



**REVIEW BY FORT BEND COUNTY  
COMMISSIONERS COURT**

**Fort Bend County  
Engineering Department**  
301 Jackson Suite 401  
Richmond, Texas 77469  
281.633.7500  
Permits@fortbendcountytexas.gov



Right of Way Permit



Commercial Driveway Permit

Permit No: 2018-23223

**Applicant:** PS Lightwave, Inc

**Job Location Site:** Briarwood Crossing, Rosenberg, TX 77471

**Bond No.**                      **Date of Bond:** 12/13/2016 **Amount:** \$50,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

**Notes:**

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
  - a. 48 hours in advance of construction start up, and
  - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 25th day of September, 2018, Upon Motion of Commissioner Meyers, seconded by Commissioner McRae, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

**Signature**

Presented to Commissioners Court and approved.

By: Sean Eglinton

County Engineer

Date Recorded 10-3-2018 Comm. Court No. 16A

N/A

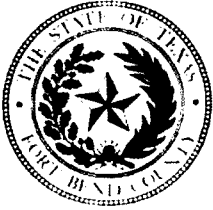
Clerk of Commissioners Court

By:                     

Drainage District Engineer/Manager

By: Janita Willis

Deputy



**PERMIT APPLICATION REVIEW FORM FOR  
CABLE, CONDUIT, AND POLE LINE ACTIVITY  
IN FORT BEND COUNTY**

**Fort Bend County  
Engineering Department**  
301 Jackson Suite 401  
Richmond, Texas 77469  
281.633.7500  
Permits@fortbendcountytexas.gov

- ☒ Right of Way Permit  
☐ Commercial Driveway Permit

Permit No: 2018-23223

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

**(1) COMPLETE APPLICATION FORM:**

- ☒ a. Name of road, street, and/or drainage ditch affected.  
☒ b. Vicinity map showing course of directions  
☒ c. Plans and specifications

**(2) BOND:**

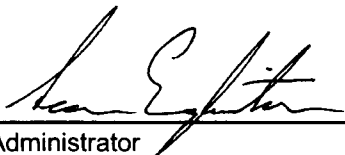
- ☐ County Attorney, approval when applicable.
- ☒ Perpetual bond currently posted.      Bond No: [REDACTED]      Amount: \$50,000.00
- ☐ Performance bond submitted.      Bond No:      Amount:
- ☐ Cashier's Check      Check No:      Amount:

**(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):**

\_\_\_\_\_  
Drainage District Approval

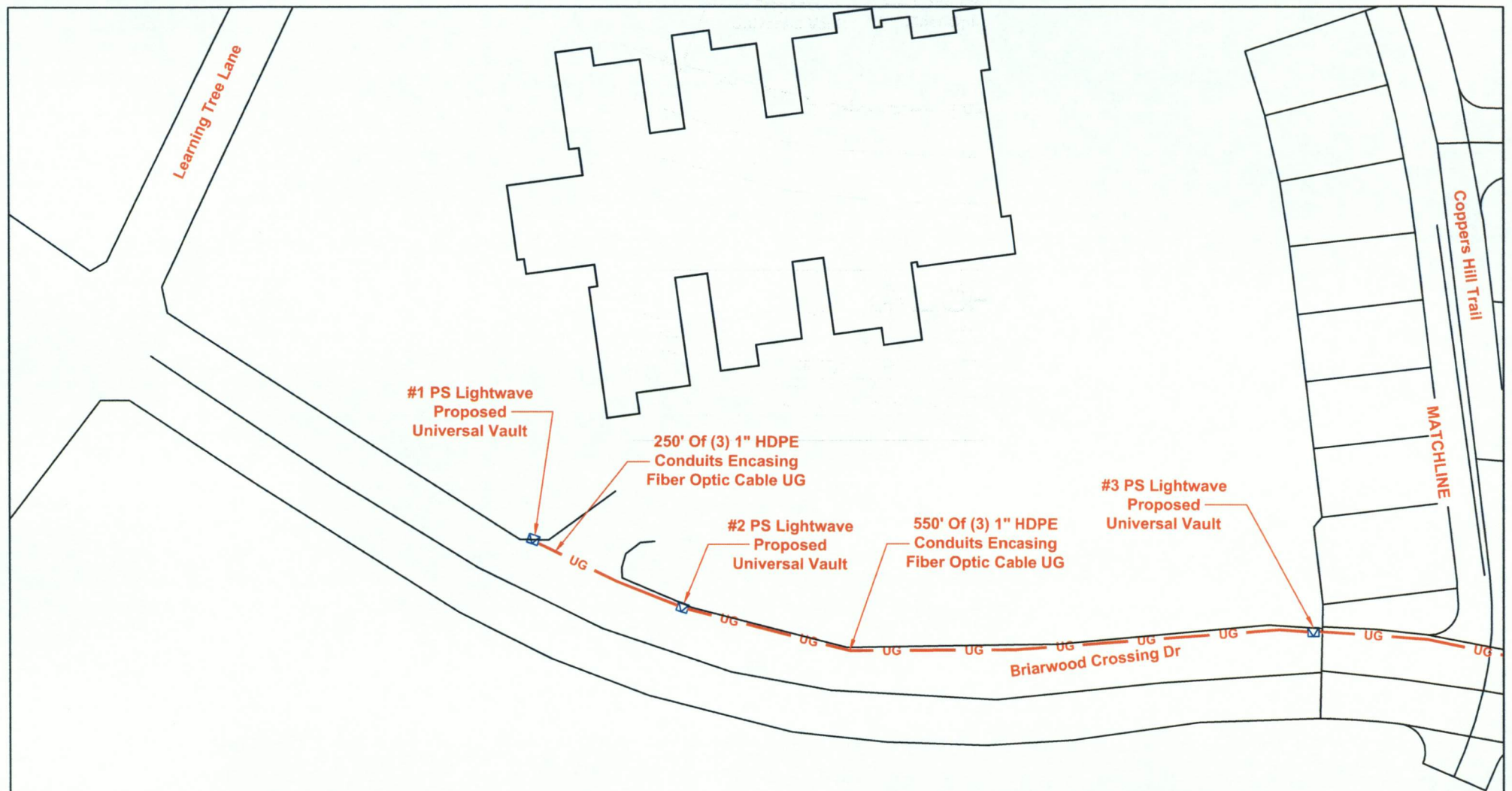
\_\_\_\_\_  
Date

**We have reviewed this project and agree it meets minimum requirements.**

  
\_\_\_\_\_  
Permit Administrator

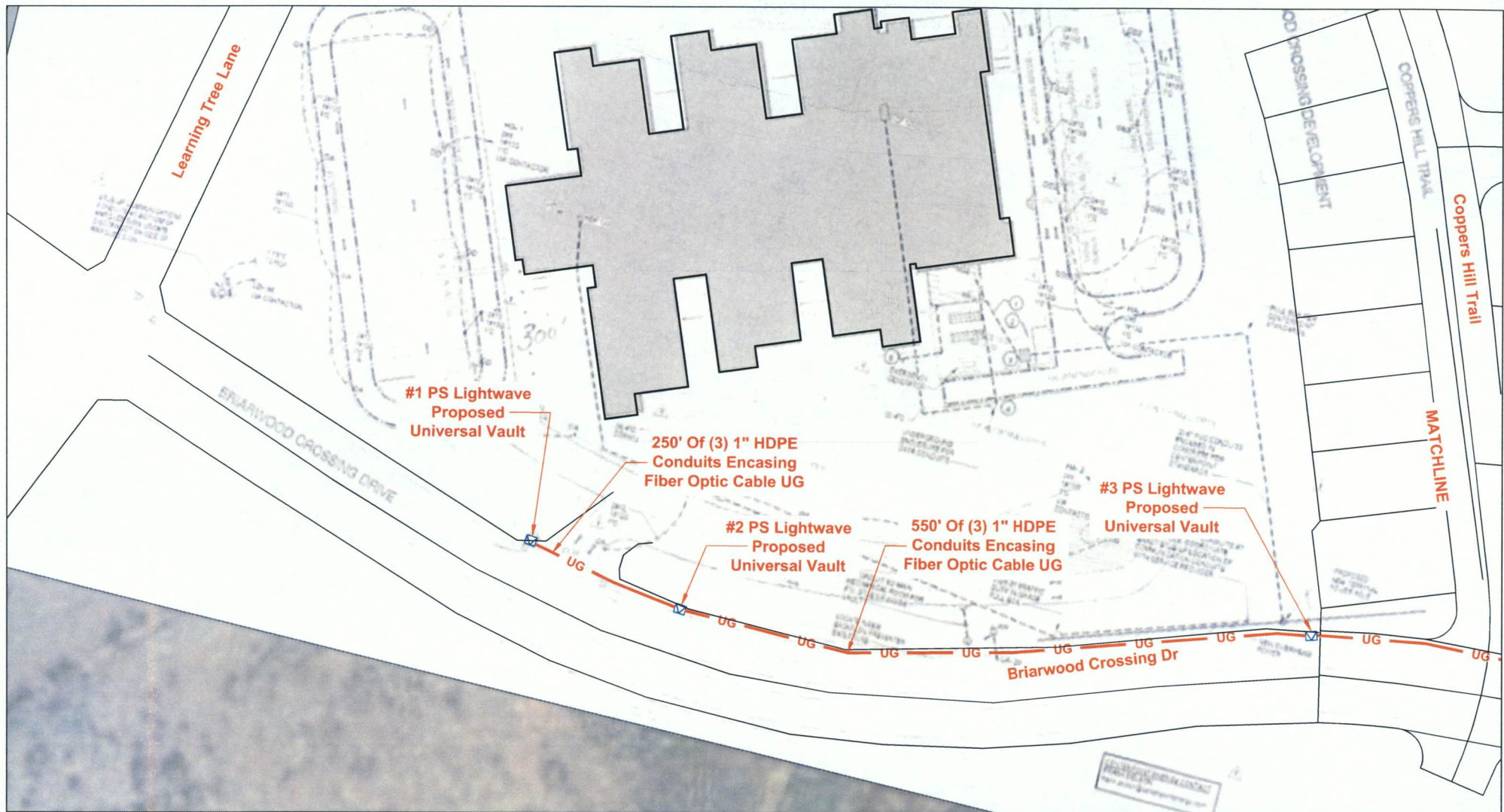
9/17/2018

\_\_\_\_\_  
Date



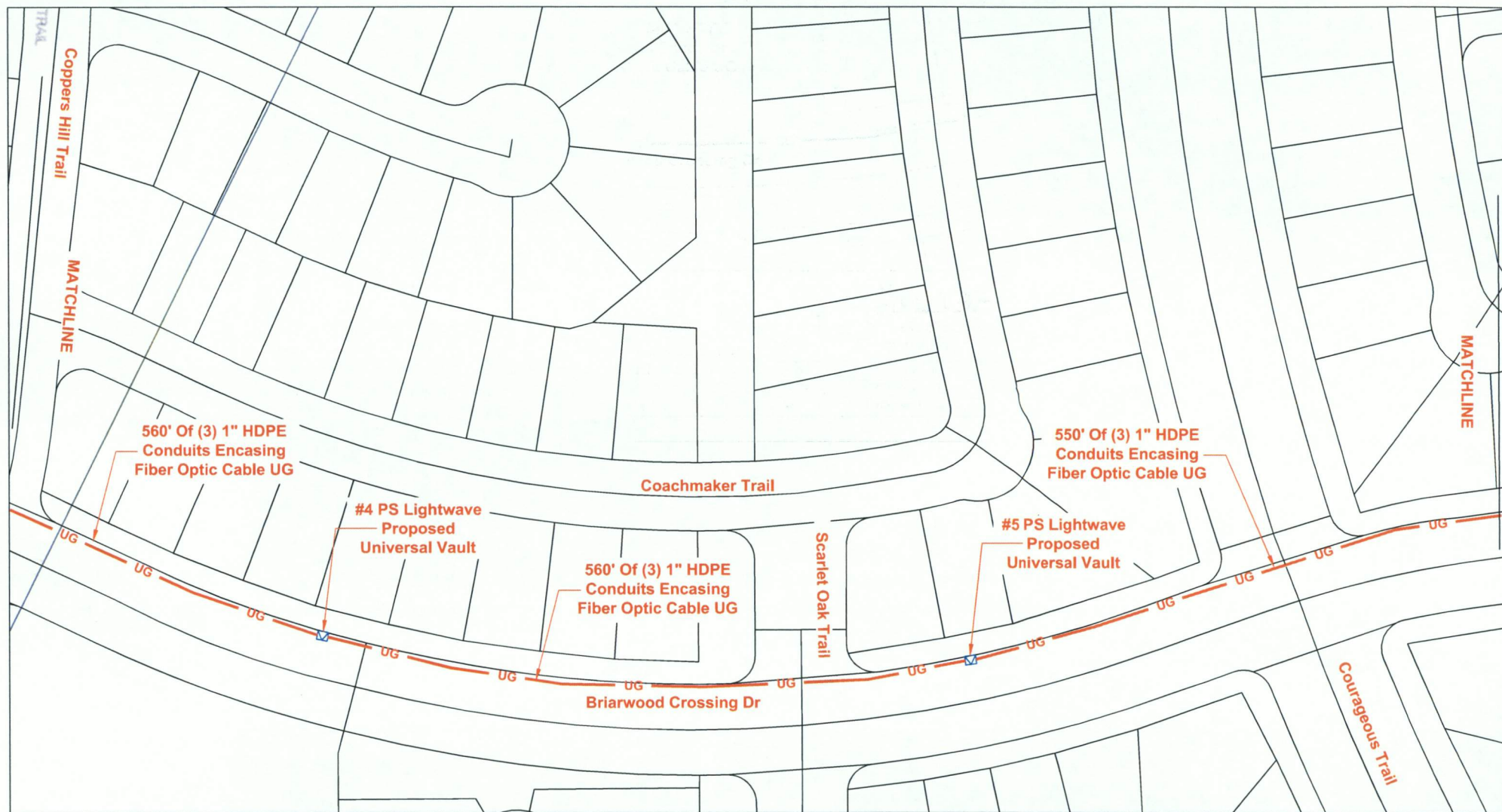
LEGEND			
UG	3(1") HDPE W/ FIBER OPTIC CABLE	PROPOSED CONDUIT	PSLW SET POLE
UG	3(1.25") HDPE W/ FIBER OPTIC CABLE	EXISTING CONDUIT	EXISTING SET POLE
UG	1(2") PVC W/ FIBER OPTIC CABLE	EMT	EXISTING UTILITY POLE
UG	1(4") HDPE W/ 3(1.25")HDPE	1.25" EMT	PROPOSED PSLW VAULT (24"x36"x24")
	FLEX INNERDUCT (INSIDE)	R/W	EXISTING VAULT
AIR	AERIAL FIBER OPTIC CABLE	EOP	PULLBOX
CAT5	CATS CABLE	FENCE	MDF LOCATION
		RACK LOCATION	

				CUSTOMER ID: <b>JOB# 12226-8414</b>							
				CUSTOMER: Notice of Proposed Utility Installation							
SCALE: 1"=80' PAGE: 1 OF 8		PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE		ADDRESS: Briarwood Crossing Dr							
				CITY/ZIP: Rosenberg, TX 77471 COUNTY: Fort Bend							
REVISION#1: Rev#1 REVISION#2: Rev#2 REVISION#3: Rev#3 REVISION#4: Rev#4		DATE: Rev#1 Date DATE: Rev#2 Date DATE: Rev#3 Date DATE: Rev#4 Date		TENANTS:		# OF FLOORS:		DWG#:		KEY MAP: 644L	
				WO#: 106030		JOB#: 12226-8414		DRAWN BY: GC		DATE: 09/05/2018	
APPROVED BY:		DATE:		APPROVED BY:		DATE:		APPROVED BY:		DATE:	
				APPROVED BY:		DATE:		APPROVED BY:		DATE:	



<b>LEGEND</b>		<b>PS LIGHTWAVE</b> <small>PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE</small>		<b>CUSTOMER ID:</b> <b>JOB# 12226-8414</b>	
UG	3(1") HDPE W/ FIBER OPTIC CABLE	PROPOSED CONDUIT	PSLW SET POLE	<b>CUSTOMER:</b> Notice of Proposed Utility Installation	
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UG	1(4") HDPE W/ 3(1.25")HDPE	R/W RIGHT-OF-WAY	PROPOSED PSLW VAULT (24"x36"x24")	<b>COUNTY:</b> Fort Bend	
UG	FLEX INNERDUCT (INSIDE)	EOP EDGE-OF-PAVEMENT	EXISTING VAULT	<b>TENANTS:</b>	<b># OF FLOORS:</b>
AIR	AERIAL FIBER OPTIC CABLE	FENCE	PULLBOX	<b>WO#:</b> 106030	<b>JOB#:</b> 12226-8414
CAT5	CAT5 CABLE	RACK LOCATION	MDF LOCATION	<b>DRAWN BY:</b> GG	<b>DATE:</b> 09/05/2018

<b>SCALE:</b> 1"=80' <b>PAGE:</b> 2 <b>OF:</b> 8		<b>REVISION#1:</b> Rev#1 <b>REVISION#2:</b> Rev#2 <b>REVISION#3:</b> Rev#3 <b>REVISION#4:</b> Rev#4		<b>DATE:</b> Rev#1 Date <b>DATE:</b> Rev#2 Date <b>DATE:</b> Rev#3 Date <b>DATE:</b> Rev#4 Date		<b>APPROVED BY:</b>		<b>DATE:</b>	
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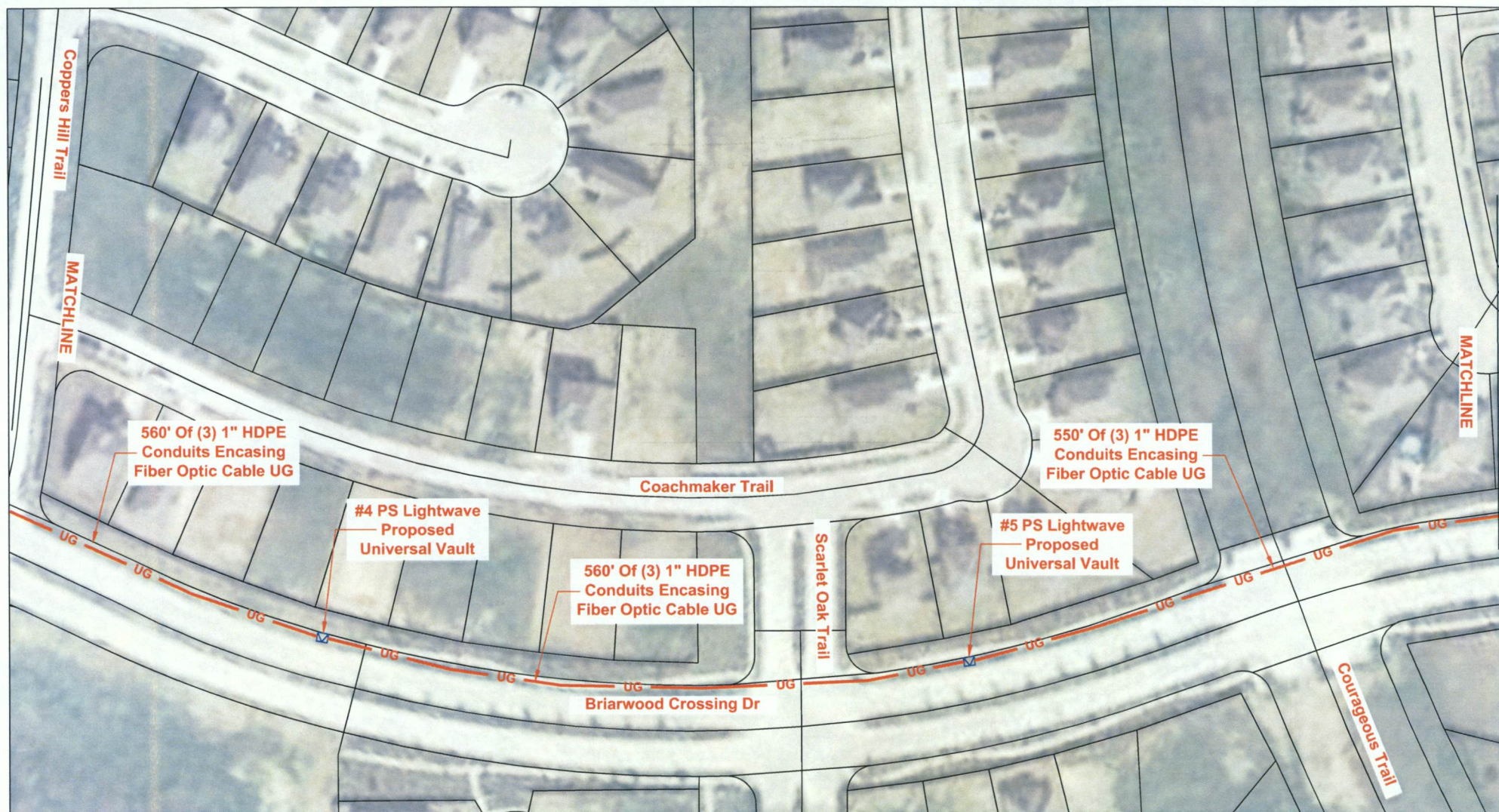
SCALE: 1"=80'

PAGE: 3

OF: 8

PS LIGHTWAVE			
PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE			
REVISION#1: Rev#1	DATE: Rev#1 Date		
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REVISION#4: Rev#4	DATE: Rev#4 Date		

CUSTOMER ID: JOB# 12226-8414			
CUSTOMER: Notice of Proposed Utility Installation			
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WO#: 106030	JOB#: 12226-8414	DRAWN BY: GC	DATE: 09/05/2018
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AIR	AERIAL FIBER OPTIC CABLE	FENCE	PULLBOX
CAT5	CAT5 CABLE	RACK LOCATION	MDF LOCATION

SCALE: 1"=80'

PAGE: 4

OF: 8

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REVISION#1: Rev#1	DATE: Rev#1 Date
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CUSTOMER ID: JOB# 12226-8414

CUSTOMER: Notice of Proposed Utility Installation

ADDRESS: Briarwood Crossing Dr

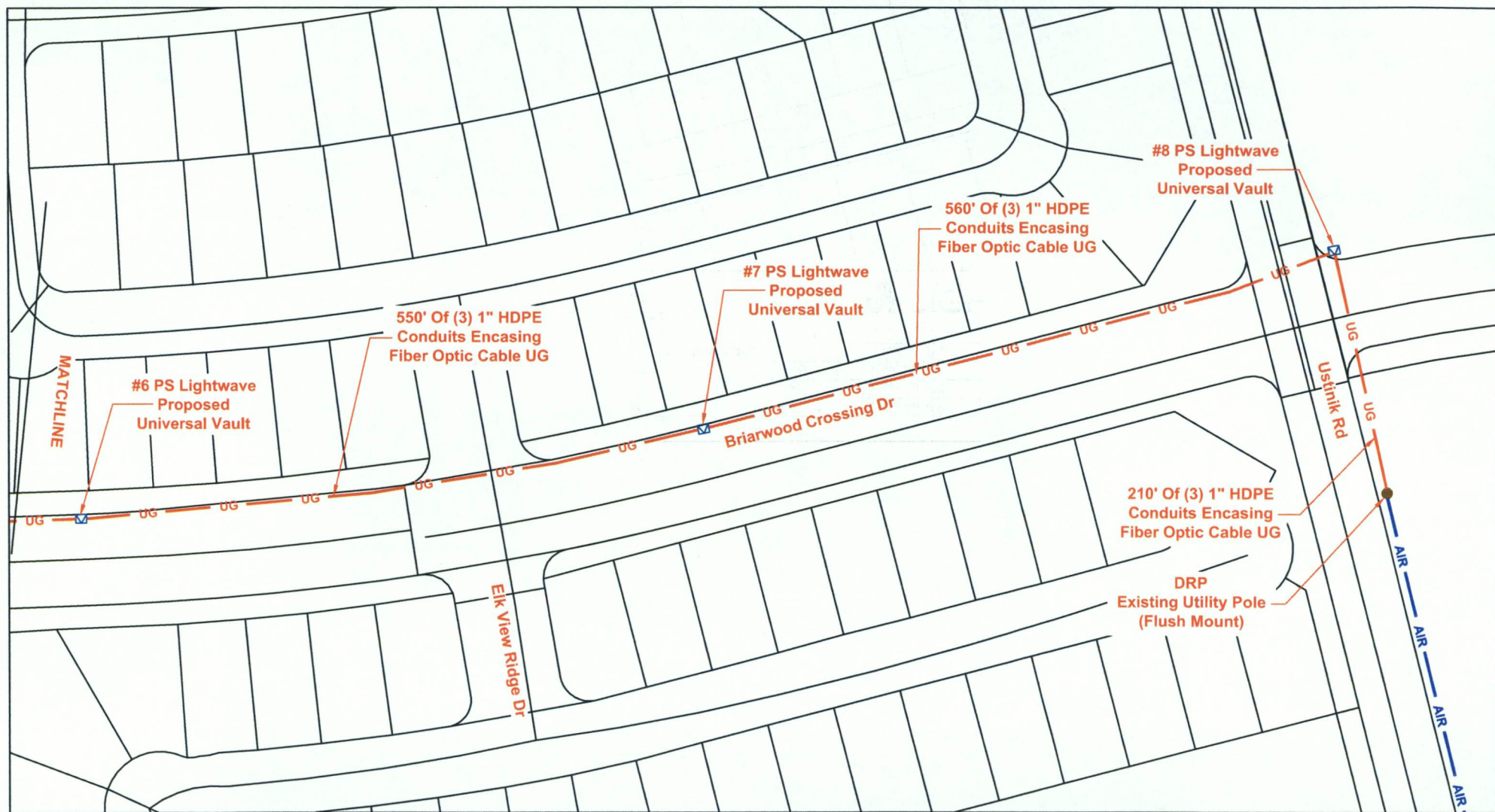
CITY/ZIP: Rosenberg, TX 77471

COUNTY: Fort Bend

TENANTS: # OF FLOORS: DWG#: KEY MAP: 644L

WO#: 106030 JOB#: 12226-8414 DRAWN BY: GG DATE: 09/05/2018

APPROVED BY: DATE:

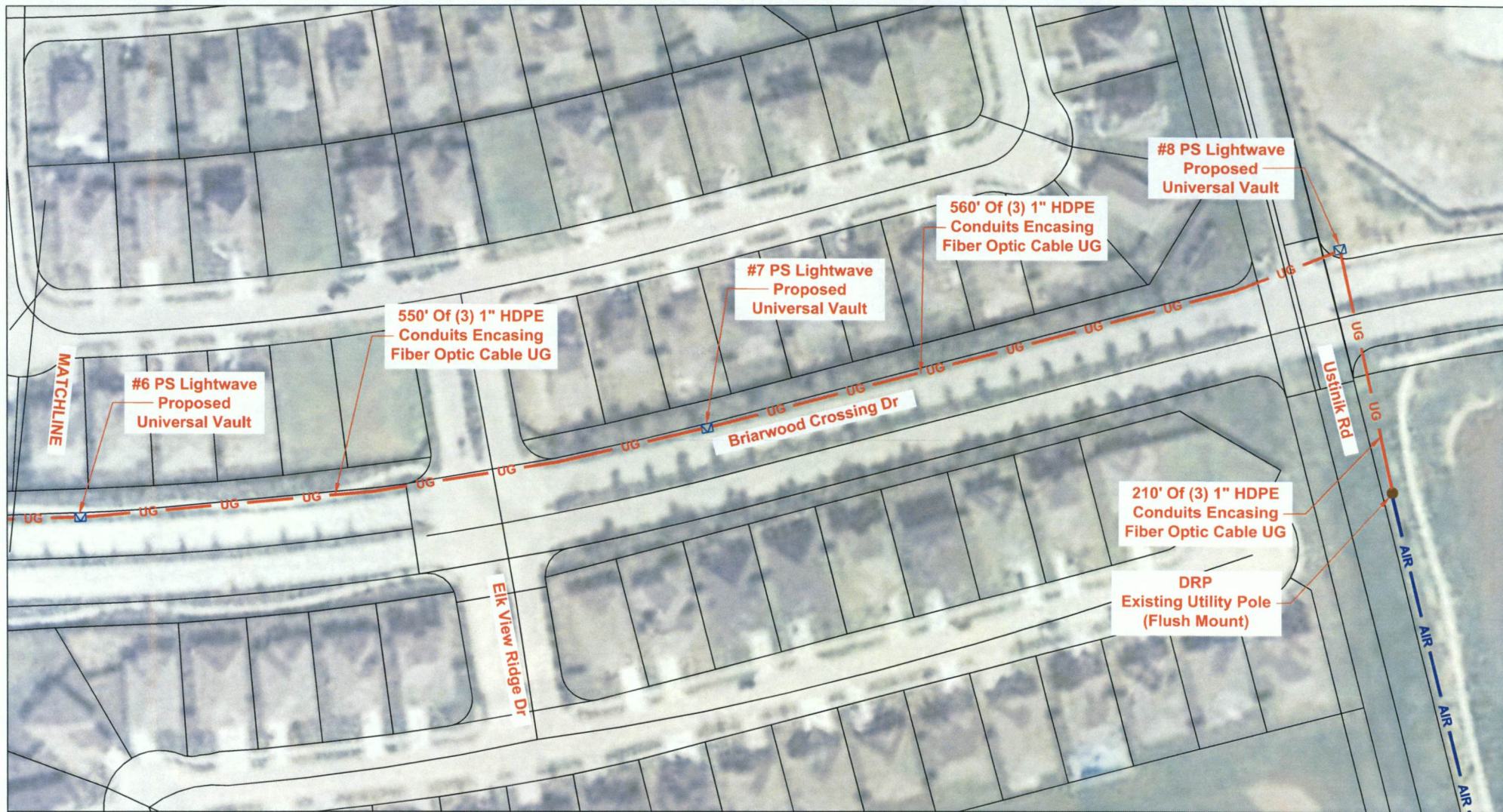


<b>LEGEND</b>		
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AIR	AERIAL FIBER OPTIC CABLE	FENCE
CATS	CATS CABLE	RACK LOCATION
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		EXISTING UTILITY POLE
		PROPOSED PSLW VAULT (24"x36"x24")
		EXISTING VAULT
		PULLBOX
		MDF LOCATION

SCALE: 1"=80'  
PAGE: 5  
OF: 8

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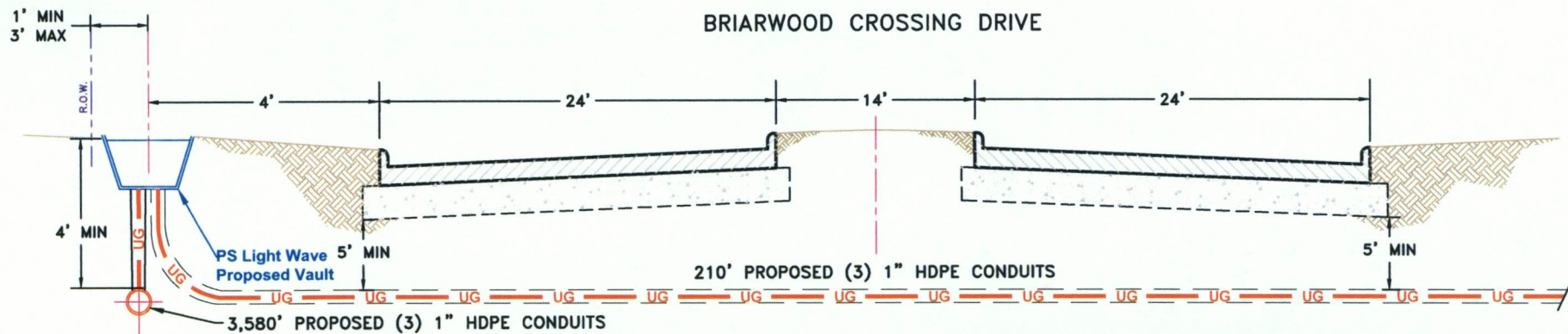
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WO#: 106030	JOB#: 12226-8414	DRAWN BY: GC	DATE: 09/05/2018

APPROVED BY: DATE:

# **General Notes:**

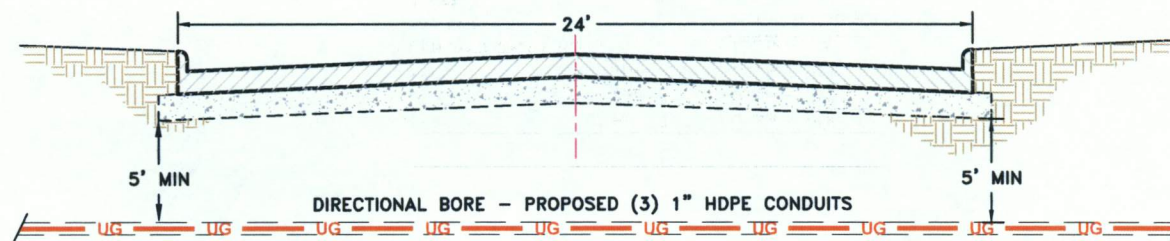
- 1) Surface to be restored to its original condition in compliance with Fort Bend County Standards.
- 2) Contractors shall provide and install traffic control devices in conformance with part VI of Texas manual on Uniform Traffic Control Devices (TMUTCD—Latest Edition with Revisions) during construction.
- 3) No Lanes shall be blocked 7:00am–9:00am and 4:00pm–6:30pm Monday – Friday.



<p><b>LEGEND</b></p> <p>UG 3(1") HDPE W/ FIBER OPTIC CABLE</p> <p>UG 3(1.25") HDPE W/ FIBER OPTIC CABLE</p> <p>UG 1(2") PVC W/ FIBER OPTIC CABLE</p> <p>UG 1(4") HDPE W/ 3(1.25")HDPE</p> <p>FLEX INNERDUCT (INSIDE)</p> <p>AIR AERIAL FIBER OPTIC CABLE</p> <p>CATS CATS CABLE</p> <p>PROPOSED CONDUIT</p> <p>EXISTING CONDUIT</p> <p>EMT 1.25" EMT</p> <p>R/W RIGHT-OF-WAY</p> <p>EOP EDGE-OF-PAVEMENT</p> <p>FENCE</p> <p>RACK LOCATION</p> <p>PSLW SET POLE</p> <p>EXISTING SET POLE</p> <p>EXISTING UTILITY POLE</p> <p>PROPOSED PSLW VAULT (24"x36"x24")</p> <p>EXISTING VAULT</p> <p>PULLBOX</p> <p>MDF LOCATION</p>		<p><b>PS LIGHTWAVE</b></p> <p>PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE</p> <p>REVISION#1: Rev#1 DATE: Rev#1 Date</p> <p>REVISION#2: Rev#2 DATE: Rev#2 Date</p> <p>REVISION#3: Rev#3 DATE: Rev#3 Date</p> <p>REVISION#4: Rev#4 DATE: Rev#4 Date</p> <p>SCALE: N.T.S.</p> <p>PAGE: 7</p> <p>OF: 8</p>		<p>CUSTOMER ID: JOB# 12226-8414</p> <p>CUSTOMER: Notice of Proposed Utility Installation</p> <p>ADDRESS: Briarwood Crossing Dr</p> <p>CITY/ZIP: Rosenberg, TX 77471</p> <p>COUNTY: Fort Bend</p> <p>TENANTS: # OF FLOORS: DWG#: KEY MAP: 644L</p> <p>WO#: 106030 JOB#: 12226-8414 DRAWN BY: GC DATE: 09/05/2018</p> <p>APPROVED BY: DATE:</p>
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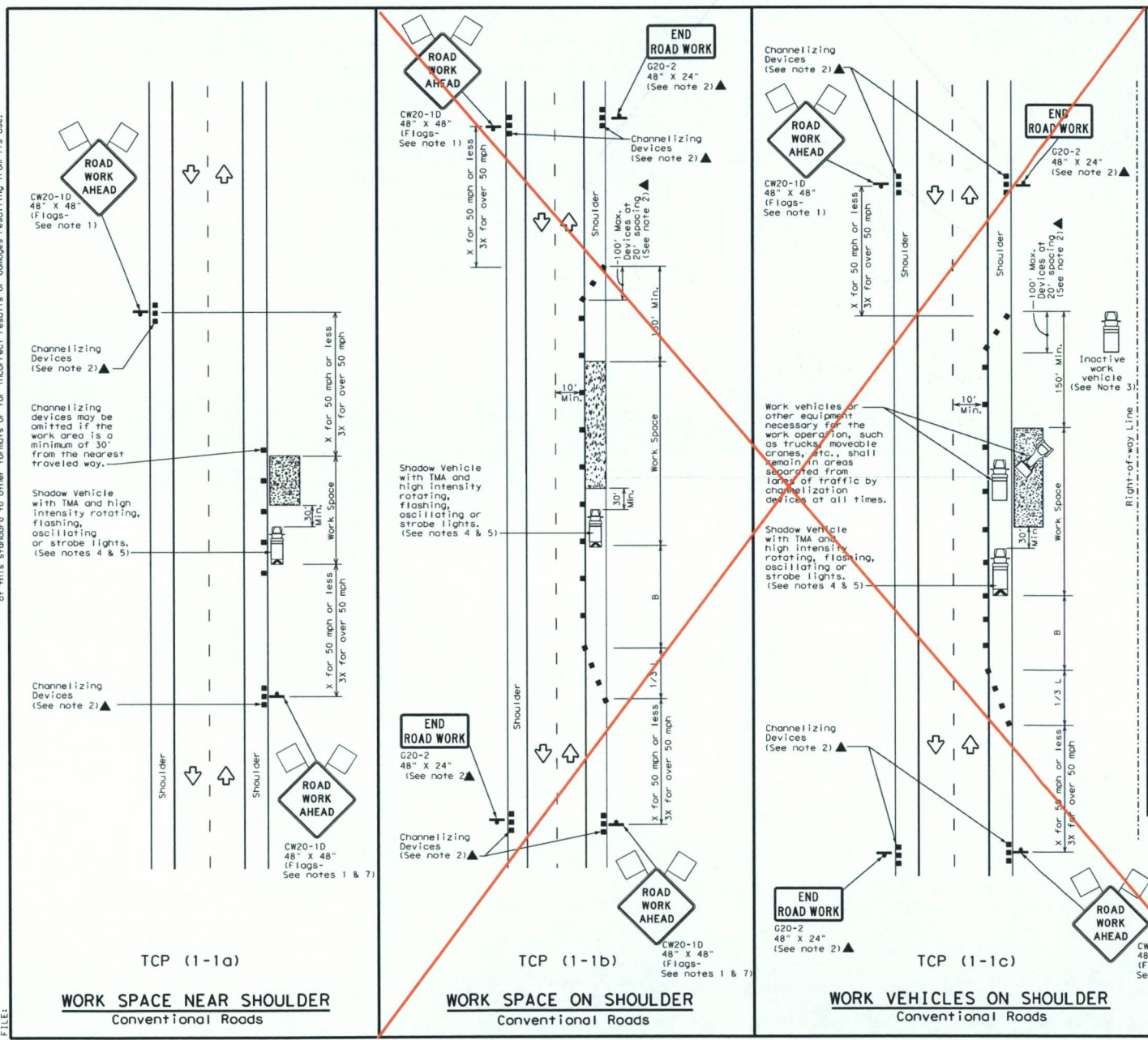
## COPPERS HILL TRAIL AND USTINIK ROAD



<p><b>LEGEND</b></p> <p>  UG 3(1") HDPE W/ FIBER OPTIC CABLE   UG 1(1.25") HDPE W/ FIBER OPTIC CABLE   UG 1(2") PVC W/ FIBER OPTIC CABLE   UG 1(4") HDPE W/ 3(1.25")HDPE   FLEX INNERDUCT (INSIDE)   AIR AERIAL FIBER OPTIC CABLE   CAT5 CAT5 CABLE </p> <p>  PROPOSED CONDUIT   EXISTING CONDUIT   EMT 1.25" EMT   R/W RIGHT-OF-WAY   EOP EDGE-OF-PAVEMENT   FENCE   RACK LOCATION </p> <p>  PSLW SET POLE   EXISTING SET POLE   EXISTING UTILITY POLE   PROPOSED PSLW VAULT (24"x36"24")   EXISTING VAULT   PULLBOX   MDF LOCATION </p>			<p>PROPRIETARY INFORMATION - PROPERTY OF PS LIGHTWAVE</p>		<p>CUSTOMER ID: JOB# 12226-8414</p> <p>CUSTOMER: Notice of Proposed Utility Installation</p> <p>ADDRESS: Briarwood Crossing Dr</p> <p>CITY/ZIP: Rosenberg, TX 77471 COUNTY: Fort Bend</p> <p>TENANTS: # OF FLOORS: DWG: KEY MAP: 644L</p> <p>WO# 106030 JOB# 12226-8414 DRAWN BY: GG DATE: 09/05/2018</p> <p>APPROVED BY: DATE:</p>			
<p>SCALE: N.T.S.</p> <p>PAGE: 8</p> <p>OF: 8</p>			<p>REVISION#1: Rev#1 DATE: Rev#1 Date</p> <p>REVISION#2: Rev#2 DATE: Rev#2 Date</p> <p>REVISION#3: Rev#3 DATE: Rev#3 Date</p> <p>REVISION#4: Rev#4 DATE: Rev#4 Date</p>					

DISCLAIMER: The use of this standard is governed by the Texas Engineering Practices Act. No warranty of any kind is made by the Department of Transportation for the use of this standard to other conditions or for incorrect results or damages resulting from its use.

DATE: FILE:



LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed X	Formula	Minimum Desirable Taper Lengths W-W			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing Distance	Suggested Longitudinal Buffer Space B
30	$L = \frac{WS^2}{60}$	10'	11'	12'	On a Taper	On a Tangent	120'	90'
35		150'	165'	180'	30'	60'	160'	120'
40		205'	225'	245'	35'	70'	240'	155'
45	$L = WS$	265'	295'	320'	40'	80'	320'	195'
50		450'	495'	540'	45'	90'	400'	240'
55		500'	550'	600'	50'	100'	500'	295'
60	$L = WS$	550'	605'	660'	55'	110'	600'	350'
65		600'	660'	720'	60'	120'	700'	410'
70		650'	715'	780'	65'	130'	800'	475'
75		700'	770'	840'	70'	140'	900'	540'

\* Conventional Roads Only  
\* Taper Lengths have been rounded off.  
L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed (MPH)

TYPICAL USAGE			
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	LONG TERM STATIONARY
	✓	✓	

- GENERAL NOTES**
- Flags attached to signs where shown are REQUIRED.
  - All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
  - Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
  - A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
  - Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
  - See TCP15-11 for shoulder work on divided highways, expressways and freeways.
  - CW21-5 "SHOULDER WORK" signs may be used in place of CW20-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

Texas Department of Transportation

**TRAFFIC CONTROL PLAN  
CONVENTIONAL ROAD  
SHOULDER WORK**

**TCP (1-1) - 18**

FILE: tcp1-1-18.dgn	DATE: December 1985	BY: [ ]	CHK: [ ]	DATE: [ ]	BY: [ ]
REVISIONS		CONF: [ ]	SECT: [ ]	JOB: [ ]	HIGHWAY: [ ]
2-94 4-98	8-95 2-12	DIST: [ ]		COUNTY: [ ]	SHEET NO. [ ]
151					