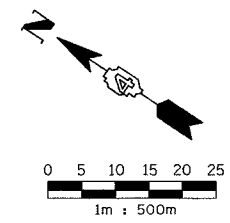
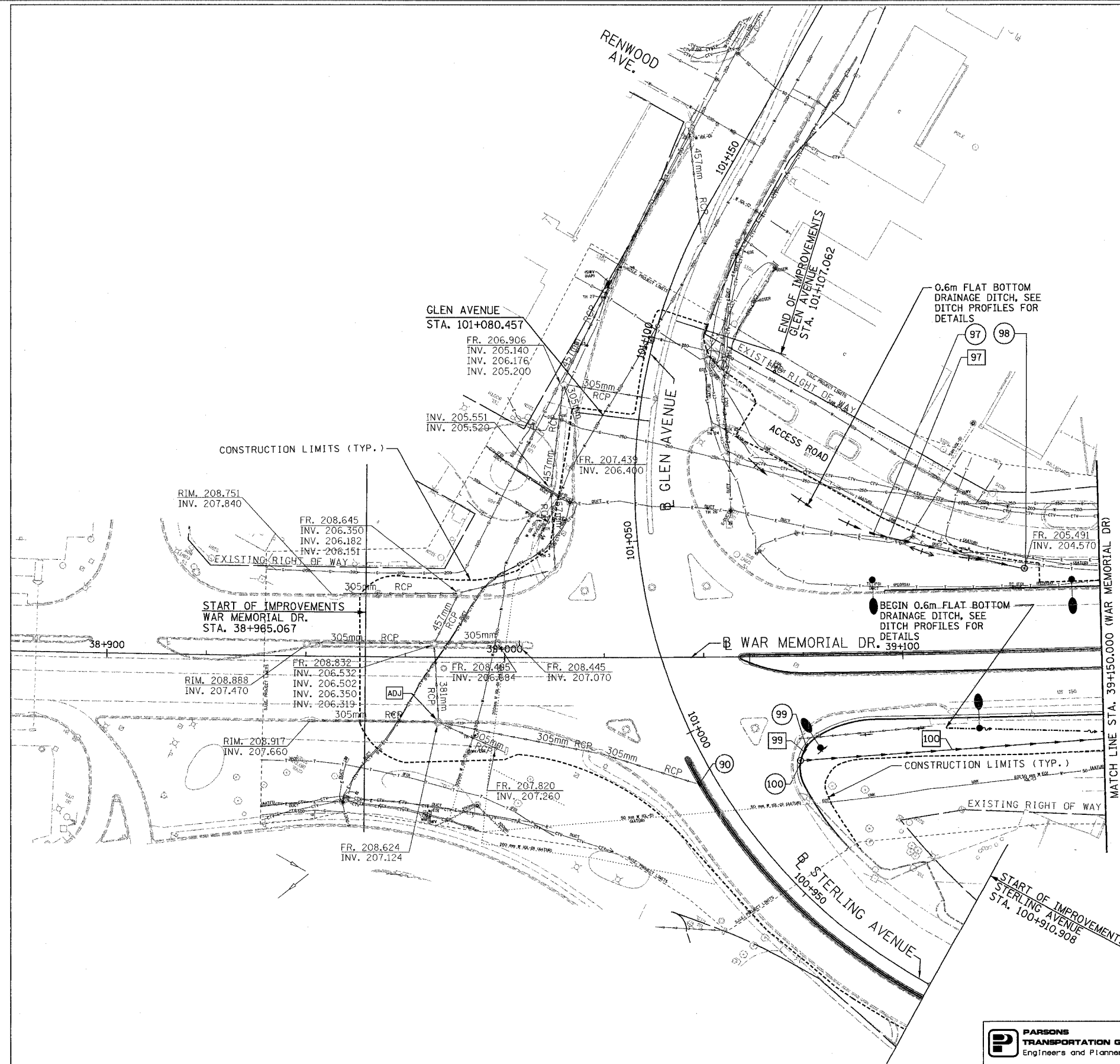


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	302
STA. 38+965.067		TO STA. 39+150.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

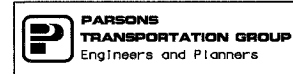
LEGEND

EXISTING	PROPOSED	
○	○	INLET
○	○	MANHOLE
○	○	CATCH BASIN
↕	↕	SAG
↕	↕	SUMMIT
→	→	STORM SEWER FLOW DIRECTION
→	→	DITCH FLOW DIRECTION
→	→	DITCH CHECK
▒	▒	RIPRAP
—	—	PIPE UNDERDRAIN
—	—	STORM SEWER
---	---	DITCH PROFILE LINE
---	---	PIPE CULVERTS
---	---	GRADING AND SHAPING DITCHES
---	---	PAVED DITCH
---	---	HEADWALL
---	---	PRECAST REINFORCED CONC. END SECTION
—OHP—		ELECTRICAL OVERHEAD
—W—		WATER
—G—		GAS
—T—		TELEPHONE
→	→	SANITARY SEWER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
 WAR MEMORIAL DRIVE
 STA. 38+965.067 - STA. 39+150.000
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	303
STA. 38+965.067		TO STA. 39+150.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DRAINAGE STRUCTURE TABLE									
#	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.	REMARKS	
90	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	38+048.671 (WM), 31.593m RT.	208.44	207.79	CONST. OVER EX. SEWER	
97	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+092.774 (WM), 30.607m LT.	205.600	204.680		
98	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+131.079 (WM), 21.156m LT.	205.491	204.570	CONST. OVER EX. SEWER	
99	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+075.583 (WM), 22.518m RT.	207.988	207.000		
100	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+079.985 (WM), 26.183m RT.	208.05	206.850		

DRAINAGE PIPE TABLE									
#	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
97	A	2	300mm	39.2m	204.680	204.570	0.28%	0.0	
99	A	1	300mm	4.0m	207.000	206.850	3.75%	1.9	
100	A	2	300mm	49.2m	206.850	204.600	4.57%	0.0	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE AND UTILITY PLAN FAI ROUTE 74 (I-74) (WB) STA. 38+965.067 - STA. 39+150.000
NAME	DATE	
		DRAWN BY CADD CHECKED BY KJW



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	136	305
STA. 39+150.000		TO STA. 39+500.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE TABLE

#	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.	
101	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+172.578 (WM), 0.431m LT.	206.2 ±	205.100	
102	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+172.564 (WM), 4.028m RT.	206.4 ±	205.068 (EX.), 205.100 (NE)	CONST. OVER EX. SEWER
103	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+172.600 (WM), 15.950m RT.	206.4 ±	205.021 (EX.), 204.500 (SW)	
104	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+172.632 (WM), 21.124m RT.	206.0	204.600 (NW), 204.300(SE,NE)	
105	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+233.266 (WM), 15.871m RT.	205.2 ±	203.600	
106	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+233.266 (WM), 21.124m RT.	204.8	203.100(NW,SE), 203.400 (NE)	
107	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+289.922 (WM), 1.949m LT.	204.0	202.900	
108	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+293.489 (WM), 4.388m LT.	203.8 ±	202.900	
109	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+293.800 (WM), 0.212m RT.	203.8 ±	MATCH EXISTING	CONST. OVER EX. SEWER
110	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+294.364 (WM), 15.944m RT.	204.0 ±	MATCH EXISTING	CONST. OVER EX. SEWER
111	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+294.558 (WM), 21.124m RT.	202.9	201.500	
112	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+383.296 (WM), 4.071m LT.	201.4 ±	DETERMINE IN FIELD	
113	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+385.780 (WM), 2.912m LT.	201.4 ±	MATCH EXISTING	CONST. OVER EX. SEWER
114	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+386.305 (WM), 18.138m RT.	200.6 ±	DETERMINE IN FIELD	CONST. OVER EX. SEWER
115	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+382.798 (WM), 26.067m RT.	200.6	199.500	
116	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	39+391.609 (WM), 25.653m RT.	200.5 ±	199.217 (NW, EX.)	
117	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+357.860 (WM), 42.278m RT.	202.0 ±	201.000	CONST. OVER EX. SEWER
118	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+366.629 (WM), 53.805m RT.	202.0	200.400	
119	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+373.565 (WM), 62.995m RT.	201.4 ±	200.319 (NE,EX. SW,EX. NE)	
120	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+370.680 (WM), 48.520m RT.	201.4 ±	200.500	
121	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+396.078 (WM), 72.915m RT.	201.37 ±	200.550	
122	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+409.034 (WM), 40.840m LT.	199.5 ±	198.100	
123	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+408.292 (WM), 27.600m LT.	200.0 ±	197.600 (NE), 197.100 (EX)	
124	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+447.230 (WM), 21.486m RT.	199.6 ±	197.682	

DRAINAGE PIPE TABLE

#	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
101	A	1	300mm	4.4m	205.100	205.068	0.72%	0.0	
103	A	2	600mm	5.1m	204.500	204.300	3.92%	0.0	
104	A	2	600mm	60.8m	204.300	203.100	1.97%	0.0	
105	A	2	300mm	5.0m	203.600	203.400	4.00%	0.0	
106	A	2	600mm	61.5m	203.100	201.500	2.60%	0.0	
107	A	2	300mm	2.8m	202.900	202.6	10.71%	0.0	
108	A	2	300mm	4.2m	202.900	202.6	7.14%	0.0	
110	A	2	600mm	5.1m	DETERMINE IN FIELD	201.500	DETERMINE IN FIELD	0.0	
111	A	2	600mm	88.7m	201.500	199.500	2.25%	0.0	
112	A	2	300mm	2.7m	DETERMINE IN FIELD	DETERMINE IN FIELD	DETERMINE IN FIELD	0.0	
114	A	2	600mm	8.6m	DETERMINE IN FIELD	199.400	DETERMINE IN FIELD	0.0	
115	A	2	600mm	8.8m	199.500	199.317	2.07%	0.0	
117	A	1	375mm	14.5m	201.000	200.400	4.13%	0.0	
118	A	1	375mm	11.2m	200.400	200.319	0.72%	0.0	
120	A	1	300mm	6.6m	200.500	200.400	1.51%	0.0	
121	A	1	300mm	3.6m	200.550	200.514	1.00%	1.2	CONNECT TO EX. STR.
122	A	2	300mm	13.2m	198.100	197.600	3.78%	0.0	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
FAI ROUTE 74 (I-74) (WB)
STA. 39+150.000 - STA. 39+500.000

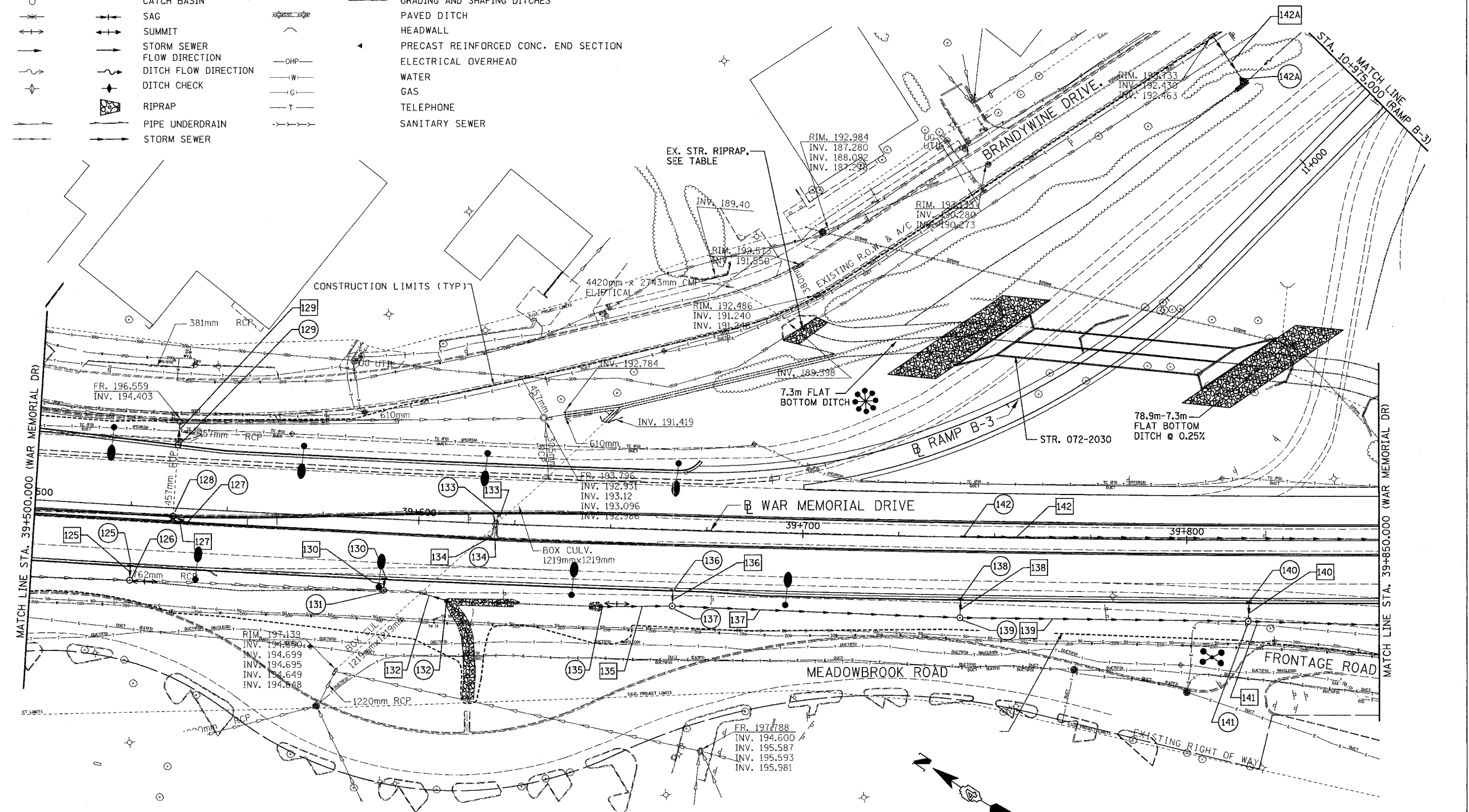


DRAWN BY CADD
DATE 11/12/04
CHECKED BY KJW

LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	136	130
STA. 39+500.000		TO STA. 39+850.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
 WAR MEMORIAL DRIVE
 STA. 39+500.000 - STA. 39+850.000

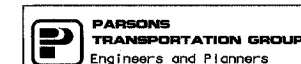
DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY KJW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	307
STA. 39+500.000		TO STA. 39+850.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE TABLE								
#	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.	COMMENTS
125	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+525.718 (WM), 15.681m RT.	197.7 ±	195.750	
126	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+525.732 (WM), 19.491m RT.	197.5 ±	195.359 (EX.), 195.650 (NE)	CONST. OVER EX. SEWER, FIELD VERIFY EX. INV.
127	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+539.612 (WM), 3.570m RT.	197.4 ±	DETERMINE IN FIELD	
128	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+536.019 (WM), 2.142m RT.	197.3 ±	DETERMINE IN FIELD	CONST. OVER EX. SEWER
129	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+536.358 (WM), 16.431m LT.	197.3 ±	196.1	CONST. OVER EX. SEWER
130	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+591.805 (WM), 15.621m RT.	196.2	194.600	
131	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+591.805 (WM), 18.603m RT.	195.8	194.500 (NE), 193.410 (EX.)	CONST. OVER EX. SEWER, FIELD VERIFY EX. INV.
132	END SECTION	1.2m	ON GRADE	-	39+601.589 (WM), 18.563m RT.	-	194.800	
133	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+619.978 (WM), 2.745m LT.	195.6	194.400	
134	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+619.865 (WM), 4.102m RT.	195.6	194.400	
135	END SECTION	1.2m	ON GRADE	-	39+647.595 (WM), 20.495m RT.	-	194.200	
136	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+666.663 (WM), 15.621m RT.	195.4	194.200	
137	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	39+666.623 (WM), 19.760m RT.	195.500	194.100 (NE), 193.500 (NW), 192.900 (SE)	
138	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+746.444 (WM), 16.196m RT.	195.2	193.500	
139	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	39+741.444 (WM), 20.988m RT.	195.000	192.900 (NE), 192.000 (NW), 191.400 (SE)	
140	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	39+816.252 (WM), 16.196m RT.	195.000	192.800	
141	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	39+816.252 (WM), 21.000m RT.	194.000	192.600 (NE), 190.500 (NW), 189.900 (SE)	
142	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+741.823 (WAR), 0.000m RT.	194.4	193.200	
142A	END SECTION	375mm	ON GRADE	-	10+995.716 (B3), 26.848m RT.	-	191.250	

DRAINAGE PIPE TABLE									
#	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
125	A	2	300mm	3.8m	195.750	195.650	2.63%	0.0	
127	A	2	300mm	3.8m	DETERMINE IN FIELD	DETERMINE IN FIELD	-	0.0	
129	A	2	450mm	5.9m	196.1	194.403	28.76%	0.0	
130	A	2	300mm	2.9m	194.600	194.500	3.44%	0.0	
132	A	2	1.2m	5.8m	194.800	193.030	30.51%	0.0	
133	A	2	300mm	2.0m	194.400	DETERMINE IN FIELD	-	0.0	
134	A	2	300mm	2.0m	194.400	DETERMINE IN FIELD	-	0.0	
135	A	2	1.2m	17.9m	194.200	193.500	3.91%	0.0	
136	A	2	300mm	3.9m	194.200	194.100	2.56%	0.0	
137	A	2	1.2m	75.0m	192.900	192.000	1.20%	0.0	
138	A	2	300mm	4.5m	193.500	192.900	13.33%	0.0	
139	A	2	1.2m	75.0m	191.400	190.500	1.20%	0.0	
140	A	2	300mm	4.5m	192.800	192.600	4.44%	0.0	
141	A	2	1.2m	91.0m	188.000	186.900	1.20%	0.0	CONN. TO PR. CULVERT
142	A	2	300mm	140.5m	193.200	191.000	1.56%	0.0	
142A	A	2	375mm	12.5m	192.430	191.250	9.44%	0.0	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION DRAINAGE AND UTILITY PLAN FAI ROUTE 74 (I-74) (WB) STA. 39+500.000 - STA. 39+850.000
NAME	DATE	

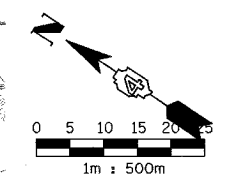
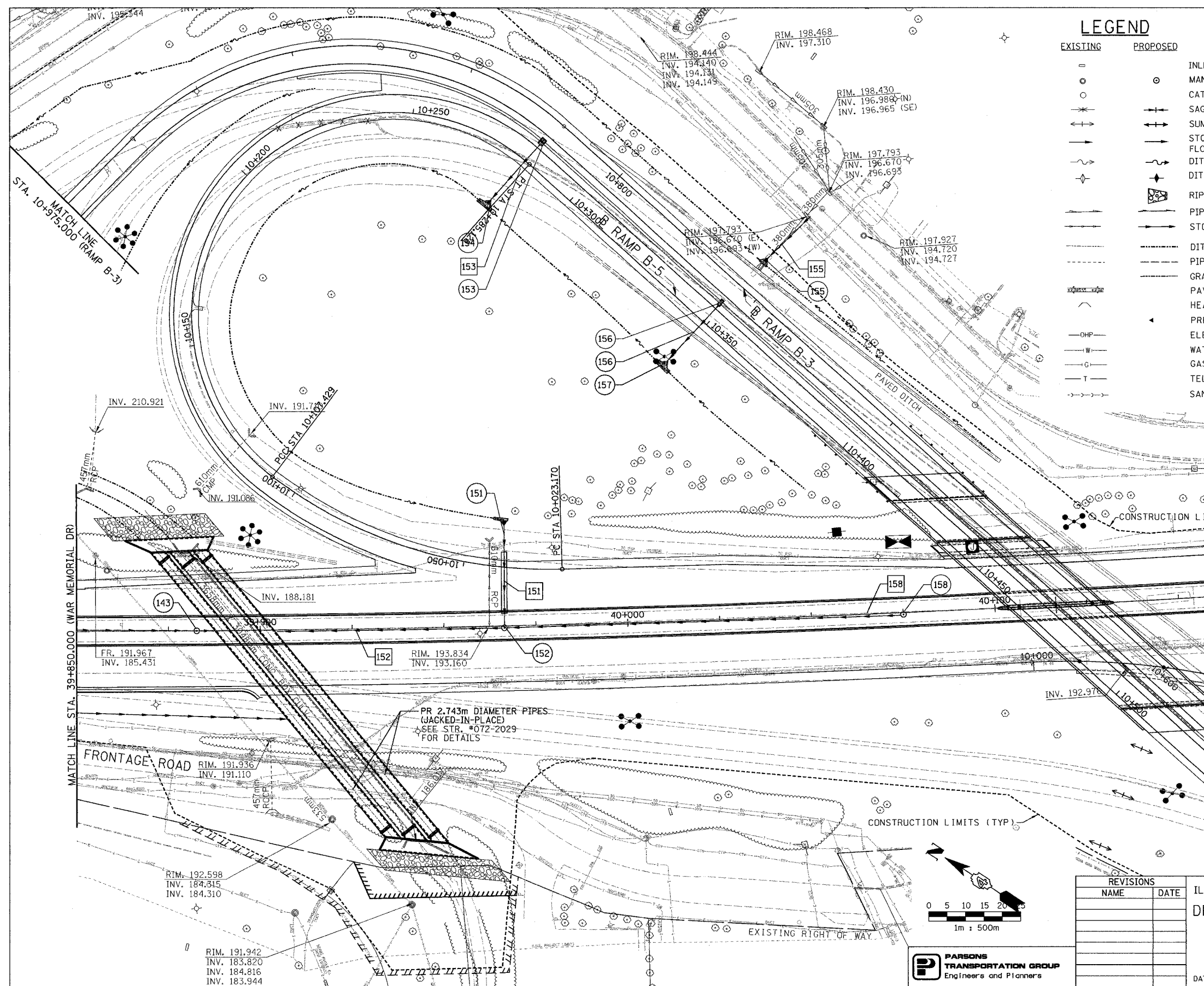


DRAWN BY CADD
CHECKED BY KJW
DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	760
STA. 39+850.000		TO STA. 40+175.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

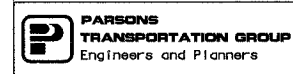
LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	○	INLET
○	○	MANHOLE
○	○	CATCH BASIN
⊕	⊕	SAG
⊕	⊕	SUMMIT
→	→	STORM SEWER FLOW DIRECTION
→	→	DITCH FLOW DIRECTION
⊕	⊕	DITCH CHECK
⊕	⊕	RIPRAP
⊕	⊕	PIPE UNDERDRAIN
⊕	⊕	STORM SEWER
⊕	⊕	DITCH PROFILE LINE
⊕	⊕	PIPE CULVERTS
⊕	⊕	GRADING AND SHAPING DITCHES
⊕	⊕	PAVED DITCH
⊕	⊕	HEADWALL
⊕	⊕	PRECAST REINFORCED CONC. END SECTION
⊕	⊕	ELECTRICAL OVERHEAD
⊕	⊕	WATER
⊕	⊕	GAS
⊕	⊕	TELEPHONE
⊕	⊕	SANITARY SEWER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
 WAR MEMORIAL DRIVE
 STA. 39+850.000 - STA. 40+175.000
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	309
STA. 39+850.000		TO STA. 40+175.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DRAINAGE STRUCTURE TABLE

#	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.	COMMENTS
143	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	39+882.500 (WM), 0.000m RT.	194.000	191.000 (NW), 190.400 (SE)	
146	MH, TY A	2.1m	ON GRADE	TYPE 1, OPEN	39+929.543 (WM), 56.657m RT.	189.000	189.900 (W,S) 186.700	
151	END SECTION	600mm	ON GRADE	-	10+041.158 (B5), 11.571m RT.	-	191.500	
152	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	39+966.468 (WM), 0.000m RT.	193.800	191.300 (SE), 191.000 (NE, NW)	
153	DS, TY 1	-	ON GRADE	TY 20	10+822.109 (B3), 7.098m LT.	197.869 (B5) 197.707 (B3)	196.400	
154	END SECTION	300mm	ON GRADE	-	10+283.329 (B5), 13.680m RT.	-	194.250	
155	END SECTION	375mm	ON GRADE	-	10+775.212.(B3), 14.820 m RT.	-	196.600	
156	DS, TY 1	-	ON GRADE	TY 20	10+756.660 (B3), 7.091m LT.	198.979 (B5) 198.982 (B3)	197.700	
157	END SECTION	300mm	ON GRADE	-	10+348.717 (B5), 13.738m RT.	-	195.600	
158	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	40+075.000 (WM), 0.000m RT.	194.000	192.850	

DRAINAGE PIPE TABLE

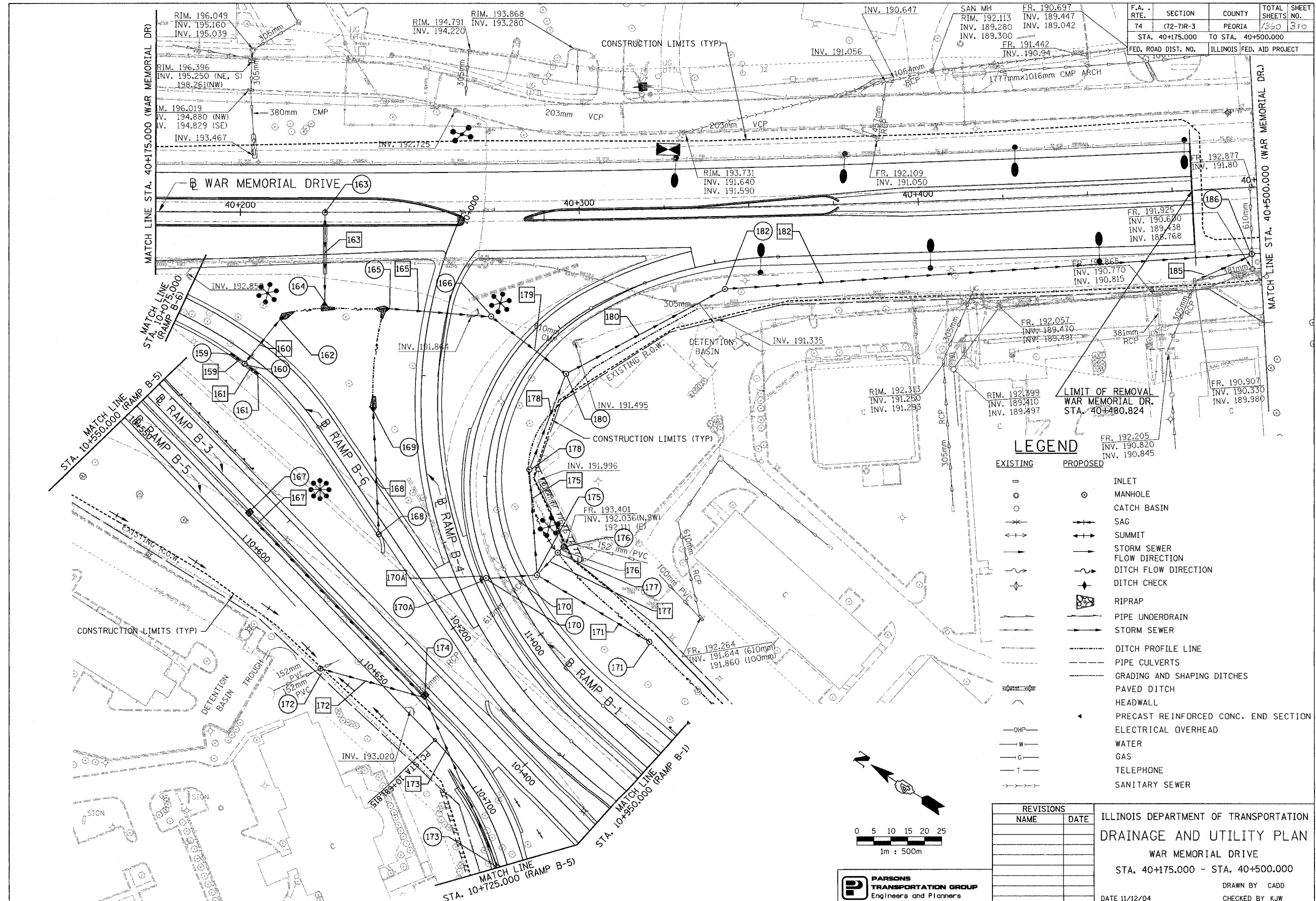
#	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
143	A	2	375mm	40.0m	190.400	188.500	47.50%1	0.0	CONN. TO PR. CULVERT
151	A	2	600mm	61.4m	191.500	188.500	4.88%	0.0	16.7m JACKED IN PLACE
152	A	2	600mm	62.5m	191.000	189.800	1.92%	0.0	CONN. TO PR. CULVERT
153	A	1	300mm	20.4m	196.400	194.250	10.53%	6.9	
155	A	2	375mm	16.2m	196.693	196.600	0.57%	0.0	
156	A	1	300mm	20.5m	197.700	195.600	10.24%	6.9	
158	A	2	300mm	108.5m	192.850	191.300	1.42%	0.0	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
FAI ROUTE 74 (I-74) (WB)
STA. 39+850.000 - STA. 40+175.000
DRAWN BY CADD
DATE 11/12/04
CHECKED BY KJW

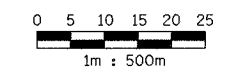


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	310
STA. 40+175.000		TO STA. 40+500.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

EXISTING	PROPOSED	DESCRIPTION
□	○	INLET
○	○	MANHOLE
○	○	CATCH BASIN
+	+	SAG
+	+	SUMMIT
→	→	STORM SEWER FLOW DIRECTION
→	→	DITCH FLOW DIRECTION
+	+	DITCH CHECK
■	■	RIPRAP
—	—	PIPE UNDERDRAIN
—	—	STORM SEWER
—	—	DITCH PROFILE LINE
—	—	PIPE CULVERTS
—	—	GRADING AND SHAPING DITCHES
—	—	PAVED DITCH
—	—	HEADWALL
—	—	PRECAST REINFORCED CONC. END SECTION
—	—	ELECTRICAL OVERHEAD
—	—	WATER
—	—	GAS
—	—	TELEPHONE
—	—	SANITARY SEWER



PARSONS
TRANSPORTATION GROUP
Engineers and Planners

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
WAR MEMORIAL DRIVE
STA. 40+175.000 - STA. 40+500.000
DRAWN BY CADD
CHECKED BY KJW
DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	311
STA. 40+175.000		TO STA. 40+500.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DRAINAGE STRUCTURE TABLE

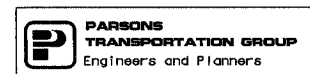
④	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.	COMMENTS
159	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	10+095.176 (B6), 2.850m RT.	193.014	192.000	
160	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+099.670 (B6), 2.850m RT.	193.009	191.800 (N,S), 191.725 (E)	
161	INLET, TY B	0.9m	ON GRADE	TYPE 1, OPEN	10+104.170 (B6), 2.850m RT.	193.014	192.000	
162	END SECTION	375mm	ON GRADE	-	10+100.220 (B6), 13.137m LT.	-	191.440	
163	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	40+224.999 (WM), 0.000m RT.	193.750	192.000	
164	END SECTION	300mm	ON GRADE	-	40+224.876 (WM), 26.442m RT.	-	191.400	
165	END SECTION	525mm	ON GRADE	-	10+116.920 (B6), 38.137m LT.	-	191.000	
166	MH, TY A	1.2m	ON GRADE	TYPE 1, CLOSED	10+028.500 (B4), 17.856m LT.	192.250	190.625	
167	DS, TY 1	-	ON GRADE	TYPE 20	10+615.569 (B5), 7.044m LT.	197.323 (B3) 197.323 (B5)	194.100	
168	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+164.833 (B6), 2.850m RT.	194.255	193.000 (NW), 192.925 (E)	
169	END SECTION	300mm	ON GRADE	-	10+132.883 (B6), 16.738m LT.	-	192.000	
170	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+114.791 (B4), 7.385m LT.	195.306	193.484 (N), 191.500 (S)	
170A	INLET, TY A	0.6m	ON GRADE	TYPE 1, OPEN	10+114.789 (B4), 6.700m LT.	194.286	193.504	
171	INLET, TY A	0.6m	ON GRADE	TYPE 1, OPEN	10+975.000 (B1), 23.000m RT.	191.500	190.800	
172	INLET, TY A	0.6m	ON GRADE	TYPE 1, OPEN	10+643.292 (B5), 9.750m RT.	194.000	193.250	CONST. OVER EX. S.S.
173	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	10+725.124 (B5), 2.400m RT.	193.533	193.300	
174	DS, TY 1	-	ON GRADE	TYPE 20	10+670.294 (B5), 7.044m LT.	195.667 (B3) 195.537 (B5)	192.937 (E,W), 193.162 (N,S,NE)	CONST. OVER EX. S.S.
175	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	11+016.065 (B1), 8.000m RT.	194.016	192.208 (EX.), 190.830 (NW,E), 190.530 (NE,SE)	CONST. OVER EX. S.S.
176	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	11+020.638 (B1), 18.628m RT.	193.401	192.111 (EX.), 191.100 (PR.)	CONST. OVER EX. S.S.
177	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	11+019.625 (B1), 16.406m RT.	192.500	191.100 (E), 191.000 (W)	
178	MH, TY A	1.2m	ON GRADE	TYPE 1, OPEN	11+053.266 (B1), 12.381m RT.	192.300	190.390	
180	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	11+091.220 (B1), 10.703m RT.	192.200	190.250	
182	MH, TY A	1.5m	ON GRADE	TYPE 1, OPEN	40+342.443 (WM), 24.035m RT.	192.200	189.719	
186	MH, TY A	1.8m	ON GRADE	TYPE 1, OPEN	40+497.500 (WM), 19.951m RT.	192.500	190.823 (NE), 188.400 (NW), 188.169 (N), 188.019 (S)	CONST. OVER EX. S.S.

DRAINAGE PIPE TABLE

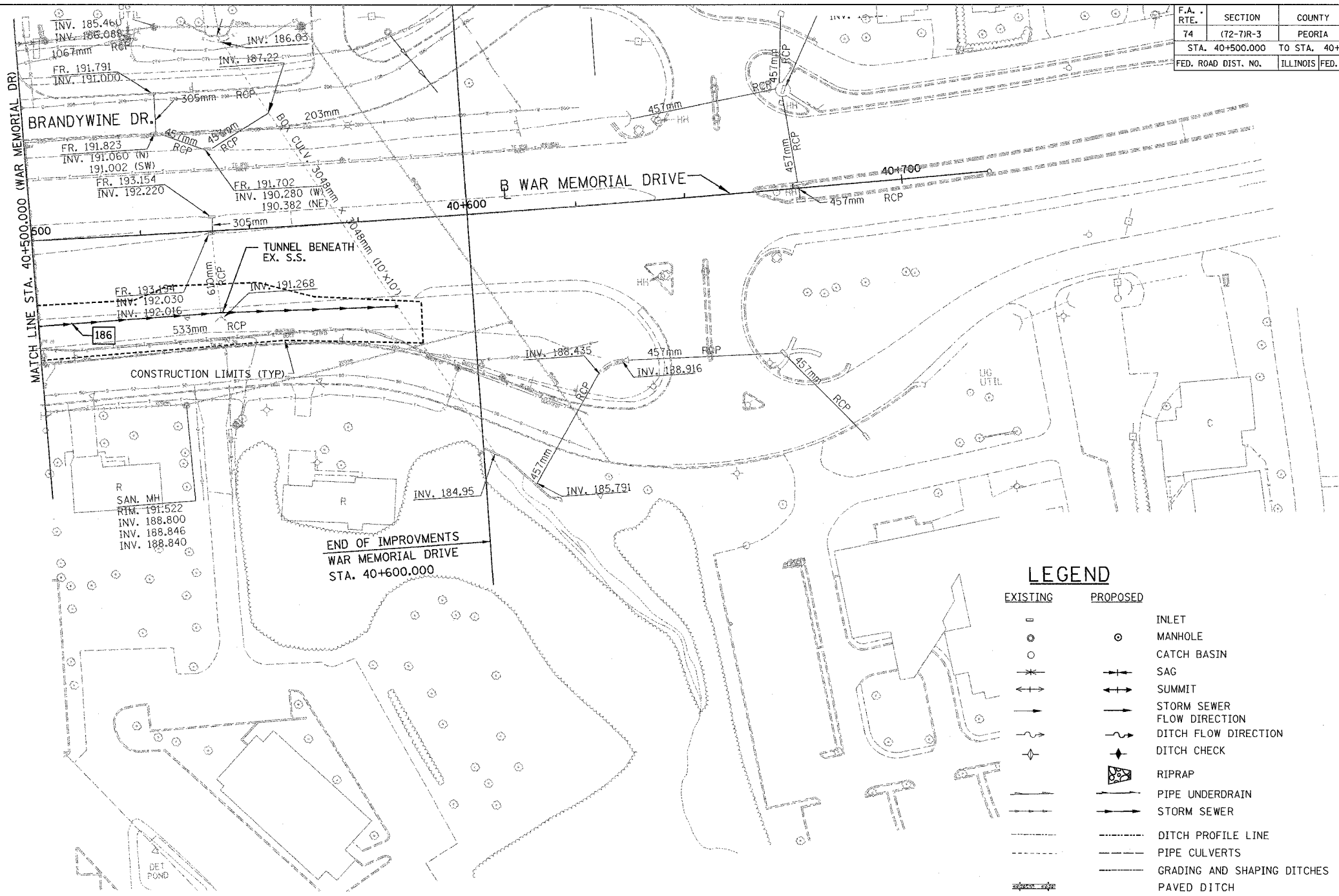
④	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
159	A	1	300mm	4.5m	192.000	191.800	4.44%	1.2	
160	A	1	375mm	15.5m	191.725	191.440	1.83%	6.7	
161	A	1	300mm	4.5m	192.000	191.800	4.44%	1.2	
163	A	2	300mm	26.4m	192.000	191.400	2.27%	21.0	14.8m JACKED IN PLACE
165	A	2	525mm	29.5m	191.000	190.625	1.27%	30.5	
167	A	1	300mm	74.0m	196.100	193.162	3.97%	64.7	
168	A	1	300mm	36.5m	192.925	192.000	2.54%	14.4	
170	A	2	300mm	15.0m	191.500	190.830	4.46%	38.4	
170A	A	2	300mm	1.0m	193.504	193.484	2.00%	0.0	
171	A	1	300mm	38.0m	191.800	190.530	0.71%	0.0	
172	A	2	300mm	36.7m	193.250	193.162	0.24%	42.7	
173	A	1	300mm	55.5m	193.300	193.162	0.24%	48.5	
175	A	2	600mm	31.0m	190.530	190.390	0.45%	0.0	
176	A	2	300mm	2.0m	191.100	191.000	5.00%	0.0	
177	A	2	300mm	8.5m	191.000	190.830	2.00%	0.0	
178	A	2	600mm	30.1m	190.390	190.250	0.46%	0.0	
179	A	2	525mm	26.5m	190.625	190.250	1.41%	39.7	
180	A	2	600mm	53.1m	190.250	189.719	1.00%	0.0	
182	A	2	600mm	155.0m	189.719	188.168	1.00%	0.0	
185	A	2	375mm	17.0m	189.980	188.013	9.29%	0.0	CONN. TO EX. STR.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
FAI ROUTE 74 (I-74) (WB)
STA. 40+175.000 - STA. 40+500.000
DRAWN BY CADD
CHECKED BY KJW
DATE 11/12/04



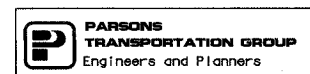
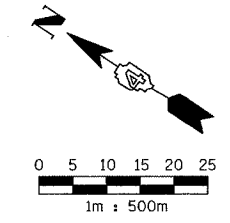
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	212
STA. 40+500.000		TO STA. 40+600.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- | EXISTING | PROPOSED | |
|----------|----------|--------------------------------------|
| ⊥ | ○ | INLET |
| ○ | ○ | MANHOLE |
| ○ | ○ | CATCH BASIN |
| ⋈ | ⋈ | SAG |
| ↔ | ↔ | SUMMIT |
| → | → | STORM SEWER FLOW DIRECTION |
| → | → | DITCH FLOW DIRECTION |
| ◆ | ◆ | DITCH CHECK |
| ▨ | ▨ | RIPRAP |
| — | — | PIPE UNDERDRAIN |
| — | — | STORM SEWER |
| --- | --- | DITCH PROFILE LINE |
| --- | --- | PIPE CULVERTS |
| --- | --- | GRADING AND SHAPING DITCHES |
| --- | --- | PAVED DITCH |
| --- | --- | HEADWALL |
| --- | --- | PRECAST REINFORCED CONC. END SECTION |
| —OHP— | | ELECTRICAL OVERHEAD |
| —W— | | WATER |
| —G— | | GAS |
| —T— | | TELEPHONE |
| → | → | SANITARY SEWER |

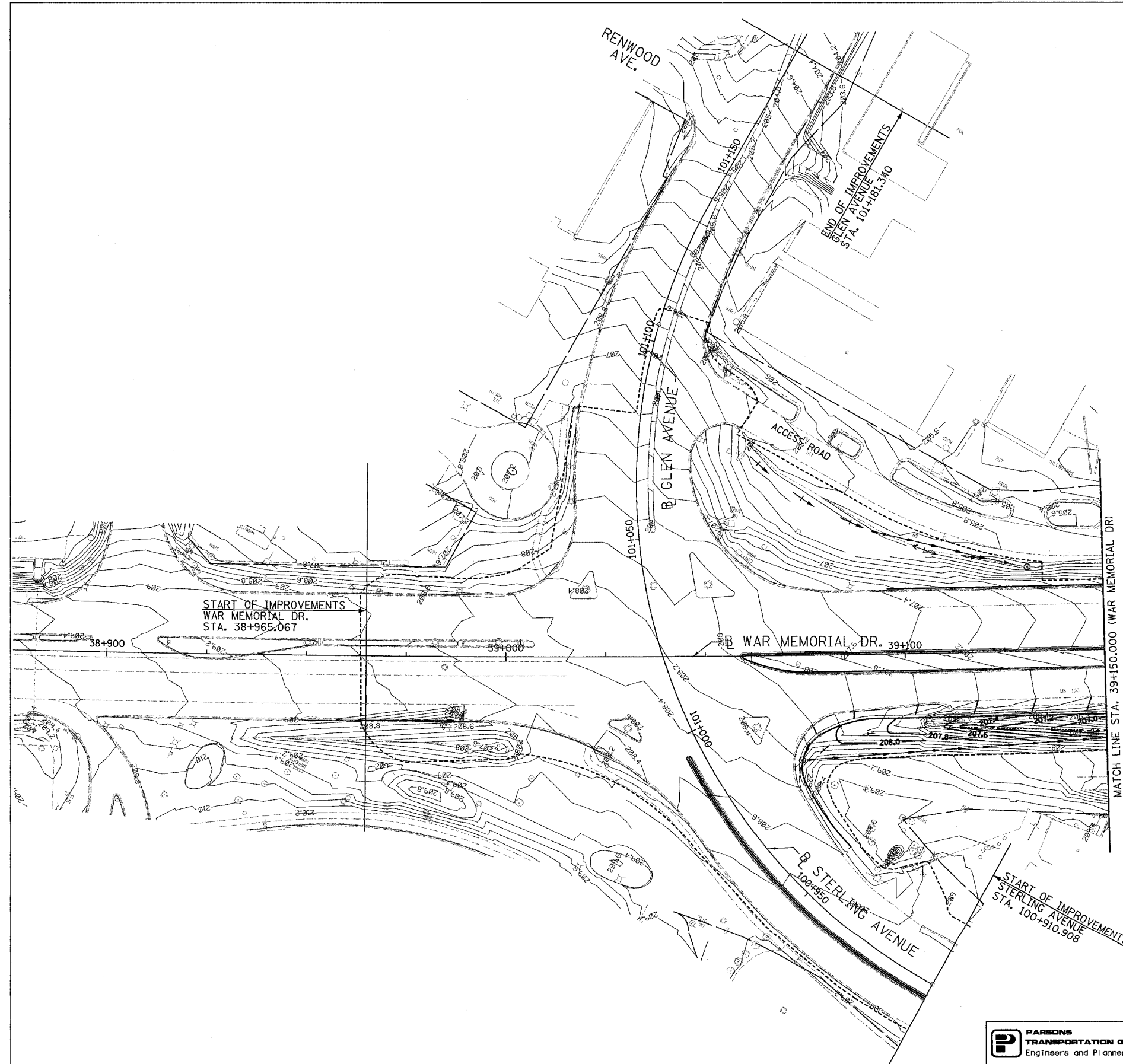
#	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
186	A	2	750mm	86.0m	188.019	186.541	1.71%	0.00	CONN. TO EX. BOX CULVERT



NAME	DATE

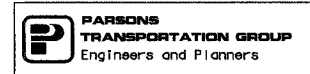
ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 40+500.000 - STA. 40+600.000
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1340	313
STA. 38+811.662		TO STA. 39+150.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

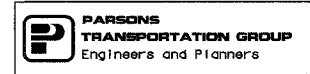
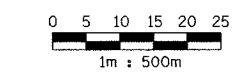
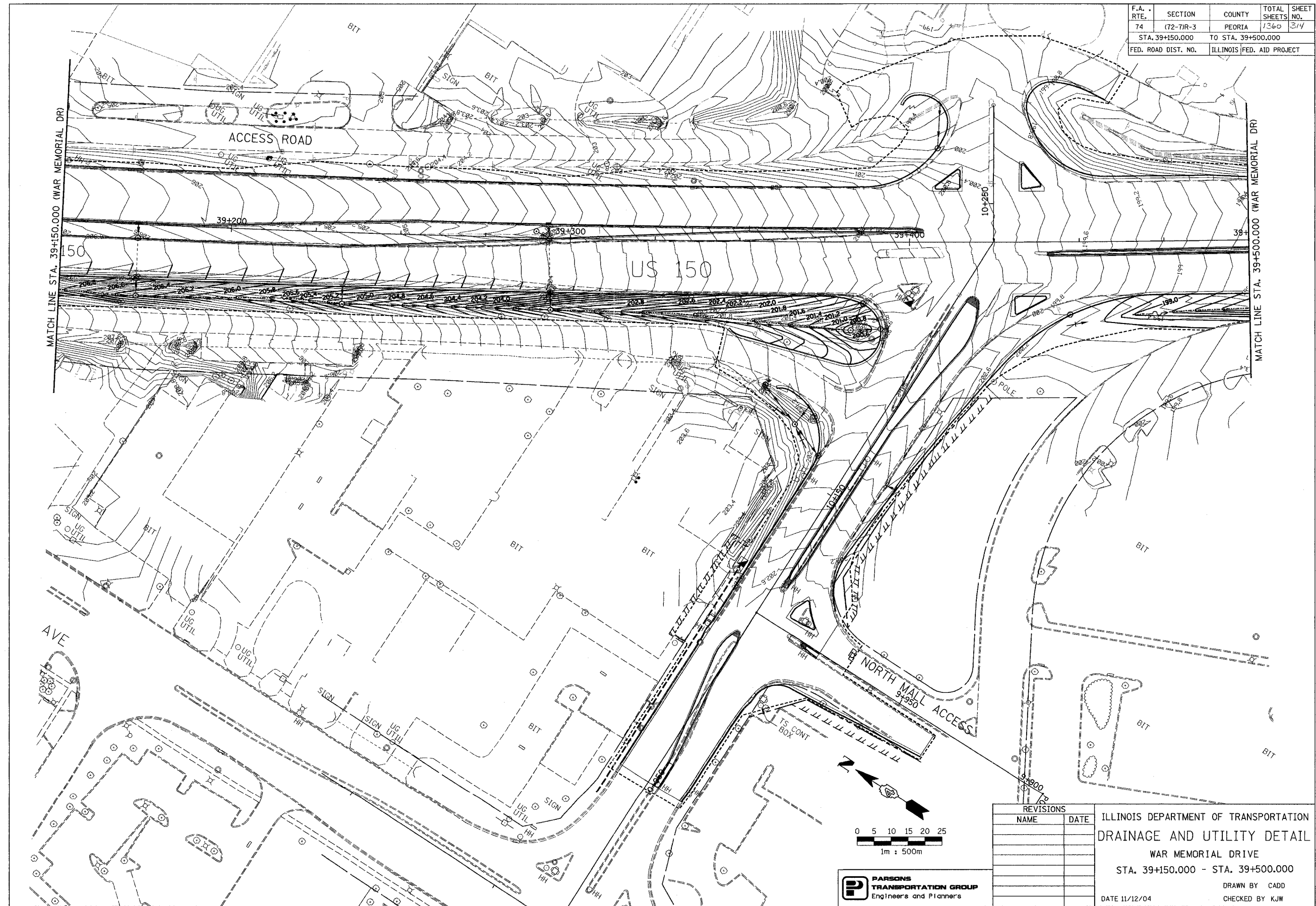


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DRAINAGE AND UTILITY DETAIL
 WAR MEMORIAL DRIVE
 STA. 38+811.662 - STA. 39+150.000
 DRAWN BY CADD
 DATE 11/12/04
 CHECKED BY KJW



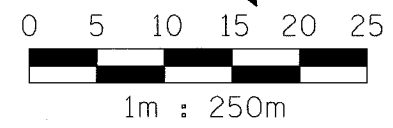
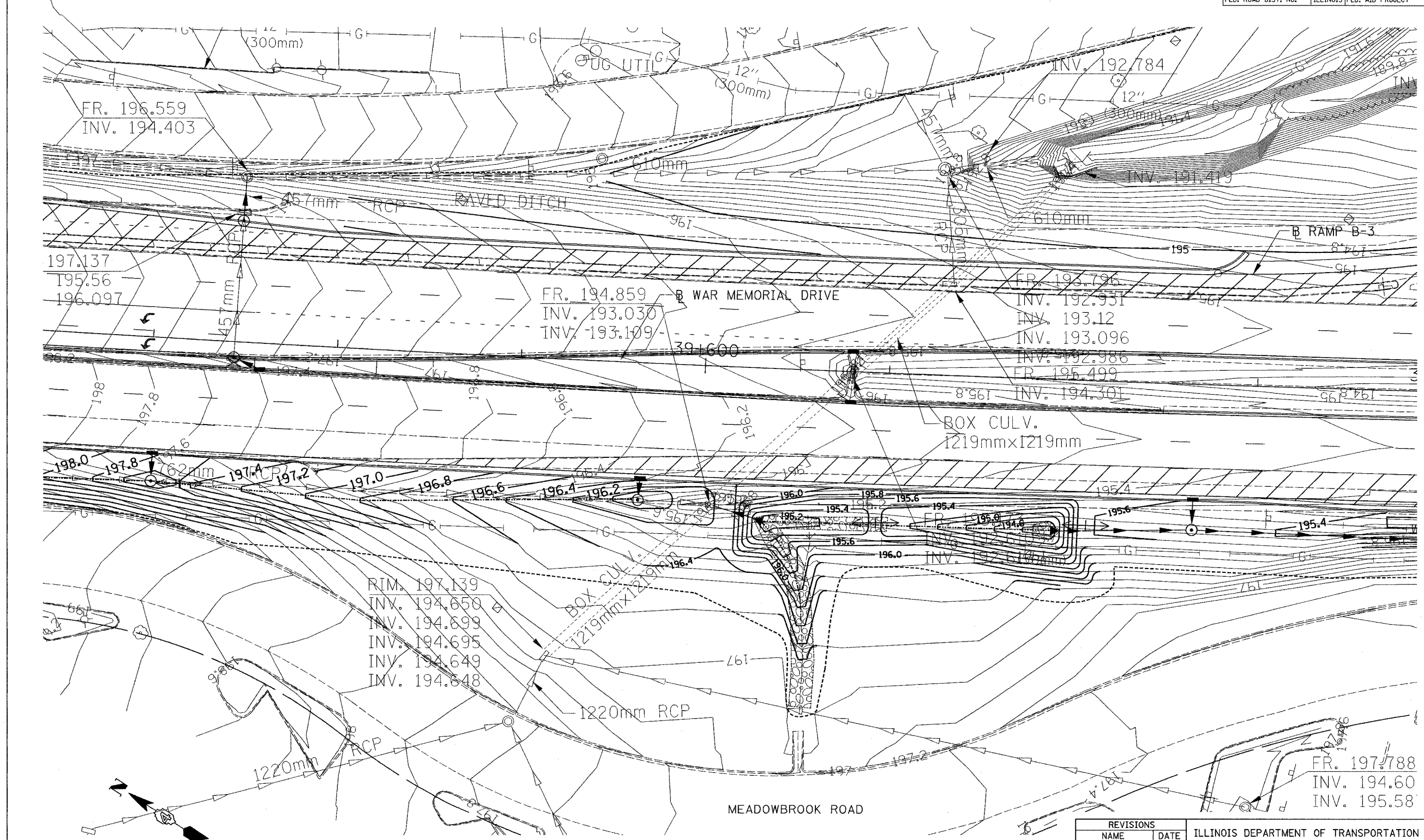
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	314
STA. 39+150.000		TO STA. 39+500.000		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



REVISIONS	
NAME	DATE

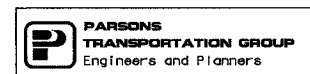
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DRAINAGE AND UTILITY DETAIL
 WAR MEMORIAL DRIVE
 STA. 39+150.000 - STA. 39+500.000
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	315
STA. 39+500.000		TO STA. 39+700.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

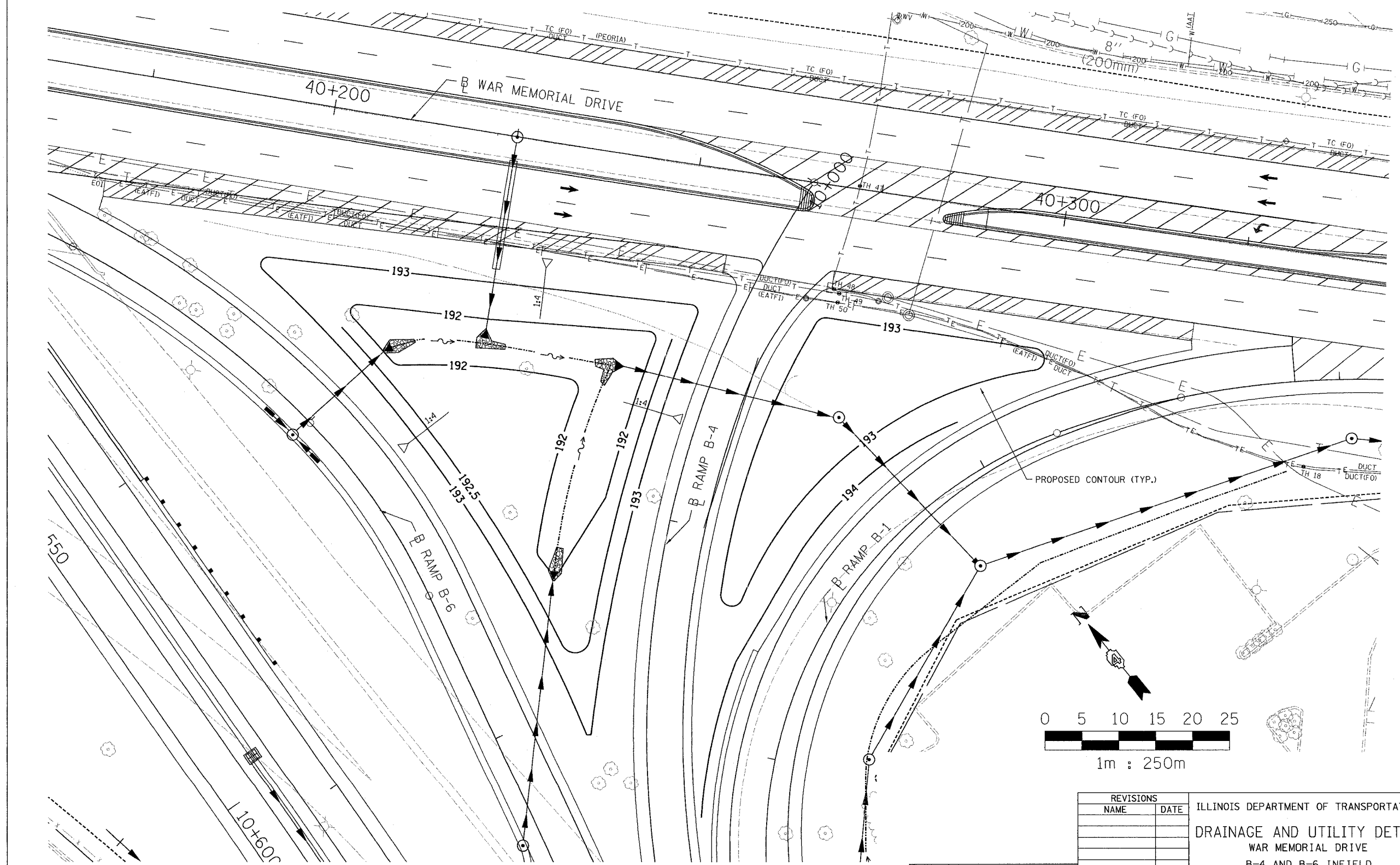


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DRAINAGE AND UTILITY DETAIL
 WAR MEMORIAL DRIVE
 STA. 39+500.000 - STA. 39+700.000
 DRAWN BY CADD
 CHECKED BY K.JW
 DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	317
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY DETAIL
WAR MEMORIAL DRIVE
B-4 AND B-6 INFIELD
DRAWN BY CADD
CHECKED BY KJW
DATE 11/12/04

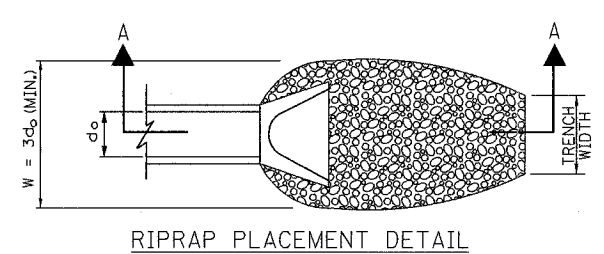


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-1)	PEORIA	994	263
STA.	TO STA.		1360	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

318

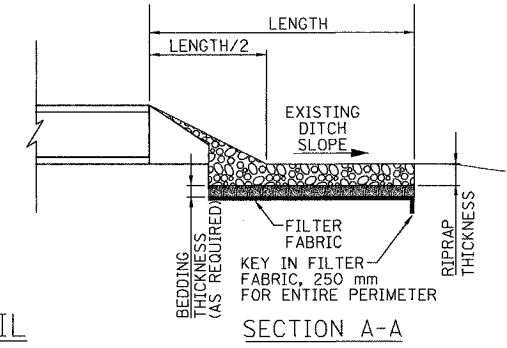
CULVERT RIPRAP TABLE											
STR. NUMBER	RIPRAP						BEDDING				FABRIC SQ M
	LENGTH	WIDTH	CLASS	SIZE	MIN. THICKNESS	M-TONS	CLASS	SIZE	MIN. THICKNESS	M-TONS	
1	5.0m	3.0m	B	3	300mm	3.9	-	-	-	-	9.2
2B	4.0m	2.0m	B	3	300mm	3.6	-	-	-	-	9.0
8	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
23	4.0m	1.2m	B	3	300mm	1.3	-	-	-	-	3.2
25	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
27	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
29	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
34	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
37	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
54	3.0m	3.3m	B	3	300mm	4.6	-	-	-	-	11.7
69	3.0m	3.3m	B	3	300mm	4.6	-	-	-	-	11.7
71	3.0m	3.3m	B	3	300mm	4.6	-	-	-	-	11.7
73	3.0m	3.3m	B	3	300mm	4.6	-	-	-	-	11.7
75	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
76	5.0m	2.5m	B	3	300mm	3.2	-	-	-	-	8.1
77	5.0m	2.5m	B	3	300mm	3.2	-	-	-	-	8.1
61	4.5m	1.6m	B	3	300mm	1.9	-	-	-	-	4.8
65	4.5m	1.6m	B	3	300mm	1.9	-	-	-	-	4.8
67	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
79	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
82	5.0m	3.0m	B	3	300mm	3.9	-	-	-	-	9.8
84	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
85	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
132	8.0m	3.6m	B	4	450mm	39.6	-	-	-	-	100.0
135	8.0m	3.6m	B	3	300mm	25.3	-	-	-	-	19.2
142A	4.0m	2.0m	B	3	300mm	3.6	-	-	-	-	9.0
EX. BOX	8.0m	10.0m	A	6	660mm	69.7	A	2	250mm	26.4	80.0
151	4.5m	2.0m	B	3	300mm	2.3	-	-	-	-	5.8
154	3.0m	3.3m	B	3	300mm	4.6	-	-	-	-	11.7
157	3.0m	3.3m	B	3	300mm	4.6	-	-	-	-	11.7
162	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
164	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
165	4.5m	1.6m	B	3	300mm	1.9	-	-	-	-	4.8
169	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6
155	4.0m	1.0m	B	3	300mm	1.0	-	-	-	-	2.6

SIZE IS THE GRADATION NUMBER AS DEFINED IN SECTIONS 281 & 1005 OF STD. SPECIFICATIONS

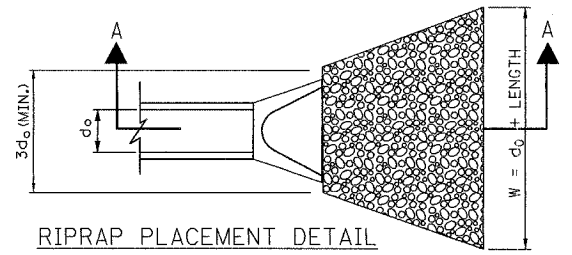


RIPRAP PLACEMENT DETAIL

TYPE "A" RIPRAP DETAIL
FOR DISCHARGE INTO WELL
DEFINED CHANNEL

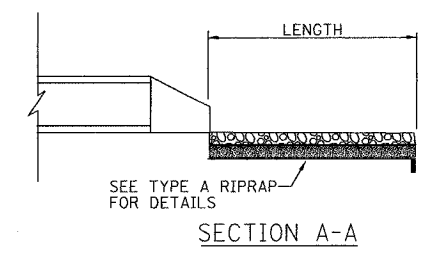


SECTION A-A



RIPRAP PLACEMENT DETAIL

TYPE "B" RIPRAP DETAIL
FOR DISCHARGE TO FLAT AREA
WITH NO DEFINED CHANNEL



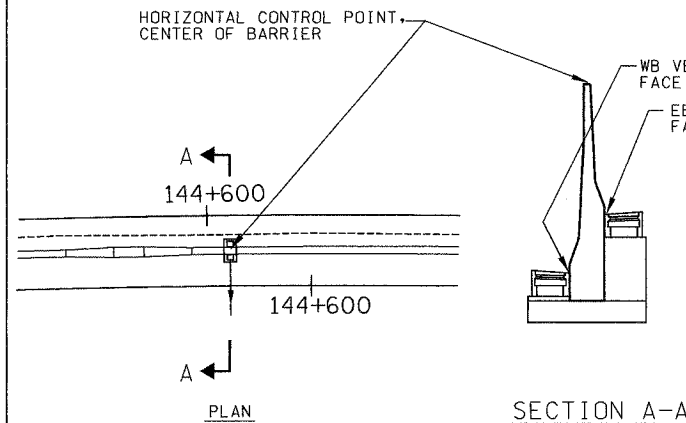
SECTION A-A

REVISIONS	
NAME	DATE

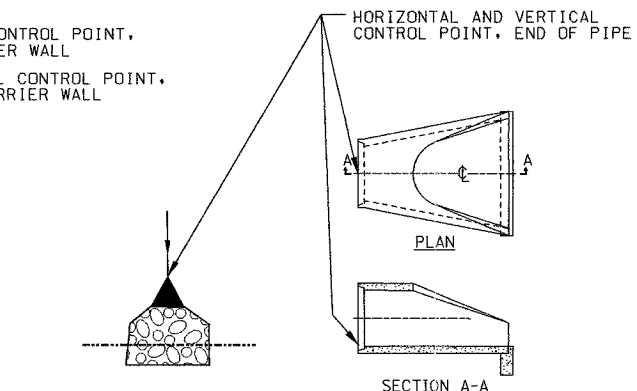
PS & E
ILLINOIS DEPARTMENT OF TRANSPORTATION
RIPRAP TABLE
FAI ROUTE 74 (1-74) (EB)
DRAWN BY CADD
CHECKED BY MKW
DATE 11/12/04



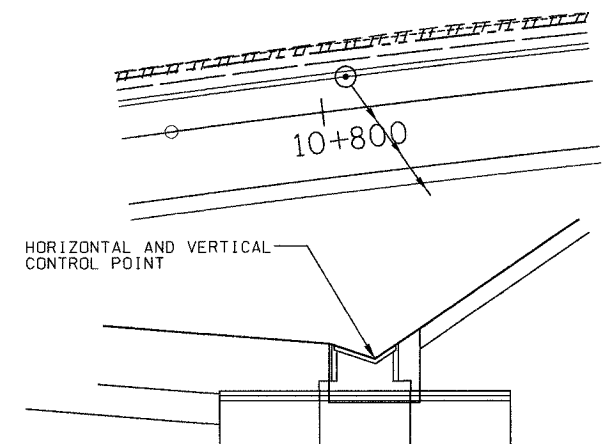
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-1	PEORIA	384	265
STA.	TO STA.		1360	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



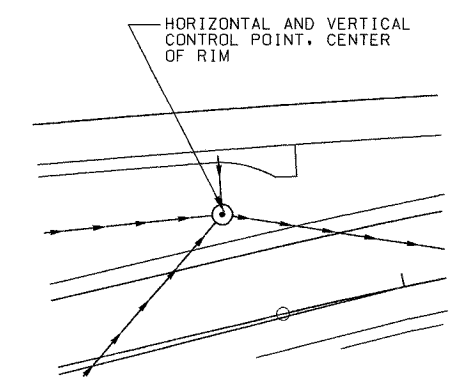
BARRIER WALL DRAINAGE STRUCTURE



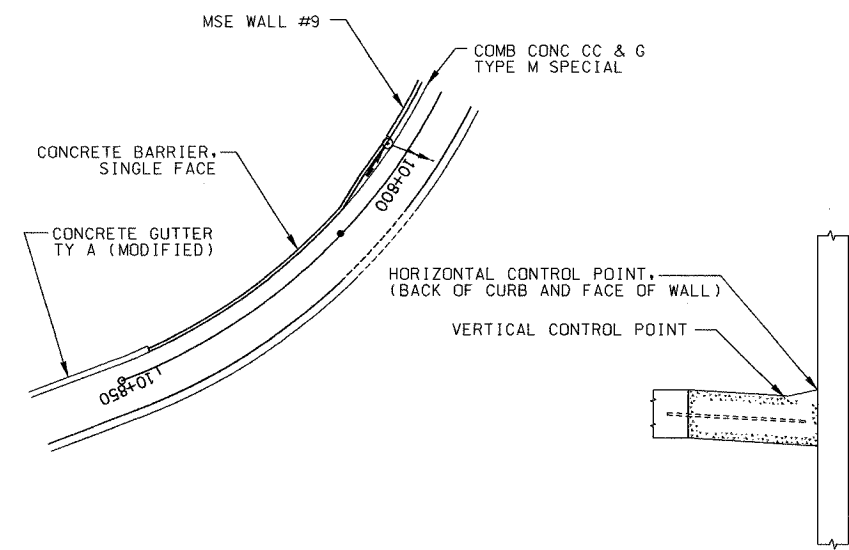
PRECAST REINFORCE CONC. END SECTION



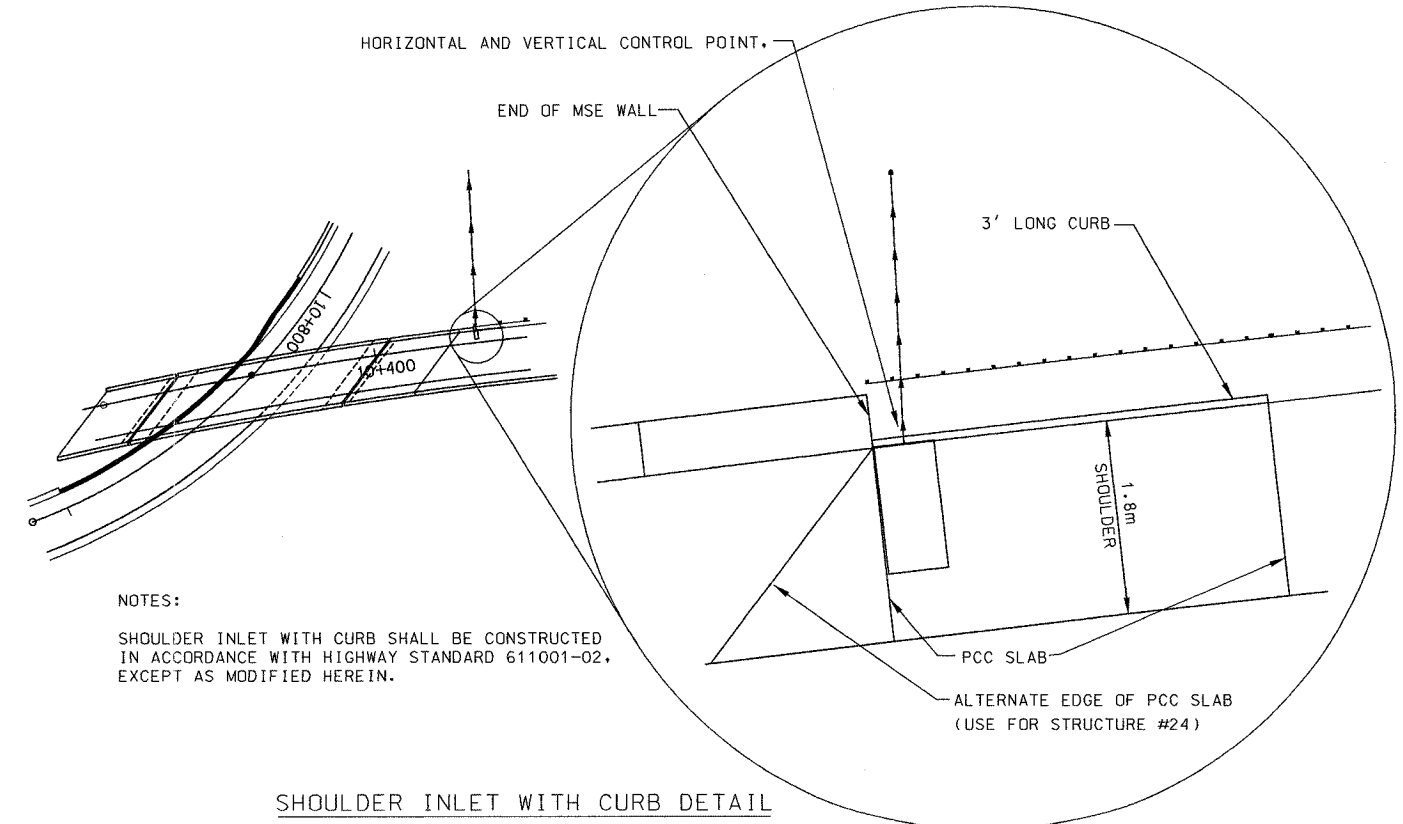
TYPE 9 FRAME AND GRATE



TYPE 1 FRAME AND GRATE



TYPE M-15.65 CURB AND GUTTER



SHOULDER INLET WITH CURB DETAIL

NOTES:
SHOULDER INLET WITH CURB SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 611001-02, EXCEPT AS MODIFIED HEREIN.

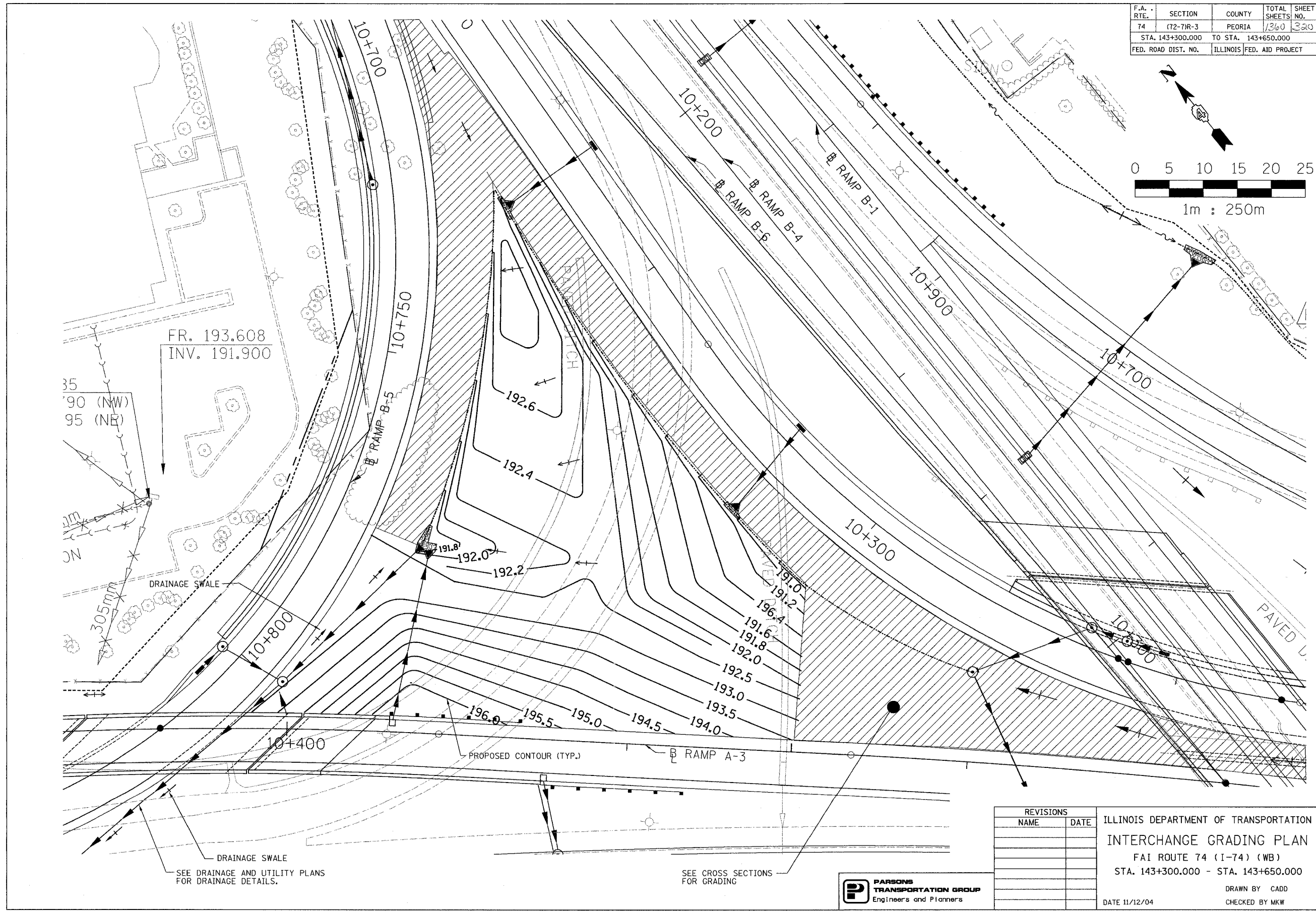
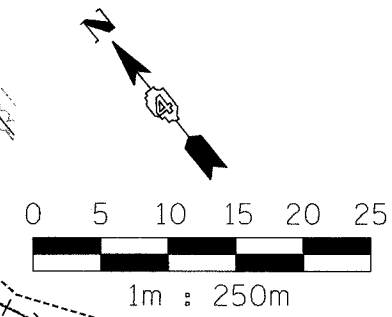
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CONTROL POINT PLAN
AND SHOULDER INLET DETAIL
FAI ROUTE 74 (I-74) (WB)



DATE 11/12/04
DRAWN BY CADD
CHECKED BY MKW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	320
STA. 143+300.000		TO STA. 143+650.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FR. 193.608
INV. 191.900

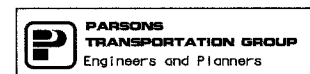
35
90 (NW)
95 (NE)

DRAINAGE SWALE

DRAINAGE SWALE
SEE DRAINAGE AND UTILITY PLANS
FOR DRAINAGE DETAILS.

PROPOSED CONTOUR (TYP.)

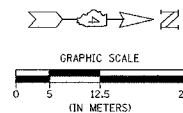
SEE CROSS SECTIONS
FOR GRADING



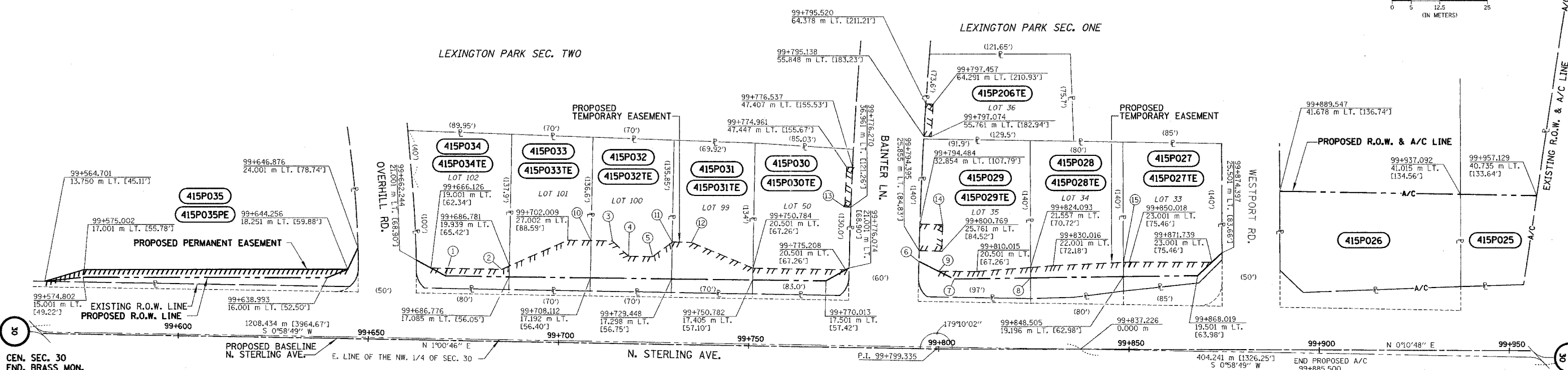
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE GRADING PLAN
FAI ROUTE 74 (I-74) (WB)
STA. 143+300.000 - STA. 143+650.000
DRAWN BY CADD
CHECKED BY MKW
DATE 11/12/04

TOWNSHIP 9 NORTH, RANGE 8 EAST, 4th P.M.



APPROVED BY _____ DISTRICT ENGINEER
DATE _____



1	99+670.007	17.001 m LT. [55.78']
2	99+684.758	19.001 m LT. [62.34']
3	99+713.760	27.002 m LT. [88.59']
4	99+718.010	23.001 m LT. [75.46']
5	99+724.310	23.001 m LT. [75.46']
6	99+794.373	23.001 m LT. [75.46']
7	99+804.015	18.501 m LT. [60.70']
8	99+824.106	18.815 m LT. [61.73']
9	99+799.942	20.501 m LT. [67.26']
10	99+708.126	27.002 m LT. [88.59']
11	99+729.461	27.002 m LT. [88.59']
12	99+734.511	27.002 m LT. [88.59']
13	99+774.693	37.001 m LT. [121.39']
14	99+800.961	32.759 m LT. [107.48']
15	99+848.486	22.925 m LT. [75.21']

DRAWN BY _____
WRITTEN BY _____
CHECKED BY _____
INSPECTED BY _____

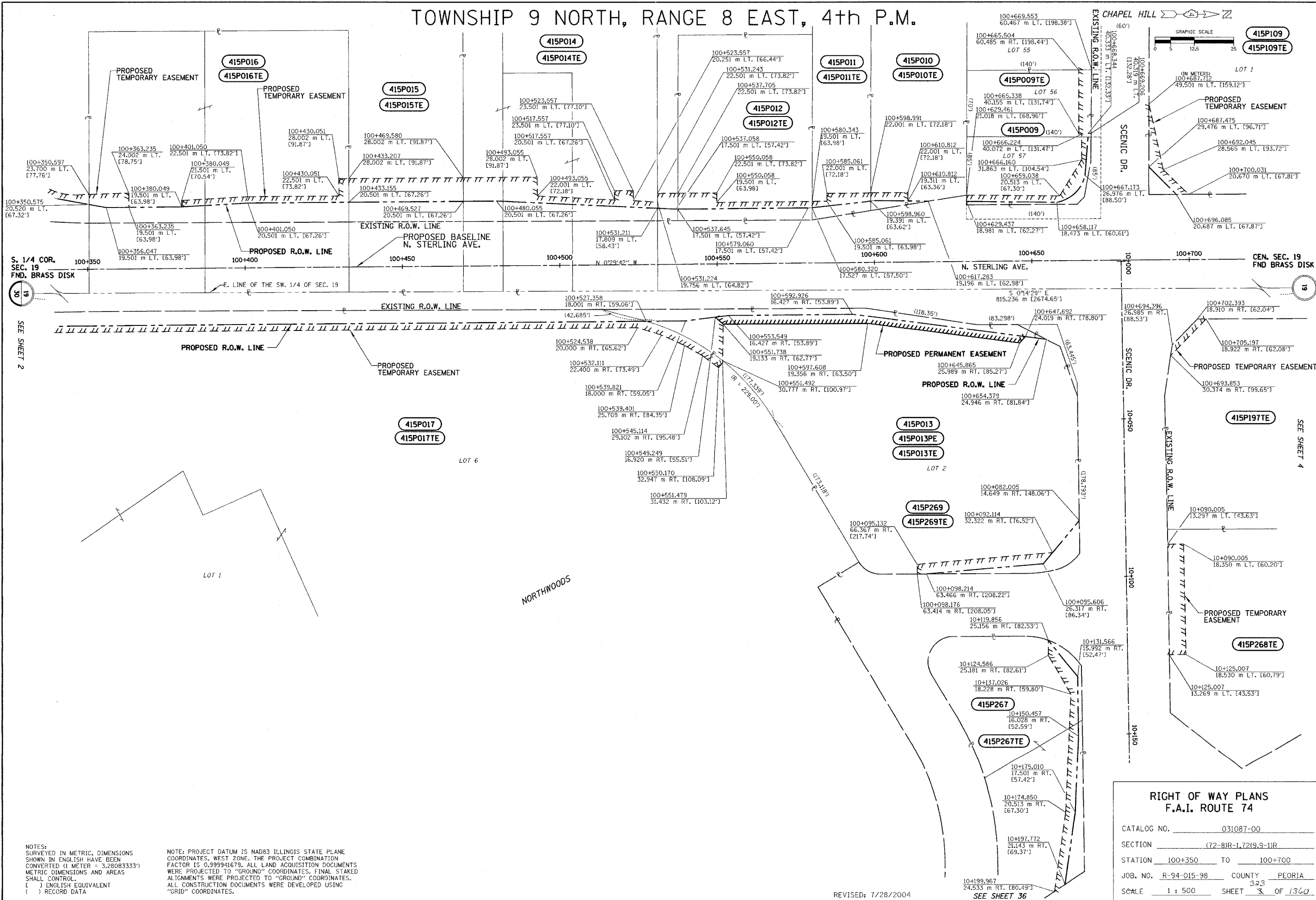
NOTES:
SURVEYED IN METRIC, DIMENSIONS SHOWN IN ENGLISH HAVE BEEN CONVERTED 11 METER = 3.28083333'. METRIC DIMENSIONS AND AREAS SHALL CONTROL.
() ENGLISH EQUIVALENT
() RECORD DATA

NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE COORDINATES, WEST ZONE. THE PROJECT COMBINATION FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES. ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING "GRID" COORDINATES.

**RIGHT OF WAY PLANS
F.A.I. ROUTE 74**

CATALOG NO. 031087-00
SECTION 72-8R-1,72(9,9-1)R
STATION 99+550 TO 99+950
JOB. NO. R-94-015-98 COUNTY PEORIA
SCALE 1 : 500 SHEET 321 OF 1360

TOWNSHIP 9 NORTH, RANGE 8 EAST, 4th P.M.



APPROVED BY _____ DISTRICT ENGINEER
DATE _____

GRAPHIC SCALE
0 5 12.5 25
415P109
415P109TE

**RIGHT OF WAY PLANS
F.A.I. ROUTE 74**

CATALOG NO. 031087-00
SECTION 72-81R-1, 72(9-9)-1R
STATION 100+350 TO 100+700
JOB NO. R-94-015-98 COUNTY PEORIA
SCALE 1 : 500 SHEET 3 OF 1360

NOTES:
SURVEYED IN METRIC, DIMENSIONS SHOWN IN ENGLISH HAVE BEEN CONVERTED (1 METER = 3.28083333') METRIC DIMENSIONS AND AREAS SHALL CONTROL.
() ENGLISH EQUIVALENT
() RECORD DATA

NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE COORDINATES, WEST ZONE. THE PROJECT COMBINATION FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES. ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING "GRID" COORDINATES.

REVISED: 7/28/2004

SEE SHEET 36

S. 1/4 COR. SEC. 19 FND. BRASS DISK

19

SEE SHEET 2

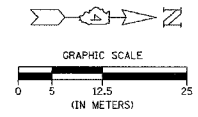
CEN. SEC. 19 FND. BRASS DISK

19

SEE SHEET 4

DRAWN BY _____
WRITTEN BY _____
CHECKED BY _____
INSPECTED BY _____

TOWNSHIP 9 NORTH, RANGE 8 EAST, 4th P.M.



APPROVED BY _____
DISTRICT ENGINEER
DATE _____

SEE SHEET 3

S. 1/4 COR.
SEC. 19
FND. BRASS DISK

SEE SHEET 36

NOTES:
SURVEYED IN METRIC, DIMENSIONS SHOWN IN ENGLISH HAVE BEEN CONVERTED (1 METER = 3.28083333'). METRIC DIMENSIONS AND AREAS SHALL CONTROL.
() ENGLISH EQUIVALENT
() RECORD DATA

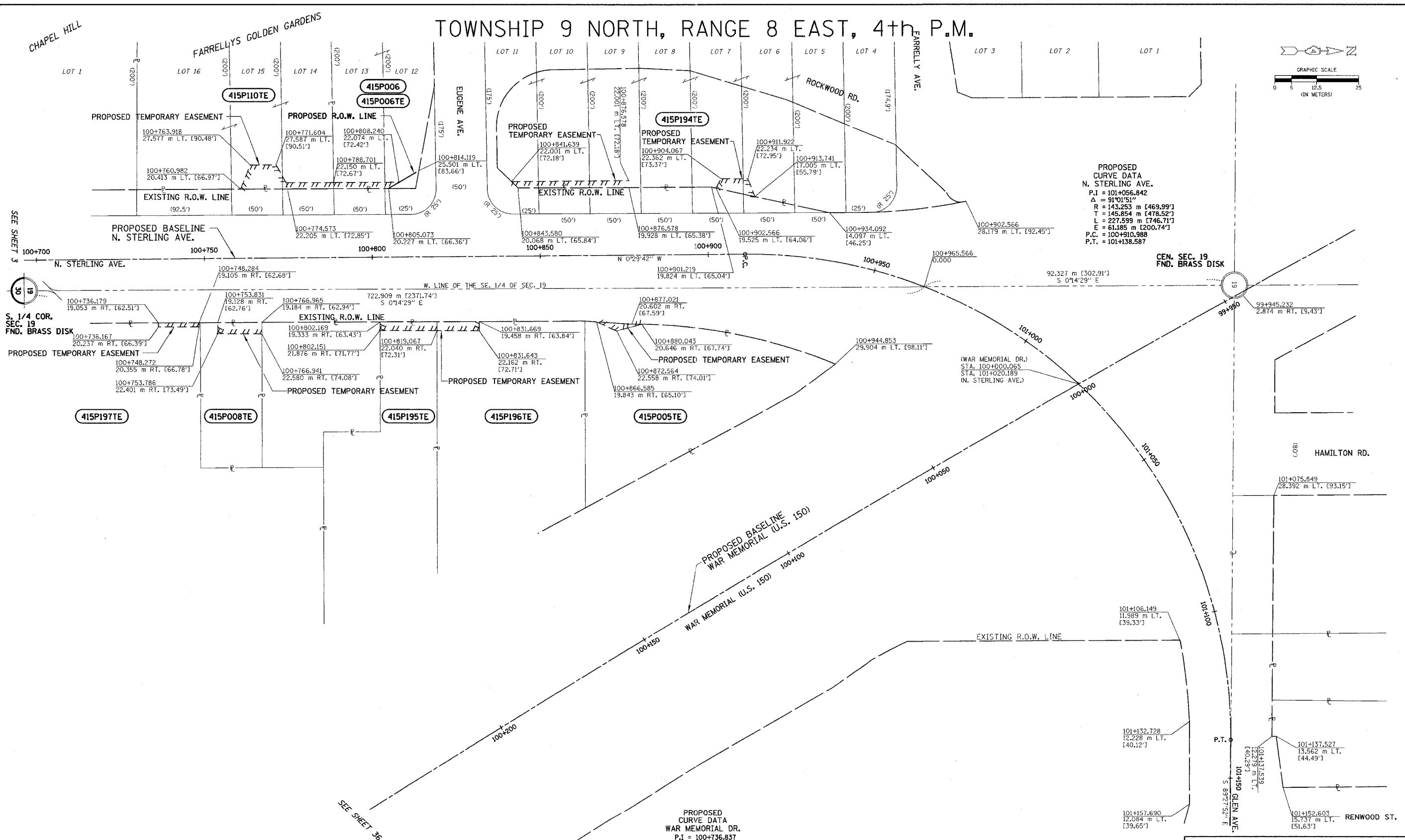
NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE COORDINATES, WEST ZONE. THE PROJECT COMBINATION FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES. ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING "GRID" COORDINATES.

PROPOSED CURVE DATA
WAR MEMORIAL DR.
P.I. = 100+736.837
Δ = 20°20'45"
R = 5374.661 m [17633.37']
T = 964.437 m [3164.18']
L = 1908.563 m [6261.68']
E = 85.845 m [281.64']
P.C. = 99+772.400
P.T. = 101+680.963

PROPOSED CURVE DATA
N. STERLING AVE.
P.I. = 101+056.842
Δ = 91°01'51"
R = 143.253 m [469.99']
T = 145.854 m [478.52']
L = 227.599 m [746.71']
E = 61.185 m [200.74']
P.C. = 100+910.988
P.T. = 101+138.587

RIGHT OF WAY PLANS F.A.I. ROUTE 74

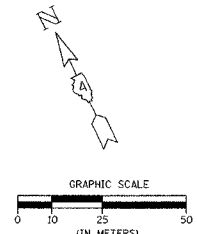
CATALOG NO. 031087-00
SECTION (72-B)R-1.72(9.9-1)R
STATION 100+700 TO 101+150
JOB. NO. R-94-015-98 COUNTY PEORIA
SCALE 1 : 500 SHEET 34 OF 1360



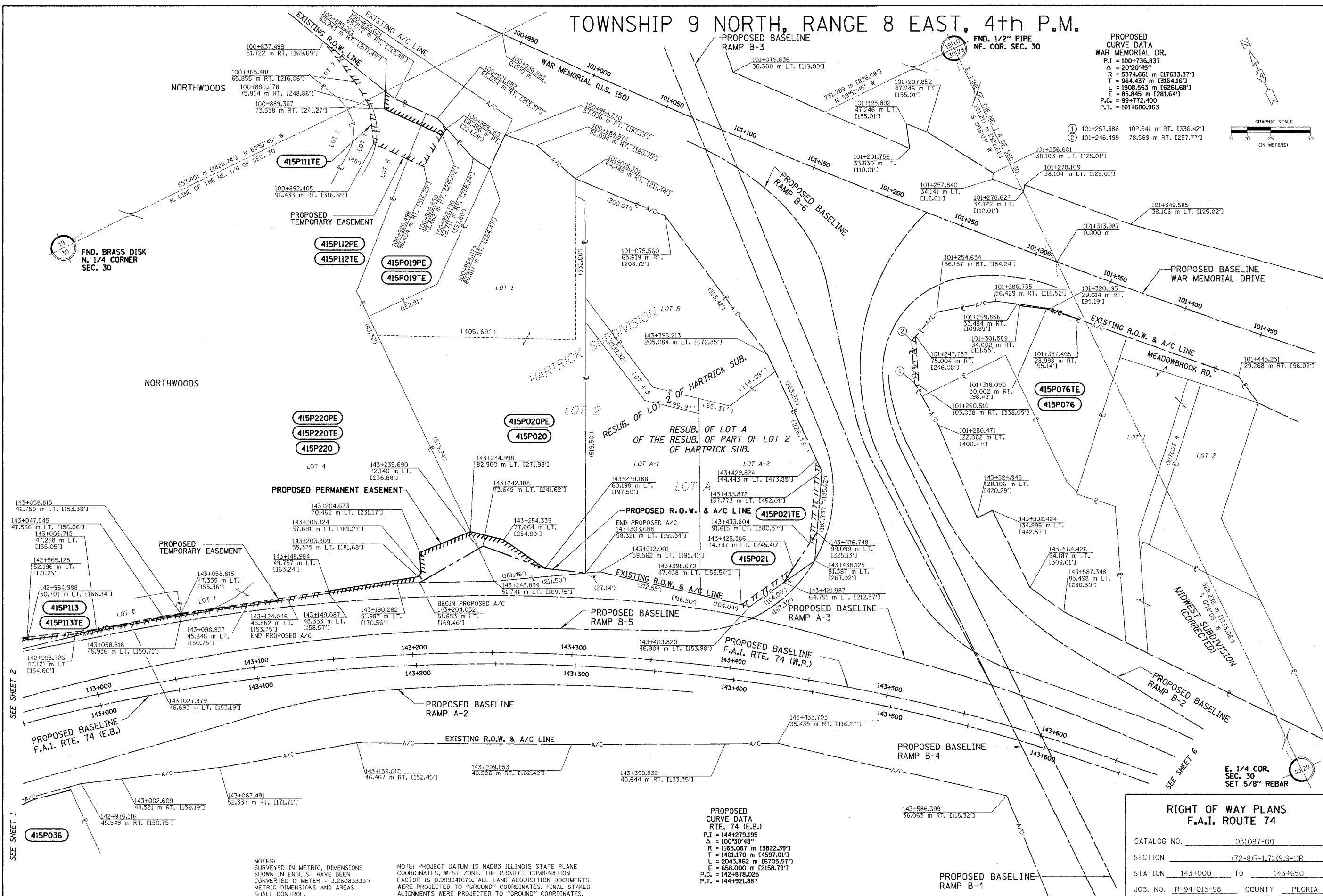
TOWNSHIP 9 NORTH, RANGE 8 EAST, 4th P.M.

FND. 1/2" PIPE
NE. COR. SEC. 30

PROPOSED
CURVE DATA
WAR MEMORIAL DR.
P.I = 100+736.837
Δ = 20°20'45"
R = 5374.661 m [17633.37']
T = 964.437 m [3164.16']
L = 1908.563 m [6261.68']
E = 85.845 m [281.64']
P.C. = 99+772.400
P.T. = 101+680.963



APPROVED BY _____
DISTRICT ENGINEER
DATE _____



NOTES:
SURVEYED IN METRIC, DIMENSIONS
SHOWN IN ENGLISH HAVE BEEN
CONVERTED (1 METER = 3.28083333')
METRIC DIMENSIONS AND AREAS
SHALL CONTROL.
() ENGLISH EQUIVALENT
() RECORD DATA

NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE
COORDINATES, WEST ZONE. THE PROJECT COMBINATION
FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS
WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED
ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES.
ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING
"GRID" COORDINATES.

PROPOSED
CURVE DATA
RTE. 74 (E.B.)
P.I = 144+279.195
Δ = 100°30'48"
R = 1165.067 m [3822.39']
T = 1401.170 m [4597.01']
L = 2043.862 m [6705.57']
E = 658.000 m [2158.79']
P.C. = 142+878.025
P.T. = 144+921.887

NOTE: STATION OFFSETS FROM PROPOSED (E.B.) BASELINE OF F.A.I. RTE. 74 & PROPOSED BASELINE OF WAR MEMORIAL DR.

RIGHT OF WAY PLANS F.A.I. ROUTE 74	
CATALOG NO.	031087-00
SECTION	(72-8)R-1.72(9-1)R
STATION	143+000 TO 143+650
JOB. NO.	R-94-015-98 COUNTY PEORIA
SCALE	1 : 1000 SHEET 325 OF 1360

DRAWN BY _____
WRITTEN BY _____
CHECKED BY _____
INSPECTED BY _____

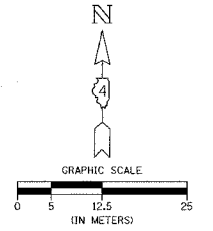
SEE SHEET 1
SEE SHEET 2

SEE SHEET 6

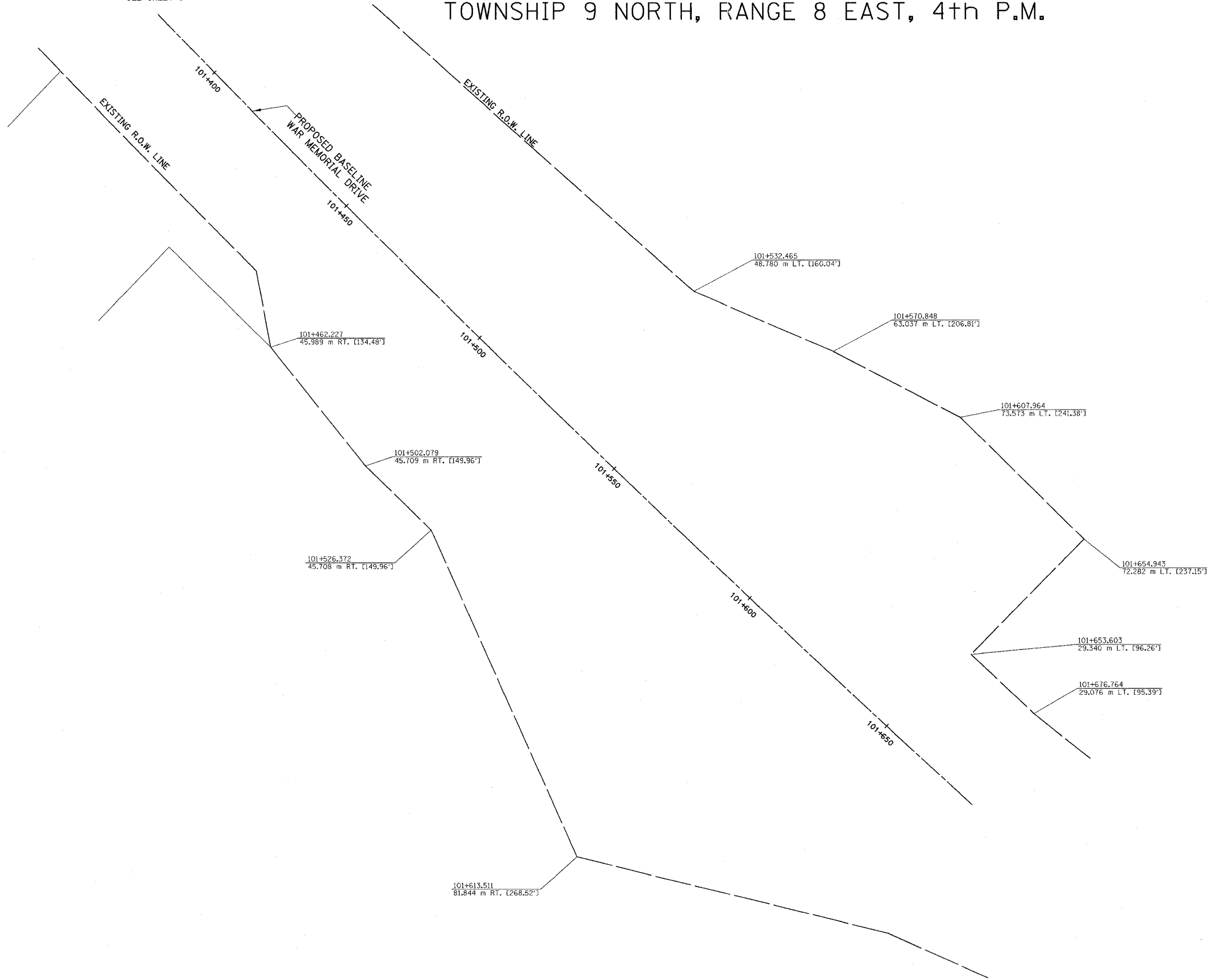
E. 1/4 COR.
SEC. 30
SET 5/8" REBAR

TOWNSHIP 9 NORTH, RANGE 8 EAST, 4th P.M.

SEE SHEET 5



PROPOSED
CURVE DATA
WAR MEMORIAL DR.
P.I. = 100+736.837
Δ = 20°20'45"
R = 5374.661 m [17633.37']
T = 964.437 m [3164.16']
L = 1908.563 m [6261.68']
E = 85.845 m [281.64']
P.C. = 99+772.400
P.T. = 101+680.963



APPROVED BY _____ DISTRICT ENGINEER
DATE _____

DRAWN BY _____
WRITTEN BY _____
CHECKED BY _____
INSPECTED BY _____

NOTES:
SURVEYED IN METRIC, DIMENSIONS
SHOWN IN ENGLISH HAVE BEEN
CONVERTED (1 METER = 3.28083333')
METRIC DIMENSIONS AND AREAS
SHALL CONTROL.
() ENGLISH EQUIVALENT
() RECORD DATA

NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE
COORDINATES, WEST ZONE. THE PROJECT COMBINATION
FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS
WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED
ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES.
ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING
"GRID" COORDINATES.

RIGHT OF WAY PLANS	
F.A.I. ROUTE 74	
CATALOG NO.	031087-00
SECTION	(72-8)R-1.72(9.9-1)R
STATION	101+400 TO 101+681
JOB. NO.	R-94-015-98 COUNTY PEORIA
SCALE	1 : 500 SHEET 327 OF 1360

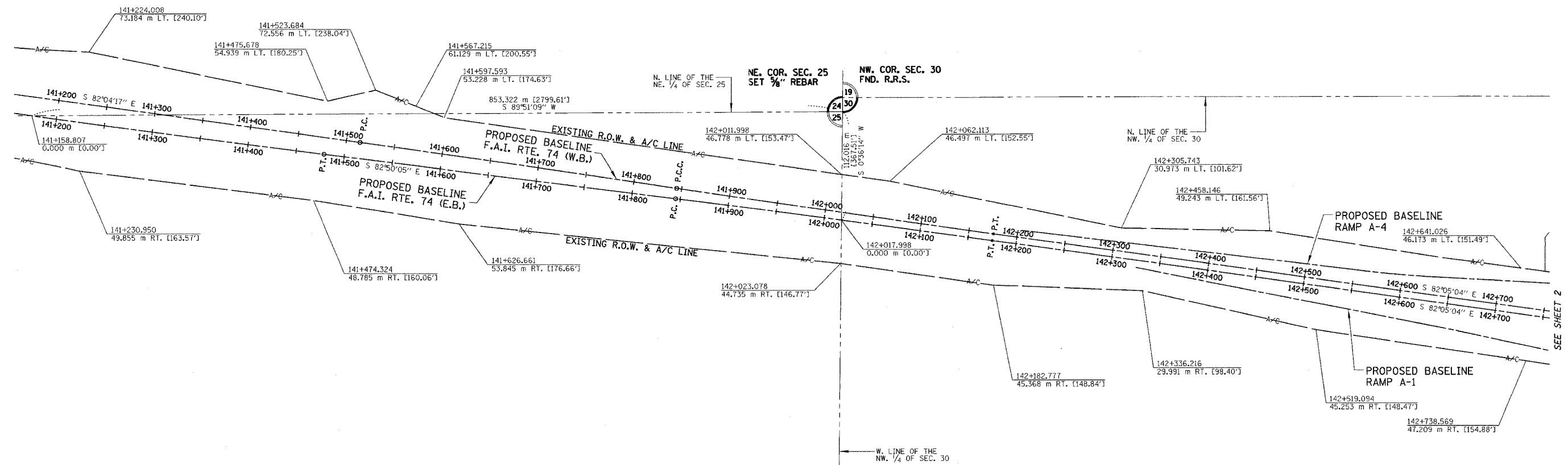
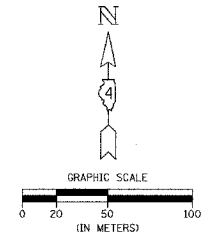
APPROVED BY _____ DISTRICT ENGINEER
DATE _____

PROPOSED CURVE DATA
RTE. 74 (W.B.)
P.I. = 141+679.491
 $\Delta = 0^{\circ}34'29''$
R = 32960.587 m [108138.19']
T = 165.305 m [542.34']
L = 330.607 m [1084.67']
E = 0.415 m [1.362']
P.C. = 141+514.186
P.C.C. = 141+844.793

PROPOSED CURVE DATA
RTE. 74 (W.B.)
P.I. = 142+010.158
 $\Delta = 0^{\circ}35'16''$
R = 32238.192 m [105768.13']
T = 165.365 m [542.54']
L = 330.727 m [1085.06']
E = 0.424 m [1.39']
P.C.C. = 141+844.793
P.T. = 142+175.520

PROPOSED CURVE DATA
RTE. 74 (E.B.)
P.I. = 141+314.028
 $\Delta = 0^{\circ}45'47''$
R = 24779.445 m [81297.23']
T = 165.015 m [541.39']
L = 330.025 m [1082.76']
E = 0.549 m [1.80']
P.C. = 141+149.013
P.T. = 141+479.039

PROPOSED CURVE DATA
RTE. 74 (E.B.)
P.I. = 142+010.199
 $\Delta = 0^{\circ}45'00''$
R = 25211.871 m [82715.95']
T = 165.014 m [541.38']
L = 330.023 m [1082.75']
E = 0.540 m [1.77']
P.C. = 141+845.185
P.T. = 142+175.209



DRAWN BY _____
WRITTEN BY _____
CHECKED BY _____
INSPECTED BY _____

NOTES:
SURVEYED IN METRIC, DIMENSIONS SHOWN IN ENGLISH HAVE BEEN CONVERTED (1 METER = 3.28083333') METRIC DIMENSIONS AND AREAS SHALL CONTROL.
() ENGLISH EQUIVALENT
() RECORD DATA

NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE COORDINATES, WEST ZONE. THE PROJECT COMBINATION FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES. ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING "GRID" COORDINATES.

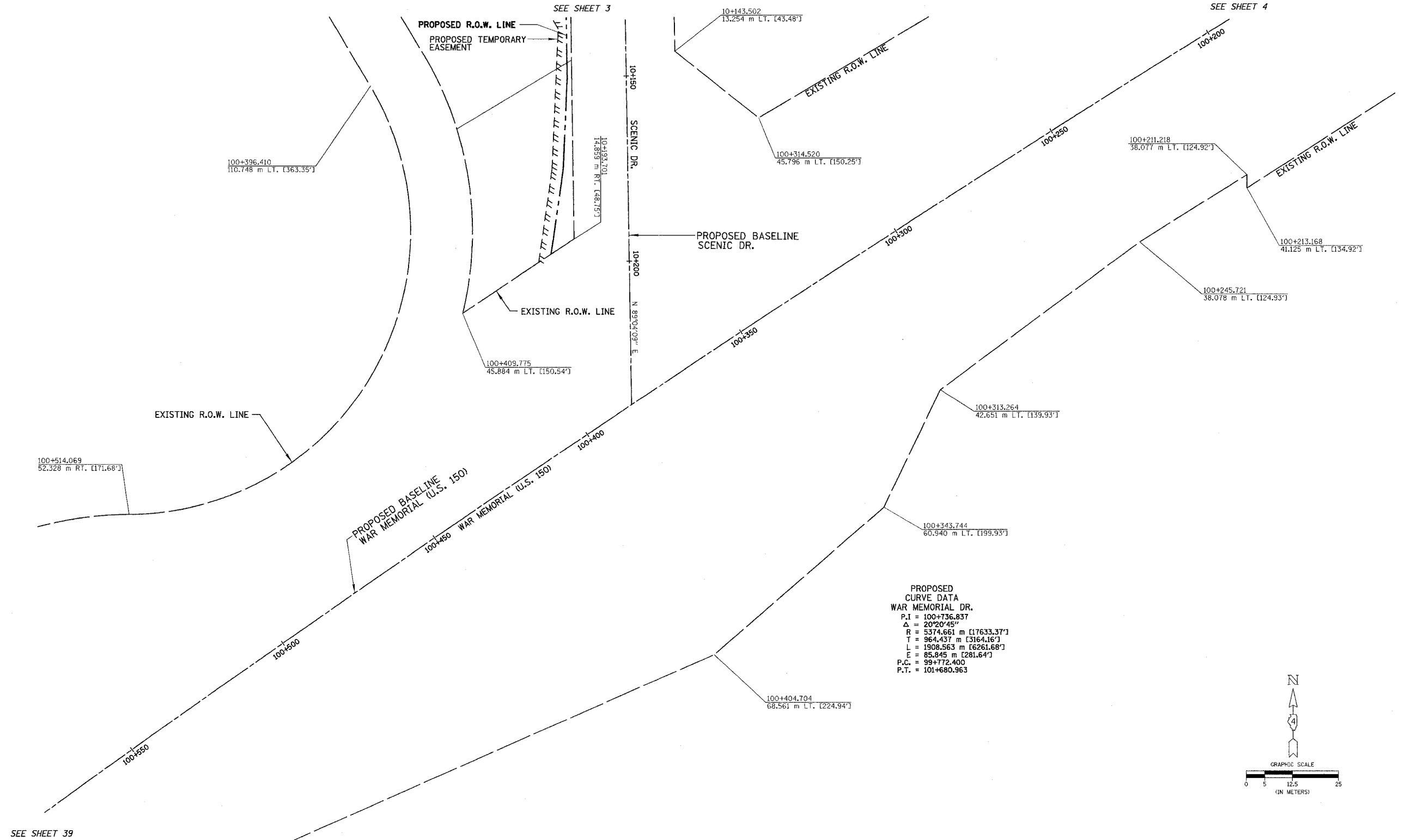
NOTE: STATION OFFSETS SHOWN FROM F.A.I. RTE. 74 ARE FROM THE (E.B.) BASELINE.

RIGHT OF WAY PLANS	
F.A.I. ROUTE 74	
CATALOG NO.	031087-00
SECTION	(72-8)R-1,72(9,9-1)R
STATION	141+200 TO 142+750
JOB. NO.	R-94-015-98 COUNTY PEORIA
SCALE	1 : 2000 SHEET 328 OF 360

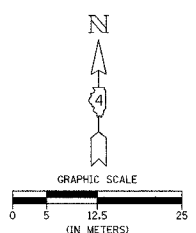
SEE SHEET 2

TOWNSHIP 9 NORTH, RANGE 8 EAST, 4th P.M.

APPROVED BY _____ DISTRICT ENGINEER
DATE _____



PROPOSED CURVE DATA
WAR MEMORIAL DR.
 P.I. = 100+736.837
 Δ = 20°20'45"
 R = 5374.661 m [17633.37']
 T = 964.437 m [3164.16']
 L = 1908.563 m [6261.68']
 E = 85.845 m [281.64']
 P.C. = 99+772.400
 P.T. = 101+680.963



DRAWN BY _____
 WRITTEN BY _____
 CHECKED BY _____
 INSPECTED BY _____

NOTES:
 SURVEYED IN METRIC, DIMENSIONS SHOWN IN ENGLISH HAVE BEEN CONVERTED (1 METER = 3.28083333') METRIC DIMENSIONS AND AREAS SHALL CONTROL.
 () ENGLISH EQUIVALENT
 () RECORD DATA

NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE COORDINATES, WEST ZONE. THE PROJECT COMBINATION FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES. ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING "GRID" COORDINATES.

NOTE: STATION OFFSETS SHOWN FROM THE PROPOSED BASELINE OF WAR MEMORIAL DR. & SCENIC DR.

RIGHT OF WAY PLANS
F.A.I. ROUTE 74

CATALOG NO. 031087-00

SECTION (72-8)R-1.72(9.9-1)R

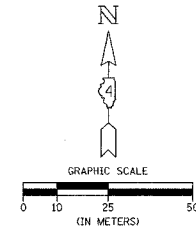
STATION 100+200 TO 100+550

JOB. NO. R-94-015-98 COUNTY PEORIA

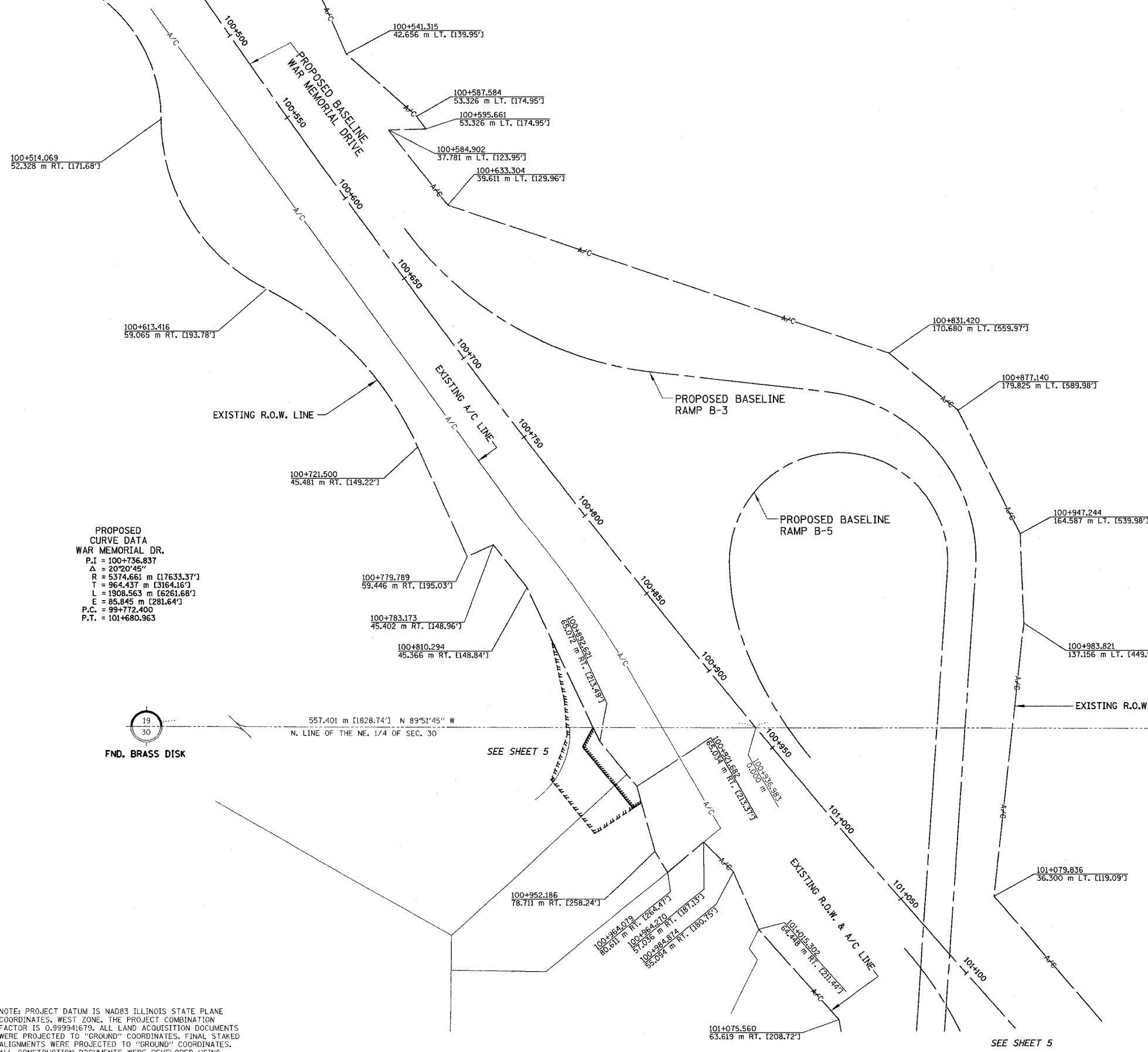
SCALE 1 : 500 SHEET 36 OF 1360

TOWNSHIP 9 NORTH, RANGE 8 EAST, 4th P.M.

SEE SHEET 36



APPROVED BY _____ DISTRICT ENGINEER
DATE _____



**PROPOSED CURVE DATA
WAR MEMORIAL DR.**
 P.I. = 100+736.837
 Δ = 20°20'45"
 R = 5374.661 m [17633.37']
 T = 964.437 m [3164.16']
 L = 1908.563 m [6261.68']
 E = 85.845 m [281.64']
 P.C. = 99+772.400
 P.T. = 101+680.963

19
30
FND. BRASS DISK
 557.401 m [1828.74'] N 89°51'45" W
 N. LINE OF THE NE. 1/4 OF SEC. 30

DRAWN BY _____
 WRITTEN BY _____
 CHECKED BY _____
 INSPECTED BY _____

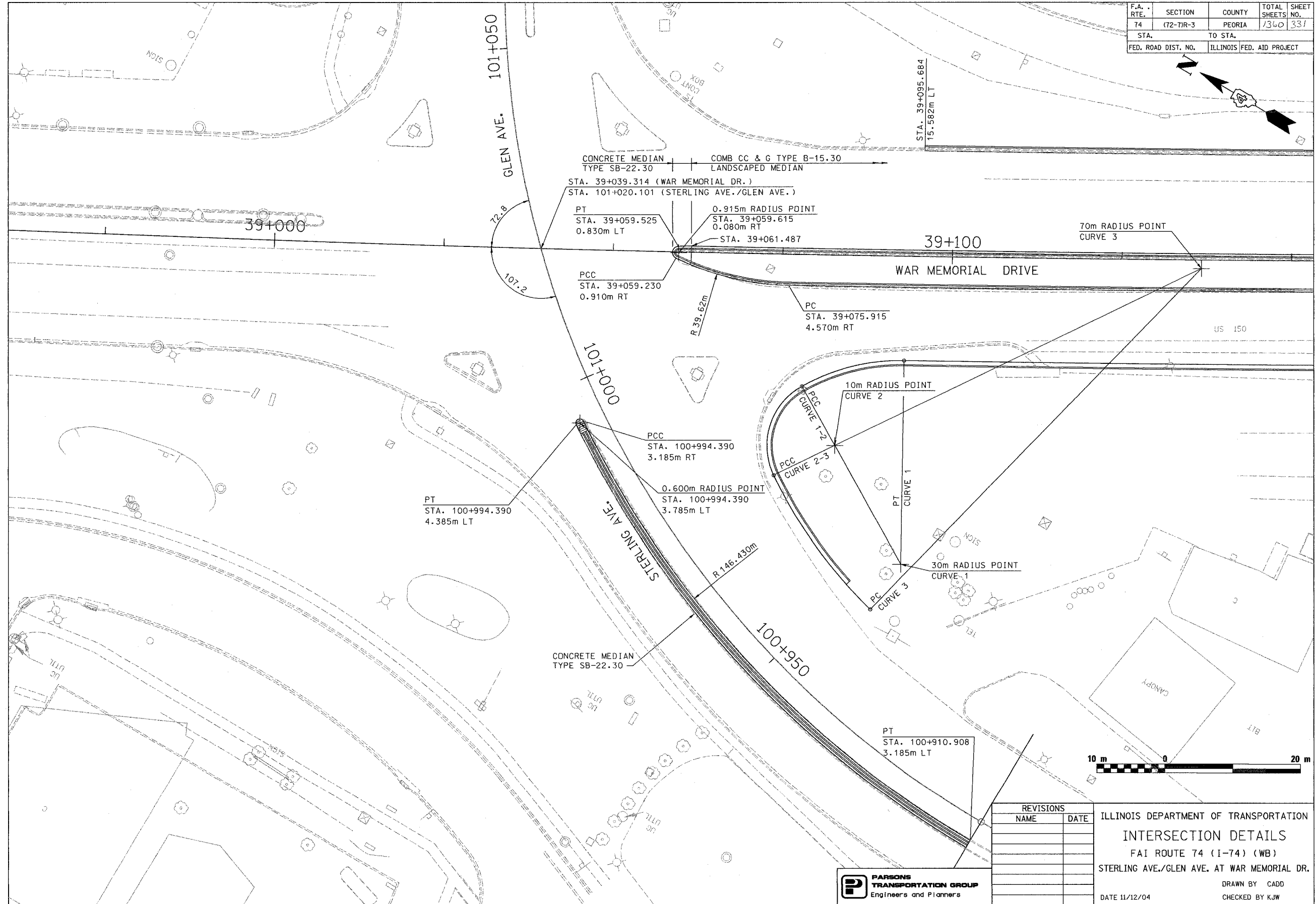
NOTES:
 SURVEYED IN METRIC, DIMENSIONS SHOWN IN ENGLISH HAVE BEEN CONVERTED (1 METER = 3.28083333') METRIC DIMENSIONS AND AREAS SHALL CONTROL.
 () ENGLISH EQUIVALENT
 () RECORD DATA

NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE COORDINATES, WEST ZONE. THE PROJECT COMBINATION FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES. ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING "GRID" COORDINATES.

NOTE: STATION OFFSETS SHOWN FROM THE PROPOSED BASELINE OF WAR MEMORIAL DR.

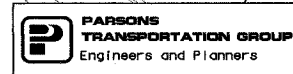
RIGHT OF WAY PLANS F.A.I. ROUTE 74	
CATALOG NO.	031087-00
SECTION	(72-8)R-1.72(9.9-1)R
STATION	100+500 TO 101+100
JOB. NO.	R-94-015-98 COUNTY PEORIA
SCALE	1 : 1000 SHEET 39 OF 1360

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	331
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

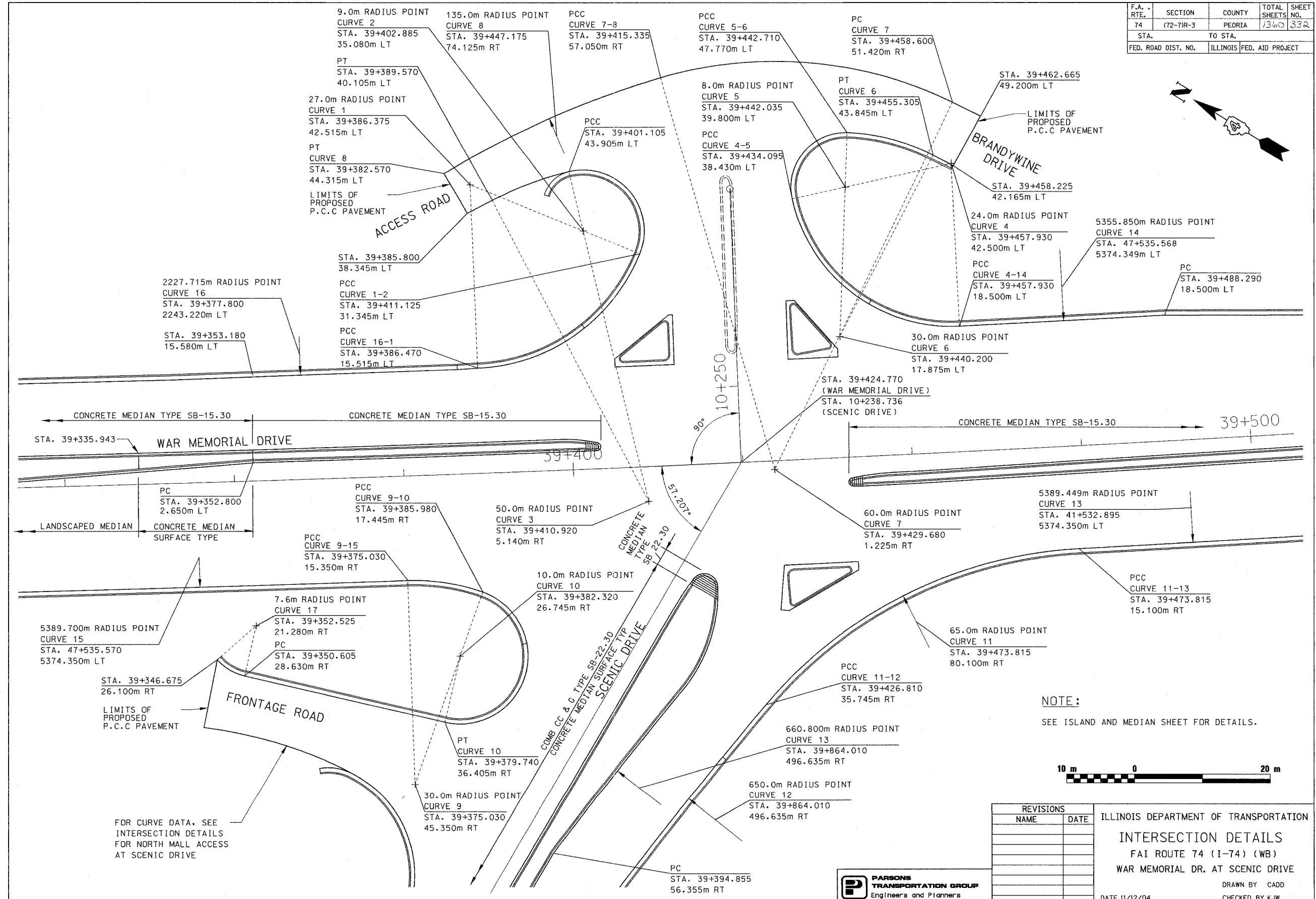


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAILS
 FAI ROUTE 74 (I-74) (WB)
 STERLING AVE./GLEN AVE. AT WAR MEMORIAL DR.
 DRAWN BY CADD
 DATE 11/12/04
 CHECKED BY KJW



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
74	(72-71R-3)	PEORIA	1360	332
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

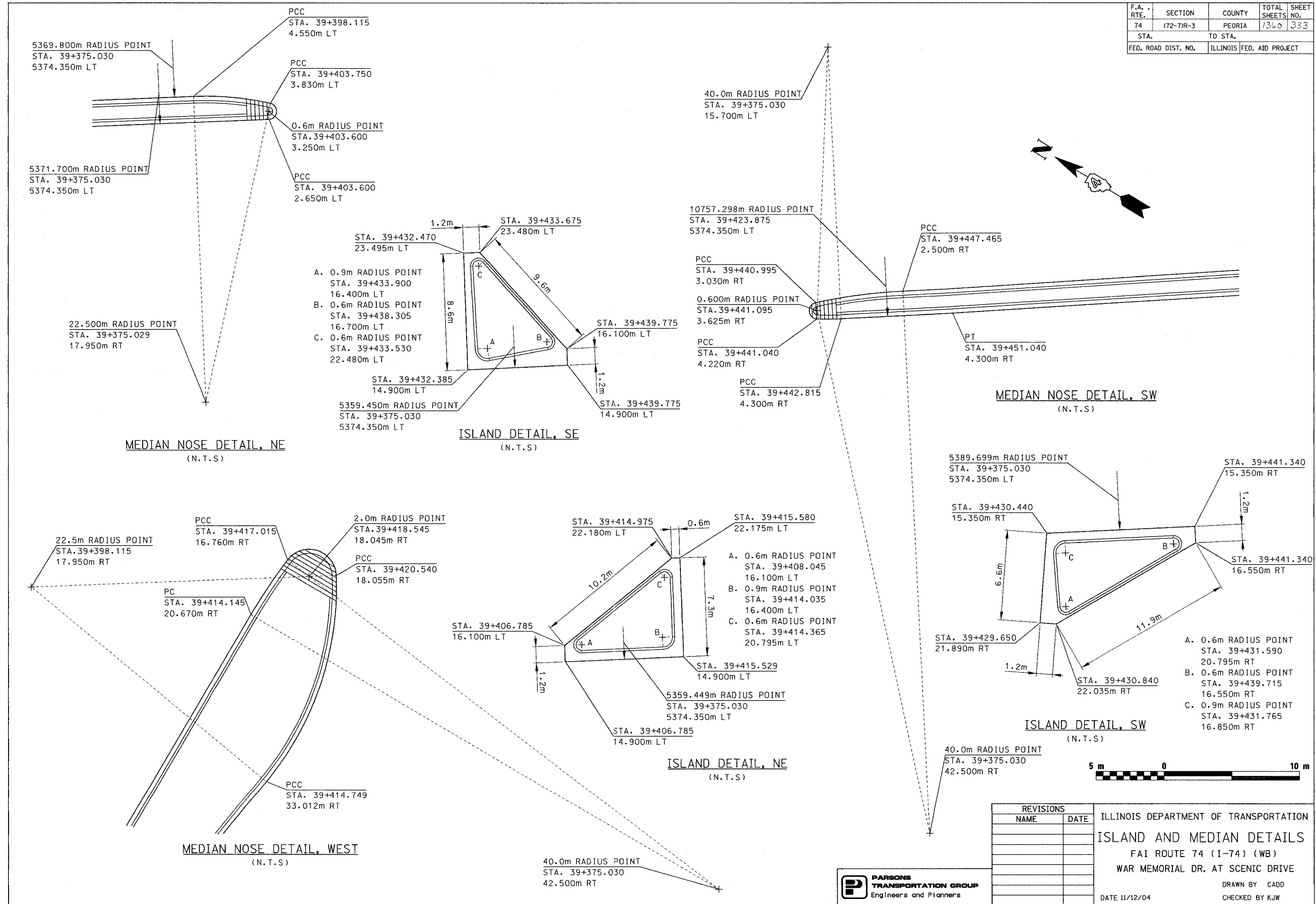


REVISIONS	
NAME	DATE

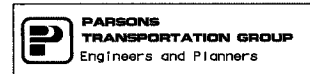
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS
 FAI ROUTE 74 (I-74) (WB)
 WAR MEMORIAL DR. AT SCENIC DRIVE
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	333
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



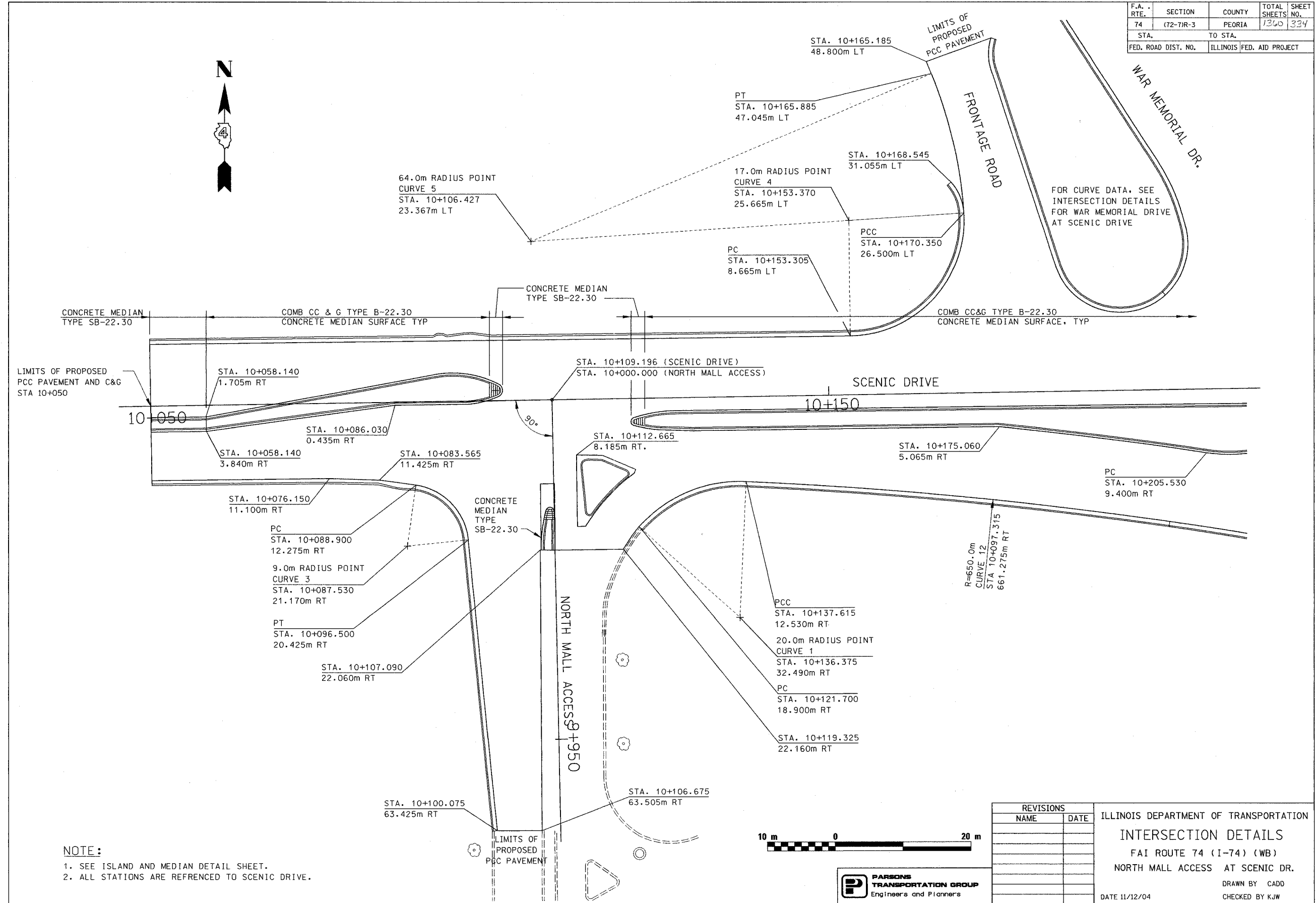
P:\643996\CIVIL\SHWB\ID00SCg-IAWM.DGN



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ISLAND AND MEDIAN DETAILS
 FAI ROUTE 74 (I-74) (WB)
 WAR MEMORIAL DR. AT SCENIC DRIVE
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1340	334
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LIMITS OF PROPOSED PCC PAVEMENT AND C&G STA 10+050

NOTE:

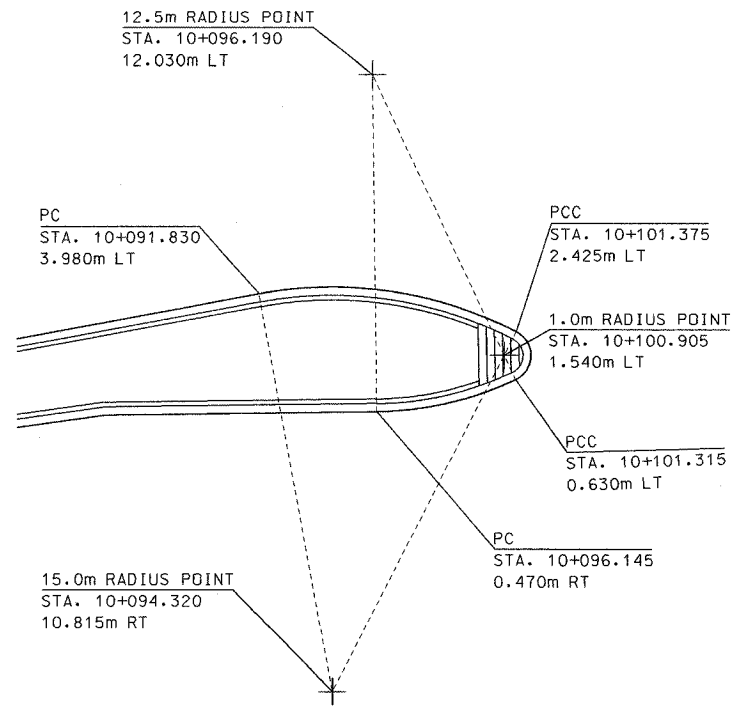
1. SEE ISLAND AND MEDIAN DETAIL SHEET.
2. ALL STATIONS ARE REFERENCED TO SCENIC DRIVE.



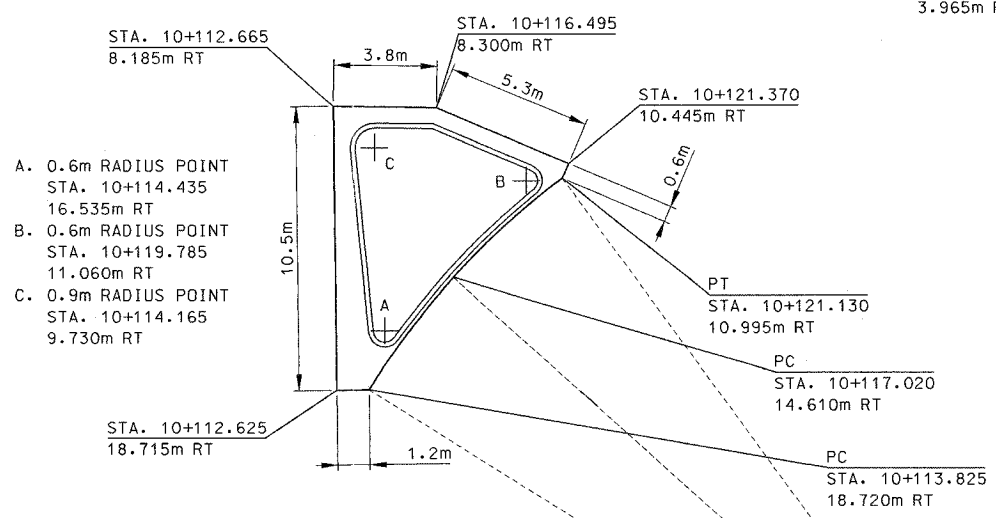
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS
 FAI ROUTE 74 (I-74) (WB)
 NORTH MALL ACCESS AT SCENIC DR.
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04

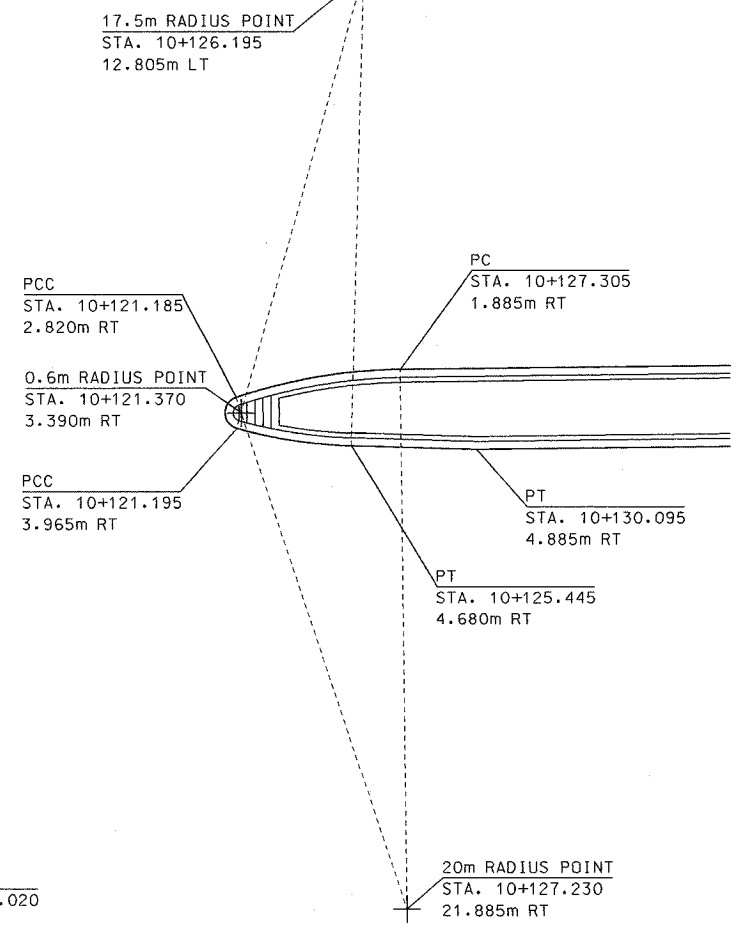
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	335
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



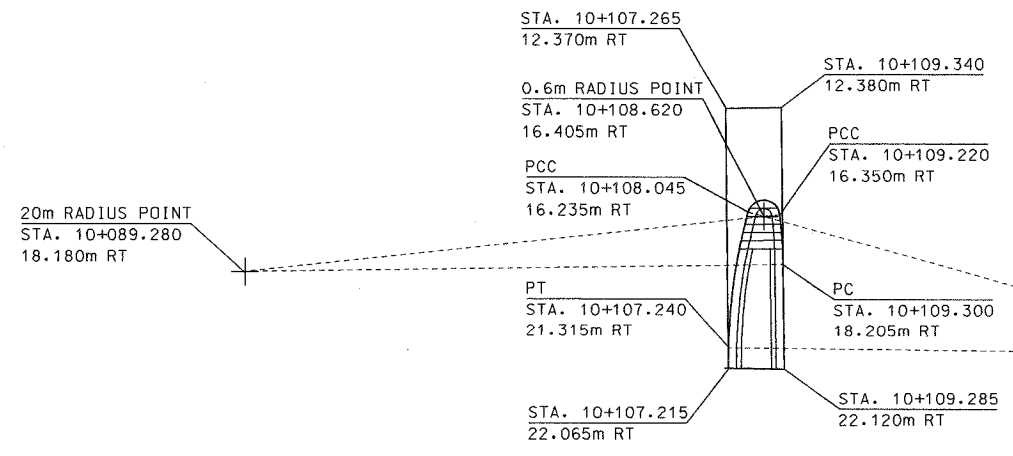
MEDIAN NOSE DETAIL, WEST
(N.T.S.)



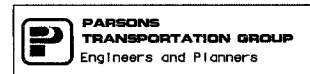
ISLAND DETAIL
(N.T.S.)



MEDIAN NOSE DETAIL, EAST
(N.T.S.)



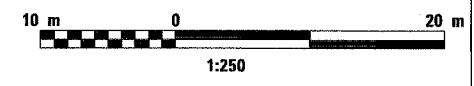
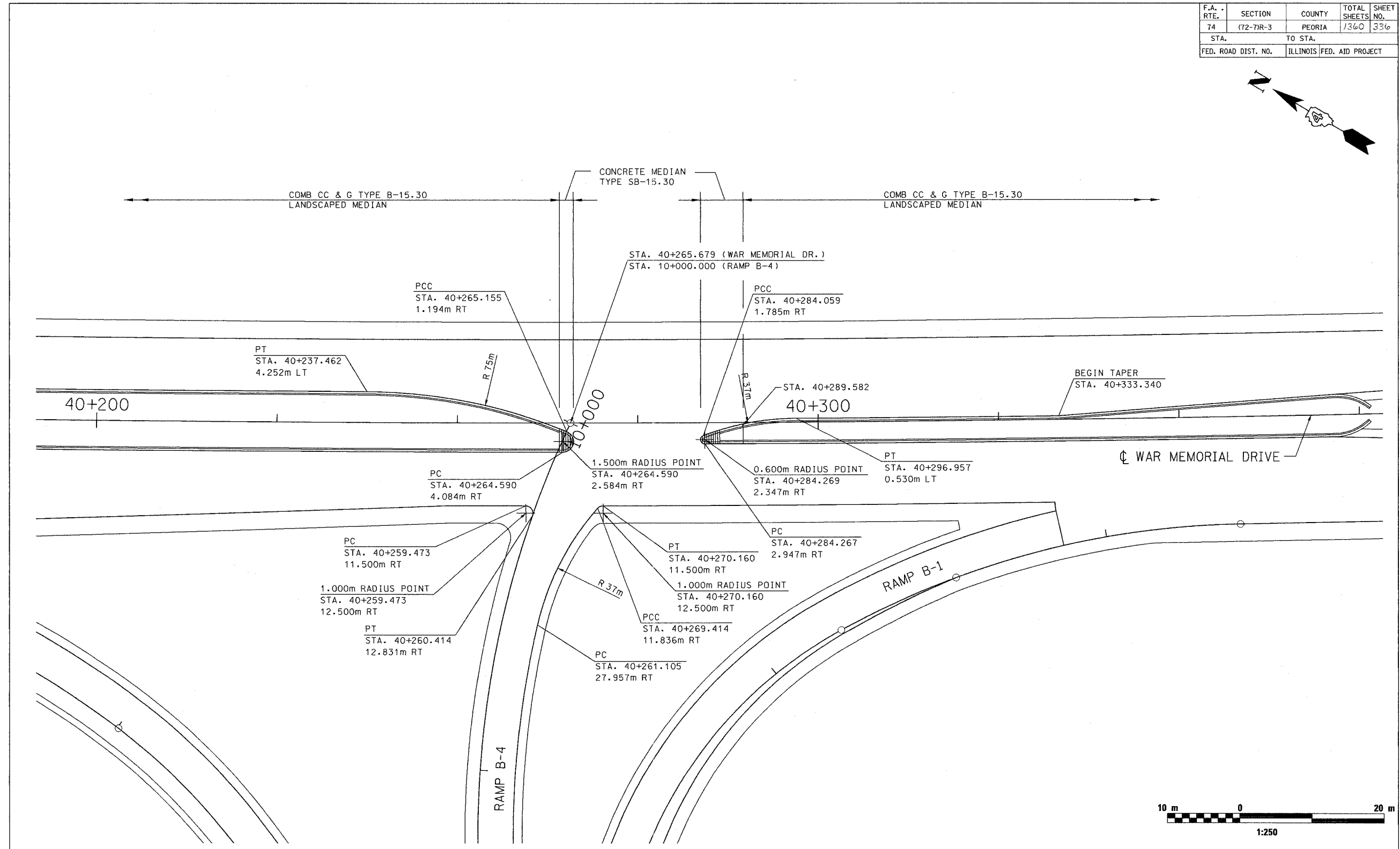
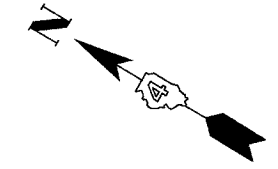
MEDIAN NOSE DETAIL, SOUTH
(N.T.S.)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ISLAND AND MEDIAN DETAILS
FAI ROUTE 74 (I-74) (WB)
NORTH MALL ACCESS AT SCENIC DRIVE
DRAWN BY CADD
CHECKED BY KJW
DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	336
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS
 FAI ROUTE 74 (I-74) (WB)
 RAMP B-4 AT WAR MEMORIAL DR.
 DRAWN BY CADD
 CHECKED BY MWP
 DATE 11/12/04



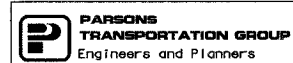
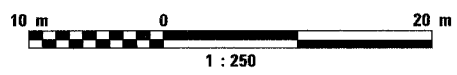
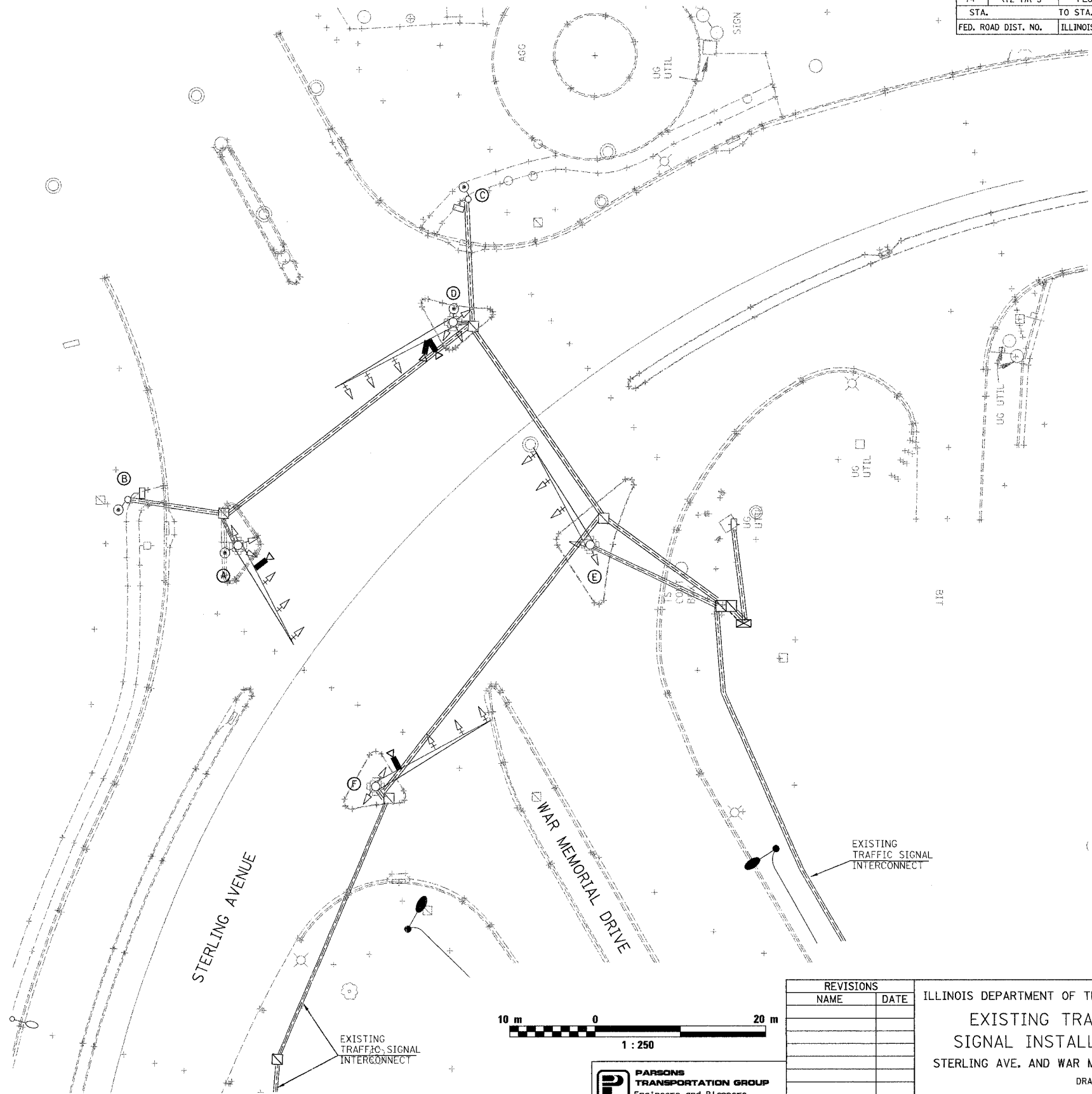
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	337
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL		
HANDHOLE		
DOUBLE HANDHOLE		
PVC CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
VIDEO CAMERA ASSEMBLY		
400 WATT, HPS, MC-III LUMINAIRE		

SCHEDULE OF SIGNAL HEAD LED RETROFIT QUANTITIES

TOTAL QUANTITY	UNIT	ITEM
14	EACH	RED BALL
14	EACH	GREEN BALL
2	EACH	WALK/DON'T WALK
14	EACH	YELLOW BALL
8	EACH	YELLOW ARROW
14	EACH	GREEN ARROW
8	EACH	RED ARROW



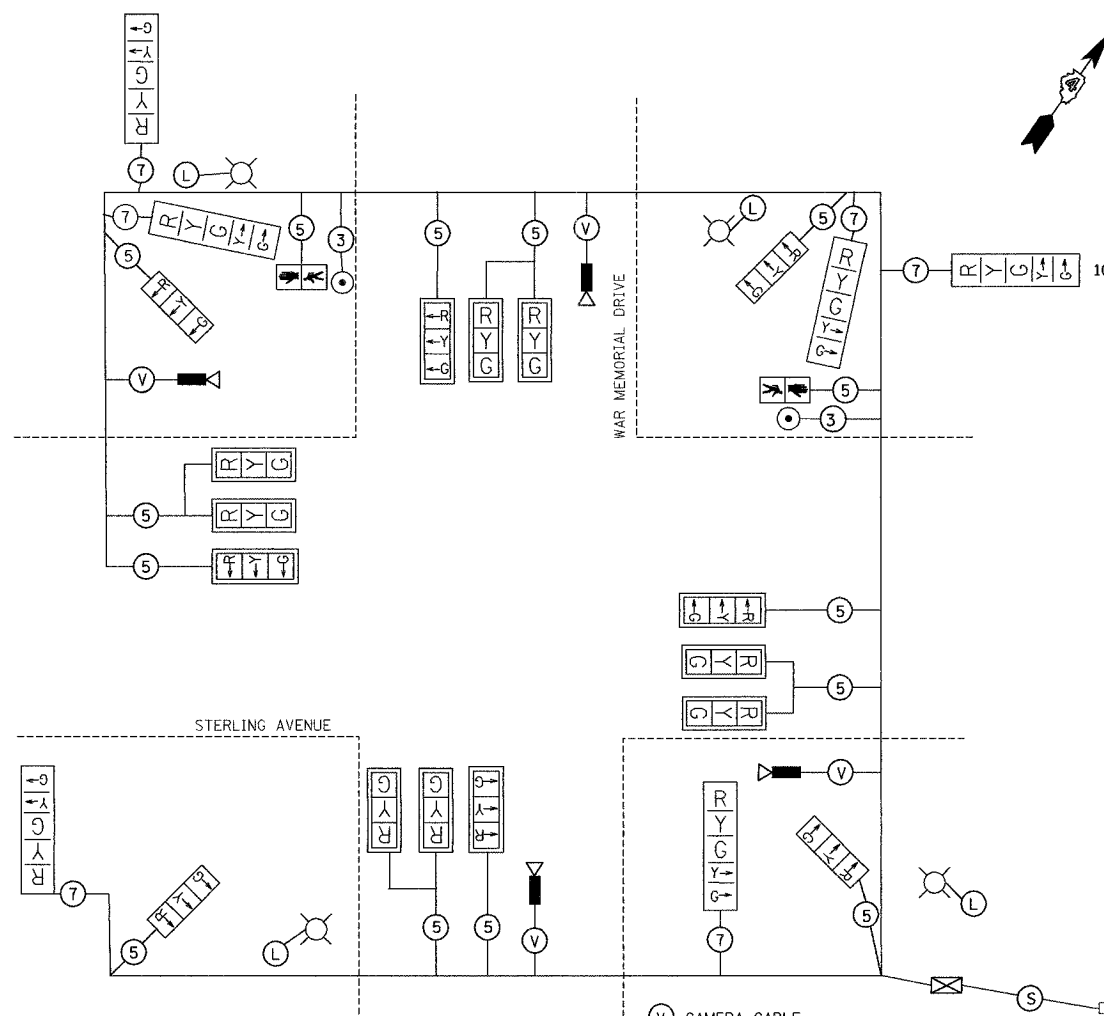
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TRAFFIC SIGNAL INSTALLATION
 STERLING AVE. AND WAR MEMORIAL DR.
 DRAWN BY JJS
 CHECKED BY GCV
 DATE 11/12/04



PROPOSED TRAFFIC SIGNALS LEGEND

- CABLE CONDUCTORS (ALL CABLES NO. 14, EXCEPT AS INDICATED)
- ←Y LEFT TURN YELLOW
- ←G LEFT TURN GREEN
- PED PUSH BUTTON
- VIDEO DETECTION CAMERA
- ⊠ TRAFFIC CONTROLLER
- EXISTING SERVICE INSTALLATION
- PROPOSED SERVICE INSTALLATION
- ↓ WALK/DON'T WALK SECTION
- RYG TRAFFIC SIGNAL W/BACKPLATE
- ⊗ EXISTING STREET LIGHTING LUMINAIRE
- Ⓛ LUMINAIRE CABLES (SEE LIGHTING PLANS FOR LIGHTING CABLING)
- Ⓢ SERVICE CABLES (600V XLP-TYPE USE 3-1/C NO.6)

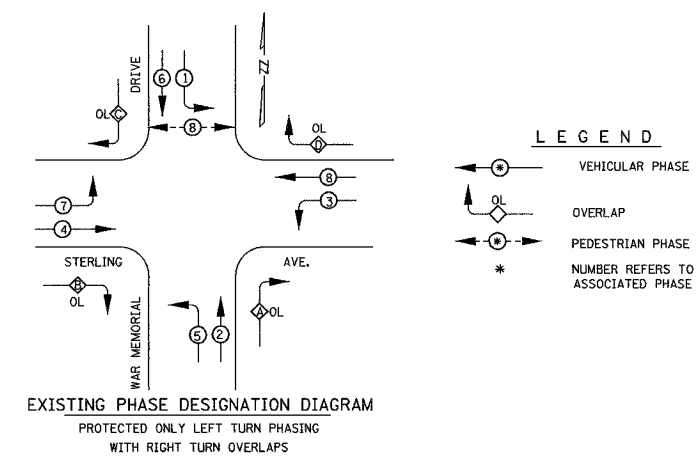


CABLE PLAN

Ⓢ CAMERA CABLE
 6 PAIRS, TWISTED REQUIRED
 3 PAIRS CONDUCTOR FOR POWER - 24VAC(AC+,AC-,GND)
 1 PAIR DATA
 1 PAIR COMPOSITE VIDEO
 1 PAIR DETECTOR DATA
 OVERALL SHIELD
 MINIMUM 16AWG (PAIRS)
 (TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)

SCHEDULE OF QUANTITIES

DESCRIPTION	UNITS	Sterling
LED SIGNAL FACE RETROFIT, RED BALL	EACH	14
LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	14
LED SIGNAL FACE RETROFIT, WALK/DON'T WALK SPECIAL	EACH	2
LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	14
LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	14
LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	14
LED SIGNAL FACE RETROFIT, RED ARROW	EACH	8
VIDEO VEHICLE DETECTION SYSTEM (4 CAMERA)	LSUM	1
BATTERY BACKUP SYSTEM WITH CABINET	LSUM	1



EXISTING PHASE DESIGNATION DIAGRAM
 PROTECTED ONLY LEFT TURN PHASING
 WITH RIGHT TURN OVERLAPS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	338
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		








REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION EXISTING CABLE DIAGRAM STERLING AVE. AND WAR MEMORIAL DR.
NAME	DATE	
		DRAWN BY JUS CHECKED BY GCV DATE 11/12/04

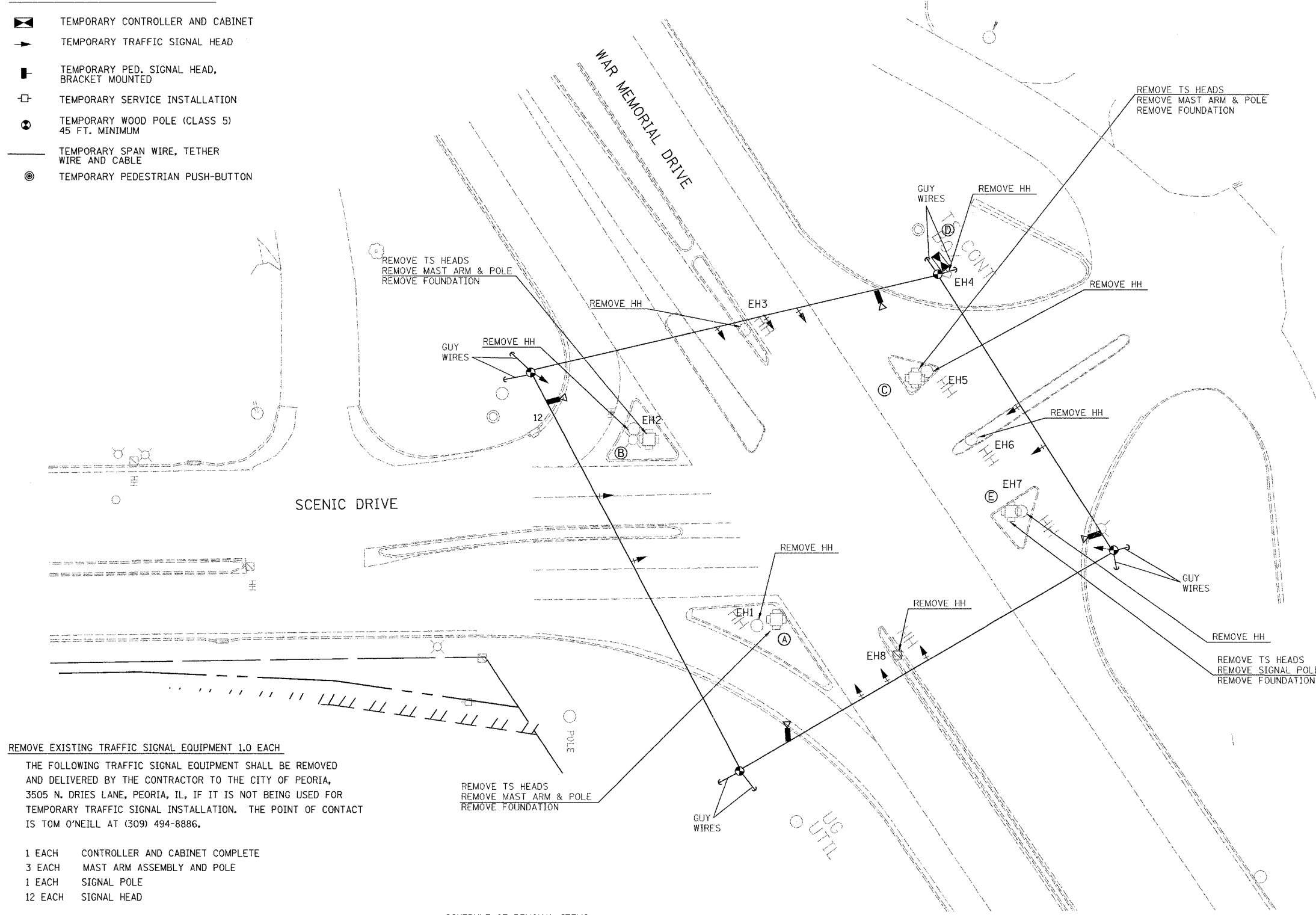


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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	339
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY TRAFFIC SIGNAL LEGEND

-  TEMPORARY CONTROLLER AND CABINET
-  TEMPORARY TRAFFIC SIGNAL HEAD
-  TEMPORARY PED. SIGNAL HEAD, BRACKET MOUNTED
-  TEMPORARY SERVICE INSTALLATION
-  TEMPORARY WOOD POLE (CLASS 5) 45 FT. MINIMUM
-  TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
-  TEMPORARY PEDESTRIAN PUSH-BUTTON



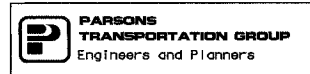
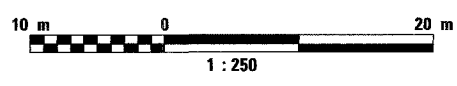
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1.0 EACH
 THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF PEORIA, 3505 N. DRIES LANE, PEORIA, IL, IF IT IS NOT BEING USED FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE POINT OF CONTACT IS TOM O'NEILL AT (309) 494-8886.

- 1 EACH CONTROLLER AND CABINET COMPLETE
- 3 EACH MAST ARM ASSEMBLY AND POLE
- 1 EACH SIGNAL POLE
- 12 EACH SIGNAL HEAD

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

- 1 EACH SERVICE INSTALLATION
- ALL WIRE

SCHEDULE OF REMOVAL ITEMS		
ITEM	LOCATION	QTY
REMOVE EXISTING CONCRETE FOUNDATION	A, B, C, D, E	5.0
REMOVE EXISTING HANDHOLE	EH1, EH2, EH3, EH4, EH5, EH6, EH7, EH8	8.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	SCENIC DRIVE	1.0



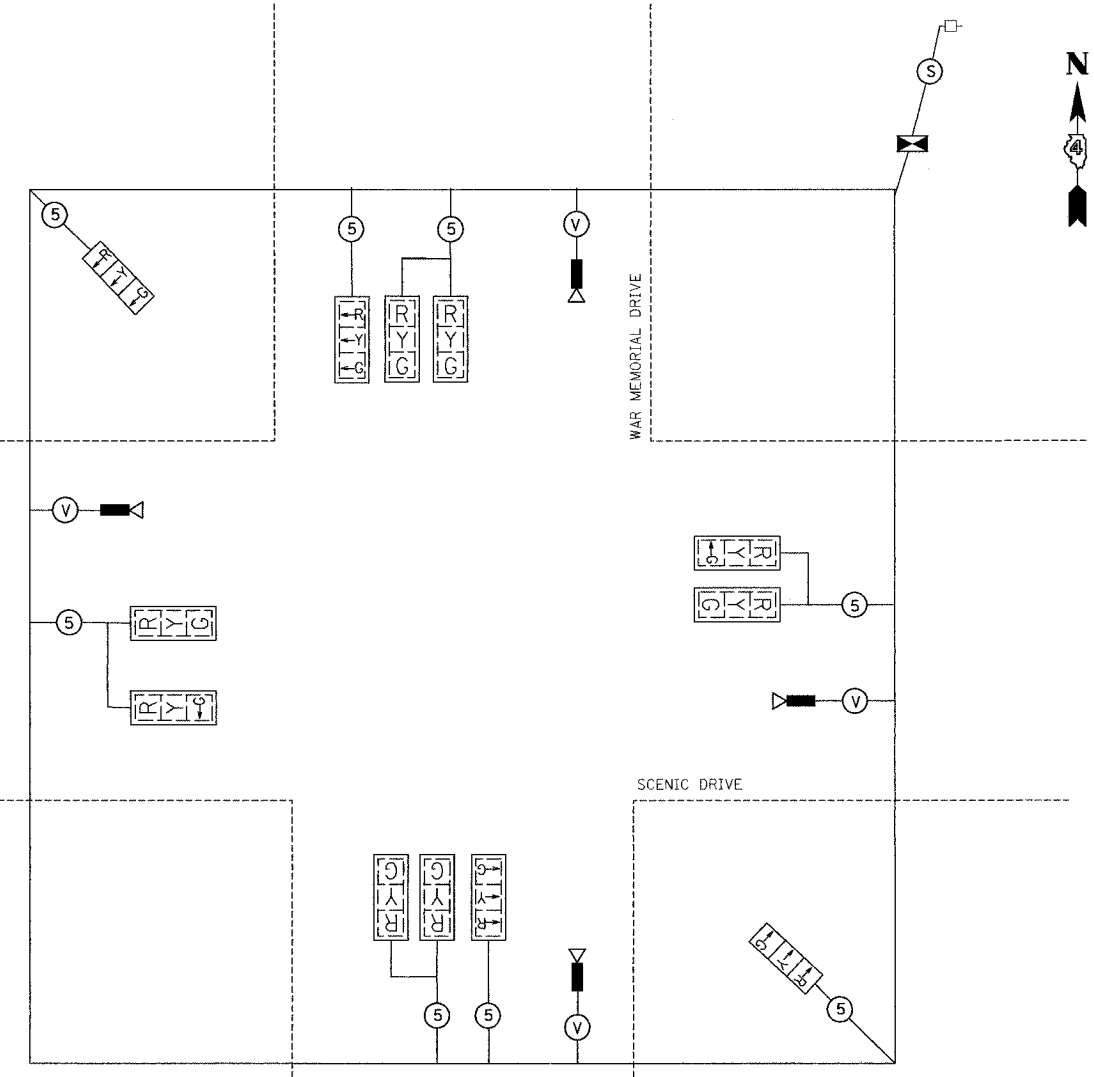
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMP. SIGNAL INSTALLATION
 REMOVE EXISTING TRAFFIC EQUIPMENT
 SCENIC DRIVE AND WAR MEMORIAL DRIVE
 DRAWN BY JJS
 DATE 11/12/04
 CHECKED BY GCV

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	340
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY CABLE DIAGRAM LEGEND

- ⊙ PROPOSED CABLE NUMBER
* = CABLE NUMBER
- ←Y LEFT TURN YELLOW
- ←G LEFT TURN GREEN
- ⊙ TEMPORARY PED PUSH BUTTON
- ▶ VIDEO DETECTION CAMERA
- ▶ TEMPORARY TRAFFIC CONTROLLER
- TEMPORARY SERVICE INSTALLATION
- ▶ TEMPORARY WALK/DON'T WALK PEDESTRIAN HEAD
- RYG TEMPORARY TRAFFIC SIGNAL HEAD W/BACKPLATE



TEMPORARY CABLE PLAN

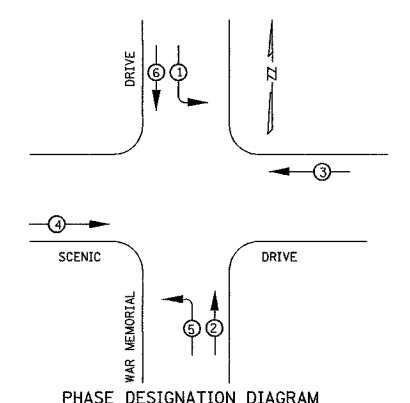
SCHEDULE OF QUANTITIES

DESCRIPTION	UNITS	SCENIC
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING HANDHOLE	EACH	8.0
REMOVE EXISTING FOUNDATION	EACH	5.0

- Ⓟ CAMERA CABLE
- 6 PAIRS, TWISTED REQUIRED
- 3 PAIRS CONDUCTOR FOR POWER
- 24VAC(AC+, AC-, GND)
- 1 PAIR DATA
- 1 PAIR COMPOSITE VIDEO
- 1 PAIR DETECTOR DATA
- OVERALL SHIELD
- MINIMUM 16AWG (PAIRS)
- (TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)

TEMPORARY CONSTRUCTION NOTES:

- T1. THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE SPAN WIRE MOUNTED TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL AND PEDESTRIAN HEADS, CONDUIT, PUSHBUTTONS, CONTROLLER AND CABINET AND ALL OTHER PERIPHERAL EQUIPMENT.
- T2. ALL CONTROL EQUIPMENT FOR THE TEMPORARY TRAFFIC CONTROL SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- T3. THE CONTROLLER FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE A FULLY ACTUATED NEMA MICROPROCESSOR BASED, CAPABLE OF SUPPLYING 225 SECONDS OF CYCLE LENGTH AND INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS. IF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION WILL BE EQUIPPED WITH VIDEO DETECTION, THE CONTROLLER SHALL BE A NEMA TS-2 TYPE 2 CONTROLLER EQUIPPED WITH A SOLC PORT FOR COMMUNICATION WITH THE VIDEO DETECTION SYSTEM. IF THE CONTRACTOR DOES NOT HAVE A TS2 CONTROLLER, THE CITY OF PEORIA WILL FURNISH ONE FOR USE WITH THE TEMPORARY TRAFFIC INSTALLATION.
- T4. ALL TRAFFIC SIGNAL EQUIPMENT SCHEDULED FOR REMOVAL CAN BE USED FOR TEMPORARY TRAFFIC SIGNALS. ANY MAINTENANCE OF THIS EQUIPMENT WHEN USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EQUIPMENT SHALL BE DELIVERED IN GOOD WORKING CONDITION UPON REMOVAL OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- T5. THE PROPOSED VIDEO DETECTION SYSTEM SHALL BE USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR SHALL TRANSFER ALL VIDEO DETECTION COMPONENTS TO THE PROPOSED SIGNAL INSTALLATION AND SHALL BE RESPONSIBLE FOR ALL MAINTENANCE OF THE EQUIPMENT.
- T6. ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 300 MM (12") LENSES.
- T7. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- T8. THE CONTRACTOR SHALL FURNISH ENOUGH SLACK CABLE TO RELOCATE THE HEADS TO ANY POSITION REQUIRED FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
- T9. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- T10. THE SPAN WIRE MOUNTED TEMPORARY SIGNAL HEADS SHALL MAINTAIN AN UNIFORM 5.5 METER (18') CLEARANCE OVER THE ROADWAY.
- T11. ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



PHASE DESIGNATION DIAGRAM
PROTECTED LEFT TURN PHASING
SPLIT PHASING ON SCENIC DRIVE

- LEGEND
- ⊙ VEHICULAR PHASE
 - ⊙ OL OVERLAP
 - ⊙ PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PROPOSED TEMPORARY
 CABLE DIAGRAM**
 SCENIC DRIVE AND WAR MEMORIAL DRIVE
 DRAWN BY JJS
 CHECKED BY GCV
 DATE 11/12/04



TRAFFIC SIGNAL LEGEND

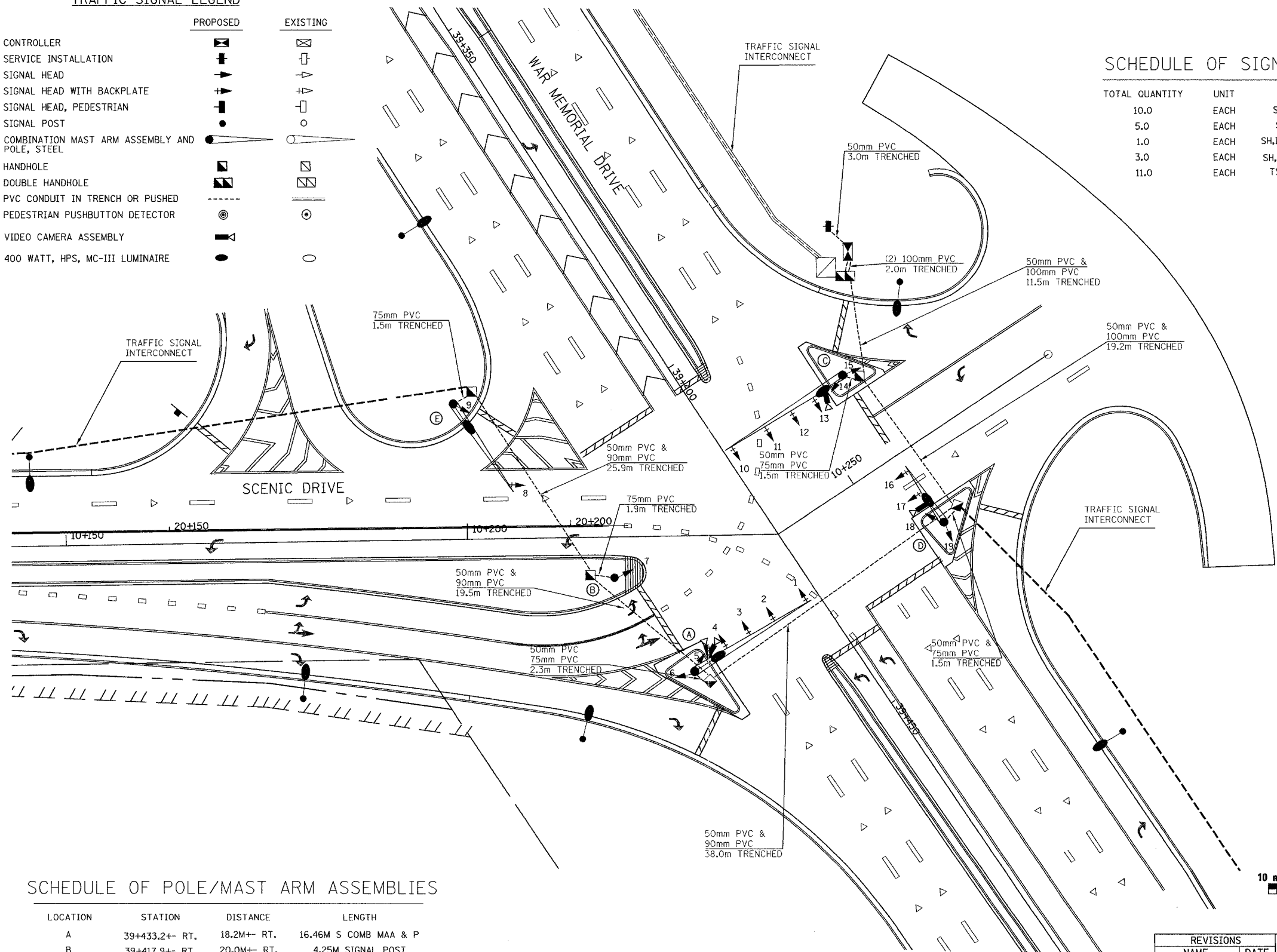
	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL		
HANDHOLE		
DOUBLE HANDHOLE		
PVC CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
VIDEO CAMERA ASSEMBLY		
400 WATT, HPS, MC-III LUMINAIRE		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-TIR-3)	PEORIA	136	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCHEDULE OF SIGNAL HEAD QUANTITIES

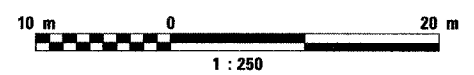
TOTAL QUANTITY	UNIT	ITEM	LOCATION
10.0	EACH	SH,IF,3S,MAM	1,2,3,4,8,10,11,12,13,16
5.0	EACH	SH,IF,3S,BM	5,7,9,14,18
1.0	EACH	SH,IF,4S(LEFT),MAM	17
3.0	EACH	SH,IF,5S(RIGHT),BM	6,15,19
11.0	EACH	TS BACKPLATE	1,2,3,4,8,10,11,12,13,16,17

NOTE: ALL LUMINAIRES AT THIS INTERSECTION SHALL BE SEMI-CUTOFF LUMINAIRES.



SCHEDULE OF POLE/MAST ARM ASSEMBLIES

LOCATION	STATION	DISTANCE	LENGTH
A	39+433.2+ RT.	18.2M+ RT.	16.46M S COMB MAA & P
B	39+417.9+ RT.	20.0M+ RT.	4.25M SIGNAL POST
C	39+412.7+ LT.	17.6M+ LT.	16.76M S COMB MAA & P
D	39+434.9+ LT.	17.9M+ LT.	7.92M S COMB MAA & P
E	39+389.0+ RT.	24.8M+ RT.	14.02M S COMB MAA & P



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNAL INSTALLATION
 SCENIC DRIVE AND WAR MEMORIAL DRIVE
 DRAWN BY JJS
 CHECKED BY GCV
 DATE 11/12/04



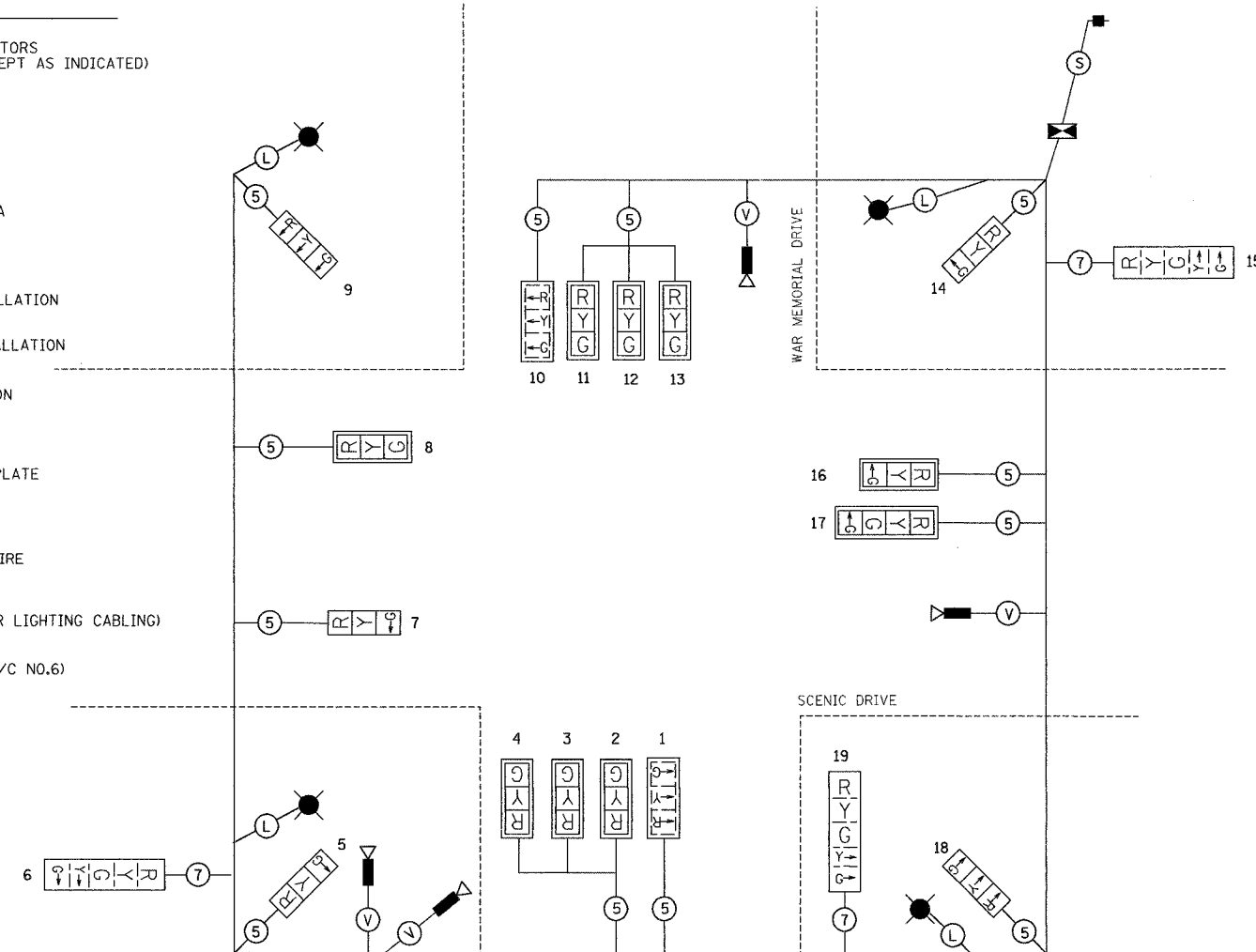
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	342
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROPOSED TRAFFIC SIGNALS LEGEND

- ⊙ PROPOSED CABLE CONDUCTORS (ALL CABLES NO. 14, EXCEPT AS INDICATED)
- ←Y LEFT TURN YELLOW
- ←G LEFT TURN GREEN
- ⊙ PED PUSH BUTTON
- 📷 VIDEO DETECTION CAMERA
- 🚦 TRAFFIC CONTROLLER
- ☐ EXISTING SERVICE INSTALLATION
- ⬛ PROPOSED SERVICE INSTALLATION
- 🚶 WALK/DON'T WALK SECTION
- RYG TRAFFIC SIGNAL W/BACKPLATE
- ☼ STREET LIGHTING LUMINAIRE
- L LUMINAIRE CABLES (SEE LIGHTING PLANS FOR LIGHTING CABLING)
- S SERVICE CABLES (600V XLP-TYPE USE 3-1/C NO.6)

CONSTRUCTION NOTES:

1. ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 300MM (12") SINGLE LED LENSES.
2. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 4.88 METER (16') MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
3. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
4. ALL TRAFFIC SIGNAL HEAD BRACKETS SHALL BE ALUMINUM, NATURAL FINISH, SCHEDULE 80.
5. ALL TRAFFIC SIGNAL POSTS AND BASES SHALL BE GALVANIZED STEEL.
6. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
7. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
8. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
9. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT PUSHED OR TRENCHED.
10. ARTICLE 815.03 (D) CALLS FOR CABLE MARKING TAPE TO BE INSTALLED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THIS REQUIREMENT IS WAIVED.
11. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
12. THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.
13. THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.
14. THE LOCATIONS FOR HANDHOLES AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
15. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
16. LUMINAIRES AND POLES SHALL BE REMOVED BY OTHERS.
17. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED AS EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
18. THE PROPOSED LIGHT STANDARD SHALL HAVE A 3.6 METER (12') DAVIT ARM.

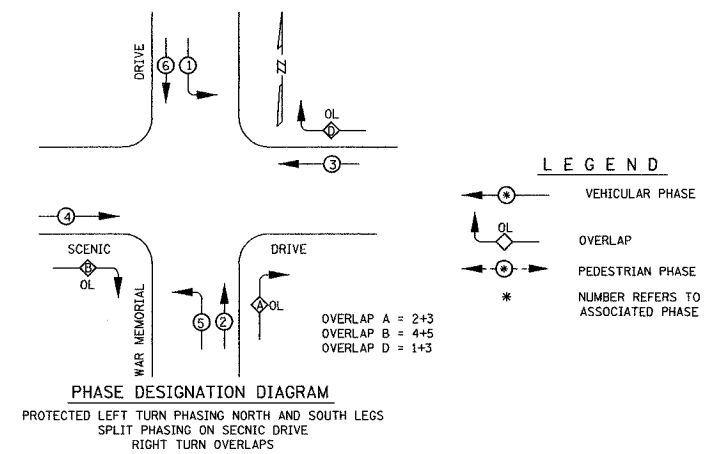
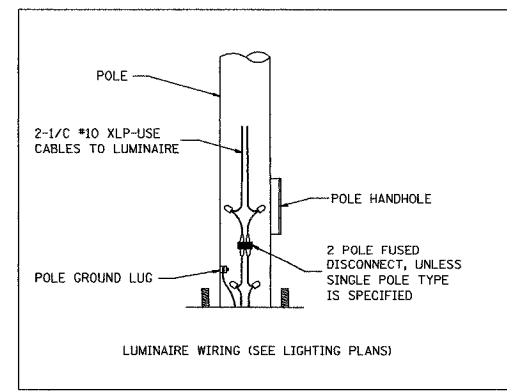


CABLE PLAN

SCHEDULE OF QUANTITIES

DESCRIPTION	UNITS	Scenic
SERVICE INSTALLATION, TYPE B	EACH	1
CONCRETE HANDHOLE	EACH	5
CONCRETE DOUBLE HANDHOLE	EACH	1
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	11
CONDUIT IN TRENCH, 50 MM DIA., PVC	METER	118
CONDUIT IN TRENCH, 75 MM DIA., PVC	METER	10
CONDUIT IN TRENCH, 90 MM DIA., PVC	METER	85
CONDUIT IN TRENCH, 100 MM DIA., PVC	METER	25
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	119
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 SC	METER	985
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	170
ELECTRIC CABLE IN CONDUIT, 600V 3-1/C NO. 6	METER	50
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.25 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 7.92 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.02 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16.46 METER	EACH	1
CONCRETE FOUNDATION, TYPE A	METER	1.22
CONCRETE FOUNDATION, TYPE D	METER	1.22
CONCRETE FOUNDATION, TYPE E 750MM DIAMETER	METER	3.0
CONCRETE FOUNDATION, TYPE F 900MM DIAMETER	METER	13.2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16.76 METER	EACH	1
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, L.E.D., 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
VIDEO VEHICLE DETECTION SYSTEM (4 CAMERA)	EACH	1
FULL ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCEIVER-FIBER OPTIC	EACH	1
BATTERY BACKUP SYSTEM WITH CABINET	EACH	1

V CAMERA CABLE
 6 PAIRS, TWISTED REQUIRED
 3 PAIRS CONDUCTOR FOR POWER
 - 24VAC(AC+,AC-,GND)
 1 PAIR DATA
 1 PAIR COMPOSITE VIDEO
 1 PAIR DETECTOR DATA
 OVERALL SHIELD
 MINIMUM 16AWG (PAIRS)
 (TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)



CONTROLLER SPECIFIED: ECONOLITE ASC-2S/2100 TS-2 TYPE 2

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED CABLE DIAGRAM SCENIC DRIVE AND WAR MEMORIAL DRIVE
NAME	DATE	
		DRAWN BY JJS CHECKED BY GCV



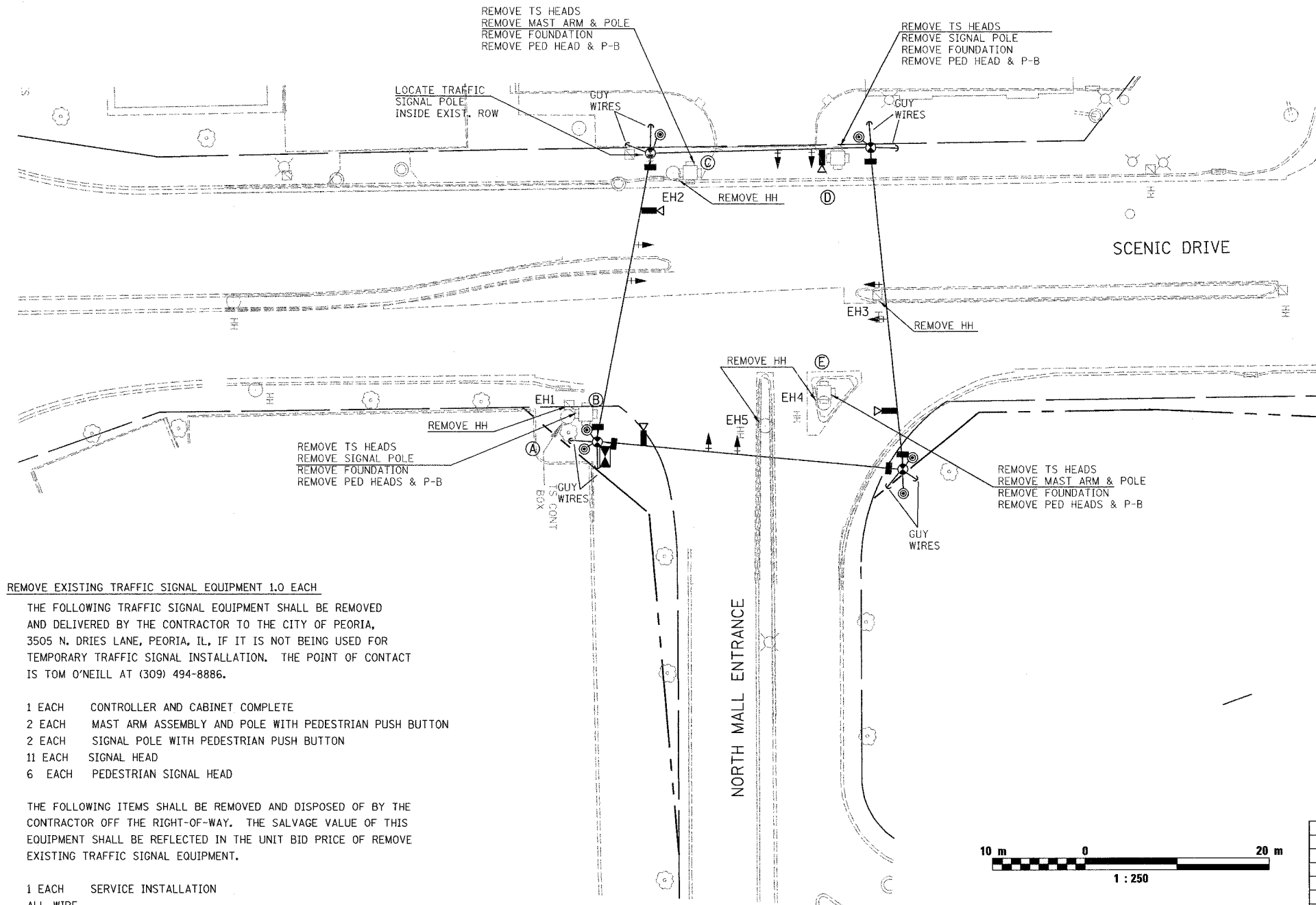
DATE 11/12/04

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	343
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY TRAFFIC SIGNAL LEGEND

- ☒ TEMPORARY CONTROLLER AND CABINET
- ➔ TEMPORARY TRAFFIC SIGNAL HEAD
- TEMPORARY PED. SIGNAL HEAD, BRACKET MOUNTED
- TEMPORARY SERVICE INSTALLATION
- ⊙ TEMPORARY WOOD POLE (CLASS 5) 45 FT. MINIMUM
- TEMPORARY SPAN WIRE, TETHER WIRE AND CABLE
- ⊙ TEMPORARY PEDESTRIAN PUSH-BUTTON



REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT 1.0 EACH

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF PEORIA, 3505 N. DRIES LANE, PEORIA, IL, IF IT IS NOT BEING USED FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE POINT OF CONTACT IS TOM O'NEILL AT (309) 494-8886.

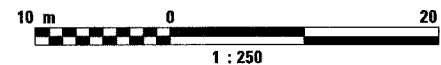
- 1 EACH CONTROLLER AND CABINET COMPLETE
- 2 EACH MAST ARM ASSEMBLY AND POLE WITH PEDESTRIAN PUSH BUTTON
- 2 EACH SIGNAL POLE WITH PEDESTRIAN PUSH BUTTON
- 11 EACH SIGNAL HEAD
- 6 EACH PEDESTRIAN SIGNAL HEAD

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

- 1 EACH SERVICE INSTALLATION
- ALL WIRE

SCHEDULE OF REMOVAL ITEMS

ITEM	LOCATION	QTY
REMOVE EXISTING CONCRETE FOUNDATION	A, B, C, D, E	5.0
REMOVE EXISTING HANDHOLE	EH1, EH2, EH3, EH4, EH5,	5.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	NORTH MALL ENTRANCE	1.0



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMP. SIGNAL INSTALLATION
 REMOVE EXISTING TRAFFIC EQUIPMENT
 NORTH MALL ENTRANCE AND SCENIC DRIVE
 DRAWN BY JJS
 DATE 11/12/04
 CHECKED BY GCV

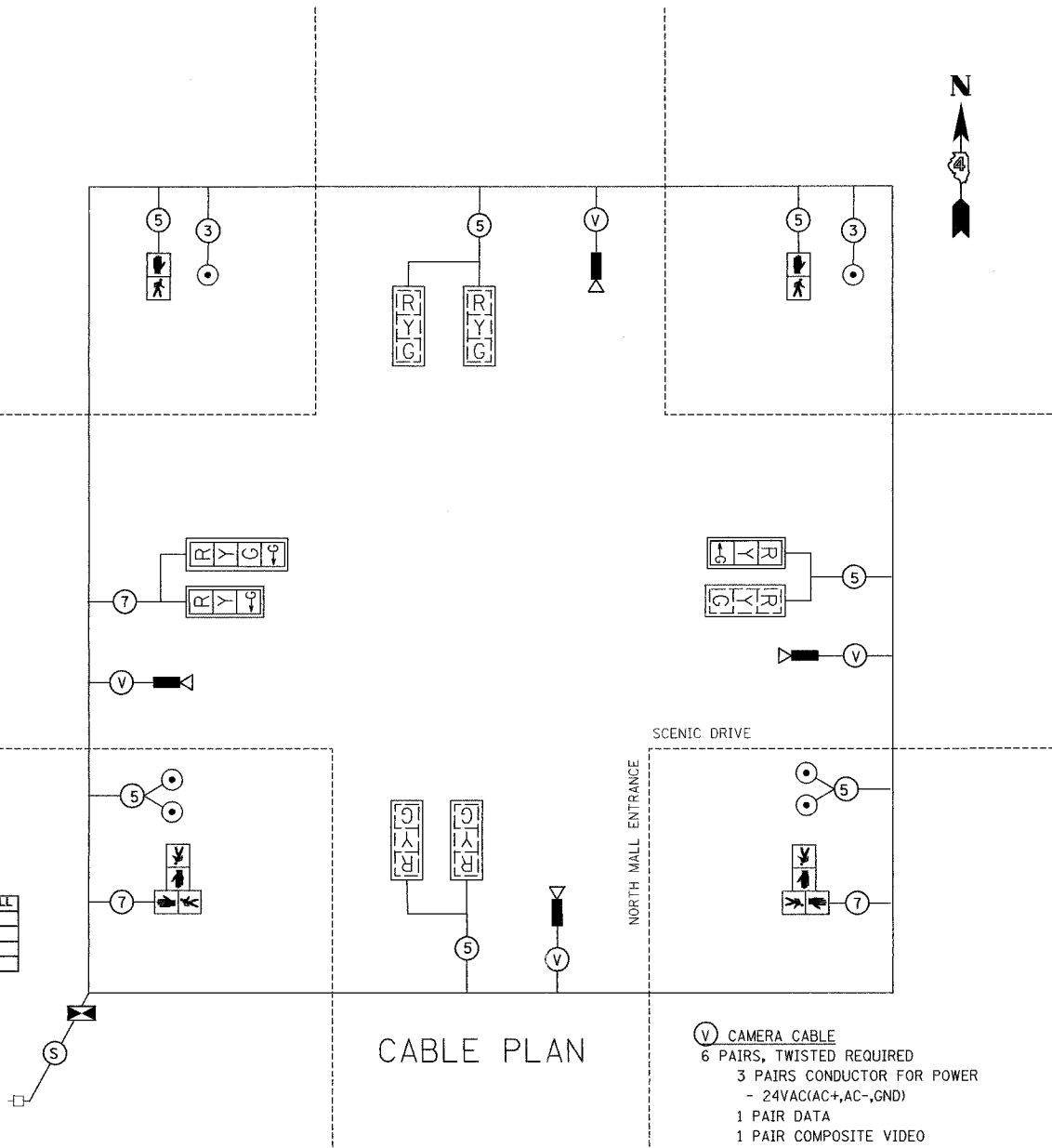
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	344
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY CABLE DIAGRAM LEGEND

- PROPOSED CABLE NUMBER
* = CABLE NUMBER
- ←Y LEFT TURN YELLOW
- ←G LEFT TURN GREEN
- TEMPORARY PED PUSH BUTTON
- ▶ VIDEO DETECTION CAMERA
- ◻ TEMPORARY TRAFFIC CONTROLLER
- TEMPORARY SERVICE INSTALLATION
- ▶ TEMPORARY WALK/DON'T WALK PEDESTRIAN HEAD
- RYG TEMPORARY TRAFFIC SIGNAL HEAD W/BACKPLATE

SCHEDULE OF QUANTITIES

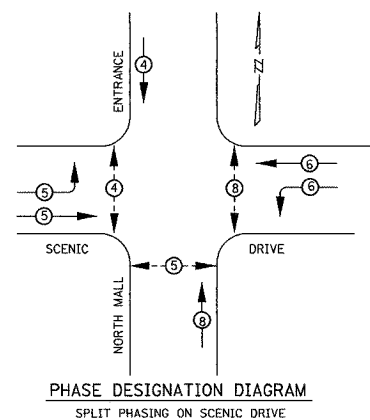
DESCRIPTION	UNITS	N MALL
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING HANDHOLE	EACH	5.0
REMOVE EXISTING FOUNDATION	EACH	5.0



CABLE PLAN

- CAMERA CABLE
- 6 PAIRS, TWISTED REQUIRED
- 3 PAIRS CONDUCTOR FOR POWER
- 24VAC(AC+,AC-,GND)
- 1 PAIR DATA
- 1 PAIR COMPOSITE VIDEO
- 1 PAIR DETECTOR DATA
- OVERALL SHIELD
- MINIMUM 16AWG (PAIRS)
- (TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)

TEMPORARY CABLE PLAN

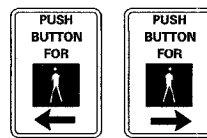


PHASE DESIGNATION DIAGRAM
SPLIT PHASING ON SCENIC DRIVE

LEGEND

- VEHICULAR PHASE
- ◻ OVERLAP
- PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

PEDESTRIAN CROSSING SIGN DETAIL



DIMENSIONS: 305 (TYP.) x 230 (TYP.)
LENGEND AND BORDER: REFLECTORIZED BLACK
BACKGROUND: REFLECTORIZED WHITE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION.

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.

MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSHBUTTON.

TEMPORARY CONSTRUCTION NOTES:

- T1. THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE SPAN WIRE MOUNTED TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL AND PEDESTRIAN HEADS, CONDUIT, PUSHBUTTONS, CONTROLLER AND CABINET AND ALL OTHER PERIPHERAL EQUIPMENT.
- T2. ALL CONTROL EQUIPMENT FOR THE TEMPORARY TRAFFIC CONTROL SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- T3. THE CONTROLLER FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE A FULLY ACTUATED NEMA MICROPROCESSOR BASED, CAPABLE OF SUPPLYING 225 SECONDS OF CYCLE LENGTH AND INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS. IF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION WILL BE EQUIPPED WITH VIDEO DETECTION, THE CONTROLLER SHALL BE A NEMA TS-2 TYPE 2 CONTROLLER EQUIPPED WITH A SDLC PORT FOR COMMUNICATION WITH THE VIDEO DETECTION SYSTEM. IF THE CONTRACTOR DOES NOT HAVE A TS2 CONTROLLER, THE CITY OF PEORIA WILL FURNISH ONE FOR USE WITH THE TEMPORARY TRAFFIC INSTALLATION.
- T4. ALL TRAFFIC SIGNAL EQUIPMENT SCHEDULED FOR REMOVAL CAN BE USED FOR TEMPORARY TRAFFIC SIGNALS. ANY MAINTENANCE OF THIS EQUIPMENT WHEN USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EQUIPMENT SHALL BE DELIVERED IN GOOD WORKING CONDITION UPON REMOVAL OF TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- T5. THE PROPOSED VIDEO DETECTION SYSTEM SHALL BE USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR SHALL TRANSFER ALL VIDEO DETECTION COMPONENTS TO THE PROPOSED SIGNAL INSTALLATION AND SHALL BE RESPONSIBLE FOR ALL MAINTENANCE OF THE EQUIPMENT.
- T6. ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 300 MM (12") LENSES.
- T7. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- T8. THE CONTRACTOR SHALL FURNISH ENOUGH SLACK CABLE TO RELOCATE THE HEADS TO ANY POSITION REQUIRED FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
- T9. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- T10. THE SPAN WIRE MOUNTED TEMPORARY SIGNAL HEADS SHALL MAINTAIN AN UNIFORM 5.5 METER (18') CLEARANCE OVER THE ROADWAY.
- T11. ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TEMPORARY CABLE DIAGRAM NORTH MALL ENTRANCE AND SCENIC DRIVE
NAME	DATE	
		DRAWN BY JJS CHECKED BY GCV DATE 11/12/04

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL		
HANDHOLE		
DOUBLE HANDHOLE		
PVC CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSHBUTTON DETECTOR		
VIDEO CAMERA ASSEMBLY		
400 WATT, HPS, MC-III LUMINAIRE		

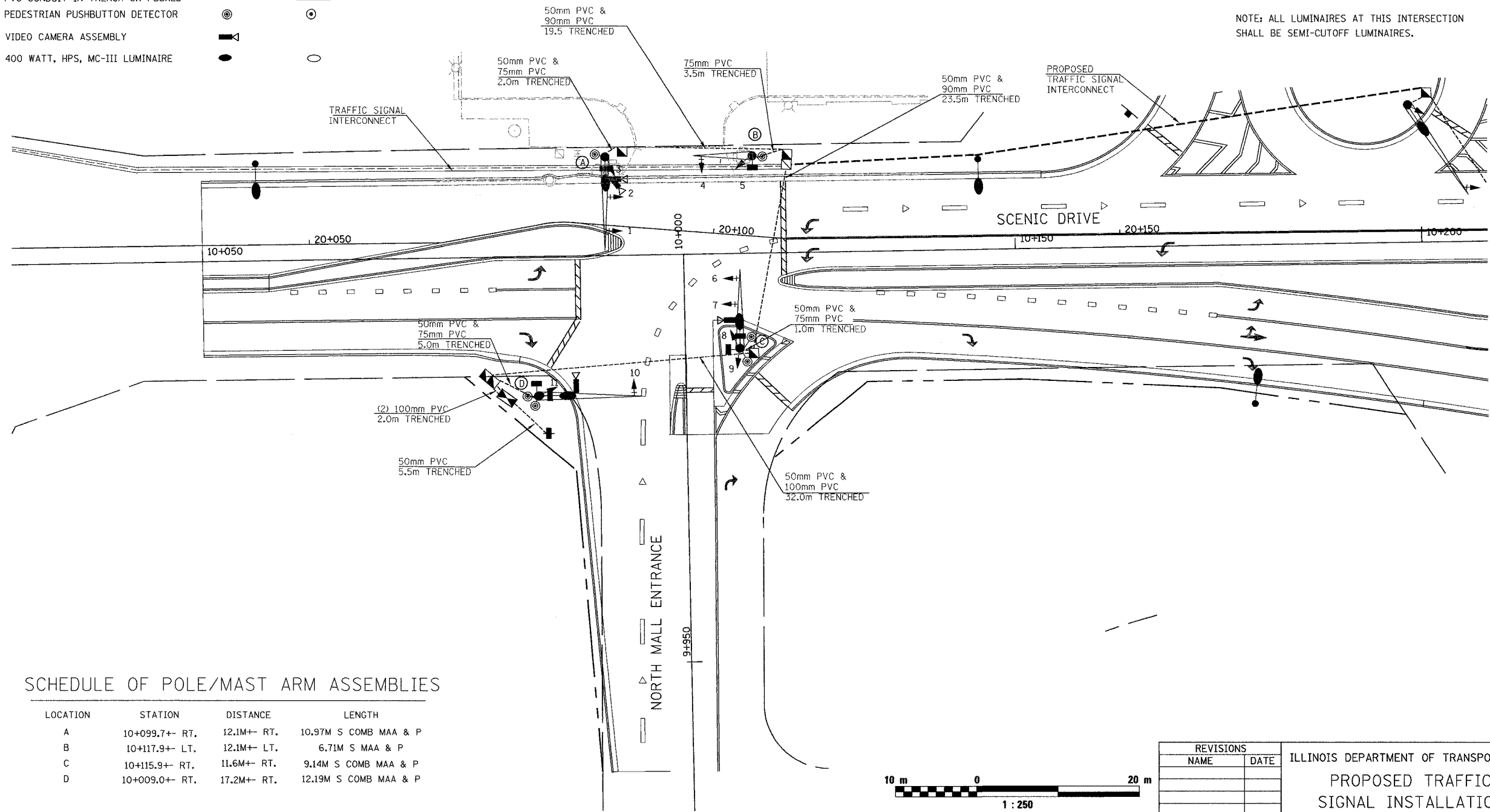
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1340	345
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCHEDULE OF SIGNAL HEAD QUANTITIES

TOTAL QUANTITY	UNIT	ITEM	LOCATION
6.0	EACH	SH,1F,3S,MAM	1,2,4,6,7,10
4.0	EACH	SH,1F,3S,BM	3,5,8,11
1.0	EACH	SH,1F,5S(RIGHT),BM	9
6.0	EACH	TS BACKPLATE	1,2,4,6,7,10

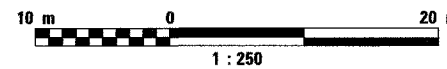


NOTE: ALL LUMINAIRES AT THIS INTERSECTION SHALL BE SEMI-CUTOFF LUMINAIRES.



SCHEDULE OF POLE/MAST ARM ASSEMBLIES

LOCATION	STATION	DISTANCE	LENGTH
A	10+099.7+- RT.	12.1M+- RT.	10.97M S COMB MAA & P
B	10+117.9+- LT.	12.1M+- LT.	6.71M S MAA & P
C	10+115.9+- RT.	11.6M+- RT.	9.14M S COMB MAA & P
D	10+009.0+- RT.	17.2M+- RT.	12.19M S COMB MAA & P



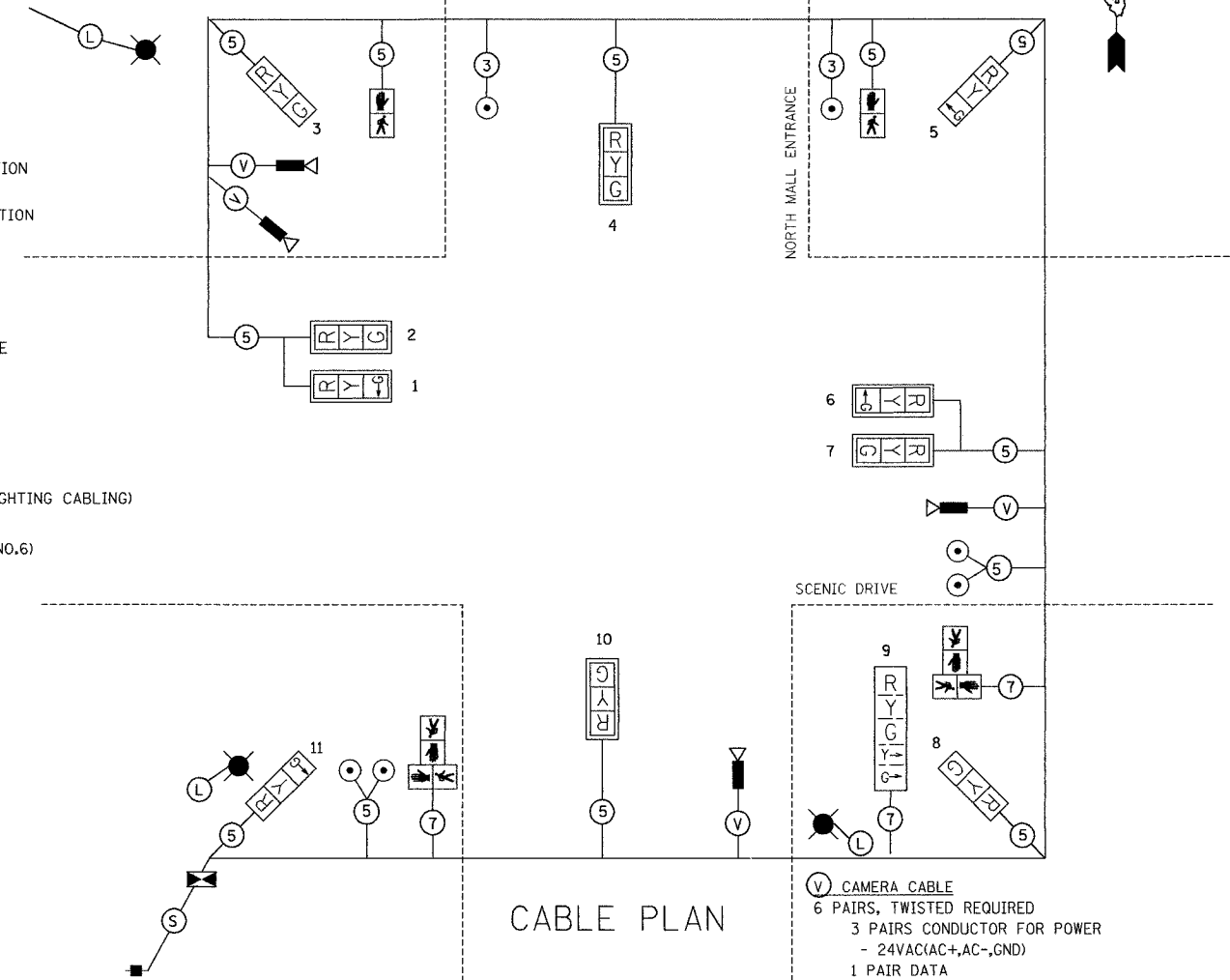
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNAL INSTALLATION
 NORTH MALL ENTRANCE AND SCENIC DRIVE
 DRAWN BY JJS
 CHECKED BY GCV
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	346
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROPOSED TRAFFIC SIGNALS LEGEND

- PROPOSED CABLE CONDUCTORS (ALL CABLES NO. 14, EXCEPT AS INDICATED)
- ←Y LEFT TURN YELLOW
- ←G LEFT TURN GREEN
- PED PUSH BUTTON
- VIDEO DETECTION CAMERA
- ⊠ TRAFFIC CONTROLLER
- EXISTING SERVICE INSTALLATION
- PROPOSED SERVICE INSTALLATION
- ⤴ WALK/DON'T WALK SECTION
- RYG TRAFFIC SIGNAL W/BACKPLATE
- ☼ STREET LIGHTING LUMINAIRE
- L LUMINAIRE CABLES (SEE LIGHTING PLANS FOR LIGHTING CABLING)
- S SERVICE CABLES (600V XLP-TYPE USE 3-1/C NO.6)



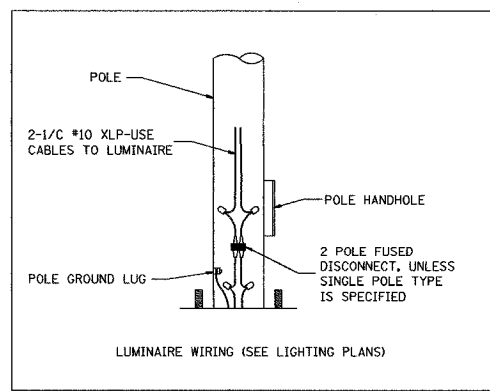
CABLE PLAN

○ CAMERA CABLE
 6 PAIRS, TWISTED REQUIRED
 3 PAIRS CONDUCTOR FOR POWER
 - 24VAC(AC+,AC-,GND)
 1 PAIR DATA
 1 PAIR COMPOSITE VIDEO
 1 PAIR DETECTOR DATA

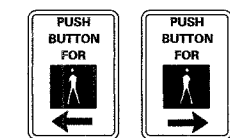
OVERALL SHIELD
 MINIMUM 16AWG (PAIRS)
 (TO BE INCLUDED IN THE BID PRICE FOR VEHICLE VIDEO DETECTION SYSTEM)

SCHEDULE OF QUANTITIES

DESCRIPTION	UNITS	Mail Ent
SERVICE INSTALLATION, TYPE B	EACH	1
CONCRETE HANDHOLE	EACH	3
CONCRETE DOUBLE HANDHOLE	EACH	1
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	3
TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	6
PEDESTRIAN PUSH BUTTON	EACH	6
CONDUIT IN TRENCH, 80 MM DIA., PVC	METER	90
CONDUIT IN TRENCH, 75 MM DIA., PVC	METER	12
CONDUIT IN TRENCH, 90 MM DIA., PVC	METER	45
CONDUIT IN TRENCH, 100 MM DIA., PVC	METER	36
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	89
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	150
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	560
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	110
ELECTRIC CABLE IN CONDUIT, 600V 3-1/C NO. 6	METER	20
STEEL MAST ARM ASSEMBLY AND POLE 6.71 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 9.14 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 10.97 METER	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.19 METER	EACH	1
CONCRETE FOUNDATION, TYPE D	METER	1.22
CONCRETE FOUNDATION, TYPE E 750MM DIAMETER	METER	3.0
CONCRETE FOUNDATION, TYPE E 900MM DIAMETER	METER	10.2
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED	EACH	6
VIDEO VEHICLE DETECTION SYSTEM (4 CAMERA)	EACH	1
FULL ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCIVER-FIBER OPTIC	EACH	1
BATTERY BACKUP SYSTEM WITH CABINET	EACH	1



PEDESTRIAN CROSSING SIGN DETAIL



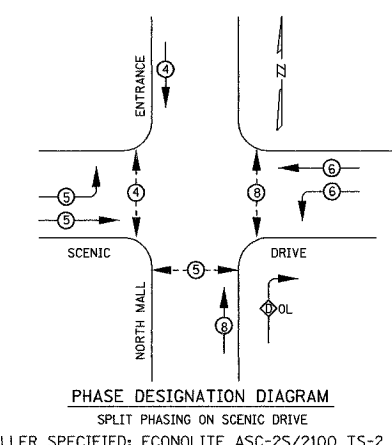
DIMENSIONS: 305 (TYP.) x 230 (TYP.)
 LENGND AND BORDER: REFLECTORIZED BLACK
 BACKGROUND: REFLECTORIZED WHITE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON, ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD. MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSHBUTTON.

CONSTRUCTION NOTES:

- ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 300MM (12") SINGLE LED LENSES.
- THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 4.88 METER (16') MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
- THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
- ALL TRAFFIC SIGNAL HEAD BRACKETS SHALL BE ALUMINUM, NATURAL FINISH, SCHEDULE 80.
- ALL TRAFFIC SIGNAL POSTS AND BASES SHALL BE GALVANIZED STEEL.
- PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
- THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
- COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT PUSHED OR TRENCHED.
- ARTICLE 815.03 (D) CALLS FOR CABLE MARKING TAPE TO BE INSTALLED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK". THIS REQUIREMENT IS WAIVED.
- 12AWG, STRANDED THHN, INSULATED ORANGE TRACER CABLE IS TO BE PULLED INTO ALL CONDUITS THAT CONTAIN FIBER OPTIC CABLE. THIS WORK SHALL BE DONE AT THE SAME TIME THE FIBER OPTIC CABLE IS PULLED. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR FIBER OPTIC CABLE IN CONDUIT.
- THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
- THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.
- THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.
- THE LOCATIONS FOR HANDHOLES AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
- LUMINAIRES AND POLES SHALL BE REMOVED BY OTHERS.
- ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED AS EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE PROPOSED LIGHT STANDARD SHALL HAVE A 3.6 METER (12') DAVIT ARM.



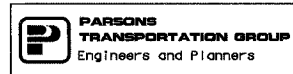
- LEGEND
- VEHICULAR PHASE
 - OL OVERLAP
 - PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

OVERLAP D = 6+8

SPLIT PHASING ON SCENIC DRIVE
 CONTROLLER SPECIFIED: ECONOLITE ASC-2S/2100 TS-2 TYPE 2

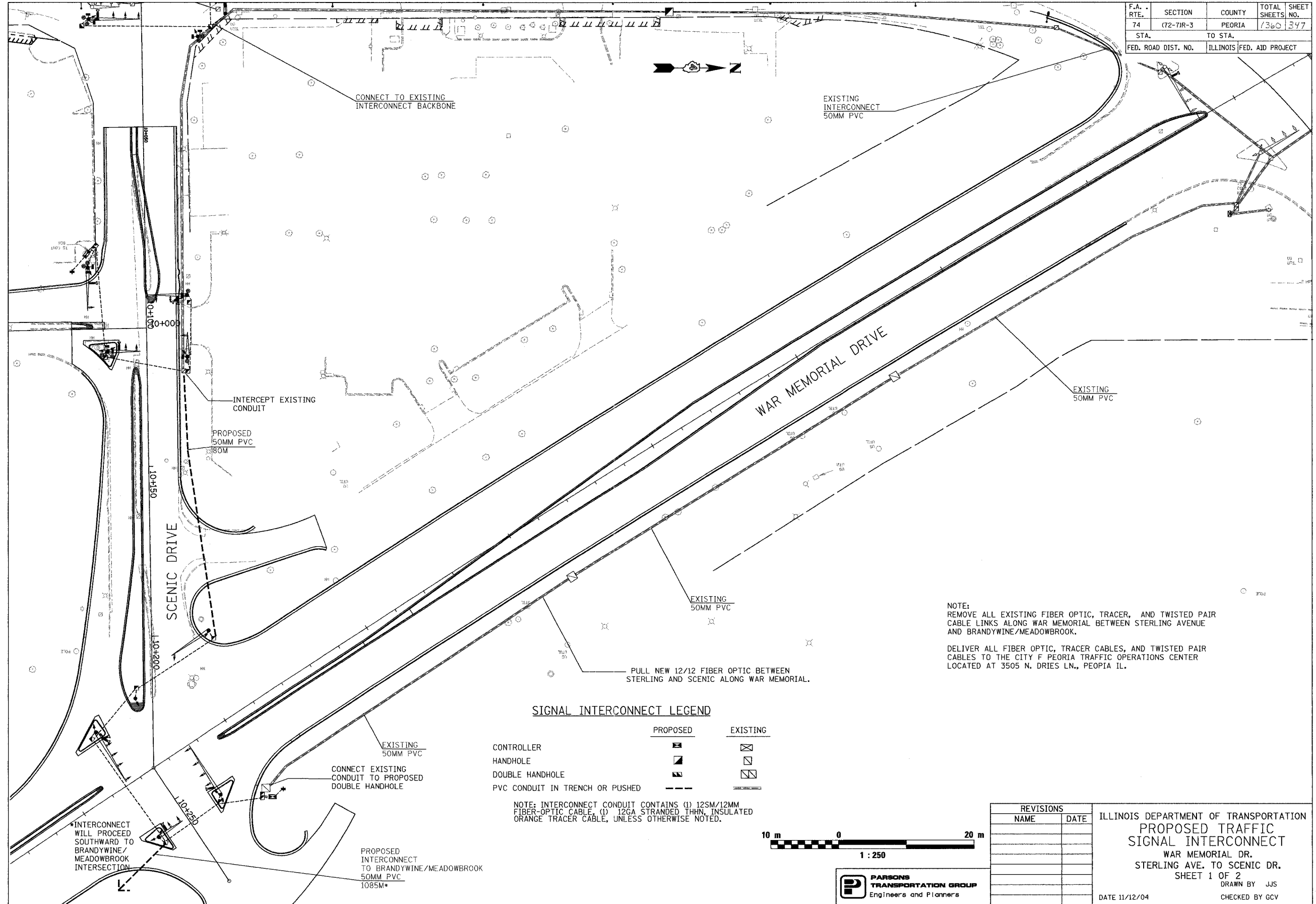
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED CABLE DIAGRAM
 NORTH MALL ENTRANCE AND SCENIC DRIVE
 DRAWN BY JUS
 CHECKED BY GCY
 DATE 11/12/04



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F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	347
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

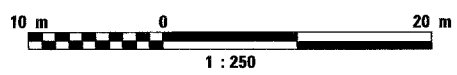


NOTE:
 REMOVE ALL EXISTING FIBER OPTIC, TRACER, AND TWISTED PAIR CABLE LINKS ALONG WAR MEMORIAL BETWEEN STERLING AVENUE AND BRANDYWINE/MEADOWBROOK.
 DELIVER ALL FIBER OPTIC, TRACER CABLES, AND TWISTED PAIR CABLES TO THE CITY OF PEORIA TRAFFIC OPERATIONS CENTER LOCATED AT 3505 N. DRIES LN., PEORIA IL.

SIGNAL INTERCONNECT LEGEND

	PROPOSED	EXISTING
CONTROLLER		
HANDHOLE		
DOUBLE HANDHOLE		
PVC CONDUIT IN TRENCH OR PUSHED		

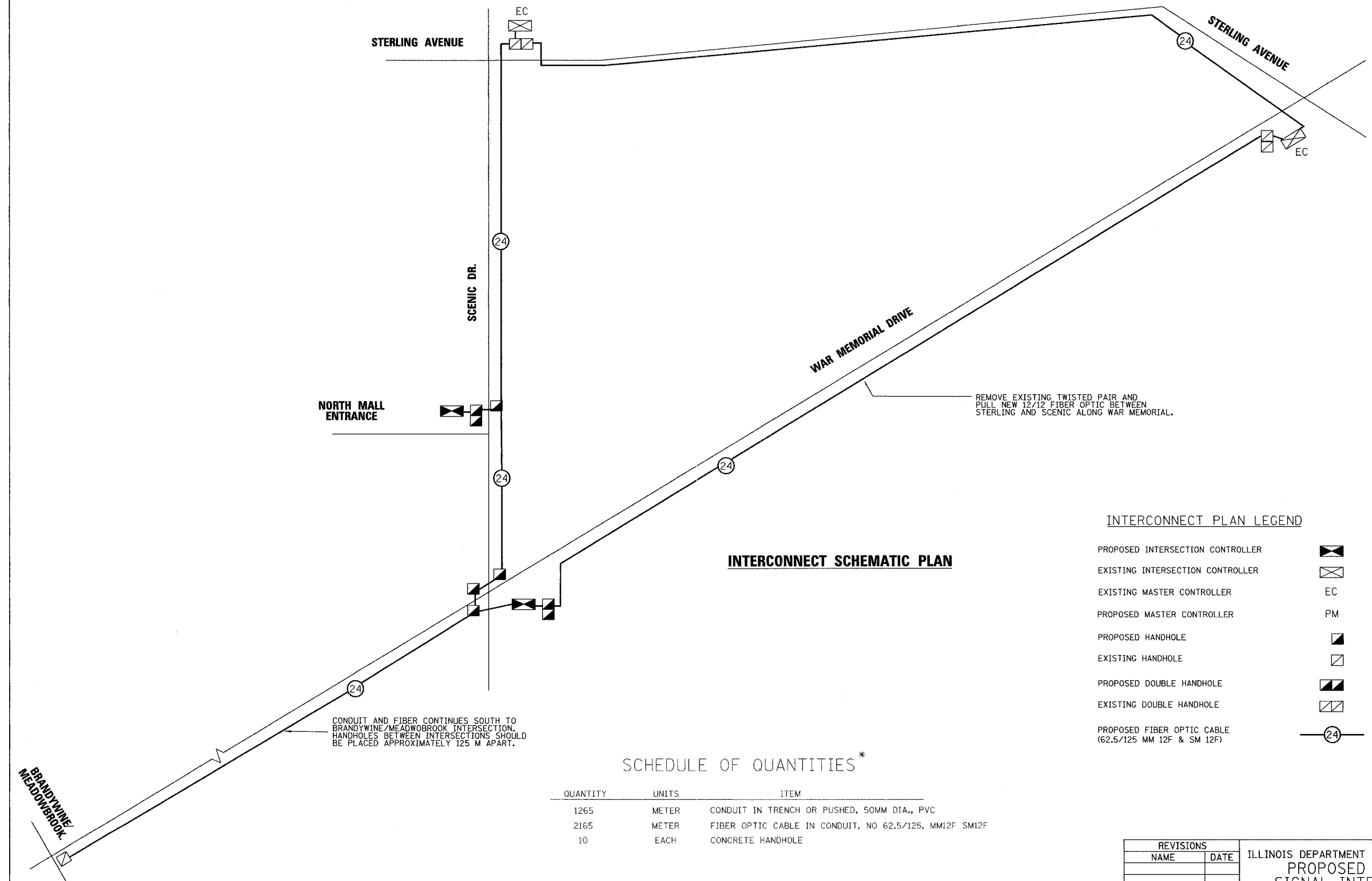
NOTE: INTERCONNECT CONDUIT CONTAINS (1) 12SM/12MM FIBER-OPTIC CABLE, (1) 12GA STRANDED THHN, INSULATED ORANGE TRACER CABLE, UNLESS OTHERWISE NOTED.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNAL INTERCONNECT
 WAR MEMORIAL DR.
 STERLING AVE. TO SCENIC DR.
 SHEET 1 OF 2
 DRAWN BY JJS
 CHECKED BY GCV
 DATE 11/12/04

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	348
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



INTERCONNECT SCHEMATIC PLAN

INTERCONNECT PLAN LEGEND

- PROPOSED INTERSECTION CONTROLLER
- EXISTING INTERSECTION CONTROLLER
- EXISTING MASTER CONTROLLER EC
- PROPOSED MASTER CONTROLLER PM
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- EXISTING DOUBLE HANDHOLE
- PROPOSED FIBER OPTIC CABLE (62.5/125 MM 12F & SM 12F)

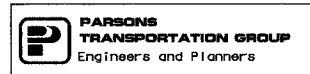
SCHEDULE OF QUANTITIES *

QUANTITY	UNITS	ITEM
1265	METER	CONDUIT IN TRENCH OR PUSHED, 50MM DIA., PVC
2165	METER	FIBER OPTIC CABLE IN CONDUIT, NO 62.5/125, MM12F SM12F
10	EACH	CONCRETE HANDHOLE

* QUANTITIES LISTED INCLUDE CONDUIT AND FIBER FROM SCNIC DRIVE TO BRANDYWINE/MEADOWBROOK.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNAL INTERCONNECT
 WAR MEMORIAL DRIVE
 STERLING AVENUE TO SCENIC DRIVE
 SHEET 2 OF 2
 DRAWN BY JUS
 CHECKED BY GCV
 DATE 11/12/04



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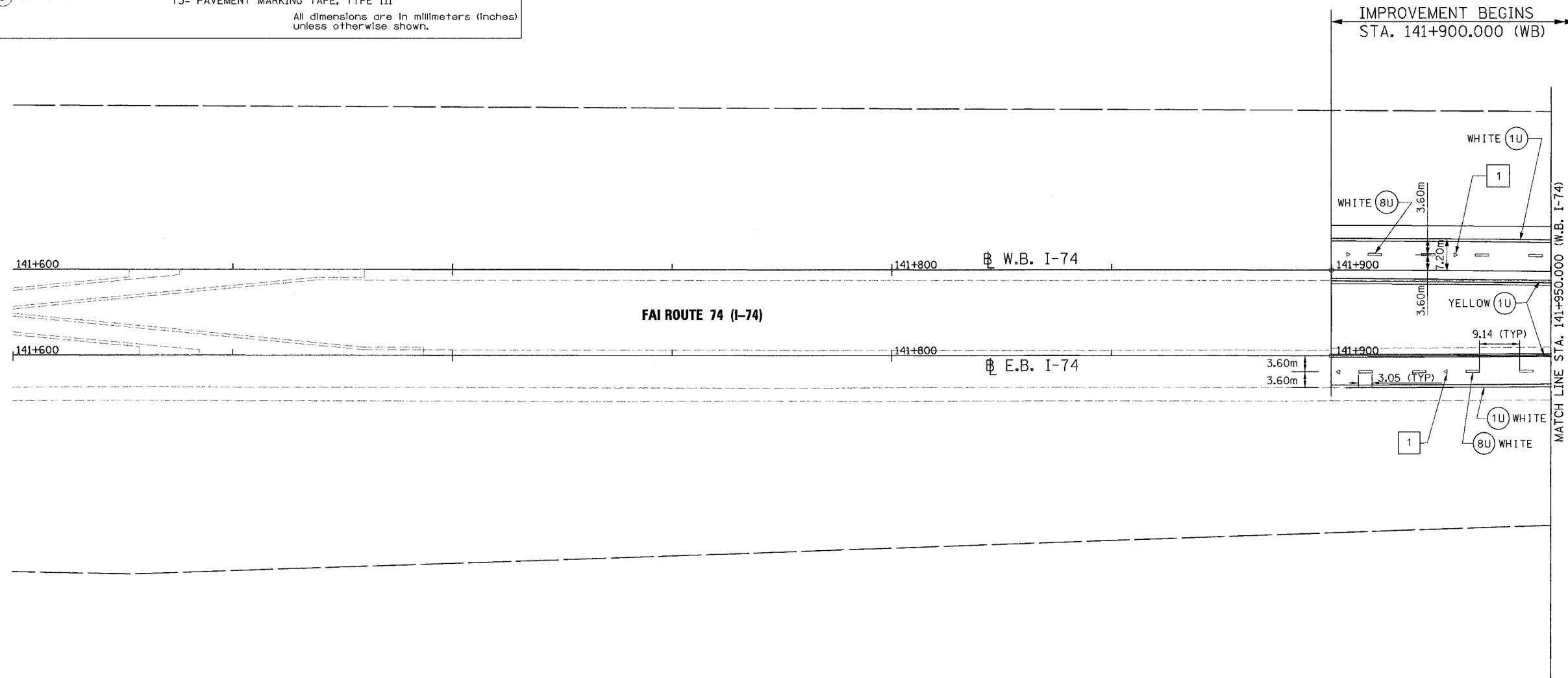
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	349
STA. 141+600.000		TO STA. 141+950.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



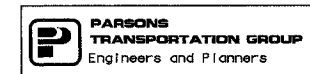
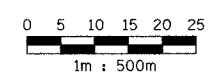
PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS	
(1X) 100 (4) SOLID		1	ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X) 150 (6) SOLID		2	ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X) 200 (8) SOLID		3	ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X) 300 (12) SOLID		4	ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X) 600 (24) SOLID		5	TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X) 100 (4) DOUBLE SOLID		6	TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X) 100 (4) SKIP DASH			
(8X) 150 (6) SKIP DASH			
(9X) 200 (8) SKIP DASH			
(10X) 200 (8) DOTTED			
(11X) LETTERS AND ARROWS			

WHERE "X" DESIGNATES:	—	WHITE
E = EPOXY	—	YELLOW
P = PAINT		
T = THERMOPLASTIC		
U = POLYUREA		
TP= TEMPORARY PAVEMENT MARKING TAPE		
T3= PAVEMENT MARKING TAPE, TYPE III		

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



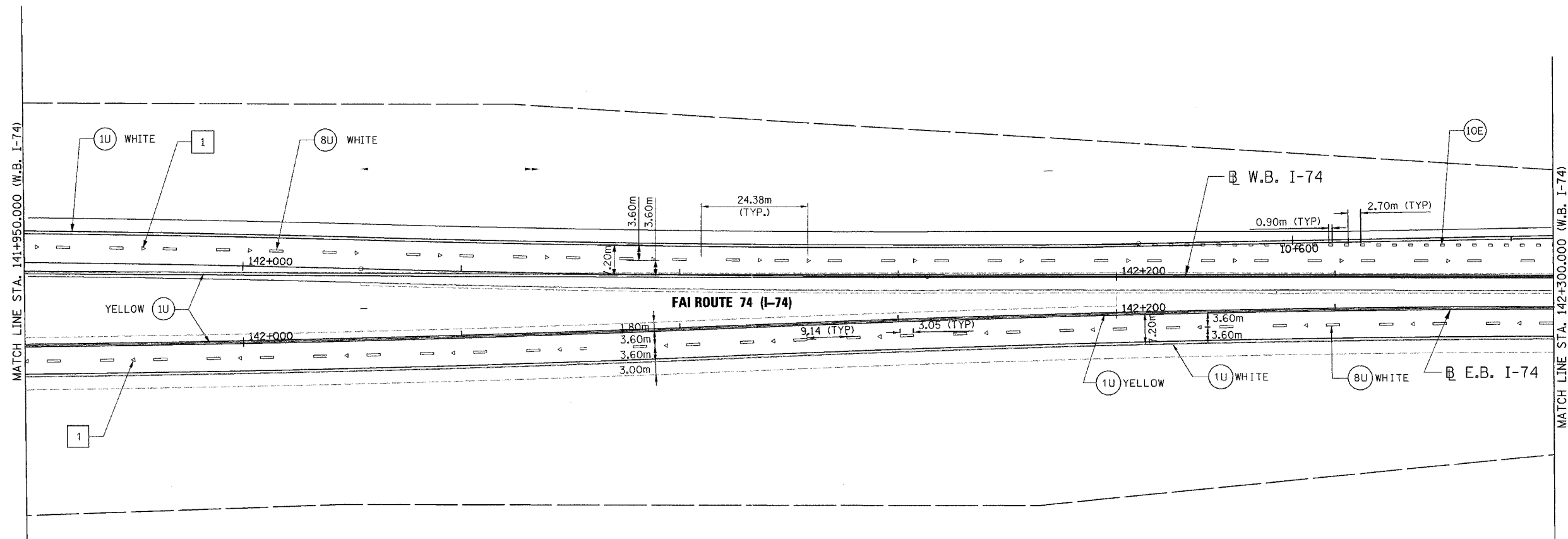
- NOTE:**
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
 2. LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 141+600.000 - STA. 141+950.000
 DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY KJW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	350
STA. 141+950.000		TO STA. 142+300.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- (1X) 100 (4) SOLID
- (2X) 150 (6) SOLID
- (3X) 200 (8) SOLID
- (4X) 300 (12) SOLID
- (5X) 600 (24) SOLID
- (6X) 100 (4) DOUBLE SOLID
- (7X) 100 (4) SKIP DASH
- (8X) 150 (6) SKIP DASH
- (9X) 200 (8) SKIP DASH
- (10X) 200 (8) DOTTED
- (11X) LETTERS AND ARROWS

RAISED REFLECTIVE PAVEMENT MARKERS

- 1 < ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
- 2 < ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
- 3 < ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
- 4 < ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
- 5 < TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
- 6 < TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH

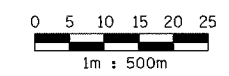
WHERE "X" DESIGNATES:

E = EPOXY	— WHITE
P = PAINT	— YELLOW
T = THERMOPLASTIC	
U = POLYUREA	
TP= TEMPORARY PAVEMENT MARKING TAPE	
T3= PAVEMENT MARKING TAPE, TYPE III	

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

NOTE:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
2. LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.



REVISIONS	
NAME	DATE

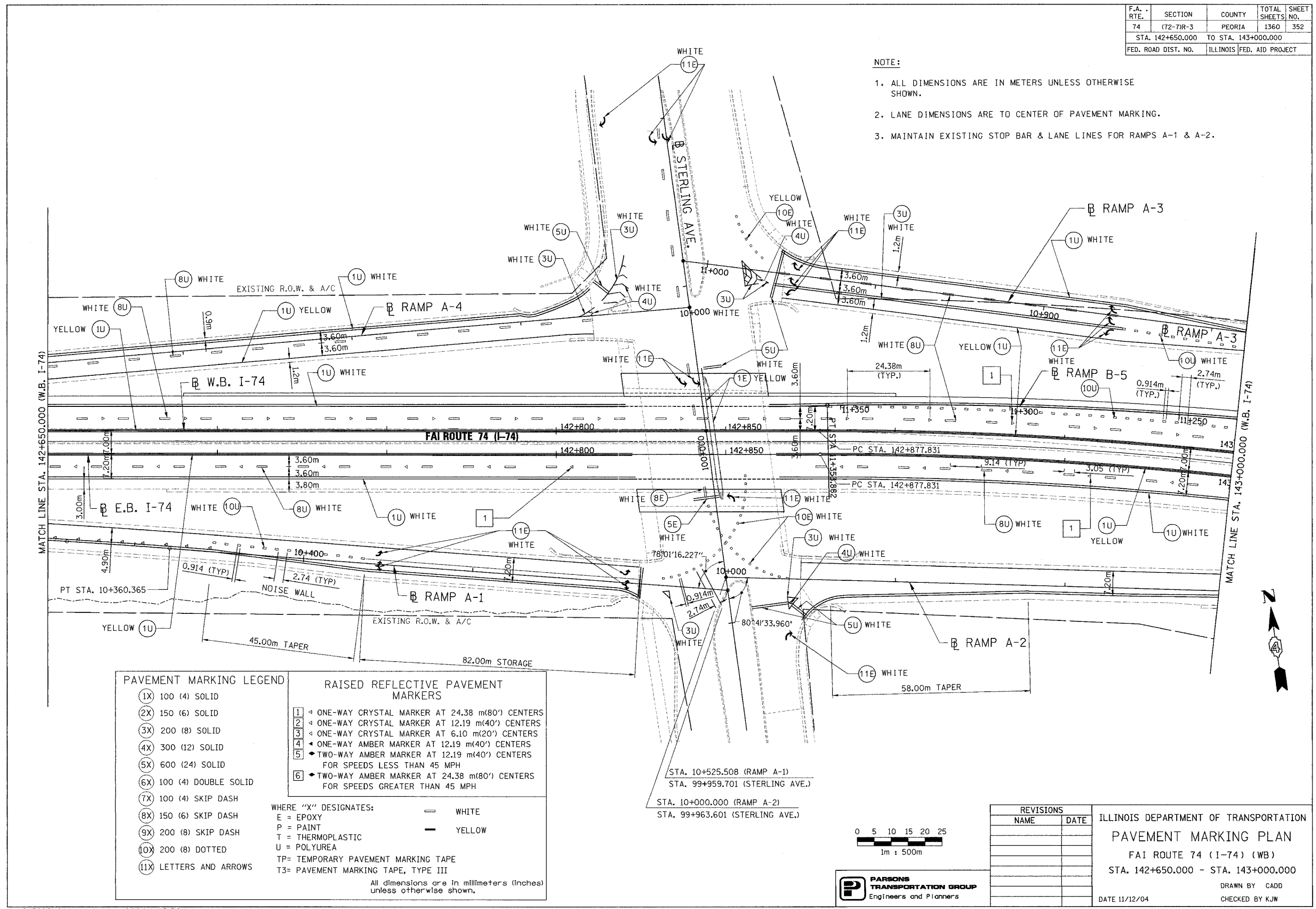
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 141+950.000 - STA. 142+300.000

DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY KJW

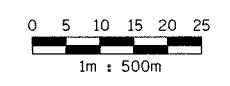
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	352
STA. 142+650.000 TO STA. 143+000.000				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

NOTE:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
2. LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.
3. MAINTAIN EXISTING STOP BAR & LANE LINES FOR RAMPS A-1 & A-2.



PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS	
(1X) 100 (4) SOLID		1	ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X) 150 (6) SOLID		2	ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X) 200 (8) SOLID		3	ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X) 300 (12) SOLID		4	ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X) 600 (24) SOLID		5	TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X) 100 (4) DOUBLE SOLID		6	TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X) 100 (4) SKIP DASH			
(8X) 150 (6) SKIP DASH			
(9X) 200 (8) SKIP DASH			
(10X) 200 (8) DOTTED			
(11X) LETTERS AND ARROWS			
WHERE "X" DESIGNATES:		—	WHITE
E = EPOXY		—	YELLOW
P = PAINT			
T = THERMOPLASTIC			
U = POLYUREA			
TP= TEMPORARY PAVEMENT MARKING TAPE			
T3= PAVEMENT MARKING TAPE, TYPE III			
All dimensions are in millimeters (inches) unless otherwise shown.			



PARSONS TRANSPORTATION GROUP
Engineers and Planners

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 142+650.000 - STA. 143+000.000
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04

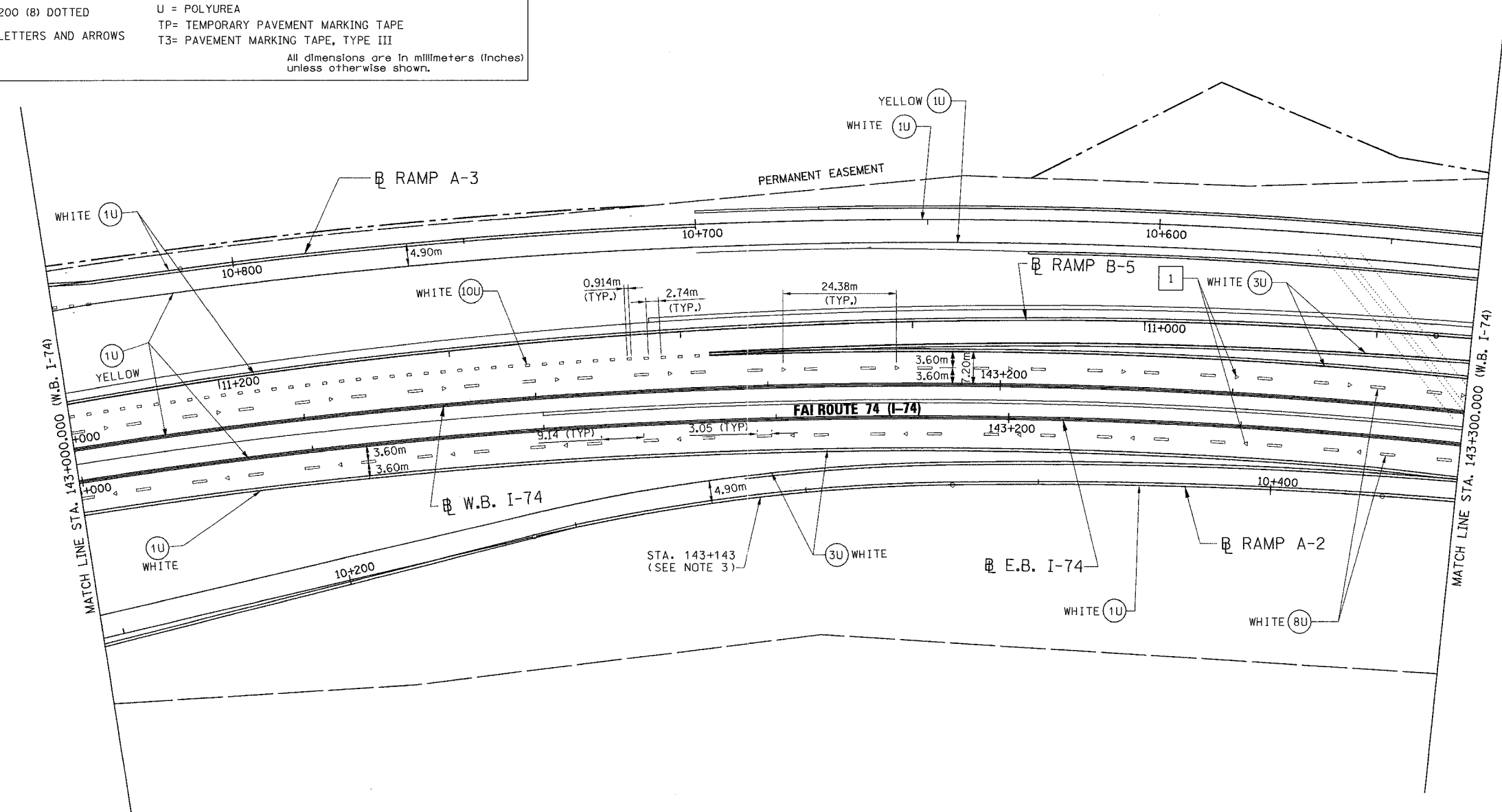
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	353
STA. 143+000.000 TO STA. 143+300.000				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS	
(1X) 100 (4) SOLID		1	ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X) 150 (6) SOLID		2	ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X) 200 (8) SOLID		3	ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X) 300 (12) SOLID		4	ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X) 600 (24) SOLID		5	TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X) 100 (4) DOUBLE SOLID		6	TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X) 100 (4) SKIP DASH		WHERE "X" DESIGNATES:	
(8X) 150 (6) SKIP DASH		E	EPOXY
(9X) 200 (8) SKIP DASH		P	PAINT
(10X) 200 (8) DOTTED		T	THERMOPLASTIC
(11X) LETTERS AND ARROWS		U	POLYUREA
		TP	TEMPORARY PAVEMENT MARKING TAPE
		T3	PAVEMENT MARKING TAPE, TYPE III

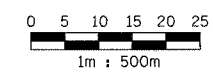
WHERE "X" DESIGNATES:
 E = EPOXY
 P = PAINT
 T = THERMOPLASTIC
 U = POLYUREA
 TP = TEMPORARY PAVEMENT MARKING TAPE
 T3 = PAVEMENT MARKING TAPE, TYPE III

— WHITE
 — YELLOW

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



- NOTE:
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
 - LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.
 - MAINTAIN EXISTING LANE LINES FOR RAMP A-2 TO STA. 143+143.000.



PARSONS TRANSPORTATION GROUP
 Engineers and Planners

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 143+000.000 - STA. 143+300.000

DATE 11/12/04

DRAWN BY CADD
 CHECKED BY KJW

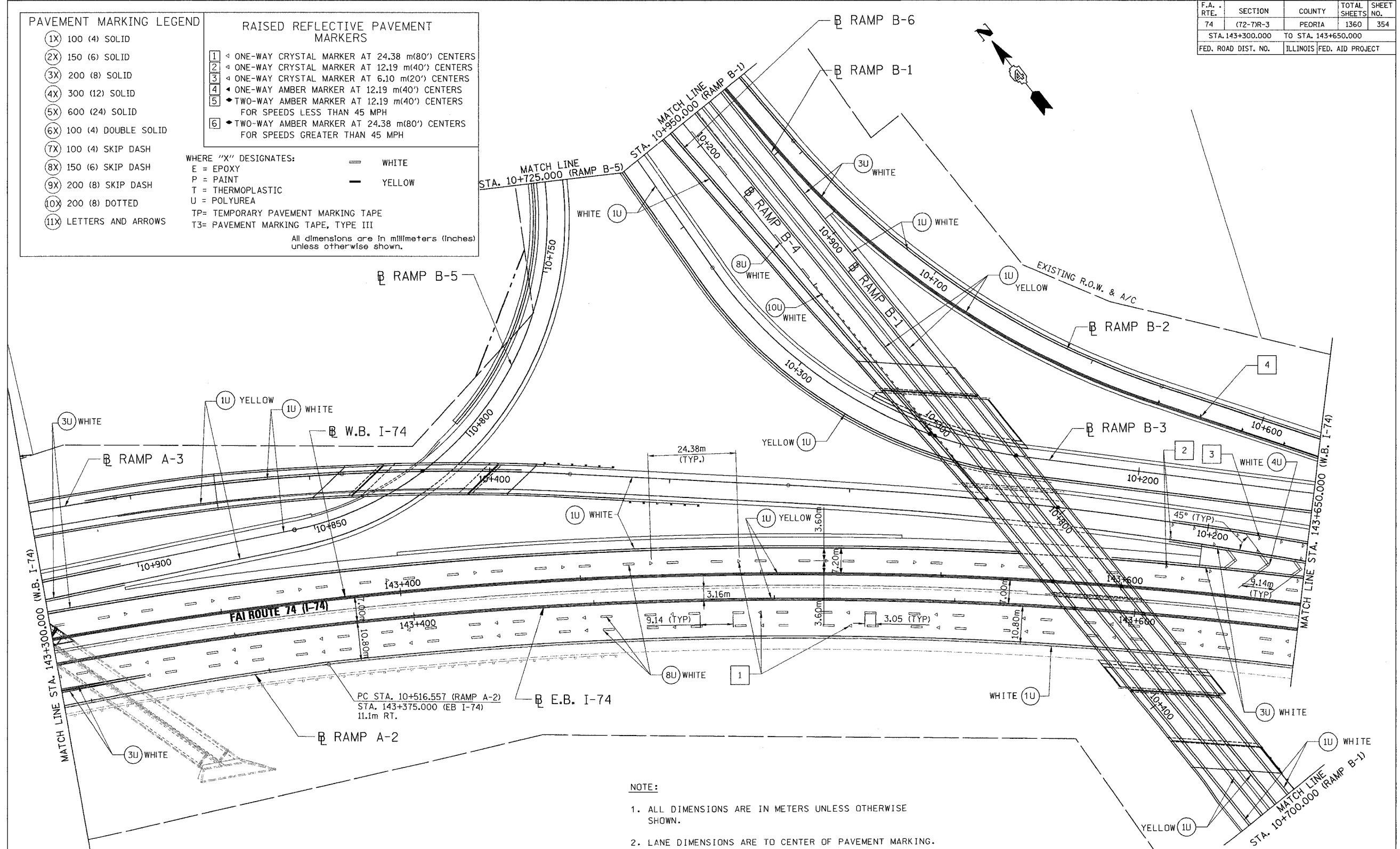
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	354
STA. 143+300.000			TO STA. 143+650.000	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS	
(1X)	100 (4) SOLID	1	ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X)	150 (6) SOLID	2	ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X)	200 (8) SOLID	3	ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X)	300 (12) SOLID	4	ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X)	600 (24) SOLID	5	TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X)	100 (4) DOUBLE SOLID	6	TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X)	100 (4) SKIP DASH		
(8X)	150 (6) SKIP DASH		
(9X)	200 (8) SKIP DASH		
(10X)	200 (8) DOTTED		
(11X)	LETTERS AND ARROWS		

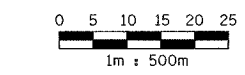
WHERE "X" DESIGNATES:

E = EPOXY	—	WHITE
P = PAINT	—	YELLOW
T = THERMOPLASTIC		
U = POLYUREA		
TP= TEMPORARY PAVEMENT MARKING TAPE		
T3= PAVEMENT MARKING TAPE, TYPE III		

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



- NOTE:
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
 - LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.



PARSONS
TRANSPORTATION GROUP
Engineers and Planners

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 143+300.000 - STA. 143+650.000
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	355
STA. 143+650.000 TO STA. 143+950.000				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING LEGEND

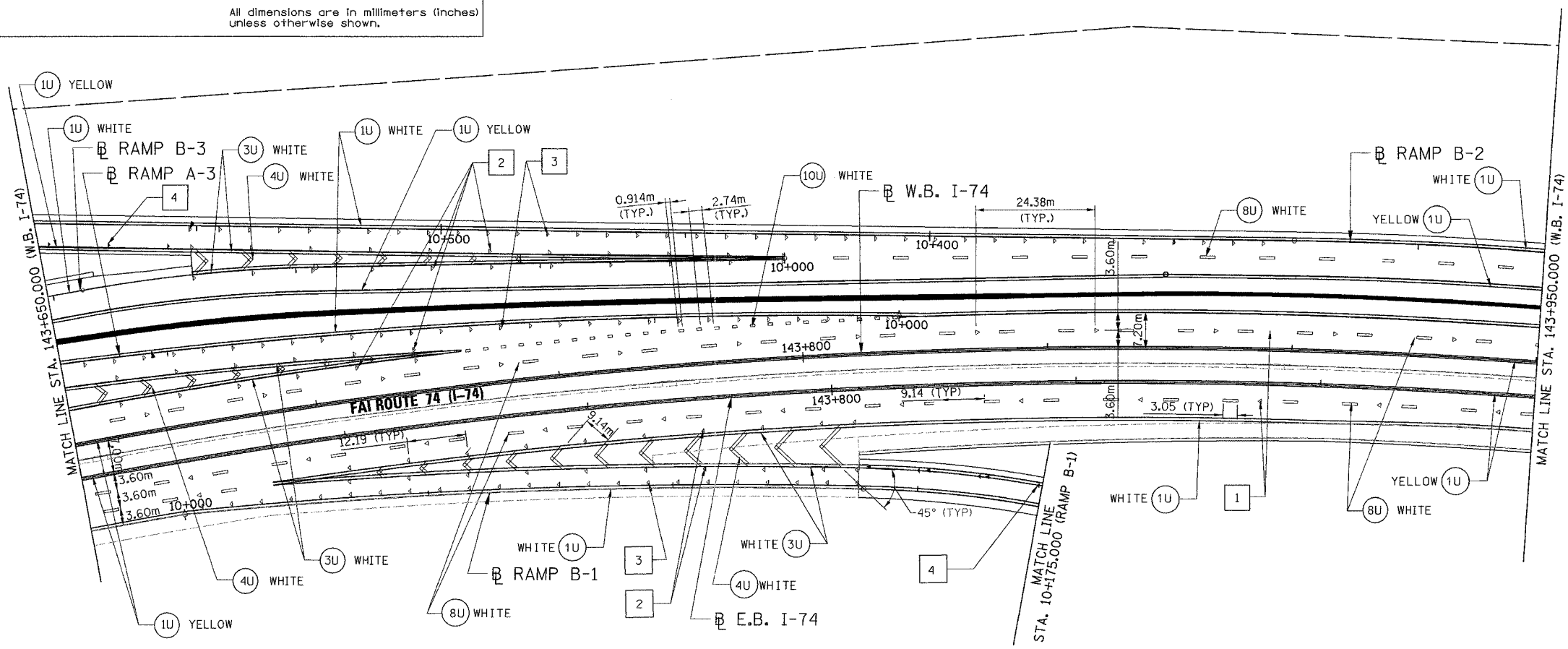
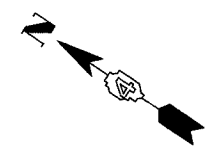
- (1X) 100 (4) SOLID
- (2X) 150 (6) SOLID
- (3X) 200 (8) SOLID
- (4X) 300 (12) SOLID
- (5X) 600 (24) SOLID
- (6X) 100 (4) DOUBLE SOLID
- (7X) 100 (4) SKIP DASH
- (8X) 150 (6) SKIP DASH
- (9X) 200 (8) SKIP DASH
- (10X) 200 (8) DOTTED
- (11X) LETTERS AND ARROWS

RAISED REFLECTIVE PAVEMENT MARKERS

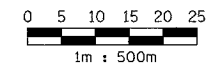
- 1 ◁ ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
- 2 ◁ ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
- 3 ◁ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
- 4 ◁ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
- 5 ◁ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
- 6 ◁ TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH

WHERE "X" DESIGNATES:
 E = EPOXY — WHITE
 P = PAINT — YELLOW
 T = THERMOPLASTIC
 U = POLYUREA
 TP= TEMPORARY PAVEMENT MARKING TAPE
 T3= PAVEMENT MARKING TAPE, TYPE III

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



- NOTE:**
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 2. LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.



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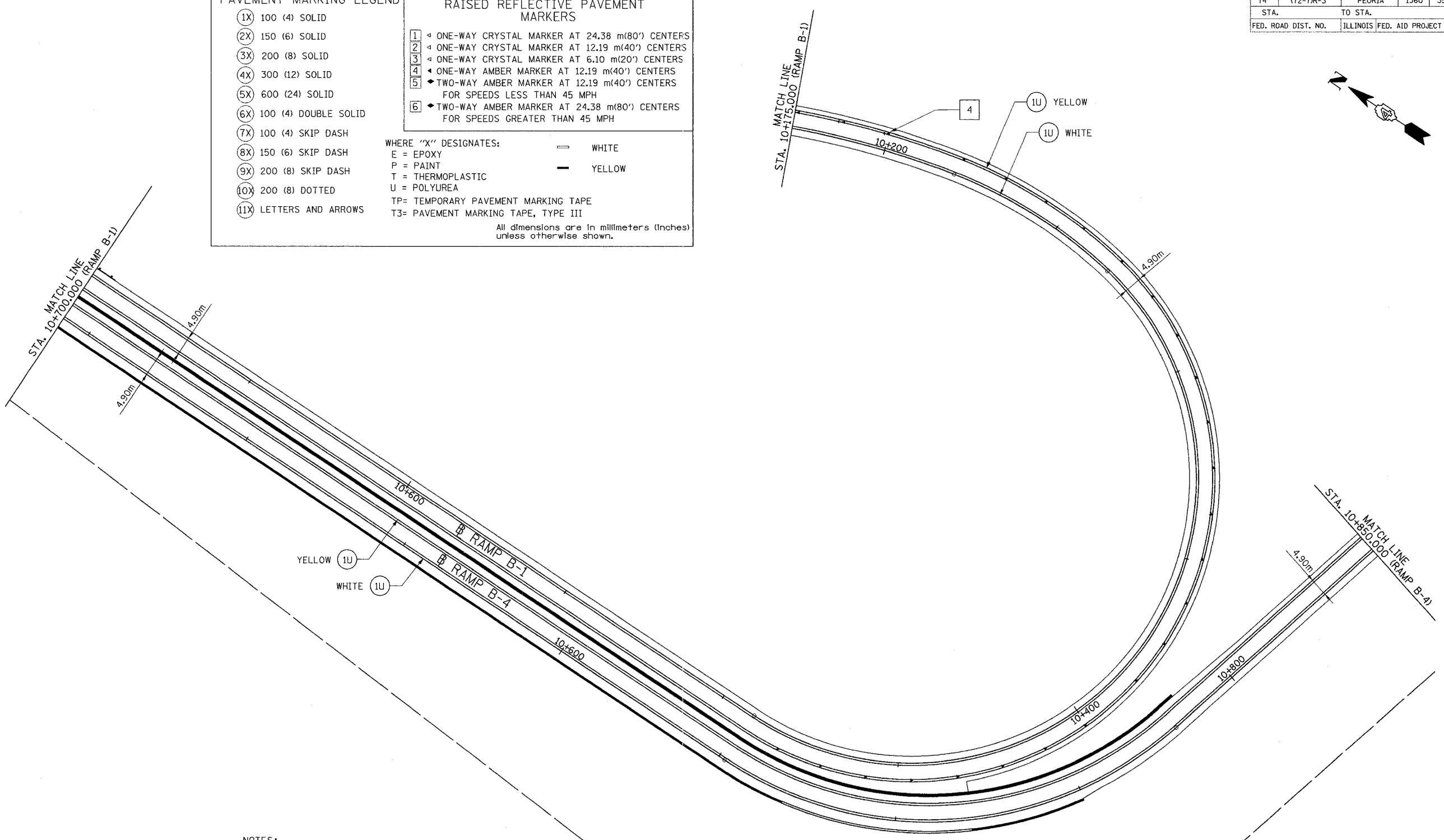
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 143+650.000 - STA. 143+950.000
 DRAWN BY CADD
 CHECKED BY MWP
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	356
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS	
(1X)	100 (4) SOLID	1	ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X)	150 (6) SOLID	2	ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X)	200 (8) SOLID	3	ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X)	300 (12) SOLID	4	ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X)	600 (24) SOLID	5	TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X)	100 (4) DOUBLE SOLID	6	TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X)	100 (4) SKIP DASH	WHERE "X" DESIGNATES:	
(8X)	150 (6) SKIP DASH	E	EPOXY
(9X)	200 (8) SKIP DASH	P	PAINT
(10X)	200 (8) DOTTED	T	THERMOPLASTIC
(11X)	LETTERS AND ARROWS	U	POLYUREA
		TP	TEMPORARY PAVEMENT MARKING TAPE
		T3	PAVEMENT MARKING TAPE, TYPE III

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



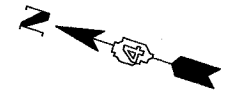
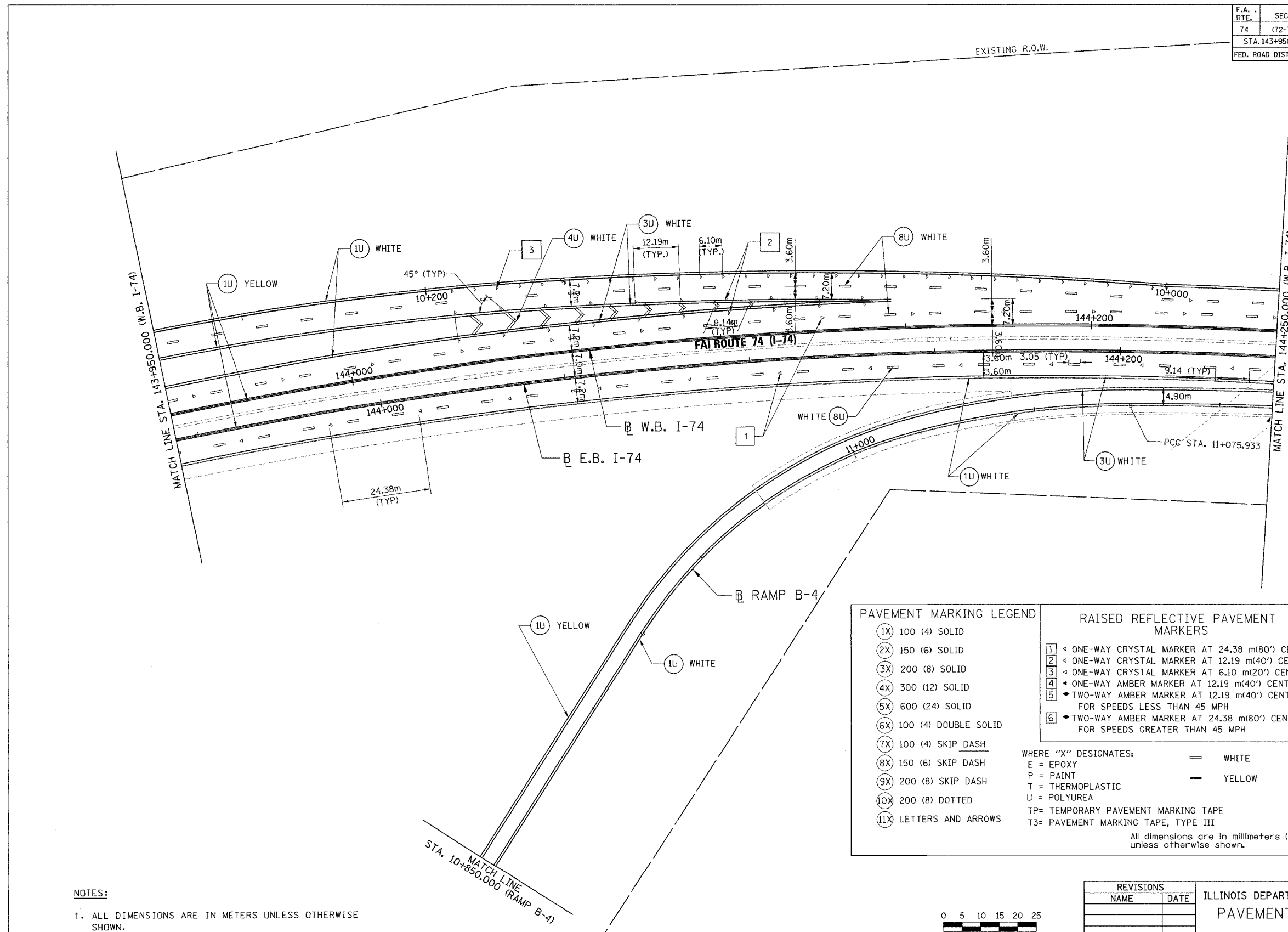
- NOTES:
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
 - LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 FAI ROUTE 74 (I-74) (WB)
 RAMP B-1 & RAMP B-4
 DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY KJW



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	357
STA. 143+950.000		TO STA. 144+250.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

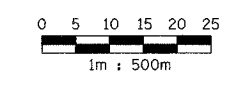


PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS	
(1X)	100 (4) SOLID	1	◁ ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X)	150 (6) SOLID	2	◁ ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X)	200 (8) SOLID	3	◁ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X)	300 (12) SOLID	4	◁ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X)	600 (24) SOLID	5	◆ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X)	100 (4) DOUBLE SOLID	6	◆ TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X)	100 (4) SKIP DASH		
(8X)	150 (6) SKIP DASH		
(9X)	200 (8) SKIP DASH		
(10X)	200 (8) DOTTED		
(11X)	LETTERS AND ARROWS		

WHERE "X" DESIGNATES: = WHITE
E = EPOXY = YELLOW
P = PAINT
T = THERMOPLASTIC
U = POLYUREA
TP= TEMPORARY PAVEMENT MARKING TAPE
T3= PAVEMENT MARKING TAPE, TYPE III

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

- NOTES:**
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
 2. LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.

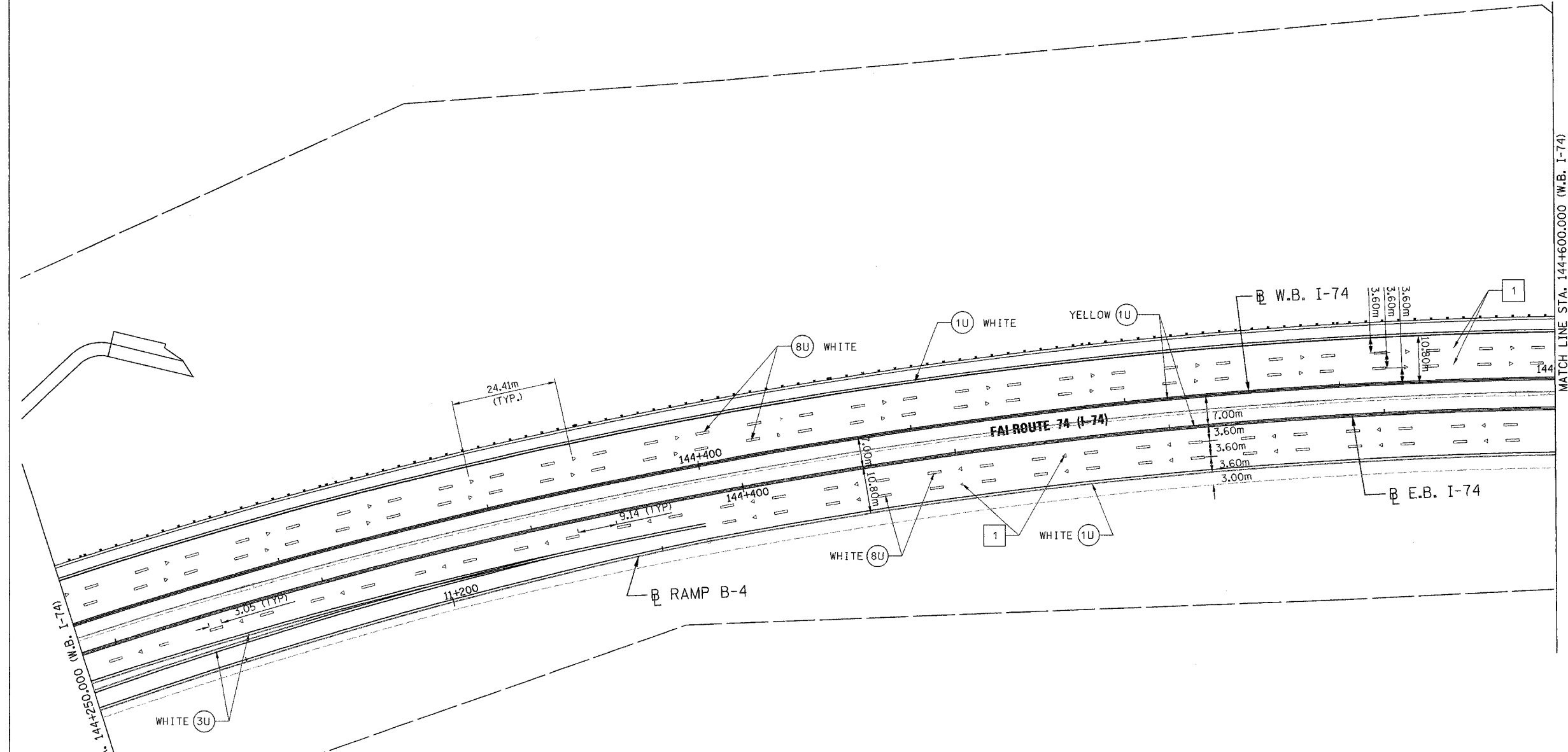


PARSONS
TRANSPORTATION GROUP
Engineers and Planners

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
FAI ROUTE 74 (I-74) (WB)
STA. 143+950.000 - STA. 144+250.000
DATE 11/12/04
DRAWN BY CADD
CHECKED BY KJW

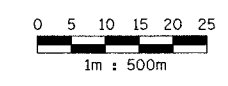
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	358
STA. 144+250.000		TO STA. 144+600.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 144+000.000 (W.B. I-74)

MATCH LINE STA. 144+600.000 (W.B. I-74)

PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS	
(1X)	100 (4) SOLID	1	ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X)	150 (6) SOLID	2	ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X)	200 (8) SOLID	3	ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X)	300 (12) SOLID	4	ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X)	600 (24) SOLID	5	TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X)	100 (4) DOUBLE SOLID	6	TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X)	100 (4) SKIP DASH	WHERE "X" DESIGNATES:	
(8X)	150 (6) SKIP DASH	—	WHITE
(9X)	200 (8) SKIP DASH	—	YELLOW
(10X)	200 (8) DOTTED	E = EPOXY	
(11X)	LETTERS AND ARROWS	P = PAINT	
		T = THERMOPLASTIC	
		U = POLYUREA	
		TP= TEMPORARY PAVEMENT MARKING TAPE	
		T3= PAVEMENT MARKING TAPE, TYPE III	

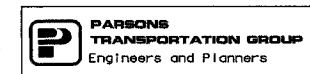


NOTES:

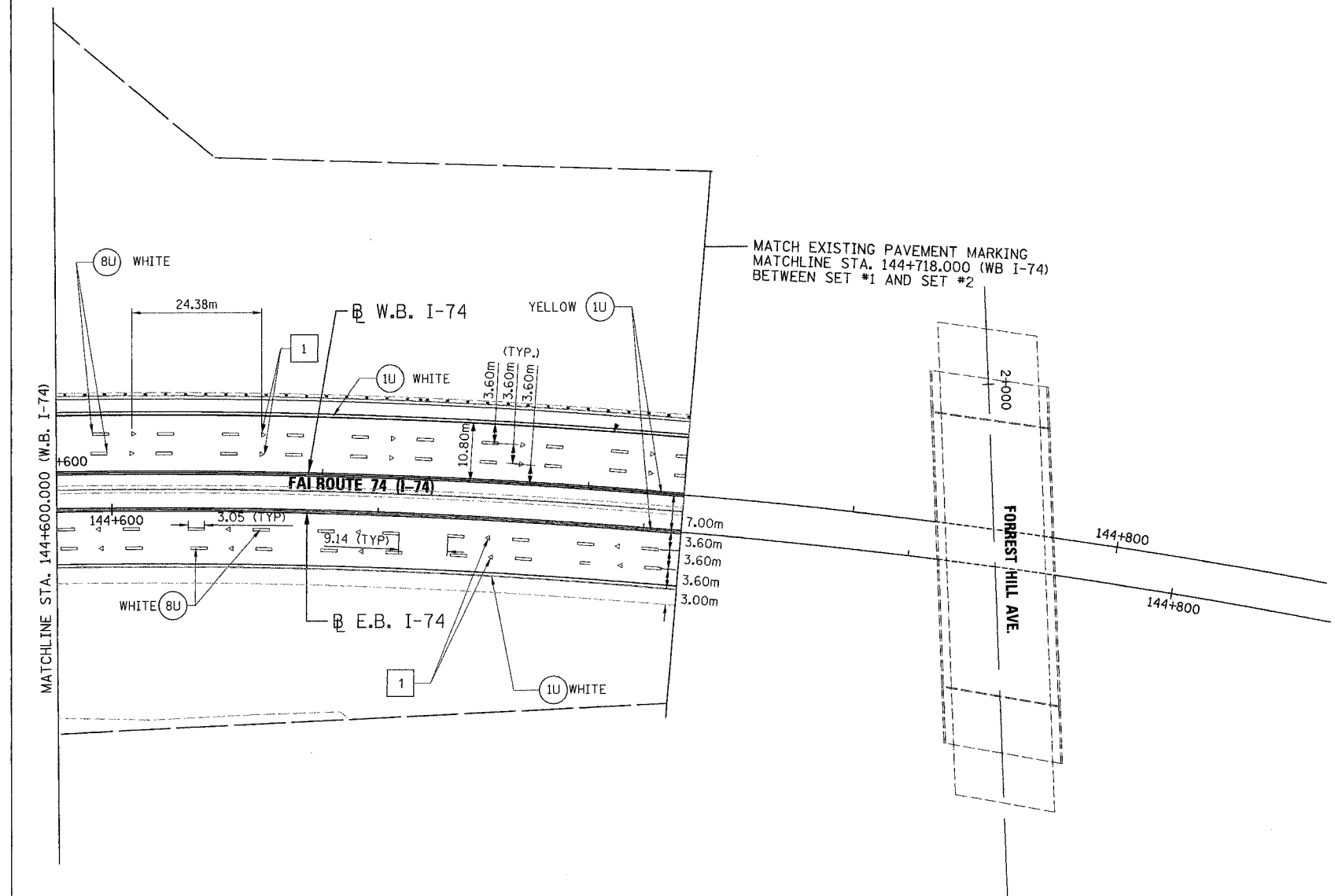
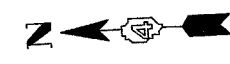
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
- LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 144+250.000 - STA. 144+600.000
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	359
STA. 144+600.000		TO STA. 144+718.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



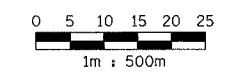
PAVEMENT MARKING LEGEND	RAISED REFLECTIVE PAVEMENT MARKERS
(1X) 100 (4) SOLID	(1) ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X) 150 (6) SOLID	(2) ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X) 200 (8) SOLID	(3) ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X) 300 (12) SOLID	(4) ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X) 600 (24) SOLID	(5) TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X) 100 (4) DOUBLE SOLID	(6) TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X) 100 (4) SKIP DASH	
(8X) 150 (6) SKIP DASH	
(9X) 200 (8) SKIP DASH	
(10X) 200 (8) DOTTED	
(11X) LETTERS AND ARROWS	

WHERE "X" DESIGNATES:	— WHITE
E = EPOXY	— YELLOW
P = PAINT	
T = THERMOPLASTIC	
U = POLYUREA	
TP= TEMPORARY PAVEMENT MARKING TAPE	
T3= PAVEMENT MARKING TAPE, TYPE III	

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

NOTES:

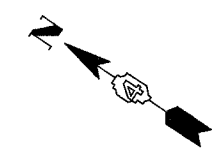
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
- LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 144+600.000 - STA. 144+718.000
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3	PEORIA	1360	360
STA. 38+965.067		TO STA. 39+150.000		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



PAVEMENT MARKING LEGEND

- (1X) 100 (4) SOLID
- (2X) 150 (6) SOLID
- (3X) 200 (8) SOLID
- (4X) 300 (12) SOLID
- (5X) 600 (24) SOLID
- (6X) 100 (4) DOUBLE SOLID
- (7X) 100 (4) SKIP DASH
- (8X) 150 (6) SKIP DASH
- (9X) 200 (8) SKIP DASH
- (10X) 200 (8) DOTTED
- (11X) LETTERS AND ARROWS

RAISED REFLECTIVE PAVEMENT MARKERS

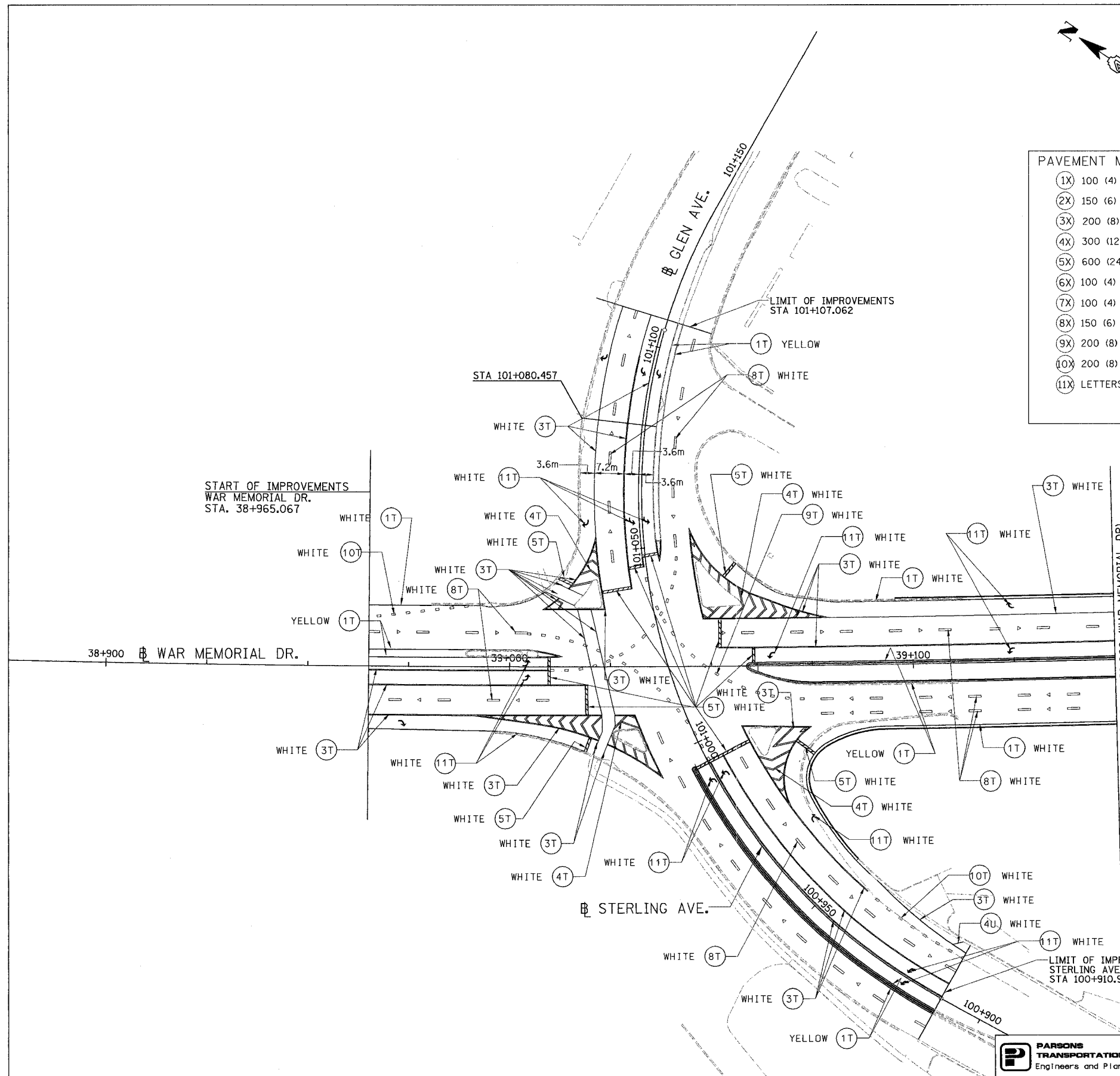
- 1 < ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
- 2 < ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
- 3 < ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
- 4 < ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
- 5 < TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
- 6 < TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH

WHERE "X" DESIGNATES:

- E = EPOXY
- P = PAINT
- T = THERMOPLASTIC
- U = POLYUREA
- TP= TEMPORARY PAVEMENT MARKING TAPE
- T3= PAVEMENT MARKING TAPE, TYPE III

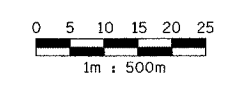
— WHITE
- YELLOW

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



MATCH LINE STA. 39+150.000 (WAR MEMORIAL DR)

- NOTES:
- SEE PAVEMENT MARKING DETAILS FOR MARKINGS LAYOUT DIMENSIONS.
 - LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 WAR MEMORIAL DRIVE
 STA. 38+965.067 - STA. 39+150.000

DATE 11/12/04

DRAWN BY CADD
 CHECKED BY KJW



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	362
STA. 39+500.000		TO STA. 39+850.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING LEGEND

- (1X) 100 (4) SOLID
- (2X) 150 (6) SOLID
- (3X) 200 (8) SOLID
- (4X) 300 (12) SOLID
- (5X) 600 (24) SOLID
- (6X) 100 (4) DOUBLE SOLID
- (7X) 100 (4) SKIP DASH
- (8X) 150 (6) SKIP DASH
- (9X) 200 (8) SKIP DASH
- (10X) 200 (8) DOTTED
- (11X) LETTERS AND ARROWS

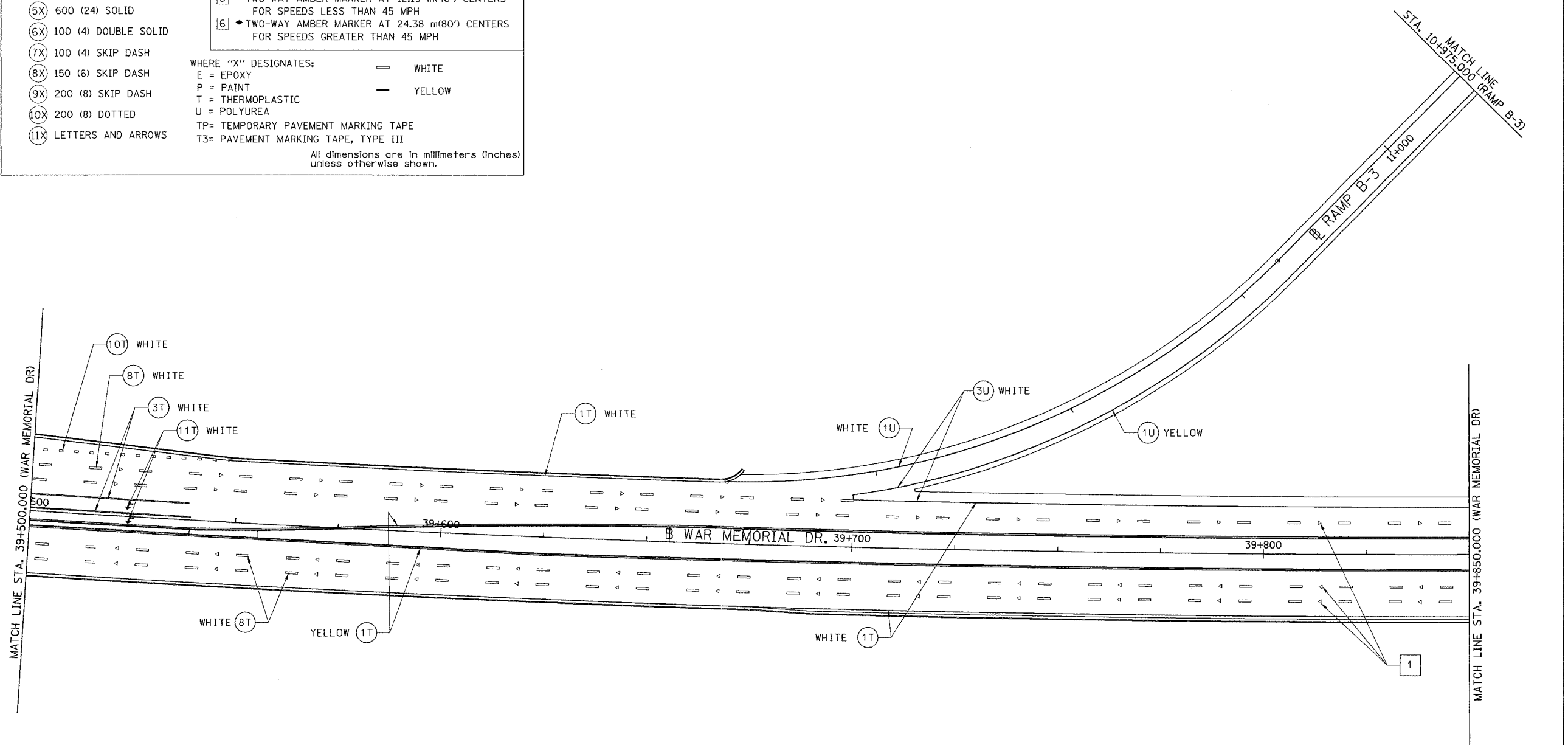
RAISED REFLECTIVE PAVEMENT MARKERS

- 1 < ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
- 2 < ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
- 3 < ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
- 4 < ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
- 5 ◆ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
- 6 ◆ TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH

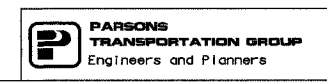
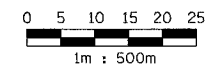
WHERE "X" DESIGNATES:

E = EPOXY	—	WHITE
P = PAINT	—	YELLOW
T = THERMOPLASTIC		
U = POLYUREA		
TP= TEMPORARY PAVEMENT MARKING TAPE		
T3= PAVEMENT MARKING TAPE, TYPE III		

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



- NOTES:**
1. SEE PAVEMENT MARKING DETAILS FOR MARKINGS LAYOUT DIMENSIONS.
 2. LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 WAR MEMORIAL DRIVE
 STA. 39+500.000 - STA. 39+850.000

DATE 11/12/04

DRAWN BY CADD
 CHECKED BY KJW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	363
STA. 39+850.000 TO STA. 40+175.000				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PAVEMENT MARKING LEGEND

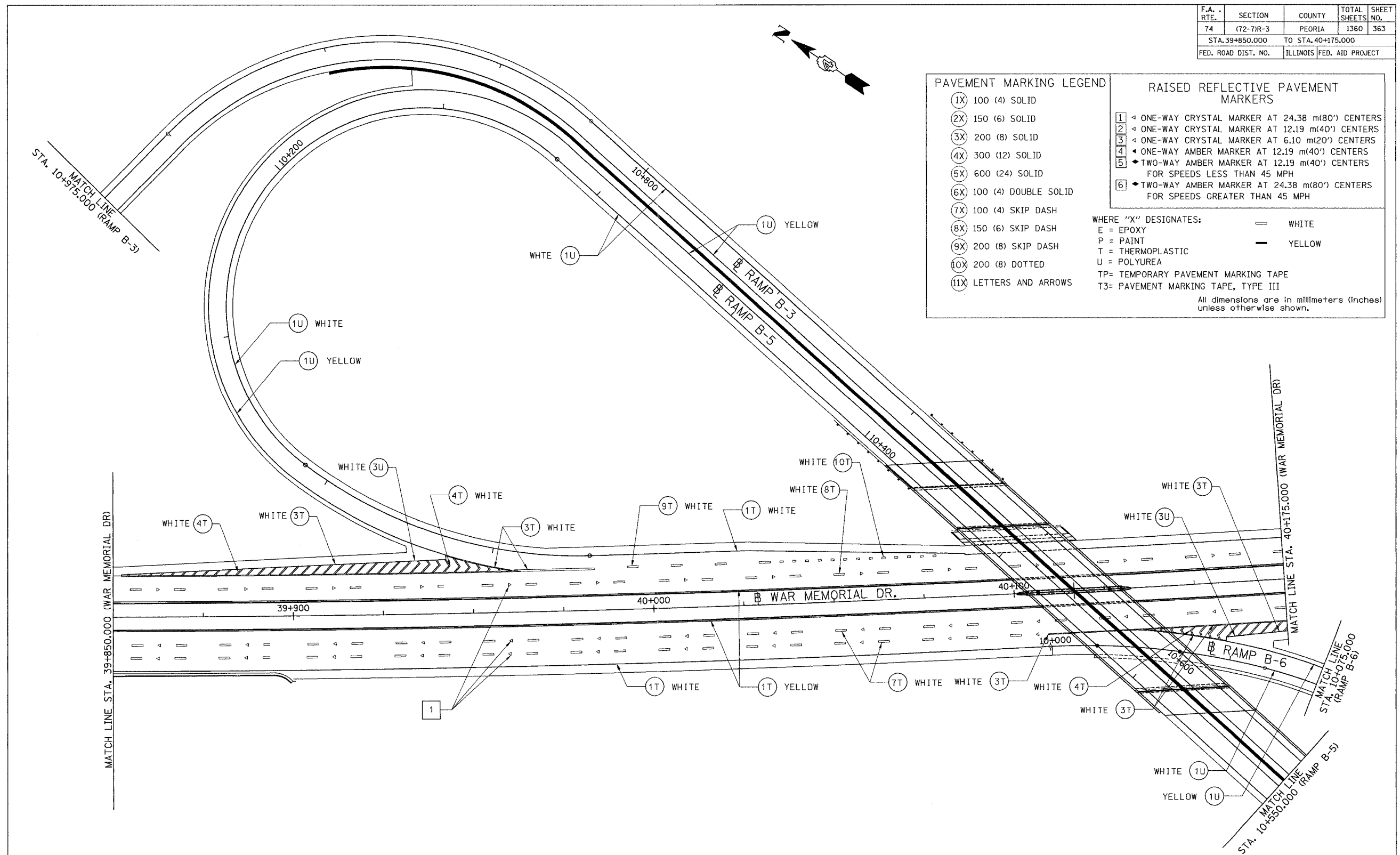
- (1X) 100 (4) SOLID
- (2X) 150 (6) SOLID
- (3X) 200 (8) SOLID
- (4X) 300 (12) SOLID
- (5X) 600 (24) SOLID
- (6X) 100 (4) DOUBLE SOLID
- (7X) 100 (4) SKIP DASH
- (8X) 150 (6) SKIP DASH
- (9X) 200 (8) SKIP DASH
- (10X) 200 (8) DOTTED
- (11X) LETTERS AND ARROWS

RAISED REFLECTIVE PAVEMENT MARKERS

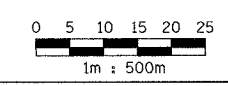
- 1 ◀ ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
- 2 ◀ ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
- 3 ◀ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
- 4 ◀ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
- 5 ▶ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
- 6 ▶ TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH

WHERE "X" DESIGNATES:
 E = EPOXY
 P = PAINT
 T = THERMOPLASTIC
 U = POLYUREA
 TP= TEMPORARY PAVEMENT MARKING TAPE
 T3= PAVEMENT MARKING TAPE, TYPE III

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



NOTES:
 1. SEE PAVEMENT MARKING DETAILS FOR MARKINGS LAYOUT DIMENSIONS.
 2. LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.

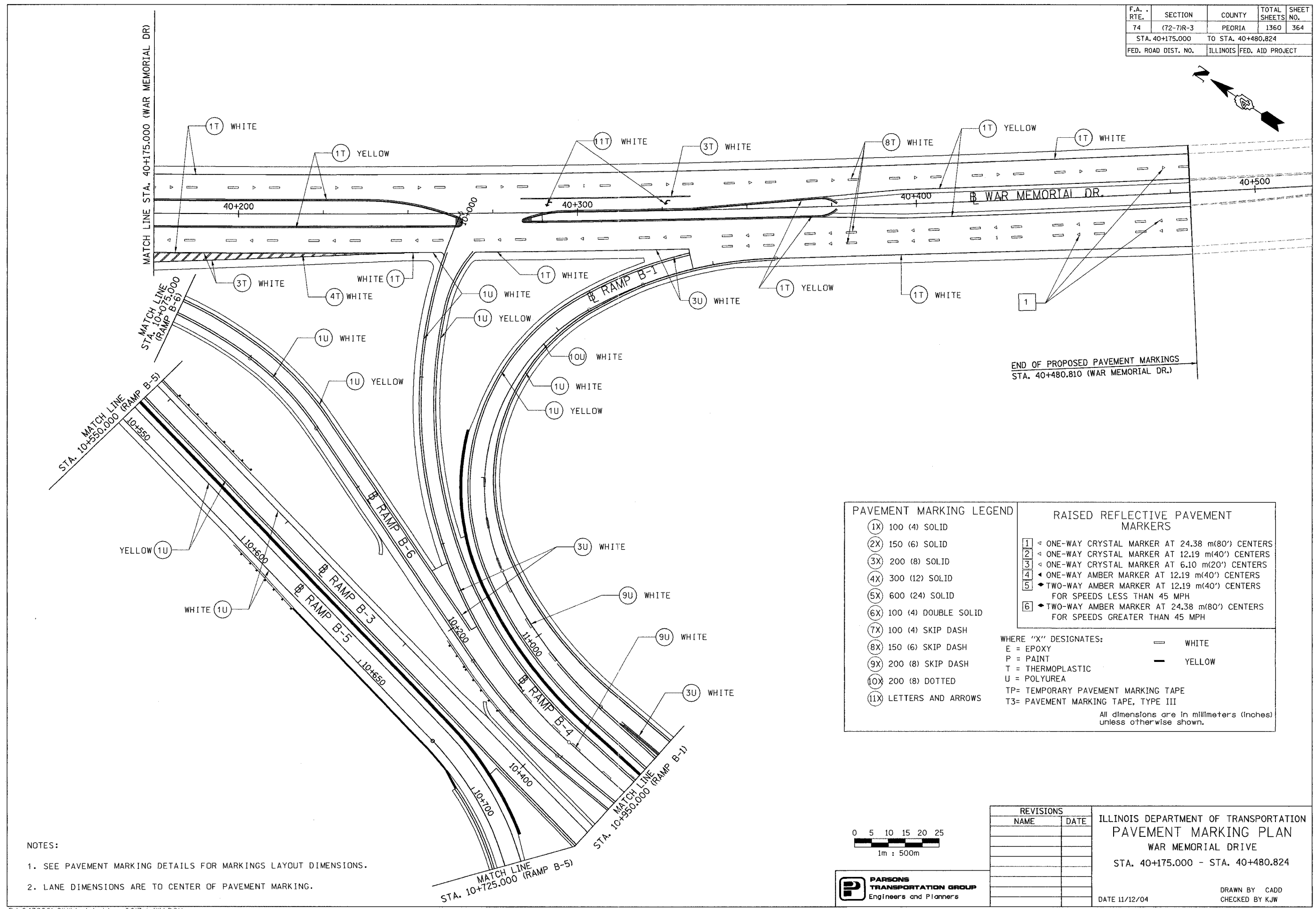


PARSONS TRANSPORTATION GROUP
 Engineers and Planners

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 WAR MEMORIAL DRIVE
 STA. 39+850.000 - STA. 40+175.000
 DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY KJW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	364
STA. 40+175.000		TO STA. 40+480.824		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



END OF PROPOSED PAVEMENT MARKINGS
STA. 40+480.810 (WAR MEMORIAL DR.)

PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS	
(1X)	100 (4) SOLID	1	ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X)	150 (6) SOLID	2	ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X)	200 (8) SOLID	3	ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X)	300 (12) SOLID	4	ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X)	600 (24) SOLID	5	TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X)	100 (4) DOUBLE SOLID	6	TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X)	100 (4) SKIP DASH		
(8X)	150 (6) SKIP DASH		
(9X)	200 (8) SKIP DASH		
(10X)	200 (8) DOTTED		
(11X)	LETTERS AND ARROWS		

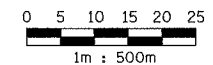
WHERE "X" DESIGNATES:

E = EPOXY	— WHITE
P = PAINT	— YELLOW
T = THERMOPLASTIC	
U = POLYUREA	

TP= TEMPORARY PAVEMENT MARKING TAPE
T3= PAVEMENT MARKING TAPE, TYPE III

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

- NOTES:
- SEE PAVEMENT MARKING DETAILS FOR MARKINGS LAYOUT DIMENSIONS.
 - LANE DIMENSIONS ARE TO CENTER OF PAVEMENT MARKING.



PARSONS
TRANSPORTATION GROUP
Engineers and Planners

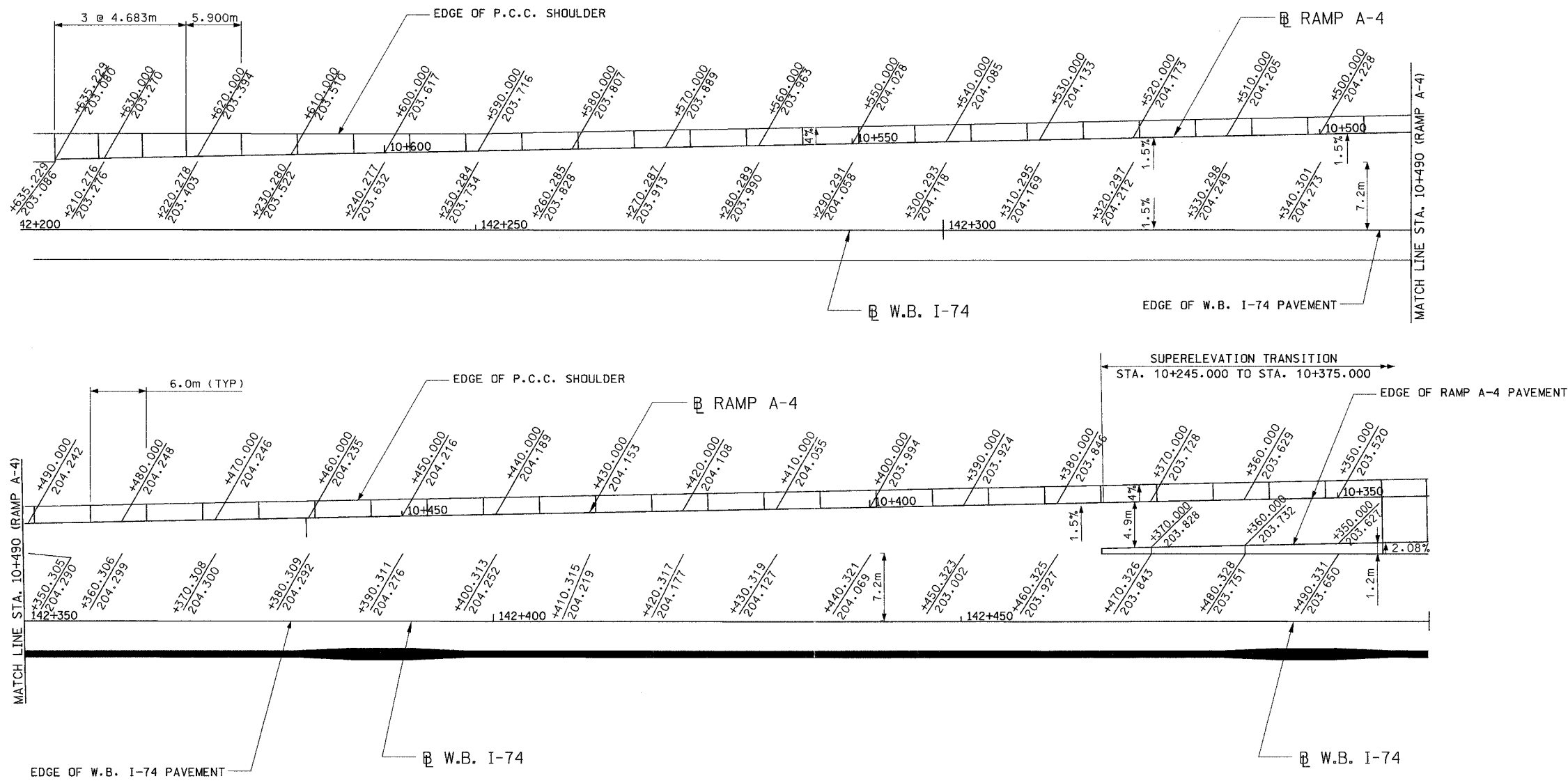
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
WAR MEMORIAL DRIVE
STA. 40+175.000 - STA. 40+480.824

DATE 11/12/04

DRAWN BY CADD
CHECKED BY KJW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1365	346
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

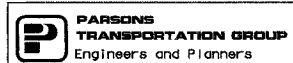
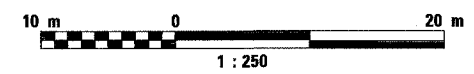
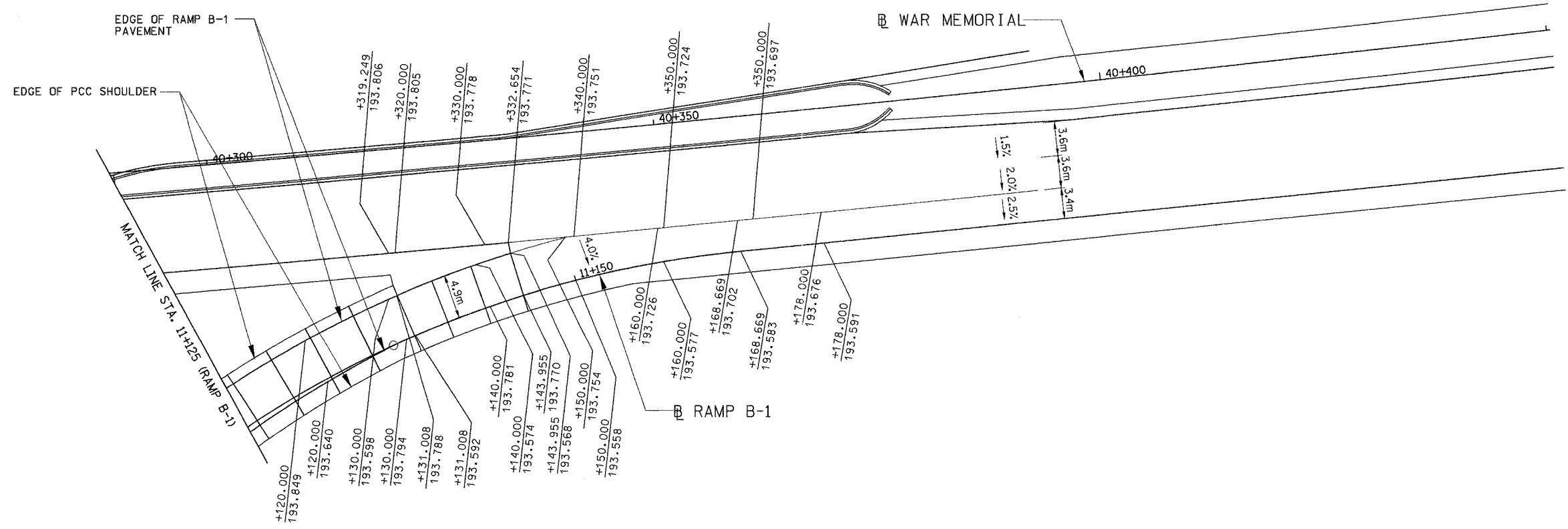
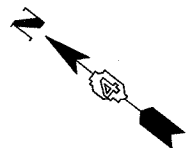


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GORE DETAILS
 FAI ROUTE 74 (I-74) (WB)
 RAMP A-4
 DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY MWP



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	367
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GORE DETAILS

FAI ROUTE 74 (I-74) (WB)

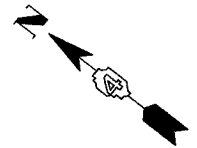
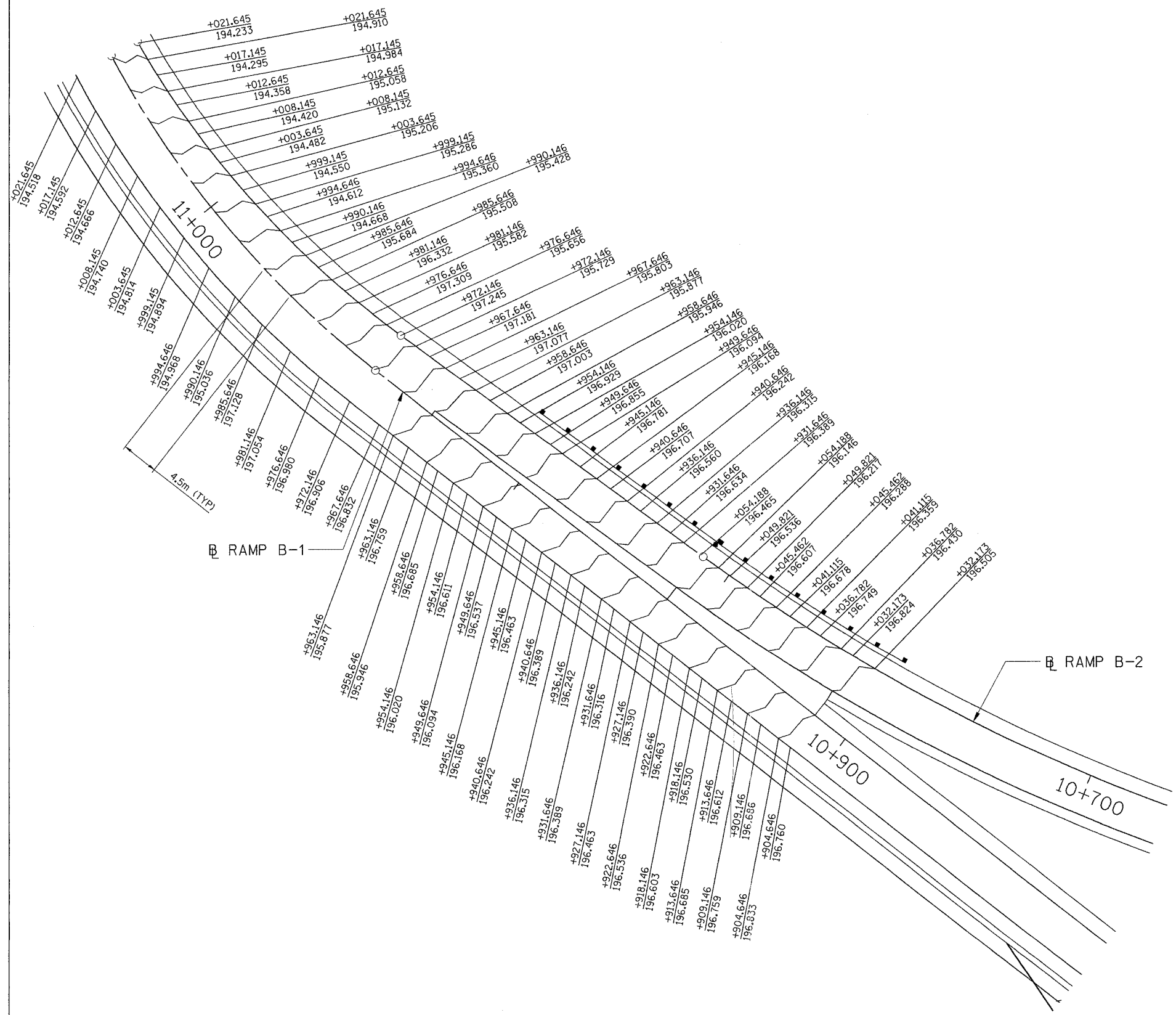
RAMP B-1

DATE 11/12/04

DRAWN BY CADD

CHECKED BY MWP

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	368
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

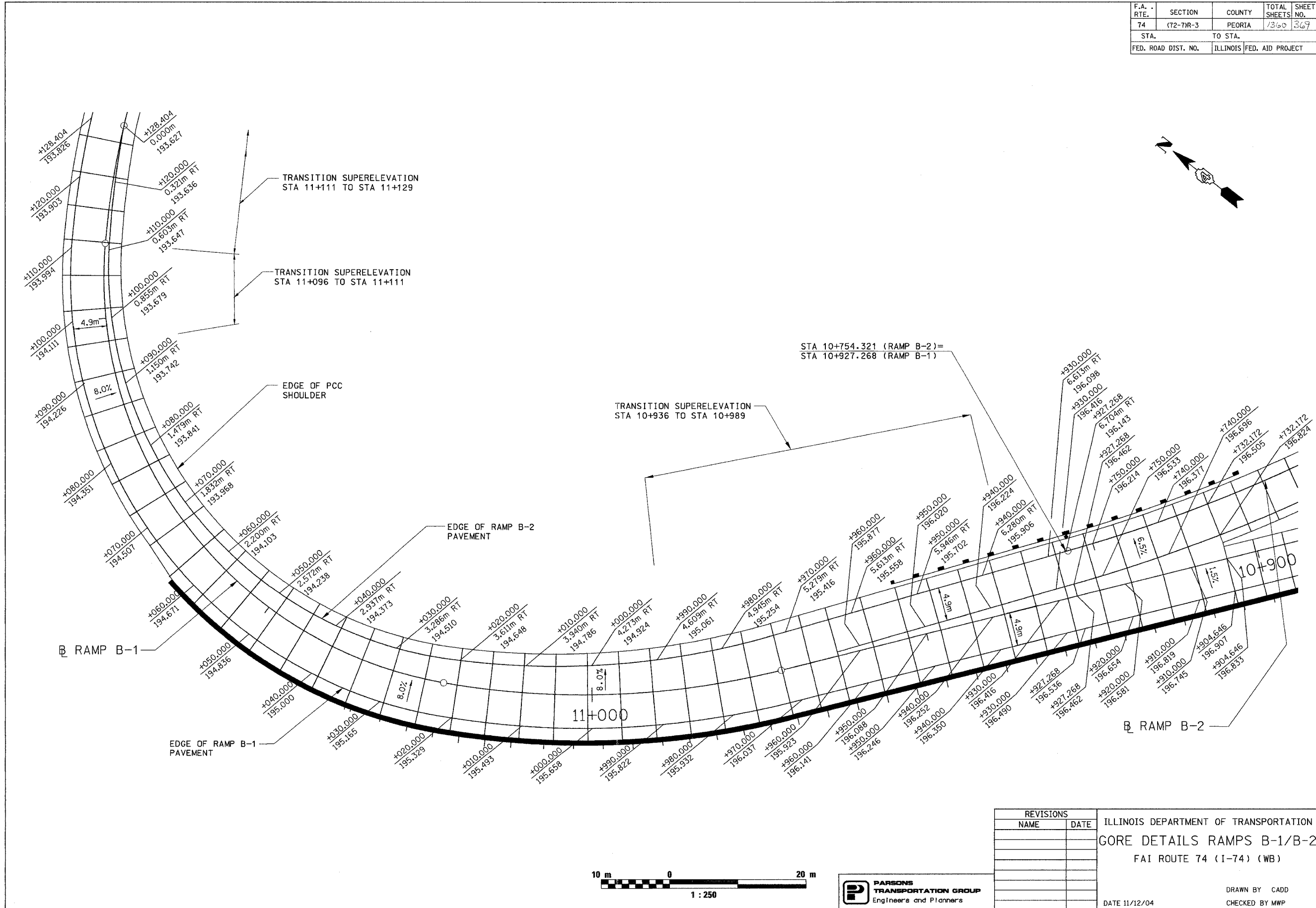


PARSONS
TRANSPORTATION GROUP
Engineers and Planners

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CORE DETAILS
FAI ROUTE 74 (I-74) (WB)
RAMP B-1
DRAWN BY CADD
CHECKED BY KMM
DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	369
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

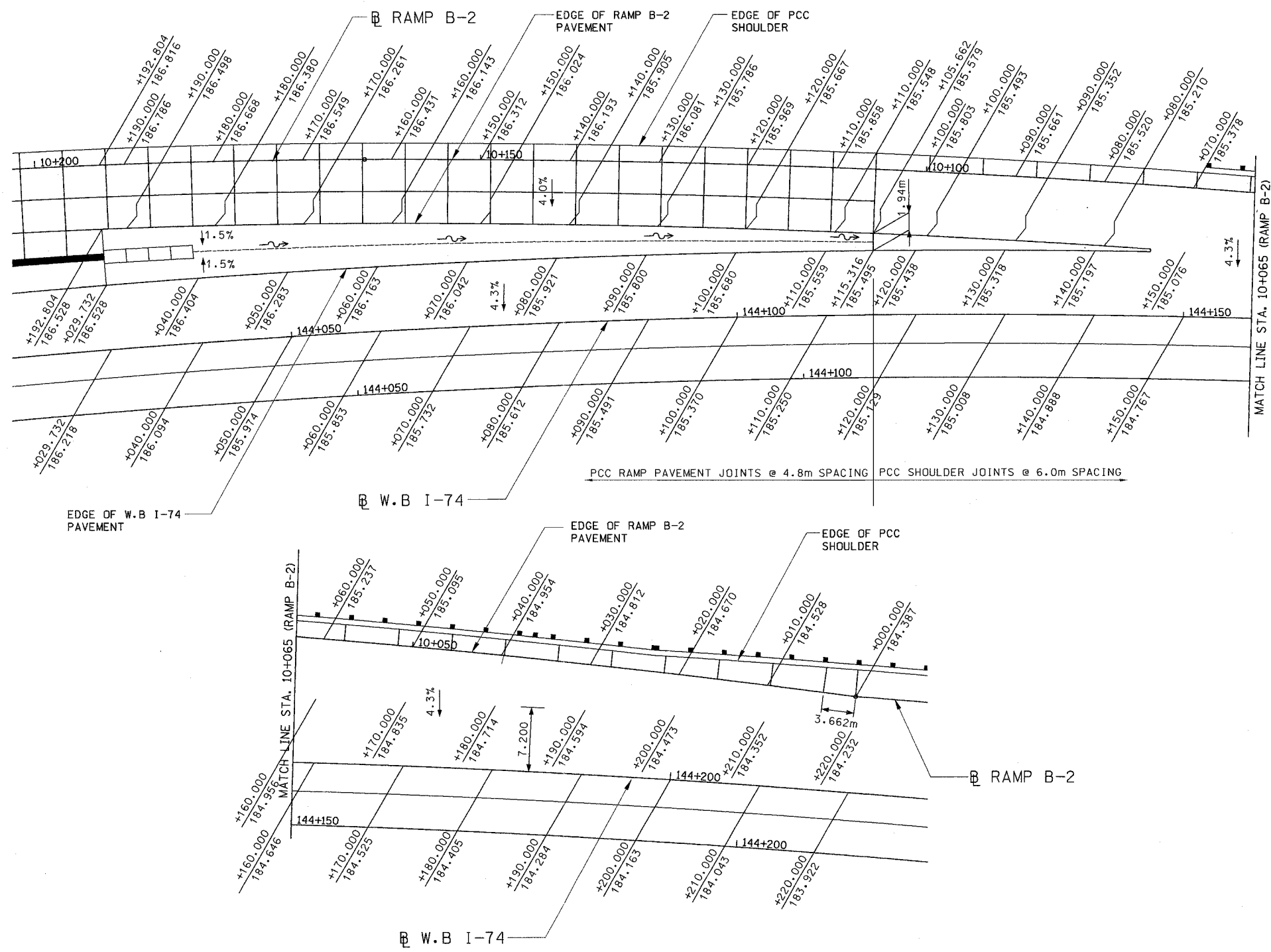


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GORE DETAILS RAMP B-1/B-2
 FAI ROUTE 74 (I-74) (WB)
 DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY MWP

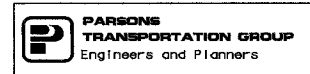


F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	370
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

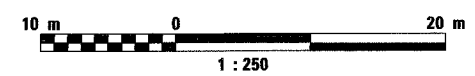
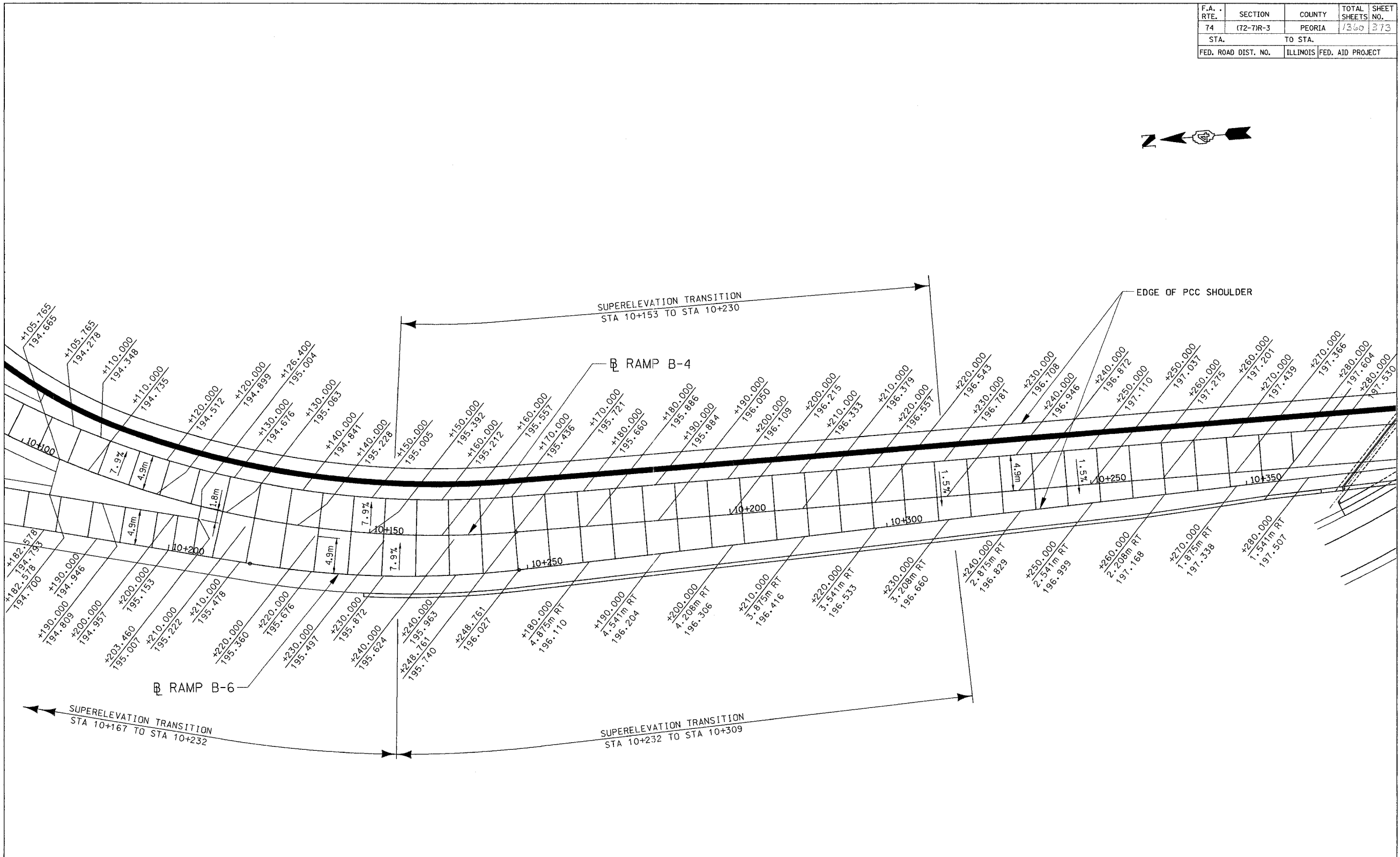


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GORE DETAILS
 FAI ROUTE 74 (I-74) (WB)
 RAMP B-2
 DRAWN BY EVI
 CHECKED BY MWP
 DATE 11/12/04

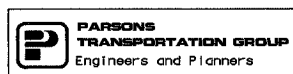


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	373
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

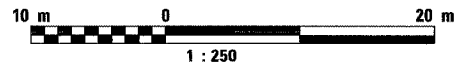
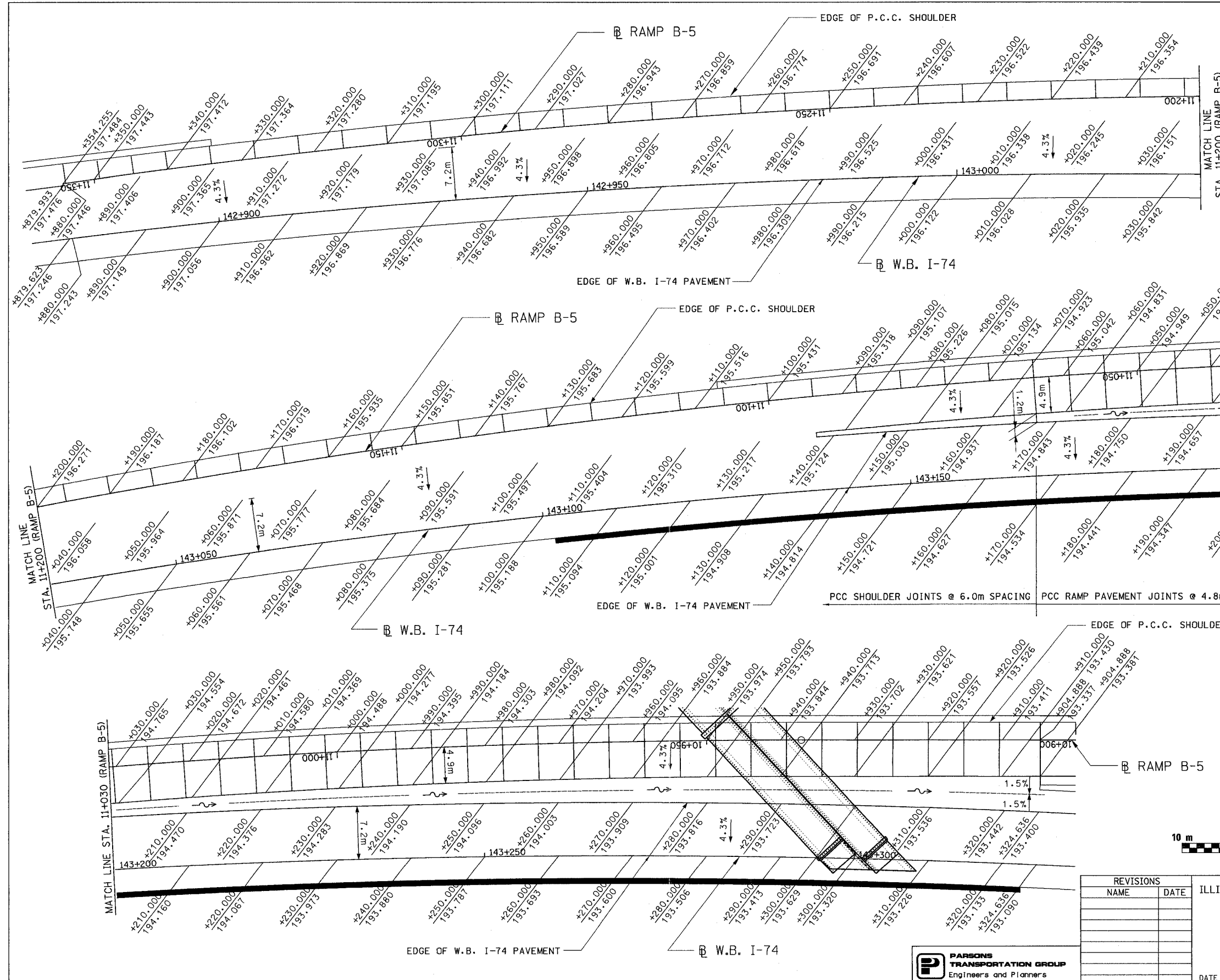


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GORE DETAILS RAMPS B-4/B-6
 FAI ROUTE 74 (I-74) (WB)
 DATE 11/12/04
 DRAWN BY EVI
 CHECKED BY MWP



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1374
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

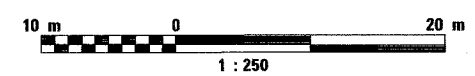
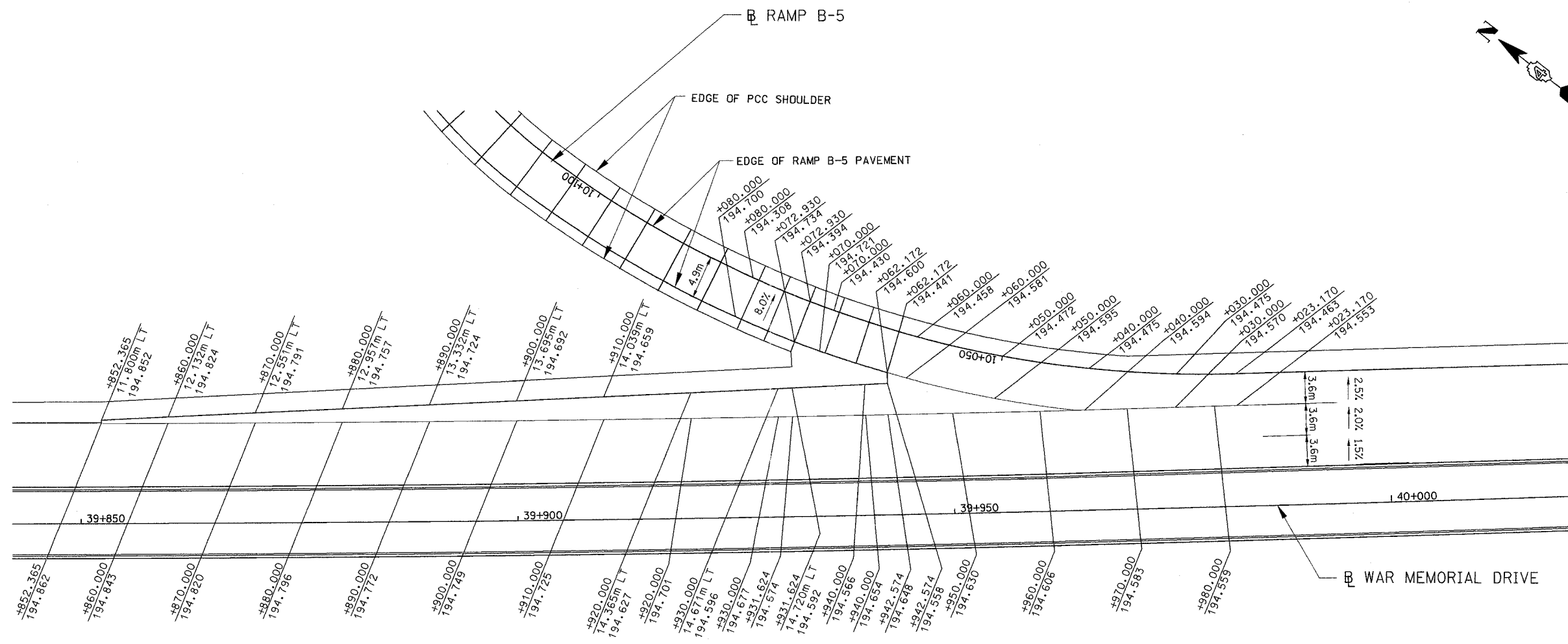
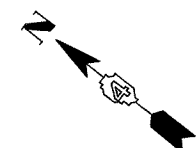


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GORE DETAILS
 FAI ROUTE 74 (I-74) (WB)
 RAMP B-5
 DATE 11/12/04
 DRAWN BY EVI
 CHECKED BY MWP



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	375
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

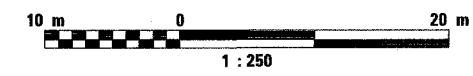
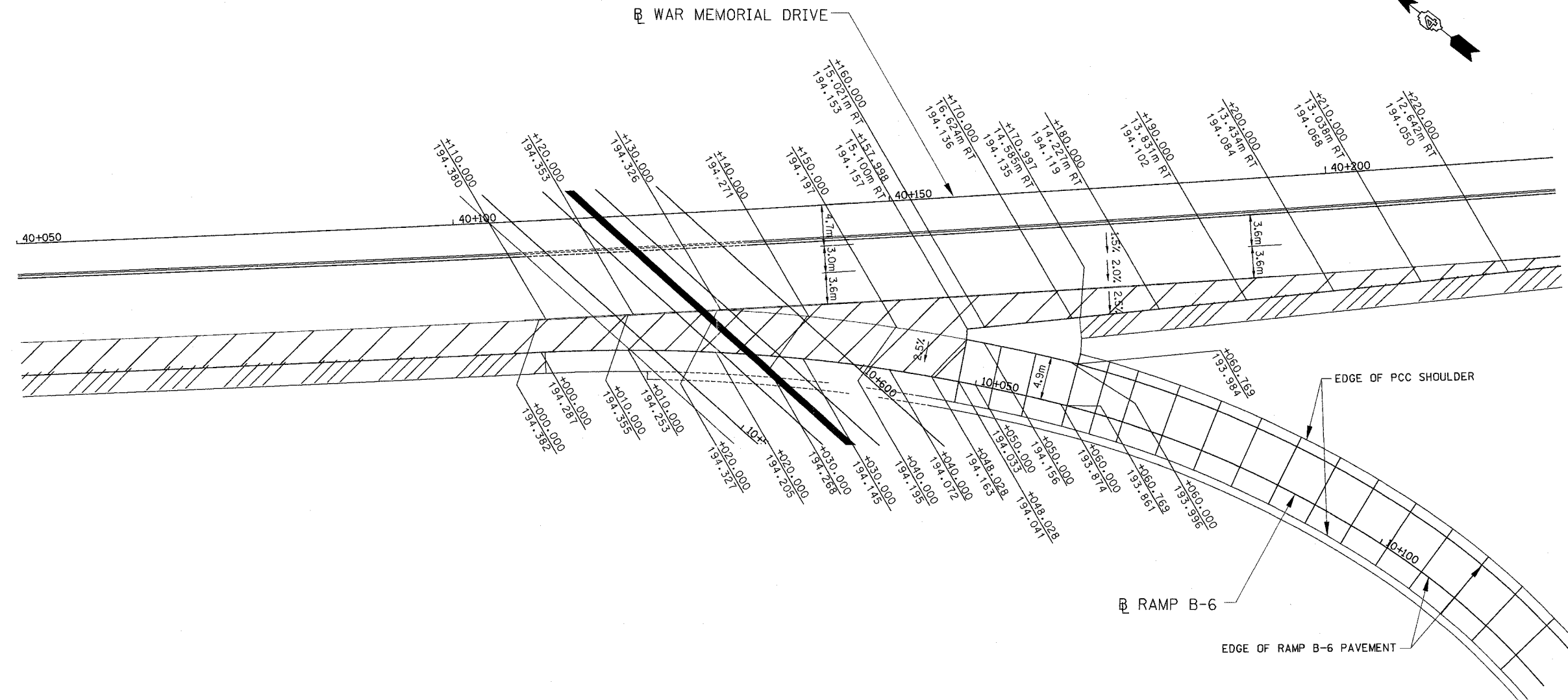
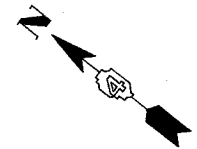


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GORE DETAILS RAMP B-5
 FAI ROUTE 74 (I-74) (WB)

DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY

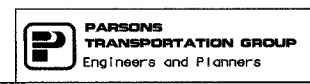
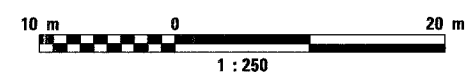
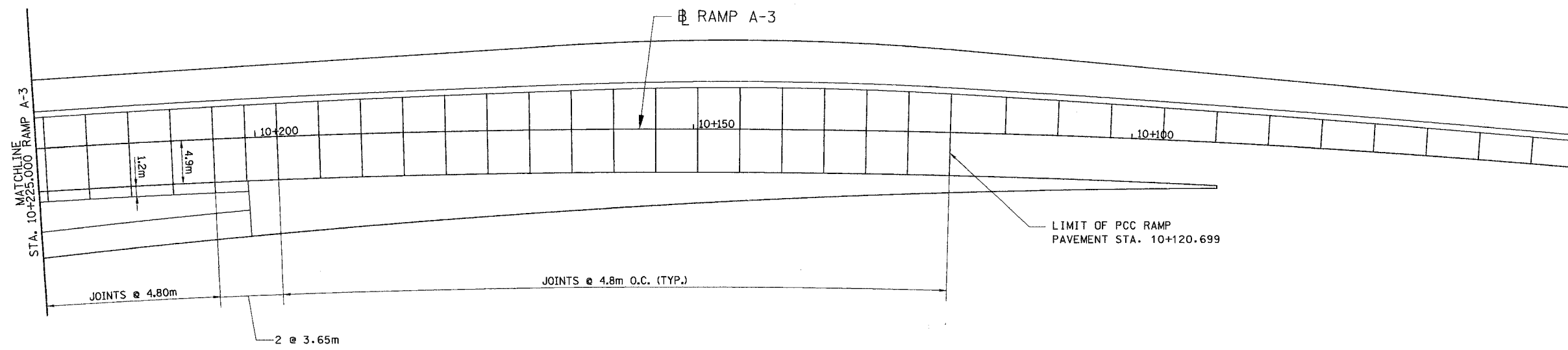
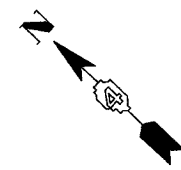
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	376
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GORE DETAILS
 FAI ROUTE 74 (I-74) (WB)
 RAMP B-6
 DRAWN BY CADD
 CHECKED BY MWP
 DATE 11/12/04

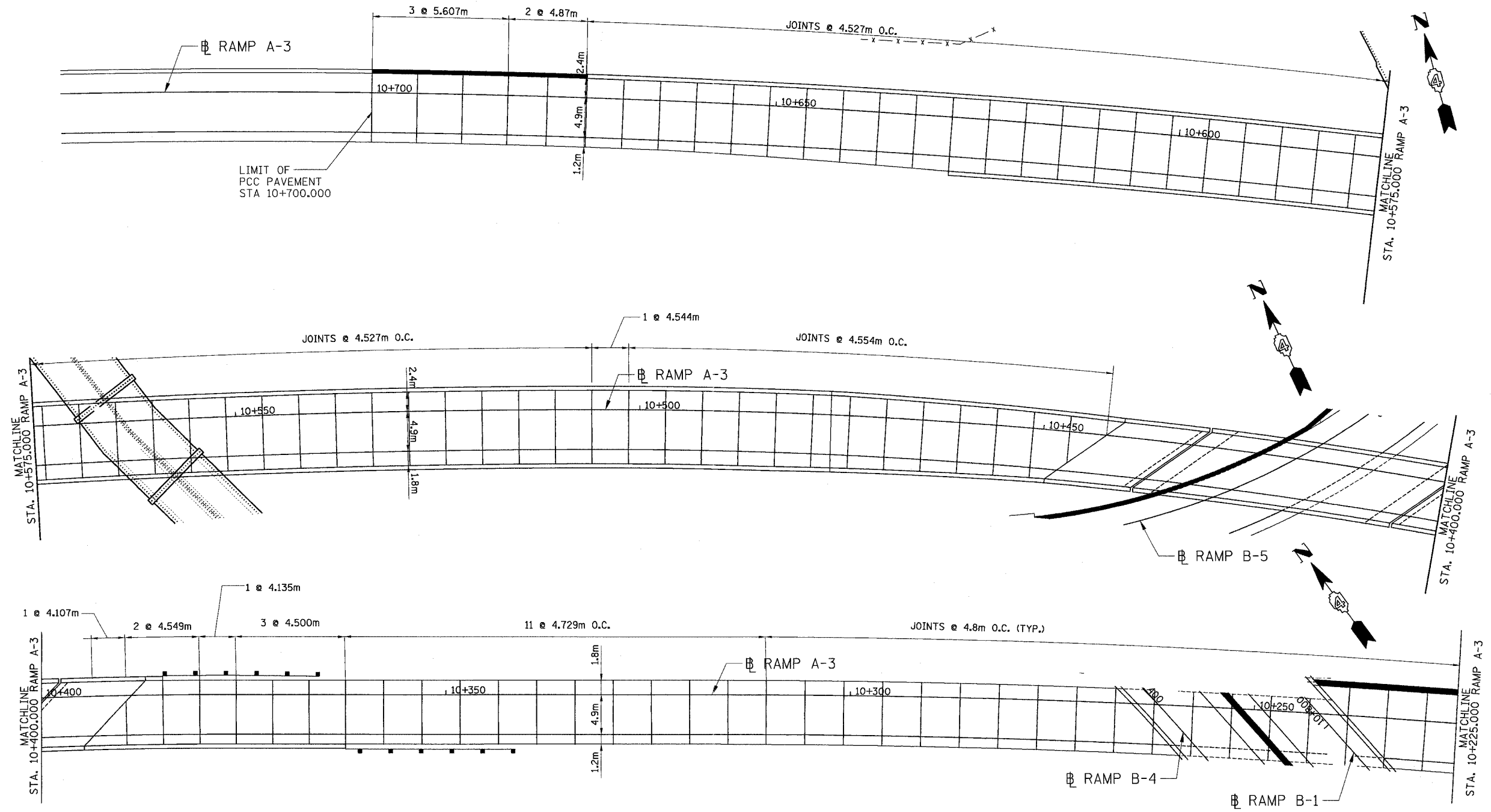
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	377
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



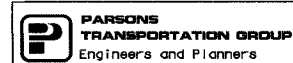
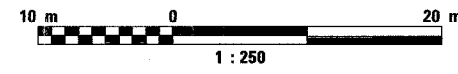
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
RAMP A-3
 DRAWN BY CADD
 CHECKED BY MWP
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	378
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



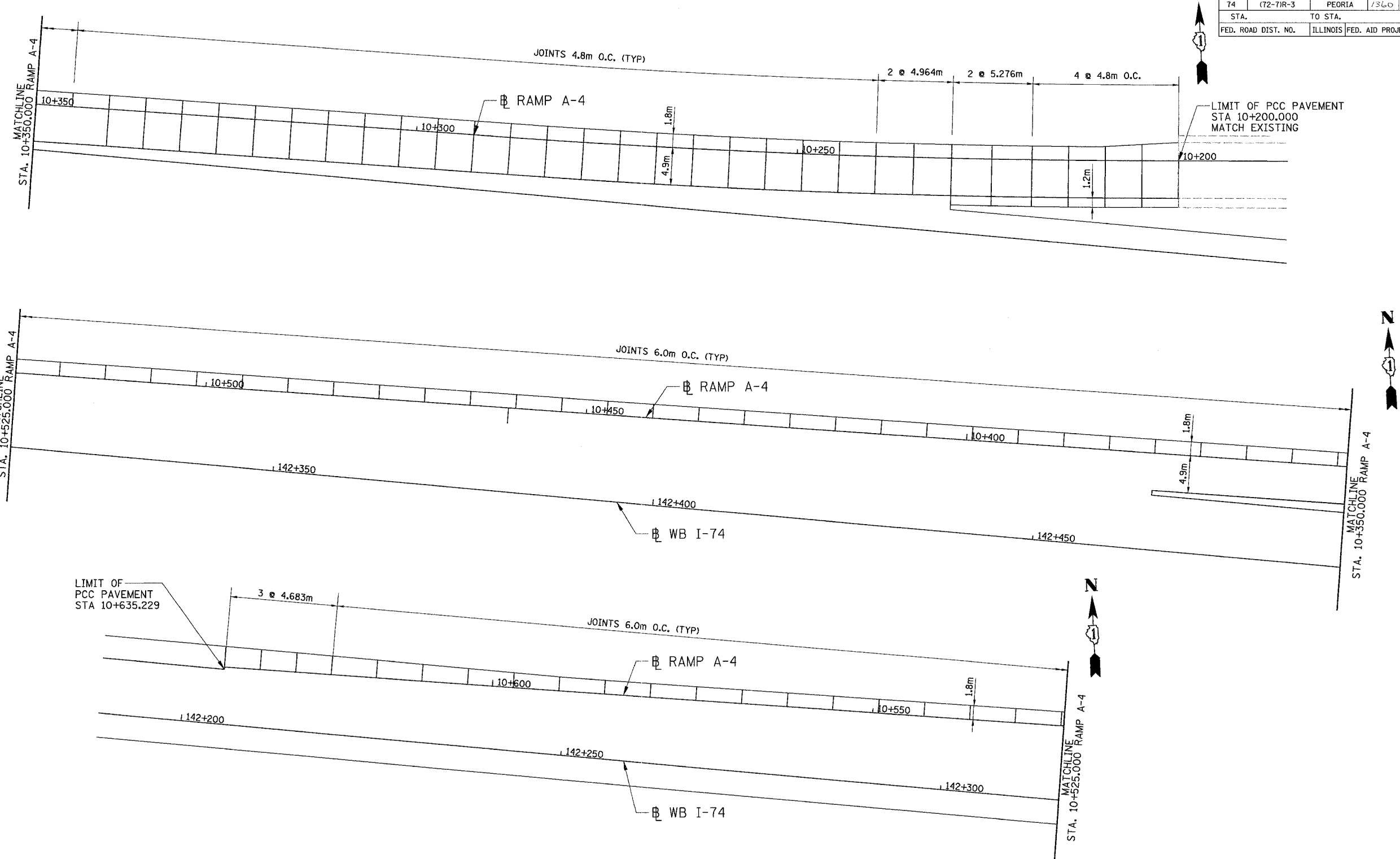
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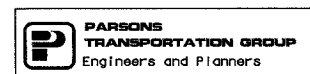
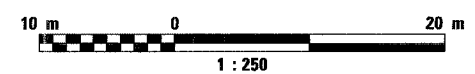
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
 RAMP A-3
 DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY KJW

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	379
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



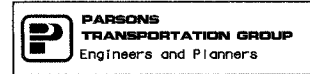
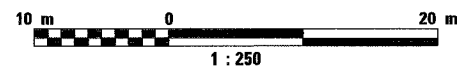
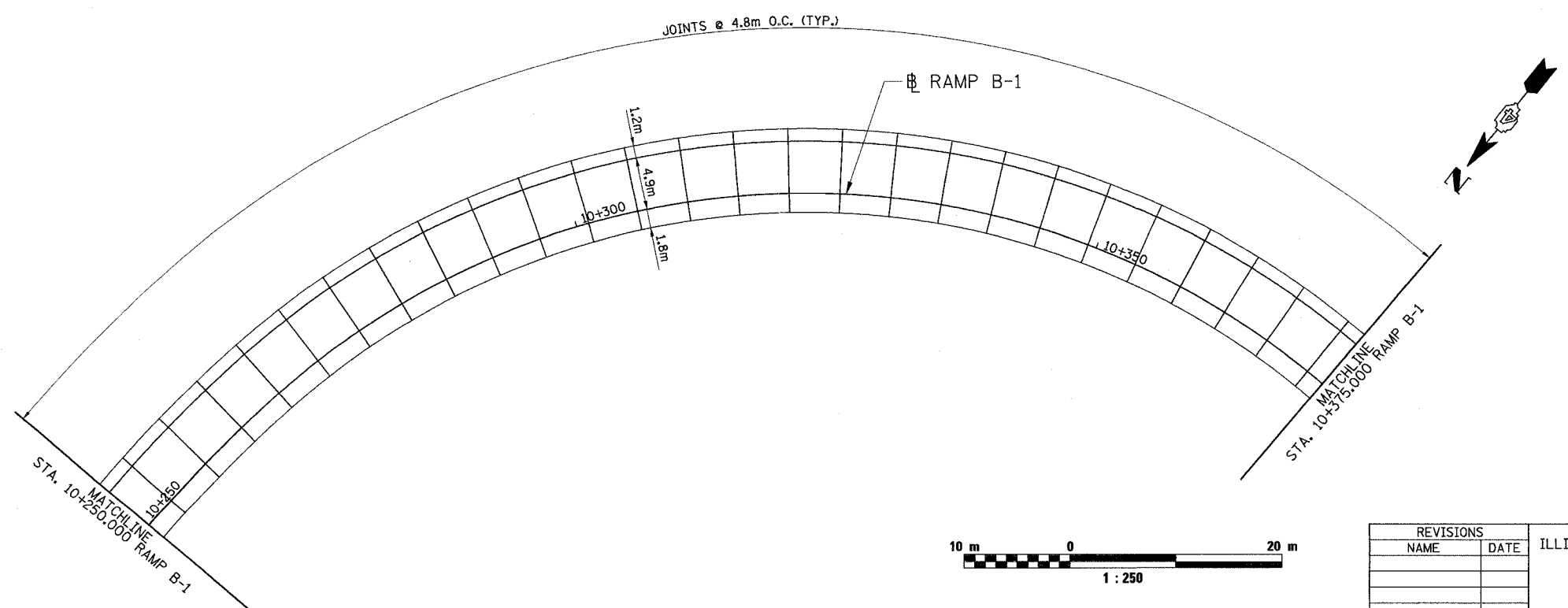
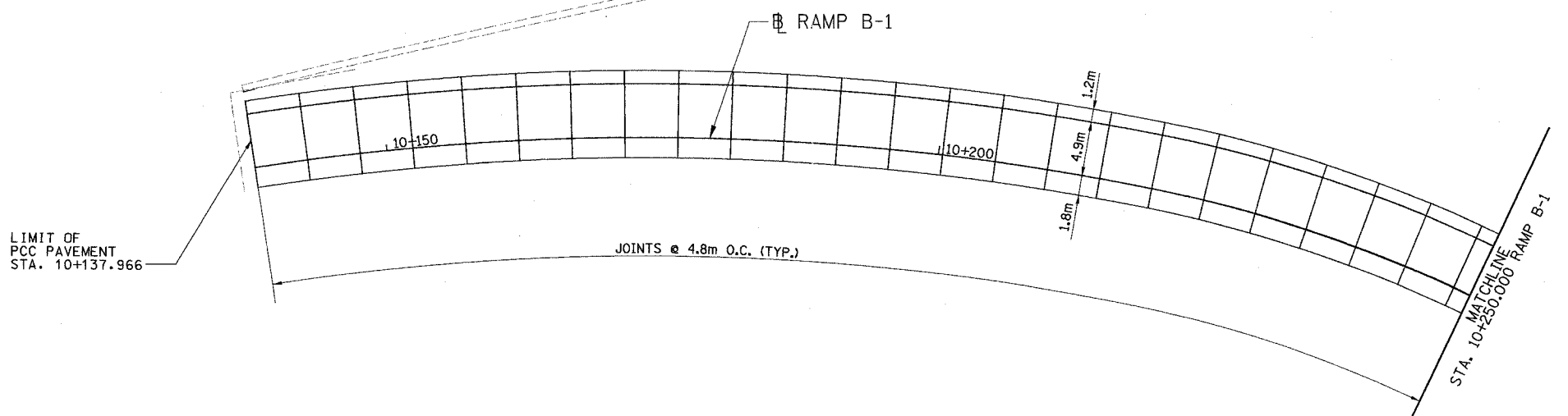
LIMIT OF PCC PAVEMENT STA 10+635.229



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
 RAMP A-4
 DRAWN BY CADD
 CHECKED BY KJW
 DATE 11/12/04

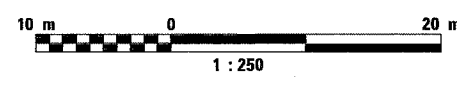
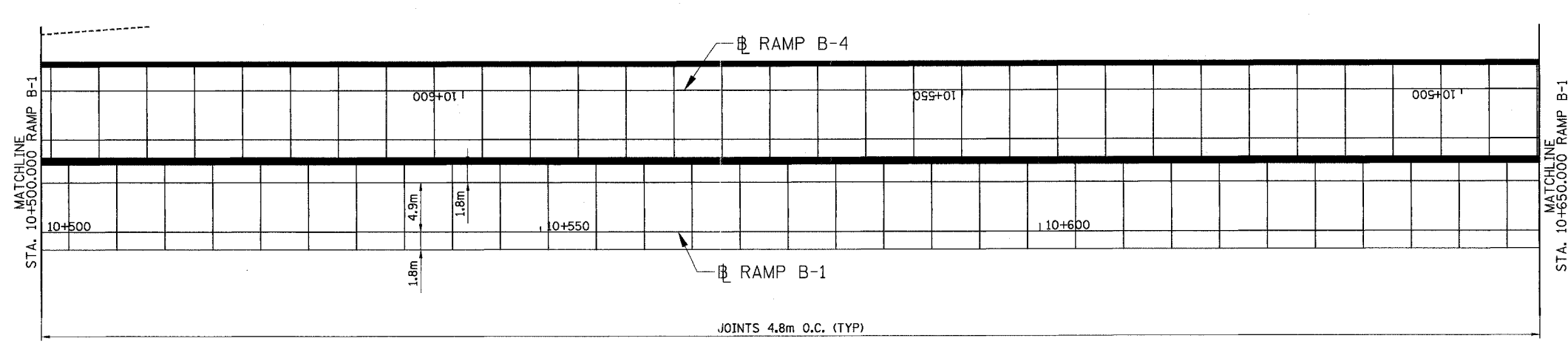
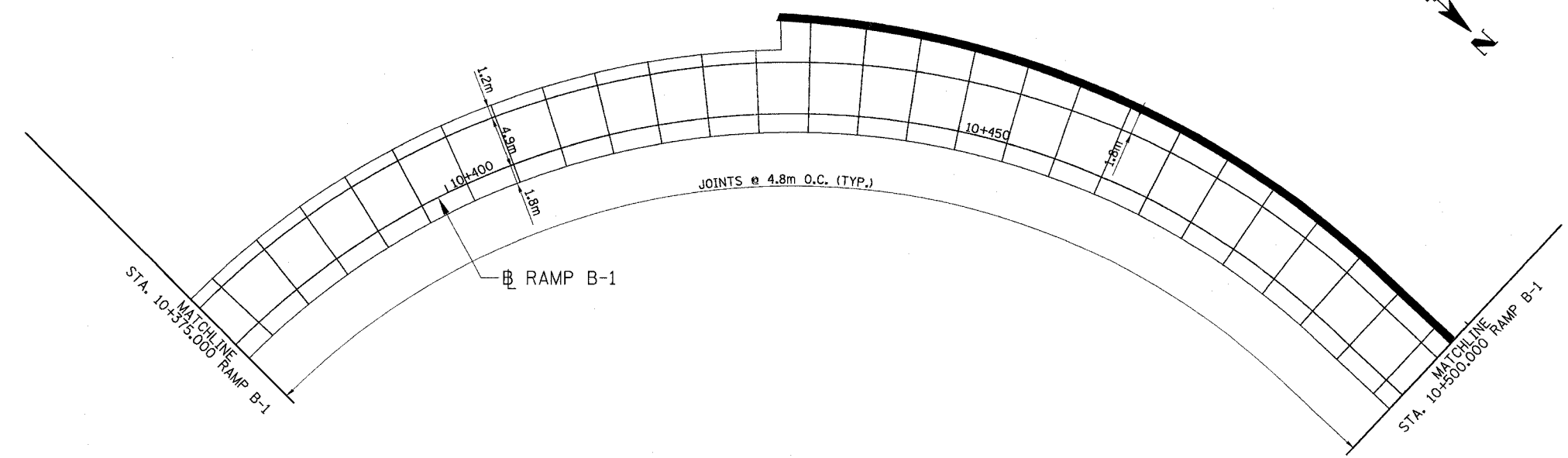
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	380
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
RAMP B-1
 DRAWN BY CADD
 DATE 11/12/04
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	381
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

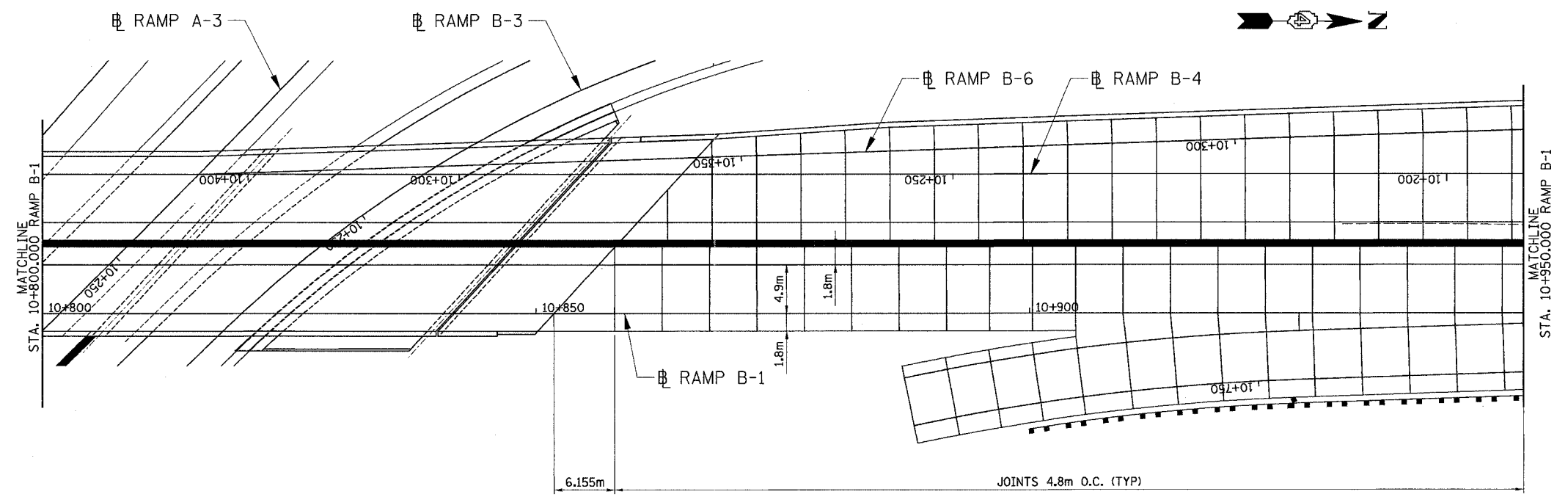
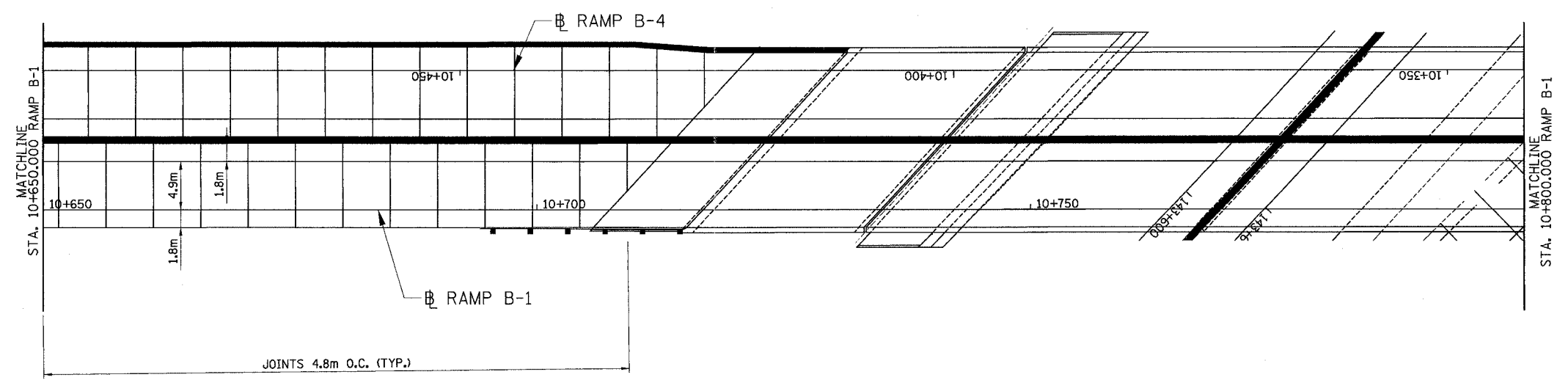


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 FAI ROUTE 74 (I-74) (WB)
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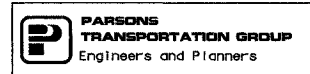


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	382
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

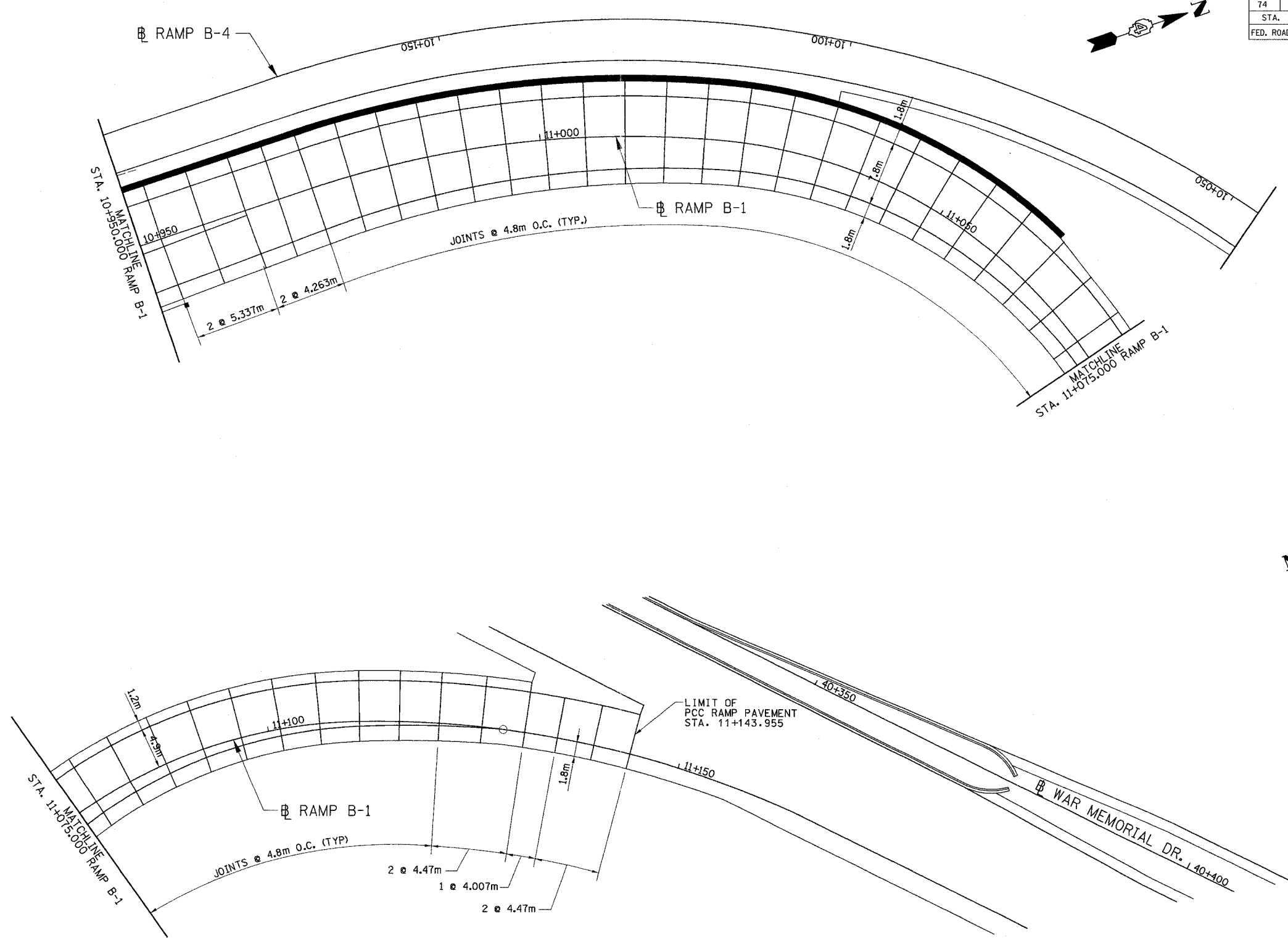


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 PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1340	383
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

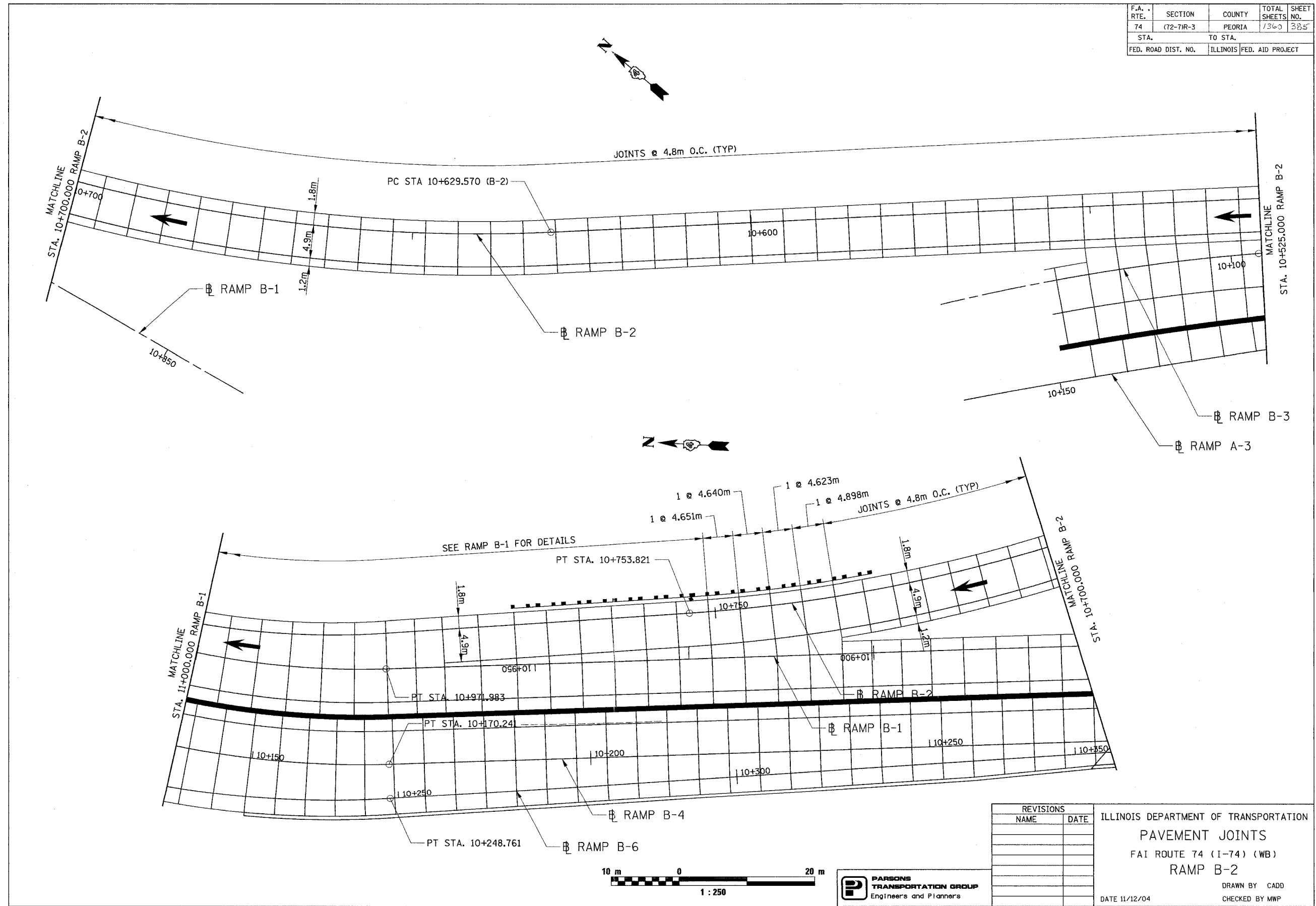


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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
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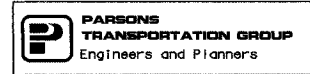
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	385
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



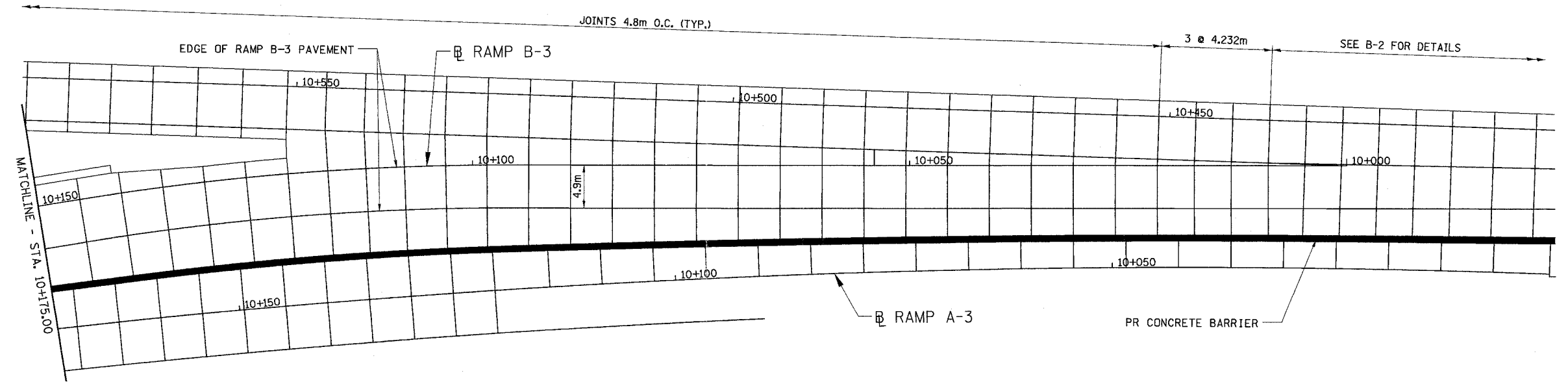
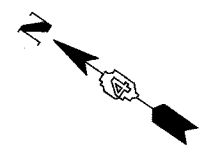
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
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 DRAWN BY CADD
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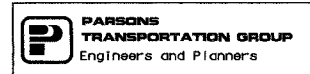


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	386
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

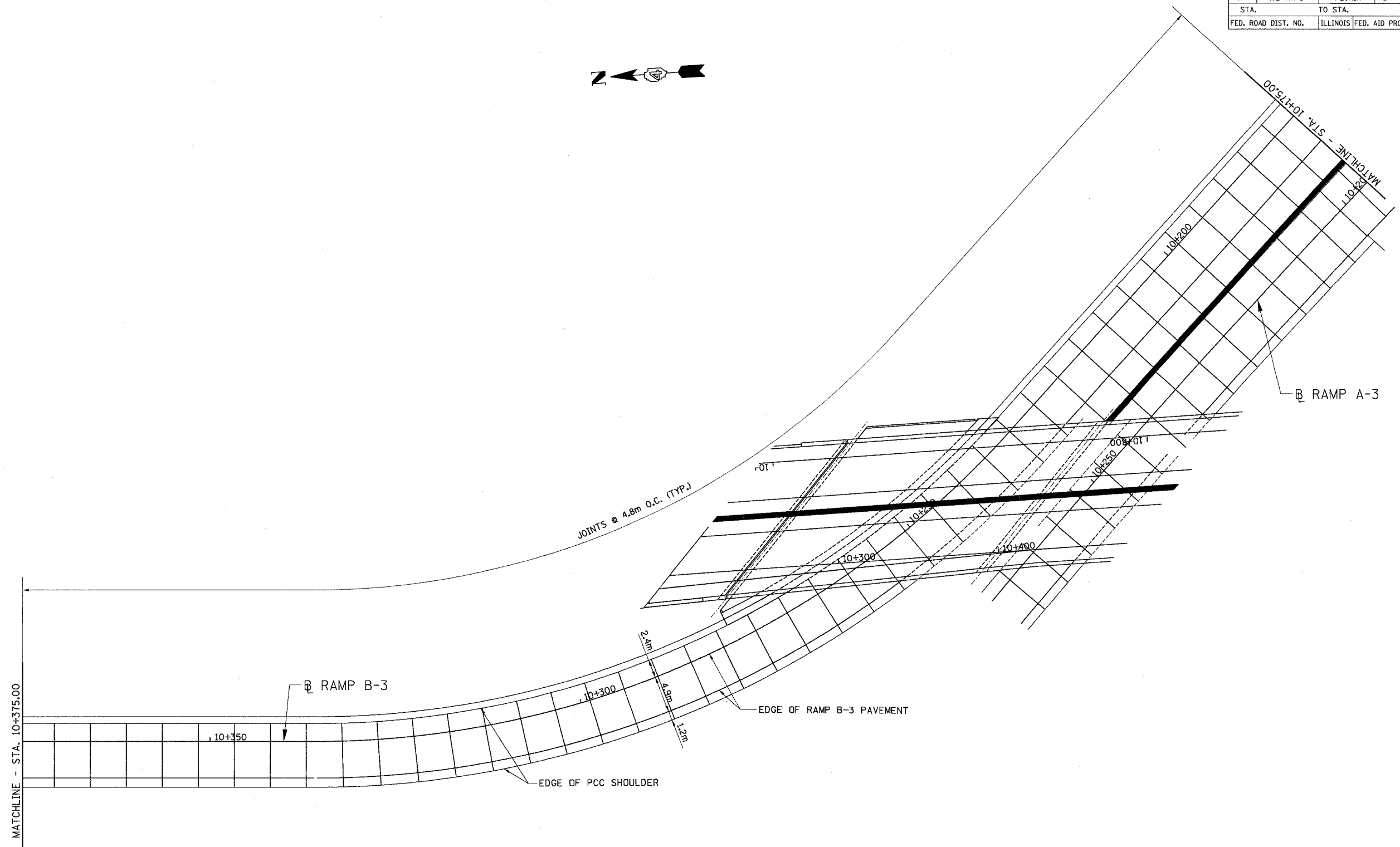


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 PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	387
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

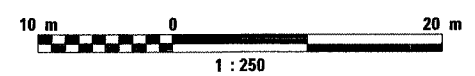
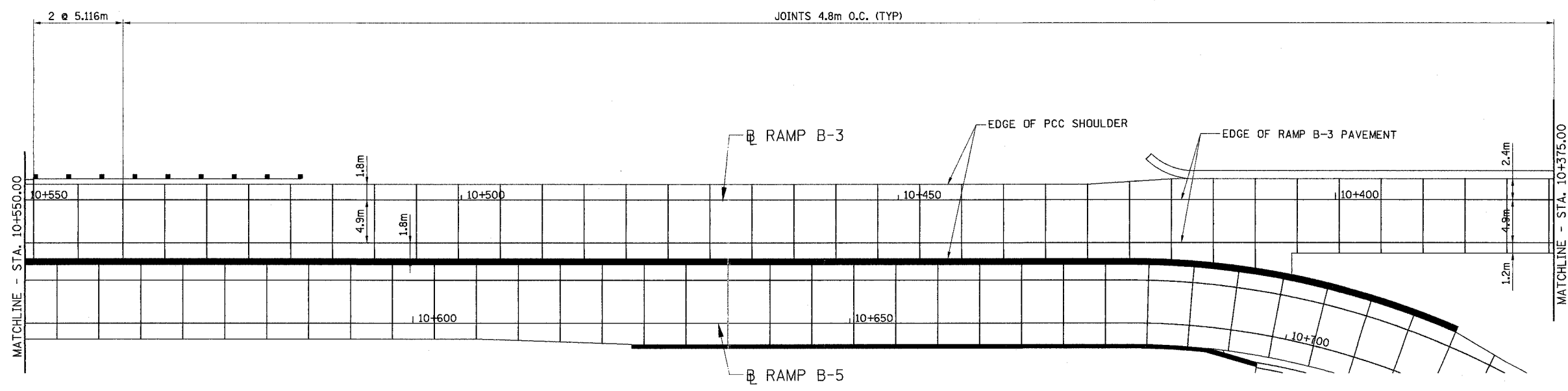
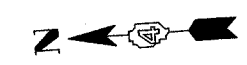


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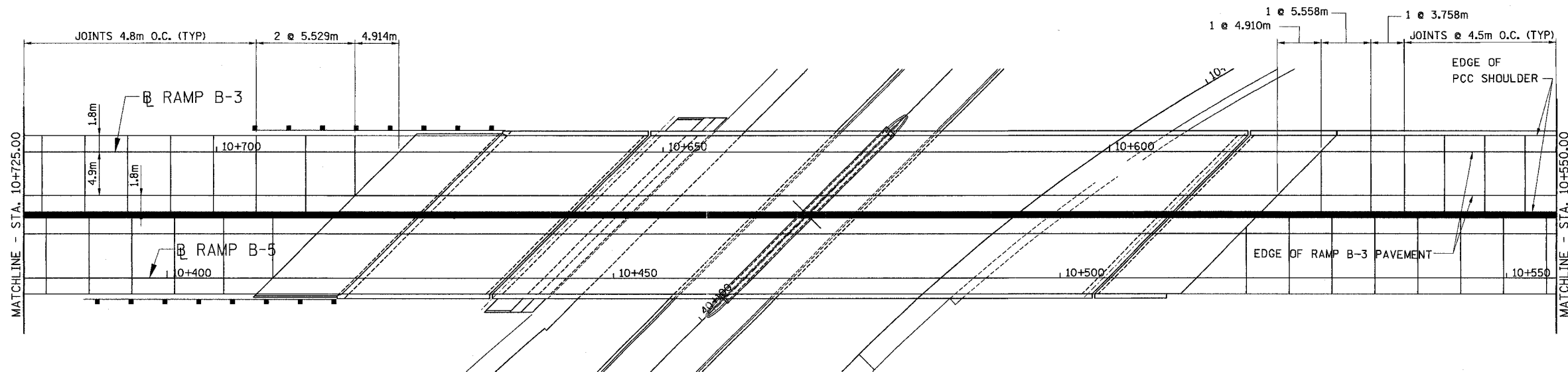
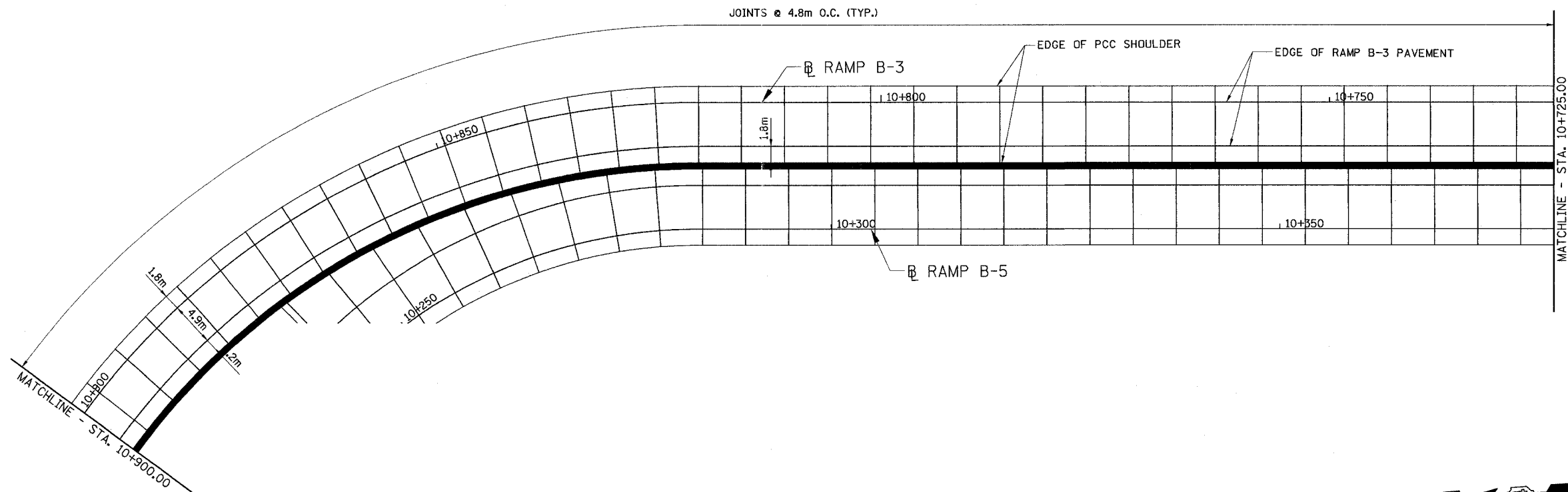
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	388
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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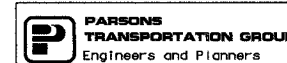
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1340	389
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



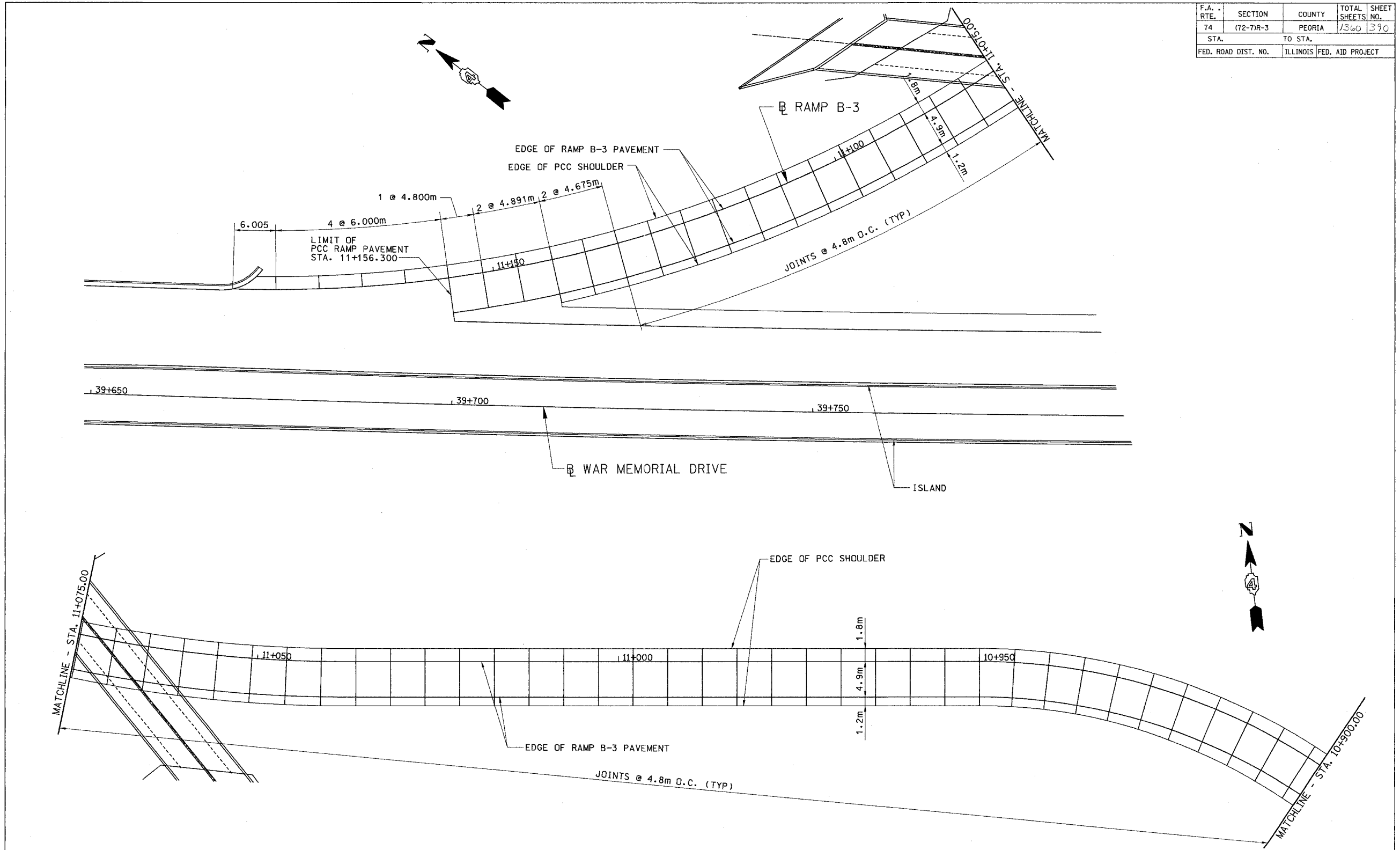
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ILLINOIS DEPARTMENT OF TRANSPORTATION
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 FAI ROUTE 74 (I-74) (WB)
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	390
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

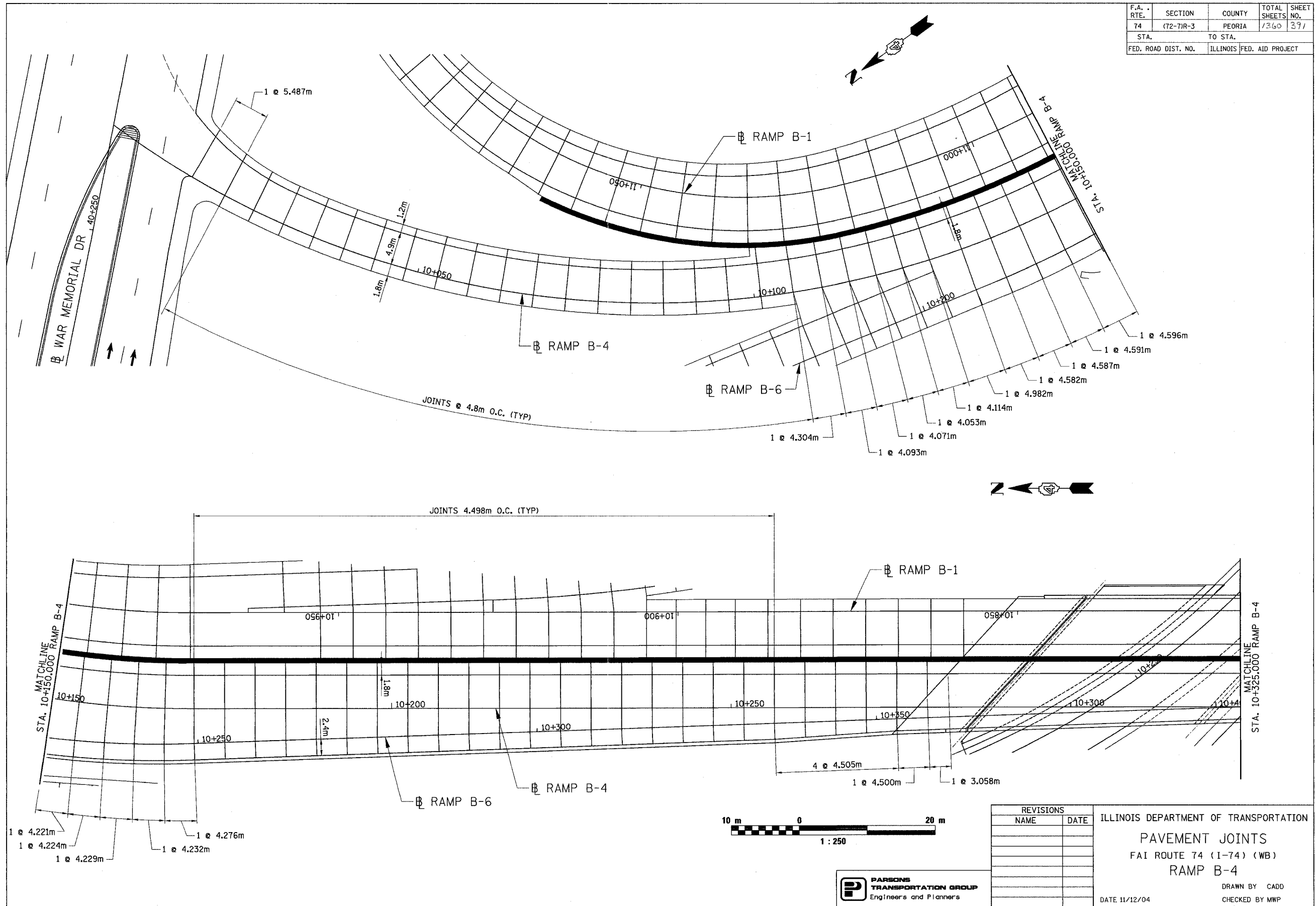


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 FAI ROUTE 74 (I-74) (WB)
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1391
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

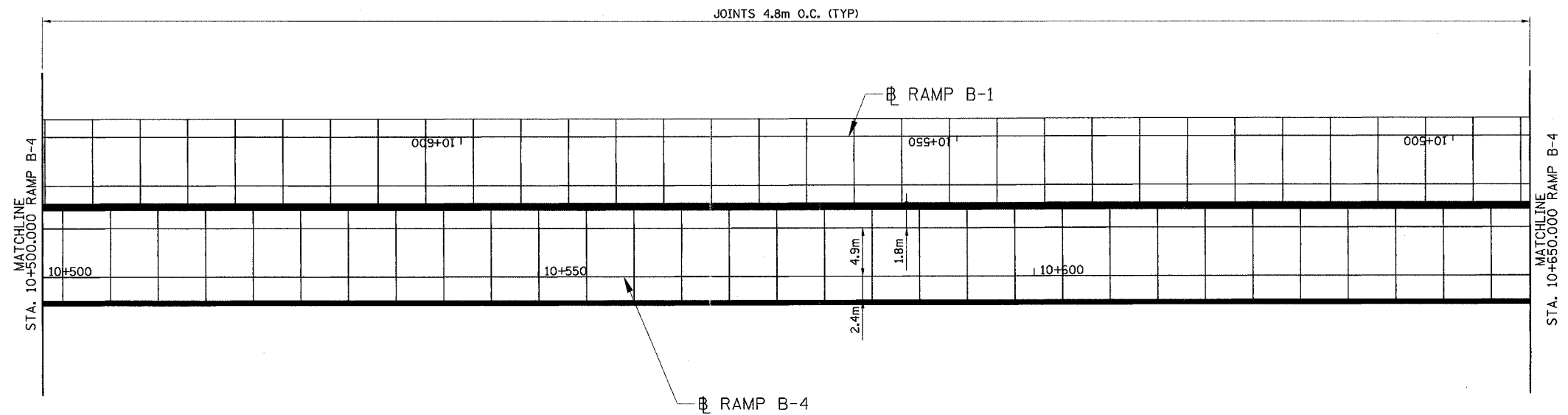
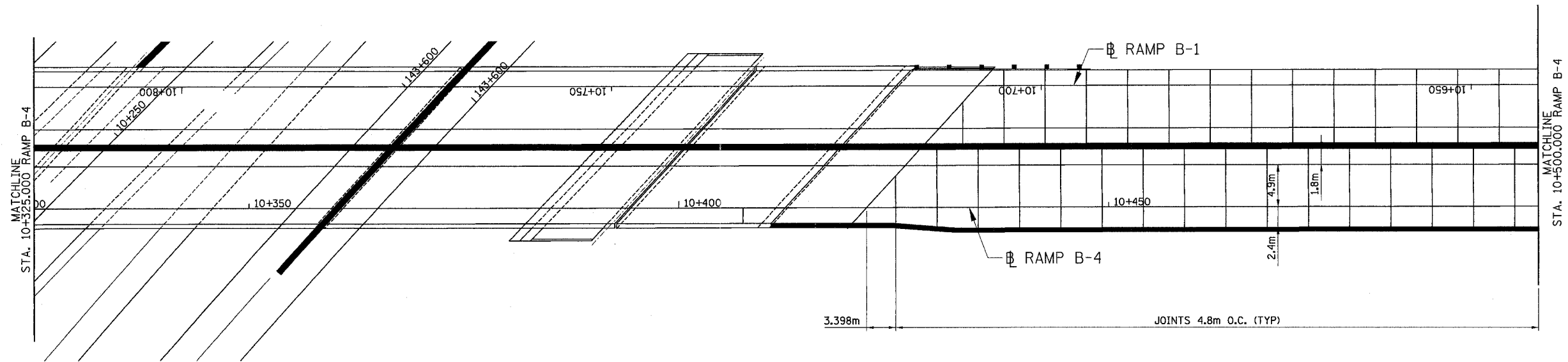
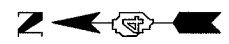


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ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	392
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

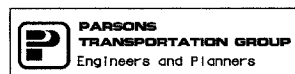
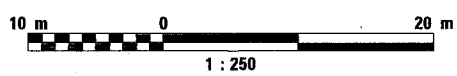
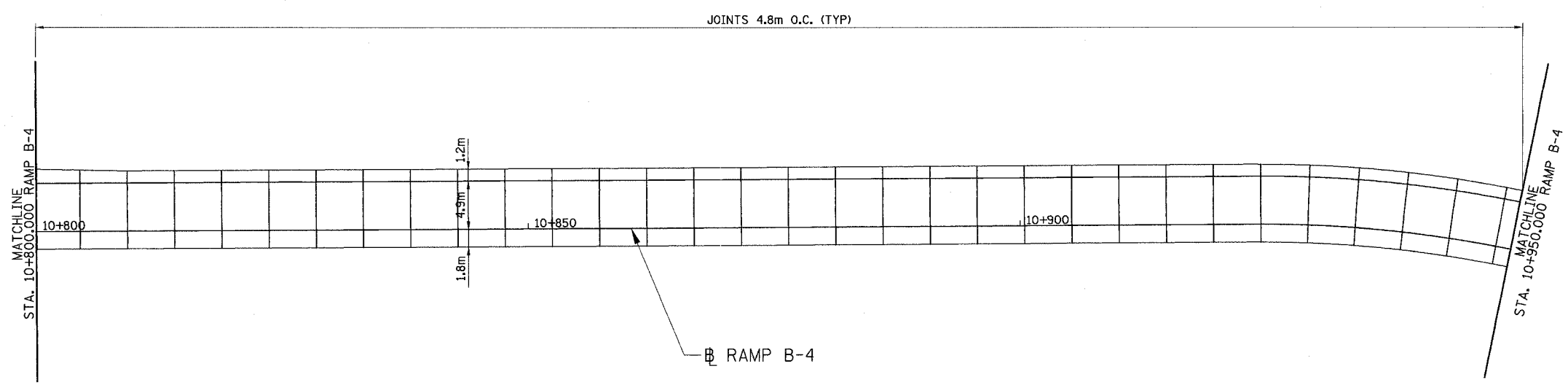
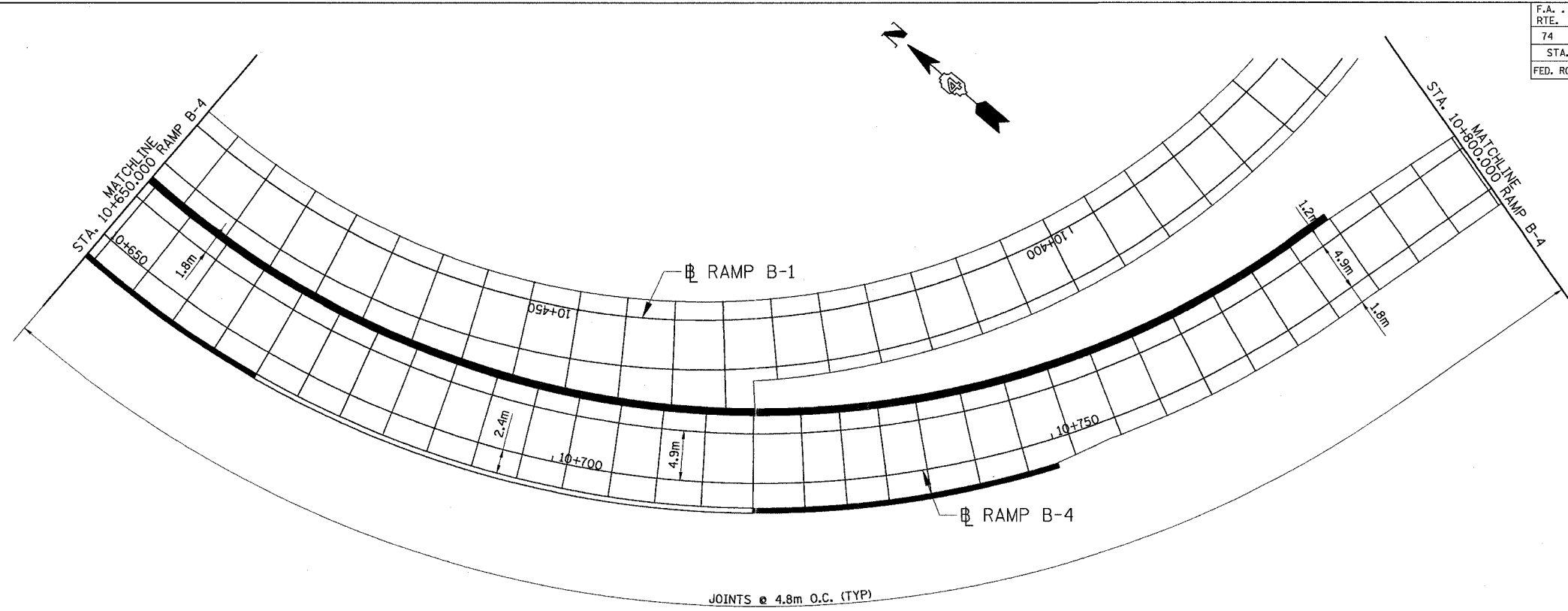


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ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT JOINTS
 FAI ROUTE 74 (I-74) (WB)
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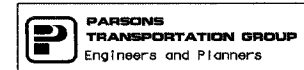
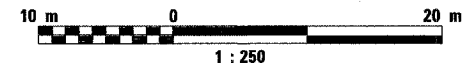
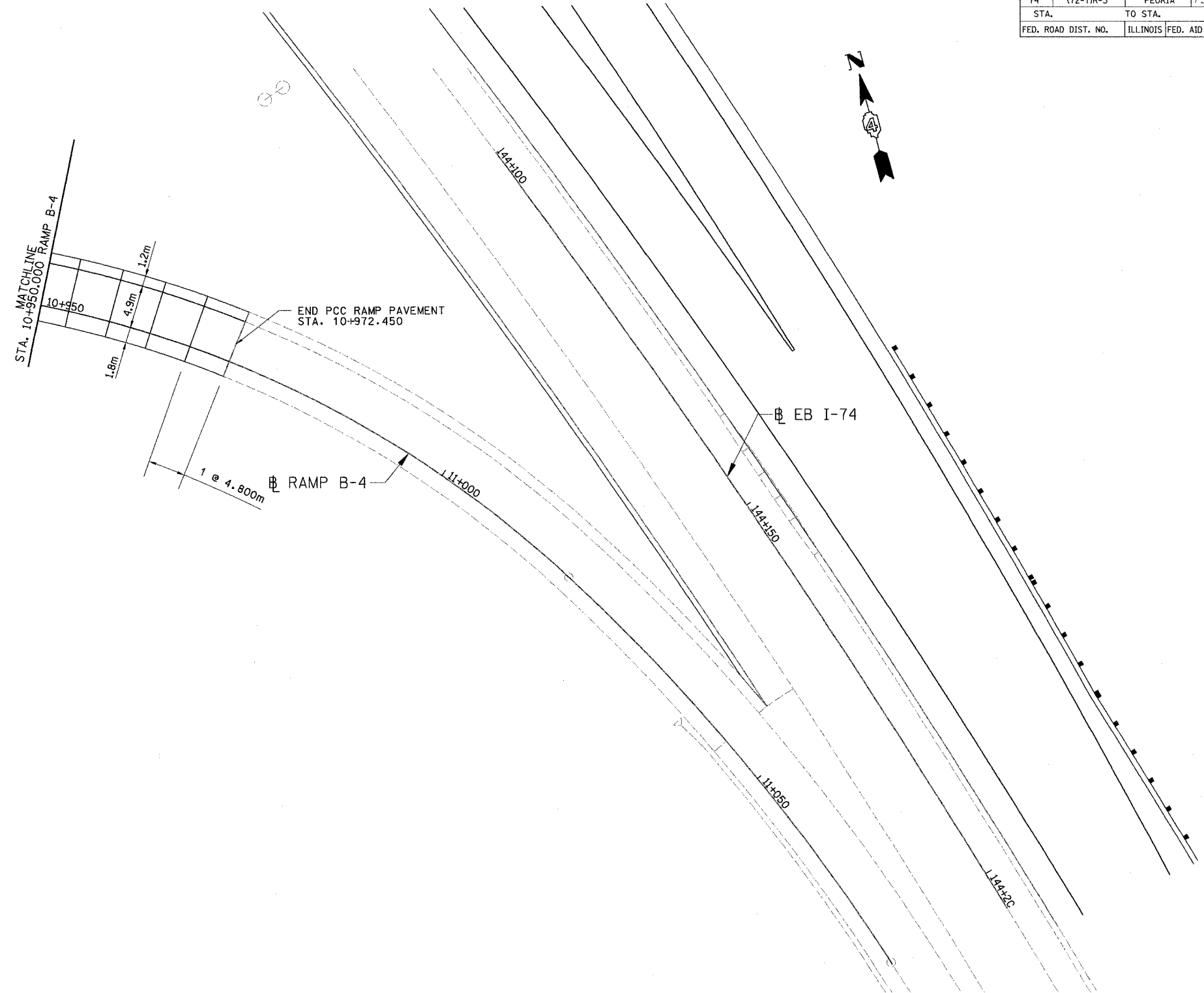
F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	393
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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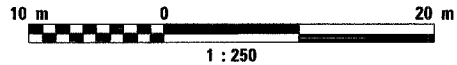
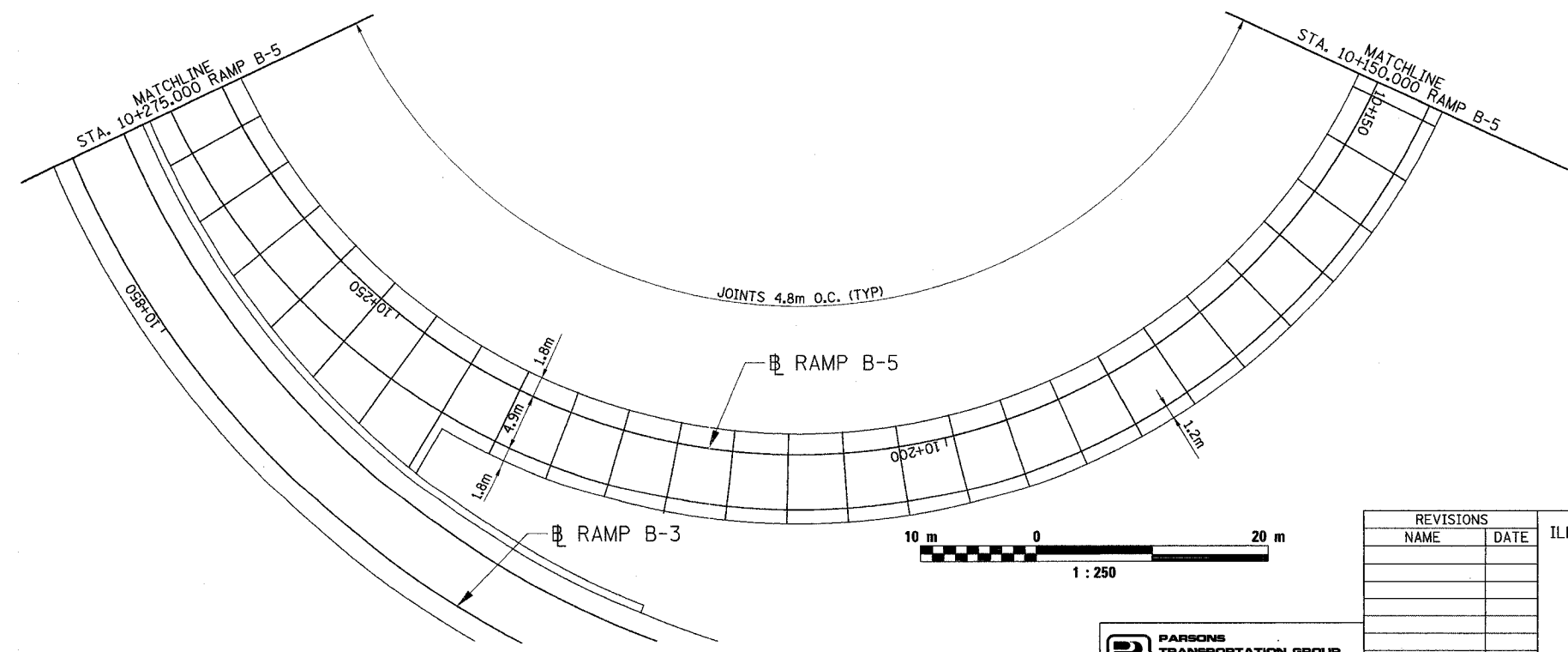
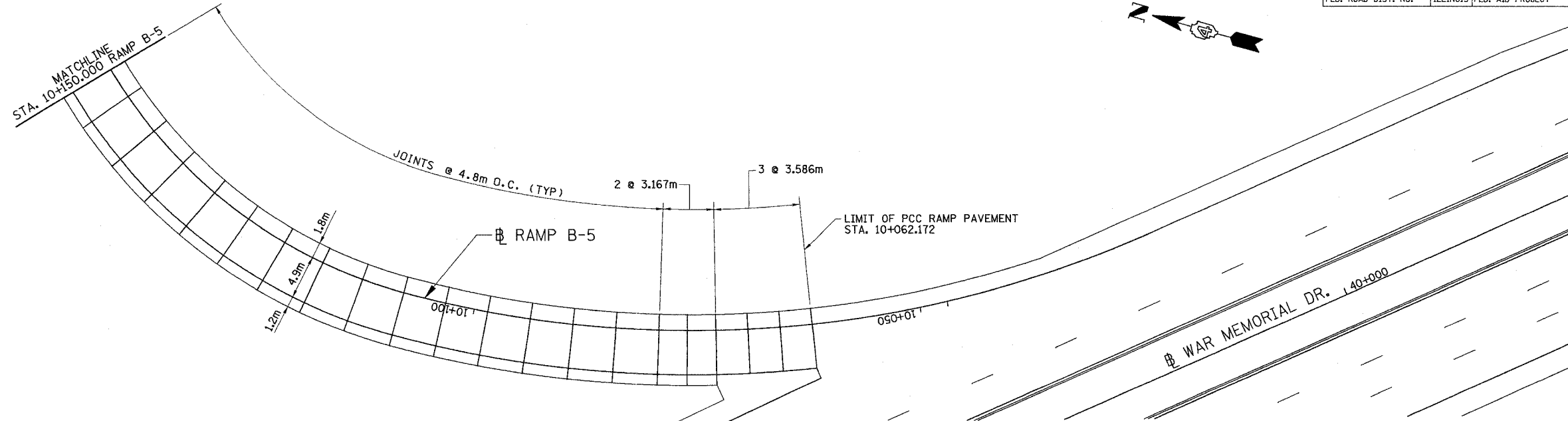
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	374
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	395
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

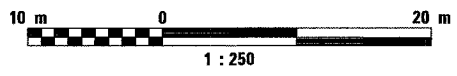
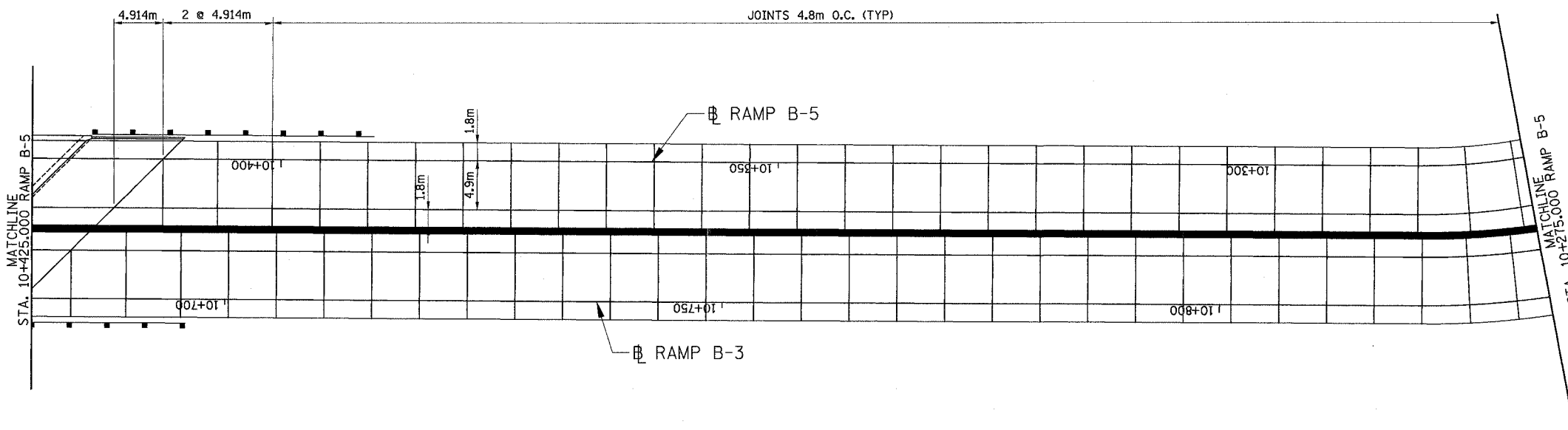
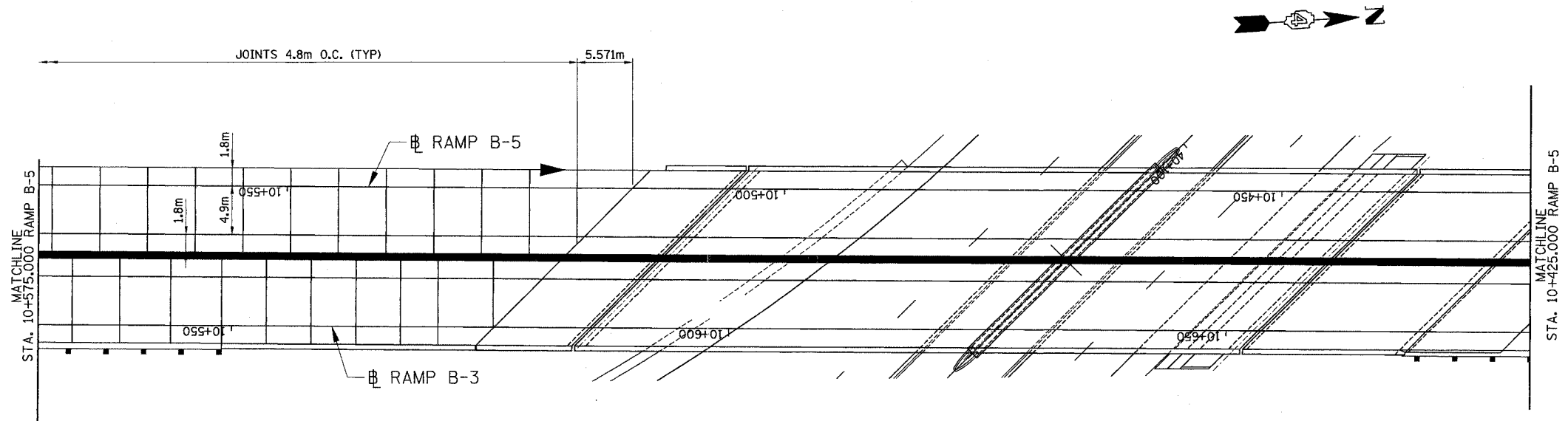


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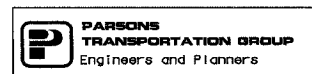
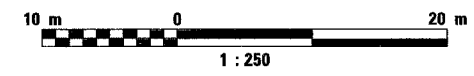
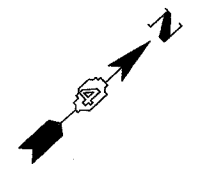
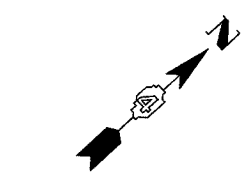
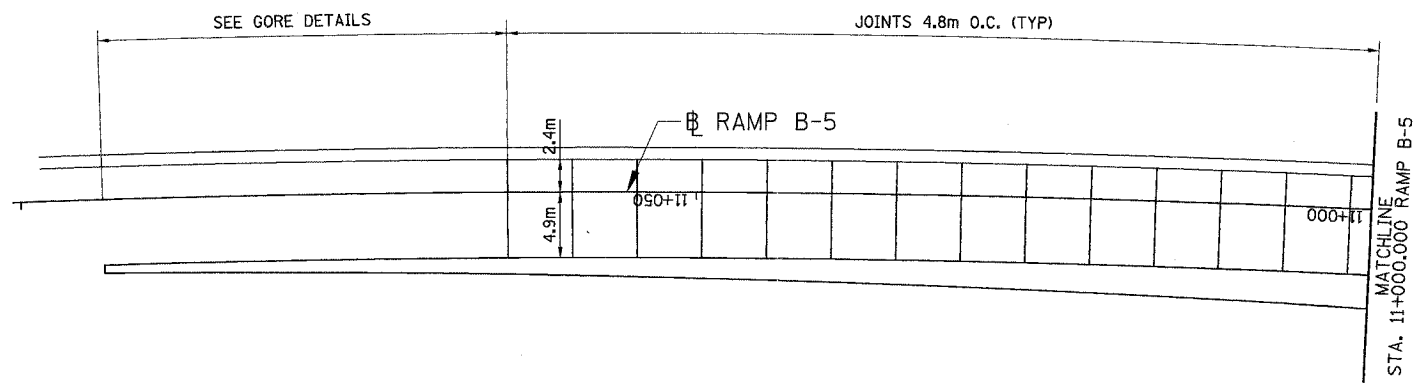
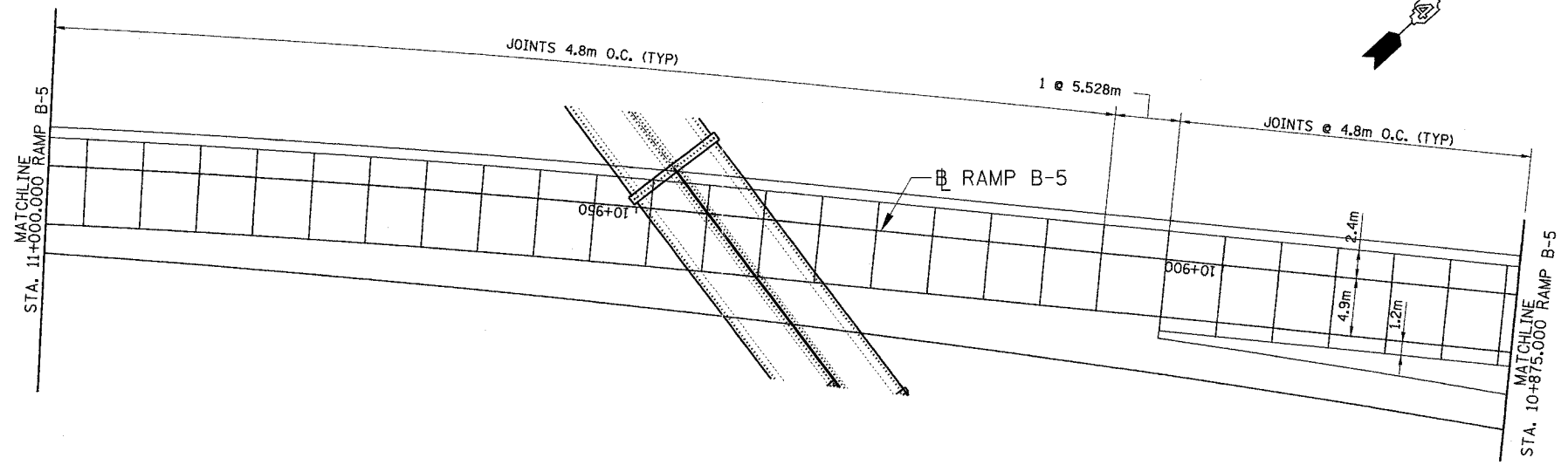
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	396
STA.		TO STA.		
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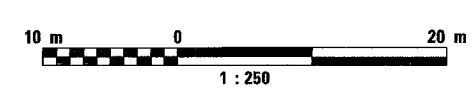
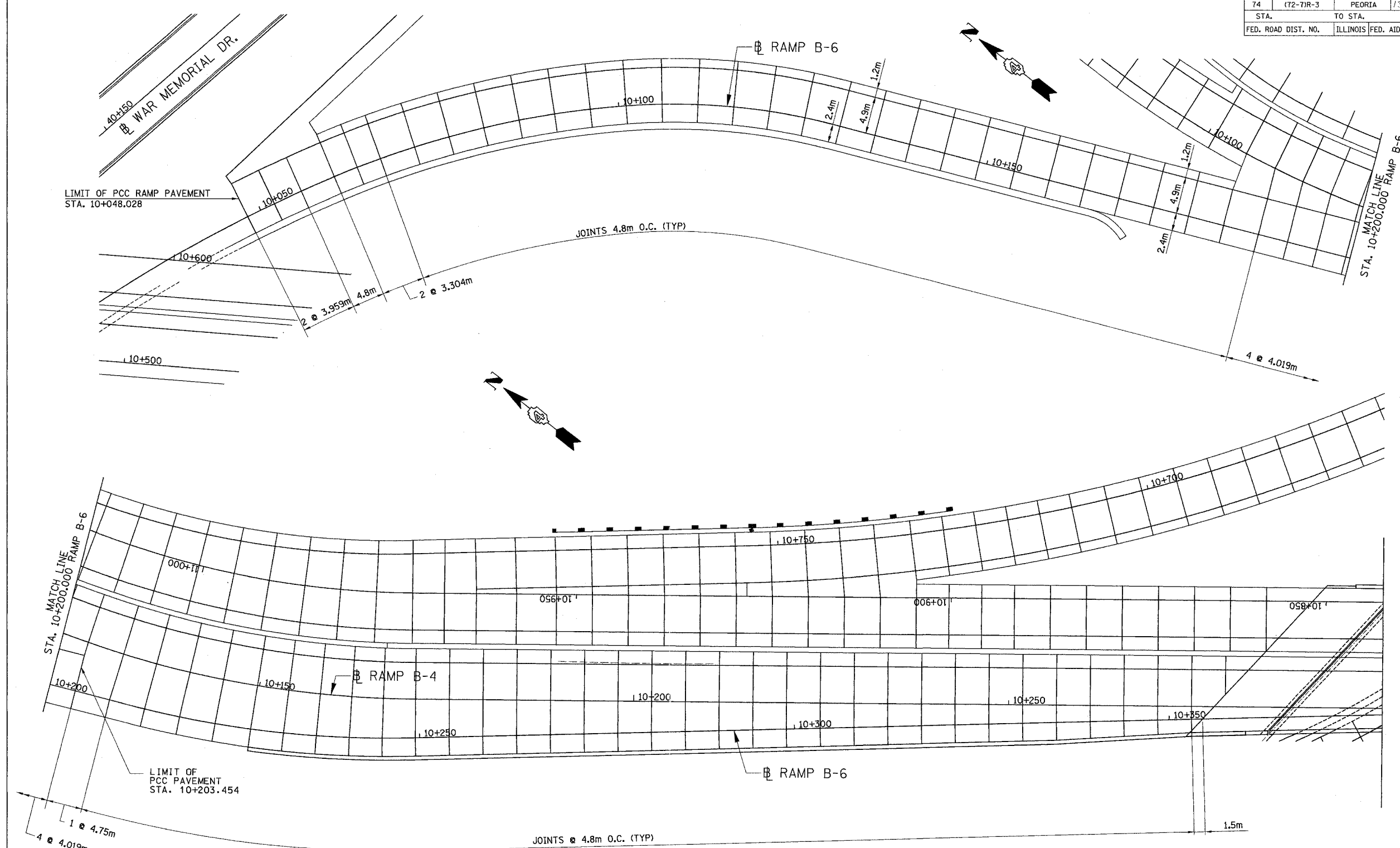
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	398
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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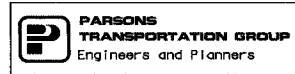
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	399
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

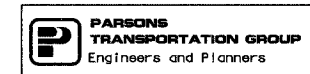
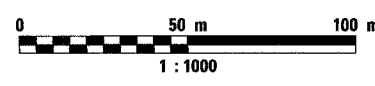
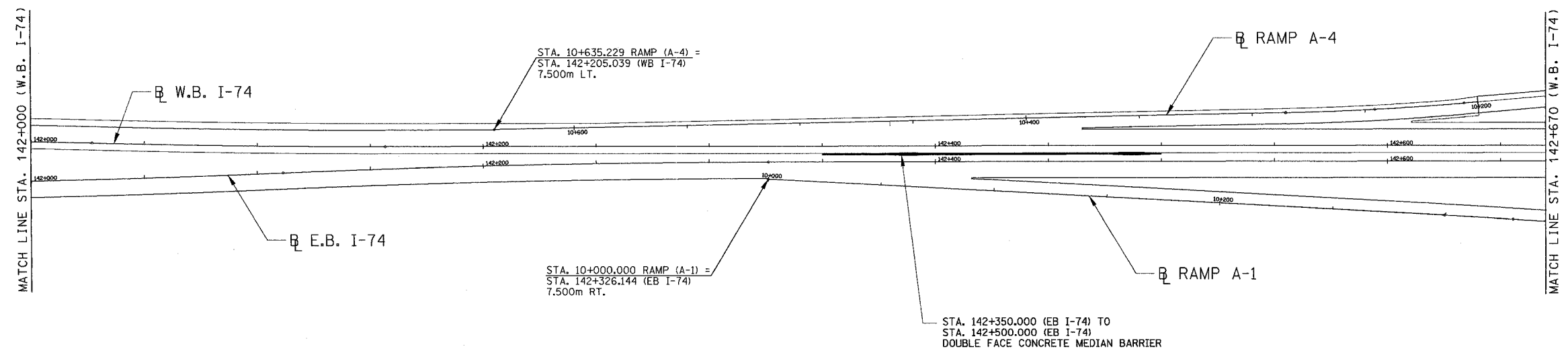


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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1300	400
STA. 142+000.000 TO STA. 142+670.000				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



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ILLINOIS DEPARTMENT OF TRANSPORTATION
CONCRETE BARRIER SCHEMATIC
 FAI ROUTE 74 (I-74) (WB)
 STA. 142+000 TO STA. 142+670
 DRAWN BY CADD
 CHECKED BY MWP
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