$267 50

BLOCK

CODE

CHECKED

ENTERED

EDITED

Dan Nolte

REGISTER OF DEEDS

2001 NOV 16 A 9:44

LANCASTER COUNTY, NE

INST. NO 2001

067989

GRANTEE COUNTERPART

(Lancaster County, Nebraska)

C.D. No. 54775-8
Audit No. 154693

PERPETUAL EASEMENT DEED

THIS EASEMENT DEED, made as of the 24th day of August, 2001, by UNION PACIFIC RAILROAD COMPANY, a Delaware corporation, whose mailing address is 1416 Dodge Street, Omaha, Nebraska 68179 ("Grantor"), to MCI WORLDCOM NETWORK SERVICES, INC. (formerly MCI Telecommunications Corporation), a Delaware corporation, whose mailing address is 2270 Lakeside Blvd., Richardson, Texas 75082 ("Grantee")

WITNESSETH:

WHEREAS, Grantor and Grantee have entered into an Agreement dated as of March 11, 1985, and an Amendment To And Restatement Of Agreement dated as of August 28, 1989 (said agreements, as the same have been and may hereafter be amended and restated from time to time, hereinafter, collectively, the "Agreements"), whereby Grantor has granted to Grantee the right to construct, operate and maintain a Fiber System (hereinafter defined on certain property of Grantor included within its main line railroad right-of-way located in Lancaster County, Nebraska (hereinafter, the "Right-of-Way"), under the terms, provisions, and conditions contained in the Agreements, one of which is that Grantor shall grant to Grantee a perpetual easement in the form of this deed.

NOW, THEREFORE, for and in consideration of Ten Dollars ($10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, Grantor by these presents does hereby grant to Grantee a PERPETUAL EASEMENT located within the Right-of-Way as described on sheets 21 to 66 of Exhibit A attached hereto and made a part hereof, to construct, reconstruct, rebuild, reinstall, operate and maintain the fiber optic communications system ("Fiber System"), together with reasonable ingress and egress to and from the location of the Fiber System for the purpose of constructing, reconstructing, rebuilding, reinstalling, operating and maintaining the Fiber System. The Fiber System Cable is marked by markers or signs placed on the surface above the buried fiber optic cable approximately every 500 feet and by a buried tape placed approximately one foot above the Fiber System cable, such markers and tape being inscribed with the letters "MCI".

The Fiber System is or shall be located (or relocated pursuant to Section 12 of the Fiber Optic Agreement) only within and under, on, over and across that portion of the Right-of-Way as shall have been or shall hereafter be approved by Grantor in accordance with the terms and conditions of the Agreement.

Rick Moyer
WorldCom
Acq Manager

Except as hereinafter provided, in the event of a relocation pursuant to Section 12 of the Agreement of all or any portion of the Fiber System to any alternate location within Grantor's Right-of-Way, Grantor shall, after such relocation is effected, execute a Perpetual Easement Deed in a form similar to this Deed for such relocated Fiber System. In the event the relocation is required by Grantor, the rights granted for the relocated Fiber System shall, to the extent possible, be (1) equivalent in all respects to the rights granted herein, and (2) superior to any rights or interests granted subsequent to the date hereof. If the relocation is at the request of Grantee, Grantor shall, if such a location is reasonably available within Grantor's Right-of-Way, permit Grantee to relocate the Fiber System so that it shall be equivalent in all respects to the rights granted herein, except that it shall be subordinate to any rights or interests granted subsequent to the date hereof.

SUBJECT TO and RESERVING unto the Grantor, its successors and assigns, the following:

a. The foregoing grants are made without convenant of title or for quiet enjoyment and without warranty of title express or implied, and are subject and subordinate to outstanding or superior rights;

b. The foregoing grants are also subject and subordinate to the prior and continuing right and obligation of Grantor to use and maintain its entire property in the performance of its public duty as a common carrier and are also subject to the right and power of Grantor to construct, maintain, repair, renew, use, operate, change, modify or relocate railroad tracks, signal, communication or other wire or fiber lines, pipe lines and other facilities upon, along or across any or all parts of the Grantor's property, or permit others to do so for Grantor, all or any of which may be freely done at any time or times by Grantor or others with its permission without liability to Grantee or to any other party for compensation or damages, unless and except to the extent that the foregoing Agreement otherwise expressly provides;

c. The foregoing grants are non-exclusive and Grantor reserves the right to agree to other non-exclusive occupations of the easement area by one or more other person(s); PROVIDED, HOWEVER, that any such subsequent occupancies or agreements for such occupancies shall be subordinate to the rights granted herein to Grantee if Grantee has not relocated therefrom; and

d. The foregoing grants are also subject to all other terms, provisions and conditions contained in the aforesaid Agreement.

Grantor acknowledges and agrees that the Fiber System, including all movables and immovables, and all component parts thereof (and including, without limitation, those parts described in Exhibit B annexed hereto and made a part hereof), shall at all times be and remain personal property regardless of whether the same is permanently attached to the ground, and regardless of the manner or mode of

installation thereof; and the installation thereof shall not affect Grantee's (or its successors' or assigns') title thereto.

IN WITNESS WHEREOF, the Grantor has caused these presents to be signed by its Vice President – Law and attested by its Assistant Secretary and its corporate seal to be hereunto affixed as of the day and year first herein written.

UNION PACIFIC RAILROAD COMPANY

By: James U Dolan
Title: Vice President - Law

Attest:

Assistant Secretary

ACKNOWLEDGMENT

STATE OF NEBRASKA)
) ss:
COUNTY OF DOUGLAS)

The foregoing instrument was acknowledged on this 29th day of August, 2001, before me, a Notary Public, duly commissioned, qualified and acting, within and for the said county and state, by JAMES V. DOLAN, to me personally known, who stated that he had signed, executed and delivered said foregoing instrument for the consideration, uses and purposes therein mentioned and set forth.

Sheryl L. Alvey
Notary Public

My Commission expires:

GENERAL NOTARY-State of Nebraska
SHERYL L. ALVEY
My Comm. Exp. Oct. 28, 2002

EXHIBIT "B" TO PERPETUAL EASEMENT DEED
MADE BY UNION PACIFIC RAILROAD COMPANY,
AS GRANTOR, TO MCI WORLDCOM NETWORK SERVICES, INC.,
AS GRANTEE

The Fiber System includes, without limitation, all fiber optic cable enclosing optical fibers designed to carry lightwaves in a fiber-optic lightwave telecommunications system ("Fiber-Optic Cable"); physical devices used to support a Fiber-Optic Cable which is not buried; pvc of metal pipe, and/or flexible plastic interduct tubing within such a pipe, in which pipe or tubing Fiber-Optic able is encased; steel or pre-cast concrete boxes housing splices of Fiber-Optic Cable; modular structures; buildings and other constructions permanently attached to the ground; the contents of such structures, buildings and other constructions, including, without limitation, climate control equipment, light fixtures, wiring, transmitting devices and receiving devices that transform electrical energy into light or vice versa, racks for electronics and other equipment, fault alarm equipment, order wire, test equipment, batteries and electric power test equipment; all markers or signs placed on the surface above buried Fiber-Optic Cable and the buried tape placed above Fiber-Optic Cable; and all additions, replacements, alterations and substitutions to the Fiber System as may from time to time occur.

LANCASTER CO., NE.
GARFIELD TWP.
SEC. 26 , T 10 N , R 6 E

EXHIBIT A

LINCOLN, NE.

18+02
2
210-48"
43'
6-A
4C

2-4" PVC W/ 3- 1 1/4" INDT.

18+02
1
410
141'
6-C
5C

1-CABLE

18+07
16
210-48"
27'
6-A
4C

2-4" PVC W/3- 1 1/4" INDT

18+02
15
210-48"
10'
6-A
4C

2-4" BIP W/ 3- 1 1/4" INDT

18+17
17
210-48"
10'
6-A
4C

2-4" BIP W/3- 1 1/4" INDT

18+22
3
110-48"
41'
7-A
4C

2-4" BIP W/ 3- 1 1/4" INDT.

18+22
18
210-48"
10'
6-A
4C

2-4" BIP W/3- 1 1/4" INDT

18+27
4
240
2.5'x5'x2.5'
10
4C

HH # 05718
348' COILED

18+32
5
410
801'
6-C
5C

1-CABLE

18+32
6
210-48"
382'
6-A
4C

2-4" PVC W/ 3 1 1/4" INDT.

1855' R
SPAN "A"
REEL #22273

21+78
7
110-66"
74'
7-B
4C

2-4" BIP W/ 3 1 1/4" INDT.

22+52
8
210-48"
258'
6-A
4C

2-4" PVC W/ 3 1 1/4" INDT.

25+08
9
110-66"
42'
7-B
4C

2-4" BIP W/ 3 1 1/4" INDT.

25+50
19
210-48"
9'
6-A
4C

2-4" BIP W/3- 1 1/4" INDT

25+41
20
210-48"
36'
6-A
4C

2-4" PVC W/3- 1 1/4" INDT

25+00
10
240
2.5'x5'x2.5'
10
4C

HH # 05725
66' COILED

25+05
11
410
155'
6-C
5C

1-CABLE

25+05
21
210-48"
27'
6-A
4C

4" PVC W/3- 1 1/4" INDT

25+32
13
210-48"
21'
6-A
4C

4" BIP W/ 3- 1 1/4" INDT.

25+53
12
110-48"
51'
7-A
4C

4" BIP W/ 3- 1 1/4" INDT.

26+04
14
210-48"
35'
6-A
4C

4" BIP W/ 3- 1 1/4" INDT.

26+39
22
210-48"
21'
6-A
4C

4" PVC W/3- 1 1/4" INDT

STA. 25+50
R/L CHG. TO
PARALLEL U.P.R.R.

STA. 25+41
MKR. 05725

STA. 21+78
MKR. 05722

SEE SHEET #22 TO MATCH RR STA. 3032+41 SURVEY STA. 26+60

PROJ. #04856-05

PR-ARP-44-SN

"J" STREET
ASPHALT

MCI
REGEN
LINCOLN

REEL #22273
44 EOC N/A
EOH N/A

STA. 18+02
HANDHOLE PLACED
ON PROJECT
#04856-05. COILED
344' IN HANDHOLE

STA. 18+07
POLE

STA. 20+86
SEWER MANHOLE

STA. 21+25
POLE

STA. 21+35
POLE

STA. 21+63
POLE

STA. 22+03
∠ B.N.R.R.

STA. 22+13
∠ B.N.R.R.

STA. 22+25
SIGNAL BOX

STA. 22+37
POLE

STA. 24+61
R.R. SIGNAL BOX

STA. 24+88
R/W

STA. 25+08
E.O.P.

STA. 25+25
U.P.R.R.

STA. 25+45
E.O.P.

STA. 25+48
SEWER LINE

STA. 25+60
E.O.G.

STA. 25+80
RR STA. 3031+61
∠ "J" ST.

STA. 26+00
E.O.P.

STA. 26+03
O.H. ELEC., TEL.

STA. 26+10
U.G. GAS

NOTE:
HANDHOLE FIELD
MODIFIED TO ACCEPT
3-4" PVC IN SOUTH
WALL

KANSAS CITY, MO. JCT.

SEWER CAUTION X-ING
O.H. ELEC. CAUTION & TEL.
GAS CAUTION XING

Union Pacific Railroad Co.
APPROVED: Date 8/20/01
FOR VP ENGINEERING

PROJECT: #05660
SPAN: "A"
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE	
SURVEY	853 LF
RAILROAD	853 LF

MATERIALS	QUANTITY
CABLE	1855'
4" CIP	
4" PVC	1540'
1/4" CORR. INDT	6117'
4" SPLIT CIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	2
10M STRAND	
10 STEELCASING	
4" BIP	499'
2" H.D.P.E.	
HH 2.5'X5'X2.5'	2

MCI
TELECOMMUNICATIONS CORPORATION
FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER CDI

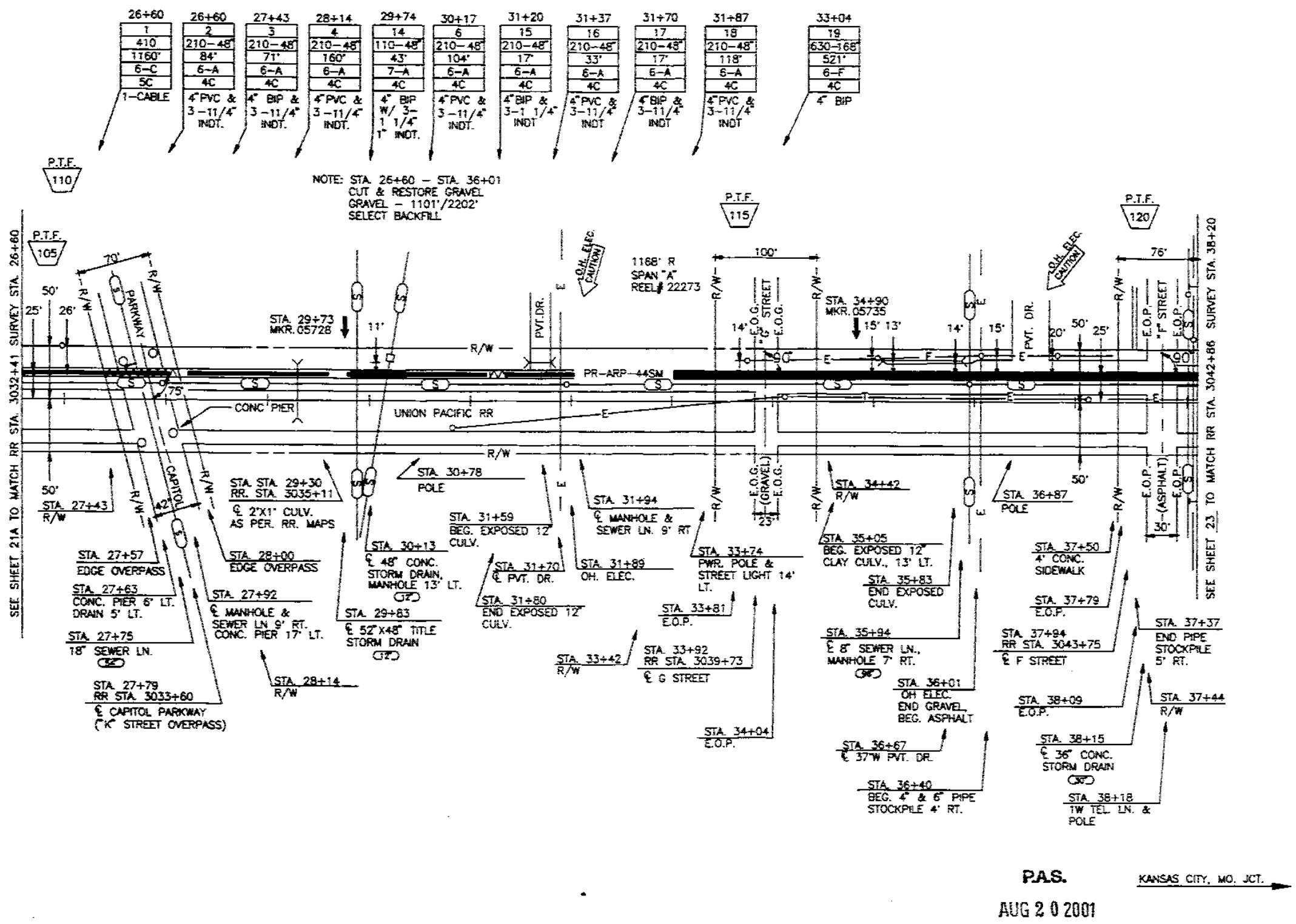
REVISIONS

DATE	DESCRIPTION	INITIAL
2-93	REDESIGN	CDI
6-94	ISO UPDATE	LND

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION. BOTH DRAWING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE
HORIZONTAL 1" = 50'
VERTICAL 1" = 50'
DEPTH: LOC.10041
MP 57 TO MP 58
SHEET 21A OF 557
DWG. NO.
05660021.A1A

LANCASTER CO., NE.
GARFIELD TWP.
SEC. 26 ,T 10 N , R 6 E



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE	
SURVEY	1320 L
RAILROAD	1320 L

MATERIAL LIST	QUANTI
CABLE	1168'
4" GIP	
4" PVC	516'
1 1/4" CORR. INDT.	1548'
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	2
10M STRAND	
10" STEEL CASING	
4" BIP	652'
2" H.D.P.E.	
HH 2.5'X5'X2.5'	

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIA
1-93	RR STA	CDI
1-94	AS-BUILT	PTS

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SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID.041

MP 57 TO MP 58

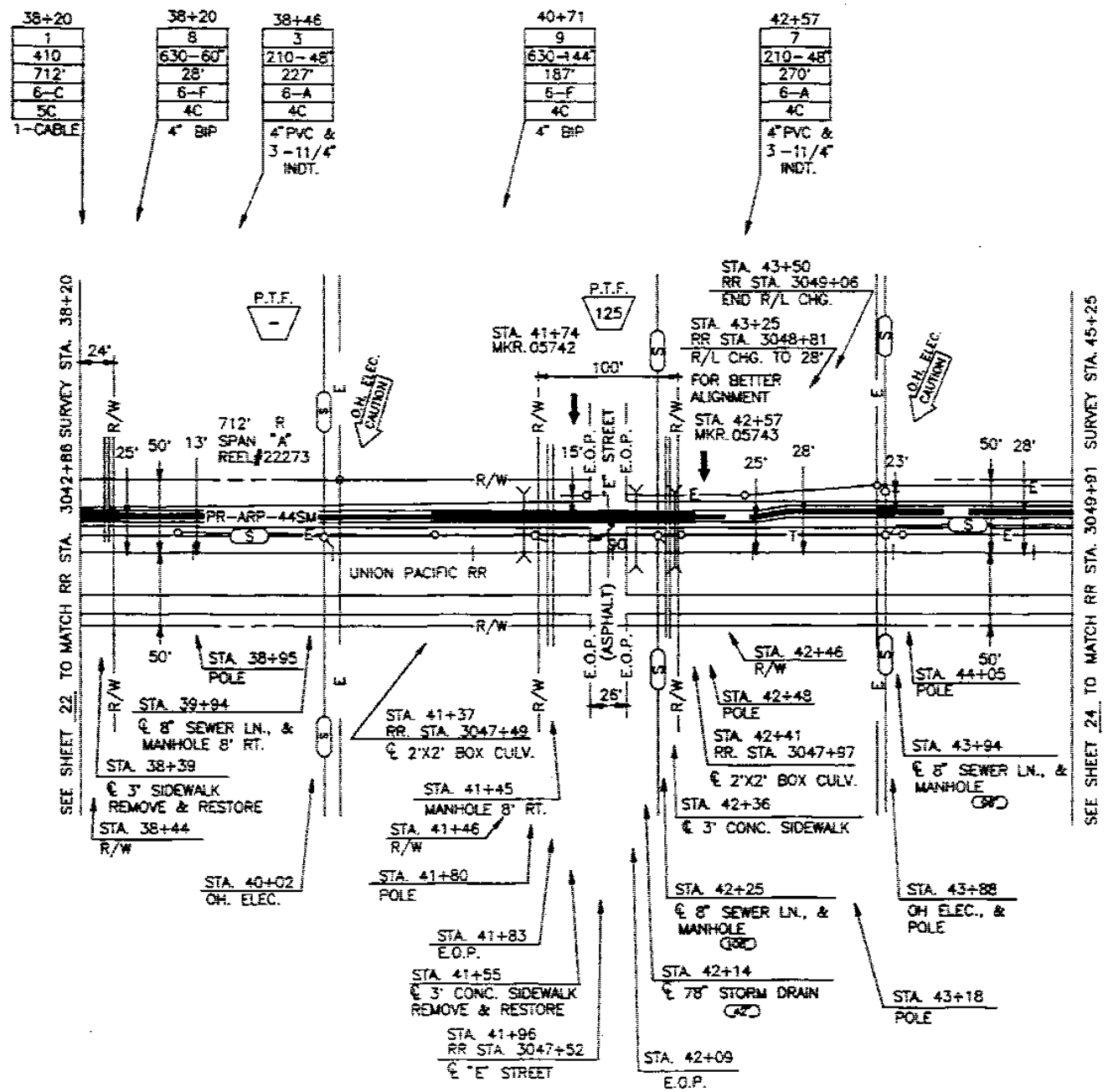
SHEET 22 OF 557

DWG. NO. 05660022.01A

LINCOLN, NE.

LANCASTER CO., NE.

GARFIELD TWP.
SEC. 26 ,T 10 N , R 6 E



NOTE: STA. 38+44 – STA. 41+78
CUT & RESTORE GRAVEL –
334'/668' SELECT BACKFILL

NOTE: STA. 42+46 – STA. 45+25
CUT & RESTORE GRAVEL
279'/558' SELECT
BACKFILL

KANSAS CITY, MO. JCT.

P.A.S.

AUG 2 0 2001

PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 705 L
RAILROAD 705 L

MATERIAL LIST	QUANTIT
CABLE	712'
4" GIP	
4" PVC	497'
11/4 CORR. INDT.	1491'
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	2
10M STRAND	
10"STEEL CASING	
4" BIP	216'
2" H.D.P.E.	

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY,MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIA
1-93	RR STA	CDI
1-94	AS-BUILT	PTS

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SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT.ID. LOC.ID.041

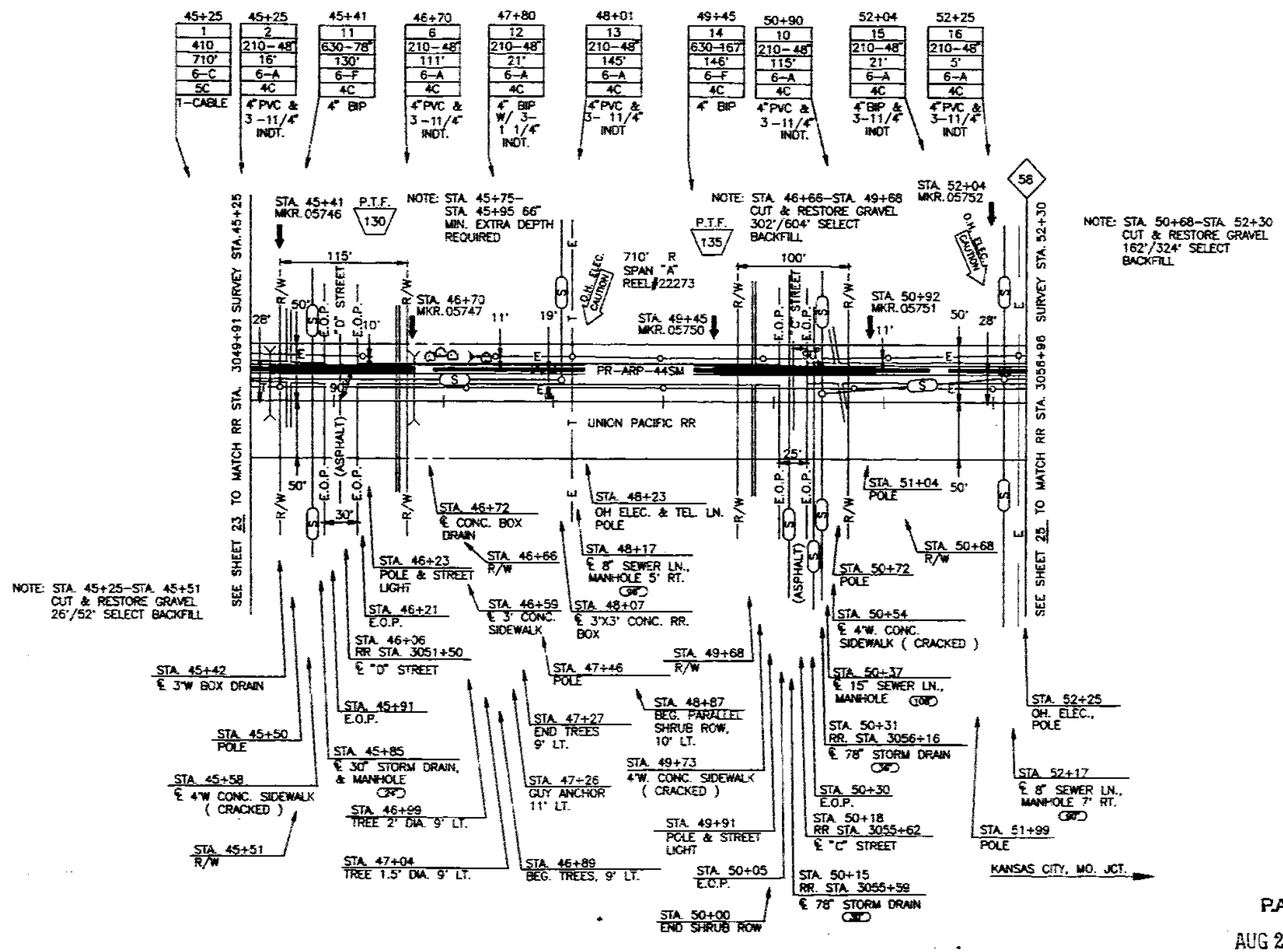
MP 57 TO MP 58

SHEET 23 OF 557

DWG. NO.
05660023.01A

LANCASTER CO., NE.
GARFIELD TWP.
SEC. 26 ,T 10 N , R 6 E

LINCOLN, NE.



P.A.S.

AUG 2 0 2001

PROJECT: # 05660
SPAN: "A"
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE
SURVEY 705 LF
RAILROAD 705 LF

MATERIAL LIST	QUANTITY
CABLE	710'
4" GIP	
4" PVC	392'
1 1/4" CORR. INDT.	2595'
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" BIP	218'
2" H.D.P.E.	

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-93	RR STA	CDI
1-94	AS-BUILT	PTS

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SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 041

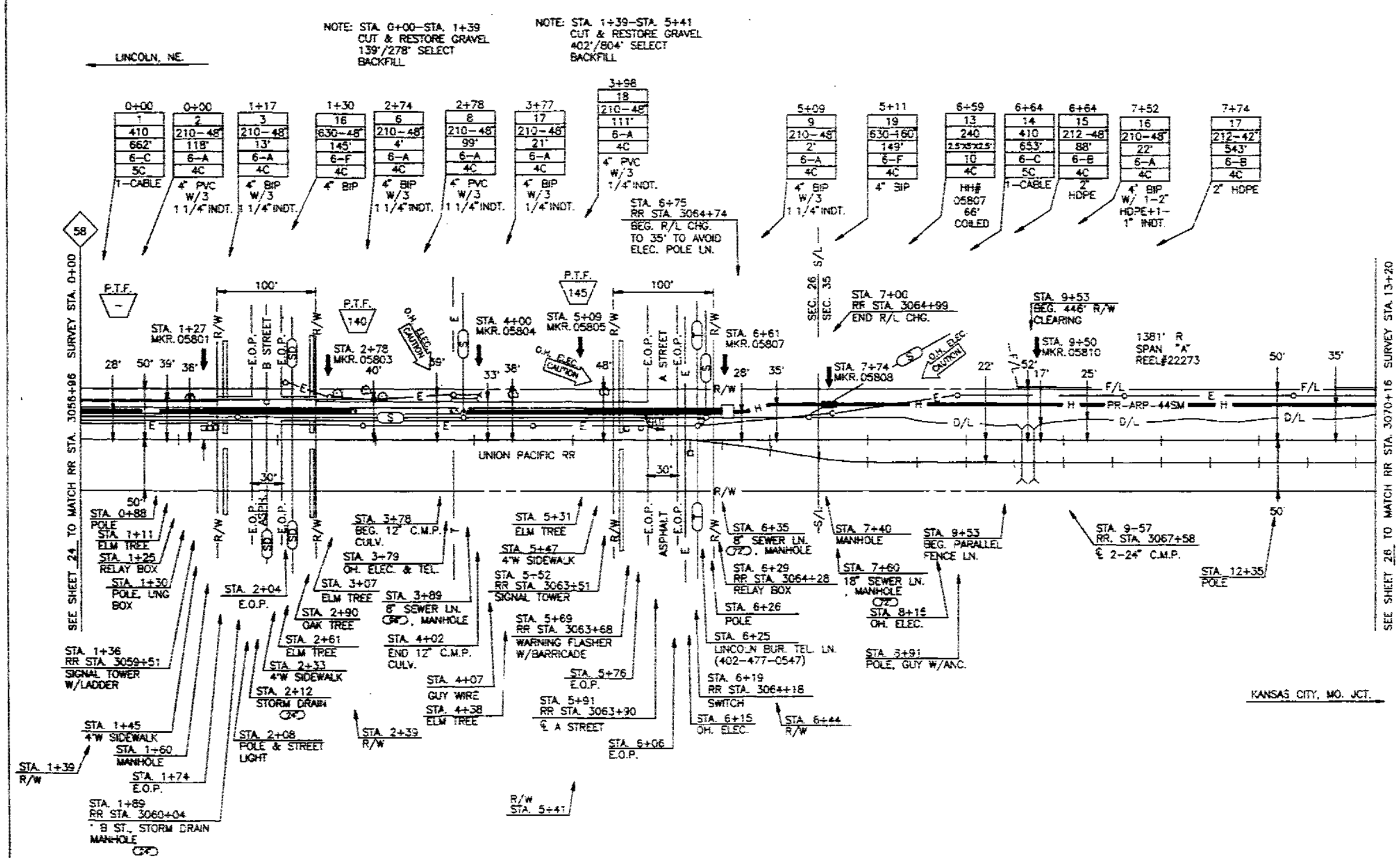
MP 57 TO MP 58

SHEET 24 OF 557

DWG. NO. 05660024.01A

LANCASTER CO., NE.

GARFIELD TWP.
SEC. 26&35 ,T 10 N – R 6 E



P.A.S.

AUG 2 0 2001

PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE
SURVEY 1320 LF
RAILROAD 1320 LF

MATERIAL LIST	QUANTIT
CABLE	1381'
4" GIP	
4" PVC	328'
1 1/4" CORR. INDT.	1104'
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	7
10M STRAND	
10"STEEL CASING	
4" BIP	356'
2" H.D.P.E.	653'
H.H. 2.5'x5'X2.5'	1
RR ASPH. SQ.FT.	
1" INDT	22'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-93	RR STA	CDI
1-94	AS-BUILT	PTS

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SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID.041

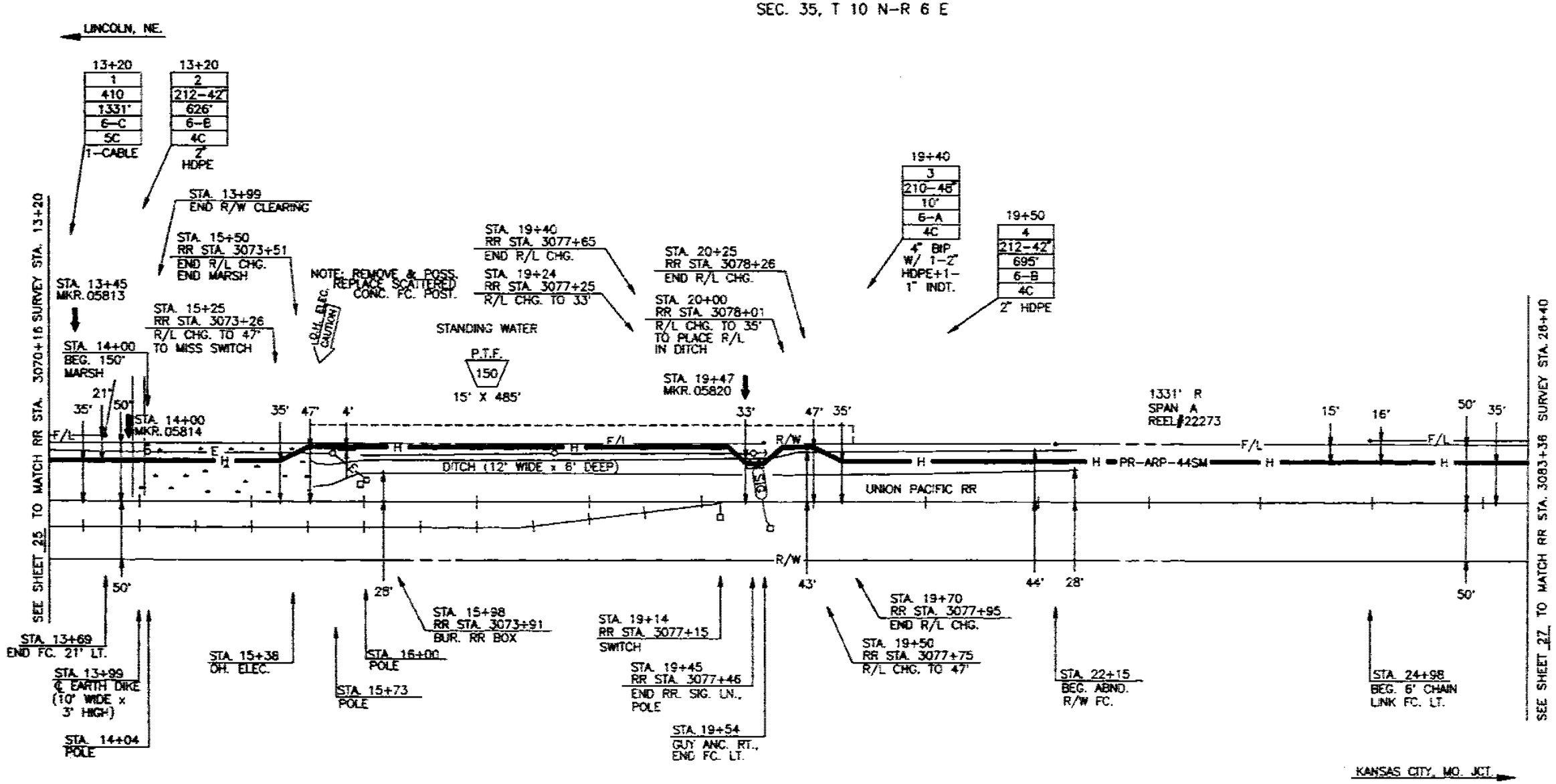
MP 58 TO MP 59

SHEET 25 OF 557

DWG NO. 05660025.01A

LANCASTER CO., NE.

GARFIELD TWP.
SEC. 35, T 10 N–R 6 E



P.A.S.

AUG 2 0 2001

PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 1320 L
RAILROAD 1320 L

MATERIAL LIST	QUANTIT
CABLE	1331'
4" GIP	
4" PVC	
11/4"CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	3
10M STRAND	
10"STEEL CASING	
HH 2.5' X 5' X 2.5'	
4" B.I.P.	10'
2" H.D.P.E.	1331'
1" INDT	10'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1–93	RR STA	CDI
1–94	AS–BUILT	PTS

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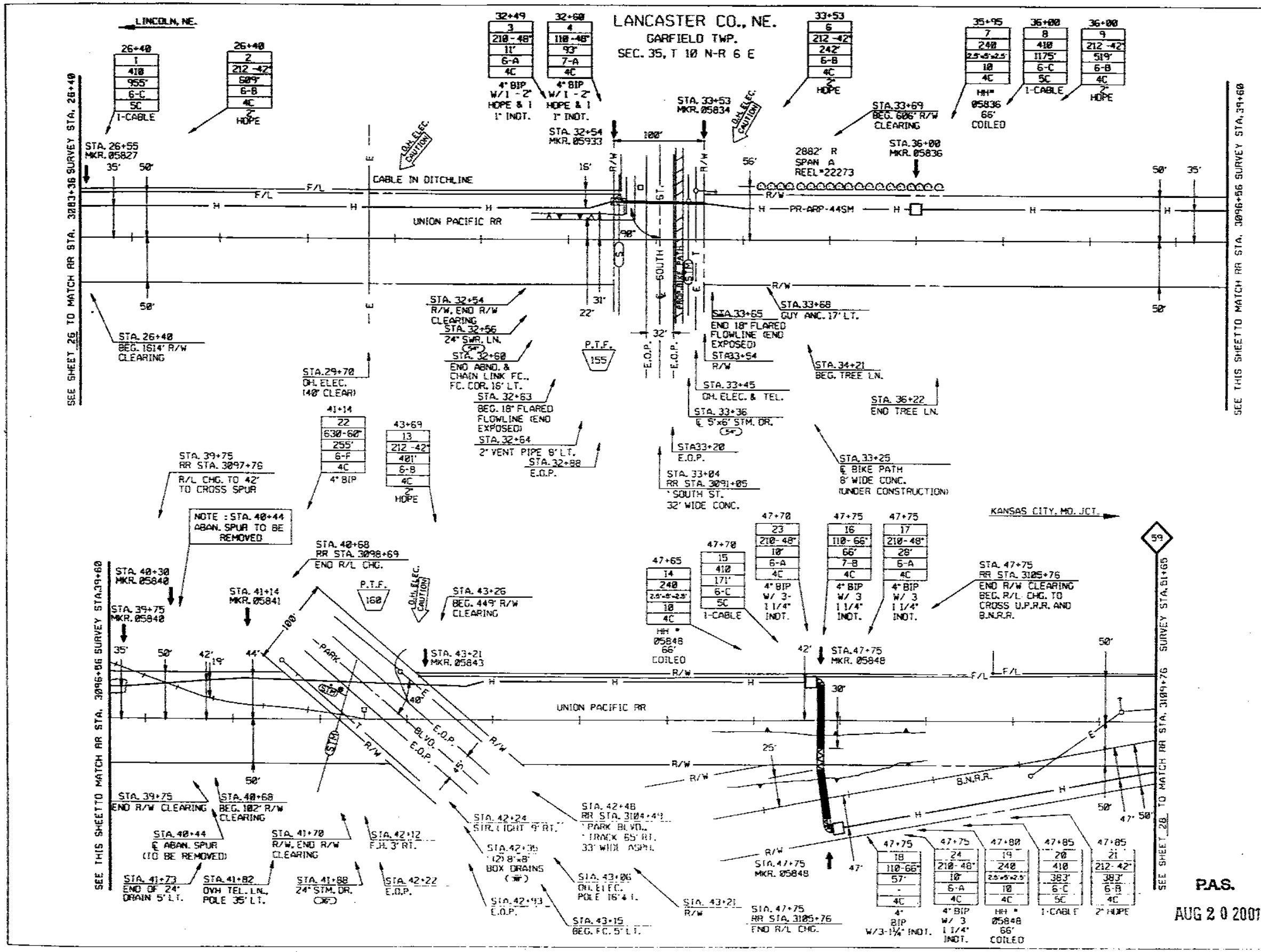
SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'

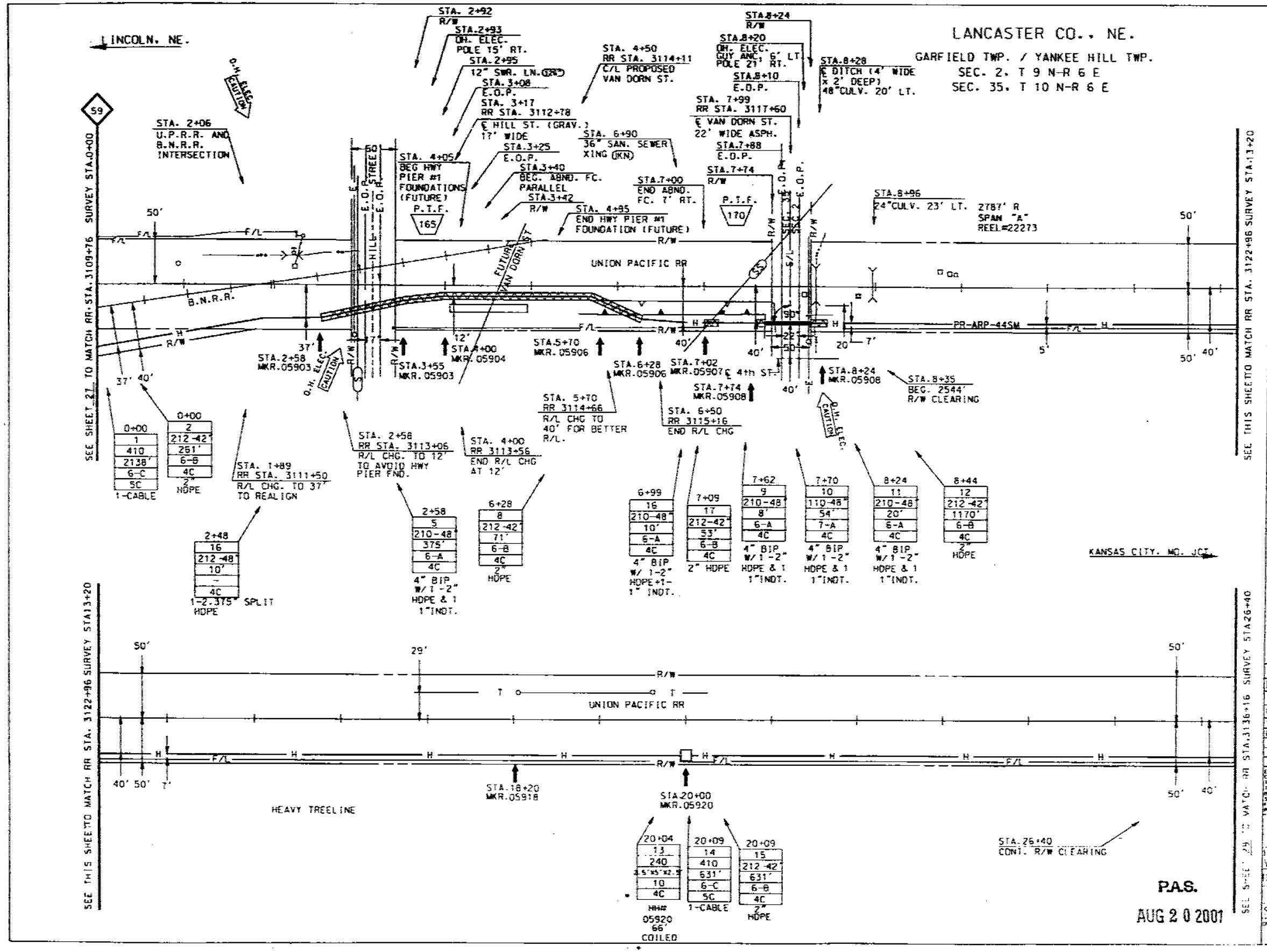
DEPT. ID. LOC. ID.041

MP 58 TO MP 59

SHEET 26 OF 557

DWG. NO.
05660026.01A


LINCOLN, NE.
LANCASTER CO., NE.
GARFIELD TWP.
SEC. 35, T 10 N-R 6 E
SEE SHEET 26 TO MATCH RR STA. 3083+36 SURVEY STA. 26+40
SEE THIS SHEET TO MATCH RR STA. 3096+56 SURVEY STA. 39+60
SEE THIS SHEET TO MATCH RR STA. 3096+86 SURVEY STA. 39+60
SEE SHEET 28 TO MATCH RR STA. 3104+76 SURVEY STA. 61+65
KANSAS CITY, MO. JCT.
UNION PACIFIC RR
CABLE IN DITCHLINE
PR-ARP-44SM
2882' R
SPAN A
REEL#22273
STA. 26+55
MKR. 05827
STA. 26+40
BEG. 1614' R/W
CLEARING
STA. 29+70
OH. ELEC.
(40' CLEAR)
STA. 32+54
MKR. 05933
STA. 33+53
MKR. 05834
STA. 33+69
BEG. 606' R/W
CLEARING
STA. 36+00
MKR. 05836
STA. 32+54
R/W, END R/W
CLEARING
STA. 32+56
24" SWR. LN.
STA. 32+60
END ABND. &
CHAIN LINK FC.,
FC. COR. 16' LT.
STA. 32+63
BEG. 18" FLARED
FLOWLINE (END
EXPOSED)
STA. 32+64
2" VENT PIPE 8' LT.
STA. 32+88
E.O.P.
STA. 33+65
END 18" FLARED
FLOWLINE (END
EXPOSED)
STA. 33+68
GUY ANC. 17' LT.
STA. 33+45
OH. ELEC. & TEL.
STA. 33+36
℄ 5'x6' STM. DR.
STA. 33+20
E.O.P.
STA. 33+04
RR STA. 3091+05
SOUTH ST.
32' WIDE CONC.
STA. 34+21
BEG. TREE LN.
STA. 36+22
END TREE LN.
STA. 33+25
℄ BIKE PATH
8' WIDE CONC.
(UNDER CONSTRUCTION)
STA. 39+75
RR STA. 3097+76
R/L CHG. TO 42'
TO CROSS SPUR
NOTE : STA. 40+44
ABAN. SPUR TO BE
REMOVED
STA. 40+68
RR STA. 3098+69
END R/L CHG.
STA. 40+30
MKR. 05840
STA. 39+75
MKR. 05840
STA. 41+14
MKR. 05841
STA. 43+26
BEG. 449' R/W
CLEARING
STA. 43+21
MKR. 05843
STA. 47+75
RR STA. 3105+76
END R/W CLEARING
BEG. R/L CHG. TO
CROSS U.P.R.R. AND
B.N.R.R.
STA. 47+75
MKR. 05848
STA. 39+75
END R/W CLEARING
STA. 40+68
BEG. 102' R/W
CLEARING
STA. 40+44
℄ ABAN. SPUR
(TO BE REMOVED)
STA. 41+70
R/W, END R/W
CLEARING
STA. 41+73
END OF 24"
DRAIN 5' LT.
STA. 41+82
OVH TEL. LN.,
POLE 35' LT.
STA. 41+88
24" STM. DR.
STA. 42+12
E.O.P. 3' RT.
STA. 42+22
E.O.P.
STA. 42+24
STREETLIGHT 9' RT.
STA. 42+36
(2) 8'x8'
BOX DRAINS
STA. 42+93
E.O.P.
STA. 43+15
BEG. FC. 5' LT.
STA. 42+48
RR STA. 3104+49
PARK BLVD.,
TRACK 65' RT.
33' WIDE ASPH.
STA. 43+06
OH. ELEC.
POLE 16' 4 L.
STA. 43+21
R/W
STA. 47+75
RR STA. 3105+76
END R/L CHG.
P.A.S.
AUG 2 0 2001
PROJECT:# 05660
SPAN: "A"
KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.
MAP FOOTAGE
SURVEY 2525 LF
RAILROAD 2640 LF
MATERIALLIST QUANTITY
CABLE 2882'
4" GIP
4" PVC
11/4" CORR. INDT. 492'
4" SPLIT GIP
4" SPLIT PVC
HH 3' x 5' x 4'
MH 4' x 4' x 4'
BUR. CA. MKRS. 10
10M STRAND
10" STEELCASING
4" B.I.P. 523'
2" HOPE 2257'
1" INDT. 104'
HH 2.5'X5'X2.5' 3
MCI
TELECOMMUNICATIONS CORPORATION
TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.
DATE
ENGINEER JEFFRIES
REVISIONS
DATE DESCRIPTION INITIAL
2-93 REDESIGN CDB
8-96 MAINT #906150 RLS
SCALE
HORIZONTAL: 1" 50'
VERTICAL: 1:50'
DEPT.ID. 1 OC.ID041
MP 58 TO MP 59
SHEET 27 OF 61A
DWG. NO.
05660027.01A



PROJECT: #05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE	
SURVEY	2640 LF
RAILROAD	2640 LF

MATERIAL LIST	QUANTITY
CABLE	2840'
4" GIP	
4" PVC	
CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
HH 4' x 4' x 4'	
BUR. CA. MKRS.	10
10M STRAND TO STEEL CASING	
4" B.I.P.	467'
2" HDPE	2653'
1" INDT.	467'
HH 2.5'X5'X2.5'	1

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBEROPTIC CABLE ROUTE KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
7-93	REDESIGN	CDI
8-96	MAINT. #906156	R.S.

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, BOTH WHEN ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL: 1" 50'

VERTICAL: 1" 50'

DEPT.ID. DOC.ID 041

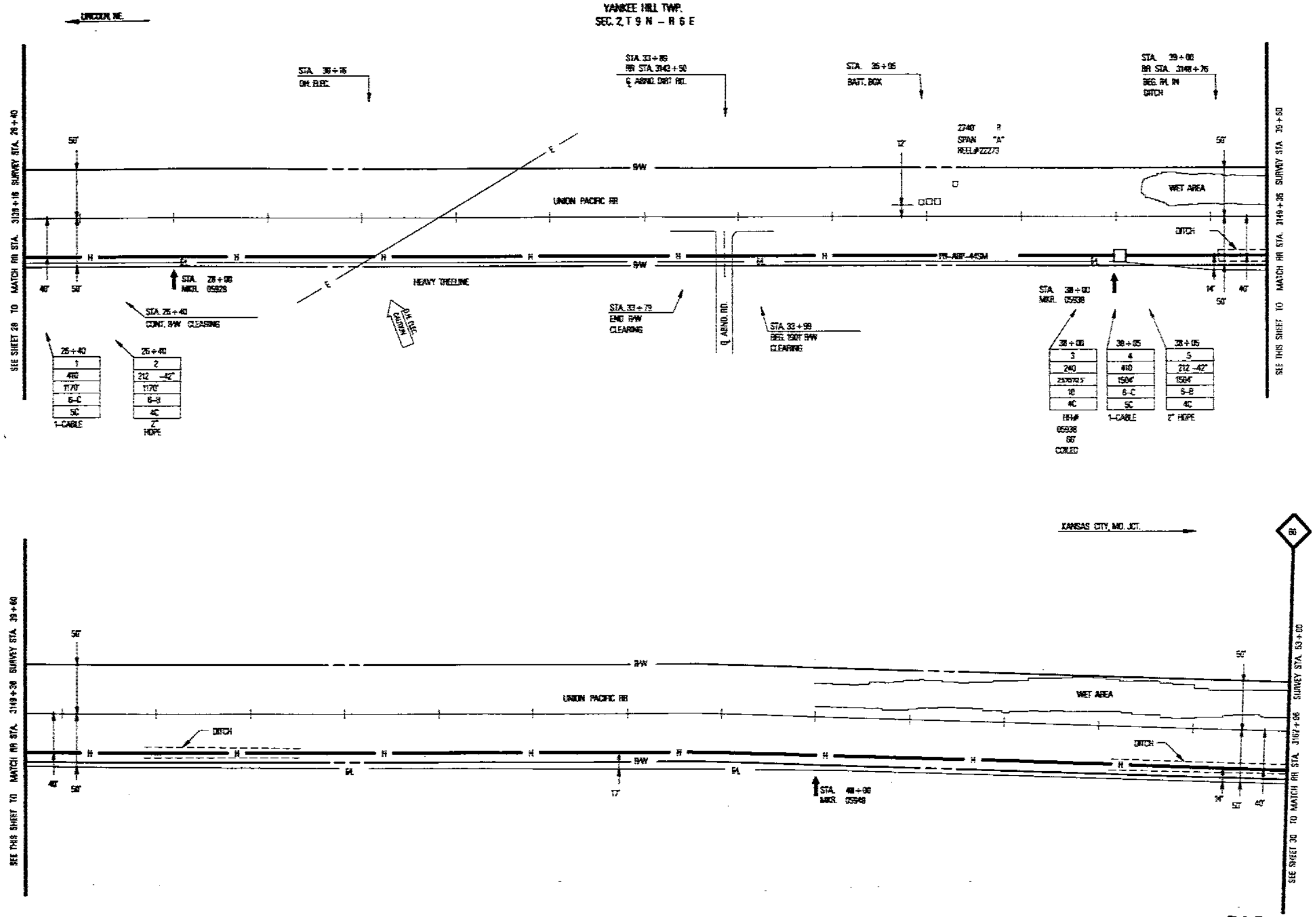
MP 59 TO MP 60

SHEET 28 OF 557

DWG. NO. 05660028.01A

LANCASTER CO., NE.

YANKEE HILL TWP.
SEC. 2, T 9 N – R 6 E



P.A.S.

AUG 2 0 2001

PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE		
SURVEY	2660	LF
RAILROAD	2640	LF

MATERIAL LIST	QUANTITY
CABLE	2740'
4" GIP	
4" PVC	
1¼" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
RUR. CA. MKRS.	3
10M STRAND	
10" STEEL CASING	
2" H.D.P.E.	2634'
HH 2.5'x5'x2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-03	RR STA	CB
8-01	RR STATION ADDED TO PL	CB

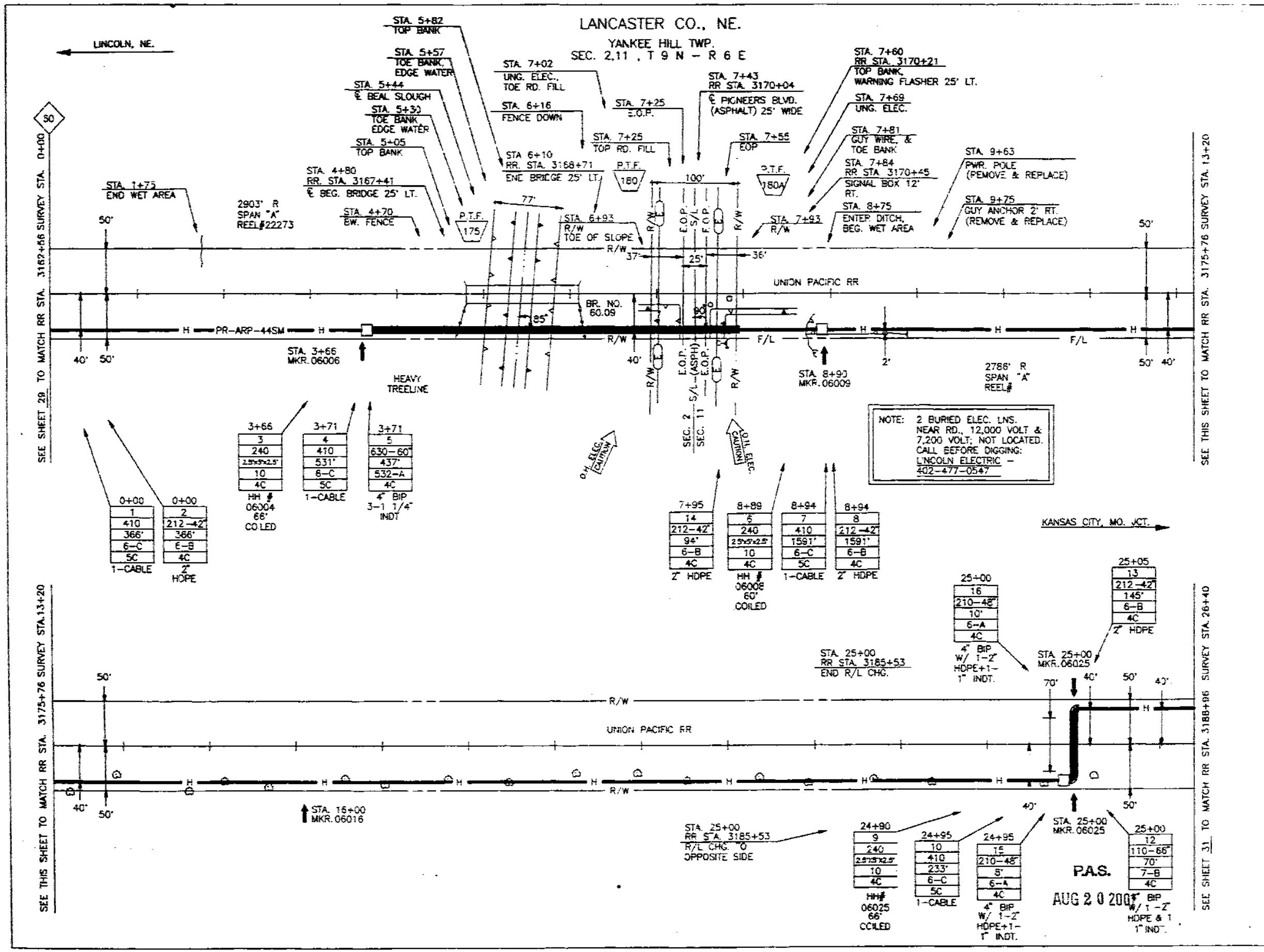
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. | LOC. ID. 041

MP 59 TO MP

SHEET 29 OF 557

DWG. NO.
05660029.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE		
SURVEY	2640	L
RAILROAD	2640	L

MATERIAL LIST	QUANTIT
CABLE	2903'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	1311'
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" BIP	525'
2" H.D.P.E.	2275'
HH 2.5'X5'X2.5'	3
1" INDT.	88'

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIA
7-93	DIRECTIONAL BORE	CD
1-94	AS-BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS ARE SPECIFICALLY THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, BORN WORE ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL : 1" = 50'

VERTICAL : 1" = 50'

DEPT. ID. LOC. ID 041

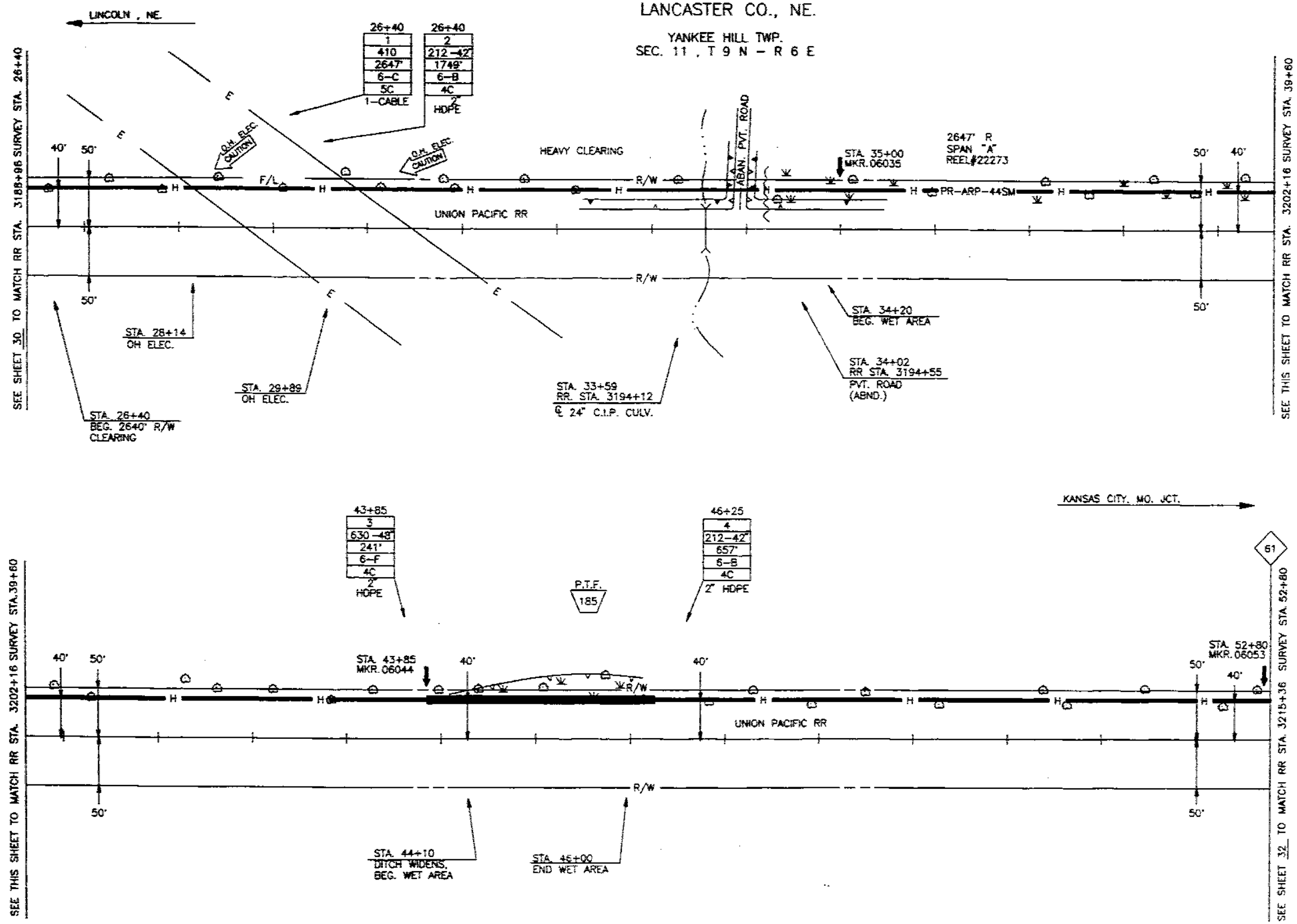
MP 60 TO MP 61

SHEET 30 OF 557

DWG. NO. 05660030.01A

LANCASTER CO., NE.

YANKEE HILL TWP.
SEC. 11 , T 9 N – R 6 E



P.A.S.

AUG 2 0 2001

PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2640 L
RAILROAD 2640 L

MATERIAL LIST	QUANTIT
CABLE	2647'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	3
10M STRAND	
10" STEEL CASING	
4" BIP	
2" H.D.P.E.	2647'
1–1" INDT.	

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY,MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1–93	RR STA.	CDI
1–94	AS–BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, BEING LOANED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

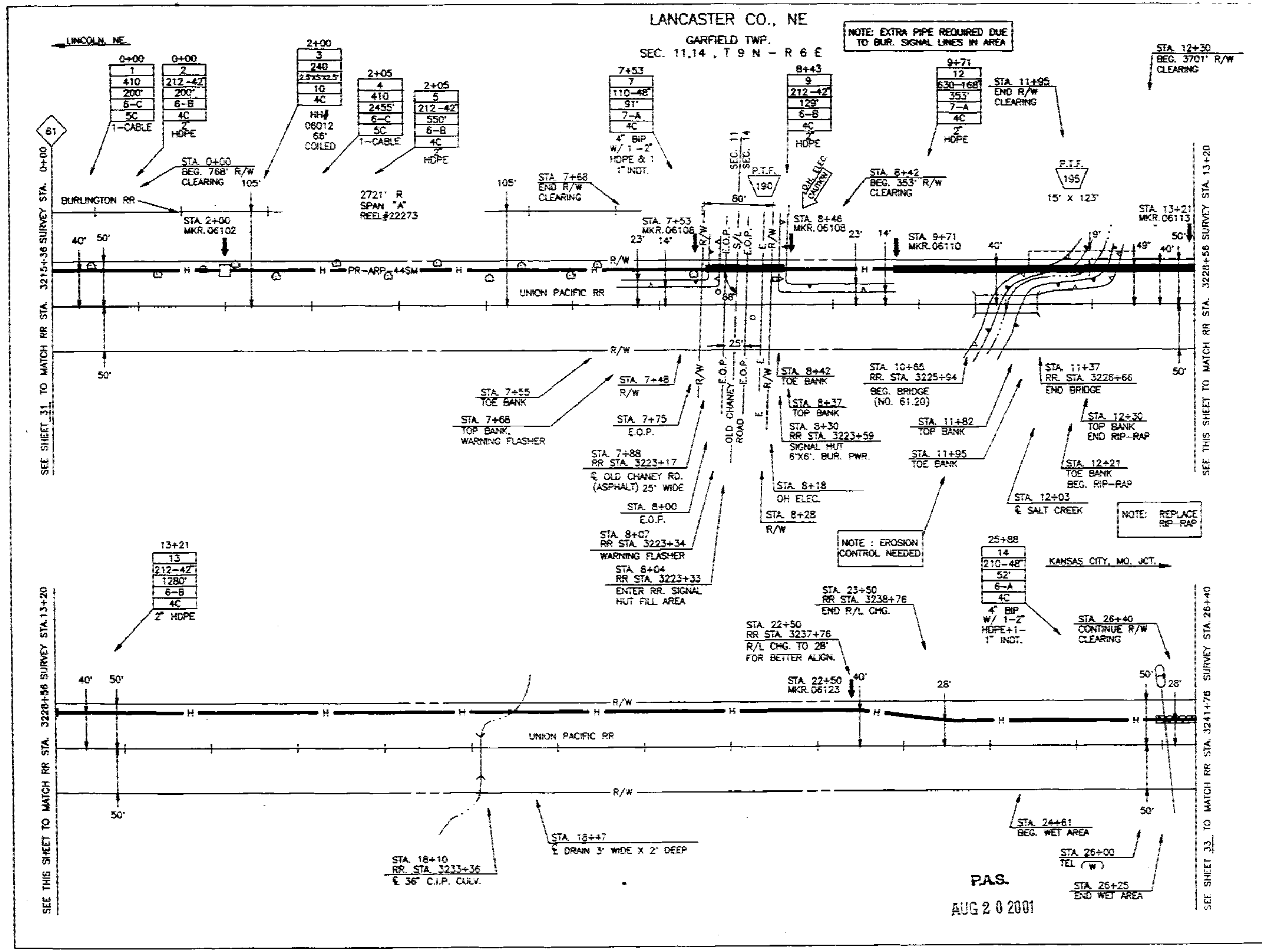
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID.041

MP 60 TO MP 61

SHEET 31 OF 557

DWG. NO. 05660031.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE		
SURVEY	2640	LF
RAILROAD	2640	LF

MATERIAL LIST	QUANTITY
CABLE	2721'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	6
10M STRAND	
10" STEEL CASING	
4" BIP	148'
2" H.D.P.E.	2652'
1" INDT.	148'
HH 2.5'X5'X2.5'	1

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-95	RR STA.	CDI
1-96	AS-BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, WITH WHOM ISSUED, AS STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL : 1" = 50'

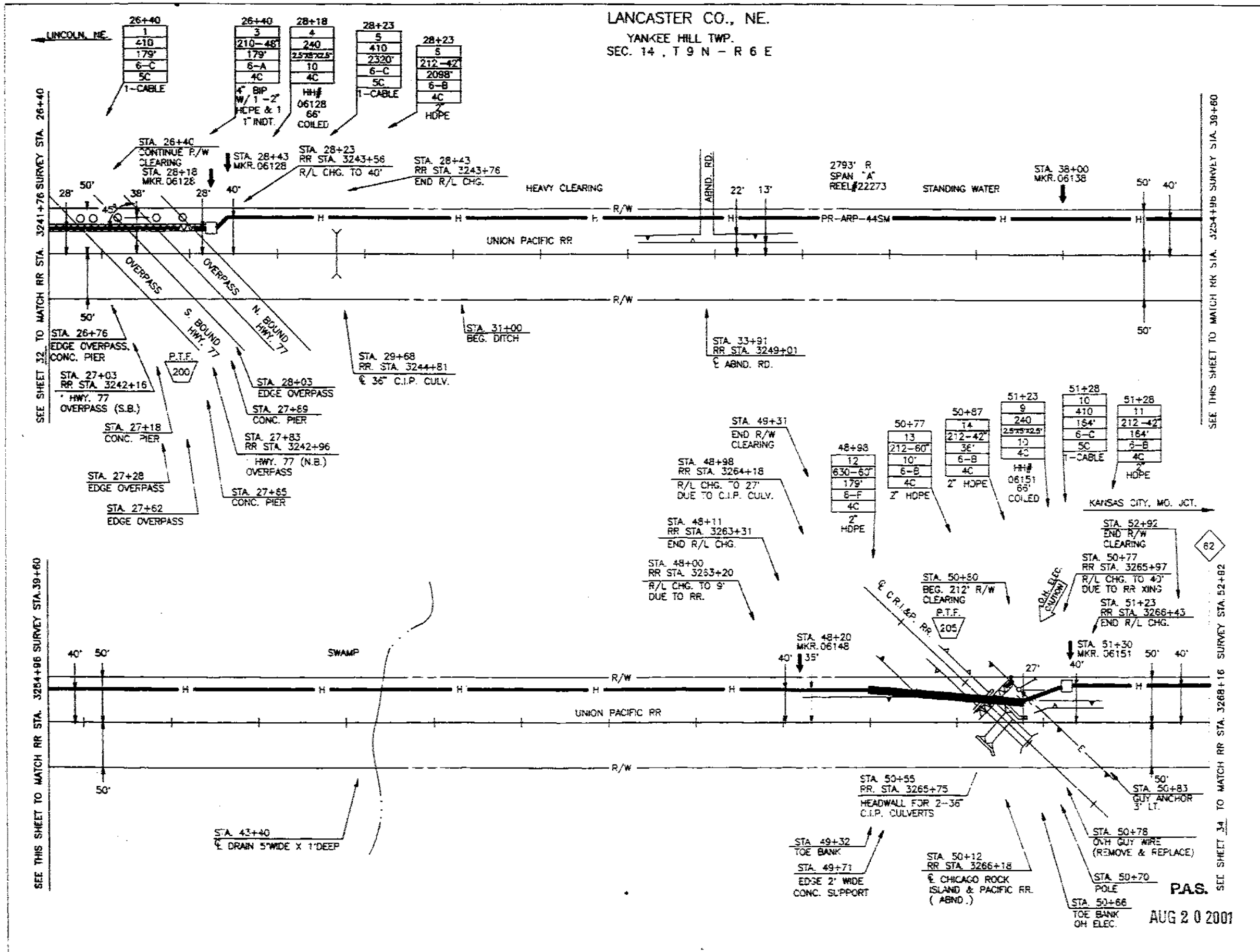
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 041

MP 61 TO MP 62

SHEET 32 OF 557

DWG. NO. 05660032.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE
SURVEY 2652 LF
RAILROAD 2640 LF

MATERIAL LIST	QUANTITY
CABLE	2793'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BJR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" BIP	179'
2" H.D.P.E.	2656'
HH 2.5'X5'X2.5'	2
1" INDT.	179'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-93	RR STA.	CDI
1-94	AS-BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, BUILT WITH WORK IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCE, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

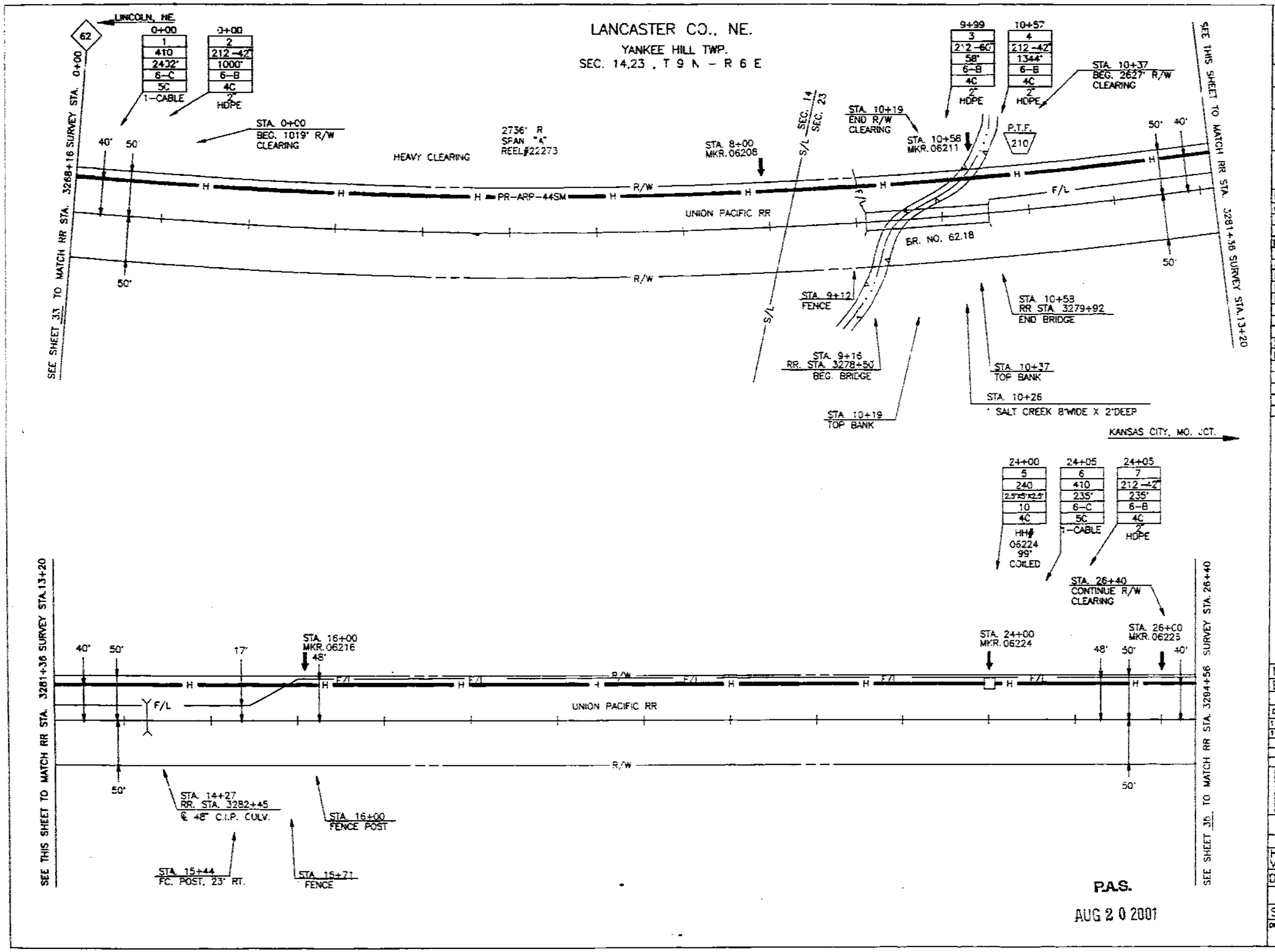
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 041

MP 61 TO MP 62

SHEET 33 OF 557

DWG. NO. 05660033.01A



P.A.S.

AUG 2 0 2001

PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE

SURVEY	2640	LF
RAILROAD	2640	LF

MATERIAL LIST	QUANTITY
CABLE	2736'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" BIP	
2" H.D.P.E.	2637'
HH 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1–93	RR STA	CDI
1–94	AS–BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, BOTH WHEN RECEIVED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

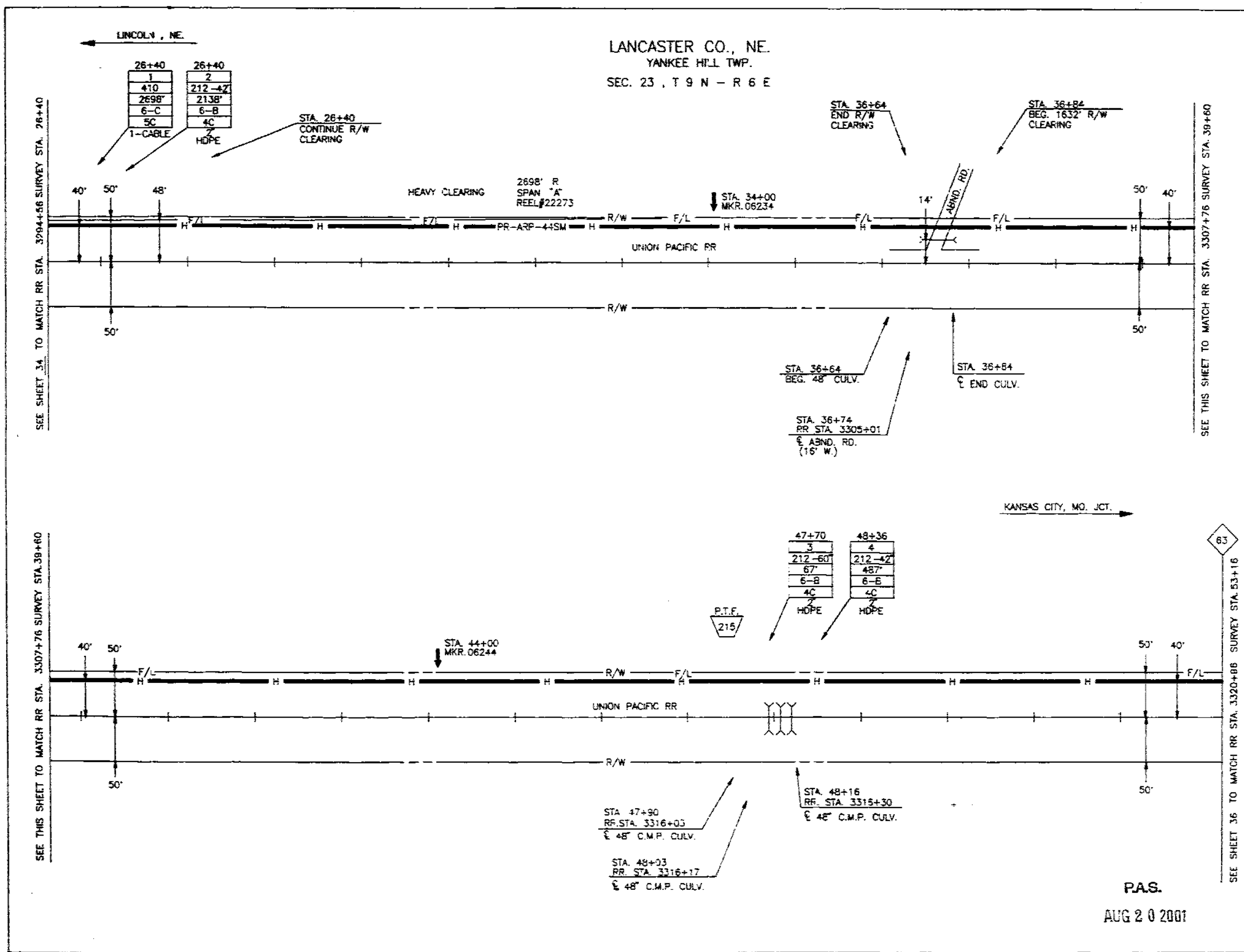
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC.ID.041

MP 62 TO MP 63

SHEET 34 OF 557

DWG. NO. 05660034.01A



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE

SURVEY	2676	L
RAILROAD	2676	L

MATERIAL LIST	QUANTITY
CABLE	2698'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	2
10M STRAND	
10" STEEL CASING	
4" GIP	
2" H.D.P.E.	2698'
1" INDT.	

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIALS
1-93	RR. STA	CDI
1-94	AS-BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, WHEN BEING VIEWED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'

DEPT. ID. LOC.ID.041

MP 62 TO MP 63

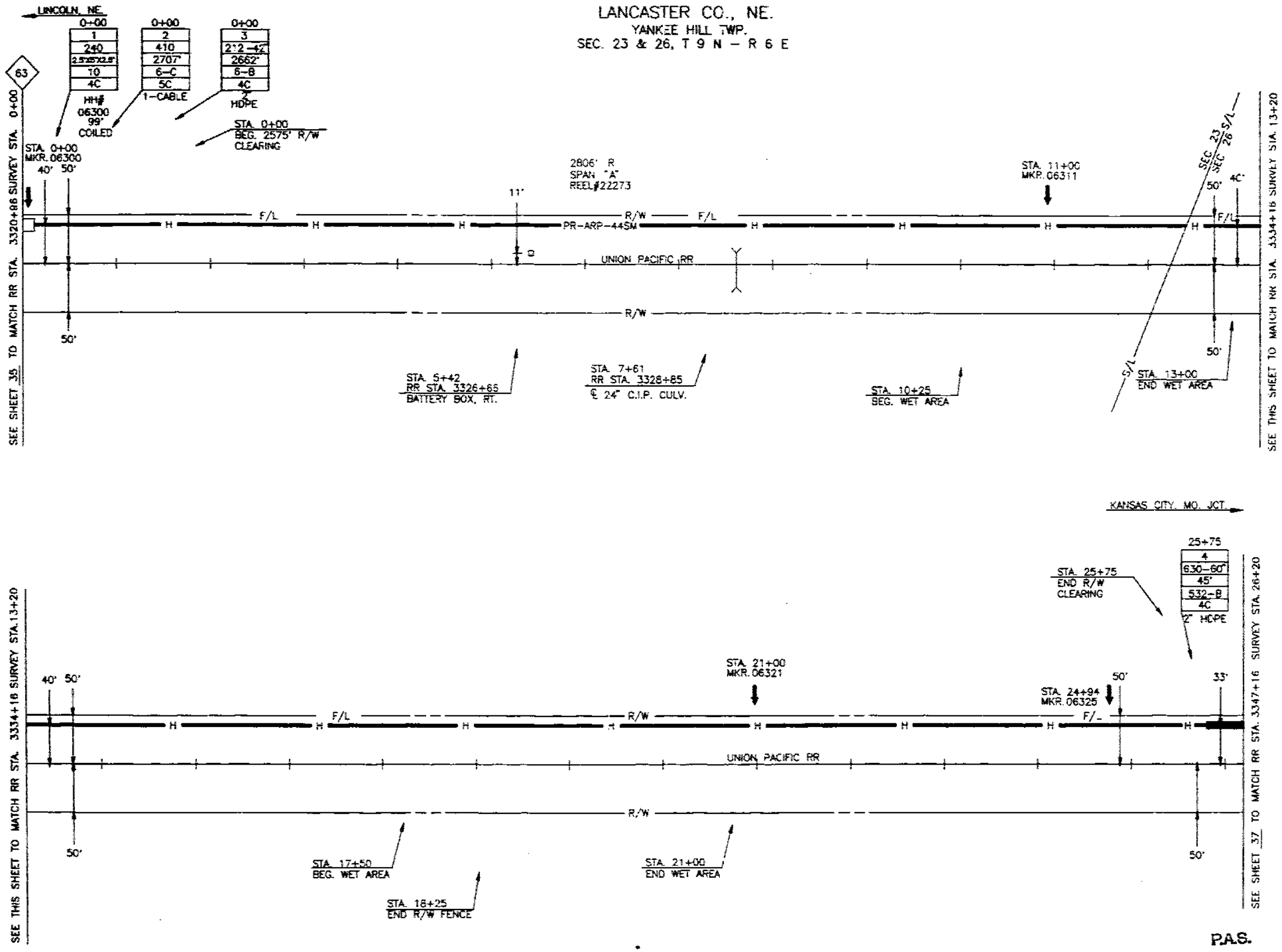
SHEET 35 OF 557

DWG. NO. 05660035.01A

LANCASTER CO., NE.

YANKEE HILL TWP.

SEC. 23 & 26, T 9 N – R 6 E



P.A.S.

AUG 2 0 2001

PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE

SURVEY	2620	LF
RAILROAD	2620	LF

MATERIAL LIST	QUANTITY
CABLE	2806'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BJR. CA. MKRS.	4
10M STRAND	
10" STEEL CASING	
4" BIP	
2" H.D.P.E.	2707'
HH 2.5'X5'X2.5'	1

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1–93	DIRECTIONAL BORE	CDI
1–94	AS–BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWING AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, WITH BEING RENDER IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCE, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE

HORIZONTAL : 1" = 50'

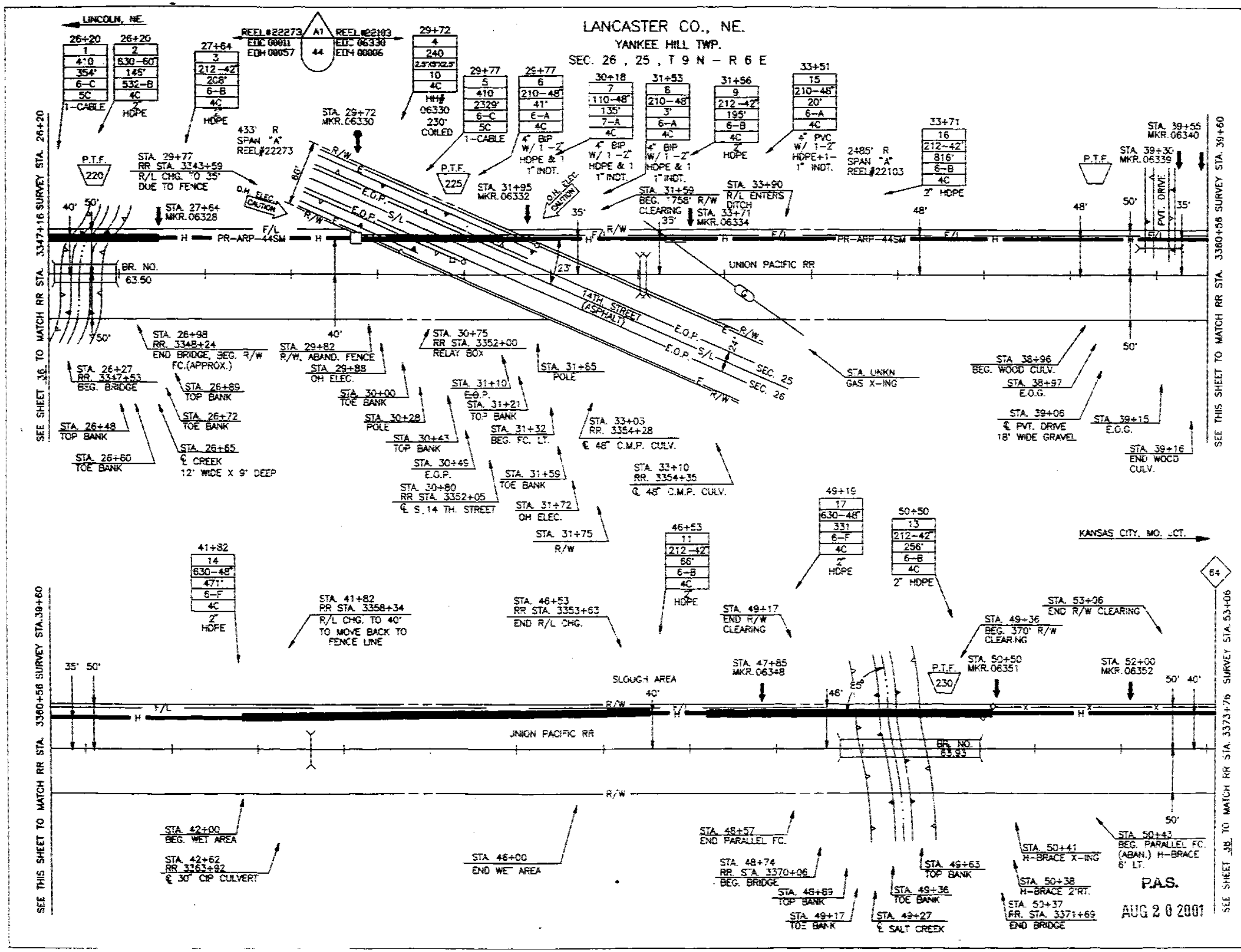
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID 041

MP 63 TO MP 64

SHEET 36 OF 557

DWG. NO. 05660036.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE		
SURVEY	2686	LF
RAILROAD	2686	LF

MATERIAL LIST	QUANTITY
CABLE	2918'
4" GIP	
4" PVC	20'
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	9
10M STRAND	
10" STEEL CASING	
4" BIP	179'
2" H.D.P.E.	2686'
HH 2.5'X5'X2.5'	1
1" INDT.	199'

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1–93	DIRECTIONAL BORE	CDI
1–94	AS–BUILT	PTS

CONCEPT AS MAY BE CONTAINED PROVIDED BY CO-TRACT, THESE DRAWING AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, WITH WHOM ISSUED, IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

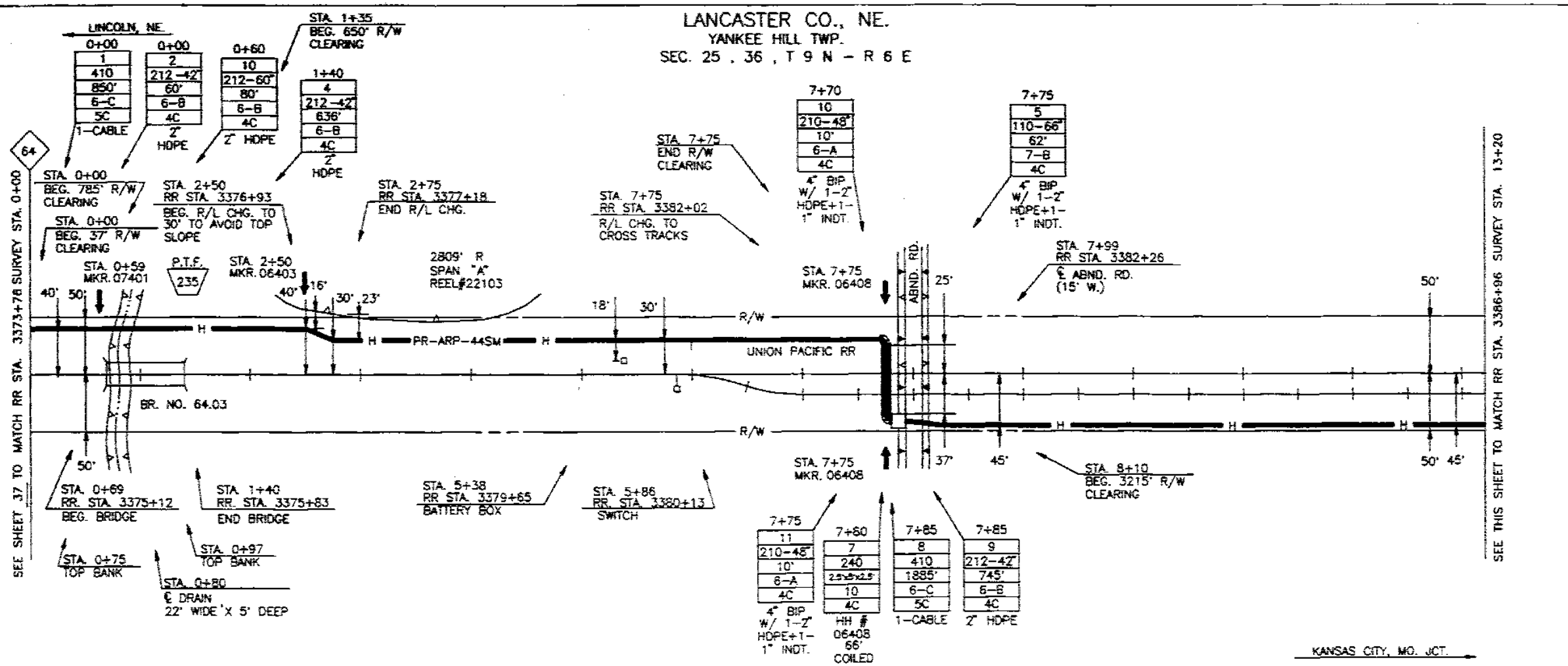
DEPT.ID. LOC.ID.041

MP 63 TO MP 64

SHEET 37 OF 557

DWG NO. 05660037.01A

LANCASTER CO., NE.
YANKEE HILL TWP.
SEC. 25 , 36 , T 9 N – R 6 E



P.A.S.

AUG 2 0 2001

PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE
SURVEY 2670 LF
RAILROAD 2670 LF

MATERIAL LIST	QUANTITY
CABLE	2809'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	6
10M STRAND	
10" STEEL CASING	
4" BIP	82'
2" H.D.P.E.	2743'
1" INDT.	82'
HH 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1–93	REDESIGN	CDI
1–94	AS–BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED IN CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, WHEN LOANED, ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

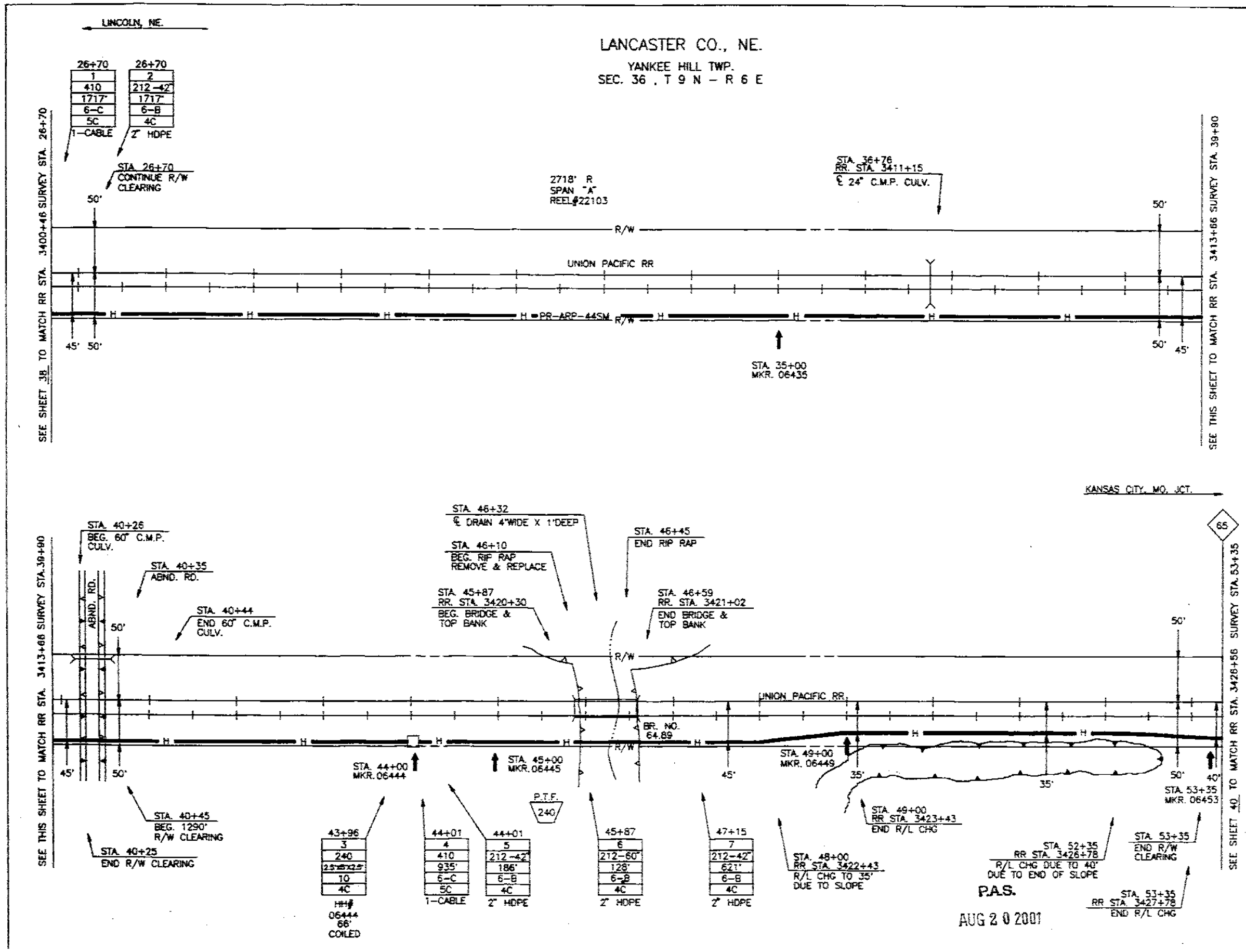
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 041

MP 64 TO MP 65

SHEET 38 OF 557

DWG. NO. 05660038.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE

SURVEY	2665	L
RAILROAD	2665	L

MATERIAL LIST	QUANTI
CABLE	2718'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10 STEEL CASING	
4" BIP	
2" H.D.P.E.	2652'
HH 2.5'X5'X2.5'	1
1" INDT.	

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO.JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIA
1–93	REDESIGN	CDI
1–94	AS–BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, BOTH BEING KEPT IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

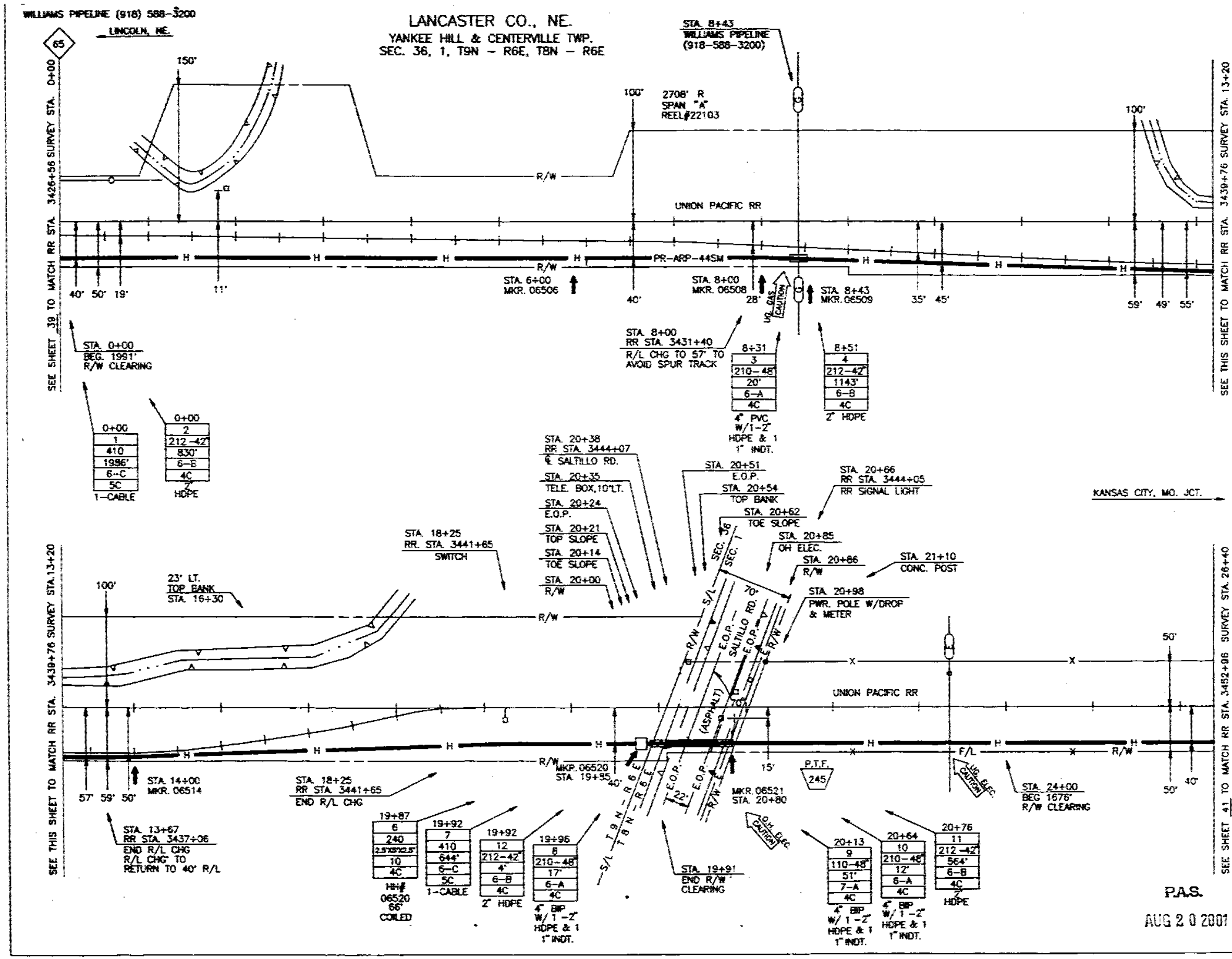
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC.ID.041

MP 64 TO MP 65

SHEET 39 OF 557

DWG. NO. 05660039.01A



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE		
SURVEY	2640	LF
RAILROAD	2640	LF

MATERIAL LIST	QUANTITY
CABLE	2708'
4" GIP	
4" PVC	20'
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	6
10M STRAND	
10" STEEL CASING	
4" BIP	80'
2" H.D.P.E.	2641'
1" INDT.	100'
HH 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-93	REDESIGN	CDI
1-94	AS-BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, SHALL BE USED IN STRICT CONFIDENCE, AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

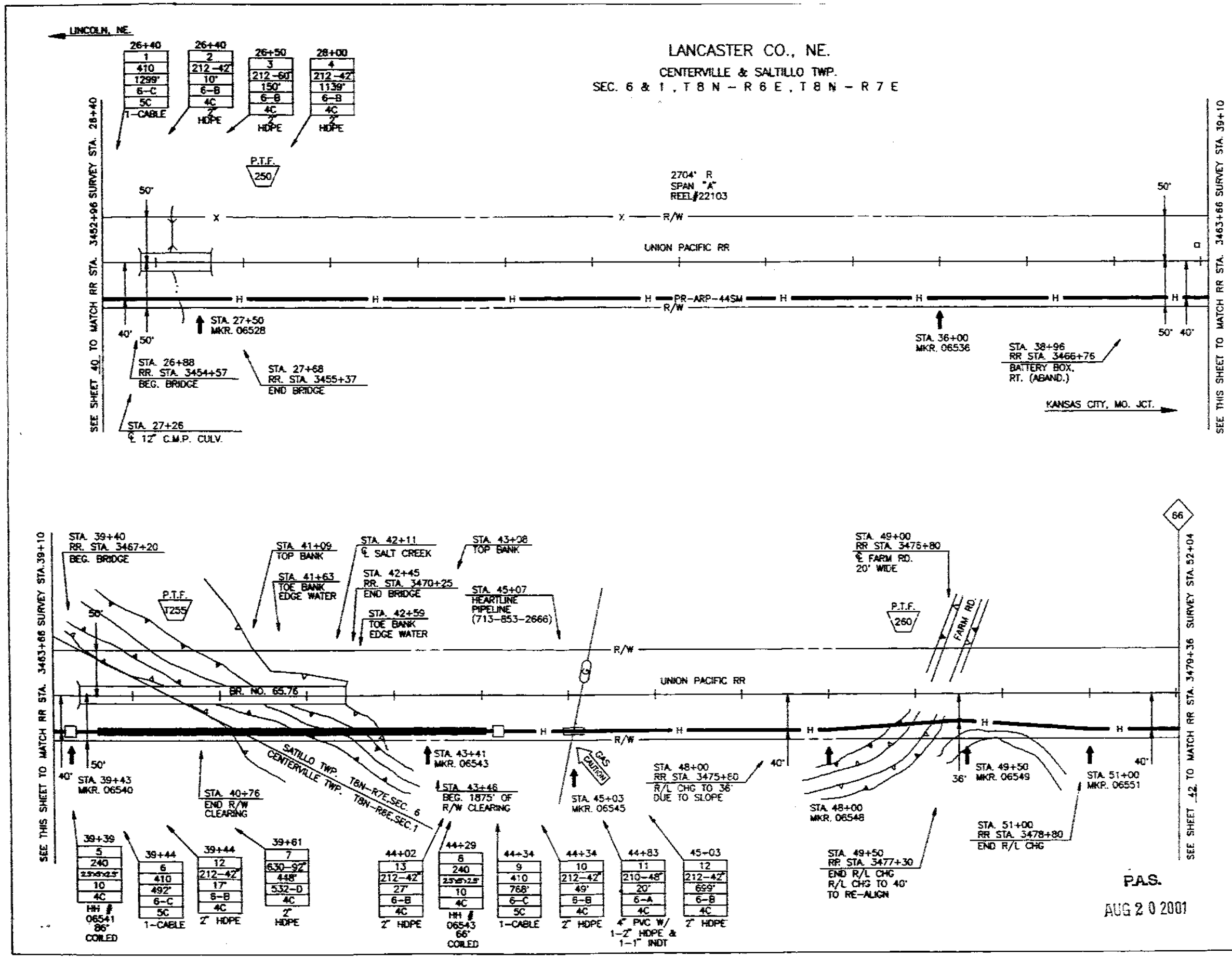
SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'

DEPT. ID. LOC. ID. 041

MP 65 TO MP 66

SHEET 40 OF 557

DWG. NO. 05660040.01A



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2564 LI
RAILROAD 2564 LI

MATERIAL LIST	QUANTIT
CABLE	2704'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	8
10M STRAND	
10" STEEL CASING	
4" BIP	
2" H.D.P.E.	2552'
HH 2.5'X5'X2.5'	2
1" INDT.	20'
4" PVC	20'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1–93	REDESIGN	CB
1–94	AS–BUILT	PT

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, WERE PREPARED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

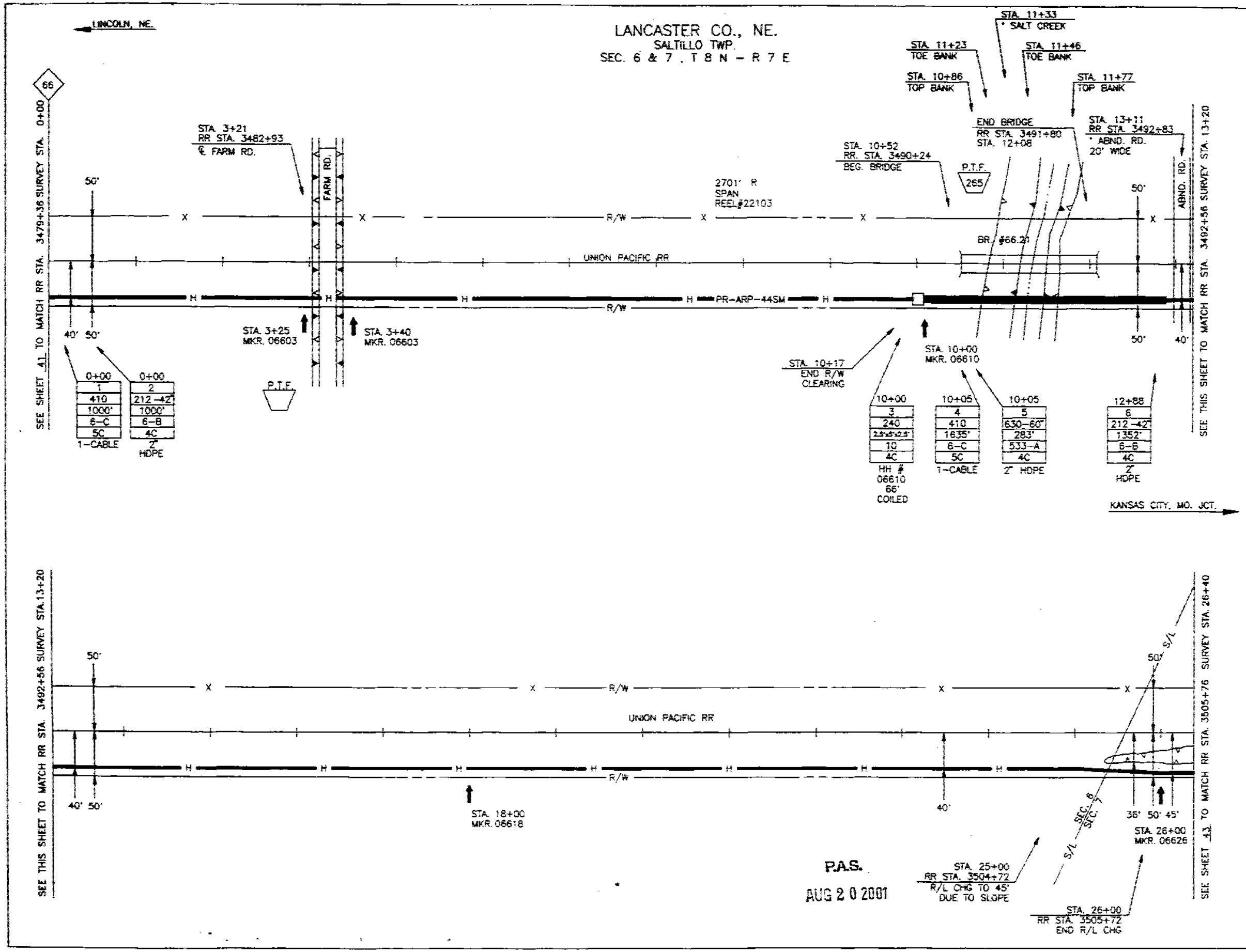
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 04

MP 65 TO MP 66

SHEET 41 OF 557

DWG. NO. 05660041.01A



PROJECT # 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2640 L
RAILROAD 2640 L

MATERIAL LIST	QUANTIT
CABLE	2701'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" BIP	
2" H.D.P.E.	2635'
HH 2.5'X5'X2.5'	1
1" INDT.	

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIA
1-93	REDESIGN	CDI
1-94	AS-BUILT	PTS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI TELECOMMUNICATIONS CORPORATION, BOTH WORK ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

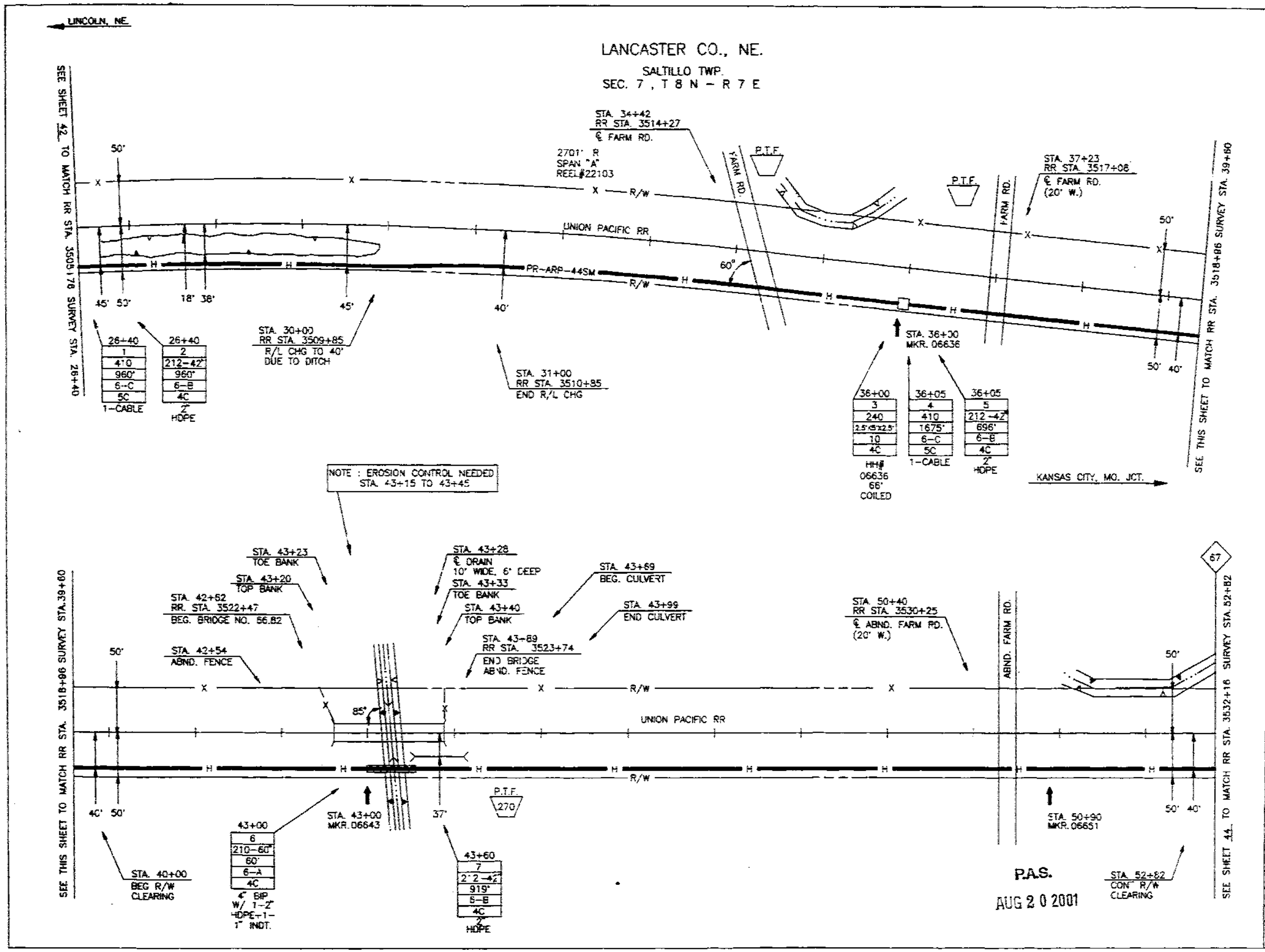
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC.ID.041

MP 66 TO MP 67

SHEET 42 OF 557

DWG. NO.
05660042.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2642 L
RAILROAD 2642 L

MATERIAL LIST	QUANTIT
CAB.E	2701'
4" GIP	
4" PVC	
1 1/2" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	3
10M STRAND	
10" STEEL CASING	
4" BIP	60'
2" H.D.P.E.	2635'
1" INDT.	60'
HH 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-93	REDESIGN	CDI
1-94	AS-BUILT	PTS

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SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT.ID. LOC.ID.041

MP 66 TO MP 67

SHEET 43 OF 557

DWG. NO.
05660043.01A

LINCOLN, NE.

LANCASTER CO., NE.
SALTILLO TWP.
SEC. 7, T 8 N - R 7 E

67

SEE SHEET 43 TO MATCH RR STA. 3532+16 SURVEY STA. 0+00

2785' R
SPAN "A"
REEL#22103

50'

R/W

UNION PACIFIC RR

H — PR-ARP-44SM — H

40' 50'

MKR.06707
STA.6+50

STA. 0+00
CLEARING
CONT. R/W

0+00	0+00
1	2
410	212-42'
1311'	1221'
6C	6-B
5C	4C
1-CABLE	2"HDPE

STA. 10+46
RR STA. 3543+14
℄ ABND. FARM RD.
(20' WIDE)

ABND. FARM RD.

40'

STA. 10+36
END R/W CLEARING

STA. 10+56
BEG. 174' R/W
CLEARING

12+35	12+40	12+40
5	6	7
240	410	212-42'
4.5'X5'X2.5'	1402'	1001'
10	6-C	6-B
4C	5C	4C
HH# 06713 72' COILED	1-CABLE	2" HDPE

STA. 12+40
BEG. 2577' R/W
CLEARING

STA.12+30
MKR.06712

50 40'

H

36'

32'

STA. 12+30
END R/W CLEARING

STA.12+30
MKR.06712

50'

12+25	12+30	12+30
10	3	11
210-48'	110-66'	210-48'
10'	70'	10'
6-A	7-B	6-A
4C	4C	4C
4" BIP W/ 1-2" HDPE+1-1" INDT.	4" BIP W/ 1-2" HDPE+1-1" INDT	4" BIP W/ 1-2" HDPE+1-1" INDT.

STA. 12+35
RR STA. 3544+98
R/L CHG TO
CROSS TRACKS

SEE THIS SHEET TO MATCH RR STA. 3545+36 SURVEY STA.13+20

KANSAS CITY, MO. JCT.

SEE THIS SHEET TO MATCH RR STA. 3545+36 SURVEY STA13+20

40' 50'

STA.17+50
MKR.06718

R/W

UNION PACIFIC RR

H — H — H — H — H — H — H — H — H

50'

22+35	22+40
10	8
2108-60'	212-60'
80'	41'
6	6-B
4C	4C
4" SPLIT BSP E/W 1-1.25" INDT.	2" HDPE

P.T.F.
275

41'

STA.23+00
MKR.06723

41'

22+80
9
212-42'
360'
6-B
4C
2" HDPE

STA. 26+40
CONTINUE R/W
CLEARING

50' 40'

50'

BR. NO. 67.43

STA. 21+99
ABND. FENCE

STA. 22+35
RR. STA. 3555+03
BEG. BRIDGE

STA. 22+60
℄ DRAIN
4'WIDE X 2'DEEP

STA. 23+15
RR. STA. 3555+83
END BRIDGE

STA. 23+32
FENCE

SEE SHEET 45 TO MATCH RR STA.3558+56 SURVEY STA26+40

MAINTENANCE PROJECT #90694C:
ROCA, NEBRASKA DRAINAGE CREEK NEW.
PLACED 80' OF 4" SPLIT BSP

P.A.S.
AUG 2 0 2001

PROJECT: #05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE

SURVEY	2640	LF
RAILROAD	2640	LF

MATERIALS	QUANTITY
CABLE	2785'
4" GIP	
4" PVC	
1 1/4" CORR. INDT	80'
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS	5
10M STRAND	
10" STEEL CASING	
4" BIP	90'
2" H.D.P.E.	2713'
HH 2.5'X5'X2.5'	1
1" INDT	90'
4" SPLIT BSP	80'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBEROPTIC CABLE ROUTE
KANSAS CITY, MO. JCTG — LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-93	REDESIGN	CDI
9/97	MAINT. PROJ. #90694C	EJB

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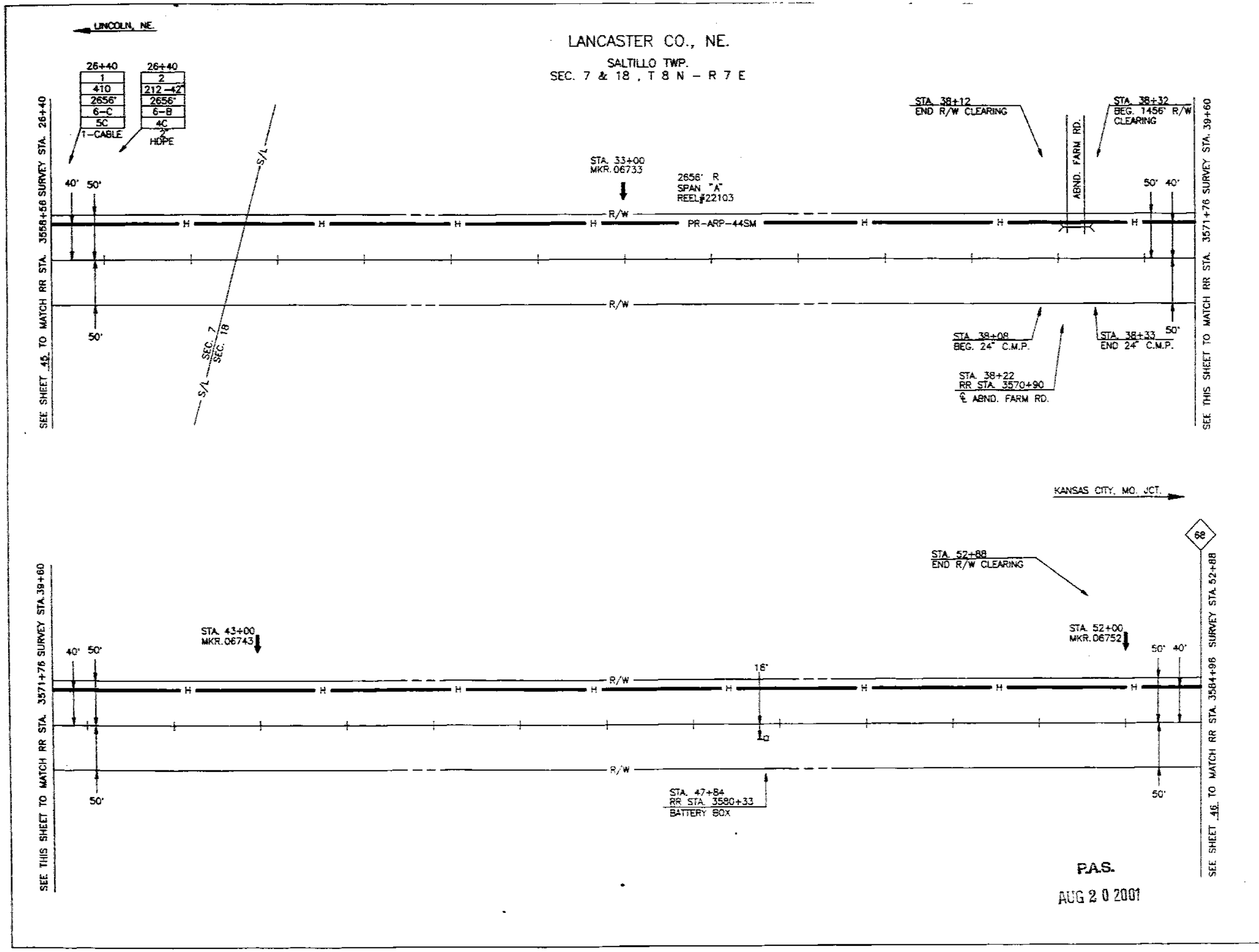
SCALE
HORIZONTAL 1" = 50'
VERTICAL 1" = 50'

DEPT.ID. LOC.ID041

MP 67 TO MP 68

SHEET 44 OF 557

DWG. NO. 05660044.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE		
SURVEY	2648	LF
RAILROAD	2648	LF

MATERIAL LIST	QUANTITY
CABLE	2656'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	3
10M STRAND	
10" STEEL CASING	
4" BIP	
2" H.D.P.E.	2656'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1–93	RR STA	CDI
1–94	AS–BUILT	FTS

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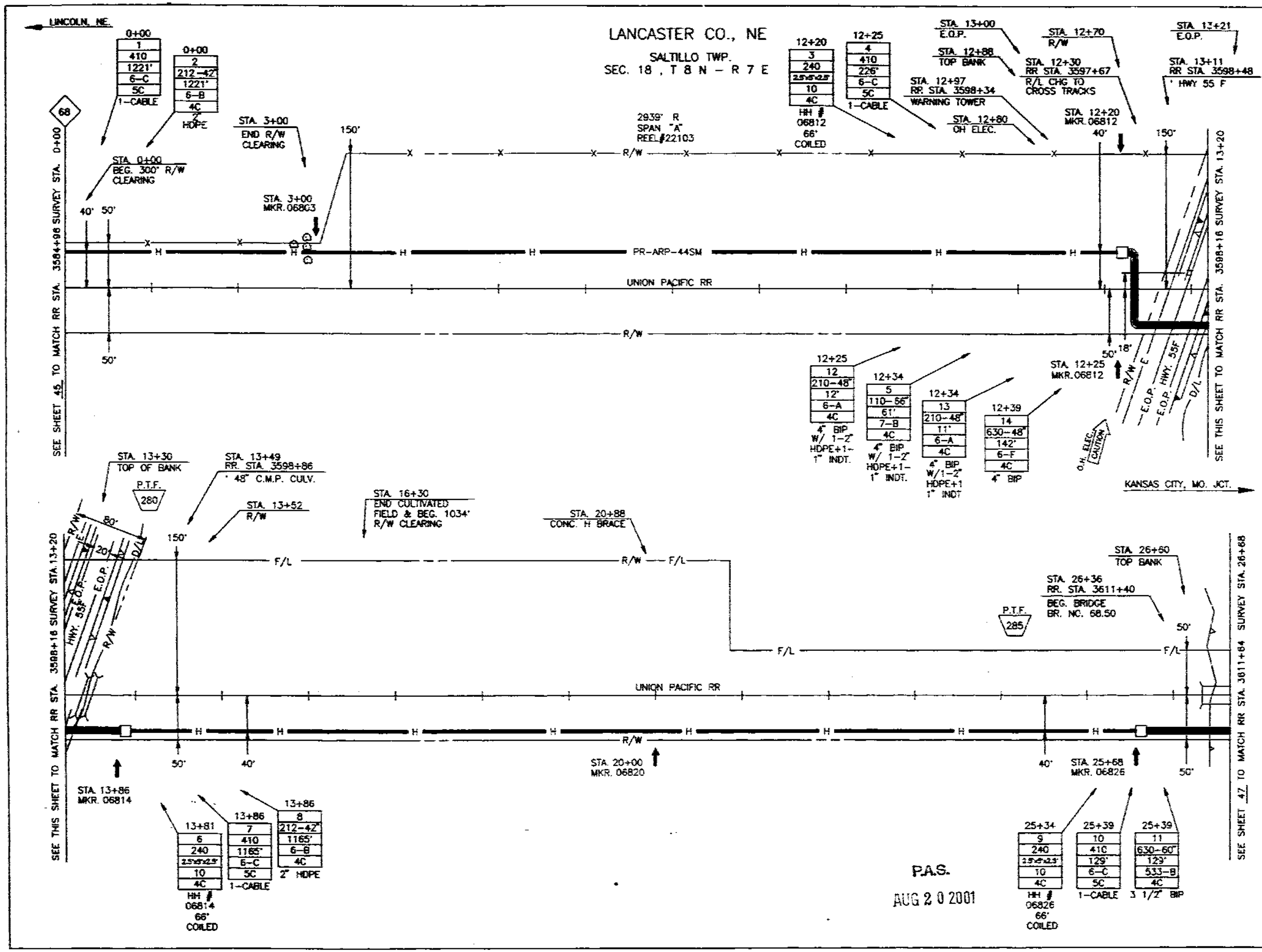
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 041

MP 67 TO MP 68

SHEET 45 OF 557

DWG. NO. 05660045.01A



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2668 L
RAILROAD 2640 L

MATERIAL LIST	QUANTI
CABLE	2939'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" BIP	226'
2" H.D.P.E.	2470'
HH 2.5'X5'X2.5'	2
1" INNERDUCT	83'
3 1/2" BIP	129'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1–93	REDESIGN	CD
1–94	AS–BUILT	PTS

SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 041

MP 68 TO MP 69

SHEET 46 OF 557

DWG. NO. 05660046.01A

LINCOLN TELEPHONE CO.

LINCOLN, NE.

LANCASTER CO., NE
SALTILLO TWP.
SEC. 18 & 19 , T 8 N – R 7 E

SEE SHEET 46 TO MATCH RR STA. 3611+64 SURVEY STA. 26+68

STA. 26+98
SALT CREEK

STA. 27+11
TOE BANK
EDGE WATER

STA. 26+85
TOE BANK
EDGE WATER

STA. 27+54
TOP BANK

STA. 27+47
RR. STA. 3612+51
END BRIDGE

STA. 31+12
RR STA. 3616+16
BATTERY BOX

FENCE & POST
STA. 32+90

SEC. 18 / SEC. 19 S/L

2724' R
SPAN "A"
REEL#22103

BR. NO. 68.50

UNION PACIFIC RR.

PR-ARP-44SM

STA. 34+50
MKR. 06835

STA. 26+68
CONT. R/W
CLEARING

STA. 28+62
MKR. 06828

STA. 28+33
BEG. 1265' R/W
CLEARING

26+68	26+68	28+57	28+62	28+62
1	2	3	4	5
410	630-60'	240	410	212-42'
189'	189'	2.5"x2.5"	2502'	1226'
6-C	533-B	10	6-C	6-B
5C	4C	4C	5C	4C
1-CABLE	3 1/2" BIP	HH # 06828 66' COILED	1-CABLE	2" HDPE

NOTE: BURIED TELEPHONE CABLE IN AREA: LINCOLN TELEPHONE COMPANY

SEE THIS SHEET TO MATCH RR STA. 3625+12 SURVEY STA. 40+16

SEE THIS SHEET TO MATCH RR STA. 3625+12 SURVEY STA.40+16

STA. 42+02
TOE BANK

STA. 41+60
TOP BANK

STA. 41+65
RR. STA. 3627+05
BEG. BRIDGE
& CONC. H POST

STA. 42+31
SALT CREEK

P.T.F.
290

STA. 42+60
TOE BANK

STA. 42+70
TOP BANK

STA. 43+04
RR. STA. 3628+44
END BRIDGE

STA. 43+26
ABAN. FC. LN.

STA. 47+75
PVT. DRIVE
(20' W. GRAVEL)

P.T.F.

PVT. DRIVE

KANSAS CITY, MO. JCT.

SEC. 20 / SEC. 19 S/L

BR.#68.79

UNION PACIFIC RR

DRIVE

PRIVATE

STA. 39+50
MKR. 06839

STA. 43+84
MKR. 06844

STA. 47+55
MKR. 06848

STA. 48+16
MKR. 06848

STA. 40+98
END R/W
CLEARING

40+88	43+74	47+55	48+16
6	7	8	9
630-120'	212-42'	630-60'	212-42'
286'	381'	61'	544'
533-C	6-B	6-F	6-B
4C	4C	4C	4C
2" HDPE	2" HDPE	2" HDPE	2" HDPE

SEE SHEET 48 TO MATCH RR STA. 3637+76 SURVEY STA. 53+64

P.A.S.
AUG 2 0 2001

PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT
TO
LINCOLN, NE.

MAP FOOTAGE	
SURVEY	2696
RAILROAD	2640

MATERIAL LIST	QUAN.
CABLE	2724'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	6
10M STRAND	
10" STEEL CASING	
4" BIP	
2" H.D.P.E.	2498'
1" INDT.	
HH 2.5'X5'X2.5'	1
3 1/2" BIP	189'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INI.
1-93	REDESIGN	C
1-94	AS-BUILT	F

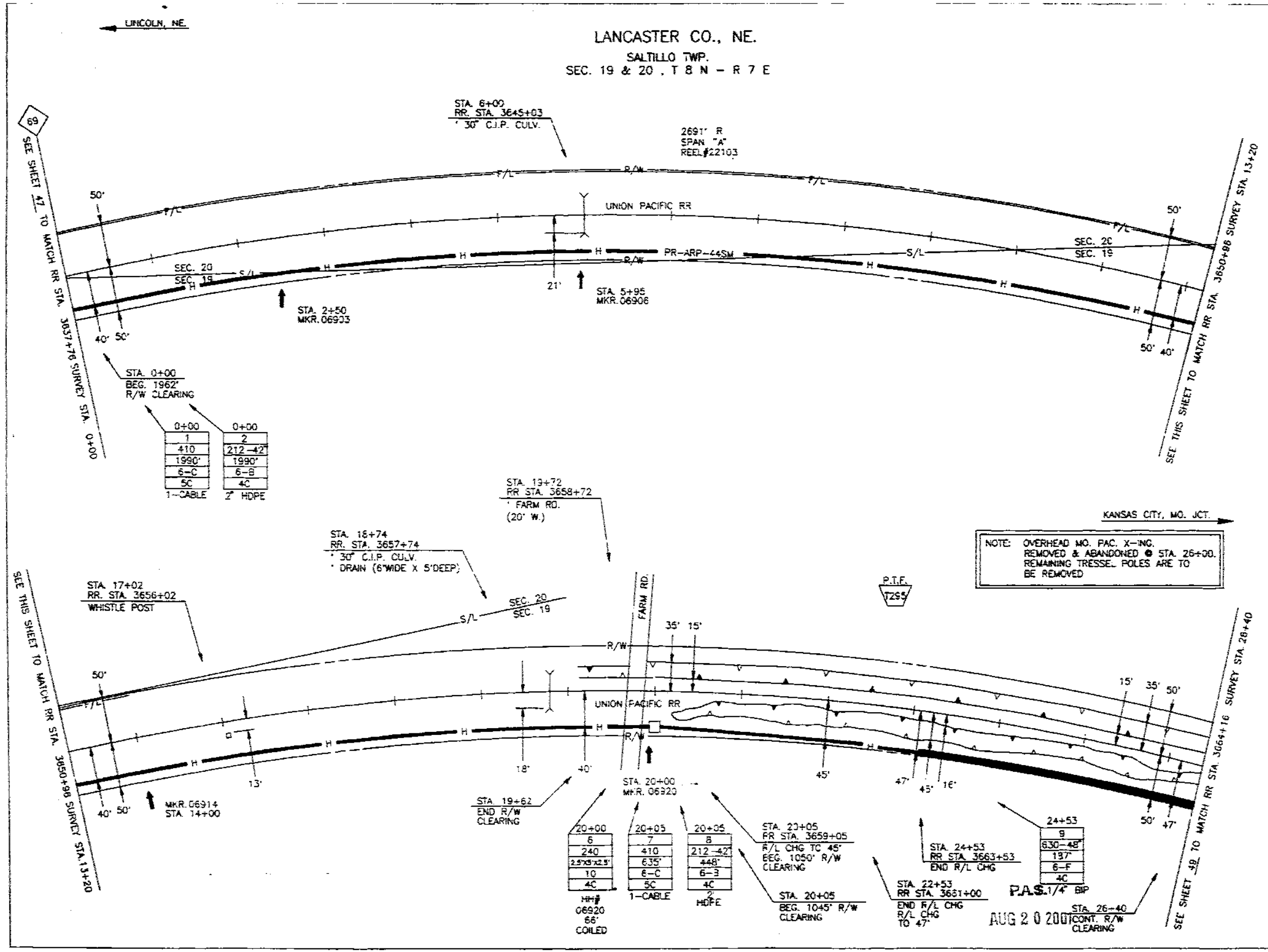
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID.O-

MP 68 TO MP 69

SHEET 47 OF 557

DWG. NO. 05660047.01A



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2640
RAILROAD 2640

MATERIAL LIST	QUANT
CABLE	2691'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	4
10M STRAND	
10" STEEL CASING	
3 1/2" EIP	167'
2" H.D.P.E.	2438'
HH 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-93	REDESIGN	G
1-94	AS-BUILT	R

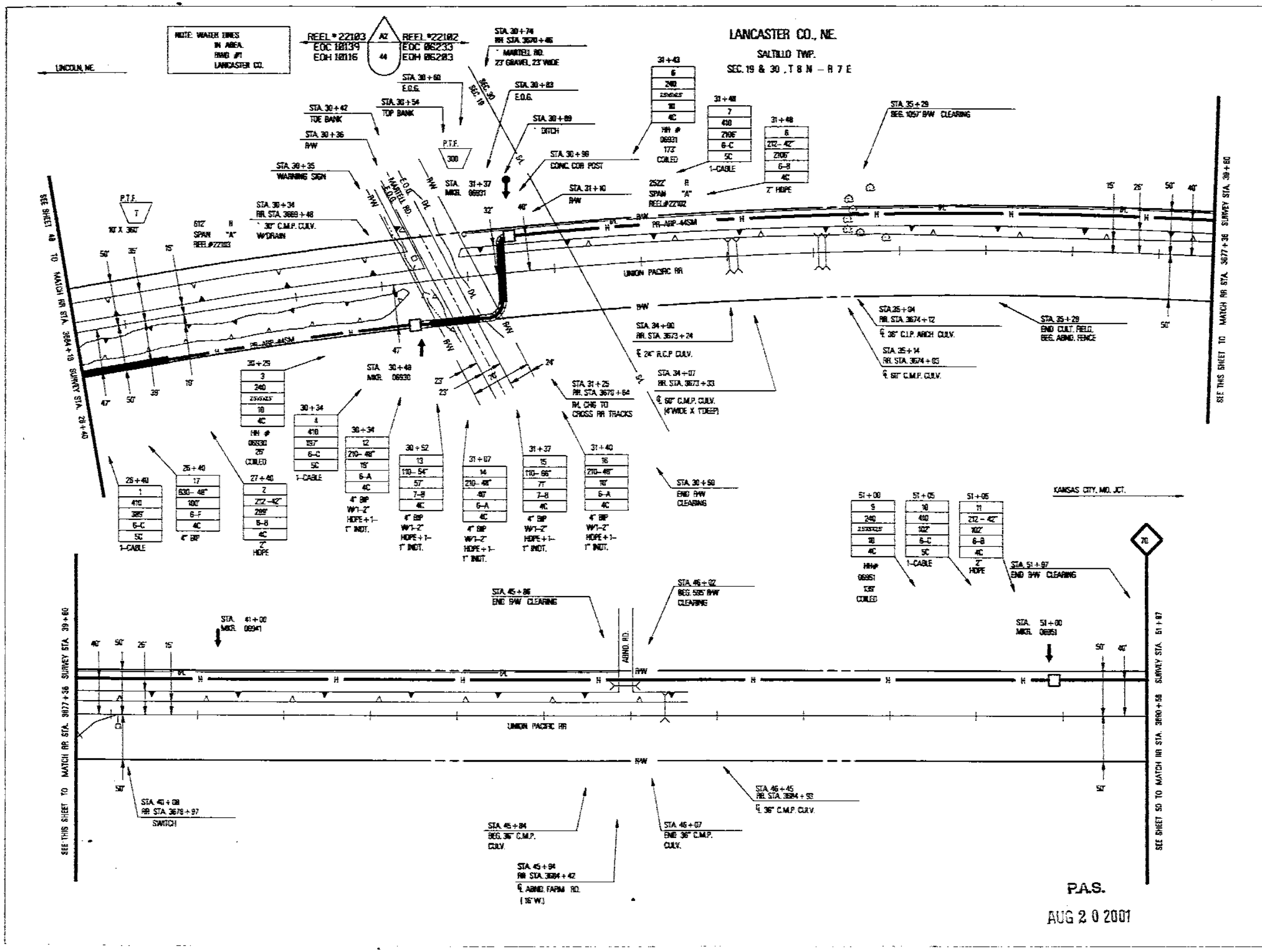
SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'

DEPT. ID. LOC.ID.04

MP 69 TO MP 70

SHEET 48 OF 557

DWG. NO. 05660048.01A



31+43
6
240
2.5X50X25
18
4C

HH # 06931 173' COILED

31+48
7
410
2106'
6-C
5C

1-CABLE

31+48
8
212 – 42"
2106'
6-B
4C

2" HDPE

25+49
1
410
385'
6-C
5C

1-CABLE

25+40
17
630 – 48"
100'
6-F
4C

4" BIP

27+40
2
272 – 42"
289'
6-B
4C

2" HDPE

30+34
4
410
197'
6-C
5C

1-CABLE

35+25
3
240
2.5X50X25
18
4C

HH # 06930 257' COILED

30+34
12
210 – 48"
19'
6-A
4C

4" BIP W/1-2" HDPE + 1-1" INDT.

30+52
13
110 – 54"
57'
7-B
4C

4" BIP W/1-2" HDPE + 1-1" INDT.

31+07
14
210 – 48"
48'
6-A
4C

4" BIP W/1-2" HDPE + 1-1" INDT.

31+37
15
110 – 66"
71'
7-B
4C

4" BIP W/1-2" HDPE + 1-1" INDT.

31+40
16
210 – 48"
16'
6-A
4C

4" BIP W/1-2" HDPE + 1-1" INDT.

51+00
9
240
2.5X50X25
18
4C

HH# 06951 137' COILED

51+05
10
410
102'
6-C
5C

1-CABLE

51+05
11
212 – 42"
102'
6-B
4C

2" HDPE

PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO UNCOLN, NE.

MAP FOOTAGE

SURVEY	2557	LF
RAILROAD	2546	LF

MATERIAL LIST	QUANTITY
CABLE	3134'
4" GIP	
4" PVC	
1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3'x 5'x 4'	
MH 4'x 4'x 4'	
BUR. CA. MKRS.	4
10M STRAND	
18" STEEL CASING	
4" BIP	297'
2" H.D.P.E.	2694'
1" INDT.	297'
HH 2.5'X5'X2.5'	3

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE KANSAS CITY, MO. JCT. TO UNCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-10	REDESIGN	CDI
8-01	RR STATION ADDED TO 94, CHG	CDI

SCALE

HORIZONTAL : 1" = 50'

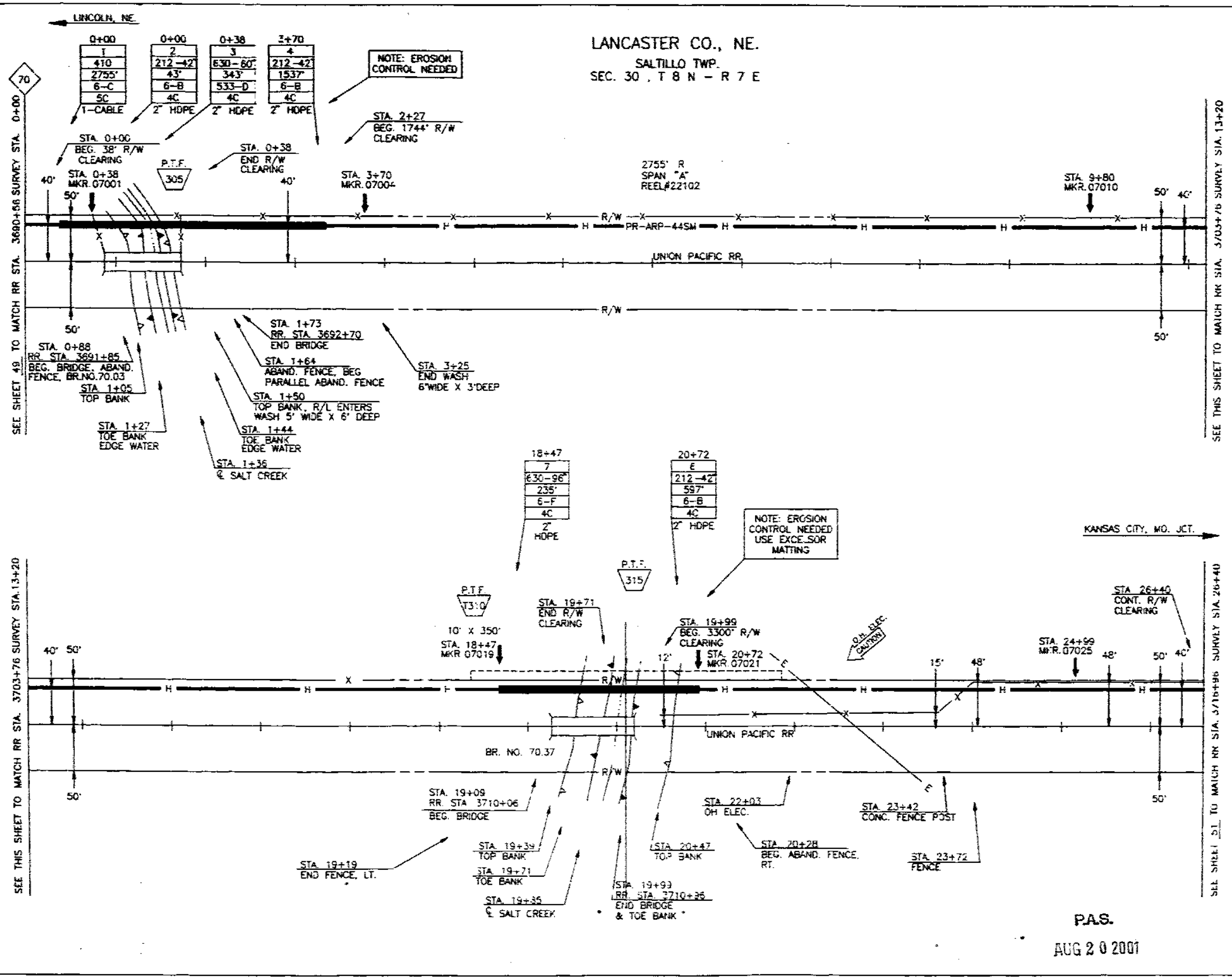
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 041

MP 69 TO MP 76

SHEET 48 OF 557

DWG. NO. 05660049.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JC TO LINCOLN, NE.

MAP FOOTAGE
SURVEY 2640
RAILROAD 2640

MATERIAL LIST	QUAN
CABLE	2755
4" GIP	
4" PVC	
1 1/4 CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BJR. CA. MKRS.	6
10M STRAND	
10" STEEL CASING	
4" BIP	
2" HDPE	2755
1" INDT.	

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1–93	DIRECTIONAL BORE	C
1–94	AS–BUILT	P

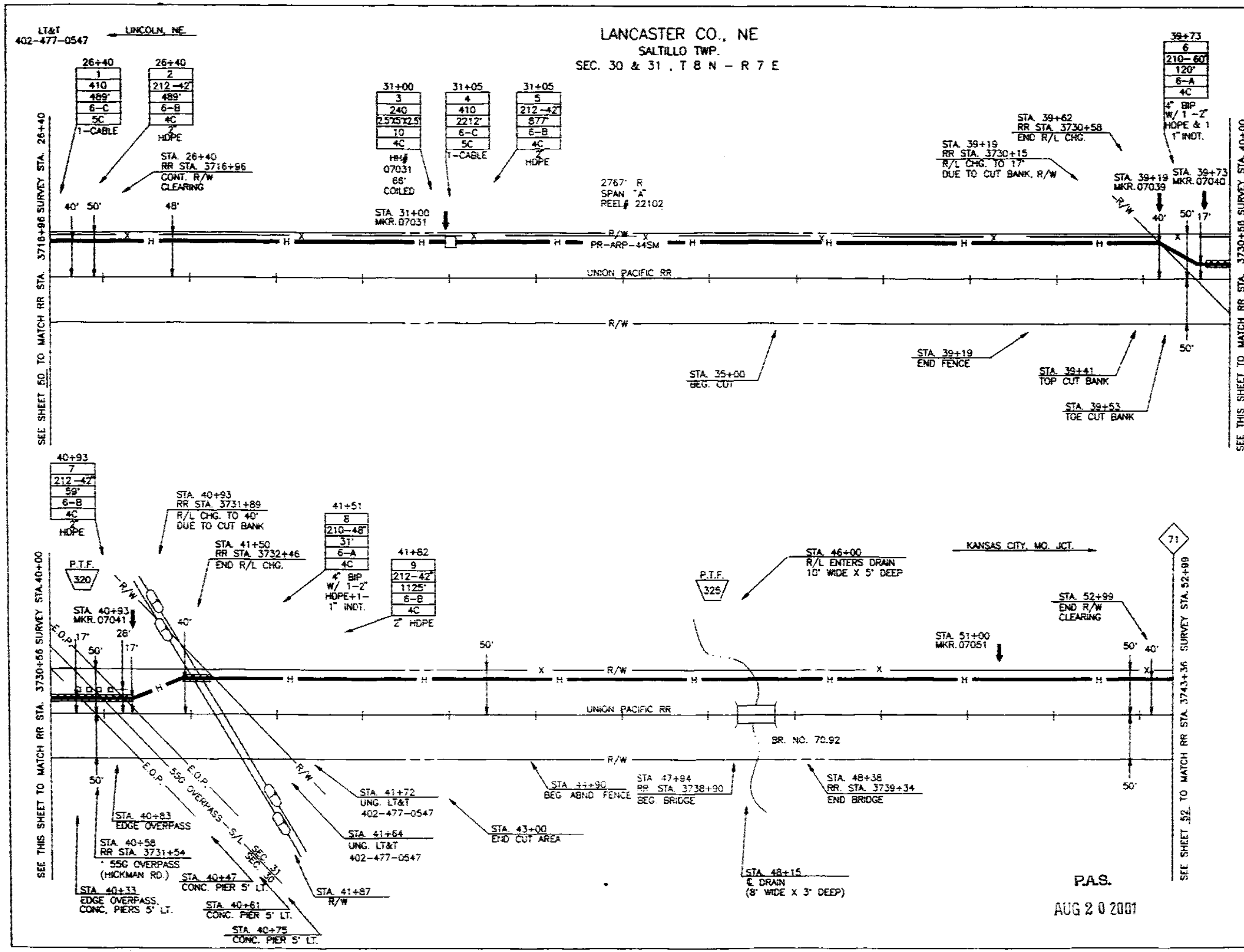
SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'

DEPT. ID. | LOC. ID. 04

MP 70 TO MP 71

SHEET 50 OF 557

DWG. NO. 05660050.01A



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JC
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2659
RAILROAD 2640

MATERIAL LIST	QUAN
CABLE	276
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" BIP	15
2" H.D.P.E.	270
HH 2.5'X5'X2.5'	1
1" INDT.	15

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION
1-03	RR STA
1-04	AS-BUILT

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SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 0-

MP 70 TO MP 71

SHEET 51 OF 557

DWG. NO. 05660051.01A

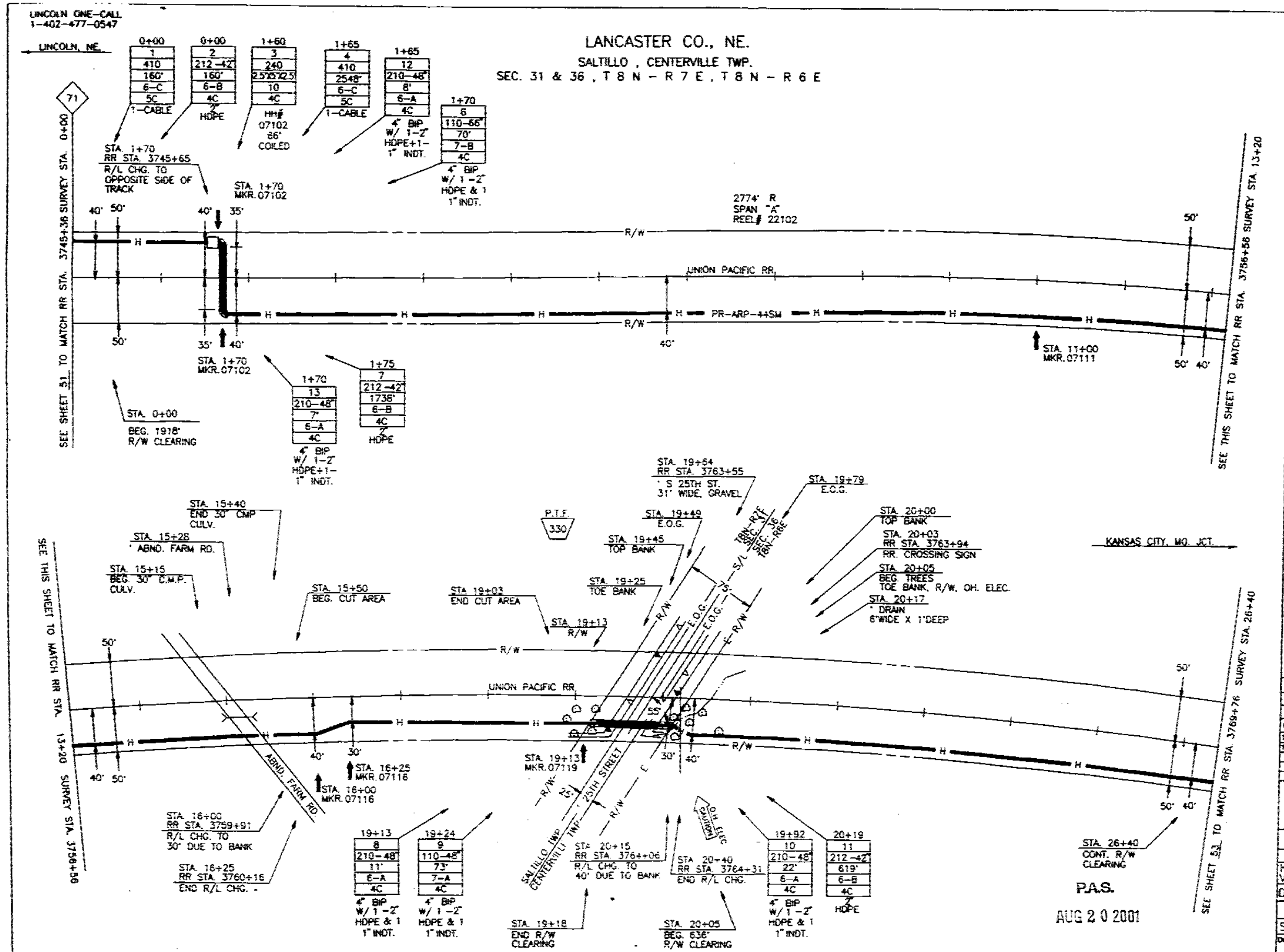
LINCOLN ONE-CALL
1-402-477-0547

LINCOLN, NE.

LANCASTER CO., NE.

SALTILLO , CENTERVILLE TWP.

SEC. 31 & 36 , T 8 N - R 7 E , T 8 N - R 6 E



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JC
TO
LINCOLN, NE.

MAP FOOTAGE	
SURVEY	2640
RAILROAD	2640

MATERIAL LIST	QUAN
CABLE	2774
4" GIP	
4" PVC	
11/4" CORR INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	6
10M STRAND	
10"STEEL CASING	
4" BIP	191'
2" H.D.P.E.	2706
HH 2.5'X5'X2.5'	1
1" INDT.	191'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-03	RR STA	
1-04	AS-BUILT	

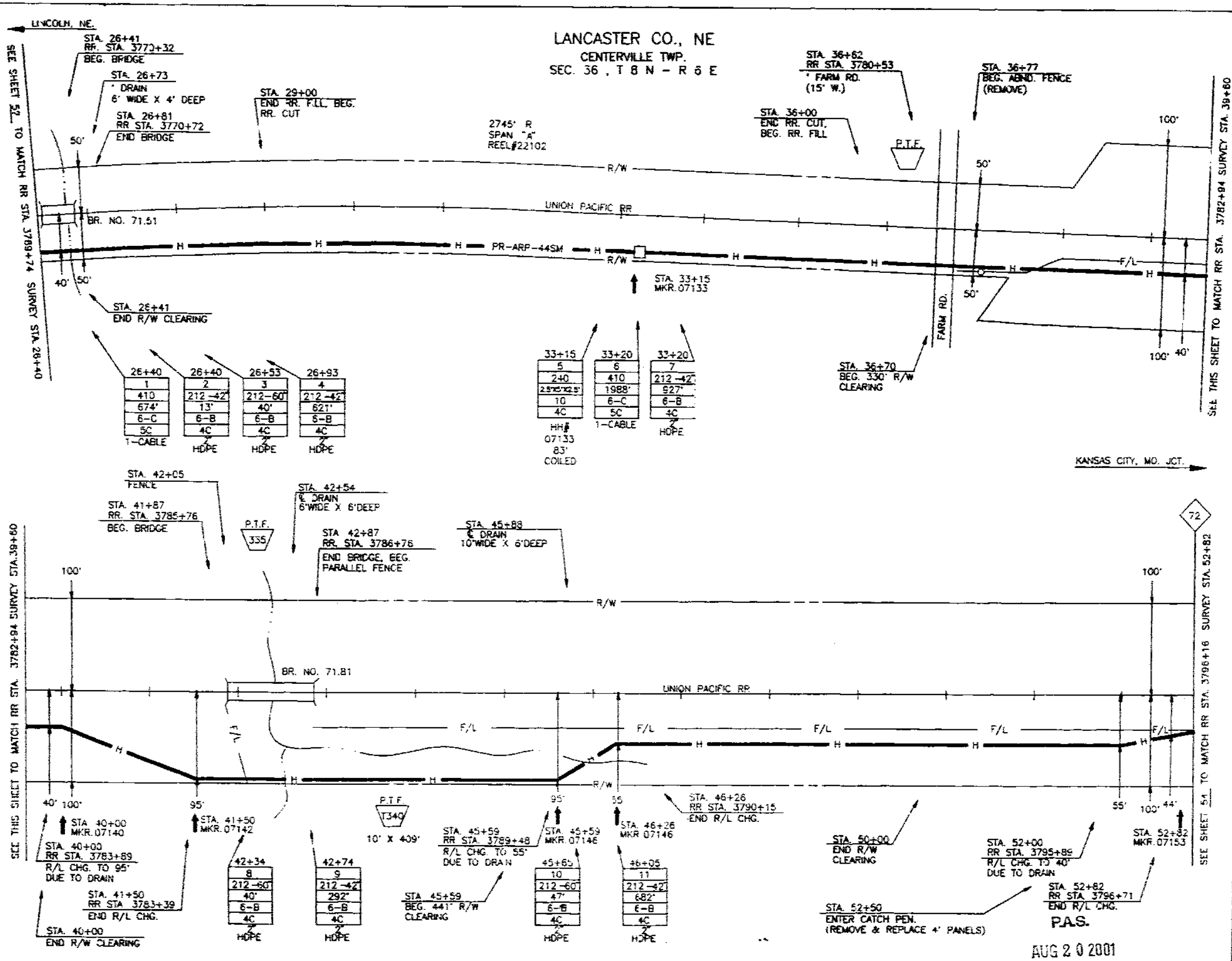
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. | LOC. ID. 04

MP 71 TO MP 72

SHEET 52 OF 557

DWG. NO. 05660052.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JC TO LINCOLN, NE.

MAP FOOTAGE
SURVEY 2642
RAILROAD 2640

MATERIAL LIST	QUAN
CABLE	2745
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" BIP	
2" H.D.P.E.	2682
HH 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-93	RR STA	
1-94	AS-BUILT	

SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC.ID.04

MP 71 TO MP 72

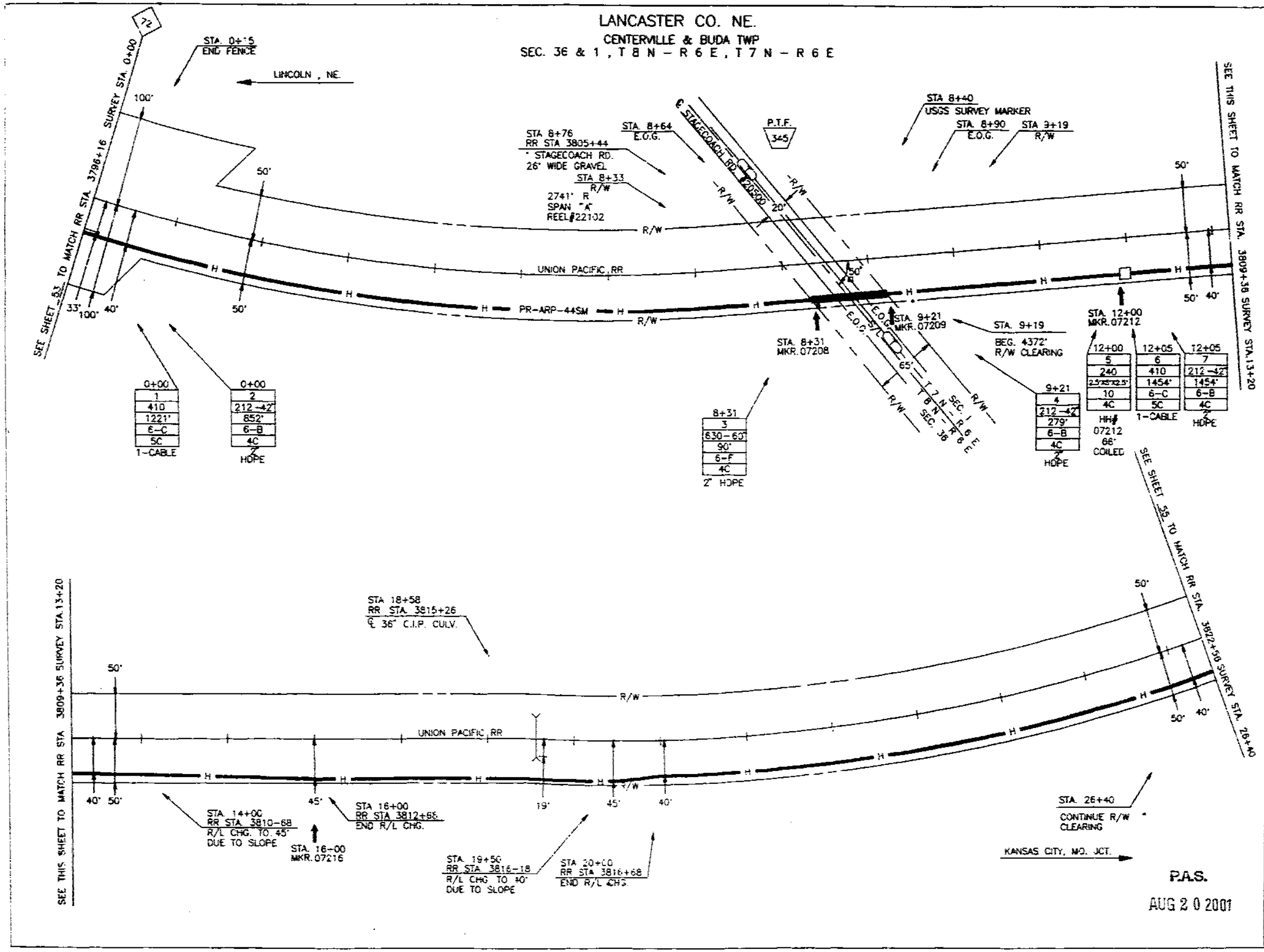
SHEET 53 OF 557

DWG NO. 05660053.01A

LANCASTER CO. NE.

CENTERVILLE & BUDA TWP

SEC. 36 & 1, T 8 N – R 6 E, T 7 N – R 6 E



P.A.S.

AUG 2 0 2001

PROJECT: # 05560

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE	
SURVEY	2640
RAILROAD	2640'
MATERIAL LIST	QUAN
CABLE	27
4" GIP	
4" PVC	
11/4"CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	4
10M STRAND	
10"STEEL CASING	
4" B.I.P.	86'
2" HDPE	26'
1" INDT.	86'
HH 2.5'X5'X2.5'	1

MCI

TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-93	DIRECTIONAL BORE	C
1-94	AS-BUILT	F

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SCALE

HORIZONTAL: 1"=50'

VERTICAL: 1"=50'

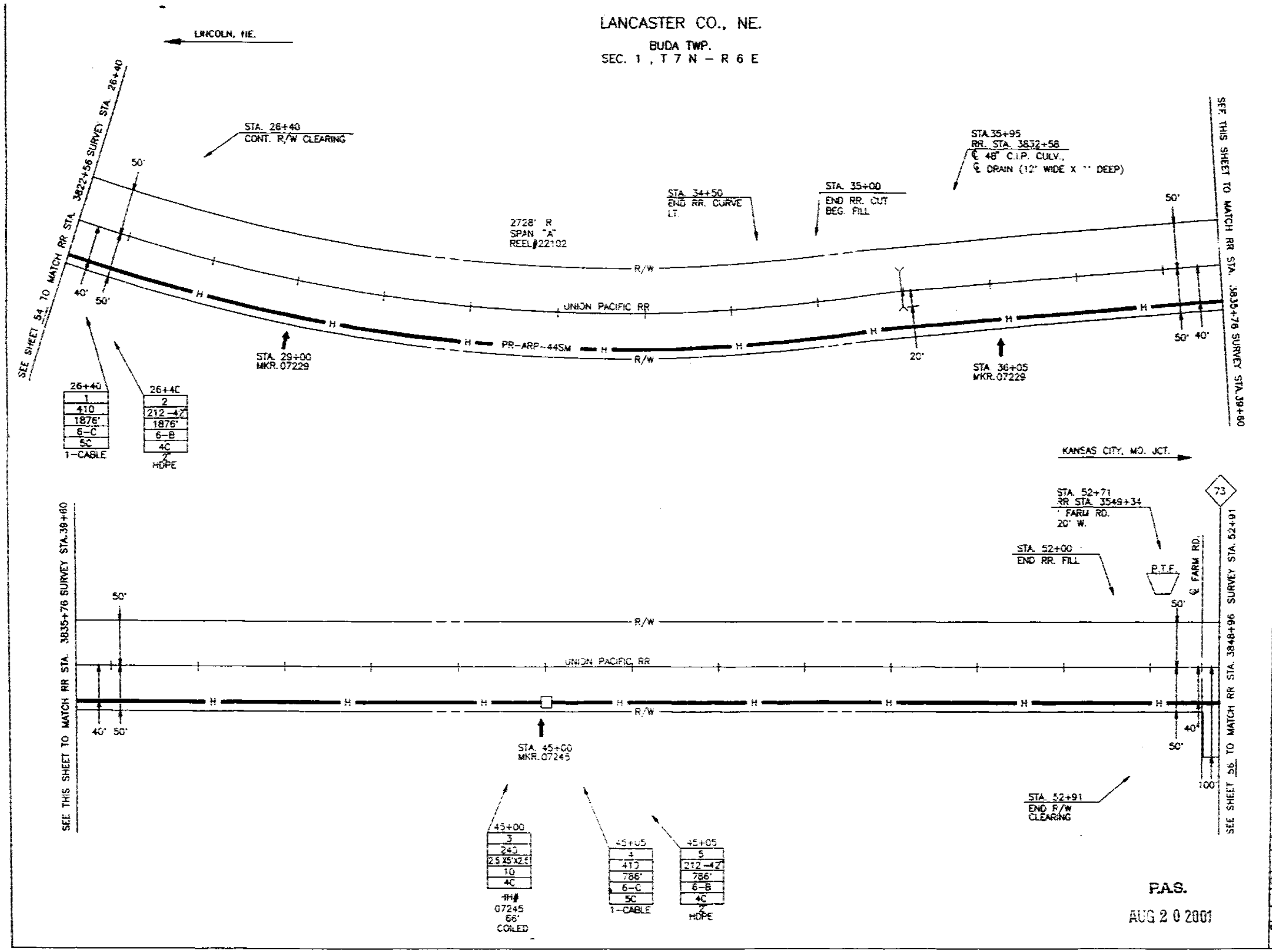
DEPT. ID.

LOC. ID.0-

MP 72 TO MP 73

SHEET 54 OF 557

DWG NO. 05660054.01A



P.A.S.

AUG 2 0 2001

PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JC
TO
LINCOLN, NE

MAP FOOTAGE
SURVEY 2651
RAILROAD 2640

MATERIAL LIST	QUAN
CABLE	27
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	3
10M STRAND	
10"STEEL CASING	
4" BIP	
2" H.D.P.E.	266
HH. 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-93	RR STA	
1-94	AS-BUILT	

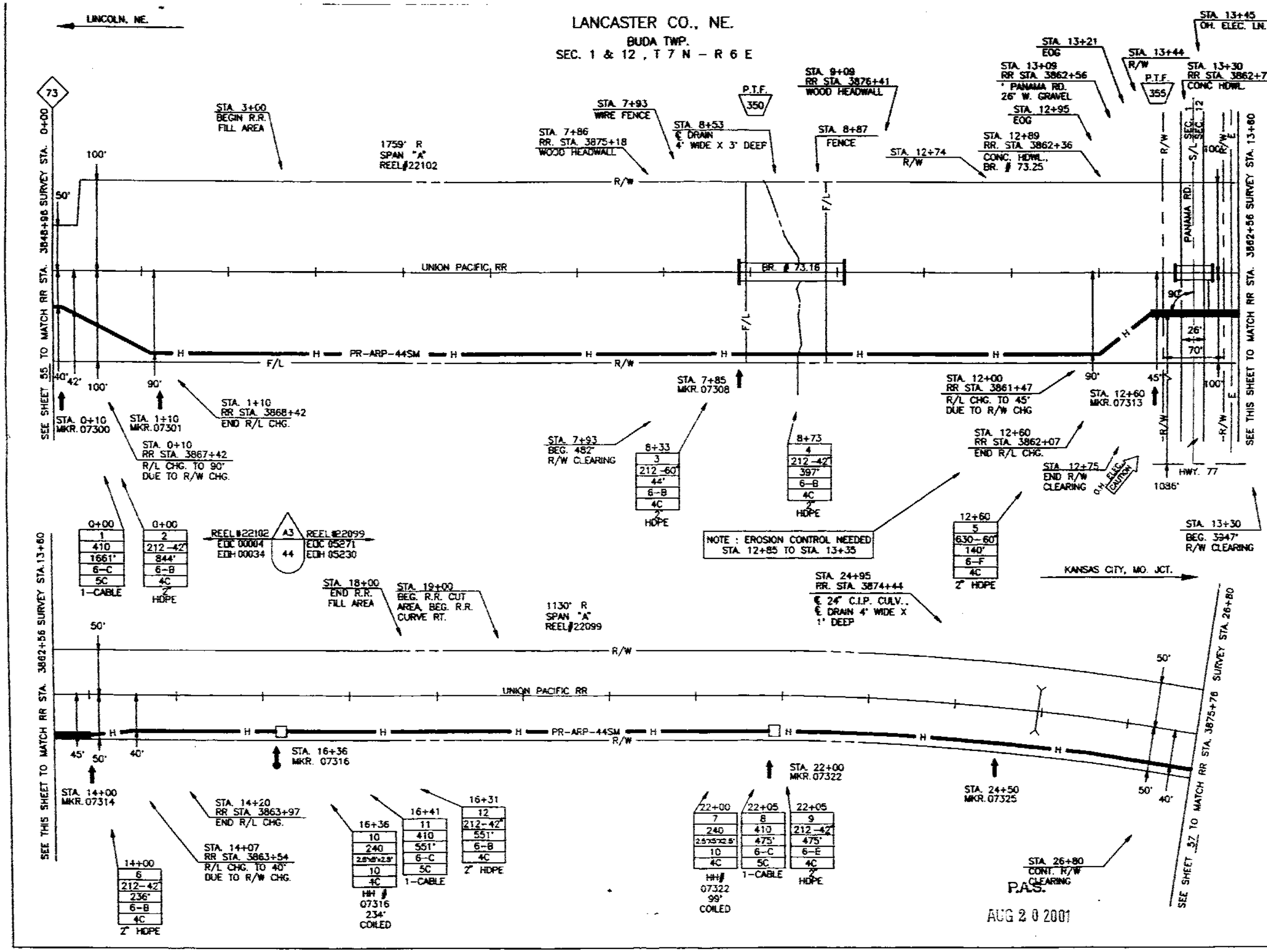
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID | LOC. ID. 04

MP 72 TO MP 73

SHEET 55 OF 557

DWG. NO. 05660055.01A



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JC TO LINCOLN, NE.

MAP FOOTAGE	
SURVEY	2640
RAILROAD	2680

MATERIAL LIST	QUAN
CABLE	30
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	8
10M STRAND	
10" STEEL CASING	
2" H.D.P.E.	26
HH 2.5'x5'x2.5'	2

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION
1-93	DIRECTIONAL BORE
1-94	AS-BUILT

SCALE

HORIZONTAL : 1" = 50'

VERTICAL : 1" = 50'

DEPT. ID. | LOC. ID.

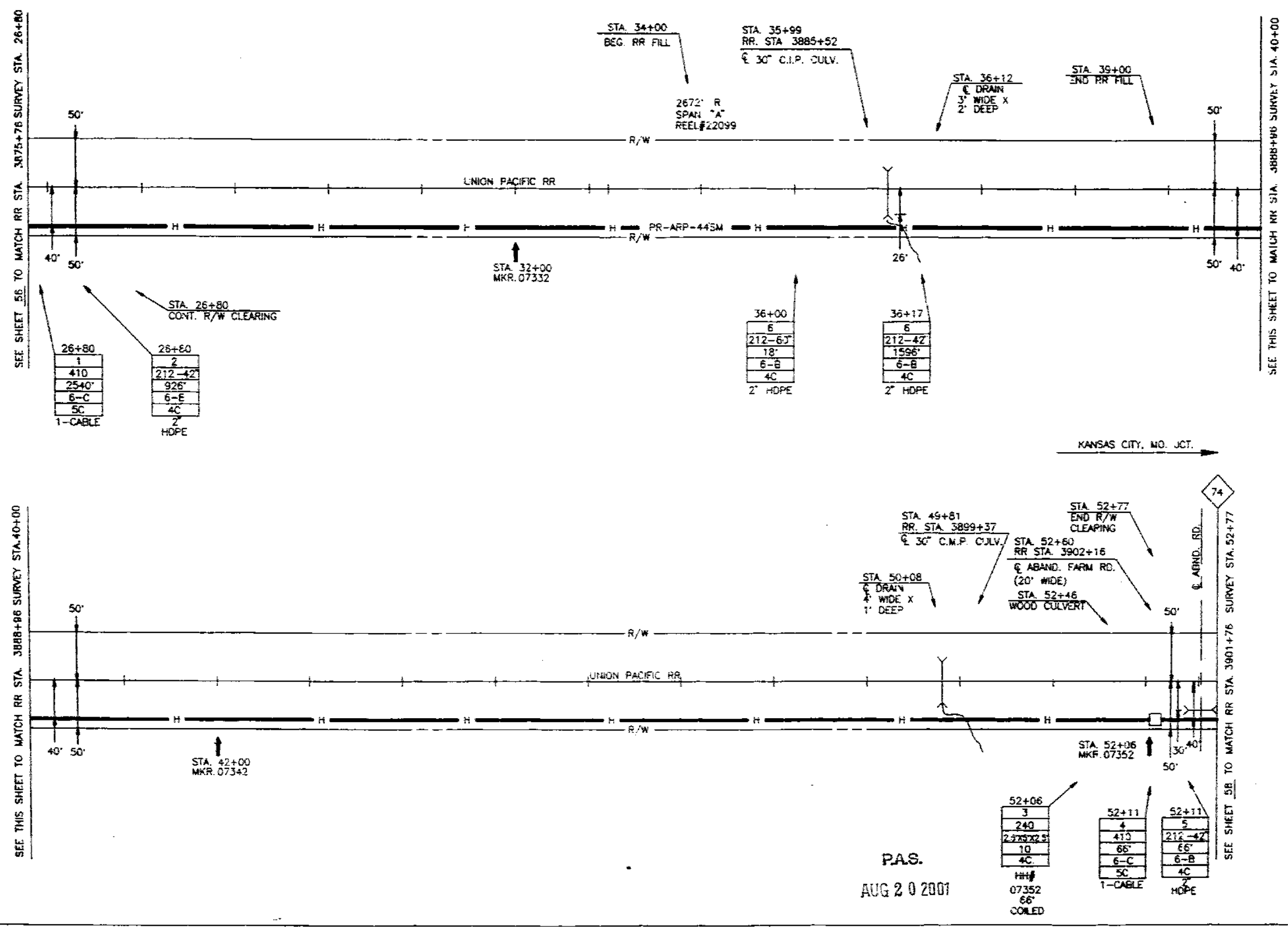
MP 73 TO MP 74

SHEET 56 OF 557

DWG. NO. 05660056.01A

LANCASTER CO., NE.

BUDA TWP.
SEC. 12 ,T 7 N – R 6 E



P.A.S.
AUG 2 0 2001

PROJECT: # 05660
SPAN: "A"
KANSAS CITY, MO. JC
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2597
RAILROAD 2600

MATERIAL LIST	QUAN
CABLE	2672
4" GIP	
4" PVC	
11/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BJR. CA. MKRS.	3
10M STRAND	
10"STEEL CASING	
4" BIP	
2" H.D.P.E.	2606
HH 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

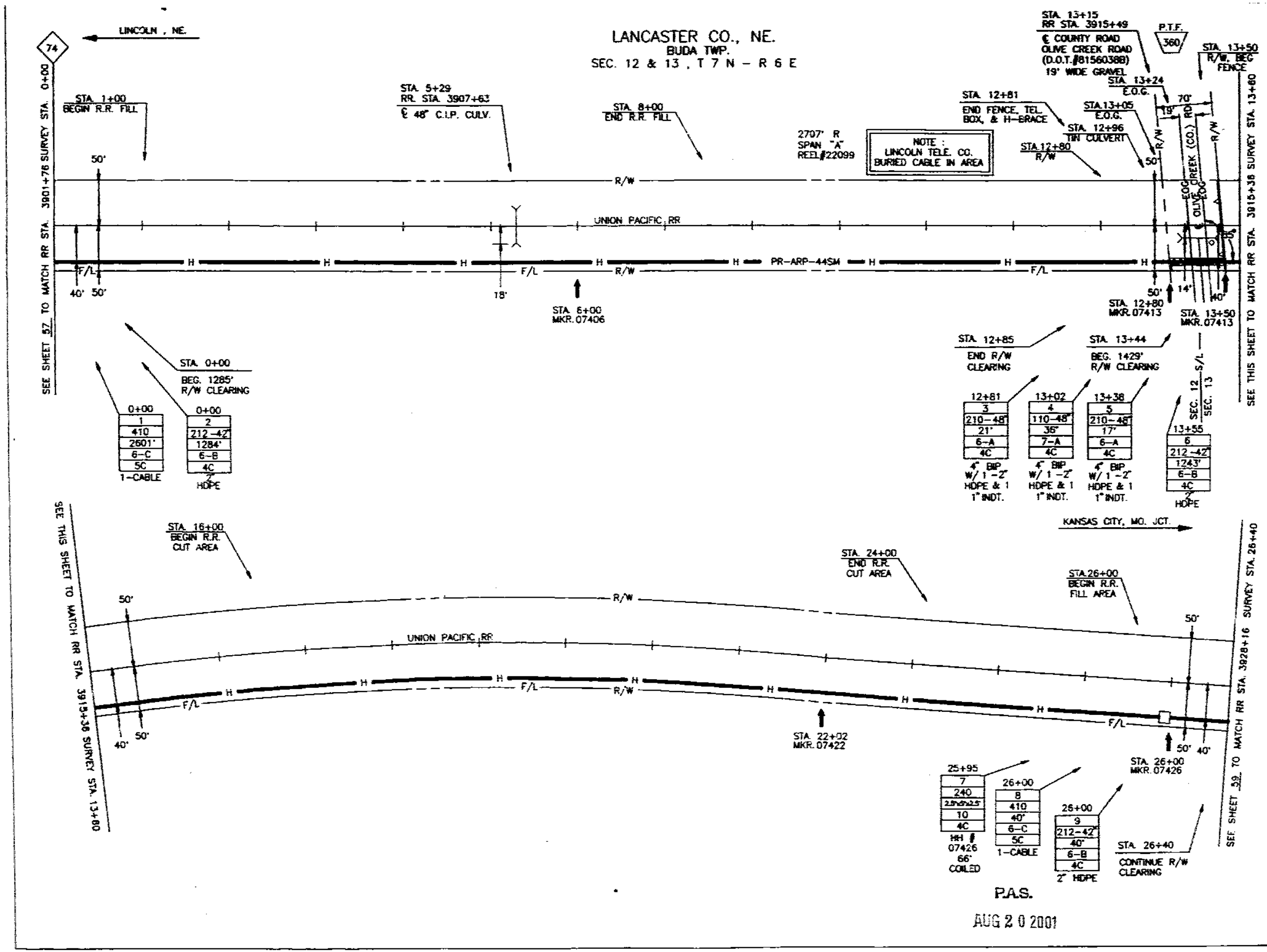
TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT.TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION
1-93	RR STA
1-94	AS-BUILT

SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'
DEPT. ID. LOC.ID.04
MP 73 TO MP 74
SHEET 57 OF 557
DWG. NO. 05660057.01A



P.A.S.

AUG 2 0 2001

PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT
TO
LINCOLN, NE.

MAP FOOTAGE	
SURVEY	2640
RAILROAD	2640

MATERIAL LIST	QUANT
CABLE	2707'
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" B.I.P.	74'
2" H.D.P.E.	2641'
1" INDT.	74'
HH 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JUNCTION TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-93	RR STA	
1-94	AS-BUILT	

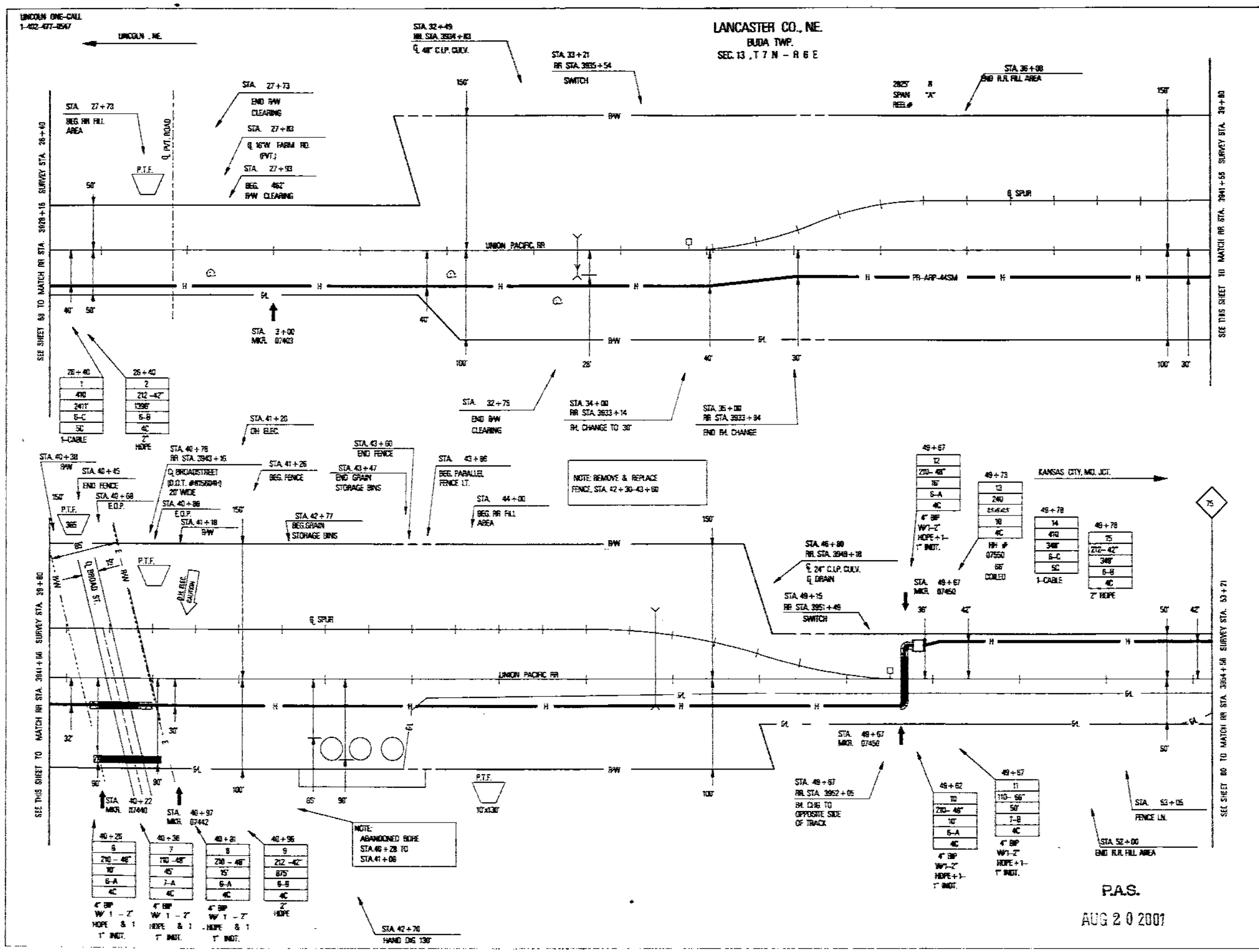
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. | LOC. ID.04

MP 74 TO MP 75

SHEET 58 OF 557

DWG. NO.
05660058.01A



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE		
SURVEY	2681	LF
RAILROAD	2681	LF

MATERIAL LIST	QUANTITY
CABLE	2825
4" GIP	
4" PVC	
1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
RH 3'x 5'x 4'	
MH 4'x 4'x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
4" B.I.P.	146'
2" H.D.P.E.	2755'
1" INDT.	146'
HH 2.5'X5'X2.5'	1

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE

ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-03	RR STA	CDI
8-01	RR STATION ADDED TO RL CHG	CDI

SCALE

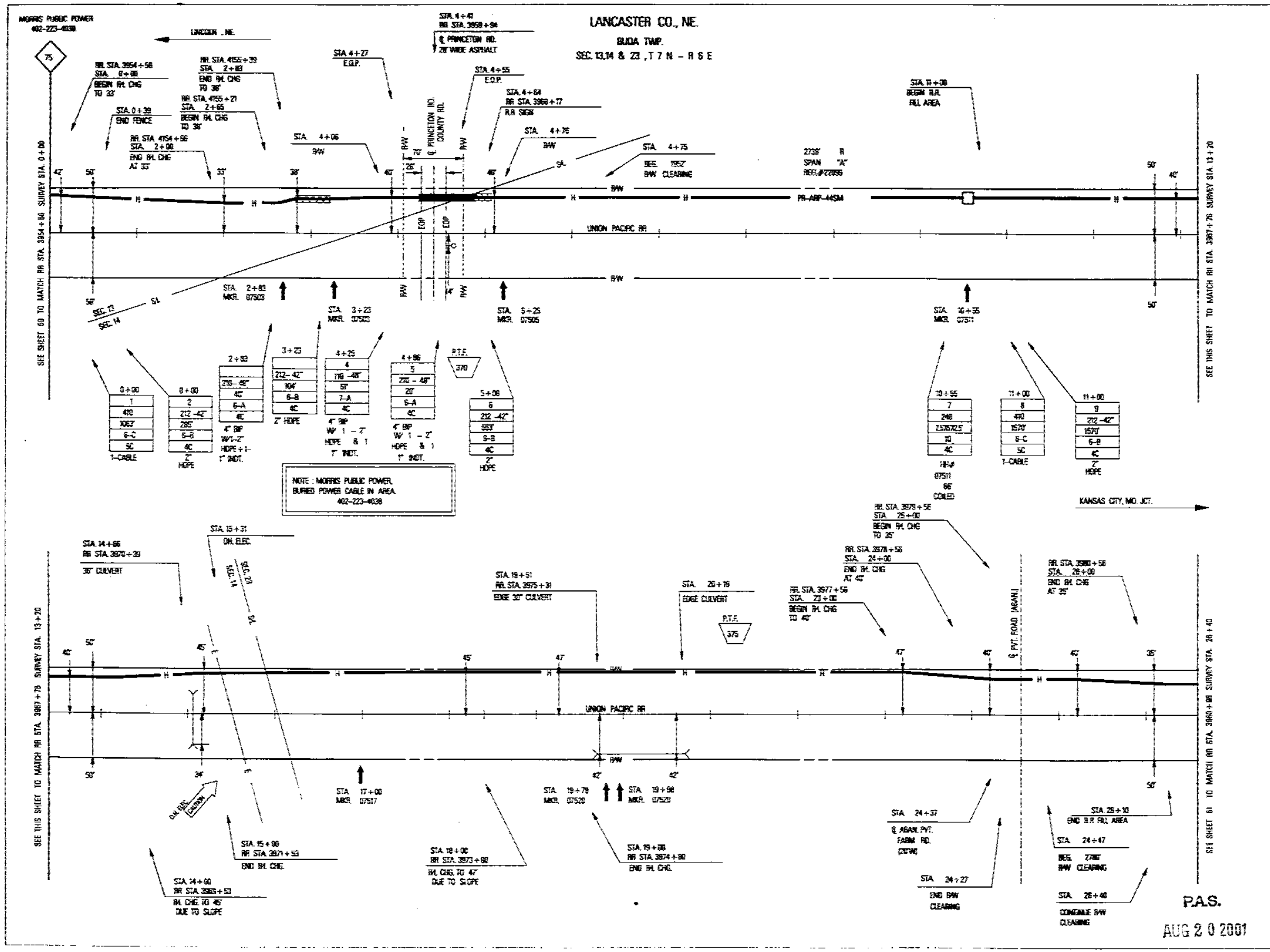
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 041

MP 74 TO MP 75

SHEET 56 OF 557

DWG. NO. 05660056.DTA



PROJECT: # 056660

SPAN: " A "

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2640 LF
RAILROAD 2640 LF

MATERIAL LIST	QUANTITY
CABLE	2739'
4" GIP	
4" PVC	
1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
SUR. CA. MKRS.	7
10M STRAND	
10" STEEL CASING	
HH 2.5' X 5' X 2.5'	1
2" H.D.P.E.	2673'
4" B.I.P.	121'
1" INDT.	121'

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JUNCTION TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-10	RR STA	CD
6-01	RR STATION ADDED TO RH CHG	CD

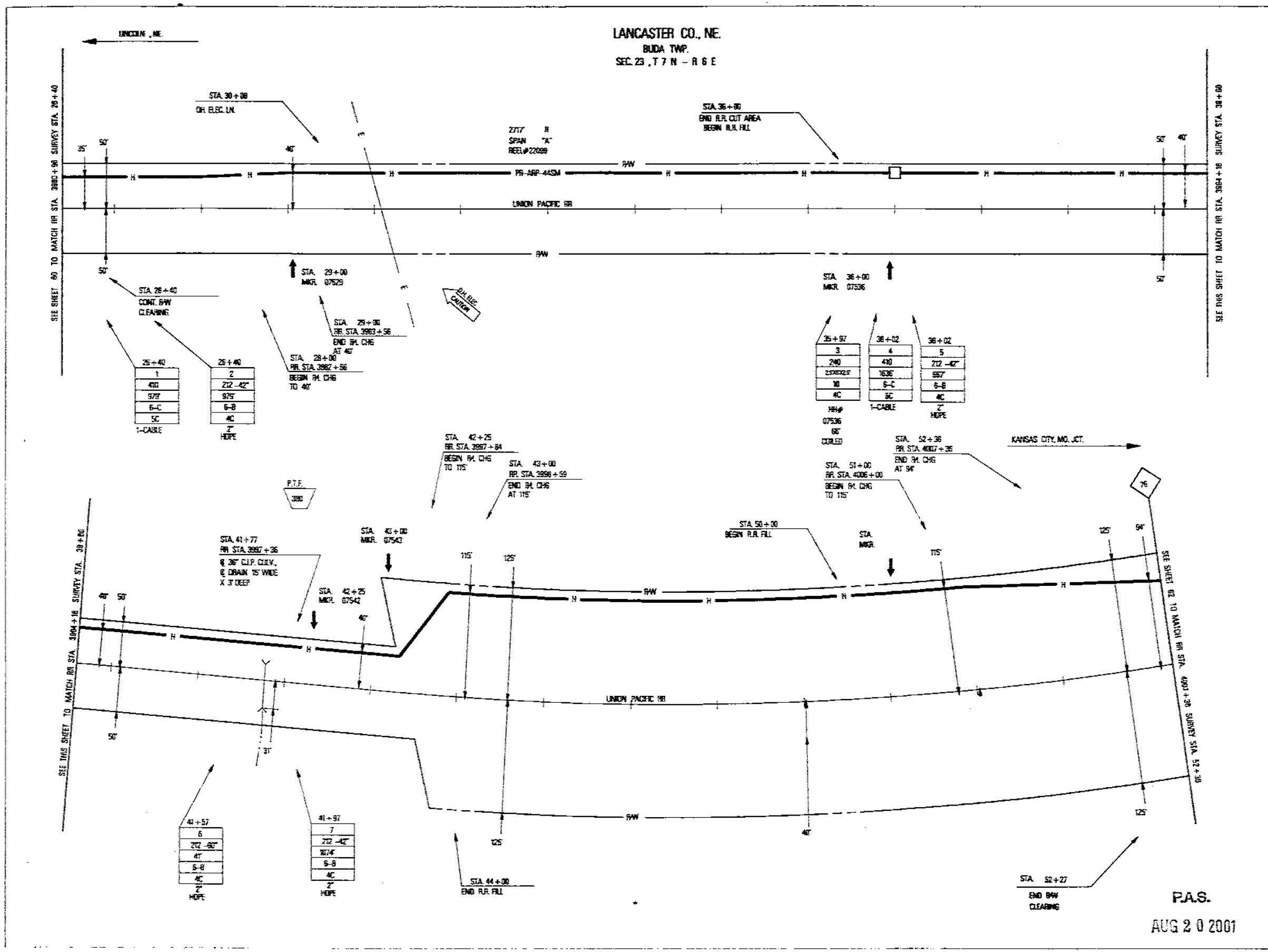
SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 50'

DEPT. ID. LOC. ID. 041

MP 75 TO MP 76

SHEET 60 OF 557

056660DGR.DWA



PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JCT.
TO
LINCOLN, NE.

MAP FOOTAGE		
SURVEY	2596	LF
RAILROAD	2540	LF

MATERIAL LIST	QUANTITY
CABLE	2717'
4" GIP	
4" PVC	
1 3/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
2" H.D.P.E.	2557'
HH 2.5'X2.5'	1

MCI TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	INITIAL
1-02	RR STA	CDI
8-02	RR STATION ADDED TO RH CHG	CD

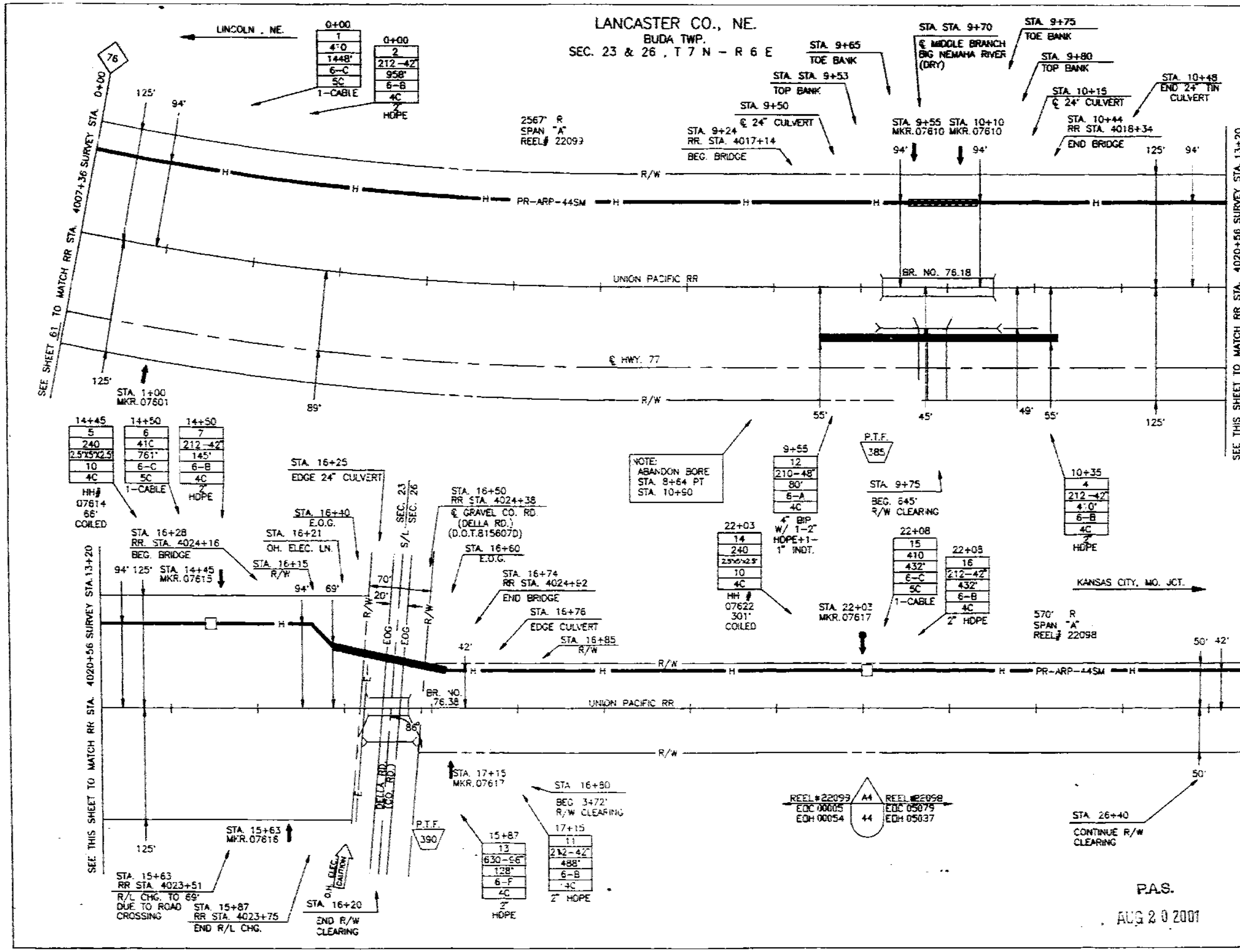
SCALE
HORIZONTAL : 1"=50'
VERTICAL : 1"=50'

DEPT. ID. | LOC. ID. 041

MP 75 TO MP 76

SHEET 61 OF 557

DWG. NO. 05660061.01A



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JC TO LINCOLN, NE.

MAP FOOTAGE
SURVEY 2640
RAILROAD 2640

MATERIAL LIST	QUAN
CABLE	3137
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	7
10M STRAND	
10" STEEL CASING	
HH 2.5' X 5' X 2.5'	2
4" B.I.P.	83'
2" H.D.P.E.	2632
1" INDT.	83'

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JUNCTION TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-93	REDESIGN	
1-94	AS-BUILT	

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SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'

DEPT. ID. LOC. ID. 04

MP 76 TO MP 77

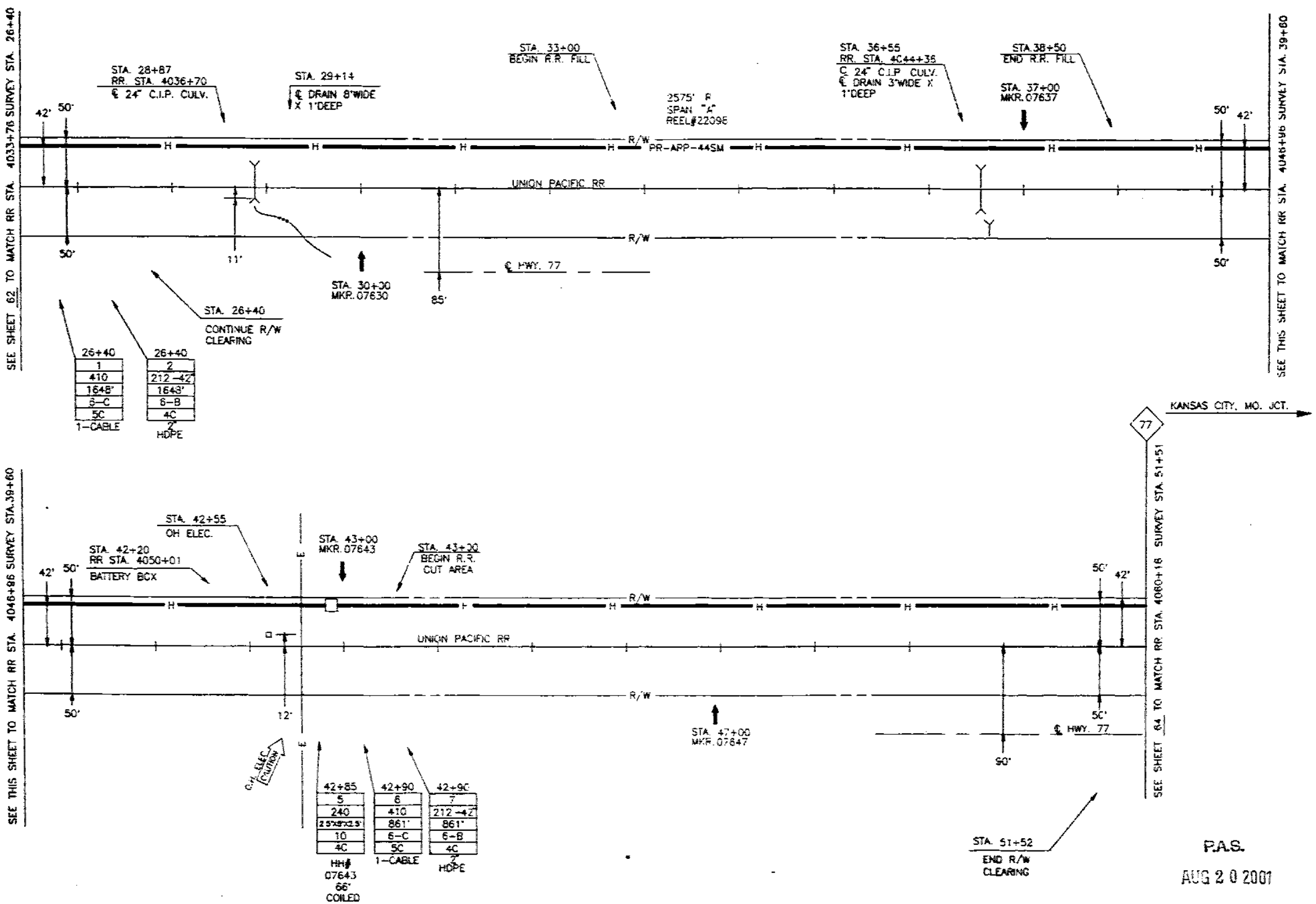
SHEET 62 OF 557

DWG. NO. 05660062.01A

LINCOLN , NE.

LANCASTER CO., NE.

BUDA TWP.
SEC. 26 , T 7 N – R 6 E



P.A.S.
AUG 2 0 2001

PROJECT: # 05660
SPAN: "A"
KANSAS CITY, MO. JC
TO
LINCOLN, NE.

MAP FOOTAGE

SURVEY	2511'
RAILROAD	2640'

MATERIAL LIST	QUAN
CABLE	25
4" GIP	
4" PVC	
1¼" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	4
10M STRAND	
10 STEEL CASING	
2" H.D.P.E	25
HH 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO. JCT. TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-93	RR STA	C
1-94	AS-BUILT	R

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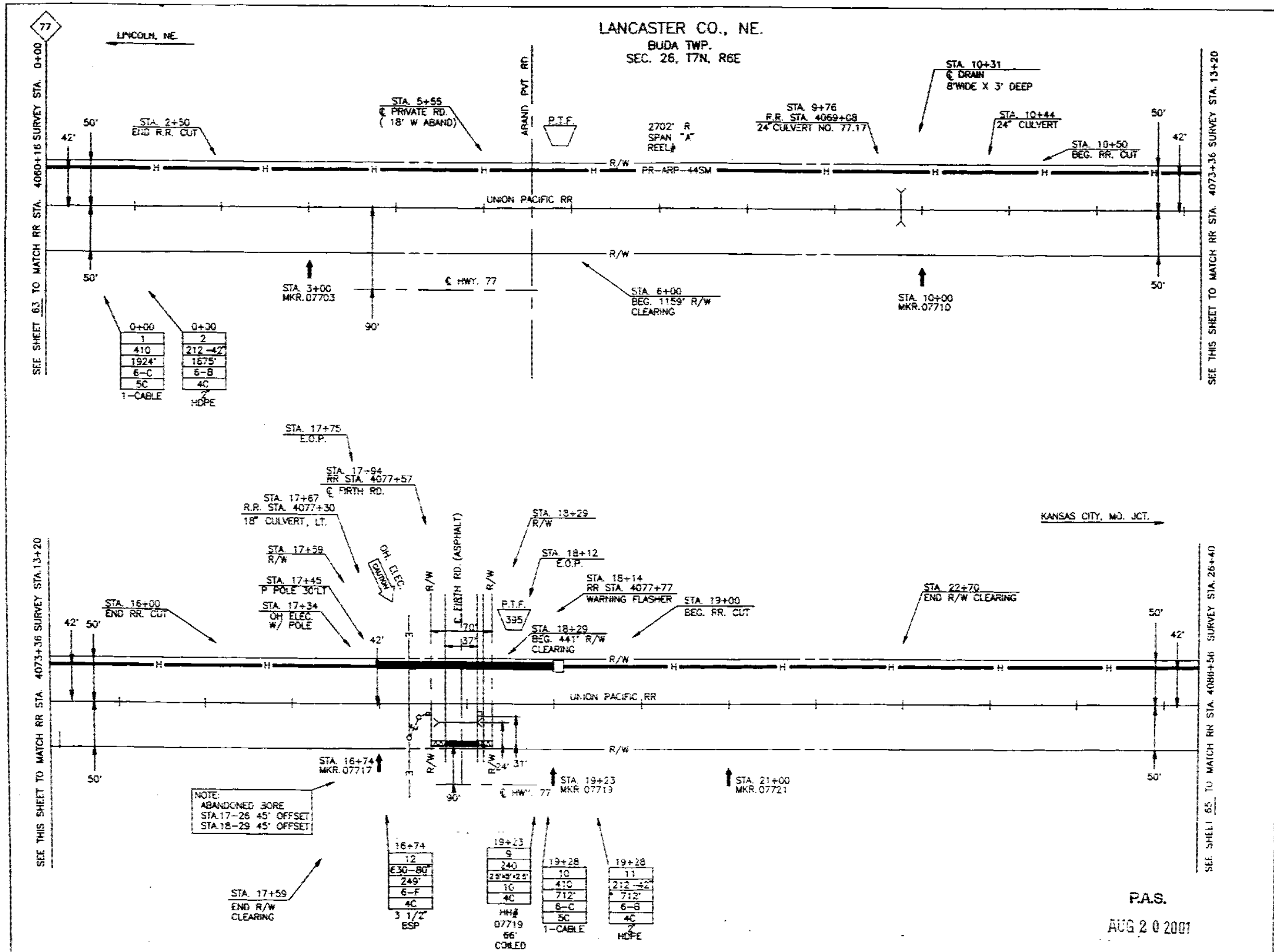
SCALE
HORIZONTAL : 1"=50'
VERTICAL : 1"=50'

DEPT. ID. | LOC. ID. 04

MP 76 TO MP 77

SHEET 63 OF 557

DWG. NO. 05660063.01A



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JC
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2640'
RAILROAD 2640'

MATERIAL LIST	QUAN
CABLE	2702
4" GIP	
4" PVC	
1 1/4" CORR. INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR. CA. MKRS.	5
10M STRAND	
10" STEEL CASING	
HH 2.5"X5"X2.5"	1
2" HDPE	2357
3 1/2" GIP	249'
1" INDT.	

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO., JCT.TO LINCOLN, NE.

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-93	RR STA	
1-94	AS-BUILT	

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SCALE
HORIZONTAL : 1"=50'
VERTICAL : 1"=50'

DEPT. ID. LOC. ID. 04

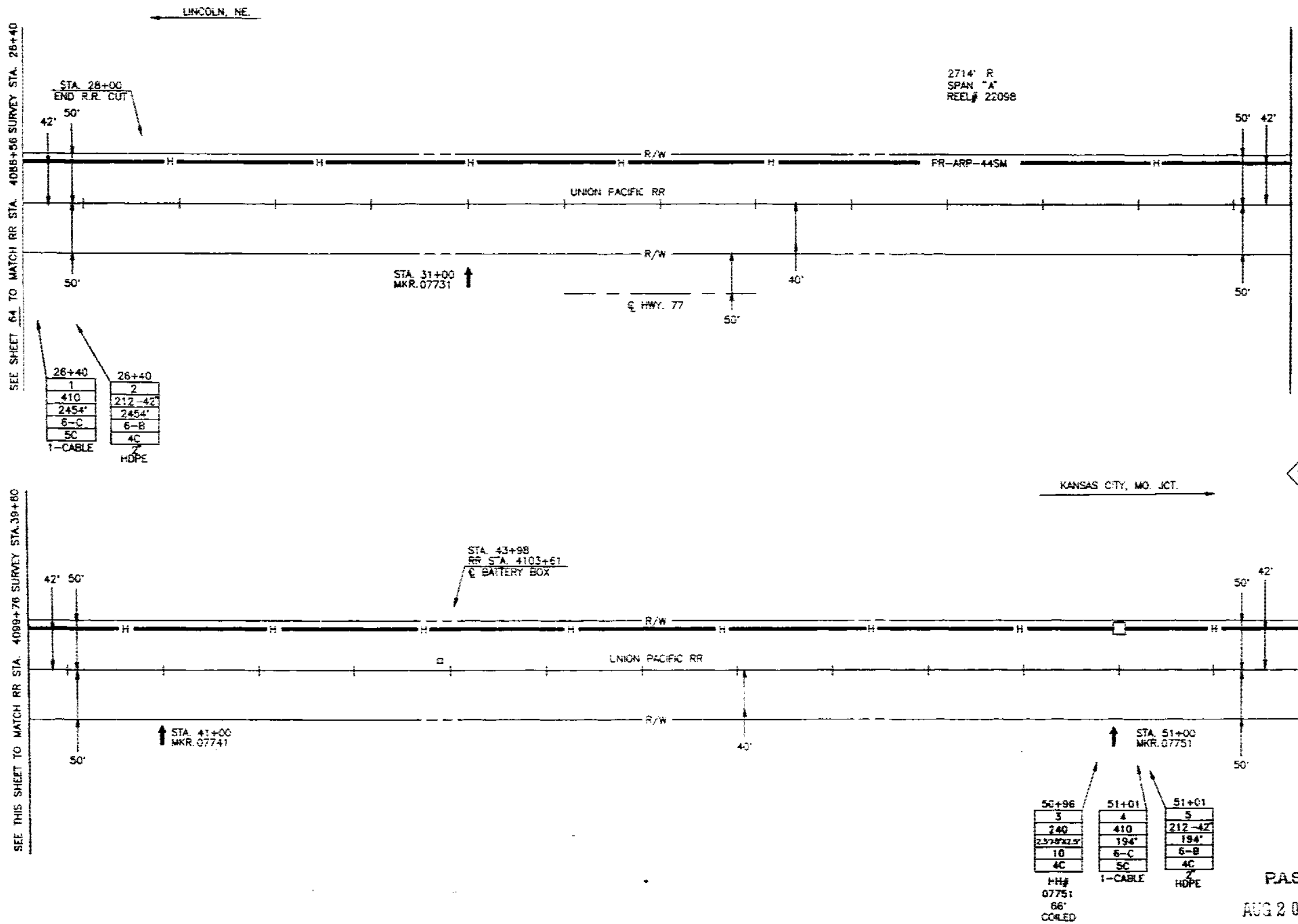
MP 77 TO MP 78

SHEET 64 OF 557

DWG NO. 05660064.01A

LANCASTER CO., NE.

BUDA TWP.
SEC. 35, T 7 N ,R. 6 E



P.A.S.

AUG 2 0 2001

PROJECT:# 05660

SPAN: "A"

KANSAS CITY, MO. JC
TO
LINCOLN, NE.

MAP FOOTAGE
SURVEY 2655
RAILROAD 2640

MATERIAL LIST	QUAN
CABLE	2714
4" GIP	
4" PVC	
1 1/4" CORR.INDT.	
4" SPLIT GIP	
4" SPLIT PVC	
HH 3' x 5' x 4'	
HH 4' x 4' x 4'	
BUR. CA. MKRS.	3
10M STRAND	
10"STEEL CASING	
2" HDPE	2646
HH. 2.5'X5'X2.5'	1

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY,MO. JCT.TO LINCOLN, NE.

DATE
ENGINEER J.EFFRIES

REVISIONS

DATE	DESCRIPTION
1-93	RR STA
1-94	AS-BUILT

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SCALE
HORIZONTAL : 1"=50'
VERTICAL : 1"=50'

DEPT.ID. LOC.ID.0-

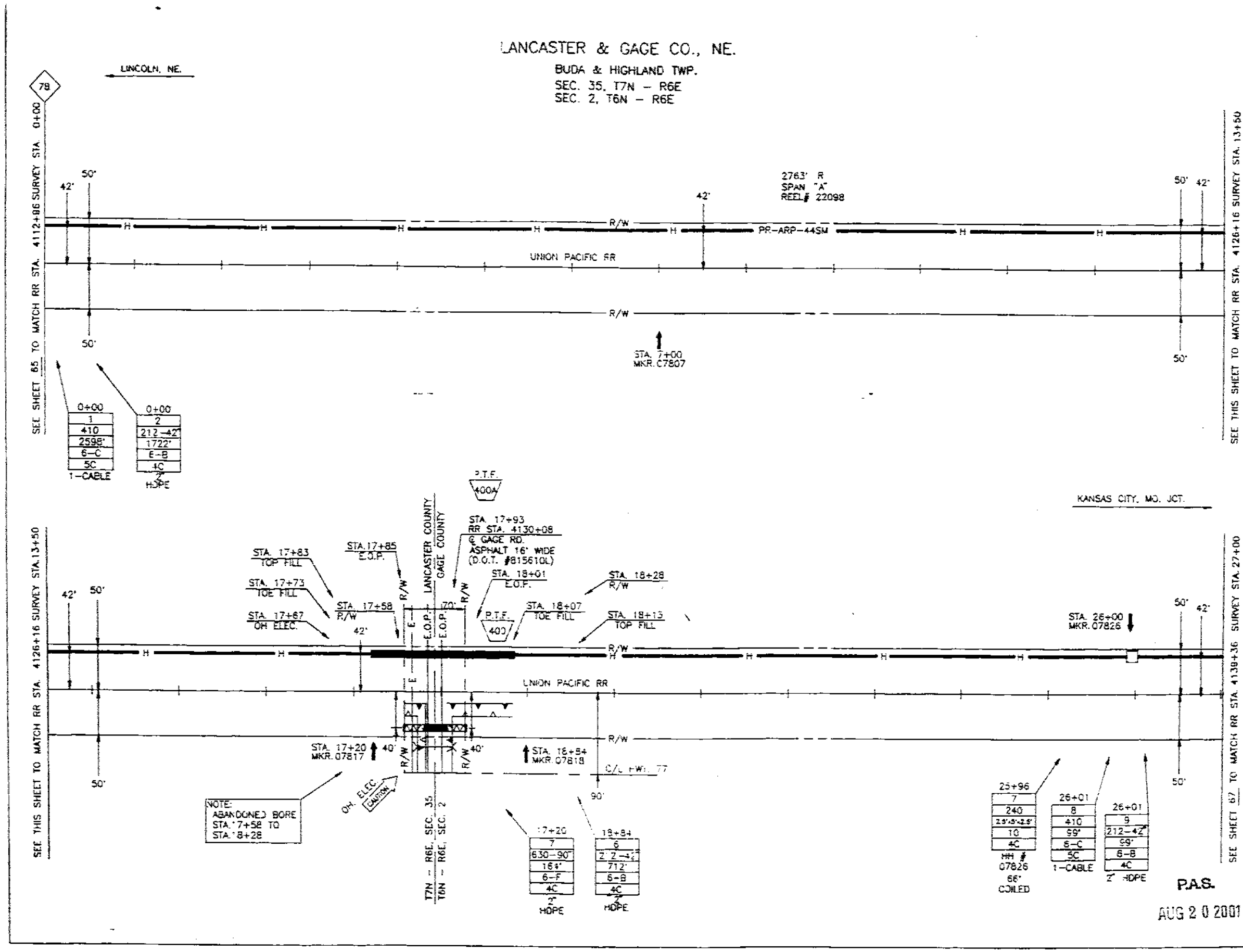
MP 77 TO MP 78

SHEET 65 OF 557

DWG NO. 05660065.01A

LANCASTER & GAGE CO., NE.

BUDA & HIGHLAND TWP.
SEC. 35, T7N – R6E
SEC. 2, T6N – R6E



PROJECT: # 05660

SPAN: "A"

KANSAS CITY, MO. JCT. TO LINCOLN, NE.

MAP FOOTAGE
SURVEY 2700
RAILROAD 2640

MATERIAL LIST	QUAN
CABLE	275
4" CIP	
4" PVC	
1 1/4" CORR DT.	
4" SPLIT GI-4	
4" SPLIT PVC	
HH 3' x 5' x 4'	
MH 4' x 4' x 4'	
BUR CA. MKRS.	4
10M STRAND	
10" STEEL CASING	
HH 2.5'x5'x2.5'	1
1" INDT	
2" HDPE	2697
4" BIP	

MCI
TELECOMMUNICATIONS CORPORATION

TITLE: FIBER OPTIC CABLE ROUTE
KANSAS CITY, MO JCT TO LINCOLN NE

DATE
ENGINEER JEFFRIES

REVISIONS

DATE	DESCRIPTION	BY
1-93	RR STA	
1-94	AS-BUILT	

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SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'

DEPT. ID. LOC. ID. 04

MP 78 TO MP 79

SHEET 66 OF 557

DWG NO. 05660066.01A