



**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: 2018-18557

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.

Charles O. Ay

Permit Administrator

2/16/2018

Date



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: 2018-18557

Applicant: EnTouch Systems, Inc./GCP Technologies

Job Location Site: Old Richmond Road and Linenhall Drive, Sugar Land, TX 77498

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 27th day of February, 2018, Upon Motion of Commissioner _____, seconded by Commissioner _____, 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.

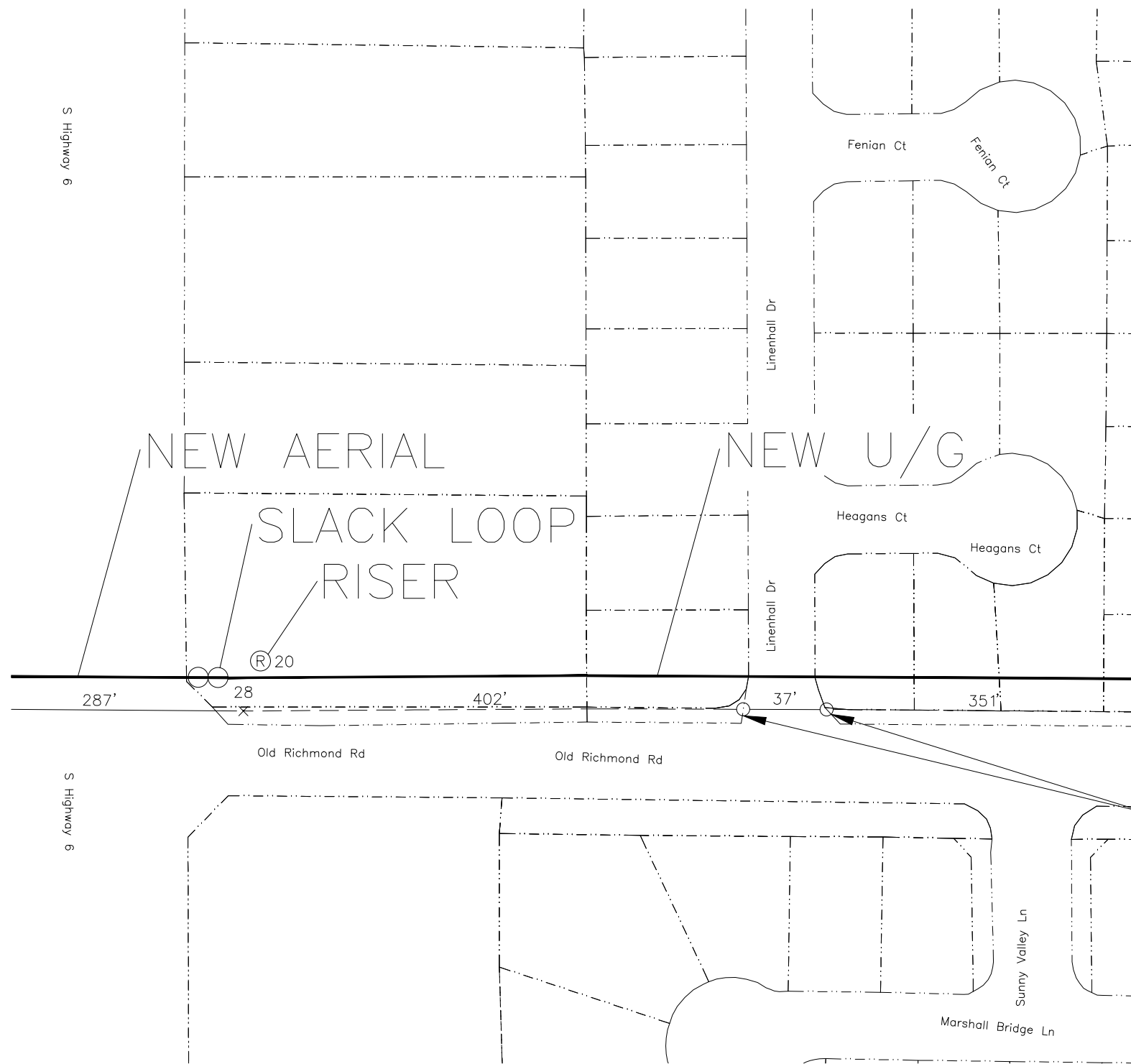
By: 
County Engineer

Date Recorded _____ Comm. Court No. _____

By: N/A
Drainage District Engineer/Manager

Clerk of Commissioners Court

By: _____
Deputy



FORT BEND COUNTY

ON THE EAST SIDE OF INTERSECTION OLD RICHMOND RD & LINENHALL DR PLACE FIBER OPTIC CABLE BY BORING A TOTAL OF 37' TO TRENCH AND CONTINUE ALONG UNDERGROUND ROUTE TO TIE IN.



QC BY:
QC DATE:

| FACILITIES LEGEND | | | | | |
|-------------------|---------|----------|---|----------|----|
| STRAND | — | EXISTING | — | HANDHOLE | HH |
| CONDUIT/BOC | — | PEDESTAL | □ | ATTACH. | ● |
| BORE | — | VAULT | ∇ | POLE | ⊗ |
| TRENCH | - - - - | LOCK BOX | ■ | | |
| FIBER | — | MANHOLE | ⊕ | | |

BLOCK LEGEND

FIBER SPLICE

SLACK LOOP

PERMIT

EnTouch - Job - Aliana - Imperial

GCP TECHNOLOGIES

8/14/2017

SCALE: NTS



5300 Hollister St Ste 440
Houston, Texas 77040

713-462-4730
www.gcpotech.com

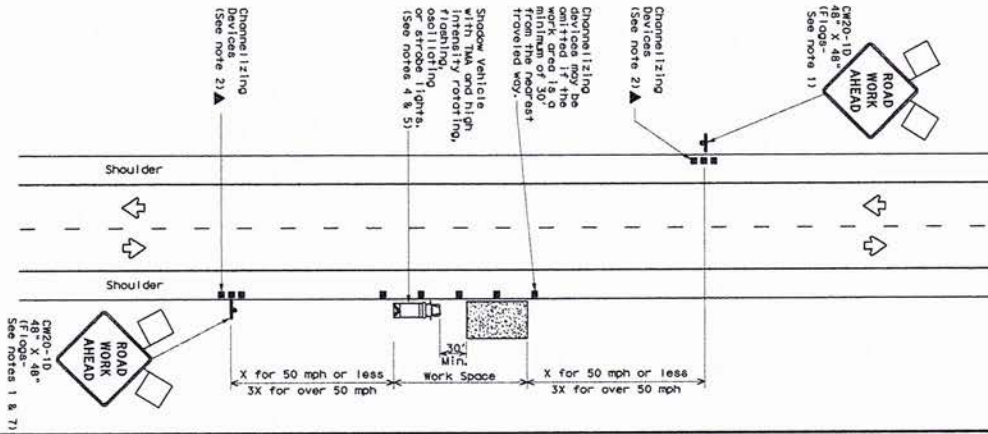
SHEET: 4 OF 9

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DATE: FILE:

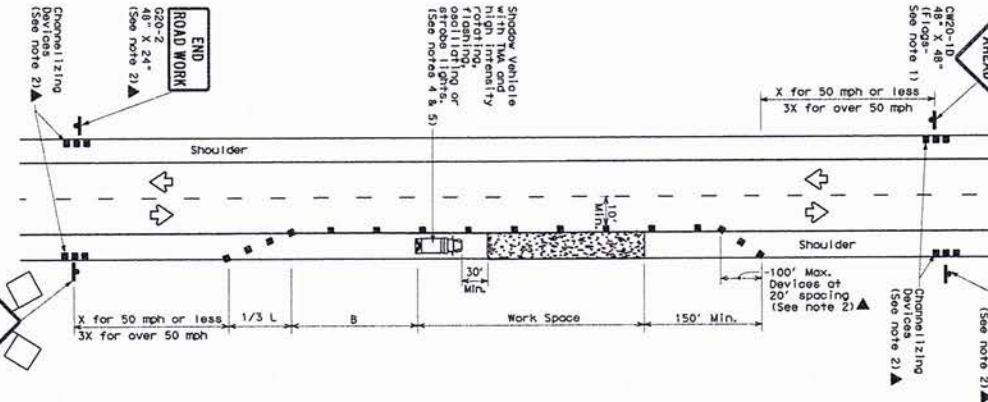
WORK SPACE NEAR SHOULDER
Conventional Roads

TCP (1-1A)



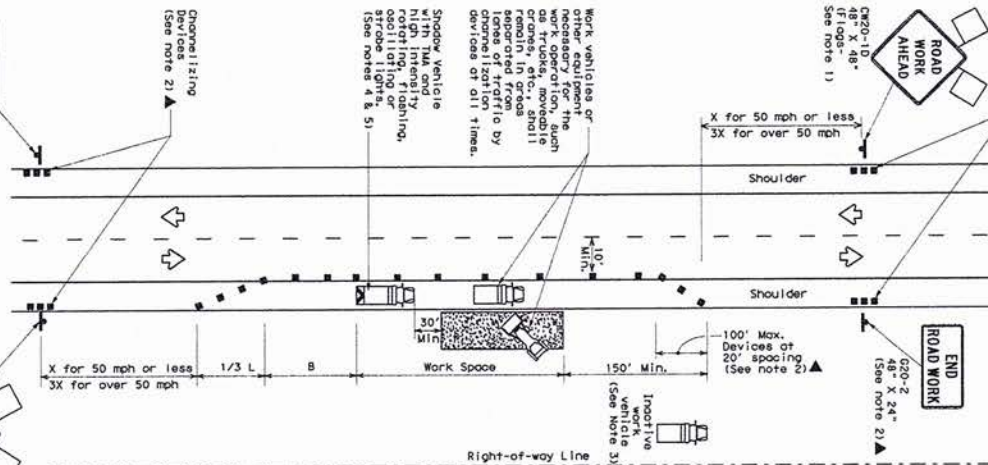
WORK SPACE ON SHOULDER
Conventional Roads

TCP (1-1B)



WORK VEHICLES ON SHOULDER
Conventional Roads

TCP (1-1C)



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 | | Flagpole |

| Posted Speed | Minimum Spacing of Devices | Suggested Maximum Spacing of Devices | Minimum Spacing of Devices | Suggested Maximum Spacing of Devices |
|--------------|----------------------------|--------------------------------------|----------------------------|--------------------------------------|
| 30 | 10' | 11' | 12' | 30' |
| 35 | 10' | 11' | 12' | 30' |
| 40 | 10' | 11' | 12' | 30' |
| 45 | 10' | 11' | 12' | 30' |
| 50 | 10' | 11' | 12' | 30' |
| 55 | 10' | 11' | 12' | 30' |
| 60 | 10' | 11' | 12' | 30' |
| 65 | 10' | 11' | 12' | 30' |
| 70 | 10' | 11' | 12' | 30' |
| 75 | 10' | 11' | 12' | 30' |

* Conventional Roads Only
** Tower lengths have been rounded off.
† Length of Taper (FT) † Width of Offset (FT) † Spaced Speed (MPH)

TYPICAL USAGE

| MOBILE | SHORT DURATION | INTERMEDIATE DURATION | LONG TERM |
|--------------------------|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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 approved by the Engineer in the plan, or for routine maintenance work, when approved by the Engineer.
- Positive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
- 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 traffic flow. The Shadow Vehicle should be positioned as far as possible 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 shoulder to provide additional protection for work spaces.
- See 107.15 for shoulder work on divided highways, expressways and freeways.
- CD21-5 "SHOULDER WORK" signs may be used in place of CD20-10 "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 manual, "Traffic Control Plan".

Texas Department of Transportation
Traffic Operations Division

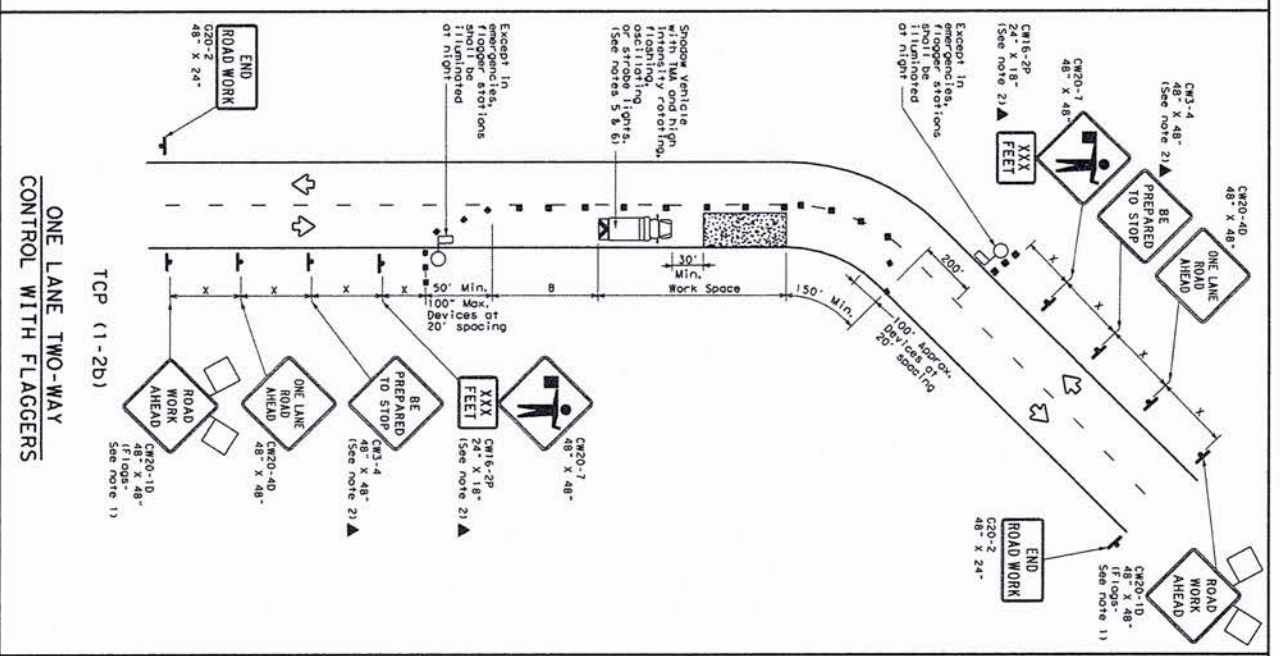
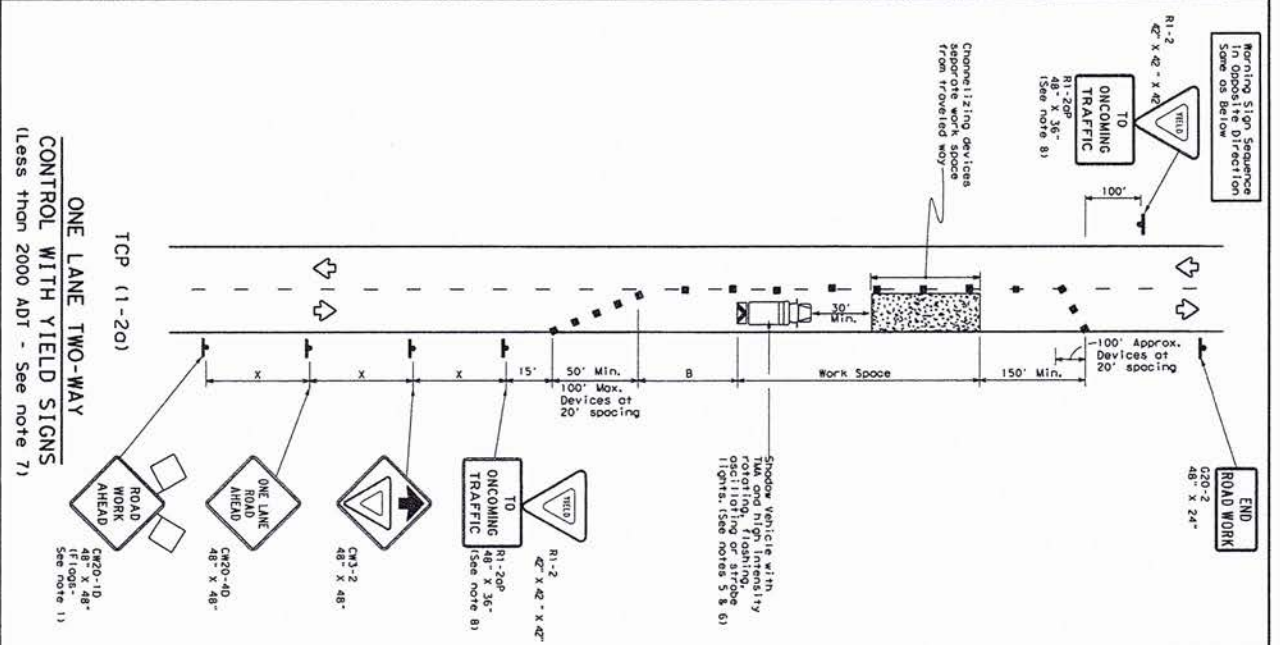
TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK

TCP (1-1)-12

| | | | | | |
|------|------|---------|---------|---------|---------|
| 2-24 | 2-12 | REVISED | REVISED | REVISED | REVISED |
| 8-95 | 8-95 | 8-95 | 8-95 | 8-95 | 8-95 |
| 4-88 | 4-88 | 4-88 | 4-88 | 4-88 | 4-88 |
| 151 | | | | | |

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DATE: FILE:



GENERAL NOTES:

1. Flagger stations to sign when down are required.
2. All traffic signs should be illuminated, except those grouped with the triangle symbol may be omitted when stored elsewhere in the plant, or for routine maintenance work, when approved by the Engineer.
3. The C20-4-BE PREPARED TO STOP sign may be installed after the C20-40 ONE LANE ROAD AHEAD sign, but proper sign spacing shall be maintained.
4. The C20-7 BE PREPARED TO STOP sign may be installed after the C20-40 ONE LANE ROAD AHEAD sign, but proper sign spacing shall be maintained.
5. A snowplow 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 use of a snowplow vehicle, the TMA should be used to clear the work area and the snowplow vehicle should be substituted for the snowplow vehicle.
6. Additional snowplow vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.

TCP (1-20)

1. R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight distances. For projects in urban areas, work spaces should be no longer than one hour city block. In rural areas on roadways with less than 2000 ADT, work spaces should be no longer than 400 feet.
2. R1-2 "YIELD" sign with R1-2OP "TO ONCOMING TRAFFIC" placards shall be placed on a support.

TCP (1-20B)

9. Flagger's should use two-way radios or other methods of communication to control traffic.
10. Length of work space should be based on the ability of flaggers to communicate.
11. The length of work space should be increased in order to maintain adequate stopping sight distances and of queue of stopped vehicles (see table above).
12. Channelizing devices on the center-line may be omitted when a pilot car is leading.
13. Flagger's should use 24" STOP/STAY products to control traffic. Flags should be illuminated in emergency situations.

LEGEND

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

TYPICAL USAGE

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

TABLE 1: Suggested Sign Spacing

| Posted Sign Spacing (ft) | Minimum Spacing (ft) | Recommended Spacing (ft) | Maximum Spacing (ft) |
|--------------------------|----------------------|--------------------------|----------------------|
| 30 | 150 | 150 | 200 |
| 35 | 175 | 175 | 225 |
| 40 | 200 | 200 | 250 |
| 45 | 225 | 225 | 275 |
| 50 | 250 | 250 | 300 |
| 55 | 275 | 275 | 325 |
| 60 | 300 | 300 | 350 |
| 65 | 325 | 325 | 375 |
| 70 | 350 | 350 | 400 |
| 75 | 375 | 375 | 425 |

* Conventional Roads Only
 ** Tower lengths have been rounded off.
 L = Length of Tower (ft); M = Min. of Offset (ft); S = Staked Speed (mph)

For construction or maintenance contract work, specific project snowplow vehicles can be found in the project GENERAL NOTES. For temporary signs and Barricade Signs and Traffic Handing.

Texas Department of Transportation
 Traffic Operations Division

TRAFFIC CONTROL PLAN
 ONE-LANE TWO-WAY
 TRAFFIC CONTROL
 TCP (1-2) - 12

© 10/01 December 1995
 4-90 2-2-2
 2-94 1-48
 4-98