

**REVIEW BY FORT BEND COUNTY  
COMMISSIONERS COURT**

**Fort Bend County  
Engineering Department**  
301 Jackson Suite 401  
Richmond, Texas 77469  
281.633.7500  
Permits@fortbendcountytx.gov

- Right of Way Permit
- Commercial Driveway Permit

Permit No: 2017-15384

**Applicant:** En-Touch Systems, Inc./GCP Technologies

**Job Location Site:** Clodine Rd and Madden Rd, Richmond, TX 77407

**Bond No.**                      **Date of Bond:** 3/18/2005 **Amount:** \$50,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

**Notes:**

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
  - a. 48 hours in advance of construction start up, and
  - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 22nd day of August, 2017, Upon Motion of Commissioner Meyer, seconded by Commissioner Morales, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

**Signature**

Presented to Commissioners Court and approved.

By: Charles O. Ay  
County Engineer

Date Recorded 9-5-2017 Comm. Court No. 12L

By: N/A  
Drainage District Engineer/Manager

Clerk of Commissioners Court  
By: Kinda Wells  
Deputy



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

**Fort Bend County  
Engineering Department**  
301 Jackson Suite 401  
Richmond, Texas 77469  
281.633.7500  
Permits@fortbendcountytx.gov

- Right of Way Permit  
 Commercial Driveway Permit

Permit No: 2017-15384

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

**(1) COMPLETE APPLICATION FORM:**

- a. Name of road, street, and/or drainage ditch affected.  
 b. Vicinity map showing course of directions  
 c. Plans and specifications

**(2) BOND:**

- County Attorney, approval when applicable.
- Perpetual bond currently posted.      Bond No:                           Amount: \$50,000.00
- Performance bond submitted.      Bond No:                           Amount:
- Cashier's Check      Check No:                           Amount:

**(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):**

\_\_\_\_\_  
Drainage District Approval

\_\_\_\_\_  
Date

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

*Charly O. AJ*

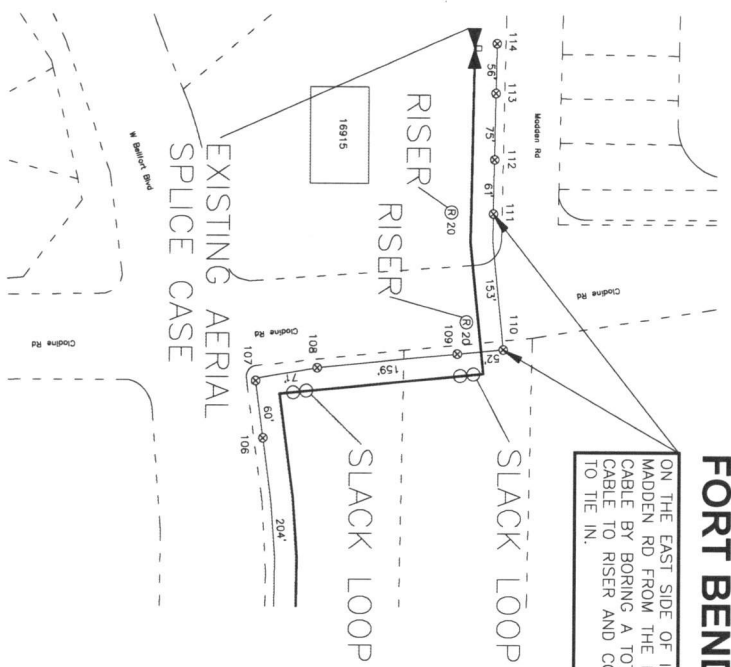
\_\_\_\_\_  
Permit Administrator

8/14/17  
Date

2017-15384

# FORT BEND COUNTY

ON THE EAST SIDE OF INTERSECTION CLODINE RD & MADDEN RD FROM THE RISER PLACE FIBER OPTIC CABLE BY BORING A TOTAL OF 153' TO RISER POLE, CABLE TO RISER AND CONTINUE ALONG AERIAL ROUTE TO THE IN.



FACILITIES LEGEND	
STRAID	EXISTING
CONDUIT/BOC	PEDESTAL
BORE	Vault
TRENCH	LOOK BOX
FIBER	MANHOLE
HANDHOLE	ATTACH
POLE	

BLOCK LEGEND	
FIBER SPUCE	
SLACK LOOP	

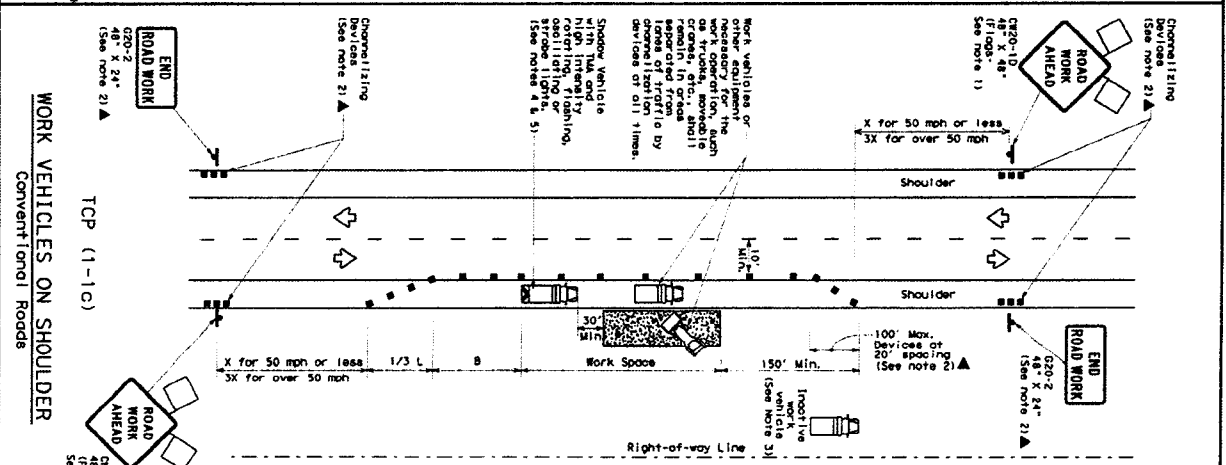
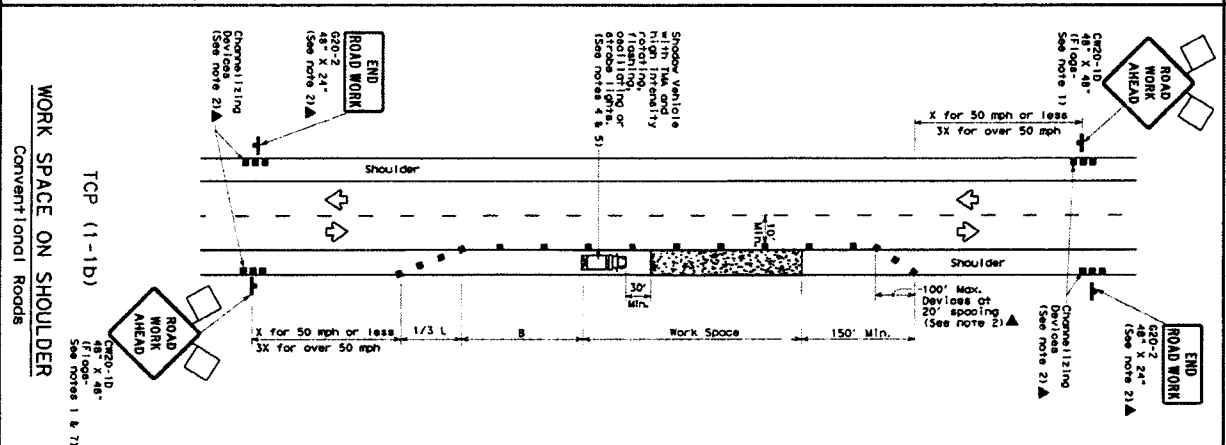
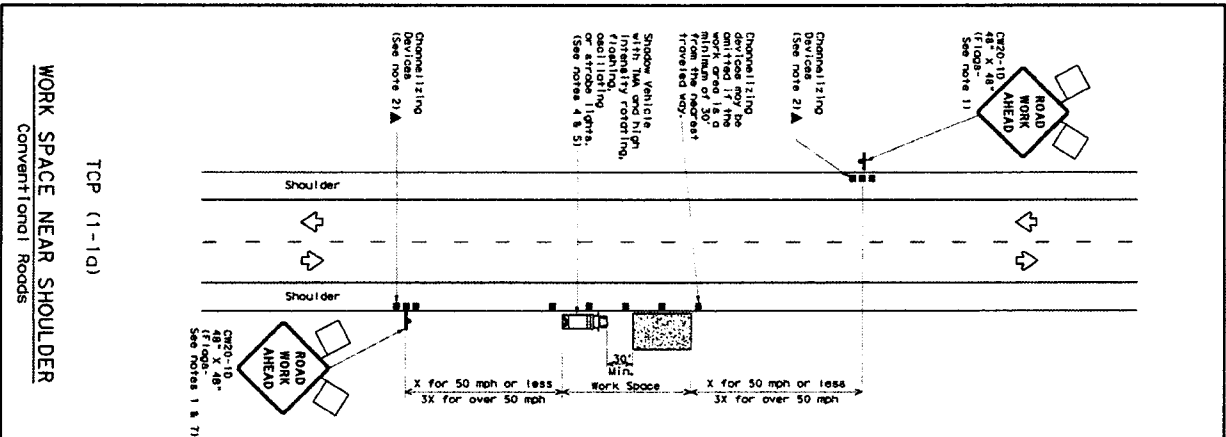
PERMIT  
Entouch - Job - Alina - Imperial  
GCP TECHNOLOGIES  
8/14/2017

**Technologies**  
1530 Hillside St Ste 400  
Houston, Texas 77058  
713-663-2170  
www.gcpnet.com

SHEET 1 OF 9

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DATE: FILE:



**LEGEND**

Symbol	Description	Symbol	Description
[Symbol]	Type 3 Barricade	[Symbol]	Channelizing Devices
[Symbol]	Heavy Work Vehicle	[Symbol]	Truck (Motor Vehicle Attended)
[Symbol]	Traffic Control Sign	[Symbol]	Portable Changeable Message Sign (PCMS)
[Symbol]	Flagger	[Symbol]	Traffic Flow
[Symbol]	Flagger	[Symbol]	Flagger

Speed (MPH)	Minimum Spacing (ft)	Minimum Spacing of Devices (ft)	Minimum Spacing of Devices (ft)	Minimum Spacing of Devices (ft)
30	150'	165'	180'	30'
35	165'	180'	205'	35'
40	180'	205'	225'	40'
45	205'	225'	245'	45'
50	225'	245'	265'	50'
55	245'	265'	285'	55'
60	265'	285'	305'	60'
65	285'	305'	325'	65'
70	305'	325'	345'	70'
75	325'	345'	365'	75'

\* Conventional Roads Only  
\*\* Lengths have been rounded off.  
(Length of Topor (FT), Width of Offset (FT), Spaced Speed (MPH))

**GENERAL NOTES**

1. Flagger to sign where shown or REQUIRED.
2. All traffic control devices illustrated are REQUIRED, except those in the notes, or for the maintenance work, when approved by the Engineer.
3. Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
4. 30 to 100 feet in advance of the work zone, a sign should be posted to alert the driver of the work zone. 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 should be used to protect the work zone.
5. Additional Stoppage Vehicles with Ta and Night Intensity coloring, or strobe lights, may be used to protect wider work spaces.
6. See TPD-15-11 for shoulder work on divided highways, expressways and freeways.
7. Retroreflective work signs may be used in place of C20-10 road work AHEAD signs for shoulder work on conventional roadways.

**Texas Department of Transportation**  
Traffic Operations Division

**TRAFFIC CONTROL PLAN**  
CONVENTIONAL ROAD SHOULDER WORK

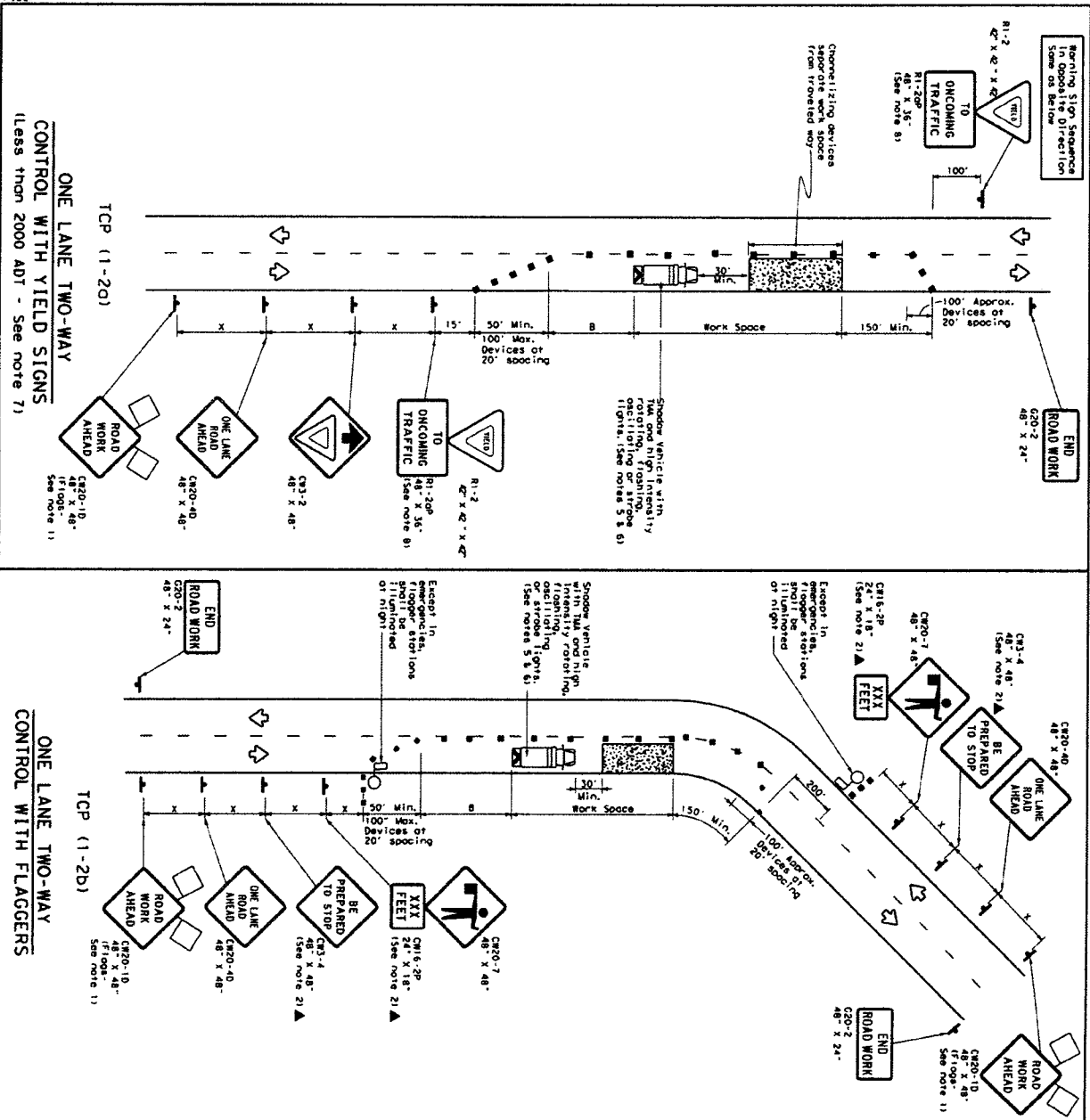
TCP (1-1)-12

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

DATE: 12-15-10  
FILE: 151

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DATE: FILE:



### LEGEND

	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Traffic Mounted Attenuator (TMA)
	Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flagger		

### GENERAL NOTES

- Flora attached to signs used above are required.
- All traffic control devices illustrated are REQUIRED, except those depicted with the alternate symbol may be omitted when stored elsewhere in the plans, or for routing maintenance work, when approved by the Engineer.
- Road flagging shall be used for all work zones.
- Sign spacing may be increased or an additional CPD-10 2000 RPM AHEAD sign may be used if an advance warning sign of the flagger or R1-2 "YIELD" sign is less than 1500 feet.
- A shadow vehicle with a TMA should be used on any line it can be positioned 30 to 100 feet in front of the work zone without adversely affecting the performance or quality of the work zone. The shadow vehicle and TMA should be used for all work zones.
- The traffic control to remain in place, Type 3 Barricade or other channelizing devices may be substituted for the shadow vehicle and TMA.
- Additional shadow vehicles with TMA's may be positioned on the paved surface, next to those shown in order to protect shift work spaces.

**TCP (1-20)**

- R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight distance. For projects in urban areas, work spaces should be no longer than 2000 ADT. In rural areas, work spaces should be no longer than 2000 ADT.
- R1-2 "YIELD" sign with R1-20P "TO ONCOMING TRAFFIC" signs shall be placed on a support of a 7 foot minimum mounting height.

**TCP (1-2b)**

- Flaggers should use tenor vests or other methods of communication to control traffic.
- Length of work space should be based on the ability of flaggers to communicate.
- If the work space is located near a horizontal or vertical curve, the buffer distances should be increased in order to maintain adequate stopping sight distance to the flagger.
- Flaggers should be trained in the use of the tenor vests.
- Channelizing devices on the centerline may be omitted when a sign or a flagger is used and approved by the Engineer.
- Flaggers should use 24" STOP/SLOW paddles to control traffic. Flags should be limited to emergency situations.

\* Conventional Roads Only

Posted Speed	Minimum Spacing of Traffic Control Devices	Minimum Spacing of Traffic Control Devices	Minimum Spacing of Traffic Control Devices	Minimum Spacing of Traffic Control Devices	Minimum Spacing of Traffic Control Devices	Minimum Spacing of Traffic Control Devices
M	10'	11'	12'	15'	20'	30'
30	150	165	180	200	240	300
35	165	180	200	240	300	360
40	180	200	240	300	360	420
45	200	240	300	360	420	480
50	240	300	360	420	480	540
55	300	360	420	480	540	600
60	360	420	480	540	600	660
65	420	480	540	600	660	720
70	480	540	600	660	720	780
75	540	600	660	720	780	840

† Length of taper (1:1) location of offset (1:1) Spaced Speed Limit

MOBILE	SHORT DURATION	INTERMEDIATE DURATION	LONG TERM STATIONARY

For construction or maintenance contract work, specific project sign specifications can be found in the project GENERAL NOTES. For details on sign and traffic handling, see the project specifications.

**Texas Department of Transportation**  
Traffic Operations Division

**TRAFFIC CONTROL PLAN**  
**ONE-LANE TWO-WAY**  
**TRAFFIC CONTROL**

TCP (1-2) - 12