MIX (TY A) (BASE)	MGR	16,288.000	35.000	570,080.00
3117	5023	001		HOT MIX (TY B) (BASE)	MGR	5,804.000	65.000	377,260.00
3117	5032	001		HOT MIX (TY C) (SURF) (PG 70-22)	MGR	2,784.000	48.950	136,276.80
4156	5001			FLOWABLE BACKFILL	M3	13.000	110.400	1,435.20
4375	***			SPILL CNTMNT INTRCPT/SEPARAT (STC 1200)	EA	1.000	9,330.000	9,330.00
4375	***			SPILL CNTMNT INTRCPT/SEPARAT (STC 4800)	EA	1.000	22,270.000	22,270.00
5002	5001			ROCK FILTER DAMS (TY 1)	M	20.100	53.850	1,082.39
5002	5002			ROCK FILTER DAMS (REMOV & REPLAC) (TY 1)	M	9.300	42.800	398.04
5002	5003			ROCK FILTER DAMS (REMOV) (TY 1)	M	20.100	13.850	278.39
5002	5004			ROCK FILTER DAMS (TY 2)	M	45.900	46.650	2,141.24
5002	5005			ROCK FILTER DAMS (REMOV & REPLAC) (TY 2)	M	41.400	42.200	1,747.08
5002	5006			ROCK FILTER DAMS (REMOV) (TY 2)	M	45.900	11.500	527.85
5002	5007			ROCK FILTER DAMS (TY 3)	M	25.600	102.000	2,611.20
5002	5008			ROCK FILTER DAMS (REMOV & REPLAC) (TY 3)	M	51.200	58.000	2,969.60
5002	5009			ROCK FILTER DAMS (REMOV) (TY 3)	M	25.600	33.000	844.80
5005	5001			BKHOE WORK (EROSN CONT) (CL 1)	H	83.000	53.000	4,399.00
5006	5001			CONSTRUCT EXIT (TY 1)	M2	60.000	11.400	684.00
5006	5003			CONSTRUCT EXIT (REMOV) (TY 1)	M2	60.000	5.150	309.00
5009	5001			SANDBAGS FOR EROSION CONTROL	EA	128.000	5.200	665.60
5012	5001			TEMP SEDMT CONT FENCE	M	1,150.500	4.900	5,637.45
5012	5002			TEMP SEDMT CONT FENCE (REMOV & REPLAC)	M	830.200	4.400	3,652.88
5012	5003			TEMP SEDMT CONT FENCE (REMOV)	M	1,150.500	1.000	1,150.50
5012	5004			TEMP SD CONT FEN (INLET PROTECTION)	M	35.500	9.200	326.60
5012	5005			TEMP SD CONT FEN (RMV&RPL) (INLET PRCT)	M	35.500	6.600	234.30
5012	5006			TEMP SD CONT FEN (REMOV) (INLET PRCT)	M	35.500	1.250	44.38
5263	5002			COLORLED TEXTURIZED CONCRETE (100 MM)	M2	413.000	45.000	18,585.00
5263	***			COLORLED TEXTURIZED CONCRETE (250 MM)	M2	514.000	95.000	48,830.00
5433	5002			CURB RAMP AND LANDING (TY 2)	EA	17.000	880.000	14,960.00
5433	5006			CURB RAMP AND LANDING (TY 7)	EA	2.000	965.100	1,930.20
5433	5010			CURB RAMP AND LANDING (TY 21)	EA	1.000	1,164.600	1,164.60
8970	***			VIVDS SET-UP SYSTEM	EA	1.000	1,923.600	1,923.60
8970	***			VIVDS CENTRAL CONTROL WORK STATION	EA	1.000	1,105.000	1,105.00
8970	***			VIVDS PROCESSOR SYSTEM	EA	2.000	10,648.000	21,296.00

ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
8970	***		VIVDS CAMERA ASSEMBLY	EA	7.000	2,128.000	14,896.00
8970	***		VIVDS COMMUNICATION CABLE (COAXIAL)	M	302.000	1.900	573.80
8970	***		TEMP VIVDS	EA	1.000	1,105.000	1,105.00
SUBTOTAL \$							2,930,072.04
ENGINEERING AND CONTINGENCIES							336,958.28
TOTAL ROADWAY ITEMS							\$ 3,267,030.32

FUNDED BY CITY OF SAN ANTONIO NET LENGTH 1.126 KILOMETERS

0164	***	002	SUNTURF (CELL FIBER MULCH SEED)	M2	5,816.900	.040	232.68
0170	5001		IRRIGATION SYSTEM	LS	1.000	18,393.000	18,393.00
0180	***		WILDFLOWER SEEDING	M2	1,423.000	.060	85.38
0192	5041	012	LANTANA (CTR NM 1)	EA	189.000	5.300	1,001.70
0192	5043	012	MUHLI GRASS (CTR NM 1)	EA	90.000	5.700	513.00
0192	5051	012	PRICKLY PEAR (CTR NM 1)	EA	16.000	7.320	117.12
0192	5058	012	TURKS CAP (CTR NM 1)	EA	36.000	6.510	234.36
0192	5070	012	AGARITA (CTR NM 5)	EA	17.000	26.080	443.36
0192	5117	012	SOTOL (CTR NM 5)	EA	25.000	17.200	430.00
0192	***	012	PRARIE FLAMELEAF		9.000	17.200	154.80
0192	5120	012	TECOMA STANS (CTR NM 5)	EA	7.000	7.160	50.12
0192	5163	012	CEDAR ELM (MIN 100 MM CAL) (B&B)	EA	3.000	460.000	1,380.00
0192	5198	012	LIVE OAK (MIN 100 MM CAL) (B&B)	EA	9.000	700.000	6,300.00
0192	***	012	EASTERN GAMAGRASS (CTR NM 1)	EA	25.000	6.510	162.75
0192	***	012	STIPA GRASS (CTR NM 1)	EA	218.000	6.510	1,419.18
0192	***	012	BUTTON BUSH (CTR NM 1)	EA	17.000	6.920	117.64
0192	***	012	FLAME ACANTHUS (CTR NM 1)	EA	65.000	6.510	423.15
0192	***	012	NATIVE BARK MULCH	M3	40.200	65.000	2,613.00
0192	***	012	TEXAS PERSIMMON (CTR NM 15)	EA	18.000	167.310	3,011.58
0192	***	012	TEXAS LANTANA (CTR NM 1)	EA	32.000	5.700	182.40
0192	***	012	LACEY OAK (MIN 80 MM CAL) (B&B)	EA	3.000	501.820	1,505.46
0192	***	012	SILK TASSEL (CTR NM 15)	EA	2.000	160.390	320.78
0192	***	012	MEXICAN REDBUD (CTR NM 15)	EA	9.000	167.310	1,505.79
0192	***	012	TEXAS MT LAUREL (CTR NM 15)	EA	3.000	89.990	269.97
0192	***	012	EVERGREEN SUMAC (CTR NM 5)	EA	8.000	17.200	137.60
0192	***	012	ZEXMENIA (CTR NM 1)	EA	55.000	6.510	358.05
1009	5004		COMPOST MANF TPSL (PB) (CL 2)	M2	1,173.810	3.700	4,343.10
1009	5004		TOPSOIL (15 CM)	M3	1,173.810	3.700	4,343.10
0192	***	012	GARDENVILLE COMPOST MIX	M3	40.200	98.000	3,939.60
SUBTOTAL \$							49,645.57
ENGINEERING AND CONTINGENCIES							5,709.24
TOTAL FUNDED BY CITY OF SAN ANTONIO							\$ 55,354.81

SAN ANTONIO WATER SYSTEM SEWER NET LENGTH .001 KILOMETERS

0500	5001		MOBILIZATION	LS	0.015	800,000.000	12,000.00
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ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
5137	5001		SAN SEW (ADJUST MANHOLE)	EA	1.000	\$ 787.000	\$ 787.00
5137	5002		SAN SEW (TRENCH EXCAV PROTECTION)	M	479.800	3.000	1,439.40
5137	5009		SAN SEW MANH (COMPL) (WTR TIGHT)	EA	9.000	2,432.000	21,888.00
5137	5024		SAN SEW MANH (DROP) (WTR TIGHT) (COMPL)	EA	2.000	2,040.000	4,080.00
5137	5029		SAN SEW (200 MM PVC) (SDR 26)	M	419.300	103.380	43,347.23
5137	5053		SAN SEWER (525 MM) (PVC)	M	59.700	250.000	14,925.00
5137	5053		SAN SEW (525 MM)	M	59.700	250.000	14,925.00
5324	5005		CUT & REPLACE ASPH PAVEMENT	M2	138.400	39.750	5,501.40
5324	***		FLOWABLE BACKFILL	M3	124.600	25.000	3,115.00
SUBTOTAL \$							107,083.03
ENGINEERING AND CONTINGENCIES							12,314.55
TOTAL SAN ANTONIO WATER SYSTEM SEWER \$							119,397.58

SAN ANTONIO WATER SYSTEM WATER NET LENGTH 1.126 KILOMETERS

0500	5001		MOBILIZATION	LS	0.031	800,000.000	24,800.00
5324	5004		ADJUST EXIST VALVE BOX	EA	1.000	659.000	659.00
5324	5005		CUT & REPLACE ASPH PAVEMENT	M2	871.500	39.750	34,642.13
5324	5006		TRENCH EXCAVATION PROTECTION	M	825.000	2.850	2,351.25
5324	5013		GATE VALVE AND BOX (150 MM)	EA	3.000	601.500	1,804.50
5324	5014		GATE VALVE AND BOX (200 MM)	EA	6.000	866.500	5,199.00
5324	5016		TIE-IN (MAIN) (150 MM)	EA	3.000	753.600	2,260.80
5324	5017		TIE-IN (MAIN) (200 MM)	EA	5.000	1,203.100	6,015.50
5324	5018		TIE-IN (MAIN) (300 MM)	EA	2.000	1,410.000	2,820.00
5324	5020		STD FIRE HYDRANT W/150 MM VALVE & BOX	EA	1.000	2,472.000	2,472.00
5324	5023		TEMP BLOW-OFF (50 MM)	EA	7.000	985.000	6,895.00
5324	5026		HYDROSTATIC PRESSURE TEST	EA	4.000	822.200	3,288.80
5324	5031		RELAY SHRT SERV (NEW MAIN) (19 MM)	EA	1.000	680.000	680.00
5324	5038		DUCTILE-IRON FITTINGS	KG	6,129.000	2.800	17,161.20
5324	5046		NEW METER BOX	EA	1.000	120.000	120.00
5324	5062		FLOWABLE BACKFILL	M3	784.400	25.000	19,610.00
5324	5051		GATE VALVE AND BOX (300 MM)	EA	2.000	1,278.000	2,556.00
5324	5058		PIPE WATER MAIN (DI) (500 MM)	M	203.000	278.870	56,610.61
5324	5059		TIE-IN (MAIN) (500 MM)	EA	2.000	2,888.000	5,776.00
5324	5061		AUTOMATIC AIR RELEASE VALVE (50 MM)	EA	1.000	1,800.000	1,800.00
5324	5063		BUTTERFLY VALVE AND BOX (500 MM)	EA	2.000	6,000.000	12,000.00
5324	5074		TEMP BLOW-OFF (100 MM)	EA	1.000	3,800.000	3,800.00
5324	5118		PIPE WATER MAIN (PVC) (150 MM)	M	52.000	116.800	6,073.60
5324	5119		PIPE WATER MAIN (PVC) (200 MM)	M	432.000	87.200	37,670.40
5324	5120		PIPE WATER MAIN (PVC) (300 MM)	M	138.000	100.000	13,800.00
5324	***		CUT-IN-TREE (200 MM X 200 MM)	EA	1.000	2,050.000	2,050.00
SUBTOTAL \$							272,915.79
ENGINEERING AND CONTINGENCIES							31,385.32
TOTAL SAN ANTONIO WATER SYSTEM WATER \$							304,301.11

BRIDGES

NO PROJECT LENGTH

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
BRIDGE # 1								
STRUCT NO. 1 ON TEZEL AT TRIB A OF CULEBRA CREEK								
0110	5002			EXCAVATION (CHAN)	M3	1,028.000	\$ 5.400	\$ 5,551.20
0432	5001			RIPRAP (CONC) (CL B)	M3	300.000	294.400	88,320.00
0450	5060			RAIL (TY PR1)	M	93.000	122.200	11,364.60
0462	5033			CONC BOX CULV (3000 MM X 1800 MM)	M	143.500	1,309.500	187,913.25
0466	5056			WINGWALL (FW-15) (H=3000 MM)	EA	1.000	7,800.000	7,800.00
0466	***			WINGWALL (PW-15) SPECIAL	EA	1.000	15,000.000	15,000.00
0496	5011			REMOV OLD STR (LARGE) (BOX CULV)	EA	1.000	4,465.000	4,465.00
SUBTOTAL \$								320,414.05
ENGINEERING AND CONTINGENCIES								36,847.62
TOTAL BRIDGES \$								357,261.67

FUNDED BY CITY OF SAN ANTONIO

NO PROJECT LENGTH

0110	5002			EXCAVATION (CHAN)	M3	8.240	5.400	44.50
0462	5013	002		CONC BOX CULV (1800 MM X 900 MM)	M	114.800	594.700	68,271.56
SUBTOTAL \$								68,316.06
ENGINEERING AND CONTINGENCIES								7,856.35
TOTAL FUNDED BY CITY OF SAN ANTONIO \$								76,172.41

FUNDED BY CITY PUBLIC SERVICE GAS

NO PROJECT LENGTH

0500	5001			MOBILIZATION	LS	0.010	800,000.000	8,000.00
5321	5004			NGP (SHRT SERV) (NEW MAIN TO PROP)	EA	1.000	1,200.000	1,200.00
5321	5008			NGP (TRENCH EXCAVATION PROTECTION)	M	670.180	6.500	4,356.17
5321	5009			NGP (MAIN) (PLASTIC W/TRACER) (50 MM)	M	4.900	145.300	711.97
5321	5010			NGP (MAIN) (PLASTIC W/TRACER) (100 MM)	M	74.400	84.400	6,279.36
5321	5016			NGP (STL GATE VALV) (50 MM OR 100 MM)	EA	1.000	700.000	700.00
5321	5032			NGP (FLOWABLE BACKFILL)	M3	62.680	92.000	5,766.56
5321	***			NGP (MAIN) (PLASTIC W/TRACER) (200 MM)	M	590.880	143.500	84,791.28
5321	***			NGP (REMOVE MAIN) (STEEL) (200 MM)	M	72.300	216.500	15,652.95
SUBTOTAL \$								127,458.29
ENGINEERING AND CONTINGENCIES								14,657.70
TOTAL FUNDED BY CITY PUBLIC SERVICE GAS \$								142,115.99

SUMMARY: CONTROL 0915-12-299 PROJECT STP 2003(419)MM

	ESTIMATED COST	LENGTH
ROADWAY ITEMS	\$ 5,885,763.60	1.975
CONTRACTOR FORCE ACCOUNT WORK (PART)	\$ 31,000.00	
CITY FORCE ACCOUNT WORK (PART)	\$ 12,000.00	

210 615 6041 P.14/17

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CONTROL 0915-12-299 PROJECT STP 2003(419)MM			
SAN ANTONIO WATER SYSTEM SEWER	\$	29,862.35	.001
SAN ANTONIO WATER SYSTEM WATER	\$	1,053,206.23	1.985
BRIDGES	\$	151,155.44	.000
CONTR BID ITEMS			
TOTAL CONTROL	\$	6,443,427.71	
		7,162,987.62	3.961

UNDING TOTALS

APPN-CODE	APPL-PCT	TOTAL-PROJ-COST	FED-PERCENT	FEDERAL-FUNDS	STA-PERCENT	STATE-FUNDS	LOC-PERCENT	LOCAL-FUNDS
Q23	100.0	\$ 7,162,987.62	80.0	\$ 5,730,390.09	0.0	\$ 0.00	20.0	\$ 1,432,597.52

CONTROL 0915-12-300 PROJECT STP 2003(419)MM								
ROADWAY ITEMS	\$	3,267,030.32						1.126
FUNDED BY CITY OF SAN ANTONIO	\$	55,354.81						1.126
SAN ANTONIO WATER SYSTEM SEWER	\$	119,397.58						.001
SAN ANTONIO WATER SYSTEM WATER	\$	304,301.11						1.126
BRIDGES	\$	357,261.67						.000
FUNDED BY CITY OF SAN ANTONIO	\$	76,172.41						.000
FUNDED BY CITY PUBLIC SERVICE GAS	\$	142,115.99						.000
CONTR BID ITEMS				\$	3,875,904.83			
TOTAL CONTROL	\$	4,321,633.89						3.379

UNDING TOTALS

APPN-CODE	APPL-PCT	TOTAL-PROJ-COST	FED-PERCENT	FEDERAL-FUNDS	STA-PERCENT	STATE-FUNDS	LOC-PERCENT	LOCAL-FUNDS
Q23	100.0	\$ 4,321,633.89	80.0	\$ 3,457,307.11	0.0	\$ 0.00	20.0	\$ 864,326.77

TOTAL PROJECT	\$	11,484,621.51						7.340
TOTAL BID ITEMS	\$	10,319,332.54						

CONTRACT SUMMARY

15-12-299 STP 2003(419)MM

ROADWAY ITEMS
CONTRACTOR FORCE ACCOUNT WORK (PART)
CITY FORCE ACCOUNT WORK (PART)
SAN ANTONIO WATER SYSTEM SEWER
SAN ANTONIO WATER SYSTEM WATER
BRIDGES

TOTAL 0915-12-299

ESTIMATED COST

LENGTH

\$	5,885,763.60	✓
\$	31,000.00	✓
\$	12,000.00	✓
\$	29,862.35	
\$	1,053,206.23	
\$	151,155.44	✓

\$ 7,162,987.62

9,704,211.03
20%

1.975

.001

1.985

.000

3.961

1,940,842.21
+ 131,527.22 → 100% funded by cost

15-12-300 STP 2003(419)MM

ROADWAY ITEMS
FUNDED BY CITY OF SAN ANTONIO
SAN ANTONIO WATER SYSTEM SEWER
SAN ANTONIO WATER SYSTEM WATER
BRIDGES
FUNDED BY CITY OF SAN ANTONIO
FUNDED BY CITY PUBLIC SERVICE GAS

TOTAL 0915-12-300

\$	3,267,030.32	✓
\$	55,354.81	
\$	119,397.58	
\$	304,301.11	
\$	357,261.67	✓
\$	76,172.41	
\$	142,115.99	

\$ 4,321,633.89

2,072,349.43
+ 40,051.02 PE

1.126

1.126

.001

1.126

.000

.000

.000

2,112,420.45

3.379

- 32,176.00 in escrow

TOTAL BID ITEMS \$ 10,319,332.54
ENGINEERING AND CONTINGENCIES 1,122,288.97
TOTAL MISCELLANEOUS COST 43,000.00

TOTAL COST

\$ 11,484,621.51

2,080,244.45^{7.340}owed by cost
prior to letting

210 615 6041 P.16/17

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TxDOT-CCMO

210 615 6041

P.17/17

IS.DCS.9601

TEXAS DEPARTMENT OF TRANSPORTATION

CONTRACT SUMMARY

CONTRACT NUMBER	PROJECT NUMBER	COUNTY		TOTAL BID		TOTAL BID + E&C
01053208	STP 2003 (419)MM, ETC.	015	\$	10,319,332.54	\$	11,506,055.78
TOTALS			\$	10,319,332.54	\$	11,506,055.78

TOTAL P.17