

10m

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 28 day of SEPTEMBER, 2010, before the Fort Bend Commissioners Court came on to be heard and reviewed the accompanying notice of DMAC CONSTRUCTION

Job Location MORTON

Dated 09/14/10 BOND NO 5084312 Permit No. 83825
to make use of certain Fort Bend County property subject to, "A Revised 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, date the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statutes. Upon Motion of Commissioner Meyers, seconded by Commissioner Prestage, duly put and carried, it is ORDERED, ADJUGED 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.

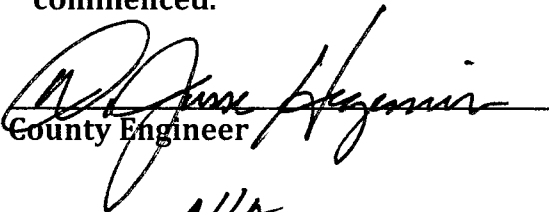
Notes:

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

Mail notices to: Permit Administrator
Fort Bend County Engineering
P.O. Box 1449
Rosenberg, Texas 77471
281-633-7500

3. This permit expires one (1) year from date of permit if construction has not commenced.

By


County Engineer

By

N/A
Drainage District Engineer/Manager

Presented to Commissioners Court
and approved.

Recorded in Volume 9-23-10
Minutes of Commissioners Court.

Clerk of Commissioners Court

By Sherry Finn
Deputy

**PERFORMANCE BOND COVERING ALL CABLE, CONDUIT AND/OR POLE LINE
ACTIVITY IN, UNDER, ACROSS OR ALONG FORT BEND COUNTY ROADS
AUTHORIZED**

BOND NO 5084312
THE STATE OF TEXAS §
COUNTY OF FORT BEND §

KNOW ALL MEN BY THESE PRESENTS:

THAT WE, DMAC Constuction, Inc whose address is 11011 Brooklet Houston, TX 77099, Texas, hereinafter called the Principal, and SureTec Insurance Company, a Corporation existing under and by virtue of the laws of the State of Texas and authorized to do an indemnifying business in the State of Texas, and whose principal office is located at 952 Echo Lane, Suite 450 Houston, TX 77024, whose officer residing in the State of Texas, authorized to accept service in all suits and actions brought within said State is Steven D. Nelson and whose address is 9737 Great Hills Trail, Suite 320, Austin, TX 78759, hereinafter called the Surety, are held and firmly bound unto, **Robert E. Hebert, County Judge of Fort Bend County, Texas**, or his successors in office, in the full sum of Five Thousand Dollars (\$ 5,000.00) current, lawful money of the United States of America, to be paid to said **Robert E. Hebert, County Judge of 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 representatives, jointly and severally, by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT, WHEREAS, the above bounden principal contemplates laying, constructing, maintaining and/or repairing one or more cables, conduits, and/or pole lines in, under, across and/or along roads, streets and highways in the County of Fort Bend, and the State of Texas, under the jurisdiction of the Commissioners' 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, regulating same, which Commissioners' Court order is hereby referred to and made a part hereof for all purposes as though fully set out herein.

AND WHEREAS, the principal desires to provide Fort Bend County with a performance bond covering all such cable, conduit and/or pole line activity;

NOW, THEREFORE, if the above bounden principal shall faithfully perform all its cable, conduit and/or pole line activity (including, but not limited to the laying, construction, maintenance and/or repair of cables, conduits and/or pole lines) in, under, across and/or along roads, streets and highways in the County of Fort Bend and State of Texas, under the jurisdiction of the Commissioners Court of Fort Bend County, Texas, pursuant to and in accordance with minimum 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 reimburse Fort Bend County, all loss and damages which Fort Bend County may sustain by reason of any failure or default on the part of said principal, then this obligation shall be null and void otherwise to remain in full force and effect.

This bond is payable at the County Courthouse in the County of Fort Bend and State of Texas.

It is understood that at any time Fort Bend County deems itself insecure under this bond, it may require further and/or additional bonds of the principal.

EXECUTED this 10th day of August, 2010.

DMAC Constuction, Inc

PRINCIPAL

BY

SureTec Insurance Company

SURETY

BY

Misty Clark

Misty Clark

Attorney in Fact

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Misty Clark

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Principal: DMAC Constuction, Inc
Obligee: Fort Bend County Judge
Amount: \$ 5,000.00

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 1st day of April, A.D. 2007.

SURETEC INSURANCE COMPANY

By:

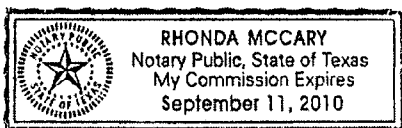
B.J. King, President

State of Texas
 County of Harris

ss:



On this 1st day of April, A.D. 2007 before me personally came B.J. King, to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



Rhonda McCary

Rhonda McCary, Notary Public
 My commission expires September 11, 2010

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 10th day of August, 2010, A.D.

M. Brent Beaty
 M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
 For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

<p style="text-align: center;">SureTec Insurance Company THIS BOND RIDER CONTAINS IMPORTANT COVERAGE INFORMATION</p>
--

Statutory Complaint Notice

To obtain information or make a complaint: You may call the Surety's toll free telephone number for information or to make a complaint at: 1-866-732-0099. You may also write to the Surety at:

SureTec Insurance Company
9737 Great Hills Trail, Suite 320
Austin, Tx 78759

You may contact the Texas Department of Insurance to obtain information on companies, coverage, rights or complaints at 1-800-252-3439. You may write the Texas Department of Insurance at:

PO Box 149104
Austin, TX 78714-9104
Fax#: 512-475-1771
Web: <http://www.tdi.state.tx.us>
Email: ConsumerProtection@tdi.state.tx.us

PREMIUM OR CLAIM DISPUTES: Should you have a dispute concerning your premium or about a claim, you should contact the Surety first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

Terrorism Risks Exclusion

The Bond to which this Rider is attached does not provide coverage for, and the surety shall not be liable for, losses caused by acts of terrorism, riot, civil insurrection, or acts of war.



SureTec Insurance Company

Agency Tricoast Insurance Services		
Agency Address 9225 Katy Freeway, Ste. 110 - Houston, TX 77024		
Agency Phone 713-461-2855	Agency Fax 713-461-1704	Agency Email khorton@tricoast.net
Agency recommendation Yes		

Commercial Surety Bond Application - Form A

Type of Bond	Performance Bond	Amount \$	5,000.00	Effective Date	10-27-08
Who is requiring the Bond (Obligee) County of Fort Bend (PERMIT DEPARTMENT)					
Obligee's Address	1124 Blume Road	City	ROSENBERG	State	TX
				Zip	77471
Does Obligor require their own bond form? Yes If yes, please attach a copy if possible					
Name (as it is to appear on the bond) DMAC Construction, Inc.					
Address 11011 Brooklet #320		City Houston		State	TX
				Zip	77099
SS# of Tax ID# XXXXXXXXXX		Phone 832-328-1385		Fax 832-328-4314	
Type of Business <input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input checked="" type="checkbox"/> Corporation <input checked="" type="checkbox"/> S Corp <input type="checkbox"/> LLP <input type="checkbox"/> LLC					
Total Assets \$ 3,106,021		Total Liabilities \$ 2,461,030		Annual Income \$ 19,759,616	
Date business started 1994		Prior Surety? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please give name and reason for change			
Insd has not needed Performance Bond in a while and Tricoast handles all of their commercial insurance					
Does the business or any principal involved: if yes, attach an explanation					
Have any outstanding collection items or liens?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Had any lawsuits or judgments against them?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Ever failed in business or declared bankruptcy?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ever had a license or bond cancelled or denied?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Indemnification Agreement - Read Carefully and Sign

IN CONSIDERATION of the execution of such bond, and in compliance with a promise of the undersigned made prior thereto, the undersigned individually hereby agree, for themselves, their personal representatives, successors and assigns, jointly and severally, as follows:

1. That the provided information is true and correct.
2. To reimburse SureTec Insurance Company ("Surety") upon demand for all payments made for and to indemnify Surety from: a) all loss, contingent loss, liability and contingent liability, claim, expense, including attorneys' fees and claims adjusting fees, for which Surety shall pay, become liable or shall become contingently liable by reason of such suretyship, whether or not Surety shall have paid same at the time of demand; and b) to pay Surety an advance premium for the first year or a fractional part thereof that is fully earned and to pay annually thereafter such annual premium for suretyship as is billed until satisfactory evidence of discharge or release of liability shall be furnished to Surety by the obligee. c) Upon written demand, to deposit with the Surety a sum of money requested by Surety to cover any claim, suit, expense or judgment that Surety in its absolute discretion determines necessary and the deposit shall be pledged as collateral security on any bond or other bonds the Surety may have issued for the undersigned.
3. Surety and undersigned agree that the place of performance of this agreement, including the promise to pay Surety, shall be in Houston, Harris County, Texas and venue for any suit, arbitration, mediation or any other form of dispute resolution shall be in Harris County, Texas. A facsimile of this Agreement shall be considered an original and shall be admissible in a court of law to the same extent as an original copy.
4. Surety is authorized to investigate, at any time, the undersigned's credit, employment history, and department of motor vehicle records. Privacy Notice: All nonpublic personal information gathered pursuant to the application shall not be disclosed except as permitted by law.
5. Surety, at its sole discretion and without notice to the undersigned is authorized, but not required, to make or consent to changes in the bond or to issue substitute bonds or renewals thereof and this indemnification shall apply to such change, substitute or renewal bond.
6. Regardless of the date of signature, this indemnity is effective as of the date of execution of the aforementioned bond(s) and is continuous until Surety is satisfactorily discharged from liability pursuant to the terms and conditions contained herein and in the bond(s).

Important Signature Instructions

- If sole owner, applicant must sign as duly authorized representative. Spouse must sign as additional indemnitor below.
- If a general partnership, an authorized partner must sign as duly authorized representative. All authorized partners and spouses must sign as additional indemnitor below.
- If a corporation, the president must sign as the authorized representative. All stockholders of 10% or more and spouses must sign as additional indemnitor below.

Signed and dated this 28th day of October, 2008

DMAC Construction, Inc.

Print Company Name

X

(Principal's authorized representative)

(Title)

Print Company Name

X

(Principal's authorized representative)

(Title)

Witness:

Additional Indemnitors

X

(Signature)

(Print Name)

Witness:

X

(Signature)

(Print Name)

Engineering Department

1124 Blume Road
Phone: (281) 341-7500

PERMIT NO. 003825

Date 09/14/2010

**FORT BEND COUNTY ENGINEERING
PERMIT DEPARTMENT
CONSTRUCTION OF DRIVEWAYS AND CULVERTS ON COUNTY EASEMENTS AND RIGHT OF WAYS
COMMERCIAL PIPE PERMIT APPLICATION
P.O. BOX 1449 • 1124 BLUME ROAD
ROSENBERG, TX 77471
(Phone) 281-633-7502 or 7503 • (Fax) 281-342-7366**

APPLICANT INFORMATION

Application No. 83825
(County Use Only)

Applicant Name Bob Cooper (DMAC CONSTRUCTION)
Applicant Mailing Address 11011 BROOKLET, SUITE 320
City HOUSTON State TX Zip 77099
Work Phone 832.328.1385 Daytime Phone 832.328.1385
Property Owner's Name MASOUD BACHARI Phone 281.391.0030
Property Owner's Mailing Address 455 KATY FORT BEND RD. #310
City KATY State TX Zip 77494

LOCATION OF PROPERTY

Subdivision LONG MEADOW FARMS Sec 2 Lot A Blk 1
Physical Address 20941 W. BELLFORT, RICHMOND, TX 77406
(ATTACH A SITE MAP) (MORTON Rd)

SITE USE

Driveway Curb & Gutter Section X Driveway - Open Ditch Section _____
Culvert Only _____

DRIVEWAY REQUIREMENTS

Length 20' minimum and 40' maximum Number of drives 1
(See - Fort Bend County Procedures to be followed for Commercial Driveway, and Median Openings or Modifications)
Available on website www.co.fort-bend.tx.us

Does project comply with Fort Bend County Lighting Regulation Yes (✓) No ()
(See- Fort Bend County Outdoor Lighting Regulation on website www.co.fort-bend.tx.us)

- By signing and submitting this permit application, I am stating that I am the owner of this property and I am aware of and agree to abide by the Fort Bend County Regulations of Subdivisions and I am aware of Section 2, Item F in the Permits for the Construction of Driveways & Culverts on County Easements and Right of Ways in Fort Bend County, and am responsible to obtain all other required permits associated with the above mentioned property. Driveway and Pipe Permits shall provide that construction pursuant to the permit will be commenced within six months and be completed within nine months from the date of the permit and that fees collected for said permits shall not be refundable or transferable. I further understand the permit fee, in the form of CASH or PERSONAL CHECK or COMPANY CHECK or a CASHIERS CHECK or MONEY ORDER payable to FORT BEND COUNTY, must be attached.
- The undersigned applicant, agent or attorney hereby certifies to Commissioners' Court to be strictly bound to Commissioners' Court to construct the 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.

Bob Cooper 9-10-10
Signature of Applicant, Agent or Attorney Date
Bob COOPER
Printed Name

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

24

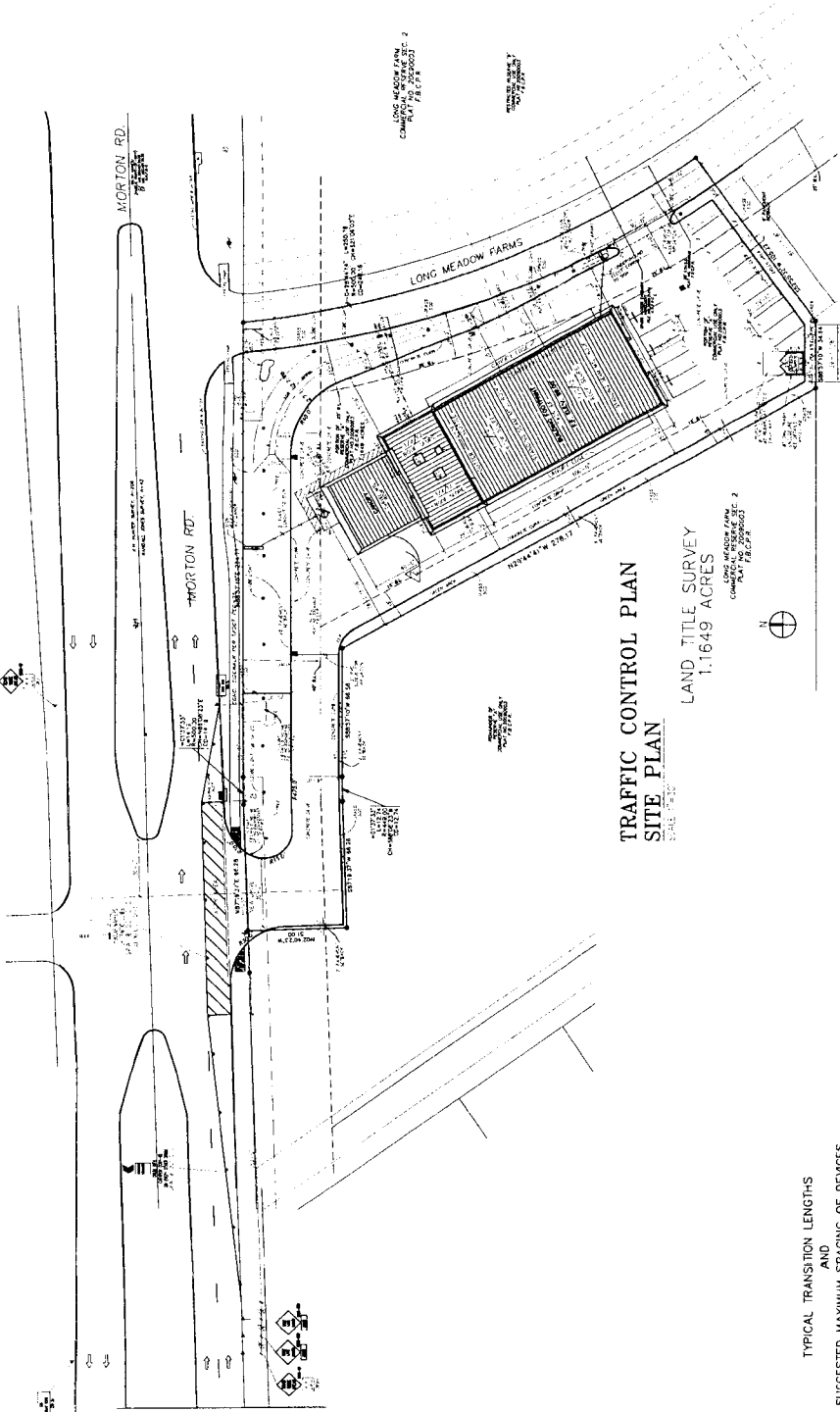
24

24

24

24

24

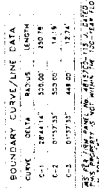
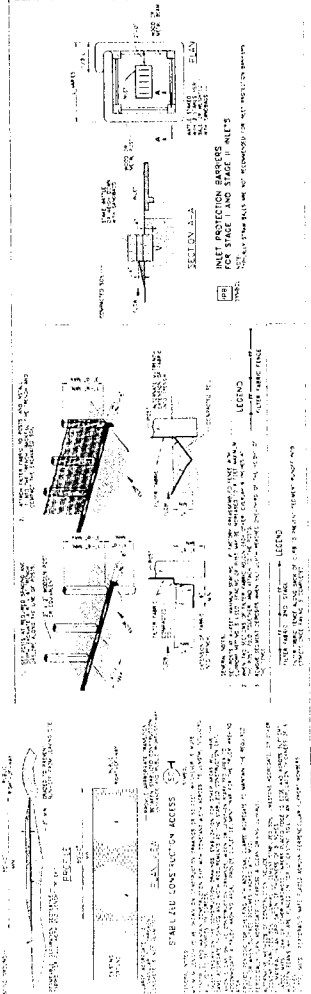


TYPICAL TRANSITION LENGTHS AND SUGGESTED MAXIMUM SPACING OF DEVICES									
Minimum Desirable Taper Lengths	10'		11'		12'		On a Tangent		Suggested Maximum Spacing of Device
	Offset	180'	Offset	180'	Offset	30'	Offset	30'	
60'	150'	165'	180'	30'	60'-75'				
75'	205'	225'	245'	35'	70'-90'				
	265'	295'	320'	40'	80'-100'				
	450'	495'	540'	45'	90'-110'				
90'	500'	550'	600'	50'	100'-125'				
	550'	605'	660'	55'	110'-140'				
	600'	660'	720'	60'	120'-150'				
105'	650'	715'	780'	65'	130'-175'				

Speed may be used on roads where traffic
beend the posted speed limit.
have been posted off.

JFC ENGINEERING P.L.L.C.
Civil & Architectural Development
Registration 1-007540
11250 Hughes Dr.
Houston, TX 77055
Tel: 281-626-7960
Fax: 281-626-7960
www.jfcengineering.com
jfc@jfcengineering.com

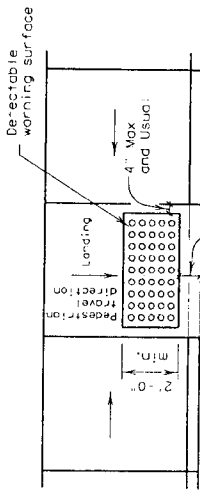
SHEET NUMBER
C-2
3 OF 4
19 OF 23

[illegible][illegible]

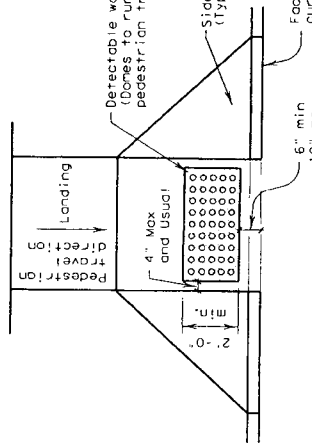
DETECTABLE WARNINGS

General Notes for Detectable Warnings

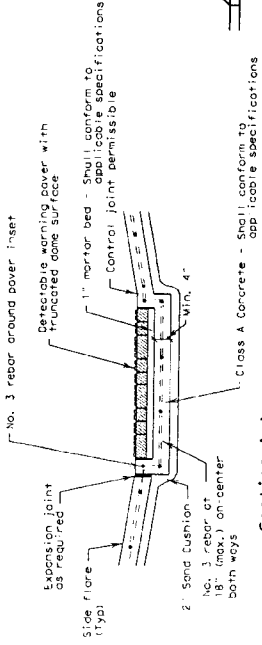
- Curb ramps must contain a detectable warning surface that consists of raised truncated domes complying with Section 4.29 of the Texas Accessibility Standards (TAS). The surface must contrast visually with adjoining surfaces, including side flares. Furnish dark brown or dark red detectable warning surface adjacent to uncolored concrete, unless specified elsewhere in the plans.
- Detectable warning surfaces must be slip resistant and not allow water to accumulate.
- Align truncated domes in the direction of pedestrian travel when entering the street.
- Shaded areas on Sheet 1 of 4 indicate the approximate location for the detectable warning surface for each curb ramp type.
- Detectable warning surfaces shall be a minimum of 24" in depth in the direction of pedestrian travel, and extend the full width of the curb ramp or landing where the pedestrian access route enters the street.
- Detectable warning surfaces shall be located so that the edge nearest the curb line is a minimum of 6" and a maximum of 10" from the extension of the face of curb. Detectable warning surfaces may be curved along the corner radius.
- TxDOT maintains a list of Qualified Detectable Warning Materials. Details are provided herein for the placement of landscape pavers. For other materials, refer to the manufacturer's product manual for proper installation.



Typical placement of detectable warning surface on landing at street edge.



Typical placement of detectable warning surface on sloping ramp run.




Section A-A

General Notes (Pavers)

Furnish detectable warning paver units meeting all requirements of ASTM C-936, C-33. Lay in a two by two unit basket weave pattern or as directed. Lay full-size units first followed by closure units consisting of at least 25 percent of a full unit. Cut detectable warning paver units using a power saw.





Texas Department of Transportation
Design Division (Roadway)

PEDESTRIAN FACILITIES
GENERAL NOTES
AND
DETECTABLE WARNINGS

PED-05

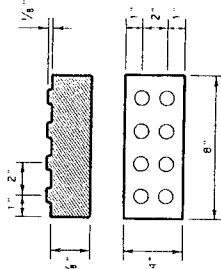
SHEET 2 OF 4

FILED	2005-09	2nd FH	2nd	2nd	2nd
1007	MARCH 2002	21ST	FEDERAL AID PROJECT		
REVISIONS					
				COUNT	DATE

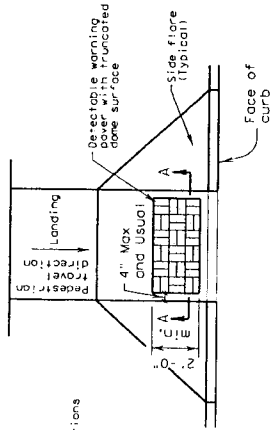
Pedestrian Facilities General Notes

- All slopes are maximum allowable. The least possible slope that will drain properly should be used. Adjust curb ramp length or grade of approach sidewalks as directed.
- The minimum sidewalk width is 5', where the sidewalk is adjacent to the back of curb, a 6' sidewalk width is required. Where a 5' sidewalk can not be provided due to site constraints, a minimum 5' sidewalk with 5' x 5' paving areas of intervals not to exceed 200' is required.
- Landings shall be 5' x 5' minimum with a maximum 2% slope in any direction.
- Wherever space at the bottom of curb ramps shall be a minimum of 4' x 4' wholly contained within the crosswalk and wholly outside the boundary of the travel path.
- Maximum allowable cross slope on sidewalk and curb ramp surfaces is 2%.
- Curb ramps with returned curbs may be used only where pedestrian travel is not normally walk across the street. If used, the returned curb must be planting or other non-walking surface that does not obstruct the side approach substantially obstructed. Otherwise, provide flared sides.
- Additional information on curb ramp location, design, light reflective value and texture may be found in the current edition of the Texas Accessibility Standards (TAS) and 16 TAC 966.102.
- To serve as a pedestrian refuge area, the median should be a minimum of 5' wide. Medians should be designed to provide accessible passage over or through them.
- Small channelization islands, which do not provide a minimum 5' x 5' landing at the top of curb ramps, shall be cut through level with the surface of the street.
- Crosswalk dimensions, crosswalk markings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, curb ramps shall be aligned with theoretical crosswalks, or as directed by the Engineer.
- Existing features that comply with TAS may remain in place unless otherwise shown on the plans.
- Handrails are not required on curb ramps. Provide curb ramps wherever an accessible route crosses (penetrates) a curb.
- Curb ramps and landings shall be constructed and paid for in accordance with Item 531 - Sidewalks.
- Separate curb ramp and landings from adjacent sidewalk and any other elements with precast or board joint of 1/4" unless otherwise directed by the Engineer.
- Provide a smooth transition where the curb ramps connect to the street.
- Curbs shown on sheet 1 within the limits of payment are considered part of the curb ramp, for payment, whether it is concrete curb, gutter, or combined curb and gutter.
- Flore slope shall not exceed 10% measured along curb line.

PLANNING DIVISION
4-8-10



Detectable Warning Paver

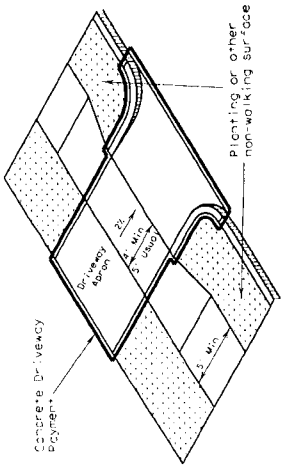


Truncated Dome Pattern Curb Ramp

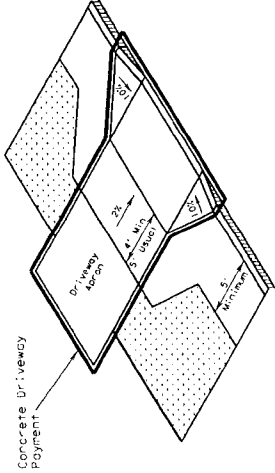
DETECTABLE WARNING PAVER (OPTION)

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

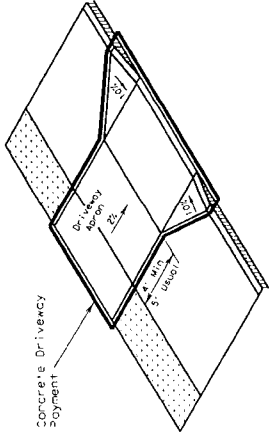
DISCLAIMER: The use of this standard is governed by the Texas Engineering Practice Act. No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the use of this standard or for any damages or other results or for incorrect results or damages resulting from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



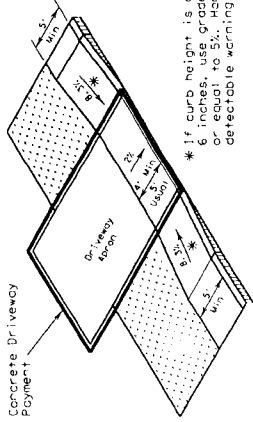
Setback sidewalk



Apron offset sidewalk



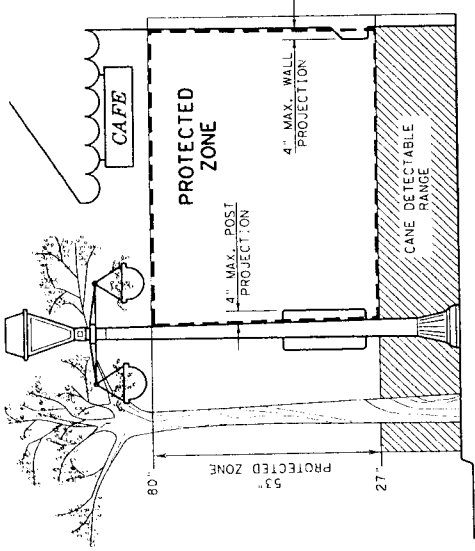
Wide sidewalk



Ramp sidewalk

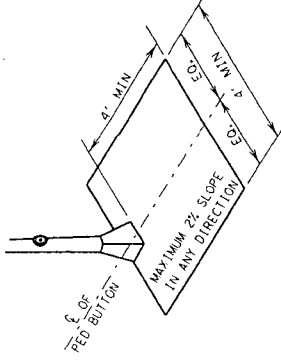
SIDEWALK TREATMENT AT DRIVEWAYS

* If curb height is greater than 6 inches, use grade less than or equal to 5%. Handrail and detectable warning not required.

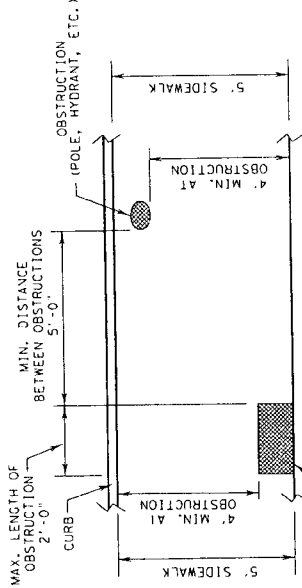


PROTECTED ZONE

In pedestrian circulation area, maximum 4" projection for post or wall mounted objects between 27" and 80" above the surface.



CLEAR GROUND SPACE CENTERED AT PEDESTRIAN PUSH BUTTON

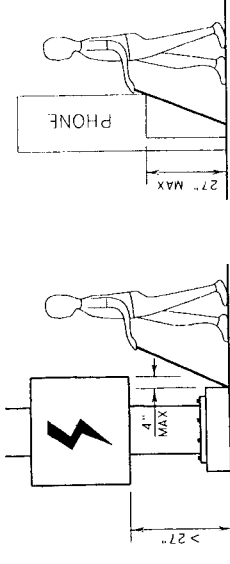


PLAN VIEW
PLACEMENT OF STREET FIXTURES

(ITEMS NOT INTENDED FOR PUBLIC USE: CONTROLLER CABINET, MAILBOX, ETC.)
(ITEMS NOT INTENDED FOR PUBLIC USE: CONTROLLER CABINET, MAILBOX, ETC.)

General Notes

1. All slopes are maximum of 2%. The least possible slope that will still drain properly should be used.
2. Place traffic signs, illumination poles, ground boxes, control boxes, signs, drainage facilities and other items so as not to obstruct the accessible route or clear ground space.
3. Level sidewalk cross slope equals 1/8". The maximum allowable sidewalk cross slope equals 2%.
4. Street grades and cross slopes shall be as shown elsewhere in the plans.
5. Existing features that comply with T&E may remain in place unless otherwise shown on the plans.
6. Changes in level greater than 1/4 inch are not permitted.
7. The least possible grade should be used to maximize accessibility. The running grade of sidewalks and crosswalks, within the public right of way, may follow the grade of the parallel roadway. Where a continuous grade greater than 3% must be provided, the grade shall be as close to the parallel roadway grade as possible. Hazardous conditions, if provided, handrails must comply with T&E 4.8.5.
8. Handrail extensions shall not protrude into the usable landing area or into intersecting pedestrian routes.
9. Driveways and turnouts shall be constructed and solid for in accordance with T&E 4.8.5. Sidewalks shall be constructed and solid for in accordance with T&E 4.8.5.
10. Sidewalk details are shown elsewhere in the plans.



Protruding objects of a height $\leq 27"$ are detectable by cane and do not require additional treatment.

When an obstruction of a height greater than 27" from the surface would create a protrusion of more than 4" into the pedestrian circulation area, construct an additional curb or foundation to the bottom to provide a maximum 4" overhang.

DETECTION BARRIER FOR
VERTICAL CLEARANCE $< 80"$

4-2.3-10
4-2.3-10

Texas Department of Transportation
Design Division (Roadway)

PEDESTRIAN FACILITIES
SIDEWALKS

PED-05

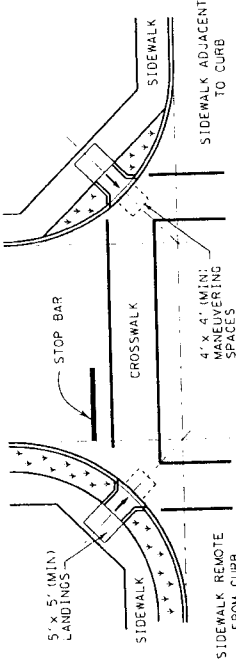
SHEET 3 OF 4

FILE	PROJECT	DATE	BY	CHK	REV
1001	1001	1001	1001	1001	1001

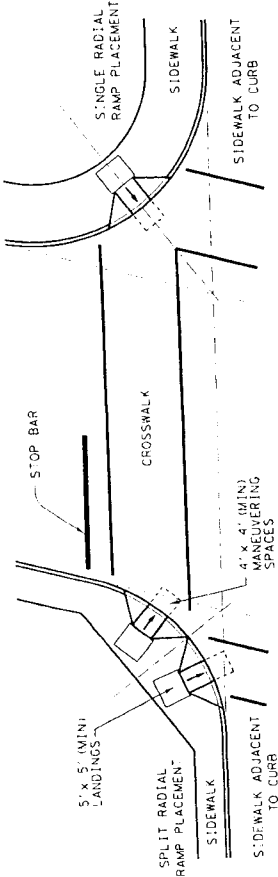
DATE	BY	CHK	REV	DATE	BY	CHK	REV
1001	1001	1001	1001	1001	1001	1001	1001

General Notes

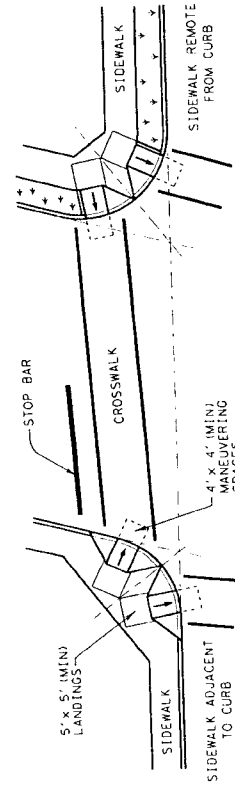
1. Street grades and cross slopes shall be as shown elsewhere in the plans.
2. Ramps are shown here without detectable warnings for simplicity. Detectable warnings are required at the locations shown and in accordance with the details shown below.
3. Small space utilization islands, which can not provide a 5' x 5' landing at the top of ramps, shall be cut through level with the surface of the street.



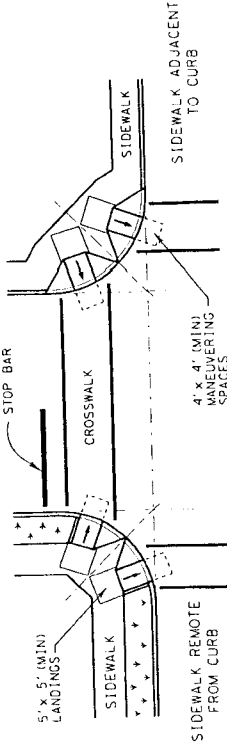
NORMAL INTERSECTION WITH "LARGE" RADIUS



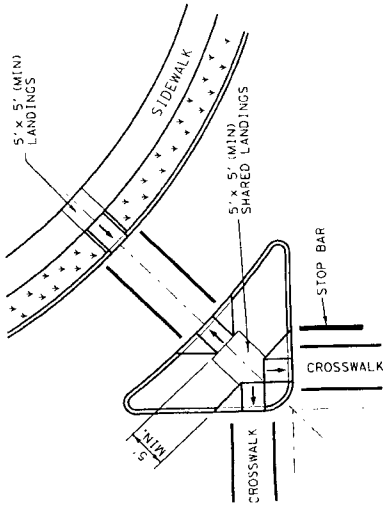
SKewed INTERSECTION WITH "LARGE" RADIUS



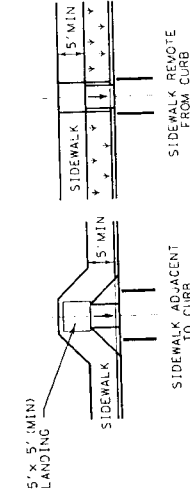
SKewed INTERSECTION WITH "SMALL" RADIUS



NORMAL INTERSECTION WITH "SMALL" RADIUS



AT INTERSECTION
W/FREE RIGHT TURN & ISLAND



MID-BLOCK PLACEMENT
PERPENDICULAR RAMP

TYPICAL CROSSING LAYOUTS

SEE SHEET 1 OF 4 FOR DETAILS AND DIMENSIONS

PROJECT NO. 4-8-10



Texas Department of Transportation
Design Division (Roadway)

PEDESTRIAN FACILITIES

INTERSECTION LAYOUTS

PED-05

SHEET 4 OF 4

FIELD	PROJECT NO.	DATE	BY	CHKD	DATE
10001	10001	10/01/2022	10/01/2022	10/01/2022	10/01/2022
10001	10001	10/01/2022	10/01/2022	10/01/2022	10/01/2022

23 of 43