

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 05 day of MAY, 2015, Commissioners Court came on to be heard and reviewed the accompanying notice of AT & T

Job Location BOWSER ROAD

Dated 04/22/15 BOND NO. CH1-001686693-01, Permit No. 84829 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 Meyer, seconded by Commissioner Patterson, 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
301 JACKSON STREET
RICHMOND, Texas 77469
281-633-7500

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

By [Signature]
County Engineer

By N/A
Drainage District Engineer/Manager

Presented to Commissioners Court and approved.
Recorded in Volume 5/5/15
Minutes of Commissioners Court.

Clerk of Commissioners Court
By [Signature]
Deputy **RENEE MICHULKA**

**NOTICE OF PROPOSED CABLE, CONDUIT AND/OR POLE LINE ACTIVITY
IN, UNDER, ACROSS OR ALONG ROADS, STREETS, HIGHWAYS AND DRAINAGE DITCHES
IN FORT BEND COUNTY**

APPLICANT'S JOB NO. 84529 A004QH1 - (TITLE - BB RT 1 FIB- VALLEY LODGE)
 PERMIT No. 3 PCT. No. 3
 BOND No. CH1-00169693-01

Formal notice is hereby given that AT&T 14576 Presidio Square e-mail: cv6525@att.com ph: 979-836-2186
 proposes to lay, construct, maintain and/or repair cable, conduit and/or pole line, in, under, across, or along roads, streets, highways and
 drainage ditches in Fort Bend County, as follows:

In, Under, or Across Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	Length of Crossing	Type of Construction			
			Bored	Jacked	Driven	Cased

Along Roads and/or Drainage Ditches

Road or Ditch Name	Distance & Direction From Nearest Intersection	To	Distance
Bowser Road	45' south of center line	FM 1093	7,817 ft south

General Description

**Placing buried telephone cable from existing handhole at South West corner of FM 1093 & Bowser Road inside the west r.o.w.
 Line of Bowser Road south for 7,817 feet to serve a new subdivision and cell site.**

The Location and description of the proposed installation and appurtenances is more fully shown on the attached detail drawings. The laying, construction, maintenance and/or repair of the proposed installation shall be subject to "A Revised Order Regulating the Laying, Construction, Maintenance and/or Repair of Cables, Conduits, and/or 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 Commissioners Court of Fort Bend County, Texas, dated the 3rd. day of August, 1987, recorded in Volume 639 of the Minutes of the Commissioners Court of Fort Bend County, Texas.

Written notices are required: 1) 48 hours in advance of start of construction and
 2) when construction is complete and ready for final inspection.

Mail to: Permit Administrator/Fort Bend County Engineering
 301 Jackson Richmond, TX 77469.

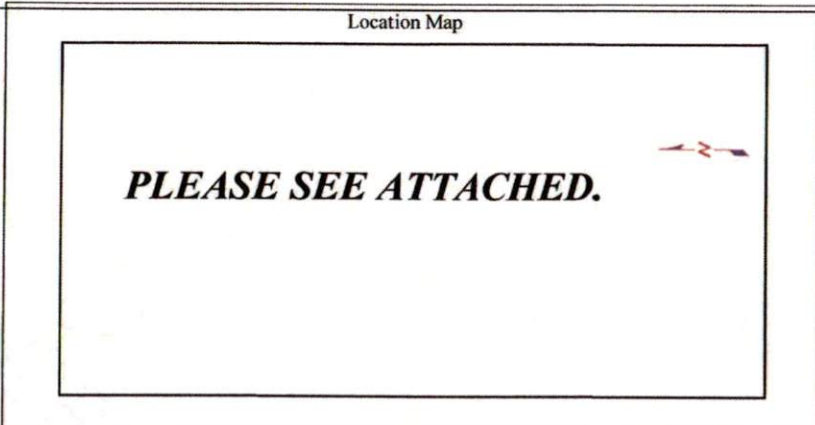
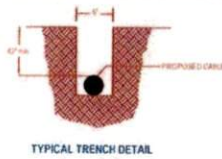
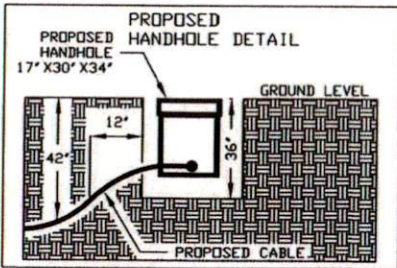
Violation of Requirements shall constitute grounds for job shut down.

As of 9/1/2014, we will no longer mail out permits. Instead, we will email them.
 Please complete:
 Name: Don Hemme
 Email address: donaldhemme@yahoo.com

COMPANY NAME: Bvers Engineering AGENT AND/OR OWNER
 NAME & TITLE: Don Hemme ENGINEER
 (Signature)
 DATE: 4/22/15
 ADDRESS: 5301 Hollister suite 250
 Houston Texas 77040
 City State Zip
 TELEPHONE No. 832-910-9818

(Accessible 24hrs/day, 7 days/week)

- FORT BEND COUNTY SPECIFICATIONS**
1. NO MORE TRENCH OPENED AT ONE TIME THAN CAN BE BACKFILLED AND COMPACTED IN 10' LIFTS AT THE END OF EACH WORK DAY. ONE TRENCH LEFT OPEN OVERNIGHT.
 2. ALL EXCESS EXCAVATION TO BE REMOVED FROM ROAD RIGHT OF WAY AT THE END OF EACH WORK DAY.
 3. DITCHES TO BE OPENED AT END OF EACH DAY TO ASSURE ADEQUATE DRAINAGE.
 4. ROAD MUST BE KEPT OPEN TO TRAFFIC AND CONTRACTOR MUST PROVIDE ADEQUATE FLAGMEN, SIGNS, SIGNALS, ETC. TO PROVIDE COMPLETE SAFETY TO THE PUBLIC.
 5. IF IT BECOMES NECESSARY FOR EQUIPMENT TO OPERATE ON A PORTION OF THE PAVEMENT, PRECAUTIONS SHOULD BE TAKEN TO PREVENT ANY DAMAGE WHATSOEVER TO THE PAVEMENT.
 6. CONDITION OF ROAD UPON COMPLETION OF JOB SHALL BE AS GOOD OR BETTER THAN PRIOR TO STARTING.
 7. MIN DEPTH TO TOP OF CABLE OR CONDUIT IS TO BE 40" BELOW CROWN OF ROAD AND 42" BELOW ANY ROADSIDE DITCH.



SPECIAL CIRCUITS N
6203 FORWARDED N
PERMIT REQUIRED Y

NORTH ARROW

OPERATING RANGE OF JOB STEPS
TASK _____ TO _____
MFCR **BASE**

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

CAUTION HIGH VOLTAGE
KV 0.00 AERIAL N BURIED N

HIGHWAY PERMIT NO.

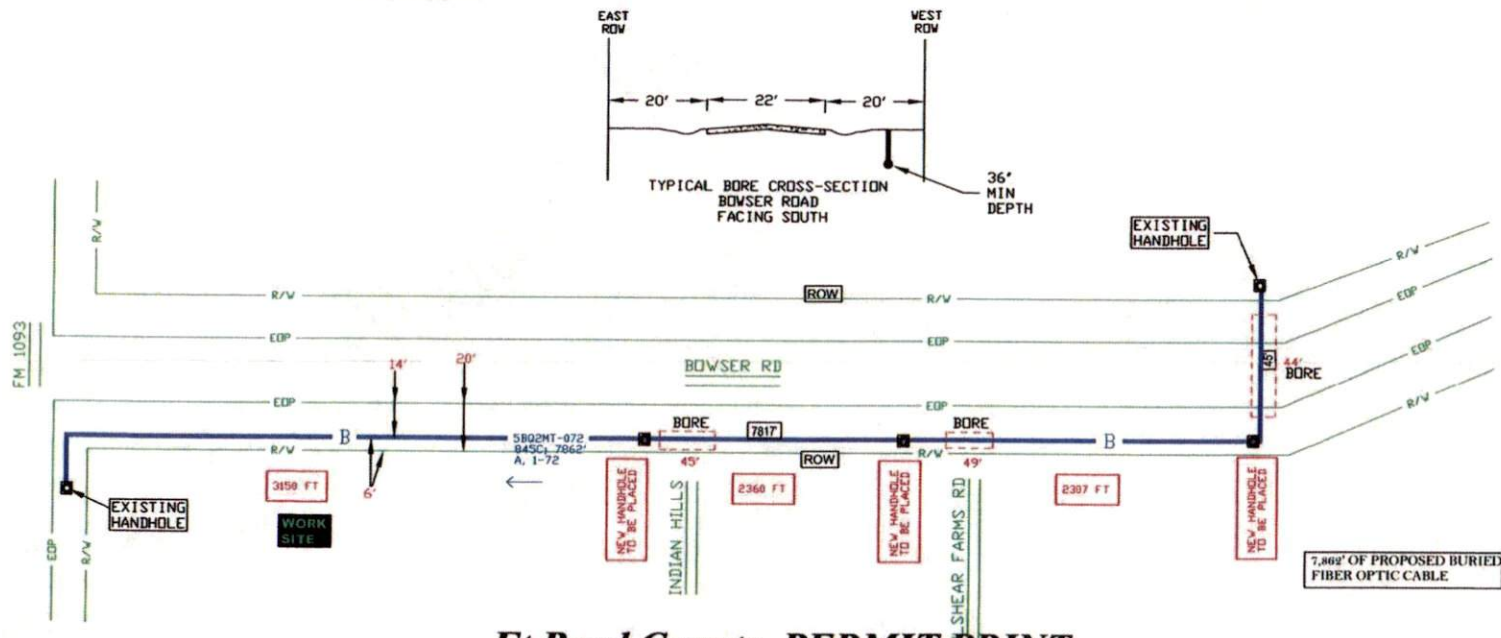
Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

PROJECT NO **0004GH1**

TOT. PRINTS 24 PRINT NO. 24
NPA/NNX: 281-533 PRT: 281533
EXCH. VALLEY LODGE
TAX DIST. FG009
GEO LOC. W89533
ENGR. CV DRAWN DH
TELEPHONE NO. (979) 836-2186
REC. REF. 210-285-64-1
MAP REF. 522 N
SCALE NONE
ISSUE DATE
PROJ TITLE **BB RT 1 FTB - VALLEY LODGE**
REV. NUMBER
DATE REV.

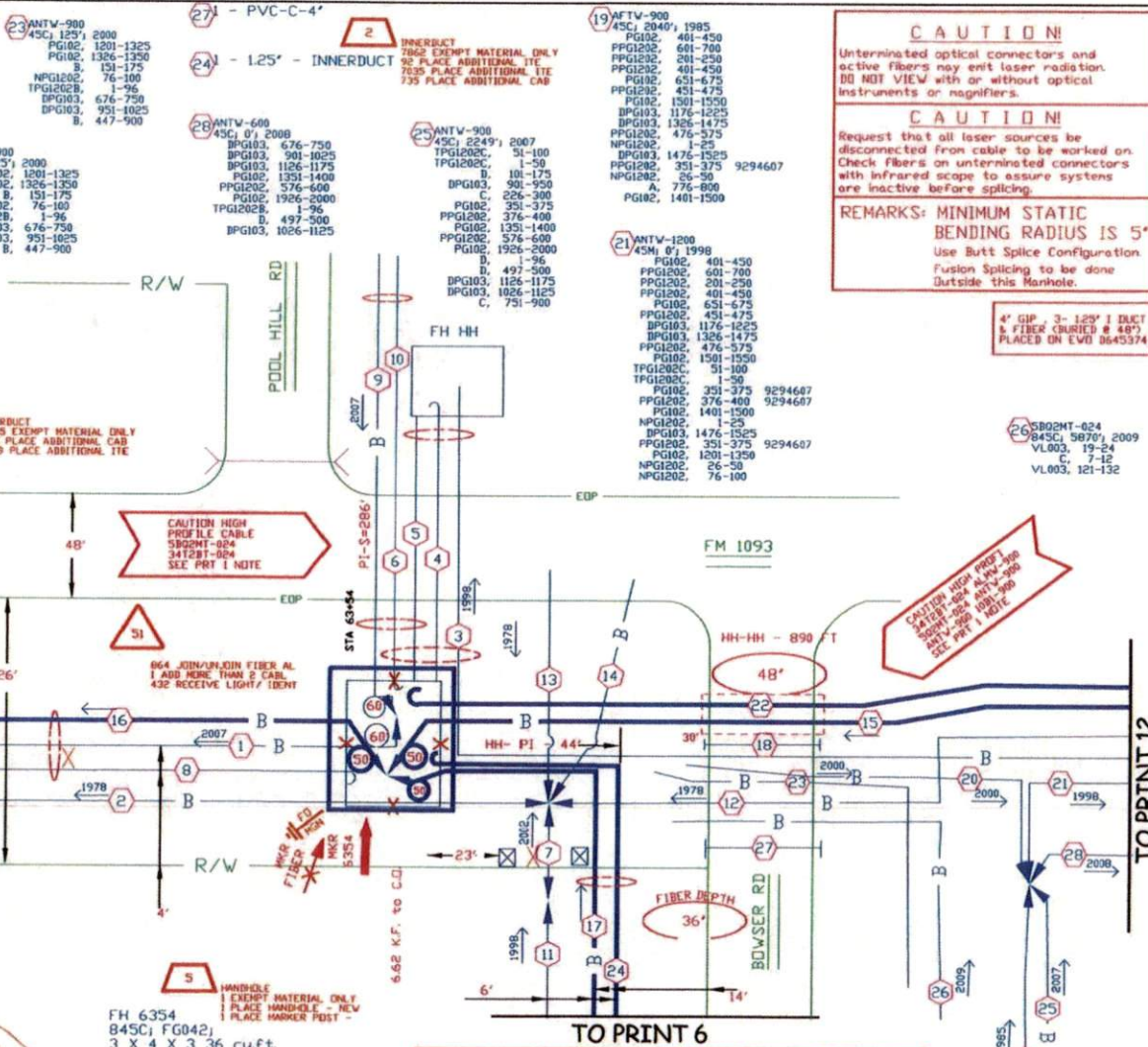


Ft Bend County PERMIT PRINT

--Proprietary--
Not for use or disclosure outside the AT&T companies except under written agreement.

BYERS ENGINEERING COMPANY
DON HENNE
832-910-9818

- FTTN DA YES NO
- 4 - 1.25" - INNERDUCT
1 @ 90'
PIPE - GALV-4"
- 5 - 1 @ 90'
PIPE - GALV-4"
- 6 - 1.25" - INNERDUCT
2 @ 90' each
- 7 - 1.25" - INNERDUCT
45M 10' 2002
100, 901-1000
100, 1201-1225
A, 126-150
100, 1251-1300
VL003, 9-10
VL003, 135-144
- 8 - 1.25" - INNERDUCT
- 9 - 1.25" - INNERDUCT
845M 497' 2007
VL003, 1-4
A, 5-24
- 10 - 1.25" - INNERDUCT
- 11 - 1.25" - INNERDUCT
45M 0' 1998
100, 901-1000
100, 1201-1225
A, 126-150
100, 1251-1300
VL003, 9-10
VL003, 135-144
- 12 - 1.25" - INNERDUCT
45M 2479' 1978
100, 1-600
PPGI202, 151-200
PPGI202, 1-50
100, 701-800
100, 801-900
- 13 - 1.25" - INNERDUCT
45M 0' 1978
100, 1001-1200
A, 201-900
- 14 - 1.25" - INNERDUCT
45M 28' 1997
101, 1626-1675
101, 1351-1500
- 15 - 1.25" - INNERDUCT
845C 14615' 1
SBQ2MR-432
14615 MATERIAL ONLY
1246 BORE & PLACE ONE CAB
1239 TRENCH AND PLACE ONE
99 BORE & PLACE ONE
99 PULL ITEM IN EXISTN
99 BORE & PLACE ONE
- 16 - 1.25" - INNERDUCT
845C 0' 1-432
- 17 - 1.25" - INNERDUCT
845C 8212' 3
SBQ2MT-072
8212 MATERIAL ONLY
730 BORE & PLACE ONE CAB
90 BORE & PLACE ONE
737 TRENCH AND PLACE ONE
350 PULL ITEM IN EXISTN
- 18 - 4.00" - PIPE - GALV-4"



CAUTION!
Unterminated optical connectors and active fibers may emit laser radiation. DO NOT VIEW with or without optical instruments or magnifiers.

CAUTION!
Request that all laser sources be disconnected from cable to be worked on. Check fibers on unterminated connectors with infrared scope to assure systems are inactive before splicing.

REMARKS: MINIMUM STATIC BENDING RADIUS IS 5"
Use Butt Splice Configuration
Fusion Splicing to be done Outside this Manhole.

4" GIP, 3-1.25" I DUCT & FIBER BURIED @ 48" PLACED ON EWD 845374

SPECIAL CIRCUITS N
6203 FORWARDED N
PERMIT REQUIRED Y

NORTH ARROW

OPERATING RANGE OF JOB STEPS
TASK 1 TO 31

MFRC 845C

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

CAUTION HIGH VOLTAGE
KV 12.50 AERIAL Y BURIED N

HIGHWAY PERMIT NO.

Utility CO CENT - CENTER POINT
REP NAME GABRIEL GONZALES
REP TEL NO. (281) 341-4908
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

PROJECT NO A0040H1

TOT. PRINTS 23 PRINT NO. 5
NPA/NNX: 281-533 PRT: 281533
EXCH. VALLEY LODGE
TAX DIST. FG042
GEO. LOC. W89533
ENGR. CV DRAWN IH
TELEPHONE NO. (979) 836-2186
REC. REF. 210-285-64-1
MAP REF. 522 N
SCALE NONE
ISSUE DATE
PROJ. TITLE 88 RT 1 FIB - VALLEY LODGE
REV. NUMBER
DATE REV.

Task #	FTI	Materials	Acct Code	Tax Dist	Tax	Mort Qty	Year
1	*MATL	SBQ2MR-432	845C	FG009	14615	0	
3	*MATL	SBQ2MT-072	845C	FG009	8212	0	

CONTRACTORS:
THE LOCATIONS OF EXISTING TELEPHONE UTILITIES ARE SHOWN BY AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES 48 HOURS PRIOR TO EXCAVATING FOR NON-TELEPHONE UTILITIES LOCATES CALL 1 800 545-6005

MANHOLE 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 4 845X 1 EXEMPT MATERIAL ONLY 1 REMOVE MANHOLE - 21 1 REMOVE MARKER POST -

MANHOLE 5 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 6 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 7 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 8 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 9 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 10 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 11 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 12 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 13 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 14 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 15 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 16 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 17 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 18 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 19 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 20 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 21 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 22 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 23 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 24 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 25 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 26 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 27 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 28 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 29 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 30 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

MANHOLE 31 845X 1 EXEMPT MATERIAL ONLY 1 PLACE MANHOLE - NEW 1 PLACE MARKER POST -

Not for use or disclosure outside the AT&T companies except under written agreement.

FTTN DA YES NO

1 ANNV-400
45M, 0', 1998
5621B, 1-400

2 ANNV-400
45M, 200', 1998
100, 901-1000
100, 1201-1225
A, 126-150
100, 1251-1300
PPG1202, 1-50
TPG1202B, 51-96
DPG103, 676-750
A, 372-400

3 SB02HT-072
845CL 0'
VL005, 61-88
C, 29-72

3 PRINT 5

4 - 1.25' - INNERDUCT 2 PRINT 5

SPECIAL CIRCUITS N
6203 FORWARDED N
PERMIT REQUIRED Y



NORTH ARROW

OPERATING RANGE OF JOB STEPS

TASK 1 TO 1

MFRS BASIC

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

CAUTION HIGH VOLTAGE
KV 12.50 AERIAL T BURIED N

HIGHWAY PERMIT NO.

Utility CO CENT - CENTER POINT
REP NAME GABRIEL GONZALES
REP TEL NO. (281) 341-6908
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

TO PRINT 7

PROJECT NO A0040H1

TOT. PRINTS 23 PRINT NO. 6

NPA/NNX: 281-533 PRT: 281533

EXCH. VALLEYLORGE

TAX DIST. FG009

GEO LOC. W89533

ENGR. NJ

DRAWN DH

TELEPHONE NO. (281) 341-4130

REC. REF. 210-285-64-1

MAP REF. S22 N

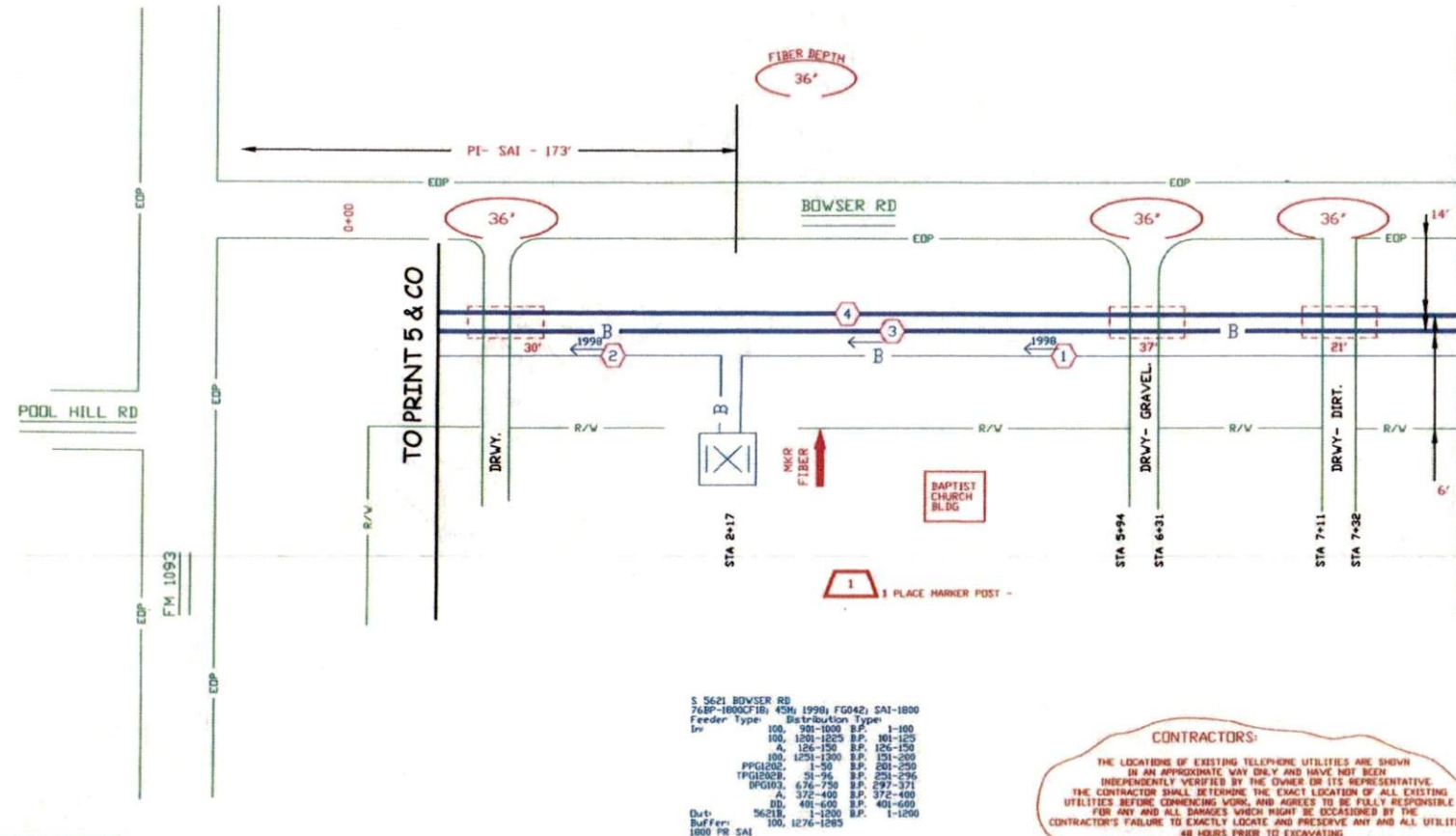
SCALE NONE

ISSUE DATE

PROJ TITLE BB RT I FIB- VALLEYLORGE

REV. NUMBER

DATE REV.



S 5621 BOWSER RD (1998) FG042) SAI-1800
748P-1000CF10) 45M; 1998) SAI-1800
Feeder Type: Distribution Type:
In 100, 901-1000 B.P. 1-100
100, 1201-1225 B.P. 101-125
A, 126-150 B.P. 126-150
100, 1251-1300 B.P. 151-200
PPG1202, 1-50 B.P. 201-250
TPG1202B, 51-96 B.P. 251-296
DPG103, 676-750 B.P. 297-371
A, 372-400 B.P. 372-400
BU, 401-600 B.P. 401-600
Dut: 5621B, 1-1200 B.P. 1-1200
Buffer: 100, 1276-1285
1800 PR SAI

CONTRACTORS:
THE LOCATIONS OF EXISTING TELEPHONE UTILITIES ARE SHOWN IN AN APPROPRIATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES. 48 HOURS PRIOR TO EXCAVATING.
FOR NON-TELEPHONE UTILITIES LOCATES CALL 1 800 545-6005

CONSTRUCTION NOTE:
INNERDUCT IS TO BE LEFT EMPTY FOR FUTURE CABLE.

Proprietary
Not for use or disclosure outside the AT&T companies except under written agreement.

Proprietary
Not for disclosure outside Southwestern Bell Telephone Company except under written agreement.

FTTN DA YES NO

2 ANHV-408
45M; 6; 1998
56218, 1-400

1 SBOEMT-972
845C; 9'
VL005, 61-08
C, 29-72

3 1.25" - INNERDUCT 2 PRINT 5

3 PRINT 5

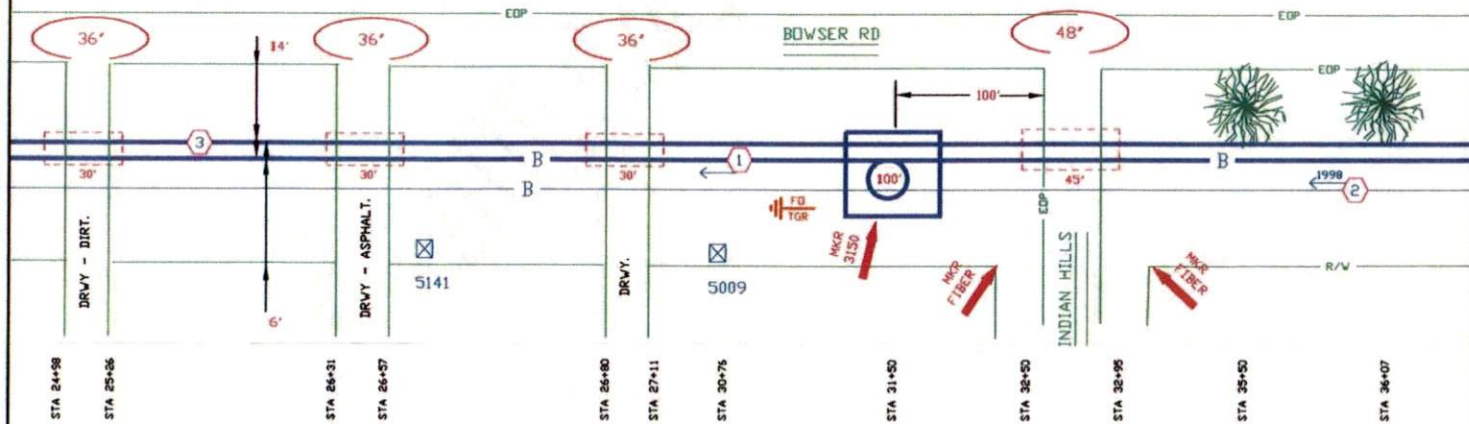
FIBER DEPTH
36"

1 HANDHOLE
1 EXCEPT MATERIAL ONLY
1 PLACE HANDPOLE - NEW
1 PLACE GROUND FIELD &
1 PLACE MARKER POST -
FH 3150
845C; FG009;
3 X 4 X 3 36 cu.ft.

2 PLACE MARKER POST -

TO PRINT 7 & CO

TO PRINT 9

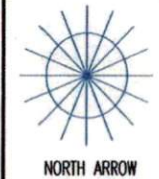


CONSTRUCTION NOTE:
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FUTURE CABLE.

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INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE.
THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING
UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE
FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE
CONTRACTOR'S FAILURE TO CAREFULLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
48 HOURS PRIOR TO EXCAVATING
FOR NON-TELEPHONE UTILITIES LOCATES
CALL 1 800 545-6005

SPECIAL
CIRCUITS N
6203
FORWARDED N
PERMIT
REQUIRED Y



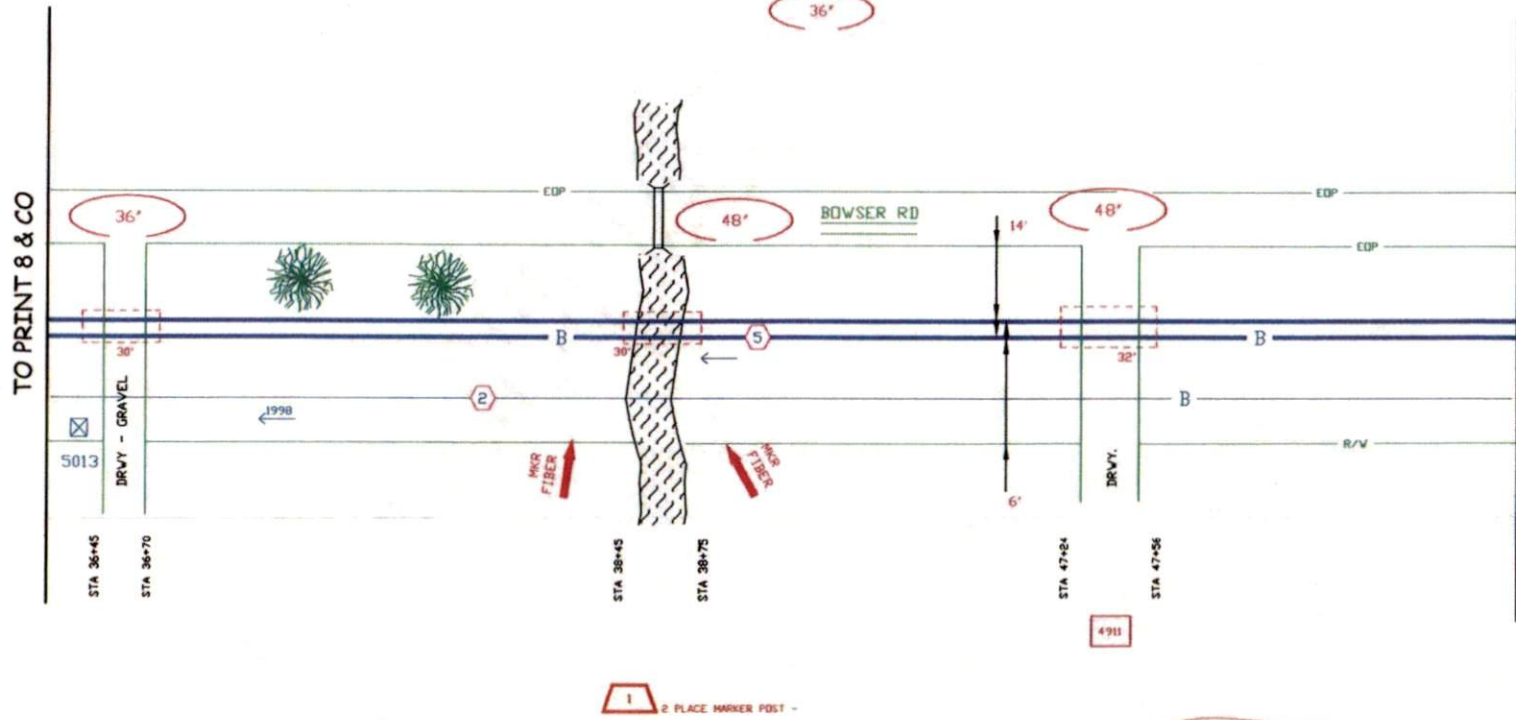
OPERATING RANGE OF JOB STEPS	
TASK 1	TO 2
MFRC 05C	
TRANSMISSION ZONE	
RZ 0	CZ 0 TAPER CODE
CAUTION HIGH VOLTAGE	
KV 12.50	AERIAL BURIED
HIGHWAY PERMIT NO.	
Utility CO CENT - CENTER POINT	
REP NAME GABRIEL GONZALES	REP TEL NO. (281) 341-4908
POLE CONTACTS (+) 0	(-) 0
Utility CO	
REP NAME	REP TEL NO.
POLE CONTACTS (+) 0	(-) 0
Utility CO	
REP NAME	REP TEL NO.
POLE CONTACTS (+) 0	(-) 0
PROJECT NO A0040H1	
TOT.PRINTS 23	PRINT NO. 8
NPA/NNX: 281-533	PRT:281533
EXCH. VALLEYLDGE	
TAX DIST. FG009	
GEO LOC. W89533	
ENGR. CV	DRAWN DH
TELEPHONE NO. (281) 341-4130	
REC. REF. 210-285-62-2	
MAP REF. 522 S	
SCALE NONE	
ISSUE DATE	
PROJ TITLE BB RT 1 FIB - VALLEYLDGE	
REV. NUMBER	
DATE REV.	

FTTN DA YES NO

3 PRINT 5
 5 SBQZNT-072
 849C, 8000
 VL005, 61-88
 C, 29-72

2 ANN-408
 25M, 8', 1998
 5621B, 1-400

1 - 1.25' - INNERDUCT 2 PRINT 5



TO PRINT 8 & CO

TO PRINT 10

SPECIAL CIRCUITS N
 6203 FORWARDED N
 PERMIT REQUIRED Y
 NORTH ARROW

OPERATING RANGE OF JOB STEPS
 TASK 1 TO 1
 MFRC BISC

TRANSMISSION ZONE
 RZ 0 CZ 0 TAPER CODE

CAUTION HIGH VOLTAGE
 KV 12.50 AERIAL 1 BURIED 11

HIGHWAY PERMIT NO.

UTILITY CO (CENT - CENTER POINT)
 REP NAME GABRIEL CENTALES
 REP TEL NO. (281) 341-4908
 POLE CONTACTS (+) 0 (-) 0

UTILITY CO
 REP NAME
 REP TEL NO.
 POLE CONTACTS (+) 0 (-) 0

UTILITY CO
 REP NAME
 REP TEL NO.
 POLE CONTACTS (+) 0 (-) 0

PROJECT NO A004QH1

TOT. PRINTS 23 PRINT NO. 9
 NPA/NNX: 281-533 PRT: 281533
 EXCH. VALLEY LODGE
 TAX DIST. F6009
 GEO. LOC. W89533
 ENGR. CV DRAWN 111
 TELEPHONE NO. (281) 341-4130
 REC. REF. 210-285-62-1
 MAP REF. 522 S
 SCALE NONE
 ISSUE DATE
 PROJ. TITLE BB RT 1 FIB - VALLEY LODGE
 REV. NUMBER
 DATE REV.

CONSTRUCTION NOTE:
 INNERDUCT IS TO BE
 LEFT EMPTY FOR
 FUTURE CABLE.

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 THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING
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 FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCURRED BY THE
 CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
 48 HOURS PRIOR TO EXCAVATING
 FOR NON-TELEPHONE UTILITIES LOCATES
 CALL 1 800 545-6005

FTTN DA YES NO

⑥ 1.25' - INNERDUCT ② PRINT 5

- ① ANNV-200
45M, 0', 1998
5621B, 1-200
- ② ANNV-400
45M, 0', 1998
5621B, 1-400
- ③ 1 - 4.00' - GIP
- ④ ALMW-100
45M, 0', 1977
5621B, 201-275
A, 76-100
- ⑤ 0802MT-072
845C, 0'
VL005, 61-08
C, 29-72

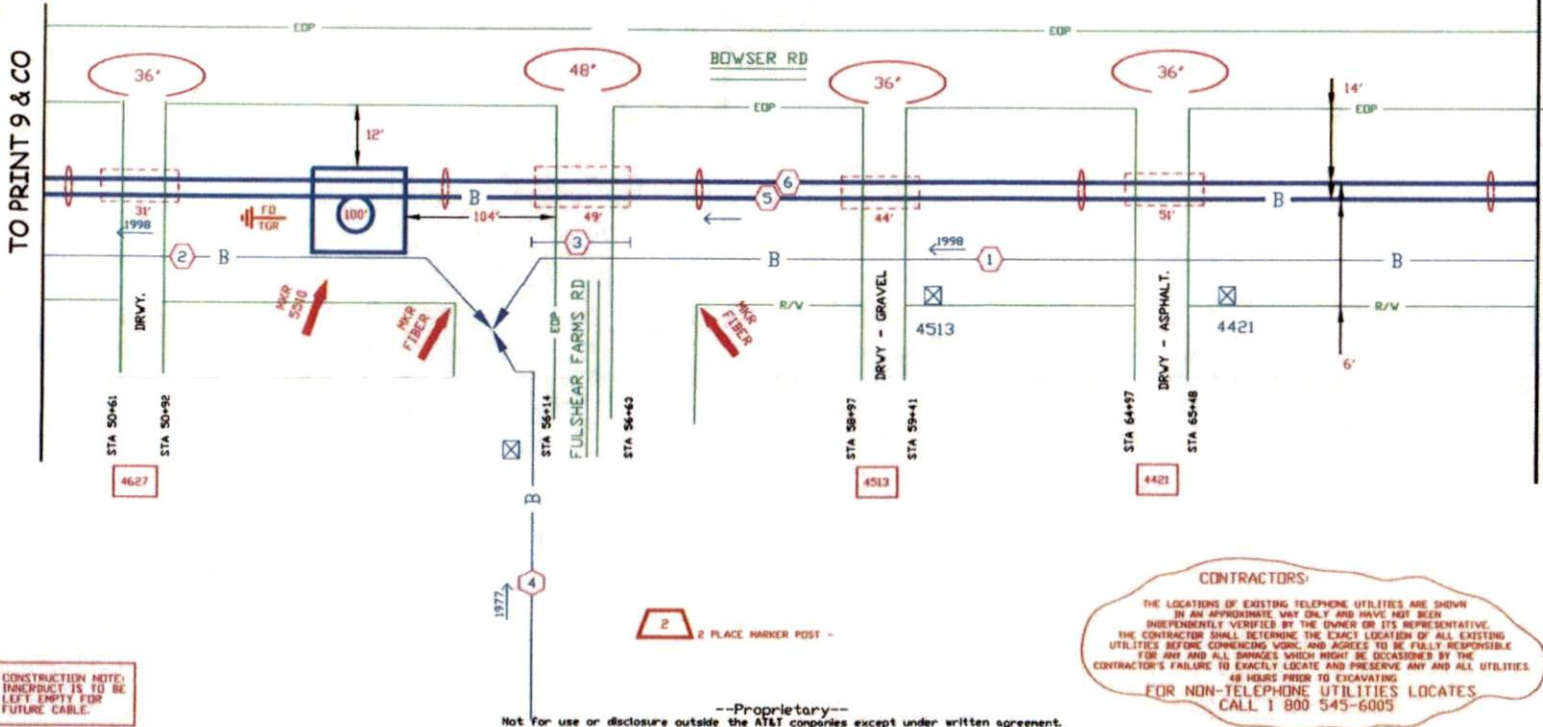
① HANDHOLE
1 EXHURT MATERIAL ONLY
1 PLACE HANDHOLE - NEW
1 PLACE GROUND FIELD
1 PLACE MARKER POST -

FH 5510
845C, FG009,
3 X 4 X 3 36 cu.ft.

FIBER DEPTH
36"

TO PRINT 9 & CO

TO PRINT 11



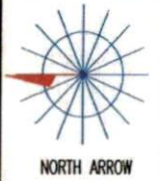
CONSTRUCTION NOTE:
INNERDUCT IS TO BE
LEFT EMPTY FOR
FUTURE CABLE.

② PLACE MARKER POST -

CONTRACTORS:
THE LOCATIONS OF EXISTING TELEPHONE UTILITIES ARE SHOWN
IN AN APPROXIMATE MANNER ONLY AND HAVE NOT BEEN
INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE.
THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING
UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE
FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE
CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
48 HOURS PRIOR TO EXCAVATING
FOR NON-TELEPHONE UTILITIES LOCATES
CALL 1 800 545-6005

--Proprietary--
Not For use or disclosure outside the AT&T companies except under written agreement.

SPECIAL
CIRCUITS N
6203
FORWARDED N
PERMIT
REQUIRED Y



OPERATING RANGE OF JOB STEPS
TASK 1 TO 2
MFRS 045C

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

CAUTION HIGH VOLTAGE
KV 12.50 AERIAL 1 BURIED 0

HIGHWAY PERMIT NO.

Utility CO CENT - CENTER POINT
REP NAME
REP TEL NO. (713) 207-2222
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+) 0 (-) 0

PROJECT NO A0040H1

TOT. PRINTS 23 PRINT NO. 10
NPA/NNX: 281-533 PRT: 281533
EXCH. VALLEY LODGE
TAX DIST. FG009
GEO. LOC. W89533
ENGR. CV DRAWN BH
TELEPHONE NO. (281) 341-4130
REC. REF. 210-285-61-2
MAP REF. 522 S
SCALE NONE
ISSUE DATE
PROJ. TITLE BB RT 1 FIB - VALLEY LODGE
REV. NUMBER
DATE REV.

FTTN DA YES NO

- 1 SPRINT-072
845C, 0
VL005, 61-88
C, 29-72
- 2 AFNW-900
2M1 2195, 1991
PG102, 901-1000
NPG102, 1-23
PG102, 1501-1550
B, 176-200
PG102, 251-400
PG102, 1351-1400
PG102, 1901-2100
C, 601-900
PG102, 1401-1500
- 3 ANNV-200
450, 0, 1998
5621B, 1-200
- 4 SBOZHT-024
845C, 0, 2009
VL003, 19-24
C, 7-24

5 - 1.25" - INNERDUCT

TO WOODED AREA
AND CELL SITE
SEE EVD 7409987

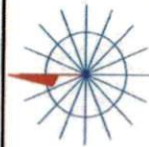
CONSTRUCTION NOTE:
INNERDUCT IS TO BE
LEFT EMPTY FOR
FUTURE CABLE.

CAUTION!
Unterminated optical connectors and active fibers may emit laser radiation. DO NOT VIEW with or without optical instruments or magnifiers.

CAUTION!
Request that all laser sources be disconnected from cable to be worked on. Check fibers on unterminated connectors with infrared scope to assure systems are inactive before splicing.

REMARKS: MINIMUM STATIC BENDING RADIUS IS 5"
Use Butt Splice Configuration.
Fusion Splicing to be done Outside this Manhole.

SPECIAL CIRCUITS N
6203 FORWARDED N
PERMIT REQUIRED Y



NORTH ARROW

OPERATING RANGE OF JOB STEPS
TASK 1 TO 51
MFC 045C

TRANSMISSION ZONE
RZ 0 CZ 0 TAPER CODE

CAUTION HIGH VOLTAGE
KV 12.50 AERIAL 1 BURIED 0
HIGHWAY PERMIT NO.

Utility CO CENT - CENTER POINT
REP NAME
REP TEL NO. (713) 207-2222
POLE CONTACTS (+)0 (-)0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+)0 (-)0

Utility CO
REP NAME
REP TEL NO.
POLE CONTACTS (+)0 (-)0

PROJECT NO A004QH1

TOT. PRINTS 23 PRINT NO. 11
NPA/NNX: 281-533 PRT: 281533

EXCH. VALLEY LODGE
TAX DIST. FG009

GEO LOC. W89533
ENGR. CV DRAWN DH

TELEPHONE NO. (979) 836-2186

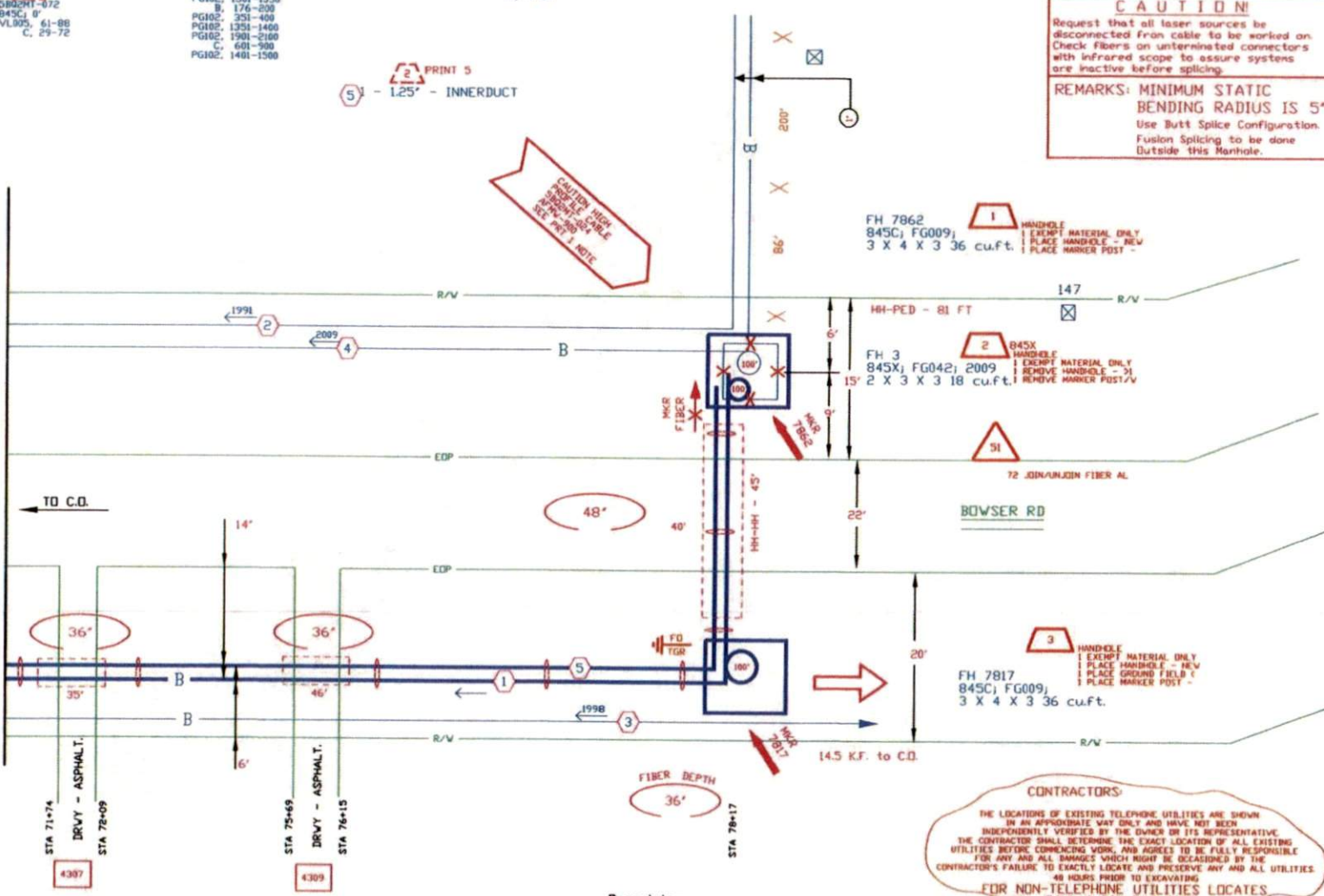
REC. REF. 210-280-68-1
MAP REF. 522 V

SCALE NONE

ISSUE DATE
PROJ TITLE BB RT 1 FIB - VALLEY LODGE

REV. NUMBER
DATE REV.

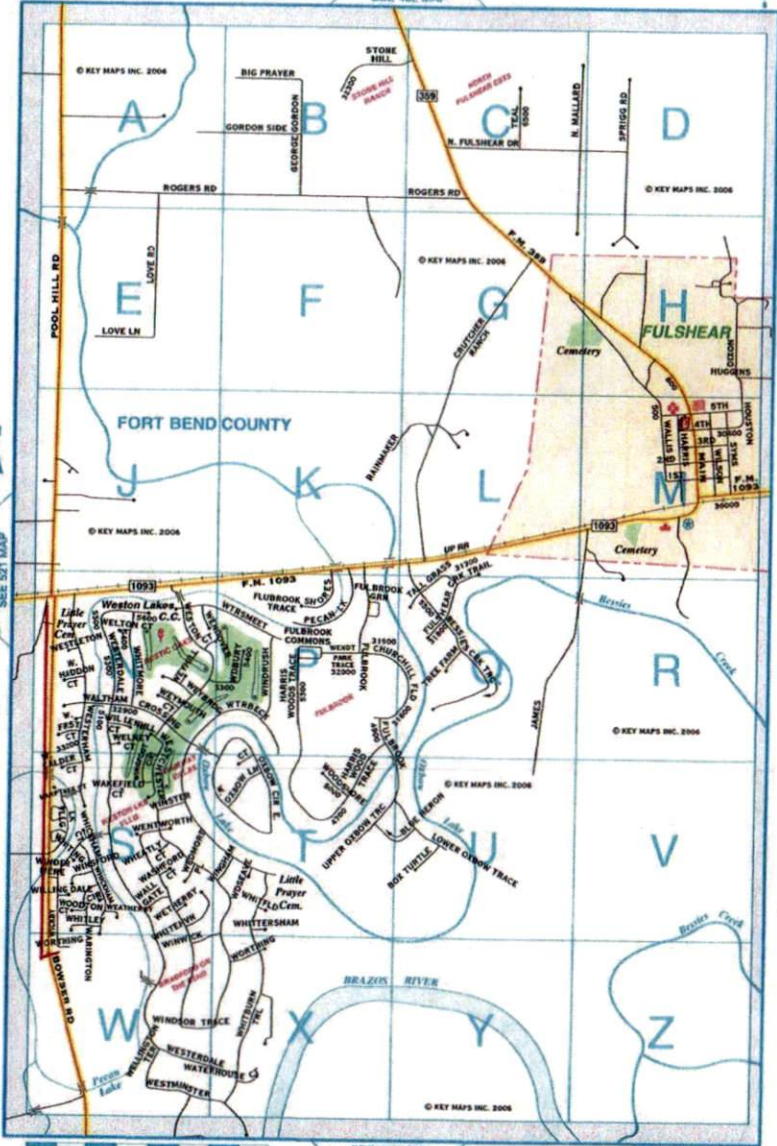
TO PRINT 10 & CO



CONTRACTORS:
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SEE 482 MAP



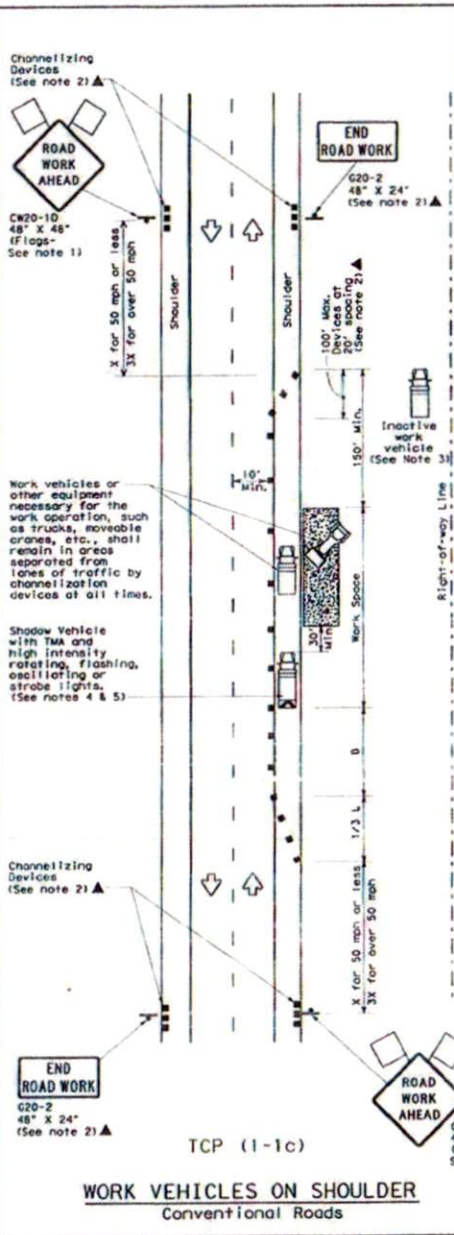
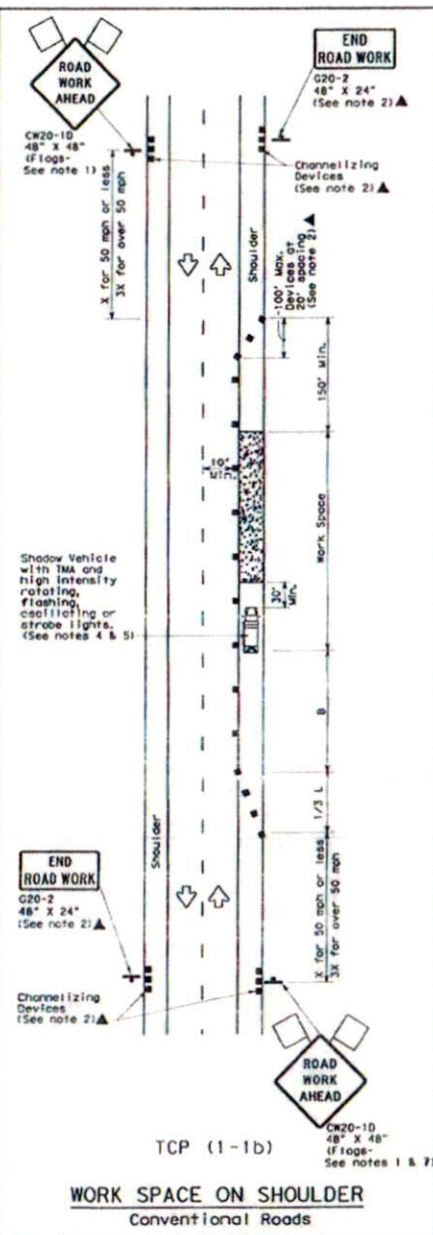
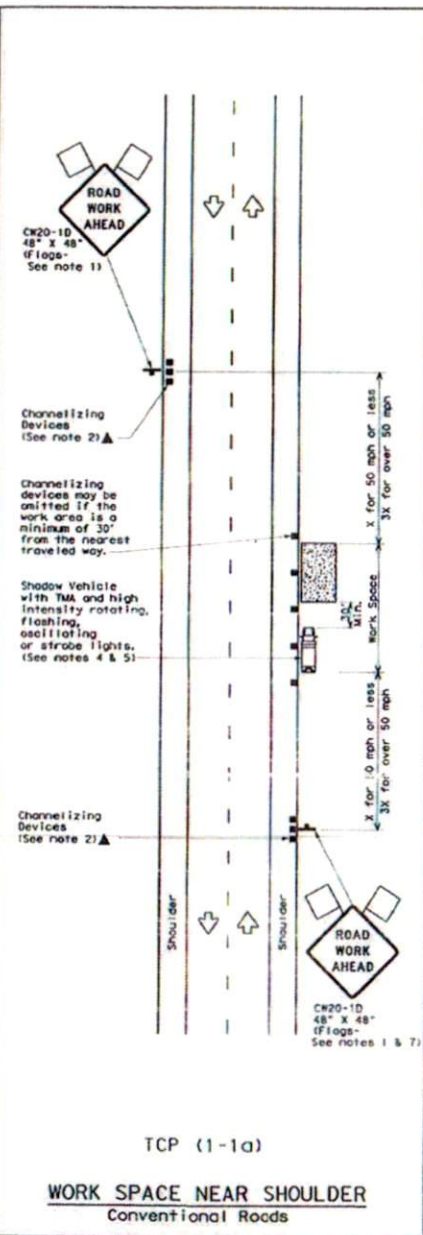
SEE 527 MAP
7817 FT
N

0 1/4 1/2 3/4 1 Mile

SEE 562 MAP

The use of this Standard is governed by the "Texas Engineering Practice Act", no warranty or any other statement of liability is made by the State of Texas or any other authority for the consequences or damages resulting from its use.

DATE: FILE:



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		Flagger

Posted Speed M	Formula	Minimum Desirable Taper Lengths X X			Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing "A"	Suggested Longitudinal Buffer Space "B"
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent		
30	L = $\frac{S^2}{60}$	150'	165'	180'	30'	60'	120'	90'
35		205'	225'	245'	35'	70'	160'	120'
40	L = $\frac{S^2}{45}$	265'	295'	320'	40'	80'	240'	155'
45		450'	495'	540'	45'	90'	320'	195'
50	L = $\frac{S^2}{30}$	500'	550'	600'	50'	100'	400'	240'
55		550'	605'	660'	55'	110'	500'	295'
60	L = $\frac{S^2}{15}$	600'	660'	720'	60'	120'	600'	350'
65		650'	715'	780'	65'	130'	700'	410'
70	L = $\frac{S^2}{10}$	700'	770'	840'	70'	140'	800'	475'
75		750'	825'	900'	75'	150'	900'	540'

X Conventional Roads Only
 XX Taper lengths have been rounded off.
 L=Length of Taper(FT) W=Width of Offset(FT) S=Posted Speed(MPH)

TYPICAL USAGE			
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	LONG TERM STATIONARY
	✓	✓	

- 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 stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
 - Inactive 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 the performance or quality of the work. 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 may be substituted for the Shadow Vehicle and TMA.
 - Additional Shadow Vehicles will be required to partition off the paved surface, next to those shown in order to protect wider work spaces.
 - See TCE-11 for shoulder work on divided highways, expressways and freeways.
 - CW21-5 "SHOULDER WORK" signs may be used in place of CW20-10 "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 GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.

Texas Department of Transportation
 Traffic Operations Division

TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK

TCP(1-1)-12

REV	DATE	BY	CHKD	APP'D	REASON
2-94	2-12				
8-95					
1-97					
4-98					