



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office
1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

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 4

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

Date: 5/19/20

North Alamo Water Supply (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:
North Alamo Water Supply 420 S. Doolittle Rd. Edinburg, Tx 78542
(956) 383-1618 Angelica Hinojosa New Account Supervisor
2. Name, Address and Phone number of company or agency owning
Pipeline or Utility (please indicate if same as Applicant):
Same
3. Name, Address and Phone number of operator of Pipeline or
Utility (please indicate if same as Applicant):
Same
4. Name, Address and Phone number of contractor to install Pipeline
or Utility:
OG Construction (956) 292 - 4671



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office
1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

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

12. Utility Crossing Coordinate X: 3738415.93 Y: 1351233.10
(NAD 83 Texas South FIPS 4205 feet)
13. Number and size of lines: 6" C-900 pvc
12" casing 6" waterline
14. Pressure (each line):
35 PSI
15. Content (each line):
Potable Water
16. Estimated date of installation of Pipeline or Utility:
As soon permit gets approved



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office
1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

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

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.



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office

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

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

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.



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office

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

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

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.



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office

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

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

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.



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office

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

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

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 19TH day of MAY, 2020.

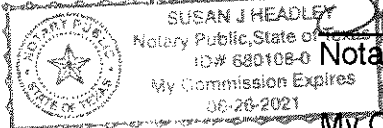
Angelica Hinojosa
(Name of Applicant – Printed or Typed)

By: *Angelica Hinojosa*
Signature

Title: New Account Supervisor

STATE OF TEXAS
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant,
Angelica Hinojosa, on this 19TH day of MAY, 2020,
to which witness my hand and seal of office.


Susan J. Headley
Notary Public for the State of Texas
My Commission Expires: 6-26-2021



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office
1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

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

**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



**Hidalgo County
Planning
Department**

T.J. Arredondo, CFM
Director of Planning

Main Office
1304 S. 25th Street
Edinburg, Texas 78542
Phone (956) 318-2840
Fax (956) 318-2844

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

EXHIBIT A

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



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/18/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER TCOR Management 1421 Hanz Drive New Braunfels TX 78130	CONTACT NAME: Katie McCarley	
	PHONE (A/C, No, Ext): (830) 387-7019 FAX (A/C, No): (830) 387-7022 E-MAIL ADDRESS: change@tcormanagement.com	
INSURED OG Construction Co., LLC 222 W University Dr Edinburg TX 78539	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Evanston Insurance Company	35378
	INSURER B: Allied Property & Casualty Ins Co	42579
	INSURER C: Texas Mutual Insurance	22945
	INSURER D:	
	INSURER E:	

COVERAGES CERTIFICATE NUMBER: CL1983015728 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			MKLV4PBC000674	08/29/2019	08/29/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			ACP 3009360516	08/29/2019	08/29/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED \$ RETENTION \$ <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE			MKLV4EUL102348	08/29/2019	08/29/2020	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000 \$ <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	0002002610	08/29/2019	08/29/2020	E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The General Liability and Auto policy includes a blanket automatic additional insured endorsement that provides additional insured status to the certificate holder only when there is a written contract between the named insured and the certificate holder that requires such status. The General Liability, Auto and Work Comp policies include a blanket automatic waiver of subrogation endorsement that provides this feature only when there is a written contract between the named insured and the certificate holder that requires it. The General Liability and Auto policy contains a special provision with "Primary and Noncontributory" wording. Umbrella is follow form. 30 day notice of cancellation applies as required by written contract.

CERTIFICATE HOLDER Hidalgo County Planning Department 1304 S. 25th Edinburg TX 78539	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

© 1988-2015 ACORD CORPORATION. All rights reserved.

TEXAS-MEXICAN RAILWAY COMPANY'S
SURVEY SUBDIVISION
VOL. 1, PG. 16
H.C.M.R.

ADDIS HARRY L. & GUIDA H. TRUST
LOT 14, SECTION 250
TEXAS-MEXICAN RAILWAY COMPANY'S
SURVEY SUBDIVISION
VOL. 1, PG. 16
H.C.M.R.

N.E.C. LOT 14, SECT 250
TEXAS-MEXICAN RAILWAY
COMPANY'S SURVEY
SUBDIVISION
VOL. 1, PG. 16
H.C.M.R.

SECTION 250
LOT 10

LOT 11, SECT 250
LOT 14, SECT 250

ABANDONED RAIL ROAD R.O.W.

PROP. 6" C-900 PVC
(TO BUILDING)

PROP. 6" C-900 PVC

ABANDONED RAIL ROAD R.O.W.

LOT 10, SECT 250
LOT 15, SECT 250

MIGUEL A. FARIAS
BEING 8.00 ACRE TRACT OF LAND
OUT OF LOT 14, SECTION 250
TEXAS-MEXICAN RAILWAY
COMPANY'S SURVEY SUBDIVISION
VOL. 1, PG. 16
H.C.M.R.

MEDRANO ADRIAN & ET UX
BEING 7.55 ACRE TRACT OF LAND
OUT OF LOT 14, SECTION 250
TEXAS-MEXICAN RAILWAY
COMPANY'S SURVEY SUBDIVISION
VOL. 1, PG. 16
H.C.M.R.

SECTION 250
LOT 14

TEXAS-MEXICAN RAILWAY COMPANY'S
SURVEY SUBDIVISION
VOL. 1, PG. 16
H.C.M.R.

SECTION 250
LOT 15

CECILIA CHAVEZ RD.
EXIST. 4" N.A.W.S.C.

1/2 MILE NORTH FROM
RICHARDSON BLVD.

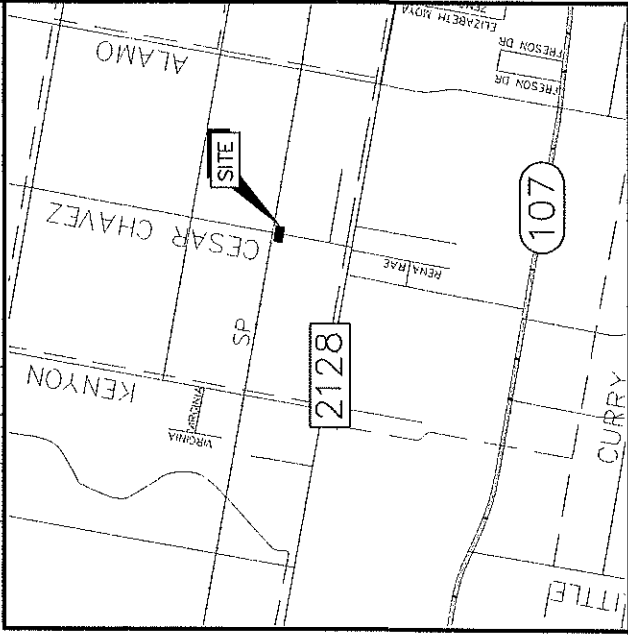
BORE 50 LF OF
12" CASING W/6"
WATERLINE

INSTALL 4"x6"
M.J. INCREASER
WITH 1-6" VALVE
& BOX



SCALE: 1"=100'

PROP. 6" WATERLINE
CROSSING

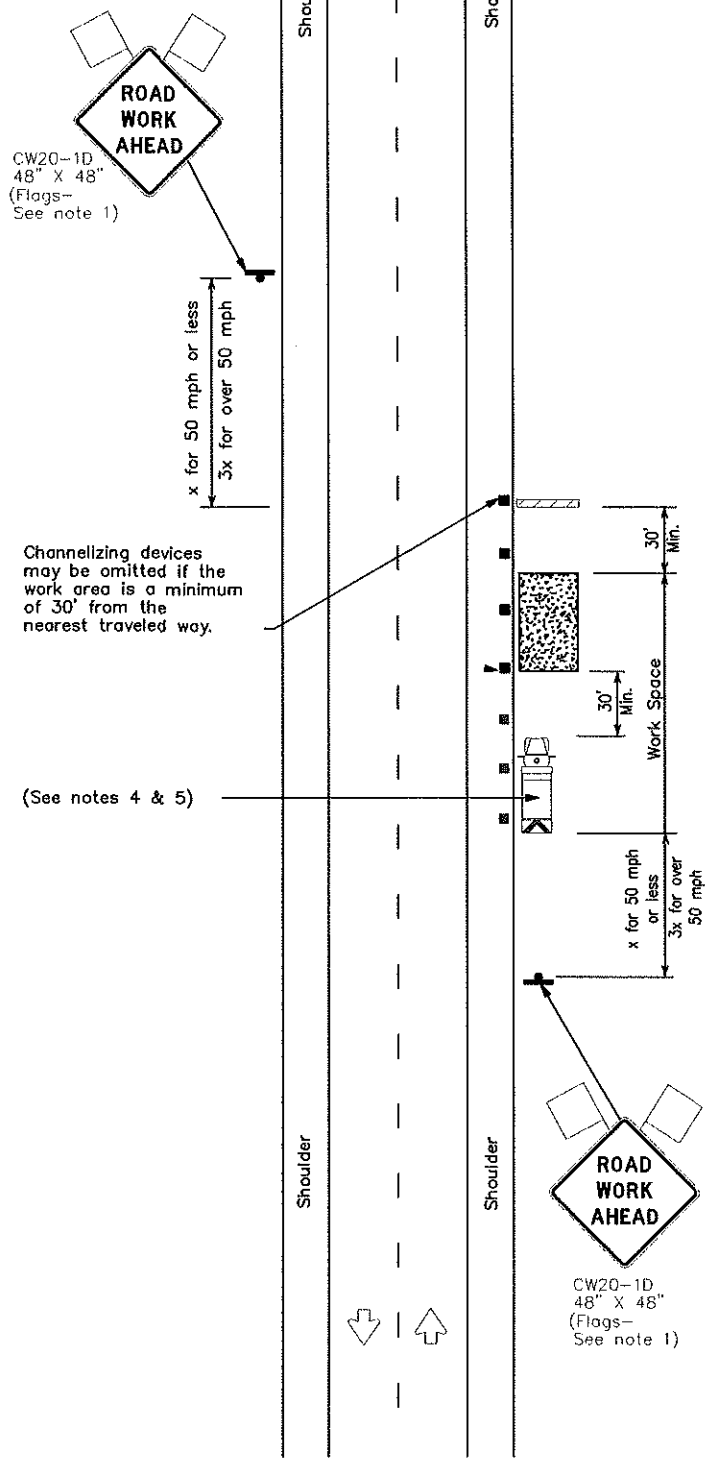


SDI ENGINEERING, LLC

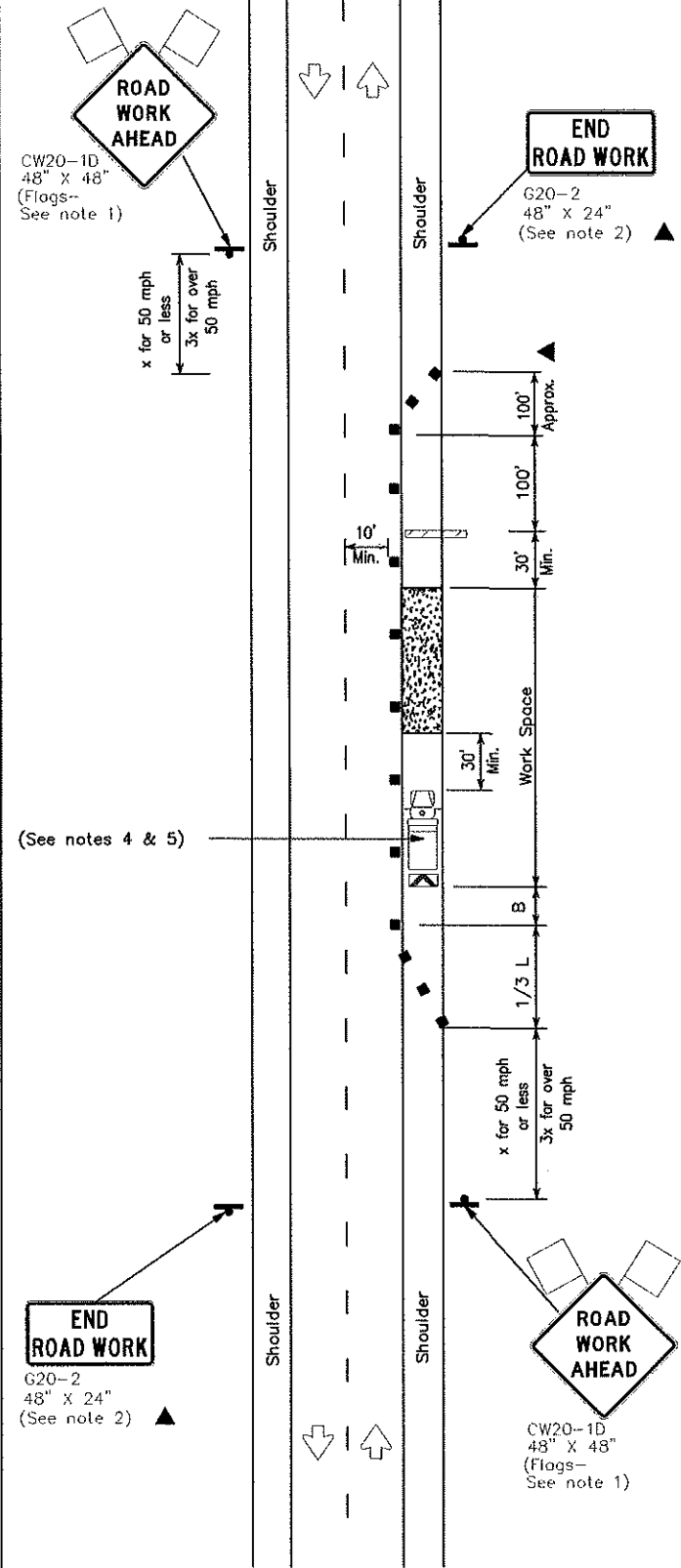
CIVIL • TRANSPORTATION • PLANNING • STORMWATER

5602 E. IOWA RD., EDINBURG, TEXAS 78542
(956) 287-1818 PH. (956) 287-5697 FAX
INFO@SDI-ENGINEERING.COM
TBPE REG. NO. F-13016

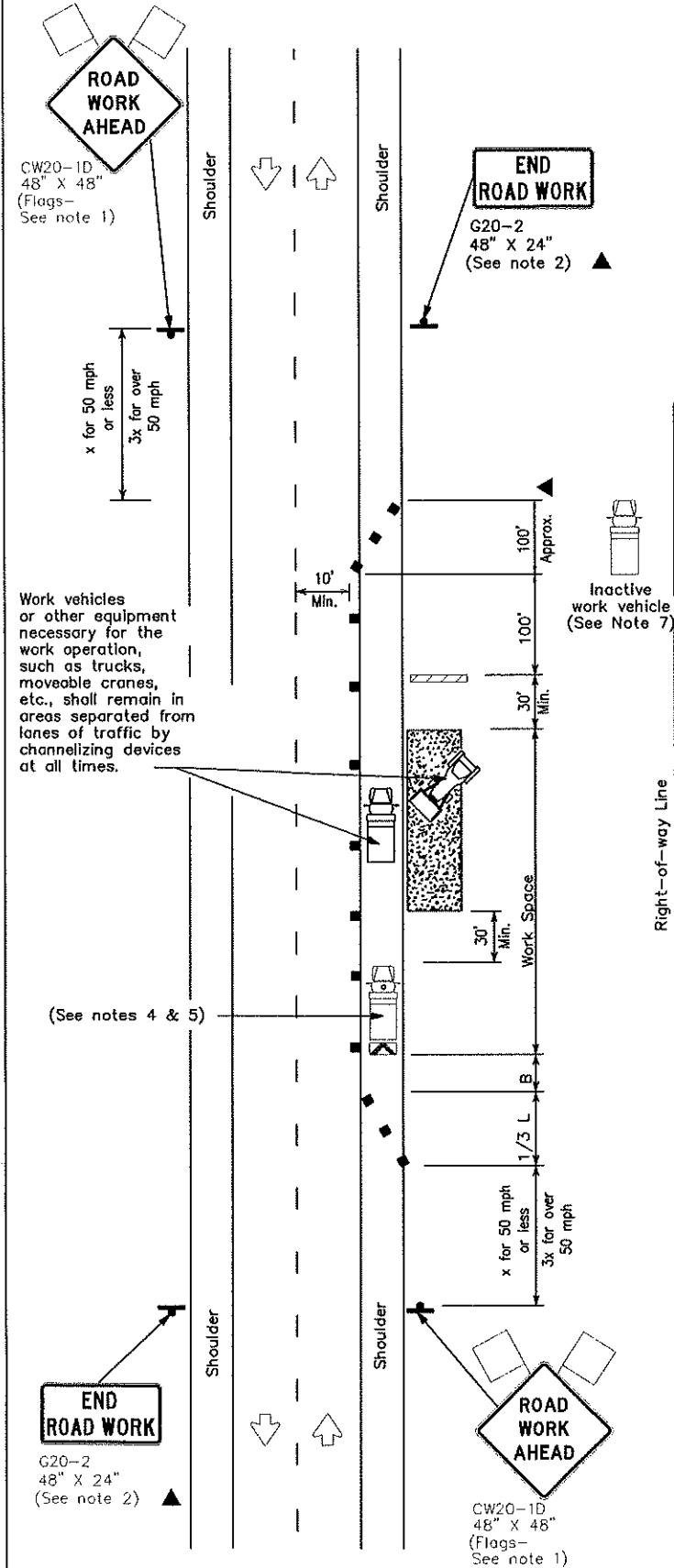
DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.



TCP (2-1a)
WORK SPACE NEAR SHOULDER
Conventional Roads



TCP (2-1b)
WORK SPACE ON SHOULDER
Conventional Roads



TCP (2-1c)
WORK VEHICLES ON SHOULDER
Conventional Roads

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 #	Formula	Minimum Desirable Taper Lengths †*			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "x" Distance	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	L = WS ² / 60	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40		265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50	L = WS	500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60		600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70		700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	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	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 with the triangle symbol may be omitted when stated in the plans, or for routine maintenance work, when approved by the Engineer.
 - Stockpiled material should be placed a minimum of 30 feet from nearest traveled way.
 - Shadow Vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. 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 a wider work space.
 - See TCP(5-1) for shoulder work on divided highways, expressways and freeways.
 - Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
 - CW21-5 "SHOULDER WORK" signs may be used in place of CW21-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK

TCP(2-1)-12

© TxDOT December 1985

DN: TxDOT	CK: TxDOT	OW: TxDOT	CK: TxDOT
REVISIONS	CONT	SECT	JOB
2-94	2-12		
8-95			
1-97			
4-98			
	DIST	COUNTY	SHEET NO.

161