



Fort Bend County Engineering  
FORT BEND COUNTY, TEXAS

J. Stacy Slawinski, P.E.  
County Engineer

June 1, 2020

Commissioner Vincent M. Morales, Jr.  
Fort Bend County Precinct 1  
1517 Eugene Heimann Circle, Suite 300  
Richmond, Texas 77469

**RE: Temporary Road Closure – Sienna Parkway from Waters Lake Boulevard to FM 521 for Roadway Repairs within (plat) Sienna Parkway Section 4 Street Dedication**

Dear Commissioner:

LJA Engineering, Inc. is requesting temporary road closure of Sienna Parkway from Waters Lake Boulevard to FM 521 for roadway repairs, pursuant to Section 251.011 of the Texas Transportation Code. The request for temporary road closure is from June 10, 2020 until the project is completed. The planned closure is for a period of four days unless impacted by weather.

The request will be placed on the June 9, 2020 Commissioners Court agenda. The detours and traffic control plan is attached. Advance warning signage will be posted prior to the road closure.

Should you have any questions please do not hesitate to call me at 281-633-7509.

Sincerely,

Rick J. Staigle, P.E., PTOE  
First Assistant County Engineer

RJS/mjs

Attachment: Detour map

cc: Ms. Amanda Carriage, P.E., CFM, LJA Engineering [acarriage@lja.com](mailto:acarriage@lja.com)  
Ms. Noe Escobar, P.E., LJA Engineering [nescobar@lja.com](mailto:nescobar@lja.com)  
Mr. Scott Frankovich, LJA Engineering [sfrankovich@lja.com](mailto:sfrankovich@lja.com)  
Mr. Neil Lewis, Johnson Development [neill@johnsondev.com](mailto:neill@johnsondev.com)  
Mr. Miguel Hurtado, Hurtado Construction [miguelhurtadojr@gmail.com](mailto:miguelhurtadojr@gmail.com)  
Mr. Harvey Jackson, City of Missouri City [Harvey.Jackson@Missouricitytx.gov](mailto:Harvey.Jackson@Missouricitytx.gov)  
Mr. Allen Stanton, R Construction [allen.stanton@rconstruction.com](mailto:allen.stanton@rconstruction.com)  
Mr. Scott Wiegat, FBC Road & Bridge  
Mr. Wesley Crawford, FBC Engineering  
Mr. Brian Fields, FBC Road & Bridge  
Mr. Chris Debaillon, P.E., PTOE, Assistant County Engineer -Traffic  
Major Chad Norvell, FBC Sheriff's Office [Chad.norvell@fortbendcountytexas.gov](mailto:Chad.norvell@fortbendcountytexas.gov)  
File

301 Jackson St., Suite 401, Richmond, TX 77469  
Phone 281-633-7500



1904 W Grand Parkway N, Suite 100, Katy, Texas 77449  
t 713.953.5200 f 713.953.5026 LJA.com TBPE F-1386

May 22, 2020

Commissioner Vincent Morales  
Fort Bend County Precinct One  
301 Jackson Street  
Richmond, Texas 77469

Re: Sienna Parkway Road Closure Request  
From Waters Lake Boulevard to FM 521  
Sienna Plantation Municipal Utility District No. 5  
LJA Job No.: 1415-1504B (6.1)

Dear Commissioner Morales:

This letter is in regards to the above referenced project. The one year bond cancelation inspection was held on January 27, 2020 with representatives from Fort Bend County, LJA Engineering, R Construction and Hurtado Construction. During the inspection, the following were identified by Fort Bend County to be removed and replaced due to cracking (also shown on the attached exhibit):

- Station 106+00 – 6' X 6' remove and replacement
- Station 127+50 – 6' X 6' remove and replacement
- Station 68+90 thru 69+50 - remove and replacement of full width panel

Due to the location of the repairs listed above, we are requesting that Sienna Parkway be closed to the public from Waters Lake Boulevard to FM 521 for a period of 4 days within the dates of June 10<sup>th</sup> to June 30<sup>th</sup>. We recommend closing the roadway so that the repairs can be completed while maintaining public safety. LJA will coordinate with the Sienna Home Owners Association to assist with informing the residents of the road closure dates.

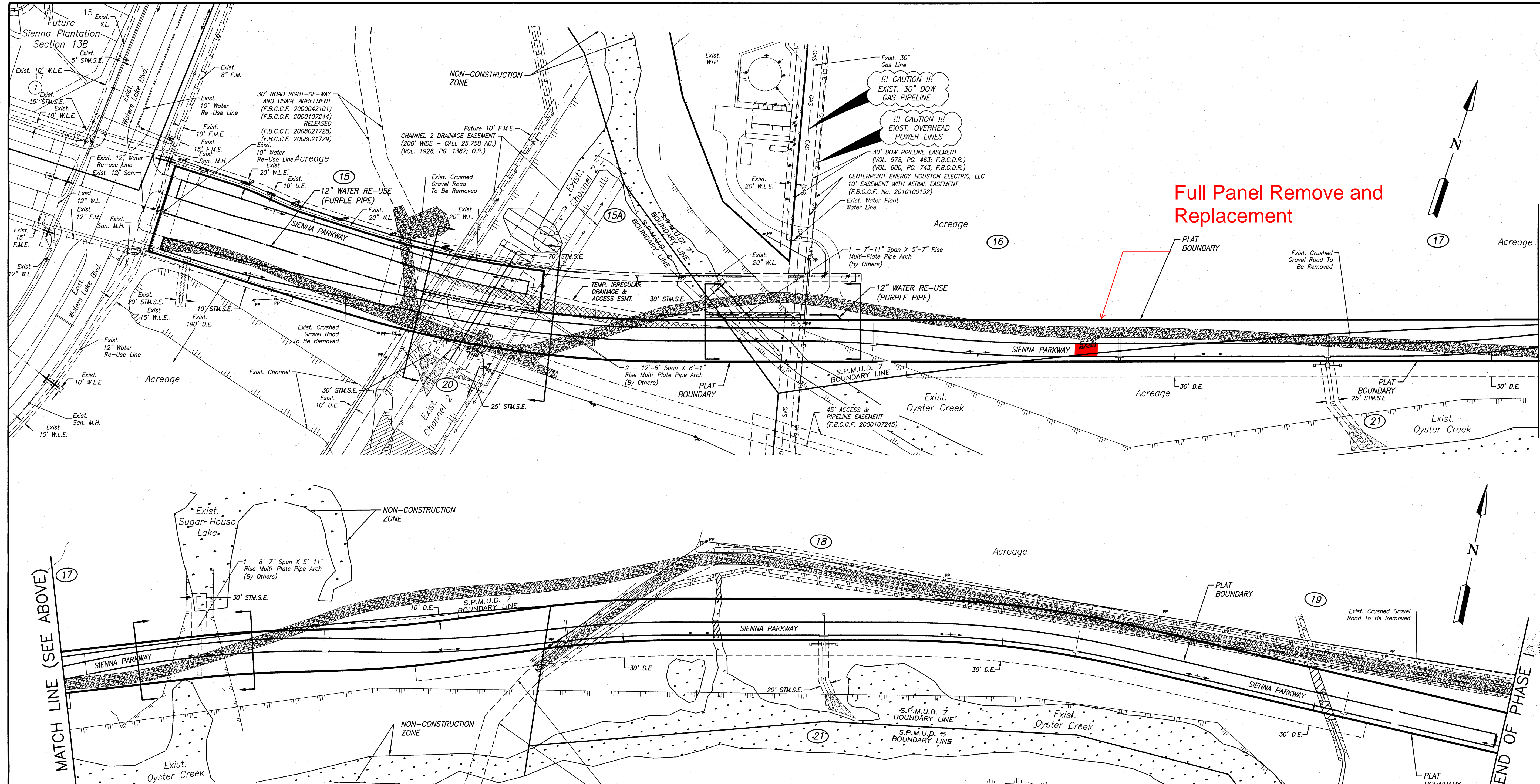
During the 4 days of closure, the contractors can properly construct the new pavement. High early strength concrete will be used so that the required 3500 psi is met prior to opening the road to the public. A representative from LJA and the lab will be onsite and Fort Bend County will be notified of all work being done so that they may properly monitor the repairs.

Sincerely,

A handwritten signature in blue ink that reads 'Amanda Carriage'.

Amanda Carriage, PE, CFM  
Vice President

AC/jb



**BENCHMARK:**  
 FND. 4 INCH BRASS DISC LOCATED IN A  
 Poured Concrete Post in the GRASSY AREA  
 IN FRONT OF MISSOURI CITY FIRE STATION No.  
 5. SURVEY MARKER NO. PCM-011 ELEVATION =  
 59.97 (2001 ADJUSTMENT)

**PAVING RECORD DRAWING**  
 I HEREBY CERTIFY THAT THIS DRAWING  
 REFLECTS THE IMPROVEMENTS CONSTRUCTED  
 AS TO SIZE, LOCATION, AND GRADE; AND  
 THAT THE CONSTRUCTION WAS IN SUBSTANTIAL  
 COMPLIANCE WITH THE CONTRACT DOCUMENTS.

CONTRACTOR: *Shashy* DATE: 2/19/18

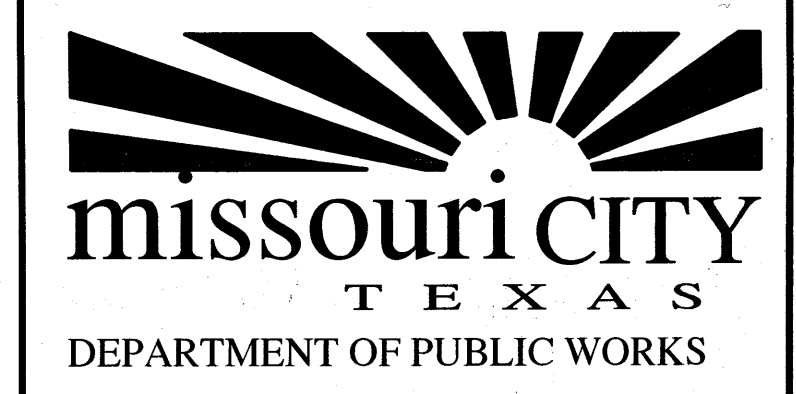
**WS&D RECORD DRAWING**  
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CONTRACTOR: *Shashy* DATE: 2/19/18

DATE	REVISION	BY

FORT BEND COUNTY ENGINEERING DEPARTMENT

APPROVED: *Mary*  
 DEVELOPMENT COORDINATOR  
 DATE: 2/19/18



SHASHI K. KUMAR, P.E., CITY ENGINEER

SIENNA PLANTATION MUNICIPAL  
 UTILITY DISTRICT NO. 5

SIENNA PARKWAY FROM  
 WATERS LAKE BOULEVARD  
 TO CHANNEL 1-1

**WATER AND WATER  
 RE-USE LAYOUT**

**LJA Engineering, Inc.**  
 1904 W. Grand Parkway North Phone 713.953.5200  
 Suite 100 Fax 713.953.5026  
 Katy, Texas 77449 FRN - F-1386

LJA PROJECT NO.: 1415-1504A & 1415-1504B

DRAWN: ST/DR DESIGN: ST/SF DATE: JANUARY 2018

SCALE: 1" = 100'

SHEET NO. 06 of 50

Texas Commission on Environmental Quality  
 Water Line (WL) - Sanitary Sewer (SS) Crossings  
 Minimum Standards 290.44(e)

	PROPOSED WATER LINE				PROPOSED SANITARY SEWER			
	EXISTING SS	PROP SS	EXISTING WL	PROP WL	EXISTING SS	PROP SS	EXISTING WL	PROP WL
Minimum 2 feet vertical clearance	√	√	√	√	√	√	√	√
Place 1 full section (min 18 ft) of WL centered at SS crossing, spaced at least 9 ft horizontally from centerline of SS	√	√	√	√	√	√	√	√
Place 1 full section (min 18 ft) of SS centered at WL crossing, spaced at least 9 ft horizontally from centerline of WL	√	√	√	√	√	√	√	√
Replace 1 full section, nine ft in both directions (18 ft total), of existing SS with 150 psi pressure-rated pipe centered at WL crossing	√	√	√	√	√	√	√	√
Provide 1 full section (min 18 ft) of DIP or steel pipe WL with restrained joints or an encased WL. Encase in pressure pipe with min 115 psi at 5% deflection at least two nominal sizes larger with spacers at 5 ft (or less) intervals. Joints shall be centered and an absolute minimum of six inch spacing between the crossing pipe shall be provided.	√	√	√	√	√	√	√	√
Embed SS with CSS for the total length of 1 pipe segment plus 1 foot beyond the joints on each end	√	√	√	√	√	√	√	√
Place 1 full section (min 18 ft) of min 150 psi SS centered at WL crossing. Provide restrained joints on SS, spaced at least 9 ft horizontally from centerline of WL or encase in a joint of 150 psi pressure pipe (min 18 ft) two nominal sizes larger with spacers at 5ft (or less) intervals	√	√	√	√	√	√	√	√

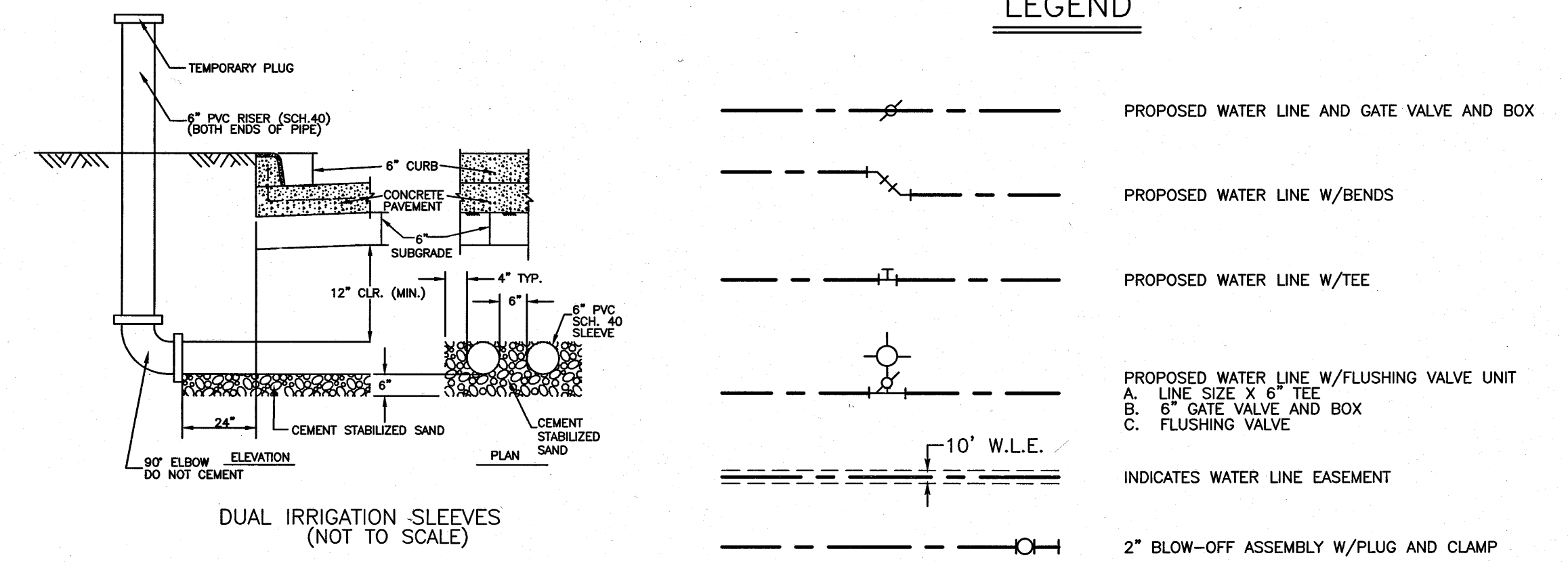
1. Minimum clearance is 2 feet for non-pressure rated SS and 6 inches for pressure rated SS (with at least 150 psi pressure rating)  
 2. Minimum clearance is 2 feet for non-pressure rated SS and 1 foot for pressure rated SS  
 3. Required if existing SS is disturbed and/or there is evidence of leakage

Note:  
 a. Sanitary sewers (SS) is applicable to both wastewater mains and laterals  
 b. Both water lines and wastewater mains or laterals must pass a pressure and leakage test as specified in AWWA C-600 standards  
 c. Cement Stabilized Sand (CSS) shall have a minimum of 10% cement per cubic yard of cement stabilized sand mixture, based on loose dry weight volume (at least 2.5 bags of cement per cubic yard of mixture). The cement stabilized sand shall be a minimum of six inches above and four inches below the wastewater main or lateral.  
 d. For any Water and Sanitary Sewer crossing contractor shall use the following sanitary pipe, ASTM D-2241, SDR 26 (PR 150), AWWA compliant. Unless otherwise noted.

SCANLIN ROAD (PRIVATE) 30' ROAD RIGHT-OF-WAY  
 AND USAGE AGREEMENT (F.B.C.C.F. 2000042101)  
 (F.B.C.C.F. 2000107244) RELEASED  
 (F.B.C.C.F. 200821729) (F.B.C.C.F. 200821729)

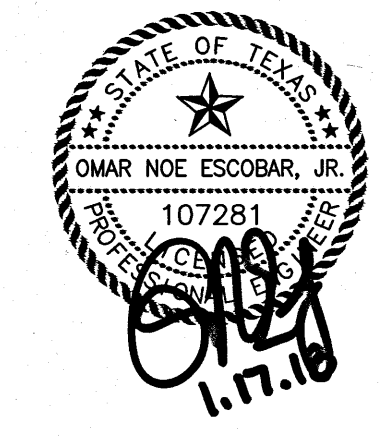
**WATER DISTRIBUTION SYSTEM**

**LEGEND**



INDICATES AREA  
 TO AVOID UNTIL  
 ARCH CULVERTS  
 INSTALLATION IS  
 COMPLETE

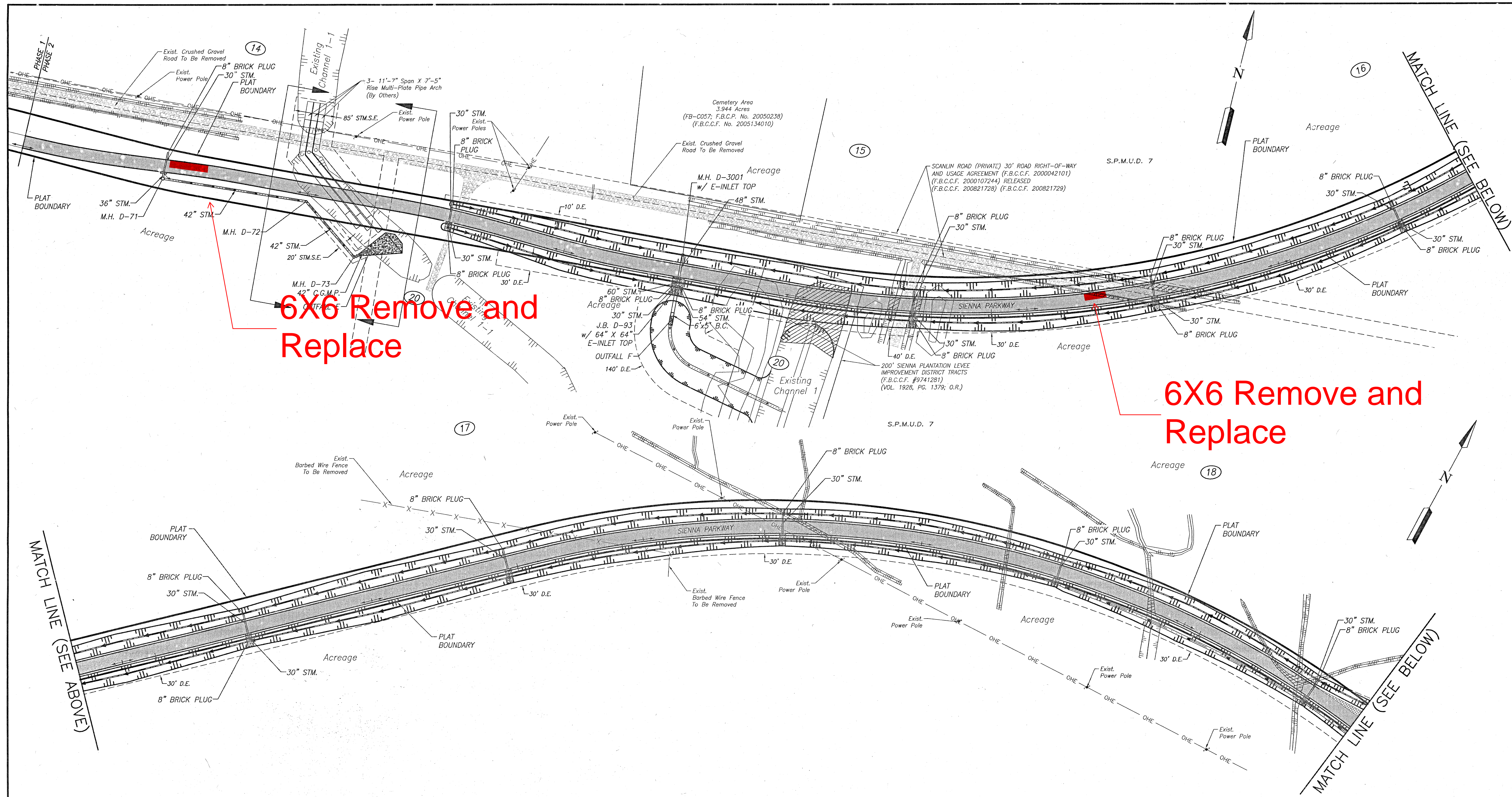
THE PAVING AND UTILITY CONTRACTOR SHALL  
 COORDINATE WITH THE ARCH PIPE CONTRACTOR  
 AND COMMENCE CONSTRUCTION OF PAVING AND  
 UTILITIES WITHIN THESE SECTIONS ONLY AFTER  
 THE ARCH PIPES HAVE BEEN INSTALLED.



Date: Time: User: Project Name: 16 Jun 2018 7:52:26am USER: coriza Path Name: I:\Projects\1415-1504A\SS&WL\Sheet Title: 06 WATER AND WATER RE-USE LAYOUT.dwg

SIENNA PARKWAY FROM WATERS LAKE BOULEVARD TO CHANNEL 1-1 - JOB NO. 1415-1504A & 1415-1504B





**BENCHMARK:**  
 FND. 4 INCH BRASS DISC LOCATED IN A  
 POURED CONCRETE POST IN THE GRASSY AREA  
 IN FRONT OF MISSOURI CITY FIRE STATION NO.  
 5. SURVEY MARKER NO. FCM-011 ELEVATION =  
 59.97 (2001 ADJUSTMENT)

1. THE DRAINAGE EASEMENTS SHOWN HEREON WILL BE MAINTAINED  
 BY THE SIENNA PLANTATION MUNICIPAL UTILITY DISTRICT NO. 5.

**6X6 Remove and  
 Replace**

**6X6 Remove and  
 Replace**

**PAVING RECORD DRAWING**  
 I HEREBY CERTIFY THAT THIS DRAWING  
 REFLECTS THE IMPROVEMENTS CONSTRUCTED  
 AS TO SIZE, LOCATION, AND GRADE; AND  
 THAT THE CONSTRUCTION WAS IN SUBSTANTIAL  
 COMPLIANCE WITH THE CONTRACT DOCUMENTS.

CONTRACTOR: *dn* DATE: *9/16/18*  
 TITLE: *em*

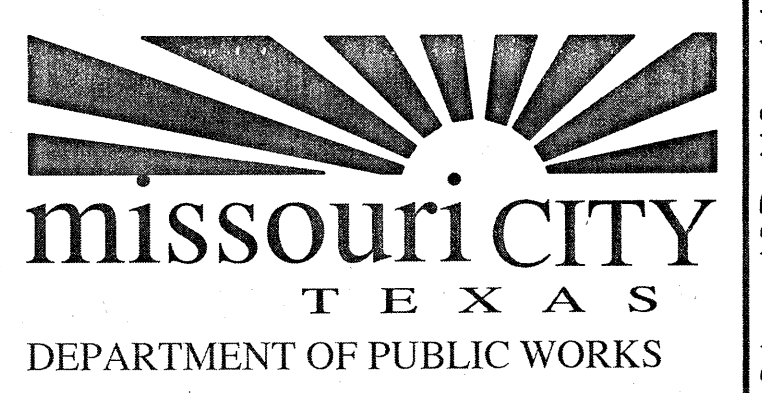
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CONTRACTOR: *dn* DATE: *9/16/18*  
 TITLE: *em*

DATE	REVISION	BY

FORT BEND COUNTY ENGINEERING DEPARTMENT

APPROVED: *Majid*  
 DEVELOPMENT COORDINATOR  
 DATE: *2/19/18*



SHASHI K. KUMAR, P.E., CITY ENGINEER

SIENNA PLANTATION MUNICIPAL  
 UTILITY DISTRICT NO. 5

SIENNA PARKWAY FROM  
 CHANNEL 1-1 TO F.M. 521

**PAVING AND STORM  
 SEWER LAYOUT**

**LJA Engineering, Inc.**  
 1904 W. Grand Parkway North Phone 713.953.5200  
 Suite 100 Fax 713.953.5026  
 Katy, Texas 77449 FRN - F-1389

LJA PROJECT NO.: 1415-1504A & 1415-1504B

DRAWN: *ST* DESIGN: *ST/SF* DATE: DECEMBER 2017

SCALE: 1" = 100'

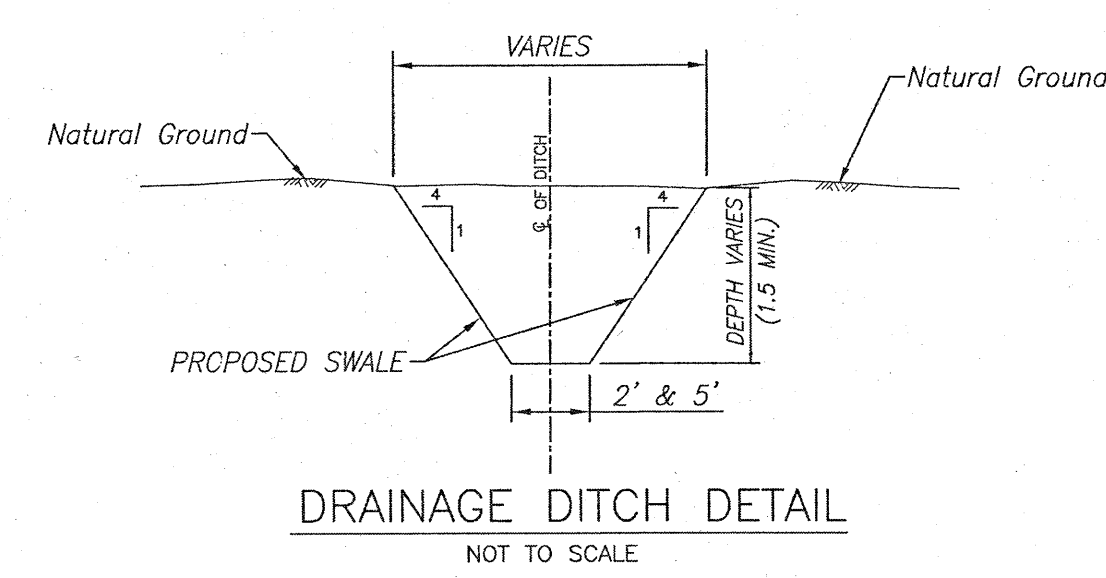
SHEET NO. 06 OF 50

**STORM SEWER  
 SYSTEM LEGEND**

- PROPOSED STORM SEWER AND MANHOLE
- EXISTING STORM SEWER AND MANHOLE
- PROPOSED STORM SEWER, MANHOLE, AND "H-2" INLETS
- PROPOSED PAVEMENT
- INDICATES STORM SEWER EASEMENT
- INDICATES PAVING SUMMIT
- INDICATES SHEET REFERENCE
- INDICATES BLOCK NUMBER

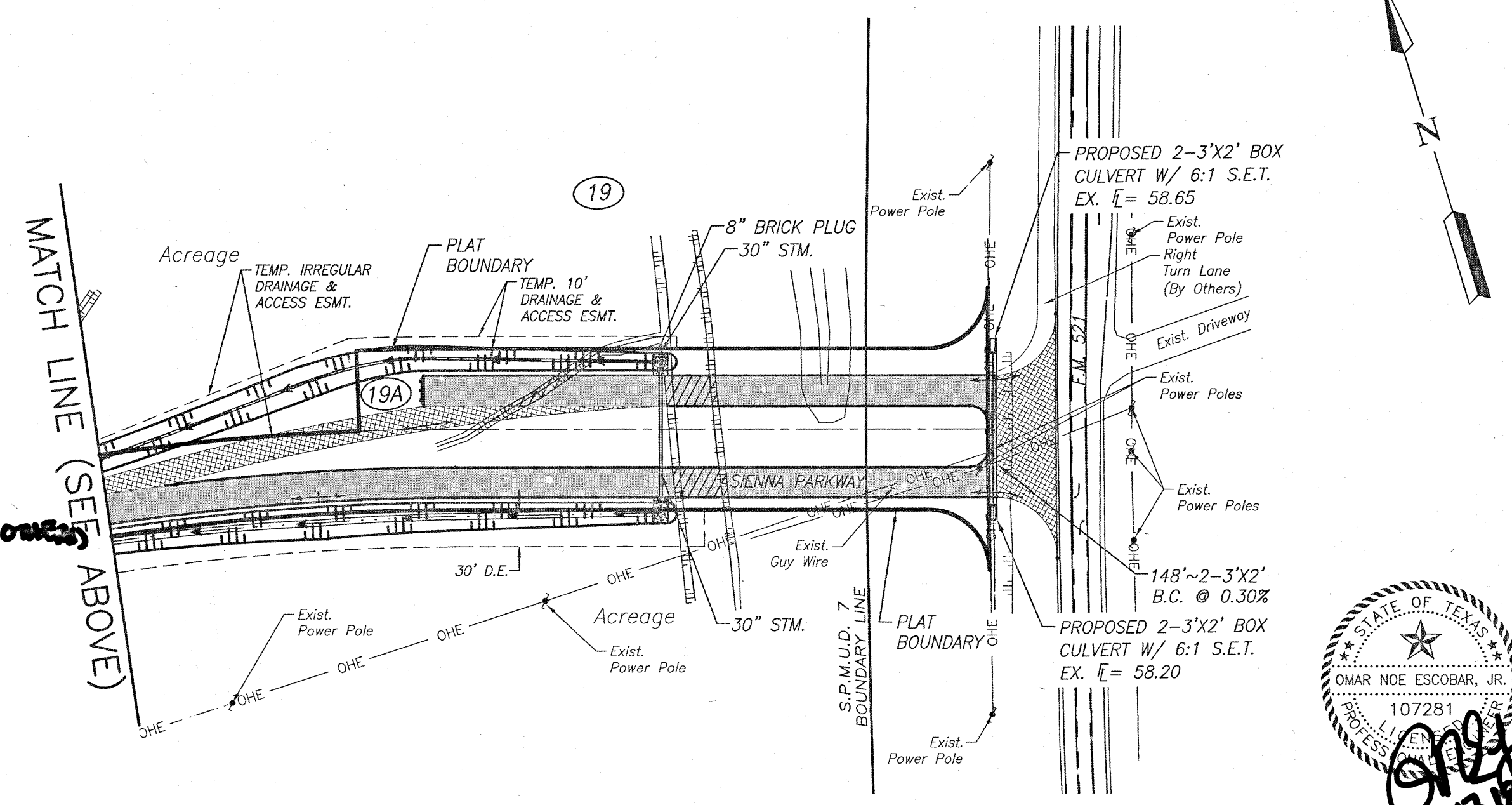
**LEGEND**

- EXISTING GRAVEL ROAD
- 2" TYPE "D" HMA ASPHALT PWT AS PER COMC DETAILS MC-19-25
- 8" PAVEMENT W/ 6" CURB
- AREA TO BE FILLED



**INDICATES  
 - ARCH PIPE  
 CROSSING (BY OTHERS)**

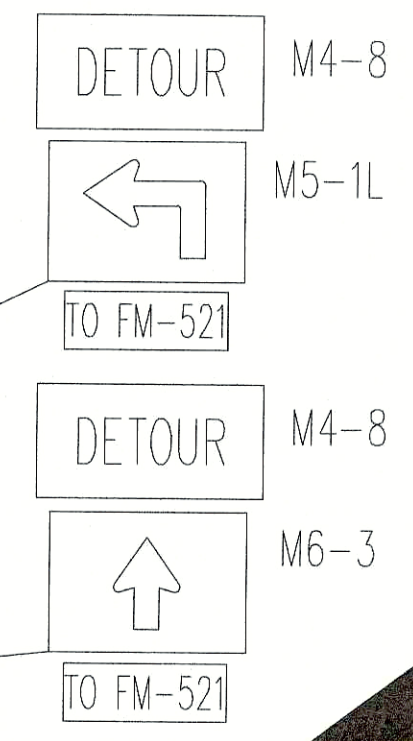
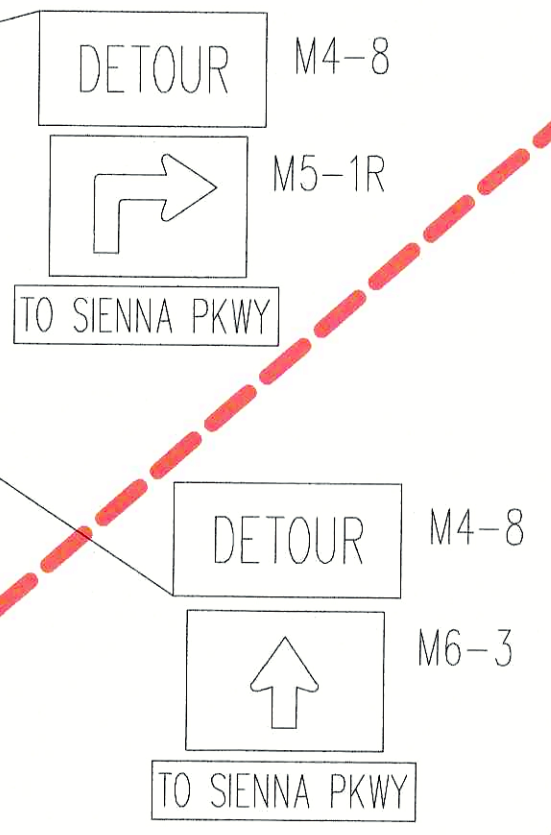
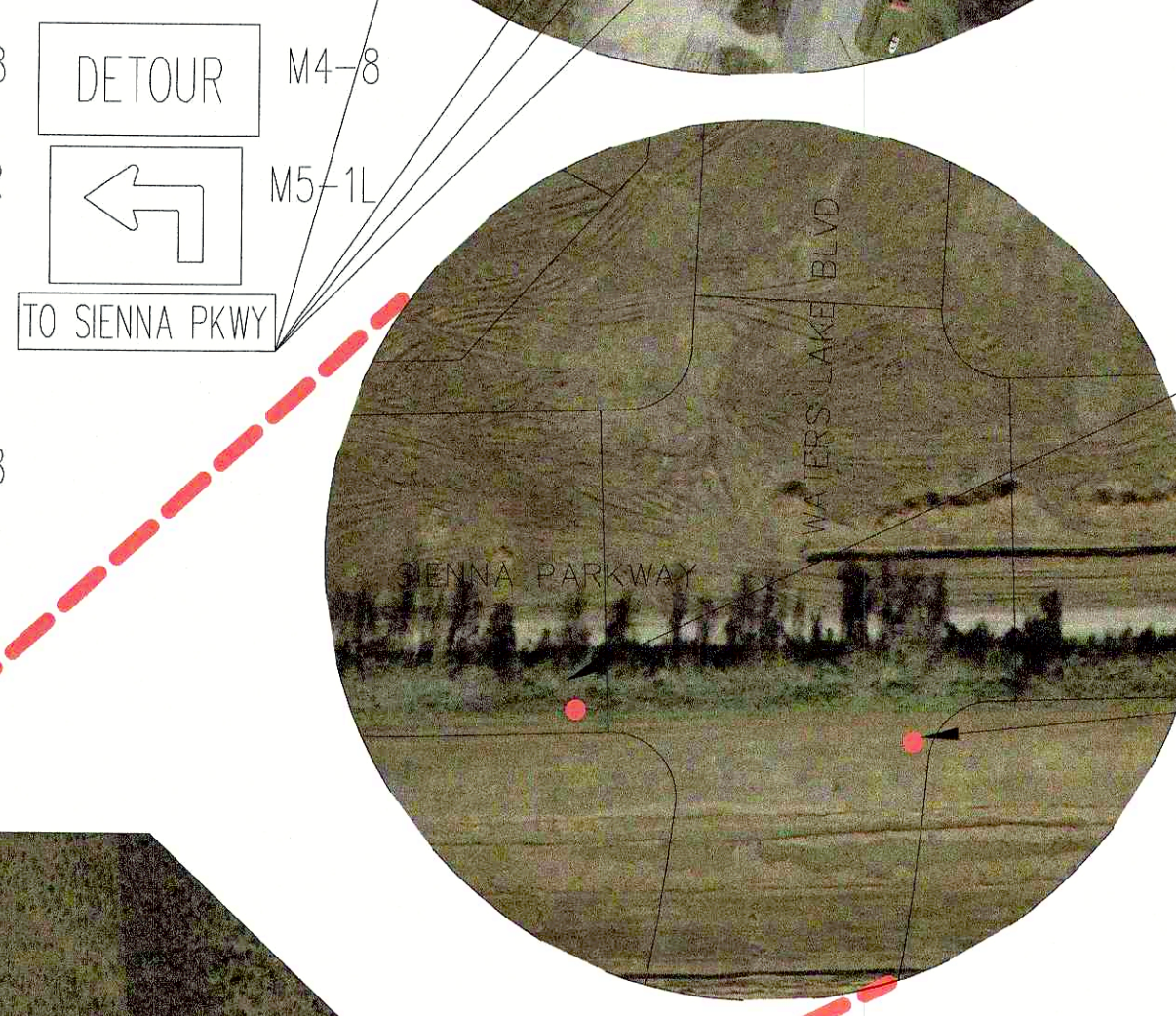
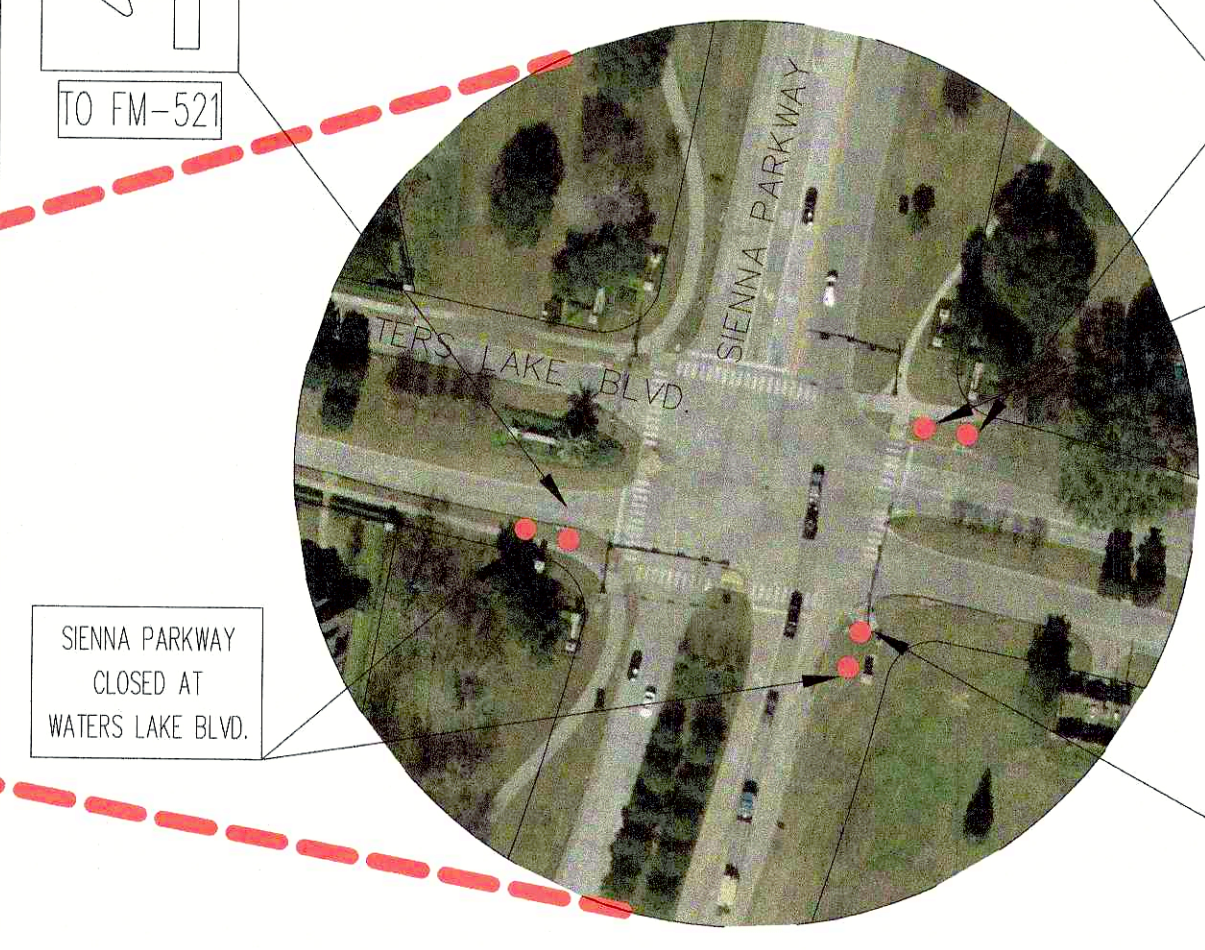
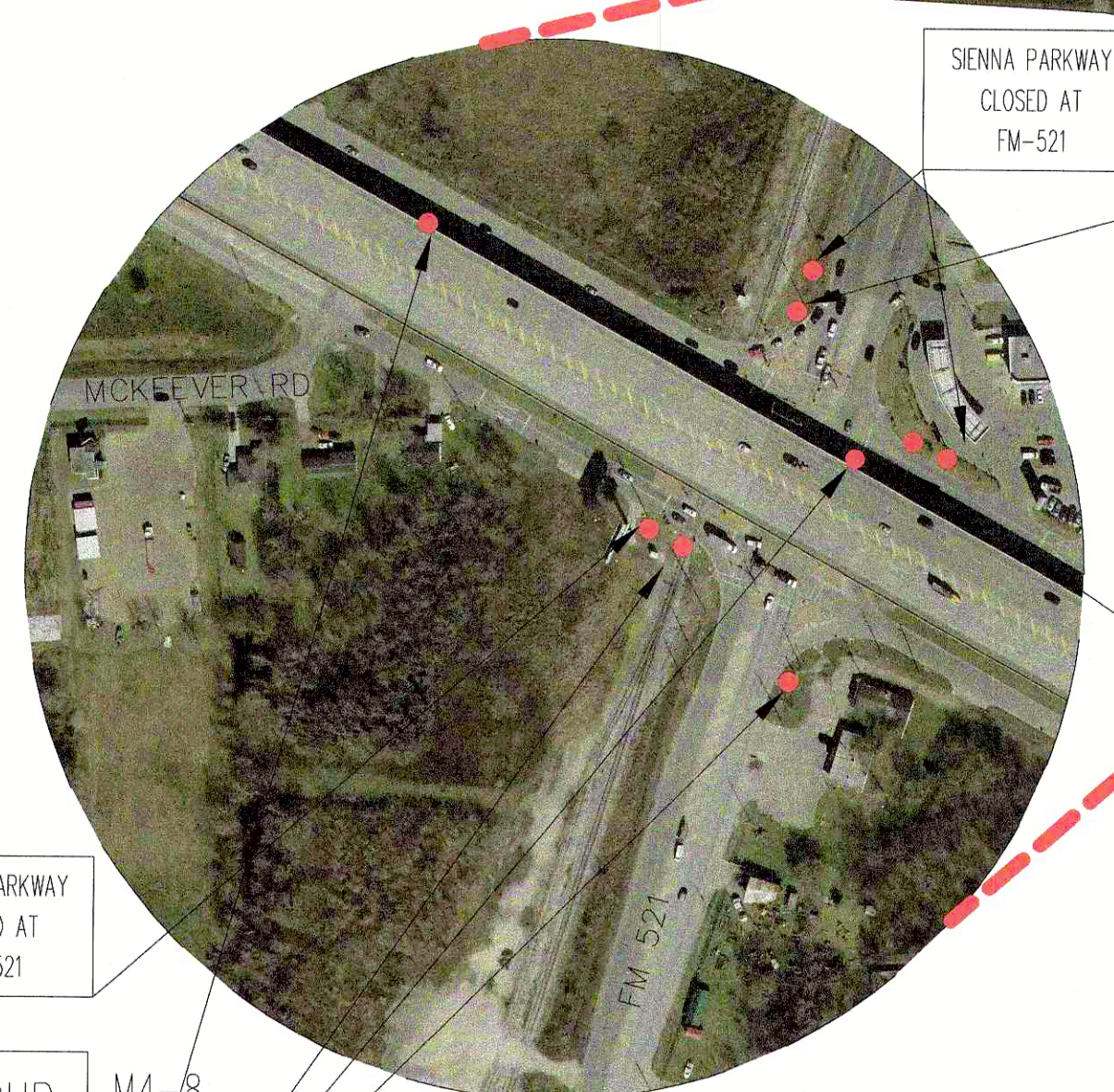
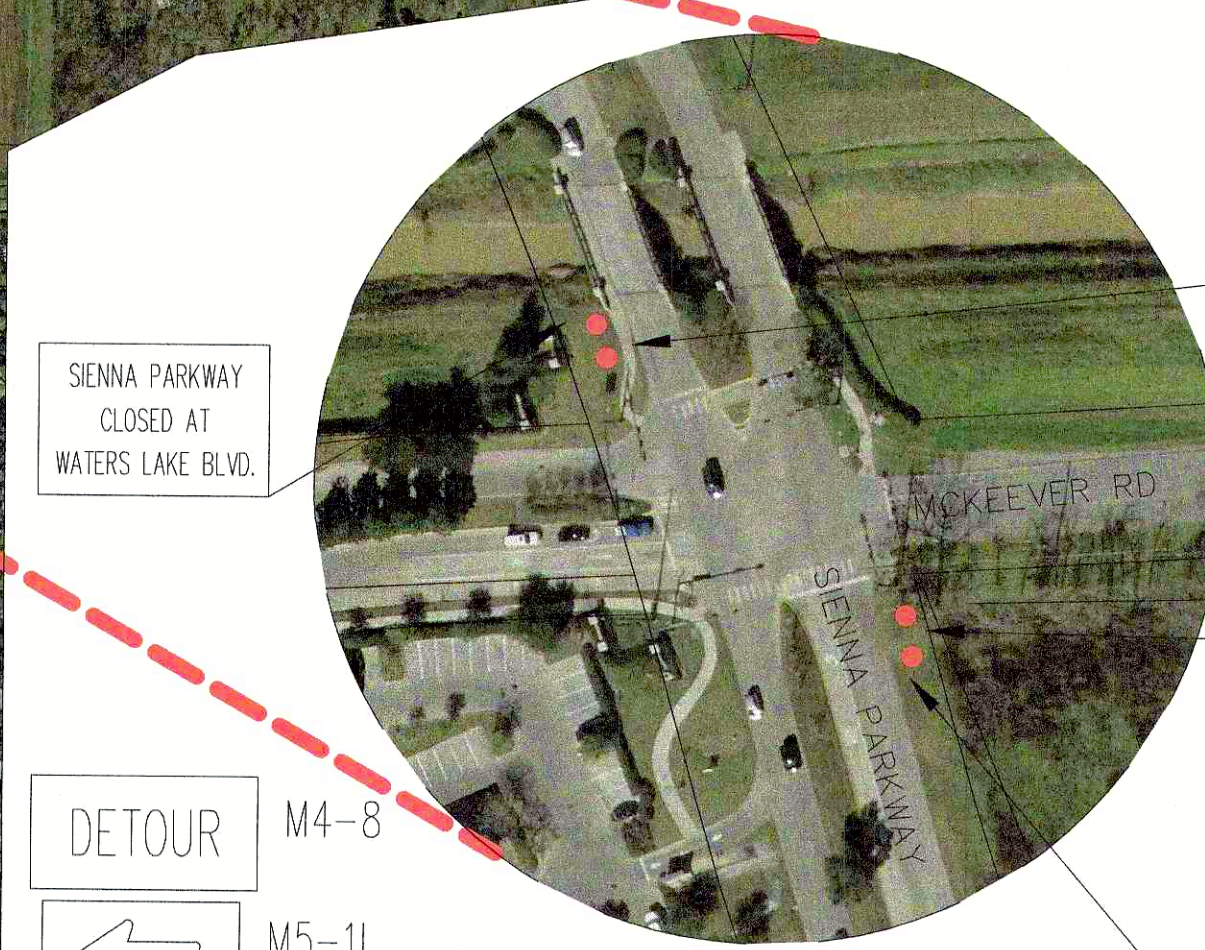
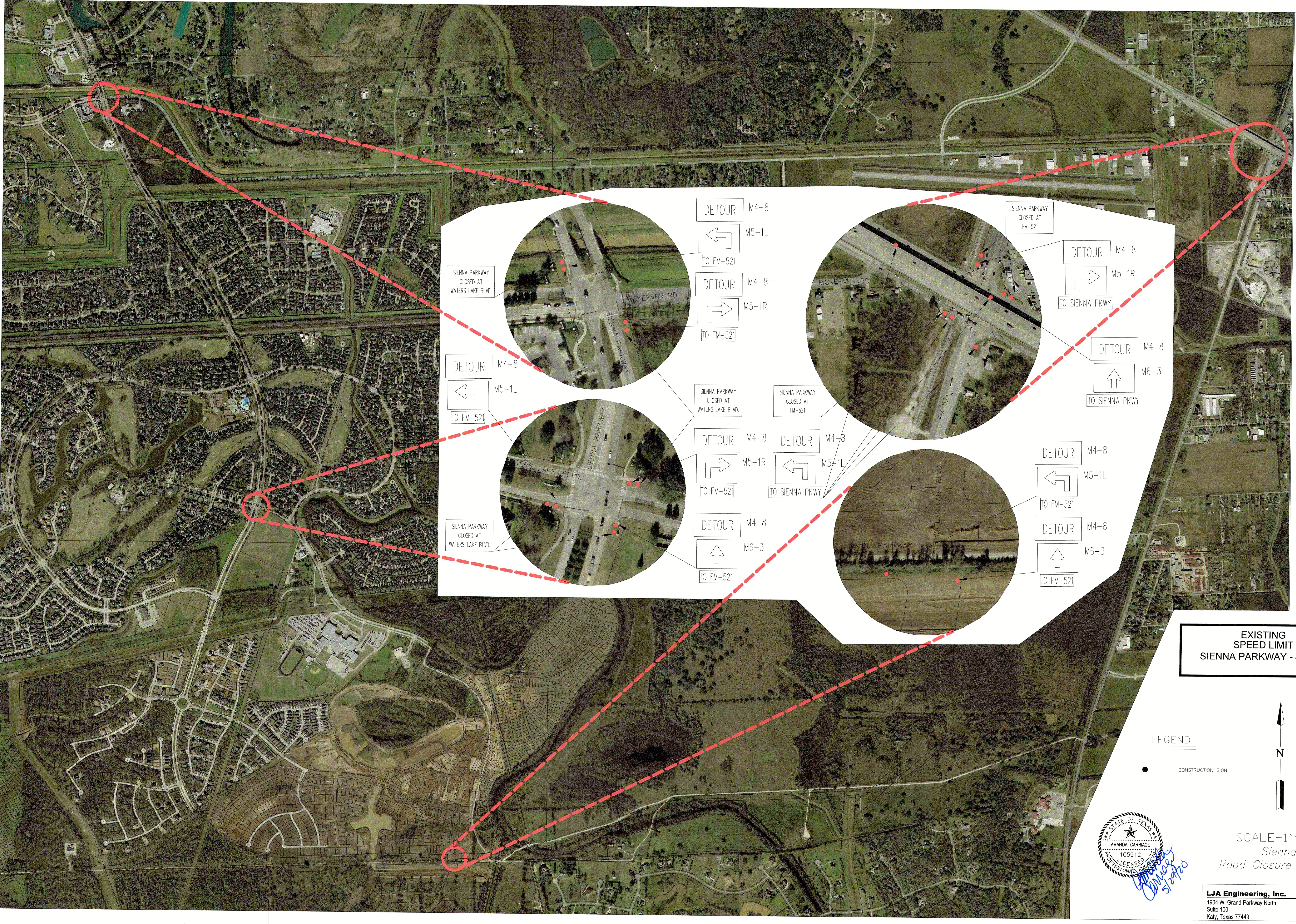
THE PAVING AND UTILITY CONTRACTOR SHALL  
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Date: 1/17/2018 11:57am User: stormst...  
 Path Name: P:\Projects\1415-1504A-1504B\_Sheet\_Plan\06\_PAVING AND STORM SEWER LAYOUT.dwg

SIENNA PARKWAY FROM CHANNEL 1-1 TO F.M. 521 - JOB NO. 1415-1504A & 1415-1504B

Block Time: Fri, 25 Nov 2016 10:21:00 AM  
User Name: rstormfield  
Path Name: \\Z:\BEGUN\GROUP\EPH\15-29-20\Access\301\_Sienna\_Parkway\_Road\_Closure\_Detours\_LV.dwg



EXISTING SPEED LIMIT  
SIENNA PARKWAY - 45 MPH

LEGEND

CONSTRUCTION SIGN

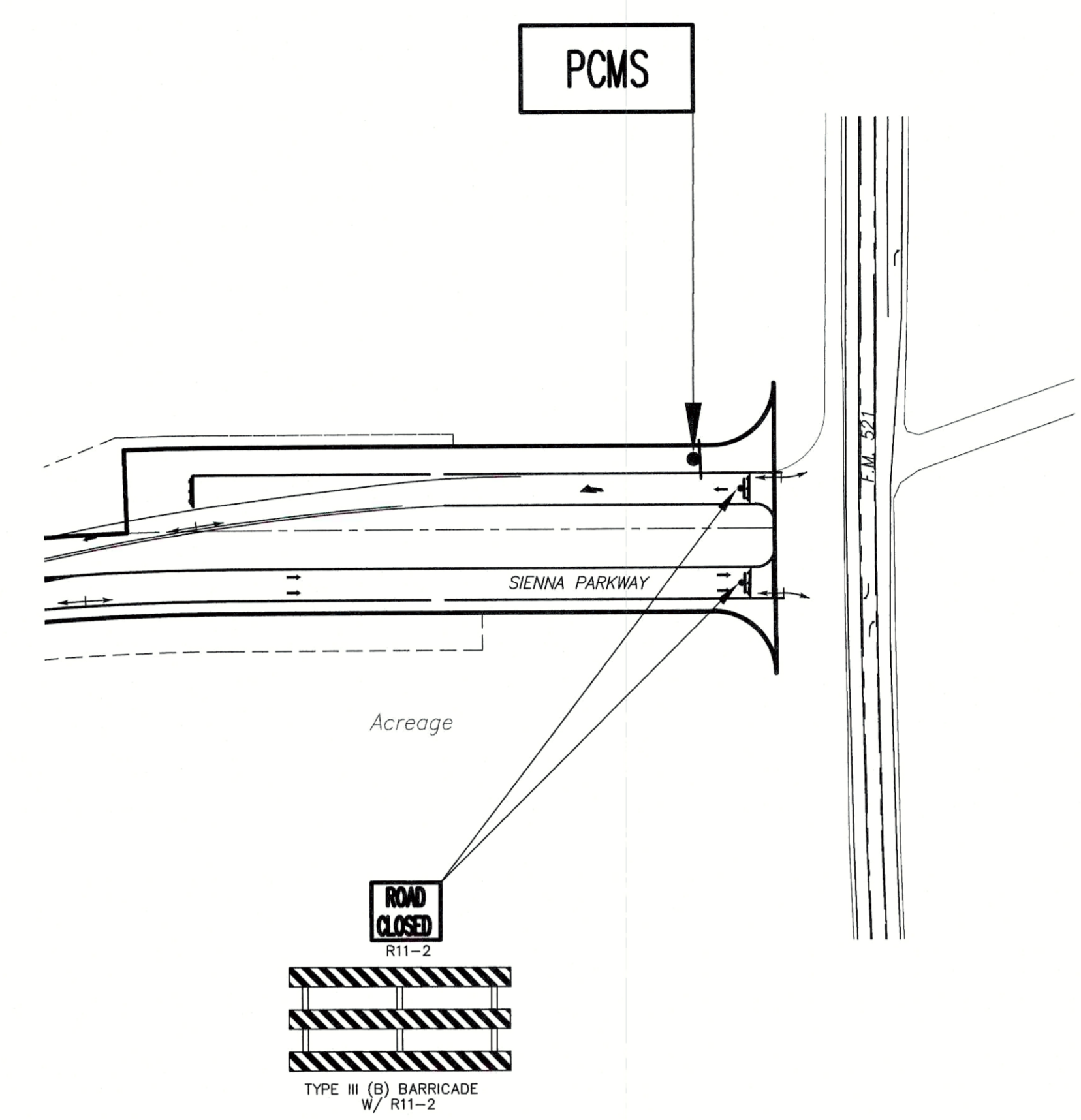
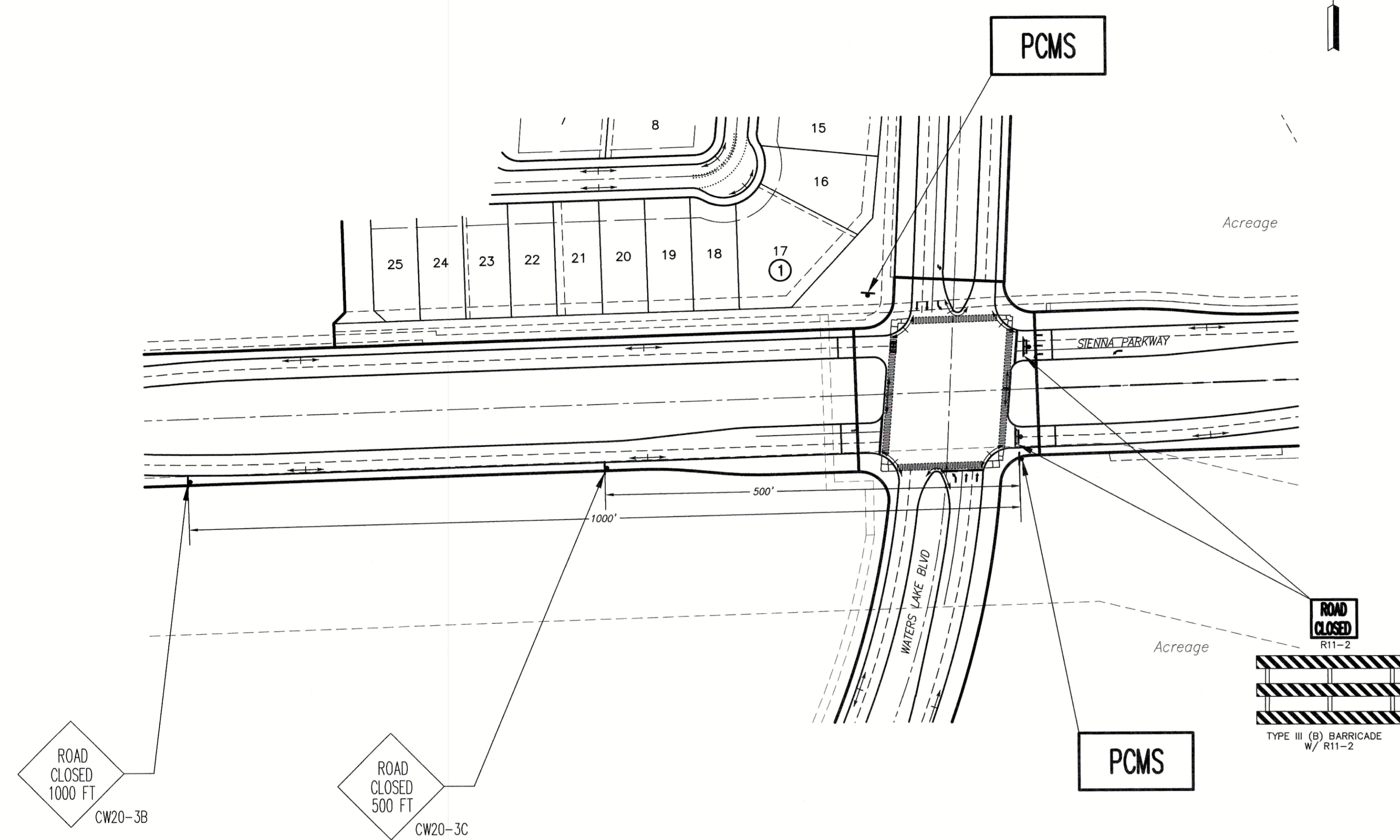


SCALE - 1" = 700'  
Sienna  
Road Closure Detours



**LJA Engineering, Inc.**  
1904 W. Grand Parkway North  
Suite 100  
Katy, Texas 77449  
Phone 713.953.5200  
Fax 713.953.5026  
FRN-F-1386

**BENCHMARK:**  
 FND. 4 INCH BRASS DISC LOCATED IN A  
 POURED CONCRETE POST IN THE GRASSY AREA  
 IN FRONT OF MISSOURI CITY FIRE STATION No.  
 5. SURVEY MARKER NO. PCM-011 ELEVATION =  
 59.97 (2001 ADJUSTMENT)



## SIENNA PARKWAY @ WATERS LAKE BLVD

NOTES FOR PCMS AT WATERS LAKE BLVD INTERSECTION:

1. PCMS TO BE INSTALLED 2 WEEKS PRIOR TO CLOSURE
2. PCMS MESSAGE TO READ "SIENNA PKWY TO FM 521 CLOSED X/XX TO X/XX"

**EXISTING  
 SPEED LIMIT  
 SIENNA PARKWAY - 45 MPH**

## SIENNA PARKWAY @ 521

NOTE FOR PCMS AT 521 INTERSECTION:

1. PCMS TO BE INSTALLED 2 WEEKS PRIOR TO CLOSURE
2. PCMS MESSAGE TO READ "SIENNA PKWY TO WATERS LAKE CLOSED X/XX TO X/XX"

### LEGEND

- CONSTRUCTION SIGN
- TRAFFIC DIRECTION

### PAVING RECORD DRAWING

I HEREBY CERTIFY THAT THIS DRAWING  
 REFLECTS THE IMPROVEMENTS CONSTRUCTED  
 AS TO SIZE, LOCATION, AND GRADE; AND  
 THAT THE CONSTRUCTION WAS IN SUBSTANTIAL  
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CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

### WS&D RECORD DRAWING

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CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE	REVISION	BY

FORT BEND COUNTY ENGINEERING DEPARTMENT

APPROVED: \_\_\_\_\_  
 DEVELOPMENT COORDINATOR

DATE: \_\_\_\_\_

**missouri city**  
 TEXAS  
 DEPARTMENT OF PUBLIC WORKS

SHASHI K. KUMAR, P.E., CITY ENGINEER

SIENNA PLANTATION MUNICIPAL  
 UTILITY DISTRICT NO. 5

SIENNA PARKWAY FROM  
 CHANNEL 1-1 TO F.M. 521

**LJA Engineering, Inc.**  
 1904 W. Grand Parkway North Phone 713.953.5200  
 Suite 100 Fax 713.953.5029  
 Katy, Texas 77449 FRN - F-1386

LJA PROJECT NO.: 1415-1504A & 1415-1504B  
 DESIGNED BY: JE DESIGN: SF DATE: MAY 2020

SCALE: 1" = 100'



Date: Time: Fri, 29 May 2020 3:48pm USER: rstonfield Path: \\Z:\BROWN\GROUP\Usher\5-26-20\request for Sienna Parkway Road Closure 5-26-20.dwg

SIENNA PARKWAY FROM CHANNEL 1-1 TO F.M. 521 - JOB NO. 1415-1504A & 1415-1504B