SUMMARY OF REMOVAL ITEMS

LOCATION	104	104	104	104	496	105	644	677	677	677	677	677	677	677
	6001	6009	6022	6036	6004	6011	6076	6001	6003	6005	6007	6008	6009	6012
	REMOVING CONC (PAV)	REMOVING CONC (RIPRAP)	REMOVING CONC (CURB AND GUTTER)	REMOVING CONC (SIDEWALK OR RAMP)	REMOV STR (SET)	REMOVING STAB BASE AND ASPH PAV (2"-6")	REMOVE SM RD SN SUP&AM	ELIM EXT PAV MRK & MRKS (4")	ELIM EXT PAV MRK & MRKS (8")	ELIM EXT PAV MRK & MRKS (12")	ELIM EXT PAV MRK & MRKS (24")	ELIM EXT PAV MRK & MRKS (ARROW)	ELIM EXT PAV MRK & MRKS (DBL ARROW)	ELIM EXT PAV MRK & MRKS (WORD)
	SY	SY	LF	SY	EA	SY	EA	LF	LF	LF	LF	EA	EA	EA
REMOVAL LAYOUT														
SHEET 1 OF 1	415		668	66	3	120		11	141		364	1		1
PROJECT TOTALS	**415**		**668**	**66**	**3**	**120**		**11**	**141**		**364**	**1**		**1**

SUMMARY OF PAVEMENT MARKING ITEMS

LOCATION	666	666	666	666	666	666	668	668	668	672	672	672	644	644
	6030	6036	6048	6300	6303	6315	6019	6020	6027	6007	6009	6010	6068	6070
	REFL PAV MRK TYI (W)8"(DOT) (120MIL)	REFL PAV MRK TYI (W)8"(SLD) (120MIL)	REFL PAV MRK TYI (W)24"(SLD) (120MIL)	RE PM W/RET REQ TY I (W)4"(BRK) (120MIL)	RE PM W/RET REQ TY I (W)4"(SLD) (120MIL)	RE PM W/RET REQ TY I (Y)4"(SLD) (120MIL)	PREFAB PAV MRK TY B (W)(ARROW)	PREFAB PAV MRK TY B (W)(DBL ARROW)	PREFAB PAV MRK TY B (W)(WORD)	REFL PAV MRKR TY I-C	REFL PAV MRKR TY II-A-A	REFL PAV MRKR TY II-C-R	RELOCATE SM RD SN SUP&AM TY 10BWG	RELOCATE SM RD SN SUP&AM TY S80
	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA
SIGNING AND PAVEMENT MARKING LAYOUT														
SHEET 1 OF 1	120	390	1,047	165	0	900	3	2	3	35	22	0	1	3
PROJECT TOTALS	**120**	**390**	**1,047**	**165**		**900**	**3**	**2**	**3**	**35**	**22**		**1**	**3**

SUMMARY OF DRAINAGE ITEMS

LOCATION	462	467
	6003	6133
	CONC BOX CULV (4FT X 2 FT)	SET (TY I) (S= 4FT) (HW= 2FT) (4:1) (P)
	LF	EA
DRAINAGE ITEMS		
SHEET 1 OF 1	45	3
PROJECT TOTALS	**45**	**3**

SUMMARY OF EROSION CONTROL ITEMS

LOCATION	160	164	168	506	506	506	506	506
	6003	6027	6001	6002	6041	6043	6038	6039
	FURNISHING AND PLACING TOPSOIL (4")	CELL FBR MLCH SEED(PERM) (URBAN)(CLAY)	VEGETATIVE WATERING	ROCK FILTER DAMS (INSTALL) (TY 2)	BIODEG EROSN CONT LOGS (INSTL) (12")	BIODEG EROSN CONT LOGS (REMOVE)	TEMP SEDMT CONT FENCE (INSTALL)	TEMP SEDMT CONT FENCE (REMOVE)
	SY	SY	MG	LF	LF	LF	LF	LF
SW3P								
SHEET 1 OF 1	803	803	0.0161	70	500	500	50	50
PROJECT TOTALS	**803**	**803**	**0.0161**	**70**	**500**	**500**	**50**	**50**

SUMMARY OF EROSION CONTROL ITEMS

LOCATION	160	164	168	506	506	506	506	506
	6003	6027	6001	6002	6041	6043	6038	6039
	FURNISHING AND PLACING TOPSOIL (4")	CELL FBR MLCH SEED (PERM) (URBAN) (CLAY)	VEGETATIVE WATERING	ROCK FILTER DAMS (INSTALL) (TY 2)	BIODEG EROSN CONT LOGS (INSTL) (12")	BIODEG EROSN CONT LOGS (REMOVE)	TEMP SEDMT CONT FENCE (INSTALL)	TEMP SEDMT CONT FENCE (REMOVE)
	SY	SY	MG	LF	LF	LF	LF	LF
SW3P								
SHEET 1 OF 1	803	803	0.0161	70	500	500	50	50
PROJECT TOTALS	**803**	**803**	**0.0161**	**70**	**500**	**500**	**50**	**50**

SUMMARY OF WORKZONE TRAFFIC CONTROL ITEMS

LOCATION	662
	6095
	WK ZN PAV MRK REMOV (Y)4"(SLD)
	LF
TRAFFIC CONTROL PLAN	
SHEET 1 OF 1	136
PROJECT TOTALS	**136**

BASIS OF ESTIMATE *

Item No.	Description	Usage	Area	Rate	Estimated Quantity
150	Blading		6.46 STA	3.9 HR/STA	25 HR
168	Vegetative Watering	Side Slope	803 SY	20 GAL/SY	0.016 MG
310	Prime Coat	Asphalt	4381 SY	0.3 GAL/SY	1095 GAL
316	Seal Coat	Asphalt	4381 SY	0.4 GAL/SY	1533 GAL
316	Seal Coat	Aggregate	4381 SY	100 CY/SY	44 CY
341	HMA	Surface Course	7744 SY	165 LB/SY	639 TON
341	HMA	Base	4381 SY	110 LB/SY-	843 TON

* FOR CONTRACTOR'S INFORMATION ONLY

REV. NO.	DATE	DESCRIPTION	BY

LJA Engineering, Inc.
FRN-F-1386

THE CITY OF SAN ANGELO TEXAS

SOUTHLAND BOULEVARD

SUMMARY OF QUANTITIES

SHEET 1 OF 1

SHEET NO. 6

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