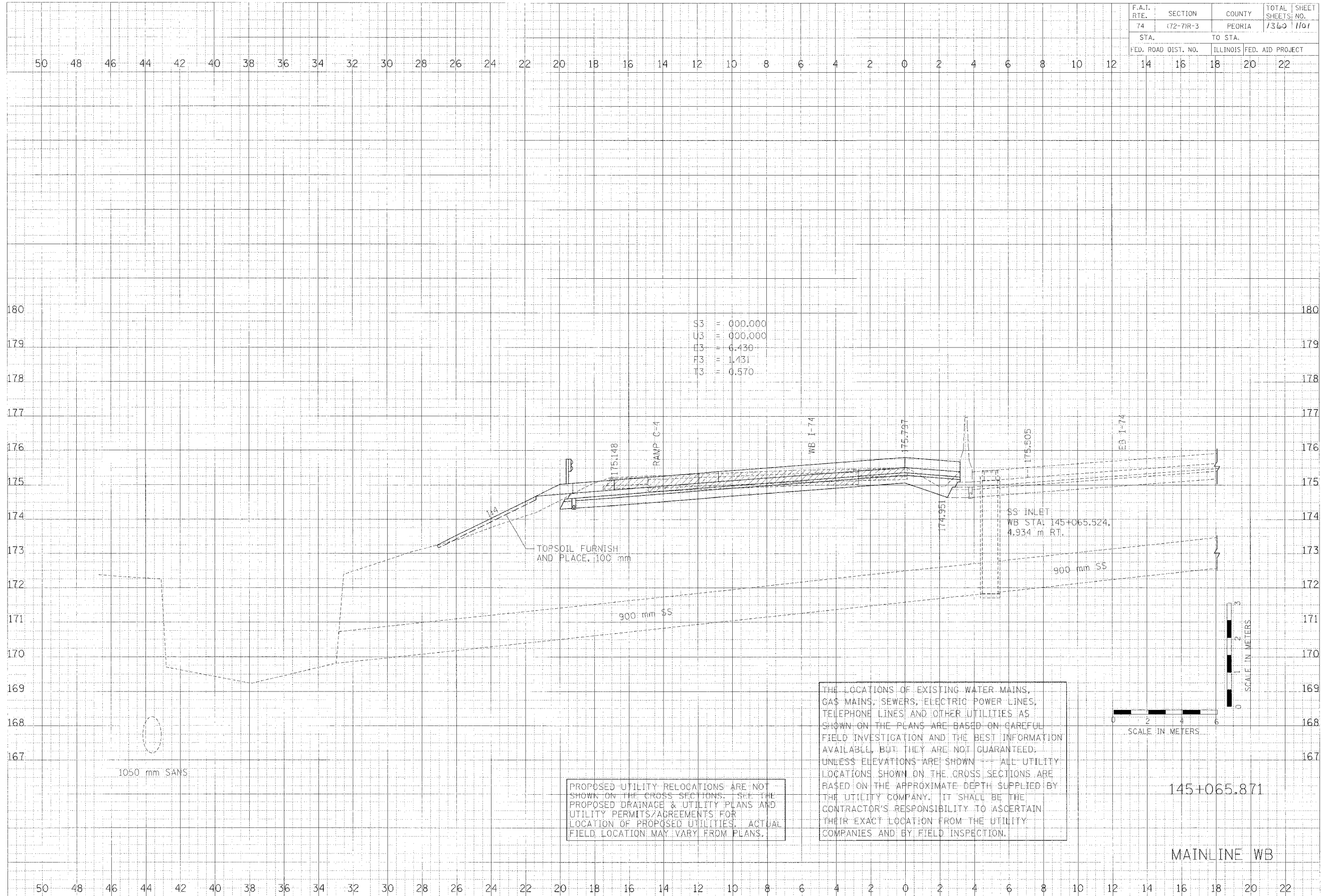


F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-71R-3	PEORIA	1360	1101
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
14	16	18	20	22

FINAL SCALE PLOTTED 10/11/01
 DATE: 10/11/01
 DRAWN BY: JAC
 CHECKED BY: JAC

CLARK ENGINEERS, INC.

ORIGINAL SURVEY PLOTTED 10/11/01
 DATE: 10/11/01
 DRAWN BY: JAC
 CHECKED BY: JAC



S3 = 000.000
 U3 = 000.000
 F3 = 6.430
 F3 = 1.431
 T3 = 0.570

SS INLET
 WB STA: 145+065.524,
 4.934 m RT.

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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SCALE IN METERS

SCALE IN METERS

145+065.871

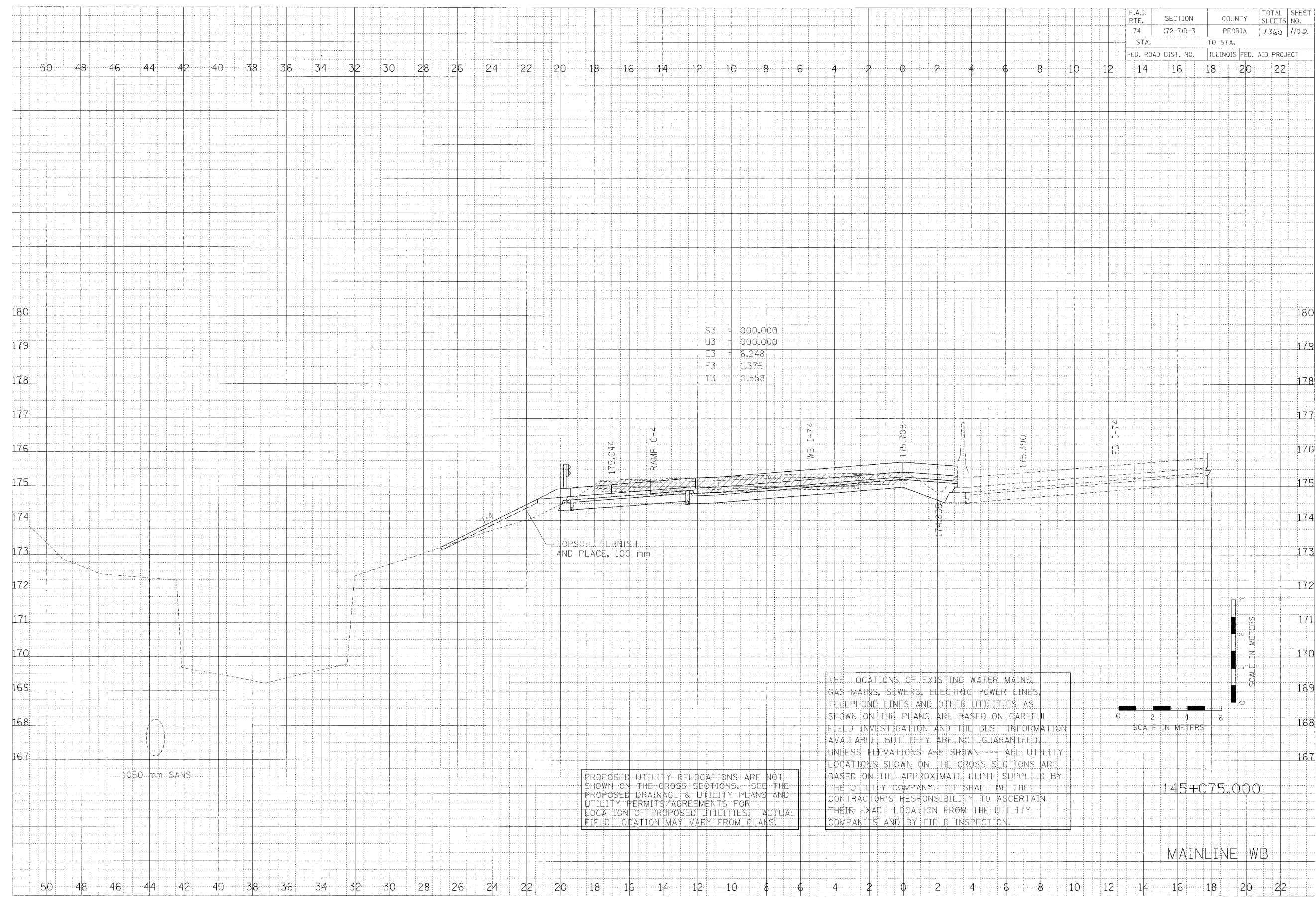
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1363	1102
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
14	16	18	20	22

DATE: _____ BY: _____
 CHECKED: _____
 ORIGINAL SURVEY PLOTTED AND NOTE BOOK ARCHIVED IN _____

CLARK ENGINEERS, INC.

DATE: _____ BY: _____
 CHECKED: _____
 ORIGINAL SURVEY PLOTTED AND NOTE BOOK ARCHIVED IN _____



S3 = 000.000
 U3 = 000.000
 L3 = 6.248
 F3 = 1.375
 T3 = 0.558

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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145+075.000

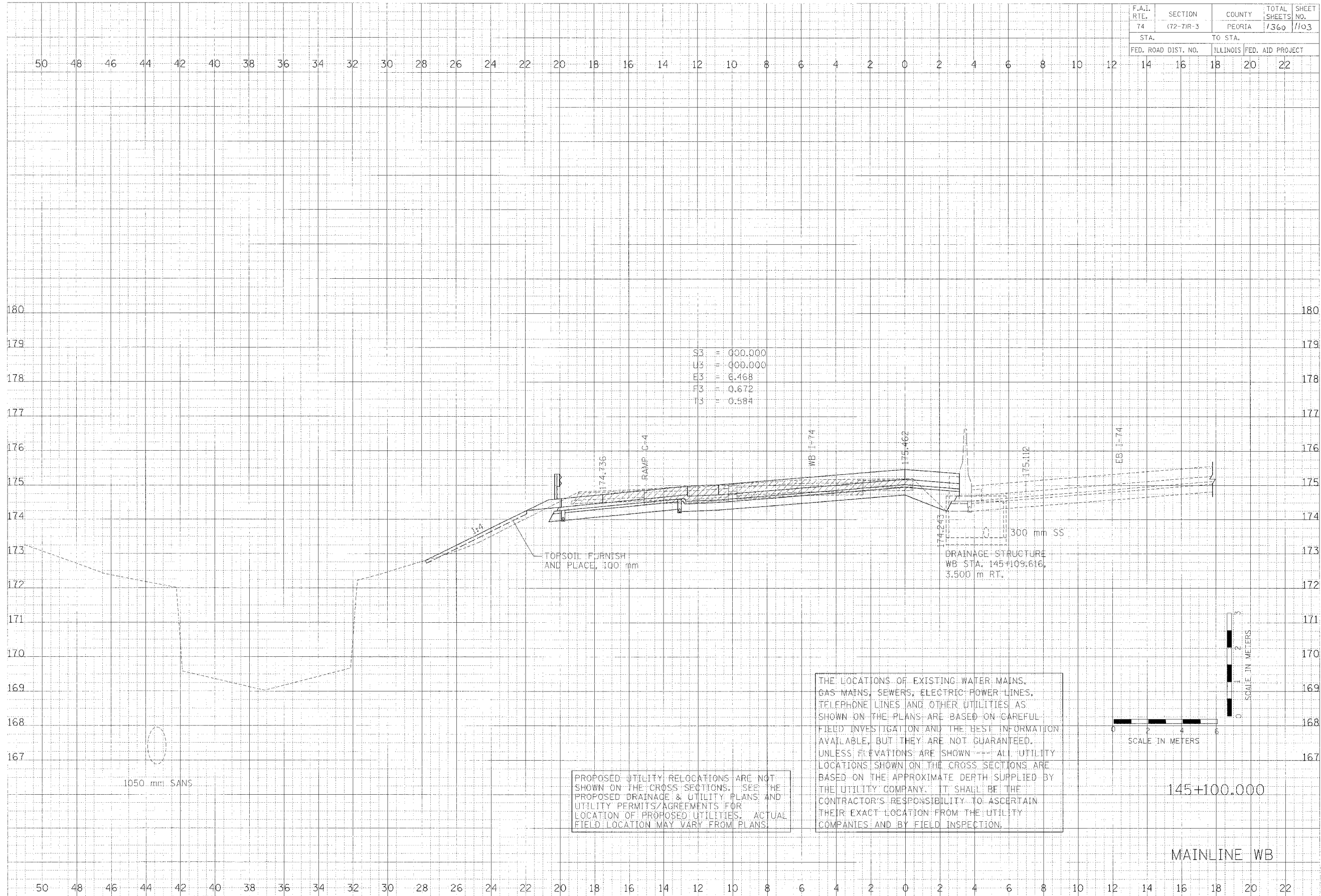
MAINLINE WB

F.A.I. RTE. 74	SECTION (72-71R-3)	COUNTY PEORIA	TOTAL SHEETS 1360	SHEET NO. 1103
STA. 14		TO STA. 22		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SCALE
DATE
BY
CHECKED
APPROVED

CLARK ENGINEERS, INC.

DATE
BY
CHECKED
APPROVED



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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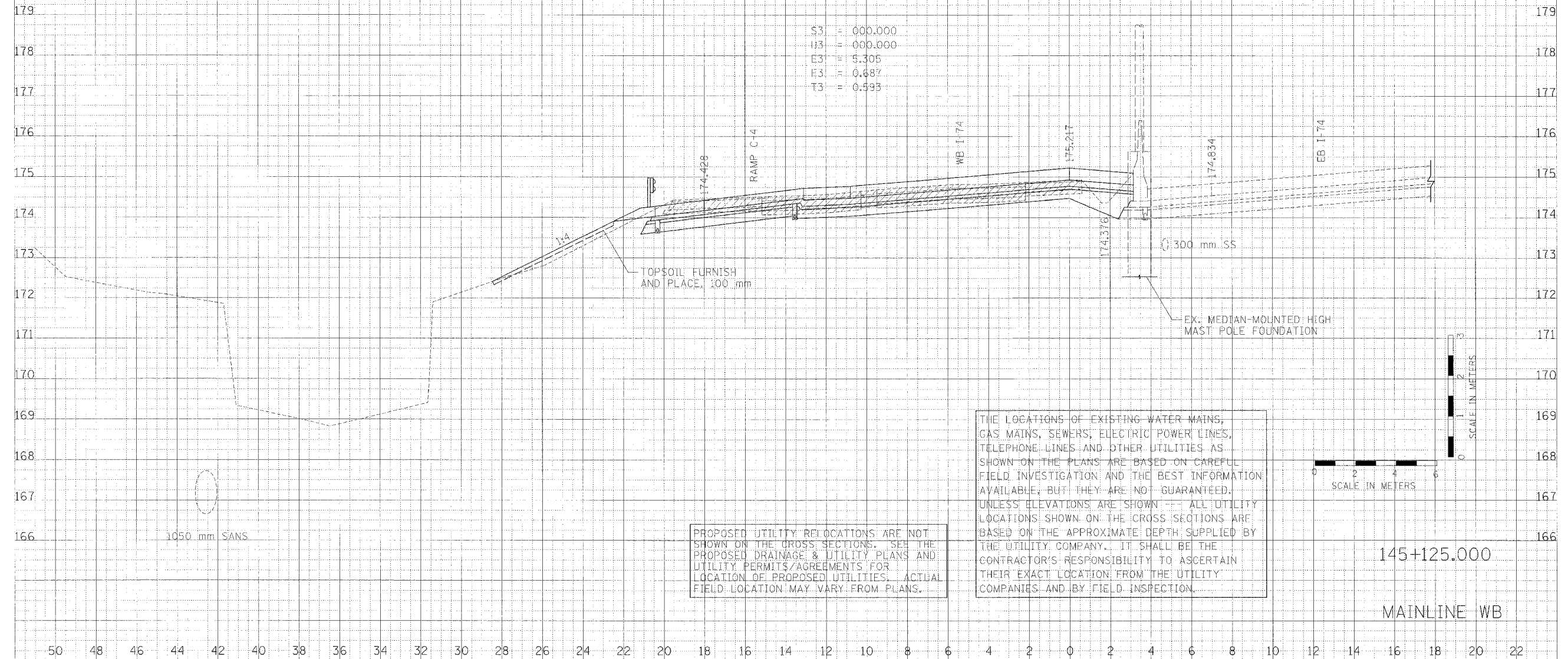
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1109
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 FIRM: _____
 TITLE: _____

CLARK ENGINEERS, INC.

DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 FIRM: _____
 TITLE: _____



S3 = 0.000.000
 H3 = 0.000.000
 E3 = 5.305
 F3 = 0.68%
 T3 = 0.593

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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0 2 4 6
 SCALE IN METERS

0 1 2 3
 SCALE IN METERS

145+125.000

MAINLINE WB

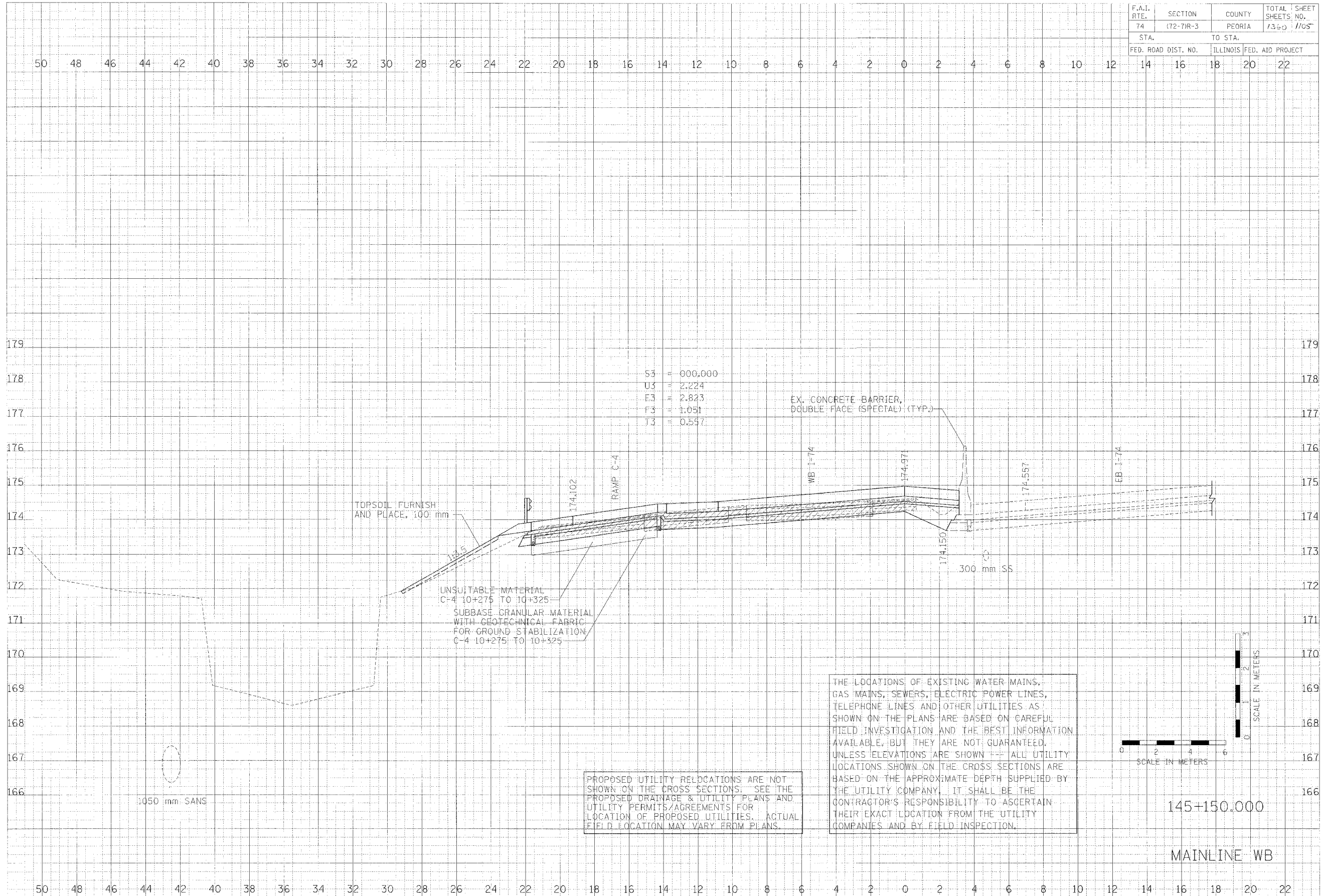
50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
74	(72-71R-3)	PEORIA	1360 / 105
STA.		TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
14	16	18	20 22

DATE	BY
DATE	BY
DATE	BY

CLARK ENGINEERS, INC.

DATE	BY
DATE	BY
DATE	BY



S3	0.000.000
U3	2.224
E3	2.823
F3	1.051
T3	0.557

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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SCALE IN METERS

SCALE IN METERS

145+150.000

MAINLINE WB

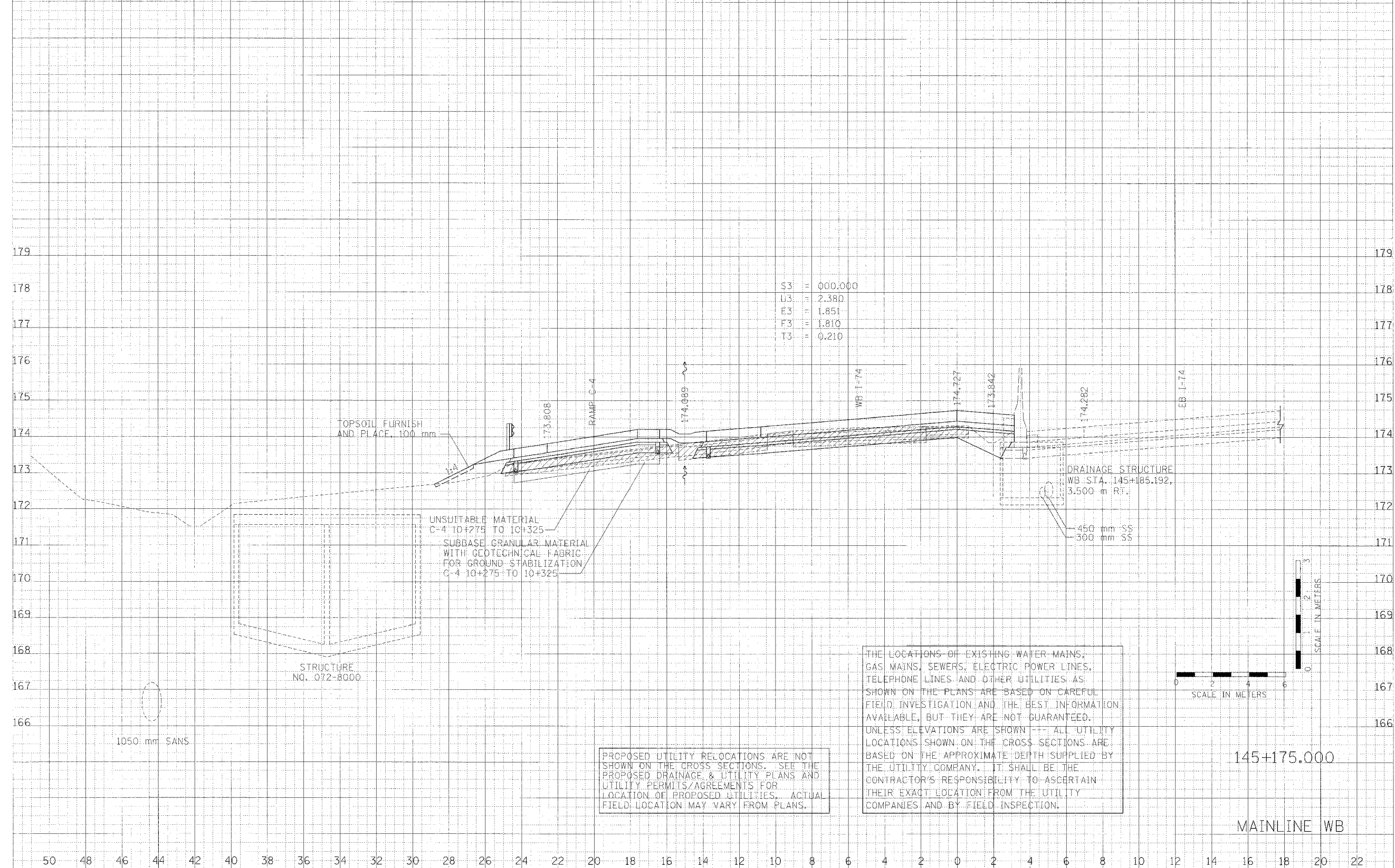
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1106
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
14	16	18	20	22

50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12

DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 TITLE: _____

CLARK ENGINEERS, INC.

DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 TITLE: _____



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

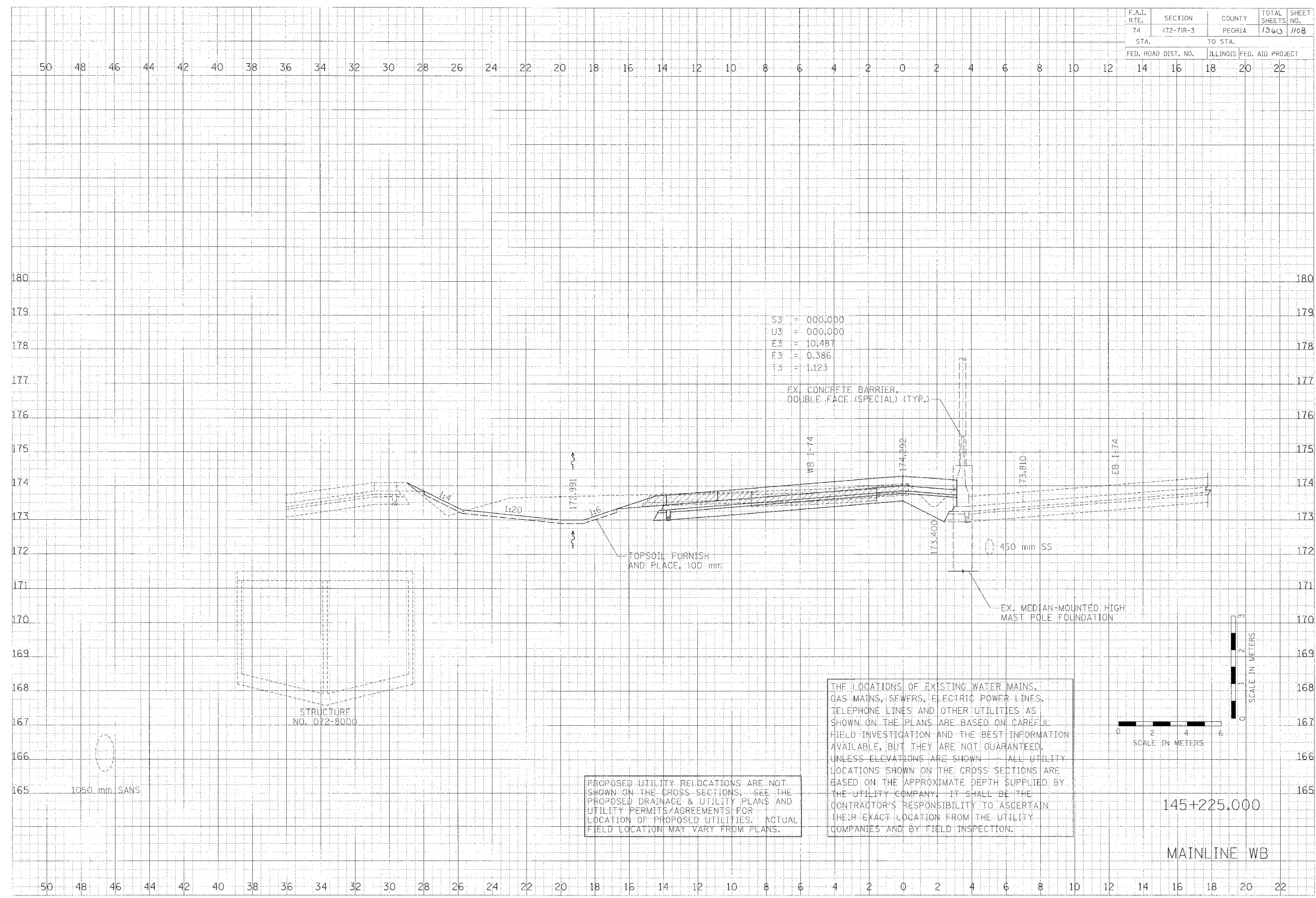
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1108
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	APPROVED

CLARK ENGINEERS, INC.

DATE	BY	APPROVED



S3 = 000,000
 U3 = 000,000
 E3 = 10,487
 F3 = 0,386
 T3 = 1,123

EX. CONCRETE BARRIER,
 DOUBLE FACE (SPECIAL) (TYP.)

WB J=74

174,292

173,810

EB J=74

TOPSOIL FURNISH
 AND PLACE, 100 mm.

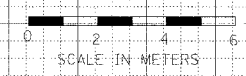
EX. MEDIAN-MOUNTED HIGH
 MAST POLE FOUNDATION

STRUCTURE
 NO. 072-8000

1050 mm SANS

THE LOCATIONS OF EXISTING WATER MAINS,
 GAS MAINS, SEWERS, ELECTRIC POWER LINES,
 TELEPHONE LINES AND OTHER UTILITIES AS
 SHOWN ON THE PLANS ARE BASED ON CAREFUL
 FIELD INVESTIGATION AND THE BEST INFORMATION
 AVAILABLE, BUT THEY ARE NOT GUARANTEED.
 UNLESS ELEVATIONS ARE SHOWN ALL UTILITY
 LOCATIONS SHOWN ON THE CROSS SECTIONS ARE
 BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
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 COMPANIES AND BY FIELD INSPECTION.

PROPOSED UTILITY RELOCATIONS ARE NOT
 SHOWN ON THE CROSS SECTIONS; SEE THE
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 UTILITY PERMITS/AGREEMENTS FOR
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 FIELD LOCATION MAY VARY FROM PLANS.



145+225.000

MAINLINE WB

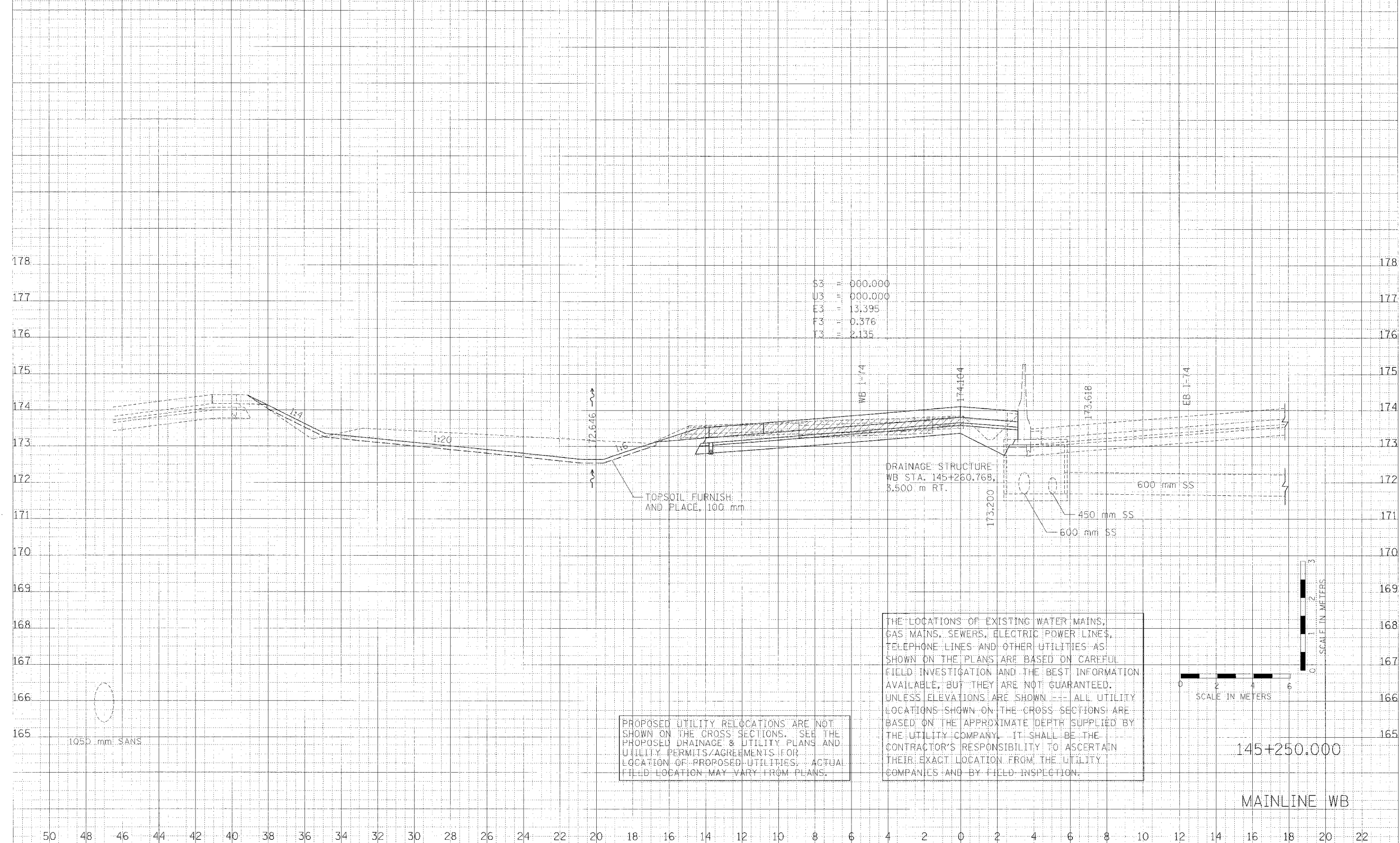
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1109
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

FILED
DATE
BY

CLARK ENGINEERS, INC.

DATE
BY

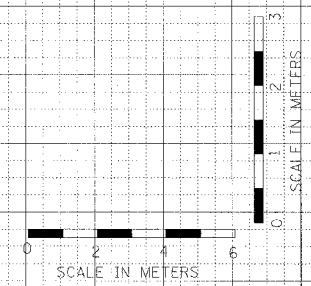


S3 000.000
U3 000.000
E3 13.395
F3 0.376
T3 2.135

DRAINAGE STRUCTURE
WB STA. 145+260.768,
5.500 m RT.

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145+250.000

MAINLINE WB

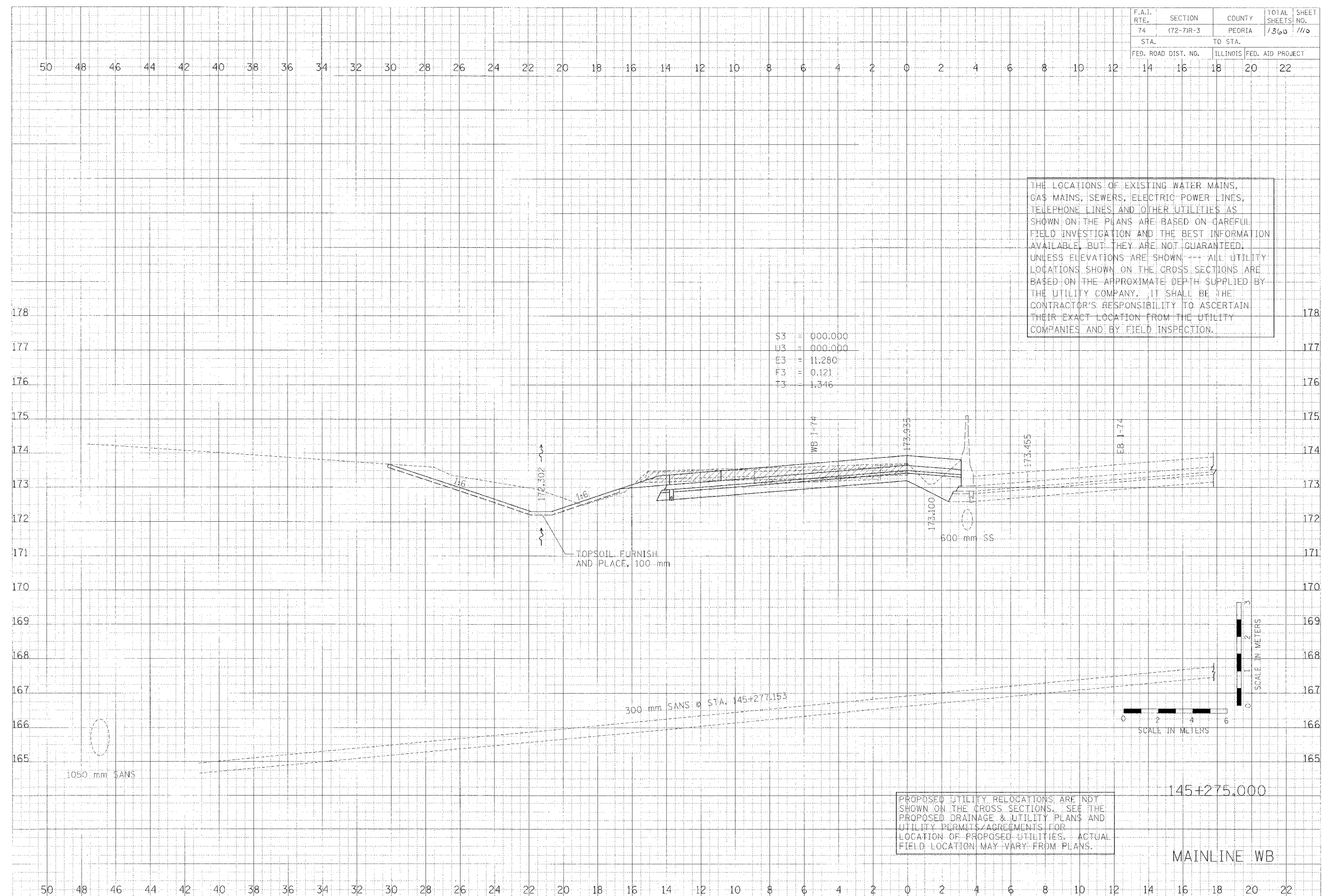
50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1560	110
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	14	16	18	20 22

FINAL SURVEY PLOTTED WITH REVISIONS BY DATE

CLARK ENGINEERS, INC.

ORIGINAL SURVEY PLOTTED WITH REVISIONS BY DATE



THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

S3 = 000:000
 U3 = 000:000
 E3 = 11:280
 F3 = 0.121
 T3 = 1.346

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

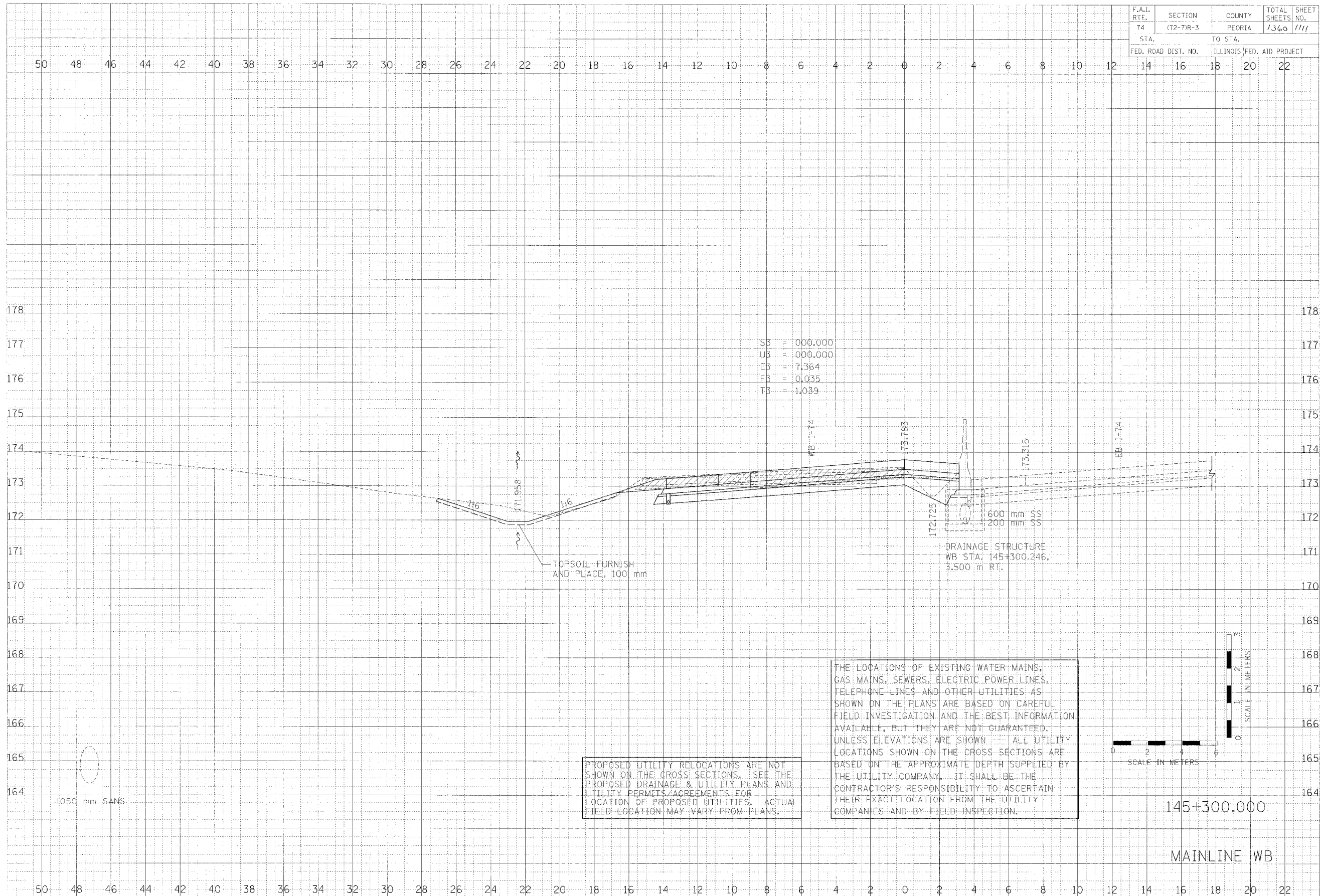
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1111
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY

CLARK ENGINEERS, INC.

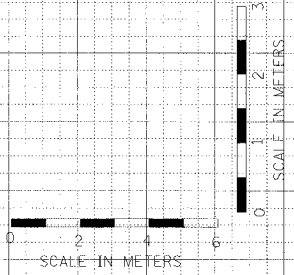
DATE	BY
DATE	BY
DATE	BY



S3 = 000.000
 U3 = 000.000
 E3 = 7.364
 F3 = 0.035
 T3 = 1.039

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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145+300.000

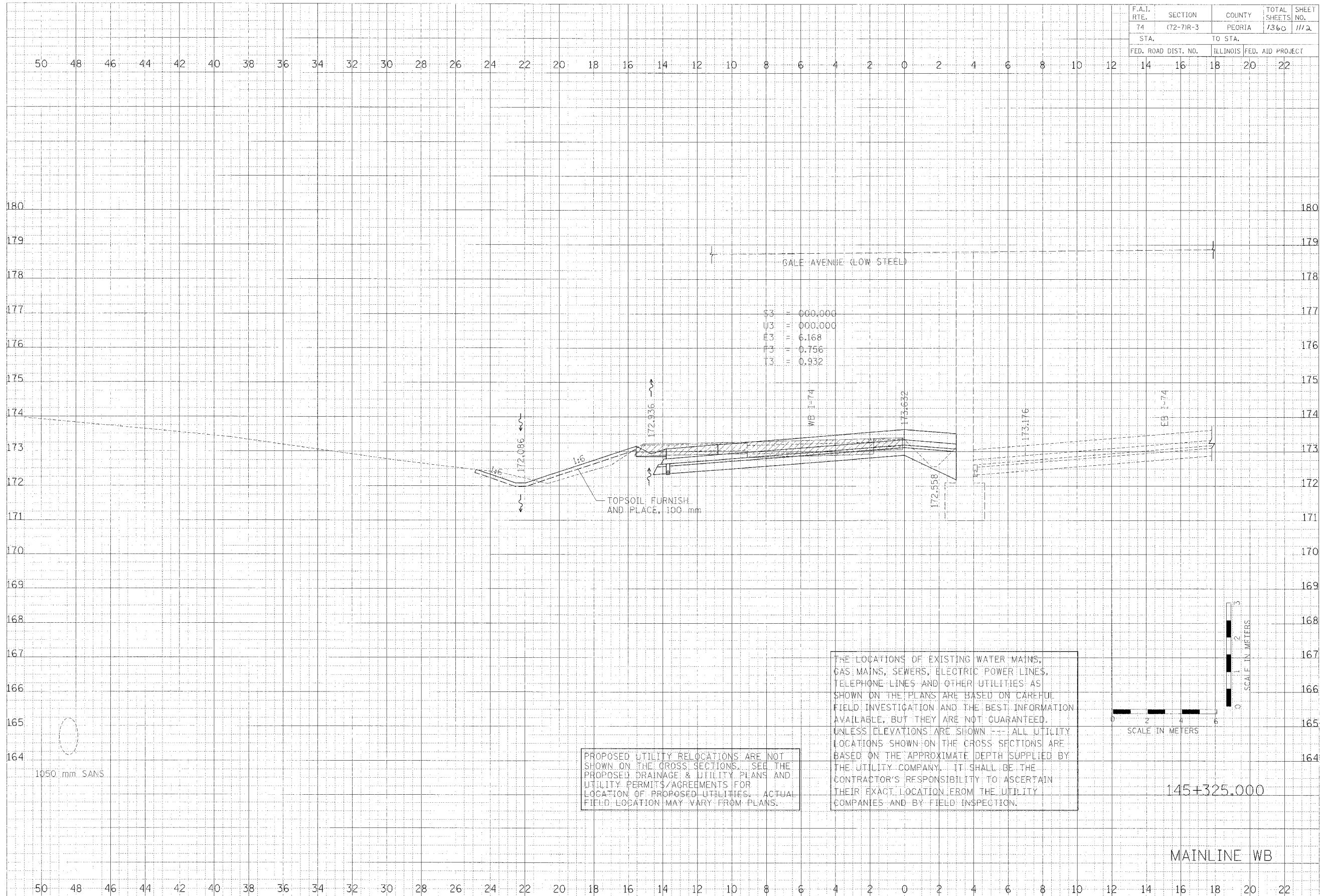
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1112
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINI	SURVEYED	DATE
SCHEM	PLANNED	
NOTE BOOK	FIELD	
AREA	ADJUSTED	
AREA	ADJUSTED	

CLARK ENGINEERS, INC.

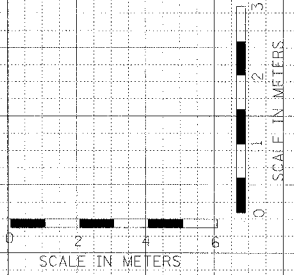
ORIGINAL	DATE
SAVED	
PLANNED	
NOTE BOOK	
FIELD	
ADJUSTED	



S3 = 000.000
 U3 = 000.000
 E3 = 6.168
 F3 = 0.756
 T3 = 0.932

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145+325.000

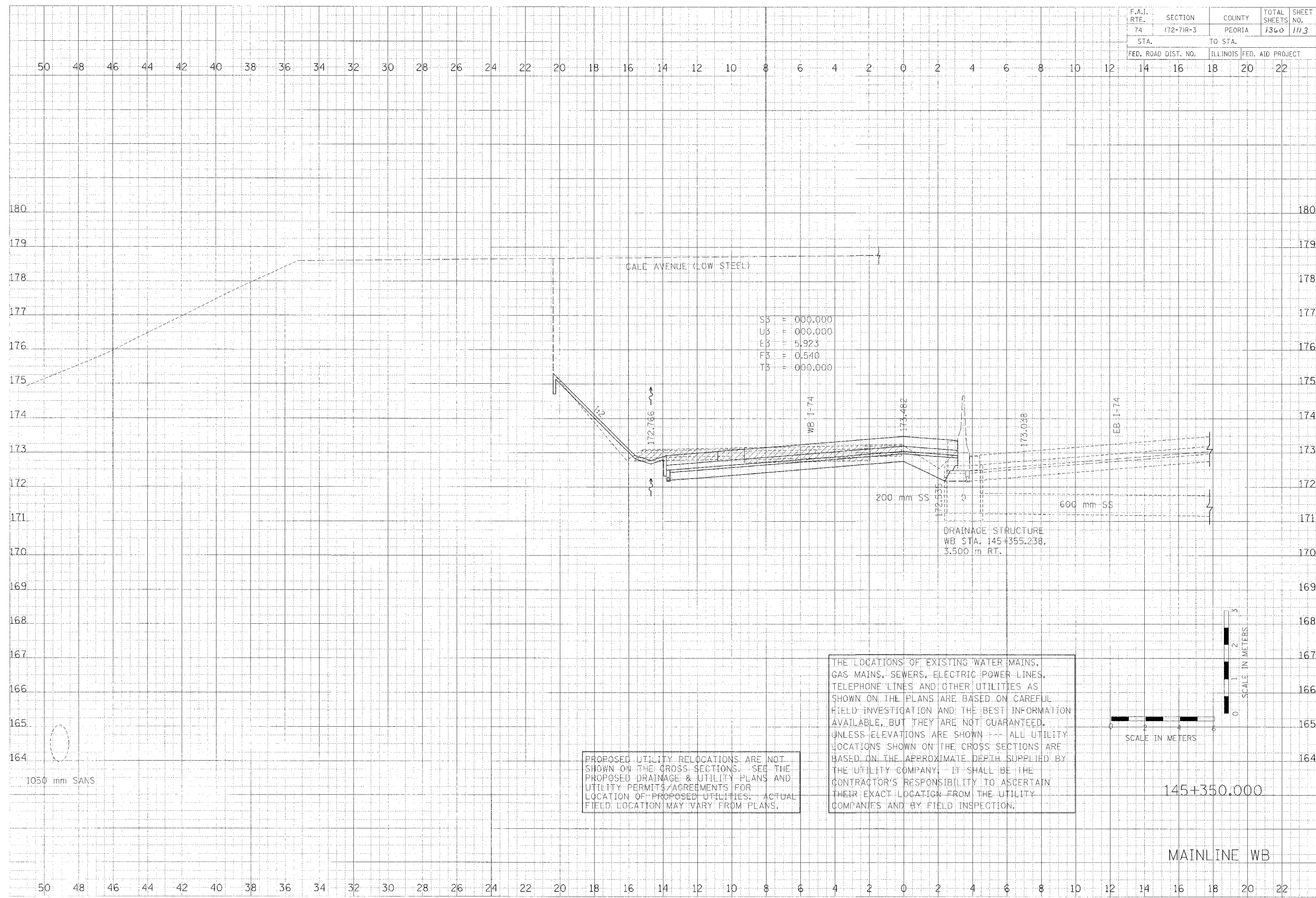
MAINLINE WB

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	113
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY
NOTE: 0000' AREAS CHECKED

CLARK ENGINEERS, INC.

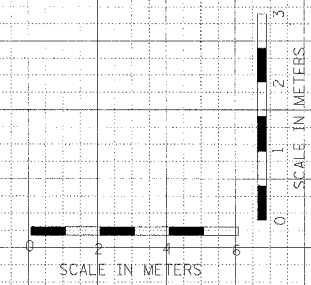
DATE
BY
CHECKED
DATE



SS = 000.000
US = 000.000
ES = 5.923
FS = 0.540
TS = 000.000

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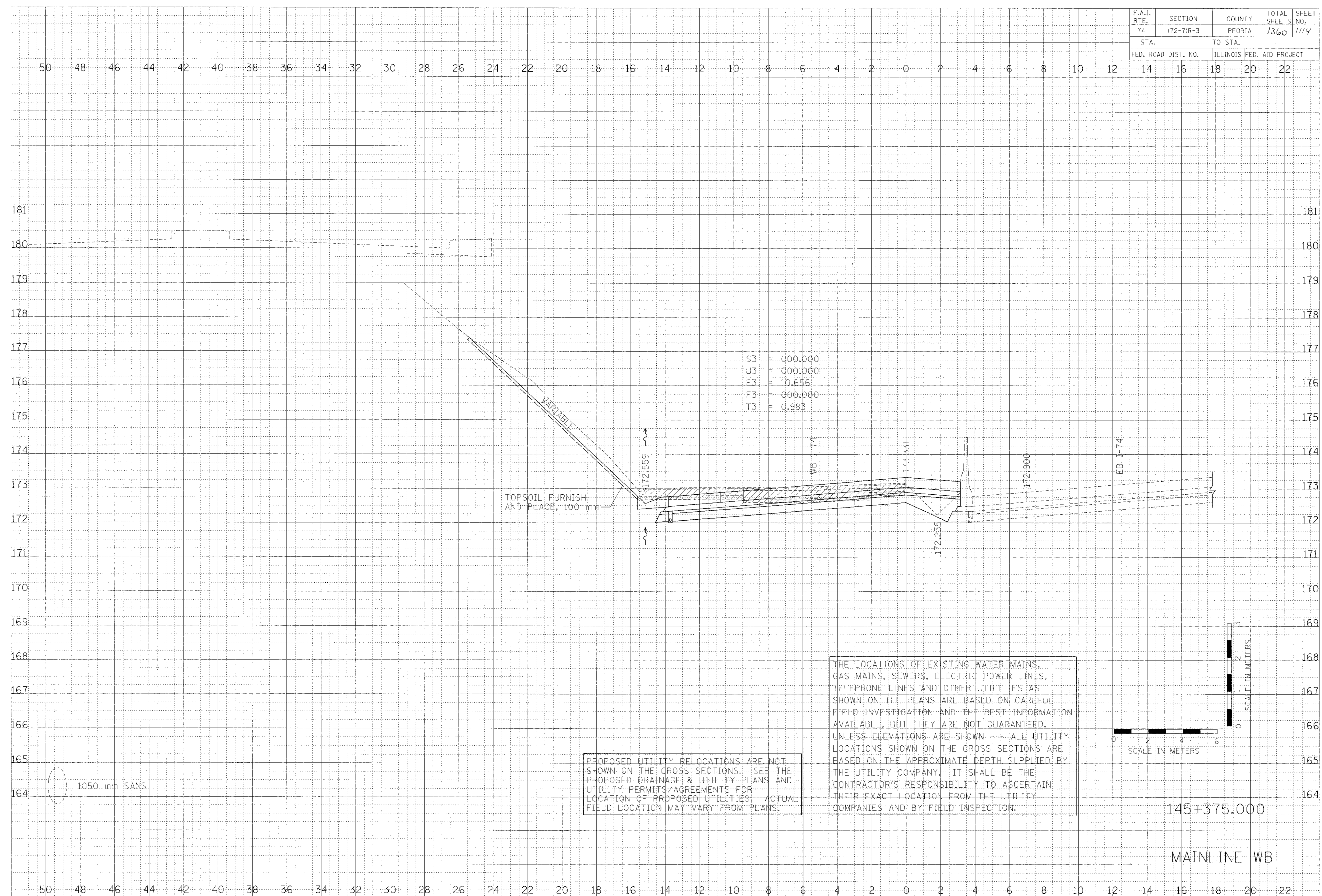


1050 mm SANS

145+350.000

MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1114
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



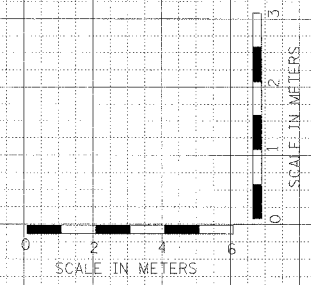
DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 1/4" = 10' X
 AREAS CHECKED: _____
 NO. _____

CLARK ENGINEERS, INC.

DATE: _____
 BY: _____
 ORIGINAL DRAWING: _____
 PLOTTED: _____
 1/4" = 10' X
 AREAS CHECKED: _____
 NO. _____

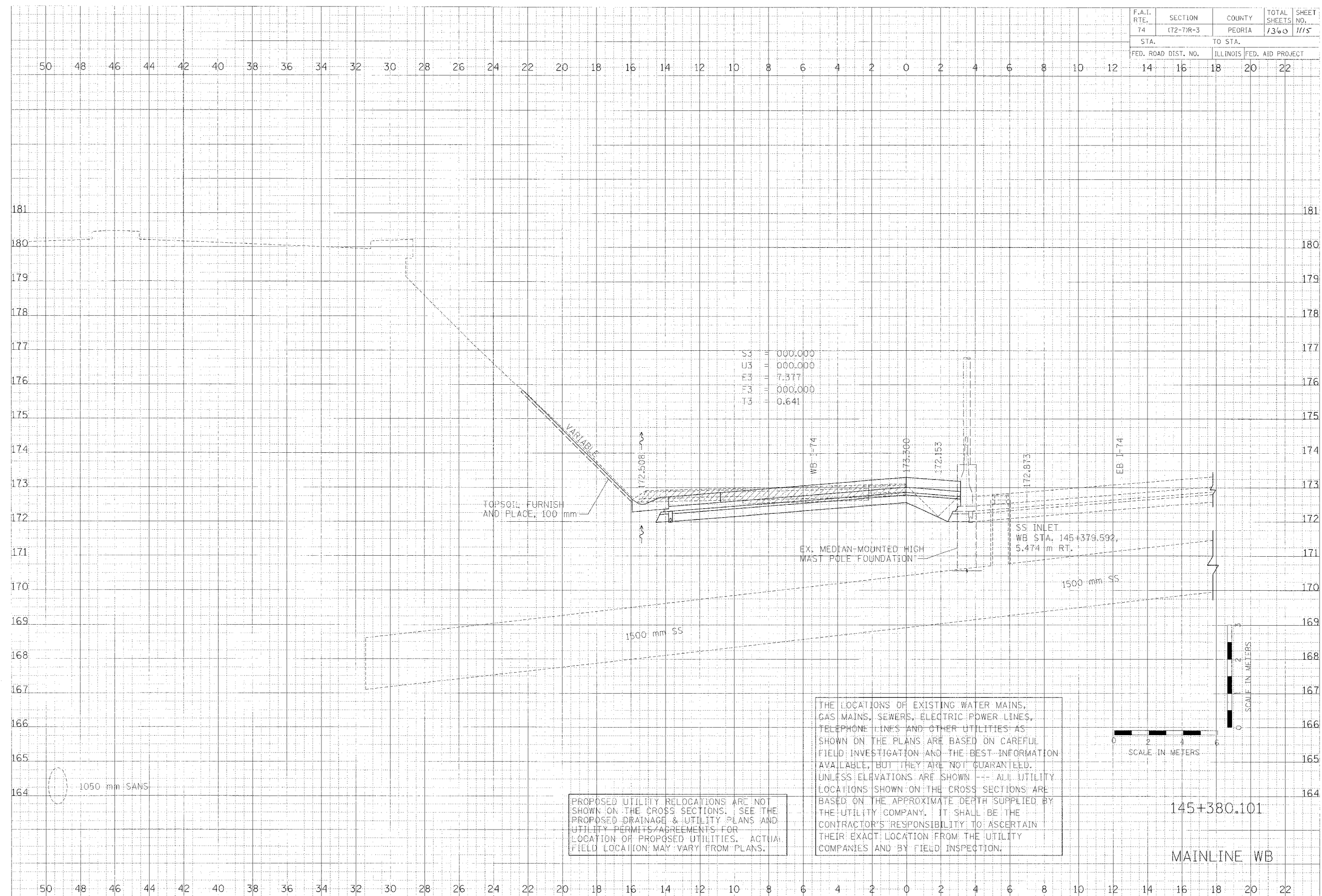
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145+375.000
 MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1115
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



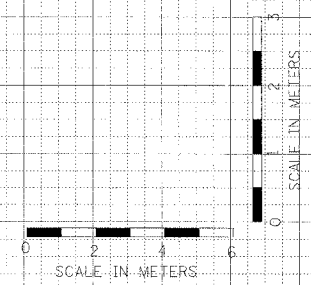
DATE: _____
 BY: _____
 CHECKED: _____
 DESIGNED: _____
 DRAWN: _____
 SCALE: _____

CLARK ENGINEERS, INC.

DATE: _____
 BY: _____
 CHECKED: _____
 DESIGNED: _____
 DRAWN: _____
 SCALE: _____

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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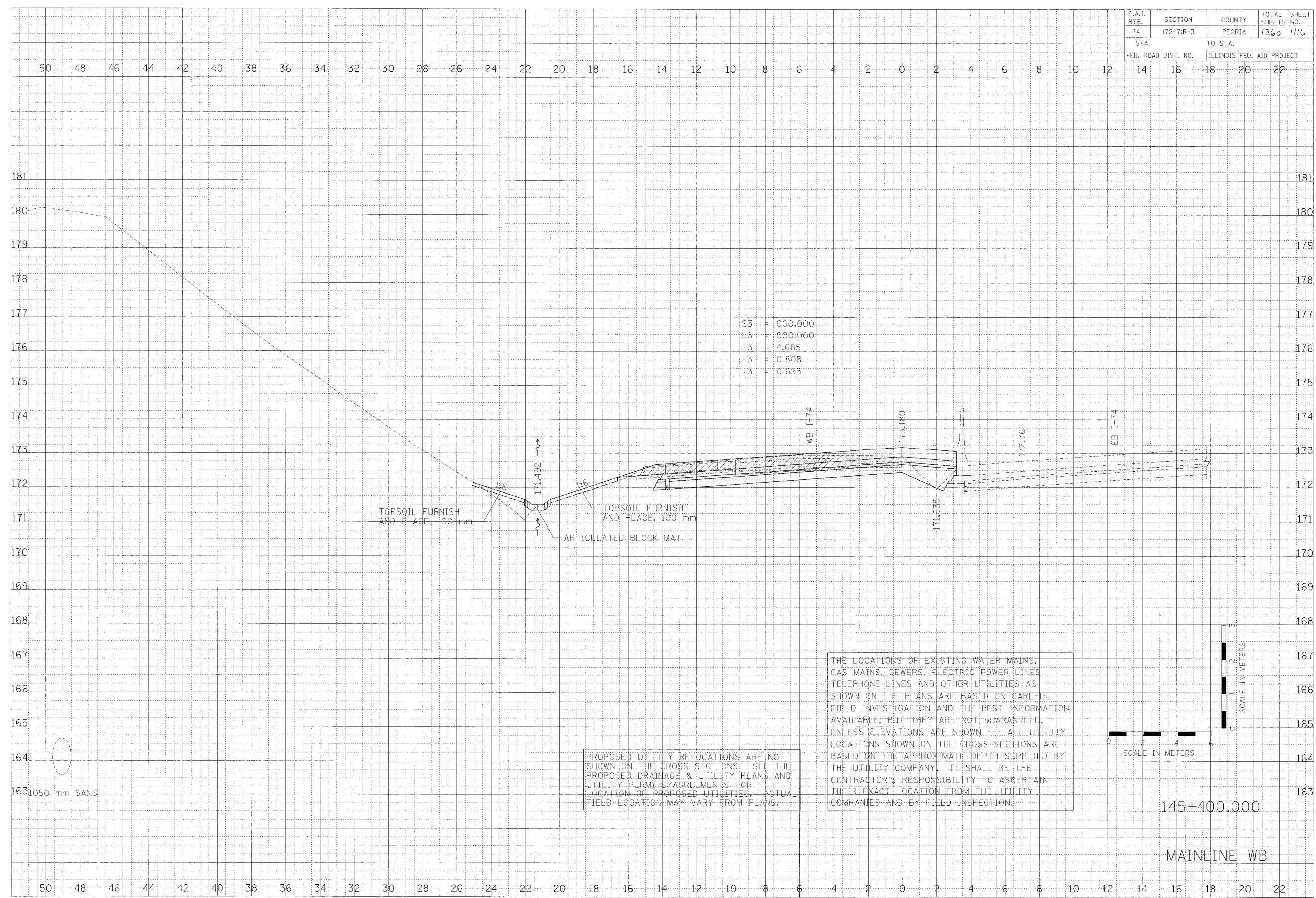
145+380.101
 MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-TIR-3	PEORIA	1360	1116
STA. TO STA.			ILLINOIS FED. AID PROJECT	
FED. ROAD DIST. NO.				

DATE	BY
DATE	BY
DATE	BY

CLARK ENGINEERS, INC.

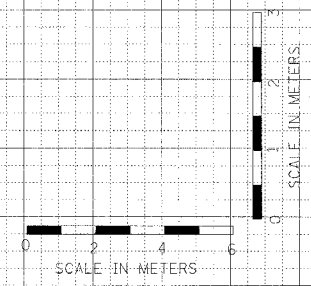
DATE	BY
DATE	BY
DATE	BY



S3 = 000.000
 U3 = 000.000
 E3 = 4.685
 F3 = 0.808
 Z = 0.695

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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145+400.000
 MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	117
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

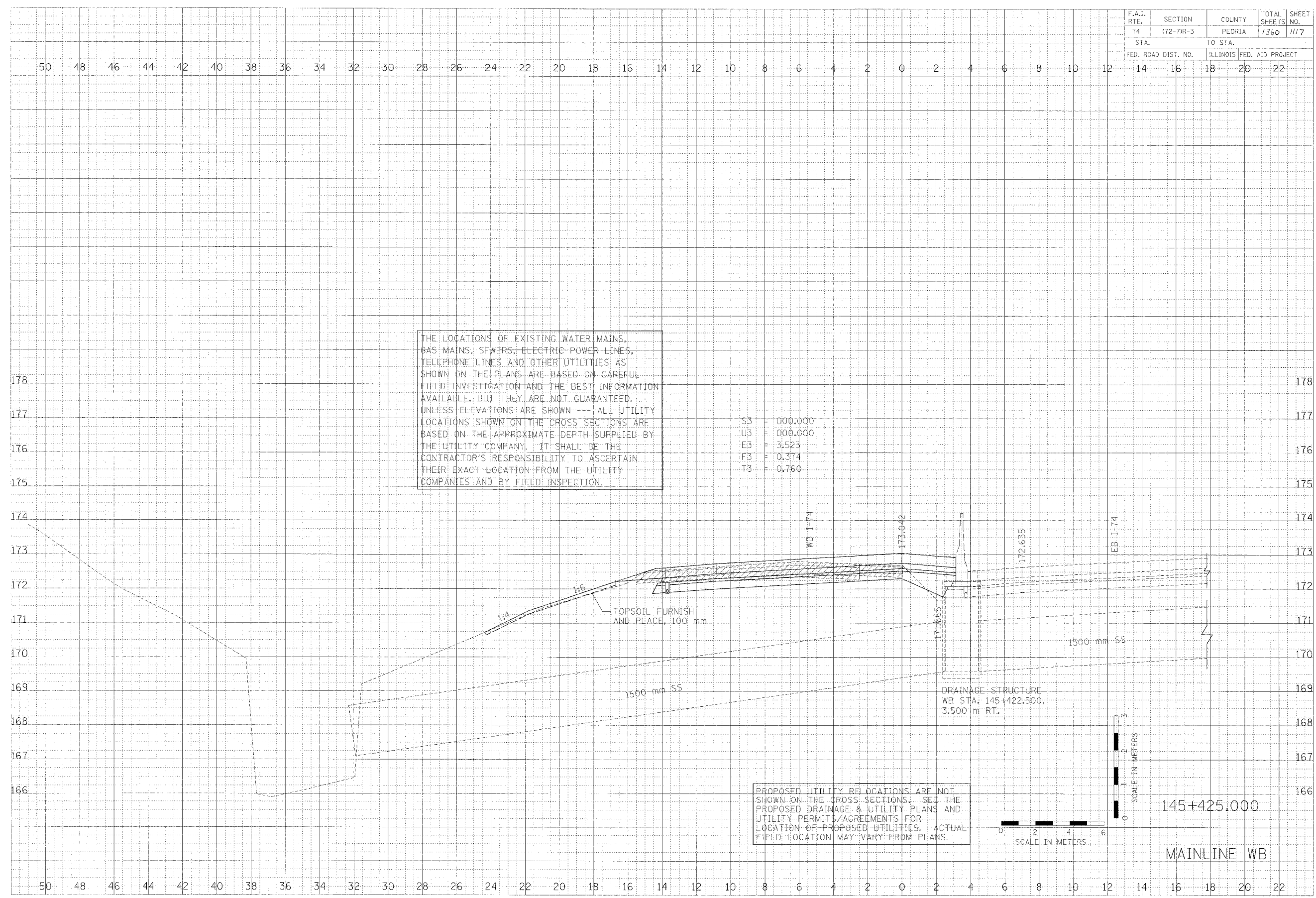
DATE	BY	NOTE

CLARK ENGINEERS, INC.

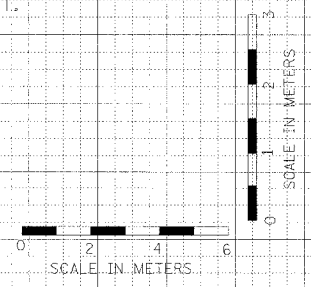
DATE	BY	NOTE

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

S3 = 0.000,000
 U3 = 0.000,000
 E3 = 3.523
 F3 = 0.374
 T3 = 0.760



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.



145+425.000
 MAINLINE WB

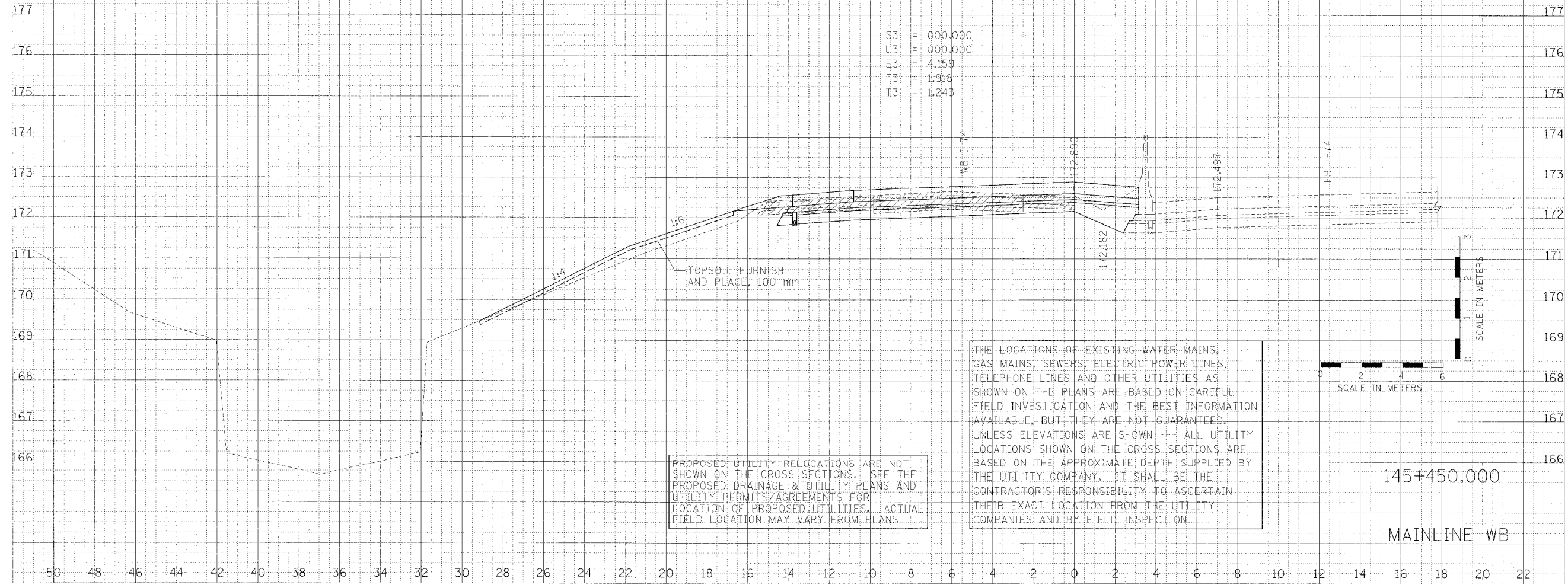
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
74	72-71R-3	PEORIA	1360 / 1118
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

FINAL SURVEY REPORT
 DATE: 08/11/04
 PROJECT: ILLINOIS
 SHEET NO.: 1118
 DRAWN BY: JEFFREY B. BROWN
 CHECKED BY: JEFFREY B. BROWN

CLARK ENGINEERS, INC.

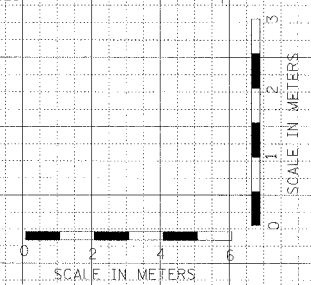
PROPOSED UTILITY RELOCATION
 DATE: 08/11/04
 PROJECT: ILLINOIS
 SHEET NO.: 1118
 DRAWN BY: JEFFREY B. BROWN
 CHECKED BY: JEFFREY B. BROWN



S3 = 000.000
 U3 = 000.000
 E3 = 4.159
 F3 = 1.918
 T3 = 1.243

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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145+450.000

MAINLINE WB

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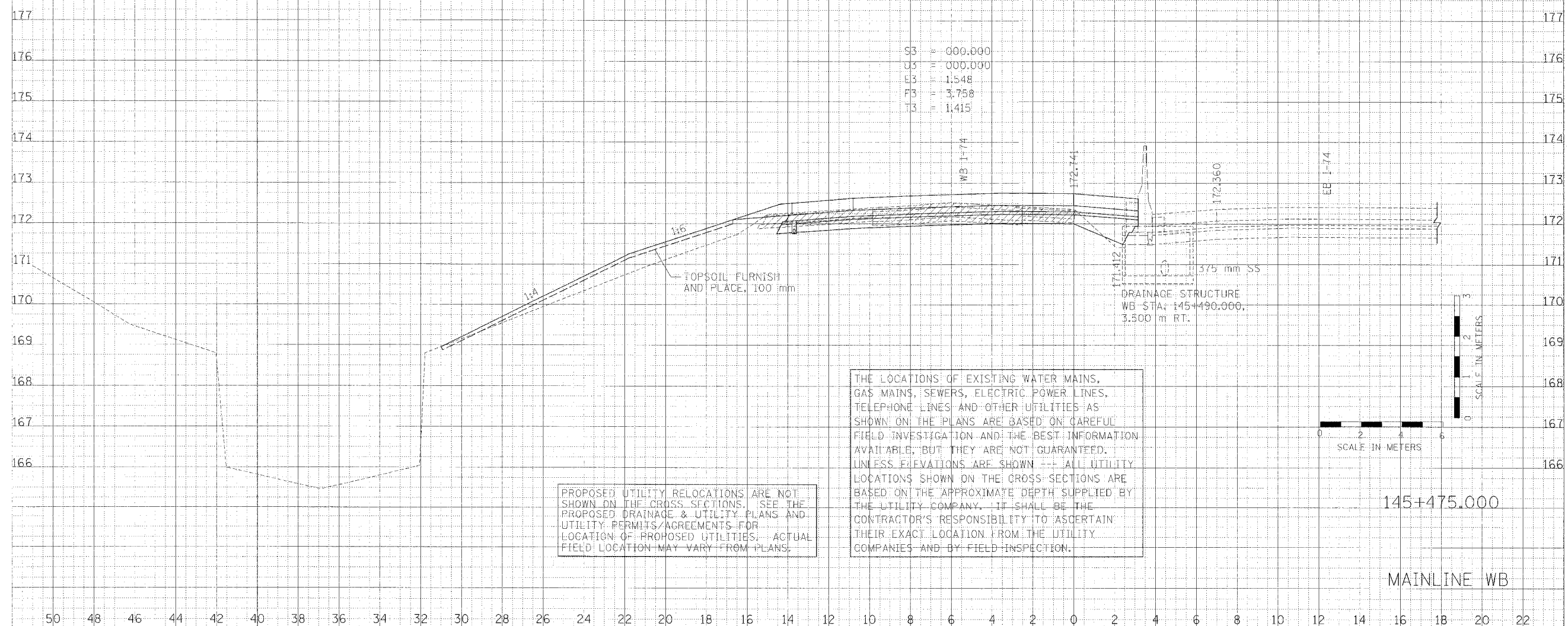
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1179
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

DATE	BY	CHKD
FINAL SURVEY		
NOTE: UNLESS OTHERWISE SPECIFIED, ALL AREAS CHECKED.		

CLARK ENGINEERS, INC.

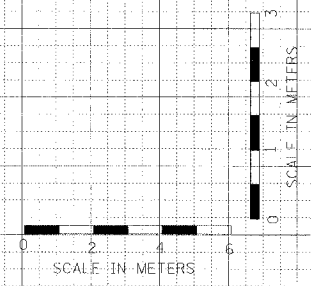
DATE	BY	CHKD
PRELIM SURVEY		
NOTE: UNLESS OTHERWISE SPECIFIED, ALL AREAS CHECKED.		



S3	W	000.000
U3	W	000.000
E3	W	1:548
F3	W	3:758
T3	W	1:415

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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145+475.000

MAINLINE WB

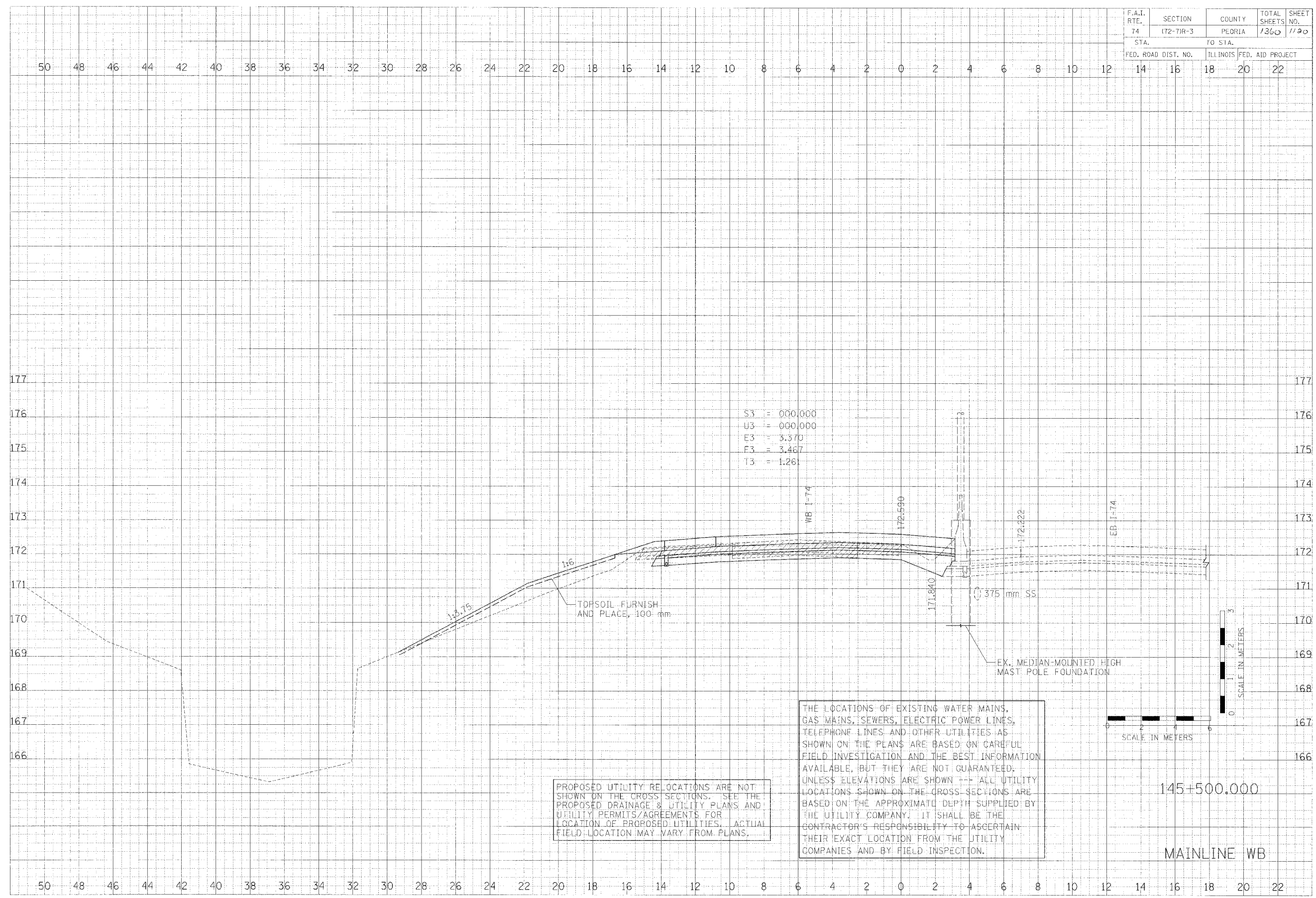
50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	136	119
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO. 112

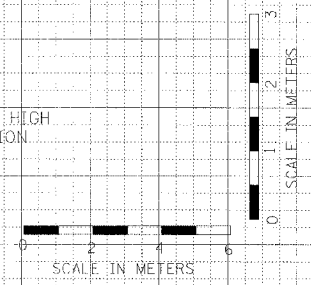
CLARK ENGINEERS, INC.

PRELIMINARY SURVEY NOTE BOOK NO. 112



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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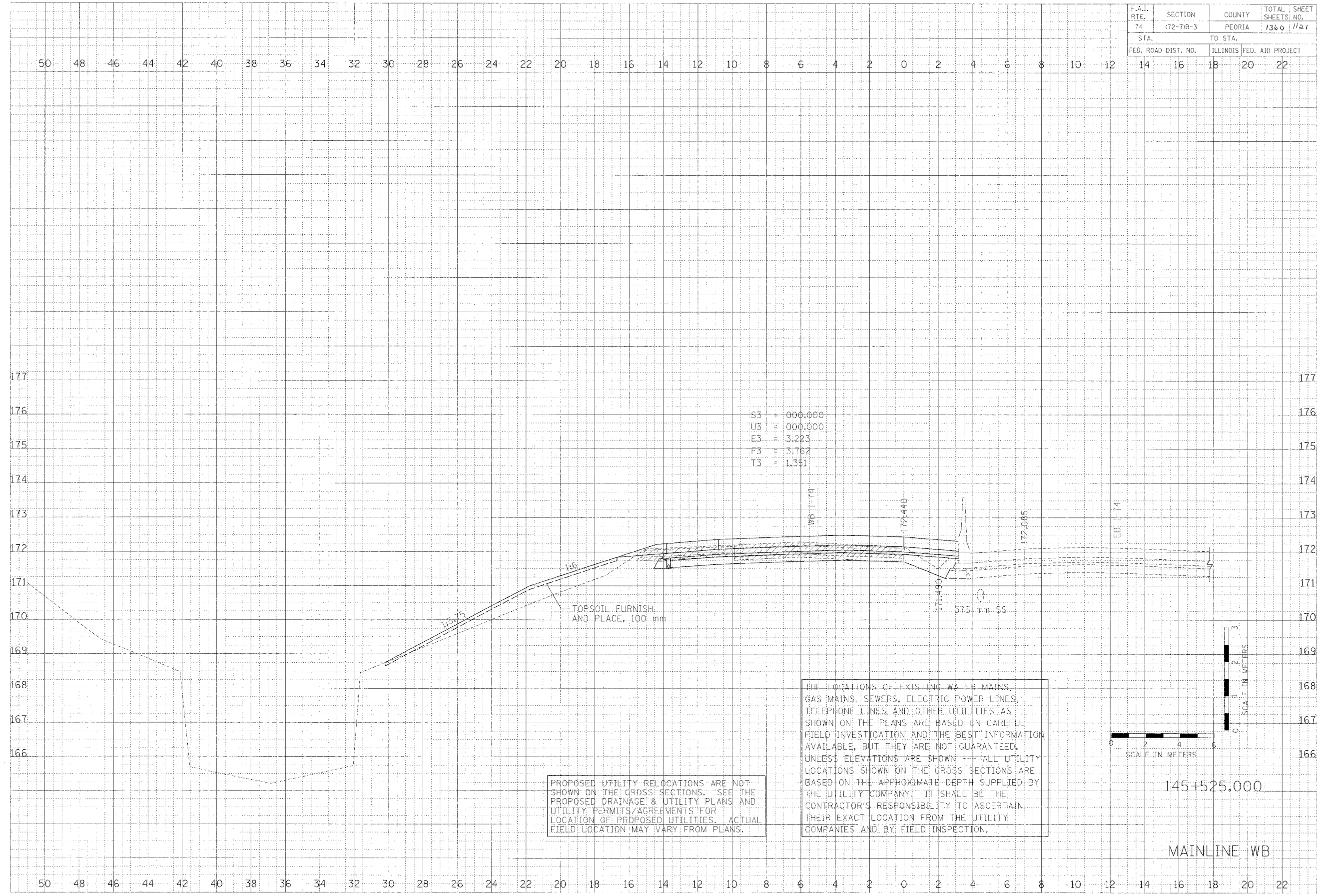


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1121
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
14	16	18	20	22

FIN. SER. 10/17/11
 DATE 10/17/11
 CHECKED BY [Signature]
 DRAWN BY [Signature]
 NOTE BOOK AREAS CHECKED

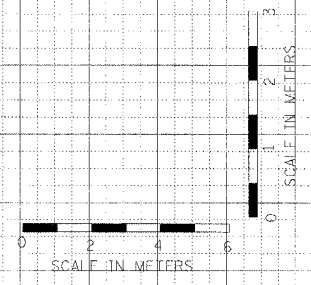
CLARK ENGINEERS, INC.
 1000 N. WASHINGTON ST.
 PEORIA, ILL. 61604
 PHONE: 309.674.1111
 FAX: 309.674.1112
 WWW.CLARKENGINEERS.COM

SECTION 0
 DATE 10/17/11
 CHECKED BY [Signature]
 DRAWN BY [Signature]
 NOTE BOOK AREAS CHECKED



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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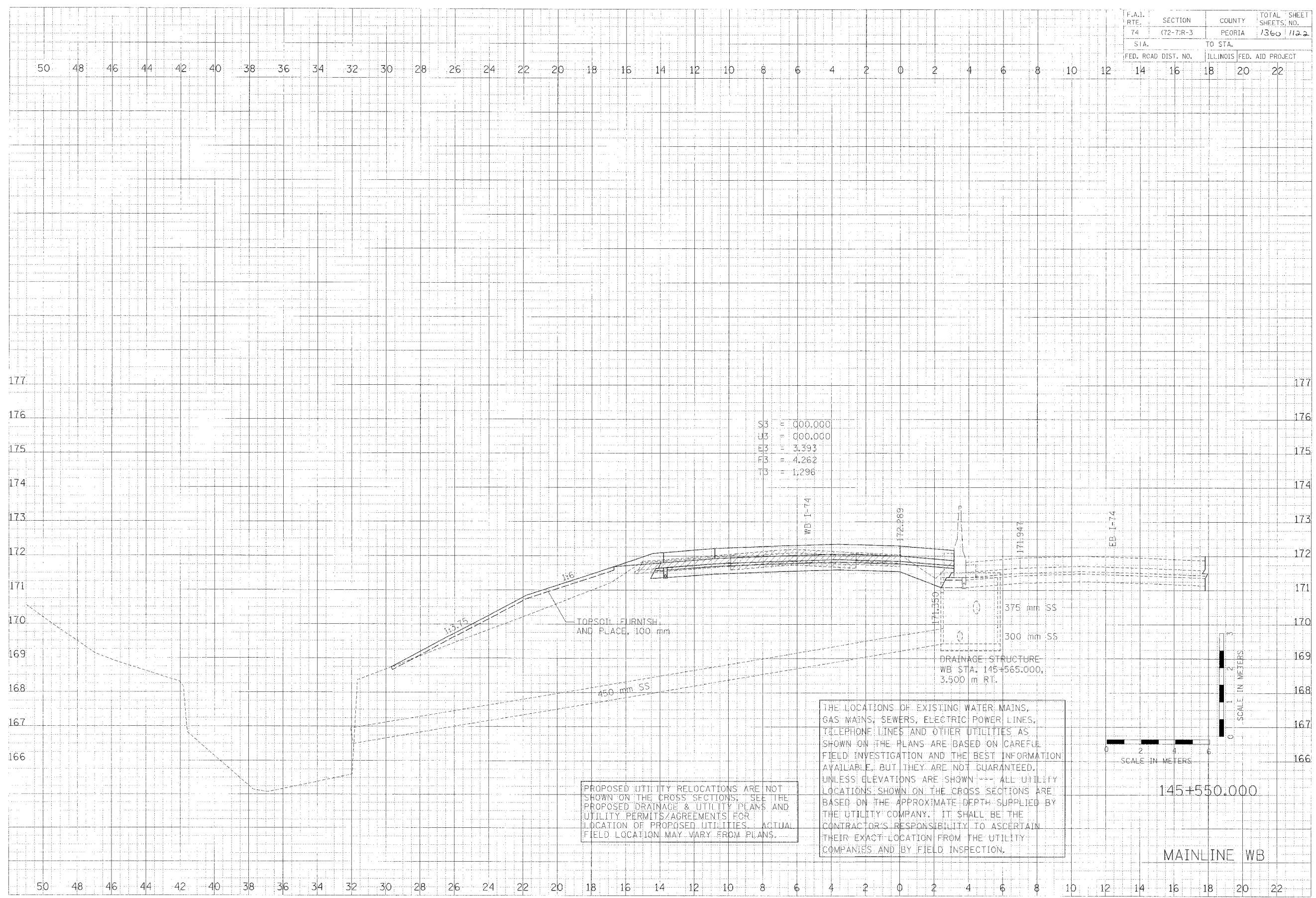


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS, NO.
74	(72-7)R-3	PEORIA	1360 / 1122
S.I.A.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
14	16	18	20 22

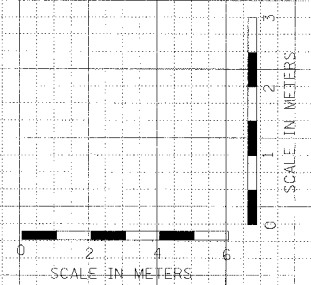
DATE	BY	CHKD
10/15/14	JACOB C. CLARK	
DATE	BY	CHKD
10/15/14	JACOB C. CLARK	
DATE	BY	CHKD
10/15/14	JACOB C. CLARK	

CLARK ENGINEERS, INC.

DATE	BY	CHKD
10/15/14	JACOB C. CLARK	
DATE	BY	CHKD
10/15/14	JACOB C. CLARK	
DATE	BY	CHKD
10/15/14	JACOB C. CLARK	



SS = 000.000
 U3 = 000.000
 E3 = 3.393
 F3 = 4.262
 T3 = 1.296



145+550.000

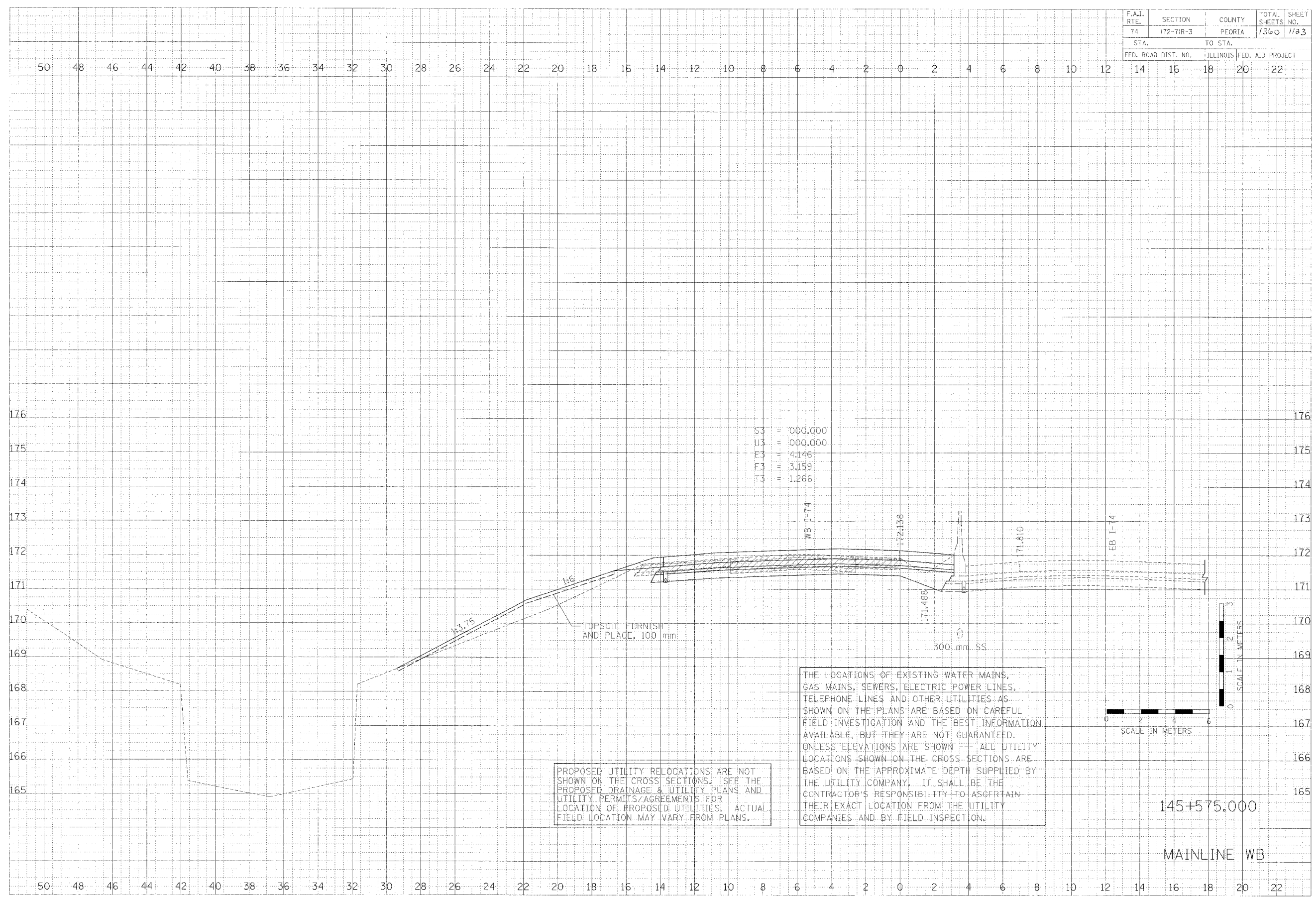
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1193
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
14	16	18	20	22

DATE	BY	DESCRIPTION

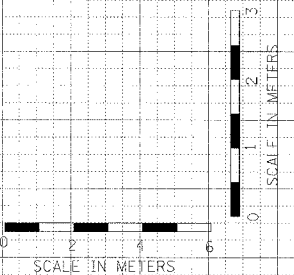
CLARK ENGINEERS, INC.

DATE	BY	DESCRIPTION



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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145+575.000

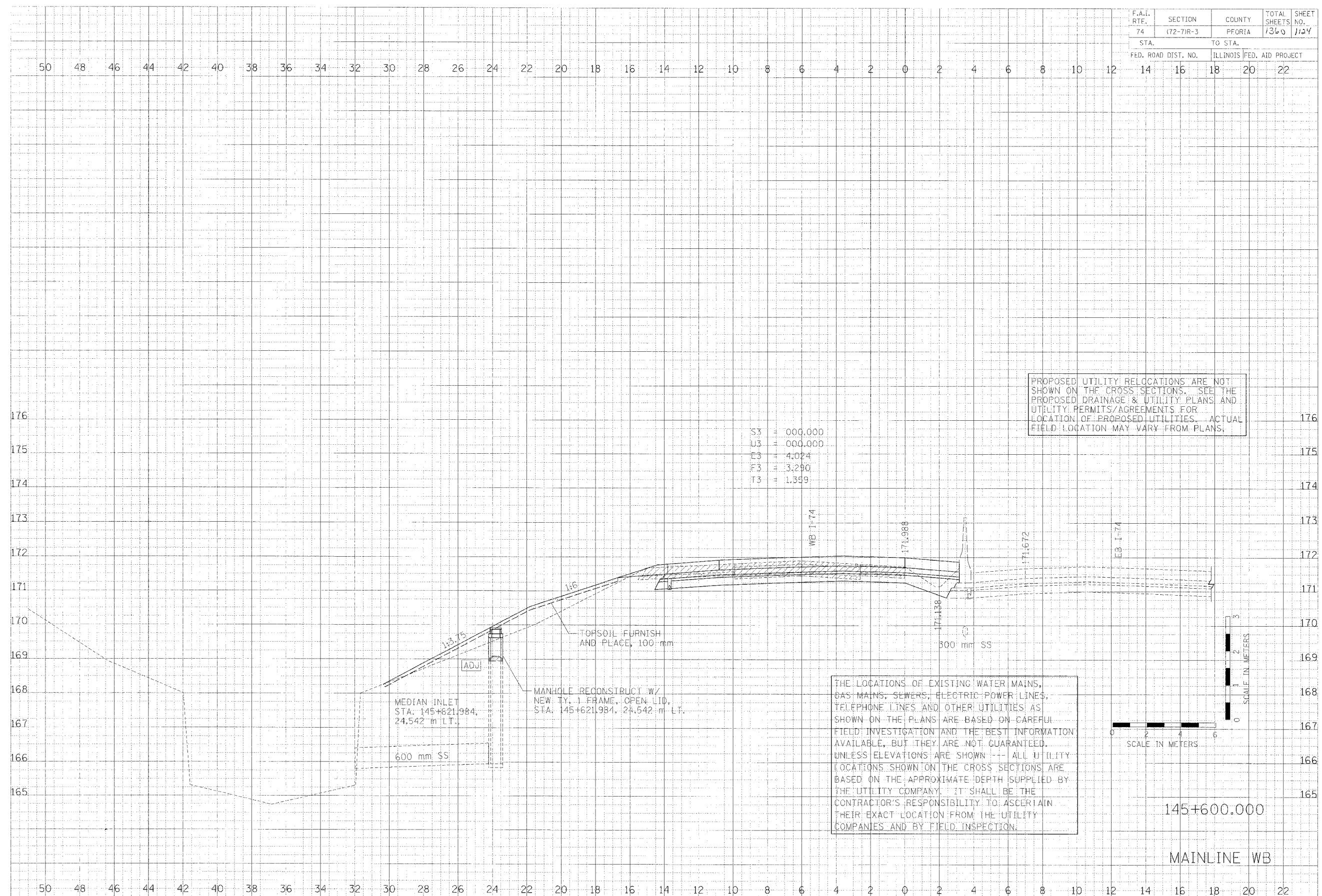
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1124
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE

CLARK ENGINEERS, INC.

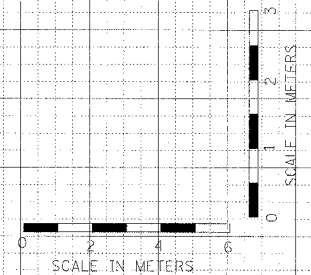
BY	DATE



S3 = 000.000
 U3 = 000.000
 E3 = 4.024
 F3 = 3,290
 T3 = 1.399

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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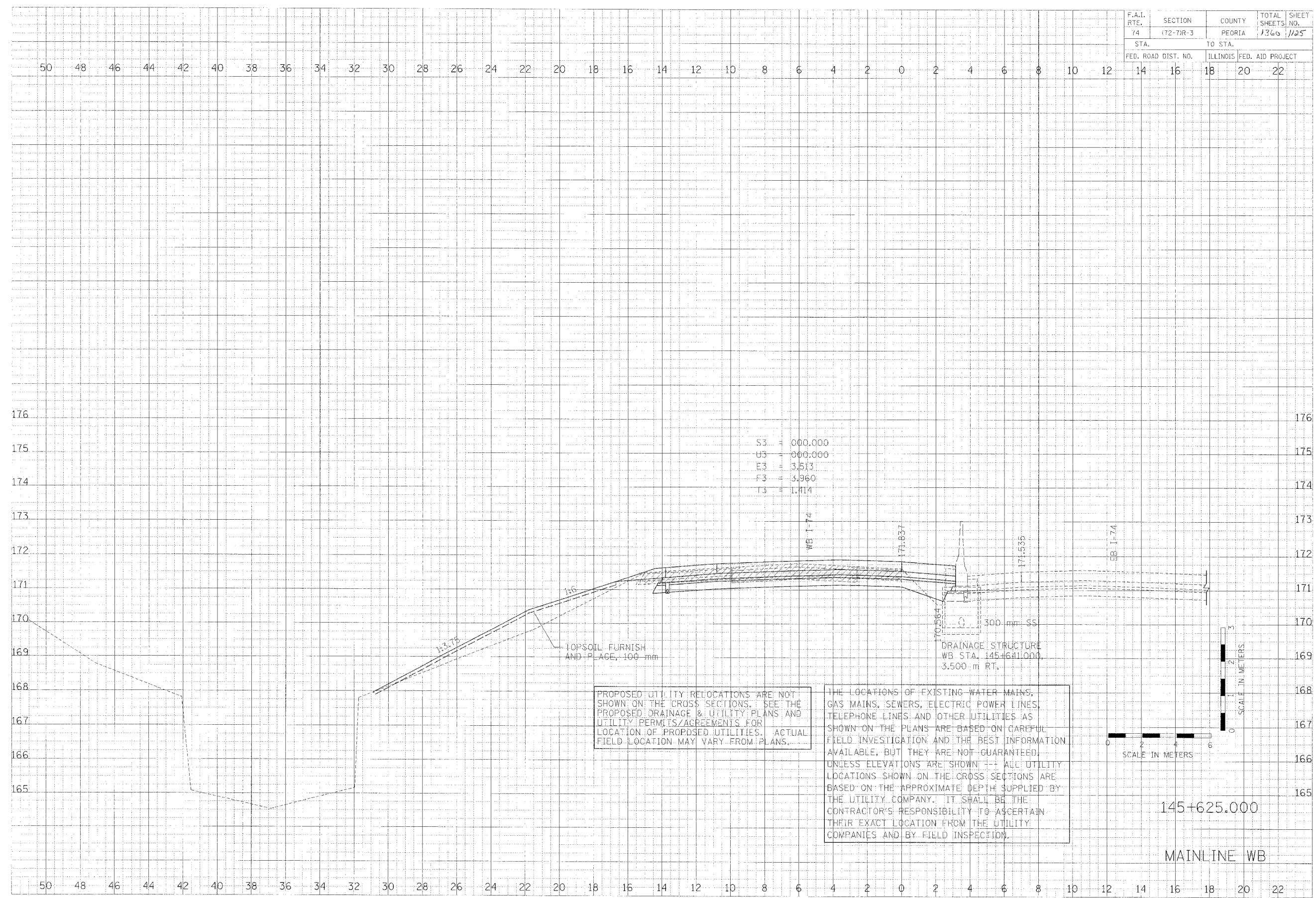
145+600.000
 MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1365	1125
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINISH SURFACE
 SUPPLEMENTARY NOTES
 NOTE 3.04
 AREA CHIEF


 CLARK ENGINEERS, INC.

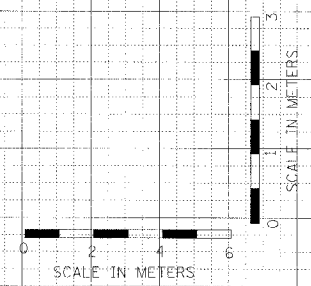
ORIGINAL SURVEY
 DATE
 BY
 CHECKED
 DATE
 BY
 NOTE 3.04
 AREA CHIEF



S3	=	000.000
U3	=	000.000
E3	=	3.513
F3	=	3.960
T3	=	1.414

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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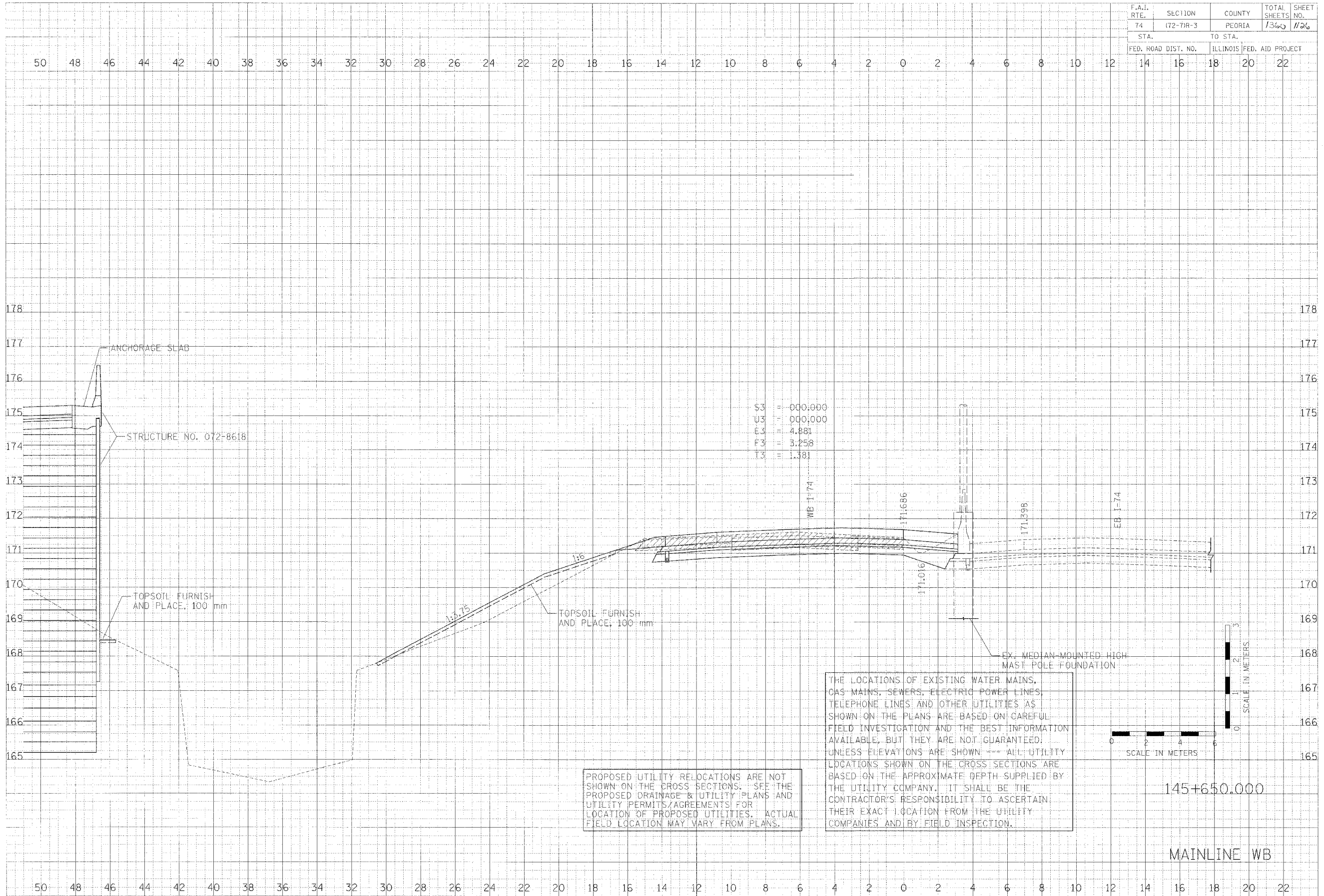
145+625.000
 MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1126
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
12	14	16	18	20

BY: [Signature]
 DATE: [Date]
 CHECKED: [Signature]
 DATE: [Date]
 DRAWN: [Signature]
 DATE: [Date]
 IN CHARGE: [Signature]
 DATE: [Date]
 PROJECT NO.: [Number]
 SHEET NO.: [Number]

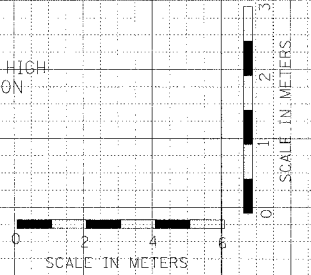
CLARK ENGINEERS, INC.

BY: [Signature]
 DATE: [Date]
 CHECKED: [Signature]
 DATE: [Date]
 DRAWN: [Signature]
 DATE: [Date]
 IN CHARGE: [Signature]
 DATE: [Date]
 PROJECT NO.: [Number]
 SHEET NO.: [Number]



S3 = 000,000
 U3 = 000,000
 E3 = 4.881
 F3 = 3.258
 T3 = 1.381

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



145+650.000

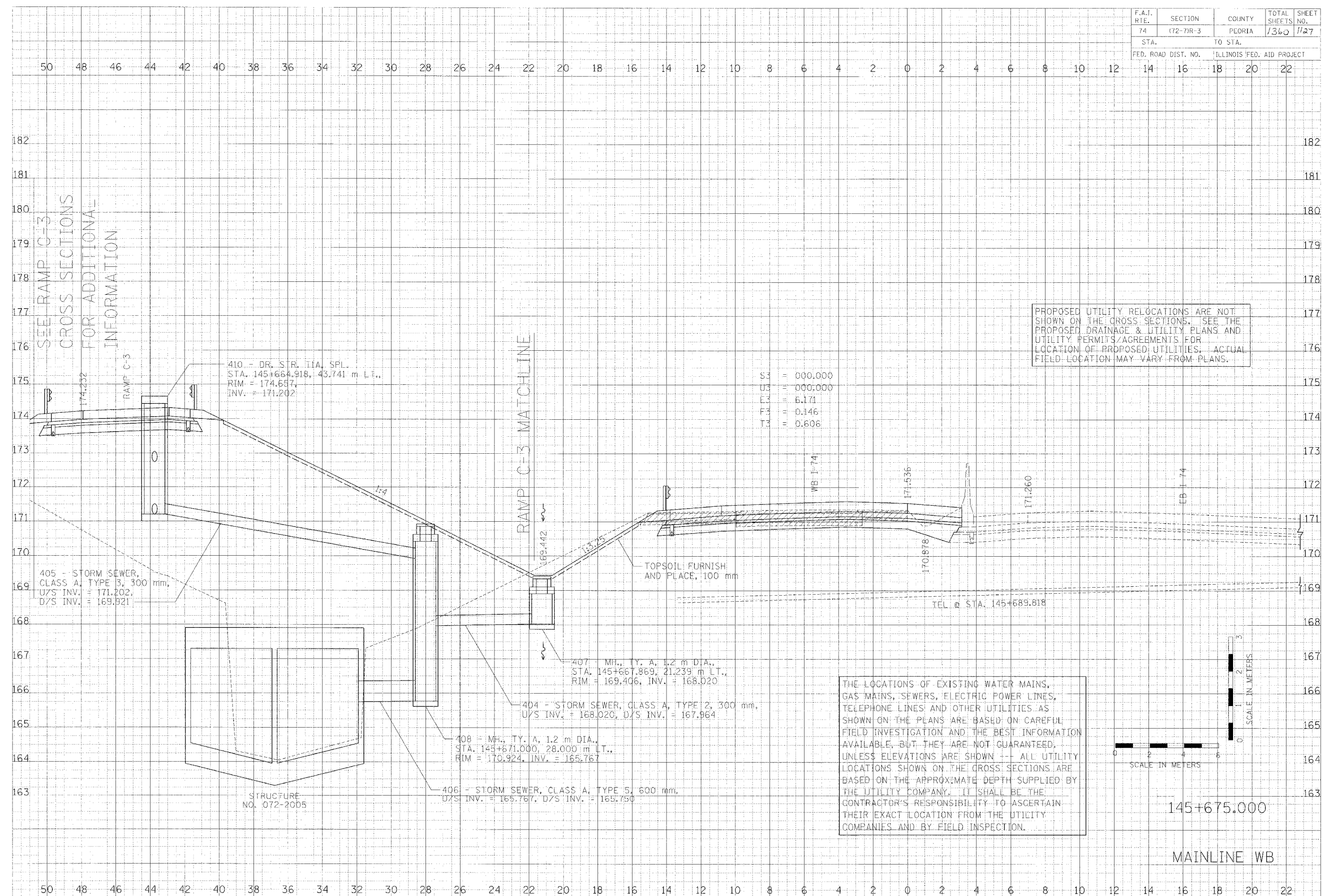
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1127
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEYED
 DATE: 11/11/11
 NOTE BOOK: 111111
 AREA: 111111

CLARK ENGINEERS, INC.

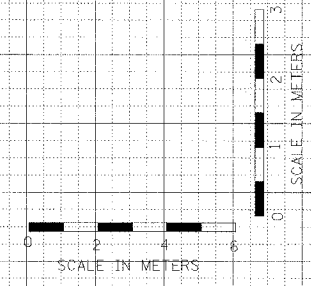
DATE: 11/11/11
 BY: [Signature]
 CHECKED: [Signature]
 APPROVED: [Signature]



S3	=	000.000
U3	=	000.000
F3	=	6.171
F3	=	0.146
T3	=	0.606

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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145+675.000

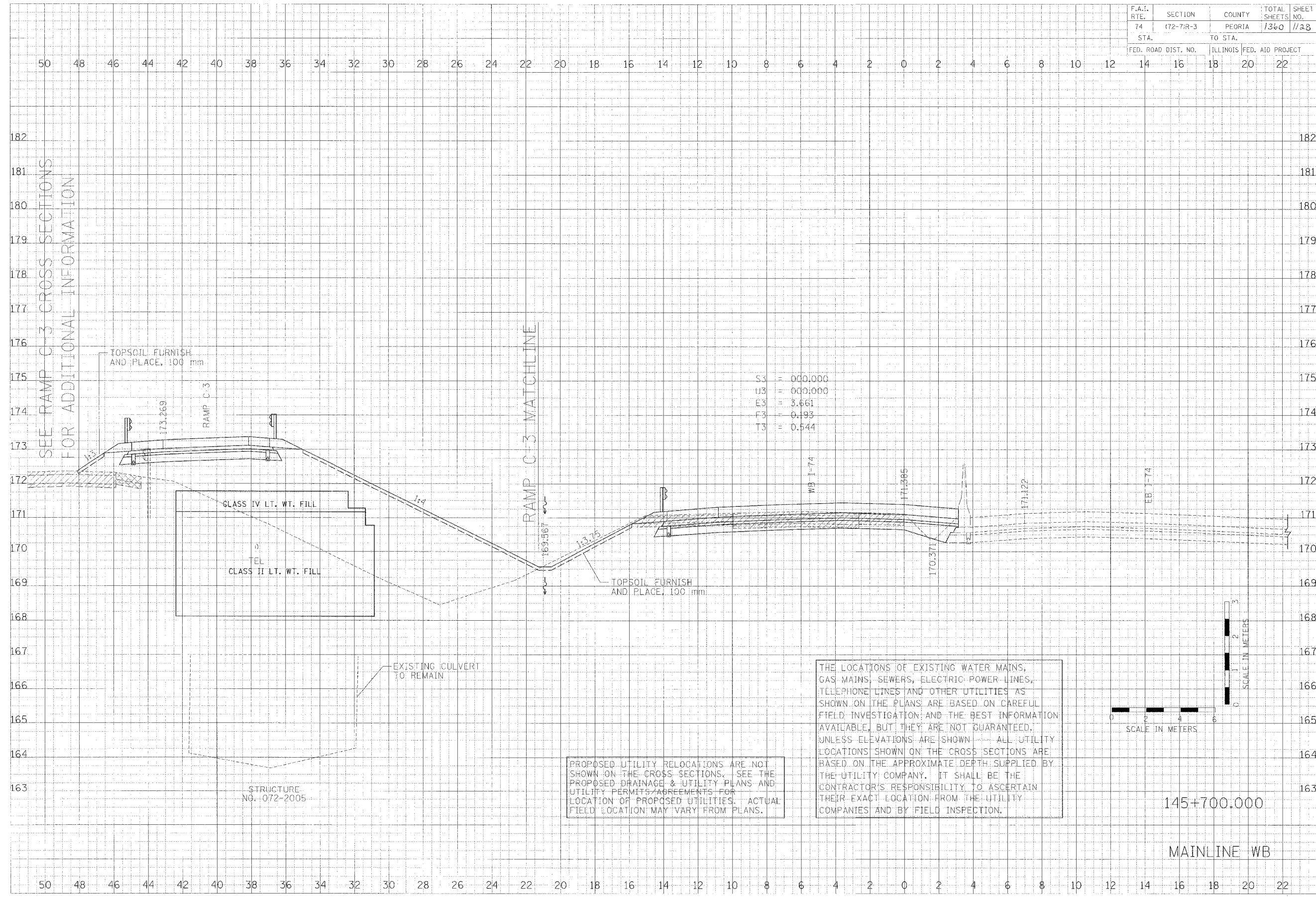
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	//28
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

ENR SUPERVISOR
 DATE
 SUPERVISOR
 DATE
 NOTE BOOK
 DATE
 CHECKED
 DATE
 APPROVED
 DATE



DESIGN SUPERVISOR
 DATE
 SUPERVISOR
 DATE
 NOTE BOOK
 DATE
 CHECKED
 DATE
 APPROVED
 DATE



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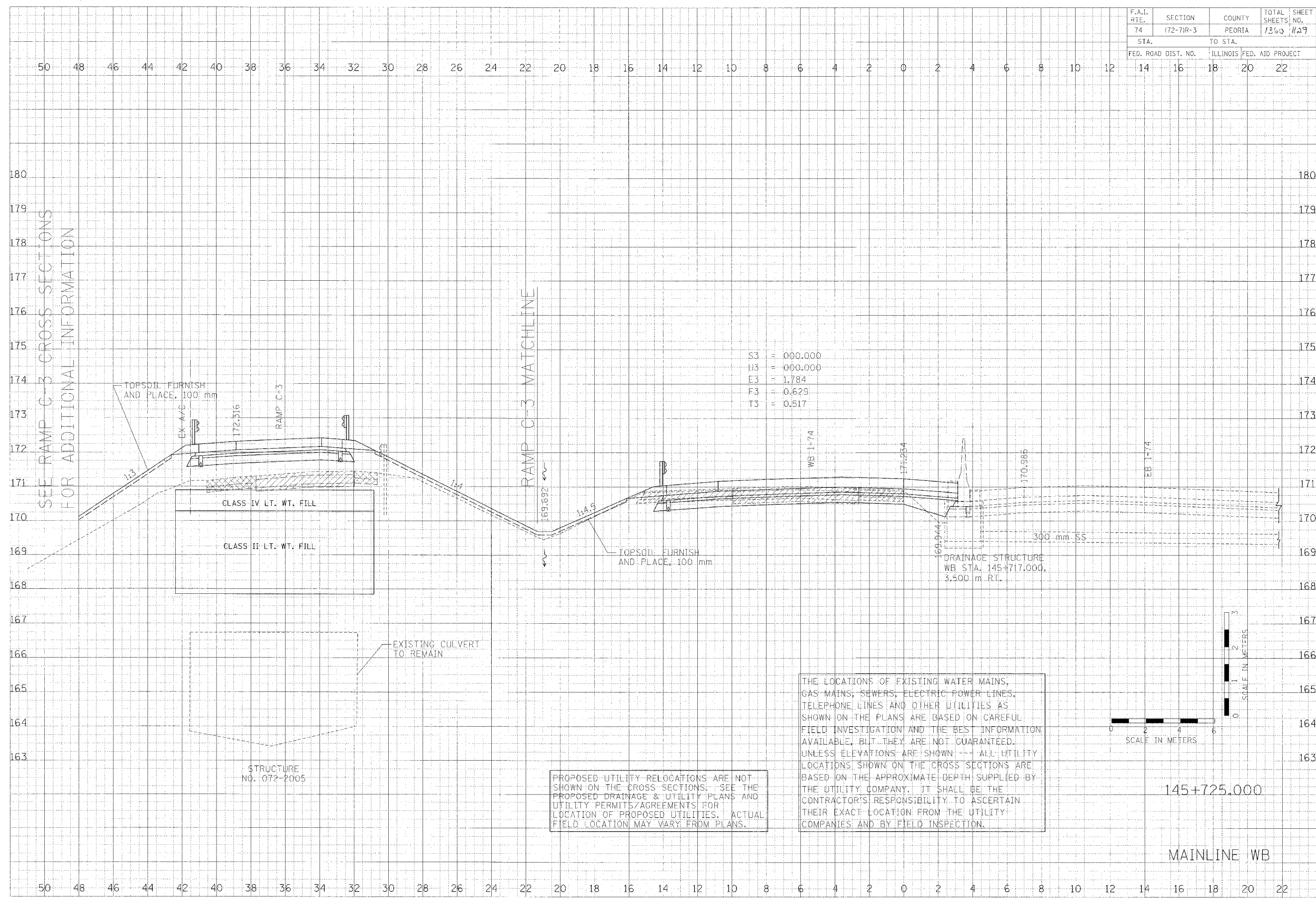
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1129
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
14	16	18	20	22

DATE	BY
11/11/04	...
DATE	BY
11/11/04	...

CLARK ENGINEERS, INC.

DATE	BY
11/11/04	...
DATE	BY
11/11/04	...



S3	=	000.000
U3	=	000.000
E3	=	1.784
F3	=	0.629
T3	=	0.517

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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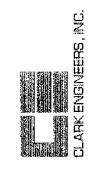
SCALE IN METERS

145+725.000

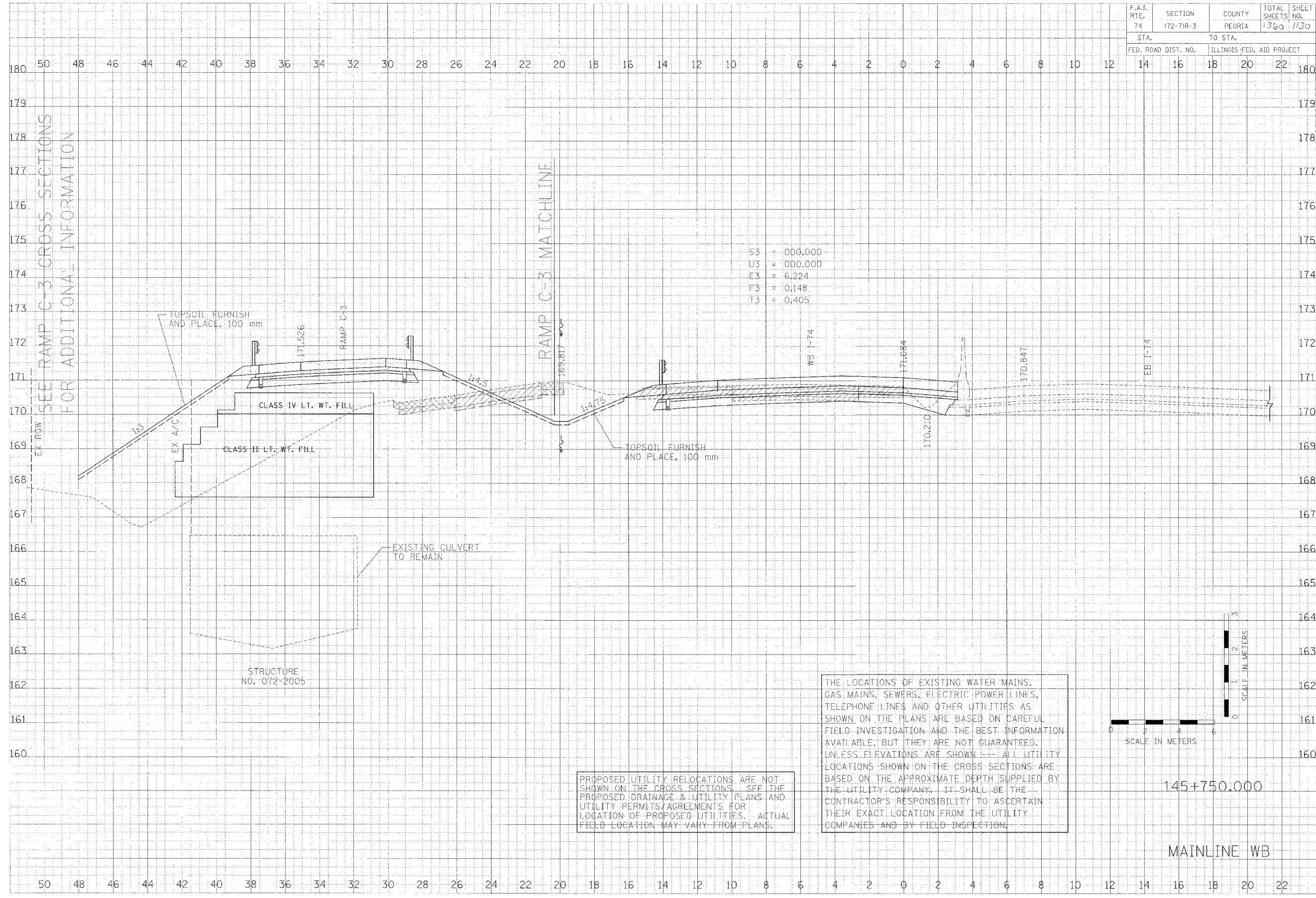
MAINLINE WB

F.A.I. RTE. 74	SECTION 172-71R-3	COUNTY PEORIA	TOTAL SHEETS 1360	SHEET NO. 1130
STA. 14		TO STA. 22		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY



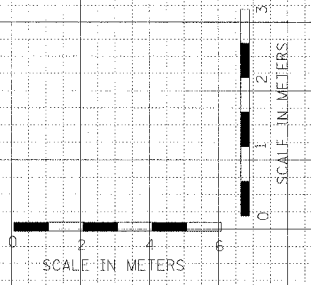
DATE	BY
DATE	BY



S3	=	000.000
U3	=	000.000
E3	=	6.224
F3	=	0.148
T3	=	0.405

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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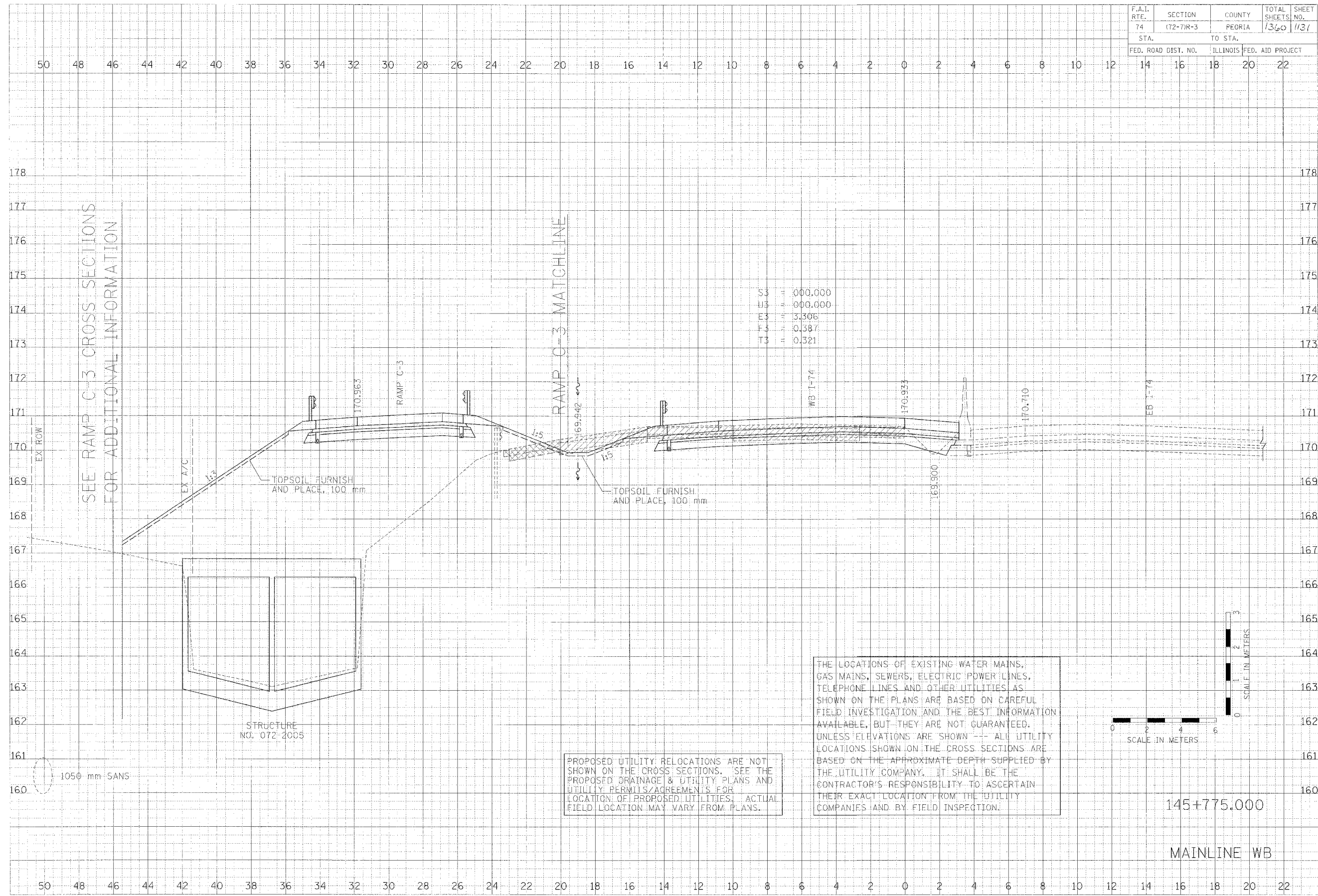
145+750.000
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1131
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
14	16	18	20	22

DATE	BY
DATE	BY
DATE	BY
DATE	BY



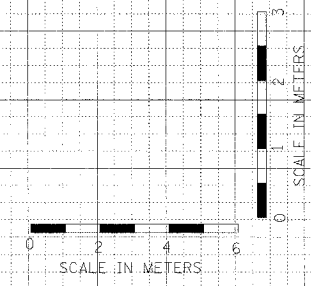
DATE	BY
DATE	BY
DATE	BY
DATE	BY



S3	000.000
U3	000.000
E3	3.306
F3	0.387
T3	0.321

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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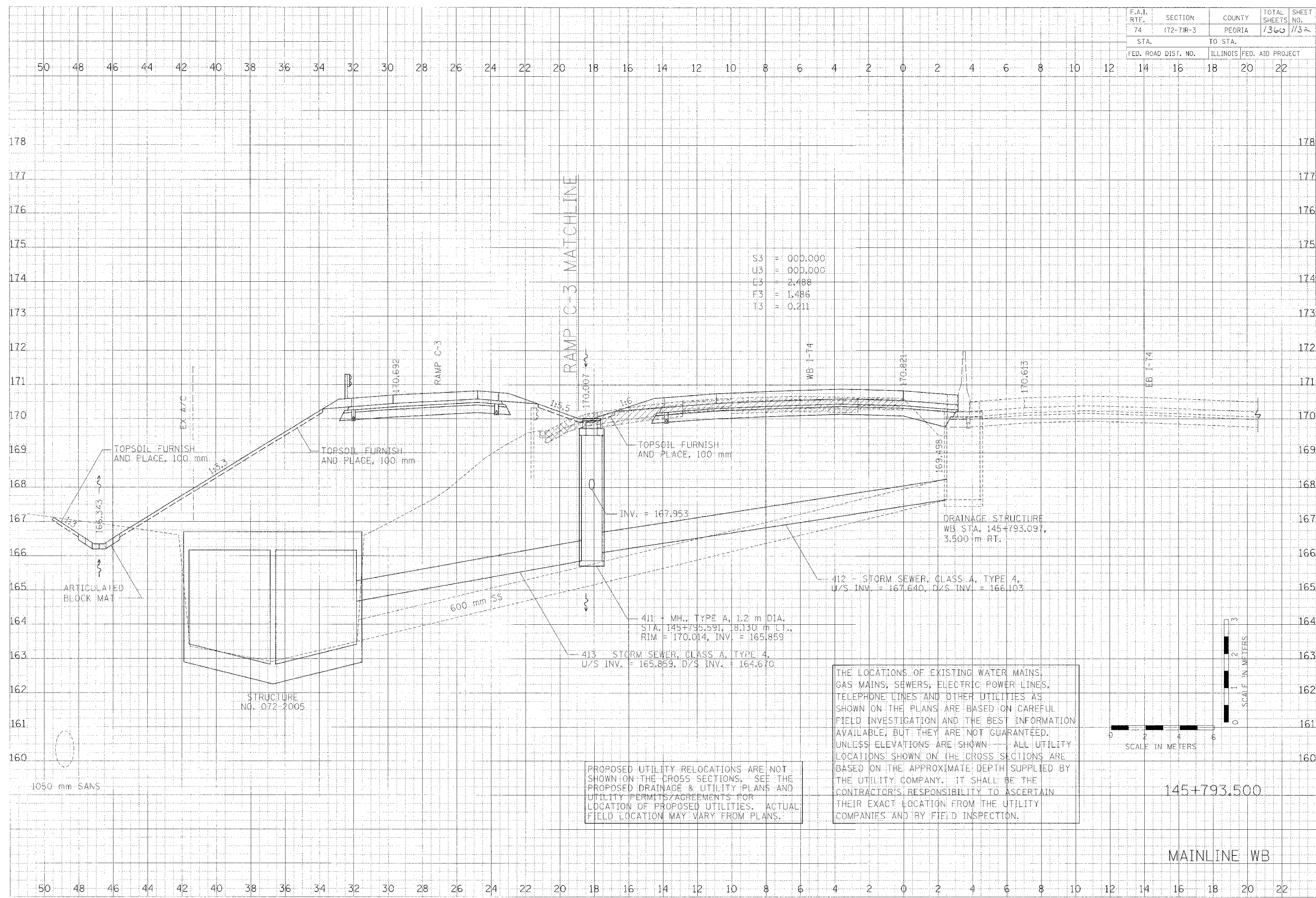
145+775.000
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1132
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE

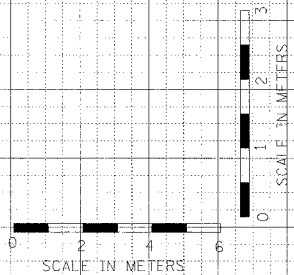


BY	DATE



THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE; BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN - ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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145+793.500

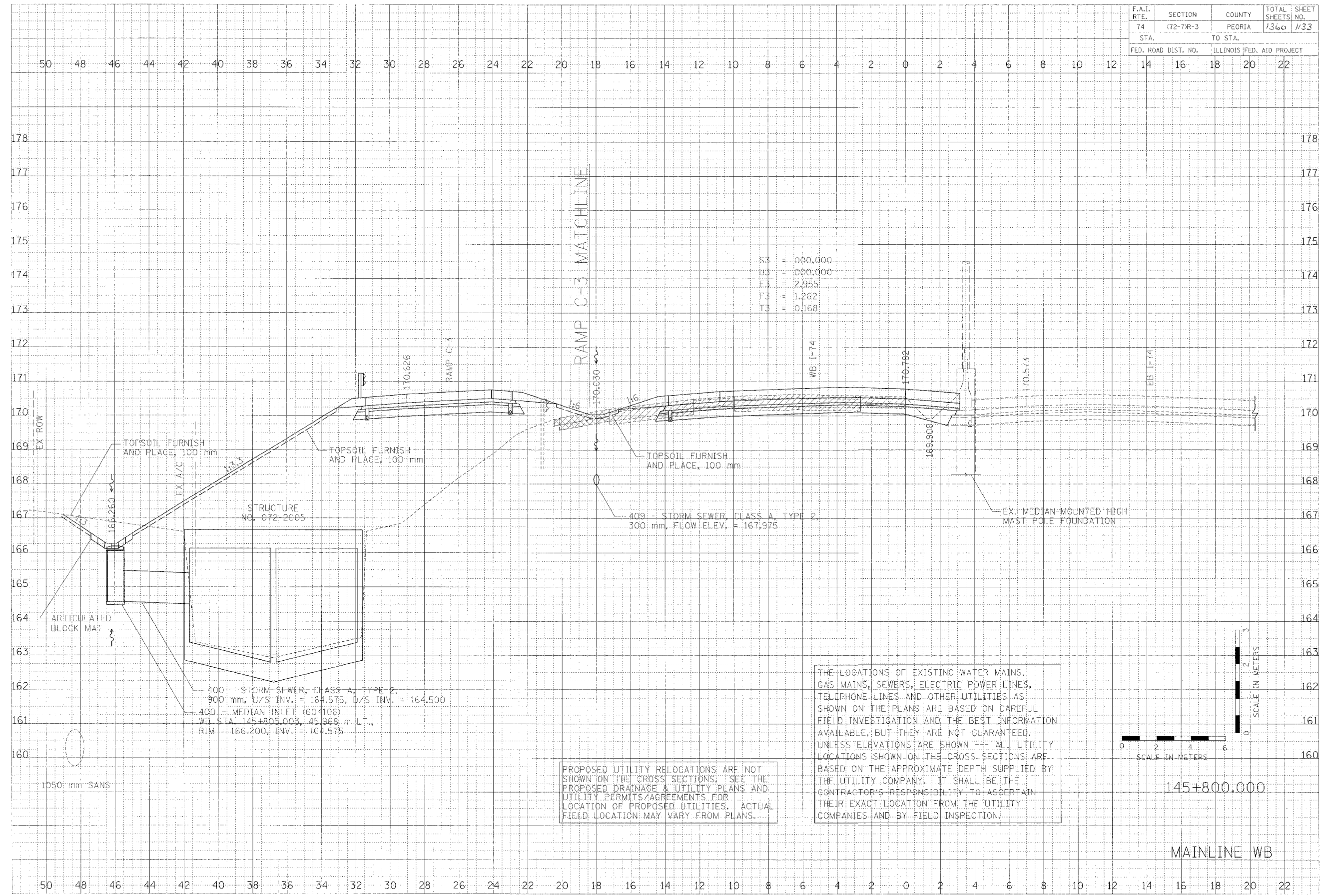
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
74	172-71R-3	PEORIA	1360 / 133
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY
DATE	BY

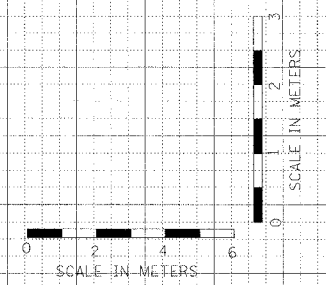
CLARK ENGINEERS, INC.

DATE	BY
DATE	BY
DATE	BY
DATE	BY



THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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145+800.000

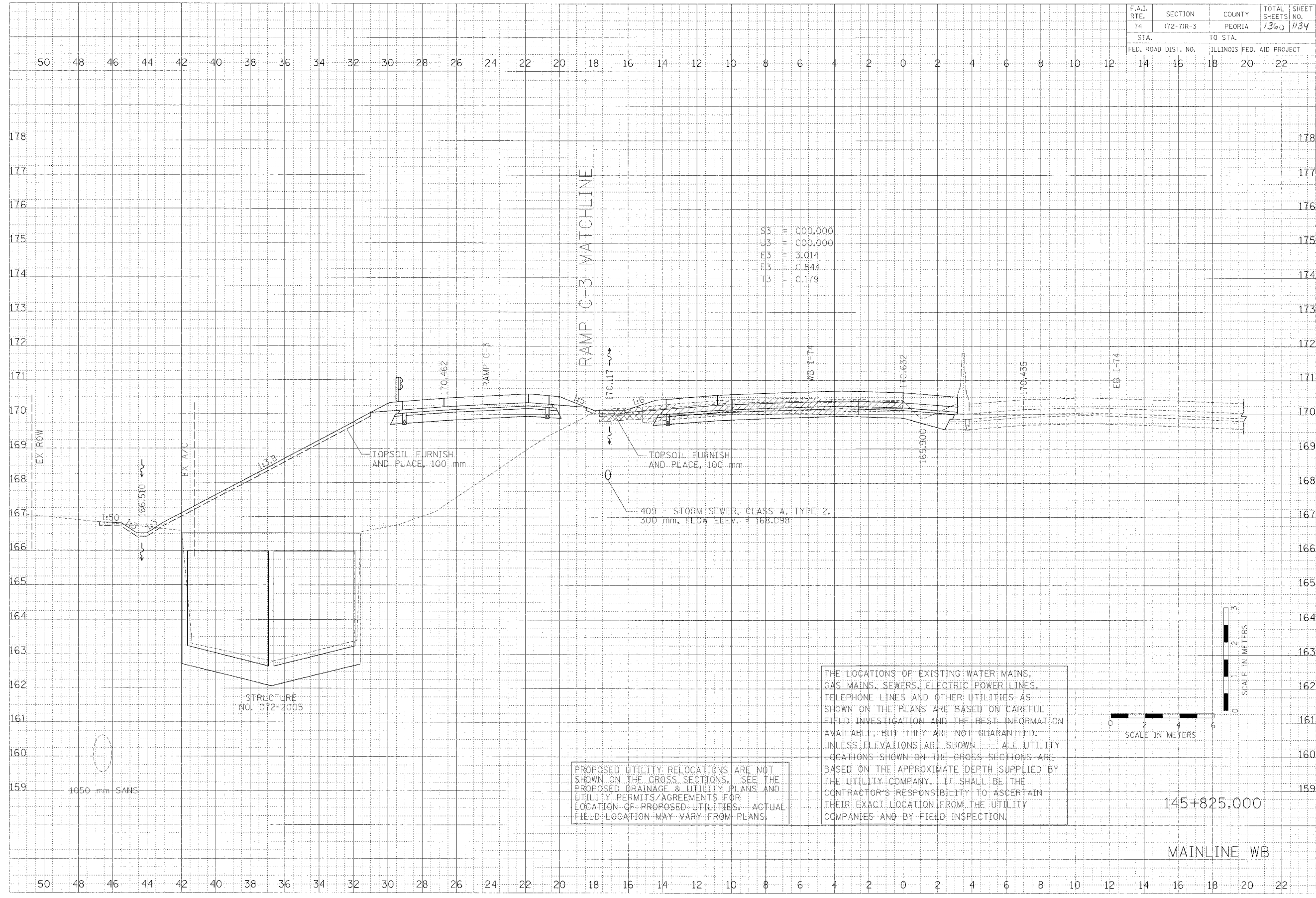
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	136	134
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	CHKD.
DATE	BY	CHKD.

CLARK ENGINEERS, INC.

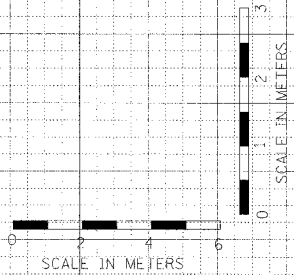
DATE	BY	CHKD.
DATE	BY	CHKD.



S3	000.000
L3	000.000
E3	3.014
F3	0.844
T3	0.179

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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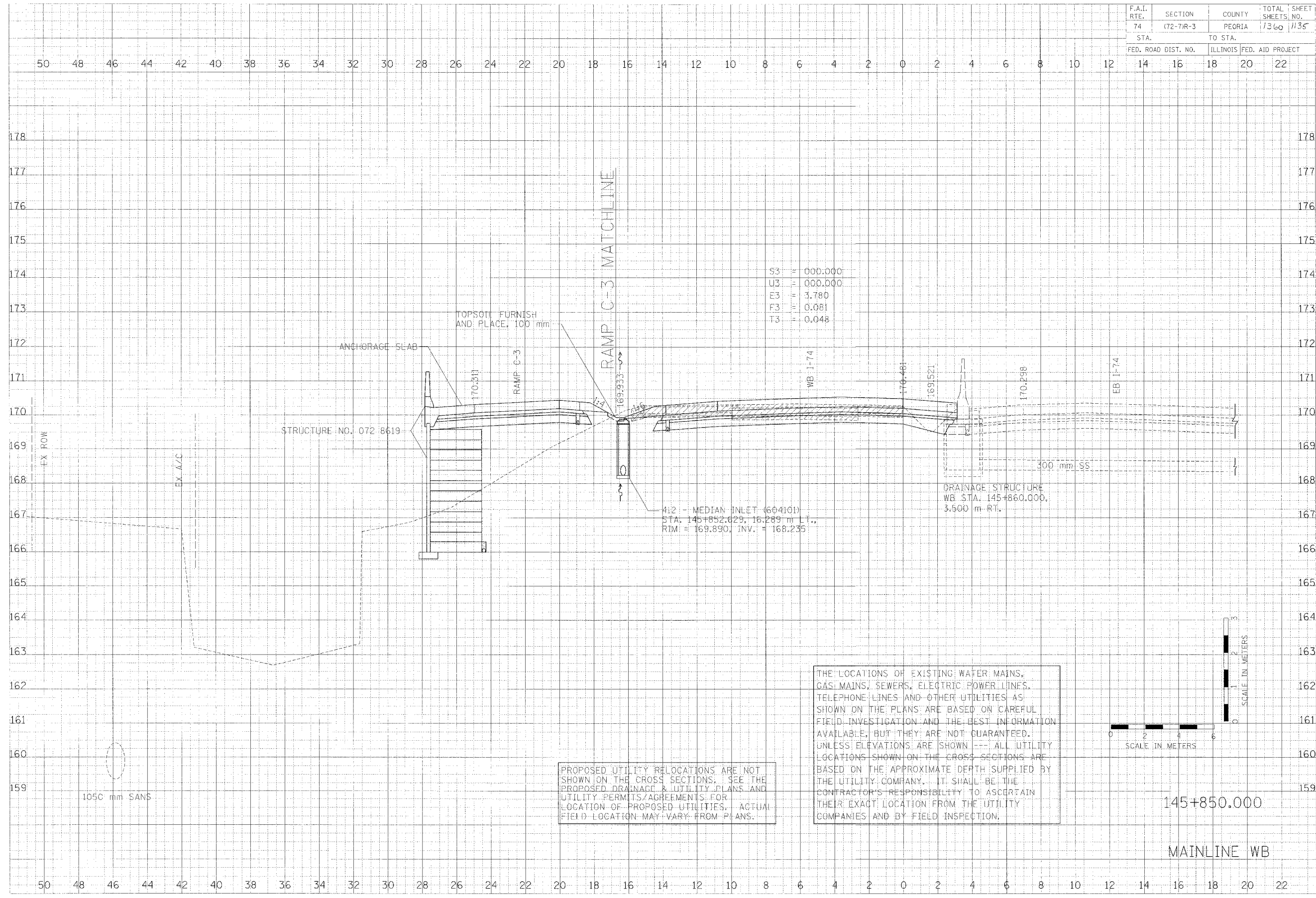
145+825.000
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS, NO.
74	172-71R-3	PEORIA	1360 / 1135
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

DATE: _____ BY: _____
 SURVEYED: _____
 SUPPLY: _____
 NOTE BOOK: _____
 PLANS: _____
 CHECKED: _____

CLARK ENGINEERS, INC.

DATE: _____ BY: _____
 SURVEYED: _____
 SUPPLY: _____
 NOTE BOOK: _____
 PLANS: _____
 CHECKED: _____



S3	=	000.000
U3	=	000.000
E3	=	3.780
F3	=	0.081
T3	=	0.048

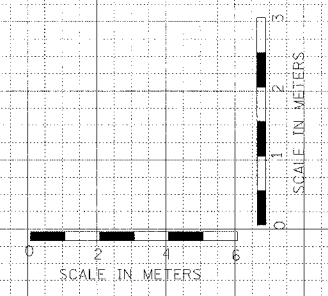
STRUCTURE NO. 072 8619

4:2 - MEDIAN INLET (604101)
 STA. 145+852.629, 16.289 m LT.,
 RIM = 169.890, INV. = 168.255

DRAINAGE STRUCTURE
 WB STA. 145+860.000,
 3.500 m RT.

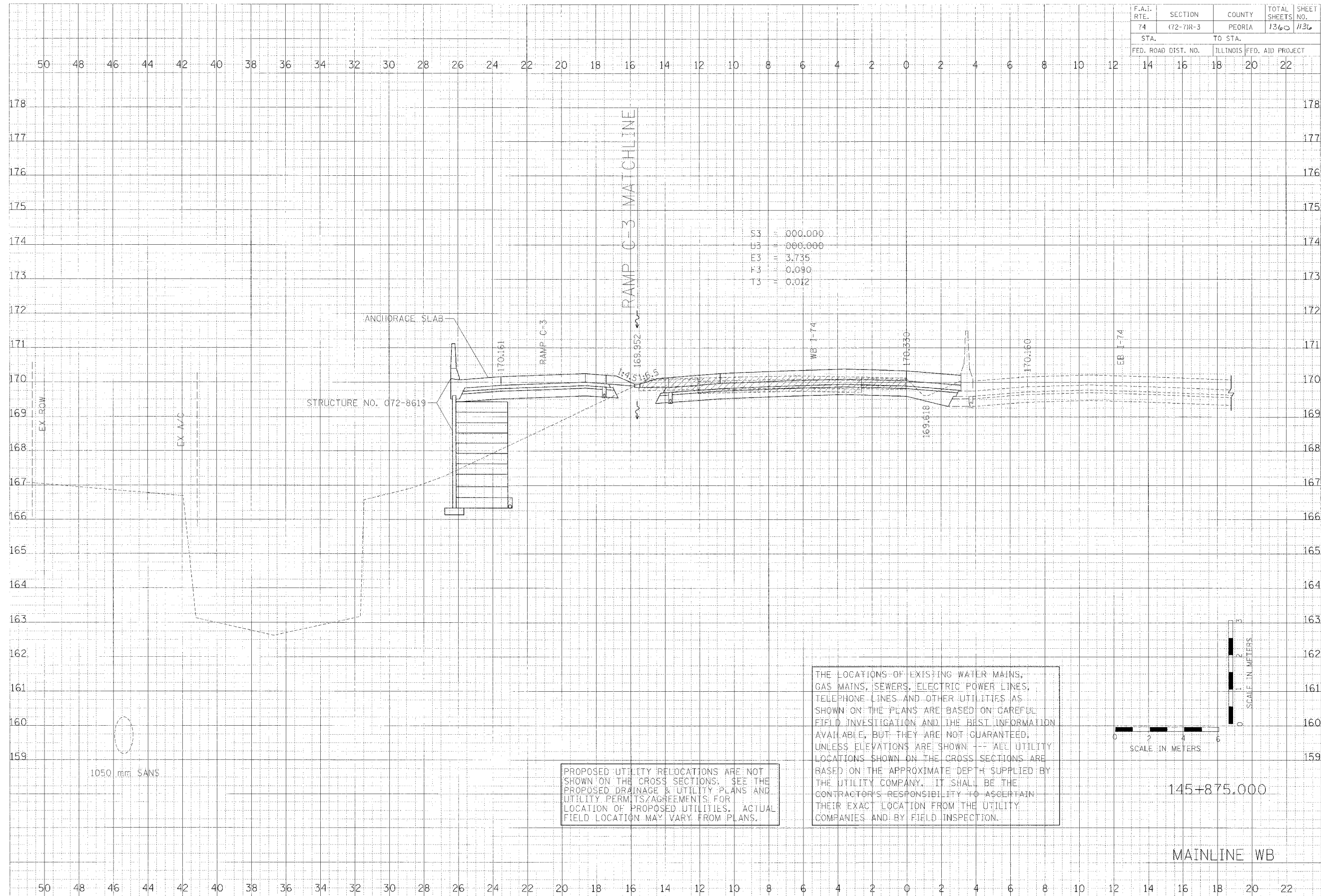
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145+850.000
 MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1360	1136
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



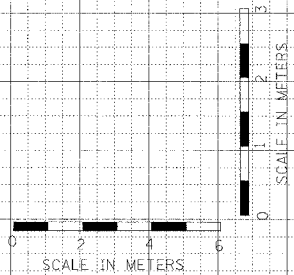
DATE
BY
CHECKED
DESIGNED
DRAWN
SCALE



DATE
BY
CHECKED
DESIGNED
DRAWN
SCALE

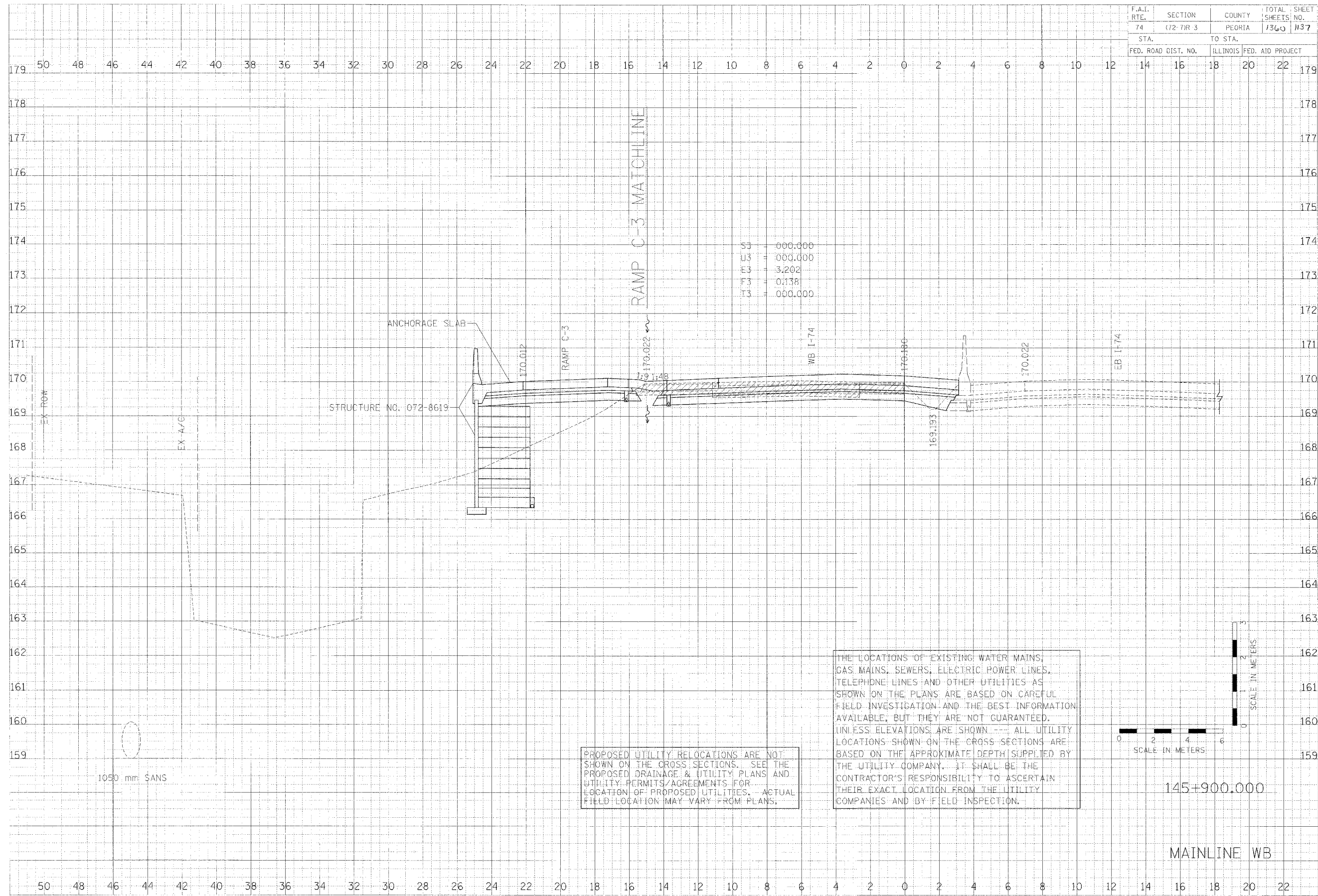
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145+875.000
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1137
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



SJ = 000.000
 L3 = 000.000
 F3 = 3.202
 F3 = 0.138
 T3 = 000.000

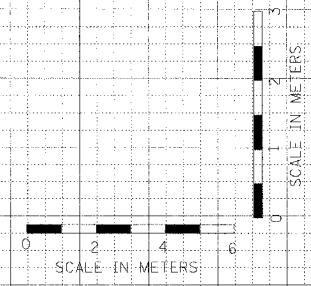
FINAL SURVEYED DATE
 SURVEYED BY
 CHECKED BY
 DATE
 BY
 CHECKED BY
 DATE
 BY
 CHECKED BY
 DATE



ORIGINAL SURVEYED DATE
 SURVEYED BY
 CHECKED BY
 DATE
 BY
 CHECKED BY
 DATE

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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145+900.000

MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	#38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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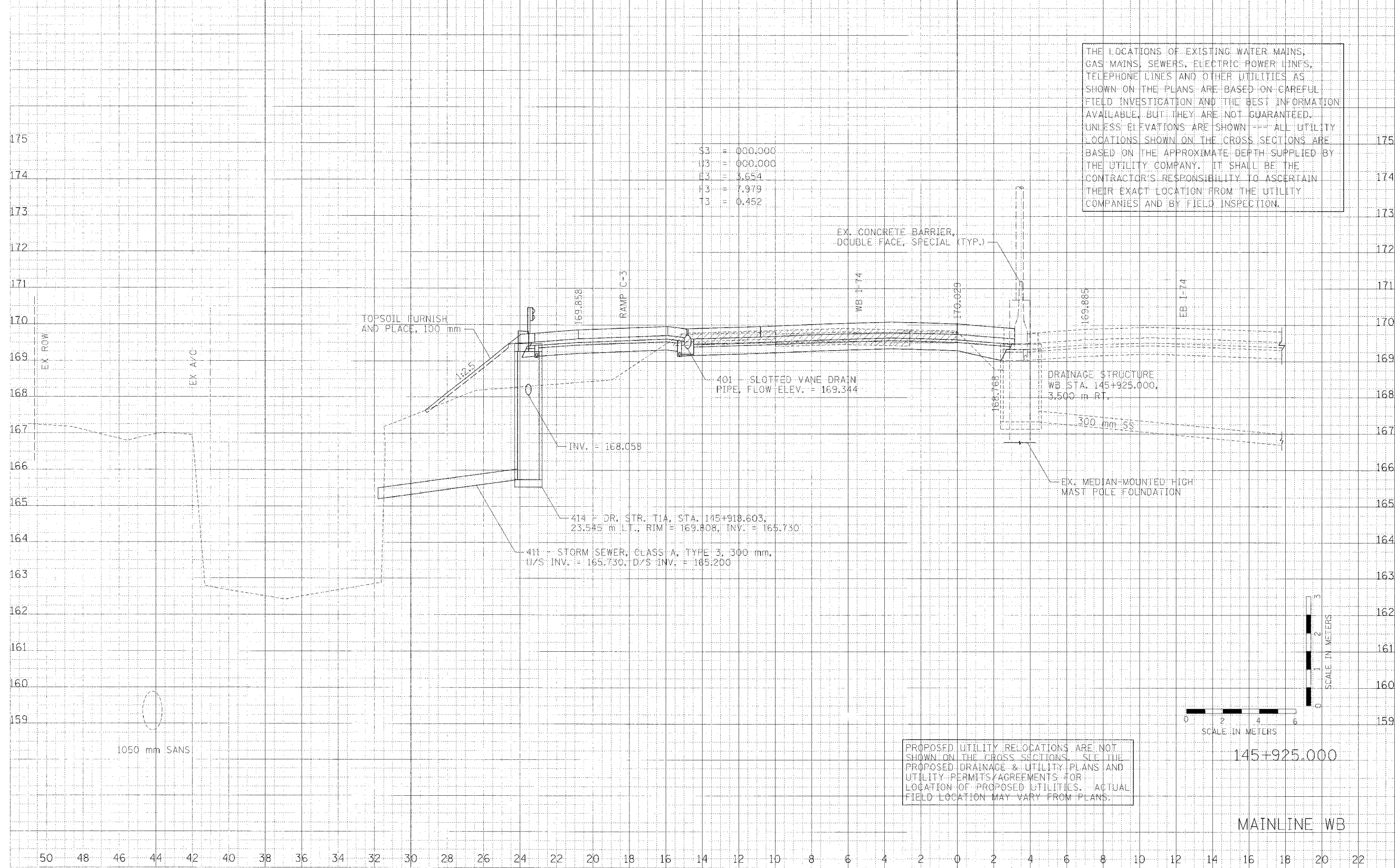
DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 TITLE: _____
 AREA: _____
 AREA CHECKED: _____

CLARK ENGINEERS, INC.

DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 TITLE: _____
 AREA: _____
 AREA CHECKED: _____

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

S3 = 000.000
 U3 = 000.000
 T3 = 3.654
 F3 = 7.979
 T3 = 0.452



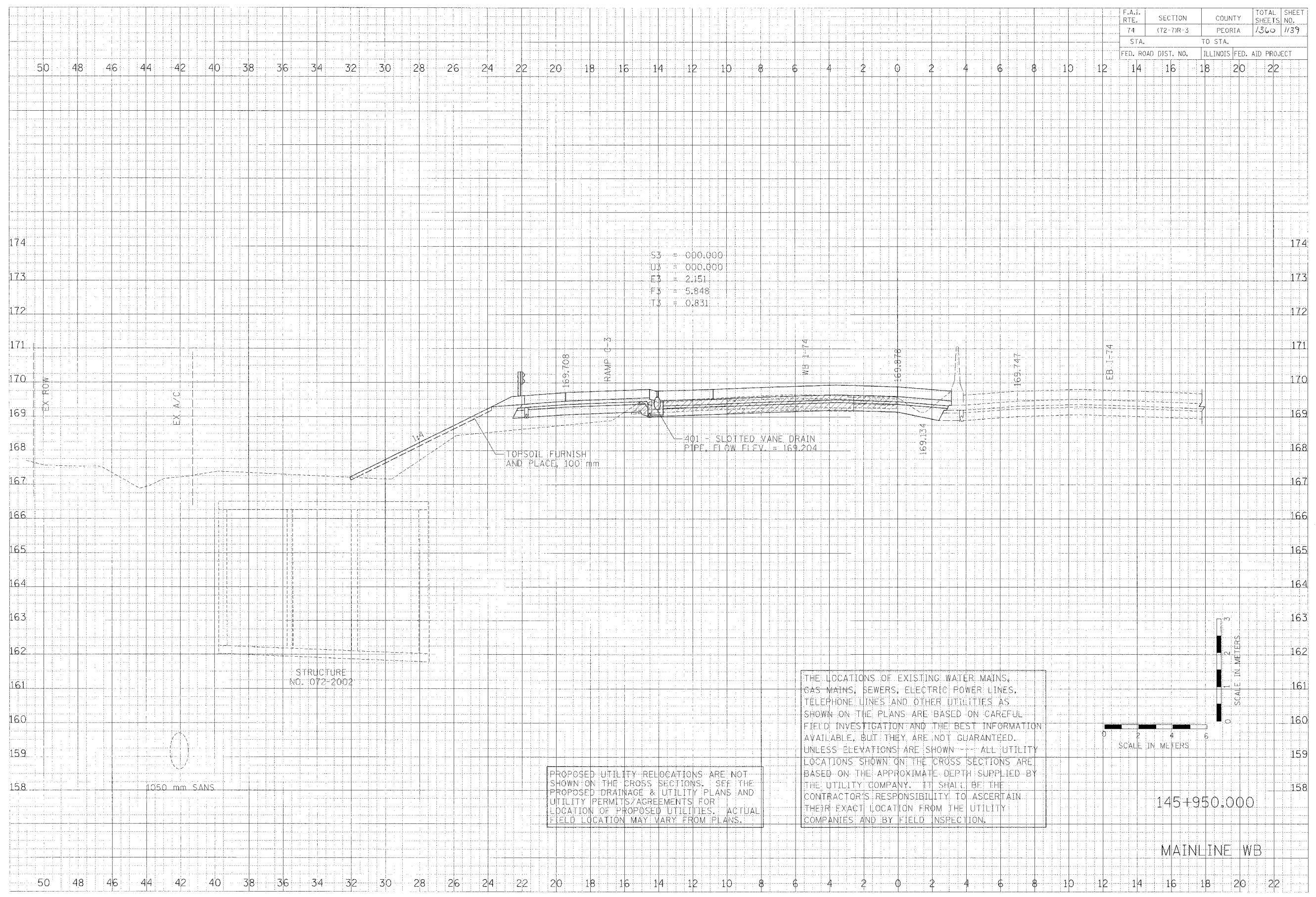
PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1139
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
NOTE BOOK	
APPROVED	



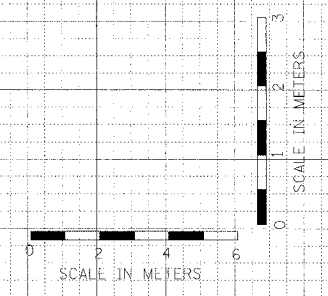
DESIGN SURVEY	DATE
NOTE BOOK	
APPROVED	



S3 = 000.000
 U3 = 000.000
 E3 = 2.151
 F3 = 5.848
 T3 = 0.831

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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145+950.000
 MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1190
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

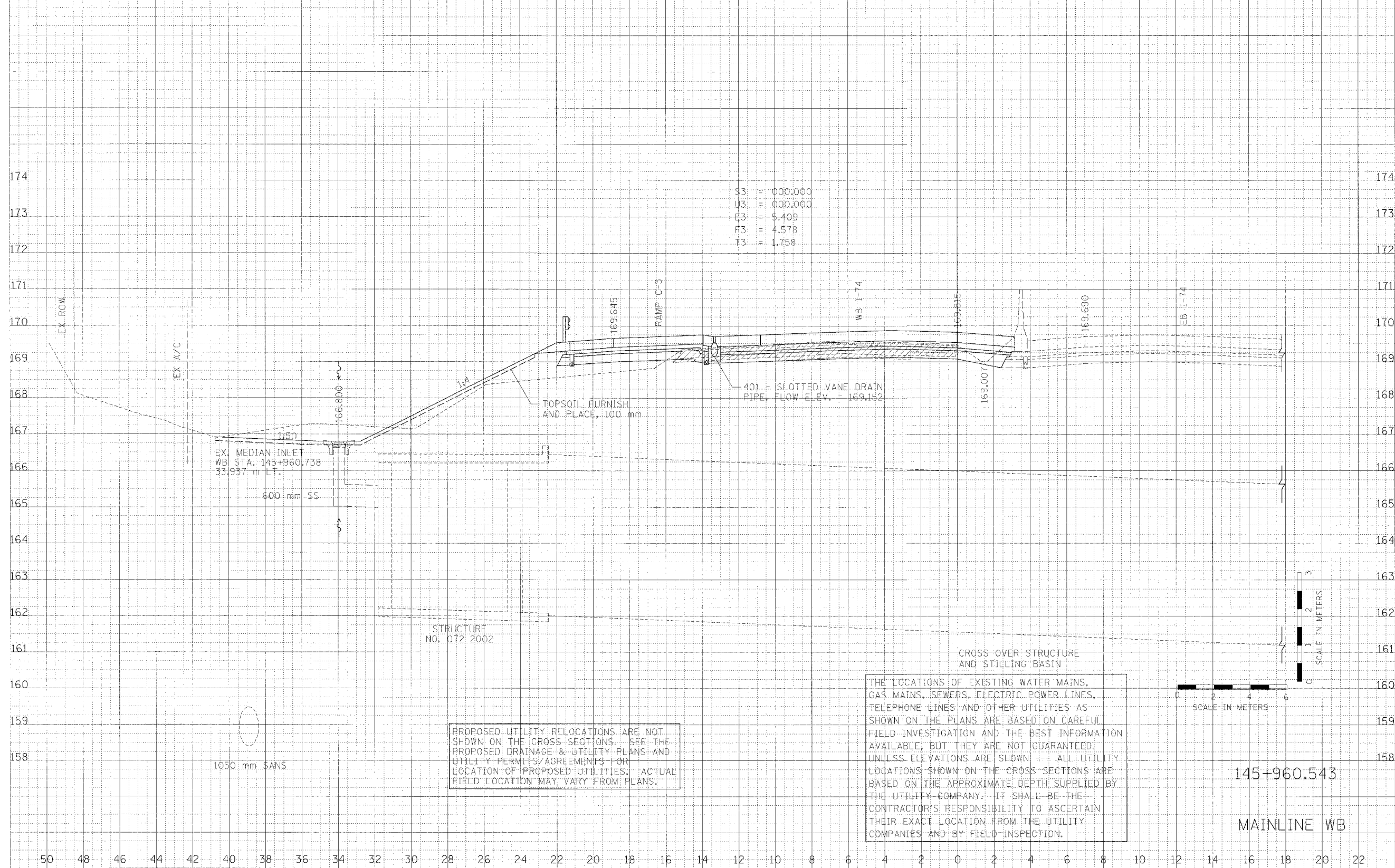
50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

DATE
BY
CHECKED
DATE
BY
CHECKED

CLARK ENGINEERS, INC.

DATE
BY
CHECKED
DATE
BY
CHECKED

S3 = 000.000
U3 = 000.000
E3 = 5.409
F3 = 4.578
T3 = 1.758



EX. MEDIAN INLET
WB STA. 145+960.738
33.937 m LT.

600 mm SS

1050 mm SANS

STRUCTURE
NO. 072 2002

TOPSOIL FURNISH
AND PLACE, 100 mm

401 - SLOTTED VANE DRAIN
PIPE, FLOW ELEV. = 169.152

CROSS OVER STRUCTURE
AND STILLING BASIN

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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SCALE IN METERS

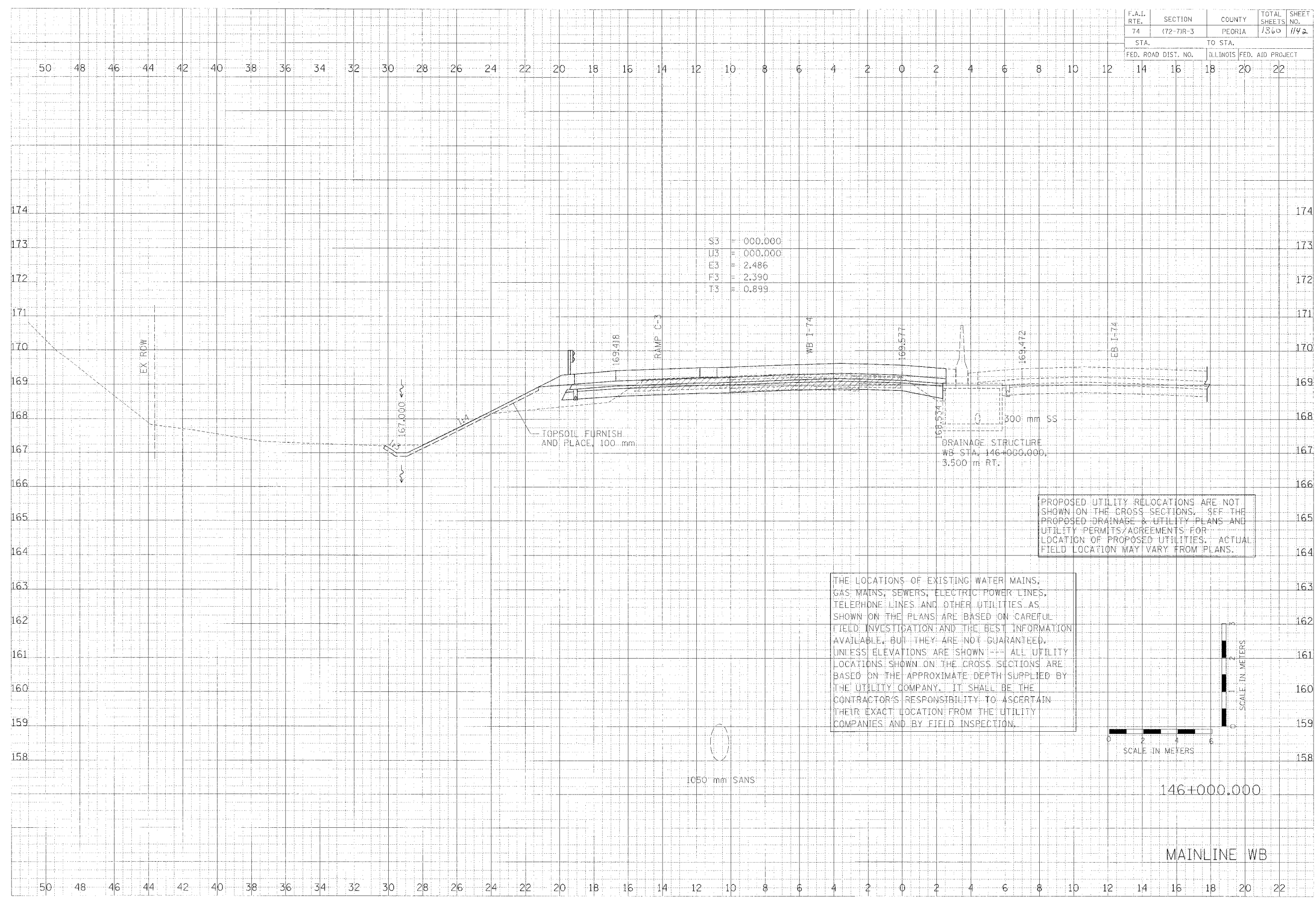
SCALE IN METERS

145+960.543

MAINLINE WB

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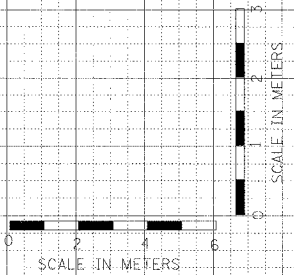
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1142
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



S3 = 000.000
 U3 = 000.000
 E3 = 2.486
 F3 = 2.390
 T3 = 0.899

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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THIS SURVEY WAS MADE BY THE SURVEYOR'S OFFICE OF CLARK ENGINEERS, INC. IN ACCORDANCE WITH THE SURVEYING ACT OF 1889 AND THE SURVEYING ACT OF 1901.

CLARK ENGINEERS, INC.

DATE: _____ BY: _____
 CHECKED: _____
 DRAWN: _____
 IN CHARGE: _____

1050 mm SANS

146+000.000

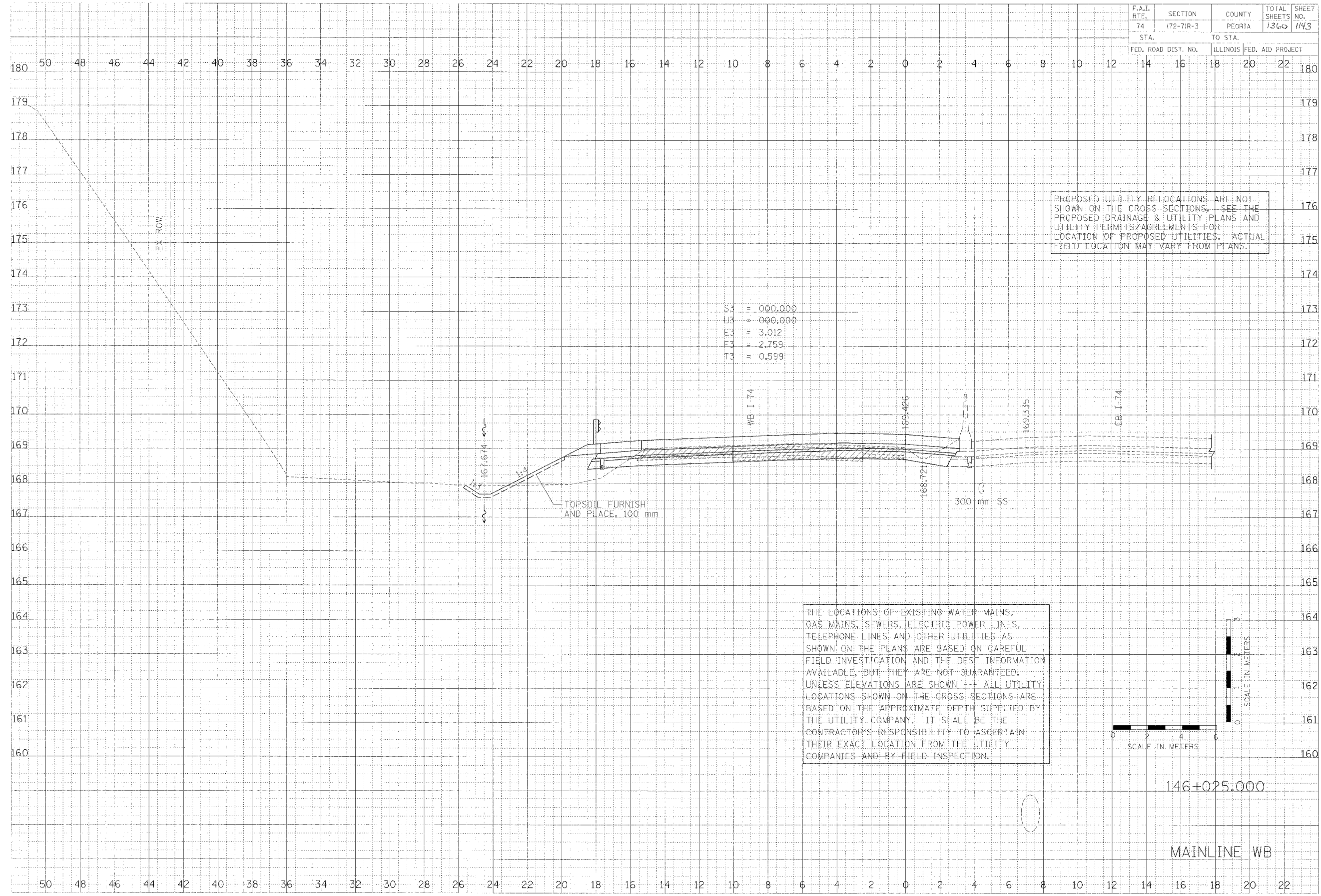
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	136	1143
STA. TO STA.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

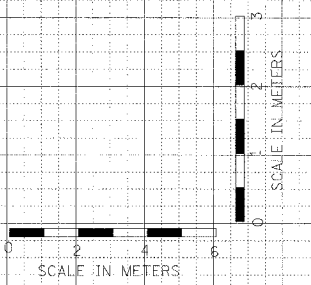
DATE	BY	CHKD
DATE	BY	CHKD
DATE	BY	CHKD

CLARK ENGINEERS, INC.

DATE	BY	CHKD
DATE	BY	CHKD
DATE	BY	CHKD



S3 = 000.000
 U3 = 000.000
 E3 = 3.012
 F3 = 2.759
 T3 = 0.599



146+025.000
 MAINLINE WB

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1366	1144
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

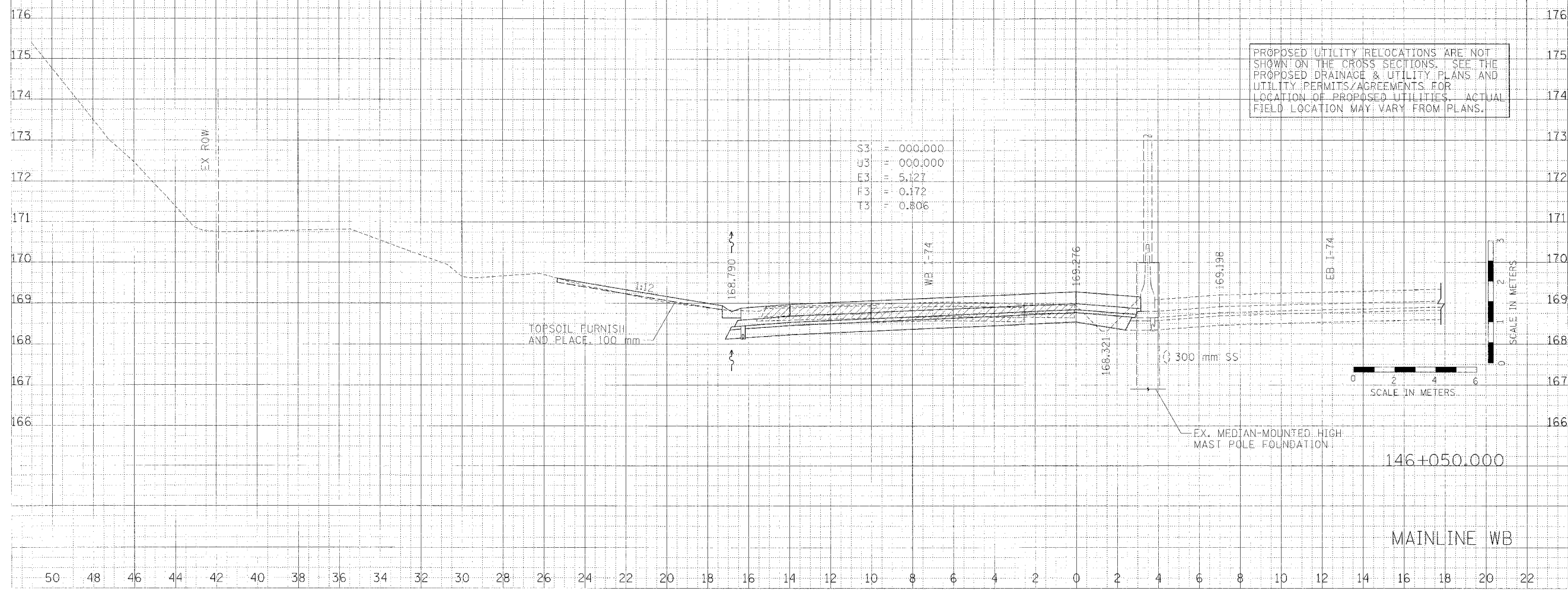
DATE	BY

CLARK ENGINEERS, INC.

DATE	BY

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

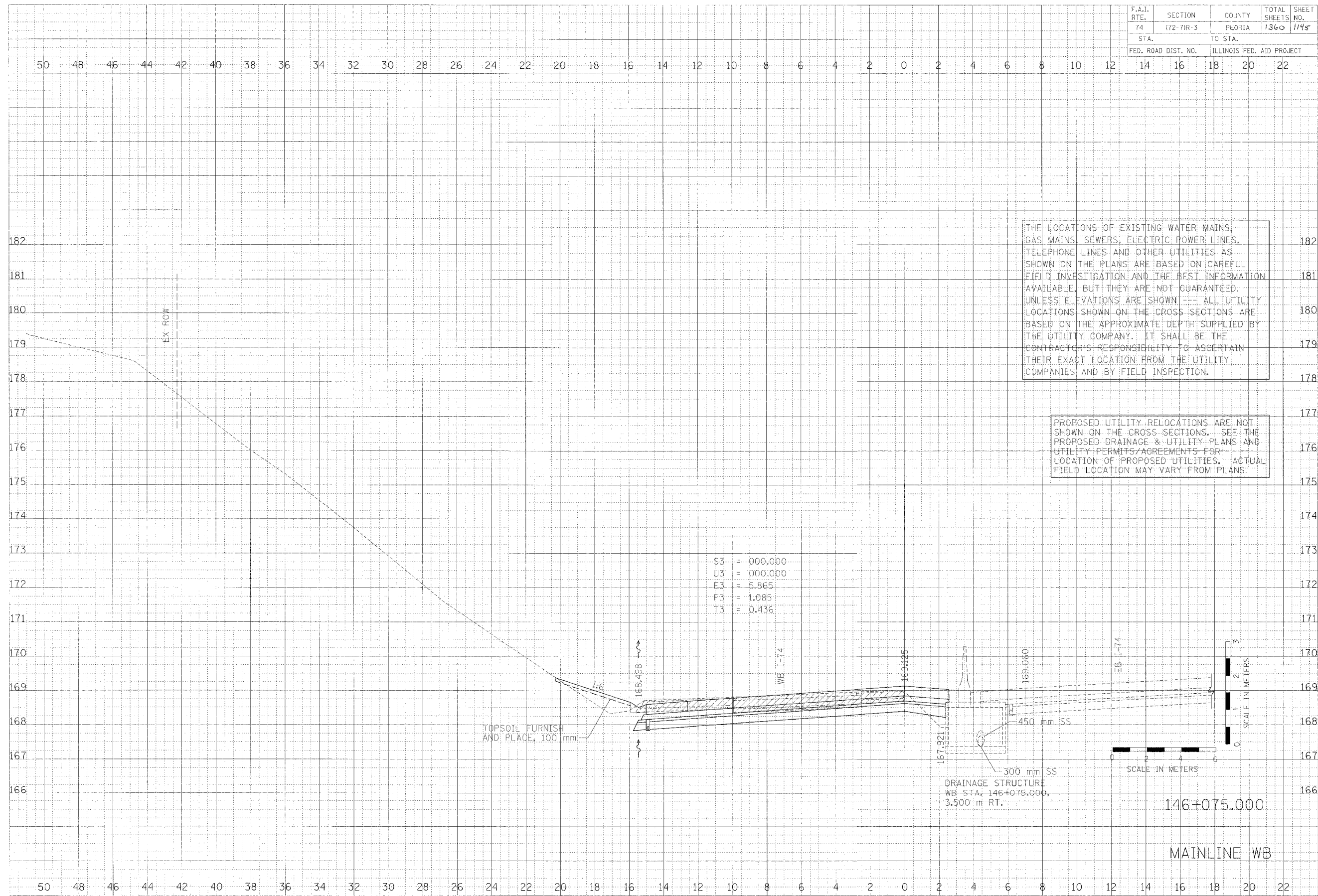


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1145
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINISH SURVEY
 SURVEYED BY
 DATE
 CHECKED BY
 DATE
 NOTE CHECK
 DATE


 CLARK ENGINEERS, INC.

DESIGN SURVEYED BY
 SURVEYED BY
 DATE
 CHECKED BY
 DATE
 NOTE CHECK
 DATE



THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

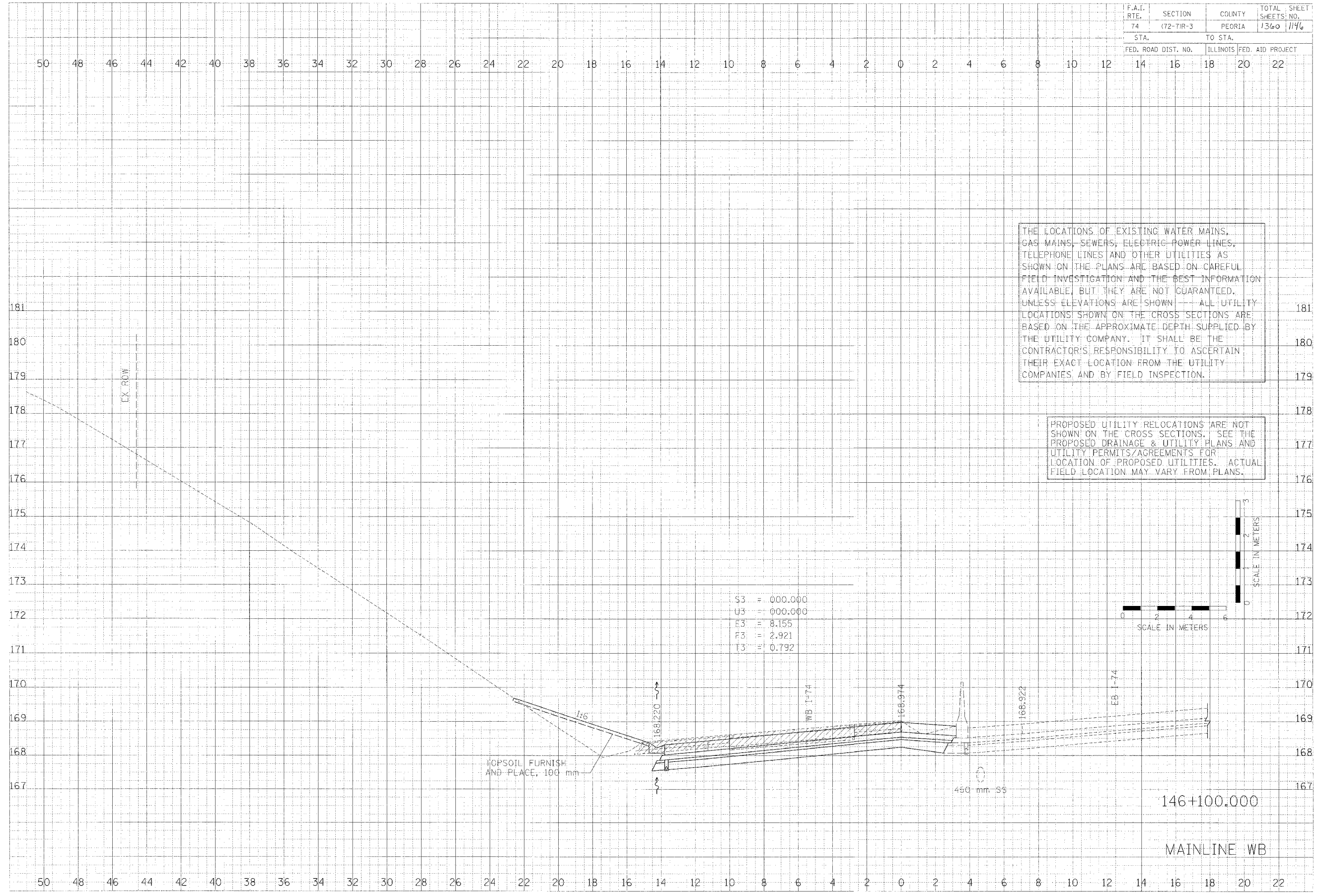
PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1146
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

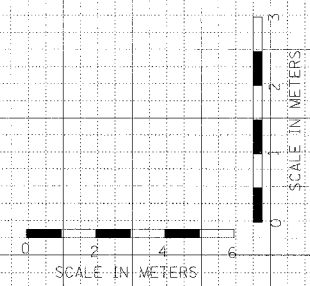
BY _____ DATE _____
 CLARK ENGINEERS, INC.
 1100 N. HIGHWAY 100, PEORIA, ILL. 61604
 PHONE (314) 233-1100
 FAX (314) 233-1101

CLARK ENGINEERS, INC.

BY _____ DATE _____
 CLARK ENGINEERS, INC.
 1100 N. HIGHWAY 100, PEORIA, ILL. 61604
 PHONE (314) 233-1100
 FAX (314) 233-1101

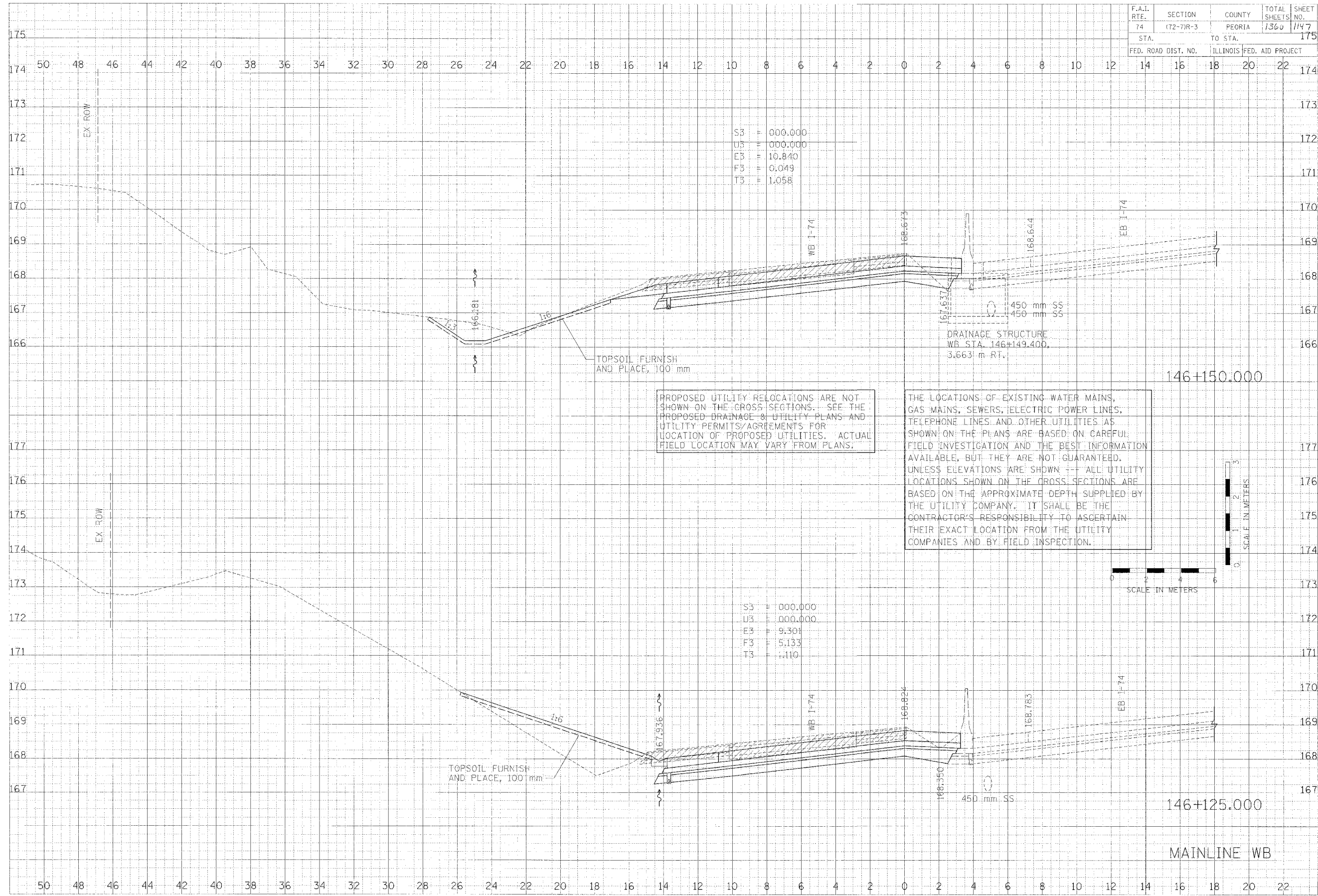


S3 = 000.000
 U3 = 000.000
 E3 = 8.155
 F3 = 2.921
 T3 = 0.792



146+100.000
 MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1147
STA.	TO STA.			
	175			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

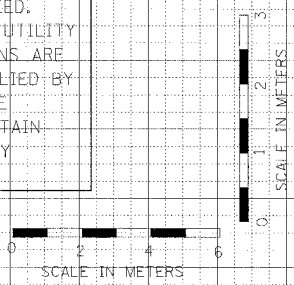


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 E3 = 10.840
 F3 = 0.049
 T3 = 1.058

S3 = 000.000
 U3 = 000.000
 E3 = 9.301
 F3 = 5.133
 T3 = .110

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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FINN
 SURVEY
 DATE
 AREA
 CHECKED

CLARK ENGINEERS, INC.

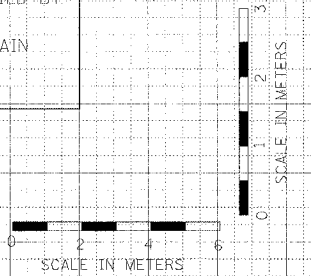
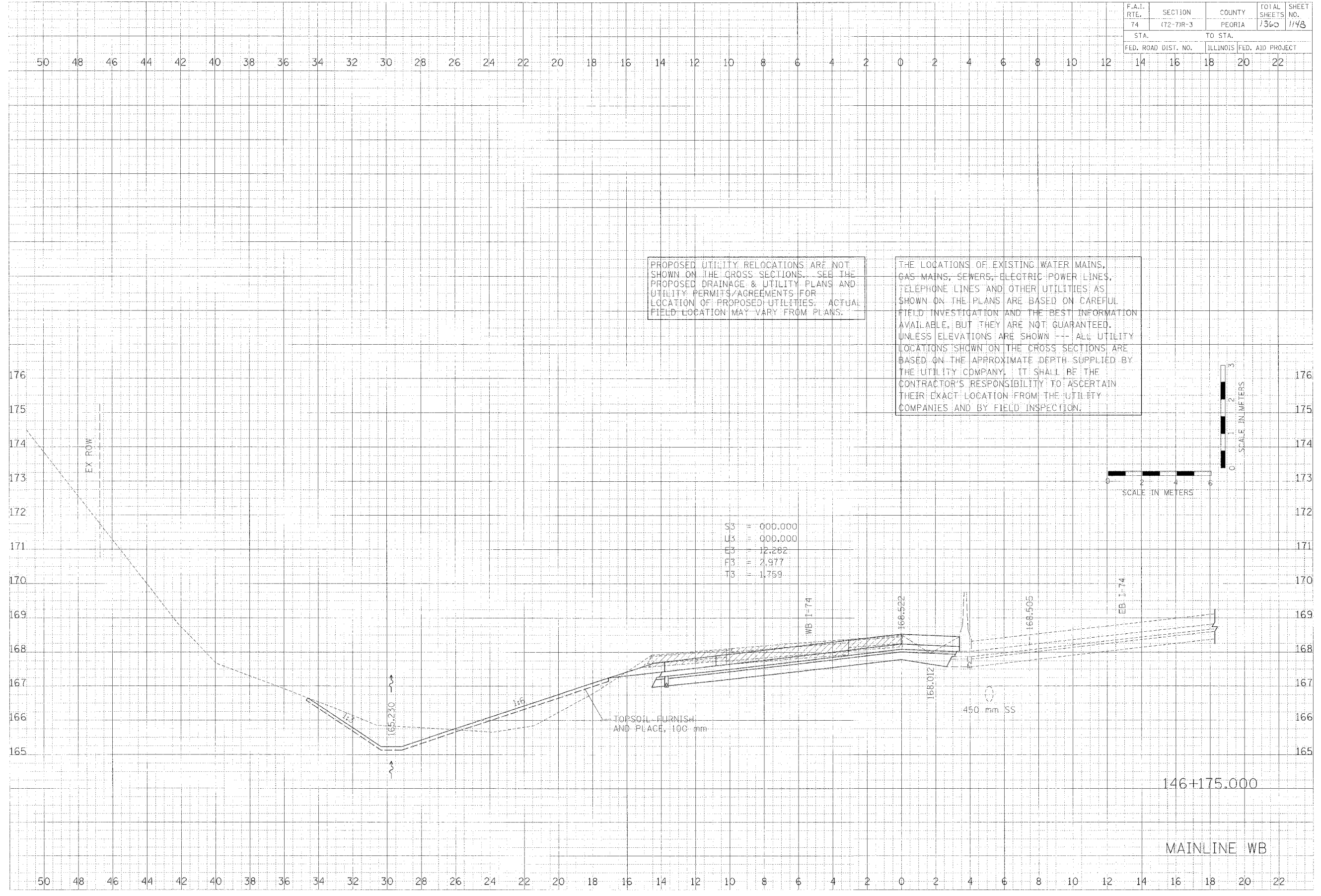
DATE
 AREA
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1148
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
14	16	18	20	22

DATE	BY



DATE	BY



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1149
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

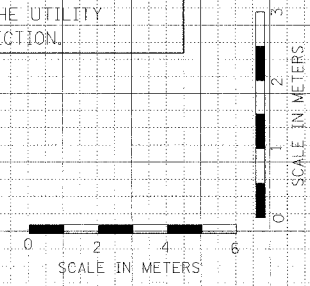
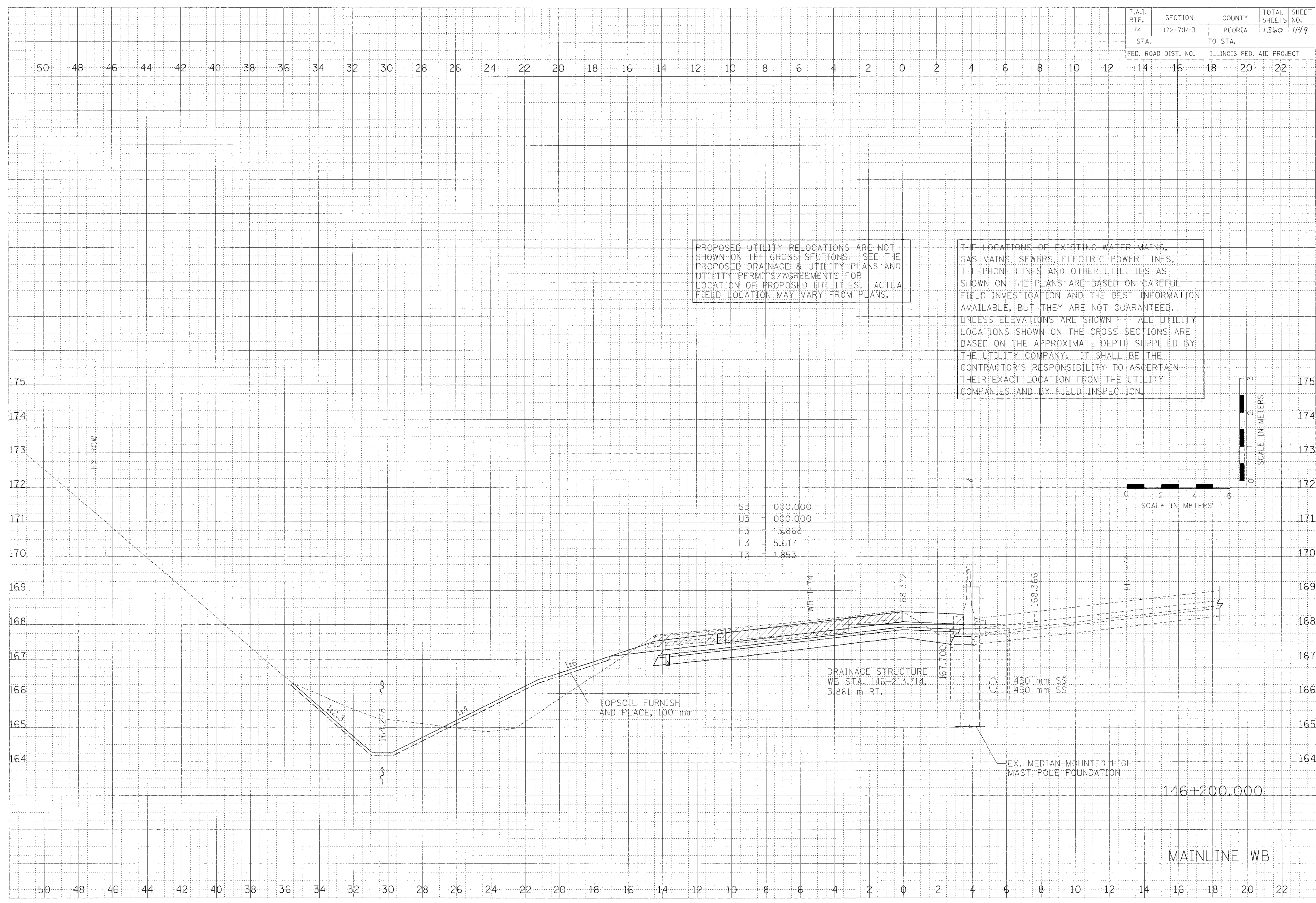
DRAWN BY: []
 CHECKED BY: []
 DATE: []
 TITLE: []
 PROJECT: []
 SHEET NO.: []

CLARK ENGINEERS, INC.
 1000 []
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DRAWN BY: []
 CHECKED BY: []
 DATE: []
 TITLE: []
 PROJECT: []
 SHEET NO.: []

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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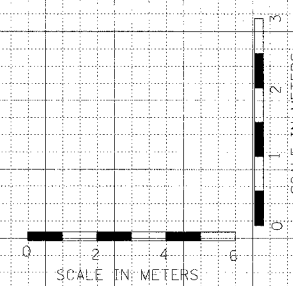


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS, NO.
74	172-71R-3	PEORIA	1360 / 1150
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

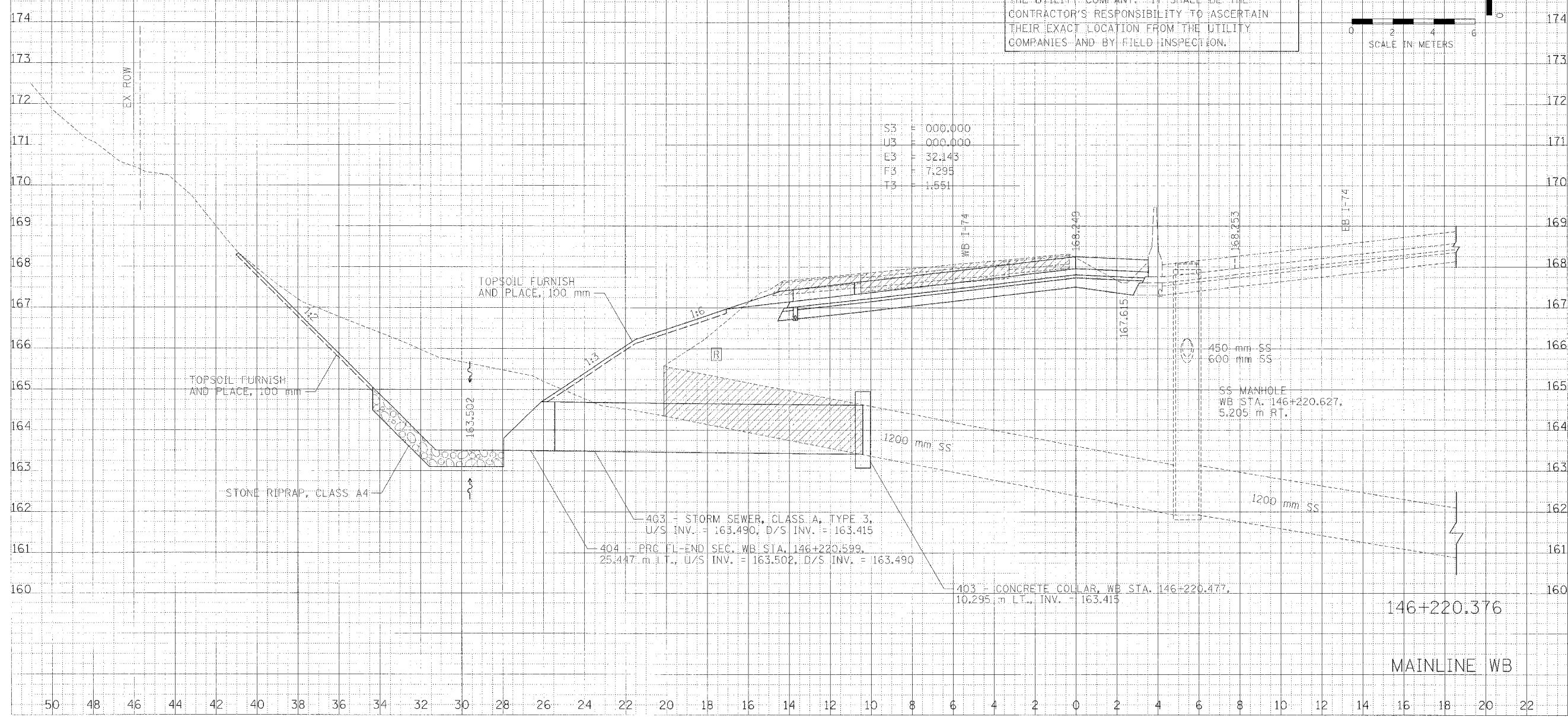
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN. ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



DATE	BY	CHK'D	DATE
NOTE BOOK	DATE	BY	CHK'D



DATE	BY	CHK'D	DATE
NOTE BOOK	DATE	BY	CHK'D

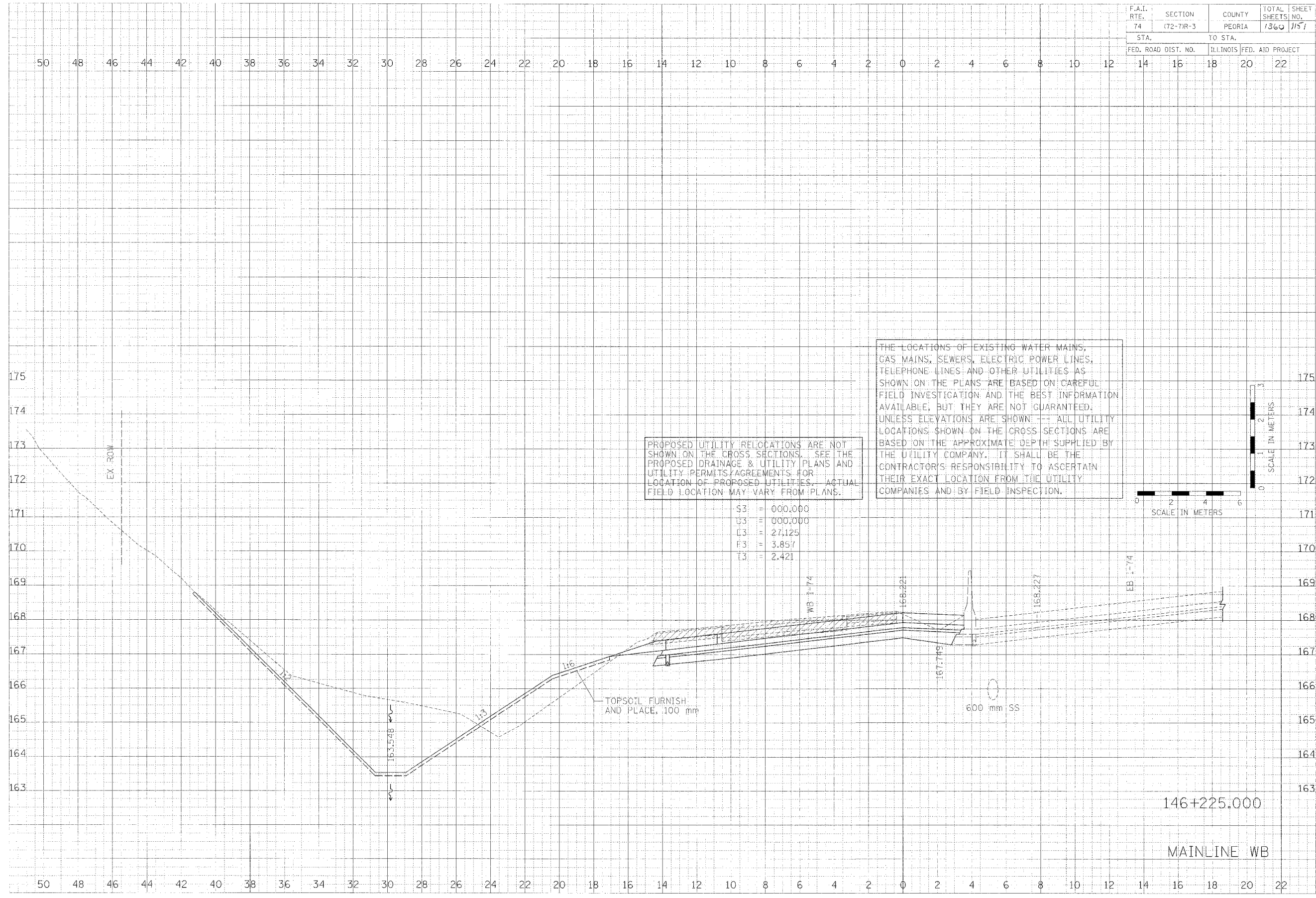


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1157
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY DATE: 5/11/14
 SURVEYED BY: [Signature]
 CHECKED BY: [Signature]
 DATE: [Blank]
 SURVEYED BY: [Signature]
 CHECKED BY: [Signature]
 DATE: [Blank]



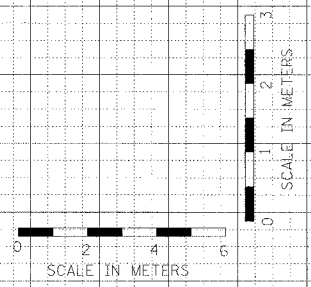
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 CHECKED BY: [Signature]
 DATE: [Blank]



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

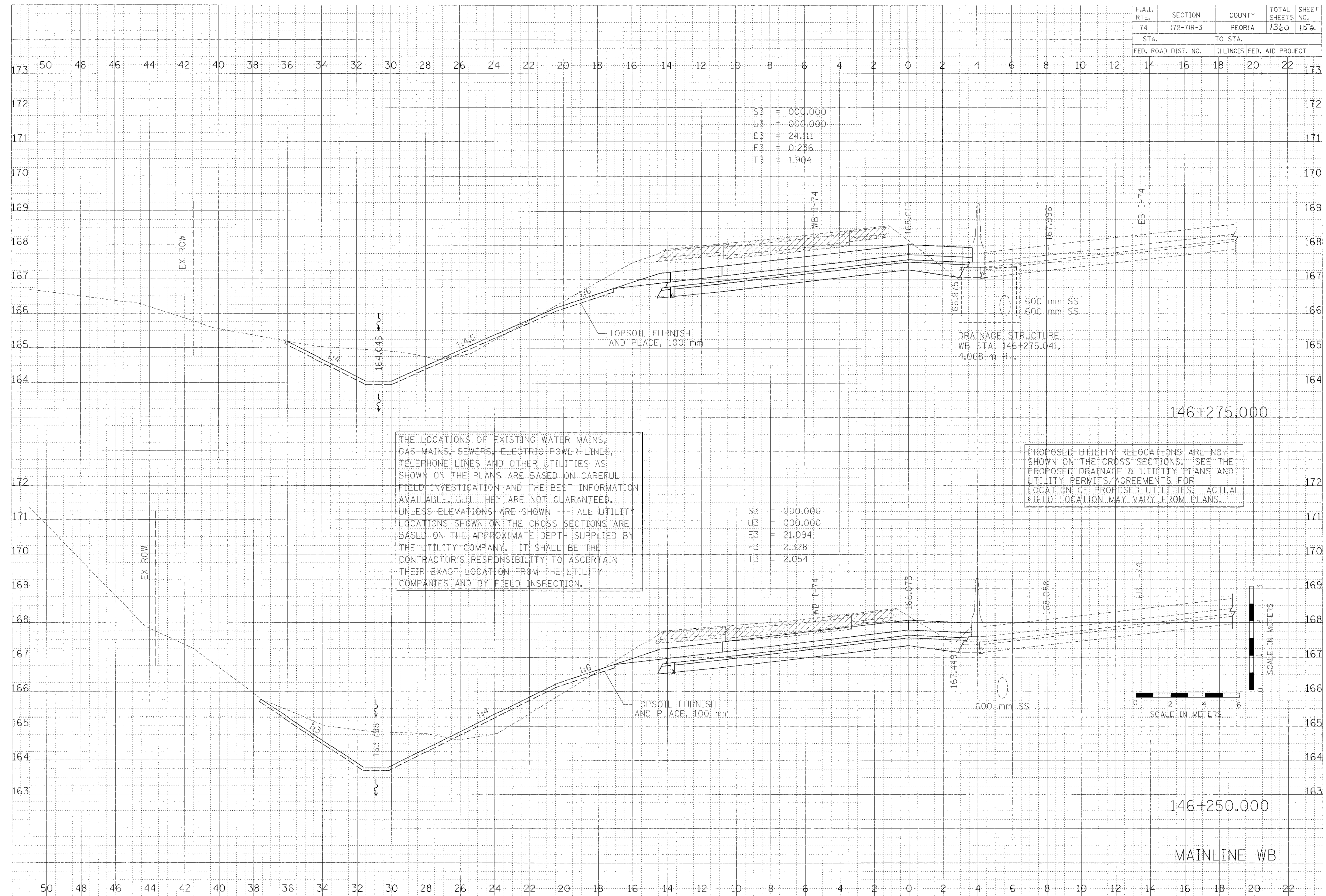
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- U3 = 000.000
- E3 = 27.125
- T3 = 3.857
- T3 = 2.421

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



146+225.000
 MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1152
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



S3 = 000.000
 U3 = 000.000
 E3 = 24.111
 F3 = 0.236
 T3 = 1.904

S3 = 000.000
 U3 = 000.000
 E3 = 21.094
 F3 = 2.328
 T3 = 2.054

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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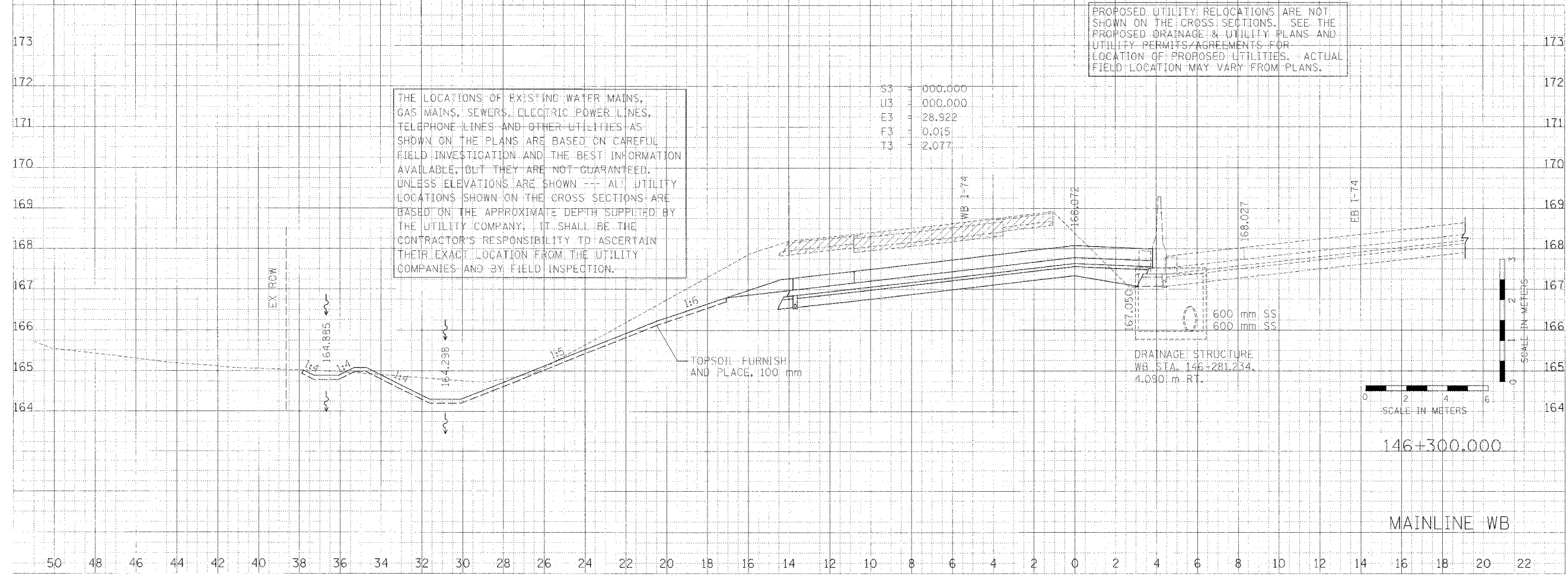
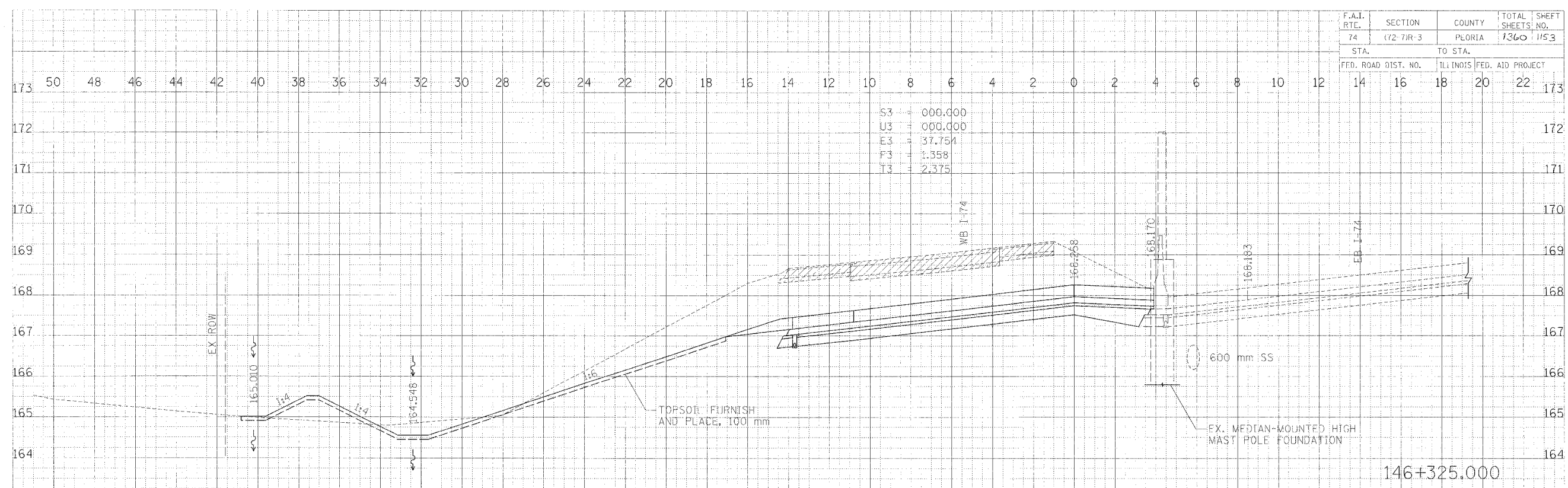
DATE: _____ BY: _____
 CHECKED: _____
 SURVEYED: _____
 PLOTTED: _____
 DATE: _____
 NO. _____

DATE: _____ BY: _____
 CHECKED: _____
 SURVEYED: _____
 PLOTTED: _____
 DATE: _____
 NO. _____

CLARK ENGINEERS, INC.

MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
74	(12-7)R-3	PLORIA	1360-1153
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



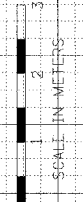
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THIS SHEET IS A PART OF THE PROJECT AND SHALL BE KEPT WITH THE PROJECT RECORDS.

CLARK ENGINEERS, INC.

DRAWN BY: [Name] DATE: [Date]
 CHECKED BY: [Name] DATE: [Date]
 PLANNED BY: [Name] DATE: [Date]
 AREA: [Area]

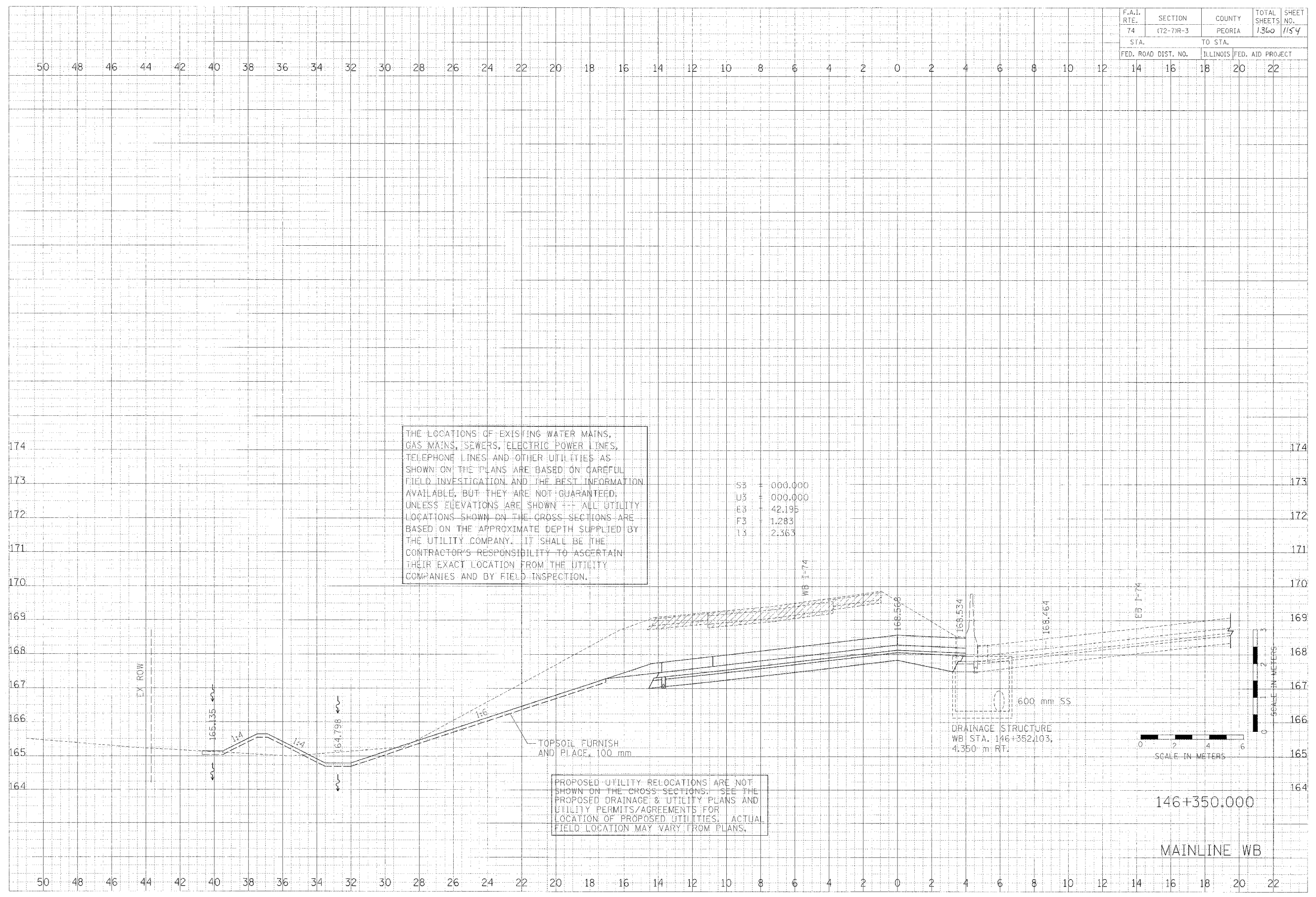


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1154
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	CHK'D



DATE	BY	CHK'D



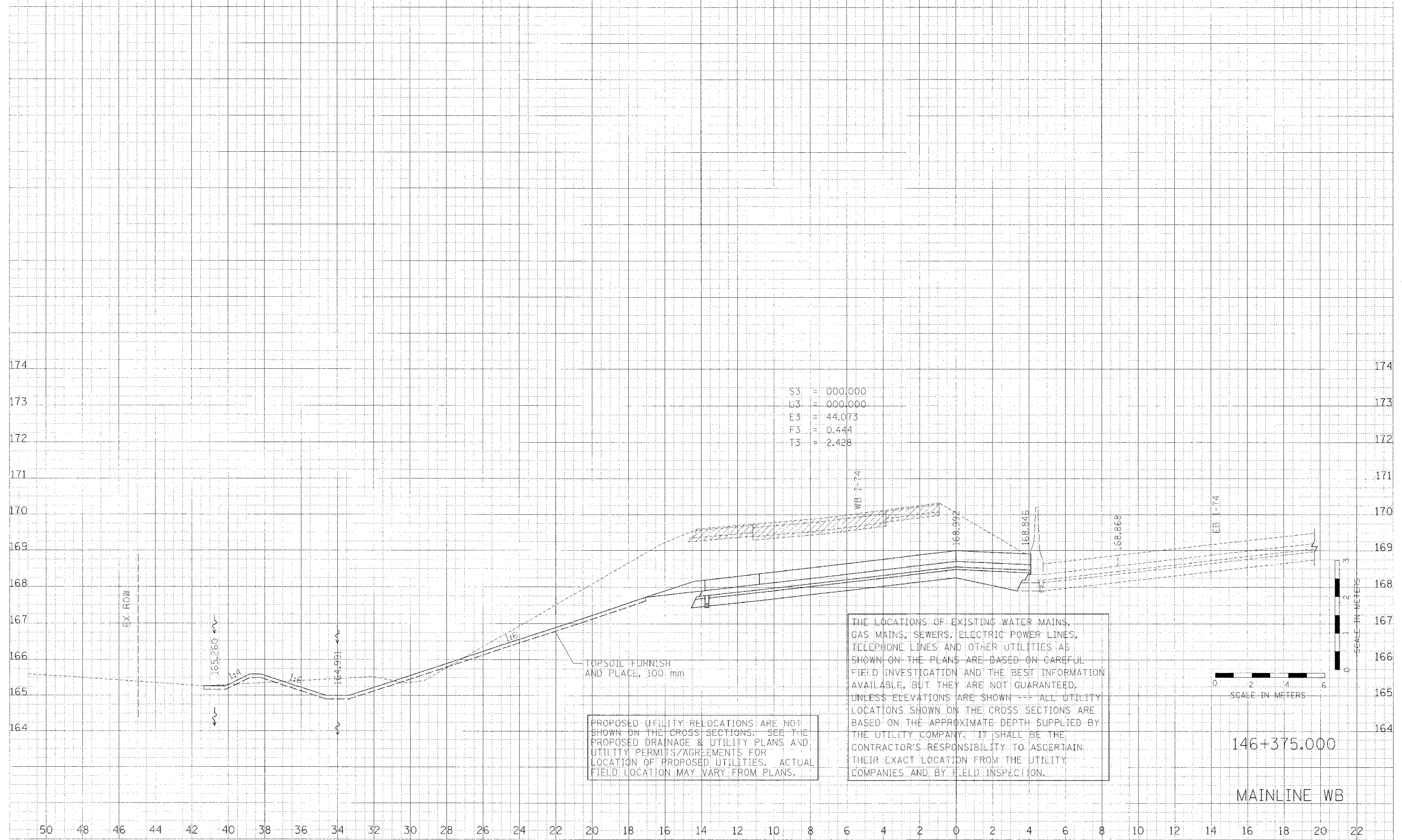
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS, NO.
74	(72-71R-3)	PEORIA	1360 / 1155
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

50 48 46 44 42 40 38 36 34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22

DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 F.V. DURFEE
 SURVEYOR
 NOTE BOOK: _____
 AREA'S: _____
 ACROSS SECTION: _____



DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 F.V. DURFEE
 SURVEYOR
 NOTE BOOK: _____
 AREA'S: _____
 ACROSS SECTION: _____



S3 = 000.000
 U3 = 000.000
 E3 = 44.073
 F3 = 0.444
 T3 = 2.428

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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146+375.000

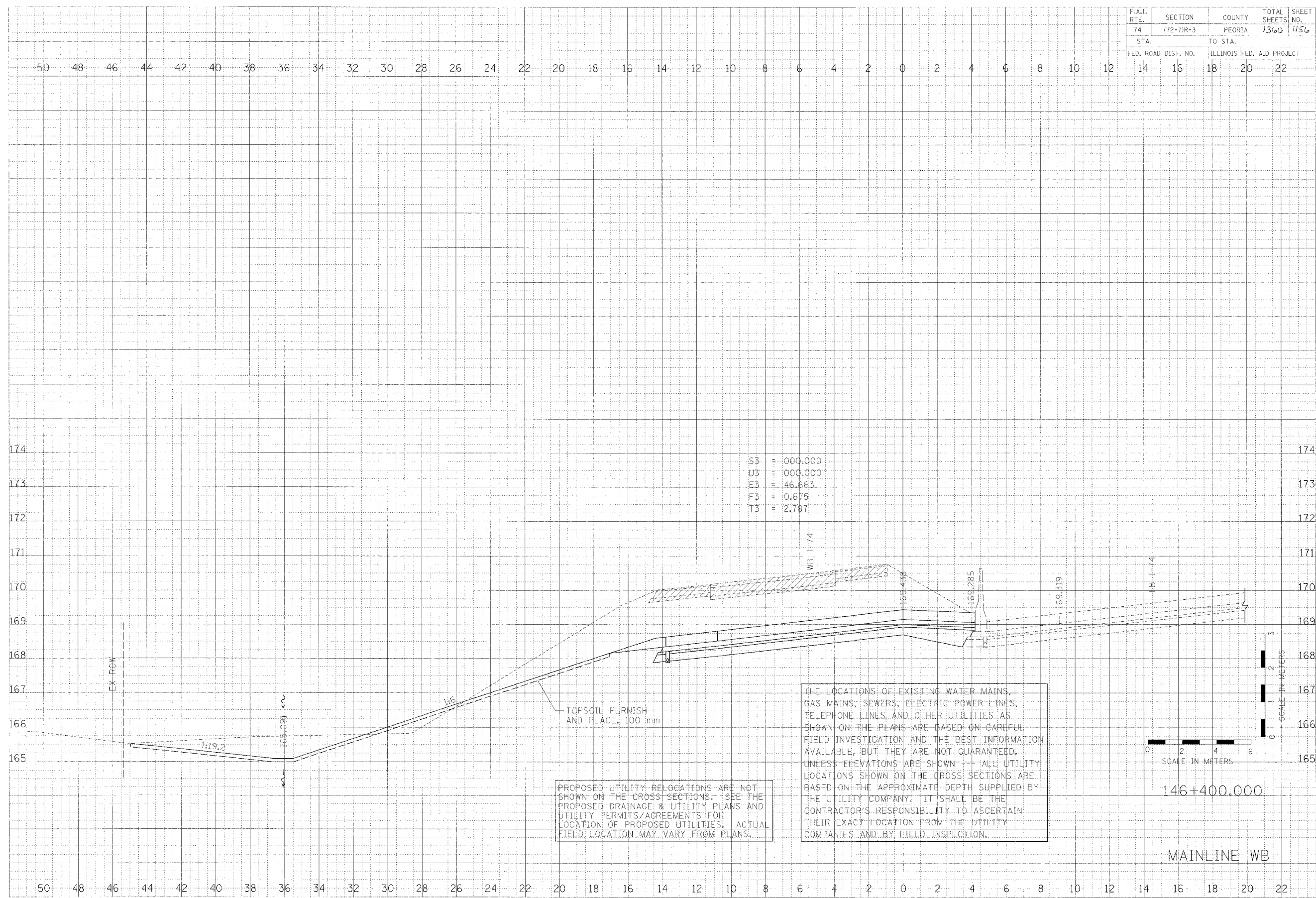
MAINLINE WB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(12-7)R-3	PEORIA	1360	1156
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NOTE BOOK
 DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____

CLARK ENGINEERS, INC.

PROJ. NO. _____
 SURVEY _____
 DATE _____
 BY _____
 CHECKED _____
 DATE _____



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

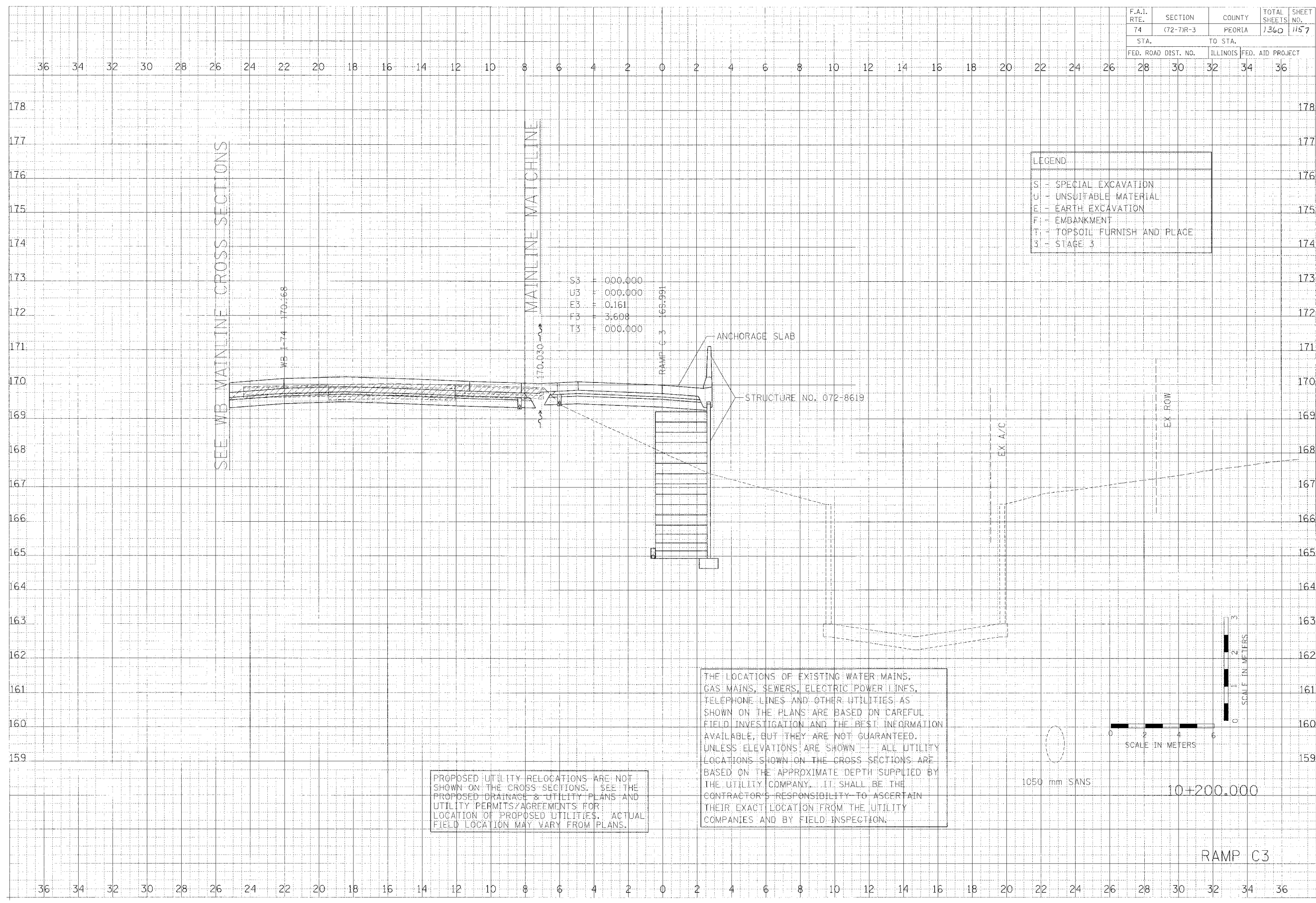
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-7R-3	PEORIA	1360	1157
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
28	30	32	34	36

FINAL SURVEY	DATE
ACTIVE BOOK	BY
AREA	
REVISIONS	

CLARK ENGINEERS, INC.

DESIGN	DATE
BY	
NOTE BOOK	
AREA	
REVISIONS	



S3	000.000
U3	000.000
E3	0.161
F3	3.608
T3	000.000

LEGEND:

- S - SPECIAL EXCAVATION
- U - UNSUITABLE MATERIAL
- E - EARTH EXCAVATION
- F - EMBANKMENT
- T - TOPSOIL FURNISH AND PLACE
- 3 - STAGE 3

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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SCALE IN METERS

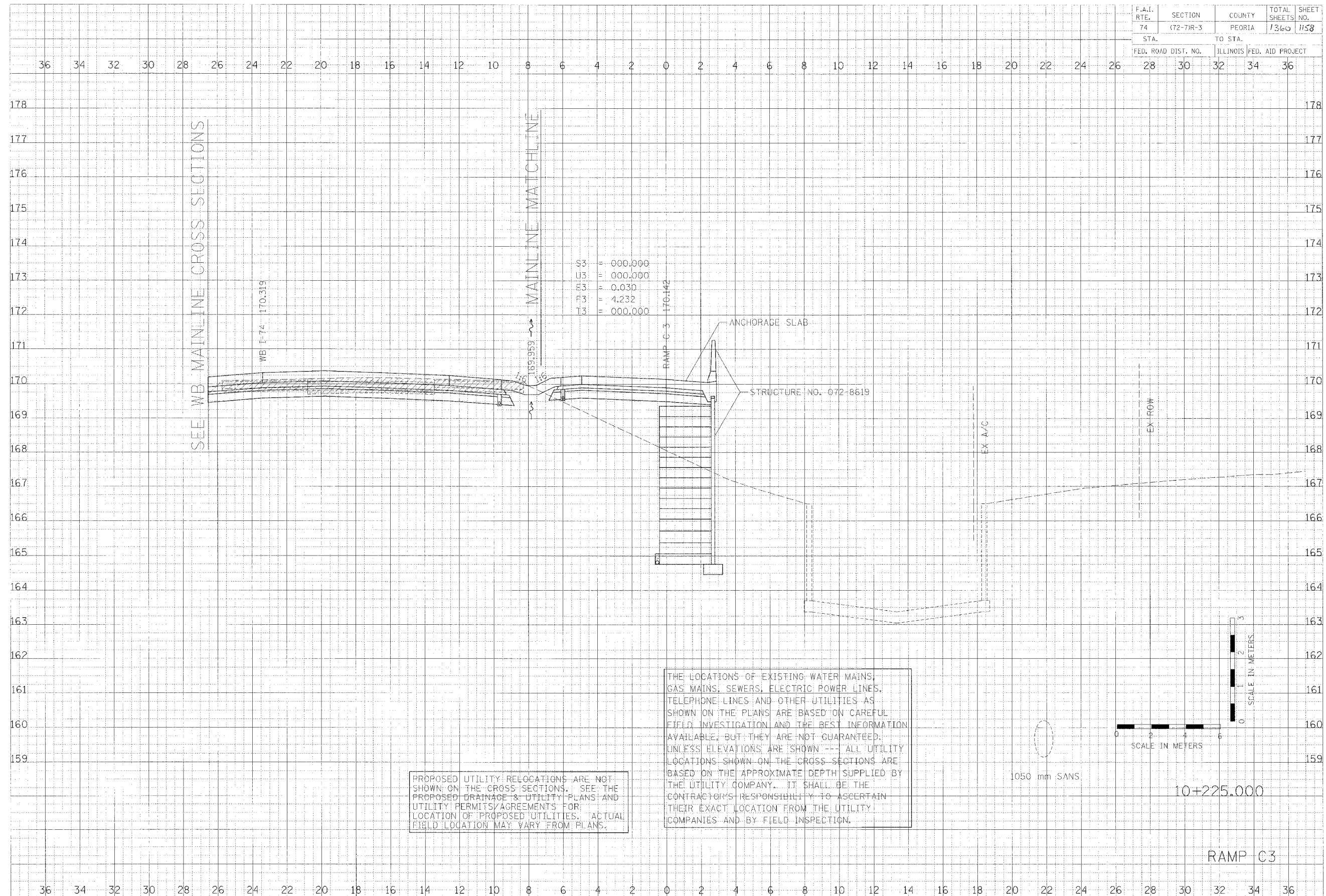
SCALE IN METERS

1050 mm SANS

10+200.000

RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1158
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FINAL SURVEY NOTE BOOK

CLARK ENGINEERS, INC.

DATE

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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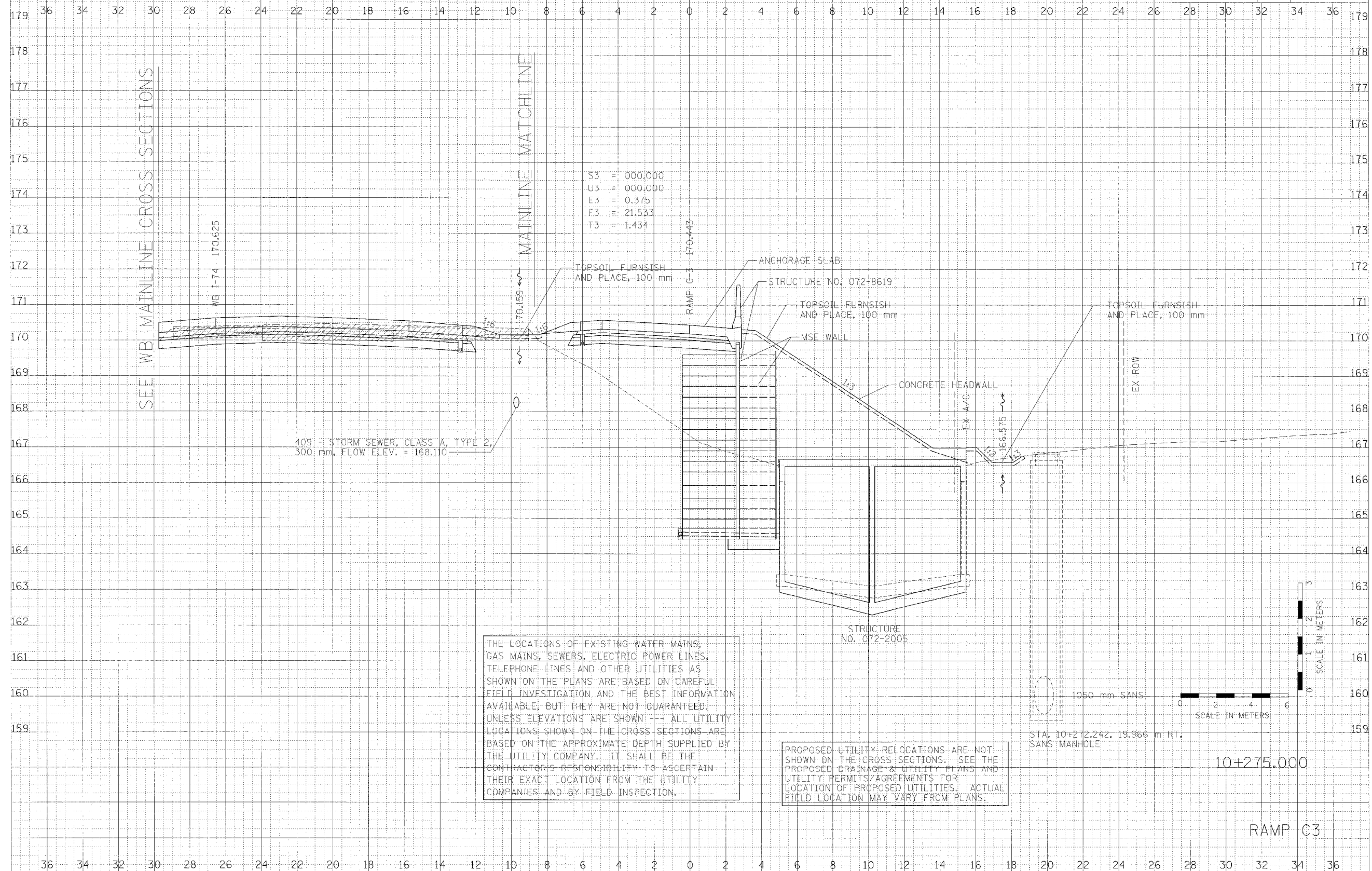
SCALE IN METERS

SCALE IN METERS

10+225.000

RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
74	172-71R-3	PEORIA	1360	1165
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



S3 = 000.000
 U3 = 000.000
 E3 = 0.375
 F3 = 21.533
 T3 = 1.434

409 - STORM SEWER, CLASS A, TYPE 2,
 300 mm, FLOW EX. EV. = 168.110

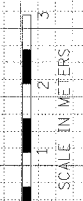
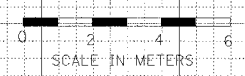
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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STA. 10+272.242, 19.966 m RT.
 SANS MANHOLE

10+275.000

RAMP C3

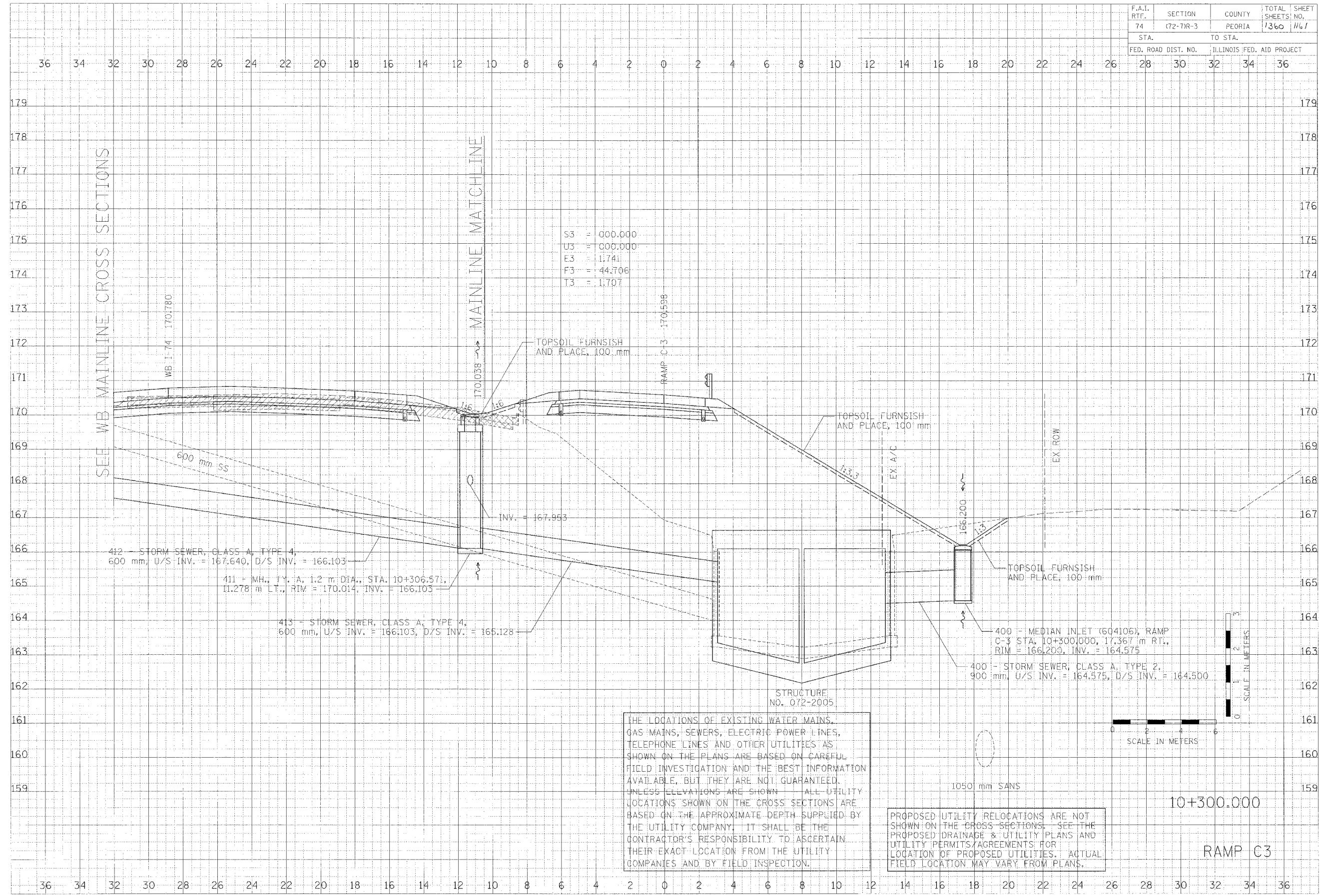


DATE: _____ BY: _____
 SURVEYED: _____
 CHECKED: _____
 NOTE BOOK: _____
 AREA CHECKED: _____

DATE: _____ BY: _____
 SURVEYED: _____
 CHECKED: _____
 NOTE BOOK: _____
 AREA CHECKED: _____

CLARK ENGINEERS, INC.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-7R-3	PEORIA	1360	1161
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
28	30	32	34	36



S3 = 000.000
 U3 = 000.000
 E3 = 1:1.741
 F3 = 44.706
 T3 = 1:1.707

SEE WB MAINLINE CROSS SECTIONS

MAINLINE MATCHLINE

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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DATE	BY
DATE	BY
DATE	BY

CLARK ENGINEERS, INC.

DATE	BY
DATE	BY
DATE	BY

10+300.000

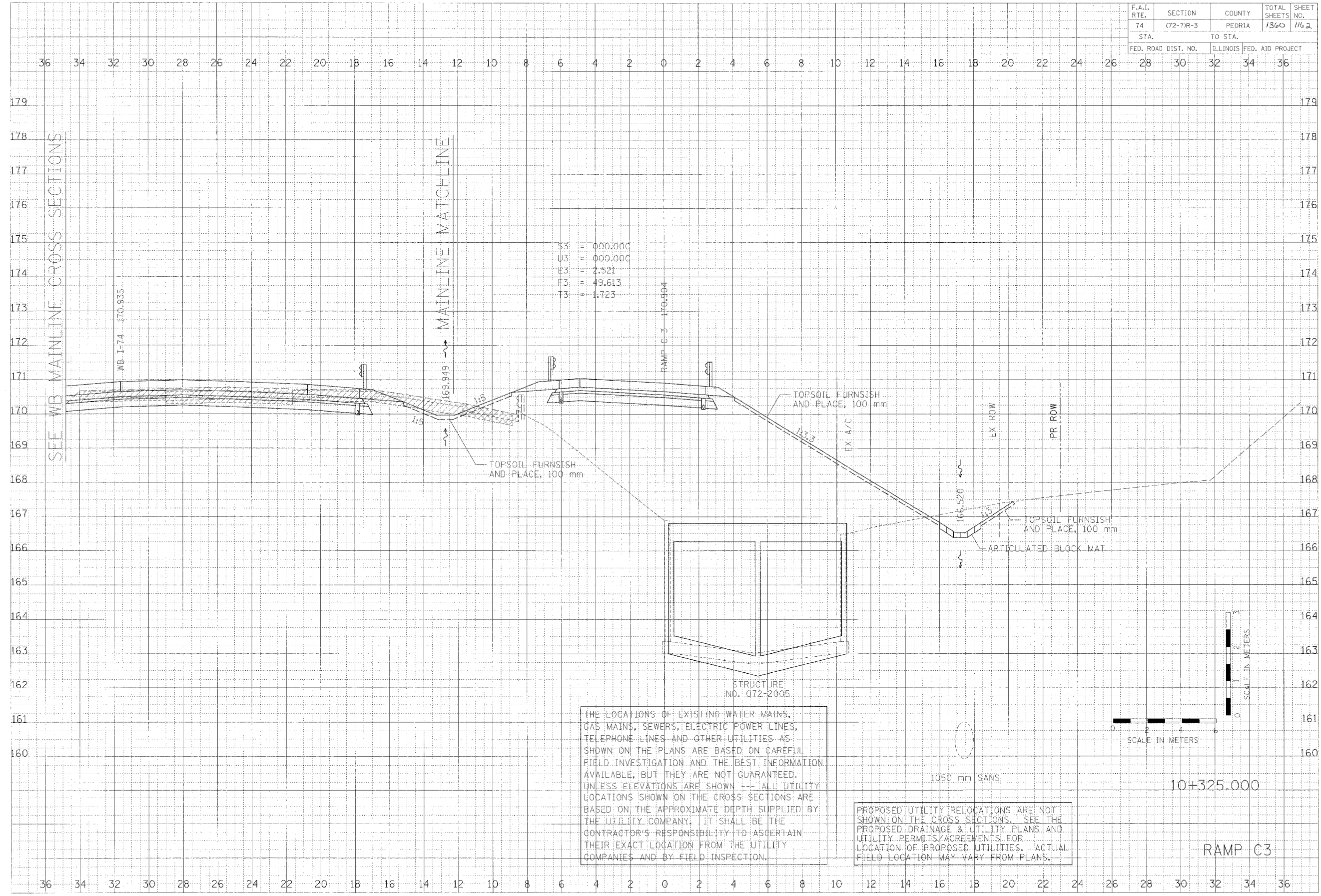
RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1162
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
28	30	32	34	36

DATE	BY
DATE	BY
DATE	BY

CLARK ENGINEERS, INC.

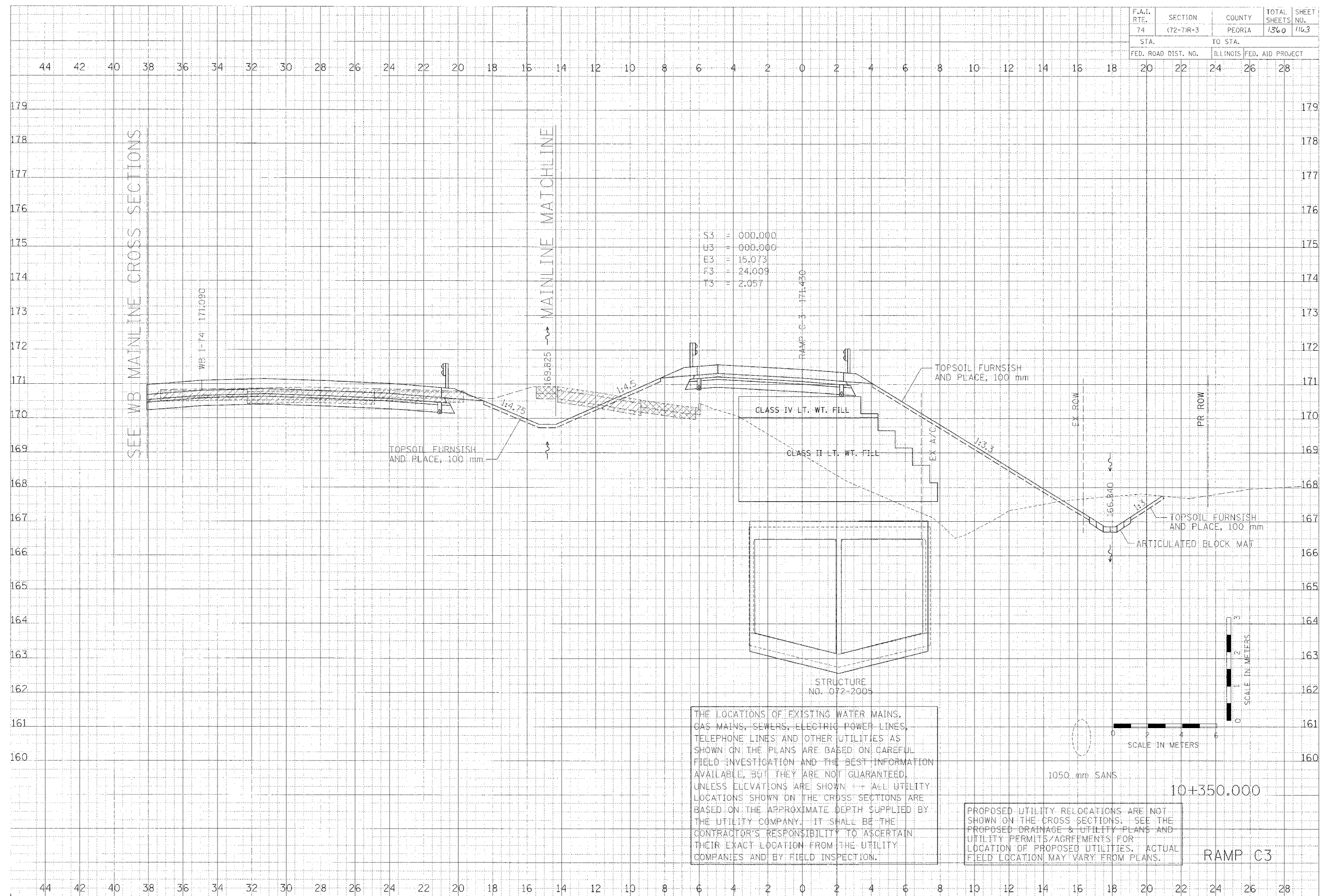
DATE	BY
DATE	BY
DATE	BY



THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1163
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



S3 = 000.000
 U3 = 000.000
 F3 = 15.073
 T3 = 24.009
 B3 = 2.057

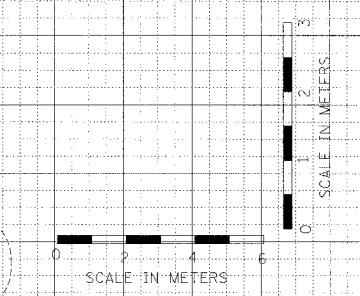
DATE	BY
DATE	BY
DATE	BY

CLARK ENGINEERS, INC.

DATE	BY
DATE	BY
DATE	BY

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN, ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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10+350.000

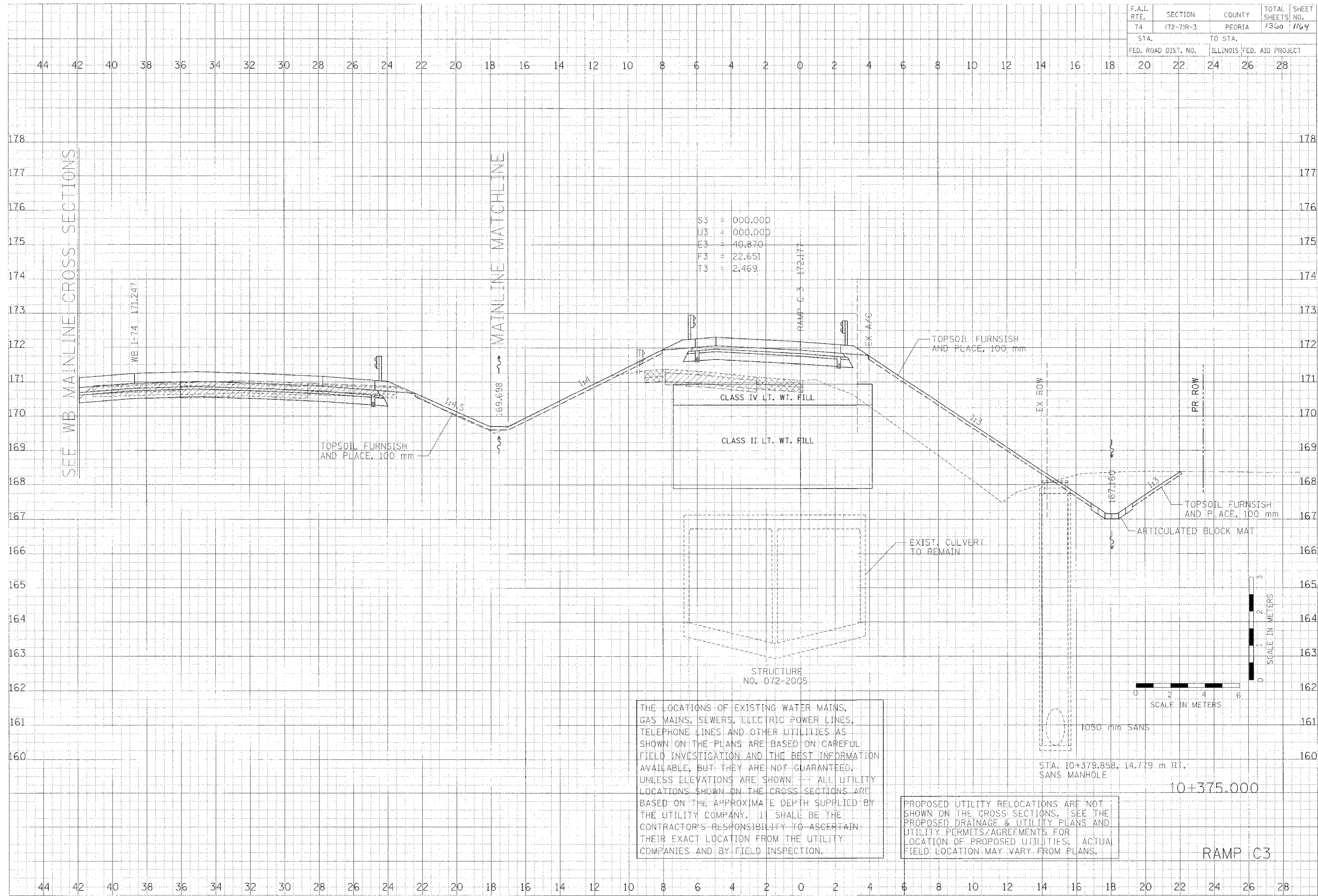
RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1164
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
44	42	40	38	36
34	32	30	28	26
26	24	22	20	18
16	14	12	10	8
6	4	2	0	2
4	6	8	10	12
14	16	18	20	22
24	26	28		

DATE: _____
 BY: _____
 SURVEY: _____
 NOTE: _____
 REVISIONS: _____
 DRAWN: _____
 CHECKED: _____
 APPROVED: _____



DATE: _____
 BY: _____
 SURVEY: _____
 NOTE: _____
 REVISIONS: _____
 DRAWN: _____
 CHECKED: _____
 APPROVED: _____



S3 = 000.000
 U3 = 000.000
 E3 = 40.870
 F3 = 22.651
 T3 = 2.469

RAMP C3 172.177

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN -- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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SCALE IN METERS
 0 2 4 6

SCALE IN METERS
 0 1 2 3

10+375.000

RAMP C3

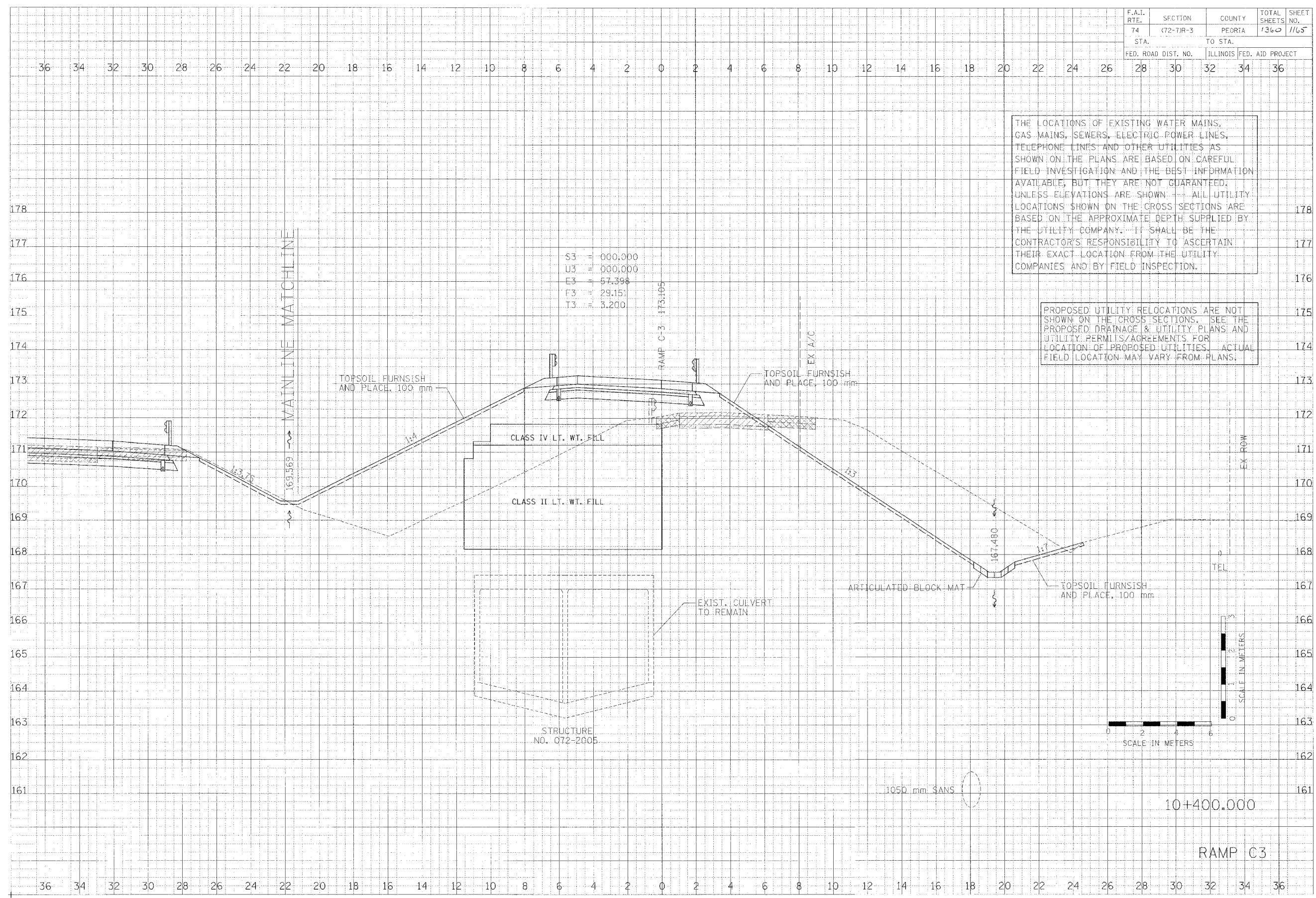
STA. 10+379.858, 14.779 m RT.
 SANS MANHOLE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	134	1165
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY

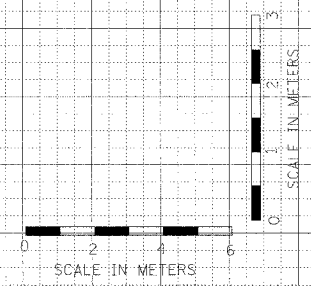
CLARK ENGINEERS, INC.

DATE	BY
DATE	BY
DATE	BY



THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

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10+400.000

RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1166
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
32	34	36	38	40

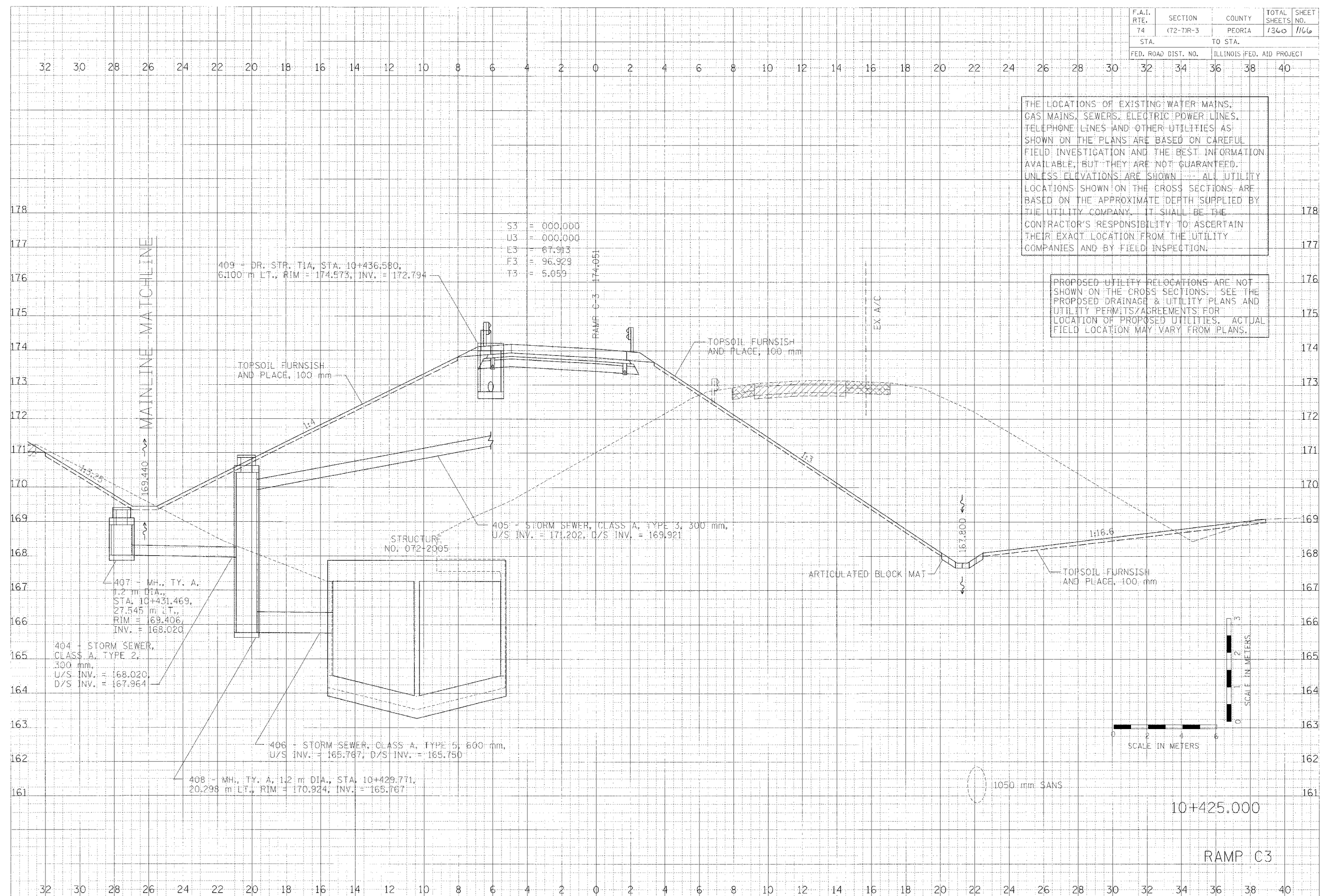
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DATE	BY
DATE	BY

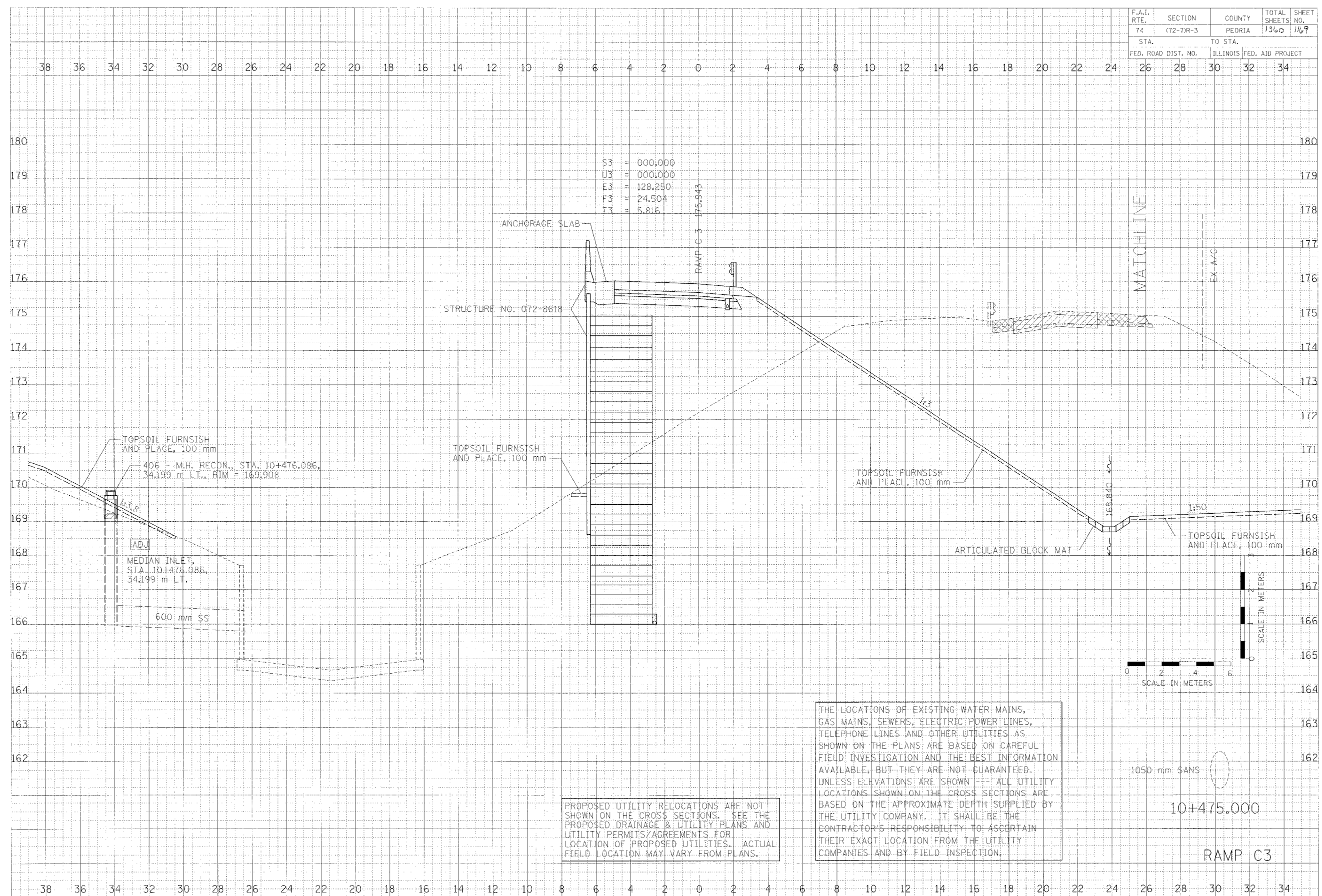


DATE	BY
DATE	BY



10+425.000
RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1169
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
26	28	30	32	34



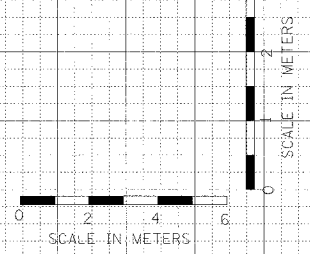
BY: [Signature]
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 DATE: [Date]

CLARK ENGINEERS, INC.

BY: [Signature]
 CHECKED: [Signature]
 DATE: [Date]

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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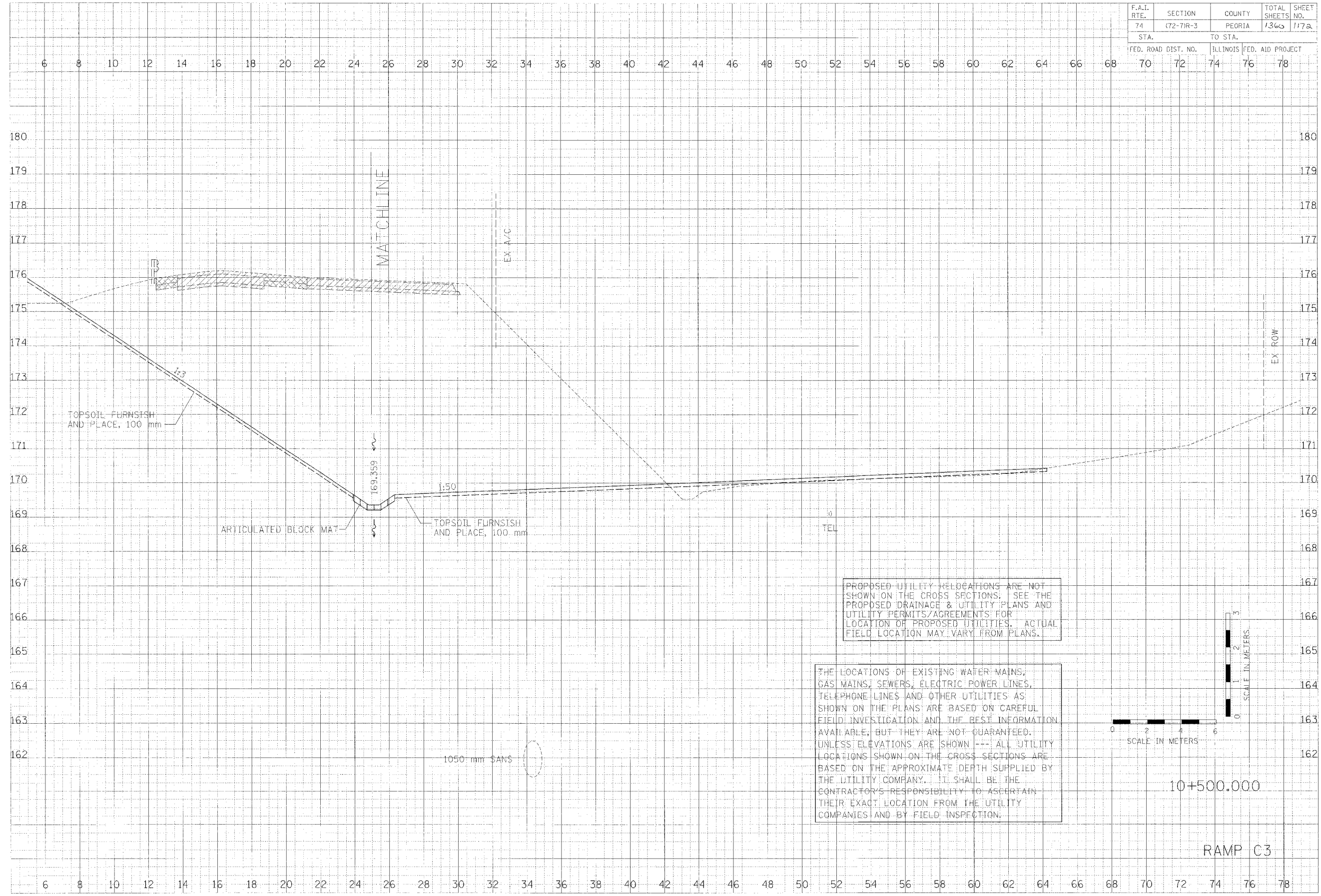
1050-mm SANS
 10+475.000
 RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1365	117a
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
68 70 72 74 76 78				

DRAWN BY: [REDACTED]
 CHECKED BY: [REDACTED]
 DATE: [REDACTED]

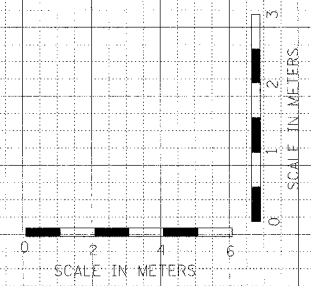
CLARK ENGINEERS, INC.
 1000 S. WASHINGTON ST.
 PEORIA, ILL. 61604

DRAWING NO.: [REDACTED]
 DATE: [REDACTED]



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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10+500.000

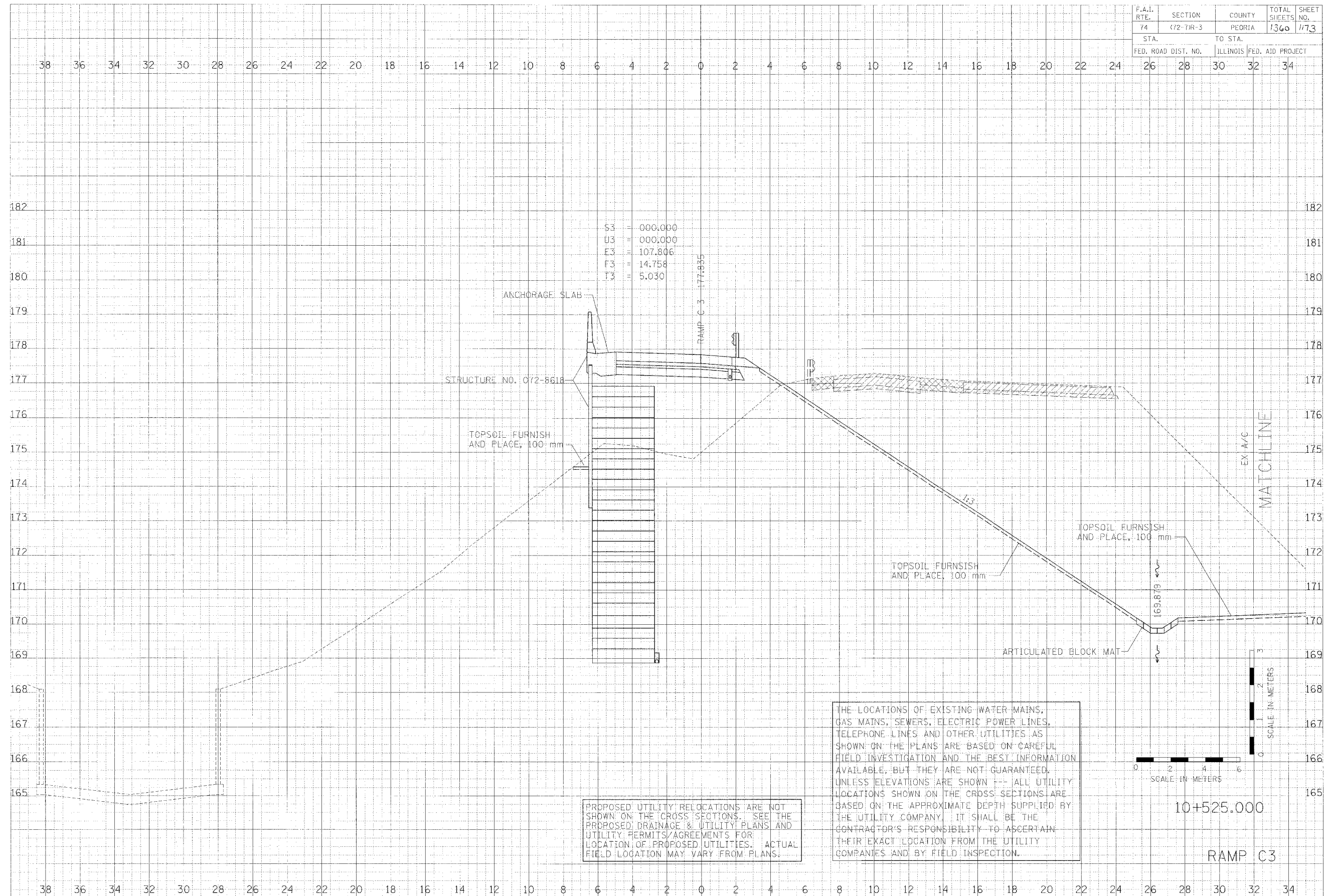
RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	072-TR-3	PEORIA	1360	173
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
26	28	30	32	34

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 CHECKED BY: []
 DATE: []
 SURVEY: []
 PLOTTED: []
 NOTE: []
 AREA: []
 CHECKED: []

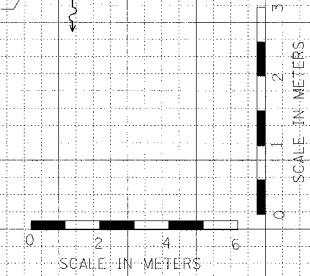
CLARK ENGINEERS, INC.
 1000 []
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CHECKED BY: []
 DATE: []
 SURVEY: []
 PLOTTED: []
 NOTE: []
 AREA: []
 CHECKED: []



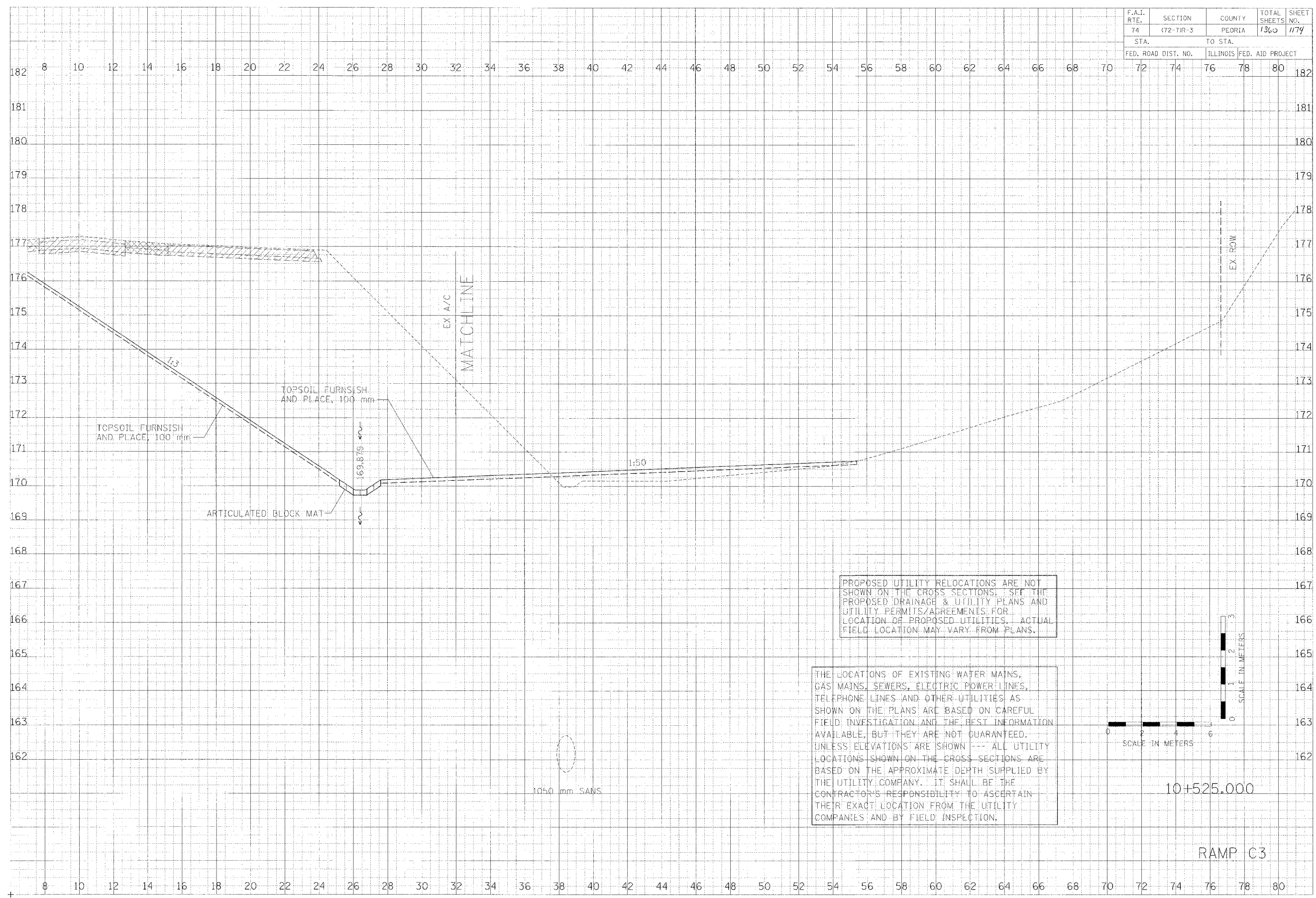
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RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-TR-3	PEDRIA	1360	1174
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



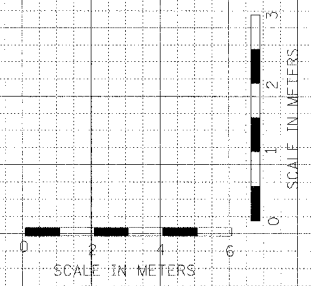
FROM SURVEYED SPOTS PLOTTED FROM FIELD NOTES
 DATE: 11/11/03
 BY: J.E.S.

CLARK ENGINEERS, INC.
 1000 N. WASHINGTON ST.
 PEORIA, ILLINOIS 61604

ORIGINAL SCALE PLOTTED FROM FIELD NOTES
 DATE: 11/11/03
 BY: J.E.S.

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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10:525.000

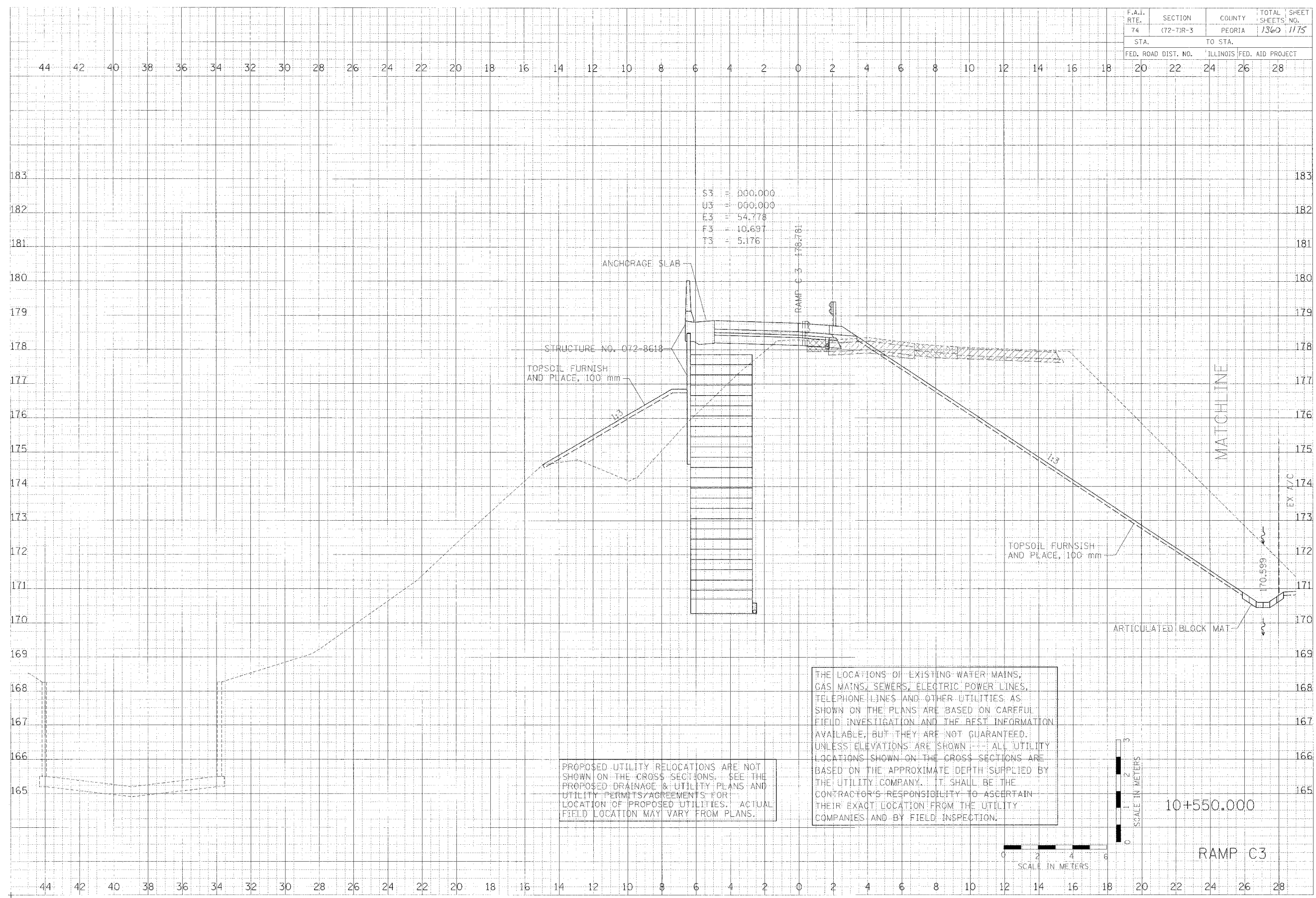
RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1175
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
44	42	40	38	36
34	32	30	28	26
26	24	22	20	18
16	14	12	10	8
6	4	2	0	2
4	6	8	10	12
14	16	18	20	22
24	26	28		

DESIGNED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 SURVEYED BY: _____ DATE: _____
 NOTE BOOK: _____
 AREA: _____
 AREA: _____

CLARK ENGINEERS, INC.
 1000 N. WASHINGTON ST.
 PEORIA, ILL. 61604
 PHONE: (312) 686-1100
 FAX: (312) 686-1101

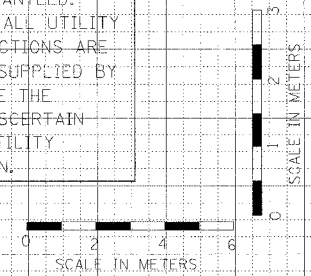
PROJECT NO.: _____ DATE: _____
 DRAWING NO.: _____
 SHEET NO.: _____
 TOTAL SHEETS: _____
 AREA: _____
 AREA: _____



S3 = 000.000
 U3 = 000.000
 E3 = 54.778
 F3 = 10.697
 T3 = 5.176

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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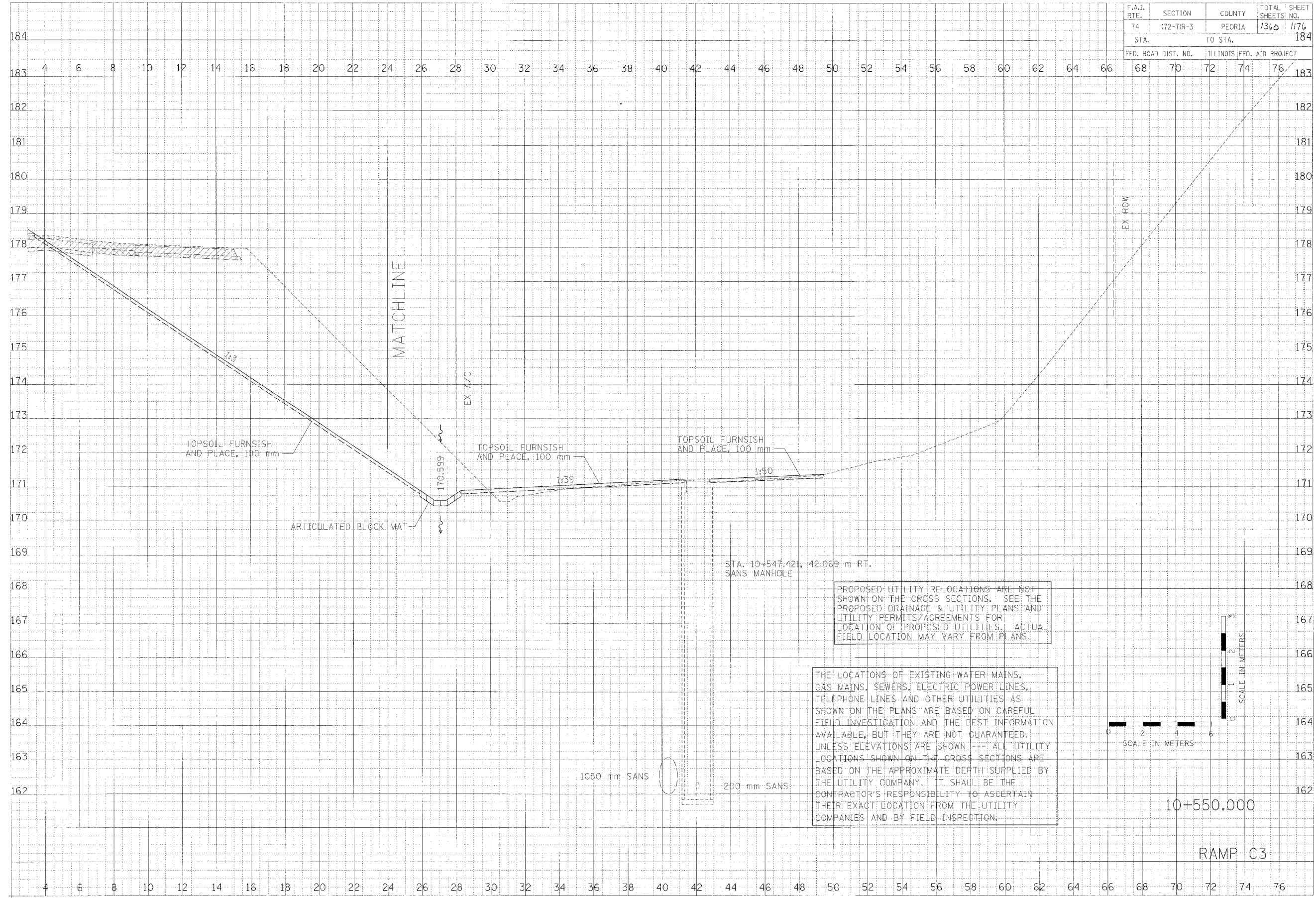
RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS: NO.
74	(72-7)R-3	PEORIA	1368 1176
STA.	TO STA.		
68	70	72	74 76
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

DATE: 9/1/04
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 IN CHARGE: [Signature]
 PROJECT NO.: 10+547.421
 SHEET NO.: 1176

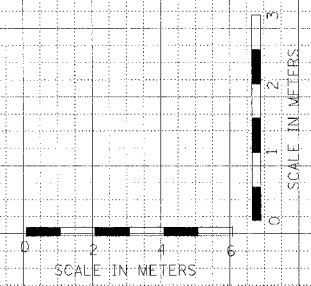
CLARK ENGINEERS, INC.
 1001 N. WASHINGTON ST.
 PEORIA, ILL. 61604
 PHONE: (312) 686-1100
 FAX: (312) 686-1101
 WWW: WWW.CLARKENGINEERS.COM

DATE: 9/1/04
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 IN CHARGE: [Signature]
 PROJECT NO.: 10+547.421
 SHEET NO.: 1176



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

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10+550.000

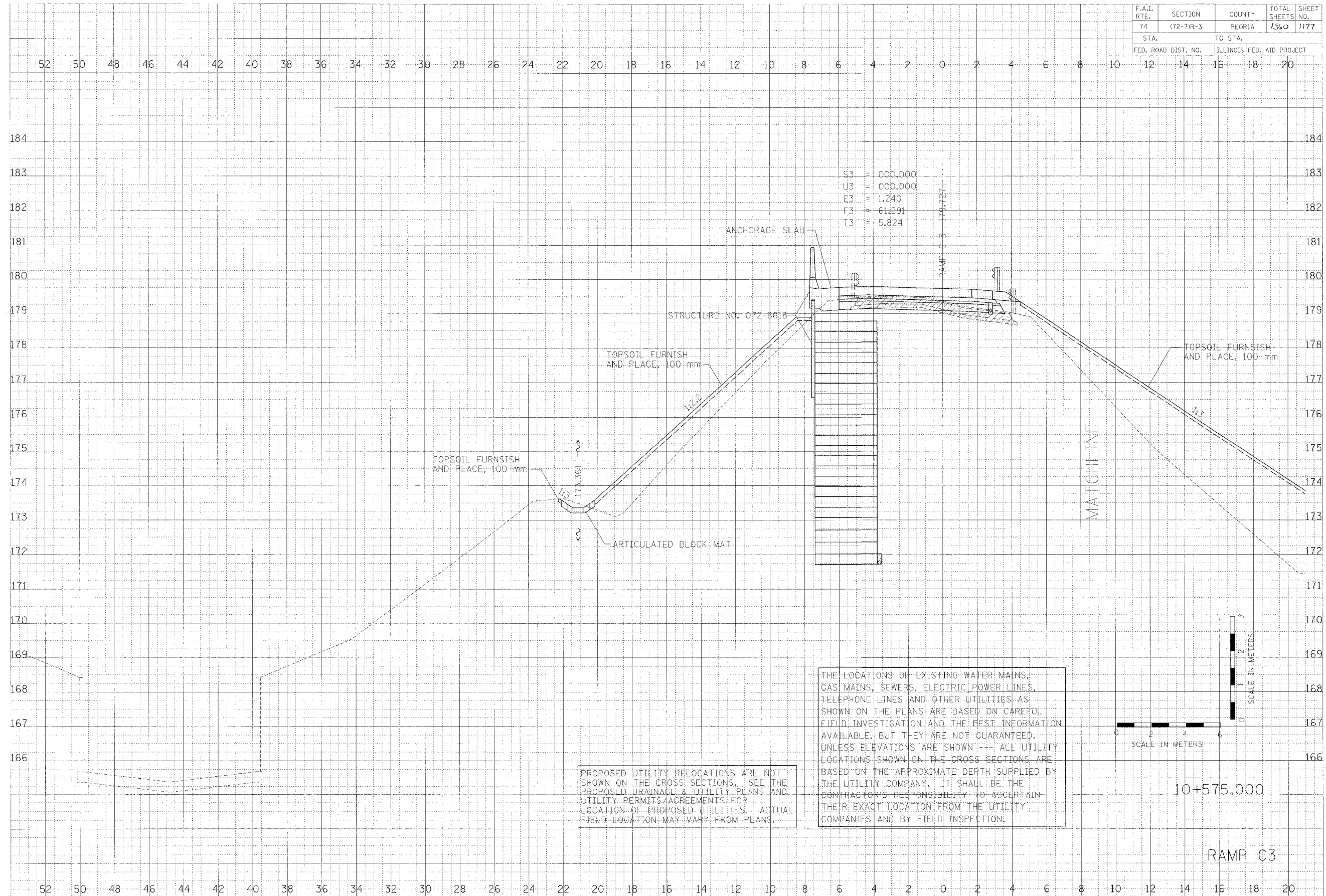
RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	(72-7)R-3	PEORIA	1360	1177
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
12	14	16	18	20

DATE	BY	UT
DATE	BY	UT

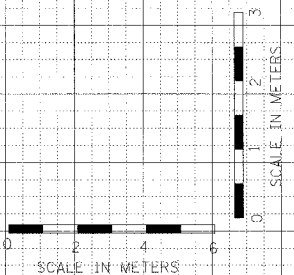
CLARK ENGINEERS, INC.

DATE	BY	UT
DATE	BY	UT



THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.



10+575.000

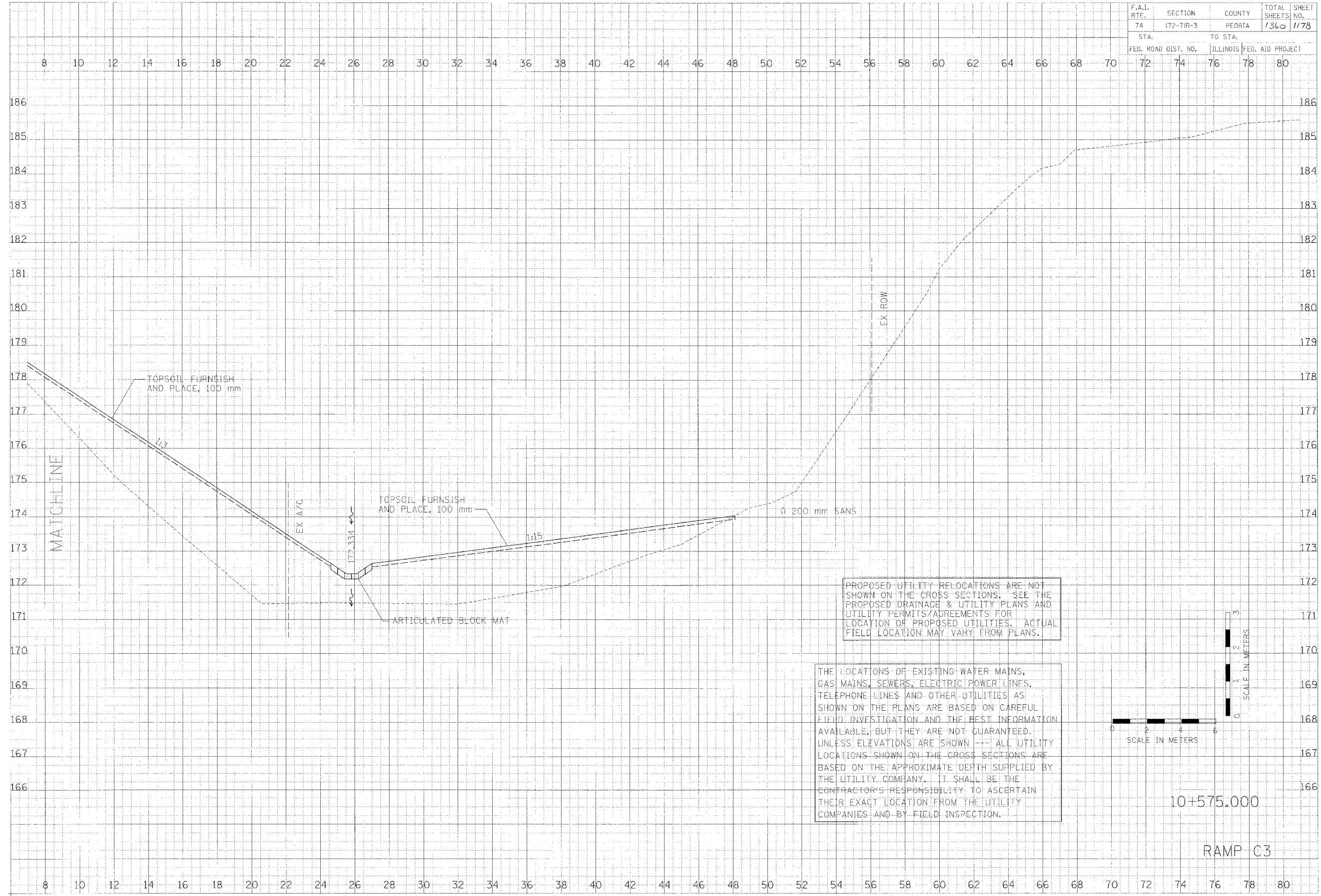
RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1178
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
72	74	76	78	80

DRAWN BY: []
 CHECKED BY: []
 DATE: []
 PROJECT: []
 SHEET: []
 TITLE: []

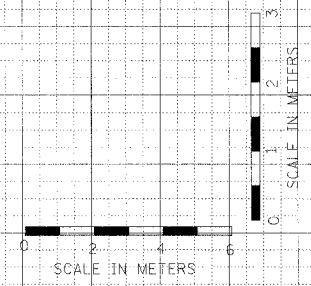

 CLARK ENGINEERS, INC.

DESIGNED BY: []
 CHECKED BY: []
 DATE: []
 PROJECT: []
 SHEET: []
 TITLE: []



PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



10:575.000

RAMP C3

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74 (I-74)	(72-7) R-3	PEORIA	1360	1180

JOB NO. D-94-009-02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLAN FOR PROPOSED
HIGHWAY IMPROVEMENT
FEDERAL AID INTERSTATE**

F.A.I. ROUTE 74 (I-74)
SECTION (72-7) R-3
PROJECT
PEORIA COUNTY
C-94-009-02

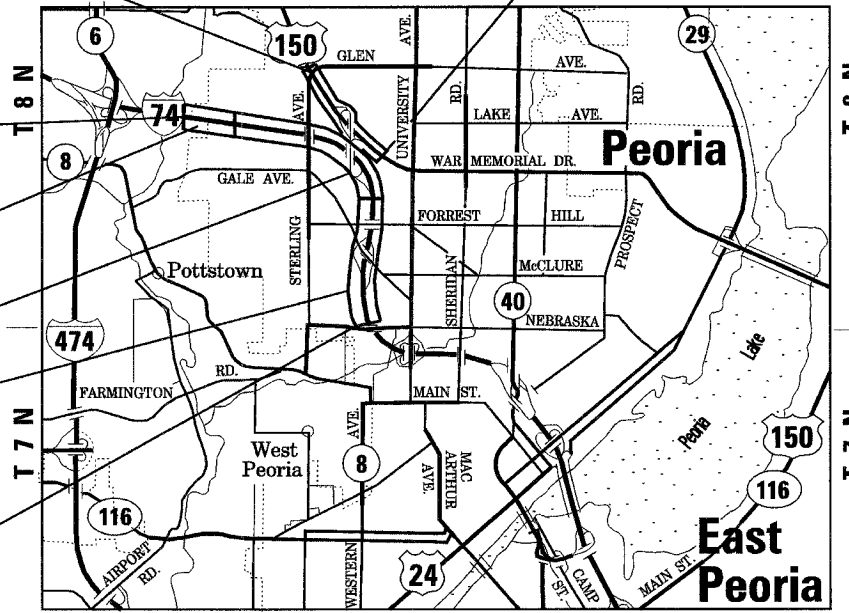
CONTRACT 68200
PROJECT ENDS
WAR MEMORIAL DRIVE
STA. 40 + 600.000

CONTRACT 68200
PROJECT BEGINS
WAR MEMORIAL DRIVE
STA. 38 + 965.067

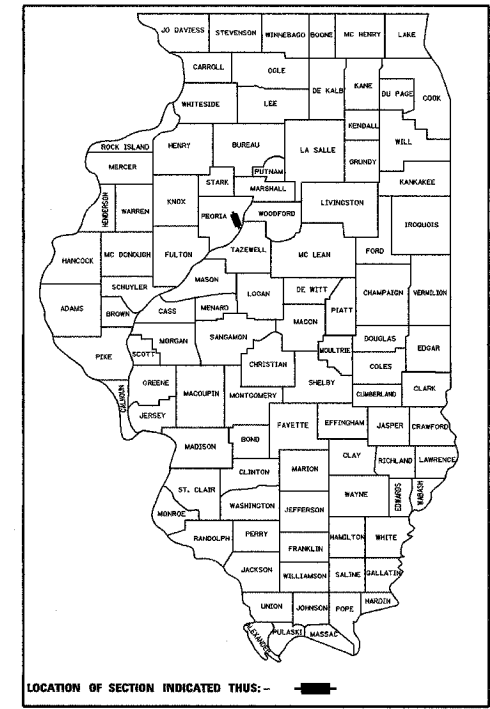
CONTRACT 68200
PROJECT BEGINS
WB STA. 140 + 902.744

CONTRACT 68200
PROJECT ENDS
WB STA. 146 + 410.000

DESIGN SECTION 4
DESIGN SECTION 1
DESIGN SECTION 2



GROSS LENGTH OF IMPROVEMENT = 5.510 KILOMETERS (4.335 MILES)
NET LENGTH OF IMPROVEMENT = 5.508 KILOMETERS (4.364 MILES)
LATITUDE = 40°
LONGITUDE = 89°



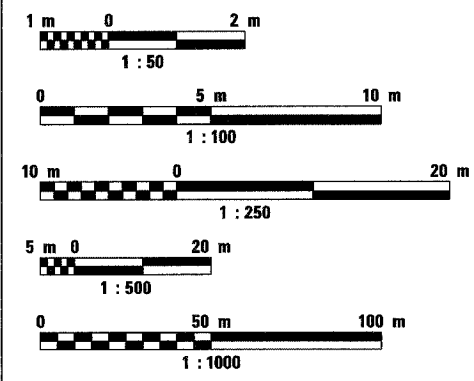
PROJECT ENGINEER: RICH DOTSON (309) 671-3455
LIAISON ENGINEER: CHRISTOPHER MAUSHARD (309) 671-3464

FOR MASTER INDEX OF SHEETS,
SEE SHEET NO. 2

FOR HIGHWAY STANDARD LIST
FOR ALL PLAN SETS,
SEE SHEET NO. 3

SURVEY BOOK NOS.
2630 A (IDOT)
2630 B (IDOT)
2630 C (IDOT)
2630 D (IDOT)
2630 E (IDOT)
2814 A THRU E

METRIC RATIOS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

CALL J.U.L.I.E. 48 HOURS BEFORE YOU DIG 1-800-892-0123

CATALOG NOS. - 031087-17D
CONTRACT NO. - 68200

SET 3 OF 4
LIGHTING, SIGNING AND I.T.S.



alfred benesch & company
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: DAVID J. MORRILL, PE, SE, 312-565-0450

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	1181
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

SET 3
INDEX OF SHEETS

SHEET NO.		DESCRIPTION
OVERALL	THIS SET	
1180	1	Cover Sheet
1181	2	Index of Sheets
1182 - 1184	3-5	Set 3 Total Bill of Materials
<u>Lighting</u>		
1185	L 1	Index of Sheets, General Electrical and Construction Notes
1186	L 2	Bill of Materials
1187	L 3	Electrical Legend
1188	L 4	Lighting Criteria and Abbreviations
1189 - 1190	L 5-6	Pole and Luminaire Schedule
1191	L 7	Proposed Lighting Plans Overview Sheet
1192 - 1206	L 8-22	Proposed Lighting Plans I-74 and War Memorial Dr.
1207	L 23	Bridge Lighting Plan Ramp A-3 Over Ramp B-5
1208 - 1209	L 24-25	Bridge Lighting Plan Ramps B-1 and B-4 Over I-74
1210	L 26	Bridge Lighting Plan Ramps B-3 and B-5 Over War Memorial Dr.
1211 - 1215	L 27-31	Wiring Diagram
1216 - 1217	L 32-33	Lighting Controller Wiring Diagram
1218 - 1222	L 34-38	Removal Plan I-74/War Memorial Dr.
1223	L 39	Electric Service Installation and Trench Detail
1224	L 40	Proposed Lighting Controller Wiring and Details Type CB-RCS-200
1225	L 41	100 AMP Lighting Controller Wiring and Detail
1226 - 1227	L 42-43	Lighting Details
1228	L 44	Pole Details
1229	L 45	Miscellaneous High Mast Pole and Luminaire Details
1230	L 46	Miscellaneous Underpass Lighting Details
1231	L 47	Miscellaneous Lighting Details Temporary Lighting
1232	L 48	Miscellaneous Lighting Details
1233	L 49	Light Tower Foundation (Type 1-Median)
1234 - 1235	L 50-51	Light Tower Foundation (Type 2 In-Field)
1236	L 52	Light Tower Foundation Notes and Anchor Bolt Details
1237 - 1248	L 53-64	Light Tower Foundation Soil Borings
<u>Signing</u>		
1249	S 1	Index of Sheets and Total Bill of Materials
1250 - 1261	S 2-13	Bill of Materials-Regulatory and Warning Signs
1262 - 1265	S 14-17	Bill of Materials and Detail Drawings-Ground Mounted Signs
	S 14	Removals
	S 15	Proposed
	S 16-17	Detail Drawings
1266	S 18	Bill of Materials-Overhead Signs.
1267 - 1287	S 19-39	Permanent Signing Plan
1288 - 1296	S 40-48	Guide Sign Panel Details and Regulatory and Warning Sign Details
1297 - 1307	S 49-59	Overhead Sign Structures
1308 - 1327	S 60-79	Cantilever Sign Structures
1328 - 1330	S 80-82	Soil Boring Logs
1331	S 83	Sign Support, Parapet Mounted, Type 1
<u>Intelligent Transportation System</u>		
1332 - 1333	ITS 1-2	Index of Sheets, Commitments, General Notes, Utility/Agency Contracts
1334	ITS 3	Bill of Materials
1335	ITS 4	Legend
1336	ITS 5	System Component Map
1337 - 1340	ITS 6-9	Microwave Detector Subsystem
	ITS 6	MDS-174-02 (Sta. 143+215) Microwave Detector Station Site Layout
	ITS 7	Microwave Detector Mounting Details
	ITS 8	Microwave Detector Station Installation Details
	ITS 9	Nonintrusive Detector Pole Foundation Detail
1341 - 1342	ITS 10-11	Fiber Optic Communications Subsystem
	ITS 10	Fiber Optic Communications System Layout, I-74 From Dries Lane to Sta. 144+250
	ITS 11	Conduit Detail
1343 - 1344	ITS 12-13	Miscellaneous Details
	ITS 12	Equipment Cabinet Details
	ITS 13	ITS Component Identification Plaque

HIGHWAYS STANDARDS

STANDARD	DESCRIPTION
701101	Off-Road Operations, Multilane, Less Than 4.5M (15') Away, For Speeds > or = 45 MPH
701106	Off-Road Operations, Multilane, More Than 4.5M (15') Away, For Speeds > or = 45 MPH
701400	Approach to Lane Closure, Freeway/Expressway
701406	Lane Closure, Multilane, Day Operations Only, For Speeds > or = 45 MPH
701411	Lane Closure, Multilane at Entrance or Exit Ramp, For Speeds > or = 45MPH
701601	Lane Closure, Multilane, 1W or 2W, With Nonreversible Median For Speeds < 45 MPH
702001	Traffic Control Devices
720001	Sign Panel Mounting Details
720006	Sign Panel Erection Details
720011	Metal Posts for Signs, Markers & Delineators
720016	Mast Arm Mounted Street Name Signs
720021	Sign Panels, Extruded Aluminum Type
729001	Applications of Types A & B Metal Posts (For Signs & Markers)
805001	Electrical Service Installation Details
814001	Concrete Handholes

LIST OF I-74 PROJECT STANDARDS

STANDARD NO.	DESCRIPTION
733002-174	Sign Support, Parapet Mounted, Type 1

\$FILE\$

\$TIME\$

\$DATE\$

SET 3 SHEET 2

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>INDEX OF SHEETS LIGHTING, SIGNING & ITS</p> <p>DRAWN BY DJK CHECKED BY DPA</p> <p>DATE: 11/15/04</p>



alfred benesch & company
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1360	1182
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY

SET #3 TOTAL BILL OF MATERIALS
LIGHTING, SIGNING & ITS

				URBAN																
				IM																
				90% FED 10% STATE					90% FED 5% STATE 5% CITY			90% FED 10% STATE								
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	
				BIT	CONC	A3	B3/B5	B1/B4	CULVERT >20	CULVERT<20, R WALL				WAR MEMORIAL DR/ STERLING/GLEN	WAR MEMORIAL DR/ SCENIC DR	SCENIC DR/ MALL ENTRANCE				
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	11	10	1															
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	61	28	33															
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	7		7															
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	3								3									
73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	24	18	6															
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	24	18	6															
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	6								6									
80400100	ELECTRIC SERVICE INSTALLATION	EACH	3									3								
80500200	SERVICE INSTALLATION, TYPE B	EACH	1										1							
81400200	HEAVY-DUTY HANDHOLE	EACH	3										3							
81400400	CONCRETE HANDHOLE	EACH	2									2								
81400500	CONCRETE HEAVY-DUTY HANDHOLE	EACH	1									1								
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	35									35								
82104000	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 400 WATT	EACH	11									11								
82500560	LIGHTING CONTROLLER TYPE CB-RCS 200 AMP-480VOLT	EACH	1									1								
84100110	REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	31									31								
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	13									13								
84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	37									37								
84200800	POLE FOUNDATION, REMOVED	EACH	50									50								
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2									2								
M5080105	REINFORCEMENT BARS	KG	690	520	170															
M7200100	SIGN PANEL - TYPE 1	SQ M	14	14																
M7200200	SIGN PANEL - TYPE 2	SQ M	20	20																

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- * SPECIALTY ITEMS
 - + FUND CODE SFTY-3N
 - ++ FUND CODE Y080
 - +++ FUND CODE SFTY-3C
 - D NON PARTICIPATING
- (1) RAMP A-3 OVER RAMP B-5, SN 072-0172
 (2) RAMPS B-3 & B-5 OVER US 150 & RAMP B-6, SN 072-0190
 (3) RAMPS B-1 & B-4 OVER RAMPS A-3, B-3 & I-74, SN 072-0183



REVISIONS	
NAME	DATE

SET 3 SHEET 3

ILLINOIS DEPARTMENT OF TRANSPORTATION

SET 3
TOTAL BILL OF MATERIALS

DATE: 1/26/2005

DRAWN BY DJK
CHECKED BY DPA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1183
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 68200				

FOR INFORMATION ONLY

SET #3 TOTAL BILL OF MATERIALS
LIGHTING, SIGNING & ITS

					URBAN																
					IM																
					90% FED 10% STATE							90% FED 5% STATE 5% CITY			90% FED 10% STATE						
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY		ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	
					BIT	CONC	A3	B3/B5	B1/B4	CULVERT >20	CULVERT<20, R WALL				WAR MEMORIAL DR/ STERLING/GLEN	WAR MEMORIAL DR/ SCENIC DR	SCENIC DR/ MALL ENTRANCE				
M7200300	SIGN PANEL - TYPE 3	SQ M	262		92	16															
M7270100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	KG	3450		3050	400															
M7290100	METAL POST - TYPE A	METER	8.5		8.5																
M7290200	METAL POST - TYPE B	METER	17.0		13.0	4.0															
M7300100	WOOD SIGN SUPPORT	METER	265.5		239.5	26.0															
M7330050	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-S (1.22M X 1.37M)	METER	63.5									63.5									
M7330255	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (0.90M x 2.14M)	METER	22.6									22.6									
M7340100	CONCRETE FOUNDATIONS	CU M	11.9		9.8	2.1															
M7340200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU M	64.4									64.4									
M8080150	TEMPORARY WOOD POLE, 15.24M, CLASS 4	EACH	10										10								
M8100260	CONDUIT IN TRENCH, 50MM DIA., PVC	METER	1927.0										1723.0	204.0							
M8100280	CONDUIT IN TRENCH, 75MM DIA., PVC	METER	4069.0										4069.0								
M8101450	CONDUIT PUSHED, 50MM DIA., PVC	METER	173.0											173.0							
M8101470	CONDUIT PUSHED, 75MM DIA., PVC	METER	17.0										17.0								
M8110130	CONDUIT ATTACHED TO STRUCTURE, 25MM DIA. GALVANIZED STEEL	METER	436.0										436.0								
M8120230	CONDUIT EMBEDDED IN STRUCTURE, 50MM DIA. PVC	METER	179.0										179.0								
M8120250	CONDUIT EMBEDDED IN STRUCTURE, 75MM DIA. PVC	METER	494.0										494.0								
M8130120	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 150MM X 150MM X 100MM	EACH	46										46								
M8130415	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 300MM X 300MM X 200MM	EACH	13										13								
M8131500	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 675MM X 400MM X 300MM	EACH	3										3								
M8150200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	5495.5										5373.0	122.5							
M8170030	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.8	METER	2927.0										2927.0								
M8170040	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.6	METER	5120.0										5120.0								

- * SPECIALTY ITEMS
- + FUND CODE SFTY-3N
- ++ FUND CODE YO80
- +++ FUND CODE SFTY-3C
- D NON PARTICIPATING

- (1) RAMP A-3 OVER RAMP B-5, SN 072-0172
- (2) RAMPS B-3 & B-5 OVER US 150 & RAMP B-6, SN 072-0190
- (3) RAMPS B-1 & B-4 OVER RAMPS A-3, B-3 & I-74, SN 072-0183

SET 3 SHEET 4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SET 3
TOTAL BILL OF MATERIALS



alfred benesch & company
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

DRAWN BY DJK
CHECKED BY DPA

DATE: 11/15/04

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1184
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 68200				

FOR INFORMATION ONLY

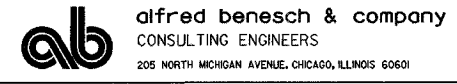
SET #3 TOTAL BILL OF MATERIALS
LIGHTING, SIGNING & ITS

				URBAN																
				IM																
				90% FED 10% STATE						90% FED 5% STATE 5% CITY				90% FED 10% STATE						
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY I000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	
				BIT	CONC	A3	B3/B5	B1/B4	CULVERT >20	CULVERT<20, R WALL				WAR MEMORIAL DR/ STERLING/GLEN	WAR MEMORIAL DR/ SCENIC DR	SCENIC DR/ MALL ENTRANCE				
M8170050	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.4	METER	4818.0									4818.0								
M8170060	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	METER	14439.0									14439.0								
M8170070	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	METER	75.0									75.0								
M8170090	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	METER	48.0									48.0								
M8180140	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	METER	512.0									512.0								
M8300415	LIGHT POLE, ALUMINUM, 13.5M M.H., 2.4M DAVIT ARM	EACH	3									3								
M8301815	LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 13.5M M.H., 2.4M DAVIT ARM	EACH	32									32								
M8360100	LIGHT POLE FOUNDATION, 600MM DIAMETER	METER	87.5									87.5								
M8370100	LIGHT TOWER FOUNDATION	METER	205.3									205.3								
M8370110	LIGHT TOWER FOUNDATION (SPECIAL)	METER	12.5									12.5								
M8731800	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	113.0										113.0							
M8780300	CONCRETE FOUNDATION, TYPE E 600MM DIAMETER	METER	2.5										2.5							
MX033456	NONINTRUSIVE DETECTOR POLE 9.1 METER	EACH	1										1							
MX733010	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-S (0.90M x 1.68M)	METER	7.9								7.9									
MX873027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	METER	113.0										113.0							
X0323920	POLE MOUNTED EQUIPMENT CABINET, TYPE B	EACH	1										1							
X0323970	UNDERPASS LUMINAIRE, (INSTALL ONLY)	EACH	29									29								
X0323971	HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	183									183								
X0323997	SIGN SUPPORT, PARAPET MOUNTED, TYPE 1	EACH	2	2																
X8350100	LIGHT TOWER, INSTALL ONLY	EACH	34									34								
XX004187	INSTALL CONTROLLER	EACH	2									2								

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- * SPECIALTY ITEMS
- + FUND CODE SFTY-3N
- ++ FUND CODE Y080
- +++ FUND CODE SFTY-3C
- D NON PARTICIPATING

- (1) RAMP A-3 OVER RAMP B-5, SN 072-0172
- (2) RAMPS B-3 & B-5 OVER US 150 & RAMP B-6, SN 072-0190
- (3) RAMPS B-1 & B-4 OVER RAMPS A-3, B-3 & I-74, SN 072-0183



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SET 3
TOTAL BILL OF MATERIALS

DATE: 11/15/04

DRAWN BY DJK
CHECKED BY DPA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1185
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

INDEX OF DRAWINGS

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23	BRIDGE LIGHTING PLAN RAMP A-3 OVER RAMP B-5
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GENERAL ELECTRICAL NOTES:

- ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
- CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS, QUANTITIES, AND TYPE OF UTILITIES IN AREAS TO BE EXCAVATED PRIOR TO COMMENCEMENT OF ANY WORK AND SHALL HAND EXCAVATE AS REQUIRED IN ORDER TO NOT INTERRUPT ANY EXISTING SERVICES. IF IN PERFORMING WORK DAMAGE TO EXISTING UTILITIES OCCURS, CONTRACTOR SHALL NOTIFY UTILITY IMMEDIATELY AND PAY ANY COST INCURRED FOR REPAIR OR REPLACEMENT.
- ELECTRICAL EQUIPMENT, RACEWAY, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. WHERE DIRECTED BY THE ENGINEER IN ORDER TO BEST SUIT JOB CONDITIONS.
- BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD UTILITIES CALL MR. DANIEL C. BRIGHT OF CILCO AT 309-693-4721 FOR LOCATION APPROVAL.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING STATE OWNED LIGHTING AND/OR TRAFFIC SIGNAL UTILITIES WITHIN THE LIMITS OF THE CONTRACT.
- TWENTY-FIVE PERCENT OF EXISTING STATE STANDARD LIGHT POLES BEING REMOVED UNDER THIS CONTRACT SHALL BE RETURNED TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT FOUR, BUREAU OF OPERATIONS, AT 6500 W. ROUTE 150, EDWARDS, ILLINOIS 61528.
- THE RCO LIGHTING CONTROLLER SHALL BE PICKED UP BY THE CONTRACTOR FROM THE CITY OF PEORIA FACILITY. THIS FACILITY IS LOCATED AT: 3505 NORTH DRIES LANE, PEORIA, ILLINOIS 61604.

CONSTRUCTION NOTES:

- CONDUIT SHALL BE 75mm PVC. SCHED. 40, UNLESS OTHERWISE NOTED.
- ALL CONDUIT CROSSING ROADWAYS SHALL BE 75mm PVC. SCHED. 80.
- THE GROUND CONDUCTOR SHALL HAVE NO SPLICE OR KINKS BELOW GRADE, IT SHALL BE SOLIDLY CONNECTED TO THE GROUNDING LUG OF EACH POLE AND TO THE GROUND ROD AT THE SERVICE INSTALLATION.
- ALL POLES AND THE STREET LIGHT CONTROLLERS SHALL BE CONNECTED TO A CONTINUOUS GROUND CONSISTING OF A GREEN INSULATED ELECTRICAL CONDUCTOR 600 V. XLP, SIZE AS INDICATED ON PLANS. THIS CONDUCTOR SHALL BE PLACED INSIDE THE CONDUIT ALONG WITH THE INSULATED CABLES.
- SUFFICIENT LENGTH OF ELECTRICAL CONDUCTOR SHALL BE INSTALLED IN HANDHOLES AND IN LIGHT STANDARDS TO PROVIDE ADEQUATE SLACK SO THAT ELECTRICAL CONDUCTOR MAY BE PULLED. SAID SLACK SHALL BE NEATLY COILED AND PLACED IN THE HANDHOLES.
- THE EXISTING CONCRETE FOUNDATION SHALL BE REMOVED TO A DEPTH AT LEAST 0.6 METER BELOW THE FINAL GRADE AND DISPOSED OF OUTSIDE THE RIGHT-OF-WAY. THE HOLE SHALL THEN BE BACKFILLED WITH APPROVED MATERIALS AND RECONSTRUCTED TO MATCH THE ADJOINING AREA. COMPACTION SHALL BE BY A METHOD APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE A 5mm (3/16") POLY PULL-LINE THROUGH EACH PVC CONDUIT IN WHICH NO CONDUCTORS ARE PLACED IN THIS CONTRACT. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR THE CONDUIT OF THE TYPE SPECIFIED.
- THE COST FOR THE ELECTRIC SERVICE CONNECTION SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.05.
- THE PROPOSED CONDUIT SHALL BE COUPLED TO THE EXISTING CONDUIT. THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE PROPOSED CONDUIT SPECIFIED.
- ALL MEDIAN BARRIER WALL JUNCTION BOXES AND HIGH MAST TOWER HANDHOLES WILL BE FACING THE EASTBOUND SIDE OF THE MAINLINE.
- ALL NON-METALLIC JUNCTION BOXES EMBEDDED IN THE MEDIAN BARRIER WALL AND PARAPET WALLS SHALL BE CONSTRUCTED FROM POLYMER CONCRETE AS SPECIFIED IN ARTICLE 1088.05.
- JUNCTION BOXES OF "SLIGHTLY" DIFFERENT SIZES THAN THOSE SPECIFIED ON THE PLANS MAY BE USED WHEN APPROVED BY THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT. THIS SHALL NOT RELIEVE THE CONTRACTOR TO CONFORM WITH APPLICABLE CODES.
- EXISTING AND/OR TEMPORARY LIGHTING UNITS SHALL NOT BE REMOVED UNTIL NEW LIGHTING SYSTEM IS COMPLETELY INSTALLED AND FULLY OPERATIONAL TO THE SATISFACTION OF THE ENGINEER.

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LIGHTING SHEET 1 OF 64

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX, GENERAL ELECTRICAL AND CONSTRUCTION NOTES



alfred benesch & company
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

DATE: 11/12/04

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1186
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

STREET LIGHTING - BILL OF MATERIAL (ALL SHEETS)

PAY ITEM	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	3
CONCRETE HANDHOLE	EACH	2
CONCRETE HEAVY-DUTY HANDHOLE	EACH	1
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	35
LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 400 WATT	EACH	11
LIGHTING CONTROLLER TYPE CB-RCS 200AMP-480VOLT	EACH	1
REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	31
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	13
REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	37
POLE FOUNDATION, REMOVED	EACH	50
REMOVAL OF LIGHTING CONTROLLER	EACH	2
TEMPORARY WOOD POLE, 15.24M, CLASS 4	EACH	10
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	1723.0
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	4069.0
CONDUIT PUSHED, 75MM DIA., PVC	METER	17.0
CONDUIT ATTACHED TO STRUCTURE, 25MM DIA., GALVANIZED STEEL	METER	436.0
CONDUIT EMBEDDED IN STRUCTURE, 50MM DIA. PVC	METER	179.0
CONDUIT EMBEDDED IN STRUCTURE, 75MM DIA. PVC	METER	494.0
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 150MM X 150MM X 100MM	EACH	46
JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 300MM X 300MM X 200MM	EACH	13
JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 675MM X 400MM X 300MM	EACH	3
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	5373.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.8	METER	2927.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.6	METER	5120.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.4	METER	4818.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.2	METER	14439.0

PAY ITEM	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	METER	75.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	METER	48.0
AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	METER	512.0
LIGHT POLE, ALUMINUM, 13.5M M.H., 2.4M DAVIT ARM	EACH	3
LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 13.5M M.H., 2.4M DAVIT ARM	EACH	32
LIGHT POLE FOUNDATION, 600mm DIAMETER	METER	87.5
LIGHT TOWER FOUNDATION	METER	205.3
LIGHT TOWER FOUNDATION (SPECIAL)	METER	12.5
UNDERPASS LUMINAIRE, (INSTALL ONLY)	EACH	29
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	183
LIGHT TOWER, INSTALL ONLY	EACH	34
INSTALL CONTROLLER	EACH	2

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LIGHTING SHEET 2 OF 64

REVISIONS	
NAME	DATE





















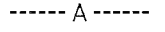

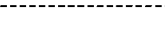
ILLINOIS DEPARTMENT OF TRANSPORTATION
 BILL OF MATERIALS
 LIGHTING
 DRAWN BY DJK
 CHECKED BY MKR
 DATE: 1/26/2005




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 CONSULTING ENGINEERS
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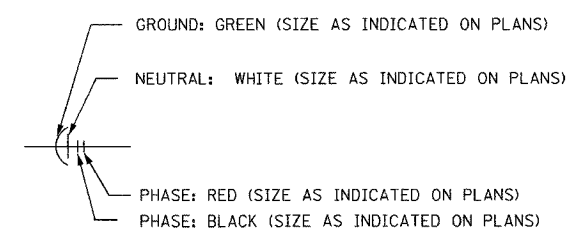
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3	PEORIA	1360	1187
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

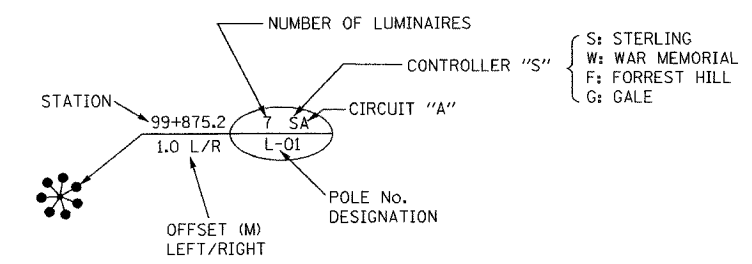
LEGEND

-  PROPOSED HIGH MAST POLE: SEE SCHEDULE ON LIGHTING SHTS. 5 & 6
-  PROPOSED HIGH MAST LUMINAIRE(S), DIRECTION OF ARROW INDICATES STREET SIDE: SEE SCHEDULE ON LIGHTING SHTS. 5 & 6
-  EXISTING HIGH MAST LUMINAIRE(S), DIRECTION OF ARROW INDICATES STREET SIDE
-  PROPOSED STREET LIGHT CONTROLLER.
-  PROPOSED ELECTRICAL SERVICE INSTALLATION: SEE LIGHTING SHT. 39
-  PROPOSED JUNCTION BOX
-  PROPOSED STREET LIGHTING UNIT: 13.5M M.H., TRANSFORMER BASE, 2.4M DAVIT ARM, 400W HPS, 240V MSIII LUMINAIRE TO BE INSTALLED IN STAGE 3.
-  PROPOSED STREET LIGHTING UNIT: 13.5M M.H., 2.4M DAVIT ARM, 400W HPS, 240V MSIII LUMINAIRE TO BE INSTALLED IN STAGE 3.
-  PROPOSED COMBINATION POLE AND LUMINAIRE BY OTHERS
-  PROPOSED EMBEDDED CONDUIT, 75mm PVC SCHEDULE 40, UNLESS OTHERWISE NOTED
-  PROPOSED ATTACHED CONDUIT, 25mm GALVANIZED
-  PROPOSED LIQUID-TIGHT FLEXIBLE CONDUIT, 25mm GALVANIZED
-  EXISTING HIGH MAST POLE
-  EXISTING JUNCTION BOX
-  EXISTING LIGHTING CONTROLLER
-  EXISTING ELECTRIC SERVICE INSTALLATION
-  EXISTING STREET LIGHT UNIT TO REMAIN
-  EXISTING LIGHT UNIT TO BE REMOVED
-  EXISTING TEMPORARY WOOD POLE WITH LUMINAIRE TO BE REMOVED IN STAGE 3.
-  EXISTING TEMPORARY WOOD POLE TO BE REMOVED IN STAGE 3.
-  EXISTING TEMPORARY AERIAL ST. LT. CABLE, 3-1/C *6 WITH GROUNDED MESSENGER TO BE REMOVED
-  EXISTING UNDERGROUND CABLE TO BE REMOVED
-  EXISTING CONDUIT TO REMAIN

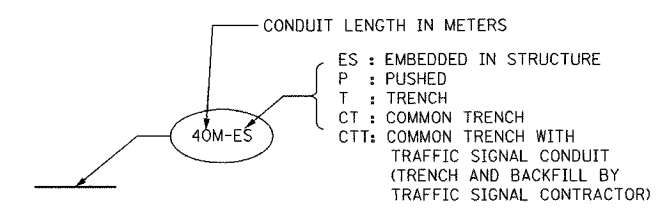
-  EXISTING CONCRETE INSERT
-  UNDERPASS LUMINAIRE, HPSV, S-C-I, 100WATT, 240VOLT (SEE DETAIL SHT. 46)
-  EXISTING BOLLARD (SEE PROJECT STANDARDS 504001A-174 AND 504002A-174)



PROPOSED ST. LT. CABLE IN CONDUIT



PROPOSED LT. TOWER CALL-OUT



PROPOSED CONDUIT CALL-OUT

LIGHTING SHEET 3 OF 64

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ELECTRICAL LEGEND

DATE: 11/12/04

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1360	1188
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

LIGHTING CRITERIA

ROADWAY	ROADWAY CLASSIFICATION	ILLUMINANCE				LUMINANCE								SMALL TARGET VISIBILITY (STV)
		ANSI RECOMMENDATIONS		PROJECT RECOMMENDATIONS		ANSI RECOMMENDATIONS				PROJECT RECOMMENDATIONS				
		AVERAGE ILLUMINANCE (F.C.)	UNIFORMITY (AVE. TO MIN.)	AVERAGE ILLUMINANCE (F.C.)	UNIFORMITY (AVE. TO MIN.)	AVERAGE LUMINANCE (CD/SQ.M)	UNIFORMITY (AVE. TO MIN.)	UNIFORMITY (MAX.. TO MIN.)	MAXIMUM LV TO LAVG RATIO	AVERAGE LUMINANCE (CD/SQ.M)	UNIFORMITY (AVE. TO MIN.)	UNIFORMITY (MAX.. TO MIN.)	MAXIMUM LV TO LAVG RATIO	
MAINLINE	FREEWAY CLASS A	0.9	3:1	1.08	3:1	0.6	3.5:1	6:1	0.3:1	0.6	3.5:1	6:1	0.3:1	3.2
RAMPS (STERLING, GALE & WAR MEMORIAL INTERCHANGES)	FREEWAY CLASS A	0.9	3:1	1.08	3:1	0.6	3.5:1	6:1	0.3:1	0.6	3.5:1	6:1	0.3:1	3.2

ABBREVIATIONS

A/C	AERIAL CABLE	M	METER
AC	ALTERNATE CURRENT	mm	MILLIMETER
AS	ATTACHED TO STRUCTURE	MH	MOUNTING HEIGHT
CB	CIRCUIT BREAKER	N.S.	NO SCALE
CKT	CIRCUIT	N.I.C.	NOT IN CONTRACT
CT	COMMON TRENCH	NO, #	NUMBER
CONC.	CONCRETE	NM	NON-METALLIC
DET.	DETAIL	OPP	OPPOSITE
ELCBL	ELECTRIC CABLE	PNL	PANEL
ES	EMBEDDED IN STRUCTURE	PROJ	PROJECT
EXP'N	EXPANSION	PROP	PROPOSED
FND	FOUNDATION	REQ'D	REQUIRED
GND	GROUND	SS	STAINLESS STEEL
GRS	GALVANIZED RIGID STEEL	TEMP	TEMPORARY
HH	HANDHOLE	T	TRENCH
HPSV	HIGH PRESSURE SODIUM VAPOR	TS	TRAFFIC SIGNAL
JB	JUNCTION BOX	V	VOLT
KVA	KILOVOLT AMPERE	W	WATT
L.M.	LINEAR METER	WP	WEATHER PROOF
LUM	LUMINAIRE	XFMR	TRANSFORMER

LIGHTING SHEET 4 OF 64

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		LIGHTING CRITERIA AND ABBREVIATIONS

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205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1189
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 68200

POLE AND LUMINAIRE SCHEDULE

POLE									LUMINAIRE				
LOCATION		TYPE	HEIGHT (M)	FOUNDATION *		IDENTIFICATION			QUANTITY	DISTRIBUTION TYPE	SHIELD SIZE (MM)		WATT/VOLT
STATION (BASE LINE)	OFFSET			TYPE	DEPTH (M)	CONTROLLER	CIRCUIT	NUMBER			HOUSE SIDE	STREET SIDE	
142+388.1 (I-74 EB)	MEDIAN	HIGH MAST	24	1	**	S	AB	4	4	M-C-III	300	300	400/240
142+487.2 (I-74 EB)	MEDIAN	HIGH MAST	24	1	**	S	AB	3	6	M-C-III	200	200	400/240
142+902.6 (I-74 EB)	29.4 L	HIGH MAST	30	2	**	S	HI	1	5	M-C-III	200	200	400/240
143+067.5 (I-74 EB)	27.0 L	HIGH MAST	30	2	**	S	HI	2	5	M-C-V	200	200	400/240
143+206.0 (I-74 EB)	32.5 L	HIGH MAST	30	2	**	S	HI	3	5	M-C-V	200	200	400/240
143+290.0 (I-74 EB)	32.0 L	HIGH MAST	30	2	**	S	HI	4	6	M-C-III	200	200	400/240
143+415.0 (I-74 EB)	28.0 L	HIGH MAST	30	2	**	S	HI	5	6	M-C-II	300	300	400/240
143+581.5 (I-74 EB)	50.0 L	HIGH MAST	30	2	**	W	CD	2	8	M-C-V	200	200	400/240
143+704.0 (I-74 EB)	55.0 L	HIGH MAST	30	2	**	W	CD	1	4	M-C-II	300	300	400/240
145+554.2 (I-74 EB)	66.6 L	HIGH MAST	30	2	**	G	CD	1	5	M-C-II	400	N.A.	400/240
145+715.2 (I-74 EB)	57.6 L	HIGH MAST	30	2	**	G	CD	2	5	M-C-II	400	N.A.	400/240
39+716.0 (WM)	35.0 L	HIGH MAST	24	2	**	J	CD	4	8	M-C-II	400	N.A.	400/240
39+807.0 (WM)	31.0 R	HIGH MAST	24	2	**	J	CD	5	4	M-C-V	200	200	400/240
39+898.0 (WM)	26.0 L	HIGH MAST	24	2	**	J	AB	1	6	M-C-II	200	200	400/240
40+000.0 (WM)	27.0 R	HIGH MAST	24	2	**	J	AB	2	4	M-C-III	200	200	400/240
40+123.0 (WM)	23.0 L	HIGH MAST	24	2	**	J	EF	1	4	M-C-III	200	200	400/240


- FOR TYPE 1 FOUNDATION DETAILS SEE SHEET #49
FOR TYPE 2 FOUNDATION DETAILS SEE SHEET #50
- ** FOR TYPE 1 FOUNDATION DEPTHS SEE SHEET #49
FOR TYPE 2 FOUNDATION DEPTHS SEE SHEET #51

LIGHTING SHEET 5 OF 64

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

POLE AND LUMINAIRE SCHEDULE


alfred benesch & company
 CONSULTING ENGINEERS
 205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

DATE: 11/12/04
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11/12/2004

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1195
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

POLE AND LUMINAIRE SCHEDULE

POLE									LUMINAIRE				
LOCATION		TYPE	HEIGHT (M)	FOUNDATION *		IDENTIFICATION			QUANTITY	DISTRIBUTION TYPE	SHIELD SIZE (MM)		WATT/VOLT
STATION (BASE LINE)	OFFSET			TYPE	DEPTH (M)	CONTROLLER	CIRCUIT	NUMBER			HOUSE SIDE	STREET SIDE	
40+145.0 (WM)	53.0 R	HIGH MAST	24	2	**	J	AB	3	4	M-C-III	200	200	400/240
40+208.0 (WM)	24.0 R	HIGH MAST	24	2	**	J	GH	1	6	M-C-III	200	200	400/240
143+420.7 (I-74 EB)	237.7 L	HIGH MAST	30	2	**	J	GH	2	8	M-C-V	200	200	400/240
40+266.0 (WM)	23.0 L	HIGH MAST	24	2	**	J	EF	2	4	M-C-V	200	200	400/240
40+276.0 (WM)	27.0 R	HIGH MAST	24	2	**	J	EF	3	6	M-C-III	200	200	400/240
39+864.0 (WM)	107.0 L	HIGH MAST	24	2	**	J	CD	2	6	M-C-III	200	200	400/240
39+953.0 (WM)	166.0 L	HIGH MAST	24	2	**	J	CD	3	4	M-C-III	200	200	400/240
40+012.0 (WM)	72.0 L	HIGH MAST	30	2	**	J	CD	1	4	M-C-II	300	300	400/240
143+474.4 (I-74 EB)	213.0 L	HIGH MAST	30	2	**	J	EF	4	6	M-C-II	300	300	400/240
143+461.1 (I-74 EB)	106.0 L	HIGH MAST	30	2	**	J	GH	3	8	M-C-II	400	N.A.	400/240
143+527.2 (I-74 EB)	117.4 L	HIGH MAST	30	2	**	J	EF	5	6	M-C-II	400	N.A.	400/240
143+504.0 (I-74 EB)	44.0 L	HIGH MAST	30	2	**	J	GH	4	8	M-C-II	400	N.A.	400/240
143+639.4 (I-74 EB)	65.2 R	HIGH MAST	30	2	**	W	EF	5	4	M-C-II	400	N.A.	400/240
143+741.7 (I-74 EB)	149.2 R	HIGH MAST	30	2	**	W	EF	4	4	M-C-II	400	N.A.	400/240
143+868.3 (I-74 EB)	218.0 R	HIGH MAST	30	2	**	W	EF	3	4	M-C-II	400	N.A.	400/240
143+938.6 (I-74 EB)	40.3 R	HIGH MAST	30	2	**	W	EF	1	4	M-C-II	400	N.A.	400/240
143+989.7 (I-74 EB)	110.6 R	HIGH MAST	30	2	**	W	EF	2	8	M-C-II	400	N.A.	400/240
144+092.0 (I-74 EB)	63.0 R	HIGH MAST	30	2	**	W	EF	6	4	M-C-II	400	N.A.	400/240

- * FOR TYPE 1 FOUNDATION DETAILS SEE SHEET #49
FOR TYPE 2 FOUNDATION DETAILS SEE SHEET #50
- ** FOR TYPE 1 FOUNDATION DEPTHS SEE SHEET #49
FOR TYPE 2 FOUNDATION DEPTHS SEE SHEET #51

LIGHTING SHEET 6 OF 64

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

POLE AND LUMINAIRE SCHEDULE

DRAWN BY DJK

DATE: 11/12/04

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205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

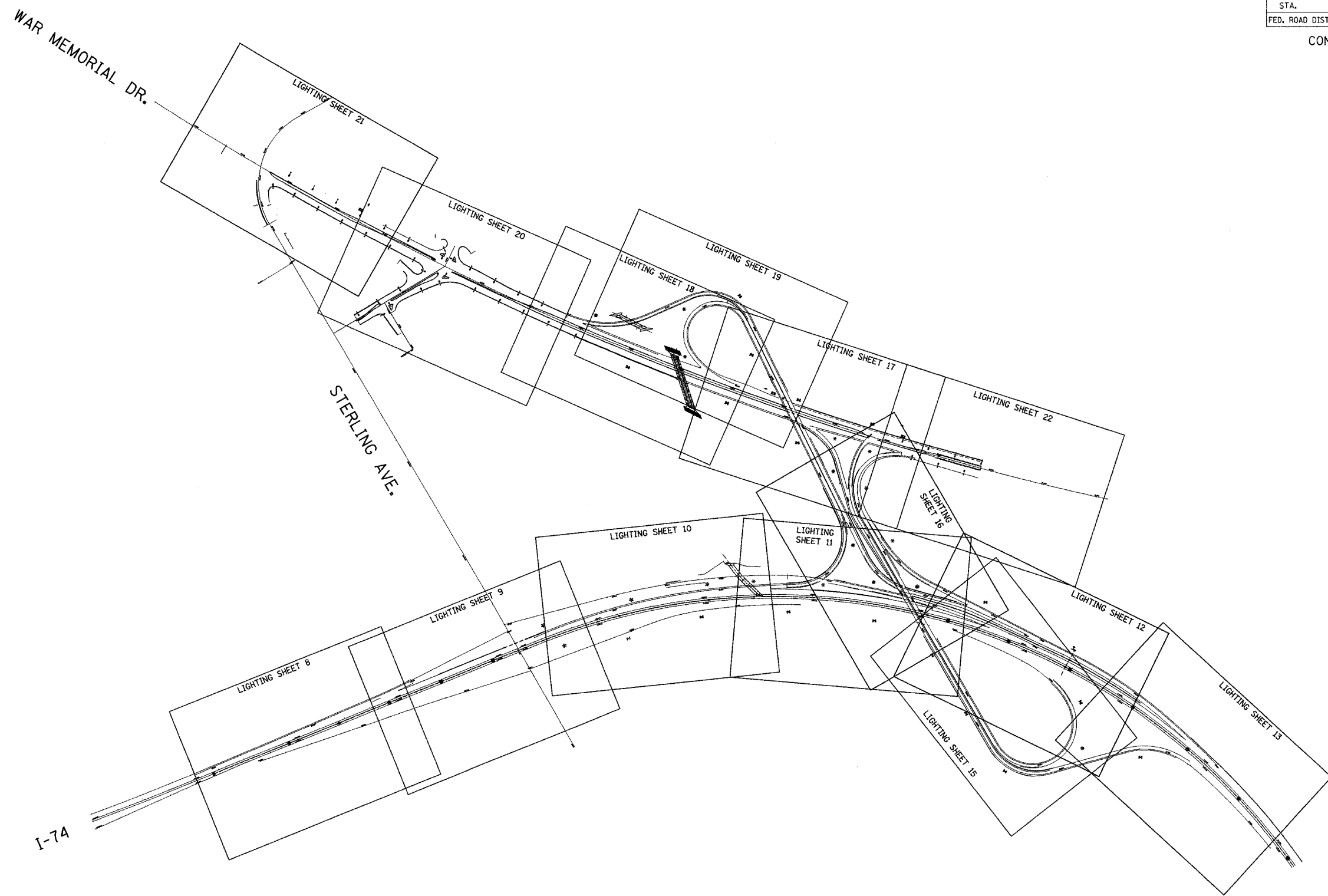
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11/12/2004

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1191
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200



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LIGHTING SHEET 7 OF 64

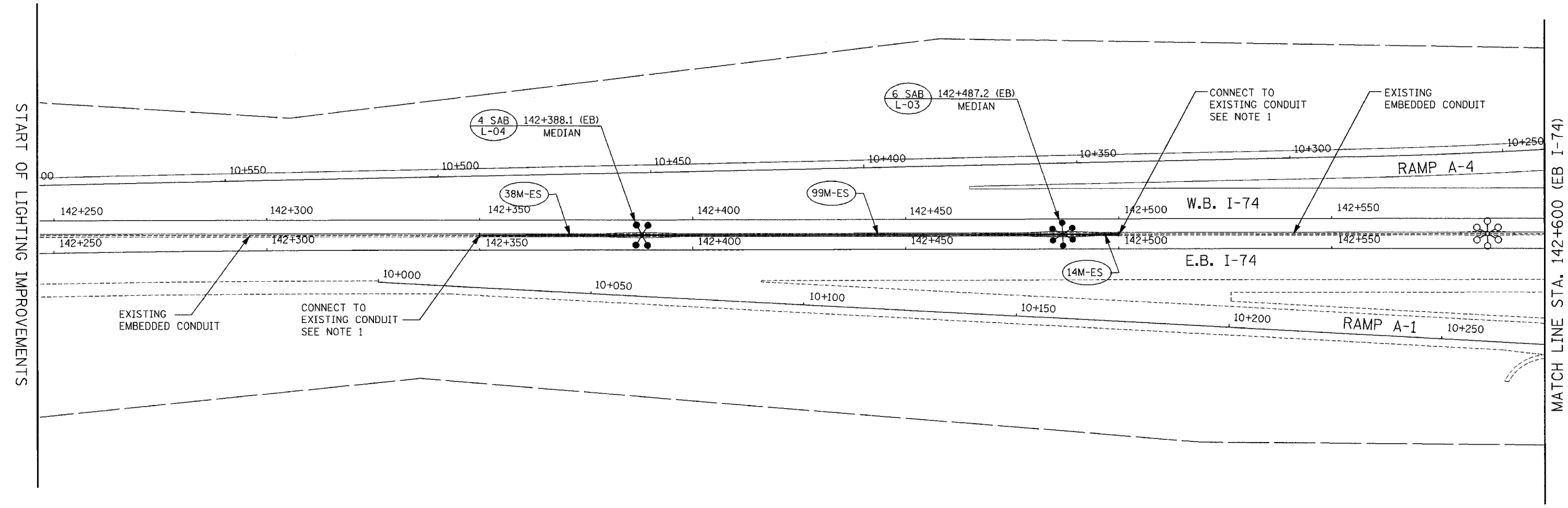
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED LIGHTING PLAN
 PLAN SHEET OVERVIEW
 DRAWN BY DJK
 CHECKED BY MKR
 DATE: 11/12/04

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1192
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200



STREET LIGHTING - BILL OF MATERIAL THIS SHEET

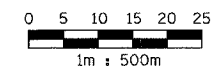
PAY ITEM	UNIT	QUANTITY
CONDUIT EMBEDDED IN STRUCTURE, 75MM DIA. PVC	METER	151.0
LIGHT TOWER FOUNDATION (SPECIAL)	METER	12.5
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	10
LIGHT TOWER, INSTALL ONLY	EACH	2

LENGTH IN METERS

- ES: EMBEDDED IN STRUCTURE
- T: TRENCH
- P: PUSHED
- CT: COMMON TRENCH
- CTT: COMMON TRENCH WITH TRAFFIC SIGNAL CONDUIT (TRENCH AND BACKFILL BY TRAFFIC SIGNAL CONTRACTOR)

PROPOSED CONDUIT CALL-OUT

NOTE:
1. USE CONDUIT COUPLING TO CONNECT PROPOSED CONDUIT TO EXISTING CONDUIT. COST OF CONNECTION SHALL BE INCLUDED IN "CONDUIT EMBEDDED IN STRUCTURE, 75mm DIA. PVC" PAY ITEM.



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REVISIONS	
NAME	DATE

LIGHTING SHEET 8 OF 64

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-74
STA. 142+250 TO STA. 142+600

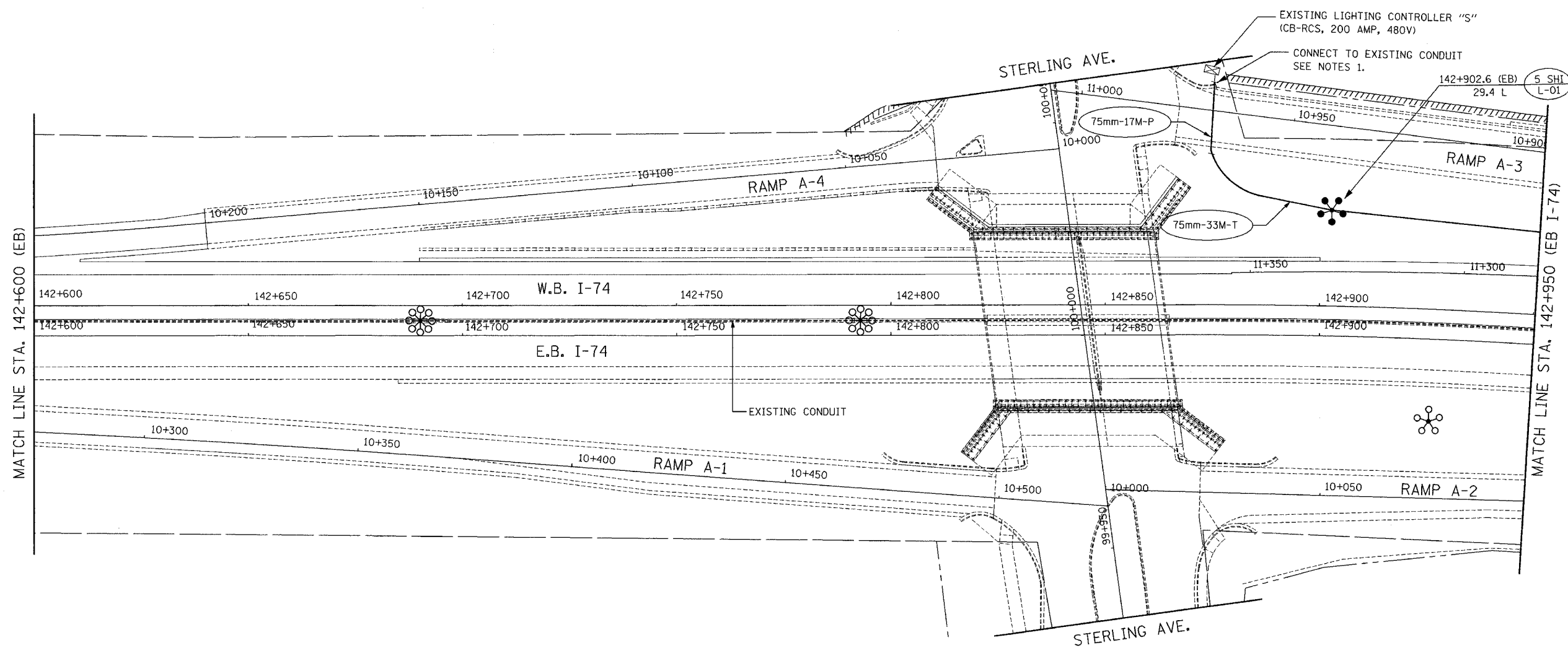
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	1193
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200



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STREET LIGHTING - BILL OF MATERIAL THIS SHEET

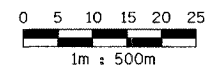
PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	33.0
CONDUIT PUSHED, 75MM DIA., PVC	METER	17.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	33.0
LIGHT TOWER FOUNDATION	METER	7.6
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	5
LIGHT TOWER, INSTALL ONLY	EACH	1

- LENGTH IN METERS
- ES: EMBEDDED IN STRUCTURE
 - T: TRENCH
 - P: PUSHED
 - CT: COMMON TRENCH
 - CTT: COMMON TRENCH WITH TRAFFIC SIGNAL CONDUIT (TRENCH AND BACKFILL BY TRAFFIC SIGNAL CONTRACTOR)

PROPOSED CONDUIT CALL-OUT

NOTE:

- USE CONDUIT COUPLING TO CONNECT PROPOSED TO EXISTING CONDUIT. COST TO BE INCLUDED IN "CONDUIT PUSHED, 75mm DIA., PVC" PAY ITEM.



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REVISIONS	
NAME	DATE

LIGHTING SHEET 9 OF 64

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED LIGHTING PLAN
I-74
STA. 142+600 TO STA. 142+950

DATE: 11/12/04
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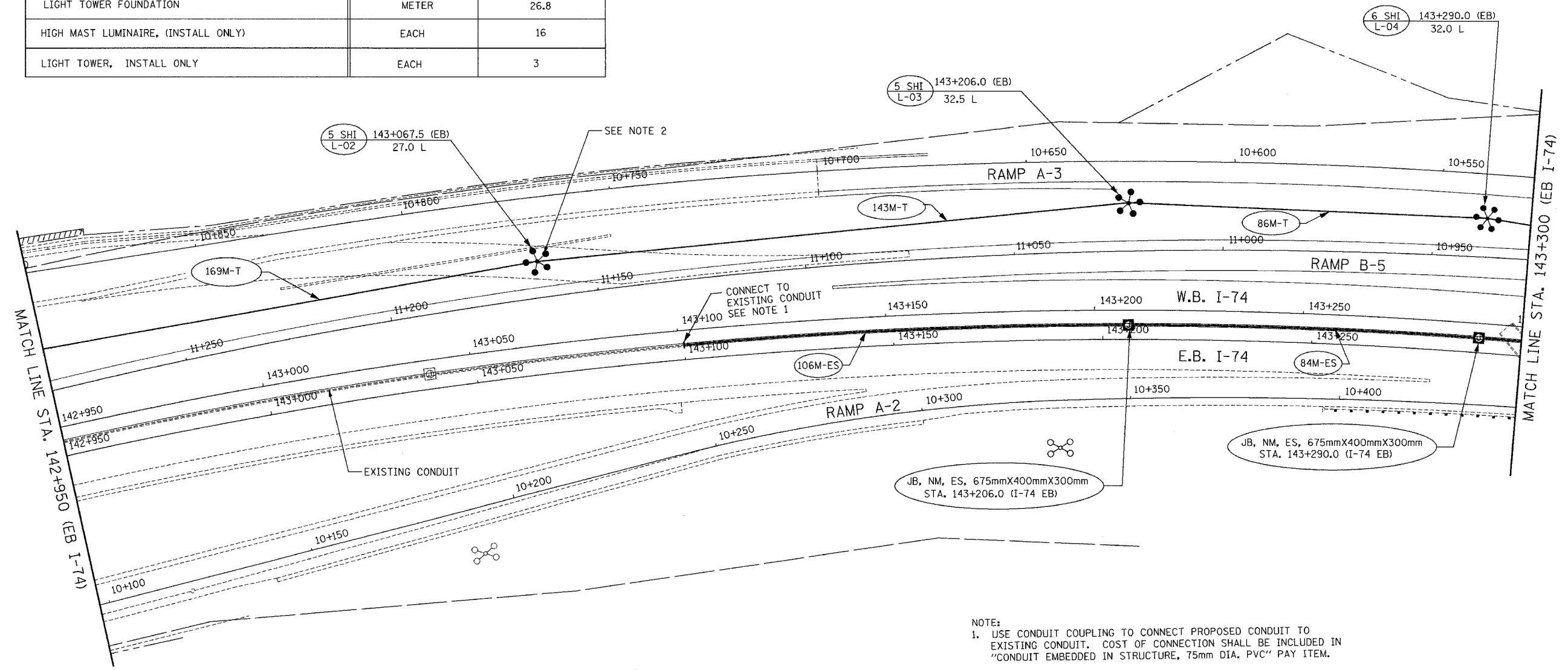
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1194
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

STREET LIGHTING - BILL OF MATERIAL THIS SHEET

PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	398.0
CONDUIT EMBEDDED IN STRUCTURE, 75MM DIA. PVC	METER	190.0
JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 675MM X400MM X300MM	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	398.0
LIGHT TOWER FOUNDATION	METER	26.8
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	16
LIGHT TOWER, INSTALL ONLY	EACH	3

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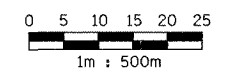


LENGTH IN METERS

- ES: EMBEDDED IN STRUCTURE
- T: TRENCH
- P: PUSHED
- CT: COMMON TRENCH
- CTT: COMMON TRENCH WITH TRAFFIC SIGNAL CONDUIT (TRENCH AND BACKFILL BY TRAFFIC SIGNAL CONTRACTOR)

PROPOSED CONDUIT CALL-OUT

- NOTE:
- USE CONDUIT COUPLING TO CONNECT PROPOSED CONDUIT TO EXISTING CONDUIT. COST OF CONNECTION SHALL BE INCLUDED IN "CONDUIT EMBEDDED IN STRUCTURE, 75mm DIA. PVC" PAY ITEM.
 - LIGHT TOWER SHALL BE INSTALLED AFTER THE REMOVAL OF TEMPORARY PAVEMENT AT THE END OF CONSTRUCTION STAGE 3.



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REVISIONS	
NAME	DATE

LIGHTING SHEET 10 OF 64

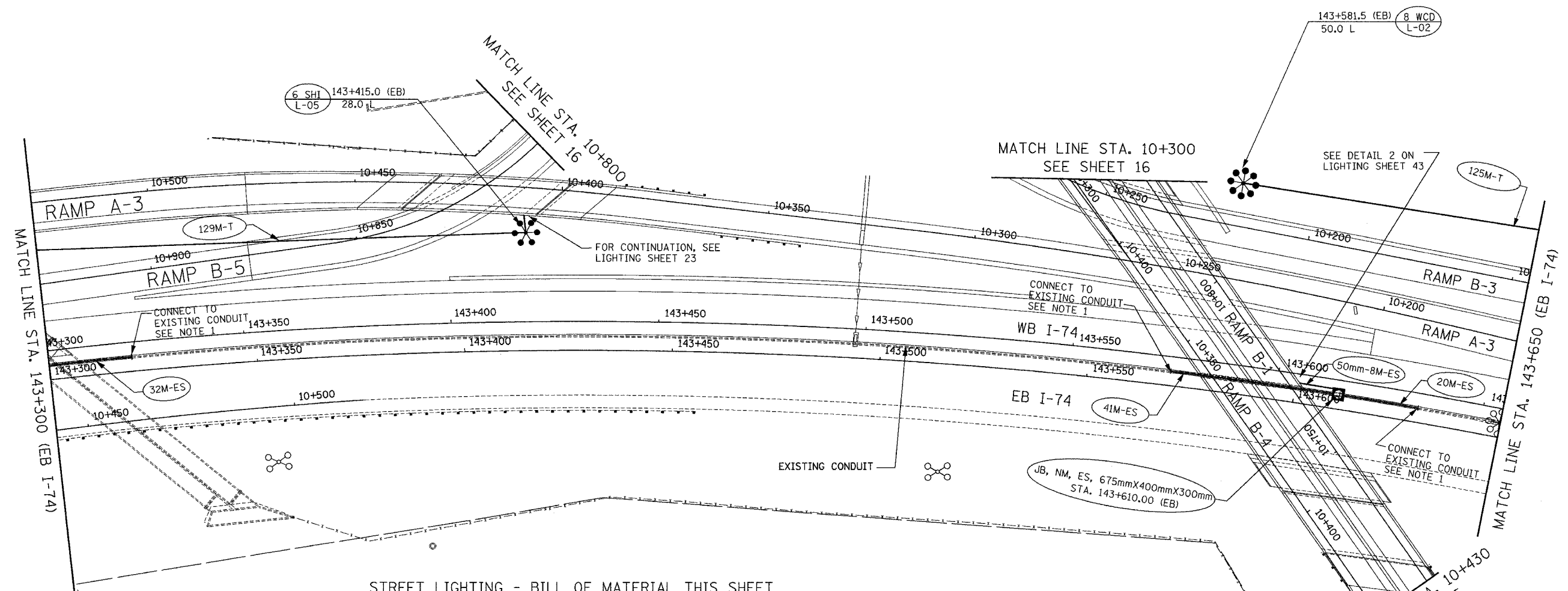
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED LIGHTING PLAN
 I-74
 STA. 142+950 TO STA. 143+300

DATE: 11/12/04
 DRAWN BY DJK
 CHECKED BY MKR

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	1195
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

NOTE:
 1. USE CONDUIT COUPLING TO CONNECT PROPOSED CONDUIT TO EXISTING CONDUIT. COST OF CONNECTION SHALL BE INCLUDED IN "CONDUIT EMBEDDED IN STRUCTURE, 75mm DIA. PVC" PAY ITEM.

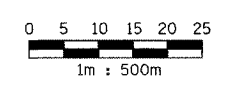


STREET LIGHTING - BILL OF MATERIAL THIS SHEET

PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	254.0
CONDUIT EMBEDDED IN STRUCTURE, 50MM DIA. PVC	METER	8.0
CONDUIT EMBEDDED IN STRUCTURE, 75MM DIA. PVC	METER	93.0
JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 675MM X 400MM X 300MM	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	254.0
LIGHT TOWER FOUNDATION	METER	13.3
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	14
LIGHT TOWER, INSTALL ONLY	EACH	2

LENGTH IN METERS
 ES: EMBEDDED IN STRUCTURE
 T: TRENCH
 P: PUSHED
 CT: COMMON TRENCH
 CTT: COMMON TRENCH WITH TRAFFIC SIGNAL CONDUIT (TRENCH AND BACKFILL BY TRAFFIC SIGNAL CONTRACTOR)

PROPOSED CONDUIT CALL-OUT



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REVISIONS	
NAME	DATE

LIGHTING SHEET 11 OF 64
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED LIGHTING PLAN
 I-74
 STA. 143+300 TO STA. 143+650
 DATE: 11/12/04
 DRAWN BY DJK
 CHECKED BY MKR

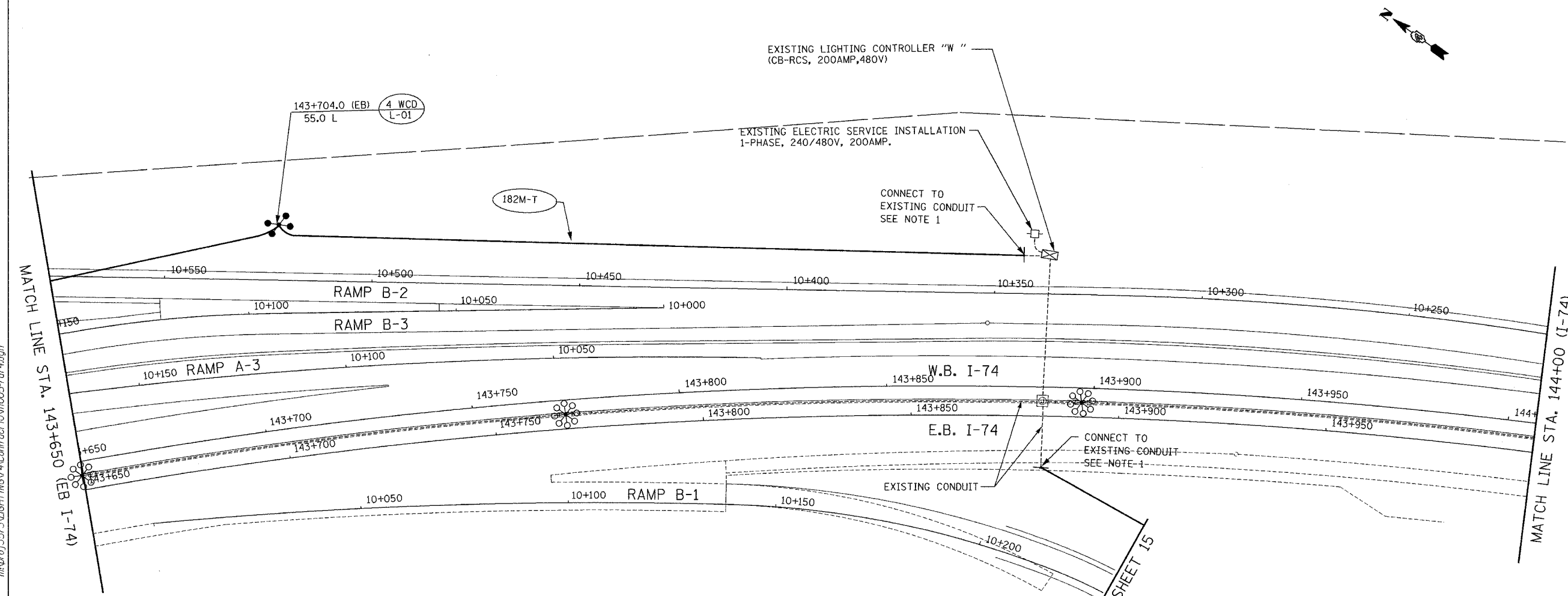
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1196
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200



STREET LIGHTING - BILL OF MATERIAL THIS SHEET

PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	182.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	182.0
LIGHT TOWER FOUNDATION	METER	5.5
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	4
LIGHT TOWER, INSTALL ONLY	EACH	1

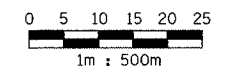
LENGTH IN METERS

- ES: EMBEDDED IN STRUCTURE
- T: TRENCH
- P: PUSHED
- CT: COMMON TRENCH
- CTT: COMMON TRENCH WITH TRAFFIC SIGNAL CONDUIT (TRENCH AND BACKFILL BY TRAFFIC SIGNAL CONTRACTOR)

PROPOSED CONDUIT CALL-OUT

NOTE:
1. USE CONDUIT COUPLING TO CONNECT PROPOSED CONDUIT TO EXISTING CONDUIT. COST OF CONNECTION SHALL BE INCLUDED IN "CONDUIT IN TRENCH, 75mm DIA., PVC" PAY ITEM.

LIGHTING SHEET 12 OF 64



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED LIGHTING PLAN
I-74
STA. 143+650 TO STA. 144+000
DRAWN BY DJK
CHECKED BY MKR
DATE: 11/12/04

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STREET LIGHTING - BILL OF MATERIAL THIS SHEET

PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	110.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	110.0
LIGHT TOWER FOUNDATION	METER	5.5
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	4
LIGHT TOWER, INSTALL ONLY	EACH	1

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1197
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

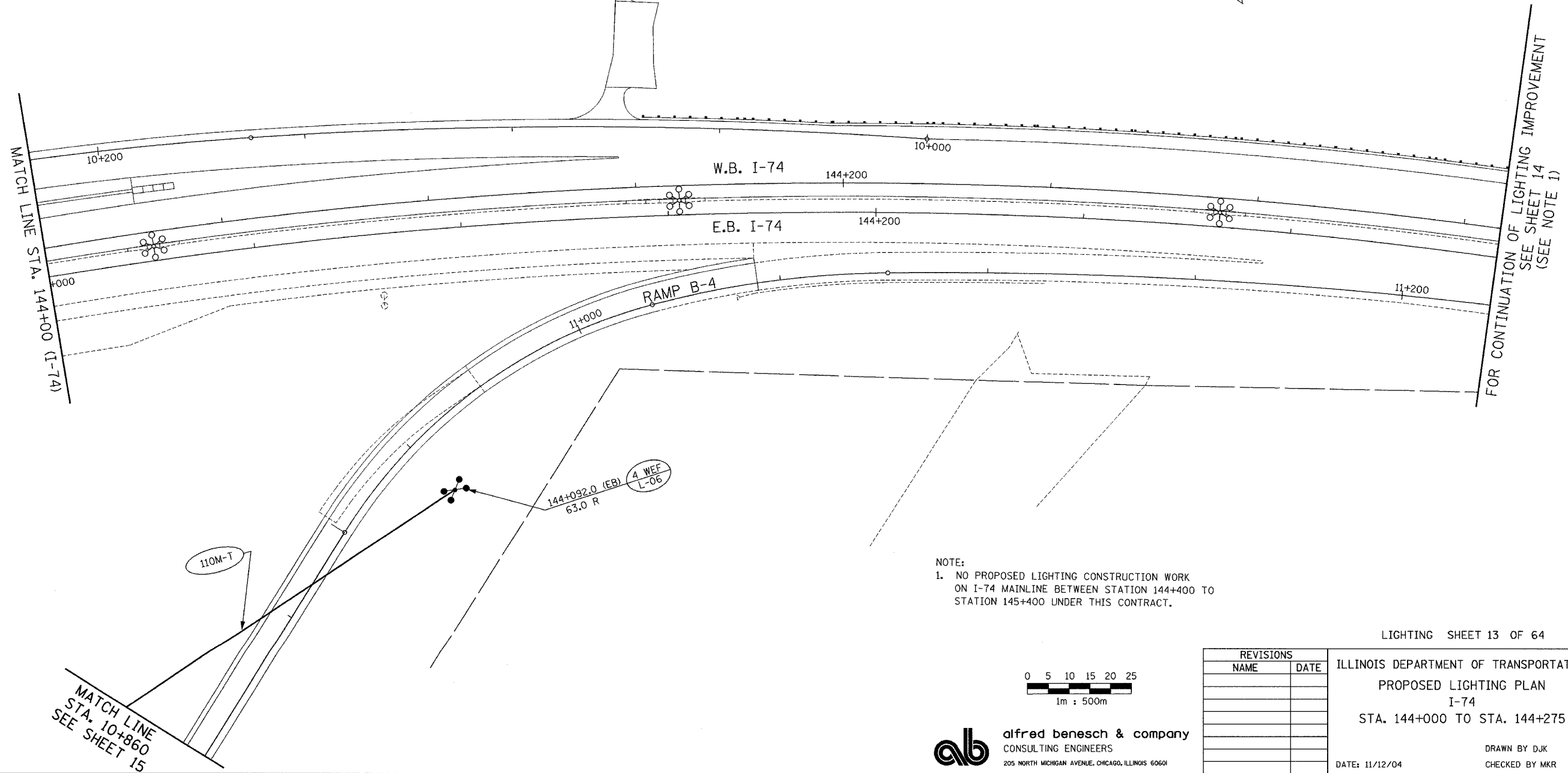
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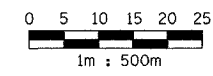
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NOTE:
 1. NO PROPOSED LIGHTING CONSTRUCTION WORK ON I-74 MAINLINE BETWEEN STATION 144+400 TO STATION 145+400 UNDER THIS CONTRACT.



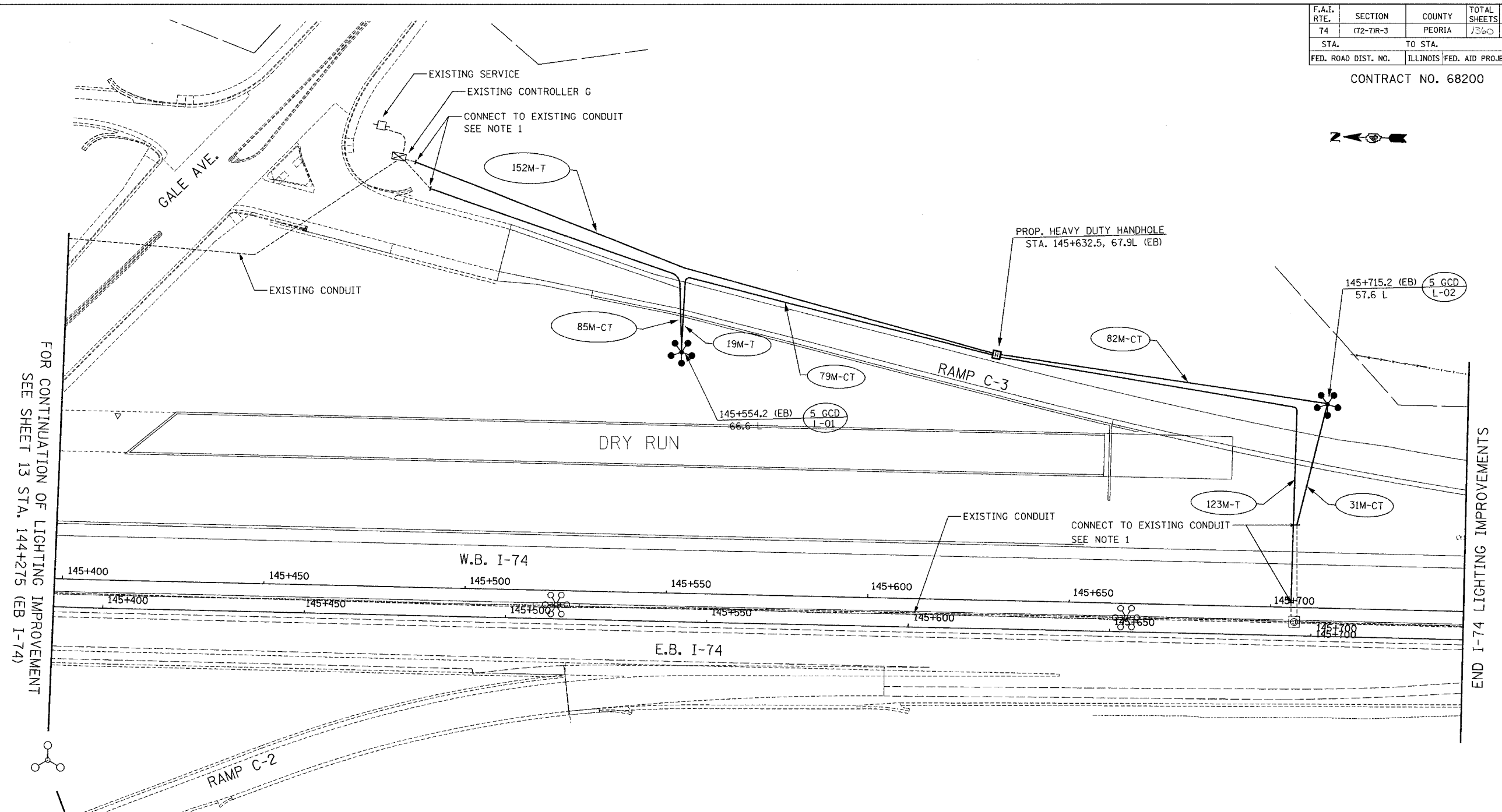
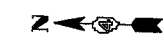
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REVISIONS	
NAME	DATE

LIGHTING SHEET 13 OF 64
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED LIGHTING PLAN
 I-74
 STA. 144+000 TO STA. 144+275
 DRAWN BY DJK
 CHECKED BY MKR
 DATE: 11/12/04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1199
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 68200



FOR CONTINUATION OF LIGHTING IMPROVEMENT SEE SHEET 13 STA. 144+275 (EB I-74)

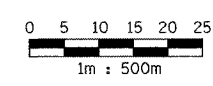
END I-74 LIGHTING IMPROVEMENTS

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STREET LIGHTING - BILL OF MATERIAL THIS SHEET

PAY ITEM	UNIT	QUANTITY
CONCRETE HEAVY-DUTY HANDHOLE	EACH	1
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	571.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	294.0
LIGHT TOWER FOUNDATION	METER	12.0
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	10
LIGHT TOWER, INSTALL ONLY	EACH	2

NOTE 1:
USE CONDUIT COUPLING TO CONNECT PROPOSED CONDUIT TO EXISTING CONDUIT. COST OF CONNECTION SHALL BE INCLUDED IN "CONDUIT IN TRENCH, 75mm, DIA., PVC " PAY ITEM.



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED LIGHTING PLAN
I-74
STA. 145+400 TO STA. 145+750
DRAWN BY DJK
CHECKED BY MKR
DATE: 11/12/04

LIGHTING SHEET 14 OF 64

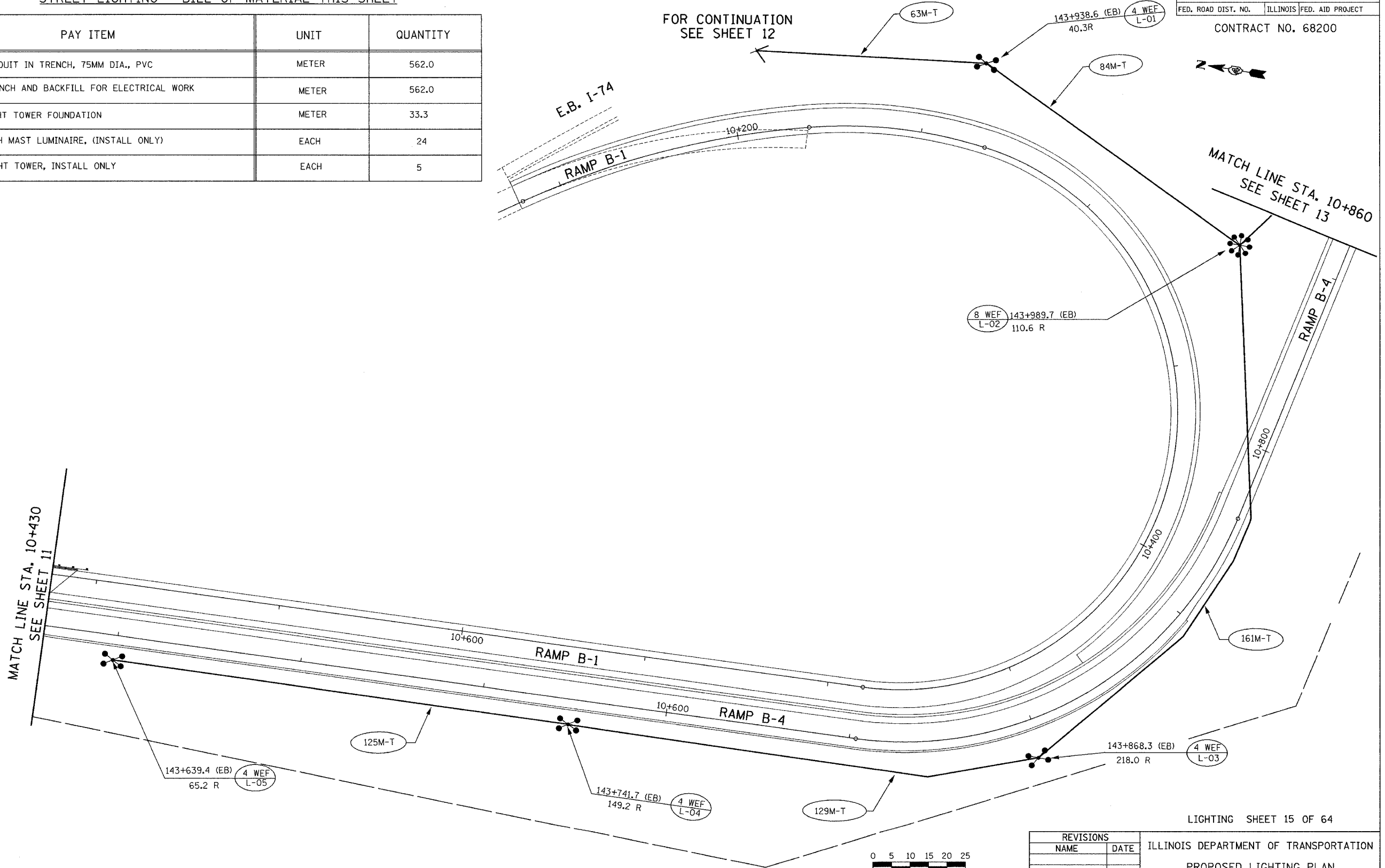
STREET LIGHTING - BILL OF MATERIAL THIS SHEET

PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	562.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	562.0
LIGHT TOWER FOUNDATION	METER	33.3
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	24
LIGHT TOWER, INSTALL ONLY	EACH	5

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	1199
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

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FOR CONTINUATION
SEE SHEET 12

MATCH LINE STA. 10+860
SEE SHEET 13

MATCH LINE STA. 10+430
SEE SHEET 11

LIGHTING SHEET 15 OF 64

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205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED LIGHTING PLAN
WAR MEMORIAL DR. INTERCHANGE
RAMPS B-1 & B-4
DRAWN BY DJK
CHECKED BY MKR
DATE: 11/12/04

STREET LIGHTING - BILL OF MATERIAL THIS SHEET

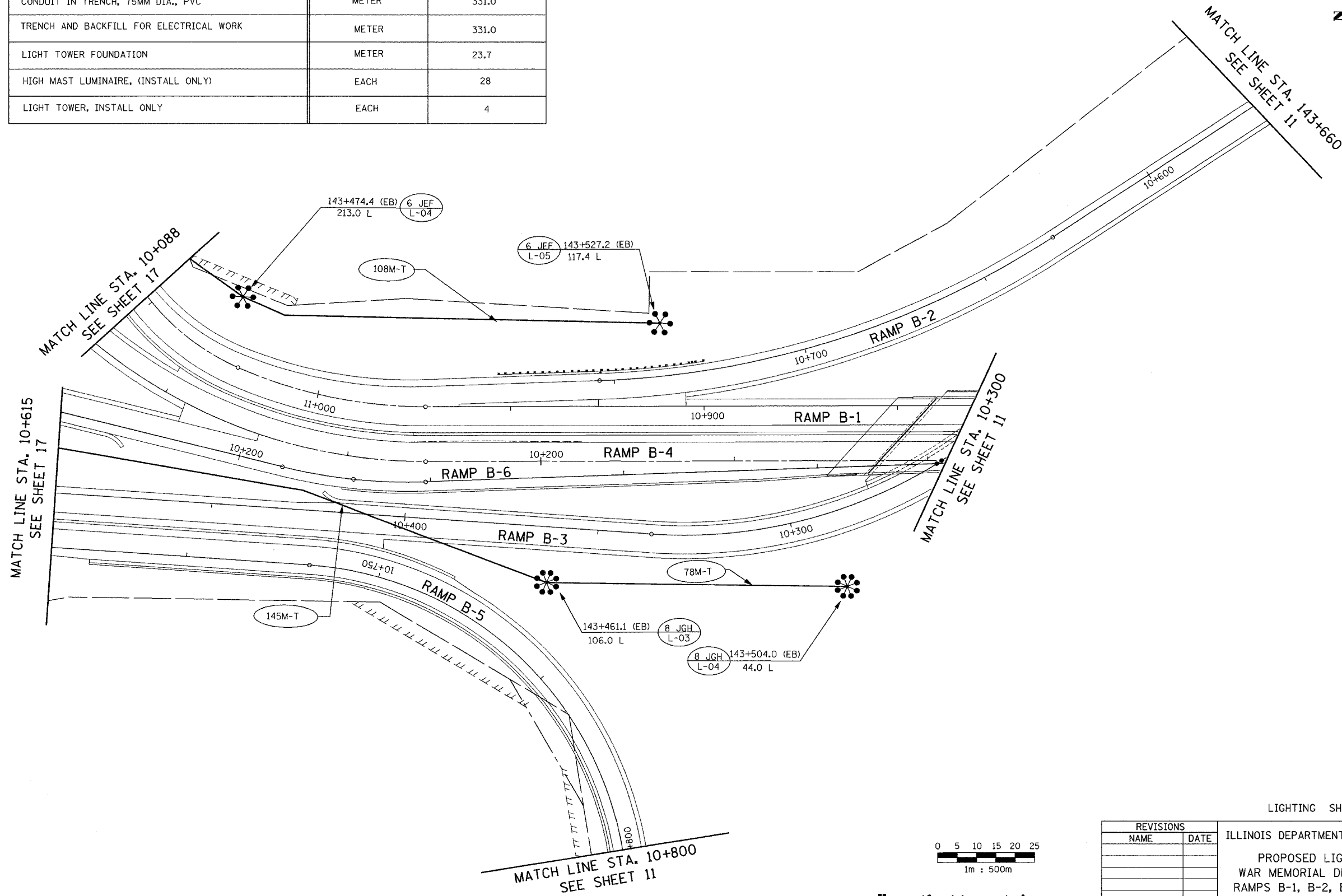
PAY ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	331.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	331.0
LIGHT TOWER FOUNDATION	METER	23.7
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	28
LIGHT TOWER, INSTALL ONLY	EACH	4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1360	1300
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

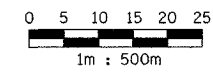
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LIGHTING SHEET 16 OF 64



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 205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
 WAR MEMORIAL DR. INTERCHANGE
 RAMPS B-1, B-2, B-3, B-4, B-5, B-6

DATE: 11/12/04
 DRAWN BY DJK
 CHECKED BY MKR