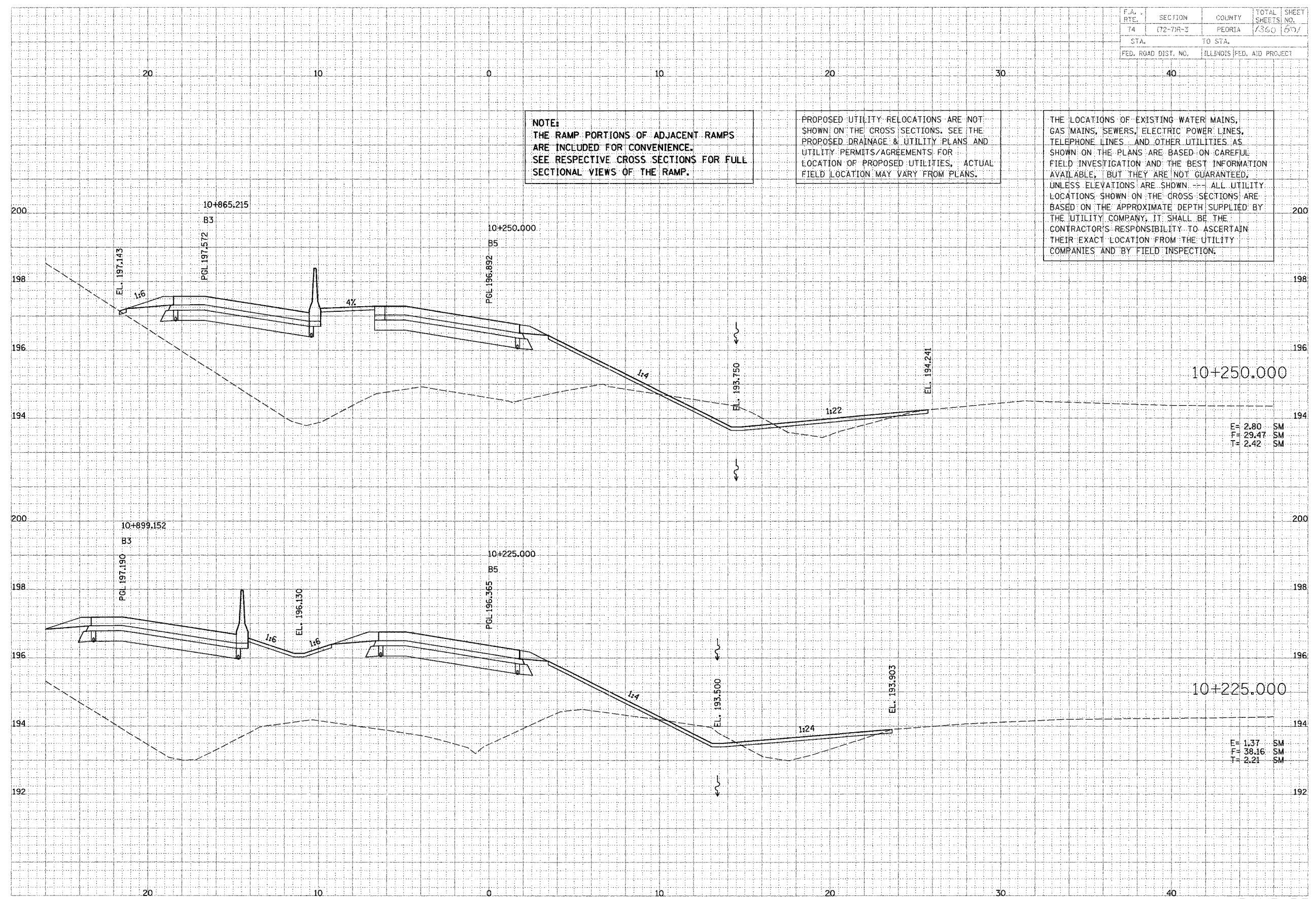


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T4	(72-7)R-3	PEORIA	1360	697
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
NOTED	
APPROVED	
DATE	

PARSONS
TRANSPORTATION GROUP
Engineers and Planners

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
NOTED	
APPROVED	
DATE	



NOTE:
THE RAMP PORTIONS OF ADJACENT RAMP
ARE INCLUDED FOR CONVENIENCE.
SEE RESPECTIVE CROSS SECTIONS FOR FULL
SECTIONAL VIEWS OF THE RAMP.

PROPOSED UTILITY RELOCATIONS ARE NOT
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UNLESS ELEVATIONS ARE SHOWN. ALL UTILITY
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THE UTILITY COMPANY. IT SHALL BE THE
CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN
THEIR EXACT LOCATION FROM THE UTILITY
COMPANIES AND BY FIELD INSPECTION.

E = 2.80 SM
F = 29.47 SM
T = 2.42 SM

E = 1.37 SM
F = 38.16 SM
T = 2.21 SM

RAMP-B5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	FLORIDA	7300	4012
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION

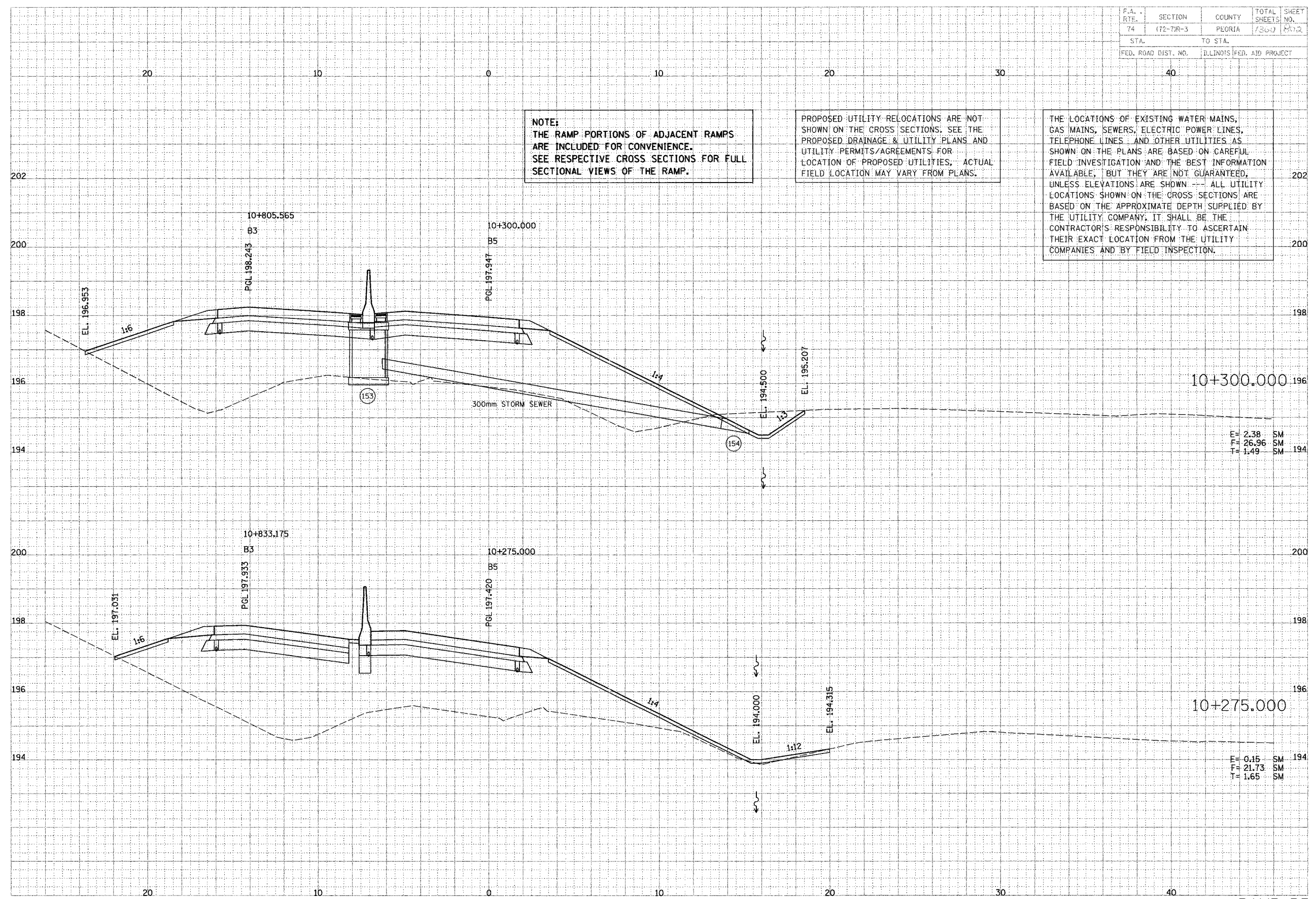
PARSONS TRANSPORTATION GROUP
 Engineers and Planners

DATE	BY	REVISION

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E = 2.38 SM
 F = 26.96 SM
 T = 1.49 SM

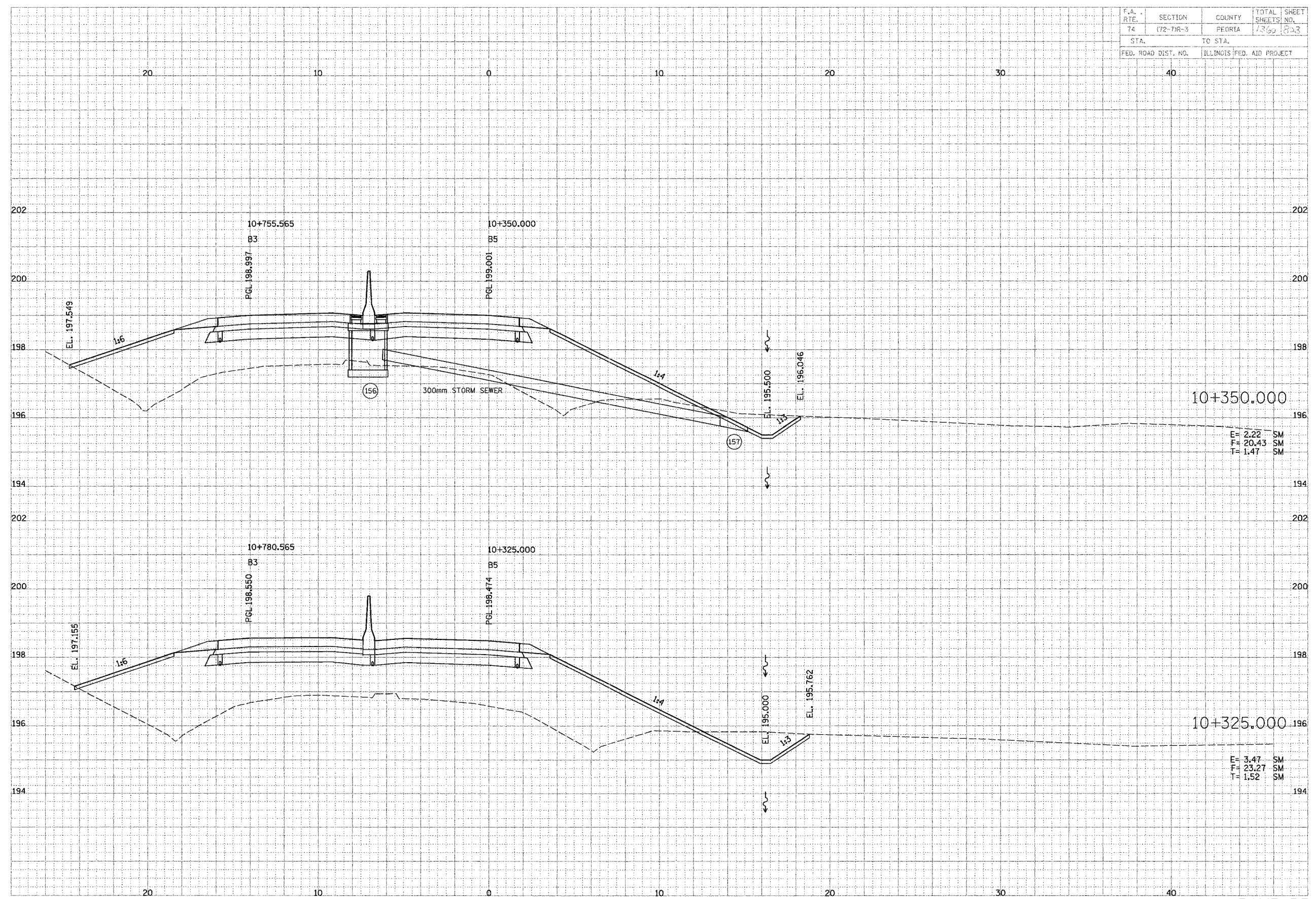
E = 0.15 SM
 F = 21.73 SM
 T = 1.65 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	136	833
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION


PARSONS
 TRANSPORTATION GROUP
 Engineers and Planners

DATE	BY	REVISION



10+350.000

E= 2.22 SM
 F= 20.43 SM
 T= 1.47 SM

10+325.000

E= 3.47 SM
 F= 23.27 SM
 T= 1.52 SM

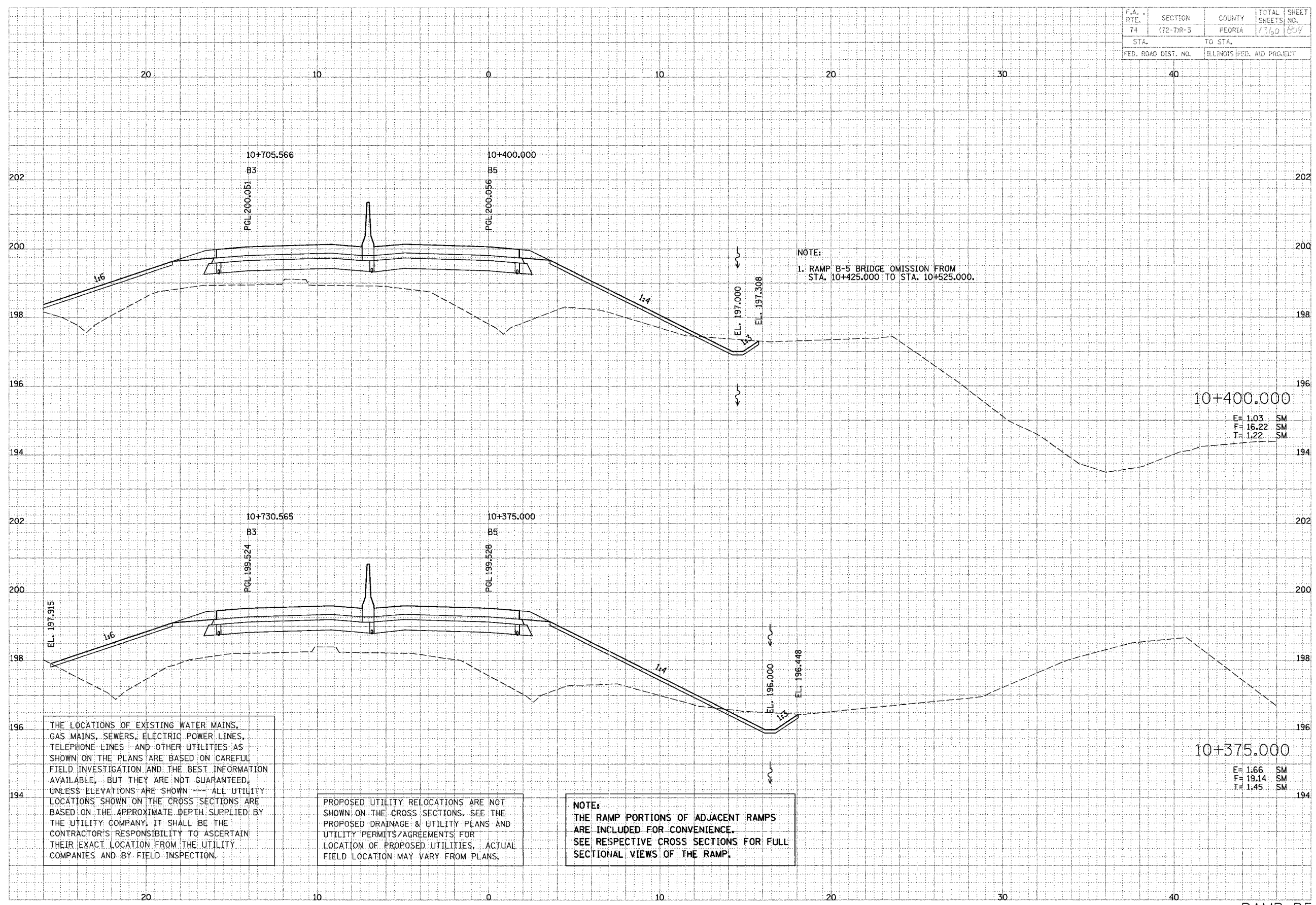
RAMP-B5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1760	879
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
3/27	
FINAL SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS	
REVISIONS	

PARSONS TRANSPORTATION DESIGN
Engineers and Planners

DATE	BY
ORIGINAL SURVEY	
NOTE BOOK	
TEMPLATE	
AREAS	
REVISIONS	



NOTE:
1. RAMP B-5 BRIDGE OMISSION FROM STA. 10+425.000 TO STA. 10+525.000.

10+400.000
E= 1.03 SM
F= 16.22 SM
T= 1.22 SM

10+375.000
E= 1.66 SM
F= 19.14 SM
T= 1.45 SM

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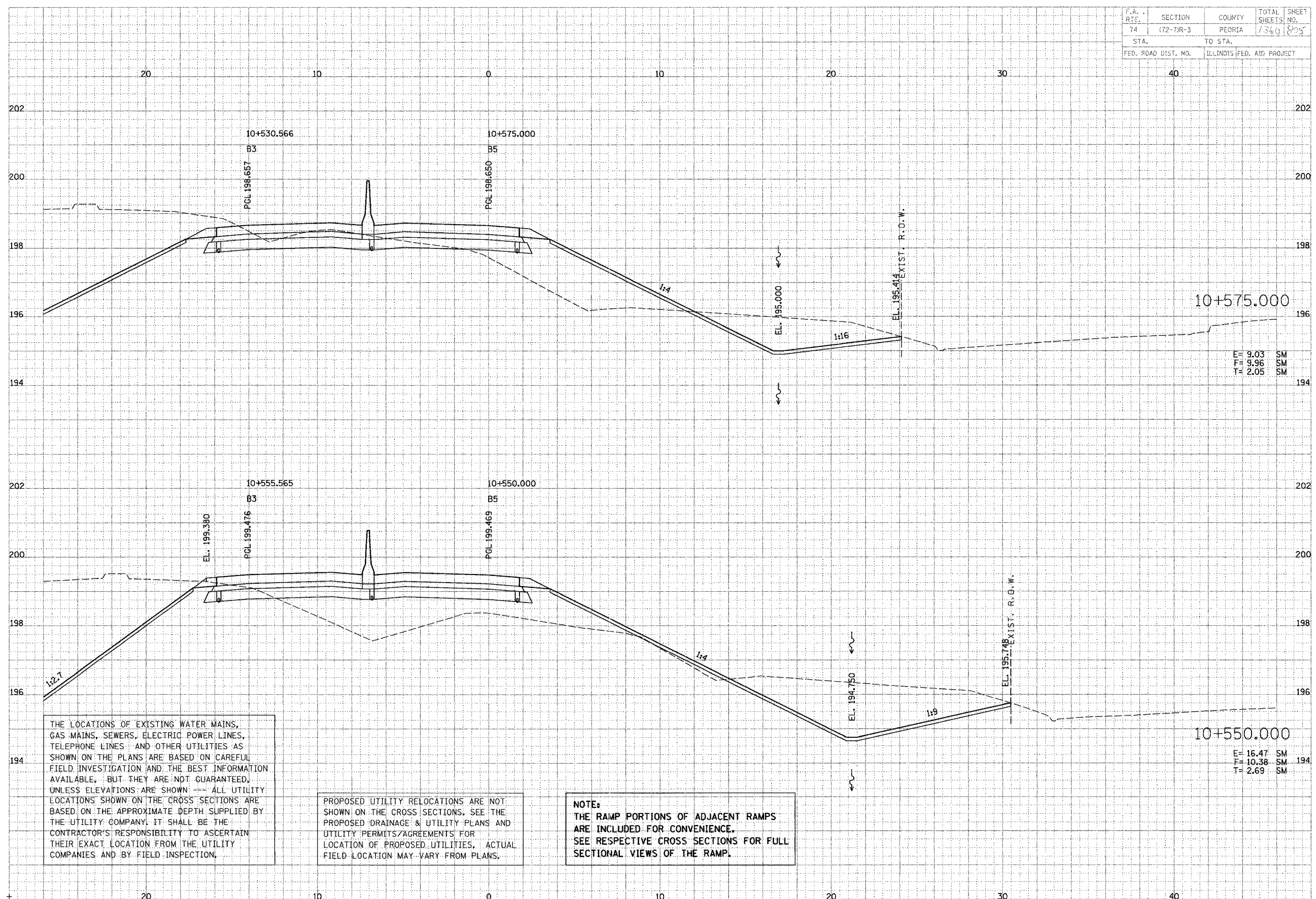
NOTE:
THE RAMP PORTIONS OF ADJACENT RAMP ARE INCLUDED FOR CONVENIENCE. SEE RESPECTIVE CROSS SECTIONS FOR FULL SECTIONAL VIEWS OF THE RAMP.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1340	825
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY

PARSONS TRANSPORTATION GROUP
 Engineers and Planners

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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NOTE:
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-TM-3	PEORIA	1360	806
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.				

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 REVISIONS: _____

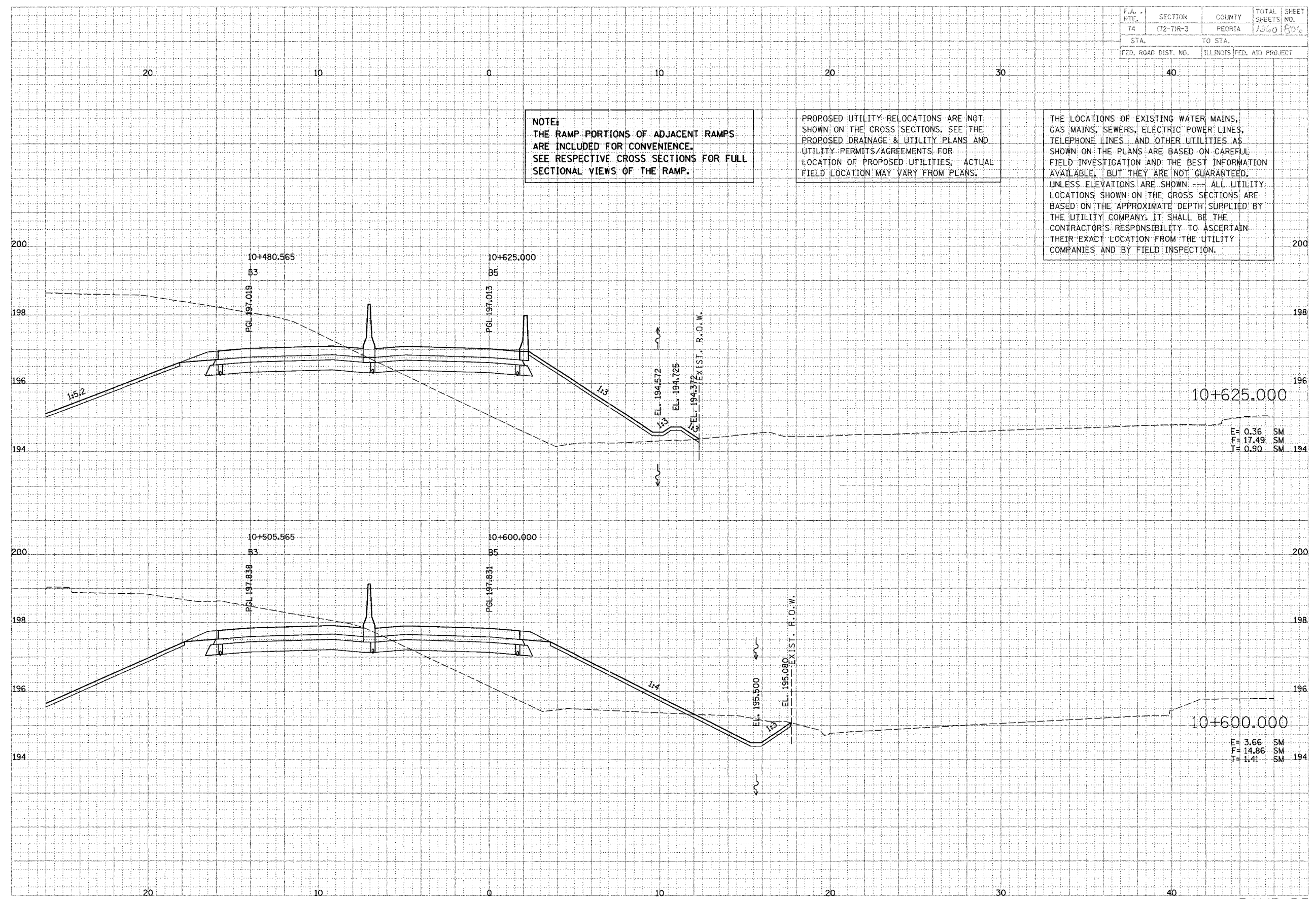
PARSONS
TRANSPORTATION GROUP
 Engineers and Planners

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 REVISIONS: _____

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E = 0.36 SM
 F = 17.49 SM
 T = 0.90 SM

E = 3.66 SM
 F = 14.86 SM
 T = 1.41 SM

RAMP-B5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
74	172-71R-3	PEORIA	1260	007
STA. TO STA.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

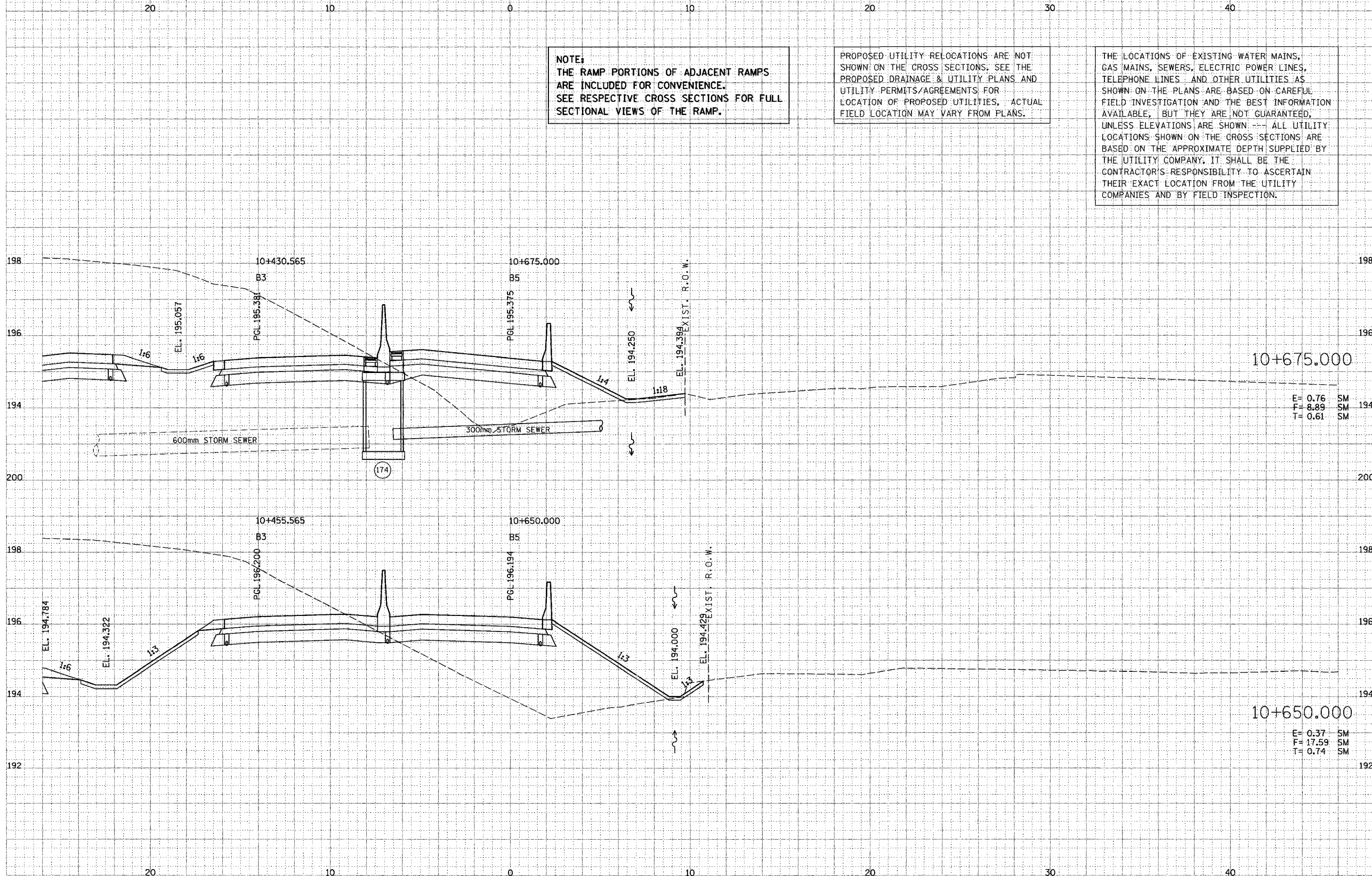
NOTE:
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DATE	
BY	
PREPARED BY	
CHECKED BY	
IN CHARGE	
APPROVED	
NOTE BOOK	

DATE	
BY	
PREPARED BY	
CHECKED BY	
IN CHARGE	
APPROVED	
NOTE BOOK	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1309	1309
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
ASHE ROCK	
TEMPERATURE	
WIND	
MOISTURE	

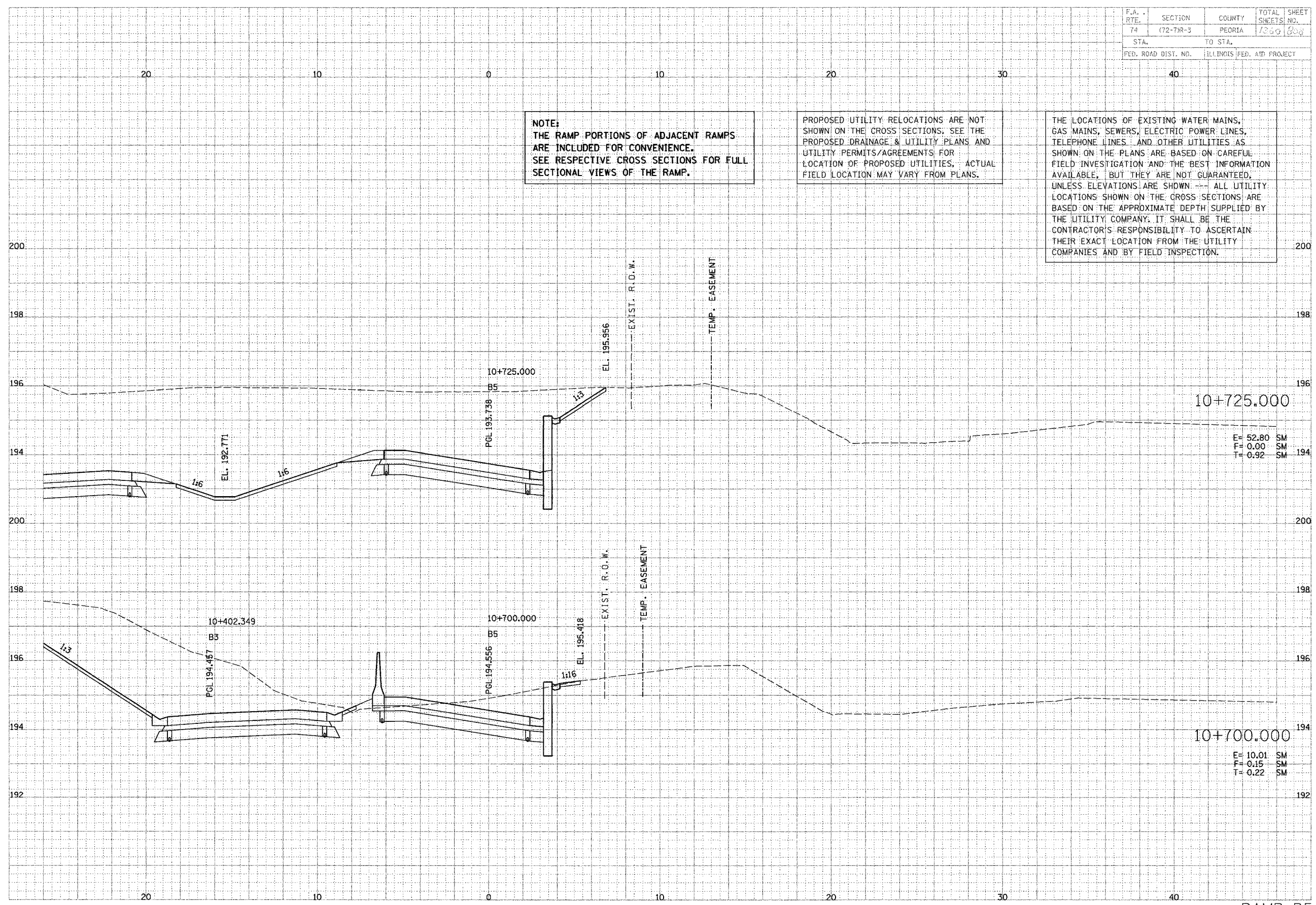
PARSONS TRANSPORTATION GROUP
Engineers and Planners

DESIGNED BY	DATE
SAFETY	
WRITE BOOK	
AREAS	
CHECKED	

NOTE:
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E = 52.80 SM
F = 0.00 SM
T = 0.92 SM

E = 10.01 SM
F = 0.15 SM
T = 0.22 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-74R-3	PEORIA	120	93
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

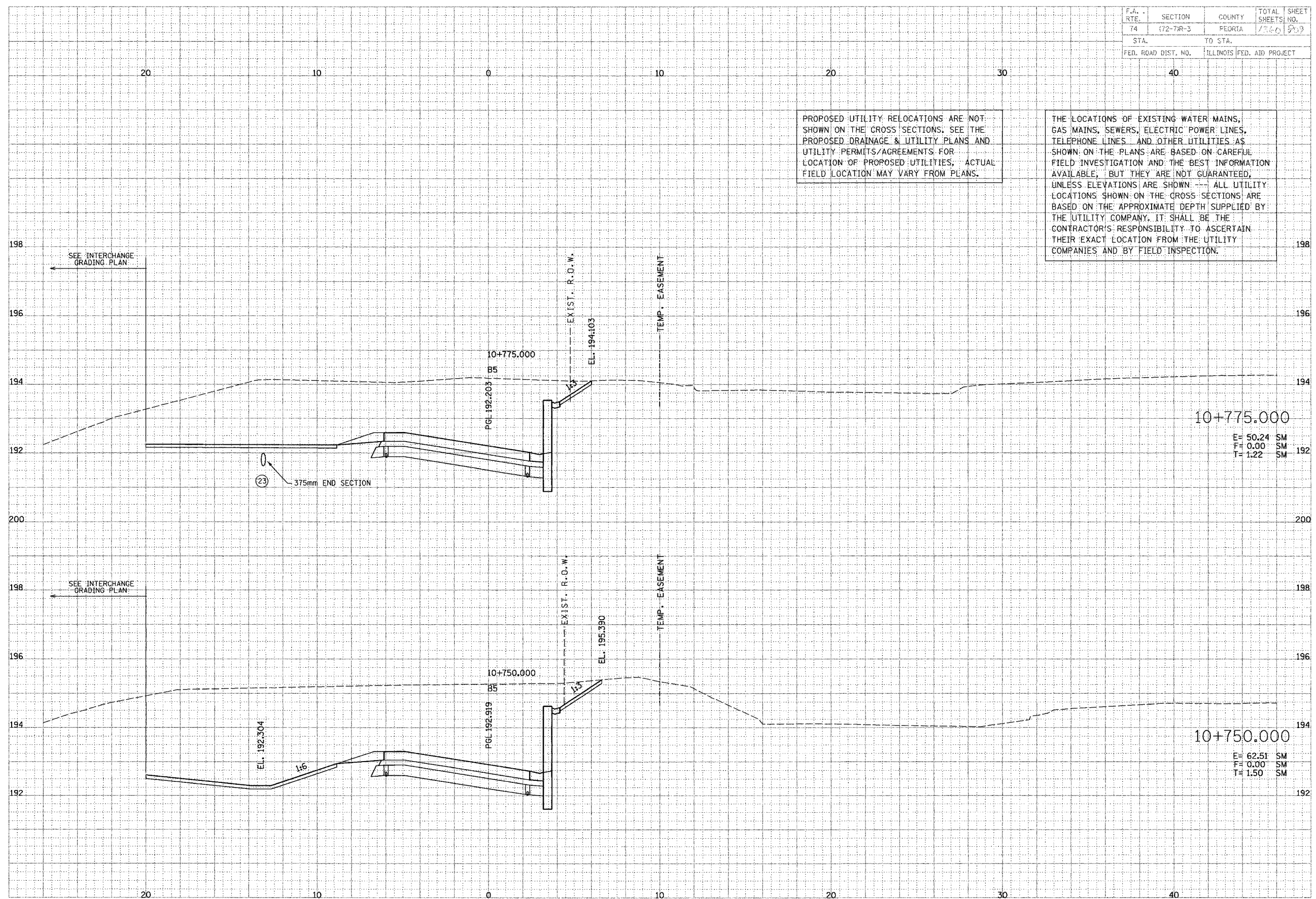
DATE	BY	REVISION

PARSONS TRANSPORTATION GROUP
 Engineers and Planners

DATE	BY	REVISION

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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	772-71R-3	PEORIA	1360	870
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
BY	
REVISION	
DATE	
BY	

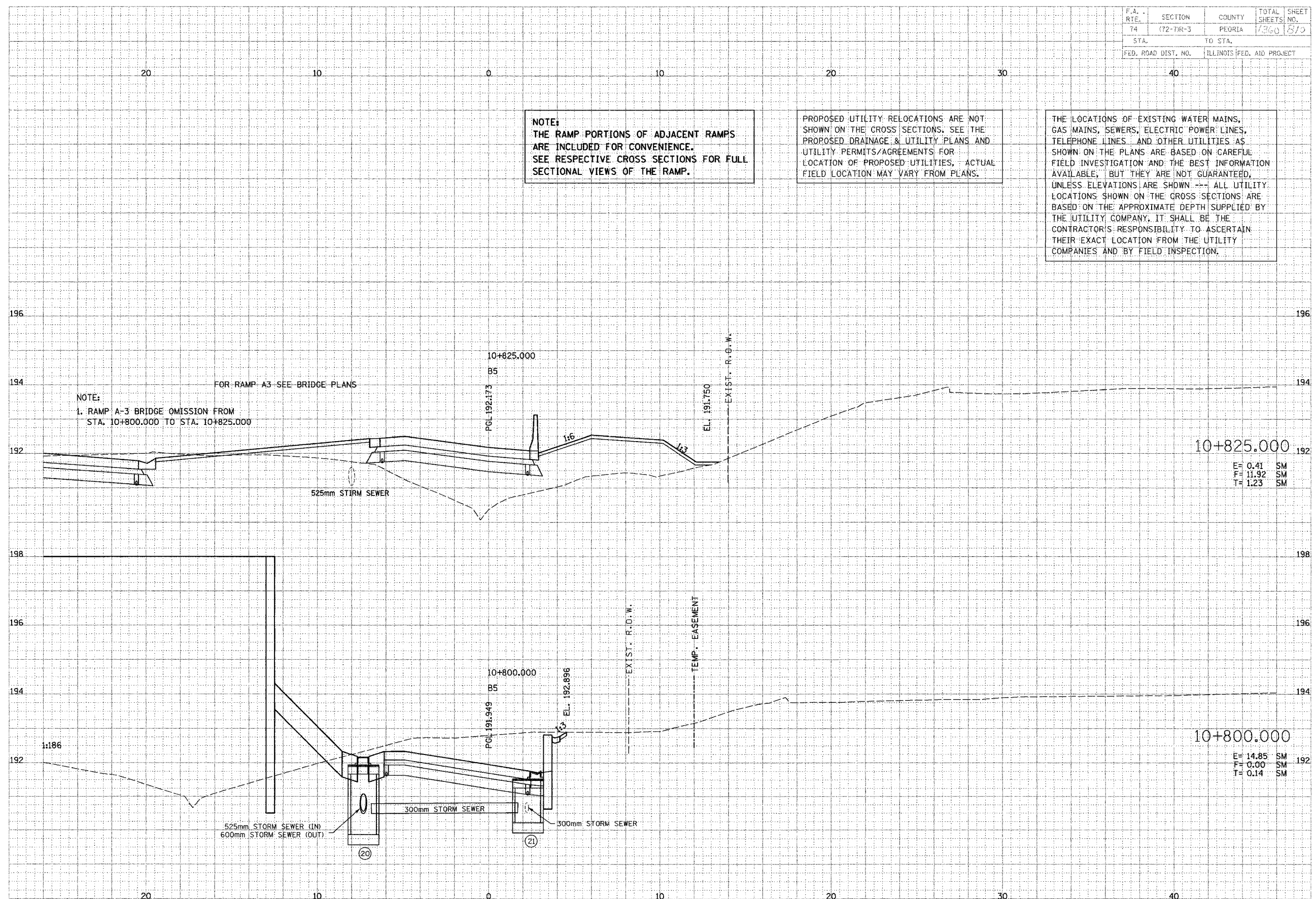
PARSONS
TRANSPORTATION GROUP
Engineers and Planners

PRELIM SURVEY	DATE
BY	
REVISION	
DATE	
BY	

NOTE:
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RAMP-B5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-7R-3	FLORIDA	1366	877
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

NOTE:
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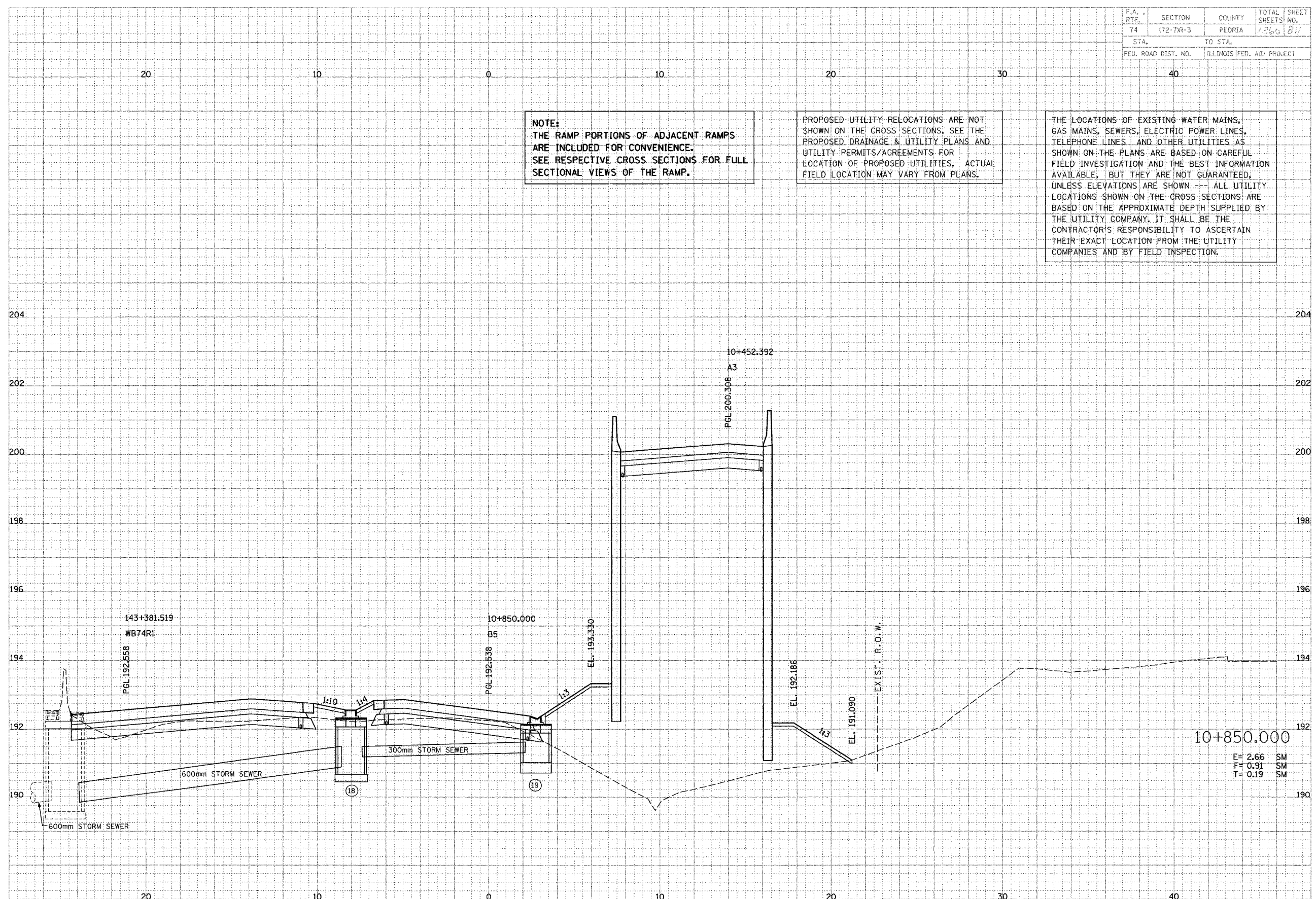
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COMPANIES AND BY FIELD INSPECTION.

FINAL SURVEY	DATE
BY	
NOTED	
DATE	
BY	

PARSONS
TRANSPORTATION ENGINEERS
Engineers and Planners

FINAL SURVEY	DATE
BY	
NOTED	
DATE	
BY	



E= 2.66 SM
F= 0.91 SM
T= 0.19 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-7R-3	PEORIA	1700	612
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOTE:
1. RAMP A-3 BRIDGE OMISSION FROM STA. 10+800.000 TO STA. 10+825.000.

NOTE:
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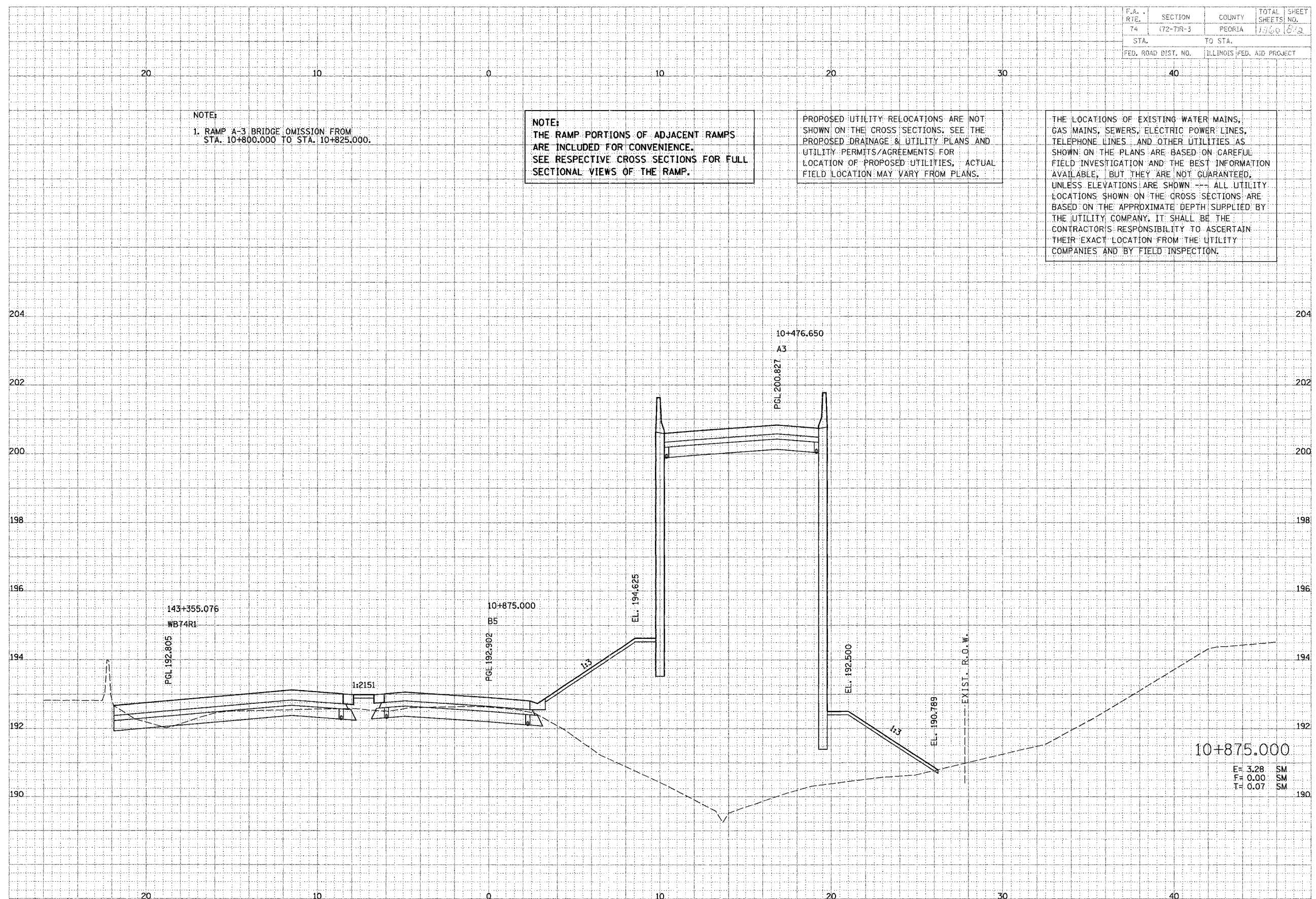
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FINAL SURVEY	DATE
BY	
NOTE BOOK	
AREA	
CHECK	

PARSONS
TRANSPORTATION GROUP
Engineers and Planners

ORIGINAL SURVEY	DATE
BY	
NOTE BOOK	
AREA	
CHECK	



E= 3.28 SM
F= 0.00 SM
T= 0.07 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	813
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY

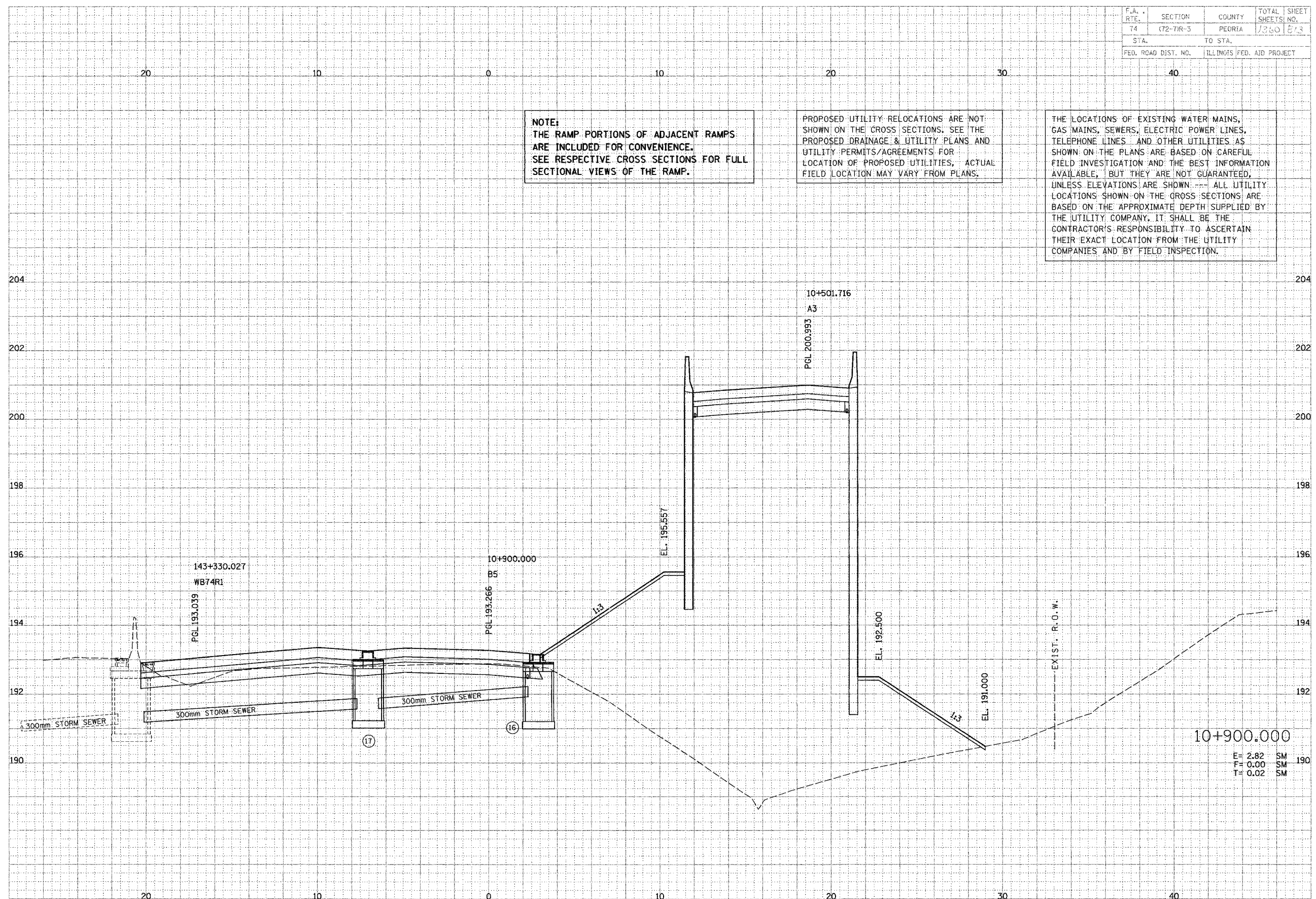
PARSONS
TRANSPORTATION GROUP
Engineers and Planners

DATE	BY
DATE	BY
DATE	BY

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10+900.000
E = 2.82 SM
F = 0.00 SM
T = 0.02 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-77R-3	PEORIA	134	874
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOTE:
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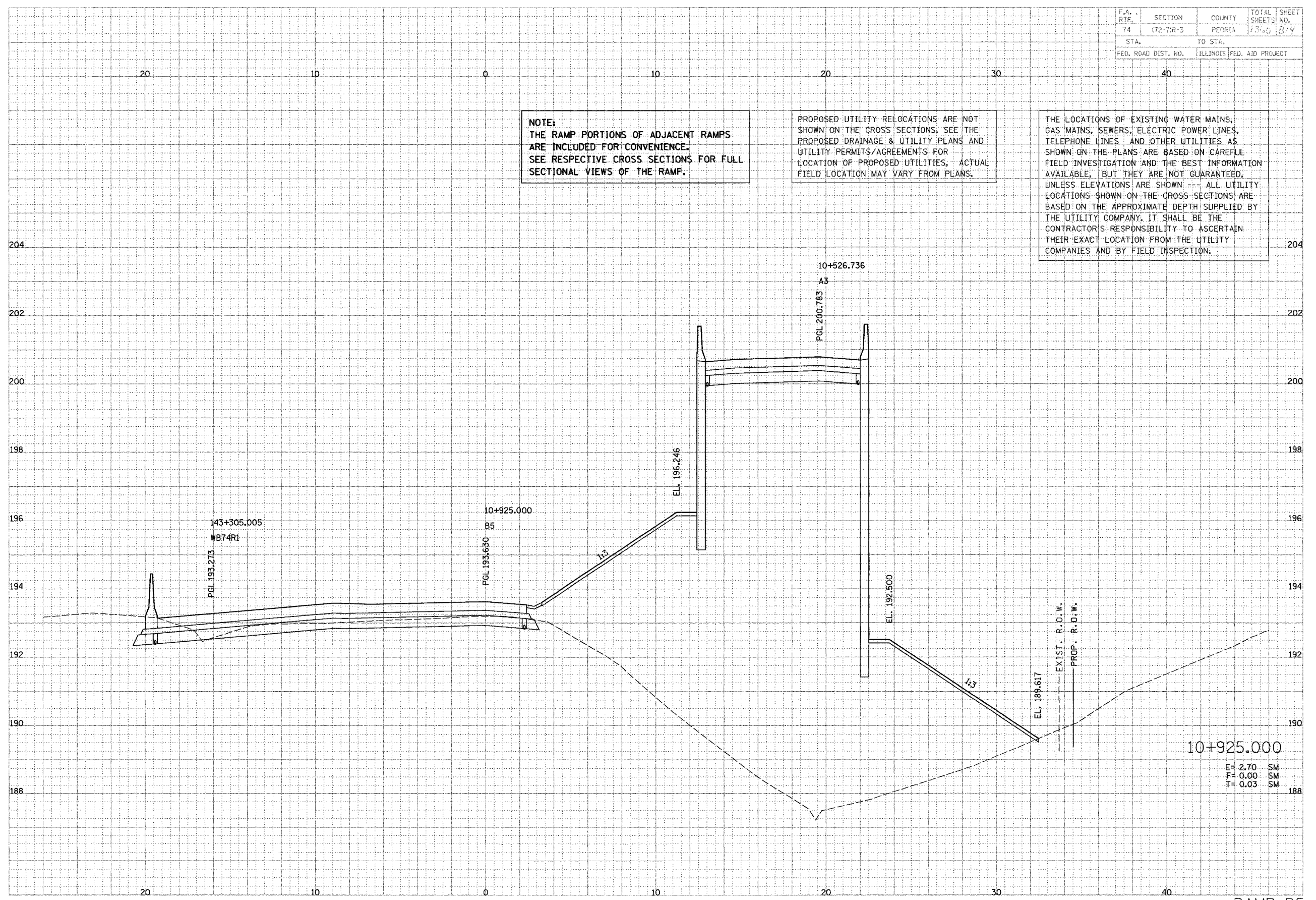
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FINAL	DATE
SURVEY	
NOTE BOOK	
TEMPLATE	
BY	

PAULSON TRANSPORTATION DESIGN
 Engineers and Planners

ORIGINAL	DATE
SURVEY	
NOTE BOOK	
TEMPLATE	
BY	



10+925.000
 E= 2.70 SM
 F= 0.00 SM
 T= 0.03 SM

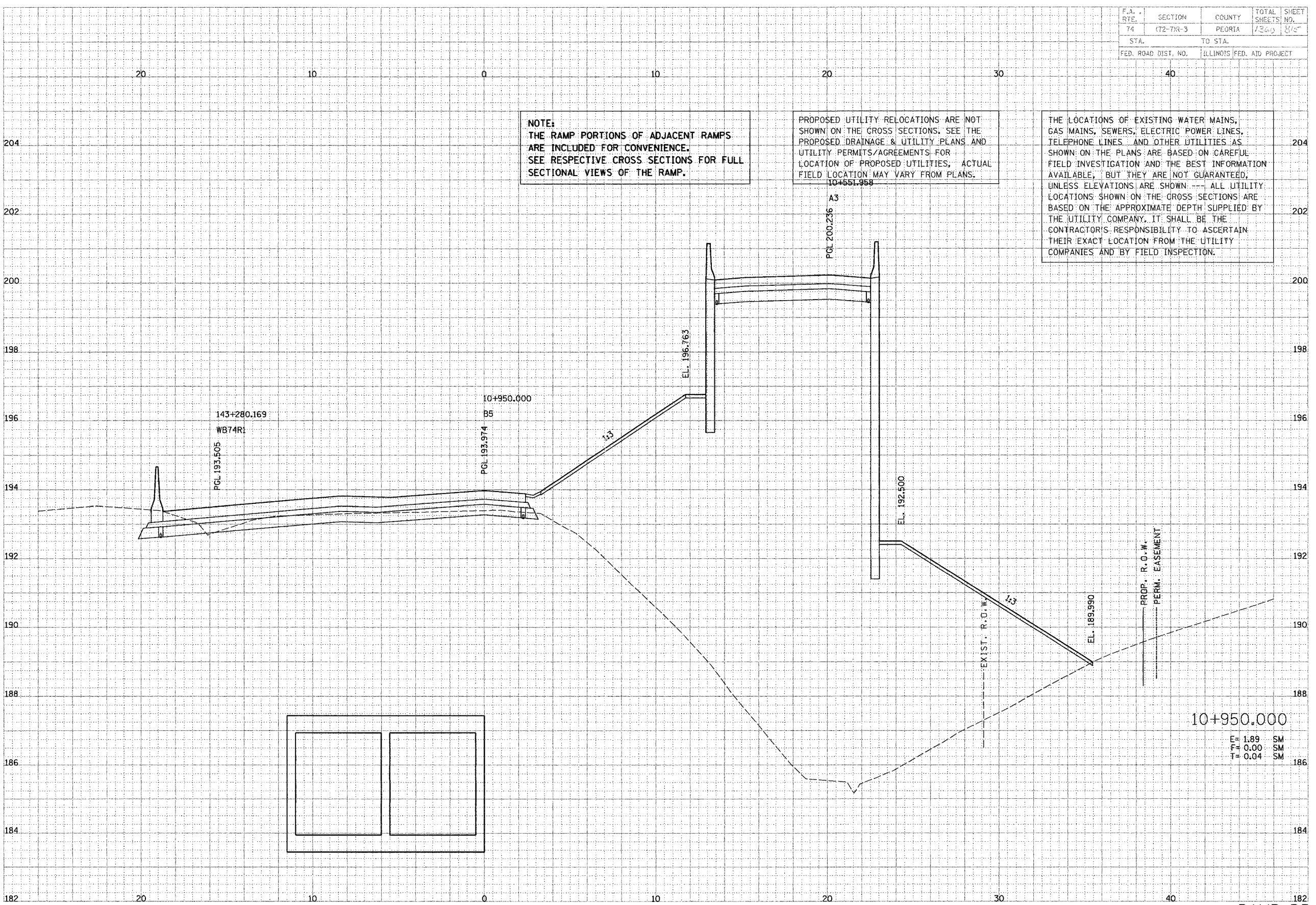
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-TX-3)	PEORIA	1260	815
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
NOTED	
REVISIONS	

JAMES B. TRANSGURATION

 ENGINEERS and PLANNERS

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
NOTED	
REVISIONS	



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 UTILITY PERMITS/AGREEMENTS FOR
 LOCATION OF PROPOSED UTILITIES. ACTUAL
 FIELD LOCATION MAY VARY FROM PLANS.
 10+551.958

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+950.000

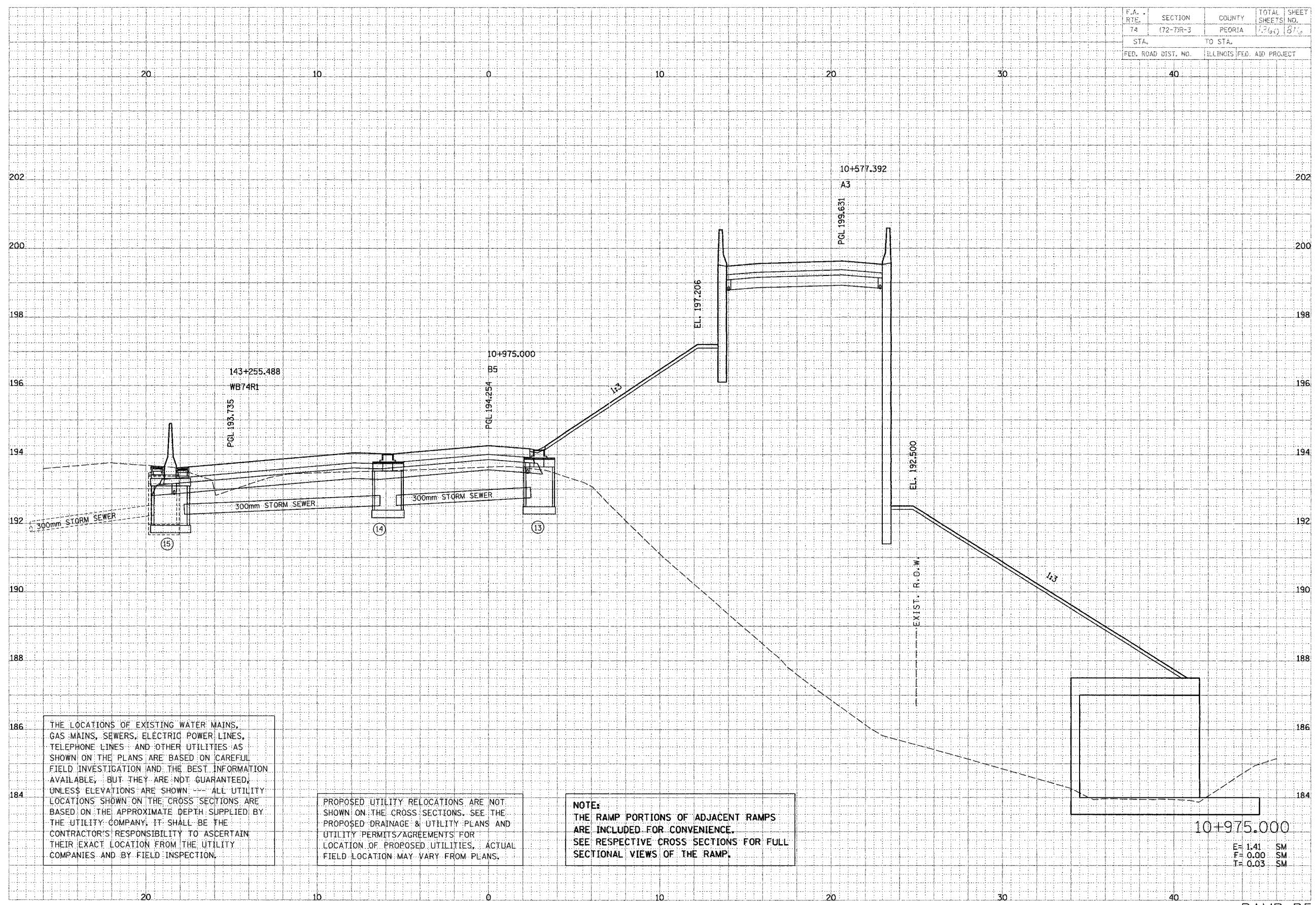
E = 1.89 SM
 F = 0.00 SM
 T = 0.04 SM

F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	126	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE	BY
DATE	BY
DATE	BY

PLANNING & TRANSPORTATION ENGINEERS
Engineers and Planners

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.

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.

NOTE:
 THE RAMP PORTIONS OF ADJACENT RAMP ARE INCLUDED FOR CONVENIENCE. SEE RESPECTIVE CROSS SECTIONS FOR FULL SECTIONAL VIEWS OF THE RAMP.

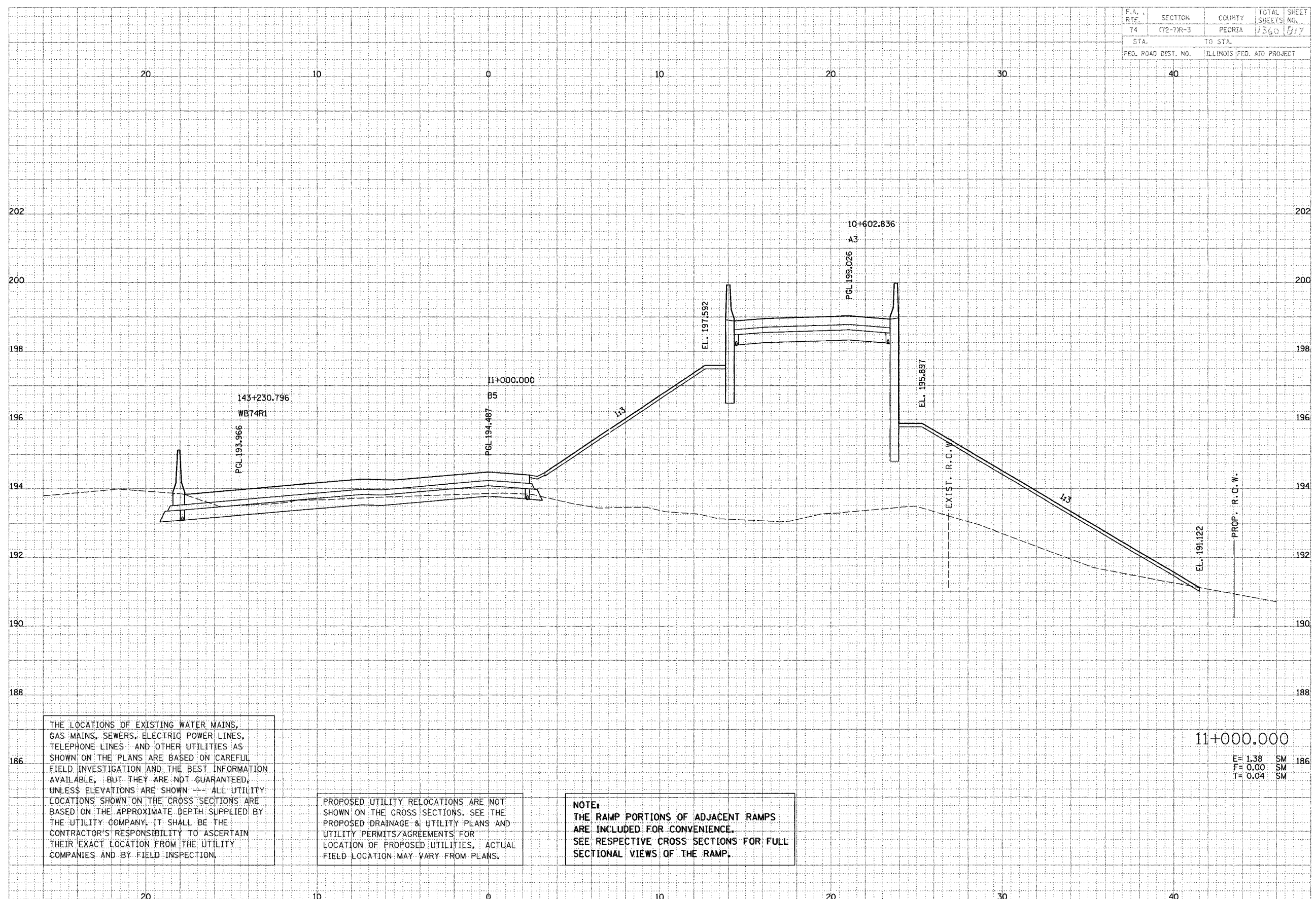
10+975.000
 E= 1.41 SM
 F= 0.00 SM
 T= 0.03 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-7R-3	PEORIA	1360	817
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE	BY
DATE	BY
DATE	BY

WILLIAM J. ANDERSON
 PROFESSIONAL ENGINEER
 No. 12345, State of Illinois

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.

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.

NOTE:
 THE RAMP PORTIONS OF ADJACENT RAMPS ARE INCLUDED FOR CONVENIENCE. SEE RESPECTIVE CROSS SECTIONS FOR FULL SECTIONAL VIEWS OF THE RAMP.

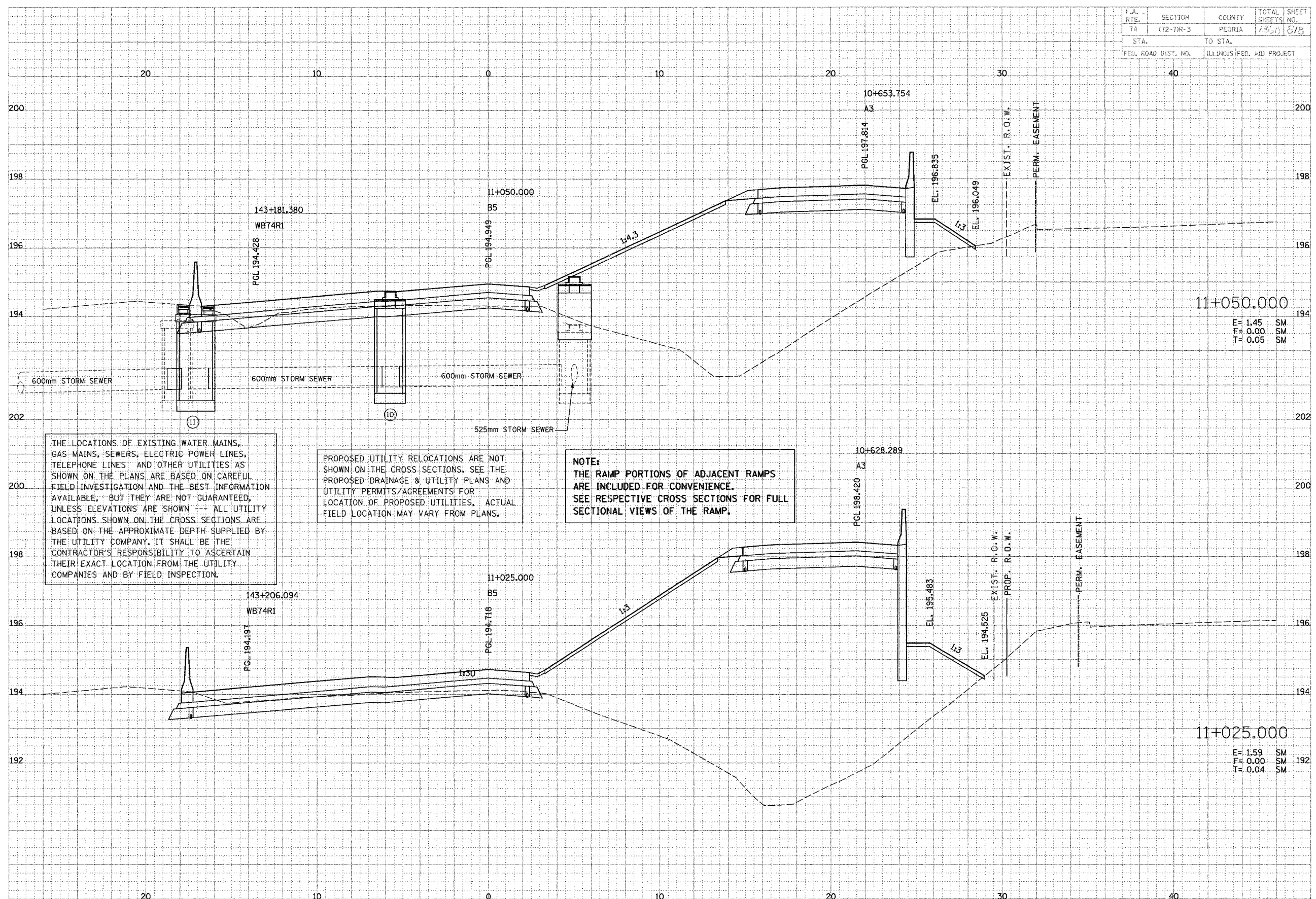
11+000.000
 E = 1.38 SM
 F = 0.00 SM
 T = 0.04 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1300	678
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION

DESIGNED BY: **ENGINEERS and P Partners**

DATE	BY	REVISION



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.

NOTE: THE RAMP PORTIONS OF ADJACENT RAMPS ARE INCLUDED FOR CONVENIENCE. SEE RESPECTIVE CROSS SECTIONS FOR FULL SECTIONAL VIEWS OF THE RAMP.

11+050.000
E = 1.45 SM
F = 0.00 SM
T = 0.05 SM

11+025.000
E = 1.59 SM
F = 0.00 SM
T = 0.04 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	819
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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.

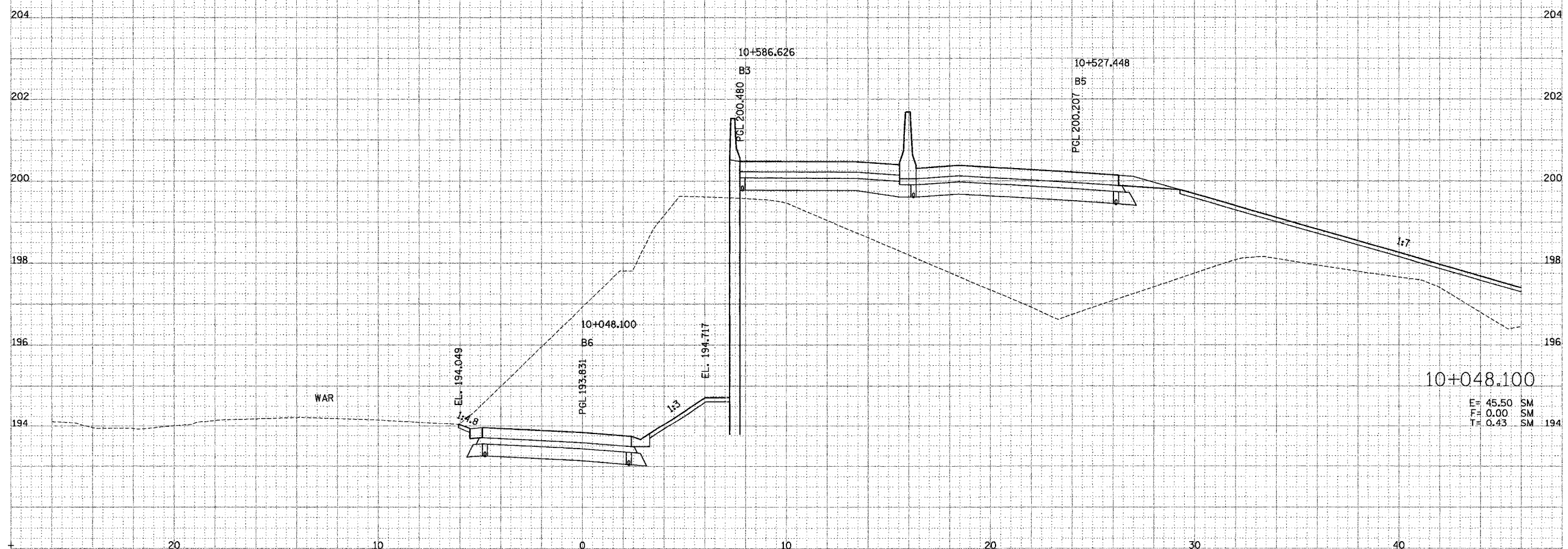
PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

NOTE:
THE RAMP PORTIONS OF ADJACENT RAMPS ARE INCLUDED FOR CONVENIENCE. SEE RESPECTIVE CROSS SECTIONS FOR FULL SECTIONAL VIEWS OF THE RAMP.

FINAL SURVEY	DATE
BY	
REVISION	
NO.	
DATE	
BY	

PAULSON TRANSPORTATION DESIGN
Engineers and Planners

PRELIMINARY SURVEY	DATE
BY	
REVISION	
NO.	
DATE	
BY	



E= 45.50 SM
F= 0.00 SM
T= 0.43 SM

RAMP-B6

F.A. RLE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	820
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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.

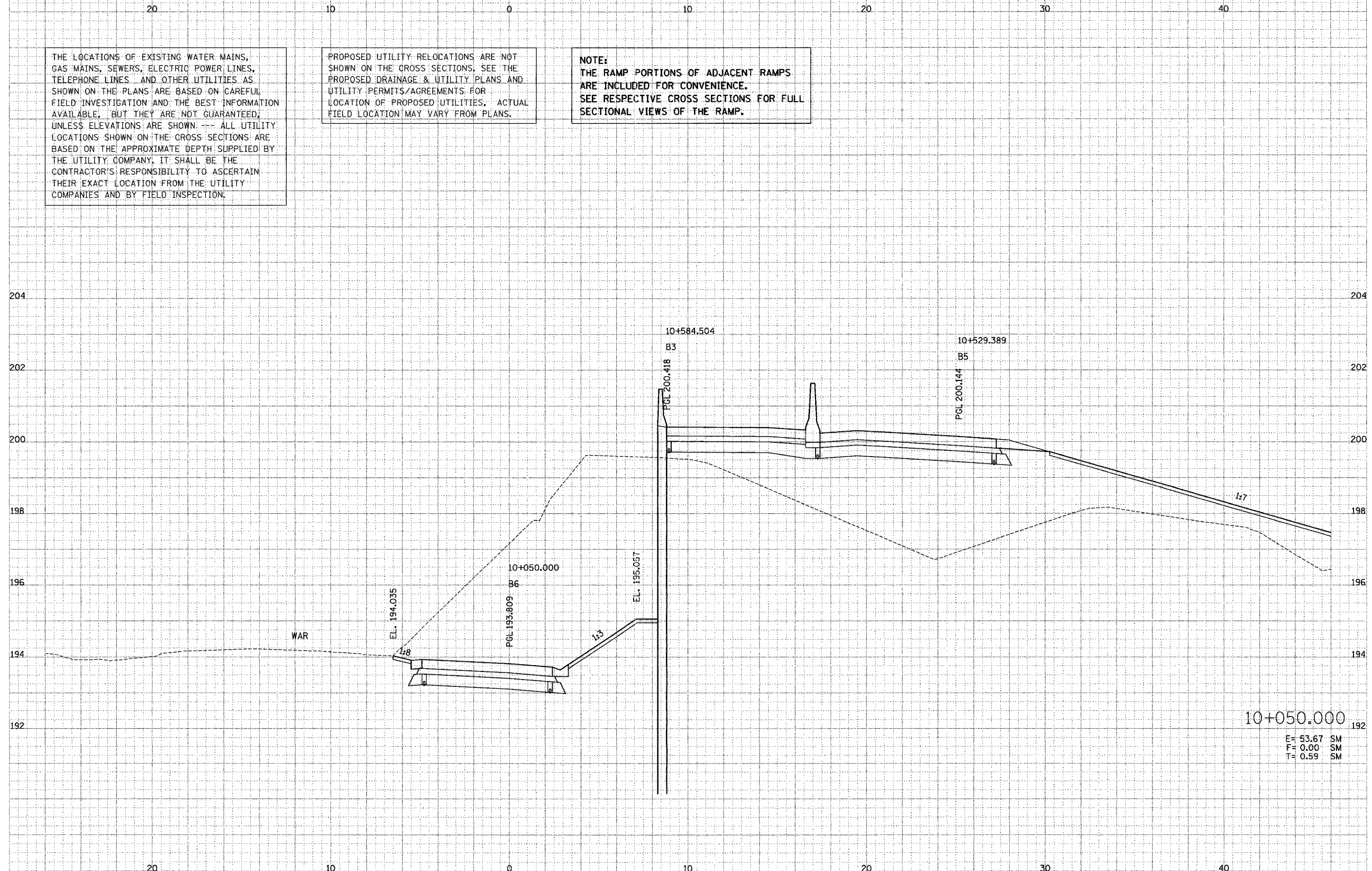
PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS. SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES. ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

NOTE:
THE RAMP PORTIONS OF ADJACENT RAMPS ARE INCLUDED FOR CONVENIENCE. SEE RESPECTIVE CROSS SECTIONS FOR FULL SECTIONAL VIEWS OF THE RAMP.

FINAL SURVEY	DATE
SUPPLEMENTED	BY
NOTE BOOK	
AREAS	
REVISIONS	

PARSONS TRANSCENTATION GROUP
Engineers and Planners

ORIGINAL SURVEY	DATE
SUPPLEMENTED	BY
NOTE BOOK	
AREAS	
REVISIONS	



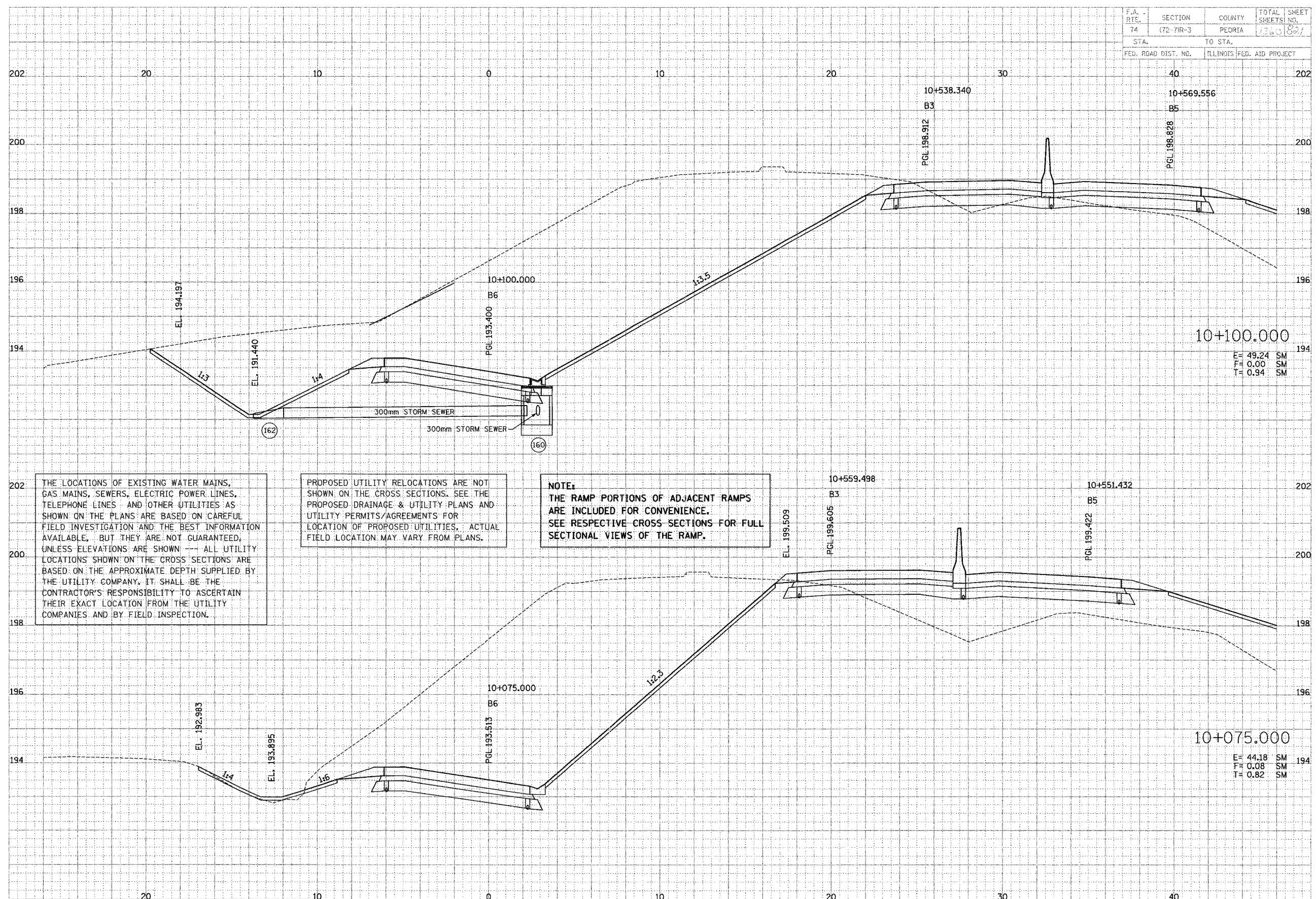
10+050.000
E= 53.67 SM
F= 0.00 SM
T= 0.59 SM

F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	130	82
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	

PARSONS TRANSPORTATION DESIGN
Engineers and Planners

DESIGN SURVEY	DATE
BY	
DATE	
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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NOTE:
THE RAMP PORTIONS OF ADJACENT RAMP ARE INCLUDED FOR CONVENIENCE. SEE RESPECTIVE CROSS SECTIONS FOR FULL SECTIONAL VIEWS OF THE RAMP.

10+100.000
E = 49.24 SM
F = 0.00 SM
T = 0.94 SM

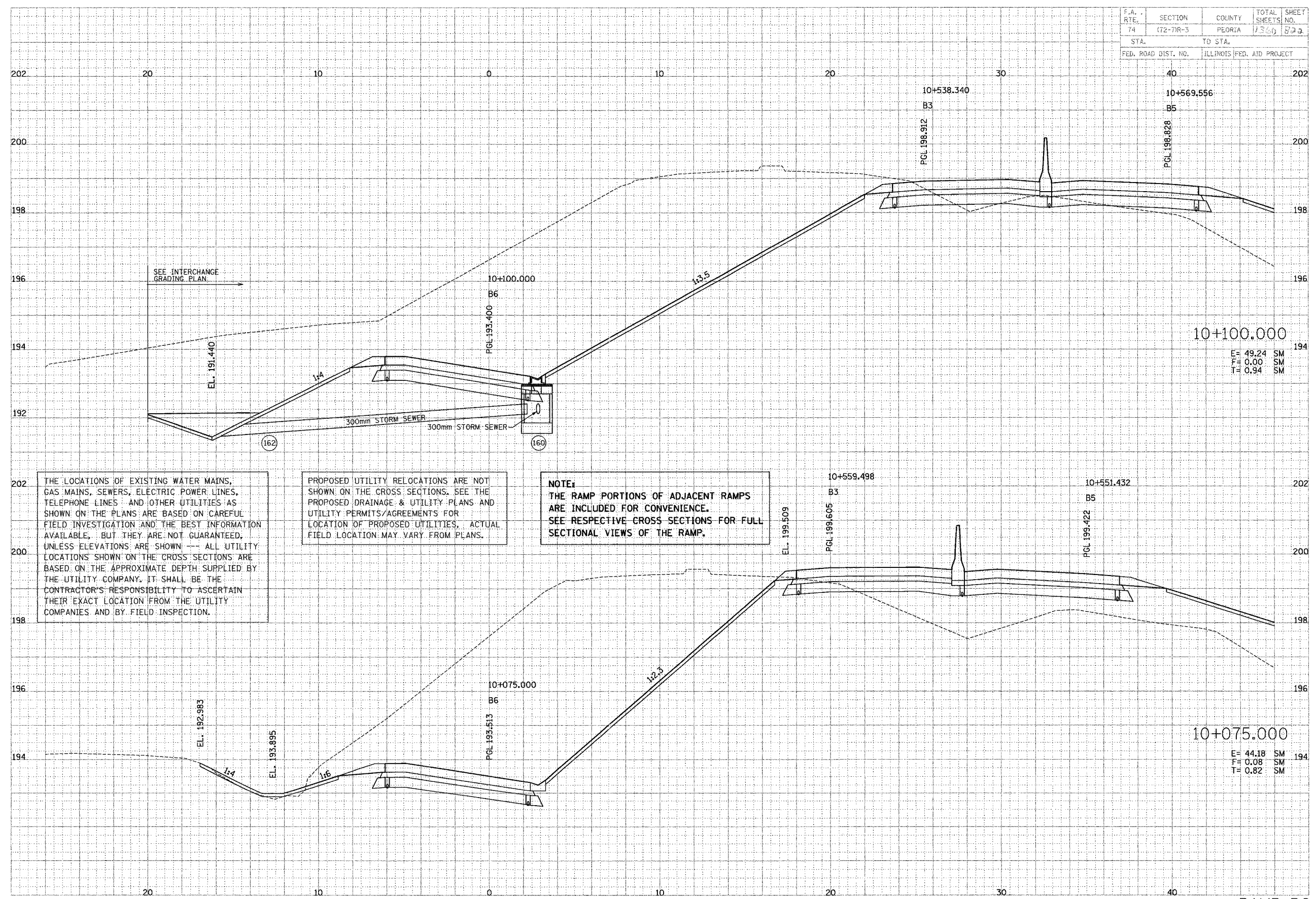
10+075.000
E = 44.18 SM
F = 0.08 SM
T = 0.82 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	136	83
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE	BY	REVISION

PARSONS TRANSPORTATION GROUP
Engineers and Planners

DATE	BY	REVISION



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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	223
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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.

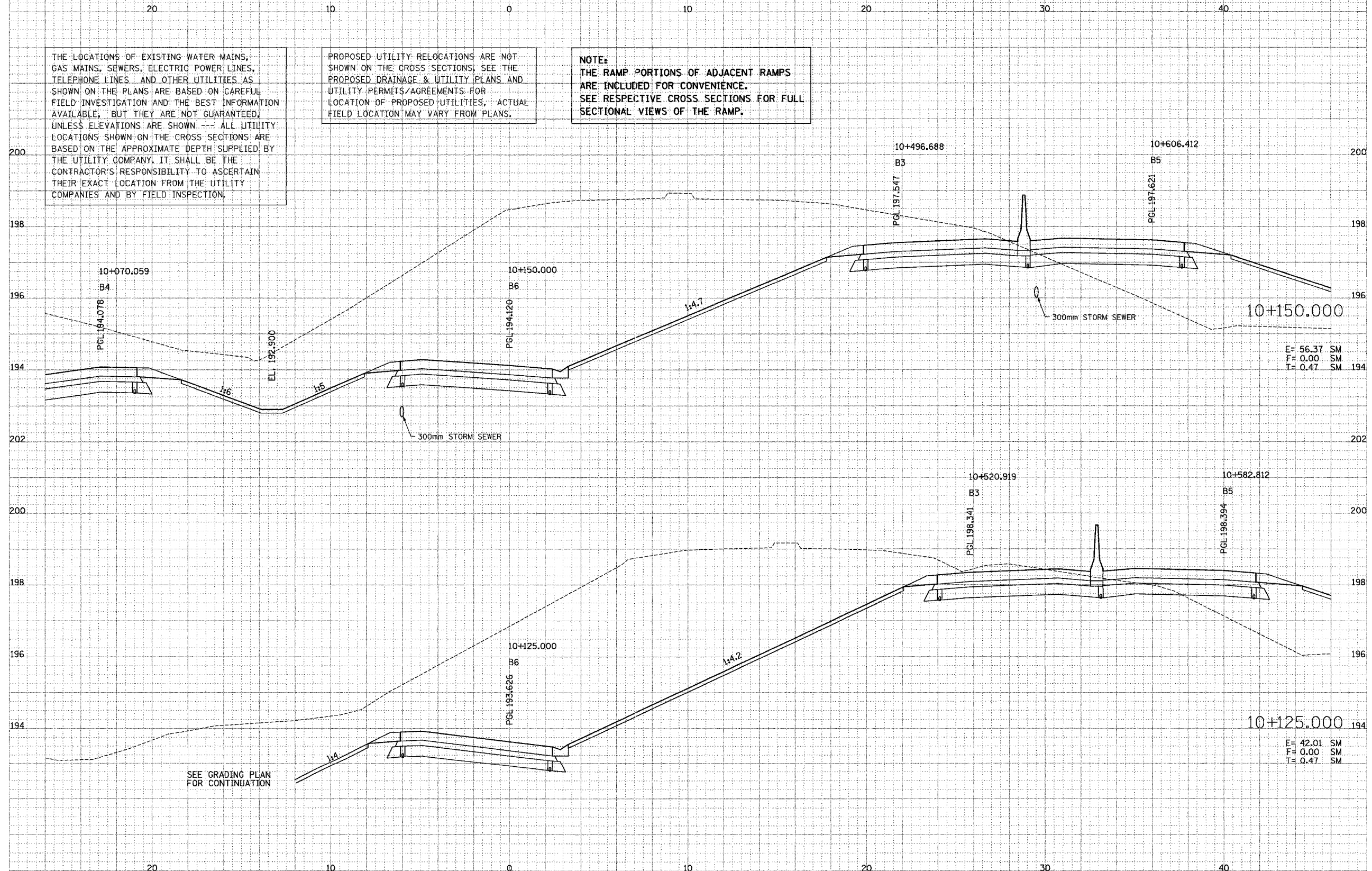
PROPOSED UTILITY RELOCATIONS ARE NOT SHOWN ON THE CROSS SECTIONS, SEE THE PROPOSED DRAINAGE & UTILITY PLANS AND UTILITY PERMITS/AGREEMENTS FOR LOCATION OF PROPOSED UTILITIES, ACTUAL FIELD LOCATION MAY VARY FROM PLANS.

NOTE:
THE RAMP PORTIONS OF ADJACENT RAMPS ARE INCLUDED FOR CONVENIENCE. SEE RESPECTIVE CROSS SECTIONS FOR FULL SECTIONAL VIEWS OF THE RAMP.

DATE	BY
DATE	BY
DATE	BY

PARSONS
TRANSPORTATION GROUP
Engineers and Planners

DATE	BY
DATE	BY
DATE	BY

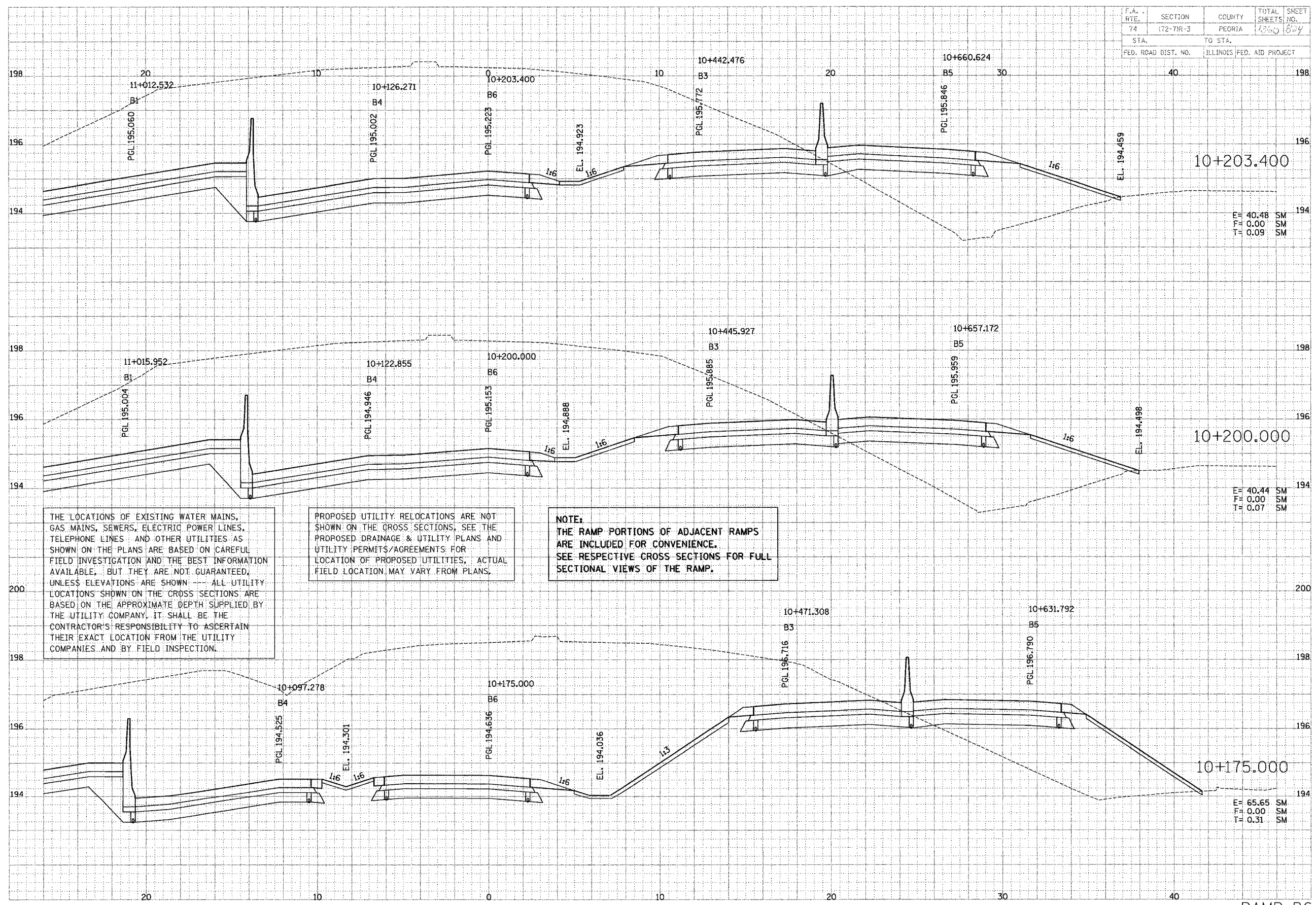


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1300	804
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION

PARSONS
TRANSPORTATION GROUP
Engineers and Planners

DATE	BY	REVISION



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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NOTE:
THE RAMP PORTIONS OF ADJACENT RAMP ARE INCLUDED FOR CONVENIENCE.
SEE RESPECTIVE CROSS SECTIONS FOR FULL SECTIONAL VIEWS OF THE RAMP.

E = 40.48 SM
F = 0.00 SM
T = 0.09 SM

E = 40.44 SM
F = 0.00 SM
T = 0.07 SM

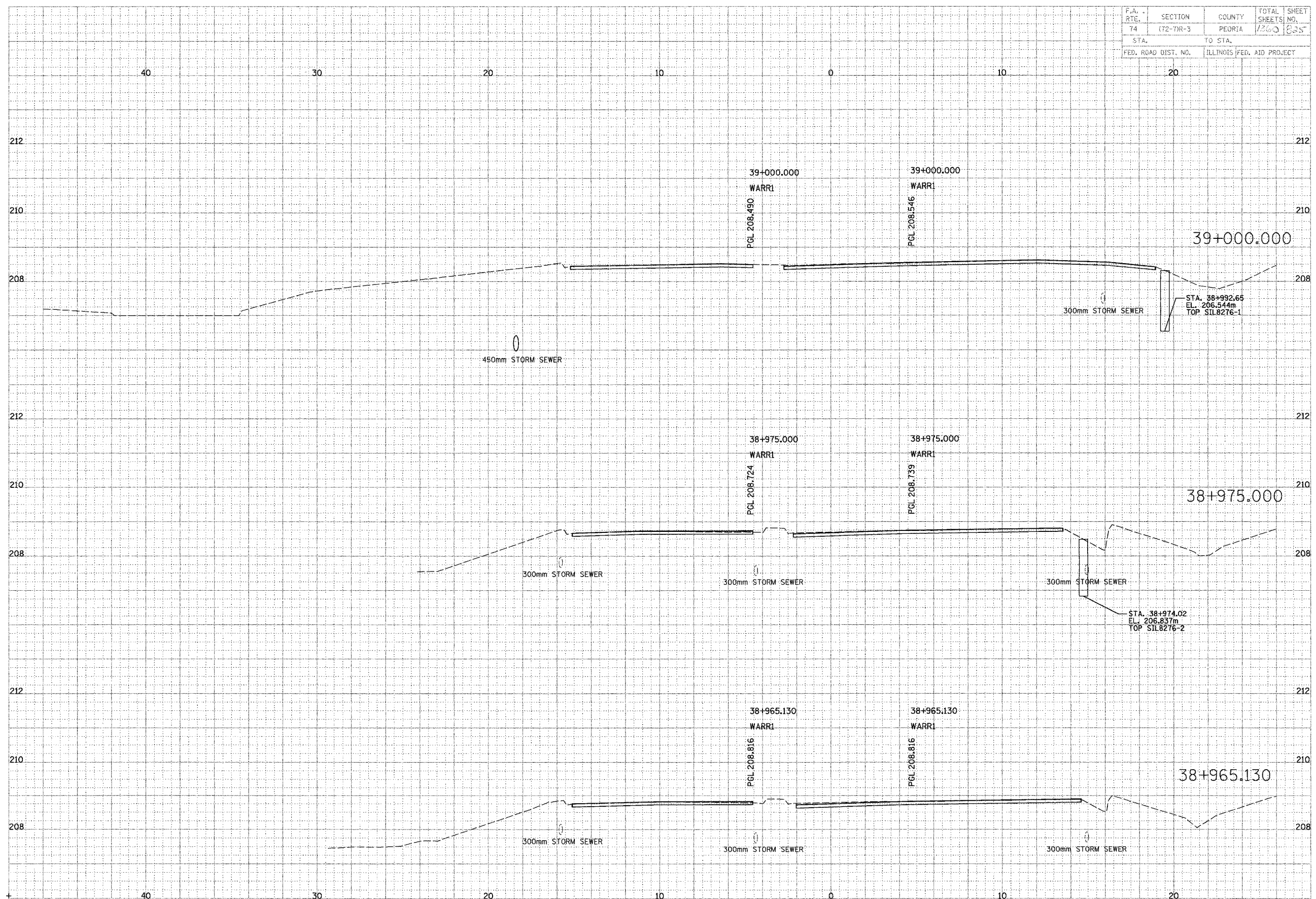
E = 65.65 SM
F = 0.00 SM
T = 0.31 SM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-5	PEORIA	1300	825
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FEEL AID PROJECT		

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

PARSONS
TRANSPORTATION GROUP
Engineers and Planners

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



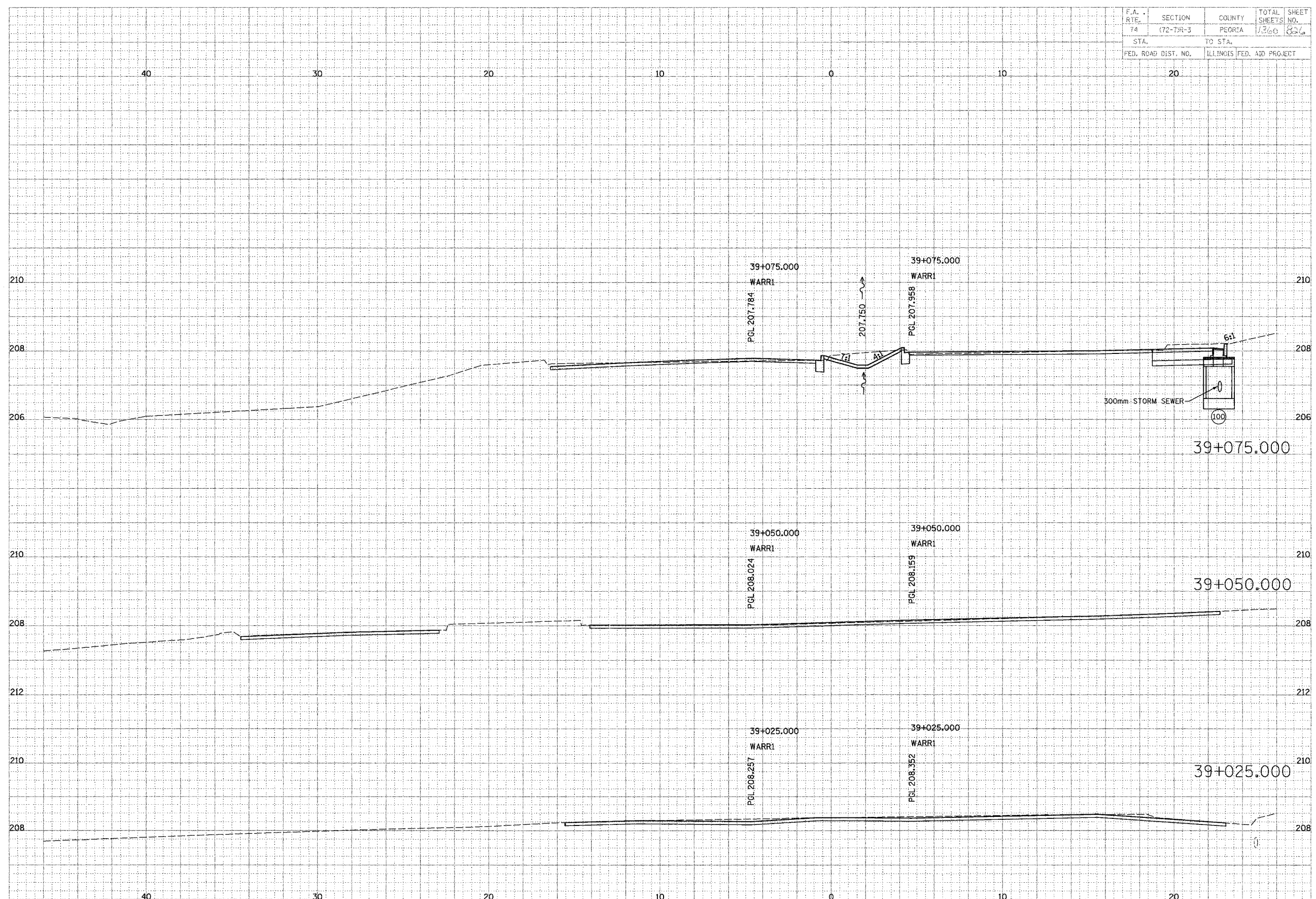
WAR MEMORIAL

F.A. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3	PEORIA	1366	826
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY

P. & B. ENGINEERS
TRANSPORTATION DIVISION
Engineers and Planners

DATE	BY
DATE	BY
DATE	BY



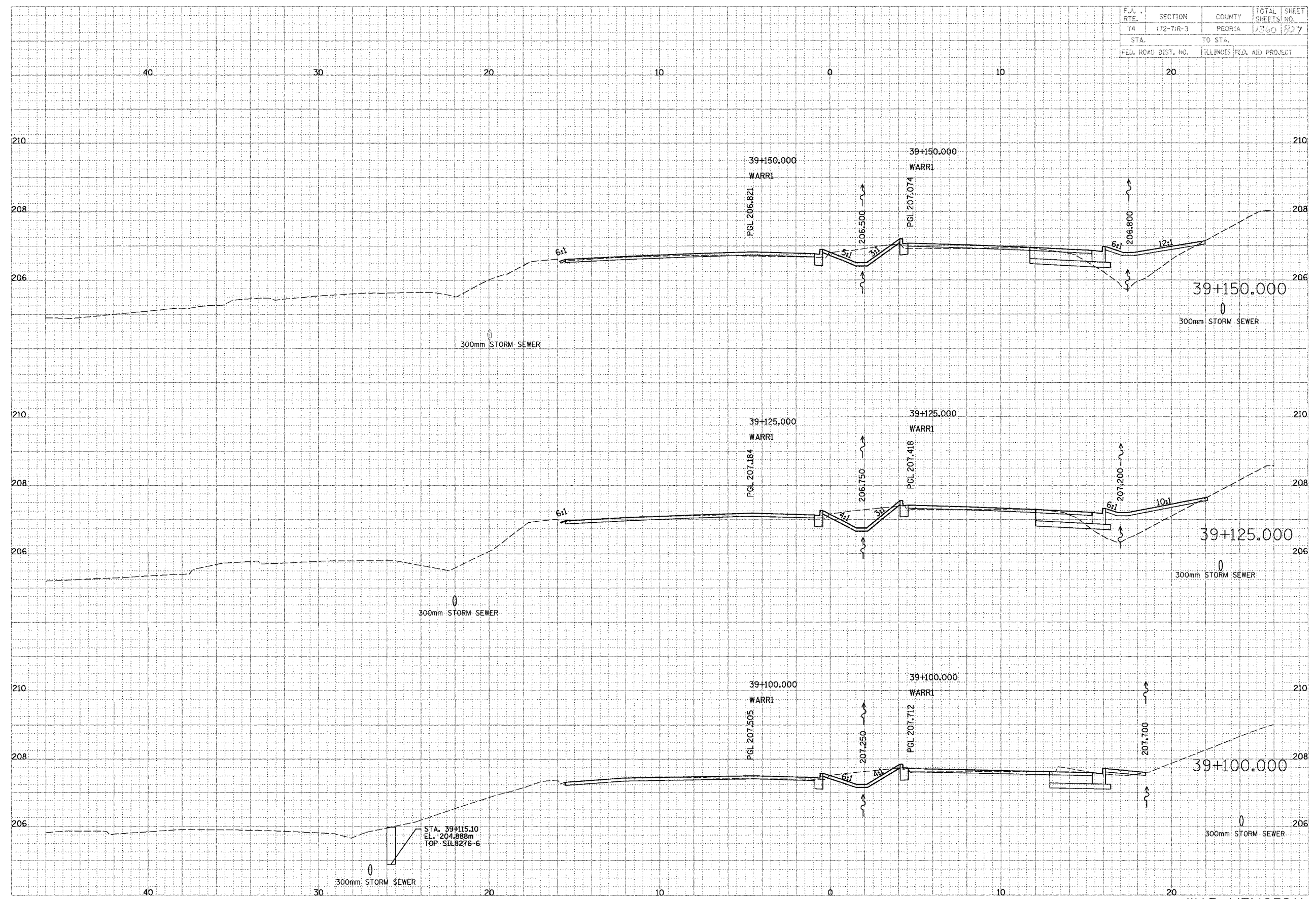
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-TWR-3	PEGORIA	1360	827
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

PARSONS
TRANSPORTATION DESIGN
Engineers and Planners

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



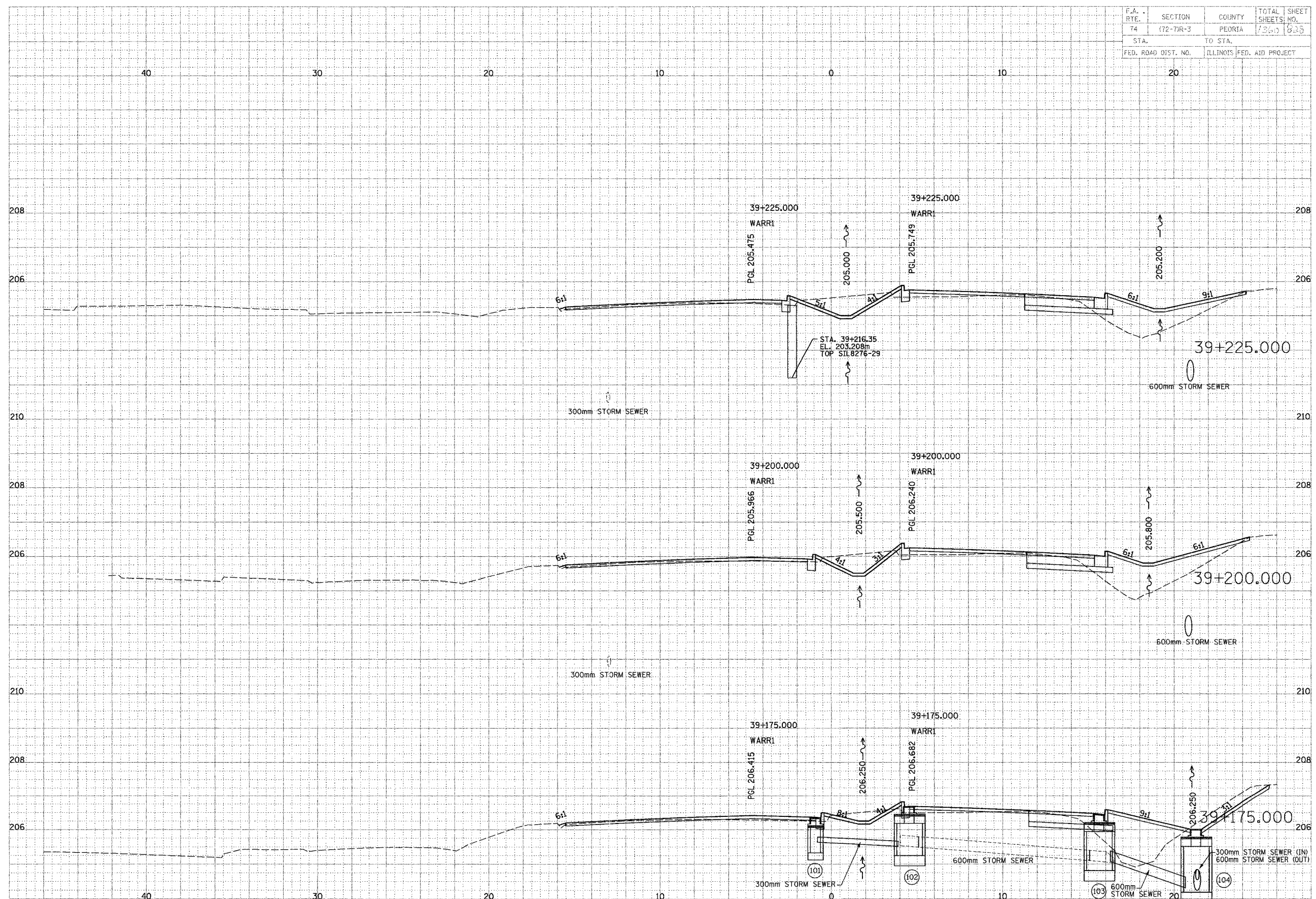
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	126	835
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEYED
 SURVEYED
 NOV 18 1968
 AREA
 100' x 100'

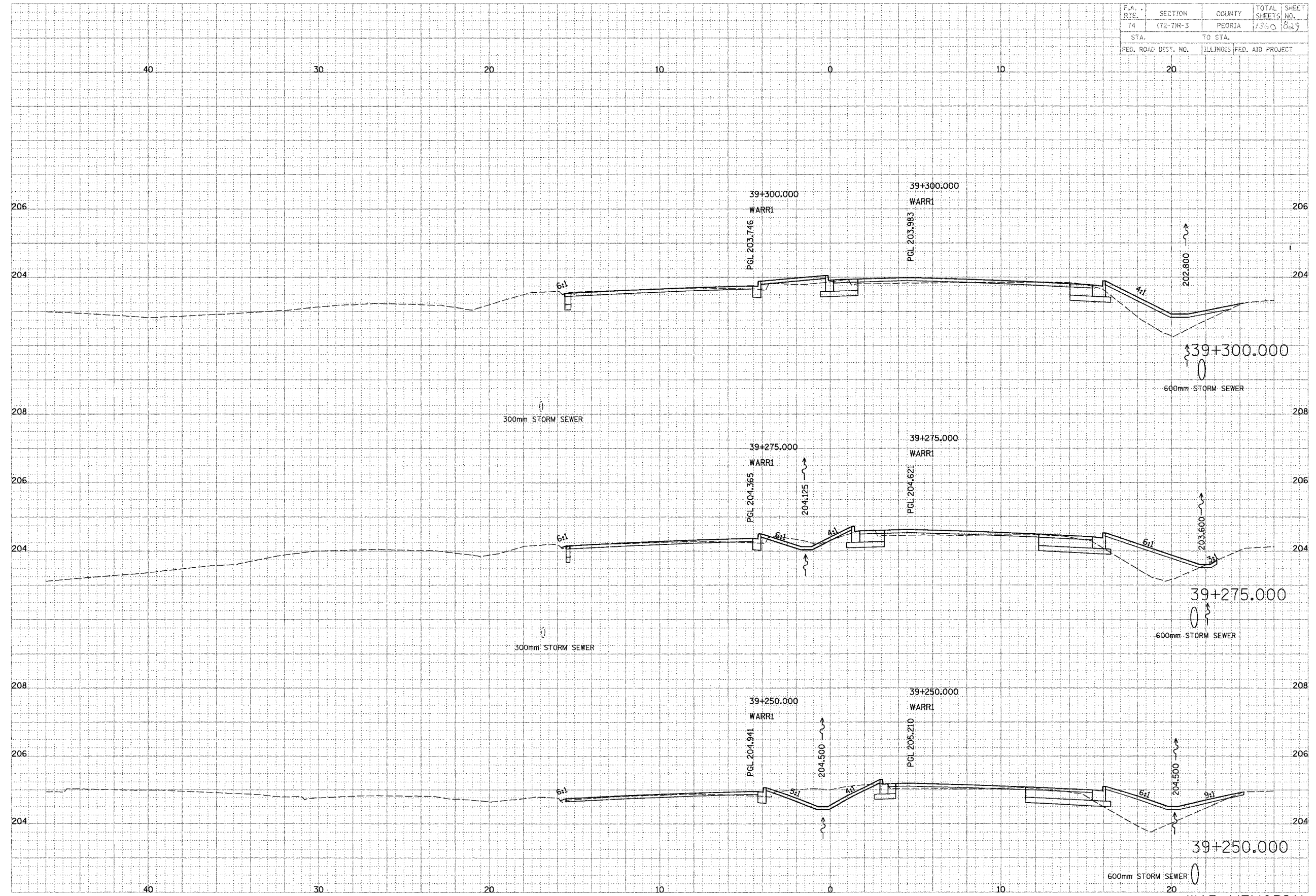
PARSONS
 TRANSPORTATION GROUP
 Engineers and Planners

ORIGINAL SURVEYED
 SURVEYED
 NOV 18 1968
 AREA
 100' x 100'



WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-TR-3)	PEORIA	1/360	029
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FINAL SURVEYED
 SHEET PLOTTED
 NOTE BOOK
 DATE: _____

PARSONS
 TRANSPORTATION GROUP
 Engineers and Planners

ORIGINAL SURVEYED
 SHEET PLOTTED
 NOTE BOOK
 DATE: _____

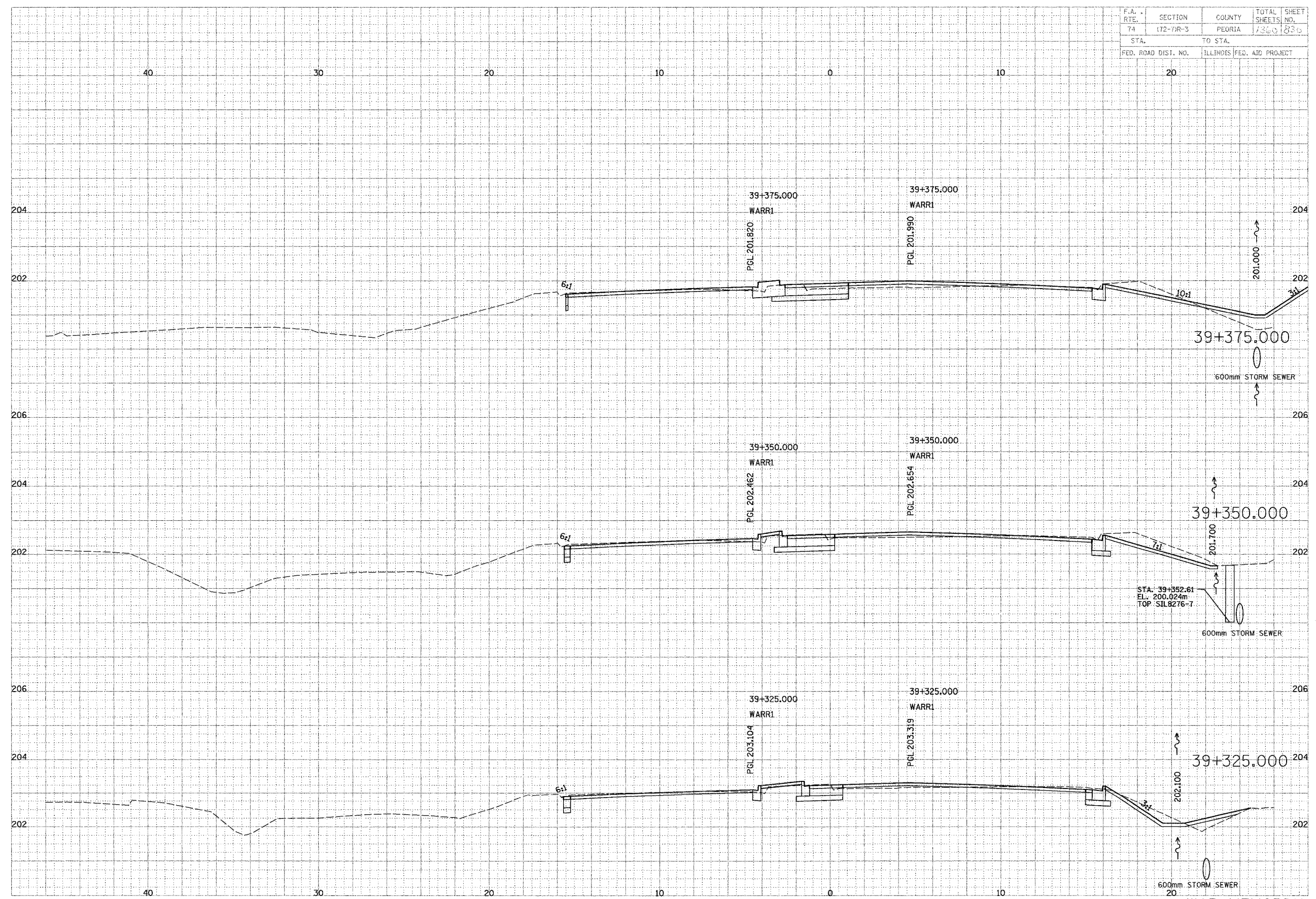
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-7R-3	PEORIA	136	83
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINISH SURVEYED BY DATE
 SURVEY PLOTTED
 NOTE BOOK AREAS CHECKED
 REVISIONS

PARSONS TRANSPORTATION DESIGN
 Engineers and Planners

ORIGINAL SURVEYED BY DATE
 SURVEY PLOTTED
 NOTE BOOK AREAS CHECKED
 REVISIONS



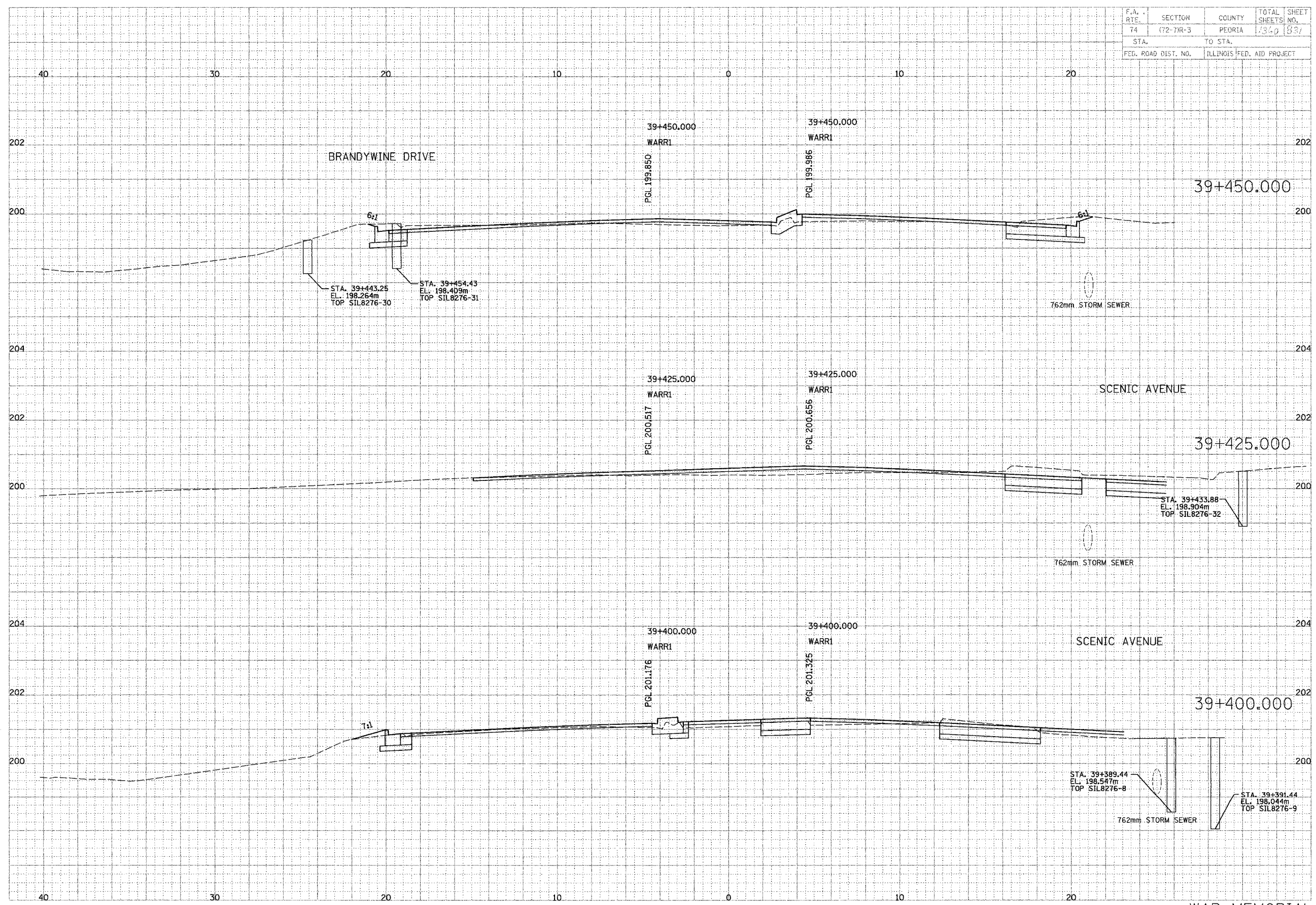
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1340	837
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION

PARSONS TRANSPORTATION DESIGN Engineers and Planners

DATE	BY	REVISION



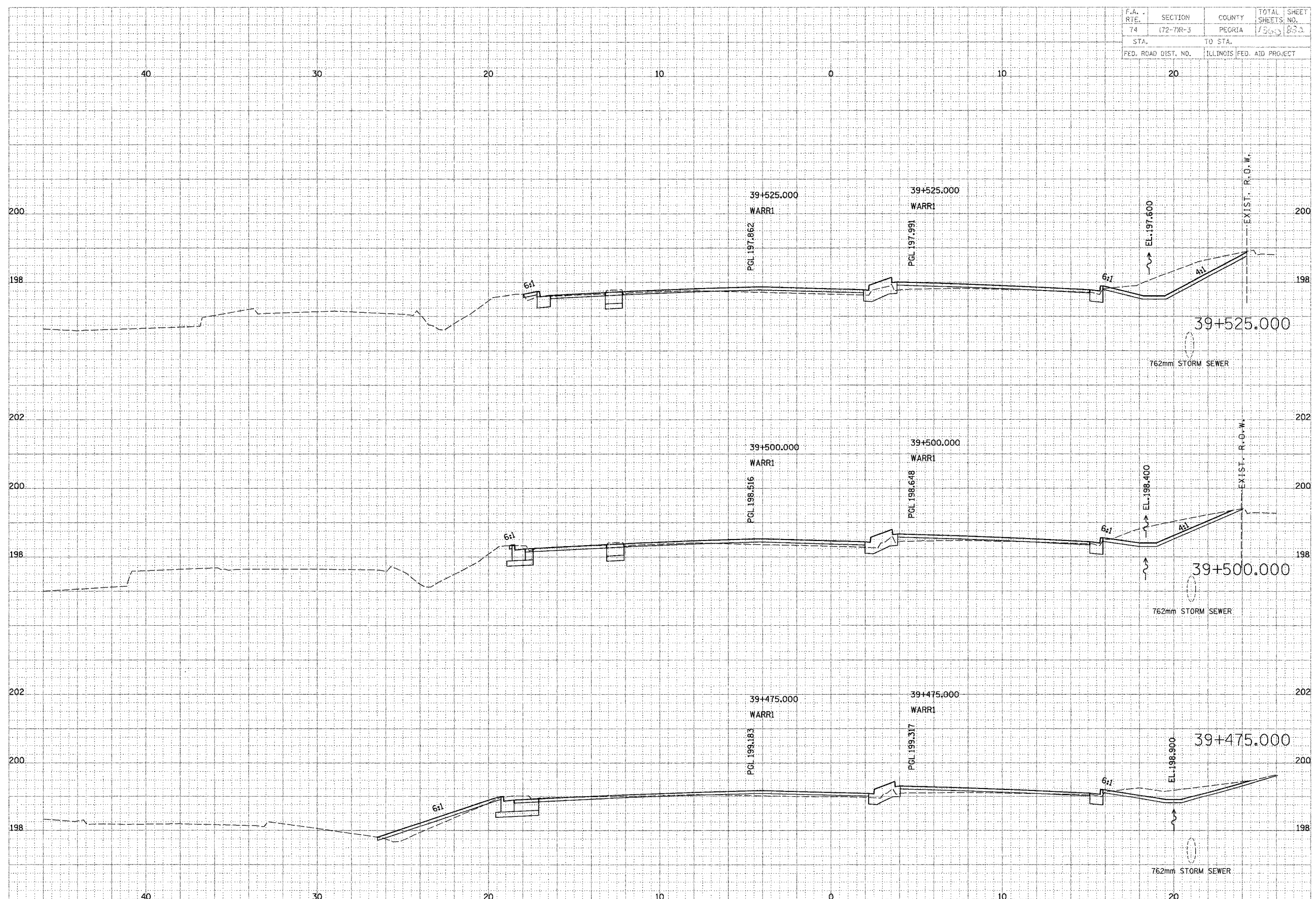
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET
74	(72-77R-3)	PEORIA	NO. 833
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

DATE	BY
SURVEYED	
NOTED	
AREA	
REVISIONS	

PARSONS TRANSPORTATION GROUP
 Engineers and Planners


DATE	BY
SURVEYED	
NOTED	
AREA	
REVISIONS	



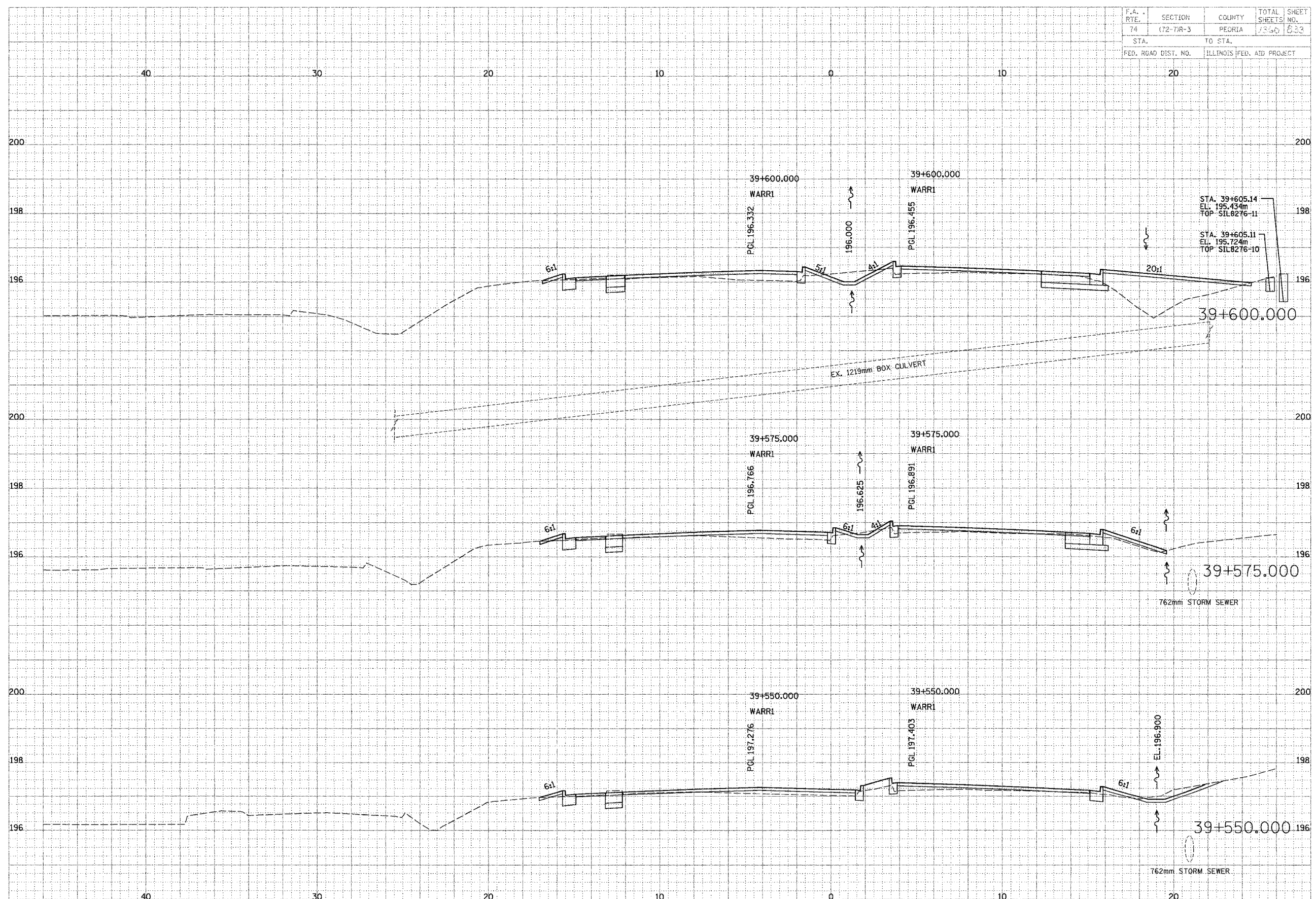
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1250	832
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY


PARRICKS TRANSPORTATION OVERLAP
 Engineers and Planners


DATE	BY
DATE	BY
DATE	BY



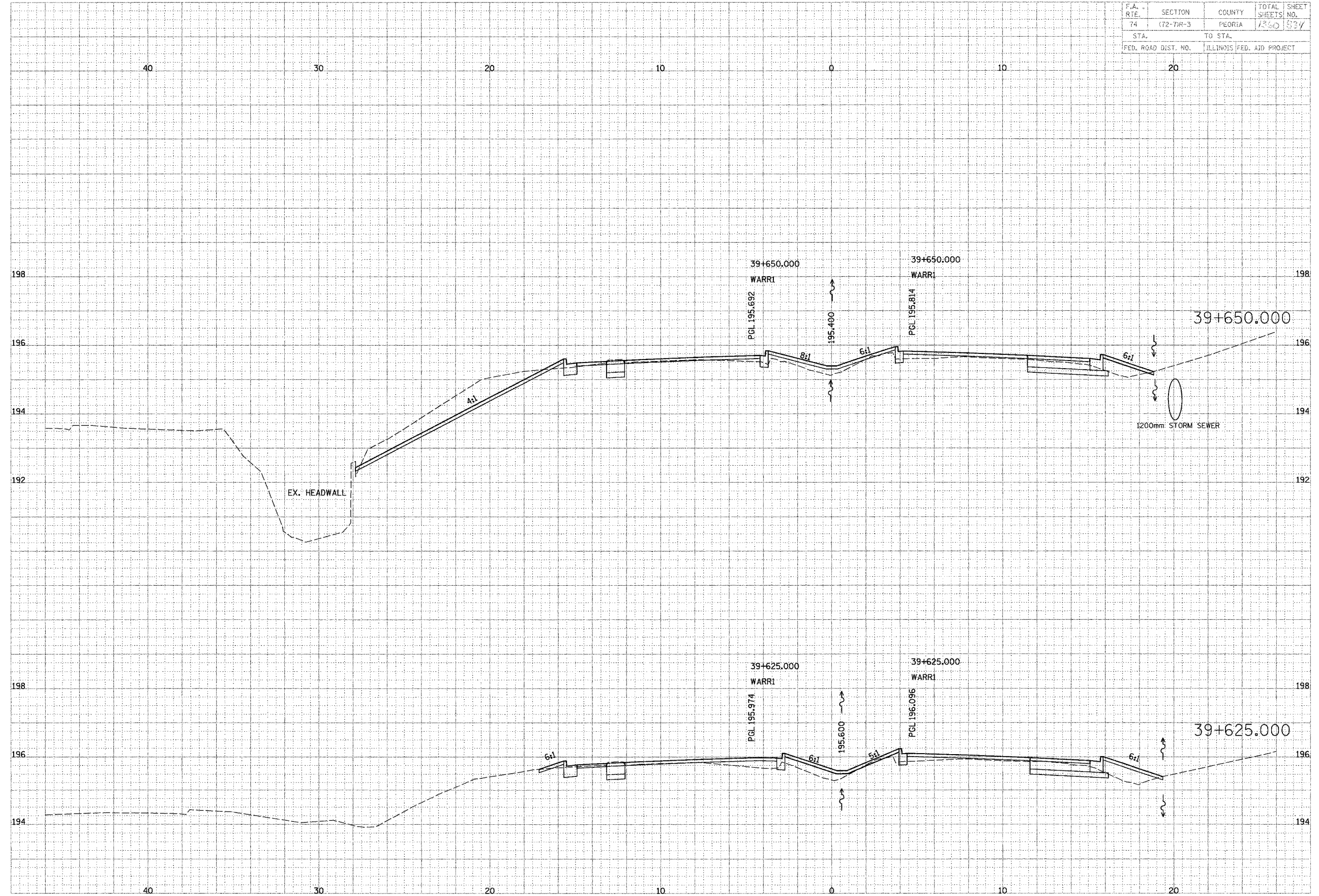
WAR MEMORIAL

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-74)-3	FLORIDA	1360	537
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION

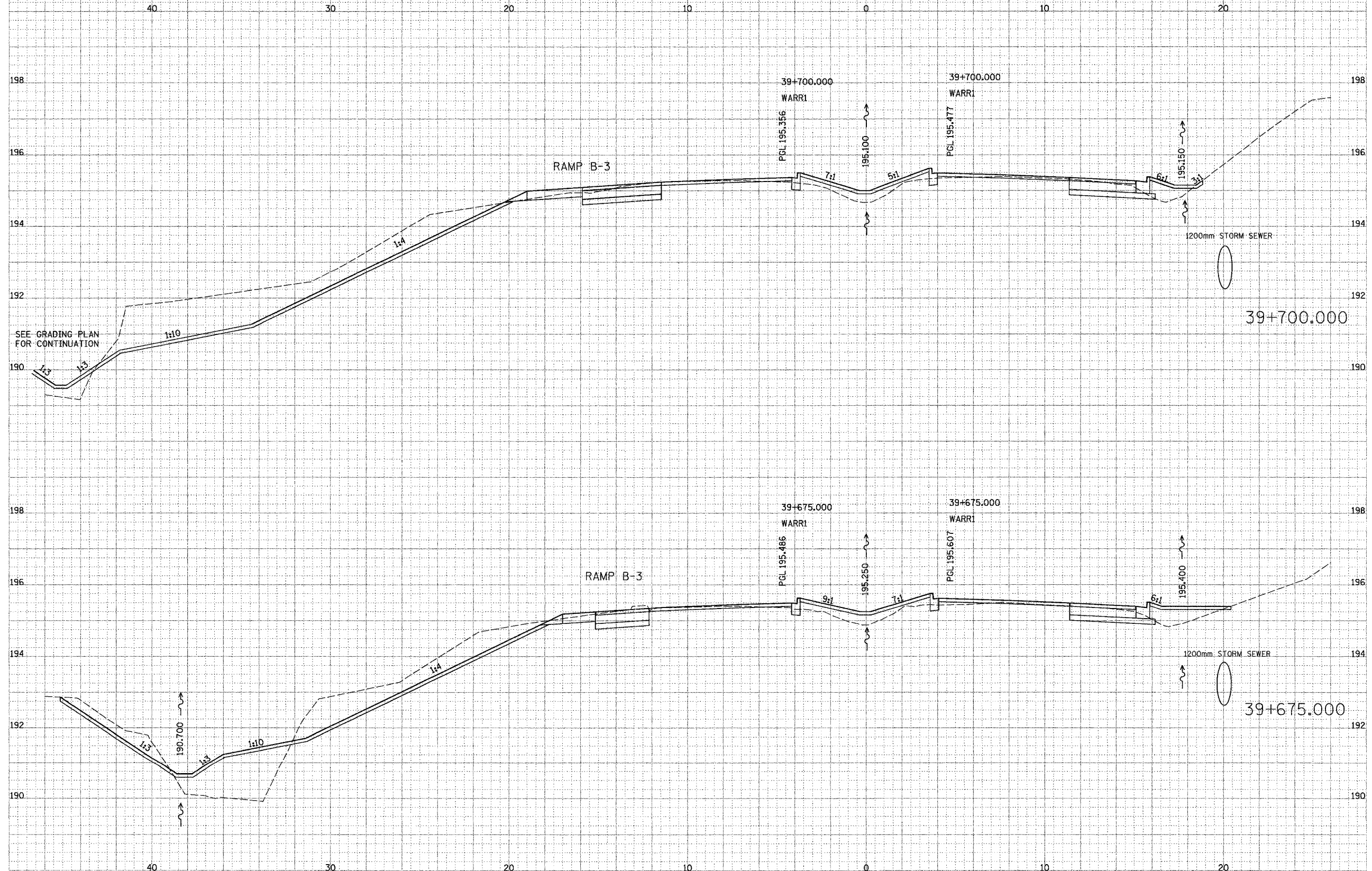

PARSONS
TRANSPORTATION ENGINEERS AND PLANNERS
 Engineers and Planners

DATE	BY	REVISION



WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-72R-3)	PEORIA	130	125
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



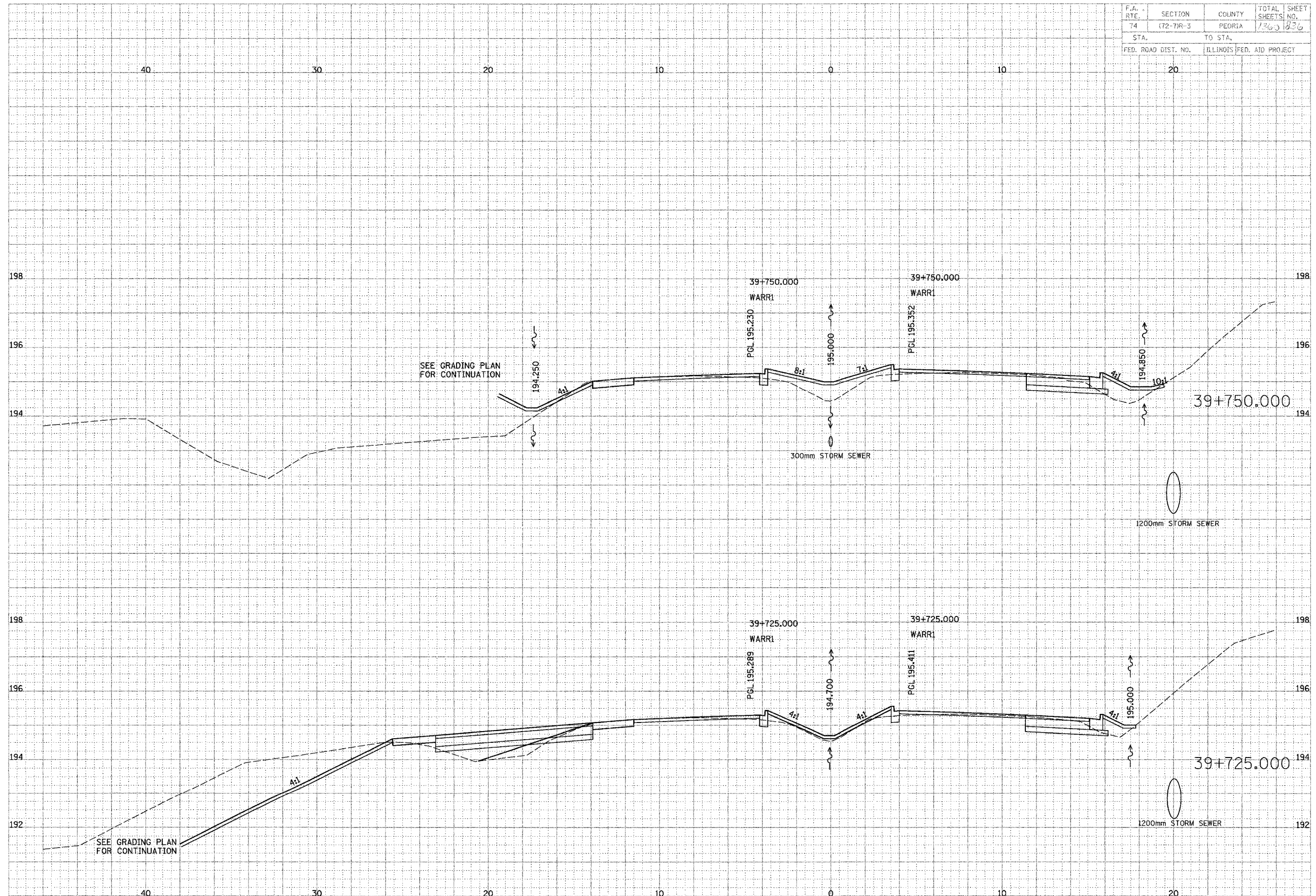
FINAL
 DATE
 BY
 SUPERVISOR
 CHECKED
 DATE
 BY
 DESIGNER
 CHECKED
 DATE
 BY

PARSONS TRANSPORTATION GROUP
 Engineers and Planners

DESIGNED
 DATE
 BY
 CHECKED
 DATE
 BY

WAR MEMORIAL

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




DATE	BY	REVISION

ENGINEERS AND PLANNERS

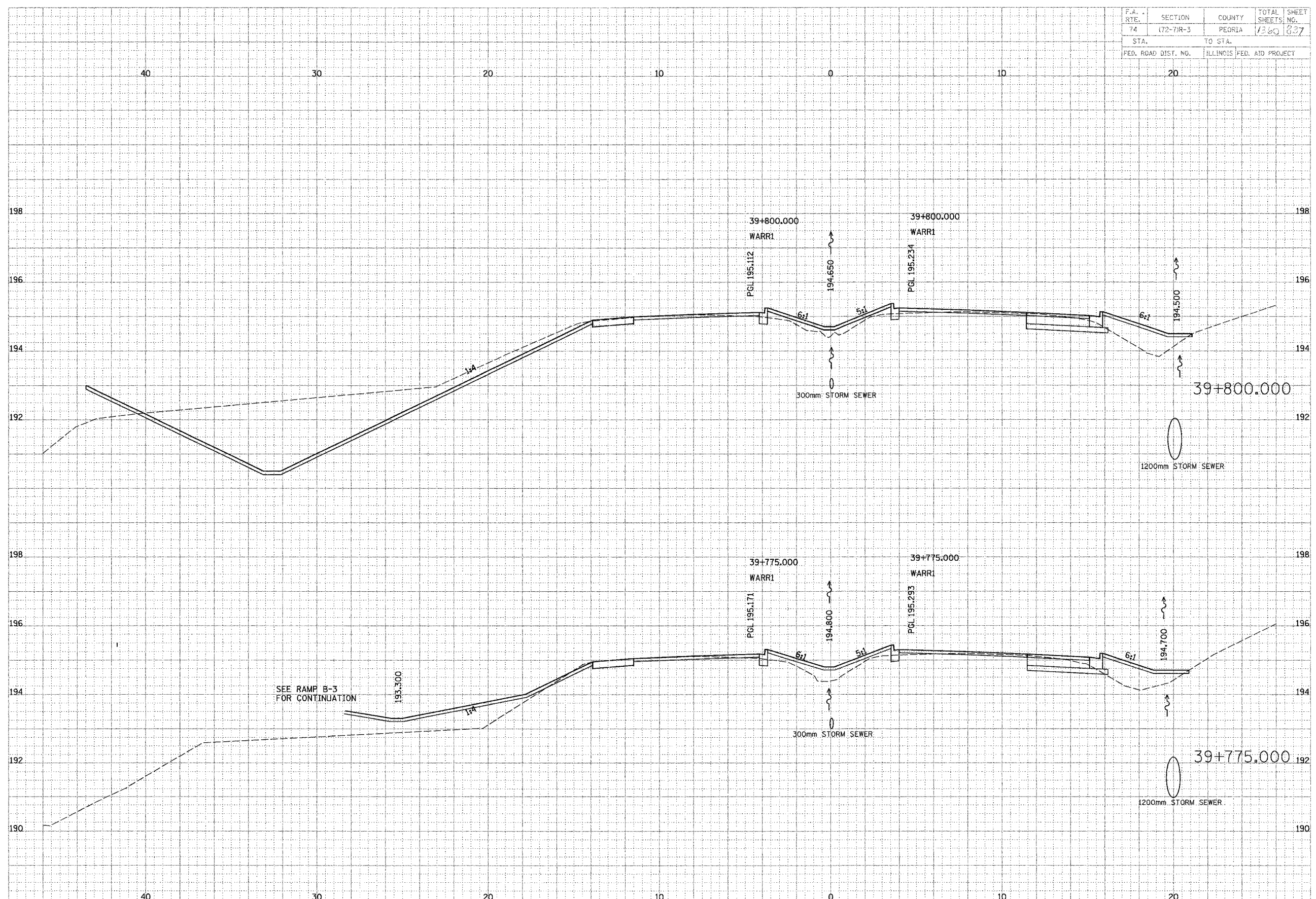
DATE	BY	REVISION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1300	037
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
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DATE	BY
DATE	BY
DATE	BY

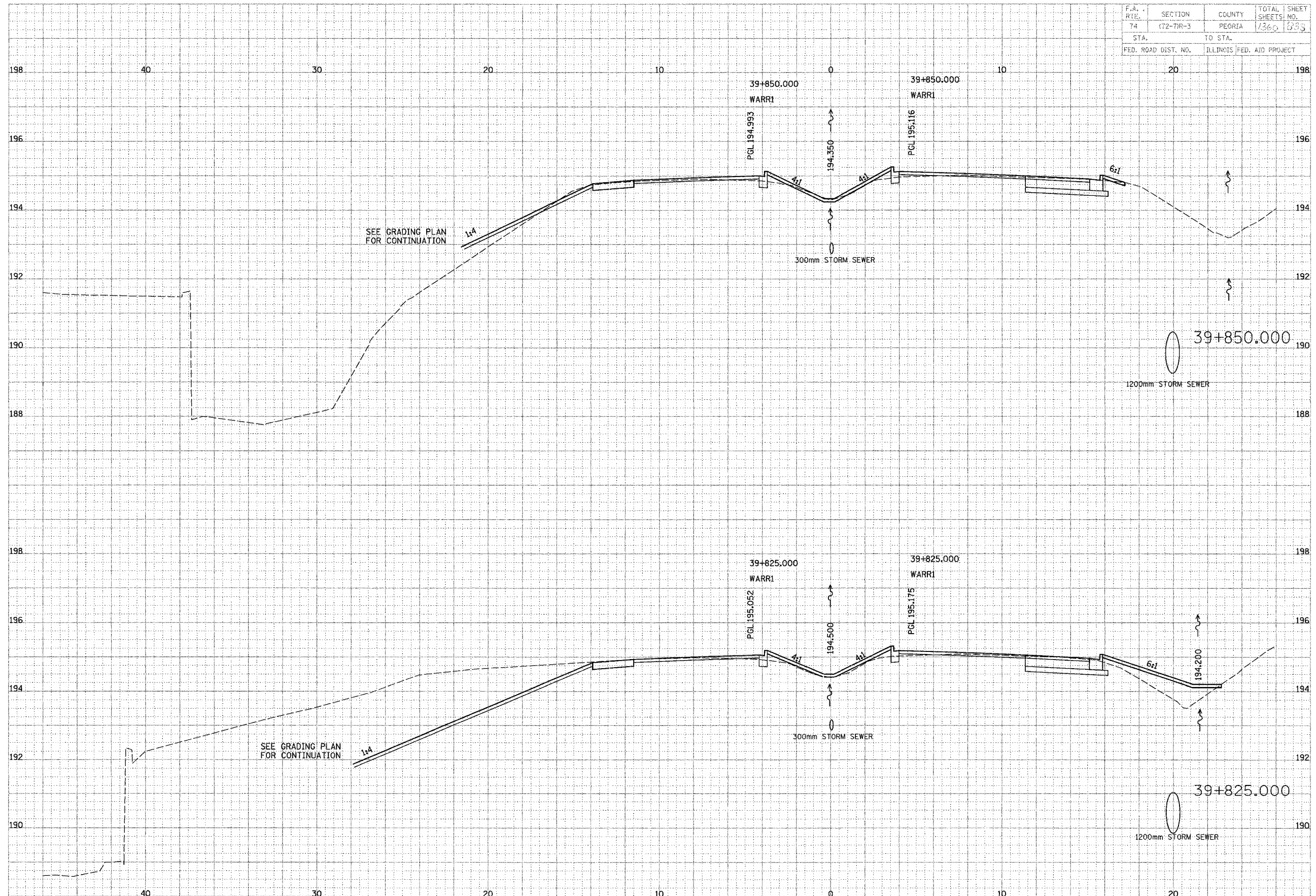

PARSONS TRANSPORTATION DESIGN
 Engineers and Planners

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



WAR MEMORIAL

F.A. RLE.	SECTION	COUNTY	TOTAL SHEET
74	172-77R-3	PEORIA	1366
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



DATE	BY
DATE	BY
DATE	BY


Engineers and Planners

DATE	BY
DATE	BY
DATE	BY

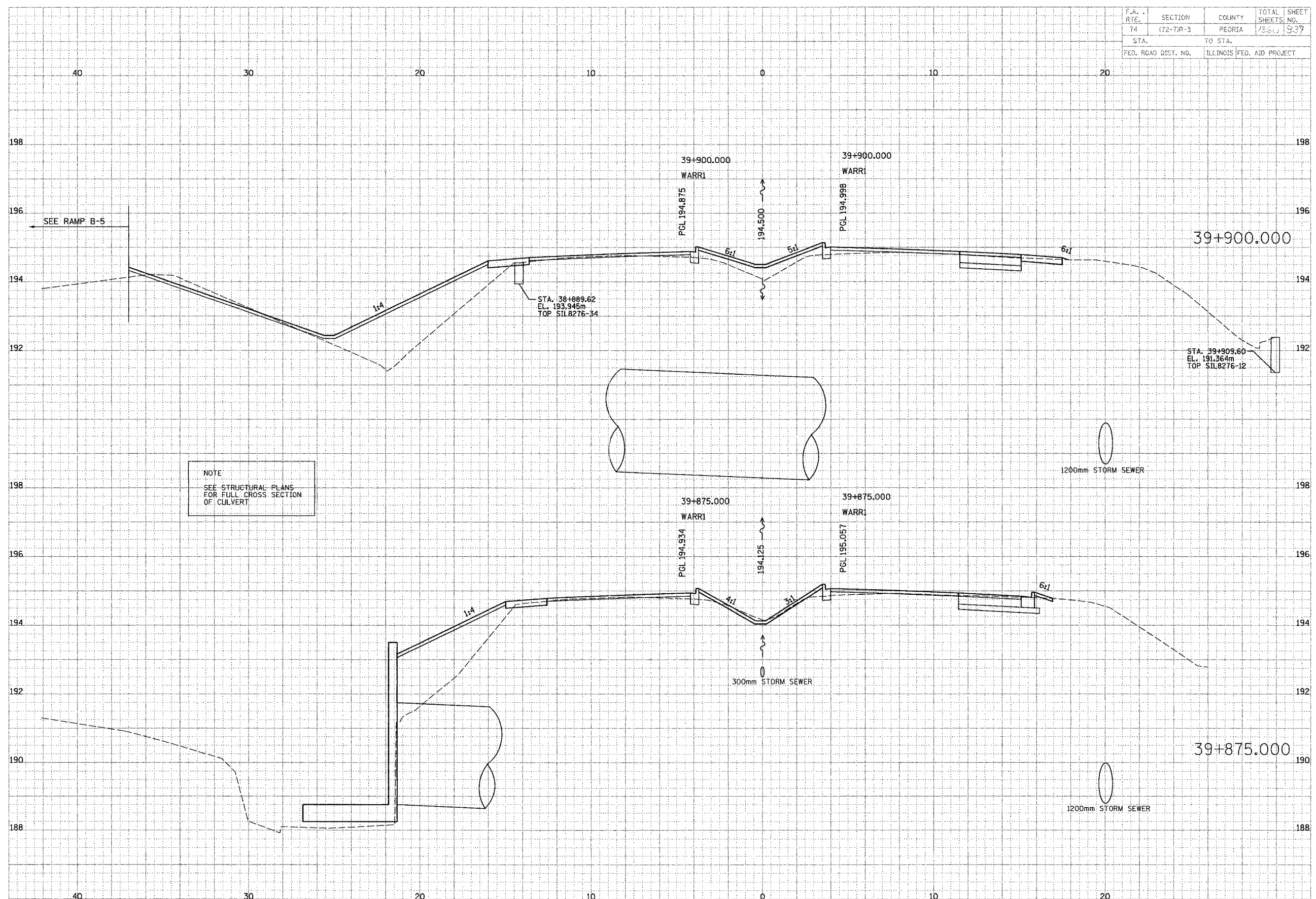
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	136	939
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL	SUPERVISOR	DATE
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	


 ENGINEERS AND PLANNERS
 PEORIA, ILLINOIS

ORIGINAL	SUPERVISOR	DATE
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	



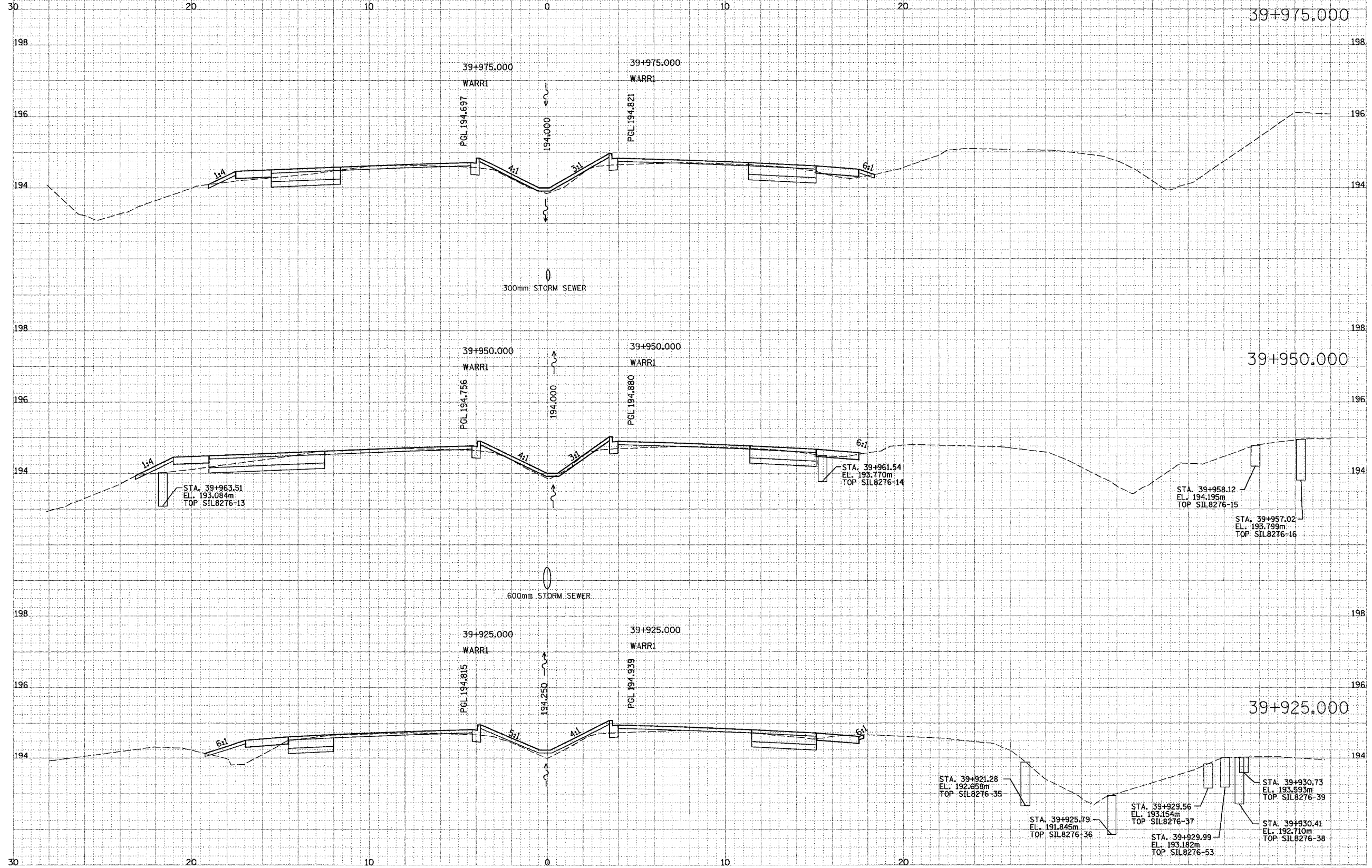
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	890
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY
DATE	BY

PARSONS TRANSPORTATION GROUP
Engineers and Planners

DATE	BY
DATE	BY
DATE	BY
DATE	BY



WAR MEMORIAL

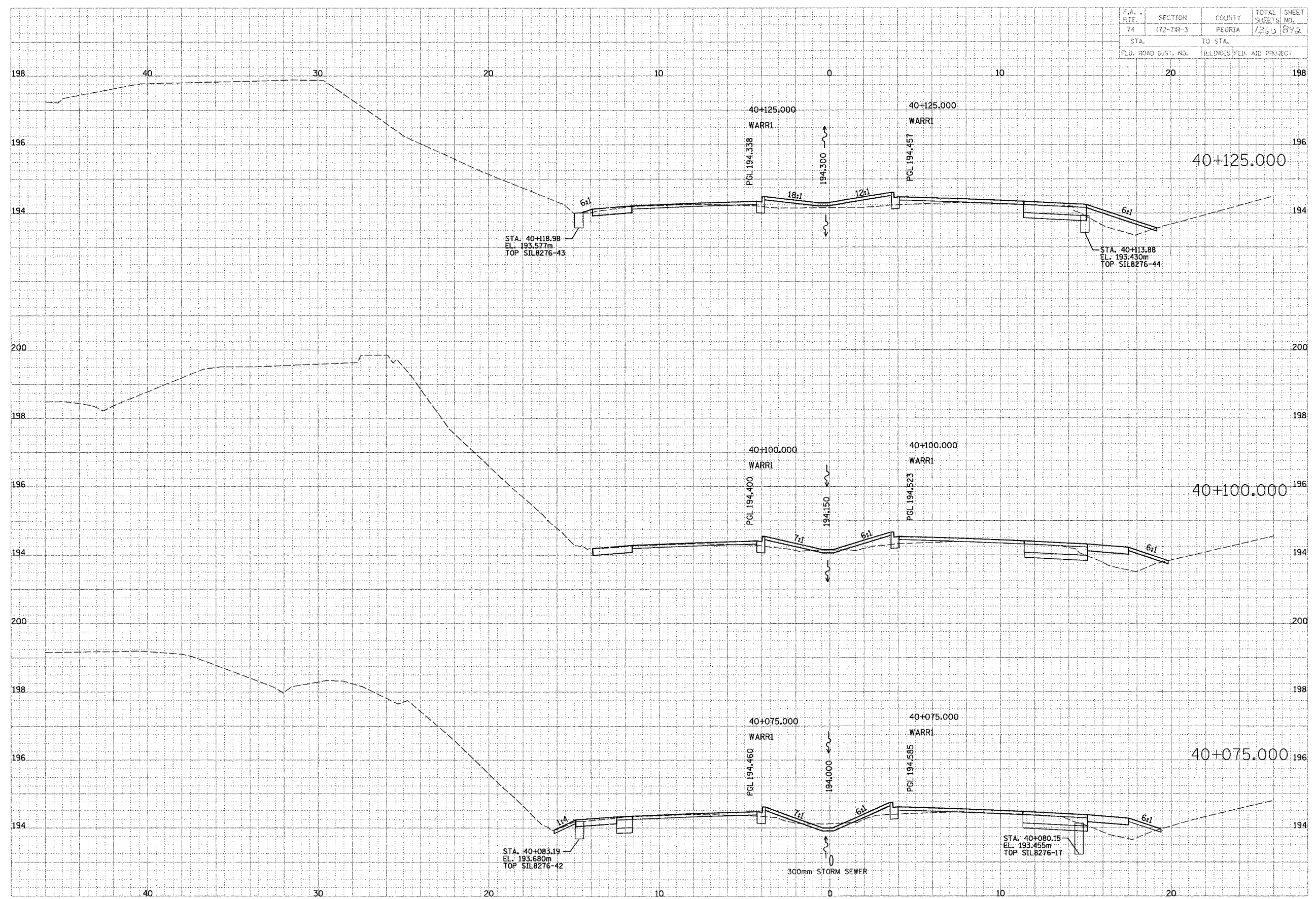
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-74R-3)	PEORIA	1360	842
STA. TO STA.		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.				

DRAWN: _____ DATE: _____
 CHECKED: _____
 DESIGNED: _____
 IN CHARGE: _____
 APPROVED: _____
 DATE: _____

PARSONS
TRANSPORTATION GROUP
 Engineers and Planners

DRAWN: _____ DATE: _____
 CHECKED: _____
 DESIGNED: _____
 IN CHARGE: _____
 APPROVED: _____
 DATE: _____



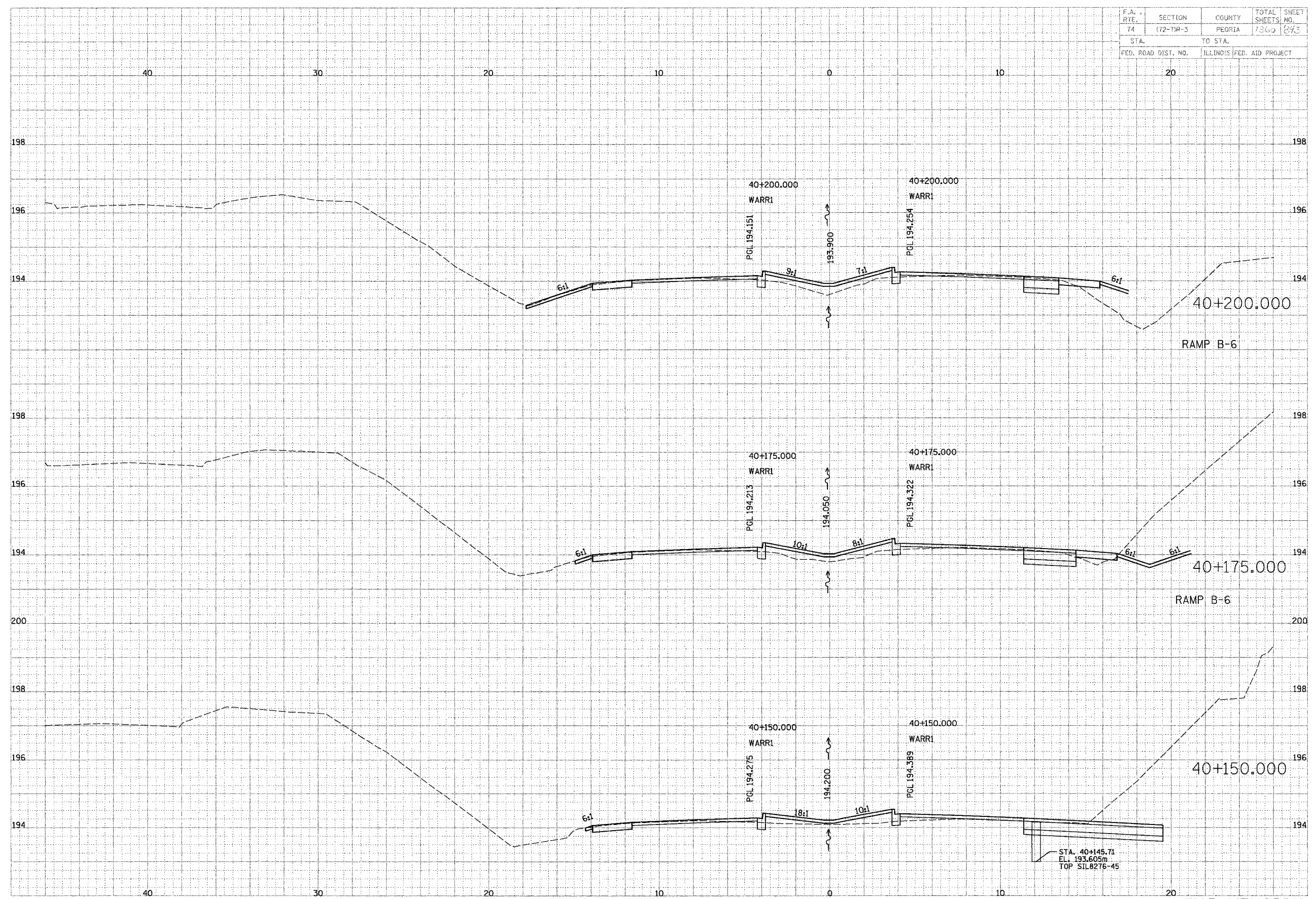
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	736	893
STA. TO STA.		ILLINOIS FED. AID PROJECT		

NO.	DATE	BY	REVISION

PARSONS TRANSPORTATION GROUP
 Engineers and Planners

NO.	DATE	BY	REVISION



STA. 40+145.71
 EL. 193.605m
 TOP SIL8276-45

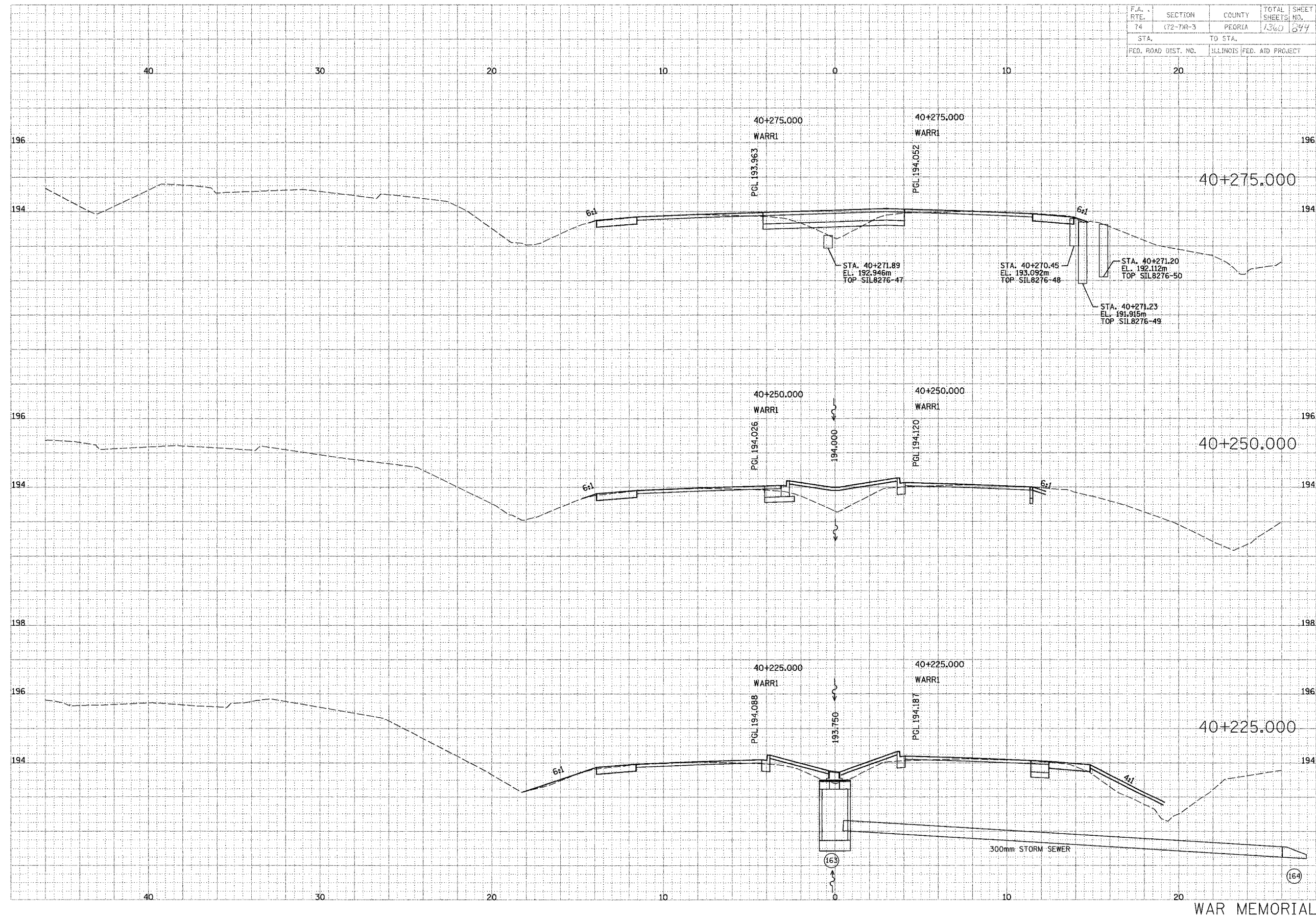
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-TM-3)	PEORIA	1360	844
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

DATE	BY

PARNAS
TRANSPORTATION GROUP
Engineers and Planners

DATE	BY



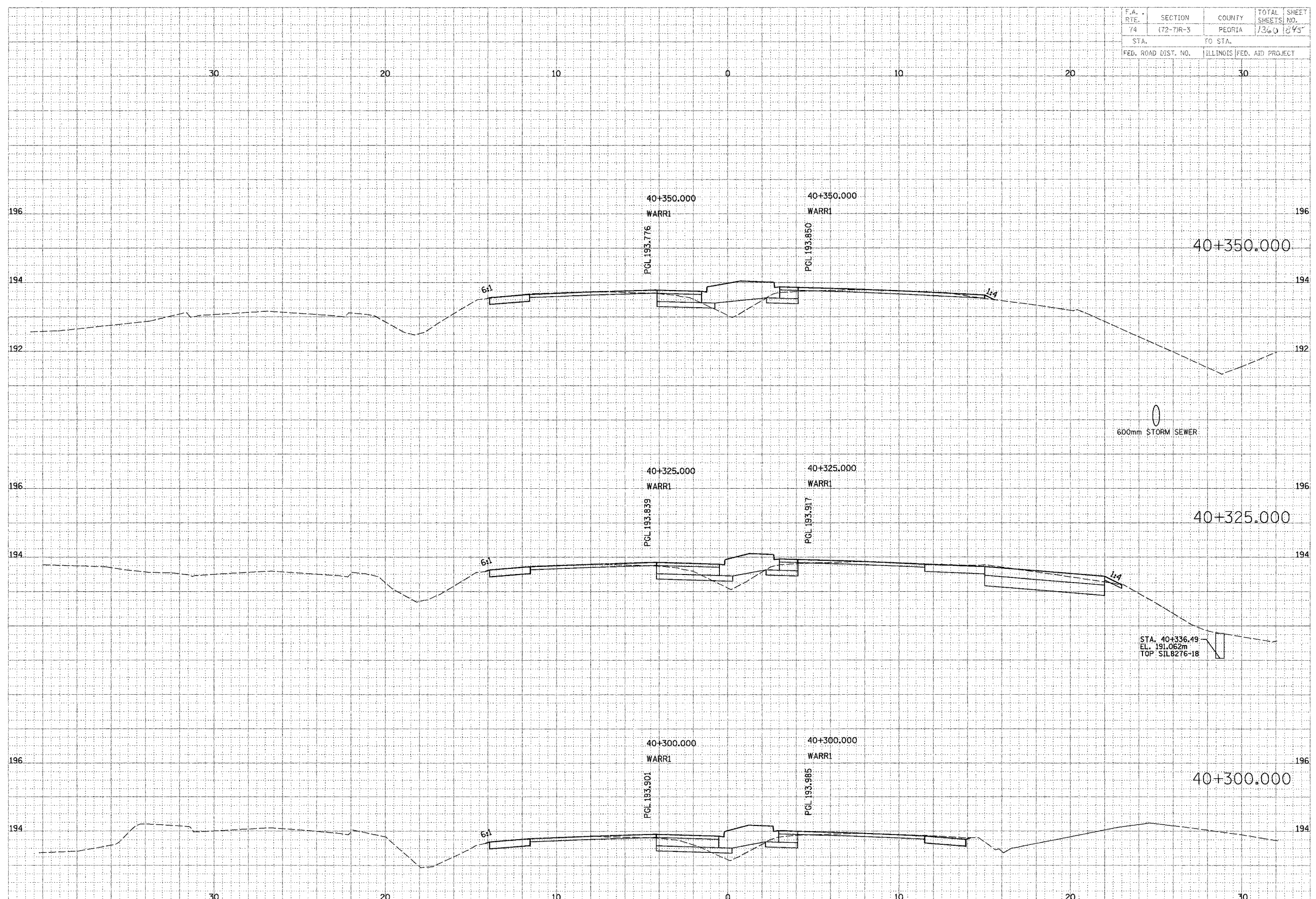
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	245
STA.		FO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL	SURVEYED	DATE
SURVEY	BOOK	
NOTE BOOK	DATE	
AREA	DATE	
AREA	DATE	

PAULSONS TRANSPORTATION DESIGN
Engineers and Planners

ORIGINAL	SURVEYED	DATE
SURVEY	BOOK	
NOTE BOOK	DATE	
AREA	DATE	
AREA	DATE	



40

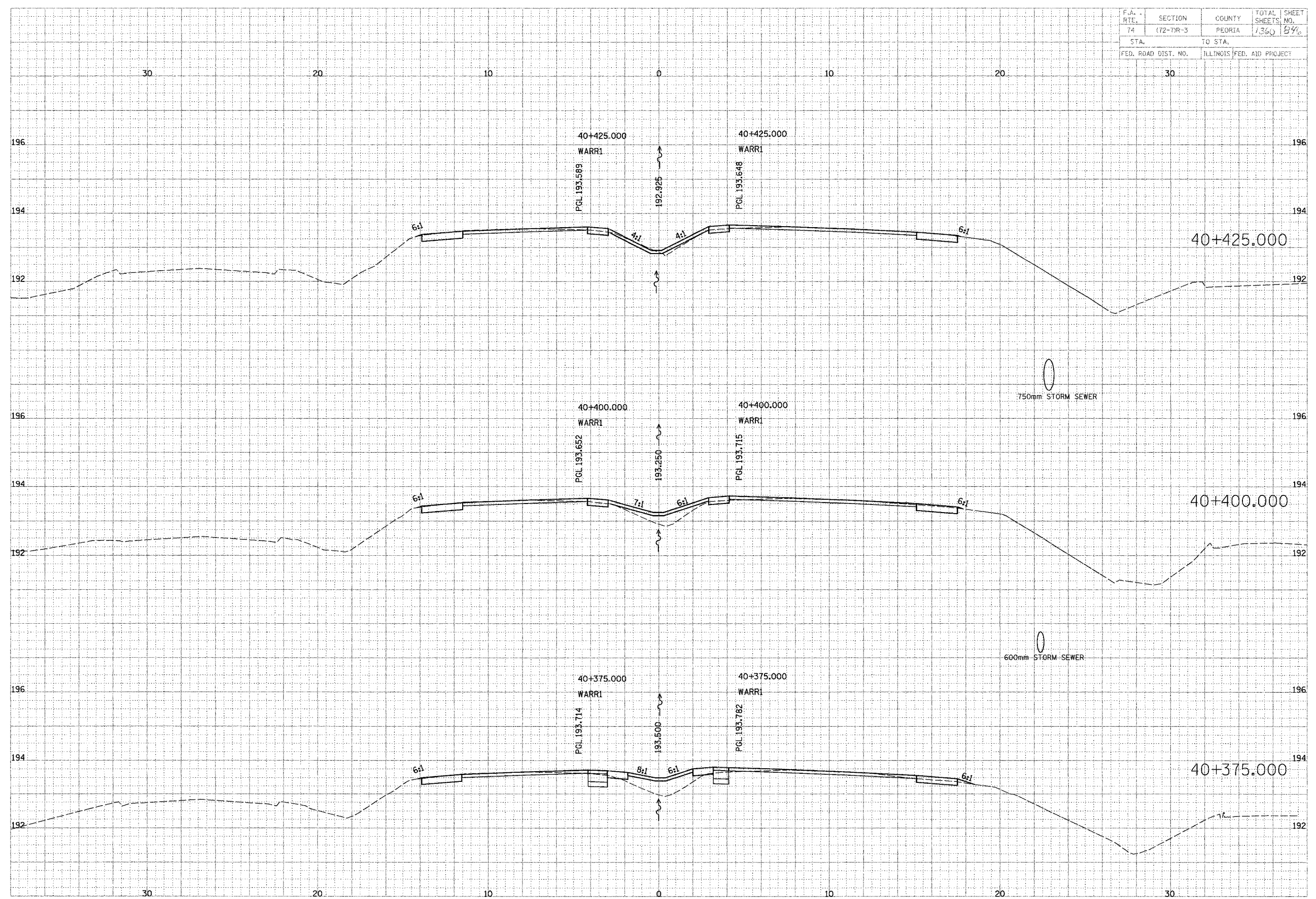
WAR MEMORIAL

F.A. RILEY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	136	89
STA. TO STA.		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION

PARSONS TRANSPORTATION GROUP
Engineers and Planners

DATE	BY	REVISION



750mm STORM SEWER

600mm STORM SEWER

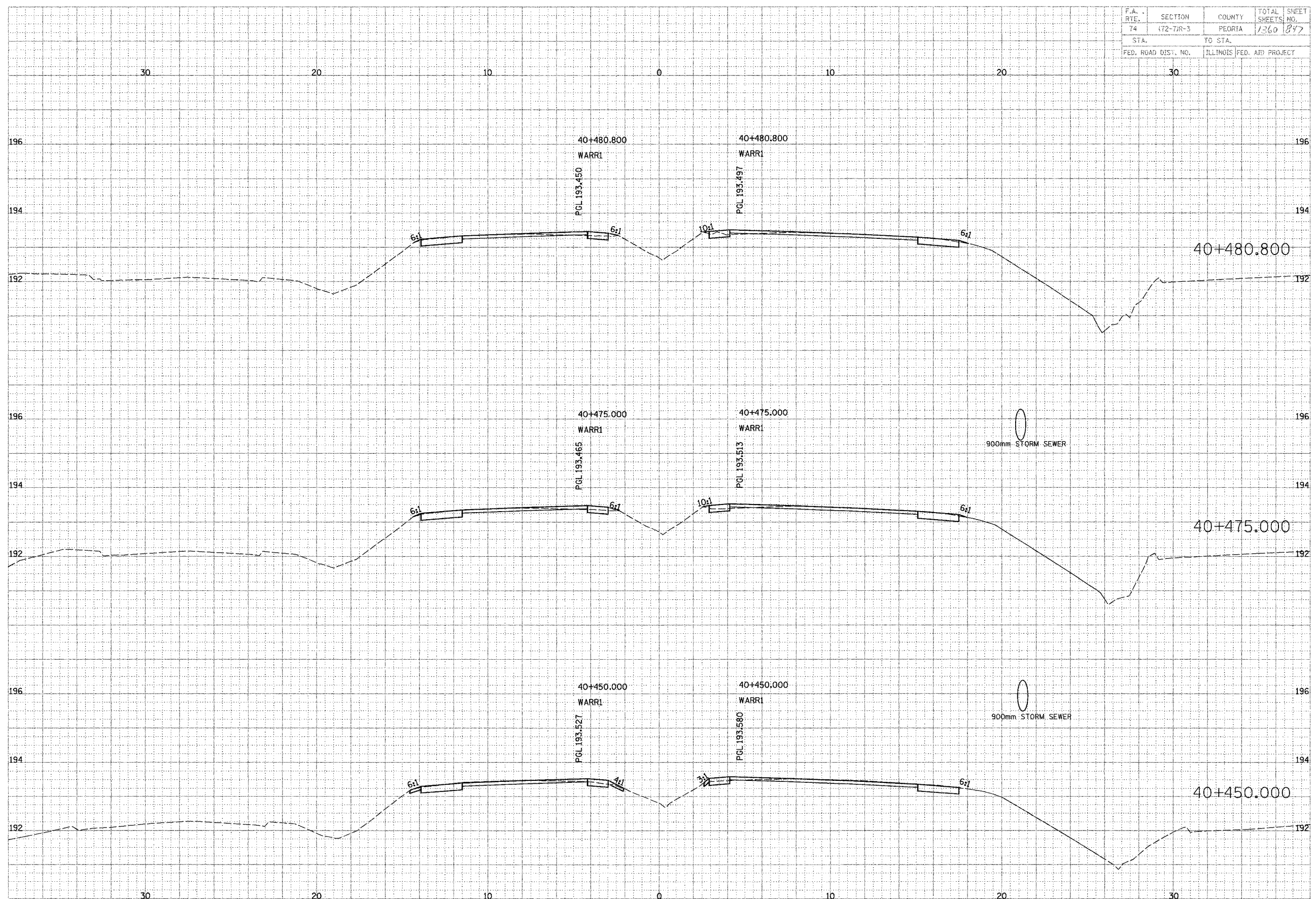
WAR MEMORIAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	472-73R-3	PEORIA	1360	847
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINN	DATE
SURVEY	BY
NOTE BOOK	NO.
AREA	DATE
PROJECT	NO.

SAARISJOU
TRANSPORTATION DESIGNERS
Engineers and Planners

ORIGINAL	DATE
SURVEY	BY
NOTE BOOK	NO.
AREA	DATE
PROJECT	NO.



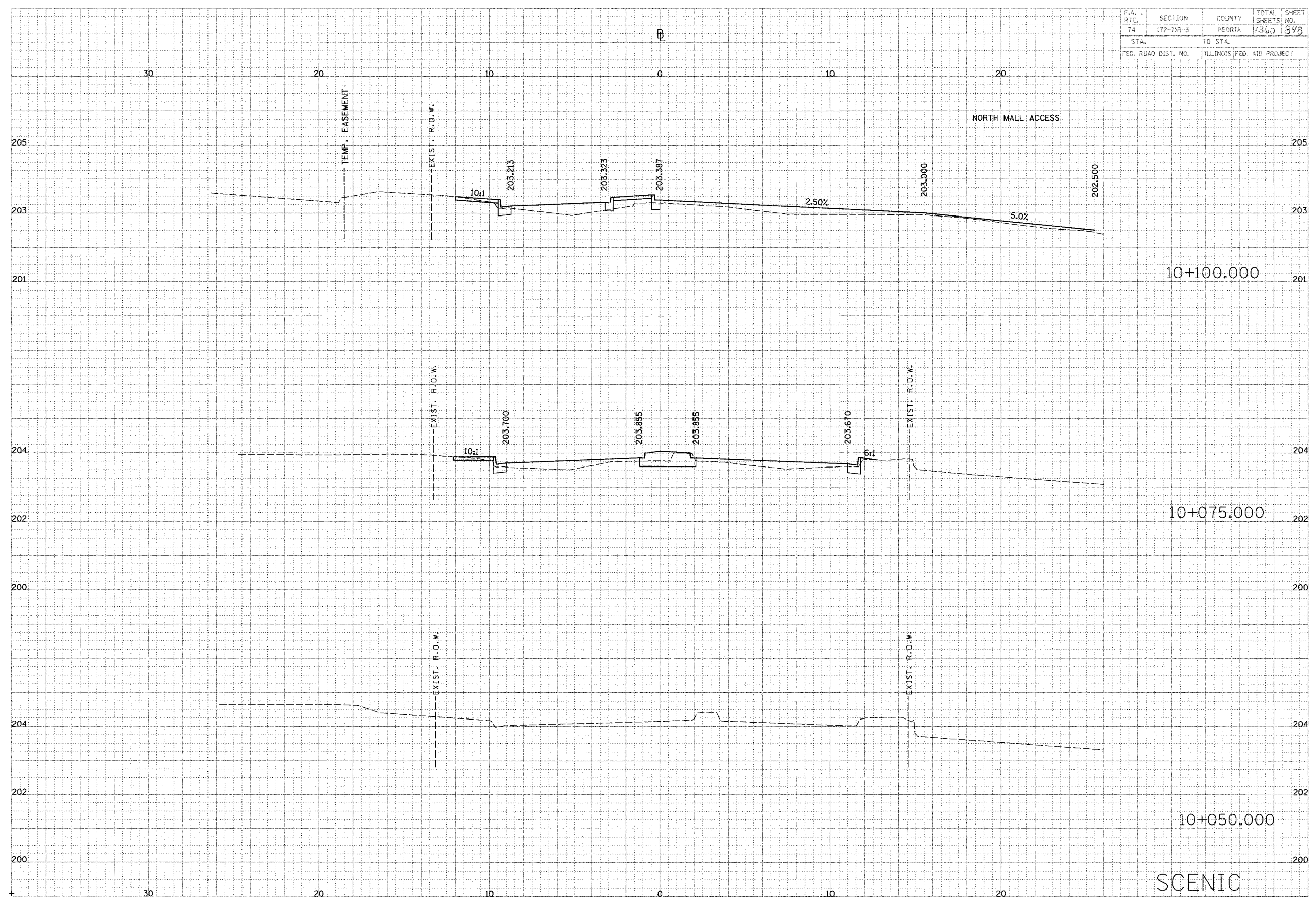
WAR MEMORIAL

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-74R-3	PEORIA	1360	1348
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE	BY	CHKD.
DATE	BY	CHKD.
DATE	BY	CHKD.

PARSONS
TRANSPORTATION GROUP
Engineers and Planners

DATE	BY	CHKD.
DATE	BY	CHKD.
DATE	BY	CHKD.

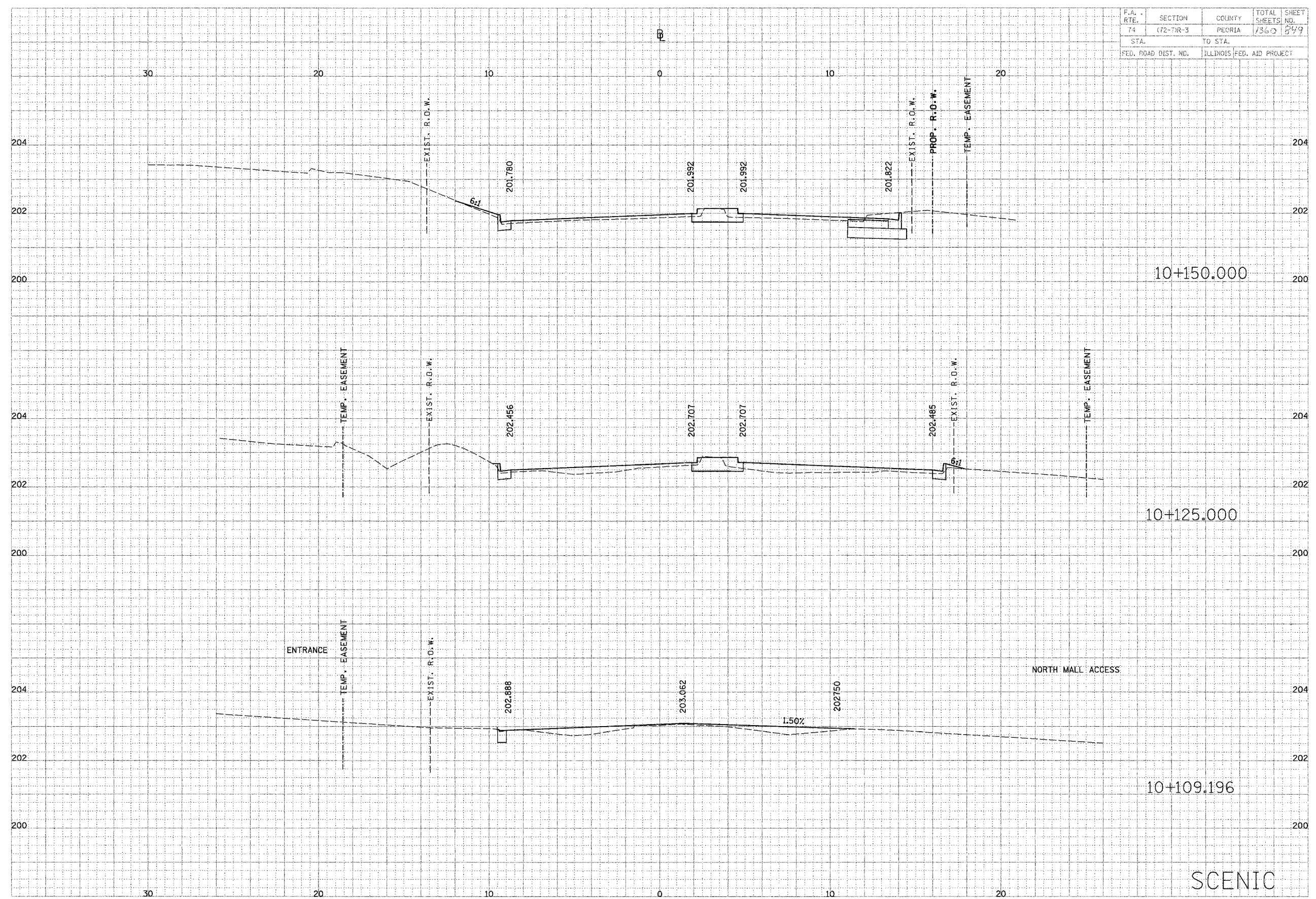


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-74R-3)	PEORIA	1360	849
STA. TO STA.		ILLINOIS FED. AID PROJECT		

FINI	DATE


HARRIS ENGINEERS, TRANSPORTATION ENGINEERS and PLANNERS
 ENGINEERS and PLANNERS

DATE	BY	REVISION



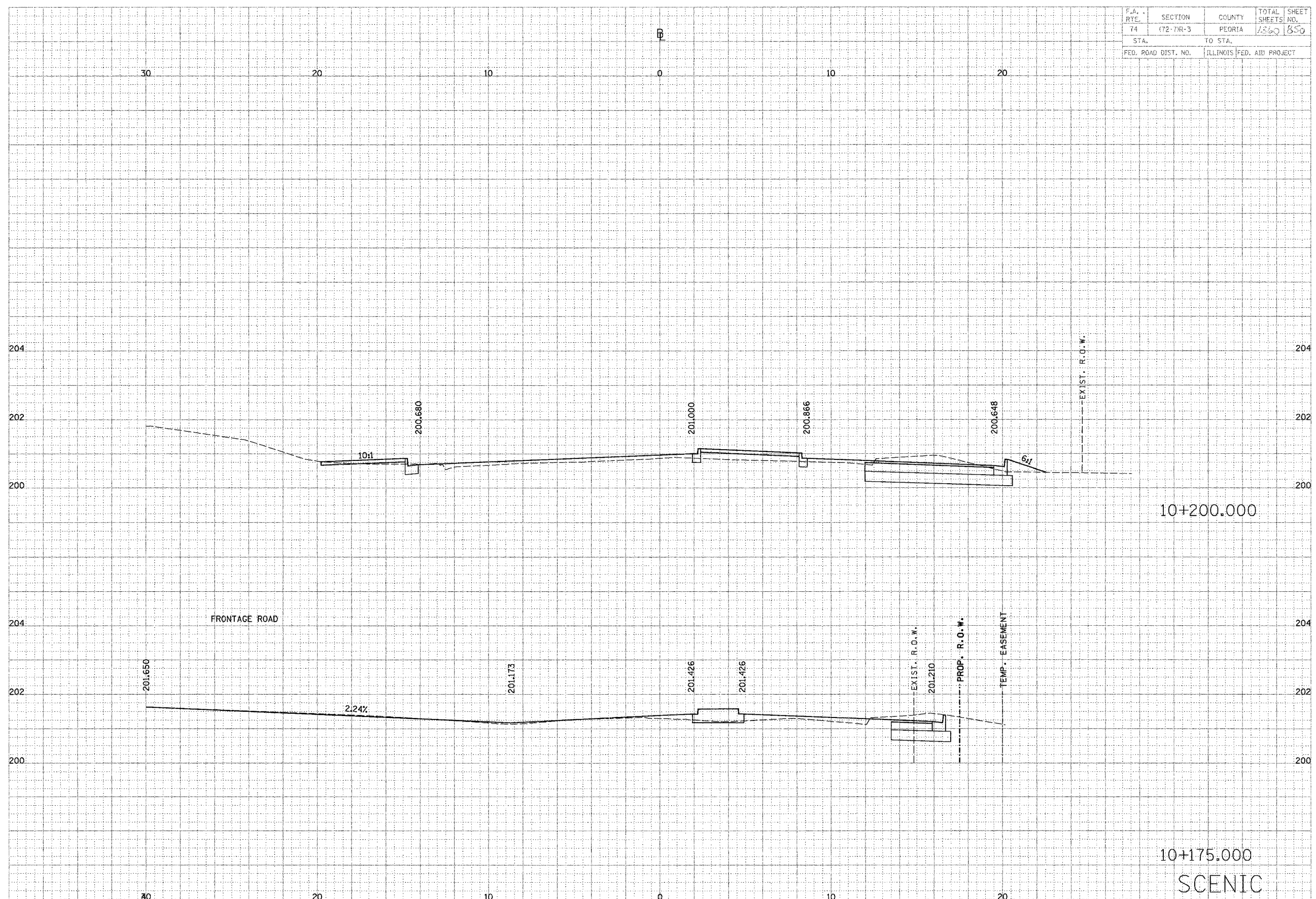
SCENIC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1340	850
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

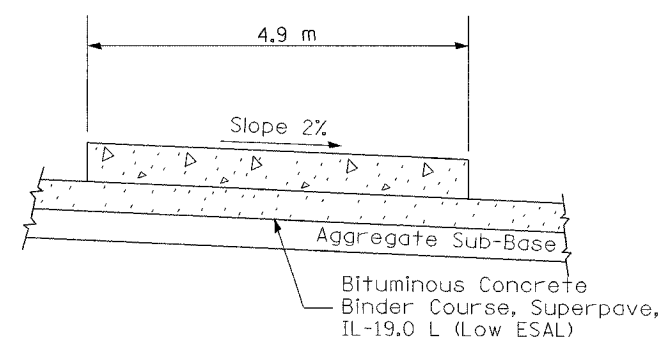
FINAL SURVEY	BY	DATE
SURVEY		
NOTE BOOK		
AREA		
DATE		

PARKSON TRANSPORTATION GROUP
 Engineers and Planners

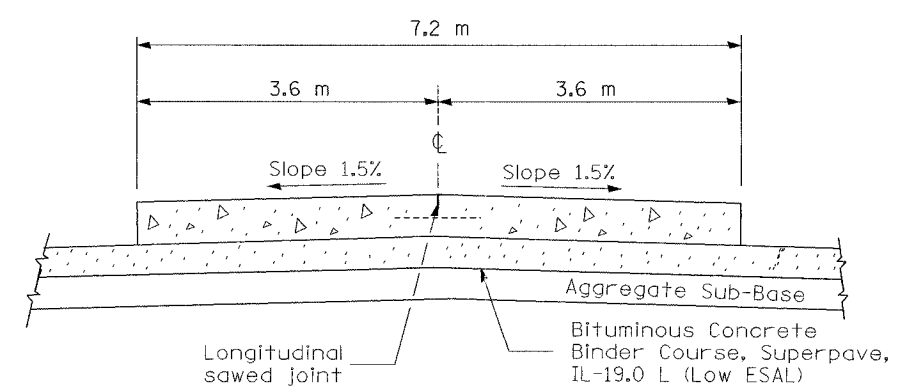
ORIGINAL SURVEY	BY	DATE
SURVEY		
NOTE BOOK		
AREA		
DATE		



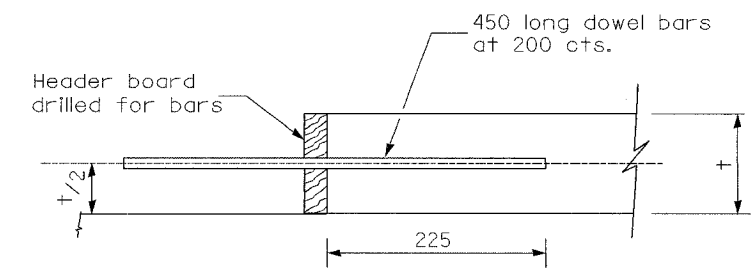
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1340	852
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



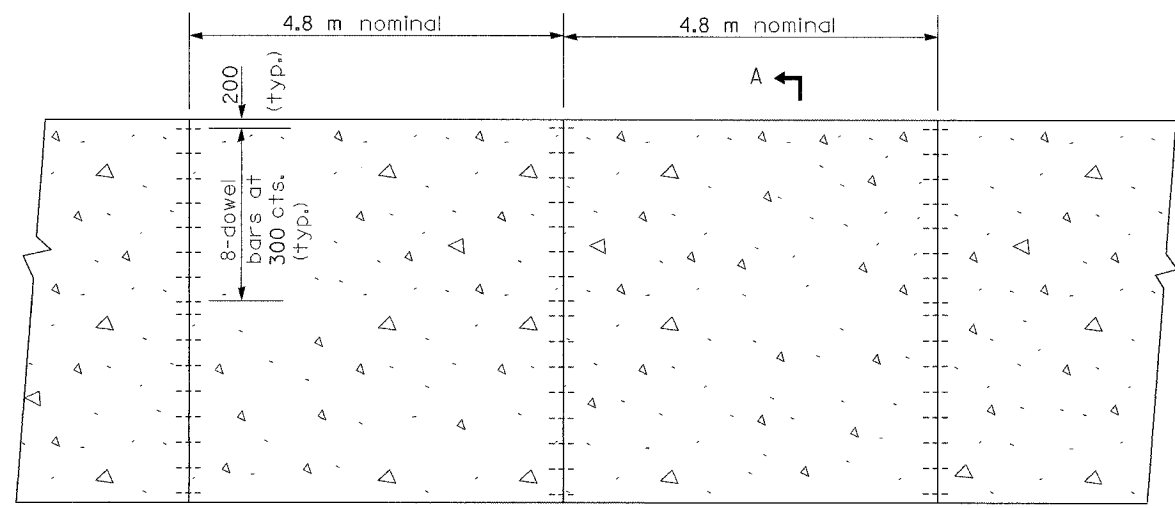
SECTION A-A
(TYPICAL 1-LANE RAMP WITH SHOULDERS)



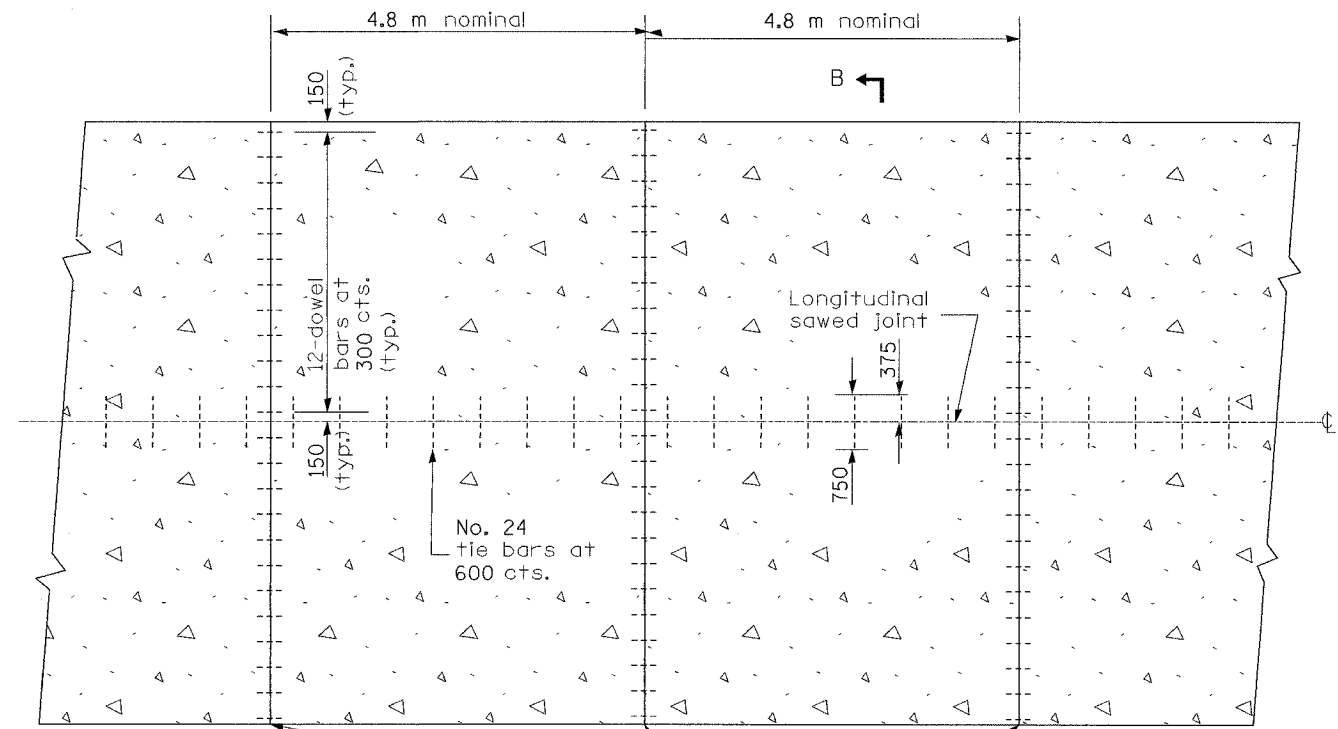
SECTION B-B
(TYPICAL 2-LANE RAMP WITH SHOULDERS)



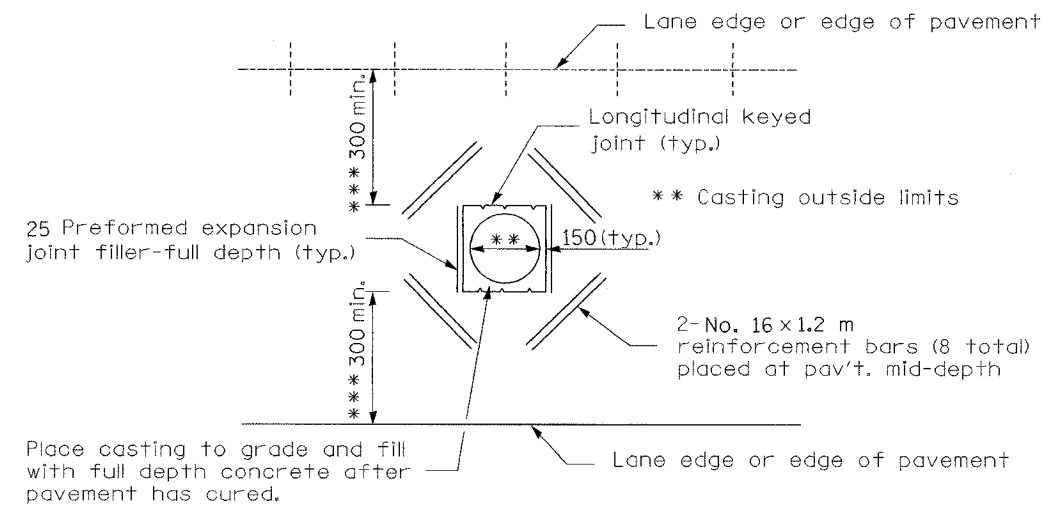
TRANSVERSE CONSTRUCTION JOINT



1-LANE RAMP PLAN



2-LANE RAMP PLAN



DETAIL OF ADDED REINFORCEMENT FOR PAVEMENT BLOCKS-OUTS

GENERAL NOTES

Details of joints as shown on Standard 420001 except as otherwise shown herein.
All dimensions are in millimeters unless otherwise shown.

A longitudinal sawed joint or a longitudinal construction joint with No. 24 tie bars at 600 cts. shall be provided when the width of ramp pavement exceeds 4.9 m.

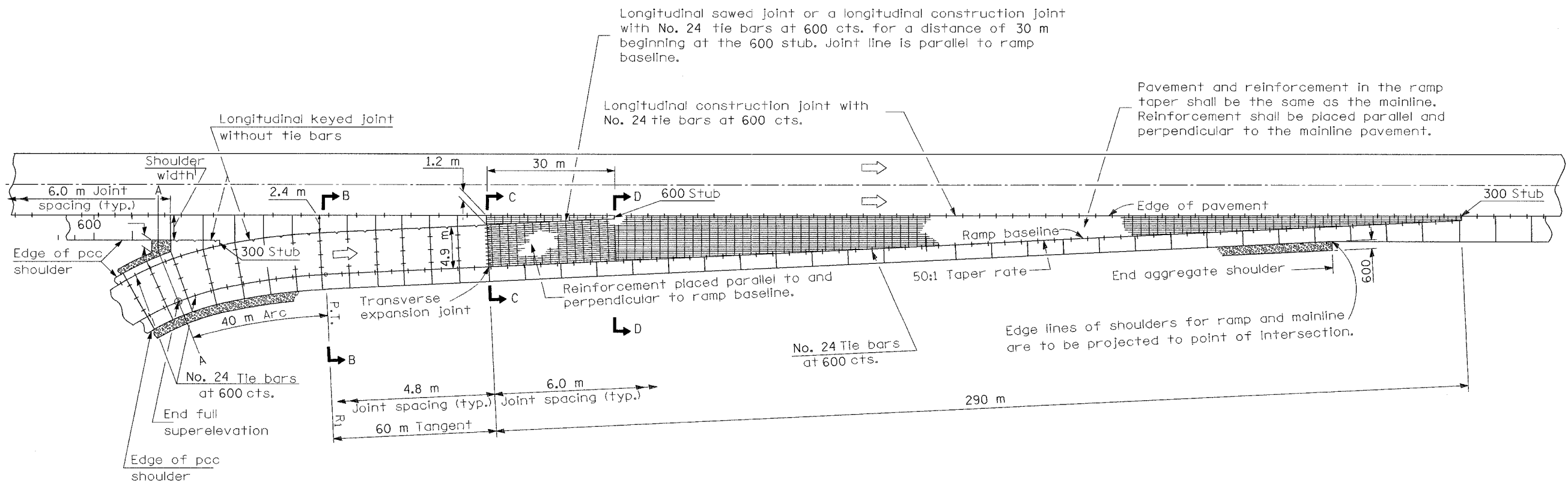
*** When the 300 minimum cannot be achieved, the transverse joints shall be extended to either the longitudinal joint or edge of pavement.

REVISIONS	
NAME	DATE
INC. COMMENTS	3/7/02
REM. ENGL.	3/22/02
REM C-JOINT	12/9/02
H.S. 2004	9/26/03

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-74 PROJECT STANDARD 420101-I74
JOINTED PCC PAVEMENT FOR RAMPS

DATE 9/21/01
DRAWN BY
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	653
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



PLAN

GENERAL NOTES

Detail of ramp terminal as shown on Standard 420206 except as otherwise shown herein.

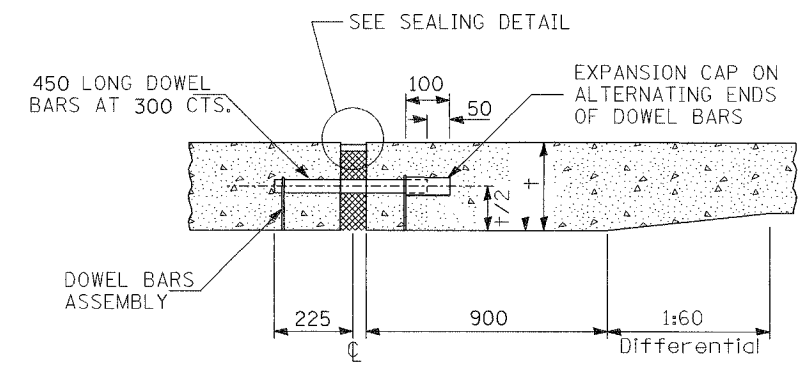
All pavement joints shall be detailed as shown on Standard 420001 and I-74 Project Standard 483001-I74 except as otherwise shown herein.

The mainline pavement/shoulder thickness and the ramp pavement/shoulder thickness should be transitioned at the transverse expansion joint and at the longitudinal keyed joint.

A longitudinal sawed joint or a longitudinal construction joint with No. 24 tie bars at 600 cts. shall be provided when the width of ramp pavement exceeds 4.9 m.

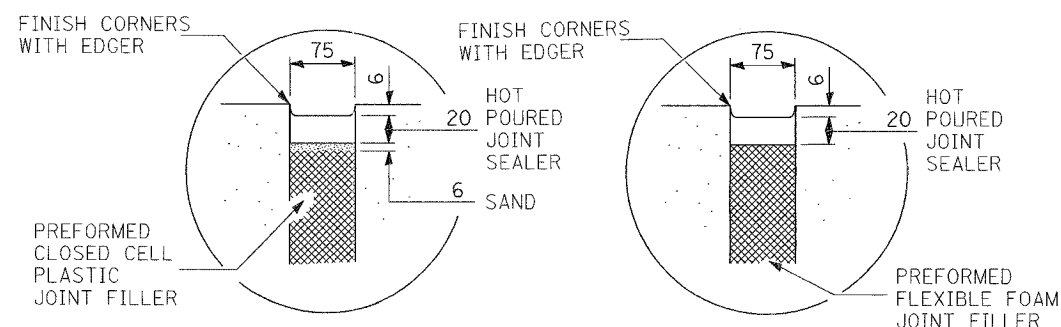
See I-74 Project Standard 483001-I74 for ramp shoulder details.

All dimensions are in millimeters unless otherwise shown.



TRANSVERSE EXPANSION JOINT *

* FOR EXPANSION JOINTS FORMED USING A CONSTRUCTION HEADER, THE EXPANSION CAPS SHALL BE INSTALLED ON THE EXPOSED END OF EACH BAR ONCE THE HEADER HAS BEEN REMOVED AND THE JOINT FILLER MATERIAL HAS BEEN INSTALLED

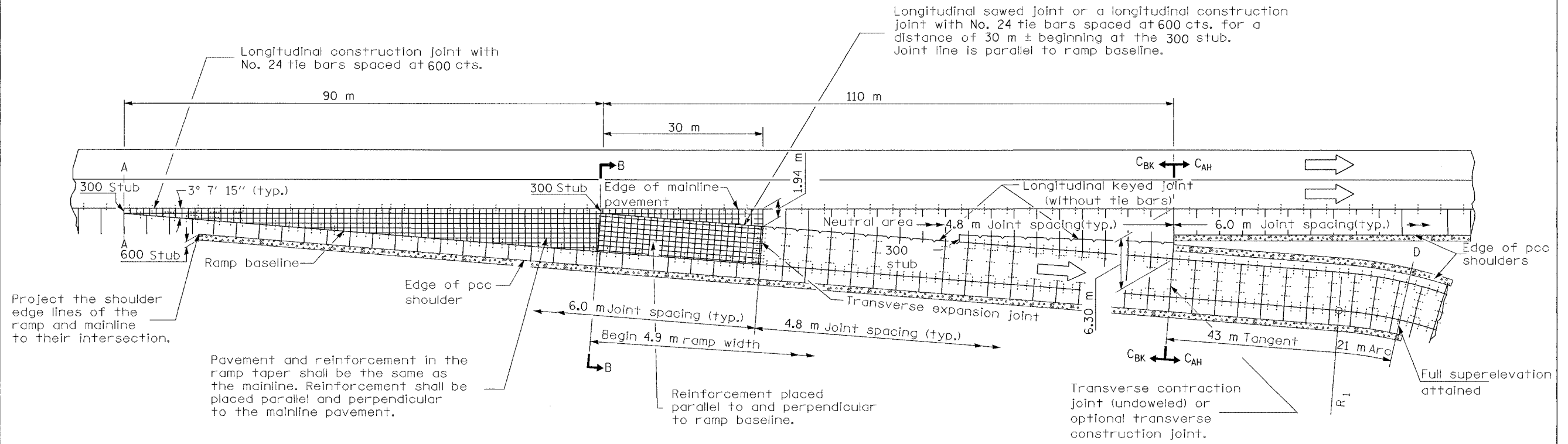


SEALING DETAIL

REVISIONS	
NAME	DATE
INC. COMMENTS	3/7/02
REM. ENGL.	3/22/02
REM. C. JOINT	4/17/02
ADD 3RD NOTE	8/15/02
H.S. 2004	9/26/03

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-74 PROJECT STANDARD 420206-I74
 TYPICAL ENTRANCE
 RAMP TERMINAL
 (JOINTED PCC RAMP ADJACENT TO CRC PAVEMENT)
 DRAWN BY
 DATE 02/26/2002
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1330	854
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



PLAN

BK = Back
AH = Ahead

GENERAL NOTES

Detail of ramp terminal as shown on Standard 420306 except as otherwise shown herein.

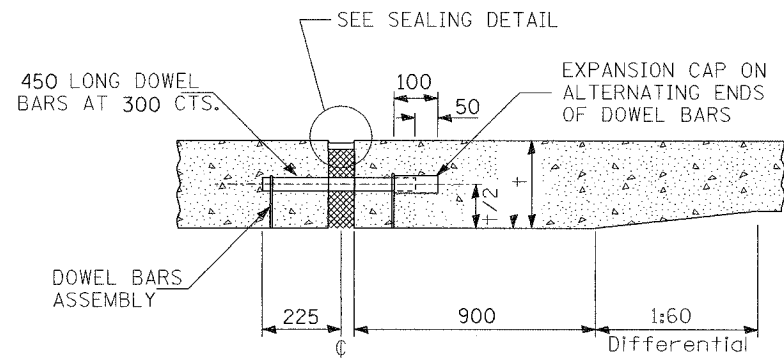
All pavement joints shall be detailed as shown on Standard 420001 and I-74 Project Standard 483001-174, except as otherwise shown herein.

The mainline pavement/shoulder thickness and the ramp pavement/shoulder thickness should be transitioned at the transverse expansion joint and at the longitudinal keyed joint.

A longitudinal sawed joint or a longitudinal construction joint with No. 24 tie bars at 600 cts. shall be provided when the width of ramp pavement exceeds 4.9 m.

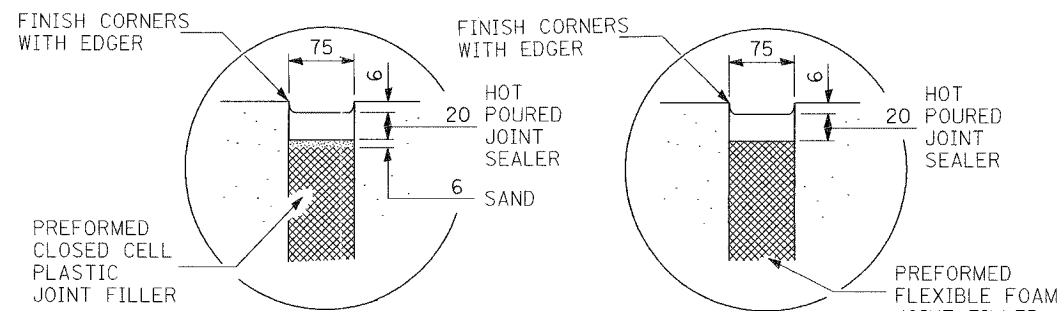
See I-74 Project Standard 483001-174 for ramp shoulder details.

All dimensions are in millimeters unless otherwise shown.



TRANSVERSE EXPANSION JOINT *

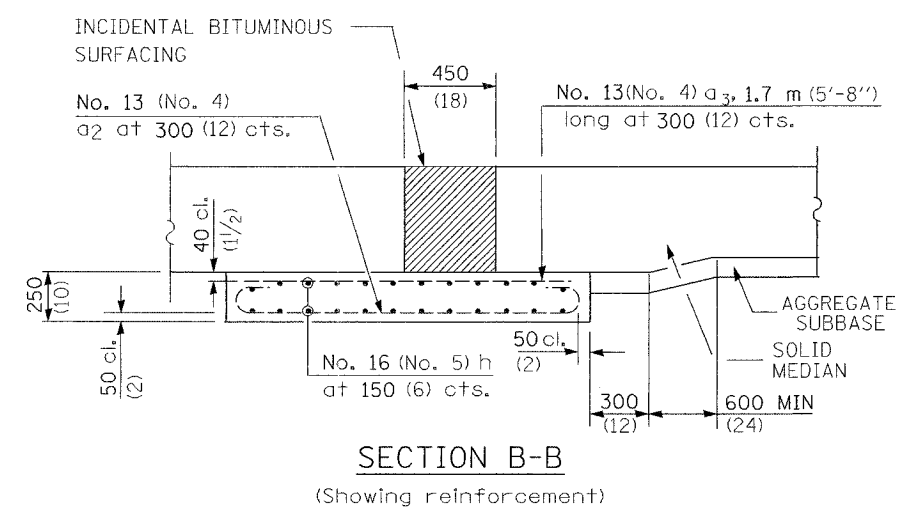
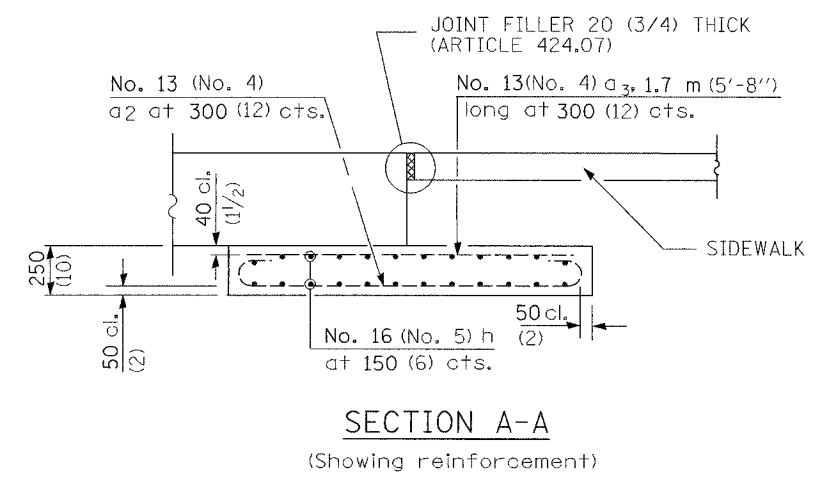
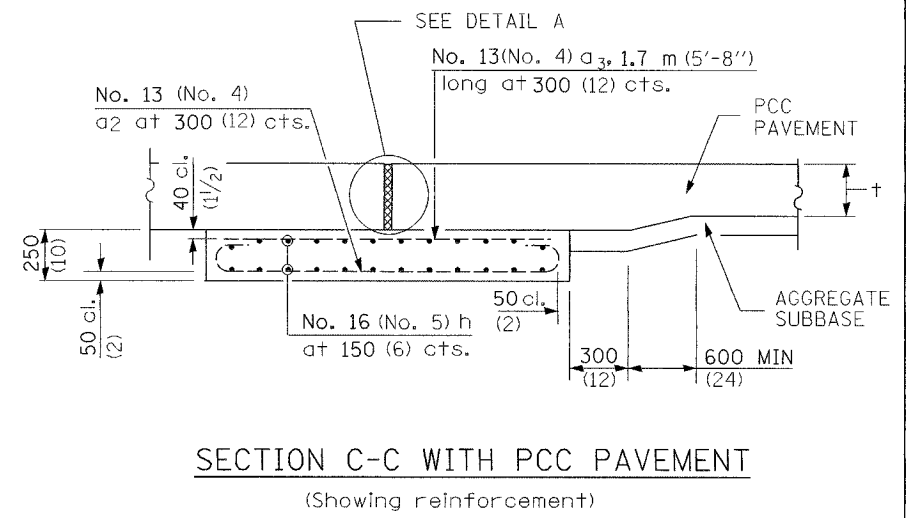
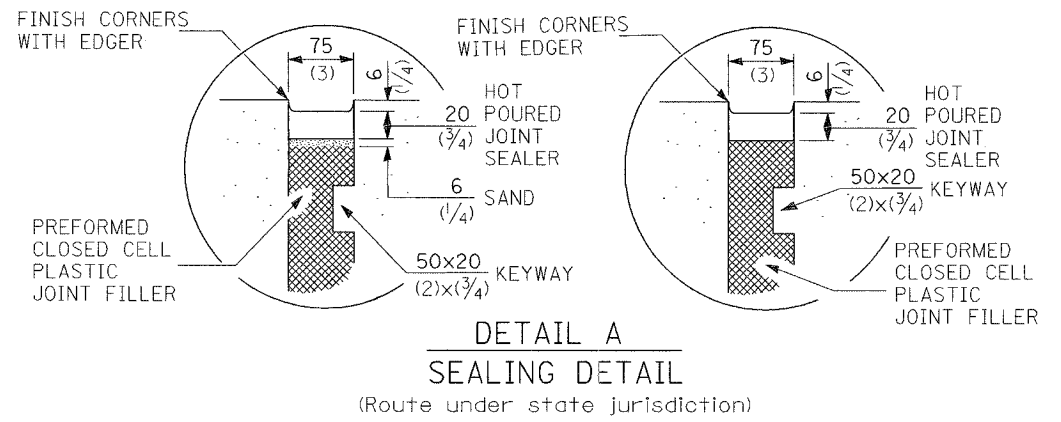
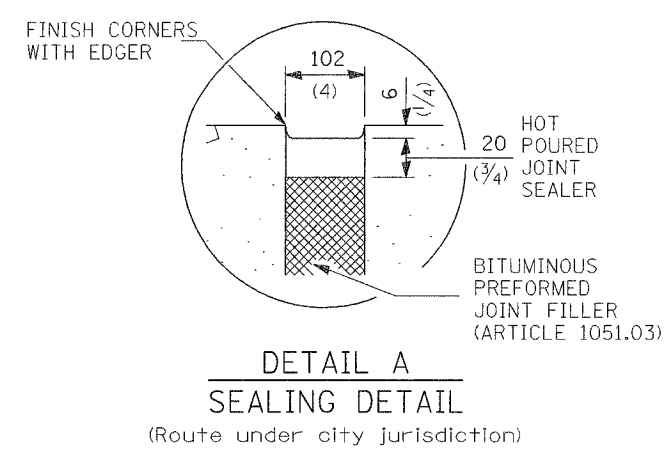
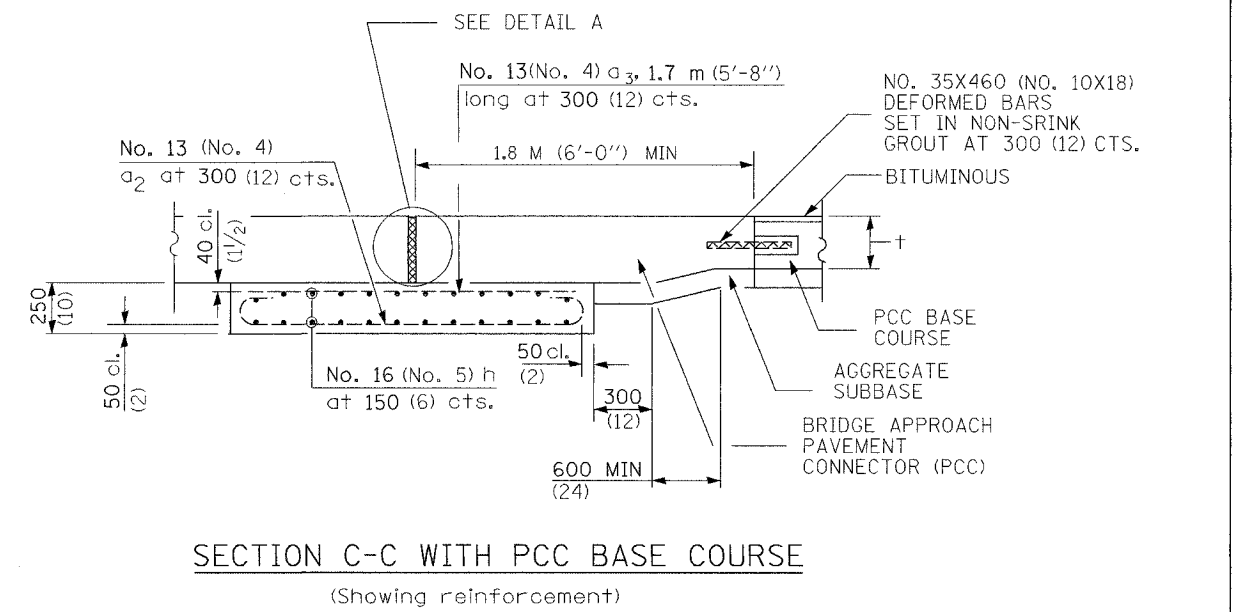
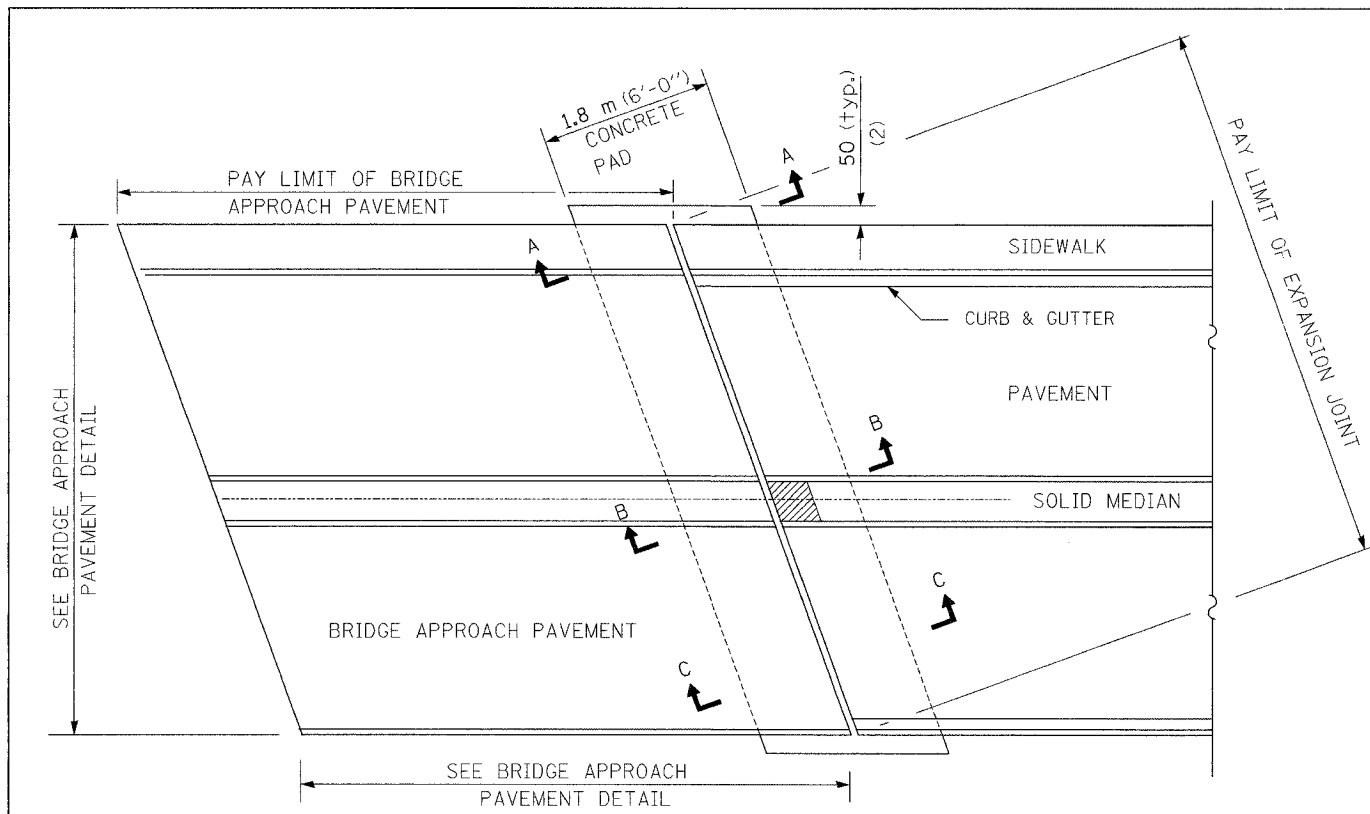
* FOR EXPANSION JOINTS FORMED USING A CONSTRUCTION HEADER, THE EXPANSION CAPS SHALL BE INSTALLED ON THE EXPOSED END OF EACH BAR ONCE THE HEADER HAS BEEN REMOVED AND THE JOINT FILLER MATERIAL HAS BEEN INSTALLED



SEALING DETAIL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION I-74 PROJECT STANDARD 420306-174 TYPICAL EXIT RAMP TERMINAL (Jointed PCC Ramp Adjacent To CRC Pavement)
NAME	DATE	
INC. COMMENTS	3/7/02	DRAWN BY CHECKED BY DATE 02/26/2002
REM. ENGL.	3/22/02	
REM. C. JOINT	4/17/02	
ADD 3RD NOTE	8/15/02	
JOINT SPACING	5/6/03	
H.S. 2004	9/26/03	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	855
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



GENERAL NOTES

THICKNESS-"t"=THICKNESS OF PAVEMENT

All dimensions are in millimeters (inches) unless otherwise shown.

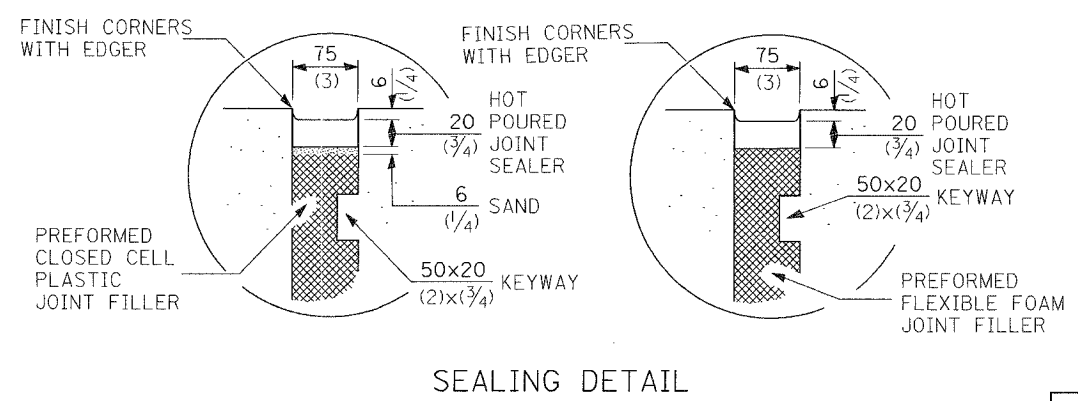
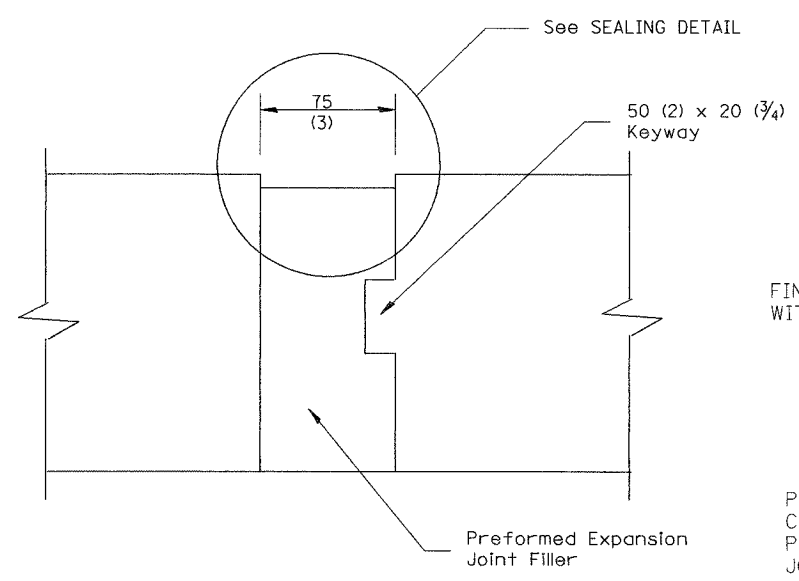
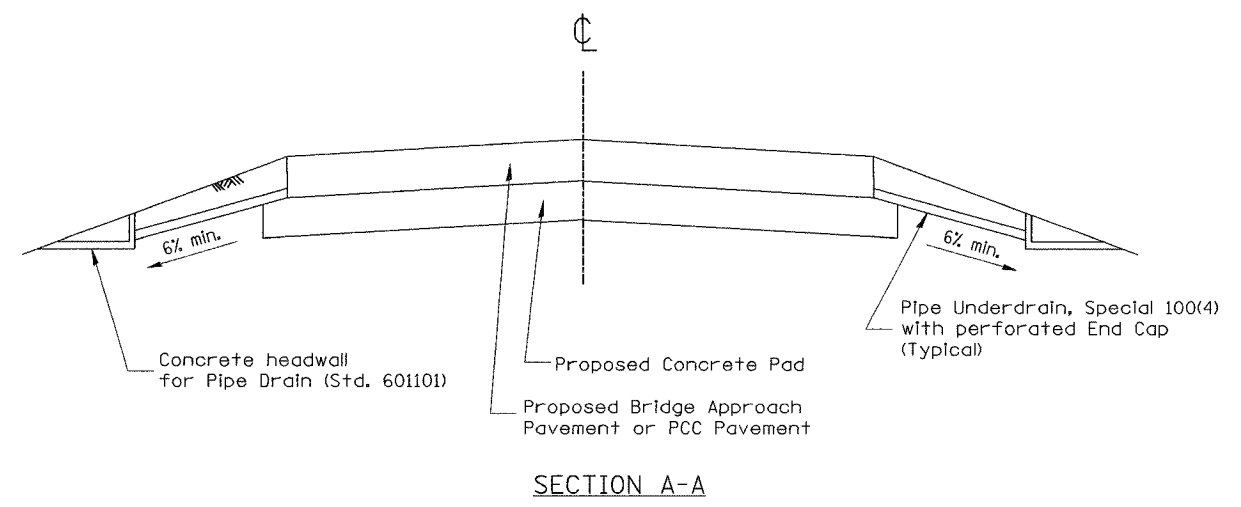
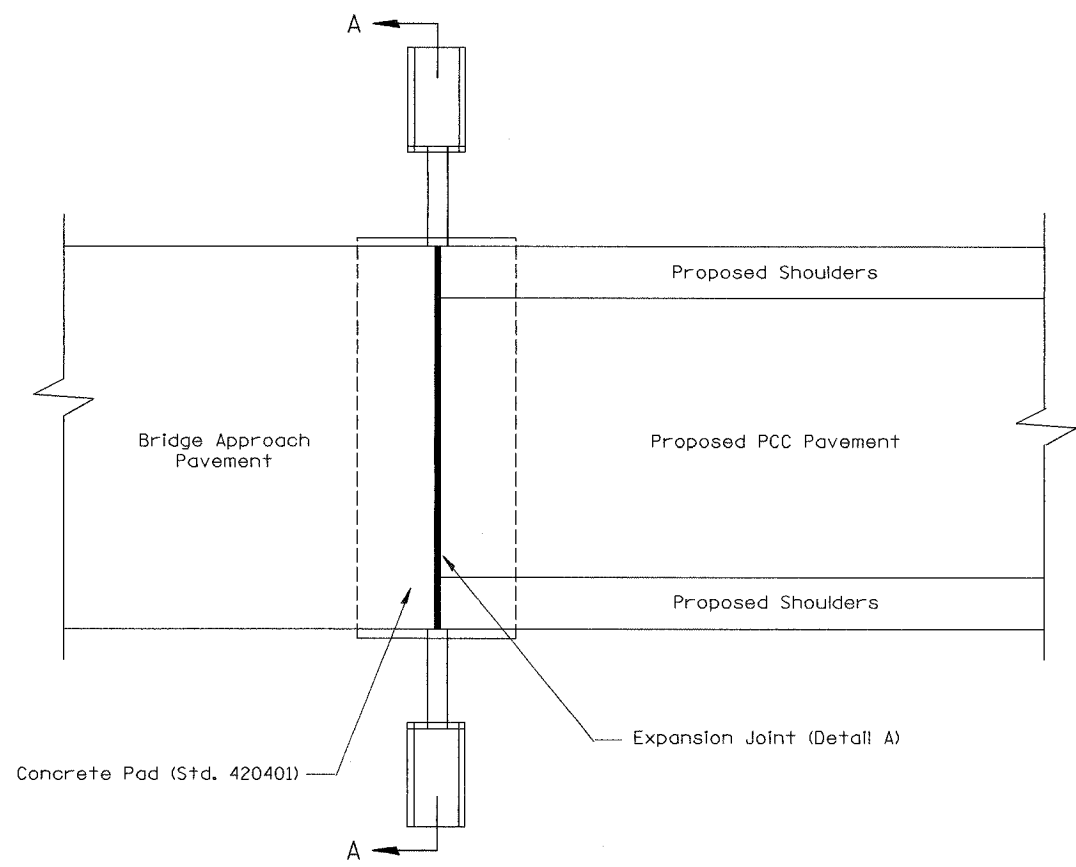
REVISIONS	
NAME	DATE
PRE	11/4/02
DETAIL A	12/31/02
H.S. 2004	9/26/03

ILLINOIS DEPARTMENT OF TRANSPORTATION
I74 PROJECT STANDARD 420401-I74
BRIDGE APPROACH PAVEMENT (SPECIAL)
EXPANSION JOINT

DATE 10/18/02

DRAWN BY
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			13	857
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



- GENERAL NOTES:**
1. All work shall be done in accordance with Standard 420401 and other plan details except as shown herein.
 2. The concrete headwalls and pipe underdrain special will be in accordance with Section 601.

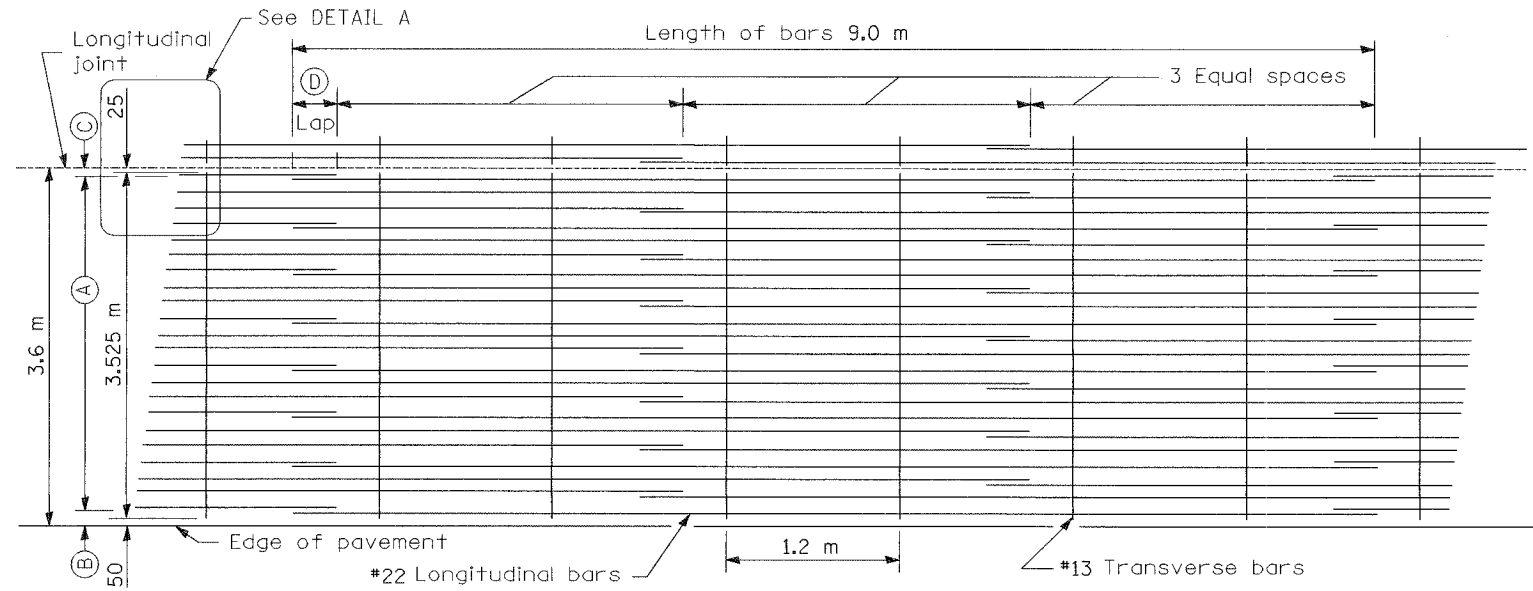
DESIGNER NOTES:
1. Include Standards 420001, 601101 and 420401 in plans.

Preformed Expansion Joint Filler shall meet the requirements of Article 1051.08 or 1051.09 and shall be supplied as 75 (3) in width. The expansion joint shall be constructed in accordance with Articles 420.10(c) and 420.14.

All dimensions are in millimeters (inches) unless otherwise noted.

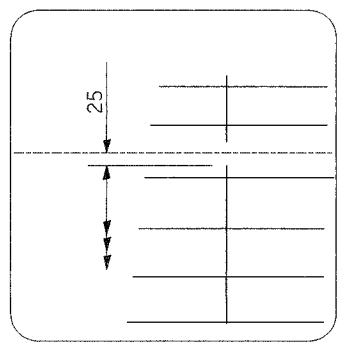
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION I-74 PROJECT STANDARD 420402-I74 MAINLINE AND RAMP BRIDGE APPROACH EXPANSION JOINT DETAIL
NAME	DATE	
H.S. 2004	9/26/03	DRAWN BY CHECKED BY DATE 11/14/02

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	857
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

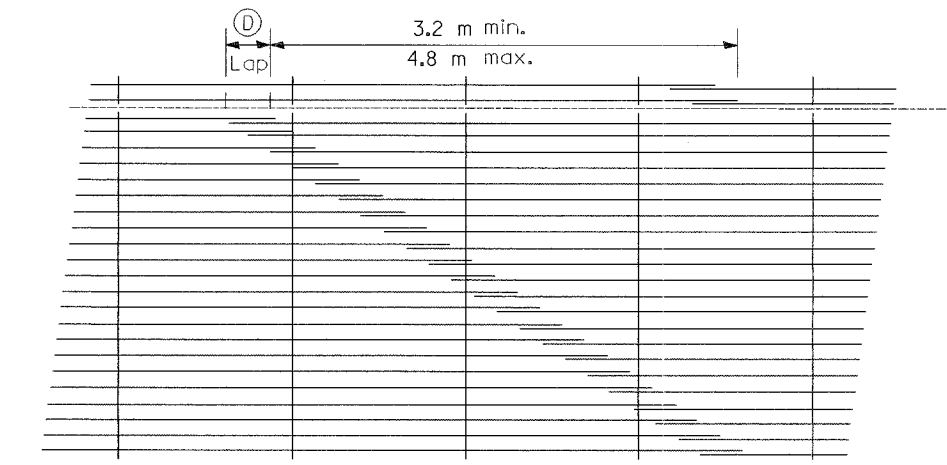


LAP DETAIL I

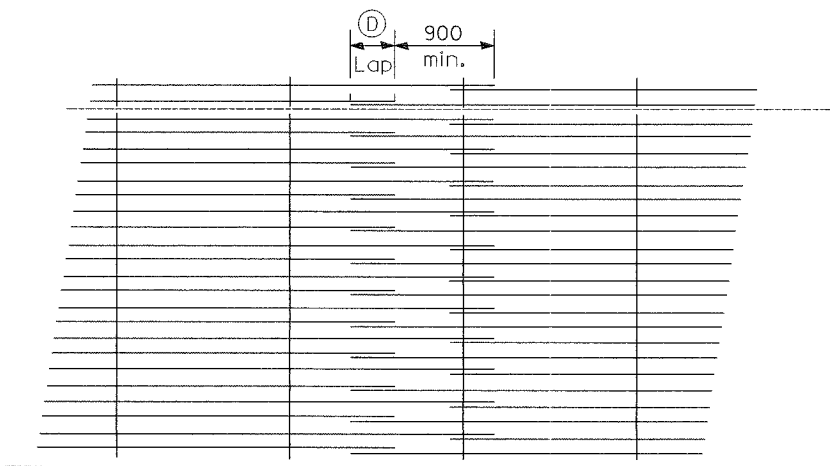
METRIC (mm)					
Bar Size	Pavement Thickness	(A) (Approx. Spacing)	(B)	(C)	(D)
#22	290	21 spaces (22 bars) @ 163	100	75	660



DETAIL A



LAP DETAIL II



LAP DETAIL III

GENERAL NOTES

Except as noted or shown the dimensions and notes specified for LAP DETAIL I are typical for LAP DETAIL II and III.

The (B) dimension and the distance from the end of the transverse bar to the edge of pavement may be increased by 25 mm for slip form paving.

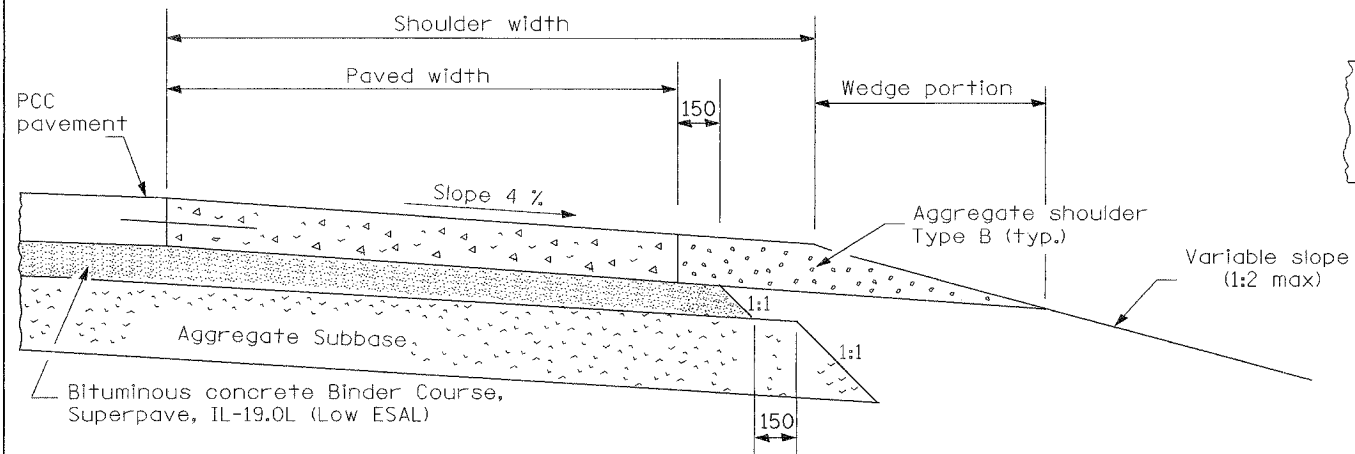
All dimensions are in millimeters unless otherwise shown.

REVISIONS	
NAME	DATE
REVISED TABLE	3/7/02
H.S. 2003	9/26/03

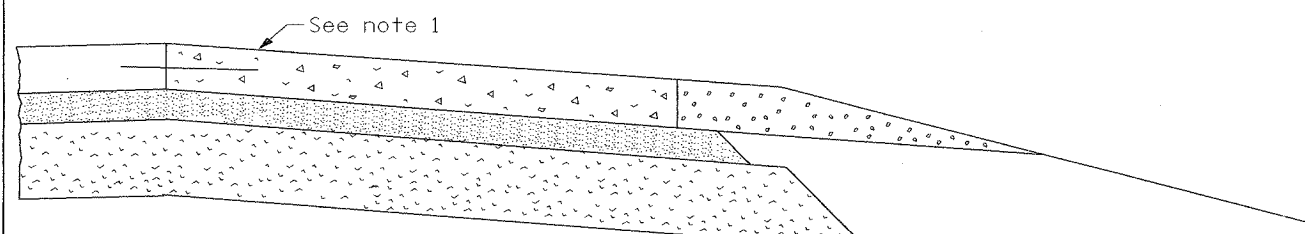
ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-74 PROJECT STANDARD 421001-I74
 BAR REINFORCEMENT
 FOR CRC PAVEMENT

DATE 9/21/01

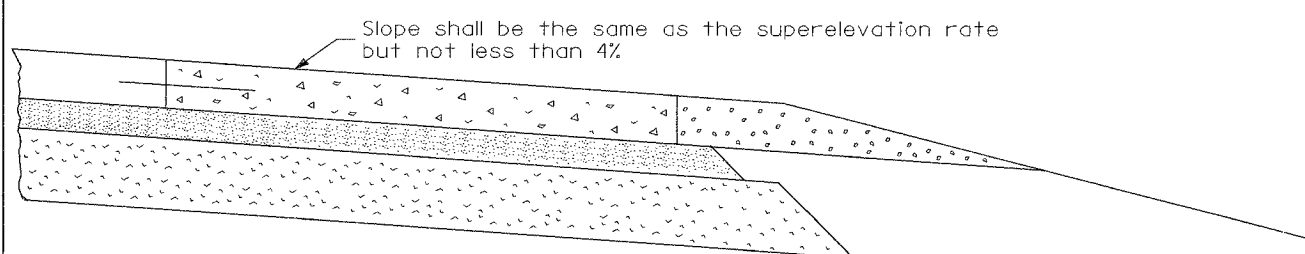
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	858
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



SHOULDER FOR TANGENT PAVEMENT



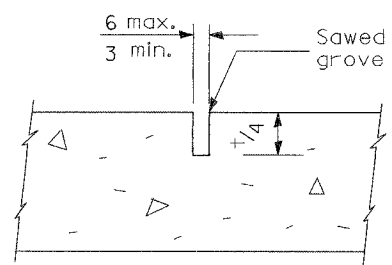
SHOULDER FOR SUPERELEVATED PAVEMENT (Outside of curve)



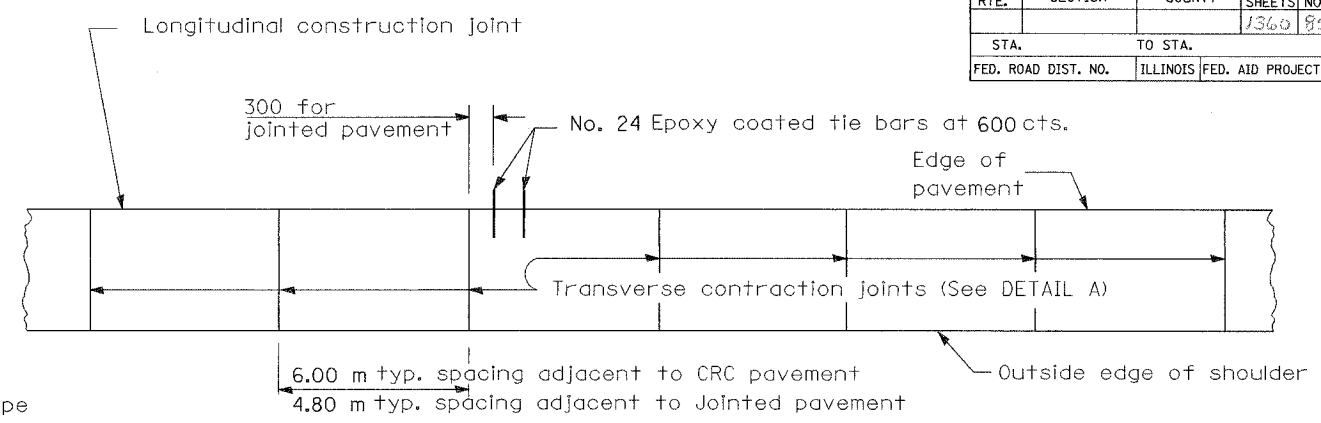
SHOULDER FOR SUPERELEVATED PAVEMENT (Inside of curve)

NOTES

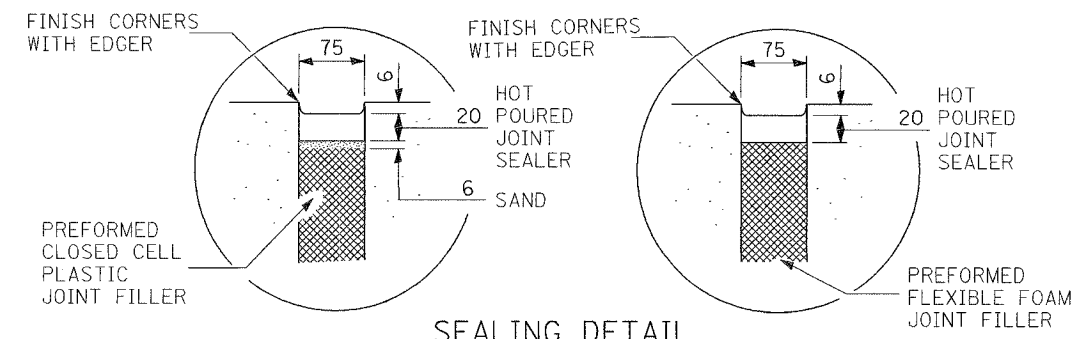
Note 1: When the superlevation rate of the pavement is between 0% and 4%, the shoulder shall be sloped at 4%. When the superlevation rate of the pavement exceeds 4%, the shoulder shall be sloped so that the algebraic difference between pavement and shoulder slopes will not be greater than 8%.



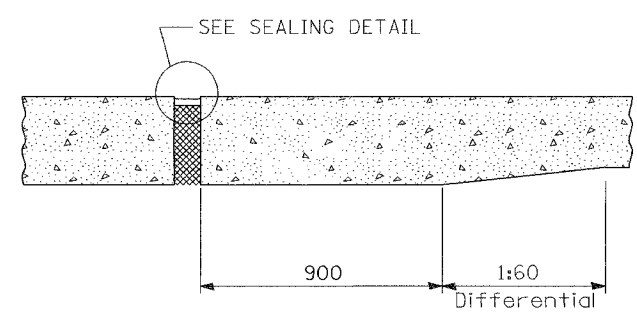
**DETAIL A
TRANSVERSE CONTRACTION JOINT**



PLAN

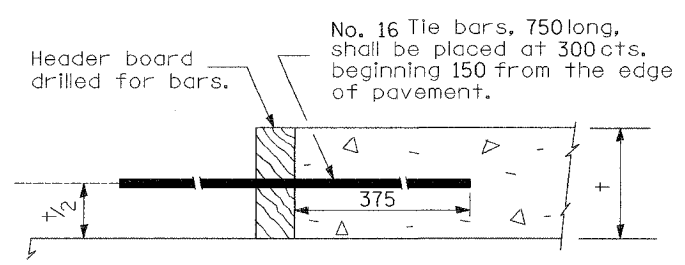


SEALING DETAIL



TRANSVERSE EXPANSION JOINT *

* TRANSITION FOR PAVEMENT WITH UNEQUAL THICKNESS AS APPLICABLE



TRANSVERSE CONSTRUCTION JOINT

GENERAL NOTES

Except as noted or shown, the dimensions and notes specified for the shoulder of the tangent pavement are typical for the shoulders of superelevated pavement.

Transverse expansion joints thru the pavement, shall be extended thru the PCC shoulder.

Longitudinal construction joint(s) or longitudinal sawed joint(s) as shown on Standard 420001 shall be provided when the width of paved shoulder exceeds 4.5 m so that width between longitudinal joints does not exceed 4.5 m

Details of joints as shown on Standard 420001 except as otherwise shown herein

All dimensions are in millimeters unless otherwise shown.

REVISIONS	
NAME	DATE
INC. COMMENTS	3/7/02
REM. ENGL.	3/22/02
REV. TITLE	7/25/03
H.S. 2004	9/26/03

ILLINOIS DEPARTMENT OF TRANSPORTATION

I-74 PROJECT STANDARD 483001-I74

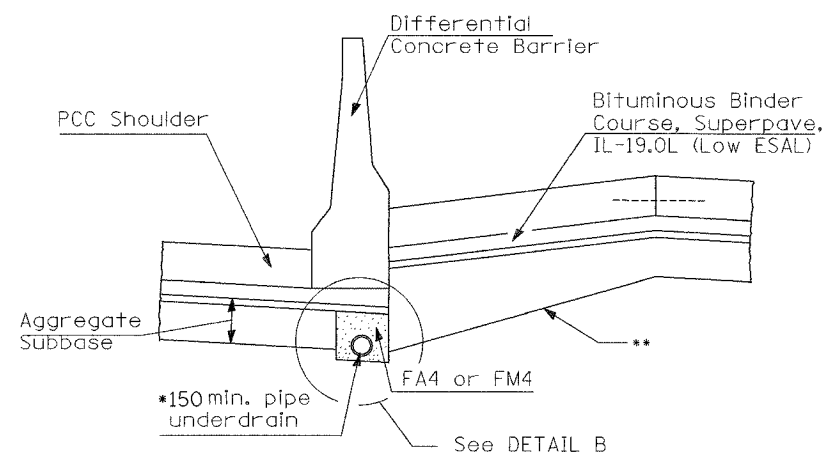
PCC SHOULDER FOR MAINLINE AND RAMPS

DRAWN BY _____

CHECKED BY _____

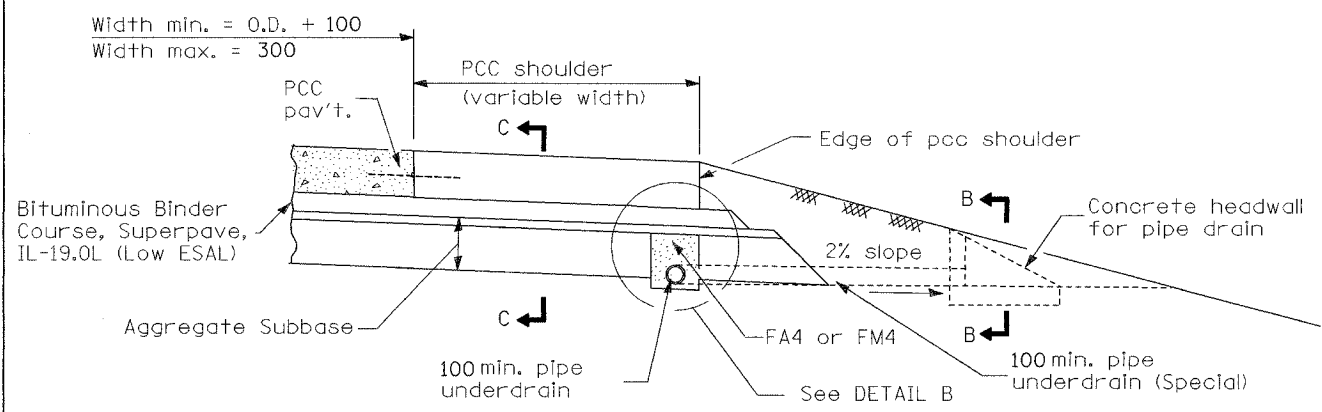
DATE 09/21/01

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
			1360 1859
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

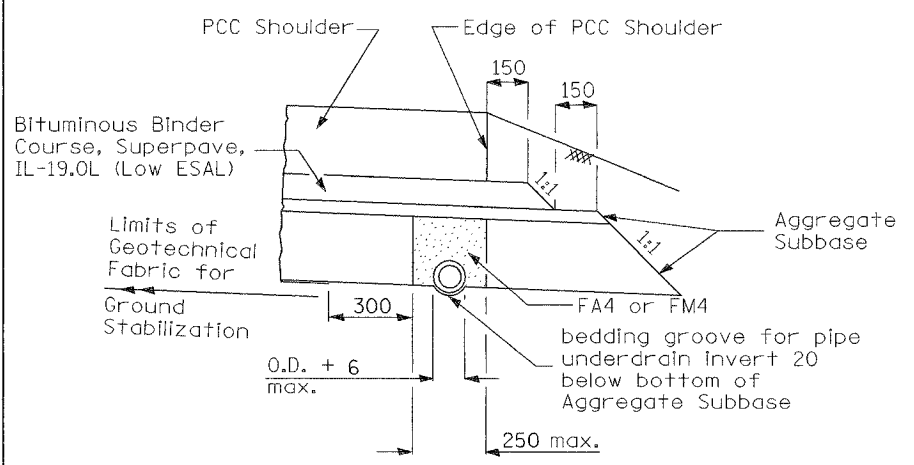


- * Pipe Underdrain shall be placed in the first stage constructed
- ** Transition bottom of aggregate subbase from edge of pavement to match elevation of aggregate subbase on lower side of barrier

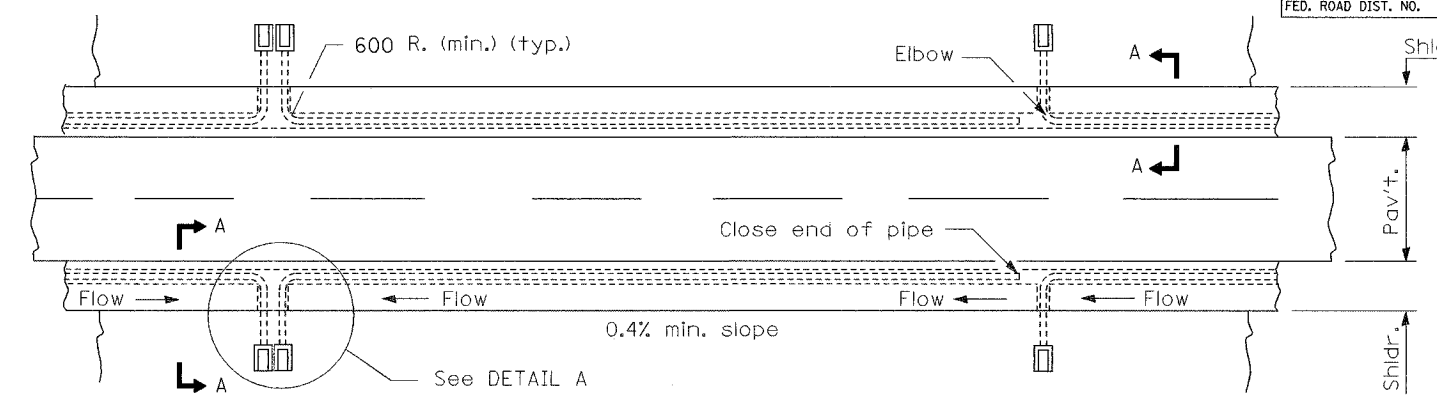
AT LOCATION WITH DIFFERENTIAL BARRIER



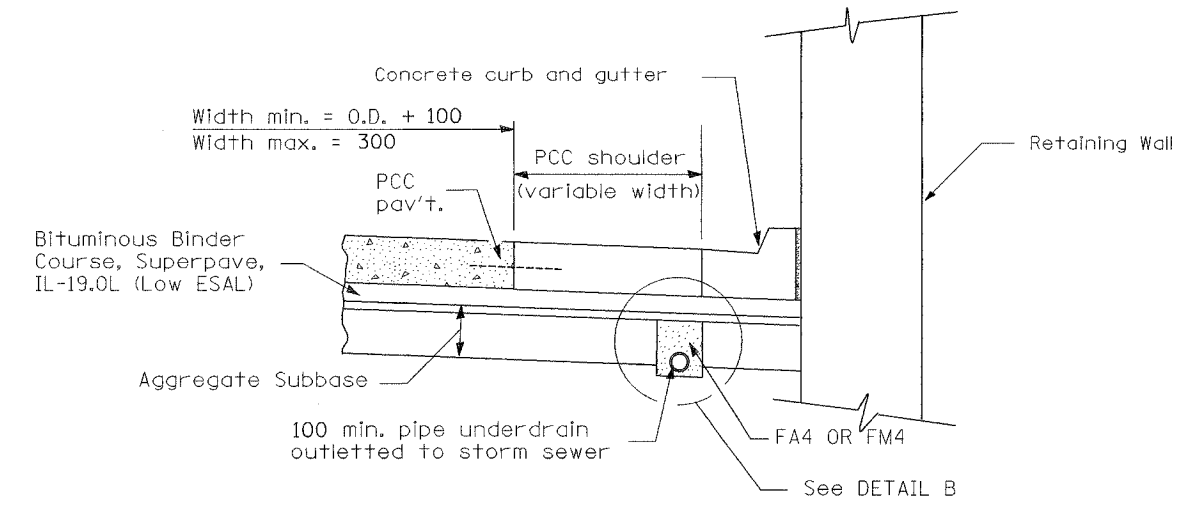
SECTION A-A



TRENCH FOR CORRUGATED POLYETHYLENE TUBING ALTERNATE

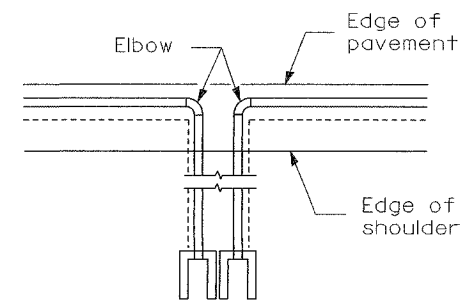


PLAN

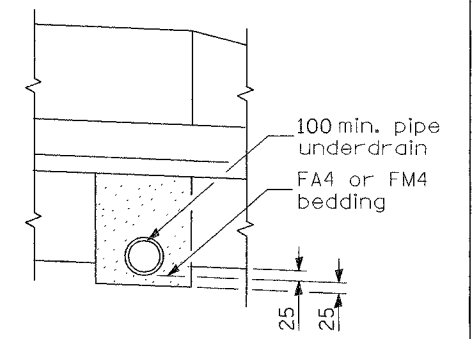


SECTION A-A

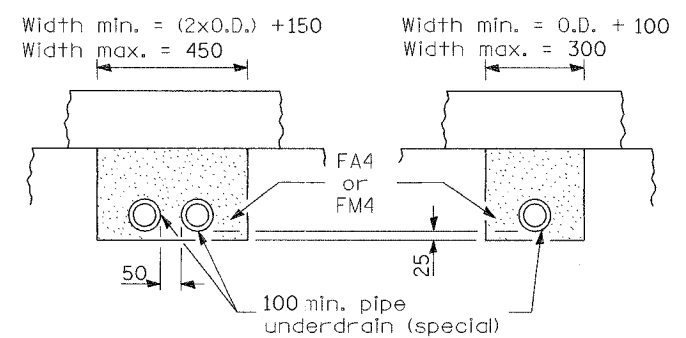
AT LOCATION WITH RETAINING WALLS



DETAIL A



DETAIL B



SECTION C-C (Sag locations)

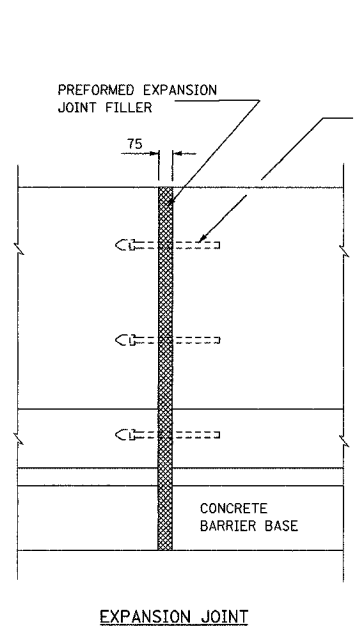
SECTION C-C

All dimensions are in millimeters unless otherwise shown.

REVISIONS	
NAME	DATE
INC. COMMENTS	3/7/02
REM. ENGL.	3/22/02
FA4 OR FM4	4/17/02
DETAIL B	12/10/03

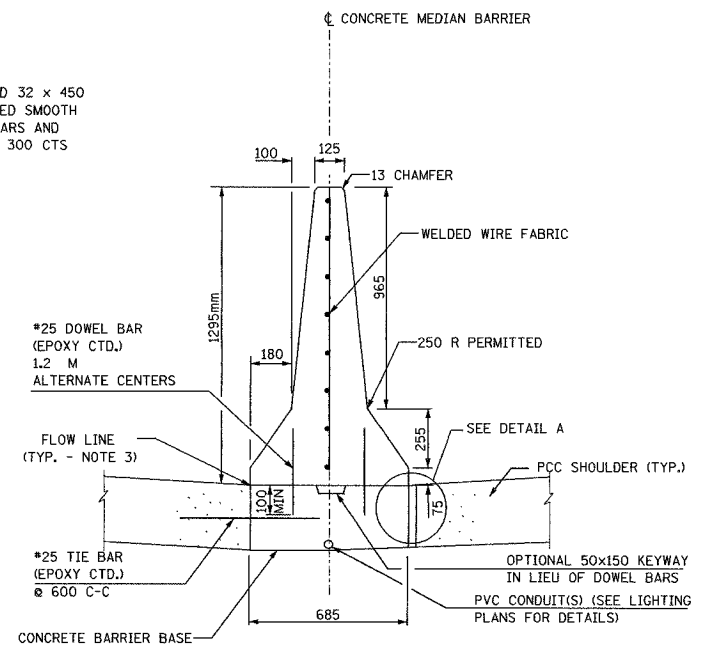
ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-74 PROJECT STANDARD 601001-174
 SUB-SURFACE DRAINS
 DRAWN BY
 CHECKED BY
 DATE 09/21/01

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	860
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

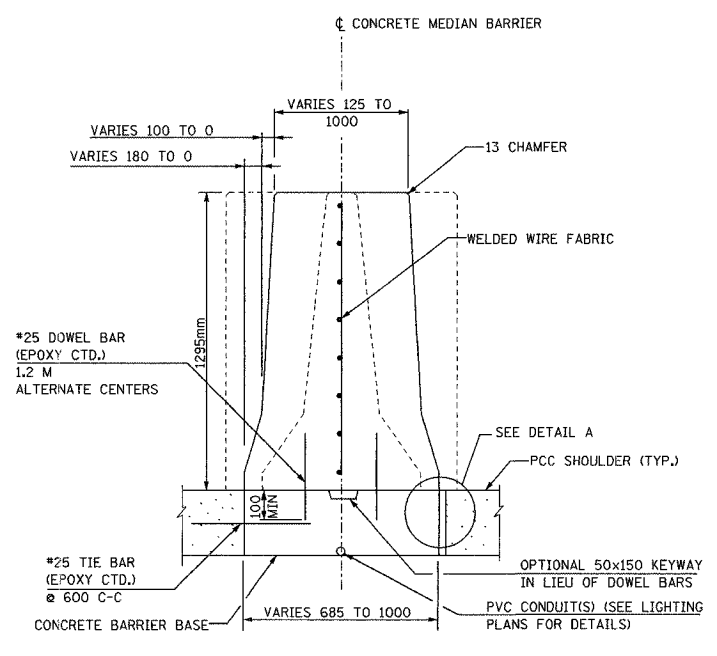


EXPANSION JOINT

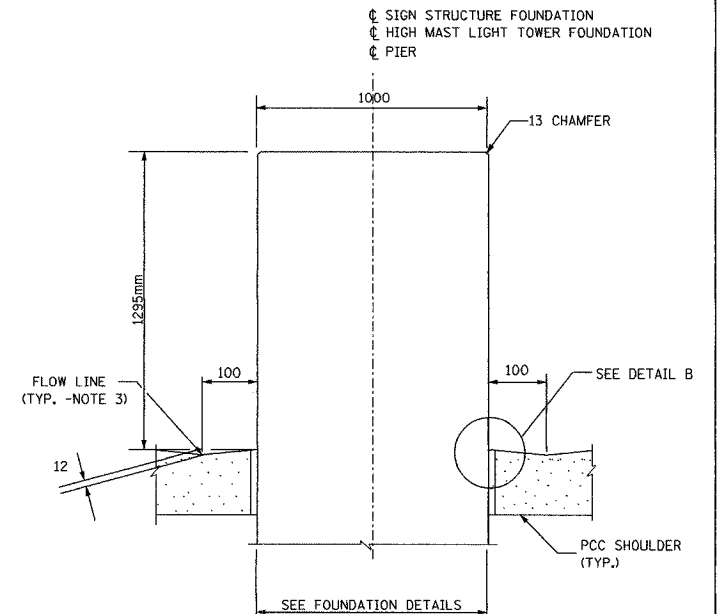
APPROVED 32 x 450 PRECOATED SMOOTH DOWEL BARS AND CAP ON 300 CTS



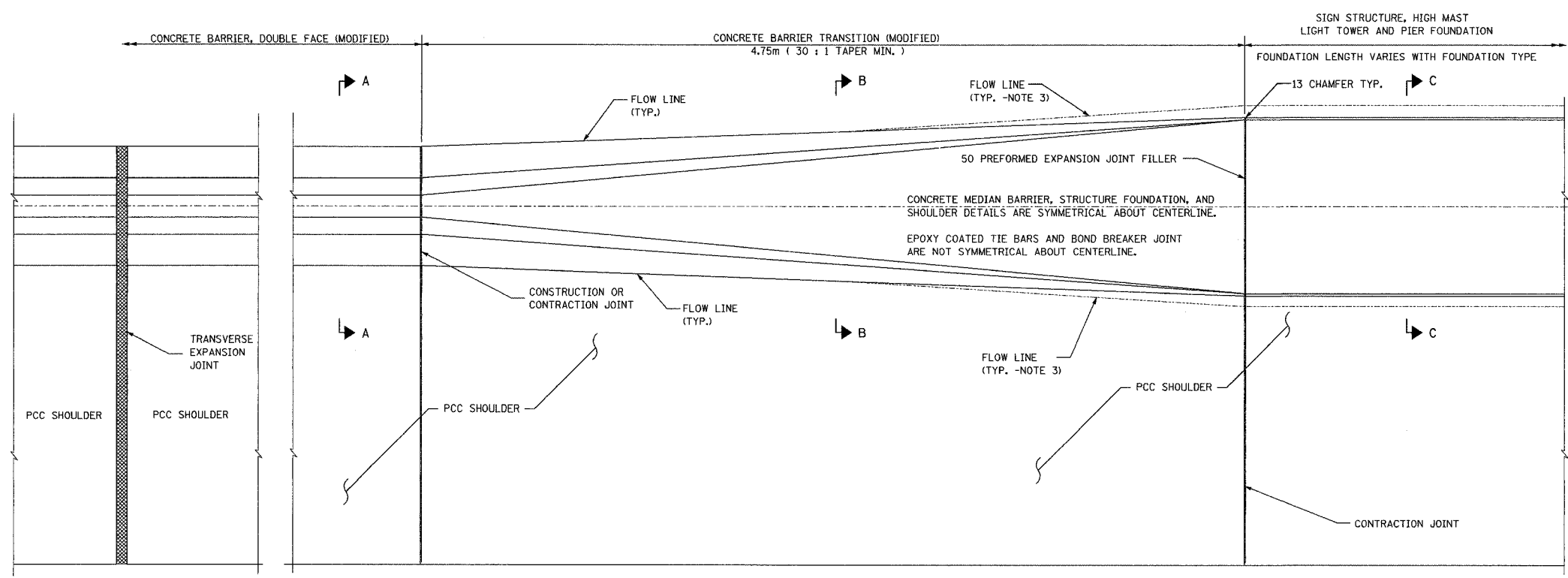
SECTION A-A



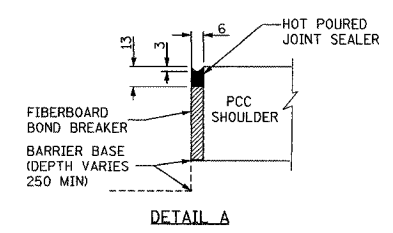
SECTION B-B



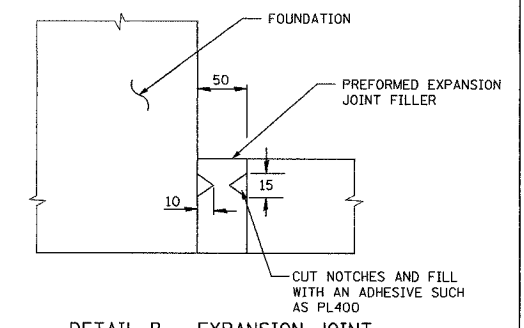
SECTION C-C



PLAN



DETAIL A



DETAIL B - EXPANSION JOINT

PREFORMED EXPANSION JOINT FILLER SHALL MEET THE REQUIREMENTS OF ARTICLE 105L.08 OR 105L.09. THE EXPANSION JOINT SHALL BE CONSTRUCTED IN ACCORDANCE WITH EXPANSION JOINT SEALING DETAIL SHOWN ON STANDARD 420001 AND AS SHOWN HEREIN.

ALL DIMENSIONS IN MILLIMETERS UNLESS SHOWN OTHERWISE

NOTES:

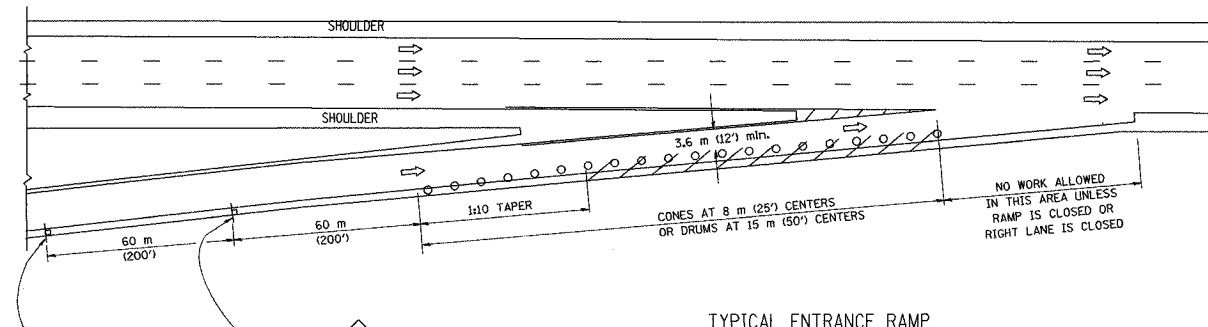
- FOR SHOULDER AND UNDERDRAIN DETAILS SEE I-74 PROJECT STD'S 483001-I74 AND 601001-I74.
- TAPER LENGTH REQUIRED FOR TRANSITION TO 1 METER WIDTH WILL BE 4.75m.
- PROPOSED DRAINAGE PROFILE IN THE VICINITY OF SAG VERTICAL CURVES AND ALONG FLAT GRADES SHALL BE CAREFULLY CONTROLLED AND FIELD ADJUSTED IF NECESSARY TO ENSURE POSITIVE DRAINAGE AND AVOID PONDING.
- A 25 RADIUS CAN BE SUBSTITUTED FOR THE 13 CHAMFER AT THE TOP OF THE BARRIER WALL.
- REINFORCING BARS AND WELDED WIRE FABRIC SHALL BE SEATED IN THE FINAL POSITION PRIOR TO THE CONCRETE OPERATIONS. BARS CANNOT BE MUCKED INTO PLACE.
- AT FOUNDATION MEDIAN TRANSITIONS, PCC SHOULDER CONTRACTION JOINTS SHOULD BE ALIGNED WITH MEDIAN BARRIER CONTRACTION JOINTS AND EXPANSION JOINTS.
- DETAILS SHOWN FOR I-74 STANDARD BARRIER, DETAILS FOR VARIABLE HEIGHT BARRIER SIMILAR.
- TRANSVERSE EXPANSION JOINT THRU THE PAVEMENT AND THE SHOULDER SHALL BE EXTENDED THRU THE CONCRETE BARRIER

REVISIONS	
NAME	DATE
FLARED BASES	9/23/02
DOWEL BAR SPACING	2/11/03
REM DIFF BARRIER	6/20/03
EXPANSION JOINT	10/7/03

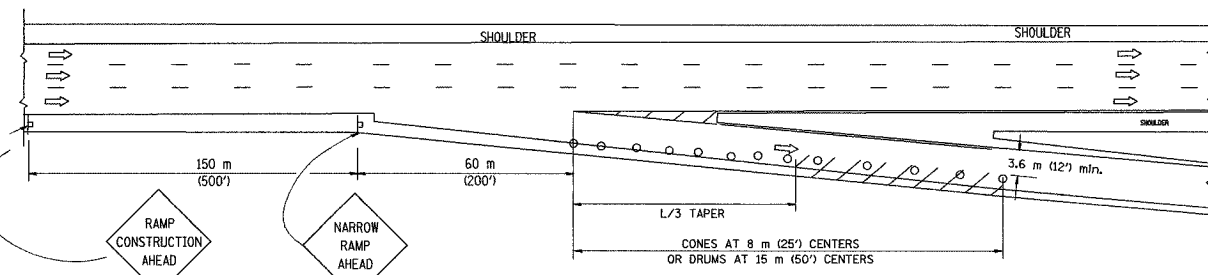
ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-74 PROJECT STANDARD 637001-I74
 CONCRETE BARRIER, DOUBLE FACE (MODIFIED) &
 CONCRETE BARRIER TRANSITION (MODIFIED)
 FOR SIGN STRUCTURE, HIGH MAST LIGHT TOWER,
 AND PIER FOUNDATIONS
 DRAWN BY
 DATE 08/15/02
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1242	067
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

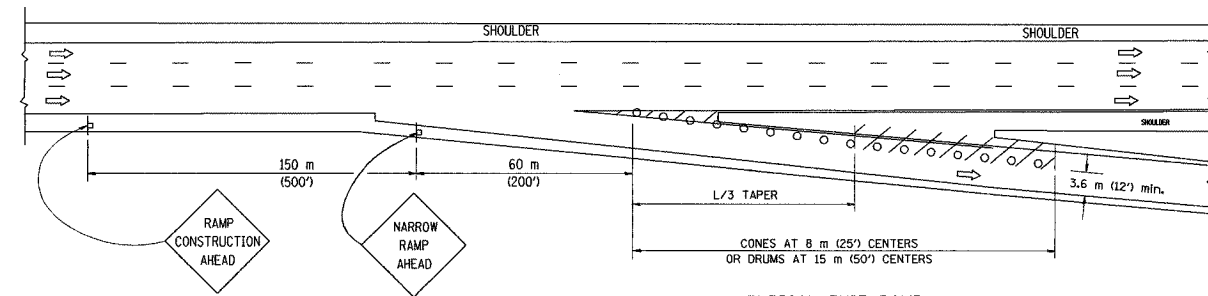
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

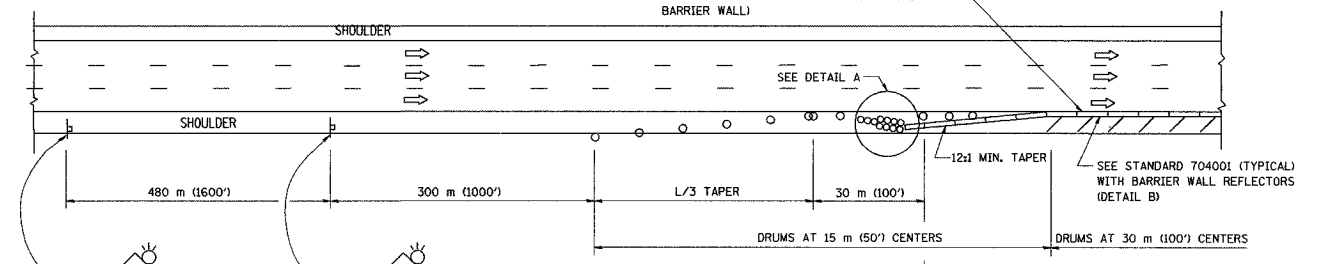
SYMBOLS

	WORK AREA
	SIGN ON PORTABLE OR PERMANENT SUPPORT
	FLAGGER WITH CONTROL SIGN
	DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
	CONES - 700 (28) IN HEIGHT

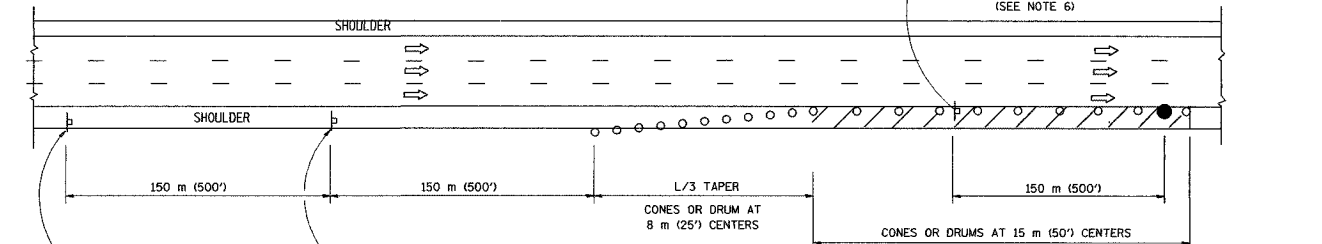
- GENERAL
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
80 km/h (45 mph) OR GREATER:	METRIC L=0.65(W)(S) ENGLISH L=(W)(S)
W = WIDTH OF OFFSET IN METERS (FEET)	S = NORMAL POSTED SPEED KM/H (MPH)
 2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
 3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
 4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

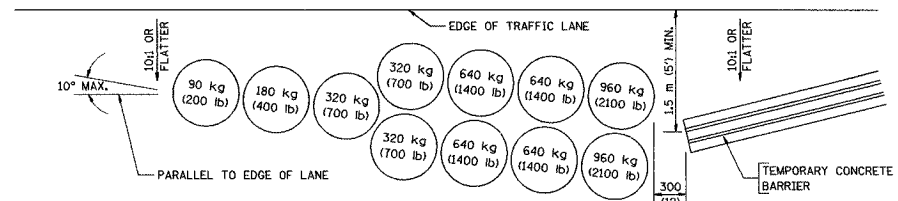
SHOULDER CLOSURE DETAILS



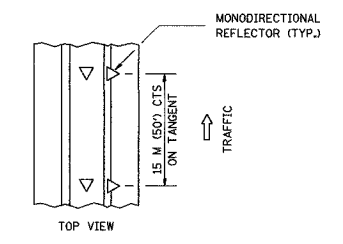
PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE



DETAIL A SAND MODULE IMPACT ATTENUATOR, TEMPORARY (SEE NOTE 5)



DETAIL B BARRIER WALL REFLECTORS

THIS DETAIL IS USED WHERE:

1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 4.5 m (15') TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

- NOTES
5. THE SAND MODULE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY BARRIER END SECTION IS OUTSIDE THE CLEAR ZONE OR IS TIED INTO THE EXISTING GUARDRAIL.
 6. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 30 m (100') TO 60 m (200') IN ADVANCE OF THE WORKERS.

REVISIONS

NAME	DATE
REM. END SECTION	4/17/02
REM. ARROWBOARD	8/30/02
MODIFY TO RAMP CONST.	8/30/02

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION

I-74 PROJECT STANDARD 701101-I74

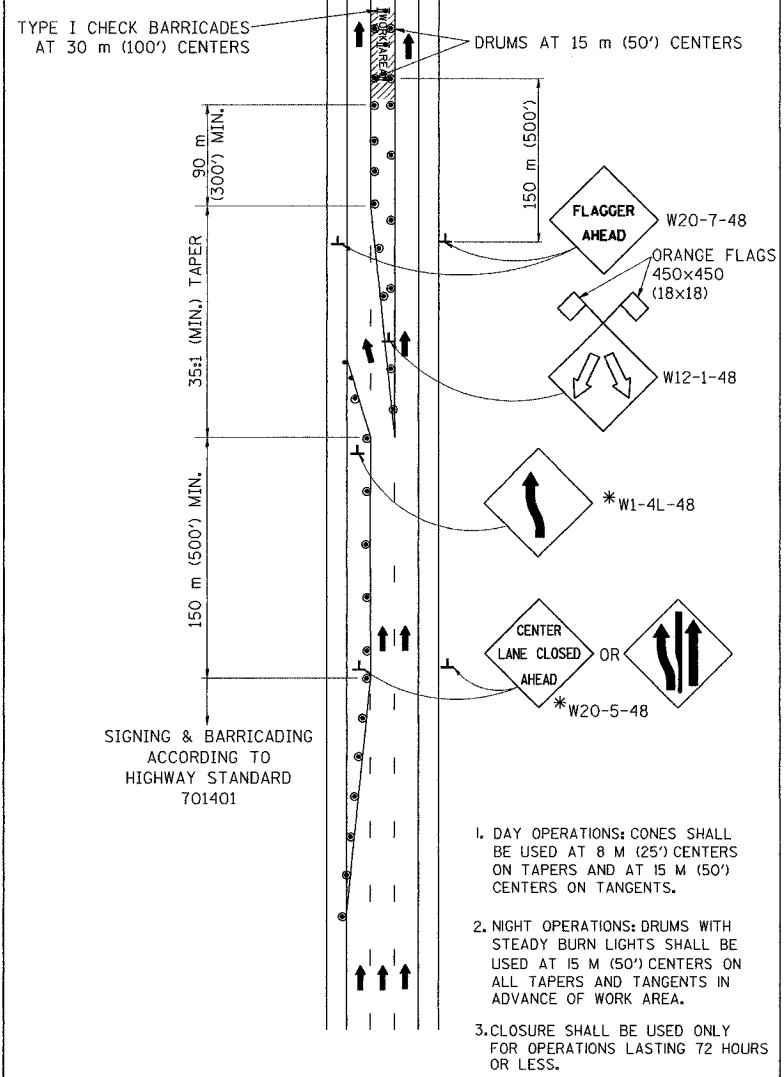
TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES

DRAWN BY

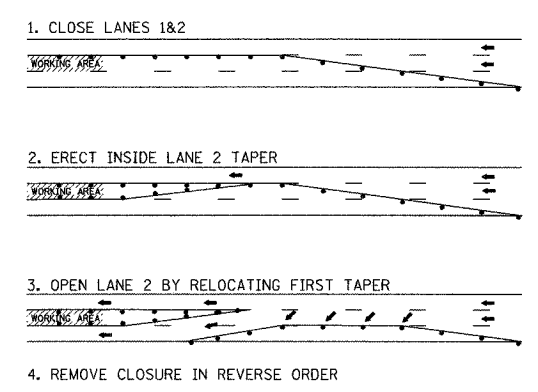
CHECKED BY

DATE 03/28/02

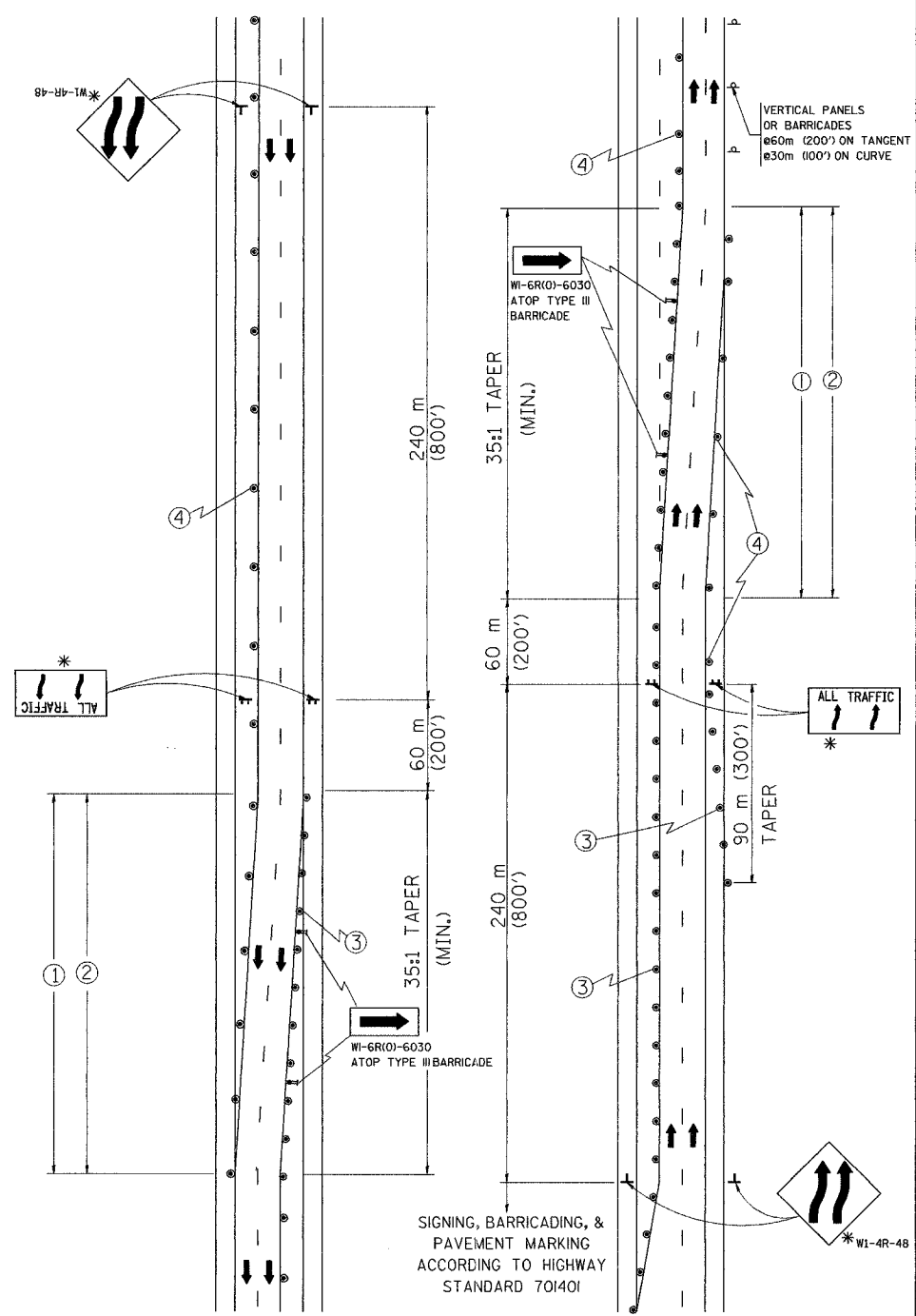
CENTER LANE CLOSURE



INSTALLATION SEQUENCE



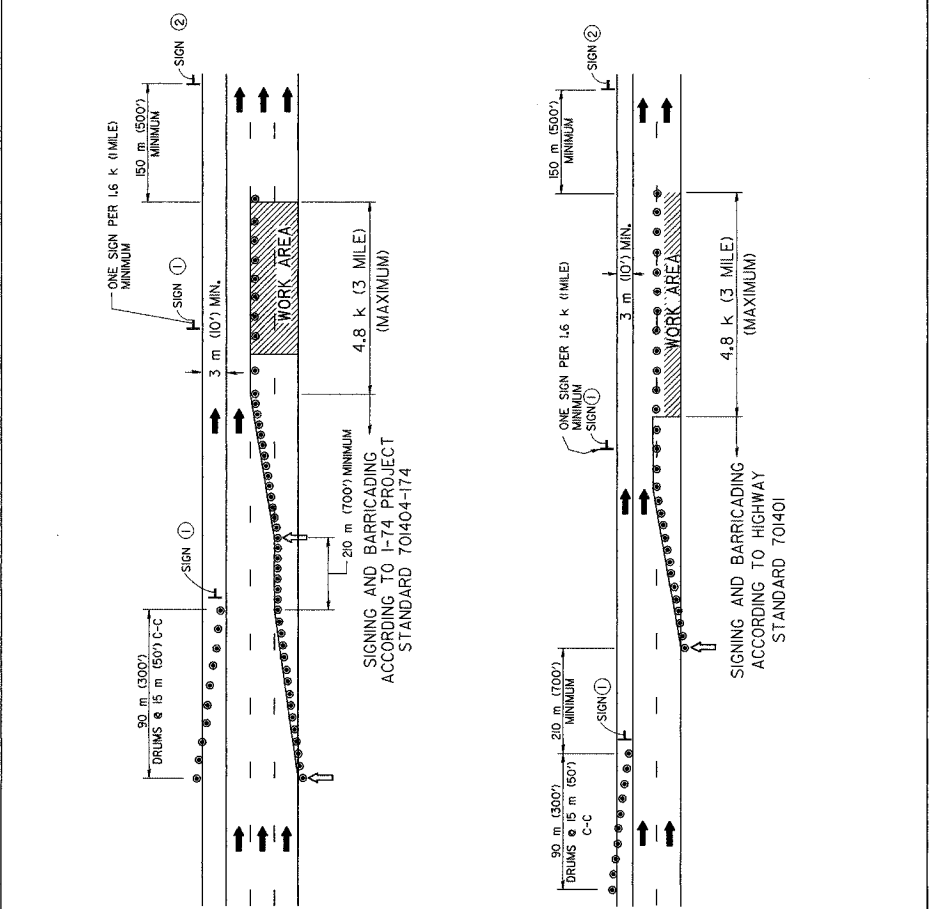
MULTI-LANE WEAVE



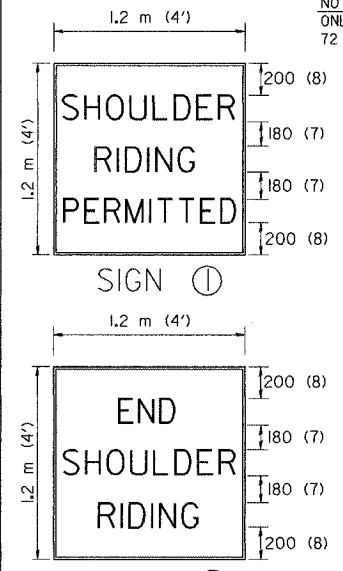
* THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC

- ① TEMPORARY PAVEMENT MARKING TO BE INSTALLED: CONTINUOUS YELLOW LEFT EDGE LINE. LANE LINES 3 M-9 M (10'-30') SKIP-DASH, WHITE, CONTINUOUS WHITE RIGHT EDGE LINE.
 - ② EXISTING PAVEMENT MARKING TO BE REMOVED.
 - ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 15 M (50') C-C SPACING.
 - ④ PLASTIC DRUMS AT 30 M (100') SPACING.
- ALL TRAFFIC 1.2 m x 2.4 m (4'x8'); 25 (1) BORDER; 250 (10) CAPITAL LETTERS BACKGROUND SHEETING SHALL BE THE SAME AS ALL DIAMOND SHAPED CONSTRUCTION SIGNS.

SHOULDER LANE



NOTE: CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.



150 (6) SERIES 'C' LEGEND BLACK LEGEND WHITE REFLECT. BACKGROUND 25 (1) BORDER

- #### SYMBOLS
- ↑ ARROWBOARD
 - ▨ WORK AREA
 - ◇ SIGN WITH 450x450 (18x18) ORANGE FLAG ATTACHED *
 - ┆ SIGN ON PORTABLE OR PERMANENT SUPPORT *
 - CONES
 - DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- * ALL SIGNS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 1.5 m (5').

REVISIONS	
NAME	DATE

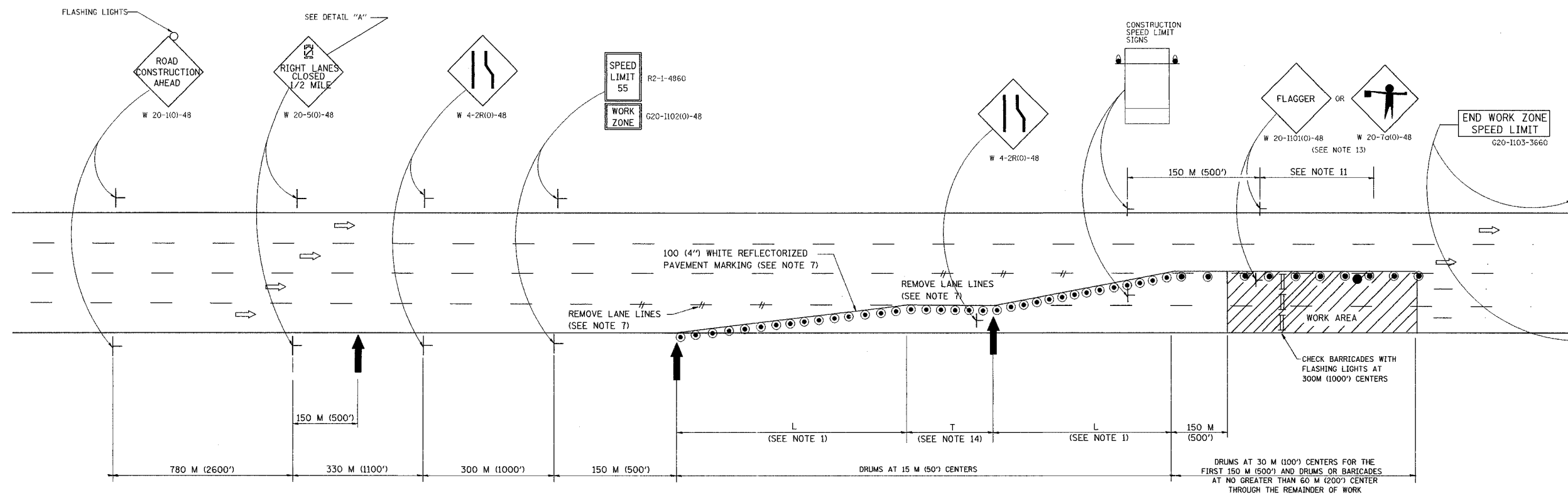
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-74 PROJECT STANDARD 701403-174
TRAFFIC CONTROL DETAILS FOR FREEWAY
CENTER LANE CLOSURE
MULTI-LANE WEAVE
SHOULDER LANE

DRAWN BY
CHECKED BY

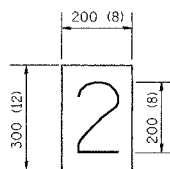
DATE 7/18/02

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1362	803
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		



SYMBOLS

- BARRICADES WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS
- ARROWBOARD
- WORK AREA
- 450 x 450 (18 BY 18) (MINIMUM) ORANGE FLAG
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT



DETAIL "A"

GENERAL NOTES

- THE "L" DISTANCE EQUALS THE LANE WIDTH TIMES THE TAPER RATIO.

NORMAL POSTED SPEED	TAPER RATIO	
	length to pavement width	ft/ft
110	20/300	65/1
100	18/300	60/1
90	17/300	55/1
80 or less	14/300	45/1
- WHEN THERE IS NO WORK BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER AND WORKER SIGNS SHALL BE REMOVED OR COVERED.
- THIS STANDARD ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE LEFT LANE. UNDER THESE CONDITIONS LEFT LANE CLOSED SIGNS SHALL BE SUBSTITUTED FOR RIGHT LANE CLOSED SIGNS.
- CONES MAY BE SUBSTITUTED FOR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 700 (28) IN HEIGHT.
- STEADY BURNING LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS
- PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME LANE CLOSURES.
- REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 90 m (300') ALONGSIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE EDGE LINE SHALL BE YELLOW FOR LEFT LANE CLOSURES.
- WHEN A RAMP INTERSECTS THE HIGHWAY WORK AREA, ADDITIONAL TRAFFIC CONTROL DEVICES SHALL BE ERECTED IN ACCORDANCE WITH STANDARD 701411 OR AS DIRECTED BY THE ENGINEER.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS. THE LATERAL PLACEMENT OF THE FLAGGER MAY BE VARIED FROM THAT SHOWN. THE FLAGGER SHALL BE STATIONED APPROXIMATELY 30 m (100') TO 60 m (200') IN ADVANCE OF THE WORKERS.
- ALL VEHICLES, EQUIPMENT, MEN AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- THE CONSTRUCTION SPEED LIMIT SIGNS AND THE FLAGGER SIGN SHALL BE MOVED AS NECESSARY TO MAINTAIN A SPACING OF 150 M (500') TO 750 M (2500') BETWEEN THE FLAGGER AND EACH SEPARATE WORK ACTIVITY SIGN.
- THE FLAGGER SHALL BE STATIONED 60 M (200') IN ADVANCE OF THE WORK PARTY.
- AT ALL TIMES WHEN WORKERS ARE PRESENT, A FLAGGER SHALL BE POSITIONED IN ADVANCE OF THE FIRST WORK OPERATION AS SHOWN (SEE NOTE 2). AN ADDITIONAL FLAGGER, AS REQUIRED BY PARAGRAPH 3 OF ARTICLE 701.04C OF THE STANDARD SPECIFICATIONS, SHALL BE POSITIONED IN ADVANCE OF EACH SEPARATE ACTIVITY OF THE OPERATION THAT REQUIRES FREQUENT ENCROACHMENT INTO A LANE OPEN TO TRAFFIC. HOWEVER, IF WORK AREA IS PROTECTED BY TEMPORARY BARRIER WALL AND NO TRUCKING OPERATION IS IN PROGRESS, THE FLAGGER AND FLAGGER SIGNING MAY BE OMITTED.
- THE TANGENT SECTION SHALL BE OMITTED WHEN CLOSURE TIME IS 4 DAYS OR LESS. TANGENT LENGTH "T" SHALL BE EQUAL TO "L" FOR CLOSURE TIMES GREATER THAN 4 DAYS BUT LESS THAN 14 DAYS. TANGENT LENGTH "T" SHALL BE EQUAL TO "2L" FOR CLOSURE TIMES OF 14 DAYS OR GREATER.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

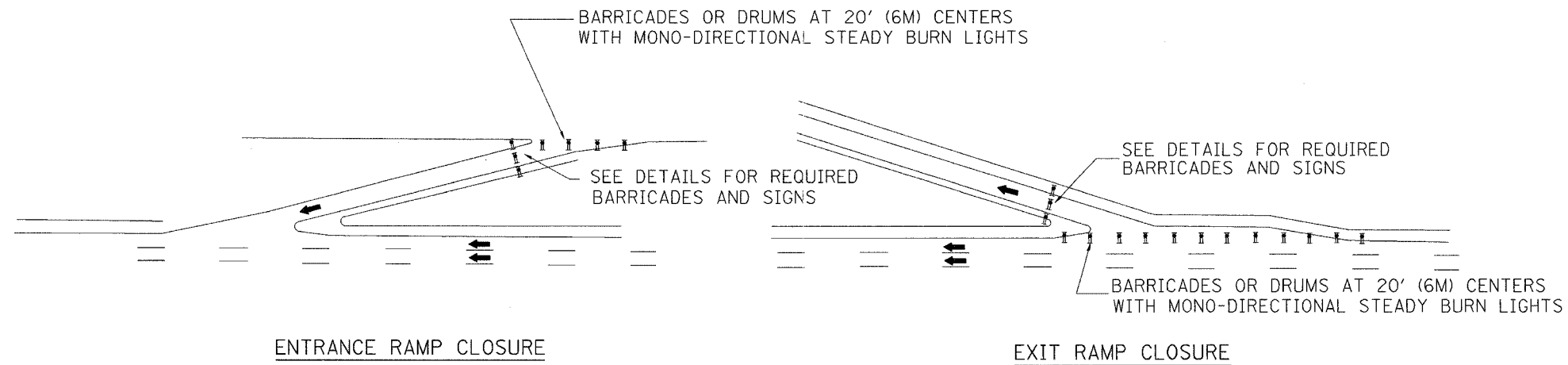
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-74 PROJECT STANDARD 701404-I74
TWO LANE FREEWAY CLOSURE

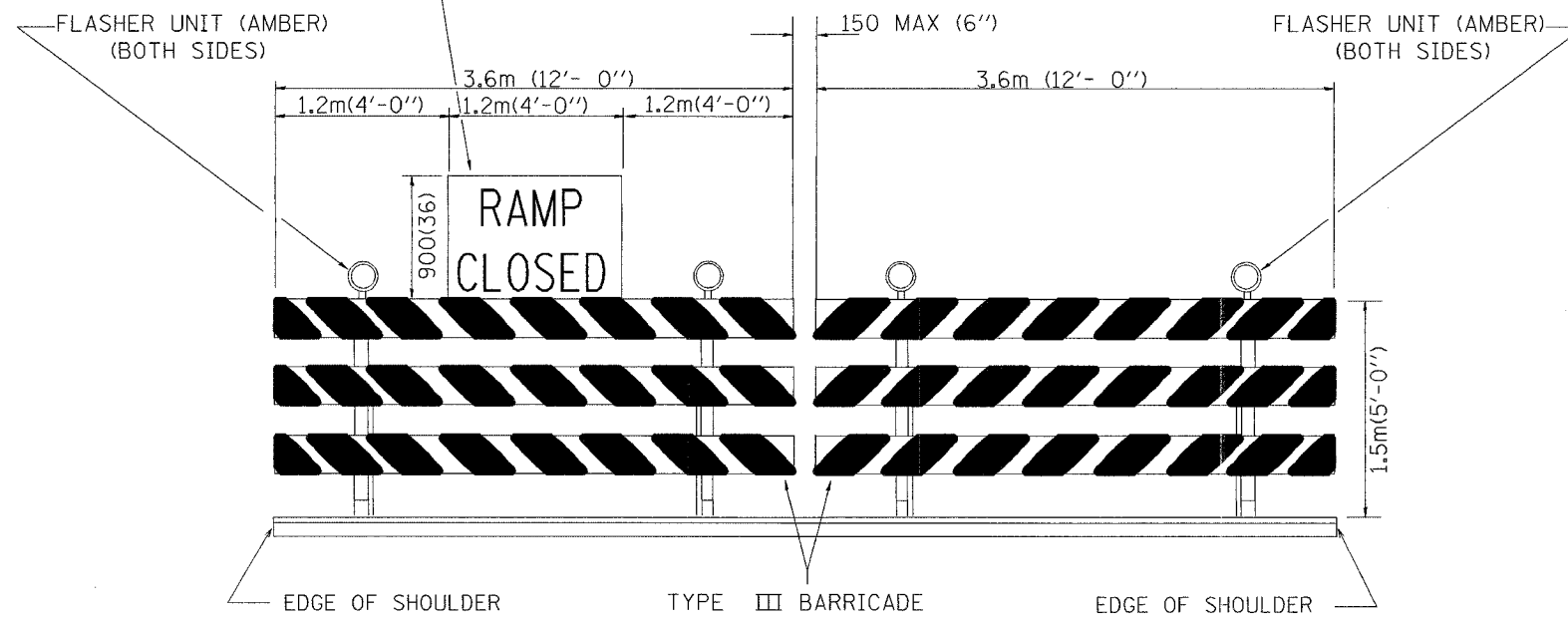
DATE 7/18/02

DRAWN BY _____
CHECKED BY _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1300	869
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



THE CONTRACTOR SHALL MOUNT THE "RAMP CLOSED" SIGN TO THE TOP OF THE TYPE III BARRICADE AS SHOWN. (THE SIGN SHALL BE B/W WITH 200(8) CAPS.)



PLACE 150 M (500') IN ADVANCE OF RAMP

BLACK LEGEND ON ORANGE REFLECTORIZED BACKGROUND

RAMP CLOSED AHEAD SIGN

DETAIL FOR REQUIRED BARRICADES & SIGNS

NOTES:

1. CONES MAY BE SUBSTITUTED FOR TYPE I AND TYPE II BARRICADES AND DRUMS DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 700 (28") IN HEIGHT.
2. STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-74 PROJECT STANDARD 701411-I74

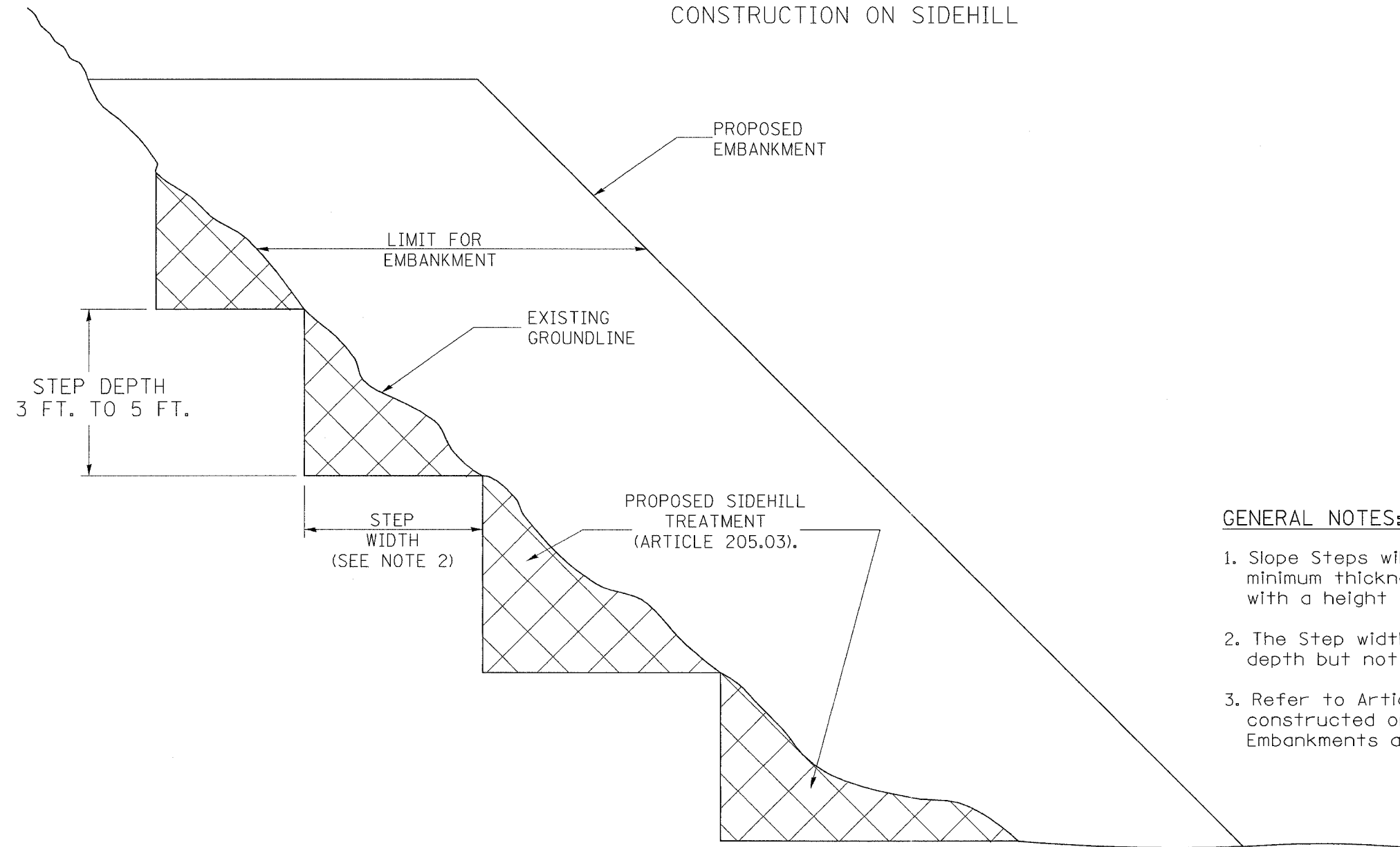
ENTRANCE AND EXIT RAMP CLOSURE DETAILS

DATE	REVISIONS	BY

SCALE: NONE
DATE: 10/09/01
DRAWN BY: _____
CHECKED BY: _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			130	63
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SLOPE STEPS DETAIL
TYPICAL CROSS-SECTION EMBANKMENT
CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 300(12) minimum thickness "silver fills" and on a fills with a height of 3.0m(10').
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

All dimensions are in millimeters (Inches) unless otherwise noted.

REPLACEMENT MATERIAL:

STANDARD EMBANKMENT (IN ACCORDANCE WITH 205 OF THE STANDARD SPECIFICATION).

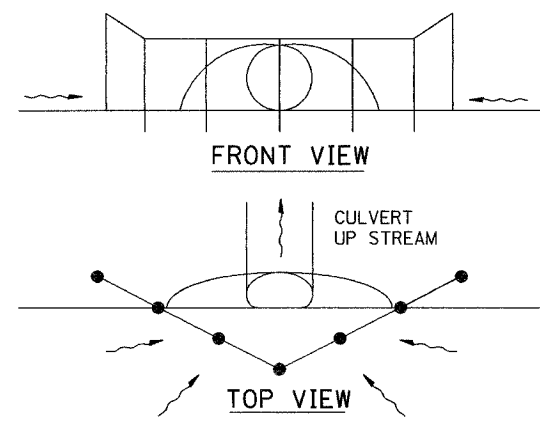
DATE	REVISIONS	BY
1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE BOX, REVISED GENERAL NOTES.	T.P.

ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT CADD STANDARD
SLOPE STEPS DETAIL
CADD STD. NO. 205001-D4 SCALE: NOT DRAWN TO SCALE DATE: **DATE**
DRAWN BY CADD CHECKED BY

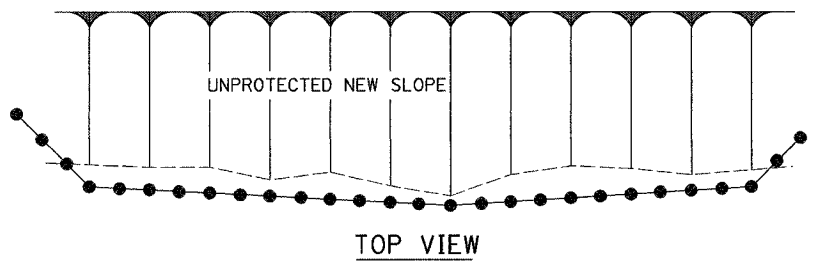
205001-D4

DATE

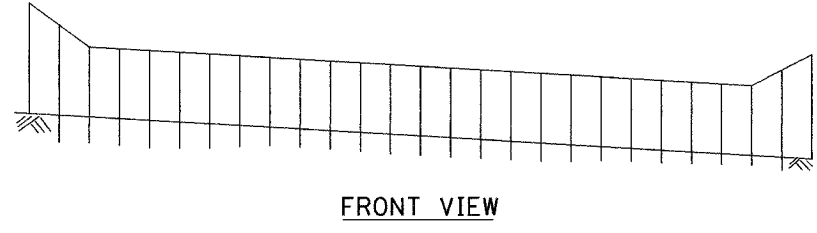
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			130	106
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



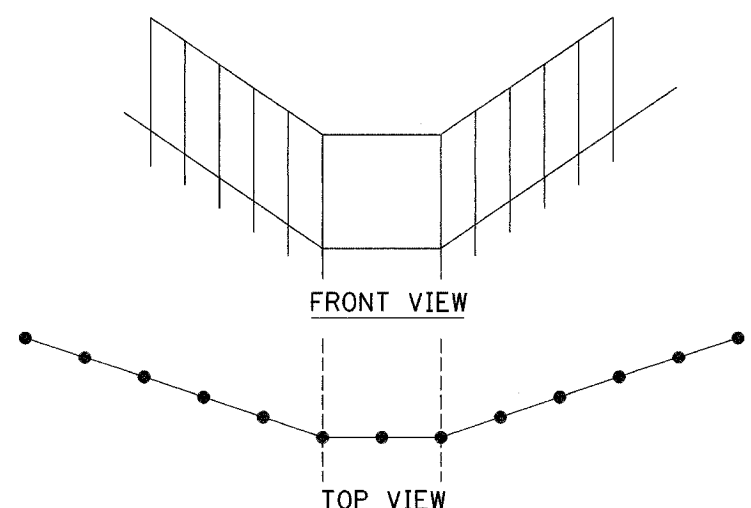
UPSTREAM PIPE CULVERT EROSION CONTROL



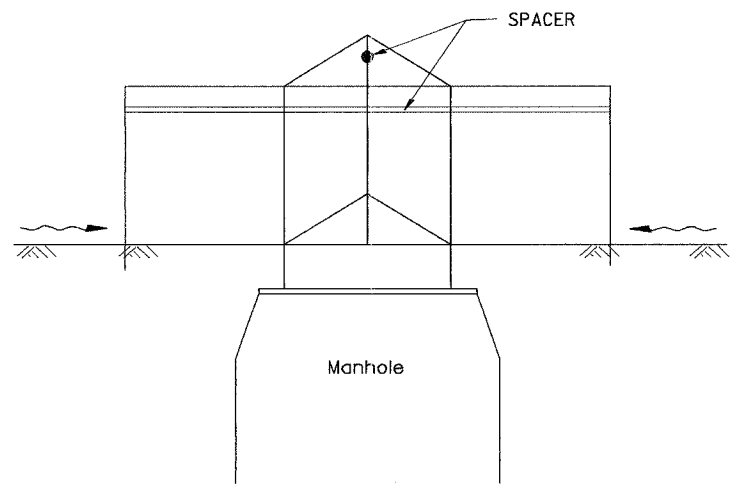
TOP VIEW



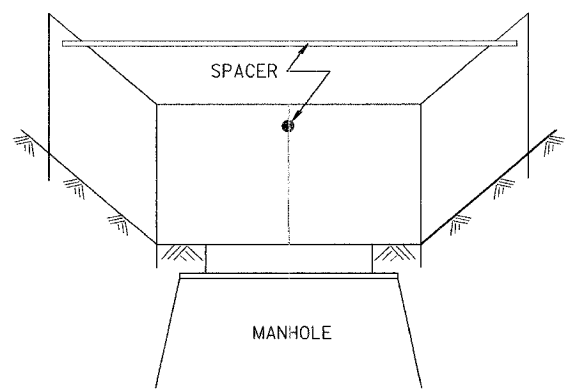
FRONT VIEW



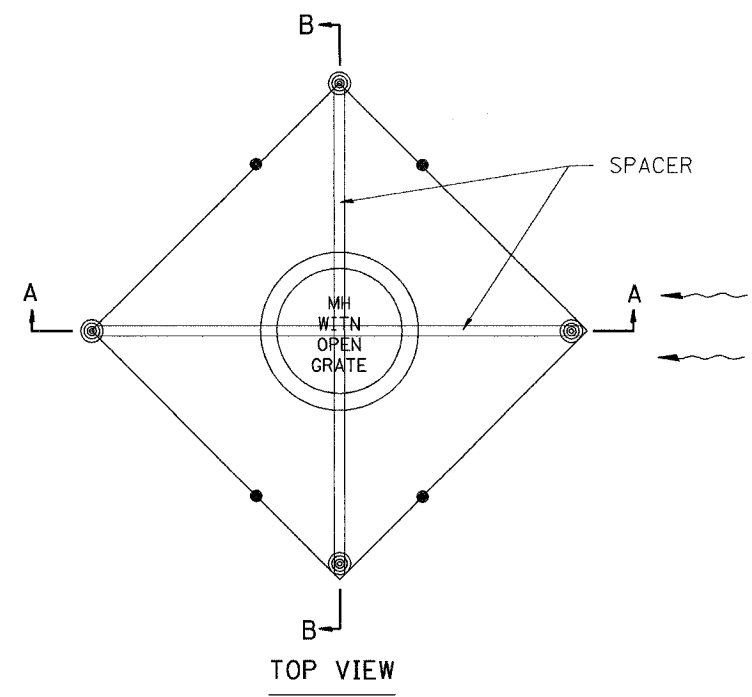
DITCH LINE EROSION CONTROL



SIDE VIEW
A-A



Front View
B-B
EROSION CONTROL
AT
OPEN GRATE MAN HOLE



TOP VIEW

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

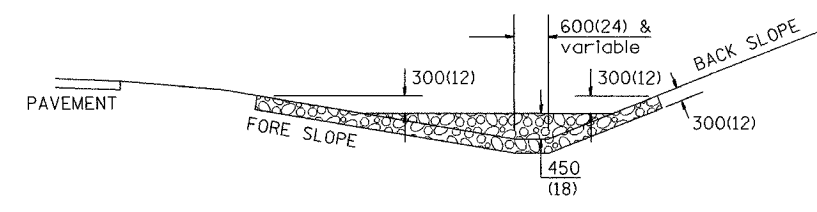
All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION		
SPECIAL DETAIL SHEET		
TYPICAL APPLICATION OF SILT FILTER FENCE		
CADD DETAIL 280001-D4	DRAWN BY CADD	
SCALE: NOT DRAWN TO SCALE	CHECKED BY	
DATE **DATE**		

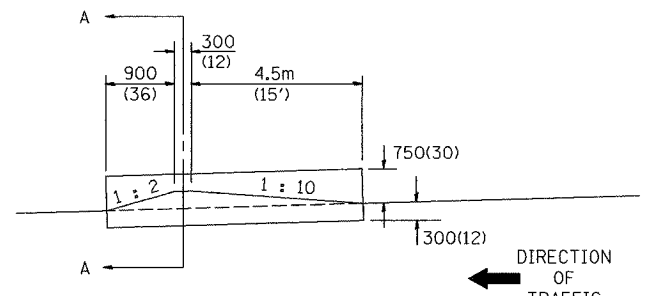
DATE	REVISIONS	BY
1-1-97	RENUM. A-12.05, NEW REVISION BOX	T.P.

DATE

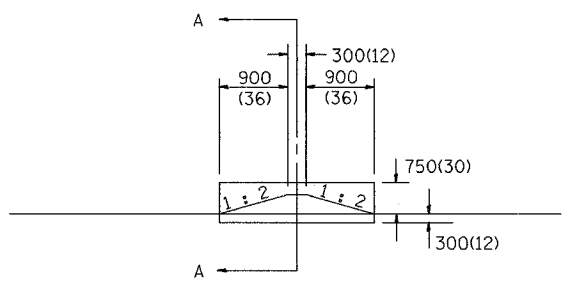
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID	PROJECT	



SECTION A - A

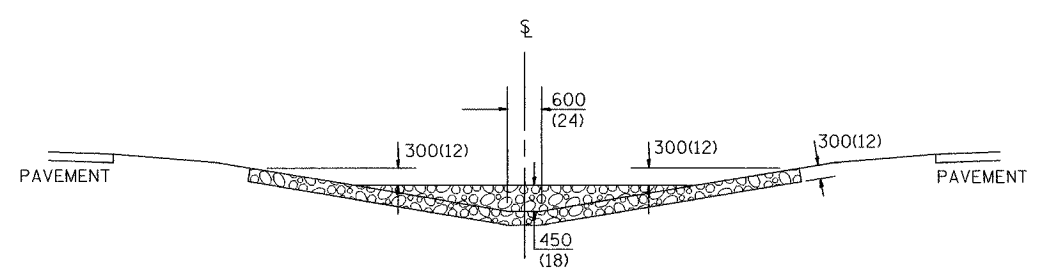


SIDE VIEW (WITHIN CLEAR ZONE)

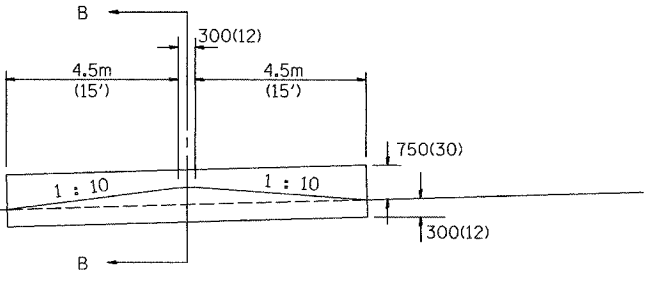


SIDE VIEW (OUTSIDE OF CLEAR ZONE)

SIDE DITCH AGGREGATE DITCH CHECK



SECTION B - B



SIDE VIEW

MEDIAN AGGREGATE DITCH CHECK

NOTES:

- FOR DITCH BOTTOM PROTECTED BY EXCELSIOR BLANKET, USE 120m(400') SPACING. FOR SEEDING DITCH BOTTOM, USE 60m(200') SPACING.
- THIS WORK CONSISTS OF THE COMPLETE INSTALLTION OF EROSION CONTROL DITCH CHECK AT LOCATIONS AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE AGGREGATE GRADATION SHALL BE RR3 WITH A MINIMUM QUALITY OF CLASS C.

LOCATION	STATION	MEDIAN	SIDE DITCH		NUMBER OF DITCH CHECKS	FORE SLOPE	DITCH BOTTOM WIDTH	BACK SLOPE	BERM SLOPE	AGGREGATE DITCH CHECK (EROSION CONTROL)	
			LEFT	RIGHT						EACH	TOTAL
										METRIC TON/TON	METRIC TON/TON

ESTIMATE QUANTITIES

	FORE SLOPE	DITCH BOTTOM	BACK SLOPE	BERM SLOPE	AGGREGATE DITCH CHECK EROSION CONTROL METRIC TON/TON
MEDIAN DITCH	1 : 6	600(24)	—	1 : 10	86(95)
SIDE DITCH	1 : 6	600(24)	1 : 4	1 : 10 & 1 : 2	45(50)
SIDE DITCH	1 : 6	600(24)	1 : 4	1 : 2 & 1 : 2	17(19)
SIDE DITCH	1 : 4	600(24)	1 : 3	1 : 10 & 1 : 2	16(18)
SIDE DITCH	1 : 4	600(24)	1 : 3	1 : 2 & 1 : 2	13(14)

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
All dimensions are in millimeters (inches) unless otherwise noted.

QUANTITIES

CALC. BY: _____ DATE: _____

CHECKED BY: _____ DATE: _____

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE, BUREAU OF PROJECT IMPLEMENTATION, DOCUMENTATION SECTION

DGN-ONLY

DATE	REVISIONS	BY
1-1-97	RENUM. A-12.04, NEW REVISION BOX, REVISED TITLE BOX, ADDED QUANTITY CALCULATION BOX	T.P.

ILLINOIS DEPARTMENT OF TRANSPORTATION

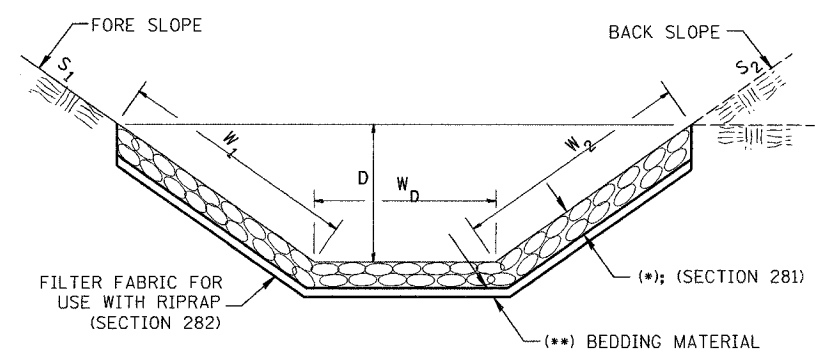
SPECIAL DETAIL SHEET

EROSION CONTROL AGGREGATE DITCH CHECK

CADD DETAIL 280101-D4
SCALE: NOT DRAWN TO SCALE
DATE: **DATE**

DRAWN BY: CADD
CHECKED BY: _____

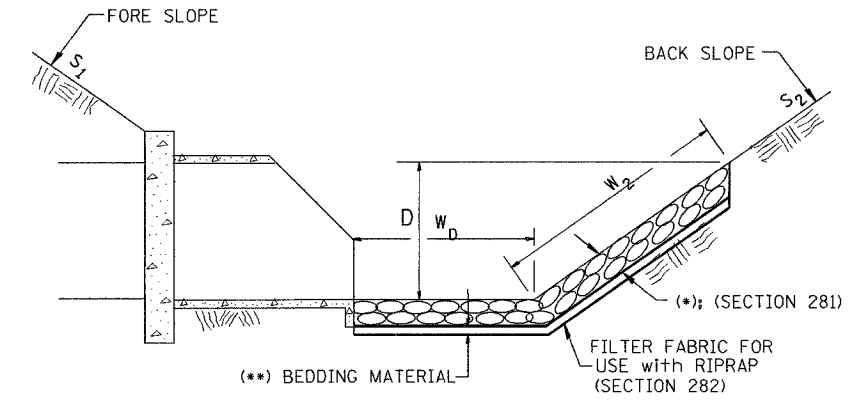
CASE 1
(DITCH)



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m ² (sq yds)
TOTAL				

(1) WIDTH = $W_1 + W_2 + W_D$

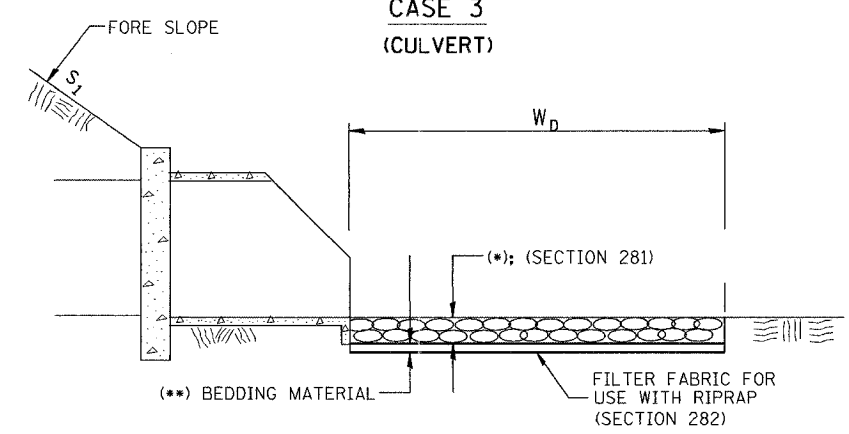
CASE 2
(CULVERT & SLOPE)



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m ² (sq yds)
TOTAL				

(1) WIDTH = $W_2 + W_D$

CASE 3
(CULVERT)



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m ² (sq yds)
TOTAL				

(1) WIDTH = W_D

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
All dimensions are in millimeters (inches) unless otherwise noted.

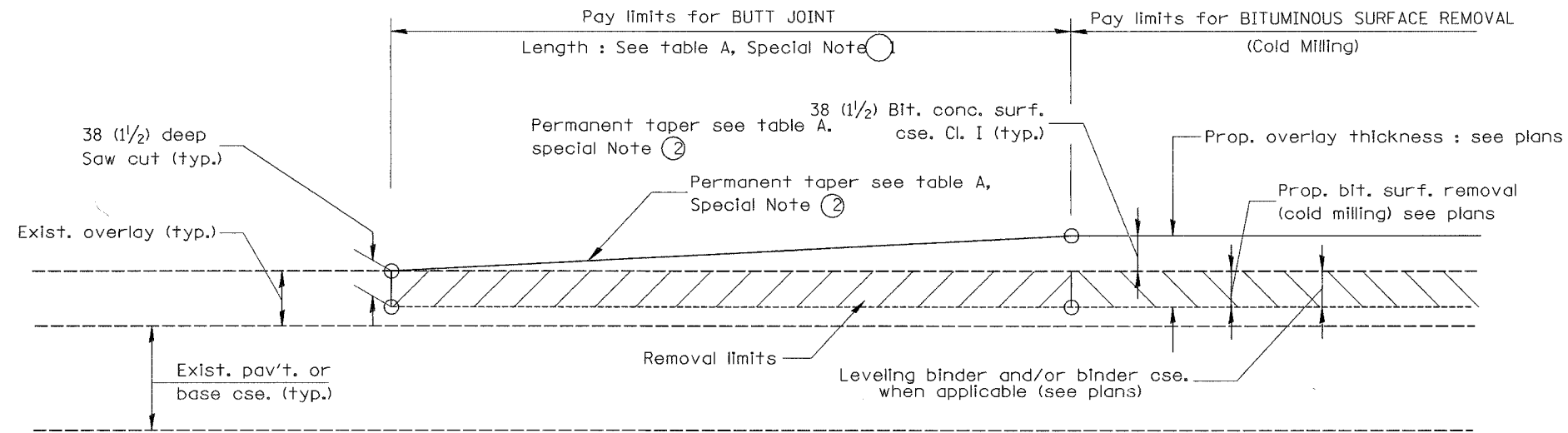
ILLINOIS DEPARTMENT OF TRANSPORTATION
SPECIAL DETAIL SHEET

RIPRAP DITCH FOR EROSION PROTECTION

CADD DETAIL 281001-D4
SCALE: NOT DRAWN TO SCALE
DRAWN BY CADD
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. A-12.02, NEW REVISION BOX	T.P.
12-1-97	CORRECT FILTER FABRIC LEADER ARROW	J.A.

\$\$\$DATE\$\$\$



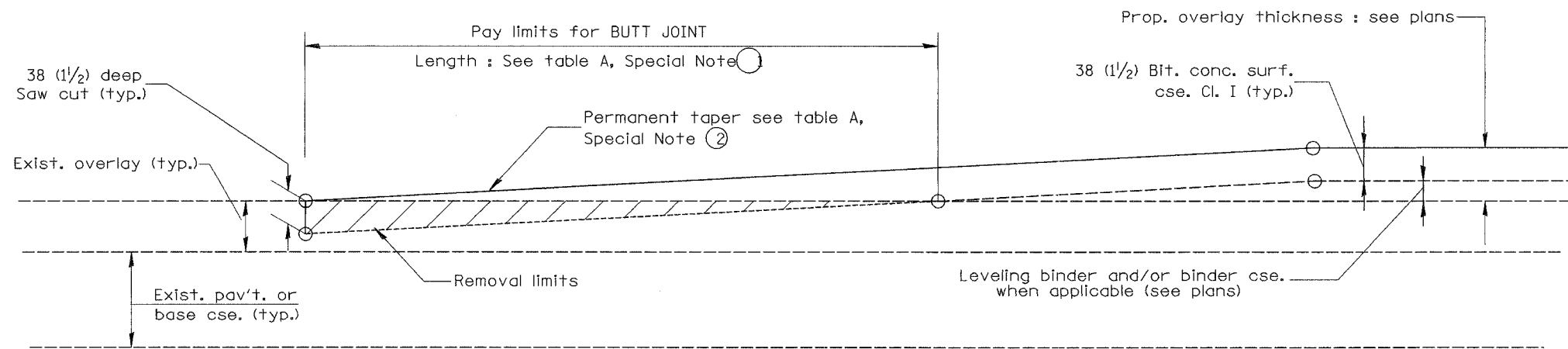
CASE 1 : WITH BITUMINOUS SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	18.0 m(60')	9.0 m
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	3.0 m(10')	1.5 m(5')

GENERAL NOTES

1. The work shall be done in accordance with Article 406.18 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.03 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.06.



CASE 2 : NO BITUMINOUS SURFACE REMOVAL (COLD MILLING)

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

DATE	REVISIONS	BY
1-1-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
4-1-97	CORRECTION TO DEPTH	J.A.

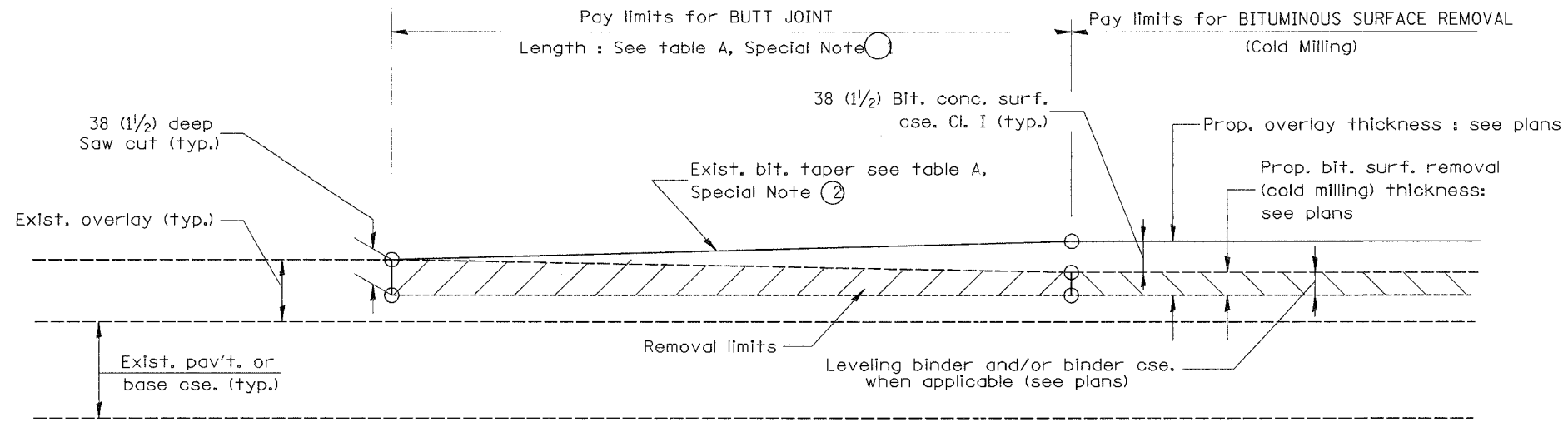
BUTT JOINTS
CADD STD NO. 406101-D4 SHEET 1 OF 2
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
DATE **DATE** CHECKED BY

406101-D4 (1)

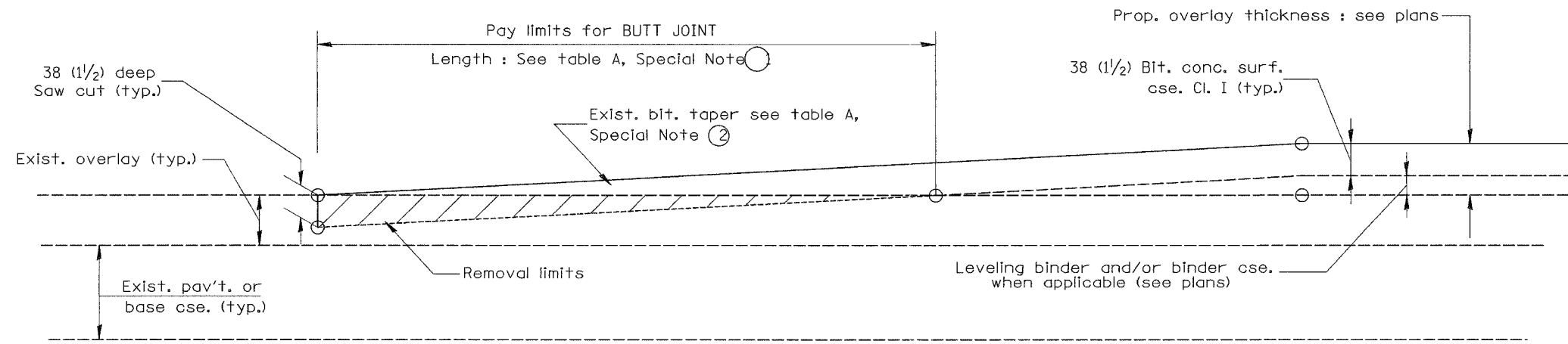
\$\$\$DATE\$\$\$

DGN-ONLY

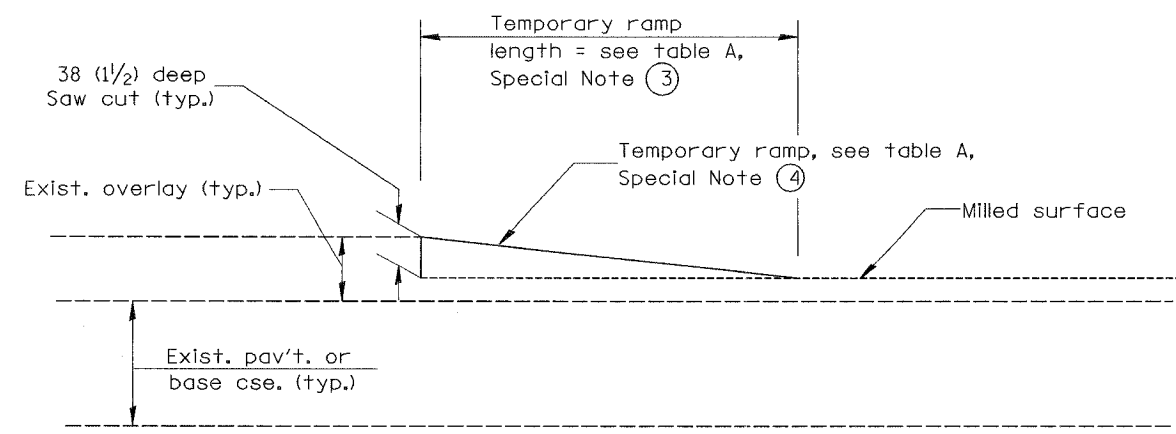
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			7362	670
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



**CASE 3 : WITH BITUMINOUS SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



**CASE 4 : NO BITUMINOUS SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



DETAIL TEMPORARY RAMP

All dimensions are in millimeters (inches) unless otherwise noted.

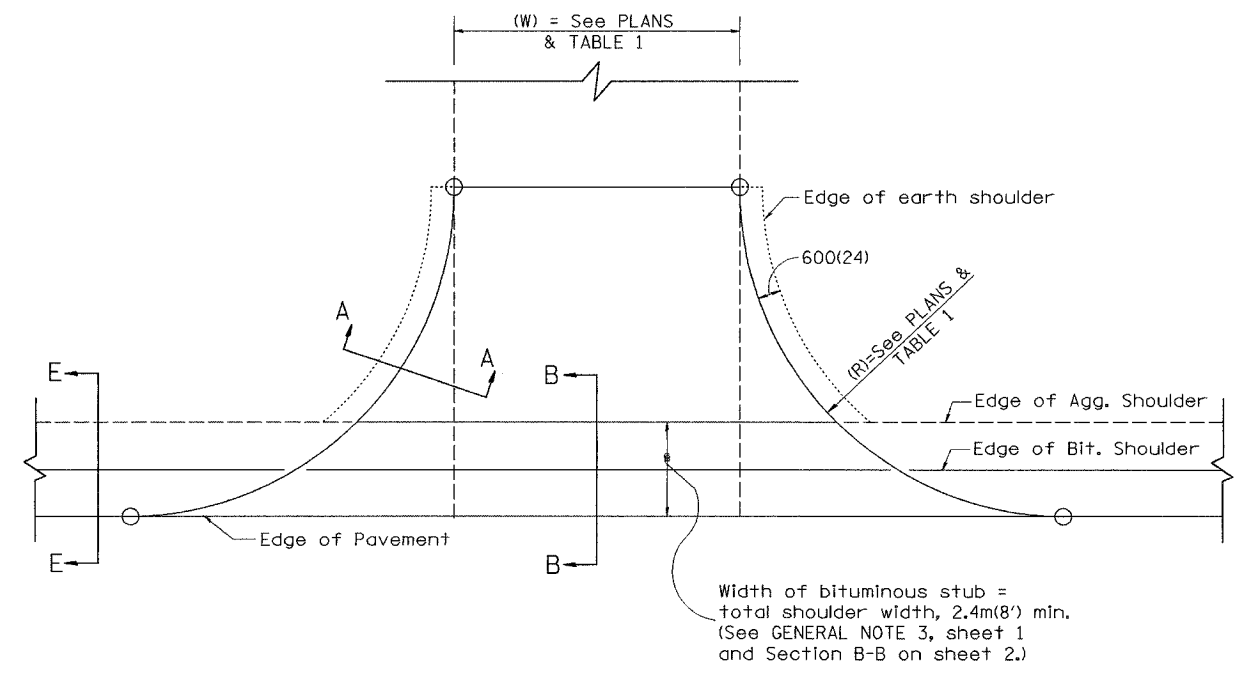
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

BUTT JOINTS
CADD STD NO. 406101-D4 SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
DATE: **DATE** CHECKED BY

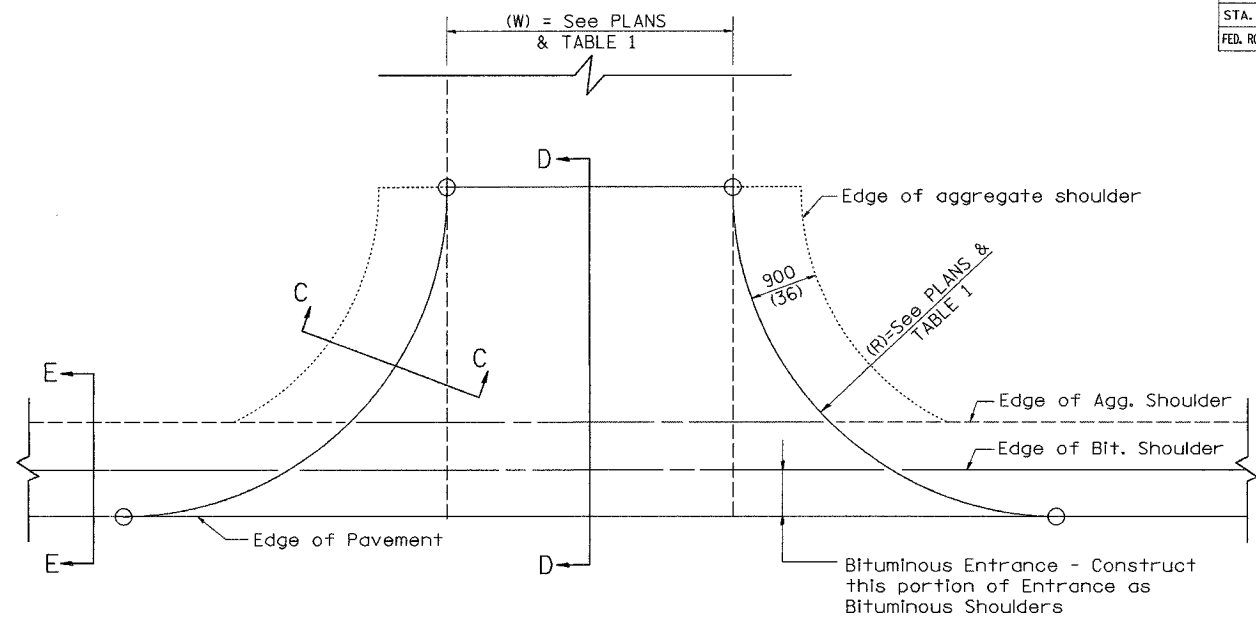
406101-D4 (2)

\$\$\$DATE\$\$\$

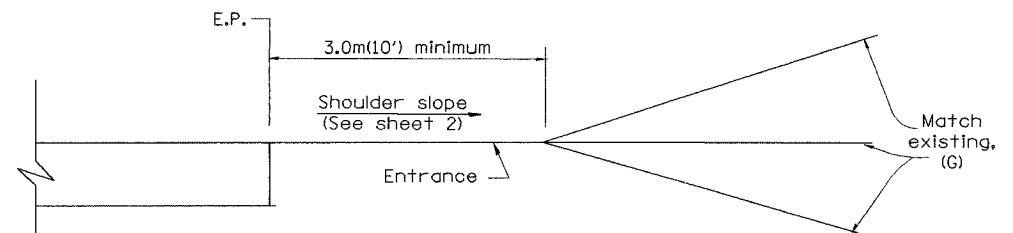
DGN-ONLY



PLAN
AGGREGATE ENTRANCE



PLAN
PCC OR BITUMINOUS ENTRANCE



DETAIL A
ENTRANCE PROFILE CONTROLS

TABLE 1 RURAL ENTRANCE DESIGN									
ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT		COMMERCIAL				
					1-WAY OPERATION		2-WAY OPERATION		
WIDTH (W)	3.6m(12') MIN.	7.2m(24') MAX.	6.1m(20') MIN.	9.0m(30') MAX.	4.3m(14') MIN.	7.2m(24') MAX.	7.2m(24') MIN.	10.7m(35') MAX.	
RADIUS (R)	3.0m(10') MIN.	12.0m(40') MAX.	3.0m(10') MIN.	12.0m(40') MAX.	6.1m(20') MIN.	15.0m(50') MAX.	6.1m(20') MIN.	15.0m(50') MAX.	
MAX. GRADE (G)	12%		12%		10%				

GENERAL NOTES

- Entrances shall slope away from the pavement edge at a rate equal to the shoulder slope for a minimum distance of 3.0m(10'). See DETAIL 'A'.
- The total shoulder width, 2.4m(8') minimum, shall be paved between sideroads, entrances and/or mailbox turnouts, at locations where the distance between radius or taper control points is less than 15.0m(50'). See DETAIL 'B'.
- The width of bituminous stub for field entrances shall be equal to the bituminous shoulder width unless otherwise shown.

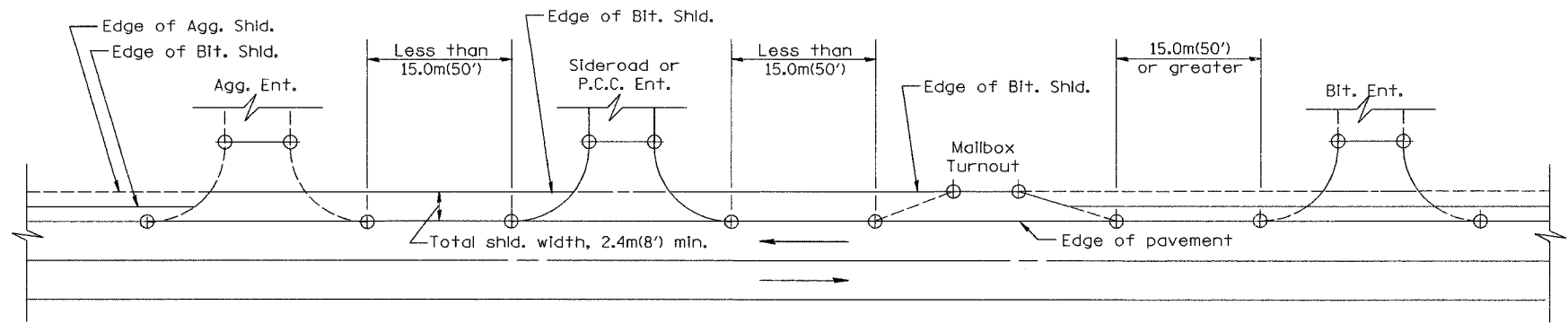
All slopes ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

RURAL ENTRANCES FOR
"3R" PROJECTS

SHEET 1 OF 2
CADD STD NO. 406301-D4
SCALE: NOT DRAWN TO SCALE
DRAWN BY: CADD
CHECKED BY: T. PICKERING

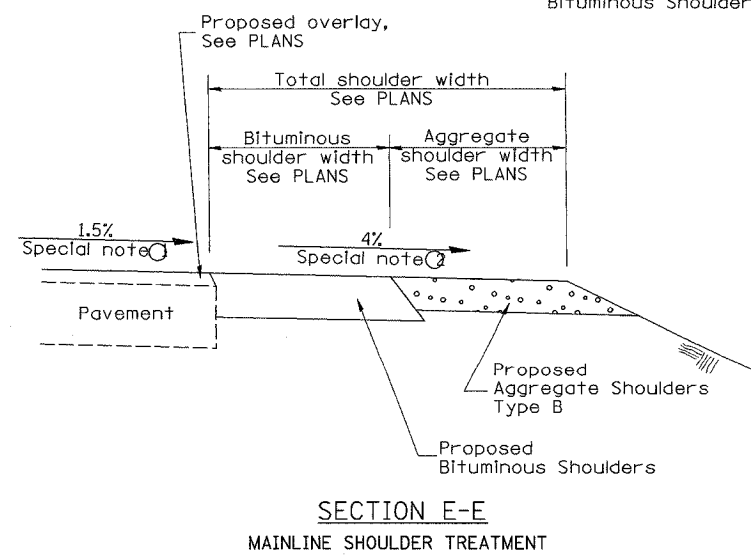
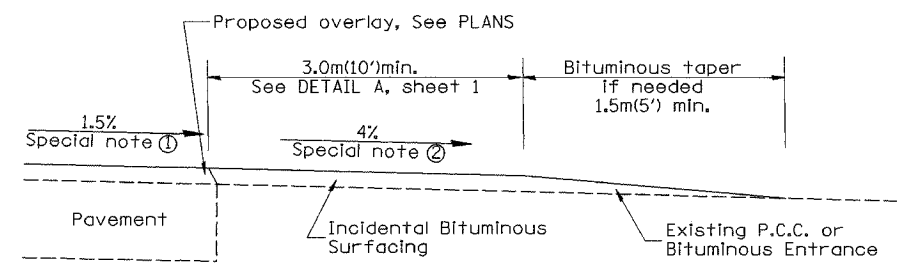
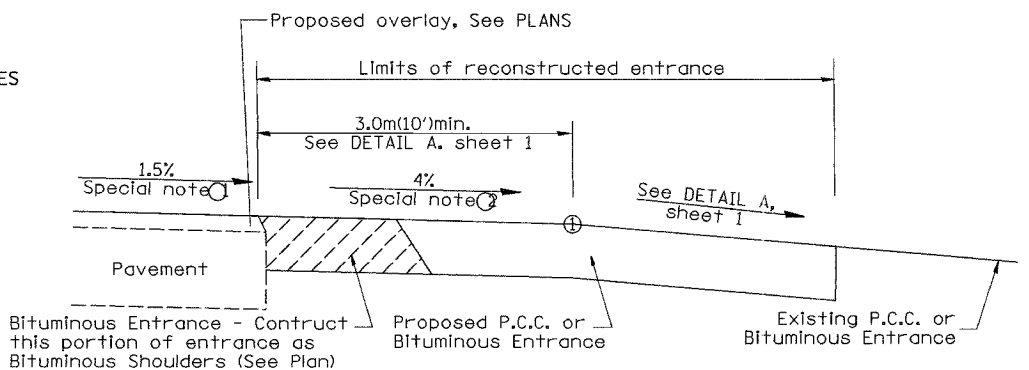
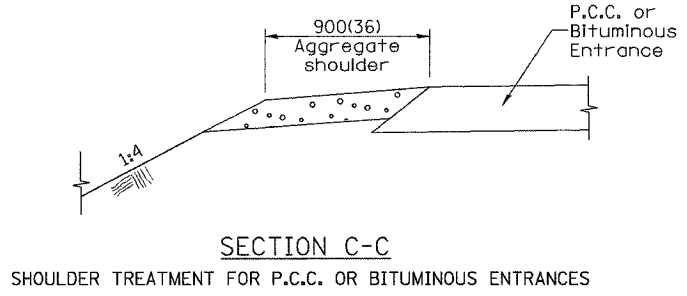
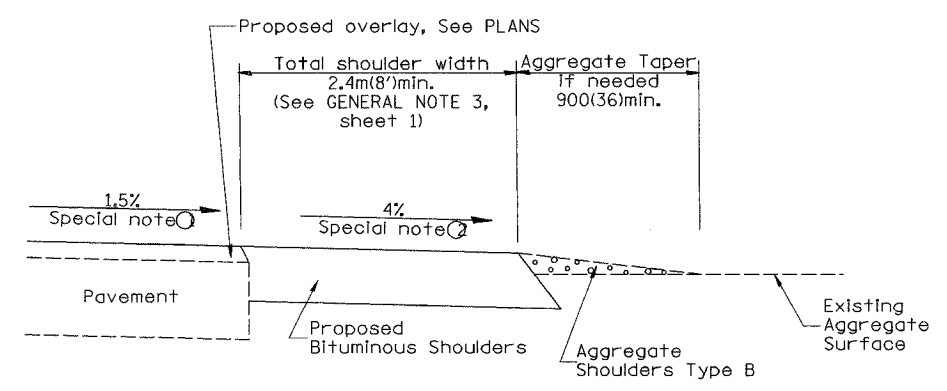
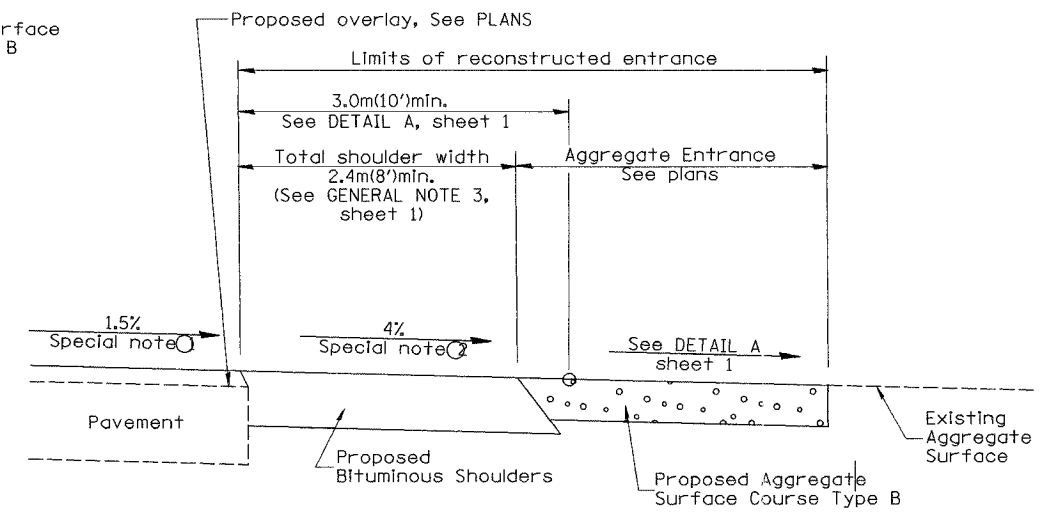
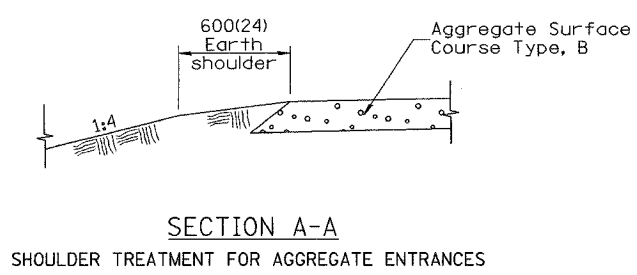
DATE	REVISIONS	BY
1-1-97	RENUM. C-103.06, NEW REVISION BOX	T.P.
7-1-97	REVISE DESIGNER NOTES	J.A.



DETAIL B
SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS,
ENTRANCES, AND/OR MAILBOX TURNOUTS
(SEE GENERAL NOTE 2, SHEET 1)

\$\$\$DATE\$\$\$

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			730	072
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SPECIAL NOTES

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on super-elevated horizontal curves.
- ② The shoulder slope shall control the entrance profile for a distance of 3.0m(10') minimum from the pavement edge. The shoulder cross-slope is 4% for tangent alignment. Through super-elevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 1.8(6) and wider and 12% for shoulders 1.2m(4') and less. Where 300(12) paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H). All dimensions are in millimeters (inches) unless otherwise noted.

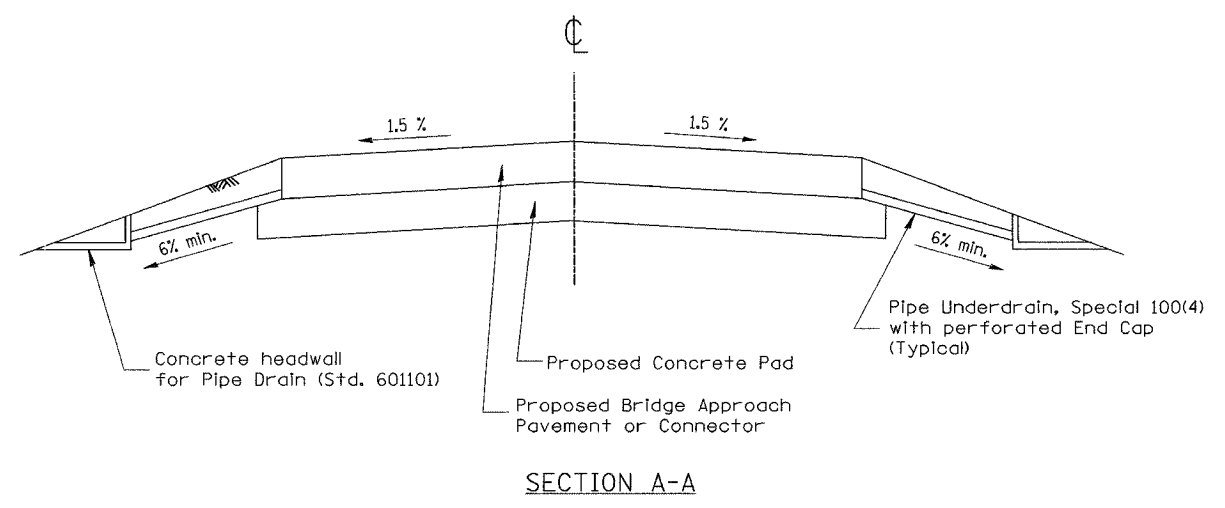
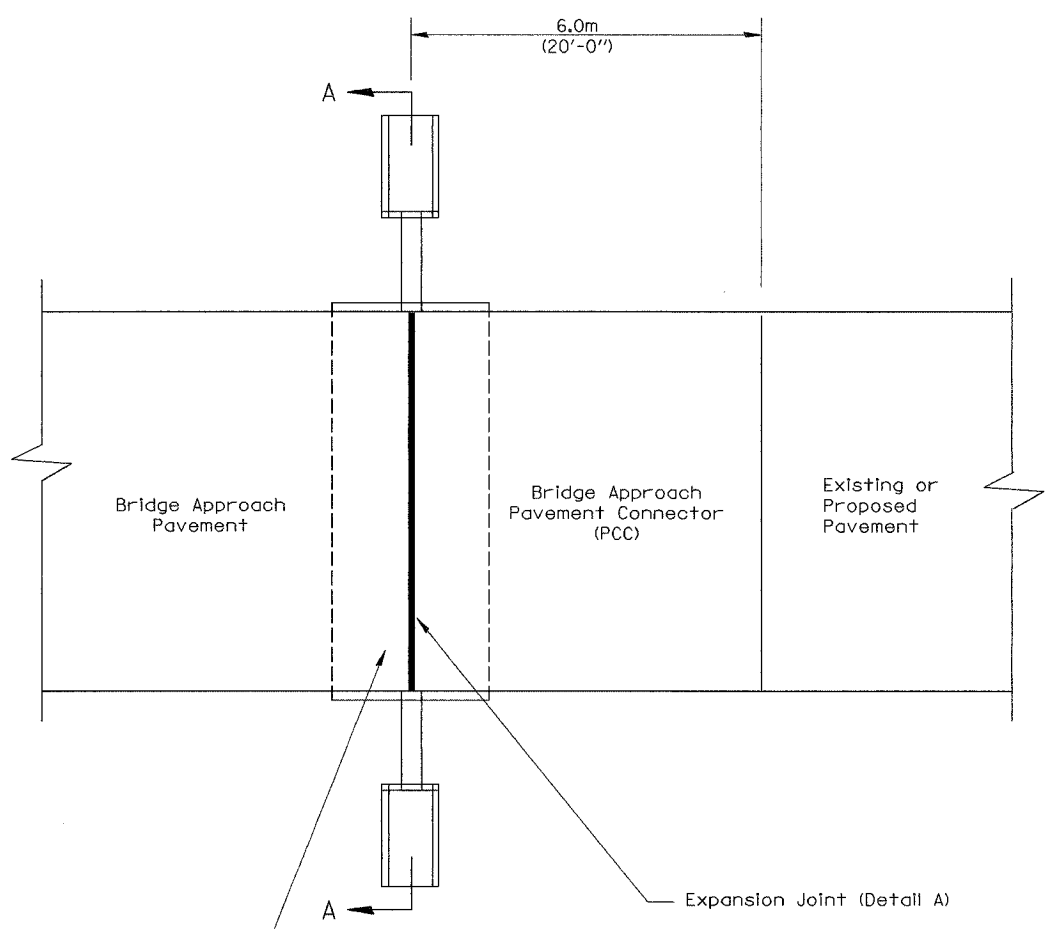
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
RURAL ENTRANCES FOR "3R" PROJECTS	
CADD STD NO. 406301-D4	SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE **DATE**	CHECKED BY: T. PICKERING

406301-D4(2)

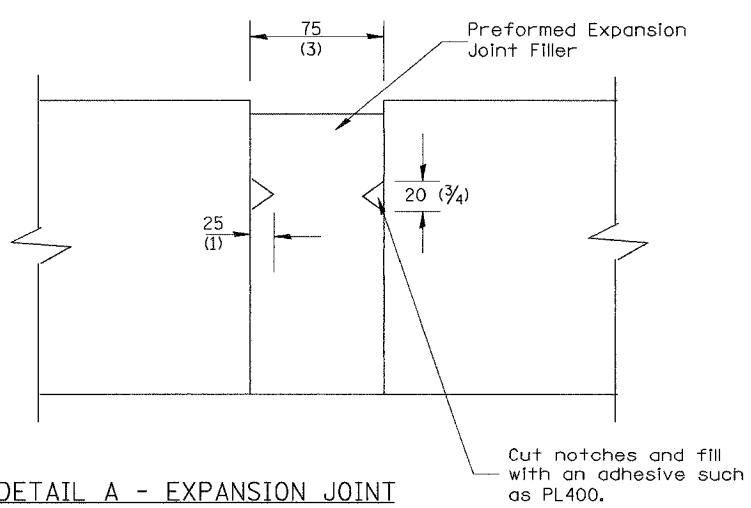
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DGN-ONLY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			7	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Concrete Pad (Std. 420401)



DETAIL A - EXPANSION JOINT

Preformed Expansion Joint Filler shall meet the requirements of Article 1051.08 or 1051.09. The expansion joint shall be constructed in accordance with Expansion Joint Sealing Detail shown on Standard 420001 and as shown herein.

GENERAL NOTES:

1. All work shall be done in accordance with Standard 420401 except as shown herein.
2. The concrete headwalls and pipe underdrain special will be in accordance with Section 601.
3. The bridge approach pavement connector (pcc) shall be constructed similar to section G-G for existing construction rigid pavement as shown standard 420401. Adjacent to PCC base course or pavement deformed bars will be required. Adjacent to bituminous pavement deformed bars will not be required.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

**BRIDGE APPROACH
DETAIL**

CADD STD. NO. 420401-D4
SCALE: NOT DRAWN TO SCALE
DATE: **DATE**
DRAWN BY: CADD
CHECKED BY:

DATE	REVISIONS	BY
1-1-97	RENUM. H-6.09, NEW REVISION BOX, NOTES	T.P.
2-22-97	REVISED SECTION - A-A	
3-1-97	CORRECT STD. NO. IN NOTES	J.A.

\$\$\$DATE\$\$\$

DGN-ONLY

420401-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	077
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

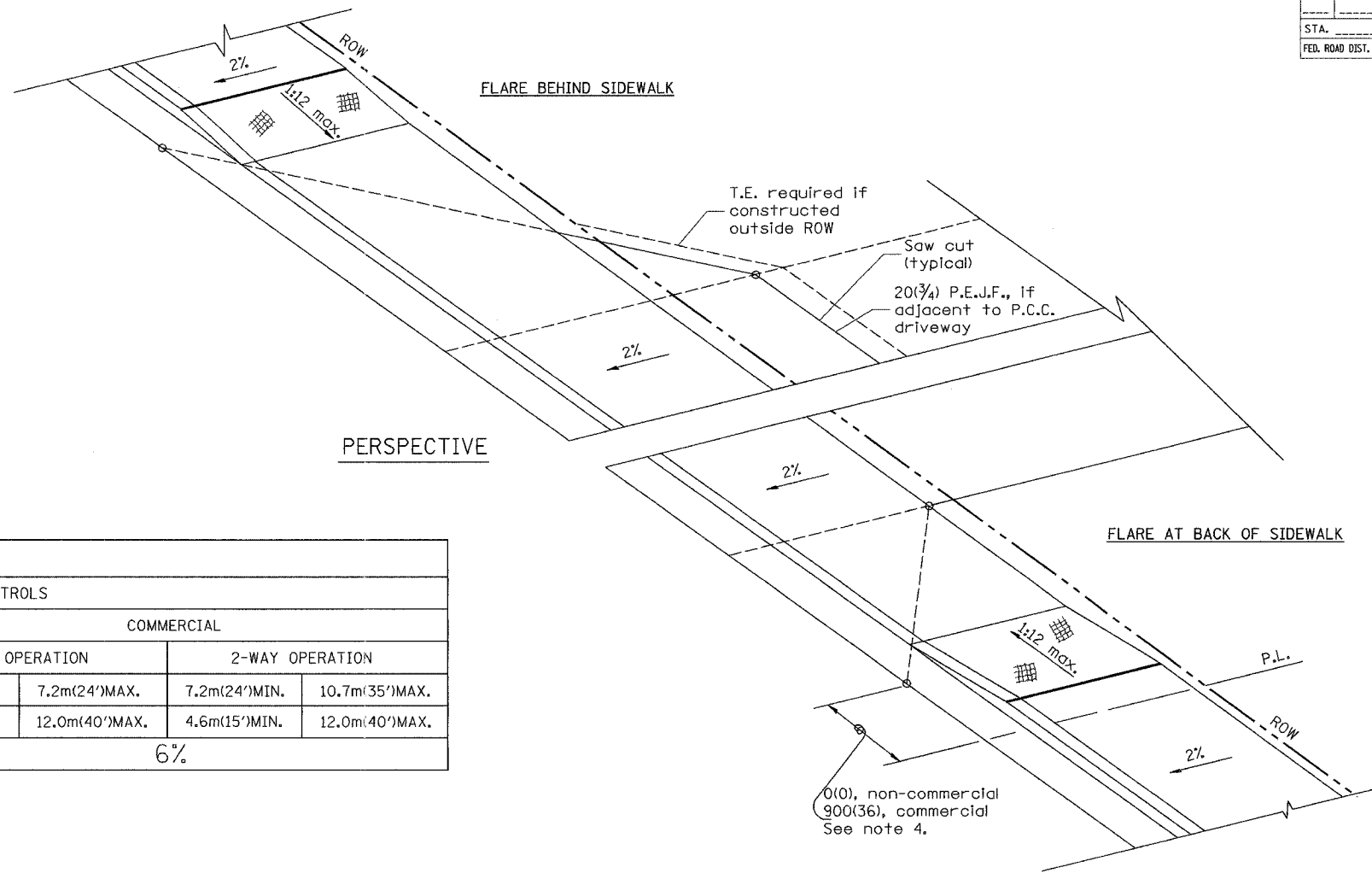
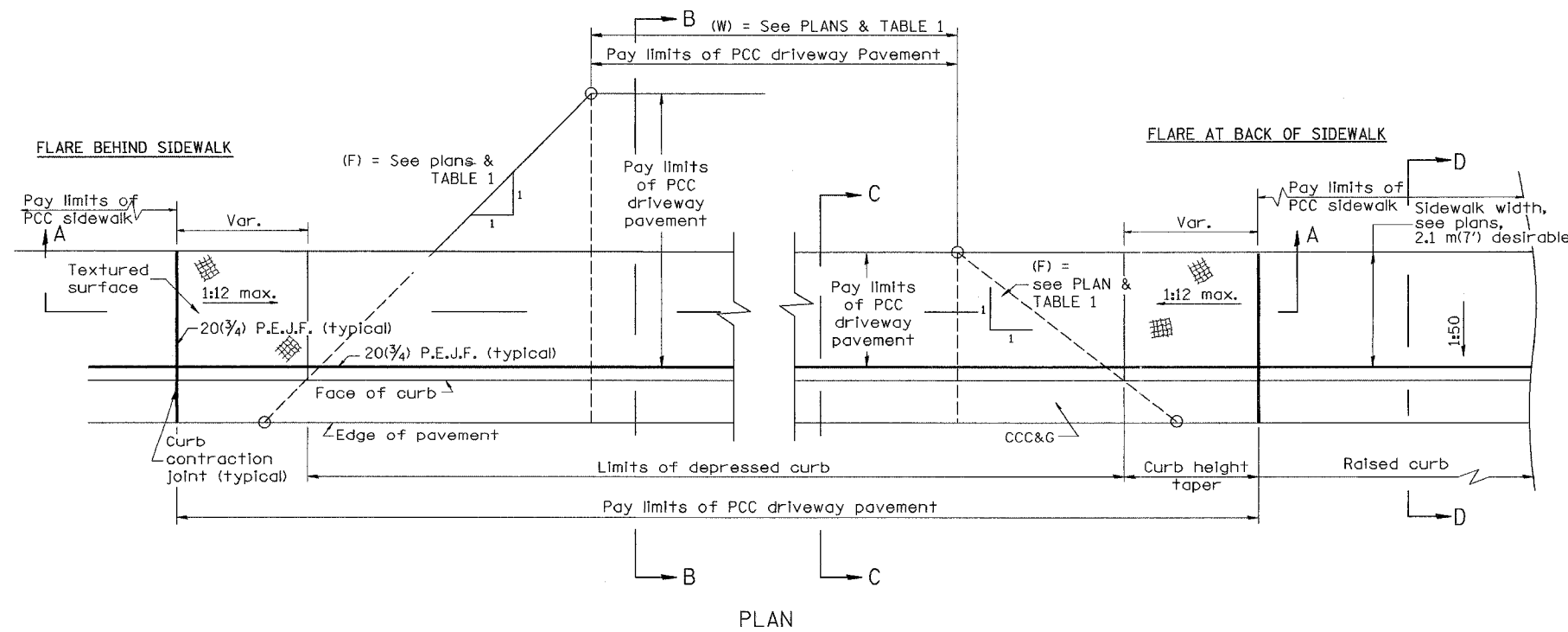


TABLE 1						
URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	3.6m(12')MIN.	7.2m(24')MAX.	4.3m(14')MIN.	7.2m(24')MAX.	7.2m(24')MIN.	10.7m(35')MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	1.5m(5')MIN.	7.6m(25')MAX.	4.6m(15')MIN.	12.0m(40')MAX.	4.6m(15')MIN.	12.0m(40')MAX.
MAX. GRADE (G)	8%		6%			



GENERAL NOTES

1. Refer to State Standard 424001 for texturing and other disabled accessibility design elements.
2. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
3. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
4. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.

All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

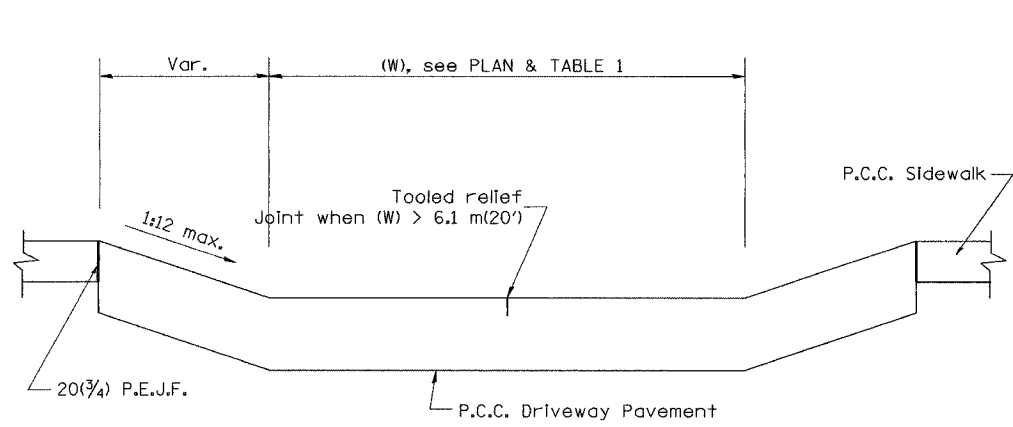
URBAN ENTRANCES ACCESSIBLE TO THE DISABLED FOR CURBLINE SIDEWALKS

CADD STD NO. 423101-D4 SHEET 1 OF 2
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD CHECKED BY: T. PICKERING
DATE **DATE**

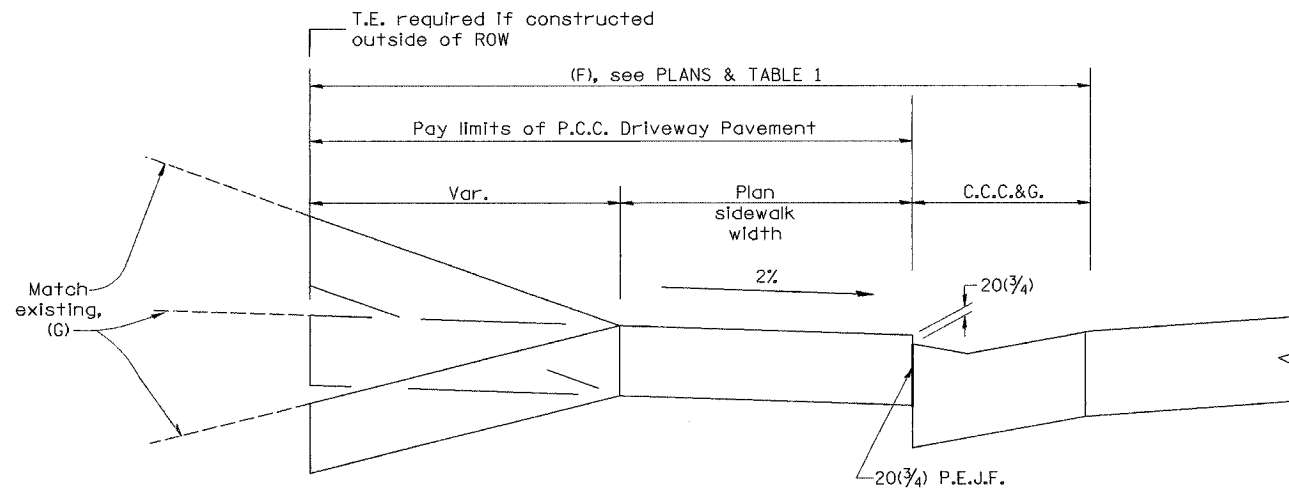
DATE	REVISIONS	BY
1-1-97	RENUM. C-103.02, NEW REVISION BOX, REVISED GENERAL NOTES	T.P.

\$\$\$DATE\$\$\$

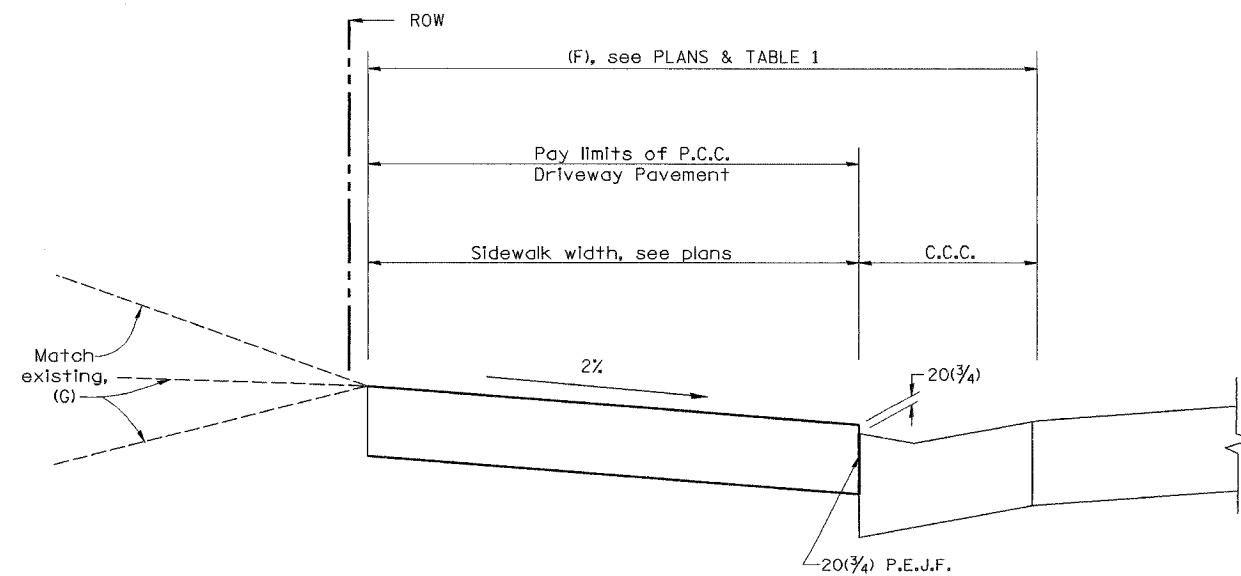
F.A. SHEETS NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	875
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



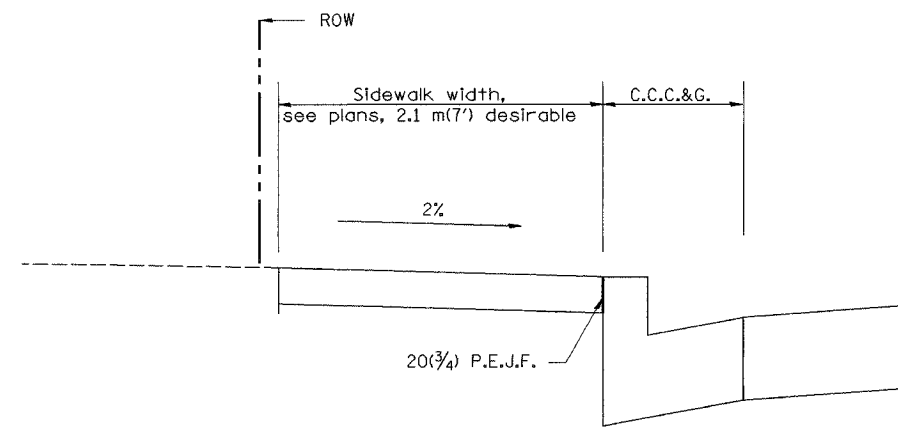
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

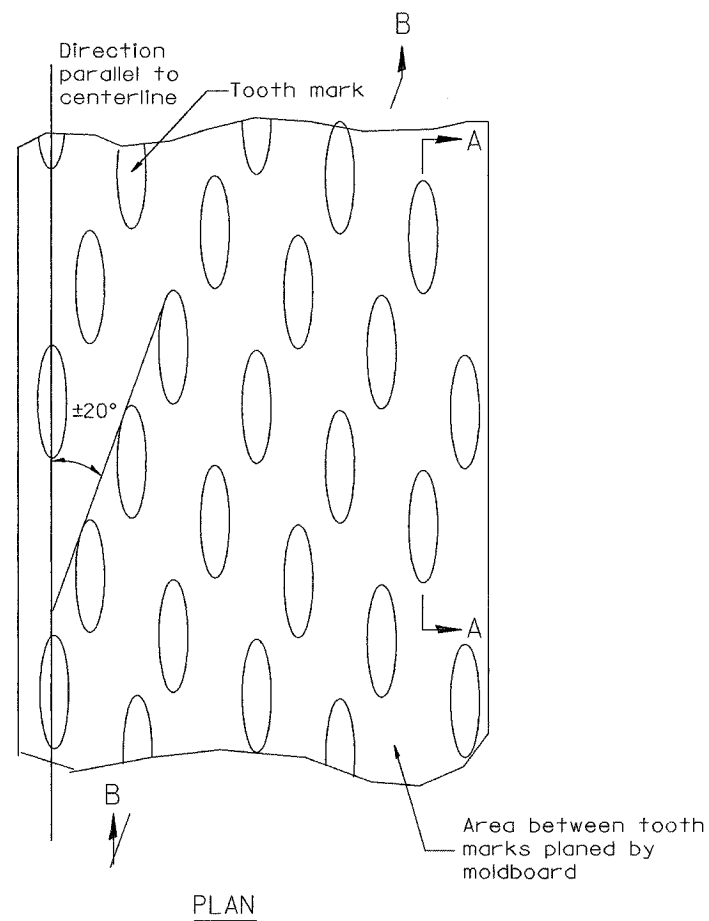
All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
URBAN ENTRANCES ACCESSIBLE TO THE DISABLED FOR CURBLINE SIDEWALKS	
CADD STD NO. 423101-D4	SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE: **DATE**	CHECKED BY

\$\$\$DATE\$\$\$

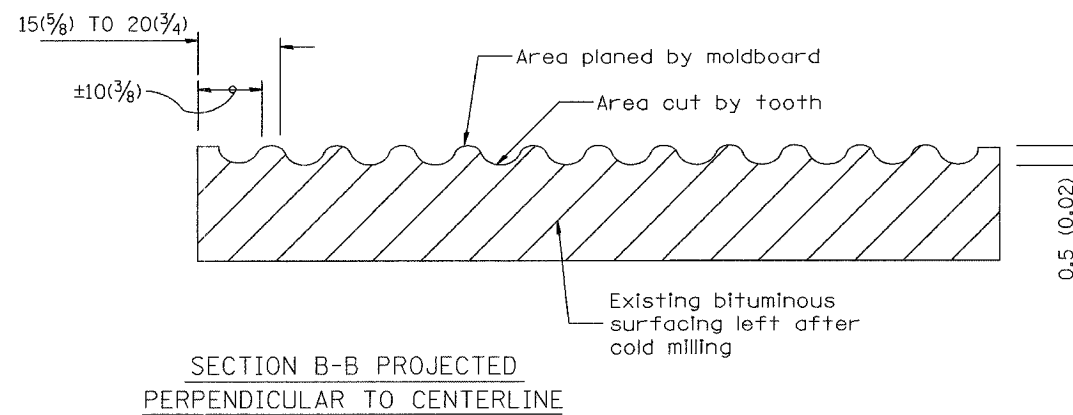
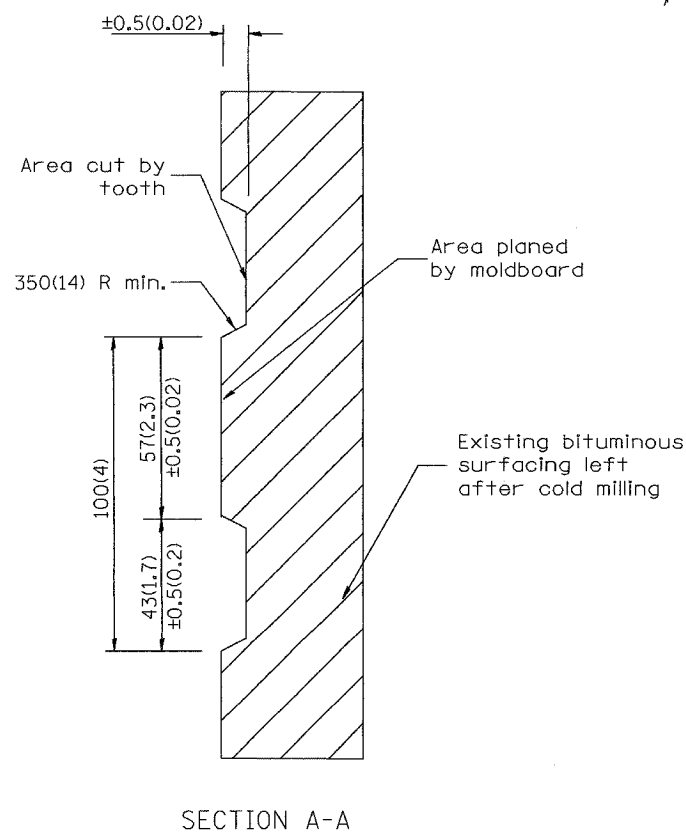
DGN-ONLY

F.A. SHEETS NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1320	87
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

DATE	REVISIONS	BY
1-1-97	RENUM. C-104.01, NEW REVISION BOX	T. P.
4-20-98	REMOVED MILLING DETAIL FROM STD.	J. A.
9-08-98	CORRECT NOTE LEADER PLACEMENT	R. W.

BITUMINOUS SURFACE REMOVAL
(COLD MILLING)

CADD STD NO. 440001-D4

SCALE: NOT DRAWN TO SCALE DRAWN BY CADD

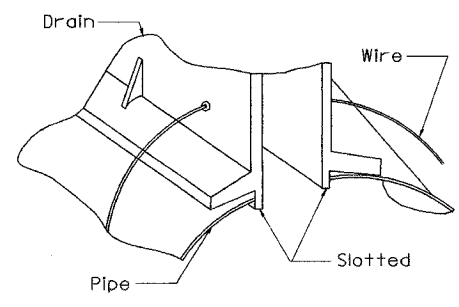
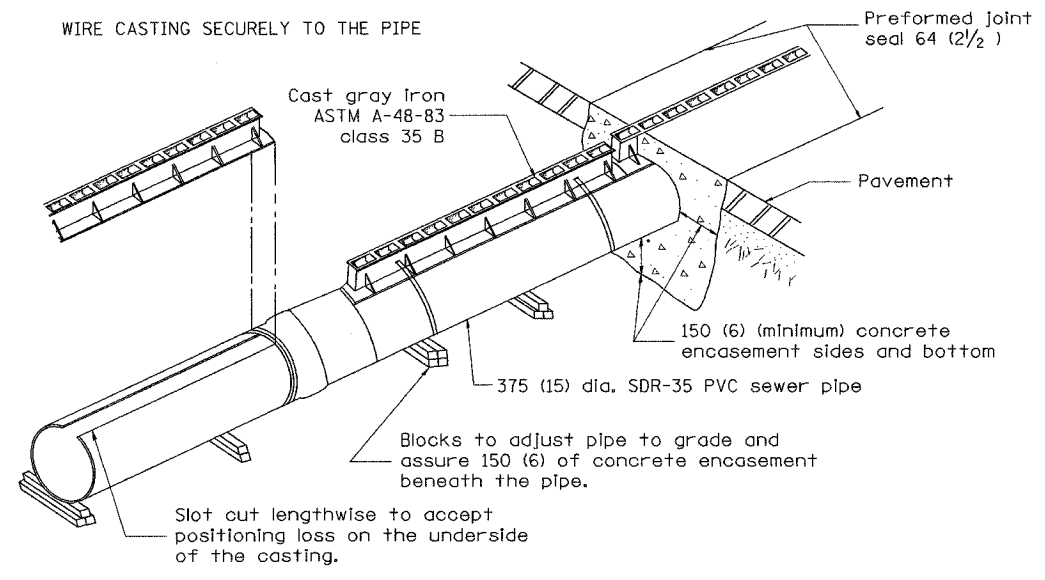
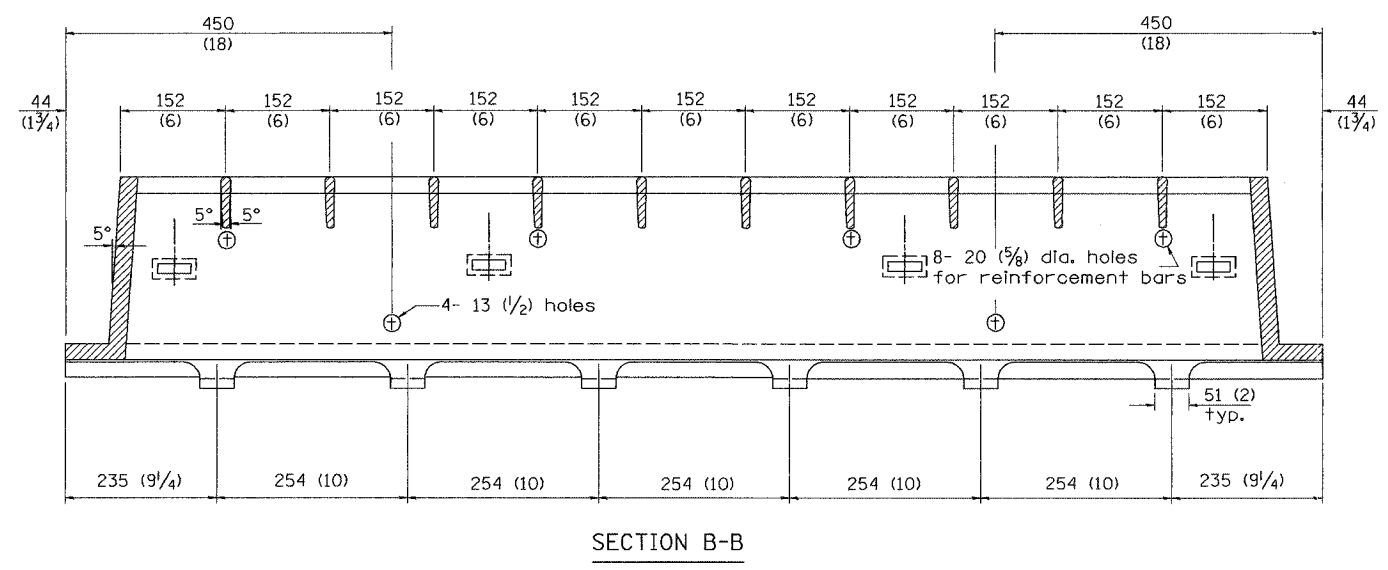
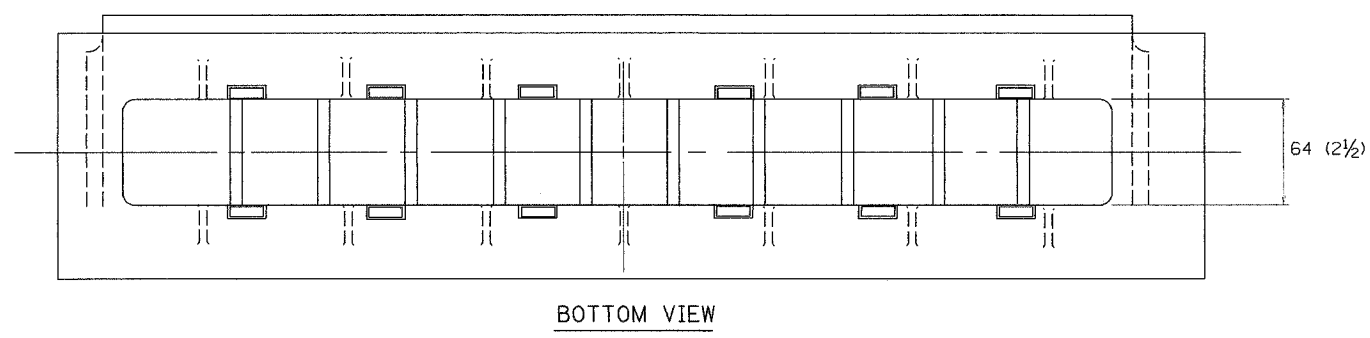
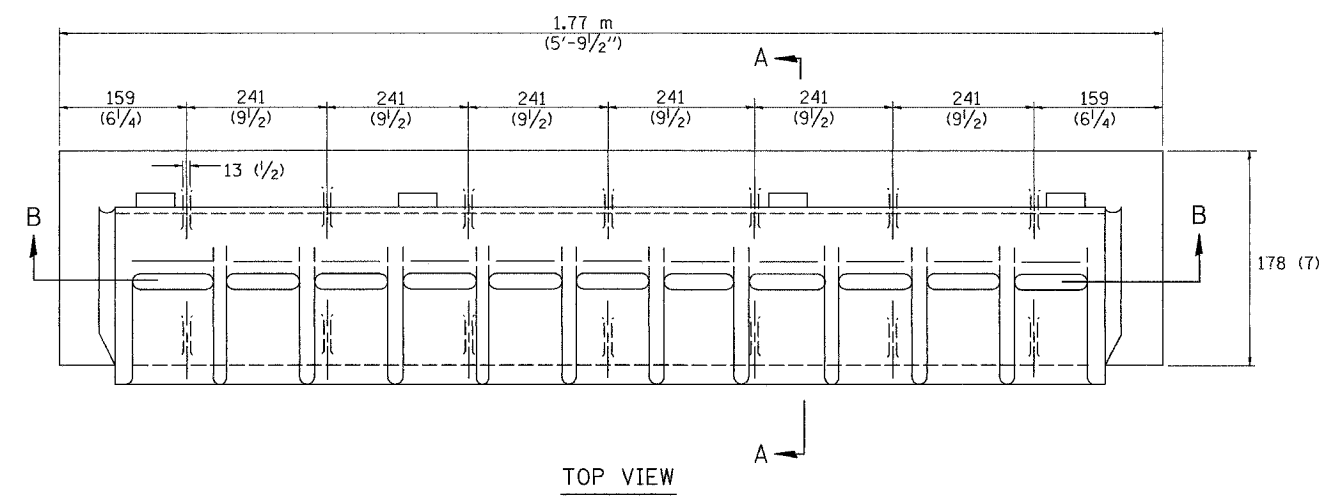
DATE **DATE** CHECKED BY

DATE

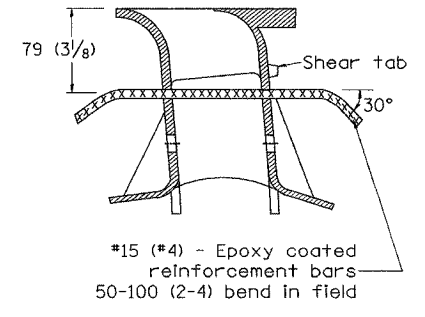
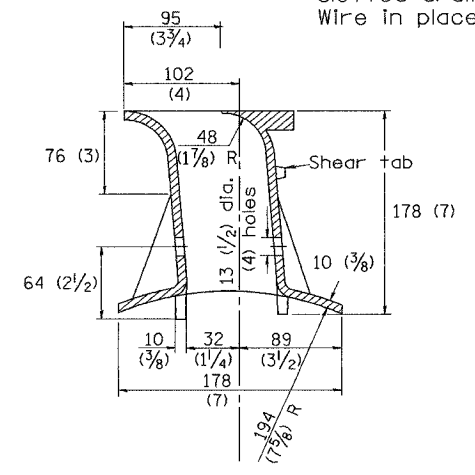
DGN-ONLY

440001-D4

F.A. DIST. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1320	872
STA.	TO STA.			
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



NOTE:
Saw slot in pipe. Insert slotted drain in pipe. Wire in place.



All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

SLOTTED VANE DRAIN

CADD STANDARD 601701-D4
SCALE: NOT TO SCALE
DRAWN BY: CADD
CHECKED BY:

DATE	REVISIONS	BY
1-1-97	RENUM. B-4.10, NEW REVISION BOX	T.P.

601701-D4

R3599

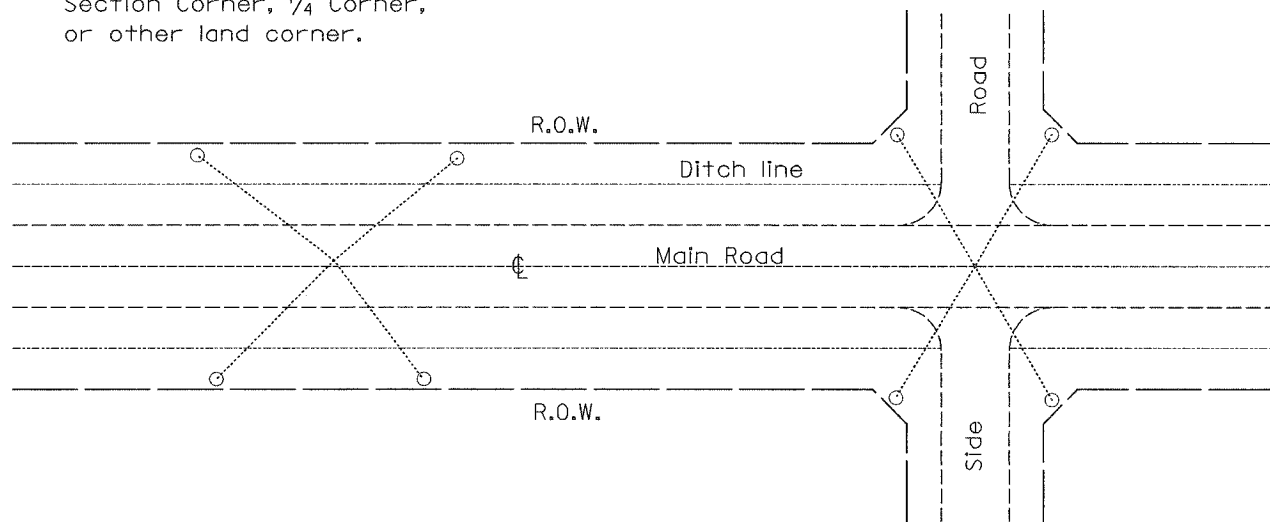
DATE

DGN-ONLY

F.A. SECTION COUNTY TOTAL SHEETS SHEET NO.				
STA. TO STA.				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PERMANENT SURVEY TIES

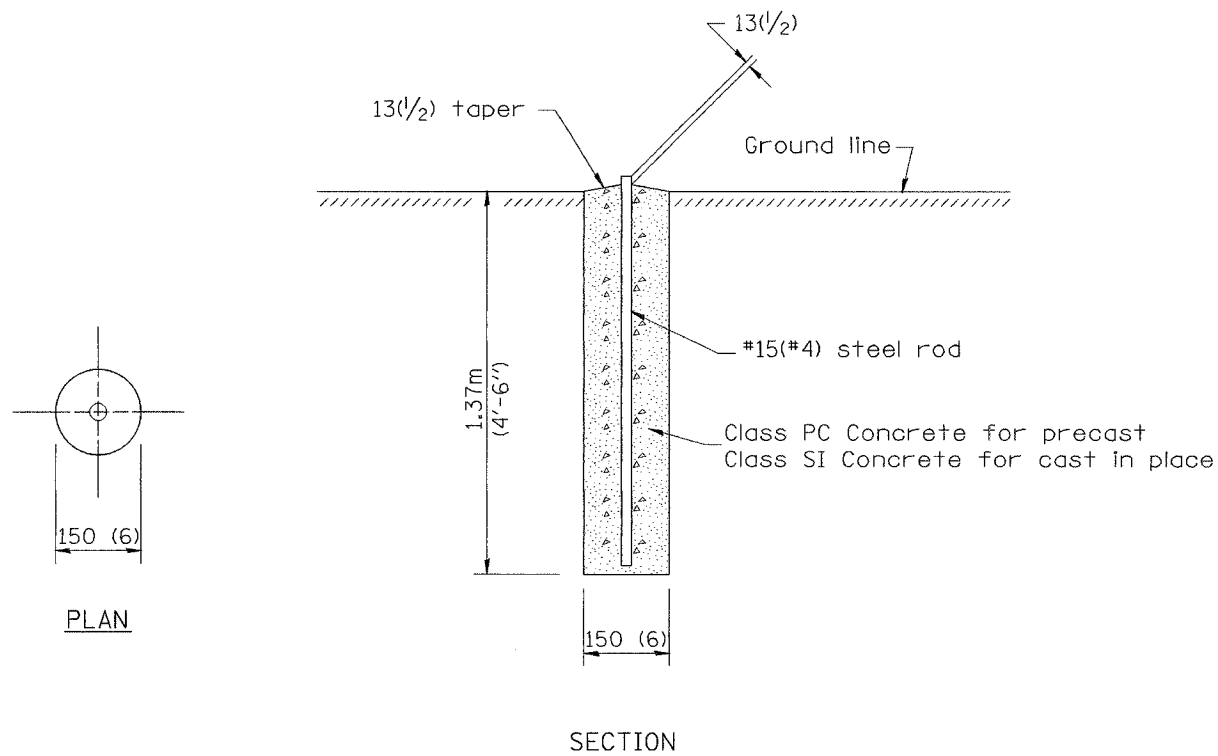
○ Permanent Survey Tie
Section Corner, 1/4 Corner,
or other land corner.



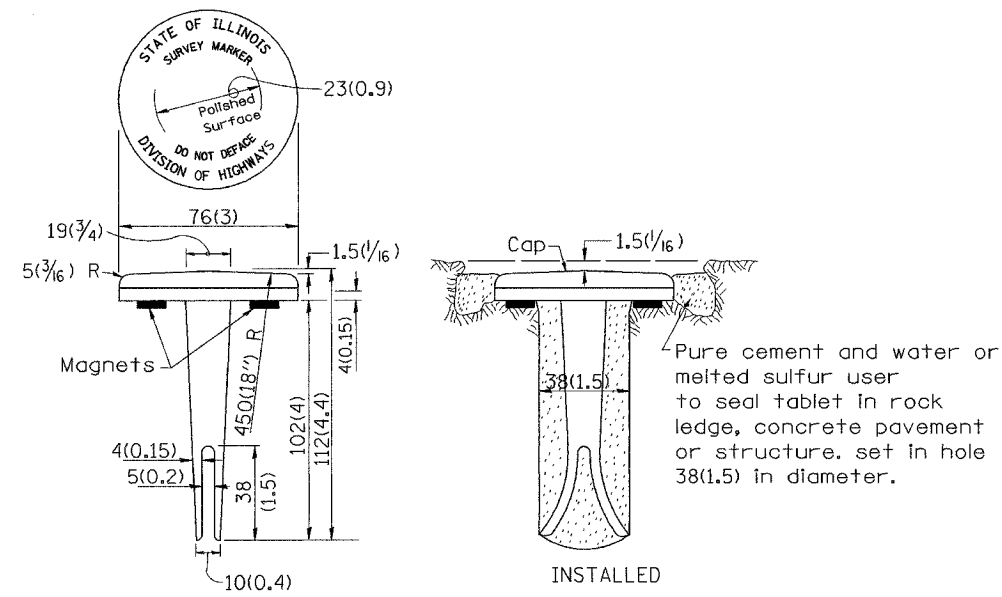
TYPICAL APPLICATION

GENERAL NOTES

1. The marker may be either precast of Class PC Concrete, or cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured and recorded by the IDOT Chief of Surveys.



PERMANENT SURVEY MARKERS

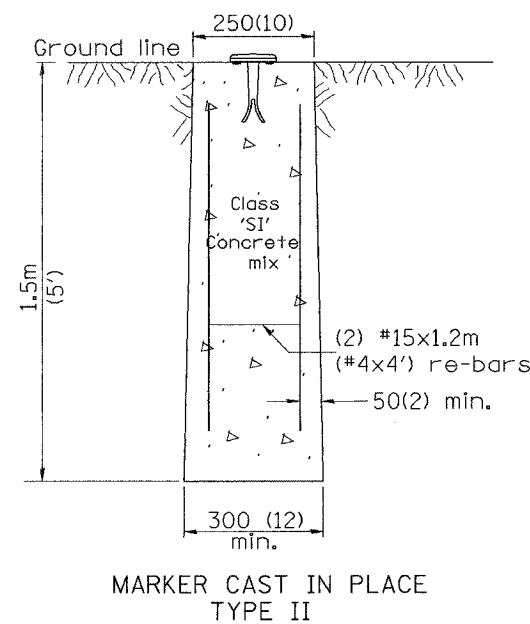


BRONZE TABLET - No Scale
TYPE I

Pure cement and water or melted sulfur user to seal tablet in rock ledge, concrete pavement or structure. set in hole 38(1.5) in diameter.

GENERAL NOTES

1. All type II markers shall be cast in place, and precast markers will not be allowed.
2. Two permanent magnets, each having a diameter of 19 (3/4) and a thickness of 6 (1/4), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
3. The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s and P.C.'s of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 300m(1000').
4. The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
5. The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.



All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
PERMANENT SURVEY TIE & PERMANENT SURVEY MARKERS TY.I - TY.II	
CADD STD. NO. 667101-D4	
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE **DATE**	CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. D-3.01, NEW REVISION BOX	T.P.
7-7-98	ADD DESIGNER NOTE, REVISED TITLE BOX	J.A.
	ADD DESIGNER NOTE	

\$\$\$DATE\$\$\$

PROJECT ENGINEER: RICHARD DOTSON (309) 671-3455

LIAISON ENGINEER: CHRISTOPHER MAUSHARD (309) 671-3464

FOR INDEX OF SHEETS AND COMMITMENTS, SEE SHEET NO. 2
FOR LIST OF STANDARDS, SEE SHEET NO. 3
SEE TYPICAL SECTIONS FOR STRUCTURAL PAVEMENT DESIGN INFO

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

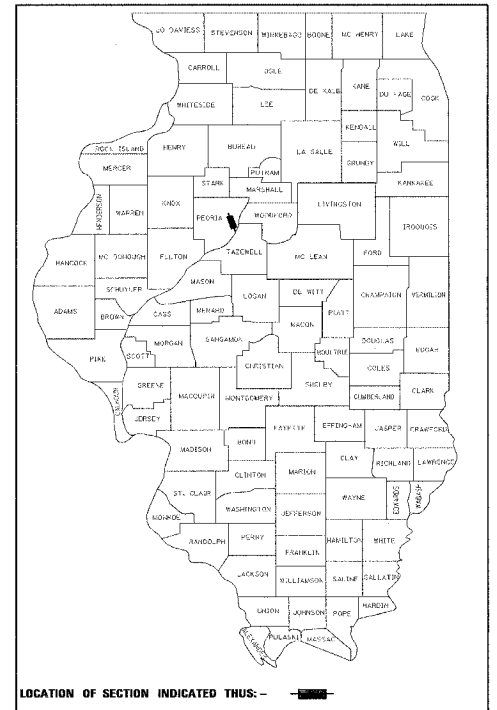
PEORIA COUNTY

C-94-009-02

R 8 E

F.A.I. RTEL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74 (I-74)	(72-7)R-3	PEORIA	1360	879

D-94-009-02



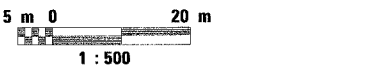
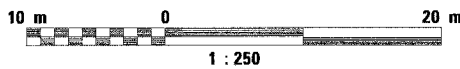
DESIGN DESIGNATION

FAI ROUTE 74 (ML PAVEMENT) - 7625 (25) INTERSTATE 38.28 (PCC-30)
FAI ROUTE 74 (RAMP PAVEMENT) - 1455 (25) INTERSTATE 9.23 (PCC-30)

SURVEY BOOK NOS.

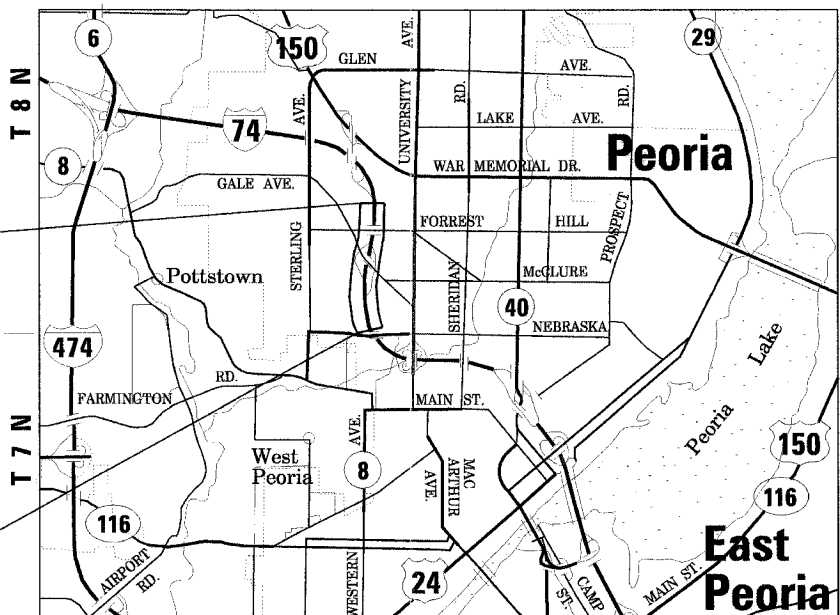
2630 A (IDOT)
2630 B (IDOT)
2630 C (IDOT)
2630 E (IDOT)

METRIC RATIOS



PROJECT BEGINS
WB STA. 144 + 718.000

PROJECT ENDS
WB STA. 146 + 410.000



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

GROSS LENGTH OF IMPROVEMENT = 1.692 KILOMETERS (1.051 MILES)
NET LENGTH OF IMPROVEMENT = 1.690 KILOMETERS (1.050 MILES)

LATITUDE = 40°
LONGITUDE = 89°

**SUPERPAVE PROJECT
QC/QA BITUMINOUS
QC/QA CONCRETE**

**NPDES PERMIT
REQUIRED**

CE
CLARK ENGINEERS, INC.
PROJECT ENGINEER: LEE S. AUSTIN

111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph(309)676-8464
FAX(309)676-5445
DESIGN FIRM REGISTRATION
NO. 184-00871

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PLAN SET #2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	380
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SHT. NO. GENERAL DRAWINGS

- 879 COVER SHEET
- 880 INDEX OF SHEETS
- 881 HIGHWAY STANDARDS
- 882 - 885 TOTAL BILL OF MATERIALS
- 886 STATUS OF UTILITIES TO BE ADJUSTED
- 887 - 888 TYPICAL SECTIONS - EXISTING I 74
- 889 - 896 TYPICAL SECTIONS - PROPOSED I 74
- 897 - 900 TYPICAL SECTIONS - EXISTING RAMPS
- 901 - 907 TYPICAL SECTIONS - PROPOSED RAMPS
- 908 - 917 SCHEDULE OF QUANTITIES
- 918 - 920 REFERENCE TIES
- 921 BENCHMARKS
- 922 - 924 SCHEMATIC DRAWINGS

MAINTENANCE OF TRAFFIC

- 925 MAINTENANCE OF TRAFFIC SCHEMATIC DRAWINGS - I 74 STAGE 3
- 926 - 927 MAINTENANCE OF TRAFFIC TYPICAL SECTIONS - I 74 STAGE 3
- 928 - 932 MAINTENANCE OF TRAFFIC - I 74 STAGE 3-1
- 933 - 937 MAINTENANCE OF TRAFFIC - I 74 STAGE 3-2
- 938 - 942 MAINTENANCE OF TRAFFIC - I 74 STAGE 3-3
- 943 - 947 MAINTENANCE OF TRAFFIC - I 74 STAGE 3-4

TEMPORARY INFORMATION SIGNING PLANS

- 948 - 952 TEMPORARY INFORMATION SIGNING - STAGE 3-1
- 953 - 957 TEMPORARY INFORMATION SIGNING - STAGE 3-2
- 958 - 962 TEMPORARY INFORMATION SIGNING - STAGE 3-3
- 963 - 967 TEMPORARY INFORMATION SIGNING - STAGE 3-4

ROADWAY PLANS

- 968 - 977 EXISTING AND PROPOSED ROADWAY PLANS - I 74

ROADWAY PROFILES

- 978 - 980 PROFILE SHEETS - WB MAINLINE I 74
- 981 PROFILE SHEETS - RAMP C-3
- 982 PROFILE SHEETS - RAMP C-4

SUPERELEVATION TRANSITIONS

- 983 SUPERELEVATION TRANSITION DETAIL - WB MAINLINE I 74
- 984 SUPERELEVATION DATA - WB MAINLINE I 74
- 985 SUPERELEVATION TRANSITION DETAIL - RAMP C-3, C-4
- 986 SUPERELEVATION DATA - RAMP C-3

DRAINAGE AND UTILITY PLANS

- 987 - 991 PROPOSED DRAINAGE AND UTILITY PLANS - I 74

DRAINAGE AND UTILITY PROFILES

- 992 DRAINAGE PROFILE - RAMP C-3

INTERCHANGE MATCHLINE PLANS

- 993 INTERCHANGE MATCHLINE PLAN

PROPOSED RIGHT OF WAY

- 994 - 995 RIGHT OF WAY PLANS

SHT. NO. PERMANENT PAVEMENT MARKING PLANS

- 996 - 1000 PERMANENT PAVEMENT MARKING PLANS - I 74

DETAILS & MEDIAN BARRIER PLANS

- 1001 - 1002 RAMP GORE ELEVATION DETAILS
- 1003 DRAINAGE DETAILS - DRAINAGE STRUCTURE, TYPE 1A, SPECIAL
- 1004 DRAINAGE DETAILS - RIPRAP DITCH FOR EROSION PROTECTION
- 1005 DRAINAGE DETAILS - DRAINAGE STRUCTURE REPAIR
- 1006 ARTICULATED BLOCK MAT DETAIL
- 1007 - 1008 SLOPE WALL DETAILS
- 1009 - 1014 SIGN PANEL DETAILS
- 1015 - 1021 MISCELLANEOUS ROADWAY DETAILS

STRUCTURAL PLANS

- 1022 - 1037 RAMP C-3 BOX CULVERT EXTENSION PLANS - S.N. 072-2005
- 1038 - 1048 RAMP C-3 NORTH MSE WALL PLANS - S.N. 072-8618 - WALL #18B
- 1049 NOT USED THIS PLAN SET
- 1050 - 1059 RAMP C-3 SOUTH MSE WALL PLANS - S.N. 072-8619 - WALL #18C

PROJECT STANDARDS

- 1060 420101-I74 JOINTED PCC PAVEMENT FOR RAMPS
- 1061 420206-I74 TYPICAL ENTRANCE RAMP TERMINAL
- 1062 420306-I74 TYPICAL EXIT RAMP TERMINAL
- 1063 421001-I74 BAR REINFORCEMENT FOR CRC PAVMENT
- 1064 - 1065 421206-I74 10.8 m CRC PAVEMENT
- 1066 483001-I74 PCC SHOULDER FOR MAINLINE AND RAMPS
- 1067 601001-I74 SUB-SURFACE DRAINS
- 1068 602101-I74 DRAINAGE STRUCTURE TYPE 1A AND 1B
- 1069 630101-I74 GUARDRAIL AGGREGATE EROSION CONTROL TREATMENT AND CONCRETE SHOULDER CURB
- 1070 637002-I74 CONCRETE BARRIER, SINGLE FACE (MODIFIED)
- 1071 642001-I74 I-74 SHOULDER RUMBLE STRIPS
- 1072 701101-I74 TRAFFIC CONTROL DETAILS FOR FREEWAY, SHOULDER CLOSURES, PARTIAL RAMP CLOSURES
- 1073 701403-I74 TRAFFIC CONTROL DETAILS FOR FREEWAY, CENTER LANE CLOSURE, MULTI-LANE WEAVE, SHOULDER LANE
- 1074 701411-I74 ENTRANCE AND EXIT RAMP CLOSURE DETAILS

DISTRICT 4 CADD STANDARDS

- 1075 205001-D4 SLOPE STEPS DETAIL
- 1076 542016-D4 PIPE CULVERT EXTENSION COLLAR (WITHOUT END SECTION)
- 1077 601701-D4 SLOTTED VANE DRAIN
- 1078 604101-D4 MEDIAN INLET (604101), SPECIAL AND MEDIAN INLET (604106), SPECIAL
- 1079 - 1081 606101-D4 TYPE A GUTTER (MODIFIED), (INLET, OUTLET AND ENTRANCE)
- 1082 - 1084 635101-D4 GUARDRAIL AND BARRIER WALL DELINEATION

CROSS SECTIONS

- 1085 - 1156 CROSS SECTIONS - WB MAINLINE I 74
- 1157 - 1178 CROSS SECTIONS - RAMP C-3
- 1179 CROSS SECTIONS - RAMP C-4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS



DATE 11/23/04

DRAWN BY RDY
CHECKED BY LSA

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1360	881
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001	TEMPORARY EROSION CONTROL SYSTEMS
420001	PAVEMENT JOINTS
420206	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420306	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420701	PAVEMENT FABRIC
515001	NAME PLATE FOR BRIDGES
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602401	MANHOLE TYPE A
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701	CAST IRON STEPS
604001	FRAME AND LIDS TYPE 1
604071	FRAME AND GRATE TYPE 20
604101	MEDIAN INLET FOR 600 mm (24") R.C.P.
604106	MEDIAN INLET FOR 900 mm (36") R.C.P.
630001	STEEL PLATE BEAM GUARDRAIL
630301	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011	TRAFFIC BARRIER TERMINAL TYPE 2
631031	TRAFFIC BARRIER TERMINAL TYPE 6
635001	DELINEATORS
635006	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011	REFLECTOR MARKER AND MOUNTING DETAILS
664001	CHAIN LINK FENCE
666001	RIGHT OF WAY MARKERS
701400	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701426	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
701446	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
702001	TRAFFIC CONTROL DEVICES
704001	TEMPORARY CONCRETE BARRIER
781001	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		HIGHWAY STANDARDS



DATE 11/23/04
DRAWN BY RDY
CHECKED BY LSA

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-74R-3)	PEORIA	1360	882
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SET #2 BILL OF MATERIALS FOR INFORMATION ONLY				URBAN / IM													
				90% FED 10% STATE										90% FED 5% STATE 5% CITY		90% FED 10% CITY	
				CONSTRUCTION TYPE CODE													
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 INTERCONNECT Y031-1F	TRAFFIC SIGNALS (6) Y031-1F	TRAFFIC SIGNALS (7) Y031-1F	TRAFFIC SIGNALS (8) Y031-1F
28000300	TEMPORARY DITCH CHECKS	EACH	47		47												
28000500	INLET AND PIPE PROTECTION	EACH	28		28												
28000510	INLET FILTER	EACH	53		53												
50104400	CONCRETE HEADWALL REMOVAL	EACH	1		1												
51500100	NAME PLATES	EACH	3						1	2							
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	20		20												
60246605	MEDIAN INLET (604101)	EACH	1		1												
60246805	MEDIAN INLET (604106)	EACH	1		1												
60247132	DRAINAGE STRUCTURES, TYPE 1A WITH ONE TYPE 20 FRAME AND GRATE	EACH	3		3												
60258100	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1		1												
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1		1												
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4												
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4		4												
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	2		2												
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	384		384												
78200410	GUARDRAIL MARKERS, TYPE A	EACH	37		37												
78200500	BARRIER WALL MARKERS	EACH	8		8												
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4												
M2010110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	151		151												
M2010210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	310		310												
M2010500	TREE REMOVAL, HECTARES	HA	0.9		0.9												
M2020010	EARTH EXCAVATION	CU M	31,470		31,470												
M2021200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	120		120												
M2080250	TRENCH BACKFILL, SPECIAL	CU M	223		223												
M2101000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO M	33,159.5		33,159.5												
M2113100	TOPSOIL FURNISH AND PLACE, 100MM	SO M	30,420		30,420												
M2500210	SEEDING, CLASS 2A	HA	2.8		2.8												
M2500300	SEEDING, CLASS 3	HA	0.5		0.5												
M2500350	SEEDING, CLASS 7	HA	3.0		3.0												
M2500400	NITROGEN FERTILIZER NUTRIENT	KG	304.3		304.3												
M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	304.3		304.3												
M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	304.3		304.3												
M2510125	MULCH, METHOD 3	HA	2.6		2.6												
M2510630	EROSION CONTROL BLANKET	SO M	4,196.9		4,196.9												

* SPECIALTY ITEMS
+ FUND CODE SFTY-3N
++ FUND CODE Y080
+++ FUND CODE SFTY-3C
Δ 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
(4) NORTH AND SOUTH CULVERT EXTENSION, SN 072-2005 (072-2005)
(5) WALL 18B, SN 072-8618 (072-2005); WALL 18C, SN 072-8619 (072-2005)
(6) WAR MEMORIAL DRIVE / STERLING / GLEN
(7) WAR MEMORIAL DRIVE / SCENIC DRIVE
(8) SCENIC DRIVE / MALL ENTRANCE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TOTAL BILL OF MATERIALS
PLAN SET #2
FAI ROUTE 74 (I-74)
DRAWN BY RDY
CHECKED BY LSA
DATE 11/23/04

11/23/04 10:00 AM 11/23/04 10:00 AM 11/23/04 10:00 AM 11/23/04 10:00 AM 11/23/04 10:00 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(I2-7)R-3	PEORIA	1360	884
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SET #2 BILL OF MATERIALS
FOR INFORMATION ONLY

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	URBAN / IM															
				90% FED 10% STATE								90% FED 5% STATE 5% CITY		90% FED 10% CITY					
				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 INTERCONNECT Y031-1F	TRAFFIC SIGNALS (6) Y031-1F	TRAFFIC SIGNALS (7) Y031-1F	TRAFFIC SIGNALS (8) Y031-1F		
M5500830	STORM SEWERS, CLASS A, TYPE 3 300MM	METER	23.5		23.5														
M5500900	STORM SEWERS, CLASS A, TYPE 3 1200MM	METER	15.5		15.5														
M5501265	STORM SEWERS, CLASS A, TYPE 4 600MM	METER	33.5		33.5														
M5501665	STORM SEWERS, CLASS A, TYPE 5 600MM	METER	3.5		3.5														
M5510060	STORM SEWER REMOVAL 600MM	METER	36.0		36.0														
M5510095	STORM SEWER REMOVAL 1200MM	METER	10.0		10.0														
M6010080	FRENCH DRAINS	CU M	42								42								
M6010605	PIPE UNDERDRAINS 100MM	METER	2,721.0		2,721.0														
M6010705	PIPE UNDERDRAINS 100MM (SPECIAL)	METER	142.5		142.5														
M6021405	MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		1														
M6021410	MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1														
M6021511	MANHOLES, TYPE A, 1.2M DIAMETER, WITH MEDIAN INLET (604101)	EACH	2		2														
M6060010	CLASS SI CONCRETE (OUTLET)	CU M	14.8		14.8														
M6060270	CONCRETE GUTTER, TYPE A (MODIFIED)	METER	129.2		129.2														
M6300100	STEEL PLATE BEAM GUARD RAIL, TYPE A	METER	1,084.70		1,084.70														
M6320030	GUARDRAIL REMOVAL	METER	366		366														
M6370140	CONCRETE BARRIER, SINGLE FACE (MODIFIED)	METER	14		14														
M6420015	SHOULDER RUMBLE STRIP	METER	31,575.7		31,575.7														
M6640100	CHAIN LINK FENCE, 1.2 METER	METER	363.0		363.0														
M7030520	PAVEMENT MARKING TAPE, TYPE III 100MM	METER	14,667		14,667														
M7030540	PAVEMENT MARKING TAPE, TYPE III 150MM	METER	2,541		2,541														
M7030550	PAVEMENT MARKING TAPE, TYPE III 200MM	METER	253		253														
M7031000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ M	2,370		2,370														
M7040300	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	1,698.85		1,698.85														
MT210105	SIGN PANEL OVERLAY, SPECIAL	SQ M	5.24		5.24														
M7802010	POLYUREA PAVEMENT MARKING TYPE I - LINE 100MM	METER	7,601		7,601														
M7802015	POLYUREA PAVEMENT MARKING TYPE I - LINE 150MM	METER	1,691		1,691														
M7802020	POLYUREA PAVEMENT MARKING TYPE I - LINE 200MM	METER	1,241		1,241														
M7802030	POLYUREA PAVEMENT MARKING TYPE I - LINE 300MM	METER	114		114														
MX030472	FORM LINER GRID AND FIN SURFACE	SQ M	606.5							606.5									
MX032083	GUARDRAIL AGGREGATE EROSION CONTROL	M TON	951		951														
MX032894	SLOTTED VANE DRAIN	METER	81.5		81.5														
MX032929	ENGINEERED FILL, CLASS 4	CU M	332		332														

* SPECIALTY ITEMS
+ FUND CODE SFTY-3N
++ FUND CODE Y080
+++ FUND CODE SFTY-3C
Δ 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
(4) NORTH AND SOUTH CULVERT EXTENSION, SN 072-2005 (072-2005)
(5) WALL 18B, SN 072-8618 (072-2005); WALL 18C, SN 072-8619 (072-2005)
(6) WAR MEMORIAL DRIVE / STERLING / GLEN
(7) WAR MEMORIAL DRIVE / SCENIC DRIVE
(8) SCENIC DRIVE / MALL ENTRANCE

REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
TOTAL BILL OF MATERIALS
PLAN SET #2
FAI ROUTE 74 (I-74)
DATE 11/23/04
DRAWN BY RDY
CHECKED BY LSA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	685
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SET #2 BILL OF MATERIALS FOR INFORMATION ONLY					URBAN / IM										90% FED 10% STATE		90% FED 5% STATE 5% CITY		90% FED 10% CITY	
					CONSTRUCTION TYPE CODE										TRAFFIC SIGNAL INTERCONNECT	TRAFFIC SIGNALS (6)	TRAFFIC SIGNALS (7)	TRAFFIC SIGNALS (8)		
					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						
CODE NO.	PAY ITEM	UNIT	TOTAL	QUANTITY																
MX033089	ENGINEERED FILL, CLASS 2	CU M	1,899		1,899															
MX033181	WATER (DUST CONTROL)	UNIT	1,254		1,254															
MX033182	APPLY DUST SUPPRESSION AGENTS	UNIT	627		627															
MX033183	SOIL STABILIZERS	KG	14,850		14,850															
MX033192	AGGREGATE SUBBASE	M TON	27,319		27,319															
MX033194	WHITEWASH	SQ M	34,120		34,120															
MX034462	REMOVAL AND DISPOSAL OF TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	2,626.05		2,626.05															
MX406295	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL)	M TON	11,907		11,907															
MX720100	TEMPORARY SIGN PANEL ASSEMBLY	SQ M	3.25		3.25															
MX721010	COMPOSITE TEMPORARY SIGN OVERLAY	SQ M	4.45		4.45															
MZ021500	EXPANSION JOINT 75MM	METER	17.5		17.5															
MZ022800	FENCE REMOVAL	METER	594.0		594.0															
MZ031105	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ M	435.2							435.2										
MZ031107	MECHANICALLY STABILIZED EARTH RETAINING WALL WITH CAST-IN-PLACE FACING	SQ M	727.4							727.4										
X0322906	WEEP HOLES CORED	EACH	84							84										
Δ X0323677	STREET SWEEPING	HOUR	231		231															
X0323678	DUST CONTROL PADS	EACH	2		2															
X0323989	REINSTALL TEMPORARY SIGN PANEL ASSEMBLY	EACH	3		3															
Z0018300	DRAINAGE STRUCTURE REPAIR	EACH	24		24															
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	1		1															
*4001622	DRAINAGE STRUCTURES, TYPE 1A, SPECIAL WITH ONE TYPE 20 FRAME AND GRATE	EACH	1		1															
*4001623	COMPRESSIBLE FILL MATERIAL	CU M	58							58										

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

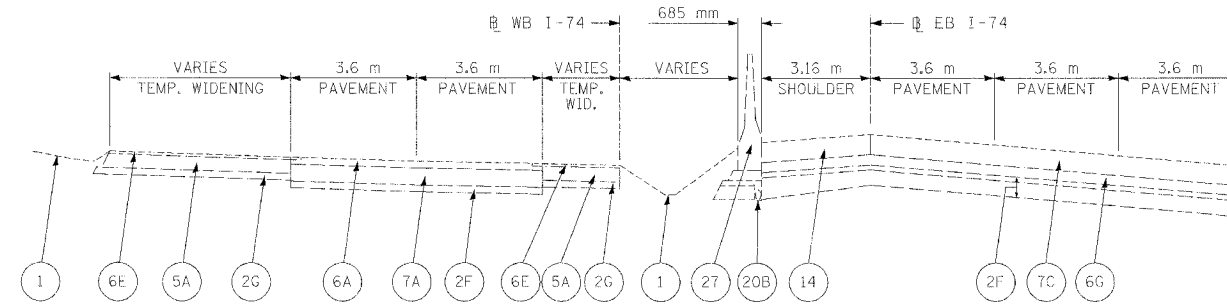
(1) RAMP A-3 OVER RAMP B-5, SN 072-0172
(2) RAMPS B-3 & B-5 OVER US 150 & RAMP B-6, SN 072-0190
(3) RAMPS B-1 & B-4 OVER RAMPS A-3, B-3 & I-74, SN 072-0183
(4) NORTH AND SOUTH CULVERT EXTENSION, SN 072-2005 (072-2005)
(5) WALL 18B, SN 072-8618 (072-2005); WALL 18C, SN 072-8619 (072-2005)
(6) WAR MEMORIAL DRIVE / STERLING / GLEN
(7) WAR MEMORIAL DRIVE / SCENIC DRIVE
(8) SCENIC DRIVE / MALL ENTRANCE



REVISIONS	
NAME	DATE

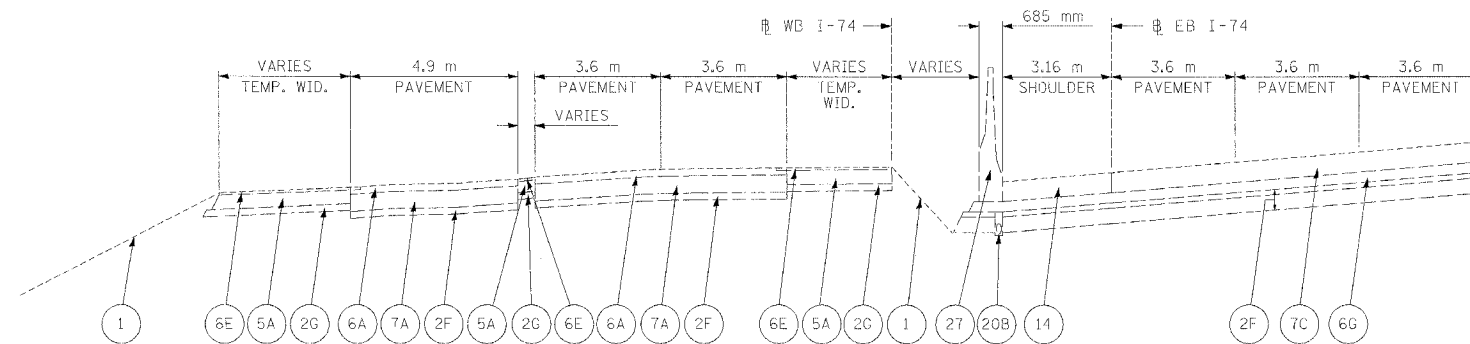
ILLINOIS DEPARTMENT OF TRANSPORTATION
TOTAL BILL OF MATERIALS
PLAN SET #2
FAI ROUTE 74 (I-74)
DRAWN BY RDY
CHECKED BY LSA
DATE 11/23/04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	387
STA. 144+718.000		TO STA. 145+765.561		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



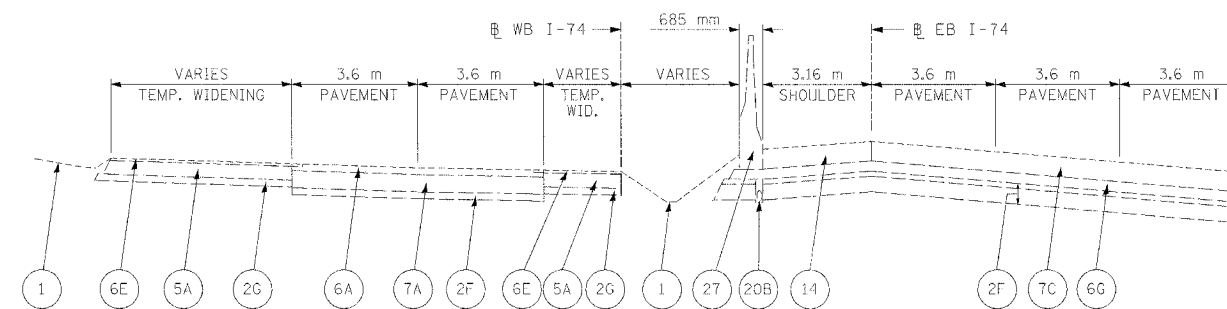
EXISTING MAINLINE TYPICAL SECTION #1

WB STA. 144+718.000 TO STA. 145+078.080



EXISTING MAINLINE TYPICAL SECTION #2

WB STA. 145+078.080 TO STA. 145+186.394



EXISTING MAINLINE TYPICAL SECTION #3

WB STA. 145+186.394 TO STA. 145+765.561

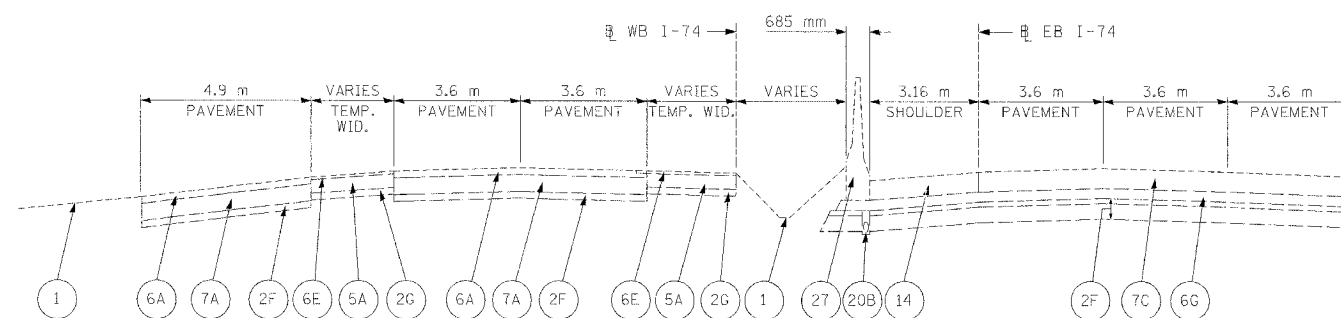
LEGEND	
1	EXISTING GROUND LINE
2F	EX SUB-BASE GRANULAR MATERIAL
2G	EX AGGREGATE BASE COURSE
5A	EX BIT. BASE COURSE 200 mm
6A	EX BITUMINOUS RESURFACING 75 mm
6E	EX BIT. CONCRETE SURFACE COURSE 38 mm
6G	EX BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
7A	EX PCC PAVEMENT 250 mm
7C	EX CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
14	EX PCC SHOULDERS
20B	EX PIPE UNDERDRAINS 150 mm
27	EX CONCRETE BARRIER

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		EXISTING TYPICAL SECTIONS FAI ROUTE 74 (I-74) WB STA. 144+718.000 TO 145+765.561



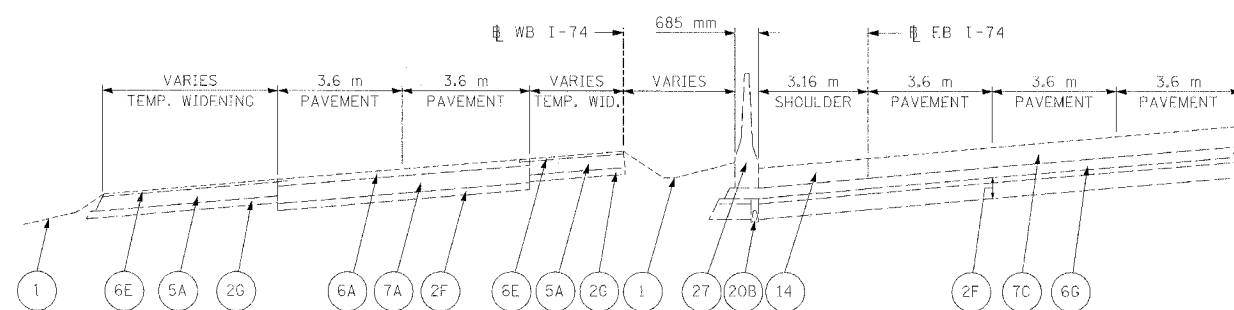
DATE 11/23/04
DRAWN BY MGM
CHECKED BY RDY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-TJR-3)	PEORIA	1360	888
STA. 145+765.561		TO STA. 146+410.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXISTING MAINLINE TYPICAL SECTION #4

WB STA. 145+765.561 TO STA. 145+830.869



EXISTING MAINLINE TYPICAL SECTION #5

WB STA. 145+830.869 TO STA. 146+410.000

LEGEND	
1	EXISTING GROUND LINE
2F	EX SUB-BASE GRANULAR MATERIAL
2G	EX AGGREGATE BASE COURSE
5A	EX BIT. BASE COURSE 200 mm
6A	EX BITUMINOUS RESURFACING 75 mm
6E	EX BIT. CONCRETE SURFACE COURSE 38 mm
6G	EX BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
7A	EX PCC PAVEMENT 250 mm
7C	EX CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
14	EX PCC SHOULDERS
20B	EX PIPE UNDERDRAINS 150 mm
27	EX CONCRETE BARRIER

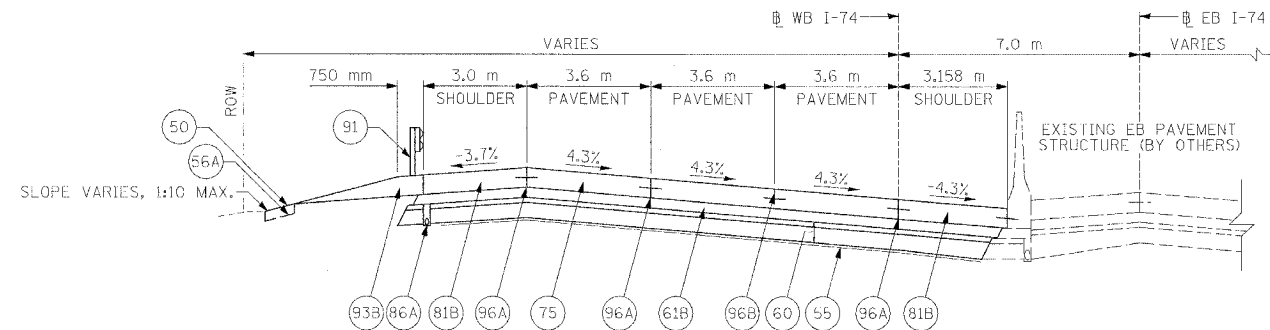
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		EXISTING TYPICAL SECTIONS FAI ROUTE 74 (I-74) WB STA. 145+765.561 TO 146+410.000



DATE 11/23/04
 DRAWN BY MCM
 CHECKED BY RDY

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	072-70R-3	PEORIA	1360	889
STA. 144+718.000		TO STA. 144+809.436		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

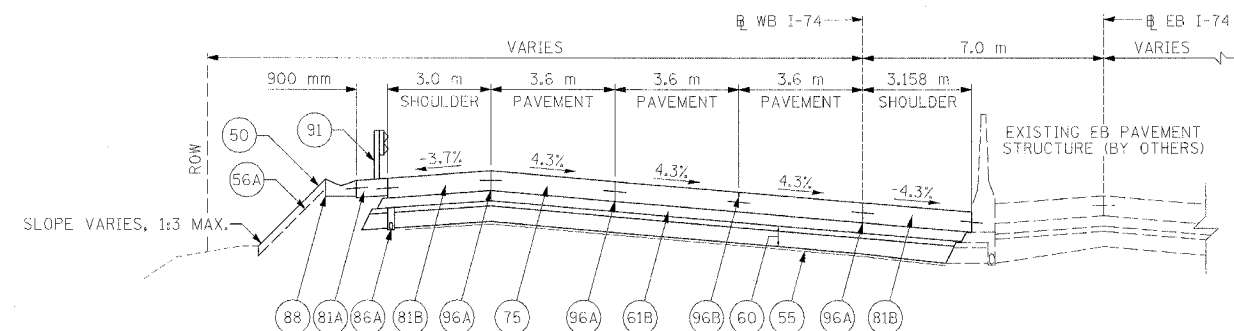


PROPOSED TYPICAL SECTION #1

WB STA. 144+718.000 TO STA. 144+744.736 (FULL SUPER)

NOTES:

1. MEDIAN PIPE UNDERDRAINS TO BE DRAINED TO MEDIAN STORM SYSTEM.
2. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGE, LIGHTING FOUNDATION, AND DRAINAGE STRUCTURE ELEMENTS.
3. SEE SUPERELEVATION TRANSITION DETAILS FOR ADDITIONAL CROSS SLOPE INFORMATION.



SLOPE WALL LIMITS

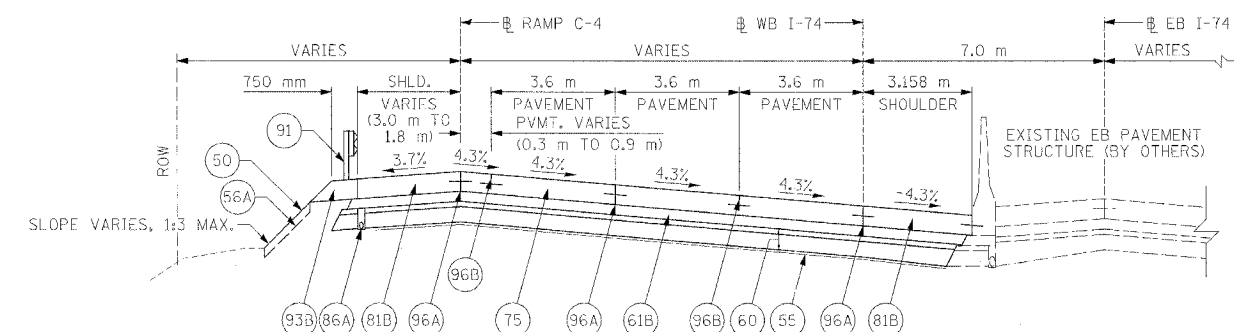
WB STA. 144+760.626 TO STA. 144+780.039

CONC. GUTTER, TY. A (MOD.) LIMITS

WB STA. 144+748.252 TO STA. 144+780.039

PROPOSED TYPICAL SECTION #2

WB STA. 144+744.736 TO STA. 144+780.039 (FULL SUPER)



SLOPE WALL LIMITS

WB STA. 144+780.039 TO STA. 144+786.513

CONC. GUTTER, TY. A (MOD.) LIMITS

WB STA. 144+780.039 TO STA. 144+792.171

PROPOSED TYPICAL SECTION #3

WB STA. 144+780.039 TO STA. 144+809.436 (FULL SUPER)

LEGEND

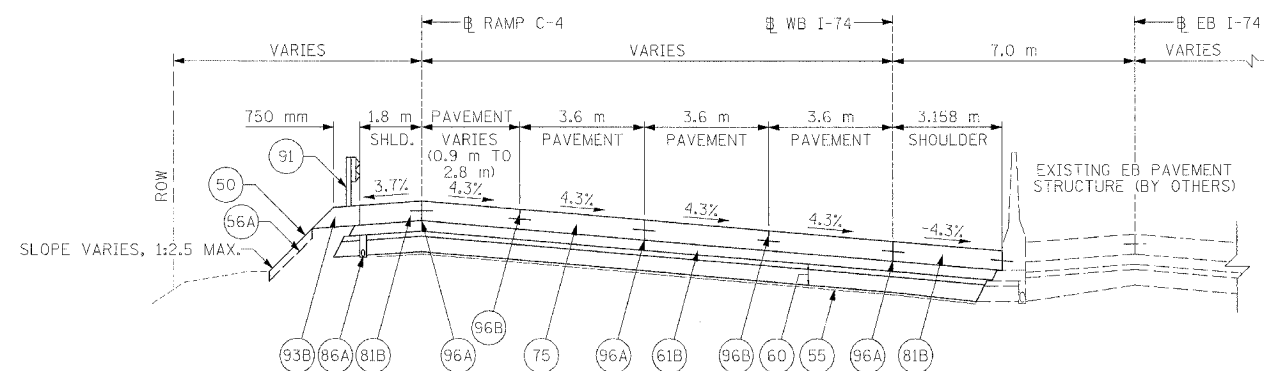
- 50 PROPOSED GROUND LINE
- 55 PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 56A PR FURNISH AND PLACE TOP SOIL 100 mm
- 60 PR AGGREGATE SUBBASE, 300 mm MIN.
- 61B PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
- 75 PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
- 81A PR PORTLAND CEMENT CONCRETE SHOULDERS 250 mm
- 81B PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
- 86A PR PIPE UNDERDRAINS 100 mm
- 88 PR CONCRETE GUTTER, TYPE A (MODIFIED)
- 91 PR STEEL PLATE BEAM GUARD RAIL
- 93B PR GUARDRAIL AGGREGATE EROSION CONTROL
- 96A PR LONGITUDINAL CONSTRUCTION JOINT
- 96B PR SAWED LONGITUDINAL JOINT

STRUCTURAL DESIGN TRAFFIC:	Year 2025
PV = 90%	SU = 5% MU = 5%
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 38.28
	MINIMUM TF = 7.54
SUBGRADE SUPPORT RATING:	POOR

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAI ROUTE 74 (I-74) WB STA. 144+718.000 TO 144+809.436 DRAWN BY CAM CHECKED BY LSA DATE 11/23/04

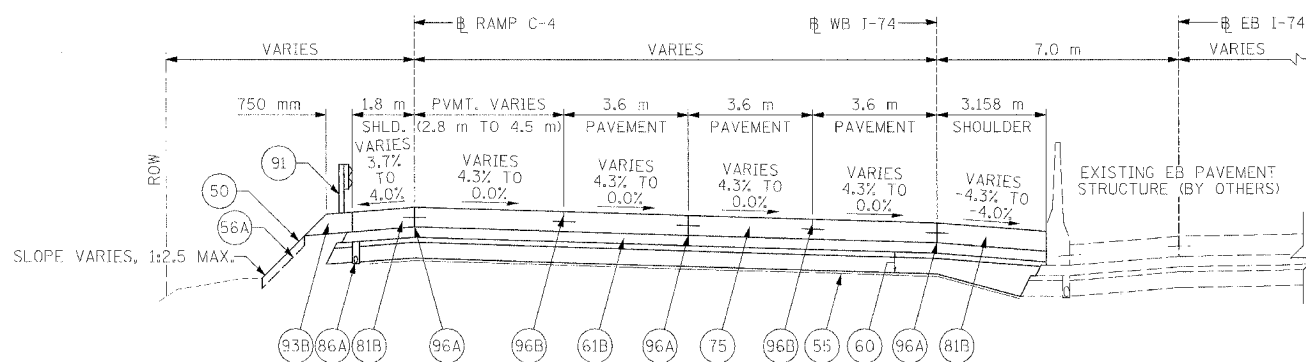


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	390
STA. 144+809.436 TO STA. 145+038.527		ILLINOIS FED. AID PROJECT		



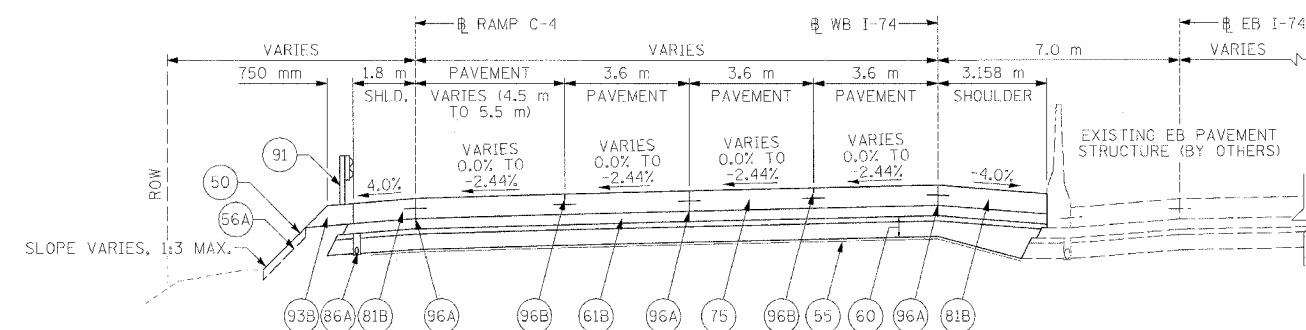
PROPOSED TYPICAL SECTION #4

WB STA. 144+809.436 TO STA. 144+903.000 (FULL SUPER)



PROPOSED TYPICAL SECTION #5

WB STA. 144+903.000 TO STA. 144+988.000 (TRANSITION OUT)



PROPOSED TYPICAL SECTION #6

WB STA. 144+988.000 TO STA. 145+038.527 (TRANSITION IN)

NOTES:

1. MEDIAN PIPE UNDERDRAINS TO BE DRAINED TO MEDIAN STORM SYSTEM.
2. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGE, LIGHTING FOUNDATION, AND DRAINAGE STRUCTURE ELEMENTS.
3. SEE SUPERELEVATION TRANSITION DETAILS FOR ADDITIONAL CROSS SLOPE INFORMATION.
4. QUANTITIES FOR AGG. SUBBASE, 300 mm MIN. WHERE SHOWN TO VARY TIEING INTO EXISTING AGG. SUBBASE ARE INCLUDED IN THE QUANTITY CALCULATIONS.

LEGEND

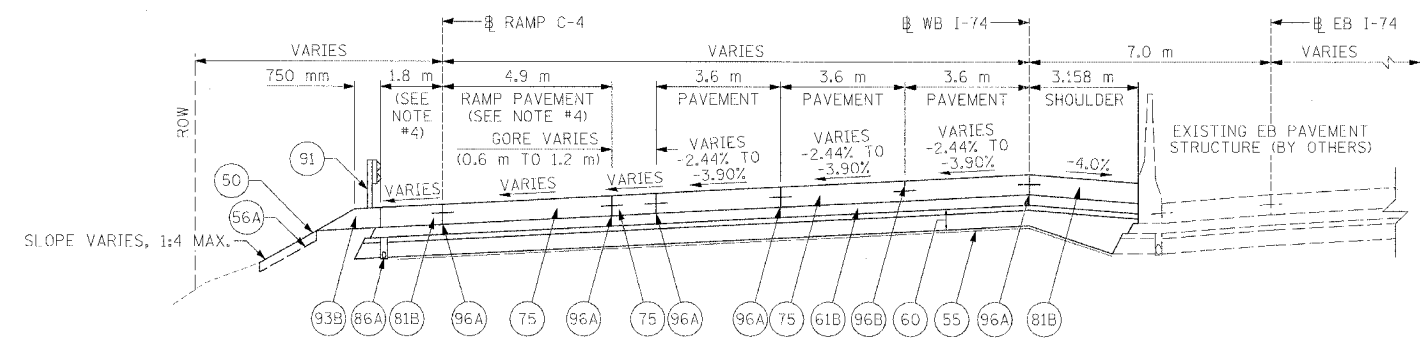
- (50) PROPOSED GROUND LINE
- (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (56A) PR FURNISH AND PLACE TOP SOIL 100 mm
- (60) PR AGGREGATE SUBBASE, 300 mm MIN.
- (61B) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
- (75) PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
- (81B) PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
- (86A) PR PIPE UNDERDRAINS 100 mm
- (91) PR STEEL PLATE BEAM GUARD RAIL
- (93B) PR GUARDRAIL AGGREGATE EROSION CONTROL
- (96A) PR LONGITUDINAL CONSTRUCTION JOINT
- (96B) PR SAWED LONGITUDINAL JOINT

STRUCTURAL DESIGN TRAFFIC:	Year 2025
PV = 90%	SU = 5% MU = 5%
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR: ACTUAL TF = 38.28	MINIMUM TF = 7.54
SUBGRADE SUPPORT RATING:	POOR

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAI ROUTE 74 (I-74) WB STA. 144+809.436 TO 145+038.527
CLARK ENGINEERS, INC.		DRAWN BY CAM
DATE 11/23/04		CHECKED BY LSA

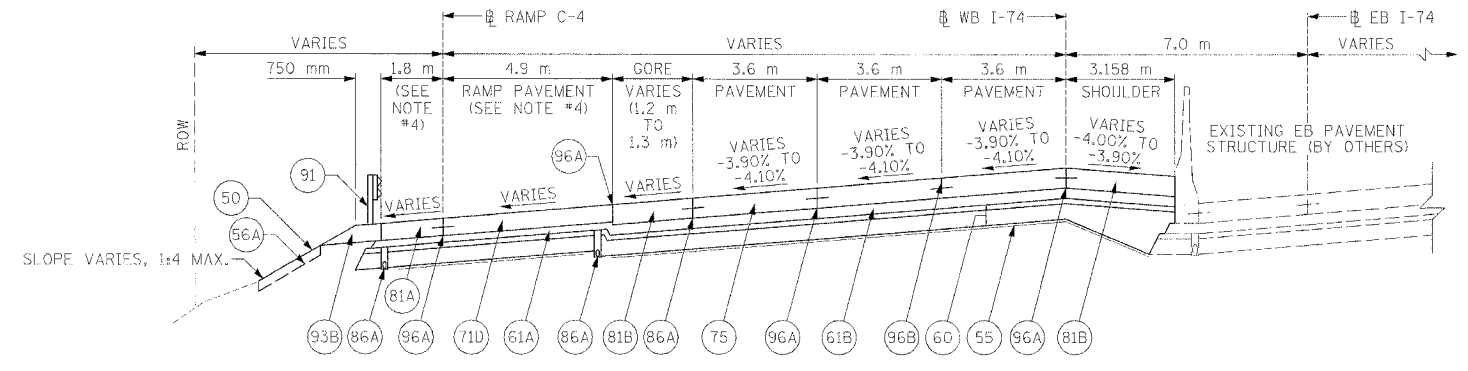


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-DR-3	PEORIA	1360	891
STA. 145+038.527		TO STA. 145+147.596		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



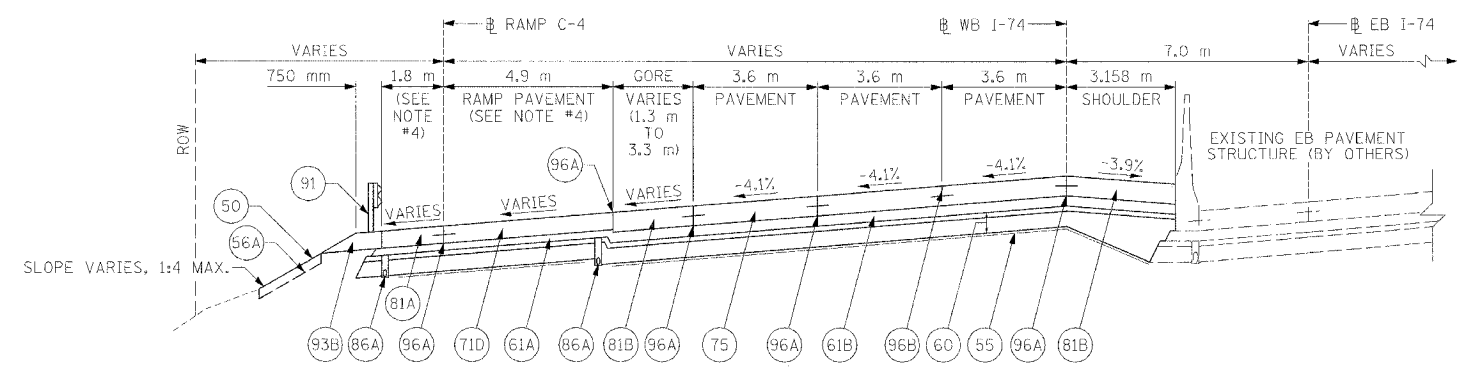
PROPOSED TYPICAL SECTION #7

WB STA. 145+038.527 TO STA. 145+068.789 (TRANSITION IN)



PROPOSED TYPICAL SECTION #8

WB STA. 145+068.789 TO STA. 145+073.000 (TRANSITION IN)



PROPOSED TYPICAL SECTION #9

WB STA. 145+073.000 TO STA. 145+147.596 (FULL SUPER)

- NOTES:**
1. MEDIAN PIPE UNDERDRAINS TO BE DRAINED TO MEDIAN STORM SYSTEM.
 2. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGE, LIGHTING FOUNDATION, AND DRAINAGE STRUCTURE ELEMENTS.
 3. SEE SUPERELEVATION TRANSITION DETAILS FOR ADDITIONAL CROSS SLOPE INFORMATION.
 4. SEE RAMP C-4 TYPICAL SECTIONS FOR GORE, RAMP PAVEMENT, SHOULDER DIMENSIONS, AND CROSS SLOPES.
 5. QUANTITIES FOR AGG. SUBBASE, 300 mm MIN. WHERE SHOWN TO VARY TIEING INTO EXISTING AGG. SUBBASE ARE INCLUDED IN THE QUANTITY CALCULATIONS.

- LEGEND**
- (50) PROPOSED GROUND LINE
 - (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - (56A) PR FURNISH AND PLACE TOP SOIL 100 mm
 - (60) PR AGGREGATE SUBBASE, 300 mm MIN.
 - (61A) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 100 mm
 - (61B) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
 - (71D) PR PORTLAND CEMENT CONCRETE PAVEMENT 250 mm (JOINTED)
 - (75) PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
 - (81A) PR PORTLAND CEMENT CONCRETE SHOULDERS 250 mm
 - (81B) PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
 - (86A) PR PIPE UNDERDRAINS 100 mm
 - (91) PR STEEL PLATE BEAM GUARD RAIL
 - (93B) PR GUARDRAIL AGGREGATE EROSION CONTROL
 - (96A) PR LONGITUDINAL CONSTRUCTION JOINT
 - (96B) PR SAWED LONGITUDINAL JOINT

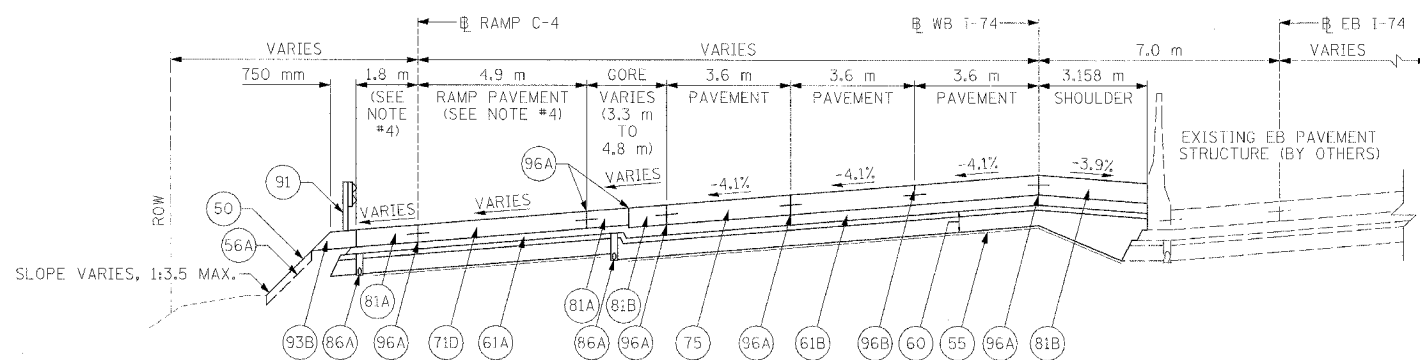
STRUCTURAL DESIGN TRAFFIC:	Year 2025
PV = 90%	SU = 5% MU = 5%
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR: ACTUAL TF = 38.28	
	MINIMUM TF = 7.54
SUBGRADE SUPPORT RATING:	POOR

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>TYPICAL SECTIONS FAI ROUTE 74 (I-74) WB STA. 145+038.527 TO 145+147.596</p> <p>DRAWN BY CAM CHECKED BY LSA</p> <p>DATE 11/23/04</p>



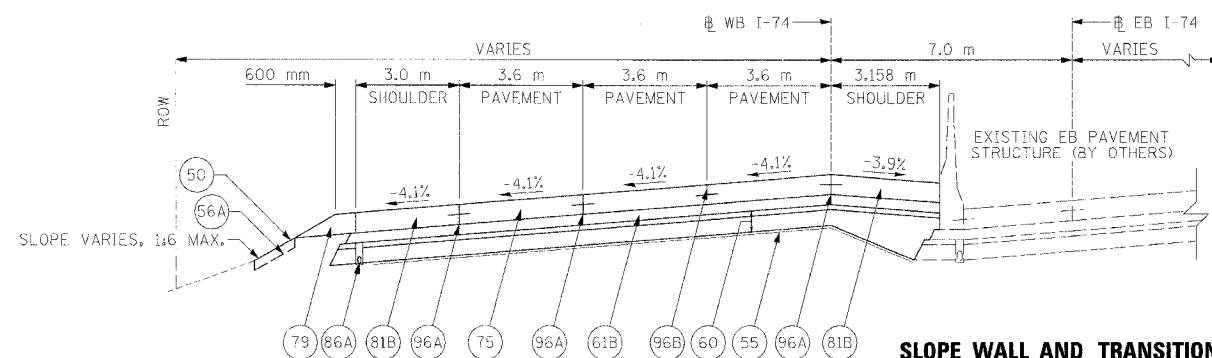
11-23-04 10:00 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(12-70R-3	PEORIA	1360	892
STA. 145+147.596		TO STA. 145+487.000		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



PROPOSED TYPICAL SECTION #10

WB STA. 145+147.596 TO STA. 145+162.005 (FULL SUPER)

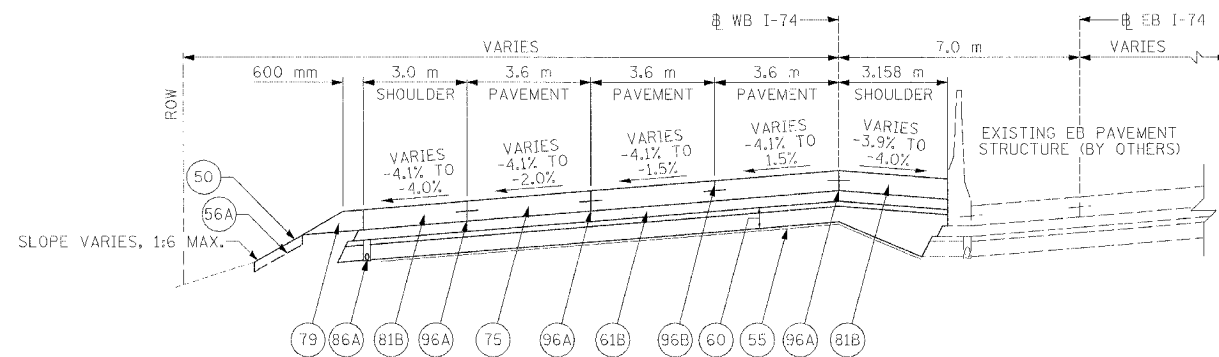


SLOPE WALL AND TRANSITION LIMITS

WB STA. 145+320.145 TO STA. 145+373.193

PROPOSED TYPICAL SECTION #11

WB STA. 145+162.005 TO STA. 145+385.000 (FULL SUPER)



PROPOSED TYPICAL SECTION #12

WB STA. 145+385.000 TO STA. 145+487.000 (TRANSITION OUT)

NOTES:

1. MEDIAN PIPE UNDERDRAINS TO BE DRAINED TO MEDIAN STORM SYSTEM.
2. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGE, LIGHTING FOUNDATION, AND DRAINAGE STRUCTURE ELEMENTS.
3. SEE SUPERELEVATION TRANSITION DETAILS FOR ADDITIONAL CROSS SLOPE INFORMATION.
4. SEE RAMP C-4 TYPICAL SECTIONS FOR GORE, RAMP PAVEMENT, SHOULDER DIMENSIONS, AND CROSS SLOPES.
5. QUANTITIES FOR AGG. SUBBASE, 300 mm MIN. WHERE SHOWN TO VARY TIEING INTO EXISTING AGG. SUBBASE ARE INCLUDED IN THE QUANTITY CALCULATIONS.

LEGEND

- (50) PROPOSED GROUND LINE
- (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (56A) PR FURNISH AND PLACE TOP SOIL 100 mm
- (60) PR AGGREGATE SUBBASE, 300 mm MIN.
- (61A) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 100 mm
- (61B) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
- (71D) PR PORTLAND CEMENT CONCRETE PAVEMENT 250 mm (JOINTED)
- (75) PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
- (79) PR AGGREGATE SHOULDERS, TYPE B
- (81A) PR PORTLAND CEMENT CONCRETE SHOULDERS 250 mm
- (81B) PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
- (86A) PR PIPE UNDERDRAINS 100 mm
- (91) PR STEEL PLATE BEAM GUARD RAIL
- (93B) PR GUARDRAIL AGGREGATE EROSION CONTROL
- (96A) PR LONGITUDINAL CONSTRUCTION JOINT
- (96B) PR SAWED LONGITUDINAL JOINT

STRUCTURAL DESIGN TRAFFIC:	Year 2025
PV = 90%	SU = 5% MU = 5%
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR: ACTUAL TF = 38.28	
	MINIMUM TF = 7.54
SUBGRADE SUPPORT RATING:	POOR

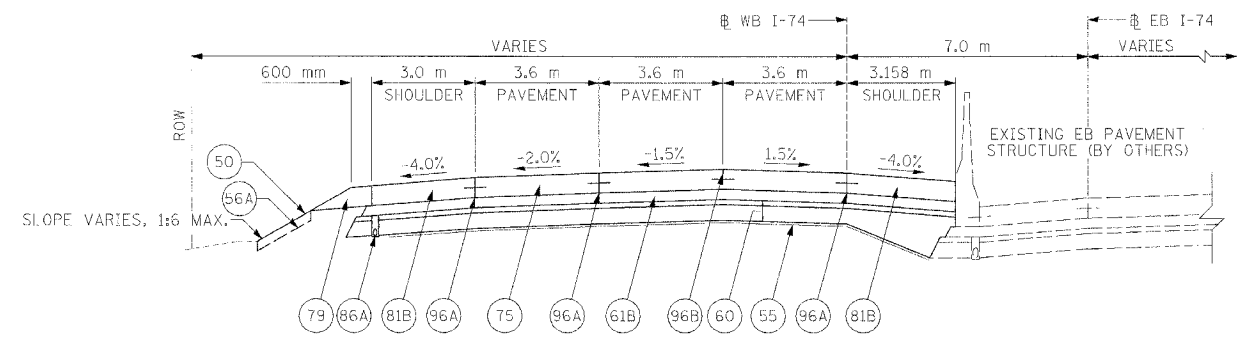
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAI ROUTE 74 (I-74) WB STA. 145+147.596 TO 145+487.000 DRAWN BY CAM CHECKED BY LSA DATE 11/23/04



CLARK ENGINEERS, INC.

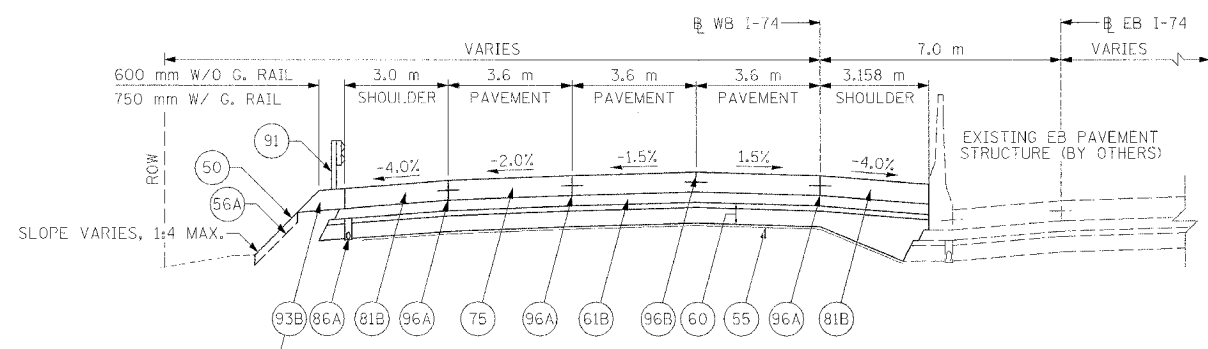
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	873
STA. 145+487.000		TO STA. 145+940.005		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



PROPOSED TYPICAL SECTION #13

WB STA. 145+487.000 TO STA. 145+656.329 (NORMAL CROWN)

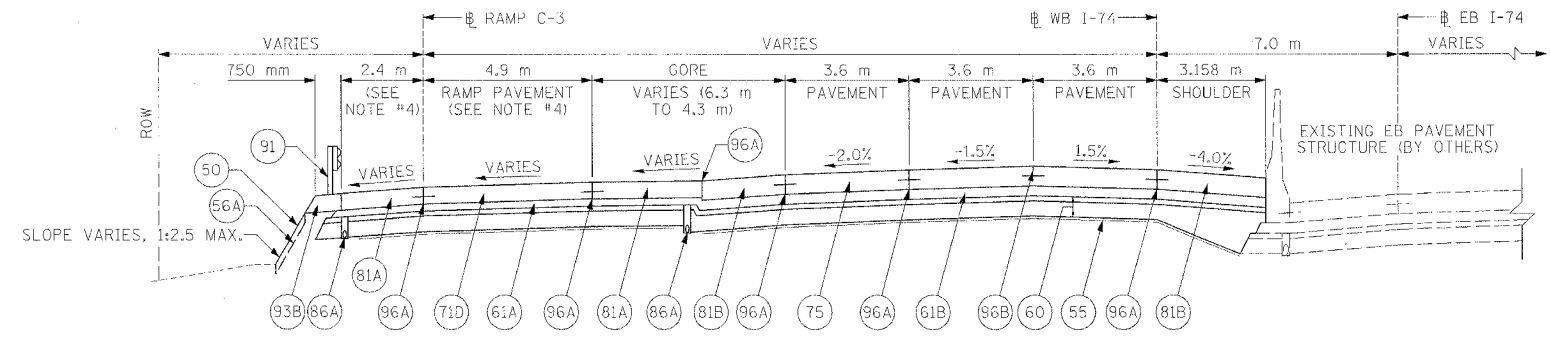


PROPOSED TYPICAL SECTION #14

WB STA. 145+656.329 TO STA. 145+902.775 (NORMAL CROWN)

GUARDRAIL LIMITS

WB STA. 145+656.329 TO STA. 145+778.750



PROPOSED TYPICAL SECTION #15

NOTE:
STR. NO. 072-8619,
WALL NO. 18C,
WB STA. 145+902.775
TO STA. 145+913.203

WB STA. 145+902.775 TO STA. 145+940.005 (NORMAL CROWN)

- NOTES:**
1. MEDIAN PIPE UNDERDRAINS TO BE DRAINED TO MEDIAN STORM SYSTEM.
 2. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGE, LIGHTING FOUNDATION, AND DRAINAGE STRUCTURE ELEMENTS.
 3. SEE SUPERELEVATION TRANSITION DETAILS FOR ADDITIONAL CROSS SLOPE INFORMATION.
 4. SEE RAMP C-3 TYPICAL SECTIONS FOR GORE, RAMP PAVEMENT, SHOULDER DIMENSIONS, AND CROSS SLOPES.
 5. QUANTITIES FOR AGG. SUBBASE, 300 mm MIN. WHERE SHOWN TO VARY TIEING INTO EXISTING AGG. SUBBASE ARE INCLUDED IN THE QUANTITY CALCULATIONS.

LEGEND

- (50) PROPOSED GROUND LINE
- (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (56A) PR FURNISH AND PLACE TOP SOIL 100 mm
- (60) PR AGGREGATE SUBBASE, 300 mm MIN.
- (61A) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 100 mm
- (61B) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
- (71D) PR PORTLAND CEMENT CONCRETE PAVEMENT 250 mm (JOINTED)
- (75) PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
- (79) PR AGGREGATE SHOULDERS, TYPE B
- (81A) PR PORTLAND CEMENT CONCRETE SHOULDERS 250 mm
- (81B) PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
- (86A) PR PIPE UNDERDRAINS 100 mm
- (91) PR STEEL PLATE BEAM GUARD RAIL
- (93B) PR GUARDRAIL AGGREGATE EROSION CONTROL
- (96A) PR LONGITUDINAL CONSTRUCTION JOINT
- (96B) PR SAWED LONGITUDINAL JOINT

STRUCTURAL DESIGN TRAFFIC: Year 2025
PV = 90% SU = 5% MU = 5%

ROAD/STREET CLASSIFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 32% S = 45% M = 45%

TRAFFIC FACTOR: ACTUAL TF = 38.28
MINIMUM TF = 7.54

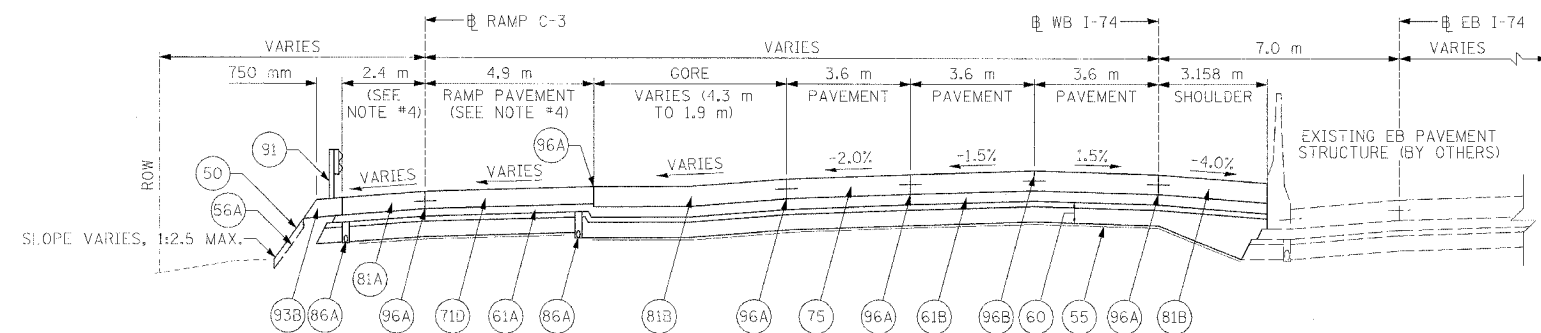
SUBGRADE SUPPORT RATING: PG0R

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>TYPICAL SECTIONS FAI ROUTE 74 (1-74) WB STA. 145+487.000 TO 145+940.005</p> <p>DATE 11/23/04</p> <p>DRAWN BY CAM CHECKED BY LSA</p>



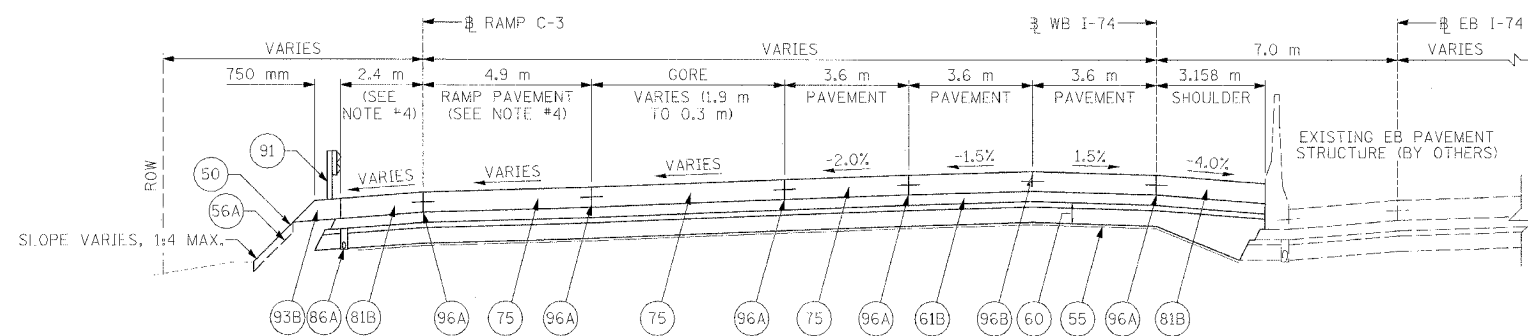
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	136	894
STA. 145+940.005		TO STA. 146+023.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



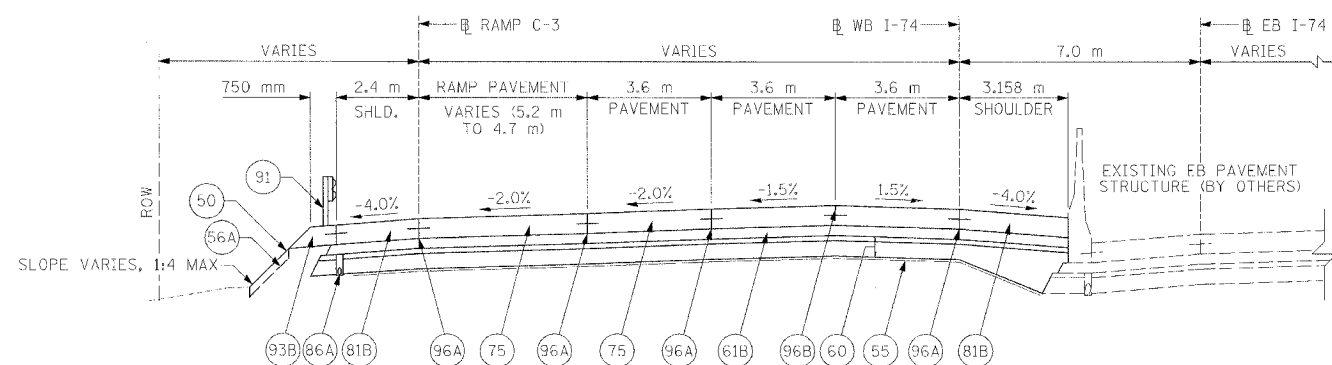
PROPOSED TYPICAL SECTION #16

WB STA. 145+940.005 TO STA. 145+982.776 (NORMAL CROWN)



PROPOSED TYPICAL SECTION #17

WB STA. 145+982.776 TO STA. 146+012.776 (NORMAL CROWN)



PROPOSED TYPICAL SECTION #18

WB STA. 146+012.776 TO STA. 146+023.000 (NORMAL CROWN)

NOTES:

1. MEDIAN PIPE UNDERDRAINS TO BE DRAINED TO MEDIAN STORM SYSTEM.
2. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGE, LIGHTING FOUNDATION, AND DRAINAGE STRUCTURE ELEMENTS.
3. SEE SUPERELEVATION TRANSITION DETAILS FOR ADDITIONAL CROSS SLOPE INFORMATION.
4. SEE RAMP C-3 TYPICAL SECTIONS FOR GORE, RAMP PAVEMENT, SHOULDER DIMENSIONS, AND CROSS SLOPES.
5. QUANTITIES FOR AGG. SUBBASE, 300 mm MIN. WHERE SHOWN TO VARY TIEING INTO EXISTING AGG. SUBBASE ARE INCLUDED IN THE QUANTITY CALCULATIONS.

LEGEND

- (50) PROPOSED GROUND LINE
- (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (56A) PR FURNISH AND PLACE TOP SOIL 100 mm
- (60) PR AGGREGATE SUBBASE, 300 mm MIN.
- (61A) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 100 mm
- (61B) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
- (71D) PR PORTLAND CEMENT CONCRETE PAVEMENT 250 mm (JOINTED)
- (75) PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
- (81A) PR PORTLAND CEMENT CONCRETE SHOULDERS 250 mm
- (81B) PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
- (86A) PR PIPE UNDERDRAINS 100 mm
- (91) PR STEEL PLATE BEAM GUARD RAIL
- (93B) PR GUARDRAIL AGGREGATE EROSION CONTROL
- (96A) PR LONGITUDINAL CONSTRUCTION JOINT
- (96B) PR SAWED LONGITUDINAL JOINT

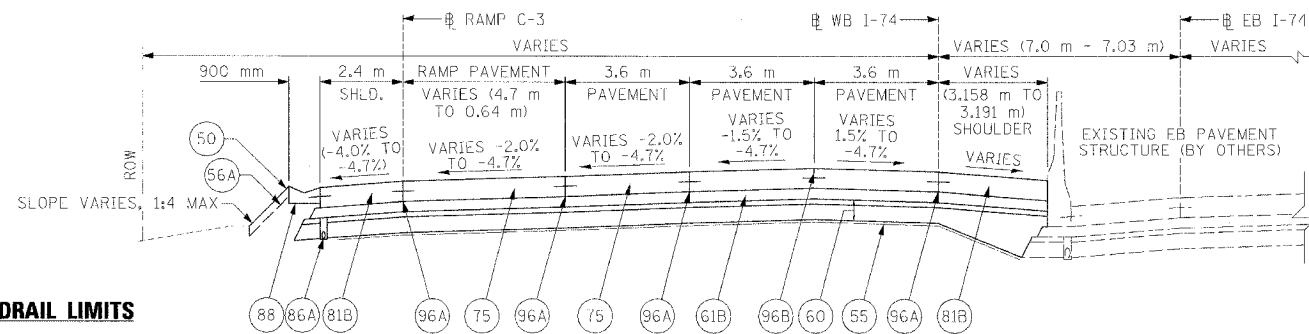
STRUCTURAL DESIGN TRAFFIC:	Year 2025
PV = 90%	SU = 5% MU = 5%
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 38.28
	MINIMUM TF = 7.54
SUBGRADE SUPPORT RATING:	POOR

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAI ROUTE 74 (I-74) WB STA. 145+940.005 TO 146+023.000 DRAWN BY CAM CHECKED BY LSA DATE 11/23/04



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	875
STA. 146+023.000		TO STA. 146+117.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



GUARDRAIL LIMITS

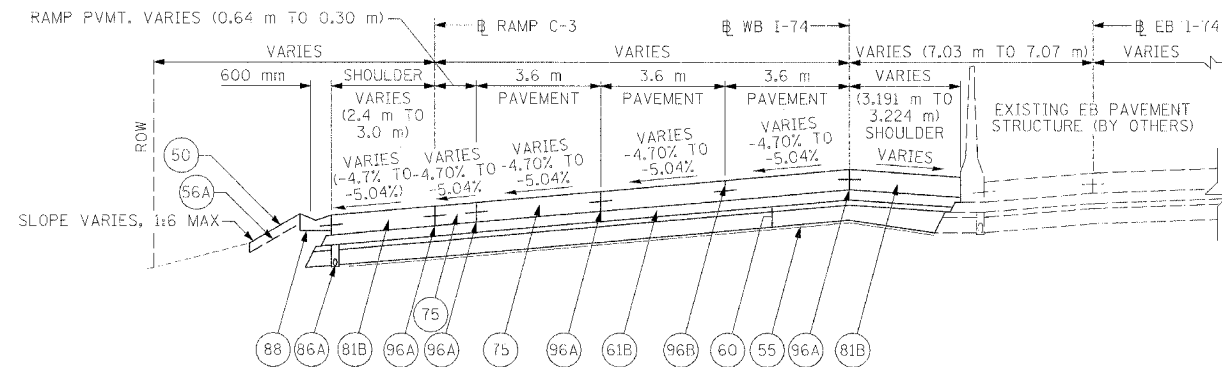
WB STA. 146+023.000 TO STA. 146+041.729 =
RAMP C-3 STA. 10+061.272 TO STA. 10+080.013

CONC. GUTTER, TY. A (MOD.) LIMITS

WB STA. 146+050.000 TO STA. 146+096.658

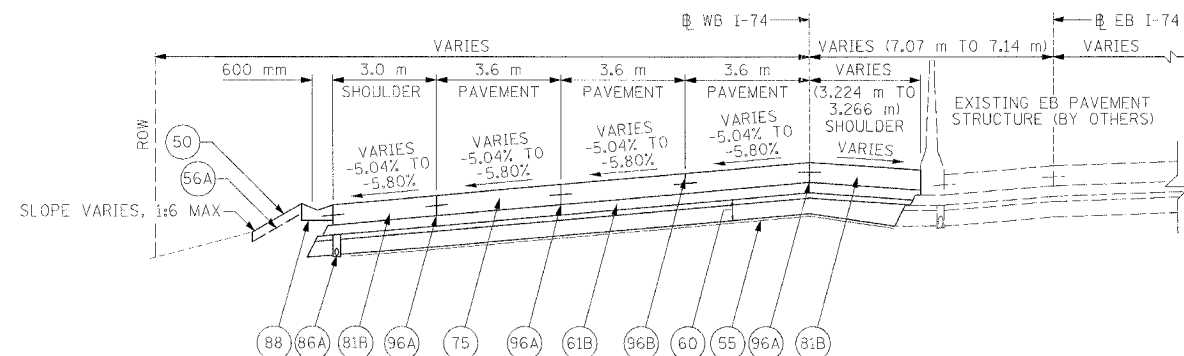
PROPOSED TYPICAL SECTION #19

WB STA. 146+023.000 TO STA. 146+096.658 (TRANSITION IN, RT. SHLD. VARIES -4.0% TO -3.3%)



PROPOSED TYPICAL SECTION #20

WB STA. 146+096.658 TO STA. 146+103.000 (TRANSITION IN, RT. SHLD. VARIES -3.30% TO -2.96%)



PROPOSED TYPICAL SECTION #21

WB STA. 146+103.000 TO STA. 146+117.000 (TRANSITION IN, RT. SHLD. VARIES -2.96% TO -2.20%)

NOTES:

1. MEDIAN PIPE UNDERDRAINS TO BE DRAINED TO MEDIAN STORM SYSTEM.
2. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGE, LIGHTING FOUNDATION, AND DRAINAGE STRUCTURE ELEMENTS.
3. SEE SUPERELEVATION TRANSITION DETAILS FOR ADDITIONAL CROSS SLOPE INFORMATION.
4. QUANTITIES FOR AGG. SUBBASE, 300 mm MIN. WHERE SHOWN TO VARY TIEING INTO EXISTING AGG. SUBBASE ARE INCLUDED IN THE QUANTITY CALCULATIONS.

LEGEND

- (50) PROPOSED GROUND LINE
- (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (56A) PR FURNISH AND PLACE TOP SOIL 100 mm
- (60) PR AGGREGATE SUBBASE, 300 mm MIN.
- (61B) PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
- (75) PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
- (81B) PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
- (86A) PR PIPE UNDERDRAINS 100 mm
- (88) PR CONCRETE GUTTER, TYPE A (MODIFIED)
- (96A) PR LONGITUDINAL CONSTRUCTION JOINT
- (96B) PR SAWED LONGITUDINAL JOINT

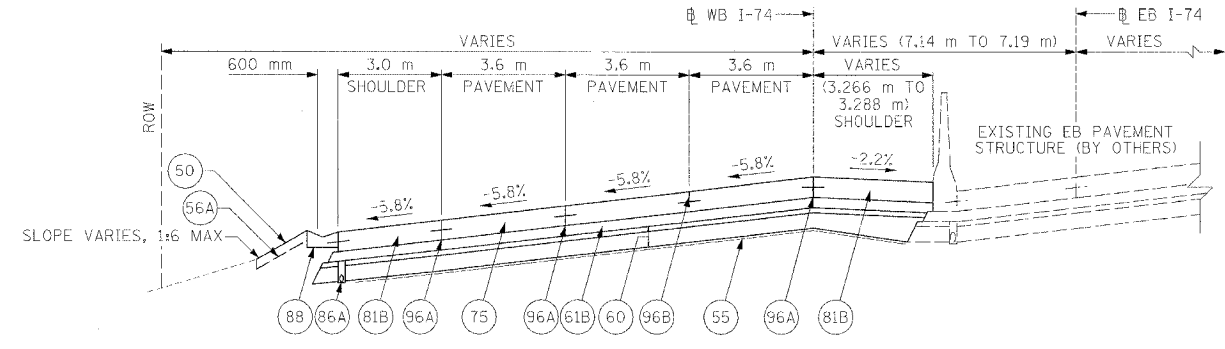
STRUCTURAL DESIGN TRAFFIC:	Year 2025
PV = 90%	SU = 5% MU = 5%
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = 32% S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 38.28 MINIMUM TF = 7.54
SUBGRADE SUPPORT RATING:	POOR

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS FAI ROUTE 74 (I-74) WB STA. 146+023.000 TO 146+117.000 DRAWN BY CAM CHECKED BY LSA DATE 11/23/04



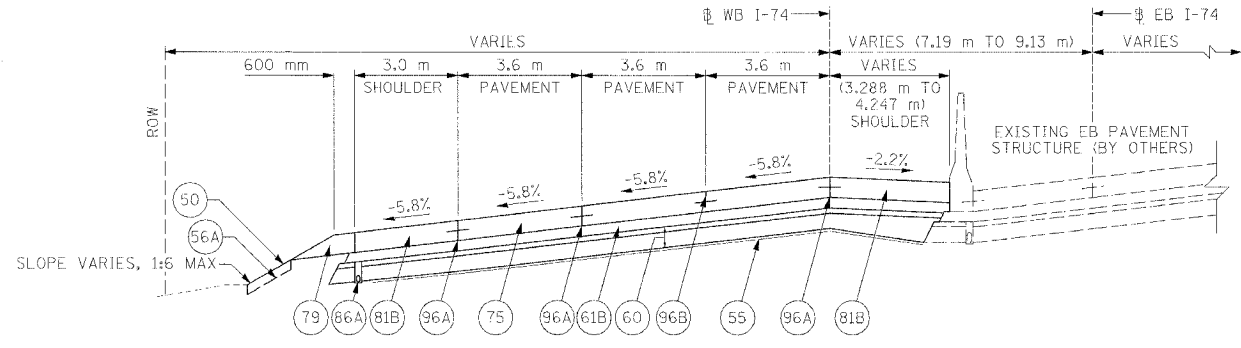
CLARK ENGINEERS, INC.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	396
STA. 146+117.000		TO STA. 146+410.000		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



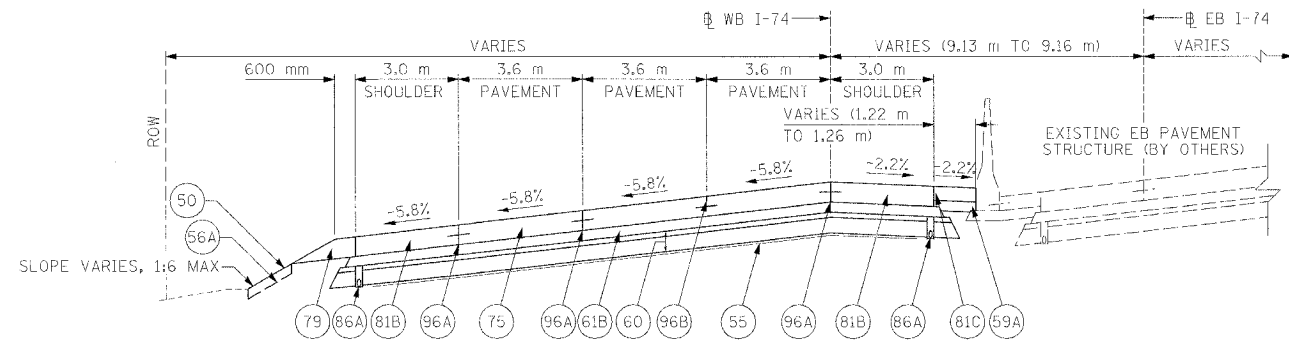
PROPOSED TYPICAL SECTION #22

WB STA. 146+117.000 TO STA. 146+125.000 (FULL SUPER)



PROPOSED TYPICAL SECTION #23

WB STA. 146+125.000 TO STA. 146+406.380 (FULL SUPER)



PROPOSED TYPICAL SECTION #24

WB STA. 146+406.380 TO STA. 146+410.000 (FULL SUPER)

- NOTES:**
1. MEDIAN PIPE UNDERDRAINS TO BE DRAINED TO MEDIAN STORM SYSTEM.
 2. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGE, LIGHTING FOUNDATION, AND DRAINAGE STRUCTURE ELEMENTS.
 3. SEE SUPERELEVATION TRANSITION DETAILS FOR ADDITIONAL CROSS SLOPE INFORMATION.
 4. QUANTITIES FOR AGG. SUBBASE, 300 mm MIN. WHERE SHOWN TO VARY TIEING INTO EXISTING AGG. SUBBASE ARE INCLUDED IN THE QUANTITY CALCULATIONS.

LEGEND

(50)	PROPOSED GROUND LINE
(55)	PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
(56A)	PR FURNISH AND PLACE TOP SOIL 100 mm
(59A)	PR SUB-BASE GRANULAR MATERIAL, TYPE A 150 mm
(60)	PR AGGREGATE SUBBASE, 300 mm MIN.
(61B)	PR BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL), 150 mm
(75)	PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 mm
(79)	PR AGGREGATE SHOULDERS, TYPE B
(81B)	PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
(81C)	PR PORTLAND CEMENT CONCRETE SHOULDERS 200 mm
(86A)	PR PIPE UNDERDRAINS 100 mm
(88)	PR CONCRETE GUTTER, TYPE A (MODIFIED)
(96A)	PR LONGITUDINAL CONSTRUCTION JOINT
(96B)	PR SAWED LONGITUDINAL JOINT

STRUCTURAL DESIGN TRAFFIC: Year 2025

PV = 90% SU = 5% MU = 5%

ROAD/STREET CLASSIFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:

P = 32% S = 45% M = 45%

TRAFFIC FACTOR: ACTUAL TF = 38.28
MINIMUM TF = 7.54

SUBGRADE SUPPORT RATING: POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

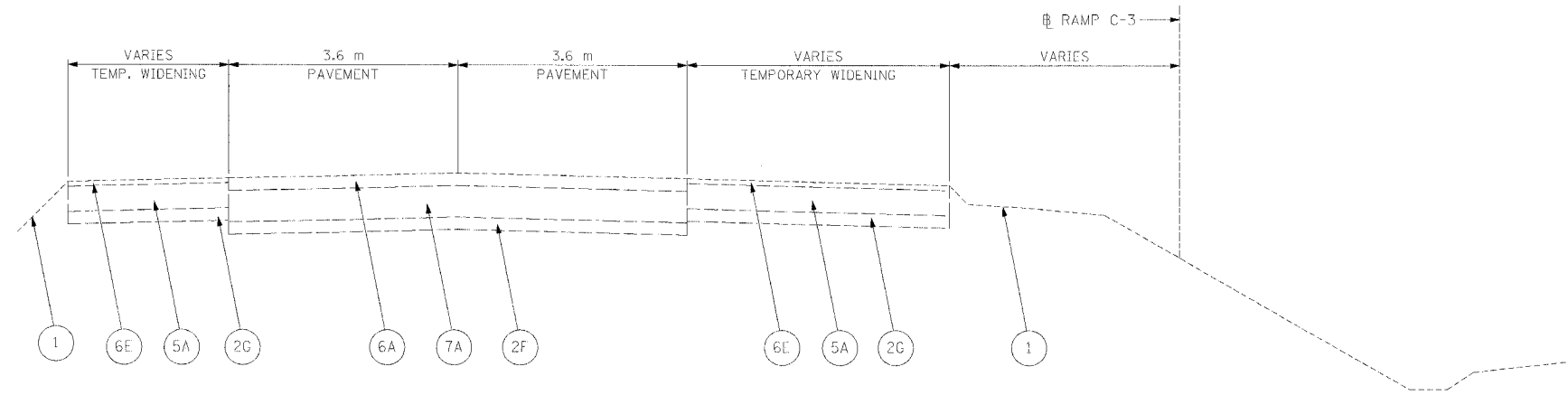
TYPICAL SECTIONS
FAI ROUTE 74 (I-74)
WB STA. 146+117.000 TO 146+410.000

DATE 11/23/04 DRAWN BY CAM
CHECKED BY LSA



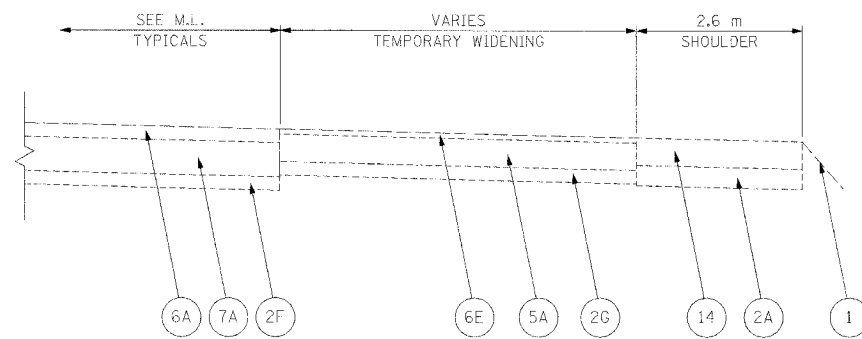
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-7R-3	PEORIA	1360	377
STA. 10+199.953		TO STA. 10+327.293		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



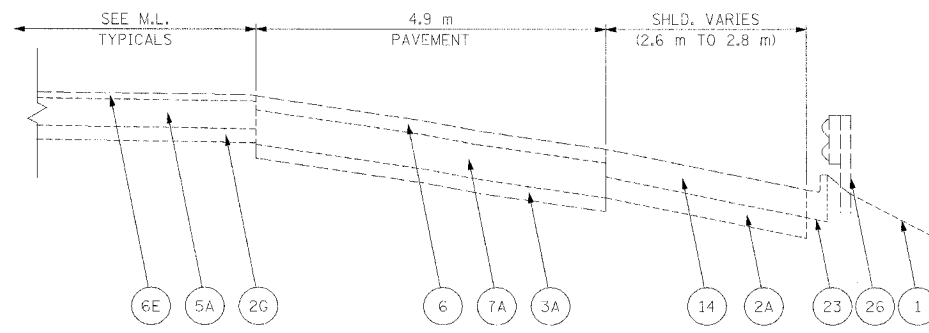
EXISTING RAMP TYPICAL SECTION C3-1

RAMP C-3 STA. 10+199.953 TO 10+271.078



EXISTING RAMP TYPICAL SECTION C3-2

RAMP C-3 STA. 10+271.078 TO 10+282.136



EXISTING RAMP TYPICAL SECTION C3-3

RAMP C-3 STA. 10+282.136 TO 10+327.293

GUARDRAIL LIMITS

RAMP C-3 RT. STA. 10+292.555 TO 10+327.293

LEGEND

- 1 EXISTING GROUND LINE
- 2A EX SUB-BASE GRANULAR MATERIAL 150 mm
- 2F EX SUB-BASE GRANULAR MATERIAL
- 2G EX AGGREGATE BASE COURSE
- 3A EX STABILIZED SUB-BASE 100 mm
- 5A EX BIT. BASE COURSE 200 mm
- 6 EX BITUMINOUS RESURFACING
- 6A EX BITUMINOUS RESURFACING 75 mm
- 6E EX BIT. CONCRETE SURFACE COURSE 38 mm
- 7A EX PCC PAVEMENT 250 mm
- 14 EX PCC SHOULDERS
- 23 EX COMB. CONCRETE CURB AND GUTTER
- 26 EX GUARDRAIL

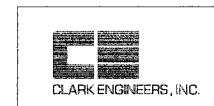
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

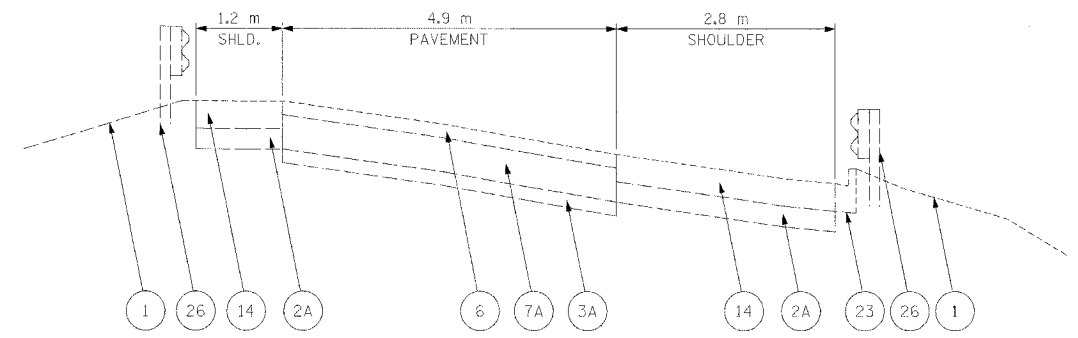
TYPICAL SECTIONS
EXISTING RAMP C-3
STA. 10+199.953 TO 10+327.293

DRAWN BY CAM
CHECKED BY RDY

DATE 11/23/04



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-7DR-3	PEORIA	136	878
STA. 10+327.293		TO STA. 10+472.230		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



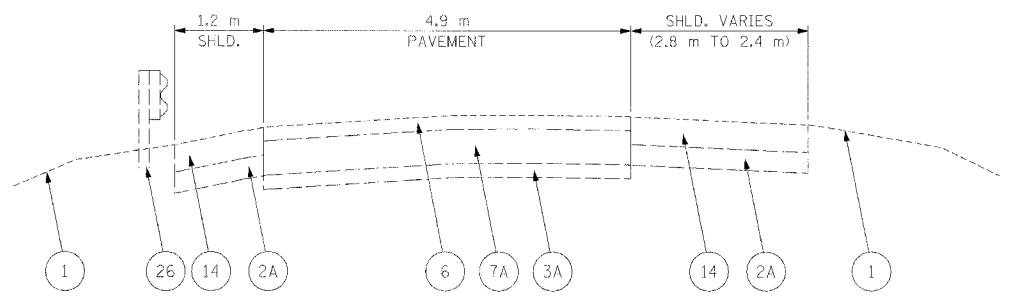
GUARDRAIL LIMITS
RAMP C-3 LT. STA. 10+353.795 TO 10+371.890

EXISTING RAMP TYPICAL SECTION C3-4
RAMP C-3 STA. 10+327.293 TO 10+371.890

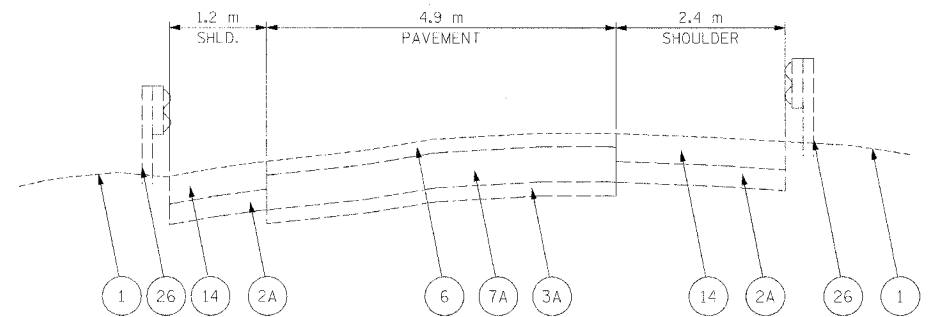
GUARDRAIL LIMITS
RAMP C-3 RT. STA. 10+327.293 TO 10+349.540

LEGEND

- 1 EXISTING GROUND LINE
- 2A EX SUB-BASE GRANULAR MATERIAL 150 mm
- 3A EX STABILIZED SUB-BASE 100 mm
- 6 EX BITUMINOUS RESURFACING
- 7A EX PCC PAVEMENT 250 mm
- 14 EX PCC SHOULDERS
- 23 EX COMB. CONCRETE CURB AND GUTTER
- 26 EX GUARDRAIL

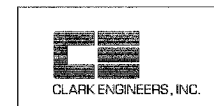


EXISTING RAMP TYPICAL SECTION C3-5
RAMP C-3 STA. 10+371.890 TO 10+438.840



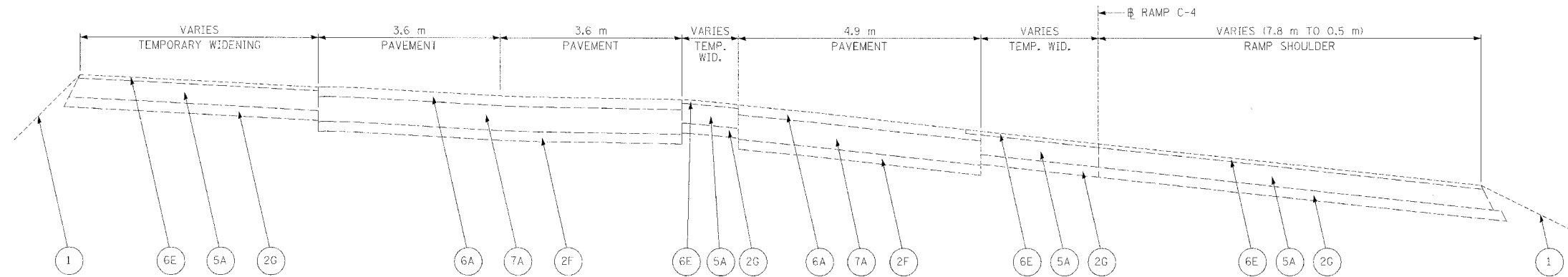
EXISTING RAMP TYPICAL SECTION C3-6
RAMP C-3 STA. 10+438.840 TO 10+472.230

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTIONS EXISTING RAMP C-3 STA. 10+327.293 TO 10+472.230
DATE 11/23/04		DRAWN BY CAM CHECKED BY RDY



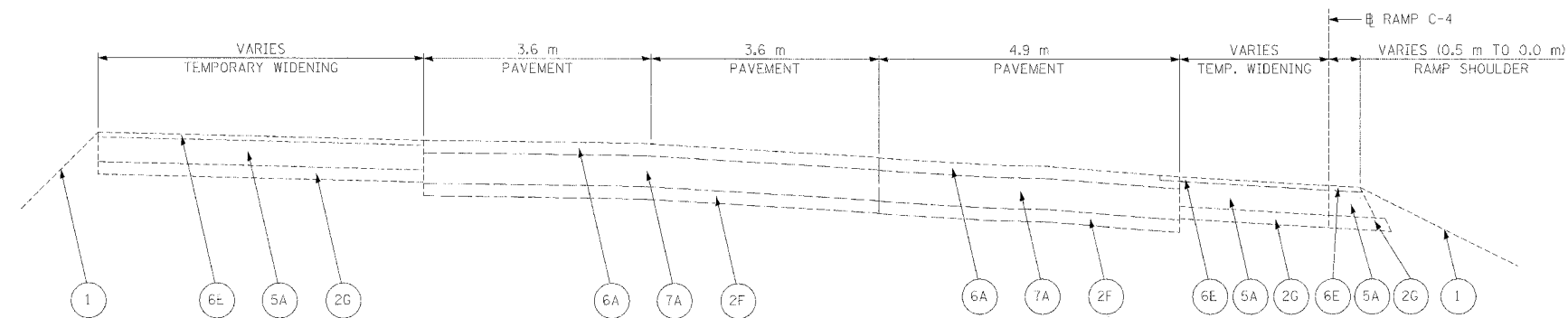
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1360	900
STA. 10+275.000		TO STA. 10+418.506		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



EXISTING RAMP TYPICAL SECTION C4-1

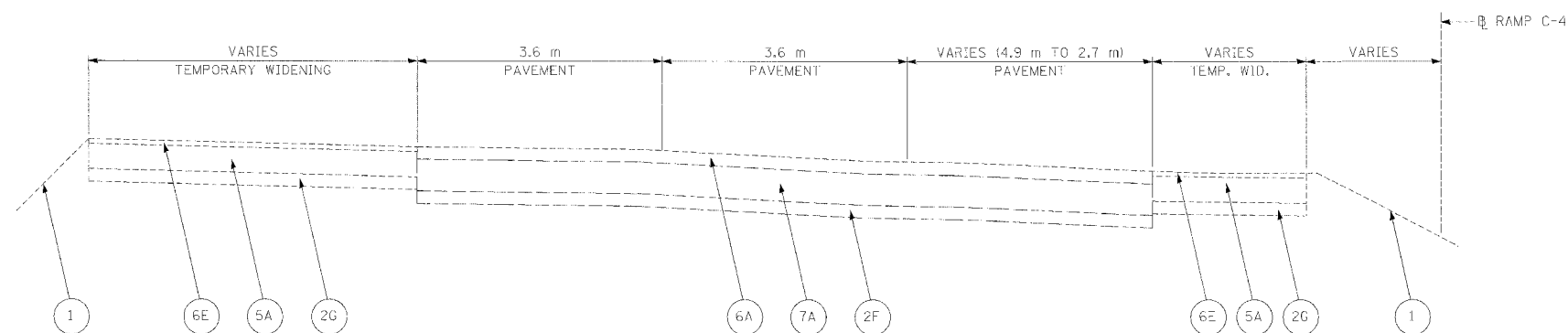
RAMP C-4 STA. 10+275.000 TO 10+379.488



EXISTING RAMP TYPICAL SECTION C4-2

RAMP C-4 STA. 10+379.488 TO 10+391.534

LEGEND	
1	EXISTING GROUND LINE
2F	EX SUB-BASE GRANULAR MATERIAL
2G	EX AGGREGATE BASE COURSE
5A	EX BIT. BASE COURSE 200 mm
6A	EX BITUMINOUS RESURFACING 75 mm
6E	EX BIT. CONCRETE SURFACE COURSE 38 mm
7A	EX PCC PAVEMENT 250 mm

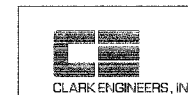


EXISTING RAMP TYPICAL SECTION C4-3

RAMP C-4 STA. 10+391.534 TO 10+418.407

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
EXISTING RAMP C-4
STA. 10+275.000 TO 10+418.506



DATE 11/23/04

DRAWN BY MGM
CHECKED BY RDY

11/23/04 10:00 AM