REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT 92

On th	is 02	day of	DECEMBER	_, 2014	,Commissioners Court
came	on to be	heard and r	eviewed the accor	mpanying not	ice
of T	C - THE II	NDUSTRIAL C	OMPANY		
Job L	ocation	SMITHERS LAKE	EROAD		
Date	d 11/24	/14 BOND N	IO. 106175570	, Perm	it No. 84725
					t to, "A Revised Order
					epair of Buried Cables,
					ls, Streets, Highways, and
	_		Bend County, Texa		
					ssed by the Commissioners
					ust, 1987, recorded in
					Court of Fort Bend County, ith Article 1436a, Vernon's
Toya	s, to the c	extent mat s atuas Unan	Motion of Commis	sioner	, seconded
hv Co	ommissio	ner Patt	$71 \wedge 600$. du	ly put and car	ried, it is ORDERED,
-			that said notice of		
					County, Texas, and that sai
	_	_	d according to the		
Note					
1					nust be kept on the job site
_			constitutes grou	nds for job sn	utdown.
2		n notices are	e requirea: advance of constr	uction start u	n and
					for final inspection
			Permit Administ	~	101 Illiai mopeetion
	Man in	otices to.	Fort Bend County		
			301 JACKSON STREE		•
RICHMOND, Texas				77469	
			281-633-7500		
3	-	•	s one (1) year from	m date of per	mit if construction has not
	comme	enced.	٨		
Der	(-/ \	1 Ado	W	Drocontod	to Commissioners Court
Ву	County	Ingineer		and appro	
	County E	Migineer			in Volume $\frac{12/2}{14}$
By	V	N/A			f Commissioners Court.
-3	Drainage	· · · · · · · · · · · · · · · · · · ·	gineer/Manager		/ /
	8		, ,	Clerk of C	ommissioners Court
				By	m
(REV	ISED 10/16	5/13)		Deput	ty RENEE MICHULKA

COUNTY OF FORT BEND

Engineering Department

301 JACKSON STREET RICHMOND, Texas 77469

Johnny Ortega Permit Administrator 1124 Blume Road

Phone: (281) 633-7500

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

	PERMIT NO.	UU4725	
County" and	ng "Notice of Proposed Cable, Cond accompanying attachments have regulations set by Commissioner's (been reviewed and the r	notice conforms to
X	(1) Complete Application Form. X a. Name of road, str	eet, and/or drainage ditch	affected.
	X b. Vicinity map show	wing course of direction.	
X	(2) Bond:	luka ankahi	
	Perpetual bond cur No Amount X Performance bon No106175570 Amount _\$5,000.0 Cashier's Check. No Amount (3) Verbal permission given for en	d submitted.	ruction
	before approved in Commission Precinct Engineer Acknowledge		nte
	Precinct Commissioner Ackno	wledgment Da	nte
	(4)	L	
We h	Drainage District Approval wave reviewed this project and agree		ements.
	Pa CFM/ Permit Administrator	<u> </u>	11/24/2014
Tohnity Orte	98 CFM / Permit Administrator	Da	ate

FORT BEND COUNTY ENGINEERING PERMIT DEPARTMENT

CONSTRUCTION OF DRIVEWAYS AND CULVERTS ON COUNTY EASEMENTS AND RIGHT OF WAYS

COMMERCIAL PIPE PERMIT APPLICATION

1124 BLUME ROAD ROSENBERG, TX 77471

Mailing Address: 301 Jackson Richmond, Texas 77469 (Phone) 281-633-7502 or 7503 • (Fax) 281-633-7545

APPLICANT INFORMATION

Application No. S4125
(County Use Only)

	71	гррпсатоп		Use Only)
Applicant Name TIC – The Industrial Company				
Applicant Mailing Address 2500 Y.U. Jones Road				
City Richmond	State	TX	Zip	77469
Work Phone 970-846-5306	Daytime Pho	ne		
Property Owner's Name N.R.G.		Phor	ne	
Property Owner's Mailing Address 2500 Y.U. Jones Road				
City Richmond	State	TX	Zip	77469
LOCATION OF PROPERTY				
Subdivision Smithers Lake Road	Sec		Lot	Blk
Physical Address Smithers Lake Road				
(PLEASE ATTACH SITE MAP) SITE USE Driveway Curb & Gutter Section Culvert Only Driveway - Open Ditch Section Other DRIVEWAY REQUIREMENTS		<i>permits. Ins</i> Please comp Name:	tead, we wi	kenzie
Length 20' minimum and 40' maximum (See - Fort Bend County Procedures to be followed for Commer Available on website www.co-fort-bend.tx.us Does project comply with Fort Bend County Lighting Regula (See- Fort Bend County Outdoor Lighting Regulation on website By signing and submitting this permit application. I am stating that I am to County Regulations of Subdivisions and I am aware of Section 2. Item Easements and Right of Ways in Fort Bend County, and am responsi property. Driveway and Pipe Permits shall provide that construction pur nine months from the date of the permit and that fees collected for said per the form of CASH or PERSONAL CHECK or COMPANY CHECK or a Cattached. The undersigned applicant, agent or attorney hereby certifies to Comm	the owner of this property of the obtain all of the permit of the permit of the permit stands to the permit of the	Pend.tx.us) perty and I am for the Const her required will be comment andable or train	aware of an ruction of D permits asso need within s nsferable. I fu DER payable i	d agree to abide by the Fort Bend riveways & Culverts on County ciated with the above mentioned ix months and be completed within or ther understand the permit fee, in to FORT BEND COUNTY, must be

driveway and/or culvert in strict conformity with the plans, specifications, terms, provisions and conditions of the permit and any other written material incorporated by reference in this application.
 Other permits may be required for development. Please contact the Fort Bend County Road & Bridge Department for pipe sizing or the Fort Bend County Health Department for information on On-Site Sewage Facility permits prior to planning construction.

• Failure to possess or obtain required permits will result in legal action against the property owner as allowed by law.

Mrs. Milani.

Signature of Applicant, Agent or Attorney

Clay Mckenzie

PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROAD, COMMERCIAL DRIVEWAY AND MEDIAN OPENINGS OR MODIFICATIONS

AUTHORIZED

BOND NO_106175570	
THE STATE OF TEXAS §	
	MEN BY THESE PRESENTS:
COUNTY OF FORT BEND §	
THAT WE TO THAT I WAS	
THAT WE,TIC - The Industrial Company address is785 Greens Parkway, Suite 125, Houston, TX_77067	Whose
	Texas, hereinafter called the Principal, , a Corporation existing under and by virtue of
the laws of the state of Connecticut and authorized to do an	n indemnifying business in the state of Texas, and whose
principal office is located atOne Tower Square, Hartford, CT_06	183 , whose officer residing
in the State of Texas, authorized to accept service in all suits and	actions brought whining said state is Carmen Mims and
Whose address is 1301 E. Collins Blvd., Richardson, TX 75081 firmly bound unto, Robert e. Hebert, County Judge of Fort Ben	, hereinafter called the Surety, and held and
of Pollars (\$ 5,000,00-	current, lawful money of the United Stated of
America, to be paid to said Robert E. Hebert, County Judge of	f Fort Bend County, Texas, or his successors in office, to
which payment well and truly to be made and done, we, the	undersigned, bind ourselves and each of us, our heirs,
executors, administrators, successors, assigns, and legal represent	tatives, jointly and severally, by these presents.
THE CONDITION OF THIS BOND IS SHOUTHEAT	WHEDEAC the chare hound-
laying, constructing, maintaining and/or repairing one or more	, WHEREAS, the above bounden principal contemplates
along roads, streets and highways, commercial driveway and	median openings or modifications in the County of Fort
Bend, and the State of Texas, under the jurisdiction of the Comn	nissioners' Court of Fort Bend County, Texas, pursuant to
the Commissioners' Court order adopted on the 1st day of	December, A.D. 1980, recorded in Volume 13, of the
Commissioners' Court Minutes of Fort Bend County, Texas, regure referred to and made a part hereof for all purposes as though full	ulating same, which Commissioners' Court order is hereby
referred to and made a part neteor for an purposes as though ful	iy set out nerein;
AND WHEREAS, the principal desires to provide Fort H	Bend County with a performance bond covering all such
cable, conduit and/or pole line activity, commercial driveway and	
NOW THEREFORE if the above bounder principal ab	all 6-141 6-110 6 11 14 1 1
activity (including, but not limited to the laying, construction, ma	all faithfully perform all its cable, conduit and/or pole line
lines) in, under, across and/or along roads, streets and highways,	commercial driveway and median openings or
modifications in the County of Fort Bend and State of Texas, und	ler the jurisdiction of the Commissioners Court of Fort
Bend County, Texas, pursuant to and in accordance with minimu	am requirements and conditions of the above mentioned
Commissioners' Court order set forth and specified to be by said	principal done and performed, at the time and in the
manner therein specified, and shall pay over and make good and Fort Bend County may sustain by reason of any failure or default	t on the part of said principal, then this obligation shall be
null and void, otherwise to remain in full force and effect.	on the part of said principal, then this obligation shall be
	annum,
This bond is payable at the County Courthouse in the Co	builty of Fort Bend and State of Texas.
It is understood that at any time Fort Bend County deem	is itself insecure under this hand, it may require further
and/or additional bonds of the principal.	is used insecure under this bond, it may regulire further
	المالية
EXECUTED this 19th day of November	, 20 <u>14</u>
	PRINCIPAL PRINCIPAL
	11 M.
	My 'vacin's
	BY /
	Travelers Casualty and Surety Company of America

BY Traci Sutton, Attorney-in-Fact



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company Travelers Casualty and Surety Company Travelers Casualty and Surety Company of America United States Fidelity and Guaranty Company

Attorney-In Fact No.

225764

Certificate No. 006023647

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Philip G. Dehn, Terry K. Bartel, Tammy Pike, Paul A. Foss, Lisa Buller, Marie Huggins, and Traci Sutton

					1 Au (N. Park
other writings obligatory in the na	, Statemore than one is named above, to signature thereof on behalf of the Competering bonds and undertakings requi	n, execute, seal and actorion in their business	knowledge any and all be of guaranteeing the fide	elity of persons, guaranteeir	onal undertakings and
IN WITNESS WHEREOF, the G	Companies have caused this instrum	ent to be signed and the	eir corporate seals to be	hereto affixed, this	14th
	Farmington Casualty Company Fidelity and Guaranty Insuranc Fidelity and Guaranty Insuranc St. Paul Fire and Marine Insura St. Paul Guardian Insurance Co	e Underwriters, Inc. nce Company	Travelers C Travelers C	rcury Insurance Company asualty and Surety Compa asualty and Surety Compa es Fidelity and Guaranty C	nny nny of America
1977	MCORPORATED & THE	SEAL S	SEAL S	ATFORD CONN.	INCOMPOSITO SE 1896 SE
State of Connecticut City of Hartford ss.			By:	de La Carlor Vice President L. Raney, Senior Vice President	dent
be the Senior Vice President of Fa Fire and Marine Insurance Comp Casualty and Surety Company of	day of August armington Casualty Company, Fidel any, St. Paul Guardian Insurance Co America, and United States Fidelit in contained by signing on behalf of	ity and Guaranty Insura ompany, St. Paul Mercu y and Guaranty Compa	ince Company, Fidelity a try Insurance Company, my, and that he, as such,	Travelers Casualty and Sure, being authorized so to do,	lerwriters, Inc., St. Paul ety Company, Travelers
In Witness Whereof, I hereunto	set my hand and official seal.	EC. TETAL	Y	Marie C. 3	Litreault

58440-8-12 Printed in U.S.A.

In Witness Whereof, I hereunto set my hand and official seal. My Commission expires the 30th day of June, 2016.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 19 th day of November, 20











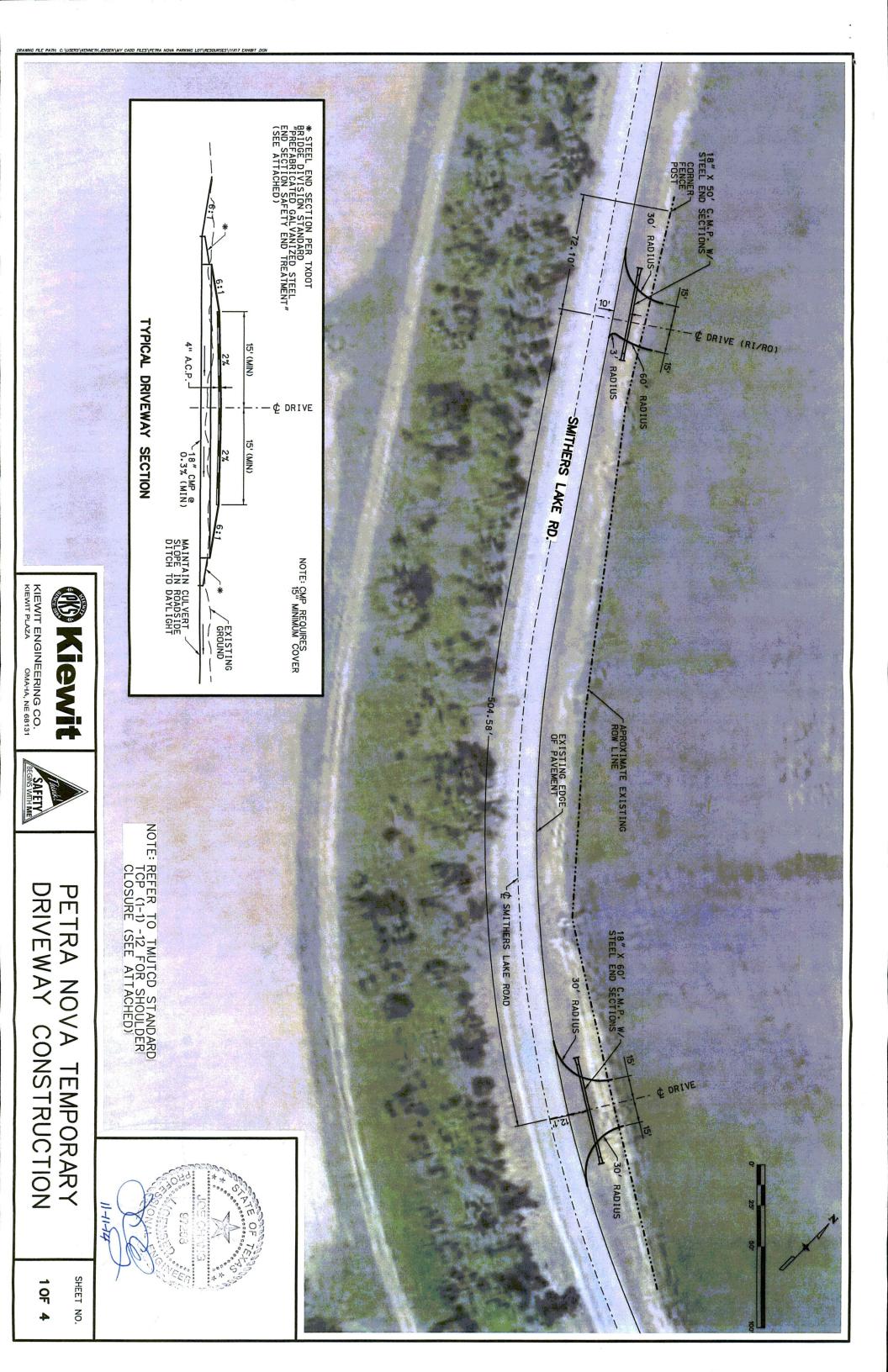


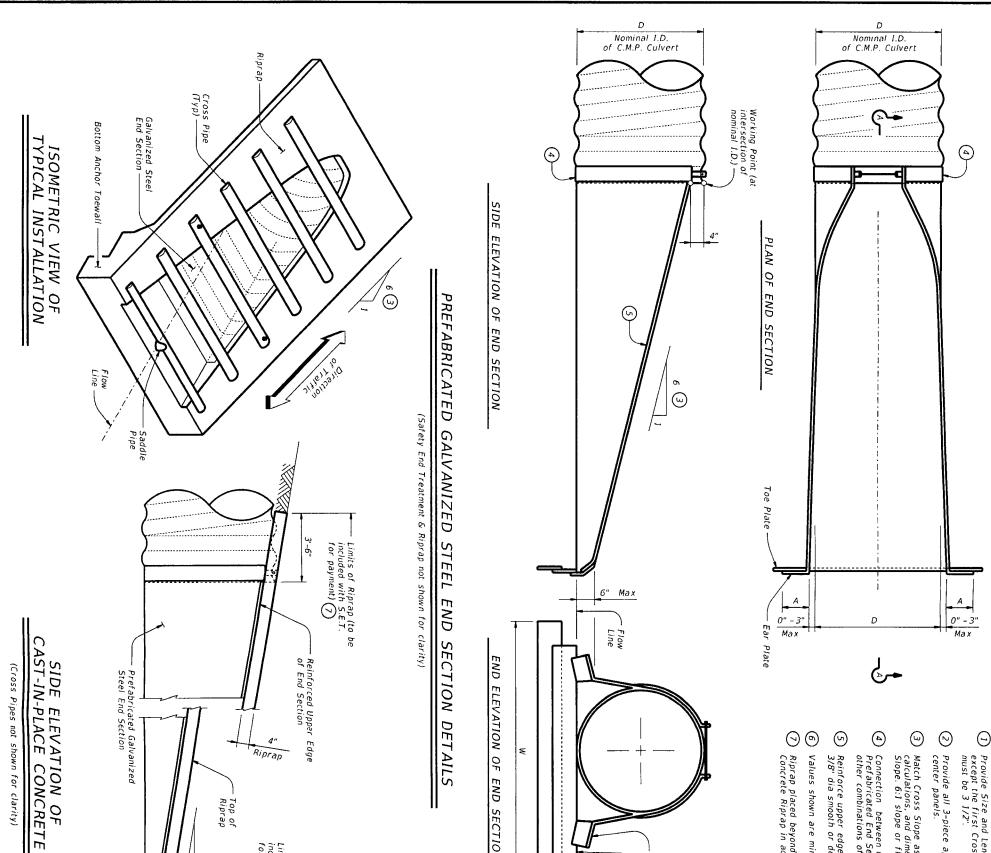






To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.





- Provide Size and Lengths of Cross Pipes as shown in the tables, except the first Cross Pipe from the bottom and the Saddle Pipe must be 3 1/2".
- Provide all 3-piece apron sections with 12 gage sides and 10 gage center panels.
- Match Cross Slope as shown elsewhere in the plans. All quantities, calculations, and dimensions shown herein are based on the 6:1 Slope. 6:1 slope or flatter is required for vehicle safety.
- Connection between Corrugated Metal Pipe Culvert and Galvanized Prefabricated End Section may be with strap and bolt as shown or other combinations of threaded rods and/or coupling bands.
- Reinforce upper edge of Prefabricated End Section with minimum 3/8" dia smooth or deformed bar (pre-galvanized).
- Values shown are minimum requirements
- Riprap placed beyond the limits shown will be paid as Concrete Riprap in accordance with Item 432, "Riprap"

36

قَ

D + 32"D + 32"

4.500 x 0.237

000 x 0.226 HSS Size

12/10

0

<u>_</u>

<u></u>

STD Size

Gage

STANDARD PIPE SIZES (1)

D (Nominal) (Culvert I.D.) 30" or Less 24" or less D (Nominal Culvert I.D.) 60" 54 42 36" 30, PREFABRICATED END SECTION INFORMATION CROSS PIPE LENGTHS & REQUIRED PIPE SIZES (e) Length of Cross Pipes

5'- 5"

Always Required

5.563 x 0.258

4'- 5"

Always Required

4.500 x 0.237

Cross Pipes Required

Cross Pipe Size

9

SECTION

-Toe Plate -Toe Plate Extension

MATERIAL NOTES:

Provide Cross Pipes and Saddle Pipes conforming to ASTM A1085, A500 (Grade B), A53
(Type E or S, Grade B), or APJ 518/52.

Provide bolts and nuts conforming to ASTM A307.

Galvanize all steel components, except reinforcement, after fabrication, Repair galvanizing damaged during transport or construction in accordance with Item 445, "Galvanizing".

Toe Plate Extensions are required only when shown elsewhere in the Plans.

Concrete Riprap is required only when Cross Pipes are required, unless otherwise shown in the Plans. Provide Concrete Riprap in accordance with Item 432, "Riprap". Bolted Anchor Toewall may be omitted when an alternate End Section with pre-attached cross pipes is supplied.

Synthetic fibers listed on the "Fibers for Concrete" Material Producer List (MPL) may be used in lieu of reinforcing steel in concrete riprap unless noted otherwise.

GENERAL NOTES:

The Safety End Treatments shown herein are intended for use in those installations where out of control vehicles are likely to traverse the openings approximately perpendicular to the Cross Pipes.

Cross Pipes are designed for a traversing load of 10,000 pounds at yield as recommended by Research Report 280-2F, "Safety Treatment of Roadside Parallel-Drainage Structures", Texas Transportation Institute, March 1981.

Alternate styles of End Sections, including those with pre-attached cross pipes, may be supplied. Alternate styles must meet all of the following: design values shown in tables for cross pipe size; spacing of cross pipes and location of first cross pipe; H. A. W., and gage for end section; and material requirements noted.

All Cross Pipes, calculations, and dimensions are based on the End Section shown on this standard. Alternate styles of End Sections will require that appropriate adjustments be made to the values presented on this standard.

Payment for riprap and toewall is included in price bid for each Safety End Treatment.

SHEET 1 OF 2

Limits of Riprap (to tincluded with S.E.T. for payment)

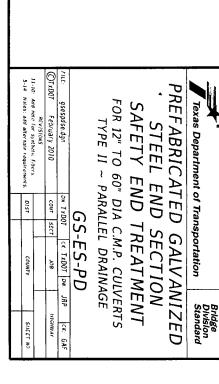
9

4"

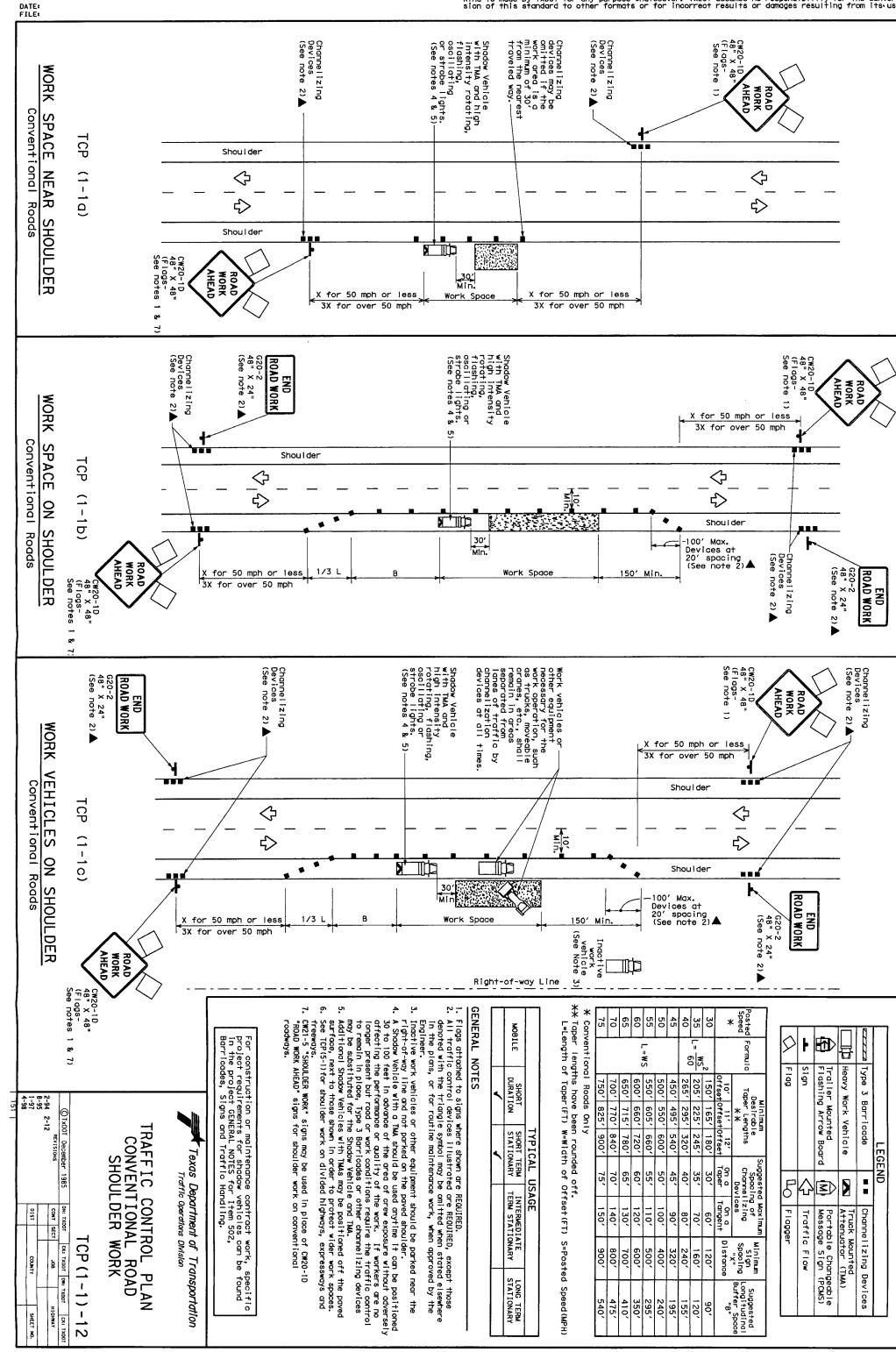
3"

10" 1' - 2"

1' -5"



Varies

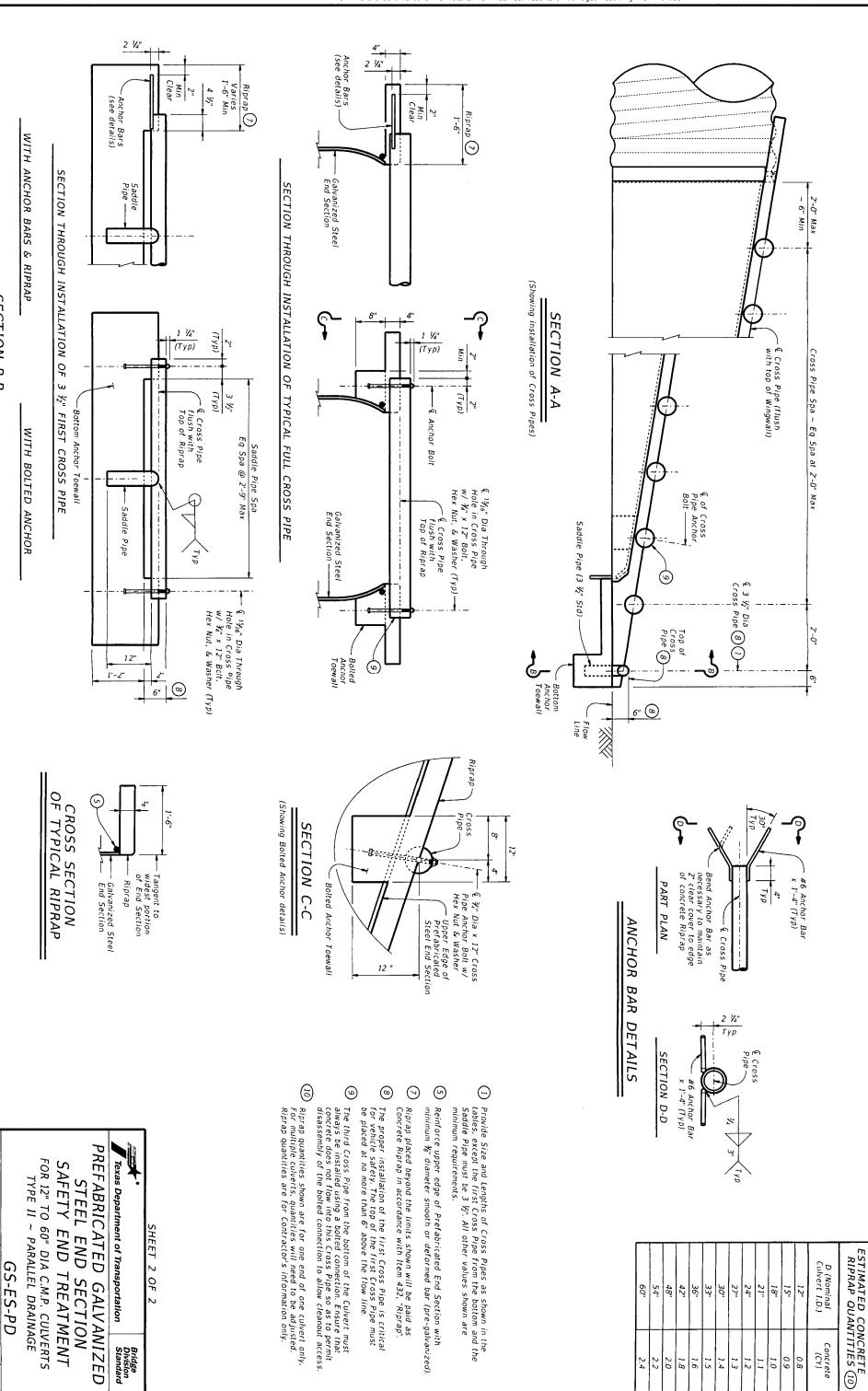


(Showing installation of Cross Pipes)

REVISIONS
11-10: Add note for synthetic fibers.
5-14: Miles: add alternate requirements.

CONT SECT

SECTION B-B



Concrete (CY)

1.6 1.8 2.0 2.2 2.4

] 4