

**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: 2017-13139

Applicant: PS Light Wave, Inc.

Job Location Site: Sienna Parkway at Waters Lake Blvd, Missouri City, TX 77459

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 April, 2017, Upon Motion of Commissioner Muyers, seconded by Commissioner Morales, 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

By: Charles O. Ay
County Engineer

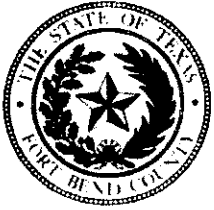
N/A
By: _____
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.

Date Recorded 5-2-2017 Comm. Court No. 13D

Clerk of Commissioners Court

By: Aronda Wilkins
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: 2017-13139

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: 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

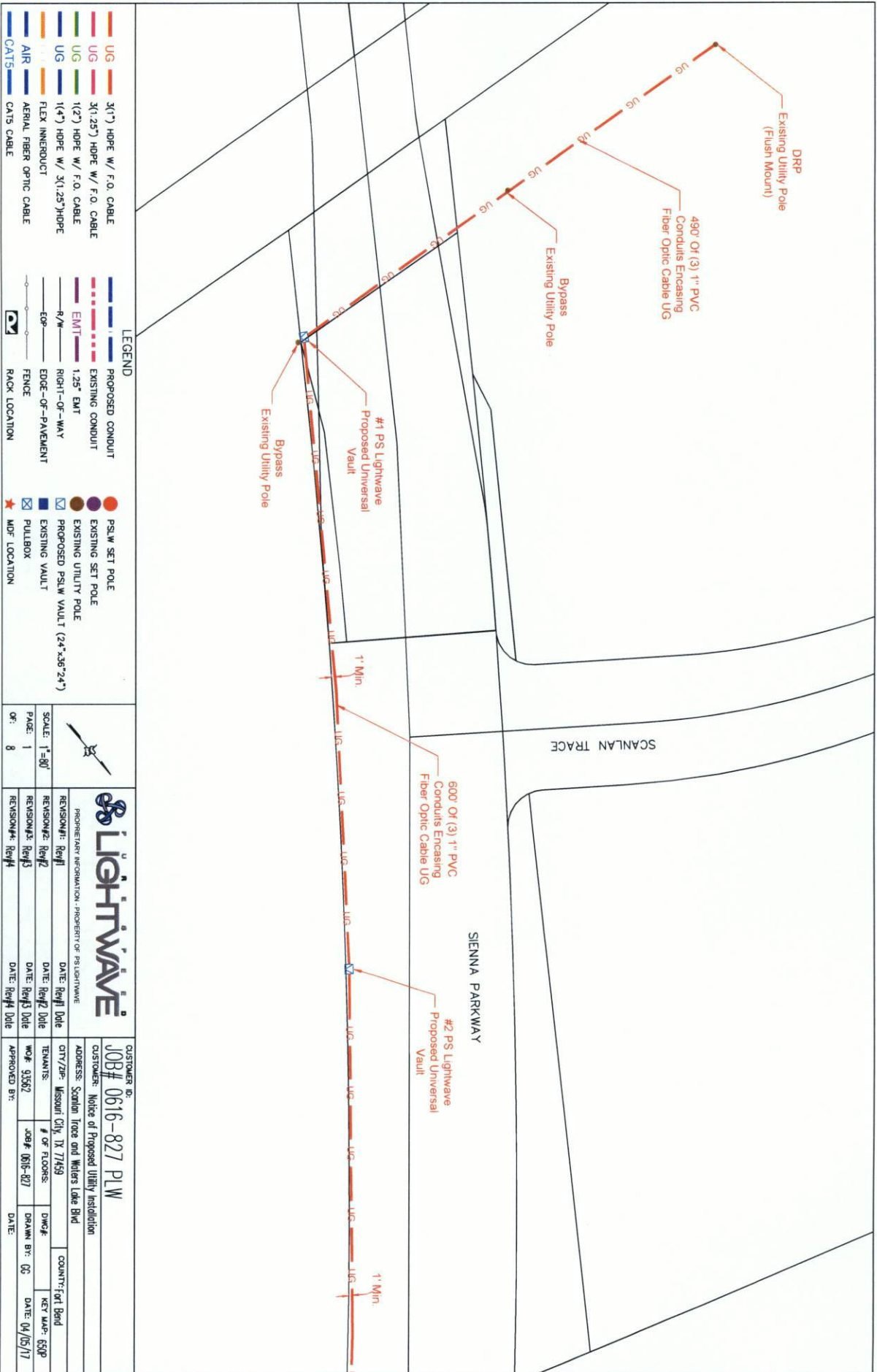
We have reviewed this project and agree it meets minimum requirements.

Charly O. Ay

Permit Administrator

4/17/17

Date



LEGEND

UG	3(1") HOPE W/ F.O. CABLE	PROPOSED CONDUIT	PSLW SET POLE
UG	3(1.25") HOPE W/ F.O. CABLE	EXISTING CONDUIT	EXISTING SET POLE
UG	1(2") HOPE W/ F.O. CABLE	EMT 1.25" EMT	EXISTING UTILITY POLE
UG	1(4") HOPE W/ 3(1.25") HOPE	R/W	PROPOSED PSLW VAULT (24"x36"x24")
UG	FLEX INNERDUCT	EDGE-OF-PAVEMENT	EXISTING VAULT
AIR	AERIAL FIBER OPTIC CABLE	FENCE	PULLBOX
CATS	CATS CABLE	RACK LOCATION	MDF LOCATION

SCALE: 1"=80'

PAGE: 1

OF: 8

PROHIBITARY INFORMATION - PROPERTY OF LIGHTWAVE

REVISION#1: Rev#1	DATE: Rev#1 Date
REVISION#2: Rev#2	DATE: Rev#2 Date
REVISION#3: Rev#3	DATE: Rev#3 Date
REVISION#4: Rev#4	DATE: Rev#4 Date

CUSTOMER ID:

JOB# 0616-827 PLW

CUSTOMER: Notice of Proposed Utility Installation

ADDRESS: Scanlan Trace and Waters Lake Blvd

CITY/ZIP: Missouri City, TX 77059

COUNTY: Fort Bend

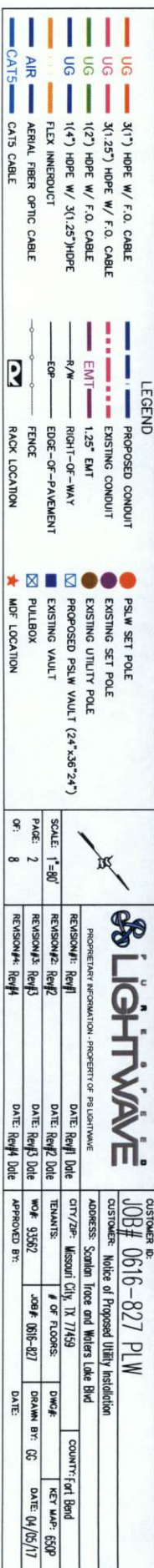
WO# 91562

DATE: 04/05/17

APPROVED BY:

DRAWN BY: CG

KEY MAP: 650P





LIGHTWAVE



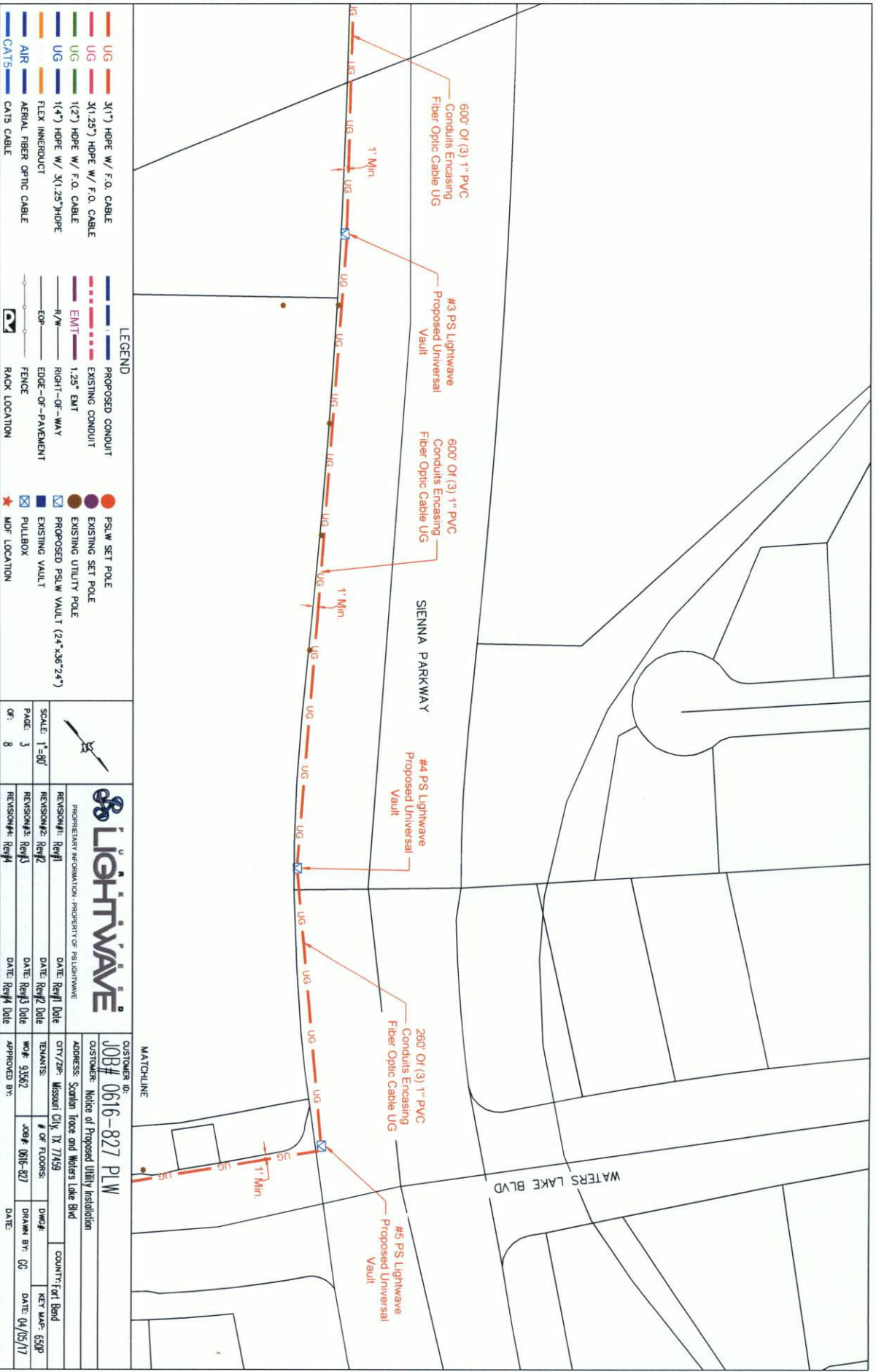
PROPRIETARY INFORMATION - PROPERTY OF LIGHTWAVE

REVISION: Rev1	DATE: Rev1 Date	CITY/ZIP: Missoula City, TX 77059	COUNTY: Falt Bend	KEY MAP: 650P
REVISION2: Rev2	DATE: Rev2 Date	TELEPHONE: # OF FLOORS:	DRAWN BY: GC	DATE: 04/05/17
REVISION3: Rev3	DATE: Rev3 Date	NOT: 03562	APPROVED BY:	
REVISION4: Rev4	DATE: Rev4 Date			

CUSTOMER: Notice of Proposed Utility Installation

ADDRESS: Scanlon Trace and Willers Lake Blvd

JOB#: 0616-827 PLW



LEGEND

UG	3(1") HOPE W/ F.O. CABLE	PROPOSED CONDUIT	PSLW SET POLE
UG	3(1.25") HOPE W/ F.O. CABLE	EXISTING CONDUIT	EXISTING SET POLE
UG	1(2") HOPE W/ F.O. CABLE	EMT	EXISTING UTILITY POLE
UG	1(4") HOPE W/ 3(1.25") HOPE	R/W	PROPOSED PSLW VAULT (24"x36"x24")
AIR	FLEX INNERDUCT	EDGE-OF-PAVEMENT	PULLBOX
AIR	AERIAL FIBER OPTIC CABLE	FENCE	MDF LOCATION
CAT5	CAT5 CABLE		



PROPRIETARY INFORMATION, PROPERTY OF LIGHTWAVE

CUSTOMER ID: JOB# 0616-827 PLW	
CUSTOMER: Notice of Proposed Utility Installation	
ADDRESS: South Trade and Waters Lake Blvd	CITY/ZIP: Missouri City, TX 77459
TENANTS:	COUNTY: Fort Bend
WFO#: 93582	KEY MAP: 650P
APPROVED BY: [Signature]	DATE: 04/05/17

SCALE: 1"=80'

PAGE: 3 OF: 8

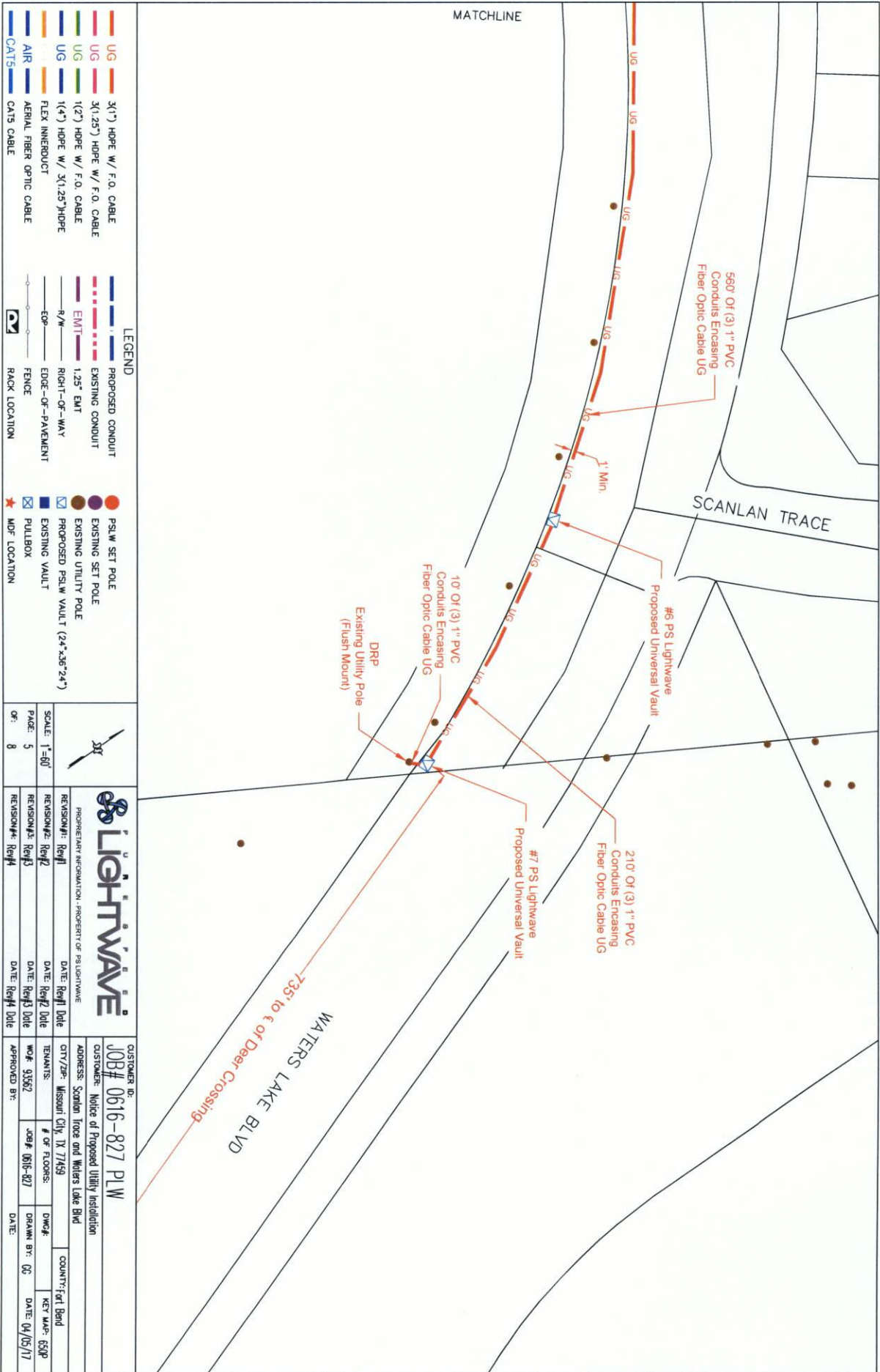
REVISION#1: Rev#1 DATE: Rev#1 Date

REVISION#2: Rev#2 DATE: Rev#2 Date

REVISION#3: Rev#3 DATE: Rev#3 Date

REVISION#4: Rev#4 DATE: Rev#4 Date





LEGEND 3x17 HOPE w/ F.O. CABLE 3x1.25 HOPE w/ F.O. CABLE 1/2 HOPE w/ F.O. CABLE 1/4 HOPE w/ 3x1.25 HOPE AERIAL FIBER OPTIC CABLE CAT5	
PROPOSED CONDUIT EXISTING CONDUIT 1.25" EMT RIGHT-OF-WAY EDGE-OF-PAVEMENT FENCE RACK LOCATION	
PS/W SET POLE EXISTING SET POLE EXISTING UTILITY POLE PROPOSED PS/W VAULT (24"x36"x24") PULLBOX MDF LOCATION	
SCALE: 1"=60' PAGE: 5 OF: 8	REVISIONS: REVISION1: Rev#1 REVISION2: Rev#2 REVISION3: Rev#3 REVISION4: Rev#4
DATE: Rev#1 Date DATE: Rev#2 Date DATE: Rev#3 Date DATE: Rev#4 Date	DATE: Rev#1 Date DATE: Rev#2 Date DATE: Rev#3 Date DATE: Rev#4 Date
WFO# 91582 DATE: 06/16-827 DATE: 04/05/17	WFO# 91582 DATE: 06/16-827 DATE: 04/05/17

CUSTOMER ID: JOB# 0616-827 PLW	
CUSTOMER: Notice of Proposed Utility Installation	
ADDRESS: Scotton Trace and Waters Lake Blvd	
CITY/ZIP: Missouri City, TX 77459	
TENANTS: COUNTY: Fort Bend	
# OF FLOORS: DWG#	
JOB# 0616-827	
DRAWN BY: GQ DATE: 04/05/17	
APPROVED BY: DATE:	

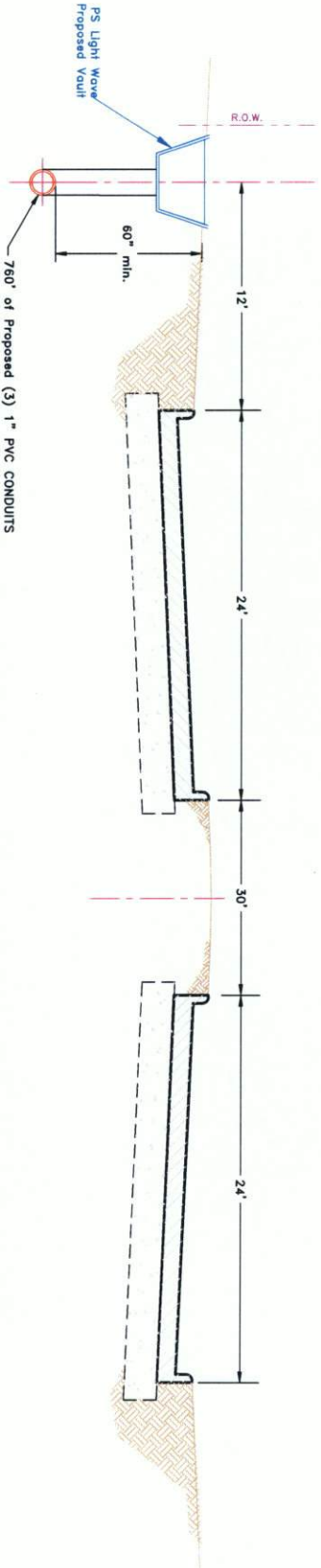
-
- A diagram of a cantilever beam of length \$L\$ fixed at the right end. A triangular load is applied perpendicular to the beam, starting at zero at the fixed end and increasing linearly to a maximum value of \$w_0\$ at the free left end. The load is represented by a series of parallel lines forming a triangle. A label 'Existing Pole' points to the fixed support on the right.

LEGEND UG 3(1") HOPE W/ F.O. CABLE UG 3(.25") HOPE W/ F.O. CABLE UG 1(2") HOPE W/ F.O. CABLE UG 1(4") HOPE W/ 3(.25")HOPE FLEX INNERDUCT AIR AERIAL FIBER OPTIC CABLE CAT5 CAT5 CABLE PROPOSED CONDUIT EXISTING CONDUIT EMT 1.25" EMT R/W RIGHT-OF-WAY EDGE-OF-PAVEMENT FENCE BACK LOCATION PLSW SET POLE EXISTING SET POLE EXISTING UTILITY POLE PROPOSED PLSW VAULT (24"x36"24") EXISTING VAULT PULLBOX MDF LOCATION		PROPRIETARY INFORMATION - PROPERTY OF LIGHTWAVE	JOB# JOB# 0616-827 PLW
			Description: Notice of Proposed Utility Installation Address: Scanlon Trace and Millers Lake Blvd City/Zip: Missouri City, TX 77459 Trunks: WAFs: 92562 DATE: 0616-827 APPROVED BY:
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	COUNTY: Fort Bend RET WAF: 650P DATE: 04/05/17	

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 7am-9am and 4pm-6:30pm Monday thru Friday.

SCANLAN TRACE



UG	3/1\" HOPE W/ F.O. CABLE	PROPOSED CONDUIT	PSLW SET POLE
UG	3/1,25\" HOPE W/ F.O. CABLE	EXISTING CONDUIT	EXISTING SET POLE
UG	1/2\" HOPE W/ F.O. CABLE	EMT 1.25\" EMT	EXISTING UTILITY POLE
UG	1/4\" HOPE W/ 3/1,25\" HOPE	R/W	PROPOSED PSLW VAULT (24\" x 36\" x 24\")
UG	FLEX INNERDUCT	EDGE-OF-WAY	EXISTING VAULT
AIR	AERIAL FIBER OPTIC CABLE	EDGE-OF-PAVEMENT	PULLBOX
CATS	CATS CABLE	FENCE	MDF LOCATION
		RACK LOCATION	

SCALE: N.T.S.	REVISION#1: Rev1	DATE: Rev1 Date	QTY/ZIP: Missouri City, TX 77459	COUNTY: Fort Bend
PAGE: 8	REVISION#2: Rev2	DATE: Rev2 Date	WGA: 83562	KEY MAP: 650P
OF: 8	REVISION#3: Rev3	DATE: Rev3 Date	APPROVED BY:	DATE: 04/05/17
	REVISION#4: Rev4	DATE: Rev4 Date		

LIGHTWAVE

PROPRIETARY INFORMATION - PROPERTY OF LIGHTWAVE

Job# 0616-827 PLW

Description: Notice of Proposed Utility Installation

Address: Scanlan Trace and Miles Lake Blvd

City/Zip: Missouri City, TX 77459

County: Fort Bend

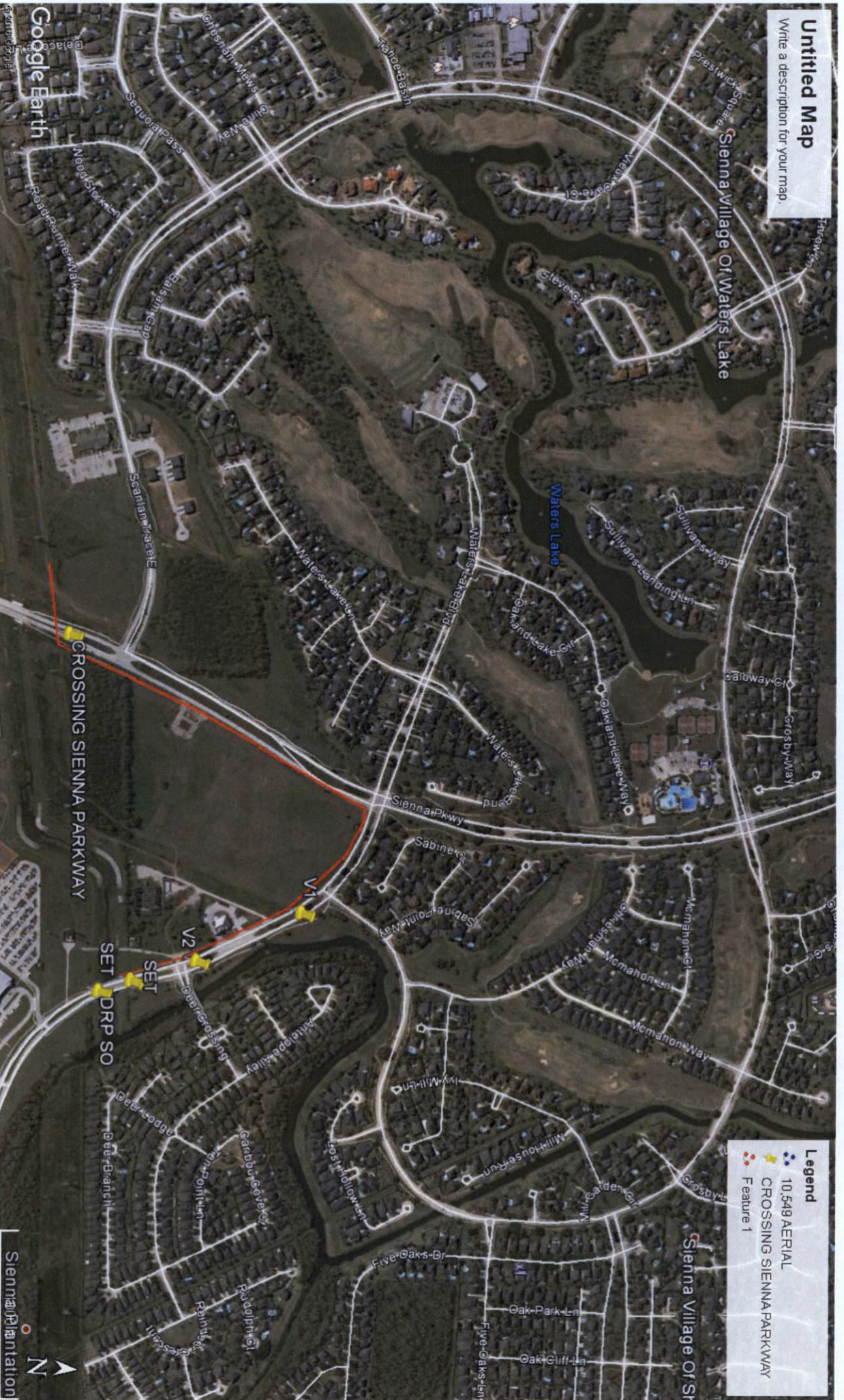
WGA: 83562

APPROVED BY:

DATE:

Untitled Map

Write a description for your map.

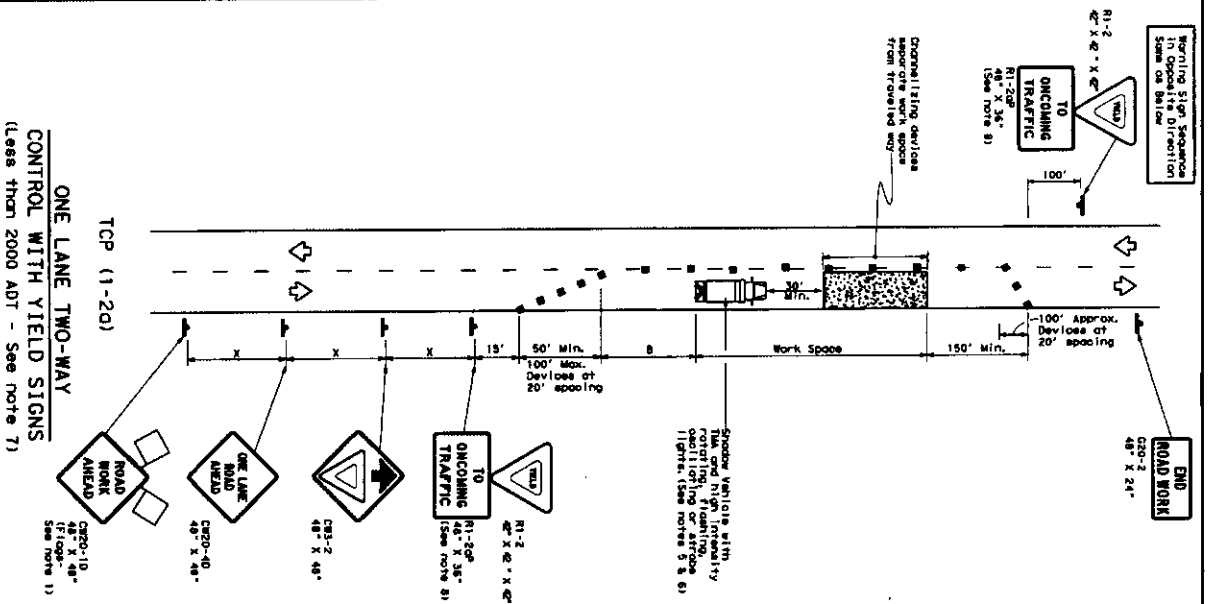


Google Earth

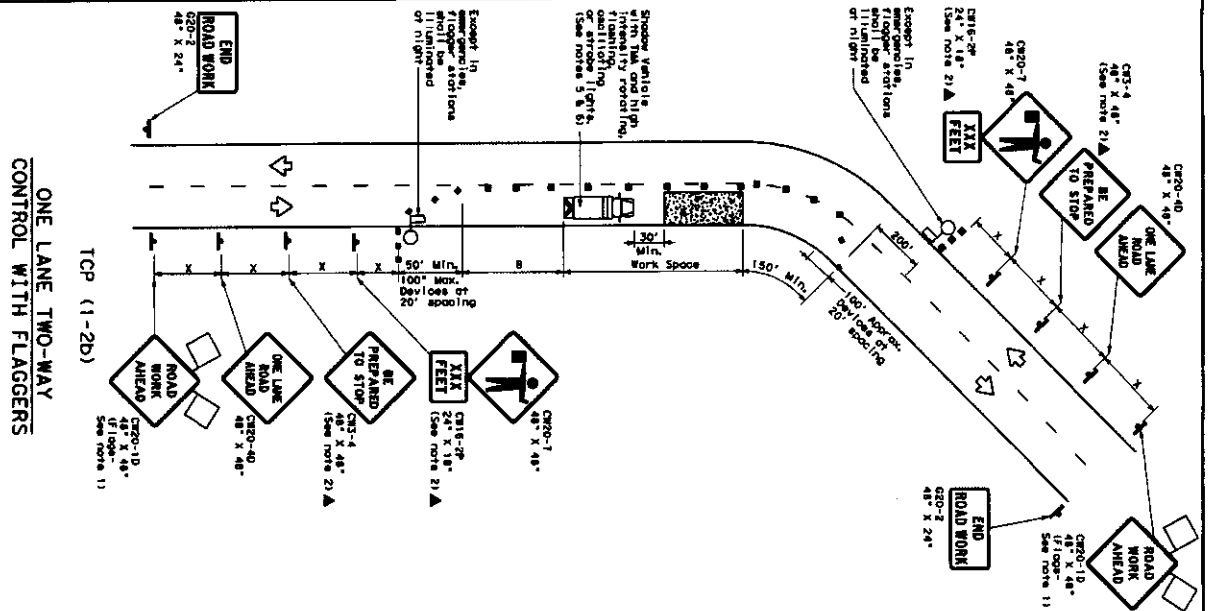
Sienna (VA) location

DATE: _____
FILE: _____

ONE LANE TWO-WAY CONTROL WITH YIELD SIGNS (Less than 2000 ADT - See note 7)



ONE LANE TWO-WAY CONTROL WITH FLAGGERS (Less than 2000 ADT - See note 7)



LEGEND			
	Type 3 Barricade		Channelizing Device
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Flagger		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flagger		Flagger

Speed Limit (mph)	Minimum Length (ft)	Minimum Width (ft)	Minimum Depth (ft)	Minimum Spacing (ft)	Minimum Spacing (ft)	Minimum Spacing (ft)
30	150	150	150	30	120	90
35	150	150	150	30	120	90
40	150	150	150	30	120	90
45	150	150	150	30	120	90
50	150	150	150	30	120	90
55	150	150	150	30	120	90
60	150	150	150	30	120	90
65	150	150	150	30	120	90
70	150	150	150	30	120	90
75	150	150	150	30	120	90
80	150	150	150	30	120	90
85	150	150	150	30	120	90
90	150	150	150	30	120	90
95	150	150	150	30	120	90
100	150	150	150	30	120	90

GENERAL NOTES

- Flagger should be used where shown or REQUIRED.
- All traffic control devices illustrated are REQUIRED, except those shown with the alternative work, when approved by the Engineer.
- The R1-20 "YIELD" sign may be limited to the R1-20 "YIELD" sign.
- Sign spacing may be increased or decreased as needed.
- A "STOP" sign should be used where shown or REQUIRED.
- In the absence of the area of work, a "STOP" sign should be used where shown or REQUIRED.
- Additional Stop signs with the area of work should be used where shown or REQUIRED.
- Additional Stop signs with the area of work should be used where shown or REQUIRED.

TYPICAL USAGE

1. R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight distance. For projects in urban areas, work areas should be no longer than one half city block. In rural areas on roadways with less than 2000 ADT, work areas should be no longer than one half mile.

2. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

3. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

4. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

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13. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

14. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

15. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

16. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

17. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

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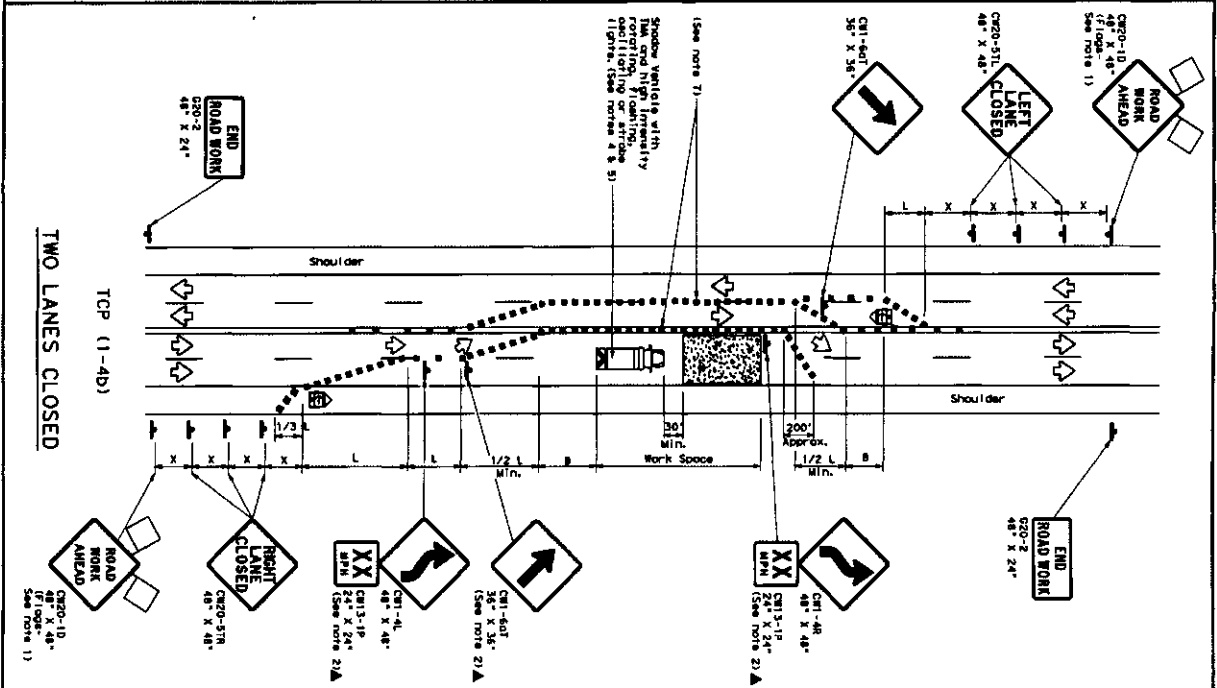
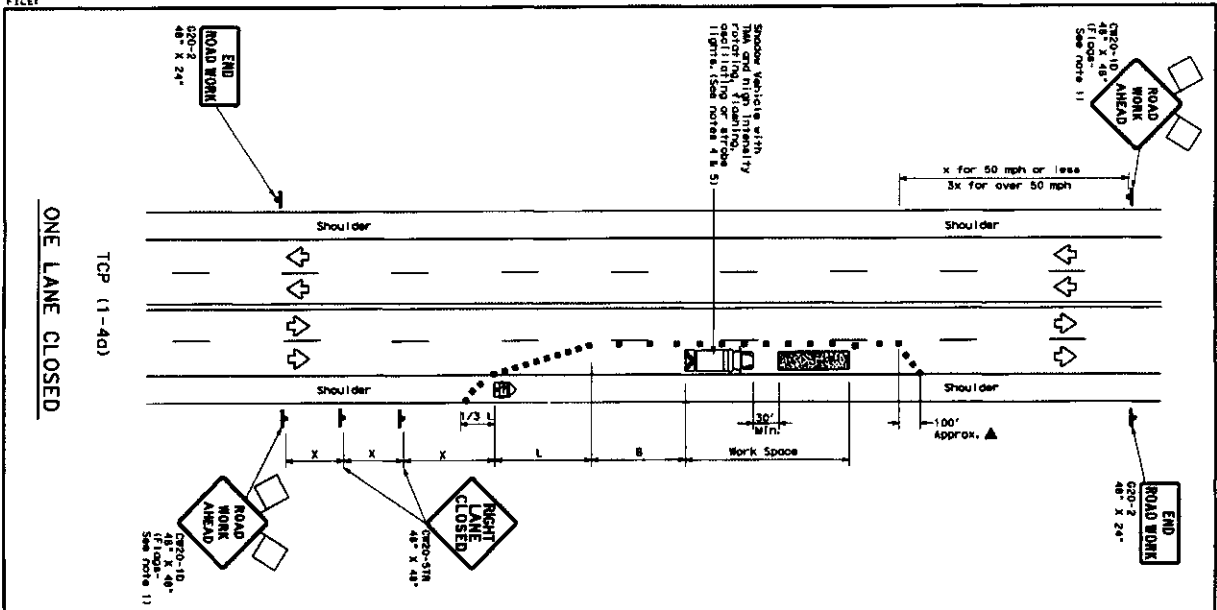
19. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

20. R1-2 "YIELD" sign with R1-20 "YIELD" sign should be placed on a support of 6 feet minimum mounting height.

Texas Department of Transportation
Traffic Control Plan
ONE-LANE TWO-WAY
TRAFFIC CONTROL
TCP (1-2)-12

For construction or maintenance control or traffic control, the project engineer should be found in the project for Item 502, Item 503, Item 504, Item 505, Item 506, Item 507, Item 508, Item 509, Item 510, Item 511, Item 512, Item 513, Item 514, Item 515, Item 516, Item 517, Item 518, Item 519, Item 520, Item 521, Item 522, Item 523, Item 524, Item 525, Item 526, Item 527, Item 528, Item 529, Item 530, Item 531, Item 532, Item 533, Item 534, Item 535, Item 536, Item 537, Item 538, Item 539, Item 540, Item 541, Item 542, Item 543, Item 544, Item 545, Item 546, Item 547, Item 548, Item 549, Item 550, Item 551, Item 552, Item 553, Item 554, Item 555, Item 556, Item 557, Item 558, Item 559, Item 560, Item 561, Item 562, Item 563, Item 564, Item 565, Item 566, Item 567, Item 568, Item 569, Item 570, Item 571, Item 572, Item 573, Item 574, Item 575, Item 576, Item 577, Item 578, Item 579, Item 580, Item 581, Item 582, Item 583, Item 584, Item 585, Item 586, Item 587, Item 588, Item 589, Item 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DATE: _____
FILE: _____



LEGEND

Symbol	Description
	Type 3 Buffer Road
	Heavy Work Vehicle
	Truck Mounted Attenuator (TMA)
	Portable Message Board
	Sign
	Traffic Flow

GENERAL NOTES

1. From attention to signs where shown are REQUIRED.
2. All traffic control devices (including signs, cones, barrels, etc.) shall be maintained in accordance with the Texas Manual of Traffic Signs and Signals.
3. The "ROAD WORK AHEAD" sign may be repeated if the visibility of the work zone is less than 1500 feet.
4. Signs should be placed in the work zone to provide advance warning of the work zone. Signs should be placed in the work zone to provide advance warning of the work zone.
5. The "ROAD WORK AHEAD" sign may be repeated if the visibility of the work zone is less than 1500 feet.

TCP (1-4B)

1. Where traffic is directed over a single control line, channelizing devices (cones, barrels, etc.) should be placed in the work zone to provide advance warning of the work zone.

TCP (1-4D)

1. Where traffic is directed over a single control line, channelizing devices (cones, barrels, etc.) should be placed in the work zone to provide advance warning of the work zone.

TRAFFIC CONTROL PLAN
LANE CLOSURES ON MULTILANE CONVENTIONAL ROADS

TCP (1-4) - 12

TYPICAL USAGE

MOBILE	SHORT TERM	INTERMEDIATE	LONG TERM
STATIONARY	STATIONARY	STATIONARY	STATIONARY