

**REVIEW BY FORT BEND COUNTY  
COMMISSIONERS COURT**

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



Right of Way Permit



Commercial Driveway Permit

Permit No: 2017-11971

**Applicant:** NextEra Fibernet, LLC/Fibernet Direct

**Job Location Site:** 2324 Clodine Road, Katy, TX 77494

**Bond No.**                      **Date of Bond:** 7/7/2016 **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 7th day of March, 2017, Upon Motion of Commissioner Meyers, seconded by Commissioner Patterson, 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*

*for* County Engineer

N/A

By:                     

Drainage District Engineer/Manager

Clerk of Commissioners Court

By:                     

*Janice Wilkins*

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@fortbendcountytexas.gov

☒ Right of Way Permit  
☐ Commercial Driveway Permit  
Permit No: 2017-11971

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:**

- |                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | a. Name of road, street, and/or drainage ditch affected. |
| <input checked="" type="checkbox"/> | b. Vicinity map showing course of directions             |
| <input checked="" type="checkbox"/> | c. Plans and specifications                              |

**(2) BOND:**

- |                                     |  |                     |                     |
|-------------------------------------|--|---------------------|---------------------|
| <input type="checkbox"/>            | County Attorney, approval when applicable. |                     |                     |
| <input checked="" type="checkbox"/> | Perpetual bond currently posted.           | Bond No: [REDACTED] | Amount: \$50,000.00 |
| <input type="checkbox"/>            | Performance bond submitted.                | Bond No: _____      | Amount: _____       |
| <input type="checkbox"/>            | 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. Al*

Permit Administrator

*2/27/17*  
Date



# Notice of Construction in Right-of-Way

RING HO 01003A - Span 98

**PROPOSED 250' OF BURIED HDPE INNERDUCT AND FIBER TO BE PLACED ALONG THE NORTH  
R.O.W. OF CLODINE ROAD FROM FM 1464 TO 2324 CLODINE RD.**



# SITE LOCATION

KEY MAP: 527 J



P.O. BOX 1449, ROSENBERG, TX 77471

## 6. PROFILE SHEET

## PROPRIETARY INFORMATION



# GENERAL NOTES

## GENERAL NOTES:

1. CONTRACTOR MUST OBTAIN LOCATES PRIOR TO DISTURBING THE GROUND.
2. THE CONTRACTOR SHALL CONTACT A MEMBER OF TEXAS ONE CALL SYSTEM A MIN. OF 48 HOURS BEFORE DIGGING. YOU ONLY NEED TO CONTACT ONE CENTER. THAT CENTER WILL RELAY THE INFORMATION TO THE OTHER TWO CENTERS.
  - TEXAS ONE CALL 713-223-4567 OR 1-800-245-4545
  - TESS (TEXAS EXCAVATION SAFETY SYSTEM) 811
  - LONE STAR NOTIFICATION SYSTEM 800-669-8344 OR 713-223-4567
- REMINDER : ANY UNDERGROUND FACILITY OWNERS WHO ARE NOT MEMBERS OF TEXAS ONE CALL, TESS OR LONESTAR
3. NOTIFICATION CENTERS IN THE STATE OF TEXAS, MUST BE CONTACTED DIRECTLY BY THE ORIGINATOR OF THE LOCATION REQUEST.
4. CONTRACTOR MUST HAVE A COPY OF THE APPROVED PERMIT FROM THE APPROPRIATE AGENCY ON THE JOBSITE AT ALL TIMES.
5. THE CONTRACTOR SHALL VERIFY THE ROAD R.O.W. AND EASEMENTS PRIOR TO COMMENCING WORK. NO FACILITIES SHOULD BE PLACED ON PRIVATE PROPERTY UNLESS OTHERWISE SPECIFIED.
6. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES BEFORE COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ALL DAMAGES CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND FACILITIES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING WATER, WASTEWATER AND STORM DRAINAGE LINES. DAMAGES SHALL BE REPAIRED IN ACCORDANCE WITH THE MUNICIPALITY AGENCY (STATE, COUNTY, OR CITY), DEPARTMENT OF PUBLIC WORKS AND ENGINEERING'S STANDARD CONSTRUCTION SPECIFICATIONS FOR WASTEWATER COLLECTION SYSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING AND STANDARD CONSTRUCTION DETAILS FOR WASTEWATER COLLECTION S YSTEMS, WATER LINES, STORM DRAINAGE, AND STREET PAVING REFERENCED ABOVE, AT NO ADDITIONAL COST.
8. ALL CABLE WILL BE PLACED AT STANDARD MINIMUM DEPTH. (FPLIBERNET STANDARD IS 48" DEEP UNLESS OTHERWISE DIRECTED BY A FPLIBERNET REPRESENTATIVE.)
9. NO MORE TRENCH OPENED AT ONE TIME THAN CAN BE BACKFILLED AND COMPACTED IN 10" LIFTS AT THE END OF EACH DAY. (NO TRENCH LEFT OPENED OVERNIGHT)
10. ALL EXCESS EXCAVATION TO BE REMOVED FROM THE ROAD RIGHT-OF-WAY AT THE END OF EACH DAY.
11. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER.
12. ROAD MUST BE KEPT OPEN TO TRAFFIC AND CONTRACTOR MUST PROVIDE ADEQUATE FLAGMEN, SIGNALS, ETC., TO PROVIDE COMPLETE SAFETY TO THE PUBLIC. IF IT BECOMES NECESSARY FOR EQUIPMENT TO OPERATE ON A PORTION OF THE PAVEMENT, PRECAUTIONS MUST BE TAKEN TO PREVENT ANY DAMAGE WHATSOEVER TO THE PAVEMENT.
13. CONDITION OF ROAD UPON COMPLETION OF JOB SHALL BE AS GOOD OR BETTER THAN PRIOR TO STARTING
14. CONTRACTOR SHALL COMPLY WITH LATEST EDITION OF OSHA REGULATIONS AND THE STATE OF TEXAS LAWS CONCERNING EXCAVATION.
15. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS, AND TREES ALONG THE AREA OF EXCAVATION.
16. NO CONSTRUCTION ON PRIVATE PROPERTY WILL COMMENCE UNTIL RIGHT OF ENTRY OR EASEMENT IS GRANTED.
17. CONTRACTOR SHALL NOT EXCEED THE PURCHASE ORDER VALUE WITHOUT AUTHORIZATION IN WRITING FROM THE APPROPRIATE FPLIBERNET REPRESENTATIVE ANY LANDSCAPING WILL BE REPLACED TO EQUAL OR BETTER THAN THAT WHICH EXISTED PRIOR TO WORK.
18. PROJECT SITE WILL BE PROPERLY SECURED PRIOR TO THE END OF EACH DAY.
19. ALL WORK IS TO BE IN ACCORDANCE WITH THE STANDARDS OF ALL AUTHORITIES HAVING JURISDICTION IN THE WORK ZONE.
20. CONTRACTORS ARE ADVISED TO CONTACT FPLIBERNET FOR ANY ADDITIONAL INFORMATION OR CLARIFICATION CONCERNING SCOPE OF WORK OR THE REQUIREMENTS NECESSARY FOR PROJECT COMPLETION.
21. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, QUANTITIES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF A SIGNIFICANT CHANGE TO THE RUNNING LINE IS NEEDED, CONTRACTOR SHALL CONTACT YOUR FPLIBERNET REPRESENTATIVE BEFORE PROCEEDING.
22. BEFORE CONSTRUCTION BEGINS, CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO AVOID ANY POTENTIAL OBSTRUCTIONS PRIOR TO PROCEEDING WITH WORK.
23. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ROOT SYSTEMS OF SHRUBS, PLANTS, AND TREES ALONG THE AREA OF EXCAVATION.
24. CONTRACTOR WILL COMPLETE ALL WORK PER "FPLIBERNET" CONSTRUCTION SPECIFICATIONS.
25. CONTRACTOR SHALL MAINTAIN A SET OF REDLINE DRAWINGS, RECORDING AS-BUILT CONDITIONS DURING CONSTRUCTION. THESE REDLINE MARKED UP DRAWINGS WILL BE SUBMITTED TO THE DESIGN CONSULTANT WHO WILL MAKE THE CHANGES ON THE AS-BUILT RECORD DRAWINGS.

ABBR.	DESCRIPTION
B.O.	BUILDING OWNED
B.O.C.	BUILDING OWNED CONDUIT
EOC	EDGE OF CURB
EMT	ELECTRIC METALLIC TUBING
EOP	EDGE OF PAVEMENT
FDP	FIBER DISTRIBUTION PANEL
FF	FINISHED FLOOR
FMC	FLEXIBLE METALLIC CONDUIT
GRC	GALVANIZED RIGID CONDUIT
HDPE	HIGH DENSITY POLYETHYLENE
HH	HANDHOLE
JB	JUNCTION BOX
MH	MANHOLE
PB	PULLBOX
PL	PROPERTY LINE
PVC	POLYVINYL CHLORIDE
ROW	RIGHT OF WAY
SP	SPLICE PANEL
STA.	STATION
SIW	SIDEWALK

## APWA STANDARD

COLOR CODE FOR TEMPORARY MARKING OF UNDERGROUND FACILITIES:

RED = ELECTRIC POWERLINES, CABLES, CONDUIT, AND LIGHTING CABLES  
YELLOW = GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIAL  
ORANGE = COMMUNICATION, ALARM, OR SIGNAL LINES, CABLES, OR CONDUIT  
BLUE = POTABLE WATER  
GREEN = SEWER AND DRAIN LINES  
PURPLE = RECLAIMED WATER, IRRIGATION, AND SLURRY  
PINK = TEMPORARY SURVEY MARKINGS  
WHITE = PROPOSED EXCAVATION



TITLE: NO 010024 - SPAN 88 - FORT BEND COUNTY PERMIT	
LOC: HOUSTON, TX	
PROJECT: FORT BEND COUNTY - NO 010024 - SPAN 88-88	
DRAWING: FORT BEND COUNTY - NO 010024 - SPAN 88-88	
DATE: 10/28/18	ENG DESIGN
DESIGNED BY: FCS	DESIGNED BY: FCS
CHECKED BY: N/A	CHECKED BY: N/A
AS-BUILT: 1	AS-BUILT: 1
PAGE: 2	OF: 6

PROPRIETARY INFORMATION OF FPLIBERNET, LLC



## LINE TYPES

EQC	EQC	CIVIL - EDGE OF CURB
EQP	EQP	CIVIL - EDGE OF PAVEMENT
PL	PL	CIVIL - PROPERTY LINE
+++++	+++++	CIVIL - RAILROAD TRACKS
RW	RW	CIVIL - RIGHT OF WAY
A	A	P - FIBER - AERIAL - EXISTING
A	A	P - FIBER - AERIAL - PROPOSED
AW	AW	P - FIBER - AERIAL WHOLESALE - EXISTING
AW	AW	P - FIBER - AERIAL WHOLESALE - PROPOSED
AE	AE	P - FIBER - AERIAL ENTERPRISE - EXISTING
AE	AE	P - FIBER - AERIAL ENTERPRISE - PROPOSED
IFX	IFX	P - FIBER - ISP - EXISTING
IFX	IFX	P - FIBER - ISP - PROPOSED
ABAN	ABAN	P - FIBER - ISP - PROPOSED
ABAN	ABAN	P - FIBER ABANDON
FX	FX	P - FIBER REMOVE
FX	FX	P - STRAND EXISTING
FX	FX	P - STRAND PROPOSED
X	X	P - STRAND DEMO
X	X	P - DUCT ISP EXISTING
X	X	P - DUCT ISP PROPOSED
B	B	P - FIBER - BURIED - EXISTING
B	B	P - FIBER - BURIED - PROPOSED
UW	UW	P - FIBER - UG WHOLESALE - EXISTING
UW	UW	P - FIBER - UG WHOLESALE - PROPOSED
UE	UE	P - FIBER - UG ENTERPRISE - EXISTING
UE	UE	P - FIBER - UG ENTERPRISE - PROPOSED
---	---	P - DUCT EXISTING
---	---	P - DUCT PROPOSED
G	G	UTILITIES - GAS
SS	SS	UTILITIES - SANITARY SEWER
SL	SL	UTILITIES - STORM
W	W	UTILITIES - WATER





PROJECT CONSTRUCTION NOTES:

1. ALL PROPOSED U/G CONSTRUCTION SHOWN IN RED ON THIS PLAT WILL INDICATE BORING TWO 1 1/4" HOPE INNERGUTS AND ONE FIBER CABLE; UNLESS OTHERWISE INDICATED.
2. ALL HAND HOLES ARE 4"x36"x30"(UNLESS OTHERWISE INDICATED) WITH 100' OF FIBER SLACK LOOP.

SITE INSI - 30161  
HO 0012-108808 - MISSION  
7324 CLONINE RD.

CLODINE  
REDDICK RD.

CLODINE ROAD

SEE PROJECT SHEET 13

169+33

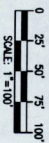
NOTE: THE FORT BEND COUNTY PERMIT STARTS HERE. FIBERNET WILL ACQUIRE A TROOT PERMIT TO CONTINUE NORTH ON FM 1464. THE FIBER ROUTE SHOWN ON FM 1464 IS FOR REFERENCE ONLY.

O'BRIEN ROAD  
FM 1464

ORCHARD RIDGE LANE

# PROJECT SHEET 14

### CONSTRUCTION NOTES



TITLE: NO 010034 - SPAN 30 - FORT BEND COUNTY PRISM	
LOC: HOUSTON, TX	
P/NO: 1/01 BUILDING ID:	
PM: BRENET PERIOD: 7/13 - 401 - 5508	
DWG: Fort Bend County	NO 010034 - SPAN 30.dwg
DRAWING	DATE
ORIGINAL	10/28/16
DATE	02/28/17
AS-BUILT	N/A
END DESIGN	
DESIGNED BY	FCS
CHECKED BY	KCS
DATE	N/A
PAGE: 4	
OF: 6	
PROPRIETARY INFORMATION OF FPI FIBERNET, LLC	

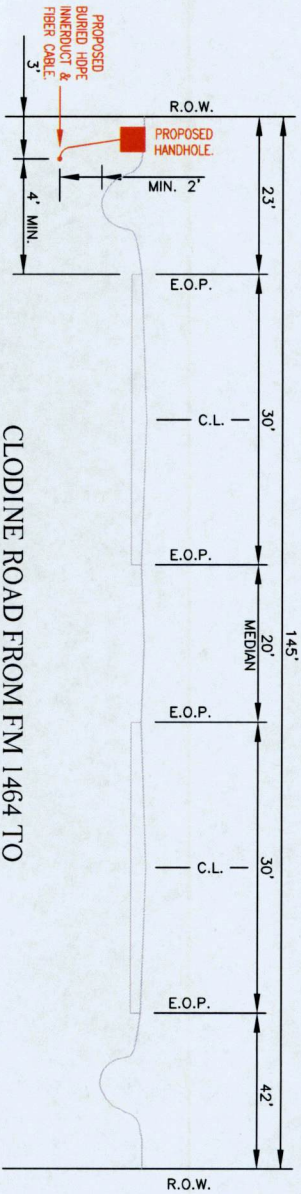


NOTE: THE FORT BEND COUNTY PERMIT STARTS HERE. FIBERNET WILL ACQUIRE A TDDOT PERMIT TO CONTINUE NORTH ON FM 1464. THE FIBER ROUTE SHOWN ON FM 1464 IS FOR REFERENCE ONLY.

PROJECT SHEET 14A - AERIAL IMAGE  
FOR REFERENCE ONLY







CLODINE ROAD FROM FM 1464 TO  
2324 CLODINE RD.  
LOOKING EAST

# PROFILE SHEET 1

TITLE: HO 01003A - SPAN 98 - FORT BEND COUNTY PERMIT	
LOC: HOUSTON, TX	
PROJECT: FORT BEND COUNTY - SPAN 98 - FORT BEND COUNTY PERMIT	
DWS: Fort Bend County - HO 01003A - SPAN 98.G	
DRAWING: 10/28/19	
DATE: 10/28/19	
DESIGN: END DESIGN	
ORIGINAL: 02/28/17	
AS-BUILT: N/A	
PAGE: 6	
OF: 6	



PROPRIETARY INFORMATION OF FPL FIBERNET, LLC



**Notes for Figure 6H-1—Typical Application 1**  
**Work Beyond the Shoulder**

*Guidance:*

1. *If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.*

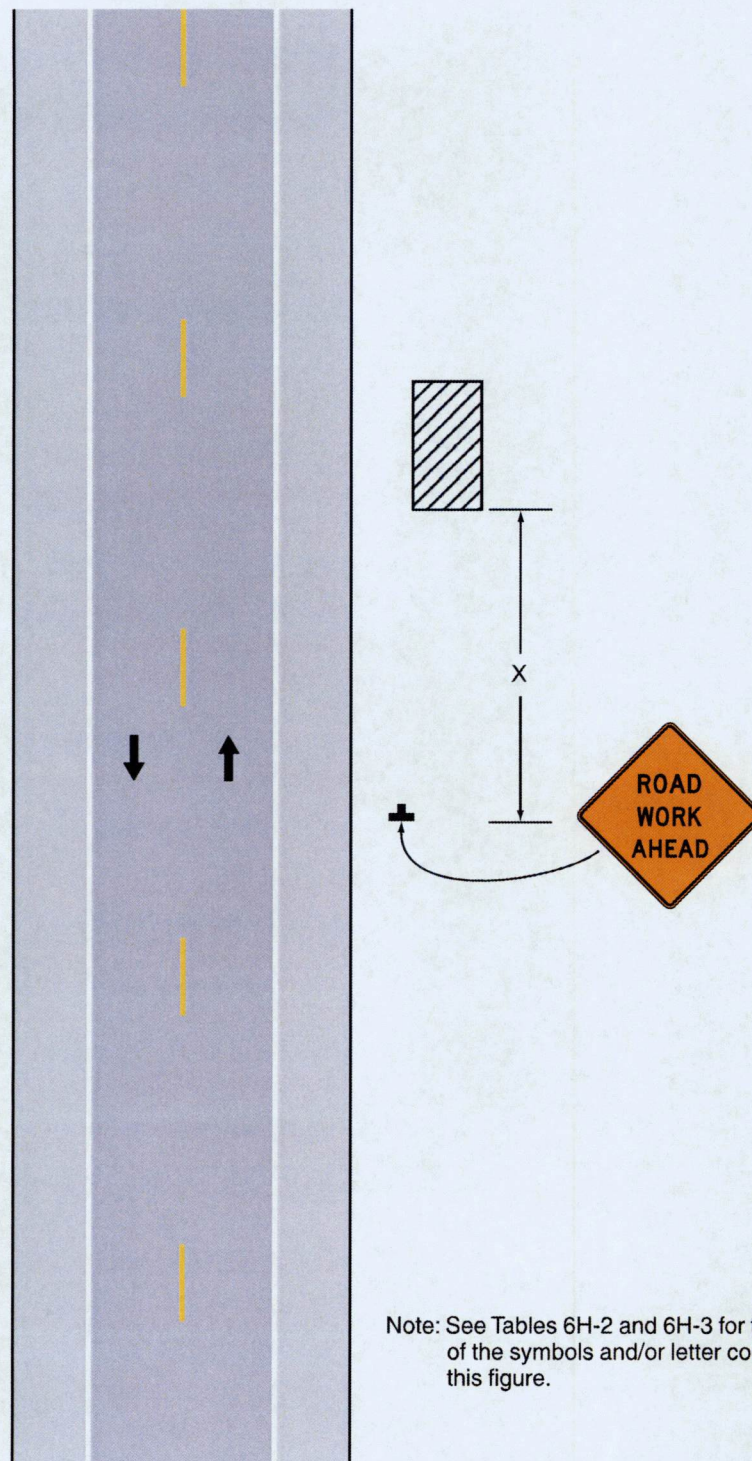
*Option:*

2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

**Standard:**

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**



**Figure 6H-1. Work Beyond the Shoulder (TA-1)**

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

**Typical Application 1**



**Notes for Figure 6H-3—Typical Application 3**  
**Work on the Shoulders**

*Guidance:*

1. *A SHOULDER WORK sign should be placed on the left side of the roadway for a divided or one-way street only if the left shoulder is affected.*

*Option:*

2. The Workers symbol signs may be used instead of SHOULDER WORK signs.
3. The SHOULDER WORK AHEAD sign on an intersecting roadway may be omitted where drivers emerging from that roadway will encounter another advance warning sign prior to this activity area.
4. For short duration operations of 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

**Standard:**

6. **Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.**
7. **When paved shoulders having a width of 8 feet or more are closed, at least one advance warning sign shall be used. In addition, channelizing devices shall be used to close the shoulder in advance to delineate the beginning of the work space and direct vehicular traffic to remain within the traveled way.**



Figure 6H-3. Work on the Shoulders (TA-3)

