



**Hidalgo County  
Planning  
Department**

**T.J. Arredondo, CFM**  
*Director of Planning*

**Main Office**

1304 S. 25<sup>th</sup> Street  
Edinburg, Texas 78542  
Phone (956) 318-2840  
Fax (956) 318-2844

**Precinct No. 1 Substation**

1900 Joe Stephens Ave. Ste. A  
Weslaco, Texas 78596  
Phone (956) 968-4734  
Fax (956) 973-7850

**Precinct No. 3 Substation**

2401 N. Moorefield Road  
Mission, Texas 78572  
Phone (956) 205-7045  
Fax (956) 205-7049

**PIPELINE AND UTILITY PERMIT APPLICATION PACKET**

**THE STATE OF TEXAS**

**COUNTY OF HIDALGO**

**PRECINCT 3**

**APPLICATION AND AGREEMENT FOR PIPELINE OR  
UTILITY PERMIT**

Date: October 10, 2022

Agua Special Utility District (hereinafter referred to as "Applicant") does hereby make application to the Hidalgo County through the Hidalgo County Planning Department (hereinafter referred to as "HCPD") to construct, maintain and repair pipelines or utilities across the easements, right-of-ways, property or property interest as described below.

Information required:

1. Name, Address and Phone number of Applicant:

Agua Special Utility District. Pamela S. Perez (Project Manager)

3120 North Abram, Palmview, Texas 78572 (956) 585-2459

2. Name, Address and Phone number of company or agency owning Pipeline or Utility (please indicate if same as Applicant):

Same as Applicant

3. Name, Address and Phone number of operator of Pipeline or Utility (please indicate if same as Applicant):

Same as Applicant

4. Name, Address and Phone number of contractor to install Pipeline or Utility:

Same as Applicant



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5. Is this a common carrier pipeline or utility? If yes, please submit the Applicant's Texas Railroad Commission Form "T-4" or similar form designating the facility:

No

6. Does Applicant have the Power of Eminent Domain?

No

7. Will the product be carried for hire or by the owner of the goods?

No

8. Name and Legal description of property owner requesting utility services if applicable:

Vicente Rios, Manuel Cardoza, Baudi Soliz- A 3.07-acre tract of land out of Lot 11, The Nick Doffing Company Subdivision No. 4, Hidalgo County Texas, recorded in Volume 6 Page 41, MRHC, Texas.

9. Type of utility work within county road right-of-way:

Bore Crossing     Line Extension Along R.O.W.     Other \_\_\_\_\_

10. Where is the origin of the line?

There is an existing 8" AguaSUD waterline along the North side of 6 Mile Road

11. Where is the destination of the line?

Approx. 60 LF service connection extended from the existing 8" water main towards the South side of 6 Mile Road



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**PIPELINE AND UTILITY PERMIT APPLICATION PACKET**

12. Utility Crossing Coordinate X: 26.309357 Y: -98.367844  
(NAD 83 Texas South FIPS 4205 feet)
13. Number and size of lines:  
One (1)- 1-inch water service connection with 2-inch casing
14. Pressure (each line):  
+/-50 psi
15. Content (each line):  
water
16. Estimated date of installation of Pipeline or Utility:  
Upon approval



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If requested permit is granted by HCPD, Applicant, in consideration thereof, agrees and binds itself as follows:

1. All pipelines or utilities herein will be horizontally placed within the right-of-way as determined by HCPD and at a minimum depth of five (5) feet below natural ground. Depth, horizontal, and vertical location shall be confirmed by HCPD Inspectors.
2. Location map, profile, and plans concerning the proposed pipeline or utility crossing will be furnished with this application.
3. HCPD will be notified in writing ten days prior to the beginning date of construction under this permit.
4. Applicant will bear the entire expense of all future relocations of any pipelines or utilities should such relocation, at the sole discretion of the Hidalgo County Commissioners Court, be necessary for improvements, alteration, or maintenance of Hidalgo County's easement or property of interest.
5. Applicant will notify the HCPD at least 48 hours prior to covering work and or completion of its work and removal of its equipment from the job site to permit HCPD to make an inspection.
6. Upon notification by the HCPD, the Applicant will promptly repair or rectify any deficiency or condition caused by the Applicant's operations or installations under this permit. Applicant will leave easement in as near the same condition or better, in the HCPD's sole judgment, as it existed prior to the commencement of the operations under this permit.
7. Hidalgo County shall not be liable or responsible for, and shall be saved and held harmless by Applicant, and further shall be indemnified by Applicant, from and against any and all suits, actions, losses, damages, claims, or liability of any character, type, or description, including all expenses of litigation, court costs, attorney's fees, and engineering fees for injury or death to any person, or injury to any property, received or sustained by any person or persons or property, arising out of, or occasioned by, directly or indirectly, the performance of Applicant under this agreement, including claims and damages arising in part from the negligence of Hidalgo County.



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It is the expressed intent of the parties to this agreement that the indemnity provided for in this section is extended by Applicant to indemnify and protect Hidalgo County from the consequences of Hidalgo County's own negligence, whether that negligence is the sole or contributory cause of the resultant injury death, or damage.

Applicant further agrees to defend, at its own expense, with attorneys acceptable to Hidalgo County and on behalf of Hidalgo County, and in the name of Hidalgo County, any claim or litigation brought against Hidalgo County in connection with any such injury, death or damage.

Before construction is begun on such pipeline or utility crossings, Applicant will furnish to the HCPD a certificate of insurance (or other security approved by the HCPD) payable to Hidalgo County and protecting Hidalgo County (as an additional named insured) against any claims for personal injuries or damages to property resulting from the operations of Applicant, its agents, servants, employees, and contractors under this permit. Insurance is to be supplied in accordance with the attached Schedule A.

8. Hidalgo County makes no warranties, expressed or implied, in the granting of this permit; nor does Hidalgo County purport to grant any property interest or exclusive privileges whatsoever by granting such permit. It is specifically understood that Hidalgo County is not the agent for, nor does it act for, the fee owners or any persons or entities having any right, or title to possession of the land upon which Hidalgo County's easement or other property interest is located. Furthermore, in granting this permit Hidalgo County makes no representation or warranty that it has any property interest, including, but not limited to, an easement or right of way, in the land upon which Applicant constructs, maintains, repairs, or modifies the pipelines or utilities, made the subject of this application, nor does Hidalgo County make any representation or warranty as to the validity, quality or extent of such property interest, if any. Applicant acknowledges its understanding that Hidalgo County in granting this permit, does not convey or grant to Applicant any rights, title or interest for which is has no legal authority to grant or convey.
9. Applicant binds itself to comply with all federal, state, and local laws or regulations and will obtain all necessary permits from all local and federal agencies required by law before installation or construction is begun.



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10. Applicant will install its pipelines and utilities in a manner and location as shown in the plans and specifications filed with HCPD in support of this application for permit. Hidalgo County Planning Department's representative may at any time make such inspection as such engineer or other representation may deem necessary to assure that the construction of the pipeline or utilities is in accordance with the plans and specifications submitted, and said engineer or representative shall have the right to temporarily suspend Applicant's work if necessary, while such inspection is being made. Should Applicant not install the pipelines or utilities in accordance with the terms and conditions of this permit, Applicant agrees that Hidalgo County shall have the right to require, at Applicant's expense, the removal of the pipelines and utilities and its replacement in conformance to said plans and specifications and conditions of this permit. Hidalgo County may revoke this permit and suspend all work hereunder if it is determined by Hidalgo County that the pipelines or utilities are not being installed in accordance with such plans and specifications and conditions of this permit. The suspension or revocation of this permit shall not be a basis for a claim for damages against Hidalgo County.
11. Except in emergency situations where it is necessary to protect life and property, Applicant will not make any change, modification, or alteration in or to the pipelines or utilities without first securing a new or amended permit from Hidalgo County prior to the making of any such change. Applicant will maintain the pipelines or utilities hereby authorized in good and safe condition, and in accordance with plans, specifications, and this permit.
12. Applicant agrees to pay HCPD a permit fee to cover administrative costs in the amount of **\$500.00**, plus a reimbursement to HCPD for any necessary engineering fees which may be incurred for the study and processing of the Application. This fee will permit a single pipeline or utility to be within County right-of-way. Applicant further agrees to pay an additional fee of **\$500.00** for each additional line included in permit application at the same location; however, more than one location may be included in a single application.

Requests to lay additional line or lines, not included in an initial permit application, must be made by separate application, with new permit fees paid accordingly and support data provided.



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Permit fees may be waived where Applicant is a state, county, municipality, or a special political subdivision.

13. The Applicant is allowed one hundred twenty days (120) from the granting of the permit to start construction of the pipelines or utilities crossings. Once started, the Applicant is allowed ninety (90) days to complete all work under such permit. All construction must be completed within two hundred ten (210) days from the date of issuance of permit. Upon application, extension of the time periods set forth in this paragraph may be granted by the Hidalgo County Commissioners Court. Such applications for extension must be received by HCPD at least thirty days before the expiration of the two hundred ten (210) days period. A new permit fee, in accordance with Paragraph 12 hereof, will be charged for each extension granted.

Construction of any pipeline or utility crossing will not begin until written approval has been given by HCPD.

14. All provisions of the Pipeline and Utility Permit Administration Policy of Hidalgo County, if any, and all amendments thereto, are hereby incorporated herein as part of the terms and conditions of this permit for all purposes.
15. Applicant warrants and represents that it has secured from all fee owners of the involved property an easement or other property rights to construct, repair or modify the pipeline or utility in the manner set forth herein.
16. This Pipeline and Utility Permit if granted by Hidalgo County is subject to any and all other requirements, specifications and conditions listed in Exhibit A attached hereto.
17. Hidalgo County requires all coordinates of all utility crossings. Horizontal datum to be in NAD 83 State Plane Texas South 4205 feet and vertical datum in NAVD 88 Geoid 12a.



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18. This permit constitutes the entire agreement between the parties with regard to the subject matter hereof, and all prior agreements, representations, and negotiations between the parties regarding the subject matter are hereby superseded. This permit shall not be altered or amended except by an agreement in writing executed by the parties hereto.

19. Applicant warrants and represents that its undersigned representative has full authority to bind Applicant to the terms and conditions of the foregoing Application and Agreement for Pipeline or Utility Permit.

DATED this 10th day of October, 2022.

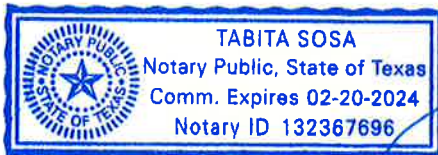
Emigdio Salinas, PE  
(Name of Applicant – Printed or Typed)

By:   
Signature

Title: District Engineer

STATE OF TEXAS  
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant,  
Emigdio Salinas, on this 10<sup>th</sup> day of October, 2022,  
to which witness my hand and seal of office.



  
Notary Public for the State of Texas  
My Commission Expires: 02.20.2024



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**APPROVAL OF APPLICATION BY  
HIDALGO COUNTY PLANNING DEPARTMENT**

Came on for consideration this \_\_\_\_\_ day of \_\_\_\_\_,  
20\_\_\_\_. The above and foregoing Application for Pipeline and Utility  
Permit, and after consideration of the same by the Hidalgo County  
Commissioners Court, said Application and Agreement for Pipeline or  
Utility Permit is hereby APPROVED.

HIDALGO COUNTY:

\_\_\_\_\_  
Richard F. Cortez, County Judge



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**EXHIBIT A**

(Please insert description of project location and supporting documents for proposed utility work)

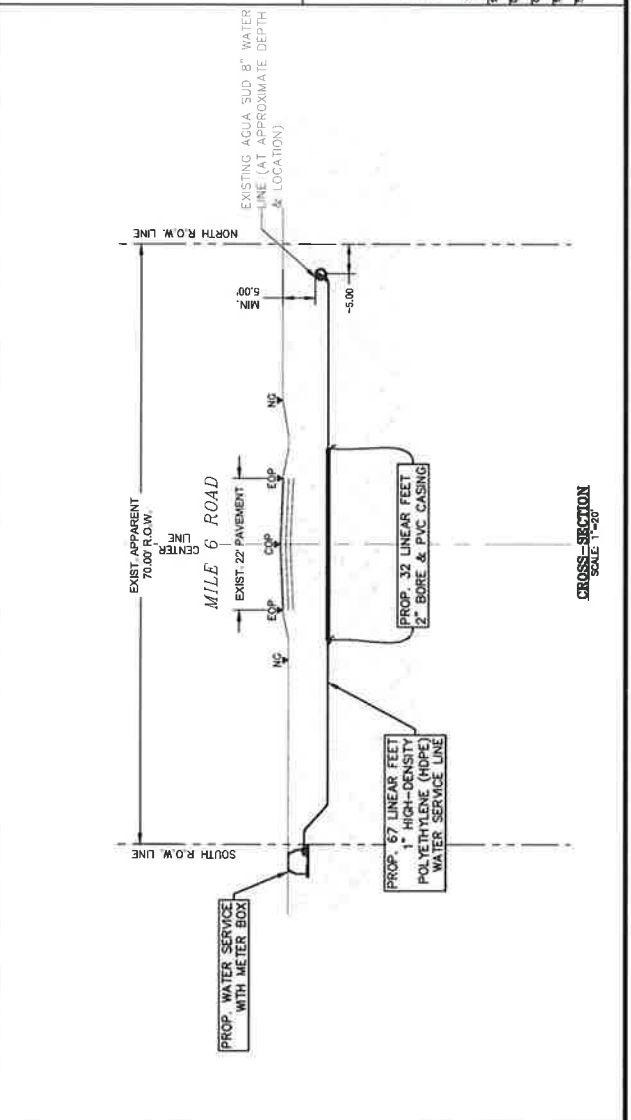
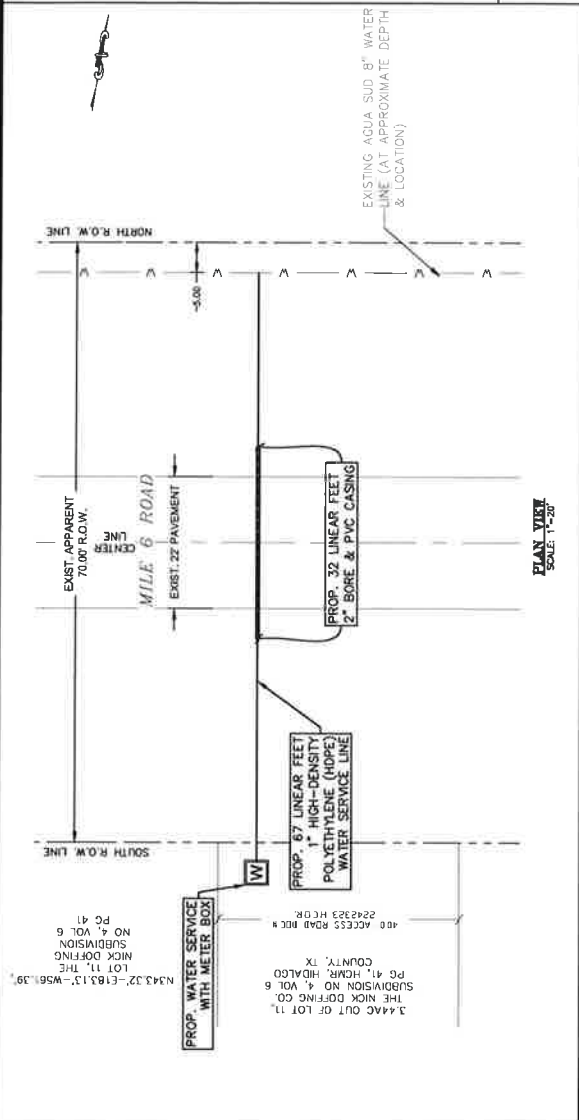
Emigdo "Mito" Salinas, P.E.  
 PO BOX 5069  
 MCALLEN TX 78502  
 956.227.5327  
 info@m2-engineers.com  
 FIRM REGISTRATION # F-19545



AGUA SPECIAL UTILITY DISTRICT  
 4847 W MILE 6 ROAD  
 HIDALGO COUNTY, TEXAS  
 WATER SERVICE LINE  
 BORE CROSSING EXHIBIT

SCALE: 1" = 20'  
 SHEET NO: DI  
 PROJECT NO: 2022010303 SALINAS  
 DATE: 07/11/22

EXHIBIT "A"



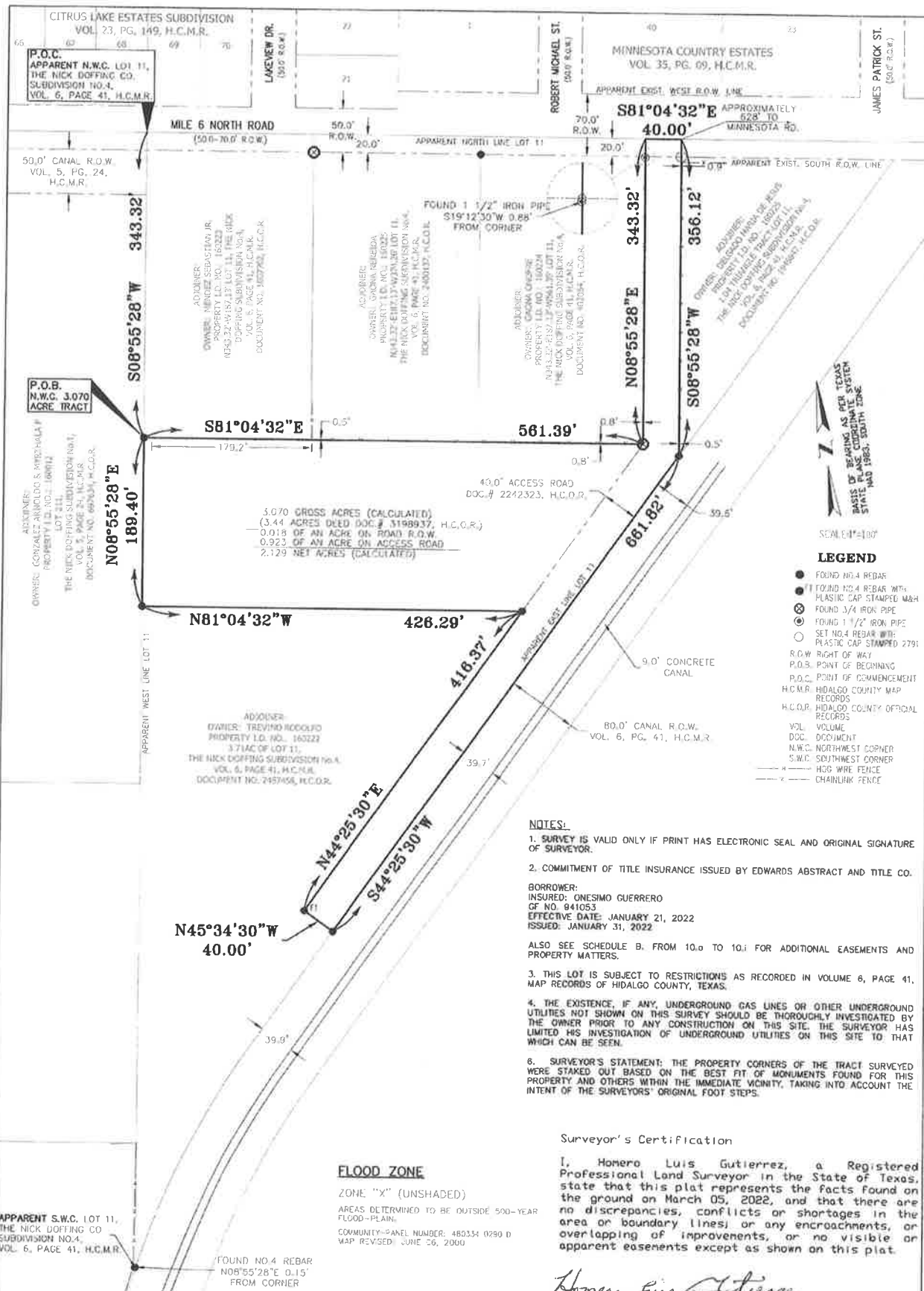
LEGEND

NG	NATURAL GROUND
EOP	EDGE OF PAVEMENT
CDP	CENTER OF PAVEMENT
PROPOSE	PROPOSE
EXIST.	EXIST.
ROW	RIGHT-OF-WAY
MIN.	MINIMUM

**Know what's below.  
 Call before you dig.**  
 (@ least 48 hours prior to digging)

GENERAL NOTES:

1. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE BASED ON OBSERVATION OF ABOVE GROUND STRUCTURES, LINES SPOTTED BY THE OWNER, AND UTILITY LOCATIONS. ADDITIONAL BURED UTILITIES MAY BE ENCOUNTERED UPON EXCAVATION.
2. BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL CALL FOR UTILITY SPOTTING BY THE APPROPRIATE AGENCY AND VERIFY THE LOCATION OF THESE UTILITIES TO HIS SATISFACTION. (1-800-DIG-TESS)
3. ANY DAMAGE CAUSED TO EXISTING STRUCTURES AND/OR UTILITIES BY THE CONTRACTOR SHALL BE THE CONTRACTORS RESPONSIBILITY TO CORRECT AT HIS EXPENSE.
4. ANY DAMAGE TO PROPERTY, OUTSIDE THE CONSTRUCTION ZONE, CAUSED BY THE CONTRACTOR, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CORRECT AT HIS EXPENSE.



**SURVEY PLAT SHOWING  
3.070 GROSS ACRES  
(3.44 ACRES RECORDED)  
OUT OF LOT 11, THE NICK  
DOFFING CO. SUBDIVISION NO. 4,  
VOL. 6, PG. 41, H.C.M.R.  
HIDALGO COUNTY, TEXAS  
SEE EXHIBIT "A" FOR  
METES AND BOUNDS DESCRIPTION**



**NOTES:**

1. SURVEY IS VALID ONLY IF PRINT HAS ELECTRONIC SEAL AND ORIGINAL SIGNATURE OF SURVEYOR.
2. COMMITMENT OF TITLE INSURANCE ISSUED BY EDWARDS ABSTRACT AND TITLE CO.

**BORROWER:**  
INSURED: ONESIMO GUERRERO  
OF NO. 841053  
EFFECTIVE DATE: JANUARY 21, 2022  
ISSUED: JANUARY 31, 2022

ALSO SEE SCHEDULE B. FROM 10.0 TO 10.1 FOR ADDITIONAL EASEMENTS AND PROPERTY MATTERS.

3. THIS LOT IS SUBJECT TO RESTRICTIONS AS RECORDED IN VOLUME 6, PAGE 41, MAP RECORDS OF HIDALGO COUNTY, TEXAS.
4. THE EXISTENCE, IF ANY UNDERGROUND GAS LINES OR OTHER UNDERGROUND UTILITIES NOT SHOWN ON THIS SURVEY SHOULD BE THOROUGHLY INVESTIGATED BY THE OWNER PRIOR TO ANY CONSTRUCTION ON THIS SITE. THE SURVEYOR HAS LIMITED HIS INVESTIGATION OF UNDERGROUND UTILITIES ON THIS SITE TO THAT WHICH CAN BE SEEN.
5. SURVEYOR'S STATEMENT: THE PROPERTY CORNERS OF THE TRACT SURVEYED WERE STAKED OUT BASED ON THE BEST FIT OF MONUMENTS FOUND FOR THIS PROPERTY AND OTHERS WITHIN THE IMMEDIATE VICINITY, TAKING INTO ACCOUNT THE INTENT OF THE SURVEYORS' ORIGINAL FOOT STEPS.

Surveyor's Certification

I, Homero Luis Gutierrez, a Registered Professional Land Surveyor in the State of Texas, state that this plat represents the facts found on the ground on March 05, 2022, and that there are no discrepancies, conflicts or shortages in the area or boundary lines, or any encroachments, or overlapping of improvements, or no visible or apparent easements except as shown on this plat.

*Homero Luis Gutierrez* 03-06-22  
Homero Luis Gutierrez, RPLS #2791 Date

**HOMERO L. GUTIERREZ, P.E., R.P.L.S.**

P.O. Box 548  
McAllen, Texas 78505  
(956) 369-0988

DATE: 03-06-22 JOB No. HLG22-03-003 DRAWN BY: P.R.

- LEGEND**
- FOUND NO. 4 REBAR
  - ⊕ FOUND NO. 4 REBAR WITH PLASTIC CAP STAMPED M&R
  - ⊗ FOUND 3/4" IRON PIPE
  - ⊙ FOUND 1 1/2" IRON PIPE
  - SET NO. 4 REBAR WITH PLASTIC CAP STAMPED 2791
  - R.O.W. RIGHT OF WAY
  - P.O.B. POINT OF BEGINNING
  - P.O.C. POINT OF COMMENCEMENT
  - H.C.M.R. HIDALGO COUNTY MAP RECORDS
  - H.C.O.R. HIDALGO COUNTY OFFICIAL RECORDS
  - VOL. VOLUME
  - PG. PAGE
  - H.C.M.R. H.C.M.R.
  - N.W.C. NORTHWEST CORNER
  - S.W.C. SOUTHWEST CORNER
  - HOG WIRE FENCE
  - - - CHAINLINK FENCE

SCALE 1"=100'



P.O.C. APPARENT N.W.C. LOT 11, THE NICK DOFFING CO. SUBDIVISION NO. 4, VOL. 6, PAGE 41, H.C.M.R.

P.O.B. N.W.C. 3.070 ACRE TRACT

ADJOINER: GONZALEZ-ARIBOLDO S. WITCHELAP PROPERTY I.D. NO. 100712 THE NICK DOFFING CO. SUBDIVISION NO. 4, VOL. 6, PAGE 41, H.C.M.R. DOCUMENT NO. 669763, H.C.O.R.

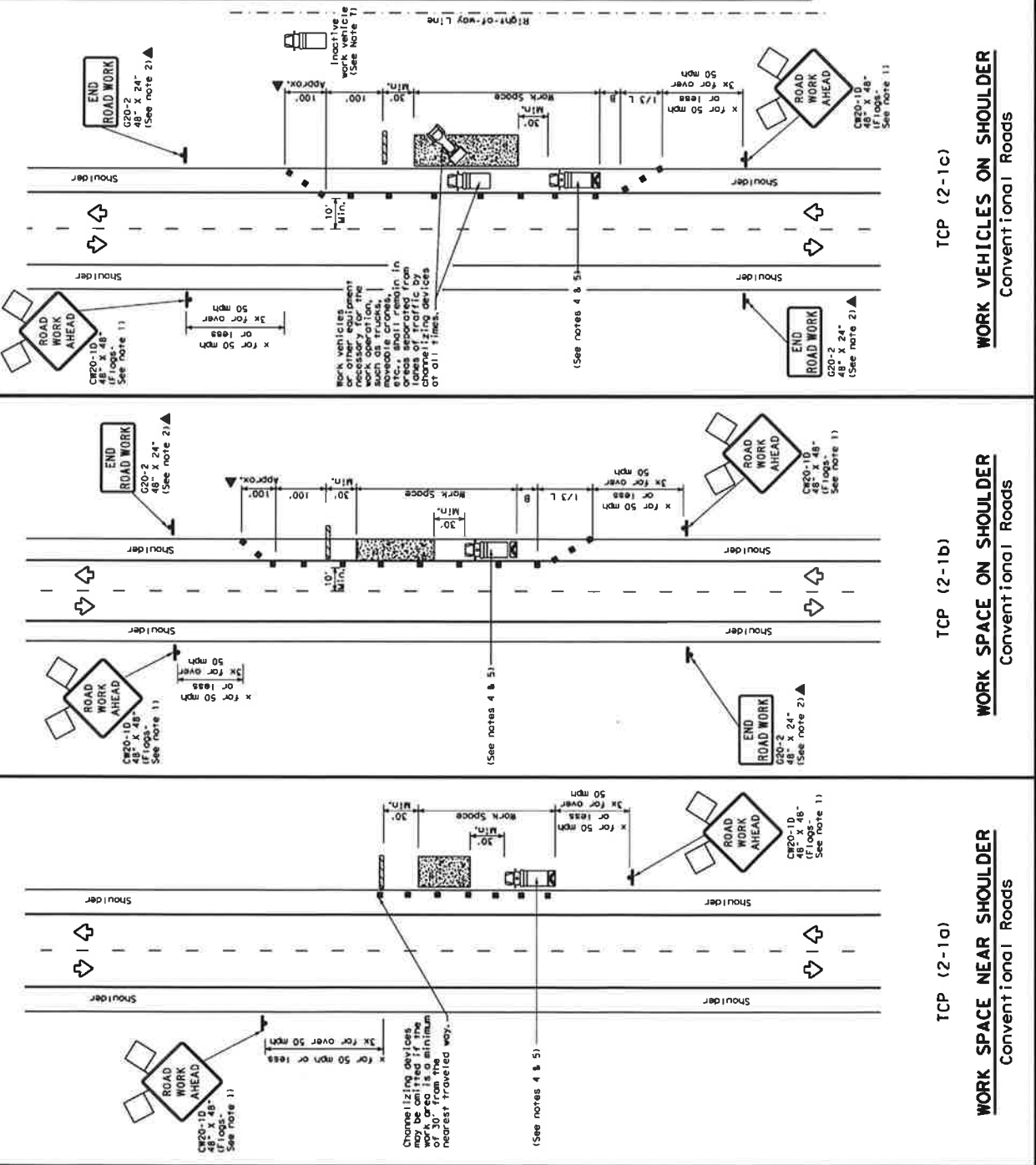
ADJOINER: TREVIÑO RECOILDO PROPERTY I.D. NO. 163222 3.71 AC OF LOT 11, THE NICK DOFFING SUBDIVISION NO. 4, VOL. 6, PAGE 41, H.C.M.R. DOCUMENT NO. 2457456, H.C.O.R.

3.070 GROSS ACRES (CALCULATED)  
(3.44 ACRES DEED DOC. # 3198937, H.C.O.R.)  
0.018 OF AN ACRE ON ROAD R.O.W.  
0.923 OF AN ACRE ON ACCESS ROAD  
2.129 NET ACRES (CALCULATED)

**FLOOD ZONE**  
ZONE "X" (UNSHADED)  
AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD-PLAIN.  
COMMUNITY-PANEL NUMBER: 480354 0290 D  
MAP REVISED: JUNE 16, 2000

FOUND NO. 4 REBAR N08°55'28"E 0.15' FROM CORNER

APPARENT S.W.C. LOT 11, THE NICK DOFFING CO. SUBDIVISION NO. 4, VOL. 6, PAGE 41, H.C.M.R.



**LEGEND**

Type 3 Barricade	Channelizing Devices
Truck Mounted Rear Reflectors (TMRS)	Truck Mounted Rear Reflectors (TMRS)
Trailer Mounted Flashing Arrow Board	Trailer Mounted Flashing Arrow Board
Sign	Sign
Flag	Flag

Posted Speed (MPH)	Minimum Taber Length (ft)	Suggested Maximum Spacing of Channelizing Devices (ft)	Minimum Spacing of Longitudinal Barricade Posts (ft)	Suggested Longitudinal Spacing of Barricade Posts (ft)
30	10'	11'	12'	12'
35	15'	15'	15'	15'
40	20'	20'	20'	20'
45	25'	25'	25'	25'
50	30'	30'	30'	30'
55	35'	35'	35'	35'
60	40'	40'	40'	40'
65	45'	45'	45'	45'
70	50'	50'	50'	50'
75	55'	55'	55'	55'

\* Conventional Roads Only  
 \*\* Taber lengths have been rounded off.  
 L=Length of Taber (FT) Minimum of Offset (FT) S-Posted Speed(MPH)

**TYPICAL USAGE**

MOBILE	SHORT DURATION	STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
✓	✓	✓	✓	✓

**GENERAL NOTES**

- Flags attached to signs where shown, are REQUIRED.
- Signs and signs with reflective sheeting may be used, except those shown with the triangle symbol may be used when stored in the plane, or for routine maintenance work, when approved by the Engineer.
- Stockpiled material should be placed a minimum of 30 feet from nearest traveled way.
- Signs should be placed a minimum of 30 feet from the nearest traveled way, and high intensity color, flashing, reflective sheeting, and other equipment should be used as needed. If it can be positioned 30 to 100 feet in advance of the work area, it can be positioned 30 to 100 feet in advance of the work area. If workers are no longer present in the work area, the traffic control should remain in place until the work area is closed. Channelizing devices may be substituted for the Shadow Vehicle and TMRS.
- Additional Shadow Vehicles with TMRS may be positioned off the paved surface, next to those shown in order to protect a wider work space. See TCP(11) for shoulder work on divided highways, expressways and freeways.
- Shadow vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
- "ROAD WORK AHEAD" signs may be used in place of C820-10.

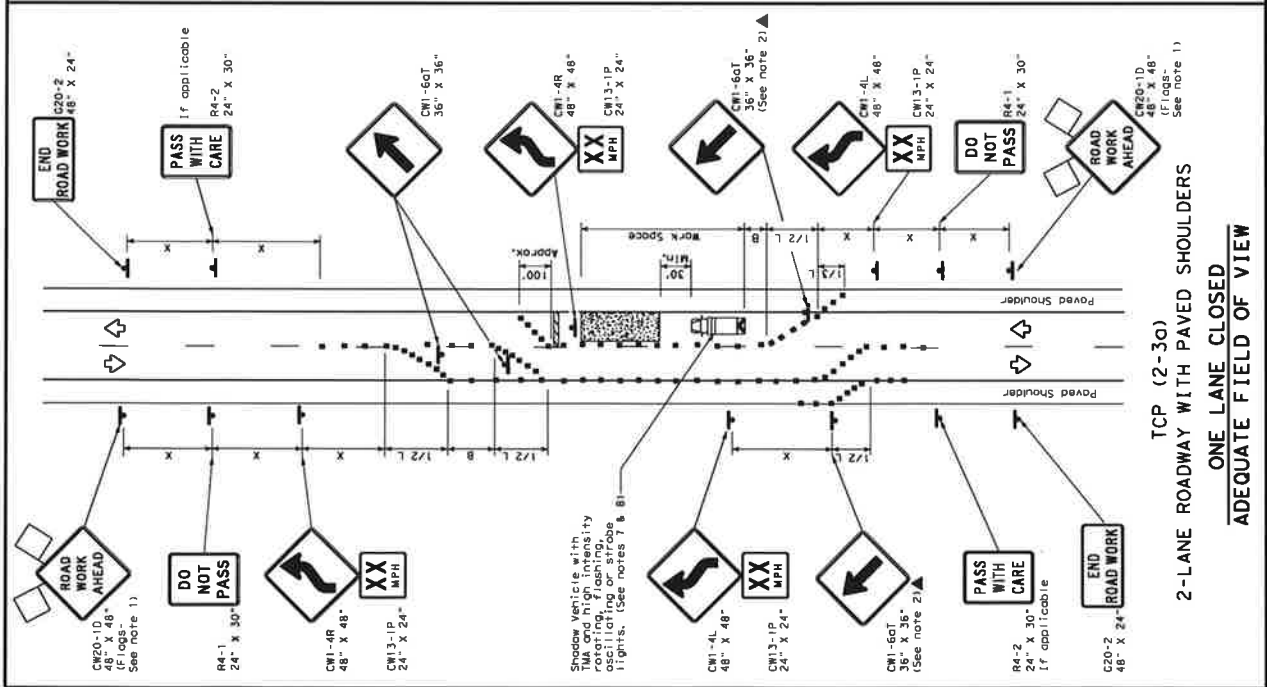
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Texas Department of Transportation  
 Traffic Operations Standard

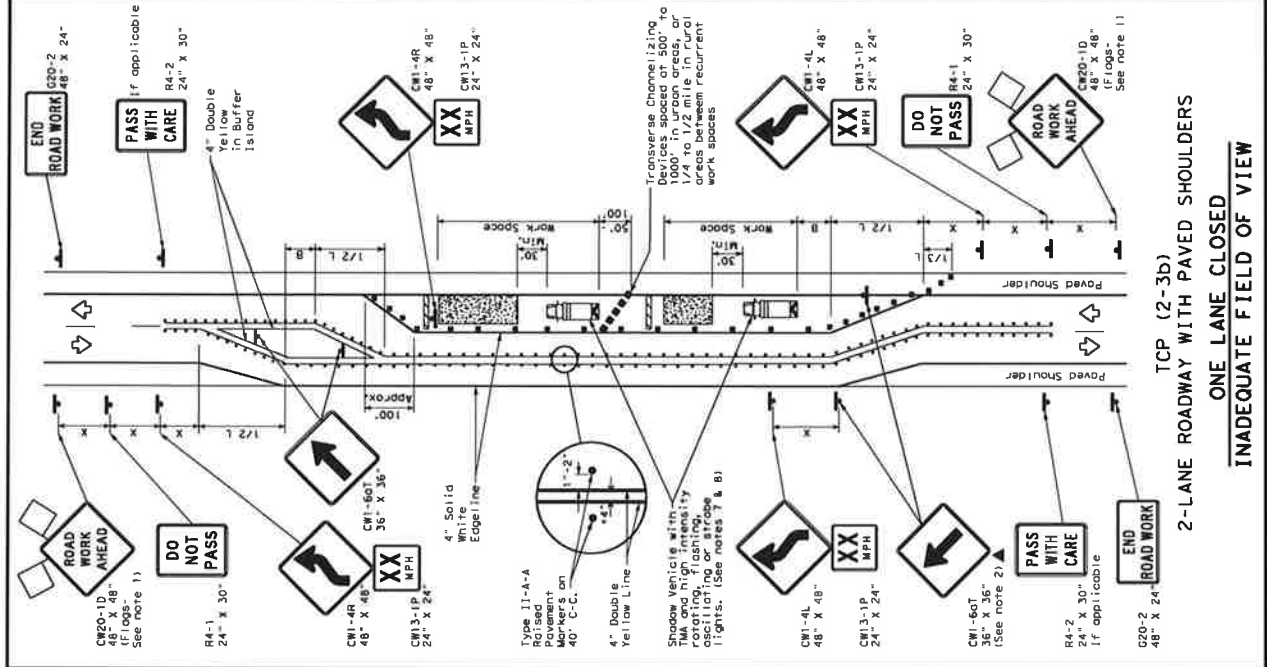
**TRAFFIC CONTROL PLAN**  
**CONVENTIONAL ROAD**  
**SHOULDER WORK**

**TCP (2-1) - 18**

DATE	12/11/11	12:00:00	11:00:00	10:00:00	9:00:00	8:00:00	7:00:00	6:00:00	5:00:00	4:00:00	3:00:00	2:00:00	1:00:00	12:00:00
TIME	12:00:00	1:00:00	2:00:00	3:00:00	4:00:00	5:00:00	6:00:00	7:00:00	8:00:00	9:00:00	10:00:00	11:00:00	12:00:00	1:00:00
DATE	12/11/11	12:00:00	11:00:00	10:00:00	9:00:00	8:00:00	7:00:00	6:00:00	5:00:00	4:00:00	3:00:00	2:00:00	1:00:00	12:00:00
TIME	12:00:00	1:00:00	2:00:00	3:00:00	4:00:00	5:00:00	6:00:00	7:00:00	8:00:00	9:00:00	10:00:00	11:00:00	12:00:00	1:00:00



TCP (2-3G)  
2-LANE ROADWAY WITH PAVED SHOULDERS  
ONE LANE CLOSED  
ADEQUATE FIELD OF VIEW



TCP (2-3b)  
2-LANE ROADWAY WITH PAVED SHOULDERS  
ONE LANE CLOSED  
INADEQUATE FIELD OF VIEW

LEGEND	
██████	Type 3 Barricade
▣	Channelizing Devices
▣	Truck Mounted Attenuator (TMA)
▣	Trailer Mounted Flashing Arrow Board
▣	Raised Pavement Markers Type III-AA
▣	Sign
▣	Flag
▣	Traffic Flow
▣	Flagger

Postage Formula	Minimum Spacing of Sign	Minimum Spacing of Sign	Minimum Spacing of Sign	Minimum Spacing of Sign
Speed	On-Off	On-Off	On-Off	On-Off
30	150'	180'	30'	60'
35	205'	225'	35'	70'
40	265'	295'	40'	80'
45	330'	365'	45'	90'
50	400'	440'	50'	100'
55	475'	515'	55'	110'
60	560'	600'	60'	120'
65	650'	700'	65'	130'
70	750'	800'	70'	140'
75	860'	900'	75'	150'

\* Convertional Roads Only  
\*\* Taper lengths have been rounded off.  
L = Length of taper (FT), Minimum of Offset (FT), S = Posted Speed (MPH)

TYPICAL USAGE			
MOBILE	SHORT TERM STATIONARY	INTERMEDIATE 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 as optional. The use of optional devices is at the discretion of the Engineer, or for routine maintenance work, when approved by the Engineer.
- When work space will be in place less than three days existing pavement markings may remain in place. Channelizing devices shall be used to separate traffic.
- Flagger control should NOT be used on less than one-way roads, or on roads where additional emphasis is required to control traffic. Flagger should be positioned at end of traffic queue.
- The R4-1 "DO NOT PASS", R4-2 "PASS WITH CARE", and construction regulatory speed zone signs may be installed within CW20-1D "ROAD WORK AHEAD" signs. Proper spacing of signs shall be maintained.
- A Shadow Vehicle with a TMA should be used on all projects.
- 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.
- Flaggers shall be positioned at the end of the paved surface, next to those shown in order to protect a wider work space.

**TCP (2-3a)**

Conflicting pavement markings shall be removed for long-term projects. Channelizing devices which separate two-way traffic should be spaced on tapers at 20' or 15'. If posted speeds are 35 mph or slower, and for tangent sections, at 1/215' where S is the speed in mph. This tighter device spacing is intended for the area of the conflicting markings, not the entire work zone.

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**TRAFFIC CONTROL PLAN**  
**TRAFFIC SHIFTS ON**  
**TWO-LANE ROADS**

TCP (2-3) - 18

DATE	BY	CHKD	APP'D
8-98	J.P.	J.P.	J.P.
4-98	J.P.	J.P.	J.P.

