This is the revised ROW Application for Level 3's project 14675 Dallas Pkwy.

FOR ADDISON USE ONLY
Permit Number: W-1072
Location: 14675 Dallas Pkwy

TION
rmit -FRANCHISE
Cut/Excavation/Lane Closure)

PLEASE PRI
Date of Applic

Facility Owner _____ Company Phone #: 214.764.2521
Utility/CTP Representative: Craig Burns Cell Phone #: 214.435.3298
Utility/CTP Representative E-Mail: craig.burns@level3.com/charles@tgainc.net
General Contractor: Future Telecom Company Phone #: 972.329.6400
Site Supervisor Name: Ricky Riggs 24-hour phone #: 972.877.9408
Contractor E-Mail address: ricky@futuretelco.com Site Foreman E-Mail: _____
Work Site Address and Location: 14675 Dallas Pkwy
Purpose and general description of work: Contractor to place 3-1.25" HDPE w/48F cable on Dallas Pkwy Service Rd (#16393)
Proposed Start Work Date: February 20, 2017 Estimated Completion Date: July 10, 2017
Pavement Cut? ☐Yes ☒No Directional Bore/Boring? ☒Yes ☐No
Excavation? ☐Yes ☒No Lane Closure? ☒Yes ☐No Other: _____? ☐Yes ☐No

Craig Burns		Project Manager
Applicant's Printed Name	Signature	Position with Company

Applicant's Email: craig.burns@level3.com/charles@tgainc.net Applicant's Phone Number: 214.435.3298

Don Hurla	214.764.2517	Level 3 Communications
Direct Supervisor's Printed Name	Phone Number	Company Name

Supervisor's E-Mail: _____

FOR ADDISON USE ONLY
Received By: Nicole Simpson Entered? ☐Yes Received Date: 2-21-17
Approved By: [signature] Inspector: DE/DW Issue Date: 2/27/17
Plans Submitted? ☑Yes ☐No ☐N/A Traffic Control Plan Submitted? ☒Yes ☐No ☐N/A Expiration Date: 3/8/17
Insurance Provided? ☐Yes ☐No ☑On File Performance/Maintenance Bond? ☐Yes ☐No ☐On File ☑N/A
Fee Paid: NA Receipt#: CTP Date: 3-03-17 Processed By: Nicole S.
Picked Up By: James Scarber Company: Future Telecom Date & Time: 3/3/17 8:08 AM

TOWN OF ADDISON INFRASTRUCTURE AND DEVELOPMENT SERVICES
DEPARTMENT ATTN.: RIGHT OF WAY PERMIT - DAVE WILDE 972-450-2847
16801 WESTGROVE RD. ADDISON, TX 75001-9010
PHONE: 972-450-2871 FAX: 972-450-2837

ADDRESS: 14675 DALLAS PARKWAY, ADDISON, TEXAS
PROJECT NAME: NXXXXXX

SITE LOCATION

CONTACTS

CONTACT INFO

LEVEL(3) COMMUNICATIONS SR. MANAGER, FIELD OPERATIONS 1950 NORTH STEMMONS FRWY. SUITE 6060 DALLAS, TX. 75204	DON HURLA OFFICE: (214) 764-2517
OSP ENGINEER:	CRAIG BURNS OFFICE: (214) 764-2521 CELL: (214) 435-3298
CONSTRUCTION CONTRACTOR:	
ENGINEERING CONTRACTOR: TECH GROUP & ASSOCIATES 924 WINDBELL CIRCLE, MESQUITE, TX 75149 ENGINEERING CONTRACT:	CHARLES MARTINEZ OFFICE: (972) 613-0981 CELL: (214) 317-5462
UTILITIES: TEXAS ONE CALL SYSTEM	1-800-245-4545
CITY OF RICHARDSON	OFFICE:(972) 744-4220

SITE INDEX

SCOPE OF WORK:

NORTH LATERAL:
BEGINNING AT EXISTING LEVEL3 MANHOLE, PULL 48 FIBER CABLE WEST TOWARDS THE END OF THE SIDEWALK, INTERCEPT EXISTING CONDUIT WITH PROPOSED LEVEL(3) HANDHOLE. PLACE 3-1.25" H.D.P.E WITH 48 FIBER CABLE SOUTHWARD TO FLOWERBED AREA. INTERCEPT EXISTING CONDUIT WITH 48 FIBER CABLE AND BEGIN PULL THRU TO BUILDING.

SOUTH LATERAL:
BEGINNING AT EXISTING LEVEL(3) HANDHOLE, PULL 48 FIBER CABLE SOUTHWARD TOWARDS EXISTING HANDHOLE, CONNECT AND PLACE 3-1.25 H.D.P.E WITH 48 FIBER CABLE NORTHWEST TOWARDS BUILDING, AND INTERCEPT EXISTING CONDUIT WITH 48 FIBER CABLE IN FRONT OF BUILDING AND BEGIN PULL THRU AT THE SAME ENTRY POINT AS NORTH LATERAL

(#) SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET # FOR SITE PHOTOGRAPHS.

811 Know what's below. Call before you dig.

NO.	DATE	ENG DESIGN	DRAFTING	COMMENT
3				AS-BUILT
2				REVISION # 1
1				ORIGINAL

Level (3) COMMUNICATIONS

LEVEL 3 ENGINEER: CRAIG BURNS	
ENGINEERING FIRM: TECH GROUP	
PROJECT NUMBER: NXXXXXX	
LOCATION: 14675 DALLAS PARKWAY ADDISON, TEXAS	
DRAWING NAME: 16393.dwg	
CONFIDENTIAL/PROPRIETARY	SHEET: 1 OF 10

LEGEND

LINETYPES

- UG FIBER – EXISTING
- UG FIBER – PROPOSED
- AERIAL FIBER – EXISTING
- AERIAL FIBER – PROPOSED
- STRAND – EXISTING
- STRAND – PROPOSED
- CONDUIT – EXISTING
- CONDUIT – PROPOSED
- INNERDUCT – EXISTING
- INNERDUCT – PROPOSED
- GAS
- WATER
- TELEPHONE
- ELECTRIC
- SANITARY SEWER (SEW)
- STORM DRAIN
- FENCE
- CABLE TV
- STEAM
- OIL
- UNKNOWN UTILITY
- RIGHT OF WAY
- EDGE OF PAVEMENT

SYMBOL	DESCRIPTION
ASW	ASPHALT SIDEWALK
BIP	BLACK IRON PIPE
BSP	BLACK STEEL PIPE
CSW	CONCRETE SIDEWALK
EOP	EDGE OF PAVEMENT
EOTW	EDGE OF TRAVEL WAY
FOC	FACE OF CURB
HDPE	HIGH DENSITY POLYETHYLENE
HH	HANDHOLE
JB	JUNCTION BOX
MH	MANHOLE
MP	MILE POST
O/S	OFFSET
PVC	POLY VINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL CONDUIT
ROW	RIGHT OF WAY
STA.	STATION

- RISER
- TELEPHONE
- POWER VAULT
- CATCH BASIN/INLET
- FIRE HYDRANT
- GROUND/BOND
- STREET LIGHT
- TREE
- CULVERT
- WING LEAD
- BRIDGE
- MISC. UTILITY
- UTILITY POLE – EXISTING
- POLE – PROPOSED
- HANDHOLE – EXISTING
- HANDHOLE – PROPOSED
- MANHOLE – EXISTING
- MANHOLE – PROPOSED
- PULLBOX – EXISTING
- PULBOX – PROPOSED

- VAULT – EXISTING
- VAULT – PROPOSED
- AERIAL STORAGE – EXISTING
- AERIAL STORAGE – PROPOSED
- VAULT/BUILDING STORAGE – EXISTING
- VAULT/BUILDING STORAGE – PROPOSED
- POLE ANCHOR/DOWN GUY – EXISTING
- POLE ANCHOR/DOWN GUY – PROPOSED
- PROPOSED DOWN GUY ON EXISTING ANCHOR
- TERMINATION – EXISTING
- TERMINATION – PROPOSED
- BUILDING CALLOUT – PROPOSED
- SPLICE POINT – EXISTING
- SPLICE POINT – PROPOSED
- SEQUENTIAL CALLOUT
- SEQUENTIAL IN TAIL CALLOUT
- SEQUENTIAL TAIL OUT CALLOUT

- POLE ATTACHMENT CALLOUT – EXISTING
  USE DYNAMIC PULL DOWN TO SELECT
  FROM 1 TO 6 ATTACHMENTS
- POLE ATTACHMENT CALLOUT – PROPOSED
  USE DYNAMIC PULL DOWN TO SELECT
  FROM 1 TO 6 ATTACHMENTS
- CABLE SPAN CALLOUT – EXISTING
  FOR USE ON PAPER SPACE (SHOWN AT 50X)
- CABLE SPAN CALLOUT – PROPOSED
  FOR USE ON PAPER SPACE (SHOWN AT 50X)
- CONDUIT CALLOUT – EXISTING
  FOR USE ON PAPER SPACE (SHOWN AT 50X)
  WITH OR WITHOUT INNER DUCT INFO
- CONDUIT CALLOUT – PROPOSED
  FOR USE ON PAPER SPACE (SHOWN AT 50X)
  WITH OR WITHOUT INNER DUCT INFO
- STRAND CALLOUT – EXISTING
  FOR USE ON PAPER SPACE (SHOWN AT 50X)
- STRAND CALLOUT – PROPOSED
  FOR USE ON PAPER SPACE (SHOWN AT 50X)

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1				ORIGINAL

LEVEL 3 ENGINEER: CRAIG BURNS
ENGINEERING FIRM: TECH GROUP
PROJECT NUMBER: NXXXXXX
LOCATION: 14675 DALLAS PARKWAY
ADDISON, TEXAS
DRAWING NAME: 16393.dwg

CONFIDENTIAL/PROPRIETARY

GENERAL NOTES

1. Contractor must obtain locates prior to disturbing the ground.
2. Contractor must have a copy of the approved permit from the appropriate agency on the jobsite at all times.
3. All cable will be placed at standard minimum depth. (Level 3 standard is 36" deep unless otherwise directed by a Level 3 representative.)
4. Any landscaping will be replaced to equal or better than that which existed prior to work.
5. Project site will be properly secured prior to the end of each day.
6. All work is to be in accordance with all authorities having jurisdiction in the work zone.
7. Contractors are advised to contact Level 3 for any additional information or clarification concerning scope of work or the requirements necessary for project completion.
8. Contractor is responsible to field verify all dimensions, quantities and existing conditions prior to construction. If a significant change to the running line is needed, please contact your Level 3 representative before proceeding.
9. Before construction begins, contractor shall take appropriate precautions to avoid any potential obstructions prior to proceeding with work.
10. No construction on private property will commence until approval is given by the appropriate Level 3 employee.
11. Contractor shall not proceed with work until they have received a Purchase Order and have been directed to do so by an authorized Level 3 representative.
12. Contractor shall not exceed the Purchase Order value without authorization in writing from the appropriate Level 3 representative.
13. As-Builts will be required for each project including cable footage sequentials at every access point, slack loop, splice location, pole and termination point. Contractor should also provide notes of all changes in depths, running lines, mh/hh locations, and any other applicable notes to depict the work that took place. NOTE: All major changes need to be pre-approved by an authorized Level 3 employee prior to starting the work.
14.

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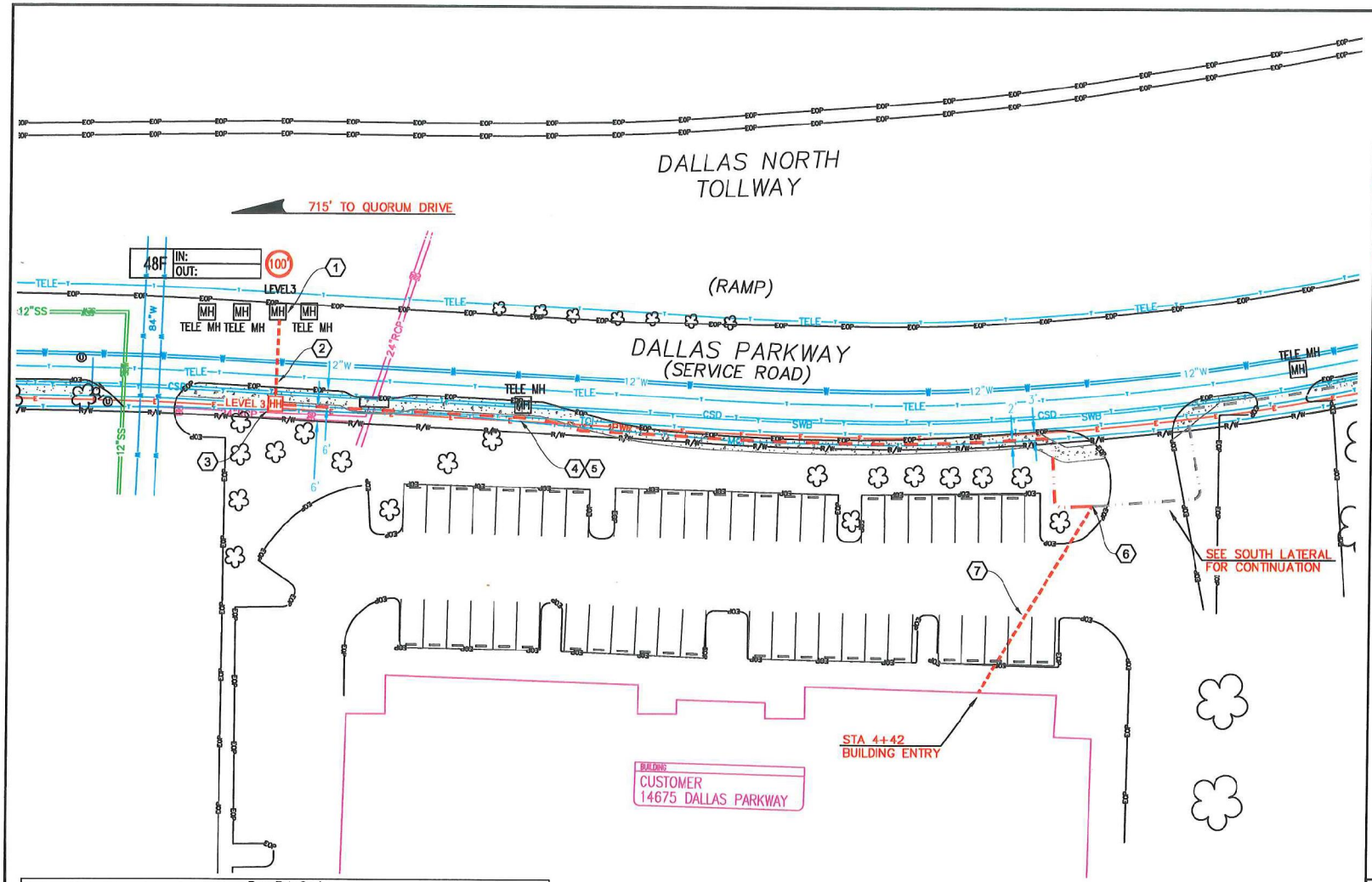
1				ORIGINAL

Level (3) COMMUNICATIONS

LEVEL 3 ENGINEER: CRAIG BURNS
ENGINEERING FIRM: TECH GROUP
PROJECT NUMBER: NXXXXXX
LOCATION: 14675 DALLAS PARKWAY
ADDISON, TEXAS
DRAWING NAME: 16393.dwg

CONFIDENTIAL/PROPRIETARY SHEET: 3 OF 10



CONSTRUCTION NOTES

1. EXISTING LEVEL(3) MANHOLE INCLUDE 100' SLACK COIL
2. CABLE FIBERS: 1-48
   CABLE OWNER: LEVEL(3)
   CABLE LENGTH: 130'
   NOTES: INCLUDES SLACK
3. CONTRACTOR TO LOCATE AND INTERCEPT EXISTING CONDUIT WITH PROPOSED LEVEL 3 HANDHOLE
4. CONDUIT OWNER: LEVEL(3)
   CONDUIT LENGTH: 330'
   CONDUIT QTY: 3
   CONDUIT SIZE: 1.25"
   CONDUIT TYPE: H.D.P.E.
   NOTES:
5. CABLE FIBERS: 1-48
   CABLE OWNER: LEVEL(3)
   CABLE LENGTH: 330'
   NOTES:
6. CONTRACTOR TO LOCATE AND INTERCEPT EXISTING LEVEL3 CONDUIT WITH 48 FIBER CABLE
7. CABLE FIBERS: 1-48
   CABLE OWNER: LEVEL(3)
   CABLE LENGTH: 82'
   NOTES:

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Page Rate Card			
Unit Code & Description	Units	Estimated Quantity	Actual Quantity
UGB-30960 – Place up to 288 count FOC in conduit, up to 1500'	FOOT	30	
UGB-31280 – Place New – 30"x60"x36" – Non-concrete Manhole / Handhole	EACH	1	
UGB-30020 – Trench up to 1500': Trench 48" minimum cover	FOOT	330	
UGB-30080 – Trench Rock ADDER	FOOT	330	
UGB-30160 – Place 3 – HDPE conduits in open trench up to 2" (on one reel)	FOOT	330	
UGB-30820 – Rod & Proof Existing Conduit	FOOT	330	
UGB-30830 – Place Locate Wire in Existing Conduit	FOOT	330	
UGB-30940-C Intercept Conduit: Wye Cast 4" – CBD	EACH	1	
UGB-30960 – Place up to 288 count FOC in conduit, up to 1500'	FOOT	212	

NOTE
UTILITY & R.O.W. REPRESENTED ON PLANS ARE BASED ON RECORDS NOT ON BOUNDARY SURVEY & FIELD EXPOSURES

CAUTION:
CONTRACTOR TO LOCATE & VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION

811 Know what's below. Call before you dig.

0 10' 20' 30' 40'
SCALE: 1"=40'

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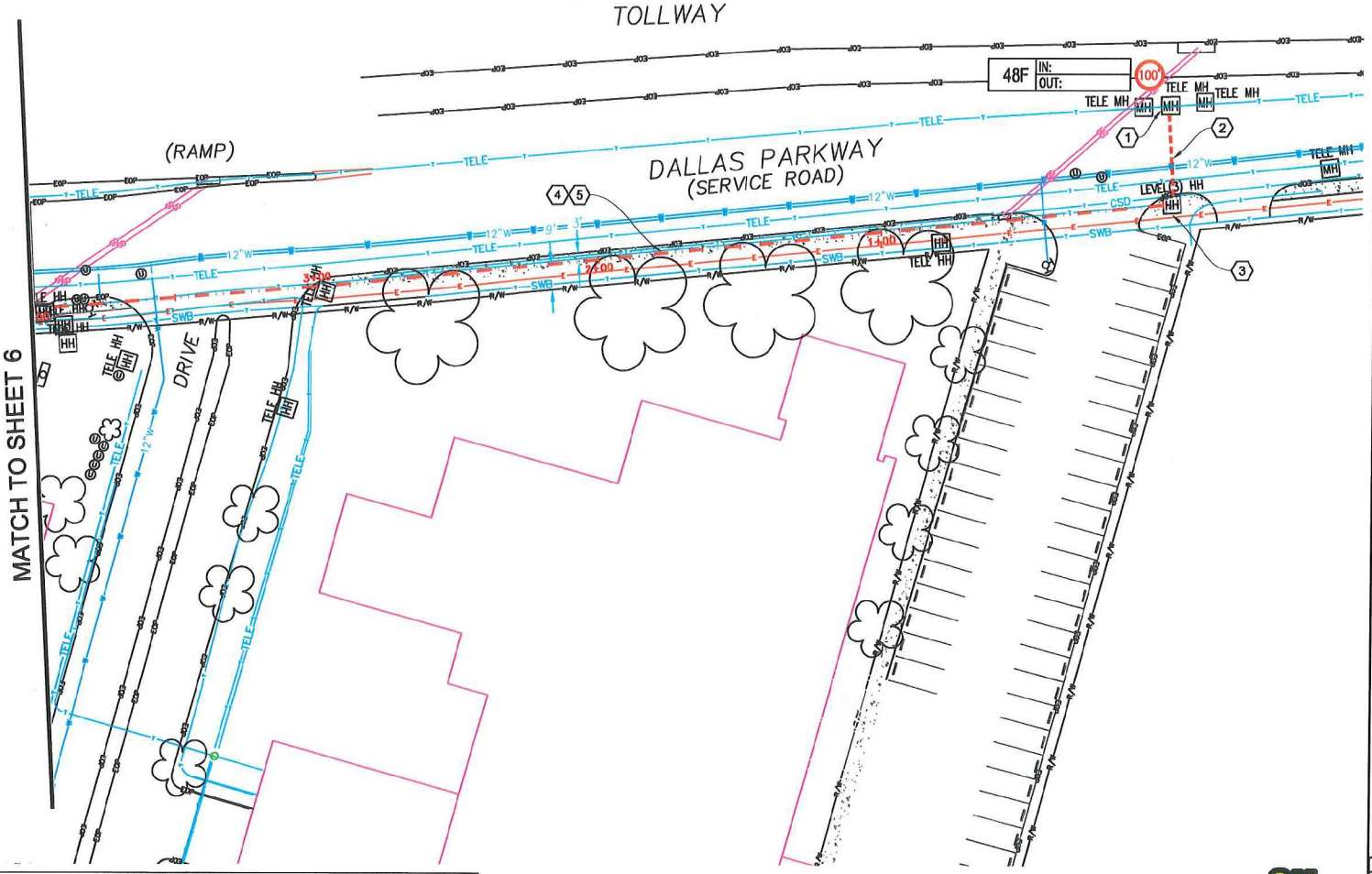
2				REVISION # 1
1				ORIGINAL

Level (3) COMMUNICATIONS

LEVEL 3 ENGINEER: CRAIG BURNS
ENGINEERING FIRM: TECH GROUP
PROJECT NUMBER: NXXXXXXX
LOCATION: 14675 DALLAS PARKWAY ADDISON, TEXAS
DRAWING NAME: 16393.dwg

CONFIDENTIAL/PROPRIETARY SHEET: 4 OF 10

C:\Land Projects\NEED TO SAVE (ANGELOY)\16393_(14675 Dallas Pkwy, Addison - Level3)\16393.dwg, 2/20/2017 11:09:03 AM, KONICA MINOLTA C360SeriesPS, Soledad Guerrero



CONSTRUCTION NOTES

1. EXISTING LEVEL(3) MANHOLE INCLUDE 100' SLACK COIL
2. CABLE FIBERS: 1-48
   CABLE OWNER: LEVEL(3)
   CABLE LENGTH: 130'
   NOTES: INCLUDES SLACK
3. CONTRACTOR TO LOCATE AND CONNECT TO EXISTING LEVEL(3) HANDHOLE INCLUDE 100' SLACK COIL
4. CONDUIT OWNER: LEVEL(3)
   CONDUIT LENGTH: 400'
   CONDUIT QTY: 3
   CONDUIT SIZE: 1.25"
   CONDUIT TYPE: H.D.P.E.
   NOTES:
5. CABLE FIBERS: 1-48
   CABLE OWNER: LEVEL(3)
   CABLE LENGTH: 400
   NOTES:

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Page Rate Card

Unit Code & Description	Units	Estimated Quantity	Actual Quantity
UGB-30950 – Place up to 288 count FOC in conduit, up to 1500'	FOOT	130	
UGB-30020 – Trench up to 1500': Trench 48" minimum cover	FOOT	400	
UGB-30080 – Trench Rock ADDER	FOOT	400	
UGB-30160 – Place 3 – HDPE conduits in open trench up to 2" (on one reel)	FOOT	400	
UGB-30820 – Rod & Proof Existing Conduit	FOOT	400	
UGB-30830 – Place Locate Wire in Existing Conduit	FOOT	400	

NOTE
UTILITY & R.O.W. REPRESENTED ON PLANS ARE BASED ON RECORDS NOT ON BOUNDARY SURVEY & FIELD EXPOSURES.

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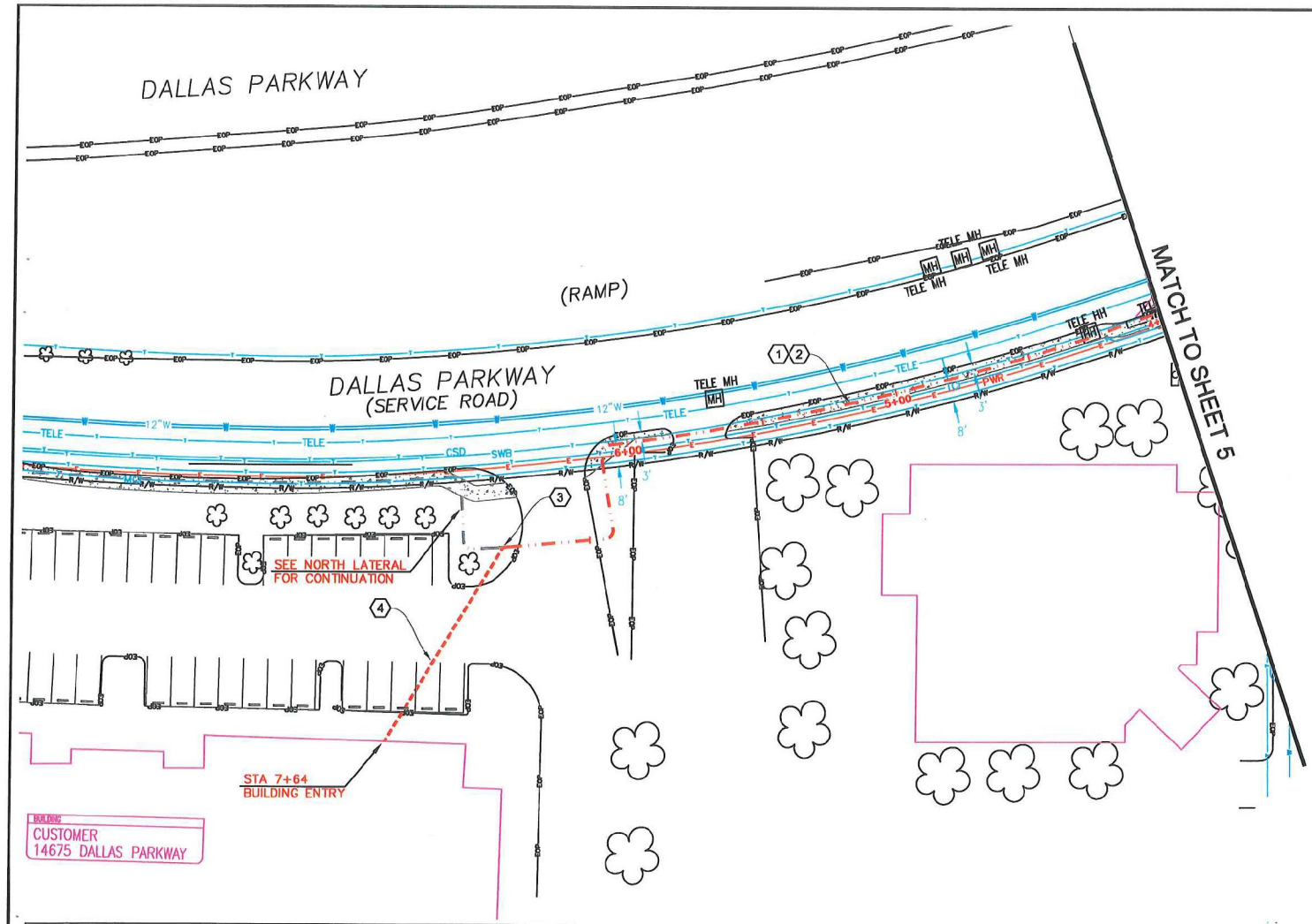
2				REVISION # 1
1				ORIGINAL

Level (3) COMMUNICATIONS

LEVEL 3 ENGINEER: CRAIG BURNS
ENGINEERING FIRM: TECH GROUP
PROJECT NUMBER: NXXXXXX
LOCATION: 14675 DALLAS PARKWAY
ADDISON, TEXAS
DRAWING NAME: 16393.dwg

CONFIDENTIAL/PROPRIETARY SHEET: 5 OF 10

C:\Land Projects\NEED TO SAVE (ANGELO)\16393_D\14675 Dallas Pkwy, Addison - Level3\16393.dwg, 2/20/2017 11:09:13 AM, KONICA MINOLTA C360SeriesPS, Soledad Guerrero



CONSTRUCTION NOTES

1. CONDUIT OWNER: LEVEL(3)
   CONDUIT LENGTH: 282'
   CONDUIT QTY: 3
   CONDUIT SIZE: 1.25"
   CONDUIT TYPE: H.D.P.E.
   NOTES:
2. CABLE FIBERS: 1-48
   CABLE OWNER: LEVEL(3)
   CABLE LENGTH: 282'
   NOTES:
3. CONTRACTOR TO LOCATE AND INTERCEPT EXISTING LEVEL3 CONDUIT WITH 48 FIBER CABLE
4. CABLE FIBERS: 1-48
   CABLE OWNER: LEVEL(3)
   CABLE LENGTH: 82'
   NOTES:

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Page Rate Card			
Unit Code & Description	Units	Estimated Quantity	Actual Quantity
UGB-30020 – Trench up to 1500': Trench 48" minimum cover	FOOT	282	
UGB-30080 – Trench Rock ADDER	FOOT	282	
UGB-30160 – Place 3 – HDPE conduits in open trench up to 2" (on one reel)	FOOT	282	
UGB-30820 – Rod & Proof Existing Conduit	FOOT	282	
UGB-30830 – Place Locate Wire in Existing Conduit	FOOT	282	
UGB-30940-C Intercept Conduit: Wye Cast 4" – CBD	EACH	1	
UGB-30960 – Place up to 288 count FOC in conduit, up to 1500'	FOOT	82	

NOTE
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LEVEL 3 ENGINEER: CRAIG BURNS
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PROJECT NUMBER: NXXXXXX
LOCATION: 14675 DALLAS PARKWAY
ADDISON, TEXAS
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CONFIDENTIAL/PROPRIETARY SHEET: 6 OF 10

C:\Land Projects\NEED TO SAVE (ANGELO)\16393_(14675 Dallas Pkwy, Addison - Level3)\16393.dwg, 2/20/2017 11:09:23 AM, KONICA MINOLTA C360SeriesPS, Soledad Guerrero

Total Underground Rate Card			
Unit Code & Description	Units	Estimated Quantity	Actual Quantity
UGB-30020 – Trench up to 1500': Trench 48" minimum cover	FOOT	1,012	
UGB-30080 – Trench Rock ADDER	FOOT	1,012	
UGB-30160 – Place 3 – HDPE conduits in open trench up to 2" (on one reel)	FOOT	1,012	
UGB-30820 – Rod & Proof Existing Conduit	FOOT	1,012	
UGB-30830 – Place Locate Wire in Existing Conduit	FOOT	1,012	
UGB-30940-C Intercept Conduit: Wye Cast 4" – CBD	EACH	2	
UGB-30960 – Place up to 288 count FOC in conduit, up to 1500'	FOOT	424	
UGB-31280 – Place New – 30"x60"x36" – Non-concrete Manhole / Handhole	EACH	1	

Total Inside Plant (ISP) Rate Card			
Unit Code & Description	Units	Estimated Quantity	Actual Quantity
ISP-40170 – Risers and Runs: Place 1.25" Plenum innerduct	FT	95'	
ISP-40660 – Place Fiber Cable in innerduct	FT	145'	

Total Material Rate Card			
Unit Code & Description	Units	Estimated Quantity	Actual Quantity
UGB-30020 – Trench up to 1500': Trench 48" minimum cover	FOOT	1,012	
UGB-30080 – Trench Rock ADDER	FOOT	1,012	
UGB-30160 – Place 3 – HDPE conduits in open trench up to 2" (on one reel)	FOOT	1,012	
UGB-30820 – Rod & Proof Existing Conduit	FOOT	1,012	
UGB-30830 – Place Locate Wire in Existing Conduit	FOOT	1,012	
UGB-30940-C Intercept Conduit: Wye Cast 4" – CBD	EACH	2	
UGB-30960 – Place up to 288 count FOC in conduit, up to 1500'	FOOT	424	
UGB-31280 – Place New – 30"x60"x36" – Non-concrete Manhole / Handhole	EACH	1	
ISP-40170 – Risers and Runs: Place 1.25" Plenum innerduct	FT	95'	
ISP-40660 – Place Fiber Cable in innerduct	FT	145'	

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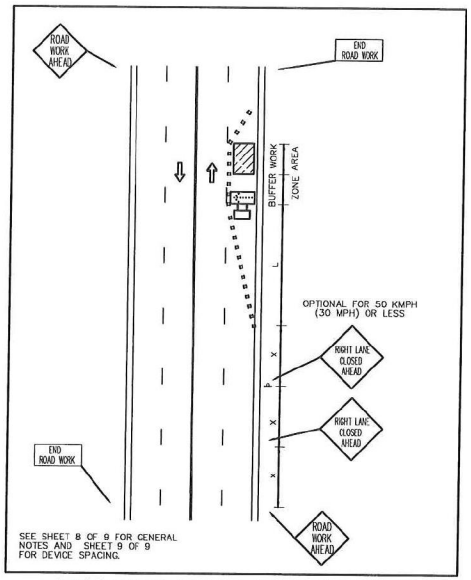
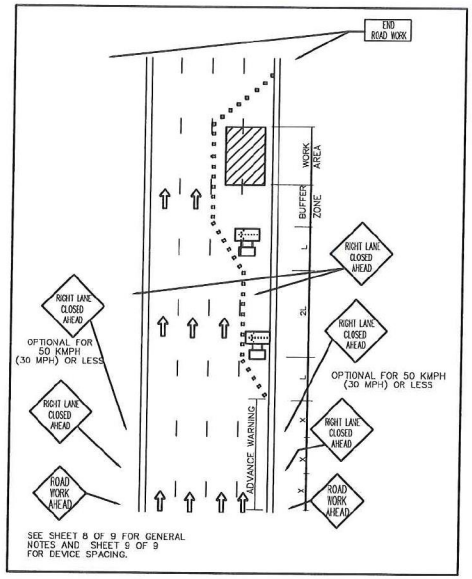
CONFIDENTIAL/PROPRIETARY

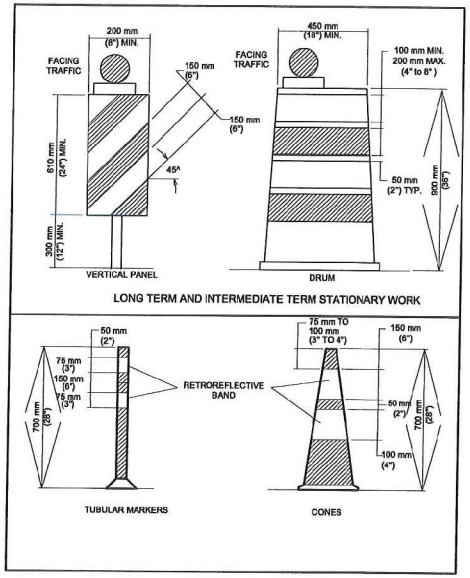
TYPICALS



ARTERIAL ONE LANE CLOSURE



ONE WAY ARTERIAL TWO-LANE CLOSURE



CHANNELIZING DEVICES

Typical Transition Lengths and Suggested Maximum Spacing of Devices

Speed KMPH	Posted Speed MPH	Formula	Minimum Desirable Taper Lengths (L) Meters (Feet) 3.0(10) Offset Meters (feet)	3.3(11) Offset Meters (feet)	3.6(12) Offset Meters (feet)	Suggested Max. Device Spacing On a taper Meters (feet)	On a tangent Meters (feet)	Suggested Sign Spacing Meters (Feet) "X" Dimension
50	30	L=WS²/60	45 (150)	50 (165)	55 (180)	9 (30)	15–20 (60–75)	40 (120)
55	35		65 (205)	70 (225)	75 (245)	10 (35)	25–25 (70–90)	50 (160)
65	40		80 (265)	90 (295)	100 (320)	12 (40)	25–30 (80–100)	75 (240)
70	45	L=WS	135 (450)	150 (495)	165 (540)	13 (45)	25–30 (90–110)	100 (320)
80	50		150 (500)	165 (550)	180 (600)	15 (50)	30–35 (100–125)	120 (400)
90	55		165 (550)	185 (605)	200 (660)	16 (55)	35–40 (110–140)	150 (500)
95	60		180 (600)	200 (660)	220 (720)	18 (60)	40–45 (120–150)	180 (600)
105	65		195 (650)	215 (715)	235 (780)	19 (65)	40–50 (130–165)	210 (700)
115	70		215 (700)	235 (770)	255 (840)	21 (70)	45–55 (140–175)	240 (800)

LEGEND

- Channelizing devices
- Trailer mounted flashing arrow board
- Flagger

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ENGINEERING FIRM: TECH GROUP
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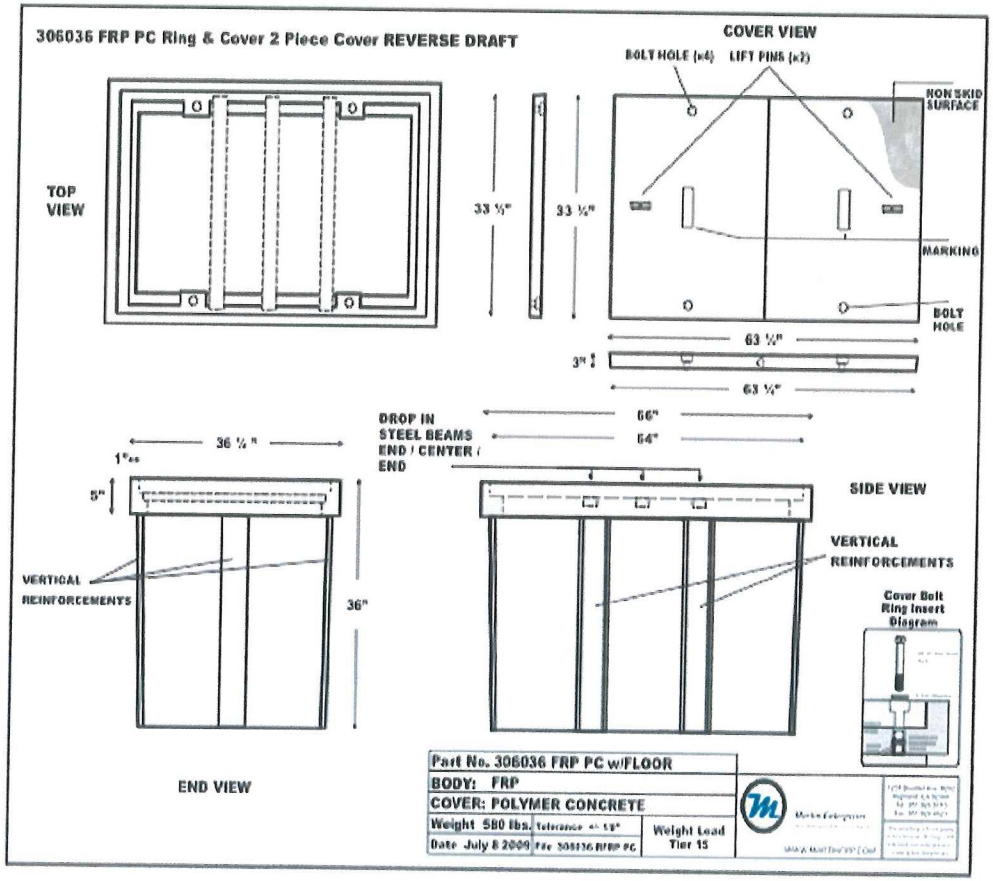
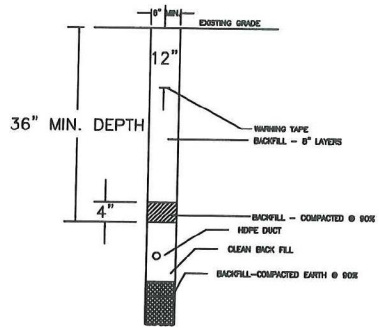
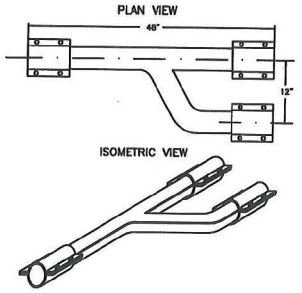
TYPICALS





TYPICAL DETAIL – #2
TRENCH IN SOIL (NON TRAFFIC AREAS)

TYPICAL DETAIL – #3
PLACE SPLIT BSP BRANCH WYE E/W COUPLINGS



Know what's below. Call before you dig.

1 SYMBOL CORRESPONDS TO PHOTO LOCATIONS AND ORIENTATION. SEE SHEET # FOR SITE PHOTOGRAPHS.

NO.	DATE	ENG DESIGN	DRAFTING	COMMENT
3				AS–BUILT
2				REVISION # 1
1				ORIGINAL

Level 3 COMMUNICATIONS

LEVEL 3 ENGINEER:	CRAIG BURNS
ENGINEERING FIRM:	TECH GROUP
PROJECT NUMBER:	NXXXXXX
LOCATION:	14675 DALLAS PARKWAY ADDISON, TEXAS
DRAWING NAME:	16393.dwg

CONFIDENTIAL/PROPRIETARY