

**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: McCullough – UPRR to Basse

DATE: December 16, 2004

SUMMARY AND RECOMMENDATIONS

This ordinance authorizes funds in the amount of \$395,776.29 payable to the Texas Department of Transportation (TxDOT), authorizes \$59,366.44 for Construction Contingency, \$22,275.00 for Engineering Contingency, and \$9,548.35 for Capital Administrative Costs, for a total amount of \$486,966.08 in connection with the McCullough - UPRR to Basse project, an authorized 1999-2004 General Obligation Street Improvement Bond and Metropolitan Planning Organization (MPO) funded project, located in Council District 1.

Staff recommends approval of this ordinance.

BACKGROUND INFORMATION

This project will provide for the reconstruction of McCullough from Union Pacific Railroad (UPRR) to Basse Road and will include the addition of a center turn lane, curbs, 6-foot sidewalks at the curb, necessary drainage improvements and 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 in April 2005, and to be completed in January 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 partially funded in the FY 05-10 Capital Improvement Program Budget. Of the total amount of \$486,966.08, funds in the amount of \$242,966.08 are available from Certificates of Obligation, funds in the amount of \$244,000.00 are available from 1999-2004 General Obligation Street Improvement Bond funds, and are authorized payable as follows:

\$ 395,776.29	payable to TxDOT for estimated Construction/Engineering costs
\$ 59,366.44	payable for Construction Contingency
\$ 22,275.00	payable for Engineering Contingency
\$ 9,548.35	payable for Capital Programs Administrative Costs

COORDINATION

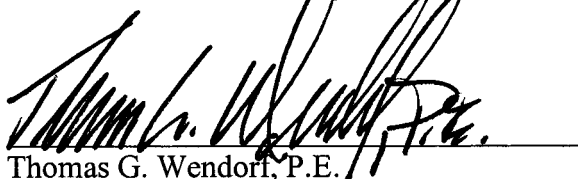
The request for ordinance has been coordinated with the Office of Management and Budget, the Finance Department, and TxDOT.

SUPPLEMENTARY COMMENTS

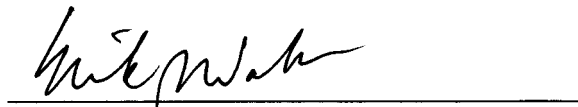
A Discretionary Contracts Disclosure form is not required.

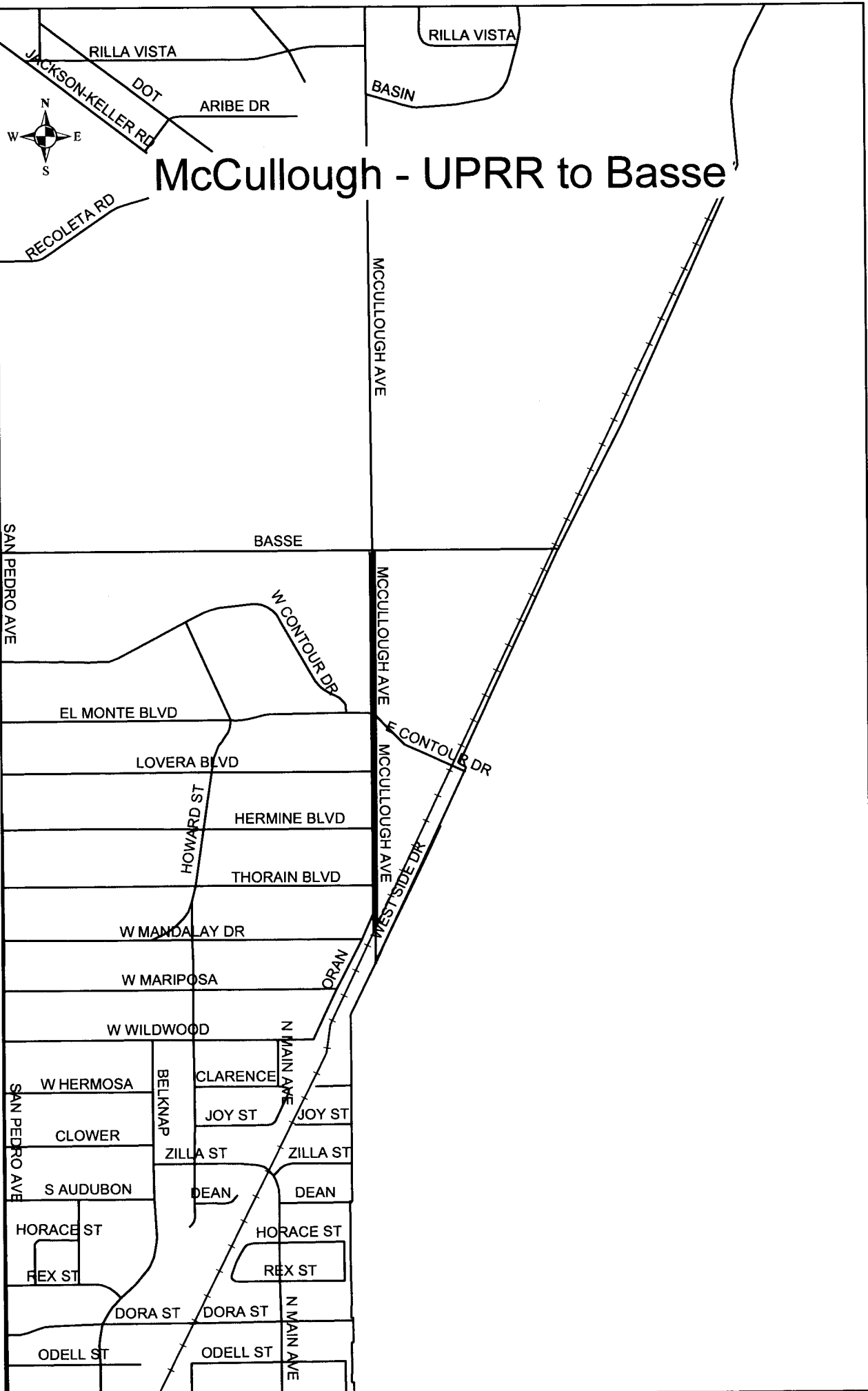
ATTACHMENTS

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

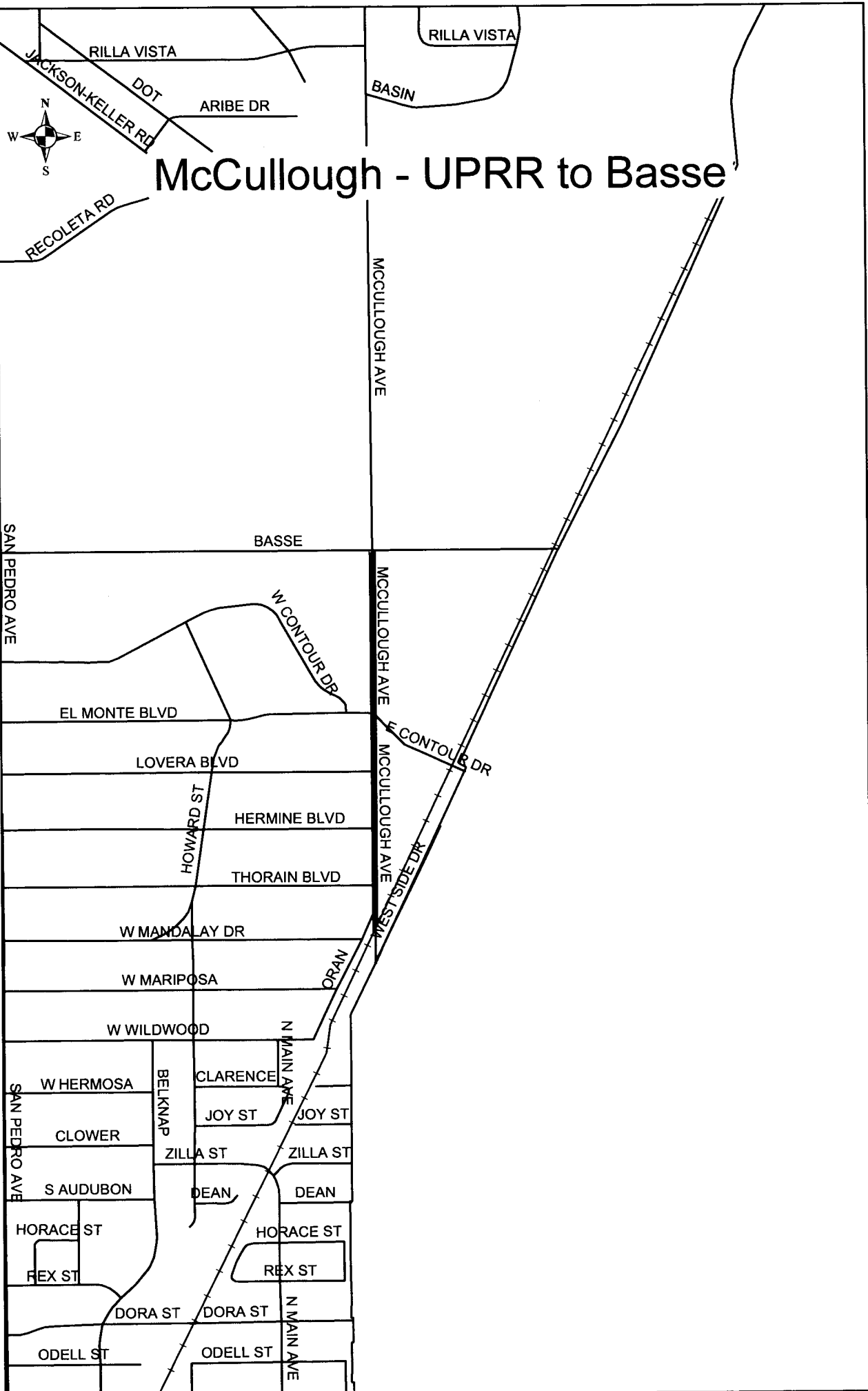

Thomas G. Wendorf, P.E.
Director of Public Works

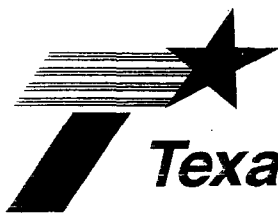

Melissa Byrne Vossmer
Assistant City Manager


J. Rolando Bono
Interim City Manager



McCullough - UPRR to Basse





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: 0915-12-364
Project: STP 99(798)MM
County: Bexar
Highway: McCullough

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 \$395,776.29 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. Saldaña, PE
for CCMO Manager

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

C084

IS.DCS.9601

DATE 11/15/04 TIME 12:30:55 PAGE 1

ONTRACT NO. 01053021
 ROJECT STP 99(798)MM
 ONTROL 0915-12-364
 IGHWAY CS
 OUNTY BEXAR
 ISTRIC 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 BEXAR CONTROL 0915-12-364 LENGTH .729 STP 99(798)MM

TYPE: GRAD,BASE,SURF & STRS
 LIMITS FROM: ON MCCULLOUGH FROM UNION PACIFIC
 TO : TO BASSE ROAD

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

ROADWAY ITEMS NET LENGTH .729 MILES

0100	0502		PREP ROW	STA	35.930	\$	1,500.000	\$	53,895.00
0110	0501		EXCAVATION (RDWY)	CY	8,216.000		8.600		70,657.60
0110	0502		EXCAVATION (CHAN)	CY	296.300		9.800		2,903.74
0132	0518		EMBANK (ORD COMP) (TY B) (CL 3)	CY	30.000		12.000		360.00
0162	0504	001	STRAW OR HAY MULCH	SY	2,000.000		.200		400.00
0162	0508	001	BLOCK SOD (BERMUDA)	SY	2,062.400		2.900		5,980.96
0164	0565	006	DRILL SEED (PERM) (URBAN) (CLAY)	SY	2,727.600		.280		763.73
0164	0609	006	DRILL SEED (TEMP) (WARM OR COOL)	SY	5,111.600		.230		1,175.67
0168	0501		VEGETATIVE WATERING	MG	197.000		22.850		4,501.45
0169	0511	002	SOIL RET BLNKT (CL 2) (TY E)	SY	321.600		2.600		836.16
0192	0767	022	CEDAR ELM (MIN 4" CAL) (CNTR)	EA	3.000		380.000		1,140.00
0192	0811	022	LIVE OAK (MIN 4" CAL) (CNTR)	EA	3.000		580.000		1,740.00
0192	0822	022	MONTERREY OAK (MIN 3" CAL) (CNTR)	EA	7.000		360.000		2,520.00
0260	0504	001	LIME (TY C) (SLURRY)	TON	100.000		100.000		10,000.00
0260	0505	001	LIME TREAT SUBGR (DC) (6 ")	SY	15,361.000		2.000		30,722.00
0310	0501		ASPH MATRL (MC-30)	GAL	271.000		1.800		487.80
0354	0503		PLAN ASPH CONC PAV (2 IN)	SY	1,355.000		1.650		2,235.75
0400	0510		CUT AND RESTORING PAV (ASPH)	SY	554.000		48.000		26,592.00
0402	0501		TRENCH EXCAV PROTECTION	LF	2,195.000		4.850		10,645.75
0432	0524		RIPRAP (CONC) (CL B) (4 IN)	CY	1.910		350.000		668.50
0462	0507	003	CONC BOX CULV (5 FT X 3 FT)	LF	93.610		309.000		28,925.49
0464	0505	003	RC PIPE (CL III) (24 ")	LF	1,615.180		41.300		66,706.93
0464	0507	003	RC PIPE (CL III) (30 IN)	LF	423.500		65.500		27,739.25
0464	0509	003	RC PIPE (CL III) (36 IN)	LF	636.660		82.300		52,397.12
0464	0510	003	RC PIPE (CL III) (42 IN)	LF	865.520		95.000		82,224.40
0464	0618	003	RC PIPE (ARCH) (CL III) (DES 6)	LF	295.000		155.000		45,725.00
0465	0555		MANH (COMPL) (TY 1)	EA	10.000		3,030.000		30,300.00

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0465	0556			MANH (COMPL) (TY 2)	EA	7.000	\$ 3,240.000	\$ 22,680.00
0465	0570			INLET (COMPL) (TY I) (10')	EA	13.000	3,540.000	46,020.00
0465	0748			MANH (COMPL) (TY 3)	EA	1.000	4,378.000	4,378.00
0465	0754			INLET (COMPL) (TRAFFIC) (TY X-1)	EA	1.000	3,685.000	3,685.00
0465	3707			INLET EXT (TY II-E)	EA	7.000	3,750.000	26,250.00
0465	***			INLET (COMPL) (TY I) (30 FT)	EA	1.000	4,000.000	4,000.00
0467	0581	009		SAFE END TRT (TY II) (24 IN) (RCP) (6:1)	EA	3.000	725.000	2,175.00
0496	0503			REMOV OLD STR (PIPE)	EA	1.000	580.000	580.00
0500	0501			MOBILIZATION	LS	0.827	148,855.500	123,103.50
0502	0501	027		BARRICADES, SIGNS AND TRAF HANDLE	MO	15.000	4,000.000	60,000.00
0512	0536	001		PORT CTB (LOW PRF TY 2) (MOVE & RESET)	LF	320.000	7.800	2,496.00
0512	0545	001		PORT CONC TRF BAR (LOW PRF TY 1) (REMOV)	LF	1,120.000	7.750	8,680.00
0512	0546	001		PORT CTB (LOW PRF TY 1) (FURN & INSTL)	LF	1,120.000	32.500	36,400.00
0512	0547	001		PORT CTB (LOW PRF TY 2) (FURN & INSTL)	LF	400.000	36.000	14,400.00
0512	0548	001		PORT CTB (LOW PRF TY 1) (MOVE & RESET)	LF	960.000	6.550	6,288.00
0512	0549	001		PORT CTB (LOW PRF TY 2) (REMOVE)	LF	400.000	9.000	3,600.00
0529	0526			CONC CURB (TY A)	LF	5,572.000	7.750	43,183.00
0529	0549			CONC CURB (TY E)	LF	100.000	95.000	9,500.00
0530	0501	012		DRVWYS (CONC) (6 ")	SY	473.000	44.200	20,906.60
0531	0502	018		CONCRETE SIDEWALKS	SY	2,592.000	29.500	76,464.00
0618	0511			CONDUIT (PVC) (SCHD 40) (2 ")	LF	310.000	7.000	2,170.00
0618	0513			CONDUIT (PVC) (SCHD 40) (3 ")	LF	332.000	7.600	2,523.20
0620	0503			ELEC CONDUCTOR (NO. 8) BARE	LF	580.000	.600	348.00
0620	0509			ELEC CONDUCTOR (NO. 8) INSULATED	LF	914.000	.750	685.50
0620	0510			ELEC CONDUCTOR (NO. 6) INSULATED	LF	28.000	.950	26.60
0624	0501			GROUND BOX TY A (122311) W/APRON	EA	4.000	642.000	2,568.00
0624	0504			GROUND BOX TY D (162922) W/APRON	EA	4.000	620.000	2,480.00
0628	0783			ELC SRV TY T(120/240)000 (NS)GS(N)SP(0)	EA	1.000	2,510.000	2,510.00
0636	0501			ALUM SIGNS (TY A)	SF	102.400	20.000	2,048.00
0644	0614			SM RD SGN ASSM TY 10BWG(1)SA(P)	EA	16.000	325.000	5,200.00
0644	0618			SM RD SGN ASSM TY 10BWG(1)SA(T)	EA	1.000	425.000	425.00
0656	0533			TRAF SIG CNTRL FND (CITY TYPE)	EA	1.000	1,260.000	1,260.00
0656	0542			FND FOR TRAF SIG (TY A) (36IN DR SH)	LF	52.800	168.200	8,880.96
0658	0562			OBJ MRK ASM TY 2 (OM-2SR) (A)	EA	3.000	42.200	126.60
0662	0501	007		WRK ZN PAV MRK REMOV (W) (4") (SLD)	LF	4,481.000	.960	4,301.76
0662	0502	007		WRK ZN PAV MRK REMOV (W) (4") (BRK)	LF	80.000	1.160	92.80
0662	0503	007		WRK ZN PAV MRK REMOV (W) (4") (DOT)	LF	142.000	1.500	213.00
0662	0507	007		WRK ZN PAV MRK REMOV (W) (8") (SLD)	LF	682.000	1.800	1,227.60
0662	0523	007		WRK ZN PAV MRK REMOV (Y) (4") (SLD)	LF	8,546.000	.960	8,204.16
0662	0532	007		WRK ZN PAV MRK REMOV (Y) (24") (SLD)	LF	265.000	10.780	2,856.70
0662	0549	007		WRK ZN PAV MRK NON-REMOV (W) (4") (SLD)	LF	2,275.000	.270	614.25
0662	0569	007		WRK ZN PAV MRK NON-REMOV (Y) (4") (SLD)	LF	459.000	.270	123.93
0662	0581	007		WRK ZN PAV MRK SH TRM (TAB) TY W	EA	1,100.000	1.070	1,177.00
0662	0582	007		WRK ZN PAV MRK SH TRM (TAB) TY Y	EA	770.000	1.140	877.80
0666	0502	042		REFL PAV MRK TY I (W) (4") (BRK)	LF	560.000	.390	218.40
0666	0503	042		REFL PAV MRK TY I (W) (4") (DOT)	LF	141.000	.920	129.72
0666	0506	042		REFL PAV MRK TY I (W) (8") (SLD)	LF	640.000	.800	512.00
0666	0512	042		REFL PAV MRK TY I (W) (24") (SLD)	LF	822.000	5.500	4,521.00
0666	0513	042		REFL PAV MRK TY I (W) (ARROW)	EA	24.000	91.700	2,200.80
0666	0517	042		REFL PAV MRK TY I (W) (WORD)	EA	8.000	121.300	970.40
0666	0521	042		REFL PAV MRK TY I (W) (RR XING)	EA	2.000	310.000	620.00
0666	0524	042		REFL PAV MRK TY I (Y) (4") (SLD)	LF	7,220.000	.400	2,888.00
0666	0525	042		REFL PAV MRK TY I (Y) (4") (BRK)	LF	1,080.000	.350	378.00

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0666	0532	042		REFL PAV MRK TY I (Y) (24") (SLD)	LF	132.000	\$ 5.900	\$ 778.80
0666	0534	042		REFL PAV MRK TY I (Y) (MED NOSE)	EA	2.000	190.000	380.00
0666	0536	042		REFL PAV MRK TY II (W) (4") (BRK)	LF	560.000	.280	156.80
0666	0537	042		REFL PAV MRK TY II (W) (4") (DOT)	LF	141.000	.550	77.55
0666	0539	042		REFL PAV MRK TY II (W) (8") (SLD)	LF	640.000	.410	262.40
0666	0544	042		REFL PAV MRK TY II (W) (24") (SLD)	LF	822.000	2.600	2,137.20
0666	0545	042		REFL PAV MRK TY II (W) (ARROW)	EA	24.000	39.800	955.20
0666	0549	042		REFL PAV MRK TY II (W) (WORD)	EA	8.000	50.750	406.00
0666	0553	042		REFL PAV MRK TY II (W) (RR XING)	EA	2.000	144.000	288.00
0666	0556	042		REFL PAV MRK TY II (Y) (4") (SLD)	LF	7,220.000	.320	2,310.40
0666	0557	042		REFL PAV MRK TY II (Y) (4") (BRK)	LF	1,080.000	.220	237.60
0666	0563	042		REFL PAV MRK TY II (Y) (24") (SLD)	LF	132.000	2.200	290.40
0666	0565	042		REFL PAV MRK TY II (Y) (MED NOSE)	EA	2.000	81.600	163.20
0672	0507	012		RAIS PAV MRKR CL B (REFL) TY I-C	EA	74.000	4.850	358.90
0672	0509	012		RAIS PAV MRKR CL B (REFL) TY II-A-A	EA	260.000	4.750	1,235.00
0677	0501			ELIM EXT PAV MRK & MRKR (4")	LF	1,240.000	.750	930.00
0680	0501	007		INSTAL OF HWY TRAF SIG (ISOLATED)	EA	1.000	9,000.000	9,000.00
0681	0501			TEMP TRAF SIGNALS FOR CONSTRUCTION	EA	1.000	25,000.000	25,000.00
0682	0502			VEH SIG SEC (12 IN)	EA	54.000	151.250	8,167.50
0682	0505			PED SIG SEC (2 INDICATIONS IN 1 SEC)	EA	8.000	356.000	2,848.00
0682	0509			BACK PLATE (3 SEC) (12 IN)	EA	8.000	69.000	552.00
0682	0511			BACK PLATE (5 SEC) (12 IN)	EA	6.000	95.000	570.00
0684	0547			TRAF SIG CBL (TY A) (7 CONDR) (14 AWG)	LF	688.000	1.200	825.60
0684	0548			TRAF SIG CBL (TY A) (9 CONDR) (14 AWG)	LF	480.000	1.300	624.00
0686	0514	003		TRAF SIG POLE ASM (STL) 1 ARM (44 FT)	EA	4.000	3,850.000	15,400.00
0688	0501			PED DETECT (PUSH BTN)	EA	8.000	117.300	938.40
1023	***			TREE PROTECTION (PROTECTIVE FENCE)	LF	120.000	3.250	390.00
1058	0505	002		COMPOST MANF TOPSOIL (BOS) (6")	SY	5,566.400	1.000	5,566.40
1201	0501			12 IN LED TRF SIGNAL LAMP (RED BALL)	EA	14.000	168.000	2,352.00
1201	0502			12 IN LED TRF SIGNAL LAMP (YELLOW BALL)	EA	14.000	187.000	2,618.00
1201	0503			12 IN LED TRF SIGNAL LAMP (GREEN BALL)	EA	14.000	290.000	4,060.00
1201	0504			12 IN LED TRF SIGNAL LAMP (YEL ARW)	EA	6.000	158.000	948.00
1201	0505			12 IN LED TRF SIGNAL LAMP (GRN ARW)	EA	6.000	213.000	1,278.00
3146	0546	029		HOT MIX (TY C) (SURF) (PG 70-22)	TON	1,718.000	38.300	65,799.40
3146	0565	029		HOT MIX (TY C) (PG 64-22)	TON	1,569.000	41.300	64,799.70
3146	0568	029		HOT MIX (TY A) (PG 64-22)	TON	6,759.000	36.300	245,351.70
3637	0501			LAPTOP MICROCOMPUTER	EA	1.000	2,000.000	2,000.00
3637	0502			PRINTER	EA	1.000	800.000	800.00
3637	0503			INTERNET SERVICE PROVIDER	EA	1.000	1,000.000	1,000.00
5005	0501			ROCK FILTER DAMS (TY 1)	LF	68.000	20.600	1,400.80
5005	0502			ROCK FILTER DAMS (REMOV & REPLAC) (TY 1)	LF	68.000	17.000	1,156.00
5005	0503			ROCK FILTER DAMS (REMOV) (TY 1)	LF	68.000	8.500	578.00
5010	0501			CONSTRUCT EXIT (TY 1)	SY	45.000	13.750	618.75
5010	0503			CONSTRUCT EXIT (REMOV) (TY 1)	SY	45.000	6.000	270.00
5107	***			REMOVE AND REPLACE CHAIN LINK FENCE	LF	150.000	14.000	2,100.00
5145	0501			SANDBAGS FOR EROSION CONTROL	EA	70.000	6.750	472.50
5249	0501			TEMP SEDMT CONT FENCE	LF	725.000	3.500	2,537.50
5249	0502			TEMP SEDMT CONT FENCE (REMOVE & REPLAC)	LF	725.000	3.000	2,175.00
5249	0503			TEMP SEDMT CONT FENCE (REMOV)	LF	725.000	1.300	942.50
5249	0504			TEMP SDMT CONT FEN (INLET PROTECT)	LF	100.000	3.800	380.00
5249	0505			TEMP SD CONT FEN (RMV&RPL) (INLET PRCT)	LF	100.000	3.500	350.00
5249	0506			TEMP SDMT CONT FEN (REMOV) (INLET PRCT)	LF	100.000	1.200	120.00
5788	0501			LANDSCAPE PAVERS	SF	1,002.000	8.500	8,517.00

ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
5866	0502		CURB RAMP AND LANDING (TY 2)	EA	18.000	\$ 1,000.000	\$ 18,000.00
5866	0507		CURB RAMP AND LANDING (TY 8)	EA	1.000	1,075.000	1,075.00
6010	0501		SALV TRAF SIGNALS	EA	1.000	1,820.000	1,820.00
8970	0501	001	VIVDS PROCESSOR SYSTEM	EA	1.000	14,000.000	14,000.00
8970	0502	001	VIVDS CAMERA ASSEMBLY	EA	9.000	1,800.000	16,200.00
8970	0503	001	VIVDS SET-UP SYSTEM	EA	1.000	2,700.000	2,700.00
8970	0505	001	VIVDS COMMUNICATION CABLE (COAXIAL)	LF	1,376.000	3.500	4,816.00

SUBTOTAL \$ 1,692,497.78
ENGINEERING AND CONTINGENCIES 194,637.24

TOTAL ROADWAY ITEMS \$ 1,887,135.02

CONTRACTOR FORCE ACCOUNT WORK (PART)

FURNISH CELLULAR PHONES	LS	1.000	\$ 2,000.00
FURN OFFICER(S) & CRUISER(S)	LS	1.000	\$ 2,500.00
FURN COMPOST TESTING	LS	1.000	\$ 600.00

TOTAL \$ 5,100.00

CITY FORCE ACCOUNT WORK (PART)

1.000 13,475.00

TOTAL \$ 13,475.00

CPS(NOT INCLUDED IN ABOVE ESTIMATE) NO PROJECT LENGTH

CITY PUBLIC SERVICE (CPS)

GAS ADJUSTMENTS

THROUGHOUT PROJECT LIMITS

0402	0511		TRENCH EXCAV PROTECTION (GASLINE)	LF	90.000	\$ 5.000	\$ 450.00
0500	0501		MOBILIZATION	LS	0.032	148,855.500	4,763.38
4438	0501		FLOWABLE BACKFILL	CY	50.000	140.600	7,030.00
9999	***		NGP (MAIN) (STL) (12 IN)	LF	194.000	65.000	12,610.00
9999	***		NGP (MAIN) (STL) (6 IN)	LF	18.000	30.000	540.00
9999	***		NGP (MAIN) (PLASTIC W/TRACER) (6 IN)	LF	1,644.000	23.000	37,812.00
9999	***		NGP (MAIN) (PLASTIC W/TRACER) (2 IN)	LF	123.000	18.000	2,214.00

SUBTOTAL \$ 65,419.38
ENGINEERING AND CONTINGENCIES 7,523.23

TOTAL CPS(NOT INCLUDED IN ABOVE ESTIMATE) \$ 72,942.61

SAWS(NOT INCLUDED IN ABOVE ESTIMATE) NO PROJECT LENGTH

SAN ANTONIO WATER SYSTEM (SAWS)

SANITARY SEWER ADJUSTMENTS

THROUGHOUT PROJECT LIMITS

0500	0501	MOBILIZATION	LS	0.063	\$	148,855.500	\$	9,377.90
5664	0506	SAN SEW (CONCRETE ENCASEMENT)	CY	49.210		85.000		4,182.85
5664	0507	SAN SEW (MANH) (RING & COVER) WTR TIGHT	EA	11.000		2,060.500		22,665.50
5664	0508	SAN SEW (ADJUST MANHOLE)	EA	6.000		593.500		3,561.00
5664	0509	SAN SEW (ABANDON MANHOLE)	EA	4.000		652.840		2,611.36
5664	0510	SAN SEW (CONCRETE CRADLES)	CY	1.460		233.820		341.38
5664	0515	SAN SEW (TRENCH EXCAVATION PROTECTION)	LF	1,426.110		1.180		1,682.81
5664	0525	SAN SEWER (ABANDON PIPE) (8 IN)	LF	1,249.000		6.010		7,506.49
5664	0550	SAN SEWER (6 IN) (LATERAL PIPE)	LF	62.000		34.930		2,165.66
5664	0557	SAN SEWER (8 IN) (PVC)	LF	1,216.570		45.320		55,134.95
5664	0561	SAN SEWER (CUT & REPL ASPHW/6" ASPHTRT)	SY	423.000		25.000		10,575.00
5664	***	SAN SEW (CONCRETE SADDLES)		213.570		32.000		6,834.24
5664	***	SAN SEW (8 IN) (PVC) (SDR-26)		0.450		233.820		105.22

SUBTOTAL \$	126,744.36
ENGINEERING AND CONTINGENCIES	14,575.60

TOTAL SAWS (NOT INCLUDED IN ABOVE ESTIMATE \$	141,319.96
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SAWS (NOT INCLUDED IN ABOVE ESTIMATE) NO PROJECT LENGTH

SAN ANTONIO WATER SYSTEM (SAWS)
WATER ADJUSTMENTS
THROUGHOUT PROJECT LIMITS

0500	0501	MOBILIZATION	LS	0.078	\$	148,855.500	\$	11,610.73
5666	0502	PIPE WTR MAIN (DI) (8")	LF	65.000		46.930		3,050.45
5666	0513	GATE VALVE AND BOX (COMPL) (8")	EA	13.000		890.330		11,574.29
5666	0516	TEMP BLOW-OFF (COMPL) (2")	EA	7.000		1,053.000		7,371.00
5666	0519	TIE-IN (COMPL) (MAIN) (6")	EA	5.000		832.590		4,162.95
5666	0520	TIE-IN (COMPL) (MAIN) (8")	EA	3.000		1,055.000		3,165.00
5666	0525	RELAY SHRT SERV (NEW MAIN) (3/4")	EA	2.000		528.920		1,057.84
5666	0526	RELAY SHRT SERV (NEW MAIN) (1")	EA	1.000		700.000		700.00
5666	0536	RELOCATE FIRE HYDRANT	EA	3.000		900.000		2,700.00
5666	0539	DUCTILE-IRON FITTINGS	TON	5.090		3,142.180		15,993.70
5666	0540	ADJUST EXISTING VALVE BOXES	EA	3.000		220.480		661.44
5666	0541	CUT & RESTORE ASPH PAV W/6" ASPH TRT	SF	6,185.000		1.960		12,122.60
5666	0543	TRENCH EXCAVATION PROTECTION	LF	2,340.000		1.050		2,457.00
5666	0544	HYDROSTATIC PRESSURE TEST	EA	1.000		1,128.260		1,128.26
5666	0554	RELAY LONG SERV (NEW MAIN) (3/4")	EA	3.000		620.250		1,860.75
5666	0558	RELOCATE EXIST METER & EXIST METER BOX	EA	2.000		388.720		777.44
5666	0579	PIPE WTR MAIN (PVC) (8")	LF	2,230.000		29.430		65,628.90
5666	0581	PIPE WTR MAIN (PVC) (6")	LF	45.000		22.950		1,032.75
5666	0591	PIPE STL CASING (24 IN ID) (OPEN CUT)	LF	23.000		70.390		1,618.97
5666	0595	RELAY SHRT SERV (EXIST MAIN) (2")	EA	1.000		1,500.000		1,500.00
5666	***	RELAY LONG SERV (NEW MAIN) (4 IN)	EA	1.000		1,253.750		1,253.75
5666	***	TAP SLEEVE, VLV & BOX (COMPL) (30 IN X 8	EA	1.000		5,000.000		5,000.00
5666	***	CONCRETE SADDLES	CY	1.600		233.820		374.11

SUBTOTAL \$	156,801.93
ENGINEERING AND CONTINGENCIES	18,032.22

TOTAL SAWS (NOT INCLUDED IN ABOVE ESTIMATE \$	174,834.15
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SUMMARY: CONTROL 0915-12-364 PROJECT STP 99(798)MM

	ESTIMATED COST	LENGTH
ROADWAY ITEMS		
CONTRACTOR FORCE ACCOUNT WORK (PART)	\$ 1,887,135.02	.729
CITY FORCE ACCOUNT WORK (PART)	\$ 5,100.00	
CPS(NOT INCLUDED IN ABOVE ESTIMATE)	\$ 13,475.00	.000
SAWS(NOT INCLUDED IN ABOVE ESTIMATE)	\$ 72,942.61	.000
SAWS(NOT INCLUDED IN ABOVE ESTIMATE)	\$ 141,319.96	.000
SAWS(NOT INCLUDED IN ABOVE ESTIMATE)	\$ 174,834.15	
TOTAL PROJECT	\$ 2,294,806.74	.729
TOTAL BID ITEMS	\$ 2,041,463.45	

FUNDING TOTALS

APPN-CODE	APPL-PCT	TOTAL-PROJ-COST	FED-PERCENT	FEDERAL-FUNDS	STA-PERCENT	STATE-FUNDS	LOC-PERCENT	LOCAL-FUNDS
Q23	100.0	\$ 2,294,806.74	80.0	\$ 1,835,845.39	0.0	\$ 0.00	20.0	\$ 458,961.34

CONTRACT SUMMARY

915-12-364 STP 99(798)MM

	ESTIMATED COST	LENGTH
ROADWAY ITEMS	\$ 1,887,135.02✓	
CONTRACTOR FORCE ACCOUNT WORK (PART)	\$ 5,100.00✓	
CITY FORCE ACCOUNT WORK (PART)	\$ 13,475.00✓	
CPS(NOT INCLUDED IN ABOVE ESTIMATE)	\$ 72,942.61	
SAWS(NOT INCLUDED IN ABOVE ESTIMATE)	\$ 141,319.96	
SAWS(NOT INCLUDED IN ABOVE ESTIMATE)	\$ 174,834.15	
TOTAL 0915-12-364	\$ 2,294,806.74	
TOTAL BID ITEMS	\$ 2,041,463.45	
ENGINEERING AND CONTINGENCIES	234,768.29	
TOTAL MISCELLANEOUS COST	18,575.00	
TOTAL COST	\$ 2,294,806.74	

1,905,710.02
X 20%
\$ 381,142.00
+ 30,097.58 PE
411,239.58
- 15,463.29 in escrow
395,776.29 owed by COSA
prior to letting

TEXAS DEPARTMENT OF TRANSPORTATION

CONTRACT SUMMARY

CONTRACT NUMBER	PROJECT NUMBER	COUNTY	TOTAL BID	TOTAL BID + E&C
01053021	STP 99 (798) MM	015	\$ 2,041,463.45	\$ 2,276,231.74
TOTALS			\$ 2,041,463.45	\$ 2,276,231.75