

OFFICIALS TO NOTIFY

**PAVING, DRAINAGE & UTILITY IMPROVEMENTS ON
MAGNOLIA, GARDENIA, CHINABERRY & LAUREL STREETS
PROJECT NO. 13-05-10053**

<u>STAFF NAME</u>	<u>PHONE NUMBER</u>	<u>EMAIL</u>
William P. Yenne City Manager	979-415-2500	wylene@lakejacksontx.gov
Modesto Mundo Assistant City Manager	979-415-2500	mmundo@lakejacksontx.gov
Sal Aguirre City Engineer	979-415-2412	saguirre@lakejacksontx.gov
Athelstan Sanchez Assistant City Engineer	979-415-2417	asanchez@lakejacksontx.gov
Floyd York Inspector	979-415-2415	fyork@lakejacksontx.gov
Craig Nisbett Public Works Director	979-415-2428	cnisbett@lakejacksontx.gov
Robert Stark Public Works Superintendent	979-415-2424	rstark@lakejacksontx.gov
David Ellis Utility Superintendent	979-297-4231	dellis@lakejacksontx.gov

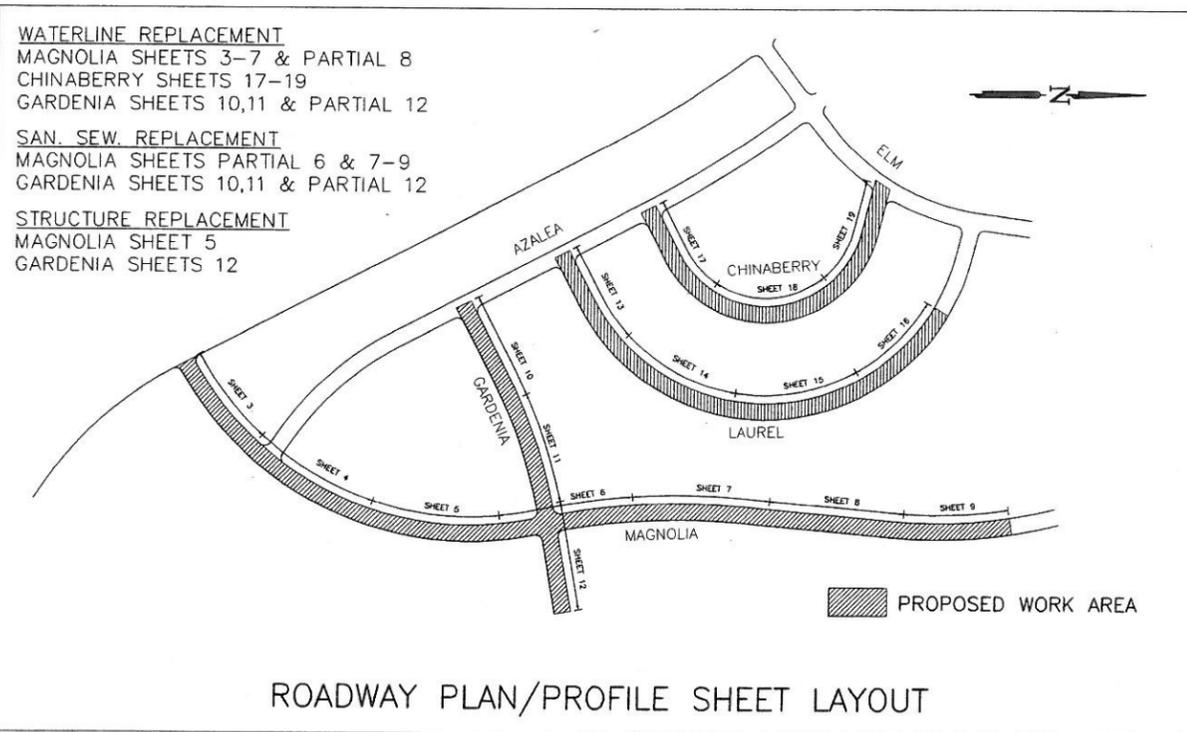
CONTRACTOR: Matula & Matula Construction Company

<u>STAFF NAME</u>	<u>PHONE NUMBER</u>	<u>EMAIL</u>
Jon Matula Owner	979-480-0030	jm_matula@yahoo.com
Raul Hernandez Superintendent	979-482-0784	
Mike Murphy Project Manager	979-799-7219	

PLANS FOR CONSTRUCTION OF
PAVING, DRAINAGE AND UTILITY IMPROVEMENTS
ON MAGNOLIA, GARDENIA, CHINABERRY & LAUREL STREETS
 FOR THE
CITY OF LAKE JACKSON
 BRAZORIA COUNTY

B&L JOB NO. 11017

PROJECT NO. 13 05 10053



WATERLINE REPLACEMENT
 MAGNOLIA SHEETS 3-7 & PARTIAL 8
 CHINABERRY SHEETS 17-19
 GARDENIA SHEETS 10,11 & PARTIAL 12

SAN. SEW. REPLACEMENT
 MAGNOLIA SHEETS PARTIAL 6 & 7-9
 GARDENIA SHEETS 10,11 & PARTIAL 12

STRUCTURE REPLACEMENT
 MAGNOLIA SHEET 5
 GARDENIA SHEETS 12

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VICINITY MAP

MAYOR
JOE RINEHART

CITY COUNCIL
JON "J.B." BAKER **GERALD ROZNOVSKY**
WILL BROOKS **SCOTT SCHWERTNER**

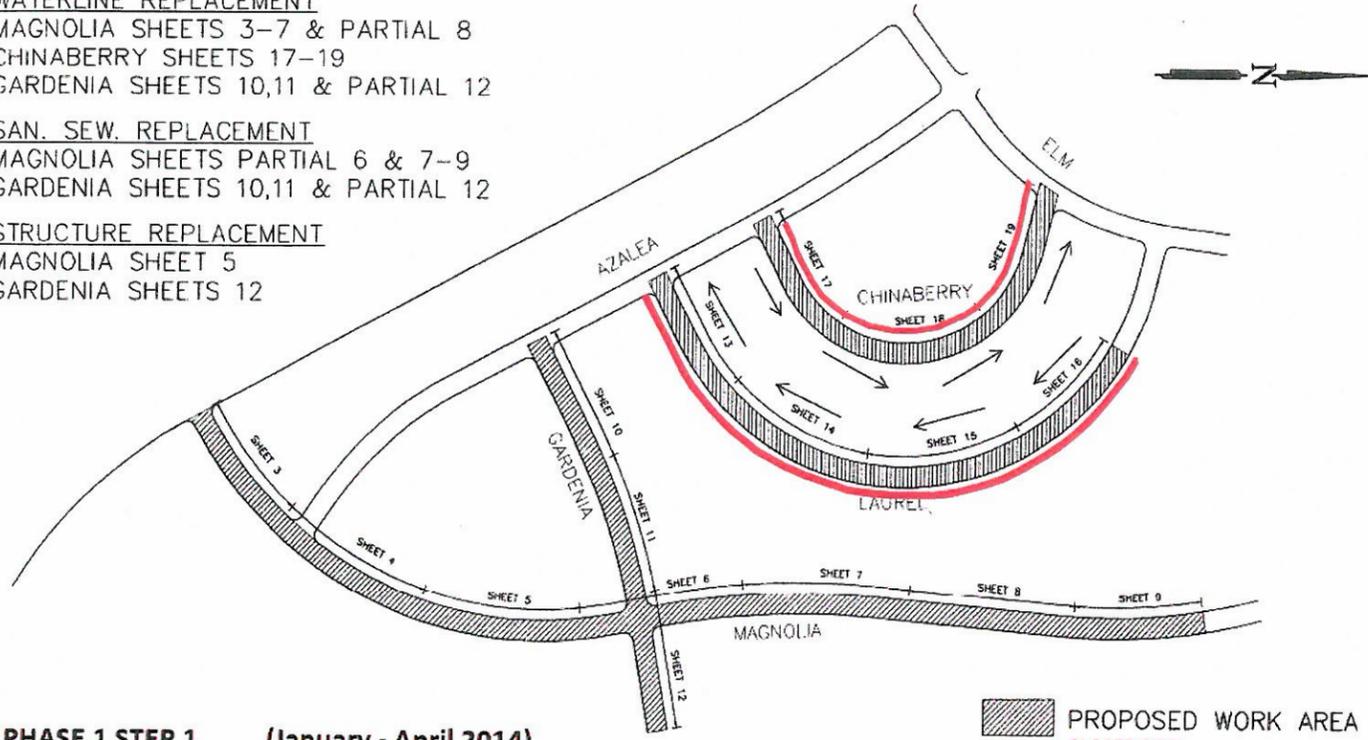
CITY MANAGER
W.P. YENNE

CITY MANAGER
SAL AGUIRRE, P.E.

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">NO.</td><td style="width: 15%;">DATE</td><td style="width: 60%;">DESCRIPTION</td><td style="width: 20%;">APPROVED</td></tr> <tr><td>8-13-13</td><td></td><td>INDEX OF SHEETS</td><td></td></tr> </table>	NO.	DATE	DESCRIPTION	APPROVED	8-13-13		INDEX OF SHEETS		DESIGNED _____ DRAWN JAGS CHECKED _____ DATE _____	 BAKER & LAWSON, INC. ENGINEERS • PLANNERS • SURVEYORS <small>300 E. CEDAR ST., ANGLETON, TEXAS 77516 PHONE: 409-492-8881 FAX: 409-492-0225 REG. NO. F-825</small>	 <small>DOUGLAS B. ROESLER P.E. 56739 REGISTERED PROFESSIONAL ENGINEER Date: 9-10-13</small>	OWNER: CITY OF LAKE JACKSON BRAZORIA COUNTY, TEXAS	SCALE: PLAN: N.T.S. PROFILE: _____ HORIZONTAL: _____ VERTICAL: _____	PAVEMENT, DRAINAGE & UTILITY IMPROVEMENTS ON MAGNOLIA, GARDENIA, CHINABERRY AND LAUREL STREETS	SHEET OF SHEETS TITLE SHEET PROJECT NO. 11017 1
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8-13-13		INDEX OF SHEETS													

11017 COVER.dwg

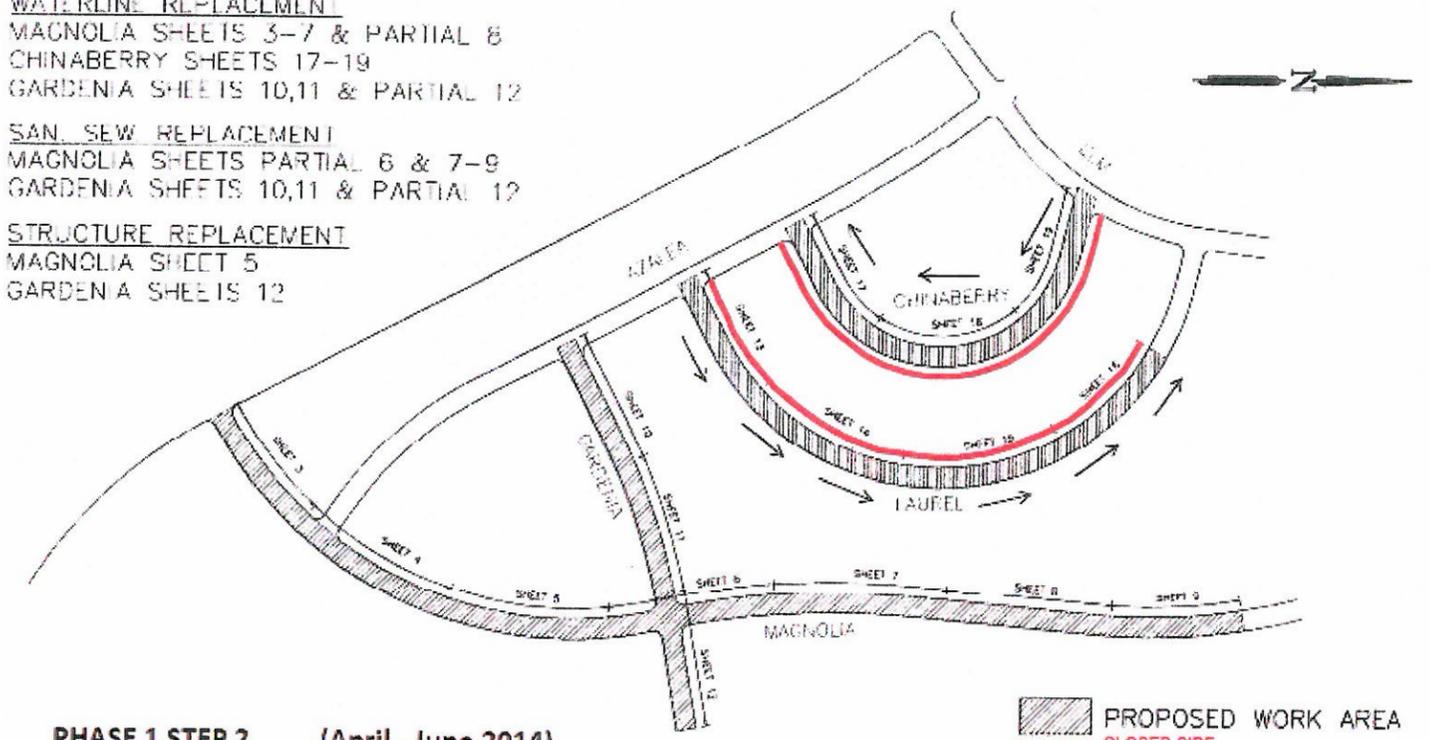
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PHASE 1 STEP 1 (January - April 2014)

[Hatched Box] PROPOSED WORK AREA
 [Red Line] CLOSED SIDE
 [Red Arrow] OPEN SIDE TRAFFIC FLOW
 [Red Arrow] OPEN SIDE TRAFFIC COUNTER FLOW

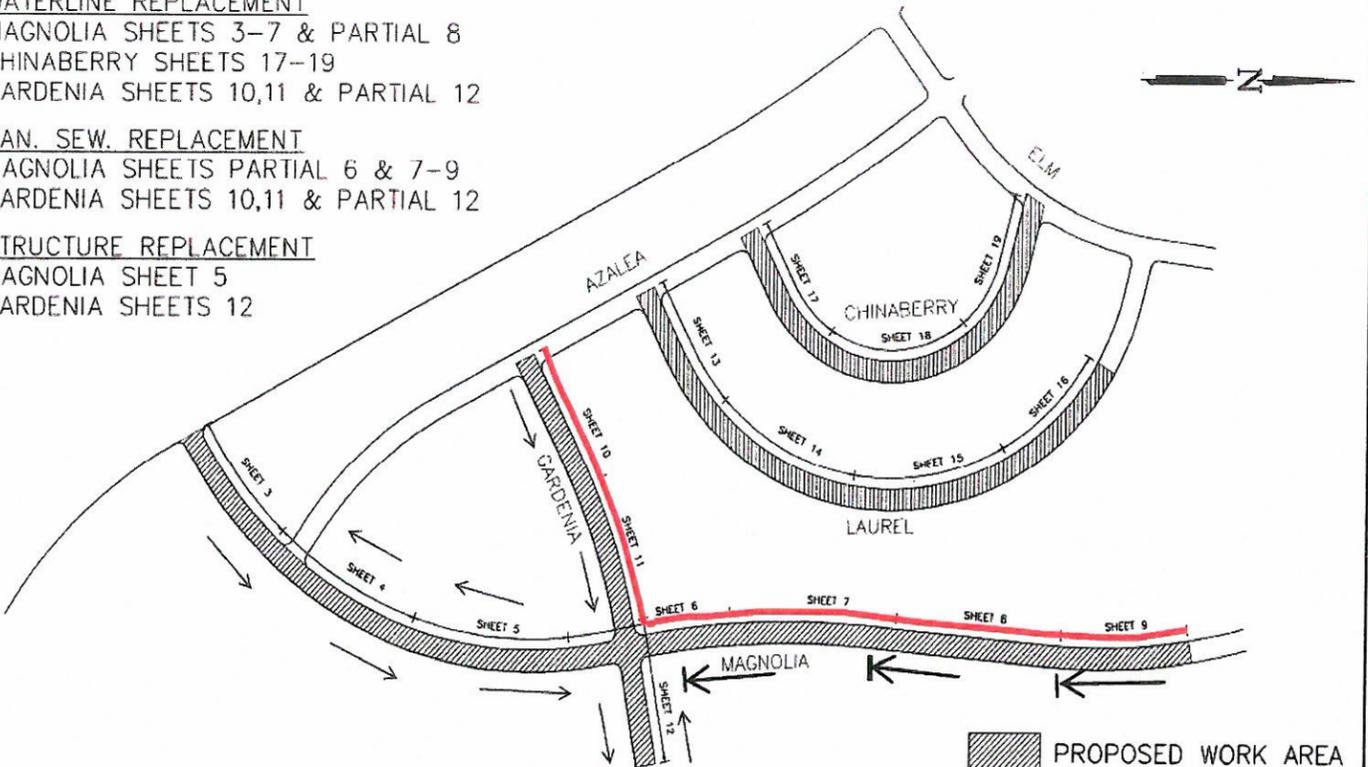
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PHASE 1 STEP 2 (April - June 2014)

[Hatched Box] PROPOSED WORK AREA
 [Red Line] CLOSED SIDE
 [Red Arrow] OPEN SIDE TRAFFIC FLOW
 [Red Arrow] OPEN SIDE TRAFFIC COUNTER FLOW

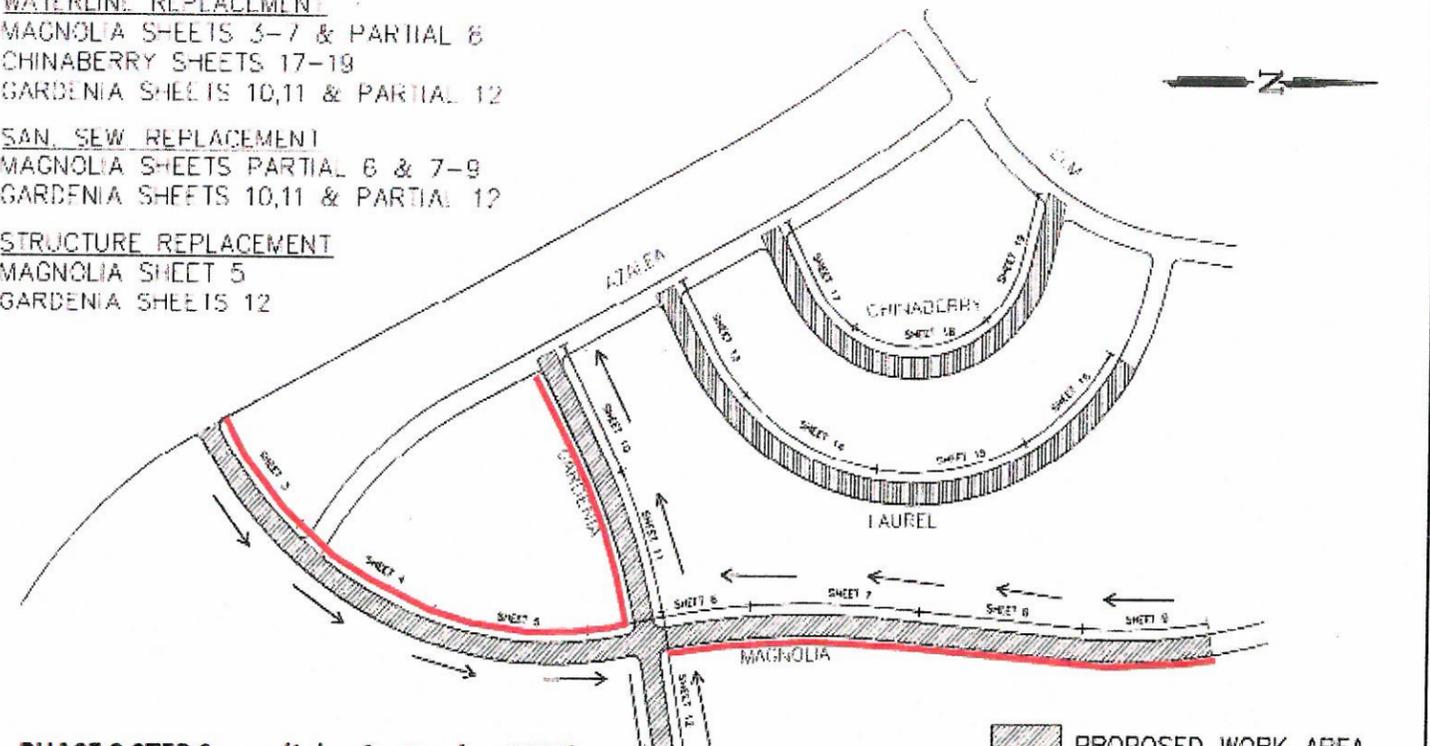
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PHASE 2 STEP 1 (May - July 2014)

[Hatched Box] PROPOSED WORK AREA
 [Red Line] CLOSED SIDE
 [Red Arrow] OPEN SIDE TRAFFIC FLOW
 [Red Arrow] OPEN SIDE TRAFFIC COUNTER FLOW

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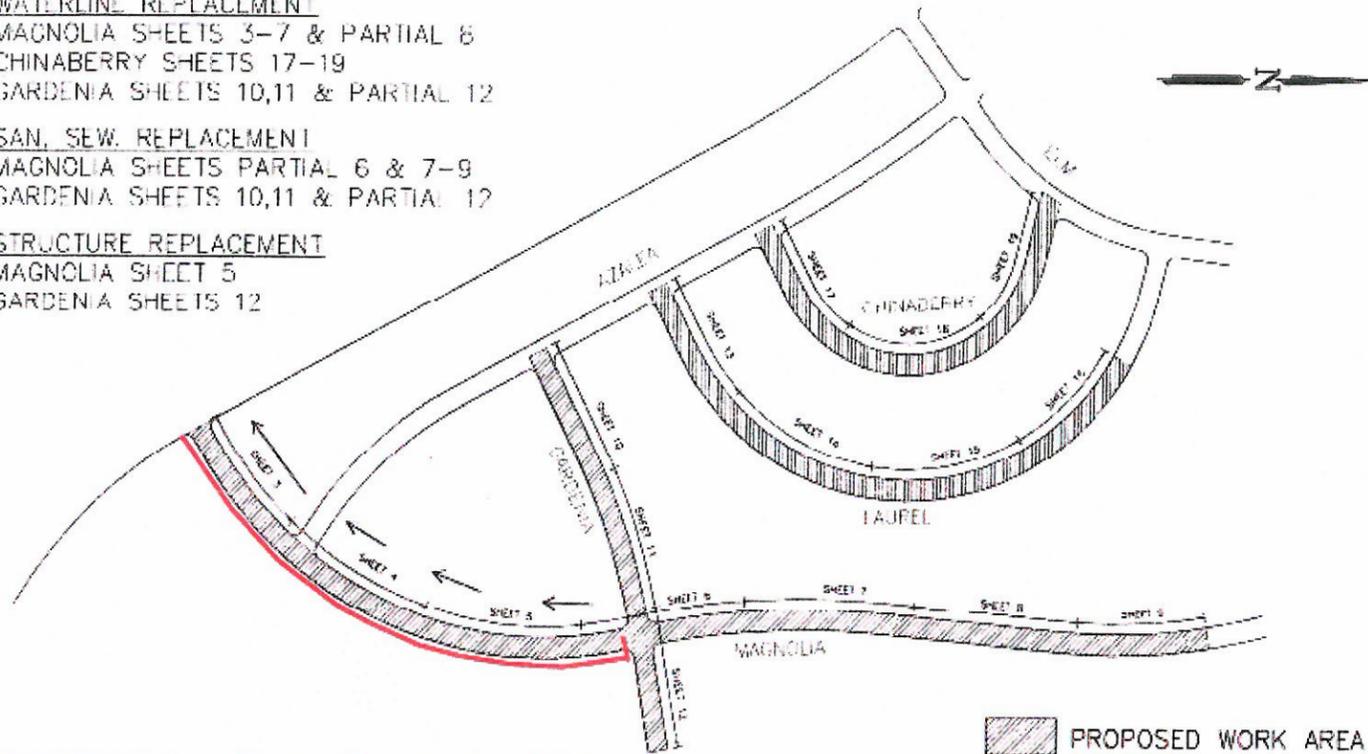
PHASE 2 STEP 2 (July - September 2014)

[Hatched Box] PROPOSED WORK AREA
 [Red Line] CLOSED SIDE
 [Red Arrow] OPEN SIDE TRAFFIC FLOW
 [Red Arrow] OPEN SIDE TRAFFIC COUNTER FLOW

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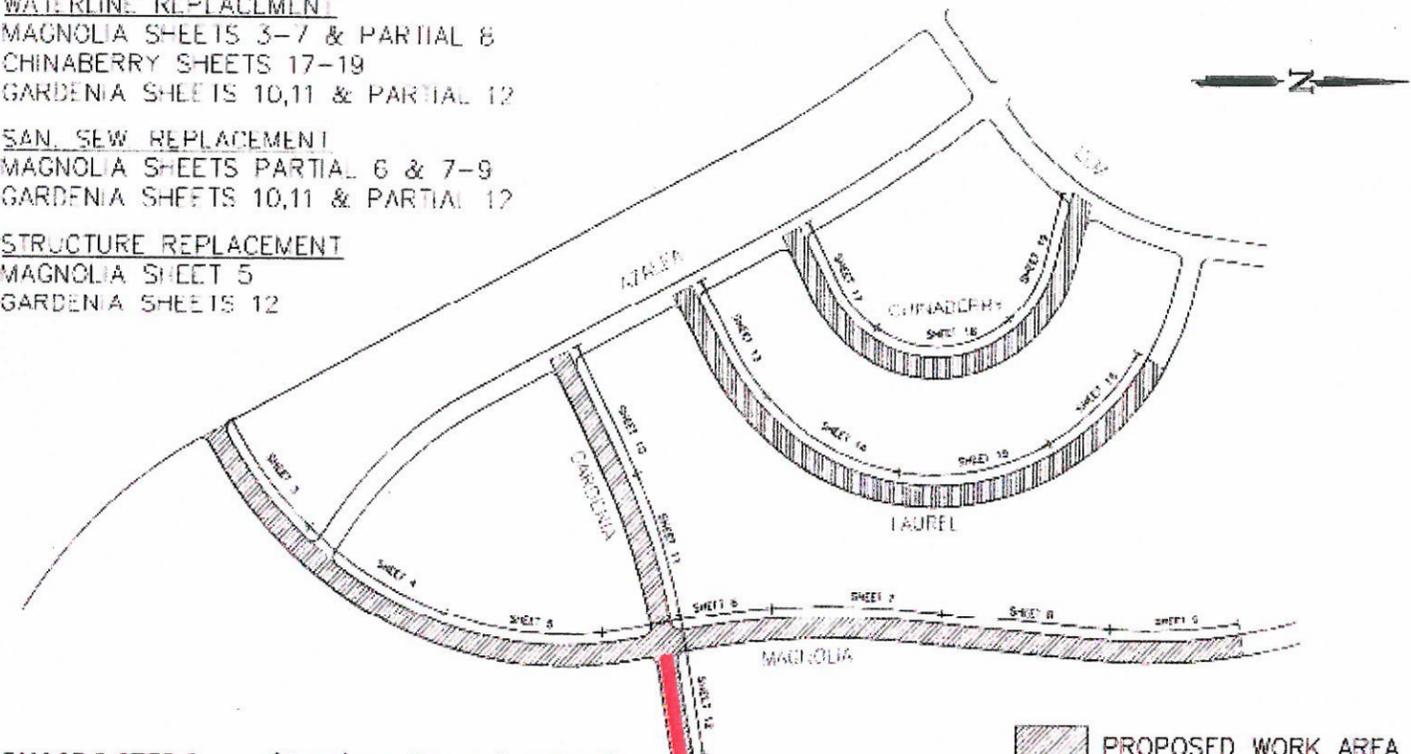


PHASE 3 STEP 1 (September - October 2014)

WATERLINE REPLACEMENT
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 CHINABERRY SHEETS 17-19
 GARDENIA SHEETS 10,11 & PARTIAL 12

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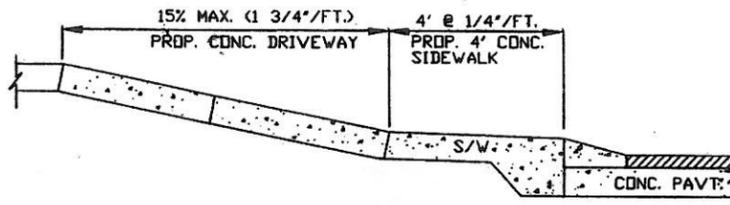
PHASE 3 STEP 2 (October - December 2014)

Lake Jackson Street Rehabilitation

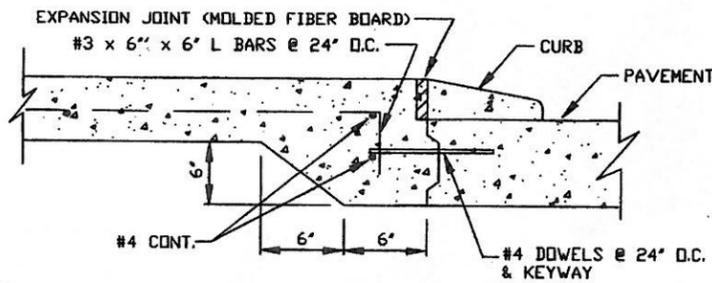
Magnolia Street		Gardenia Street		Laurel Street		Chimaberry Street	
Side	Station	Street Address	Exd't "Y"	Area Removed	Prop "Y"	Prop "Z"	Prop "X" 16.5'
Magnolia St. Intersection							
LI	0+75	PARKWAY MAGNOLIA STREET	SW 4	72	4	4	110
RI	1+15	841 MAGNOLIA STREET	SW 4	80	4	4	121
RI	1+75	841 MAGNOLIA STREET	SW 10	294	SPL-1		358
LI	1+60	828 MAGNOLIA STREET	SW 14	-192	SPL-2		358
RI	2+01	839 MAGNOLIA STREET	SW 17	212	17	17	184
RI	2+48	857 MAGNOLIA STREET	SW 4	68	8	8	180
LI	3+00	828 & 818 MAGNOLIA STREET	SW 19	236	21	13	247
LI	3+40	835 MAGNOLIA STREET	SW 33	504	35	27	520
Azuleia St. Intersection							
RI	4+65	833 MAGNOLIA STREET	SW 25	408	SPL-3		472
RI	6+64	831 MAGNOLIA STREET	SW 21	239	17	9	197
LI	6+09	819 MAGNOLIA STREET	SW 22	207	25	17	328
RI	6+35	829 MAGNOLIA STREET	SW 28	384	24	16	312
LI	6+70	820 MAGNOLIA STREET	SW 24	10	10	10	213
RI	6+64	827 MAGNOLIA STREET	SW 9	228	17	9	197
LI	7+43	820 MAGNOLIA STREET	SW 18	9	196	17	197
RI	7+80	823 & 826 MAGNOLIA STREET	SW 29	21	389	29	395
RI	8+65	816 MAGNOLIA STREET	SW 21	23	353	31	428
RI	8+74	821 MAGNOLIA STREET	SW 18	16	279	24	312
RI	8+33	816 MAGNOLIA STREET	SW 18	8.5	213	16.5	188
LI	8+41	814 MAGNOLIA STREET	SW 18	8	182	16	180
LI	8+64	812 MAGNOLIA STREET	SW 18	8	182	16	180
RI	8+65	812 MAGNOLIA STREET	SW 18	8	182	16	180
LI	10+03	815 MAGNOLIA STREET	SW 28	20	381	28	378
LI	10+60	810 MAGNOLIA STREET	SW 20	7	186	16	180
RI	11+13	813 MAGNOLIA STREET	SW 17	289	25	17	329
RI	11+49	808 MAGNOLIA STREET	SW 20	20	338	28	378
RI	11+77	811 MAGNOLIA STREET	SW 18	8	174	16	180
RI	12+29	806 MAGNOLIA STREET	SW 18	18	284	26	345
RI	12+39	809 MAGNOLIA STREET	SW 18	8	190	16	180
LI	13+39	804 MAGNOLIA STREET	SW 16	10	211	16	213
RI	13+60	807 MAGNOLIA STREET	SW 15	10	185	18	213
LI	14+11	804 MAGNOLIA STREET	SW 17	7	170	15	164
LI	14+15	805 MAGNOLIA STREET	SW 18	8	181	16	180
RI	14+78	803 MAGNOLIA STREET	SW 22	18	305	28	345
LI	14+78	803 MAGNOLIA STREET	SW 18	20	288	28	378
Gardenia St. Intersection							
RI	16+13	801 MAGNOLIA STREET	SW 3			3	
RI	16+57	853 MAGNOLIA STREET	SW 3			3	
LI	16+60	852 MAGNOLIA STREET	SW 3			3	
RI	17+21	850 MAGNOLIA STREET	SW 10	199	16	10	213
RI	17+34	851 MAGNOLIA STREET	SW 17	8	178	16	180
LI	17+70	850 MAGNOLIA STREET	SW 16	8	193	16	220
LI	17+91	858 MAGNOLIA STREET	SW 19	11	225	19	234
RI	18+30	856 MAGNOLIA STREET	SW 18	8	187	16	180
LI	18+42	856 MAGNOLIA STREET	SW 17	11	215	19	234
RI	18+55	857 MAGNOLIA STREET	SW 15	8	182	16	180
LI	18+64	856 MAGNOLIA STREET	SW 23	248	31	23	285
RI	18+08	854 MAGNOLIA STREET	SW 8	187	16	8	180
RI	18+13	855 MAGNOLIA STREET	SW 15	8	187	16	180
RI	18+51	854 MAGNOLIA STREET	SW 18	10	229	24	312
RI	18+75	853 MAGNOLIA STREET	SW 18	8	205	16	260
LI	20+14	853 MAGNOLIA STREET	SW 18	8	182	16	180
RI	20+34	851 MAGNOLIA STREET	SW 18	8	189	16	180
RI	20+78	850 MAGNOLIA STREET	SW 18	8	173	16	180
RI	21+04	848 MAGNOLIA STREET	SW 18	18	315	28	325
RI	21+37	848 MAGNOLIA STREET	SW 20	8	178	16	180
RI	21+62	847 MAGNOLIA STREET	SW 29	29	390	28	411
RI	21+98	846 MAGNOLIA STREET	SW 29	25	378	33	395
LI	22+22	845 MAGNOLIA STREET	SW 18	8	208	16	215
RI	22+59	844 MAGNOLIA STREET	SW 21	21	272	26	285
RI	22+80	843 MAGNOLIA STREET	SW 18	8	188	16	180
RI	23+60	841 MAGNOLIA STREET	SW 18	16	248	24	312
RI	23+83	840 MAGNOLIA STREET	SW 23	18	301	18	312
RI	24+08	839 MAGNOLIA STREET	SW 18	8	182	16	180
LI	24+44	838 MAGNOLIA STREET	SW 18	8	195	16	205
LI	24+63	836 MAGNOLIA STREET	SW 18	8	211	16	220
RI	24+74	837 MAGNOLIA STREET	SW 23	18	193	28	215
RI	24+80	835 MAGNOLIA STREET	SW 11	9	143	17	197
LI	25+25	834 MAGNOLIA STREET	SW 8	201	16	8	220
RI	25+30	835 MAGNOLIA STREET	SW 14	9	183	17	208
LI	25+60	833 MAGNOLIA STREET	SW 19	10	192	18	213
RI	25+82	833 MAGNOLIA STREET	SW 18	8	187	16	180
RI	26+48	831 MAGNOLIA STREET	SW 28	28	383	34	477
RI	26+82	832 MAGNOLIA STREET	SW 18	8	187	16	180
RI	27+10	829 MAGNOLIA STREET	SW 18	8	183	16	180
RI	27+46	828 MAGNOLIA STREET	SW 18	9	211	17	197
LI	27+63	827 MAGNOLIA STREET	SW 17	9	192	17	197
LI	28+10	826 MAGNOLIA STREET	SW 18	8	183	16	180
LI	28+17	824 MAGNOLIA STREET	SW 18	8	183	16	180
LI	29+35	823 MAGNOLIA STREET	SW 18	10	210	18	213
LI	29+65	822 MAGNOLIA STREET	SW 22	17	241	25	329
LI	30+02	820 MAGNOLIA STREET	SW 25	19	354	28	345
LI	30+40	818 MAGNOLIA STREET	SW 18	8	203	16	180
LI	30+80	818 MAGNOLIA STREET	SW 18	8	179	16	180
RI	30+71	817 MAGNOLIA STREET	SW 19	14	278	22	279
RI	31+24	815 MAGNOLIA STREET	SW 22	18	285	26	345
LI	31+80	814 MAGNOLIA STREET	SW 18	8	164	16	180
LI	31+80	814 MAGNOLIA STREET	SW 18	8	168	16	180
TOTALS				28802			28346

Gardenia Street		Laurel Street		Chimaberry Street			
Side	Station	Street Address	Exd't "Y"	Area Removed	Prop "Y"	Prop "Z"	Prop "X" 16.5'
GARDENIA							
RI	1+10	801 GARDENIA STREET	SW 20	17	283	SPL-5	483
LI	1+62	103 GARDENIA STREET	SW 13	8	180	8	180
RI	2+03	104 GARDENIA STREET	SW 18	8	185	8	180
LI	2+43	101 & 108 GARDENIA STREET	SW 32	28	431	29	527
LI	3+05	107 GARDENIA STREET	SW 13	15	255	23	268
LI	3+41	107 GARDENIA STREET	SW 14	16	252	23	268
LI	3+76	109 GARDENIA STREET	SW 14	8	194	16	180
RI	4+27	110 GARDENIA STREET	SW 14	8	209	16	180
LI	4+27	111 GARDENIA STREET	SW 27	19	383	27	382
RI	4+39	112 GARDENIA STREET	SW 12	8	180	SPL-6	181
RI	4+84	112 GARDENIA STREET	SW 19	14	230	14	270
LI	4+84	113 GARDENIA STREET	SW 9.5	9.5	147	9.5	205
RI	5+00	114 GARDENIA STREET	SW 13	8	201	SPL-7	205
LI	5+47	115 GARDENIA STREET	SW 4	4	178	16	180
RI	5+88	115 GARDENIA STREET	SW 28	20	436	20	378
RI	6+22	118 GARDENIA STREET	SW 19	8	188	16	180
RI	6+28	117 GARDENIA STREET	SW 17	8	50	SPL-8	280
LI	6+67	117 GARDENIA STREET	SW 15	8	75	SPL-9	165
RI	6+87	120 GARDENIA STREET	SW 20	8	150	SPL-10	144
LI	6+87	119 GARDENIA STREET	SW 20	8	127	SPL-11	182
RI	7+83	122 GARDENIA STREET	SW 32	28	428	24	428
LI	7+85	882 GARDENIA STREET	SW 18	8	183	16	180
Magnolia St. Intersection							
RI	8+80	901 GARDENIA STREET	SW 21	31	394	31	560
RI	8+80	883 GARDENIA STREET	SW 27	20	414	28	378
TOTALS				6436			6762

Laurel Street		Chimaberry Street					
Side	Station	Street Address	Exd't "Y"	Area Removed	Prop "Y"	Prop "Z"	Prop "X" 16.5'
LAUREL							
RI	0+66	701 LAUREL STREET	SW 25	20	73	SPL-13	413
LI	0+66	283 LAUREL STREET	SW 21	13	223	SPL-14	288
RI	2+05	260 LAUREL STREET	SW 19	17	211	SPL-15	184
RI	2+28	281 LAUREL STREET	SW 19	12	205	SPL-16	281
LI	2+71	283 LAUREL STREET	SW 18	8	191	SPL-17	253
RI	3+48	258 LAUREL STREET	SW 18	8	203	SPL-18	175
LI	3+80	248 LAUREL STREET	SW 18	8	178	SPL-19	182
RI	4+03	248 LAUREL STREET	SW 18	8	190	16	180
RI	4+80	244 LAUREL STREET	SW 18	8	197	16	180
LI	4+82	255 LAUREL STREET	SW 18	8	182	16	180
LI	4+82	255 LAUREL STREET	SW 18	8	181	16	180
RI	5+22	242 LAUREL STREET	SW 19	8	200	16	180
RI	5+77	251 LAUREL STREET	SW 17	17	258	SPL-20	313
LI	6+38	249 LAUREL STREET	SW 24	19	349	19	362
RI	6+64	248 LAUREL STREET	SW 22	22	347	22	411
RI	7+30	247 LAUREL STREET	SW 18	8	200	16	180
LI	7+30	248 LAUREL STREET	SW 18	8	187	16	180
RI	7+63	246 LAUREL STREET	SW 18	8	205	16	180
RI	8+08	245 LAUREL STREET	SW 18	9	218	SPL-21	302
LI	8+13	254 LAUREL STREET	SW 18	14	231	14	372
RI	8+67	241 LAUREL STREET	SW 18	8	205	16	180
RI	8+62	239 LAUREL STREET	SW 21	16	309	24	312
LI	9+63	237 LAUREL STREET	SW 18	8	185	16	180
LI	10+27	228 LAUREL STREET	SW 18	8	183	16	180
RI	10+41	235 LAUREL STREET	SW 28	16	320	16	180
RI	10+68	233 LAUREL STREET	SW 18	8	142	SPL-22	337
LI	10+81	233 LAUREL STREET	SW 17	11	120	SPL-23	165
RI	11+00	233 LAUREL STREET	SW 18	8	204	SPL-24	214
RI	11+67	231 LAUREL STREET	SW 24	13	116	SPL-25	181
LI	11+67	231 LAUREL STREET	SW 18	8	166	SPL-26	237
RI	11+67	224 LAUREL STREET					



SECTION @ BACK OF CURB
SIDEWALK CONDITION
(WITH MODIFIED TO 6' WALK)



CONNECTION DETAIL

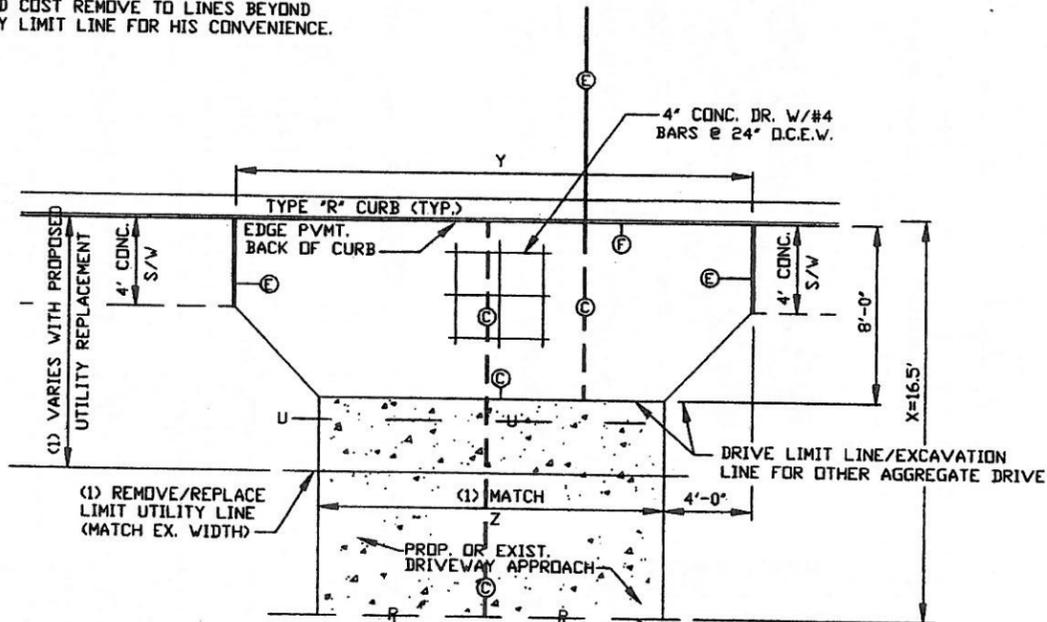
RESIDENTIAL DRIVEWAY & CONNECTION DETAIL
NEW & RECONSTRUCTION

N.T.S.

NOTES:

- ⓐ CONSTRUCTION JOINT
- ⓔ REDWOOD EXPANSION JOINT
- ⓕ PREMOULD EXPANSION JOINT

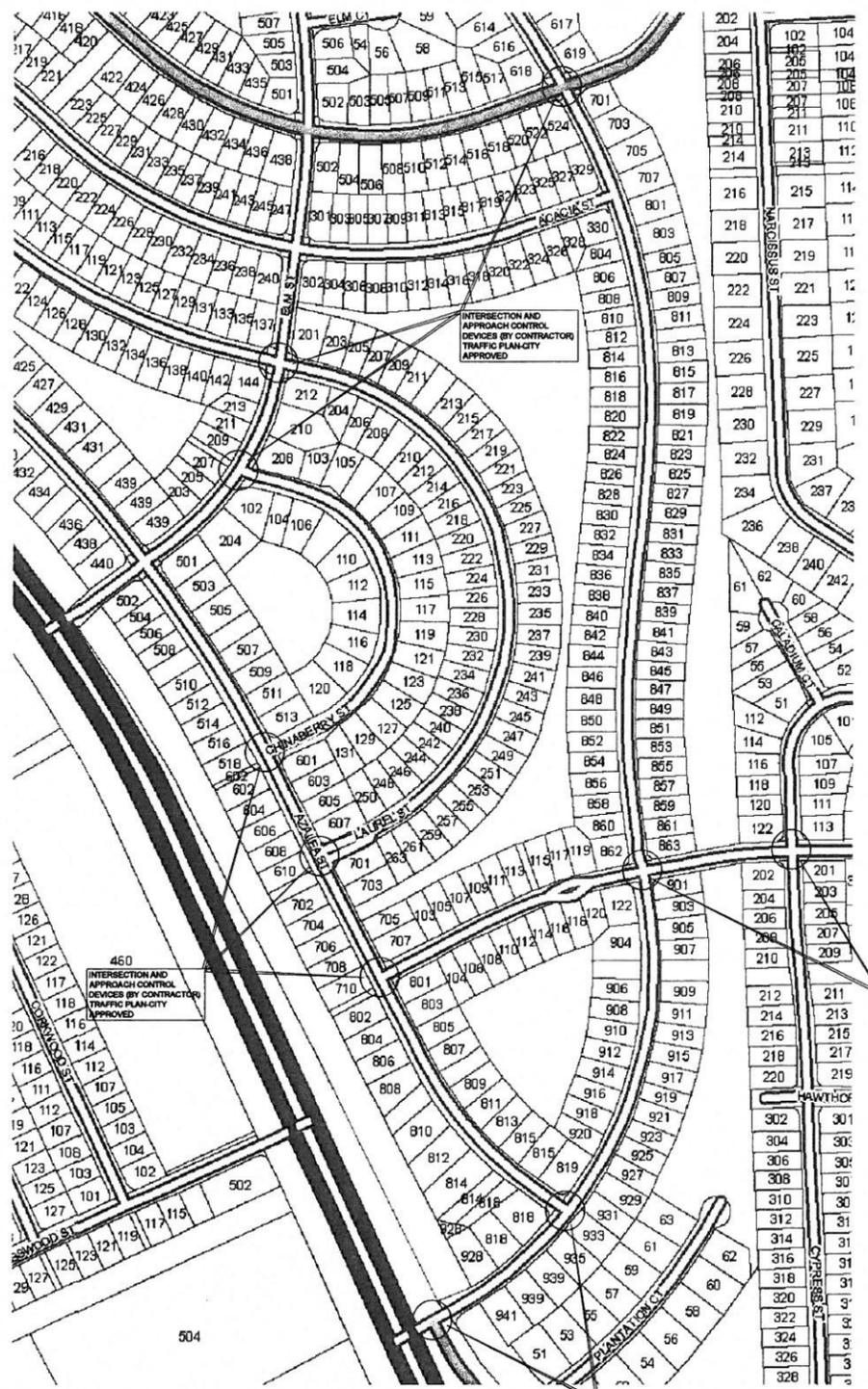
1. REFERENCE TO "X", "Y" & "Z" SHALL REFER TO SPECIFIC DIMENSIONS IN CONSTRUCTION PLANS OR BUILDING DRAWINGS AND/OR SCHEDULES.
2. (1) (FOR RECONSTRUCTION ONLY) PLAN QUANTITY FOR SURFACE REMOVAL & DRIVEWAY REPLACEMENT SHALL BE USED AS MINIMUM AMOUNT FOR PAY PURPOSES. THE CONTRACTOR MAY AT HIS OPTION AND COST REMOVE TO LINES BEYOND PAY LIMIT LINE FOR HIS CONVENIENCE.
3. ADDITIONAL SCORED JOINTS SHALL BE MADE WHERE EXISTING EXPANSION OR CONSTRUCTION JOINTS OF ABUTING PAVEMENTS MEET THE NEW CONSTRUCTION OR ALONG THE MIDLINE OF DRIVEWAYS WHERE $Z < 16.5'$.
4. SAWCUT FOR CONNECTIONS TO EXIST. DRIVES AND PARKING-SUBSIDIARY TO CONCRETE DRIVE INSTALLATION.



TYPICAL PROPOSED DRIVE
BACK OF CURB SIDEWALK CONDITION

RESIDENTIAL DRIVEWAY, SIDEWALK & CONNECTION DETAIL
NEW & RECONSTRUCTION

N.T.S.



TRAFFIC CONTROL PLAN -- (PHASE SIDE AND SEGMENT TO BE DETERMINED BY CONTRACTOR)

THE CONSTRUCTION PHASING PLAN INCLUDED IS FOR INFORMATION PURPOSES ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THEIR WORK AND OPERATIONS PLAN FOR SEQUENCE AND SCHEDULE. THE CONTRACTOR MAY ADOPT THE RECOMMENDED TCP OR MAY PREPARE AN OPTIONAL TRAFFIC PLAN THAT INCORPORATES THE CONCEPTS INCLUDED AND THAT PROMOTES AN EQUAL OR BETTER LEVEL OF SAFETY AND INFORMATION TO THE TRAFFIC AND THE WORK SITES. THE CONTRACTOR SHALL SUBMIT THE OPTIONAL PLAN FOR THE OWNER /ENGINEER REVIEW AND APPROVAL.

THE CONSTRUCTION PHASING PLAN INDICATES A FULL SIGN CONTROL ZONE CONDITION. PARTIAL CONTROL ZONES MAY BE INSTALLED AND MAINTAINED AT THE TIME OF CLOSURE OF THE AFFECTED WORK AREA SEGMENT AND REMAIN IN EFFECT UNTIL OPEN TO TRAFFIC.

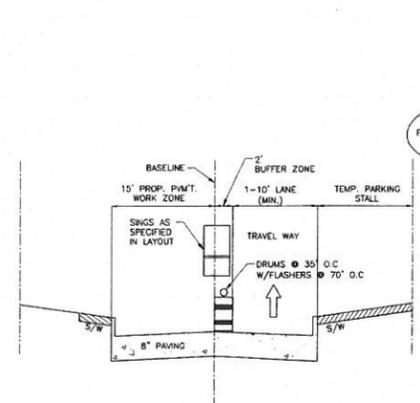
TCP GENERAL NOTES

THE "SIGN CONTROL ZONE" IS THE IMMEDIATE AREA TO THE STREET CLOSURE SEGMENTS WHERE SIGNAGE CONTROL SHALL BE INSTALLED IN ALL APPROACH DIRECTIONS TO THE SEGMENT AND SHALL EXTEND AS A MINIMUM TO THE TWO INTERSECTION FROM THE WORK AREA AND TO THE TWO INTERSECTION FROM THE WORK AREA AND TO THE IMMEDIATE SIDE APPROACHES TO THESE.

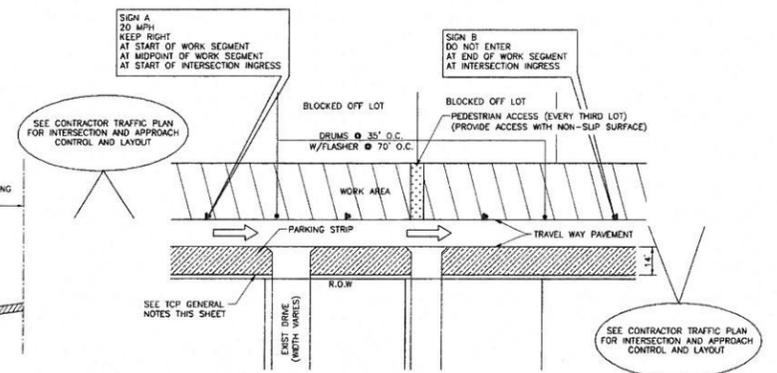
WALKS SHOULD BE CONSTRUCTED OF SOUND STRUCTURAL MATERIAL AND METHODS WITH ANTI SLIP SURFACE AND HANDRAIL. THE WIDTH SHALL BE 3 FT. WIDE AND LENGTH SHALL BE AS REQUIRED BY THE WORK AREA AND PORTABILITY NEED OF THE CONTRACTOR.

REMOVAL AND REPLACEMENT OF EXISTING TRAFFIC SIGNS WHERE REQUIRED SHALL BE SUBSIDIARY TO "BARRICADE AND SIGN" BID ITEM.

TEMPORARY PARKING STALL AREAS SHALL BE PROVIDED AND SHALL BE CONSIDERED SUBSIDIARY TO THE TRAFFIC CONTROL BID ITEM. THE PARKING STALLS SHALL BE CONSTRUCTED OF RECYCLED STABLE UNCLASSIFIED AGGREGATE MATERIALS SUITABLE FOR AN ALL WEATHER SURFACE CAPABLE OF CONTROLLING RUTTING AND MUD TRACKING. STALL AREAS SHALL BE INSTALLED IN CONTINUOUS STRIP OF THE WIDTH REQUIRED TO PARALLEL PARK VEHICLES OUT OF THE OPEN TRAVELWAY.



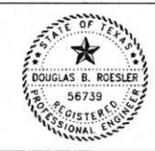
TYPICAL PHASE SECTION



STANDARD TRAVELWAY TRAFFIC CONTROL WITH TYPICAL LAYOUT TEMPORARY PARKING STALL

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED _____
 DRAWN JAGS
 CHECKED _____
 DATE _____



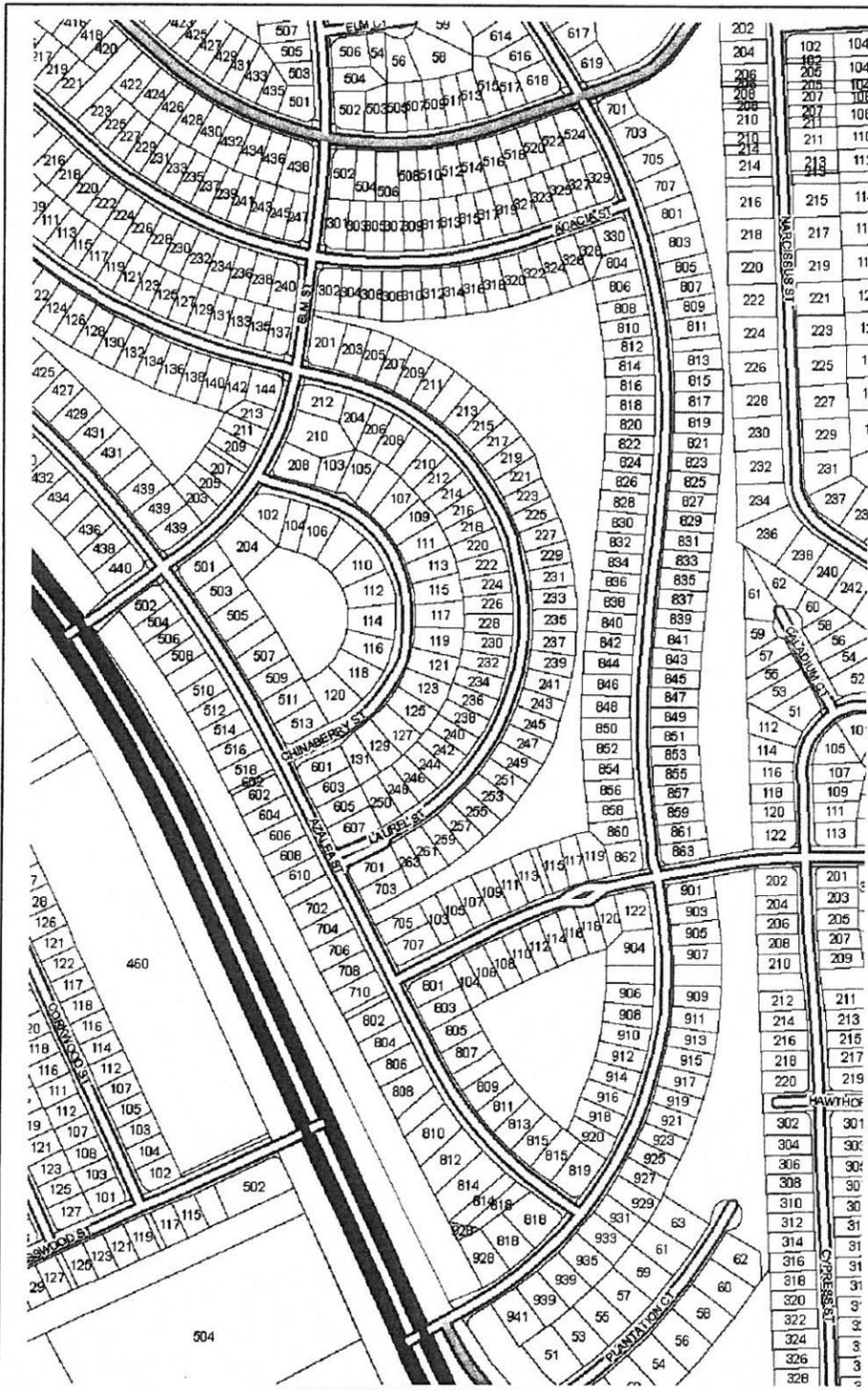
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OWNER:
CITY OF LAKE JACKSON
 BRAZORIA COUNTY, TEXAS

SCALE:
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 PROFILE: _____
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 VERTICAL: _____

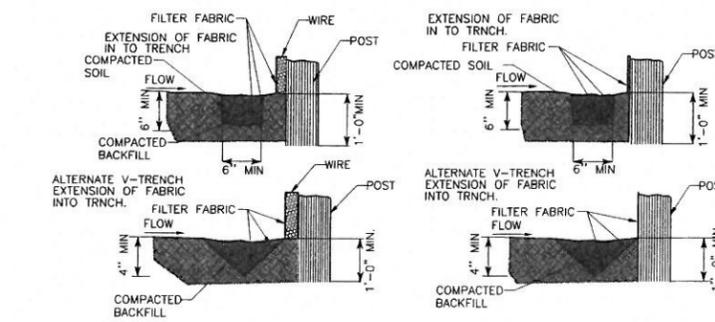
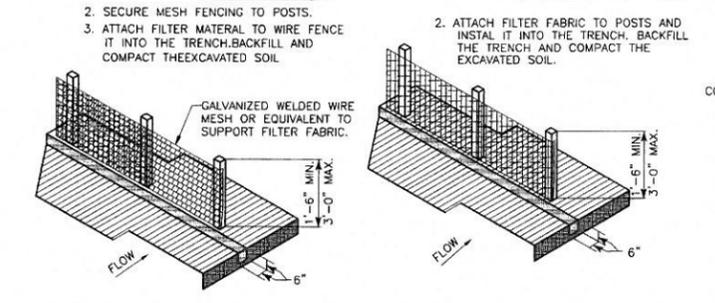
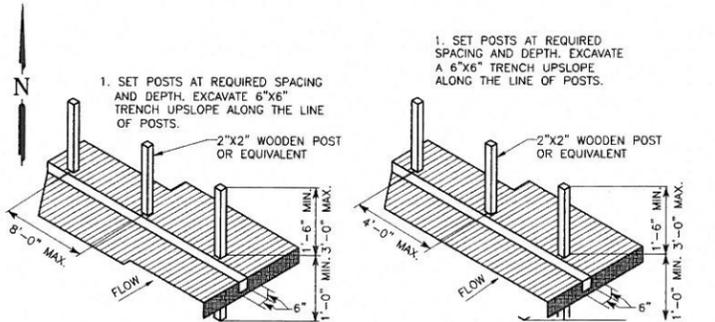
TRAFFIC CONTROL PLAN
ON MAGNOLIA, GARDENIA, CHINABERRY
AND LAUREL STREETS

SHEET 1 OF 2 SHEETS
TRAFFIC CONTROL PLAN
 PROJECT NO. 11017

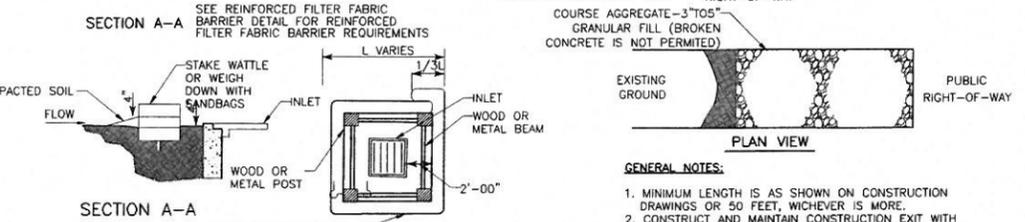
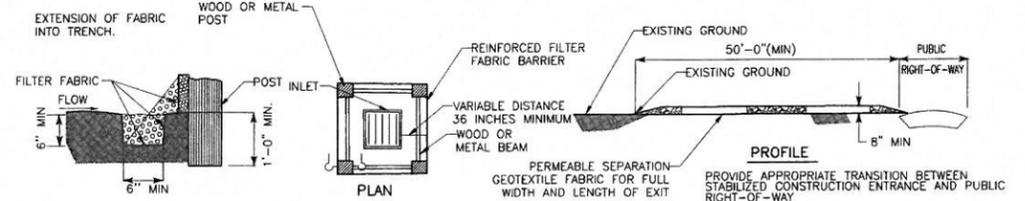
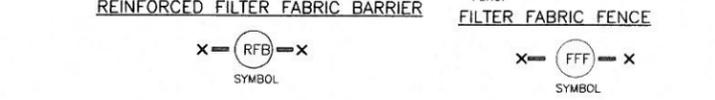


STORM WATER POLLUTION PREVENTION PLAN

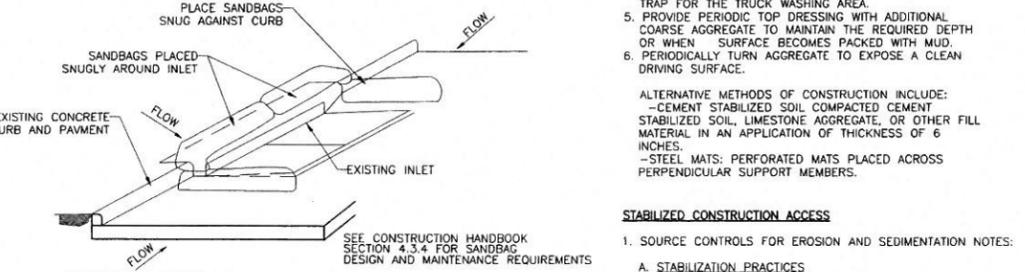
- LEGEND**
- (IPB) INLET PROTECTION BARRIER
 - (IST) INLET SEDIMENT TRAP
 - SANDBAGS, WATTLES, STRAW BLE FOR IPB/IST
 - (FFF) FILTER FABRIC FENCE
 - (RFB) REINFORCED FILTER FABRIC BARRIER
 - (SC) STABILIZED CONSTRUCTION EXIT
 - (I) POINT SOURCE LOCATION (SEE OUTSET FOR DETAIL)



- GENERAL NOTES:**
- SECURELY FASTEN MESH FENCING TO POSTS WITH STAPLES OR TIE WIRES.
 - SECURELY FASTEN FILTER FABRIC TO MESH FENCING.
 - WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER, OVERLAP 6 INCHES AT POST, FOLD TOGETHER, AND ATTACH TO A POST.
 - REMOVE SEDIMENT DEPOSITS WHEN SILT REACHES ONE-THIRD OF THE HEIGHT OF THE FENCE IN DEPTH.



INLET PROTECTION BARRIERS FOR STAGE I INLETS
IPB SYMBOL



- GENERAL NOTES:**
- BAGS OR WATTLES CAN BE USED FOR THIS APPLICATION.
 - REMOVE WOVEN OR UNWOVEN GEOTEXTILE FILTER FABRIC FOR BAGS
 - PROVIDE COARSE SAND AND AGGREGATE MIX FOR FILL MATERIAL FOR BAGS. USE ONLY PARTICLES CONSISTING OF CLEAN, HARD, DURABLE MATERIALS FREE FROM ADHERENT COATINGS, SALT, ALKALI, DIRT, CLAY, LOAM, SHALE, OR FLAKY MATERIALS, OR ORGANIC AND INJURIOUS MATTER.
 - REMOVE SEDIMENT DEPOSIT WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-THIRD THE HEIGHT OF THE BARRIER.

INLET PROTECTION BARRIERS FOR STAGE II INLETS
N.T.S. SYMBOL

- GENERAL NOTES:**
- SOURCE CONTROLS FOR EROSION AND SEDIMENTATION NOTES:
 - A. STABILIZATION PRACTICES:
 - HYDROMULCH SEEDING/SODDING OF DISTURBED AREAS. (TO BE PAID AS SEPARATE BID ITEM)
 - 1. STRUCTURAL PRACTICES:
 - FILTER FABRIC FENCE ALONG WITH RIGHT-OF WAY (ROW) CLOSE TO THE CONSTRUCTION DISTANCE ALONG ROW AND AT LEAST 100 FEET. CONSTRUCTION AREA. FILTER FABRIC FENCE SHALL BE AS MUCH AS THE
 - REINFORCED FILTER FABRIC BARRIER ACROSS DITCHES/SWALES AND CLOSE TO THE CONSTRUCTION AREA.
 - INLET PROTECTION BARRIERS NEAR THE CONSTRUCTION AREA FOR INLETS POTENTIALLY CONTAMINATED BY FLOW FROM CONSTRUCTION. THE CONTRACTOR MUST ENSURE THAT THE BARRIERS DO NOT CAUSE ANY TRAFFIC HAZARD.
 - 2. OFFSITE VEHICLE TRACKING:
 - THE CONTRACTOR SHALL MINIMIZE OFF-SITE TRACKING OF SEDIMENTS TRACKED OFF-SITE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT NO COST TO THE OWNER.
 - SPRINKLING WILL BE USED TO CONTROL DUST AS NECESSARY.
 - II. OTHER CONTROLS AND MAINTENANCE:
 - A. WASTE DISPOSAL:
 - WASTE MATERIALS: ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN SECURELY LIDDED METAL DUMPSTERS. THE DUMPSTERS WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND DEBRIS WILL BE HAULED TO AN APPROVED LANDFILL. NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ONSITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL.

NO.	DATE	DESCRIPTION	APPROVED

DESIGNED _____
DRAWN JAGS
CHECKED _____
DATE _____

B & L
BAKER & LAWSON, INC.
ENGINEERS - PLANNERS - SURVEYORS
800 E. CEDAR ST., ANGLETON, TEXAS 77515
PHONE: 878-848-8881 FAX: 878-848-8888
REG. NO. F-625



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TRAFFIC CONTROL PLAN ON MAGNOLIA, GARDENIA, CHINABERRY AND LAUREL STREETS

SHEET 2 OF 2 SHEETS
TRAFFIC CONTROL PLAN
PROJECT NO. 11017