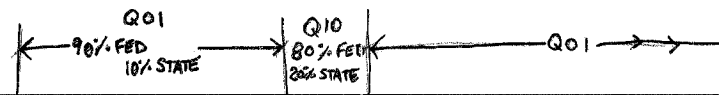


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SUMMARY OF QUANTITIES				URBAN													
				90% FED 10% STATE						90% FED 5% STATE 5% CITY			90% FED 10% CITY				
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTERCONNECT Y031-1F	TRAFFIC SIGNALS (6) Y031-1F	TRAFFIC SIGNALS (7) Y031-1F	TRAFFIC SIGNALS (8) Y031-1F
M7030550	PAVEMENT MARKING TAPE, TYPE III 200MM	METER	1,088		1,088												
M7031000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ M	7,186	2,075	5,111												
M7040300	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	2,134.85		2,134.85												
M7040400	TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	3,200.00 3,670		3,200.00 3,670												
M7200100	SIGN PANEL - TYPE 1	SQ M	14	14													
M7200200	SIGN PANEL - TYPE 2	SQ M	20	20													
M7200300	SIGN PANEL - TYPE 3	SQ M	262	92	16						154						
M7210105	SIGN PANEL OVERLAY, SPECIAL	SQ M	51.06	40.84	10.22												
M7270100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	KG	3,450	3,050	400												
M7290100	METAL POST - TYPE A	METER	8.5	8.5													
M7290200	METAL POST - TYPE B	METER	17.0	13.0	4.0												
M7300100	WOOD SIGN SUPPORT	METER	265.5	239.5	26.0												
M7330050	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-S (1.22M X 1.37M)	METER	63.5								63.5						
M7330255	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (0.90M X 2.14M)	METER	22.6								22.6						
M7340100	CONCRETE FOUNDATIONS	CU M	11.9	9.8	2.1												
M7340200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU M	64.4								64.4						
M7800105	THERMOPLASTIC PAVEMENT MARKING - LINE 100 MM	METER	6,015	5,991	24												
M7800115	THERMOPLASTIC PAVEMENT MARKING - LINE 150 MM	METER	1,334	1,334													
M7800120	THERMOPLASTIC PAVEMENT MARKING - LINE 200 MM	METER	2,949	2,909	40												
M7800125	THERMOPLASTIC PAVEMENT MARKING - LINE 300 MM	METER	523	523													
M7800140	THERMOPLASTIC PAVEMENT MARKING - LINE 600 MM	METER	151	151													
M7800600	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ M	13	6	7												
M7802010	POLYUREA PAVEMENT MARKING TYPE I - LINE 100MM	METER	34,412	4,140	30,272												
M7802015	POLYUREA PAVEMENT MARKING TYPE I - LINE 150MM	METER	4,014	526	3,488												
M7802020	POLYUREA PAVEMENT MARKING TYPE I - LINE 200MM	METER	4,691	103	4,588												
M7802030	POLYUREA PAVEMENT MARKING TYPE I - LINE 300MM	METER	425	46	379												
M7802060	POLYUREA PAVEMENT MARKING TYPE I - LINE 600 MM	METER	40	29	11												
M8080150	TEMPORARY WOOD POLE, 15.24M, CLASS 4	EACH	10									10					
M8100240	CONDUIT IN TRENCH, 30 MM DIA., PVC	METER	39	39													
M8100260	CONDUIT IN TRENCH, 50 MM DIA., PVC	METER	3,400.0									1,723.0	204.0	1,265.0		118.0	90.0
M8100270	CONDUIT IN TRENCH, 65 MM DIA., PVC	METER	22													10	12
M8100280	CONDUIT IN TRENCH, 75MM DIA., PVC	METER	4,069.0									4,069.0					
M8100290	CONDUIT IN TRENCH, 90 MM DIA., PVC	METER	130													85	45
M8100300	CONDUIT IN TRENCH, 100 MM DIA., PVC	METER	61													25	36

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

- RAMP A-3 OVER RAMP B-5, SN 072-0172
- RAMPS B-3 & B-5 OVER US 150 & RAMP B-6, SN 072-0190 ~~PROPOSED (SUBMITAL 072-0026)~~
- RAMPS B-1 & B-4 OVER RAMPS A-3, B-3 & I-74, SN 072-0183 ~~PROPOSED (SUBMITING 072-0027)~~
- NORTH AND SOUTH CULVERT EXTENSION, SN 072-2005 (072-2005); ~~SN 072-2030, SN 072-2032~~
- WALL 8, SN 072-8556, WALL 8A, SN 072-8557, WALL 9, SN 072-8558, WALL 10, SN 072-8559, WALL 11, SN 072-8560, WALL 12, SN 072-8561, SN 072-2504, WALL 12B, DIFFERENTIAL HEIGHT BARRIER, BOX CULVERT, WALL 18B, SN 072-8618 (072-2005); WALL 18C, SN 072-8619 (072-2005)
- WAR MEMORIAL DRIVE / STERLING / GLEN
- WAR MEMORIAL DRIVE / SCENIC DRIVE
- SCENIC DRIVE / MALL ENTRANCE



REVISIONS	
NAME	DATE
REVISED	
ADDENDUM 1	5/27/05

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 FAI ROUTE 74 (I-74)
 DATE 11/23/04
 DRAWN BY ROY
 CHECKED BY LSA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	URBAN														
				ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTERCONNECT Y031-1F	TRAFFIC SIGNALS (6) Y031-1F	TRAFFIC SIGNALS (7) Y031-1F	TRAFFIC SIGNALS (8) Y031-1F	
M8770777	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.02 METER	EACH	1														1	
M8780100	CONCRETE FOUNDATION, TYPE A	METER	1.2														1.2	
M8780200	CONCRETE FOUNDATION, TYPE D	METER	2.4														1.2	1.2
M8780300	CONCRETE FOUNDATION, TYPE E 600MM DIAMETER	METER	2.5											2.5				
M8780400	CONCRETE FOUNDATION, TYPE E 750 MM DIAMETER	METER	6.0														3	3
M8860400	DETECTOR LOOP, SPECIAL	METER	46	46														
MX030199	TEMPORARY PAVEMENT	SQ M	207		207													
MX030471	FORM LINER LIMESTONE SURFACE	SQ M	993				182	150		661								
MX030472	FORM LINER GRID AND FIN SURFACE	SQ M	1,988.5				216.0	194.0		1,578.5								
MX030473	FORM LINER PARAPET SURFACE	SQ M	140					140										
MX032083	GUARDRAIL AGGREGATE EROSION CONTROL	M TON	1,433	145	1,288													
MX032657	REMOVAL AND DISPOSAL OF TEMPORARY CONCRETE BARRIER	METER	4,484.00		4,484.00													
MX032894	SLOTTED VANE DRAIN	METER	81.5		81.5													
MX032929	ENGINEERED FILL, CLASS 4	CU M	332		332													
MX033089	ENGINEERED FILL, CLASS 2	CU M	1,899		1,899													
MX033109	DRILLING AND SETTING SOLDIER PILES	CU M	81.4							81.4								
MX033181	WATER (DUST CONTROL)	UNIT	1,649		1,649													
MX033182	APPLY DUST SUPPRESSION AGENTS	UNIT	1,625		1,625													
MX033183	SOIL STABILIZERS	KG	110,993		110,993													
MX033192	AGGREGATE SUBBASE	M TON	96,131		96,131													
MX033194	WHITEWASH	SQ M	122,189		122,189													
MX033206	TEMPORARY SIGN PANEL OVERLAY	SQ M	13.32	13.32														
MX033450	CONCRETE BARRIER, DOUBLE FACE (SPECIAL)	CU M	1,317.9		1,094.0					223.9								
MX033456	NONINTRUSIVE DETECTOR POLE 9.1 METER	EACH	1											1				
MX033460	WET TEMPORARY PAVEMENT MARKING TAPE TYPE III 100 MM	METER	835.0		835.0													
MX033462	REMOVAL AND DISPOSAL OF TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	2,626.05		2,626.05													
MX032646	TREE REMOVAL AND CLEANING	HA	0.42		0.42													
MX402045	AGGREGATE SURFACE COURSE, TYPE B, 200 MM	SQ M	680		680													
MX406064	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "E", N70	M TON	3,717	3,717														
MX406066	POLYMERIZED BIT CONC SURFACE COURSE, SUPERPAVE, MIX E, N90	M TON	1,328	1,328														
MX406246	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70	M TON	5,575	5,575														
MX406248	POLYMERIZED BIT CONC BINDER COURSE, SUPERPAVE, IL 19.0 N90	M TON	1,992	1,992														
MX406295	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL)	M TON	38,811		38,811													

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

- (1) RAMP A-3 OVER RAMP B-5, SN 072-0172
- (2) RAMPS B-3 & B-5 OVER US 150 & RAMP B-6, SN 072-0190 **PROPOSED (EXISTING 072-0026)**
- (3) RAMPS B-1 & B-4 OVER RAMPS A-3, B-3 & I-74, SN 072-0183 **PROPOSED (EXISTING 072-0027)**
- (4) NORTH AND SOUTH CULVERT EXTENSION, SN 072-2005 (072-2005), **SN 072-2030, SN 072-2032**
- (5) WALL 8, SN 072-8556, WALL 8A, SN 072-8557, WALL 9, SN 072-8558, WALL 10, SN 072-8559, WALL 11, SN 072-8560, WALL 12, SN 072-8561, SN 072-2504, WALL 12B, DIFFERENTIAL HEIGHT BARRIER, BOX CULVERT, WALL 18B, SN 072-8618 (072-2005); WALL 18C, SN 072-8619 (072-2005)
- (6) WAR MEMORIAL DRIVE / STERLING / GLEN
- (7) WAR MEMORIAL DRIVE / SCENIC DRIVE
- (8) SCENIC DRIVE / MALL ENTRANCE



REVISIONS	
NAME	DATE
REVISION	
ADDENDUM #1	5/27/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
FAI ROUTE 74 (I-74)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SHT. NO. CIVIL DRAWINGS

18 GENERAL DRAWINGS
COVER SHEET
19 INDEX OF SHEETS, STANDARDS & COMMITMENTS

20 - 22 STATUS OF UTILITIES TO BE ADJUSTED

23 - 30A BILL OF MATERIALS

TYPICAL SECTIONS

31 - 36 WB I-74
37 - 42 PROPOSED RAMPS
43 - 46 WAR MEMORIAL DRIVE
47 WAR MEMORIAL DRIVE, SIDE STREETS

48 - 104 SCHEDULE OF QUANTITIES

ALIGNMENT, TIES AND BENCHMARKS

105 - 109 ALIGNMENT, TIES AND BENCHMARKS
110 - 114 SCHEMATIC DRAWINGS, WB I-74
115 - 117 SCHEMATIC DRAWINGS, WAR MEMORIAL DRIVE

MAINTENANCE OF TRAFFIC - STAGE 3-1

118 - 119 SCHEMATIC - WB I-74
120 SCHEMATIC - WAR MEMORIAL DRIVE
121 - 123 TYPICAL SECTIONS, WB I-74
124 - 125 TYPICAL SECTIONS, WAR MEMORIAL
126 - 138 MAINTENANCE OF TRAFFIC STAGE 3-1, WB I-74
139 - 143 MAINTENANCE OF TRAFFIC STAGE 3-1, WAR MEMORIAL DRIVE

MAINTENANCE OF TRAFFIC - STAGE 3-2

144 - 145 SCHEMATIC - WB I-74
146 SCHEMATIC - WAR MEMORIAL DRIVE
147 - 149 TYPICAL SECTIONS, WB I-74
150 - 151 TYPICAL SECTIONS, WAR MEMORIAL
152 - 160 MAINTENANCE OF TRAFFIC STAGE 3-2, WB I-74
161 - 165 MAINTENANCE OF TRAFFIC STAGE 3-2, WAR MEMORIAL DRIVE

MAINTENANCE OF TRAFFIC - STAGE 3-3

166 - 167 SCHEMATIC - WB I-74
168 SCHEMATIC - WAR MEMORIAL DRIVE
169 - 170 TYPICAL SECTIONS, WAR MEMORIAL
171 - 176 MAINTENANCE OF TRAFFIC STAGE 3-3, WAR MEMORIAL DRIVE

MAINTENANCE OF TRAFFIC - STAGE 3-4

177 - 178 SCHEMATIC - WB I-74
179 SCHEMATIC - WAR MEMORIAL DRIVE
180 - 187 MAINTENANCE OF TRAFFIC STAGE 3-4, WB I-74

CONCEPTUAL TEMPORARY INFORMATIONAL SIGNING PLAN

188 - 199 STAGE 3-1
200 - 203 STAGE 3-2
204 - 207 STAGE 3-3
208 - 223 STAGE 3-4

ROADWAY - I74-WB

224 - 247 EXISTING AND PROPOSED ROADWAY, WB I-74
248 - 259 EXISTING AND PROPOSED ROADWAY, WAR MEMORIAL DRIVE

ROADWAY- PROFILES

260 - 264 WB I-74
265 - 266 RAMP A-3
267 RAMP A-4
268 - 269 RAMP B-1
270 - 271 RAMP B-2
272 - 273 RAMP B-3
274 - 275 RAMP B-4
276 - 277 RAMP B-5
278 RAMP B-6

DRAINAGE DITCH-PROFILES

279 - 280 WB I-74 - RAMP B-1
281 - 282 WB I-74 - RAMP B-2
283 - 285 WB I-74 - RAMP B-3

SHT. NO.

DRAINAGE & UTILITY PLANS

286 - 301 DRAINAGE AND UTILITY PLAN, WB I-74
302 - 312 DRAINAGE AND UTILITY PLAN, WAR MEMORIAL DRIVE
313 - 317 DRAINAGE AND UTILITY DETAIL
318 RIP RAP TABLE
319 CONTROL POINT PLAN
320 INTERCHANGE GRADING PLAN

321 - 330 ROW PLANS

INTERSECTION DETAILS

331 STERLING AVENUE/GLEN AVENUE AT WAR MEMORIAL DRIVE
332 - 333 SCENIC DRIVE AT WAR MEMORIAL DRIVE
334 - 335 NORTH MALL ACCESS AT SCENIC DRIVE
336 RAMP B-4 AT WAR MEMORIAL DRIVE

TRAFFIC SIGNAL PLANS

337 - 338 WAR MEMORIAL DRIVE/STERLING AVE.
339 - 342 WAR MEMORIAL DRIVE/SCENIC AVE.
343 - 346 SCENIC AVE./NORTH MALL ENTRANCE
347 - 348 PROPOSED TRAFFIC SIGNAL INTERCONNECT

PAVEMENT MARKING PLANS

349 - 359 PAVEMENT MARKING PLANS, WB I-74
360 - 364 PAVEMENT MARKING PLANS, WAR MEMORIAL DRIVE

GORE DETAILS

365 RAMP A-3 & I74
366 RAMP A-4 & I74
367 - 368 RAMP B-1 & WAR MEMORIAL DRIVE
369 RAMP B-1 & RAMP B-2
370 RAMP B-2 & RAMP I74
371 RAMP B-3 & WAR MEMORIAL DRIVE
372 RAMP B-2 & RAMP B-3
373 RAMP B-4 & RAMP B-6
374 RAMP B-5 & I74
375 RAMP B-5 & WAR MEMORIAL DRIVE
376 RAMP B-6 & WAR MEMORIAL DRIVE

PAVEMENT JOINTS

377 - 378 RAMP A-3
379 RAMP A-4
380 - 383 RAMP B-1
384 - 385 RAMP B-2
386 - 390 RAMP B-3
391 - 394 RAMP B-4
395 - 398 RAMP B-5
399 RAMP B-6

DETAILS

400 - 404 CONCRETE BARRIER SCHEMATIC
405 - 413 CONCRETE BARRIER ELEVATIONS, WB I-74 RAMP B-3/B-5, B-4/B-1 & A-3/B-2/B-3
414 BRIDGE APPROACH PAVEMENT RAMPS B-1/B-4 OVER I-74
415 BRIDGE APPROACH PAVEMENT RAMPS B-3/B-5 OVER WAR MEMORIAL DRIVE
416 BRIDGE APPROACH PAVEMENT RAMPS A-3/B-5
417 - 419 PAVEMENT MARKING DETAILS

STRUCTURAL DRAWINGS

420 - 442 BRIDGE, RAMP A-3 OVER RAMP B-5, SN 072-0172
443 - 498 BRIDGE, RAMPS B-1 AND B-4 OVER FAI ROUTE 74 (I-74) RAMPS A-3 AND B-3, SN 072-0183
499 - 543 BRIDGE, RAMPS B-3 AND B-5 OVER WAR MEMORIAL DRIVE AND RAMP B-6, SN 072-0190
544 - 550 BOX CULVERT, RAMP B-3 OVER DRY RUN CREEK, SN 072-2030
551 - 567 BOX CULVERT, I-74 OVER DRY RUN CREEK, SN 072-2032
568 - 576 BOX CULVERT, WAR MEMORIAL DRIVE OVER DRY RUN CREEK, SN 072-2504
577 - 598 MSE WALL NO. 8 - RAMP A-3, SN 072-8556
599 - 607 WALL NO. 8A - RAMP A-3, SN 072-8557
608 - 614 WALL NO. 9 - RAMP B-5, SN 072-8558
615 - 624 WALL NO. 10 - RAMP B-4, SN 072-8559
625 - 630 WALL NO. 11 - RAMP B-3, SN 072-8560
631 - 635 WALL NO. 12 - RAMP B-4, SN 072-8561
636 - 638 WALL NO. 12B - RAMP B-1, SN 072-NA
639 SLOPEWALLS BRIDGE 072-0191

SHT. NO.

CROSS SECTIONS

640 - 712 WESTBOUND I-74
713 - 725 RAMP A-3
726 - 746 RAMP B-1
747 - 753 RAMP B-2
754 - 774 RAMP B-3
775 - 797 RAMP B-4
798 - 818 RAMP B-5
819 - 824 RAMP B-6
825 - 847 WAR MEMORIAL DRIVE
848 - 850 SCENIC DRIVE
851 NORTH MALL ACCESS

PROJECT STANDARDS

852 420101-I74
853 420206-I74
854 420306-I74
855 420401-I74
856 420402-I74
857 420401-I74
857A - 857B 421206-I74
858 483001-I74
859 604001-I74
859A - 859B 602102-I74
860 637001-I74
860A 637002-I74
861 701101-I74
862 701403-I74
863 701404-I74
864 701411-I74

DISTRICT 4 CADD STANDARDS

865 205001-D4
866 280001-D4
867 280101-D4
868 281001-D4
869 - 870 406101-D4
871 - 872 406301-D4
873 420401-D4
874 - 875 423101-D4
876 440001-D4
877 601701-D4
878 667101-D4

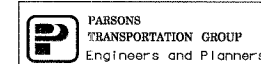
HIGHWAY STANDARDS

542301 805001
542311 814001
602101 814006
602301 857001
602306 877001-02
602401 877011-02
602601 878001-03
602701 880006
604001-02
604041-01
604071-02
604081-02
606001-02
606301-02
606401
609001-02
701101-01
701106-01
701401-03
701406-04
701411-03
701416-05
701501-03
701701-04

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
INDEX OF SHEETS, STANDARDS
AND COMMITMENTS

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	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

AmerenCILCO (Electric)

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
I-74 EB	49m Lt. to 45m Lt.	142+790± to 142+815±	Electric Duct	Cut	Abandoned
I-74 EB	47m Lt.	142+815±	Electric Box	Pavement	Removed
I-74 EB	45m Lt.	142+815±	Manhole	Pavement	Removed
I-74 EB	44m Lt.	142+817±	Underground Switch	Pavement	Removed
I-74 EB	49m Rt.	142+834±	Power Pole	Earthwork	Removed
I-74 EB	39m Rt.	142+840±	Power Pole	Fill	Removed
I-74 EB	44m Lt. to 49m Lt.	142+815± to 142+885±	Electric Duct	Pavement	Abandoned
I-74 EB	50m Rt.	142+874±	Power Pole	Cut	Removed
I-74 EB	49m Rt.	142+878±	Power Pole	Cut	Removed
I-74 EB	48m Lt.	142+881±	Power Pole	Pavement	Removed
I-74 EB	48m Lt.	142+885±	Power Pole	Pavement	Removed
I-74 EB	50m Lt.	142+886±	Manhole	Pavement	Removed
I-74 EB	50m Lt. to 48m Lt.	142+886± to 143+078±	Electric Duct with Cable	Cut	Abandoned
US 150 (War Memorial Dr.)	28m Lt. to 30m Lt.	39+067 to 39+103	Buried Electric	Ditch Cut	Caution
US 150 (War Memorial Dr.)	30m Lt. to 22m Lt.	39+103 to 39+140	Buried Electric	Ditch Cut	Caution
US 150 (War Memorial Dr.)	56m Rt.	39+094	Power Pole	Prop. Roadway	Relocate
US 150 (War Memorial Dr.)	25m Lt. to 25m Lt.	39+396 to 39+445	Buried Electric	Prop. Curb & Gutter/Roadway	Relocated
US 150 (War Memorial Dr.)	64m Rt. to 26m Rt.	39+369 to 39+387	Buried Electric	Curb & Gutter/Storm Sewer	Caution
US 150 (War Memorial Dr.)	26m Rt. to 26m Rt.	39+345 to 39+350	Buried Electric	Curb & Gutter	Caution
US 150 (War Memorial Dr.)	26m Rt. to 30m Rt.	39+387 to 39+440	Buried Electric	Curb & Gutter/Prop. Roadway	Caution
US 150 (War Memorial Dr.)	26m Rt.	39+387	Manhole	Grading	Relocate/Adjust
US 150 (War Memorial Dr.)	26m Lt. to 28m Rt.	39+387	Buried Electric	Curb & Gutter/Prop. Roadway	Caution
US 150 (War Memorial Dr.)	35m Rt. to 35m Rt.	39+609 to 39+618	Buried Electric	Rip Rap	Relocate
US 150 (War Memorial Dr.)	22m Rt. to 24m Rt.	39+800 to 39+840	Buried Electric	Storm Sewer	Relocate
US 150 (War Memorial Dr.)	30m Rt. to 32m Rt.	39+885 to 39+940	Buried Electric	Culvert	Relocate
US 150 (War Memorial Dr.)	43m Rt. to 27m Rt.	39+885 to 39+930	Buried Electric	Culvert	Relocate
US 150 (War Memorial Dr.)	72m Rt. to 36m Rt.	39+915 to 39+946	Buried Electric Transmission	Culvert	Relocate
US 150 (War Memorial Dr.)	15m Rt. to 15m Rt.	39+954 to 39+974	Buried Electric	Storm Sewer	Relocate
US 150 (War Memorial Dr.)	36m Lt.	40+068	Power Pole	Approach Pavement	Relocate
US 150 (War Memorial Dr.)	41m Rt. to 45m Rt.	39+950 to 39+970	Buried Electric	Storm Sewer	Relocate
US 150 (War Memorial Dr.)	15m Rt.	40+100 to 40+140	Buried Electric	Ramp B-6	Caution
Ramp B-3 (Baseline)	24m Rt.	10+750 to 10+760	Buried Electric	Storm Sewer	Relocate
US 150 (War Memorial Dr.)	15m Rt.	40+220 to 40+230	Buried Electric	Storm Sewer	Relocate
US 150 (War Memorial Dr.)	15m Rt.	40+269	Electric Manhole	Ramp B-4	Adjust/Remove
US 150 (War Memorial Dr.)	28m Rt. to 28m Rt.	40+325 to 40+350	Buried Electric	Storm Sewer	Relocate
US 150 (War Memorial Dr.)	27m Rt. to 27m Rt.	40+375 to 40+580	Buried Electric	Storm Sewer	Caution
US 150 (War Memorial Dr.)	147.8m Rt.	39+317.9	Light Pole	Curb & Gutter	Relocate
US 150 (War Memorial Dr.)	67.4m Rt.	39+369.7	Light Pole	Curb & Gutter	Relocate



REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
STATUS OF UTILITIES
TO BE ADJUSTED
FAI ROUTE 74 (I-74) (WB)



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	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	URBAN															
				Q01 90% FED 10% STATE		Q10 80% FED 20% STATE		Q01 90% FED 10% STATE			90% FED 5% STATE 5% CITY		90% FED 10% STATE						
				ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER-CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNALS Y031-1F		
				(NMD)	(I-74)	A3	B5/B5	B1/B4	Culvert >20	Culvert <20, R Wall							War Memorial Dr/Sterling/Glen	War Memorial Dr/Scenic Dr	Scenic Dr/Mall Entrance
28000500	INLET AND PIPE PROTECTION	EACH	237		96	141													
50100300	REMOVAL OF EXISTING STRUCTURES * 1	EACH	1						1										
50100500	REMOVAL OF EXISTING STRUCTURES * 3	EACH	1						1										
50104400	CONCRETE HEADWALL REMOVAL	EACH	31		22	9													
50300310	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	48			6	18	24											
50300320	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	8					8											
50500505	STUD SHEAR CONNECTORS	EACH	1,224			1,038						186							
51203200	TEST PILE METAL SHELLS	EACH	6			1	1	4											
51500100	NAME PLATES	EACH	11			1	1	1											
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	55			55													
60234200	INLET, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	3		3														
60236600	INLET, TYPE A, TYPE 9 FRAME AND GRATE	EACH	2			2													
60240210	INLET, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	25		20	5													
60240303	INLET, TYPE B, TYPE 9 FRAME AND GRATE	EACH	6			6													
60247130	DRAINAGE STRUCTURES, TYPE 1 WITH ONE TYPE 20 FRAME & GRATE	EACH	15		4	11													
60247140	DRAINAGE STRUCTURES, TYPE 2 WITH ONE TYPE 22 FRAME & GRATE	EACH	1			1													
60255500	MANHOLES TO BE ADJUSTED	EACH	20		8	12													
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1			1													
60500040	REMOVING MANHOLES	EACH	8		4	4													
60500050	REMOVING CATCH BASINS	EACH	2		2														
60500060	REMOVING INLETS	EACH	41		11	30													
61000115	TYPE E INLET BOX, STANDARD 610001	EACH	3			3													
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1			1													
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	7			7													
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	5		1	4													
63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	EACH	3			3													
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	24		13	11													
66700205	PERMANENT SURVEY MARKERS TYPE I	EACH	3				1	1	1										
66700305	PERMANENT SURVEY MARKERS TYPE II	EACH	1		1														
73700300	REMOVE CONCRETE FOUNDATION- OVERHEAD	EACH	2		2														
72400100	REMOVE SIGN PANEL ASSEMBLY TYPE A	EACH																	
72400200	REMOVE SIGN PANEL ASSEMBLY TYPE B	EACH																	
78100100	RAISED REFLECTIVE PAYEMENT MARKER	EACH	774		382	392													
80500200	SERVICE INSTALLATION, TYPE B	EACH	2																

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
BILL OF MATERIALS
 WAR MEMORIAL DRIVE
 FAI ROUTE 74 (I-74) (WB)
 PLAN SET #1
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04

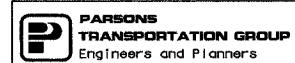
FOR INFORMATION ONLY
 **PARSONS TRANSPORTATION GROUP**
 Engineers and Planners

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(I-74)R-3	PEORIA	1360	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	URBAN													
				Q01 90% FED 10% STATE		Q10 80% FED 20% STATE		Q01 90% FED 10% STATE			90% FED 5% STATE 5% CITY		90% FED 10% STATE				
				ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER-CONNECT Y031-IF	TRAFFIC SIGNALS Y031-IF	TRAFFIC SIGNALS Y031-IF	TRAFFIC SIGNALS Y031-IF
				(WMD)	(I-74)	A3	B3/B5	B1/B4	Culvert>20	Culvert<20, R Wall					War Memorial Dr/Sterling/Glen	War Memorial Dr/Scenic Dr	Scenic Dr/Wall Entrance
81400400	CONCRETE HANDHOLE	EACH	18														
81400600	CONCRETE DOUBLE HANDHOLE	EACH	2														
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	7														
85700200	FULL - ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2														
86400100	TRANSCEIVER - FIBER OPTIC	EACH	2														
87900200	DRILL EXISTING HANDHOLE	EACH	3														
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	17														
88800100	PEDESTRIAN PUSH-BUTTON	EACH	6														
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2														
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2														
89502380	REMOVE EXISTING HANDHOLE	EACH	13														
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	10														
M2010110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	4,931	3,731	1,200												
M2010500	TREE REMOVAL, HECTARES	HECTARE	2.0	0.3	1.7												
M2020010	EARTH EXCAVATION	CU M	124,287	5,298	118,989												
M2021200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	1,058								1,058						
M2040800	FURNISHED EXCAVATION	CU M	20,312	3,825	16,487												
M2070220	POROUS GRANULAR EMBANKMENT	CU M	16,044					562	522		14,960						
M2080250	TRENCH BACKFILL, SPECIAL	CU M	1,067	358	709												
M2101000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ M	76,307.0	56.0	76,251.0												
M2113100	TOP SOIL FURNISH AND PLACE, 100MM	SQ M	106,474	21,786	84,688												
M2500210	SEEDING, CLASS 2A	HA	9.7	1.2	8.5												
M2500350	SEEDING, CLASS T	HA	8.5		8.5												
M2500400	NITROGEN FERTILIZER NUTRIENT	KILOGRAM	971	124	847												
M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KILOGRAM	971	124	847												
M2500600	POTASSIUM FERTILIZER NUTRIENT	KILOGRAM	971	124	847												
M2510115	MULCH, METHOD 2	HECTARE	8.5		8.5												
M2510125	MULCH, METHOD 3	HECTARE	9.7	1.2	8.5												
M2510630	EROSION CONTROL BLANKET	SQ M	164		164												
M2520110	SODDING, SALT TOLERANT	SQ M	9,389	9,389													
M2520200	SUPPLEMENTAL WATERING	UNIT	3,000	3,000													
M2800900	FENCE (EROSION CONTROL)	METER	2,350	290	2,060												
M2810103	STONE RIPRAP, CLASS A2	SQ M	50		50												
M2810109	STONE RIPRAP, CLASS A5	SQ M	1,139														

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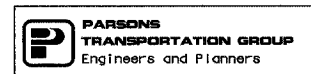
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BILL OF MATERIALS
 WAR MEMORIAL DRIVE
 FAI ROUTE 74 (I-74) (WB)
 PLAN SET #1
 DRAWN BY CADD
 DATE 11/12/04
 CHECKED BY RSC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SET # - BILL OF MATERIALS FOR INFORMATION ONLY					URBAN									
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	(WMD)	001 90% FED 10% STATE		010 80% FED 20% STATE		001 90% FED 10% STATE		90% FED 5% STATE 5% CITY		90% FED 10% STATE	
					ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035
M281011	STONE RIPRAP, CLASS A6	SQ M	59			59								
M281025	STONE RIPRAP, CLASS B3	SQ M	309			309								
M2820100	FILTER FABRIC FOR USE WITH RIPRAP	SQ M	1,448			309								
M2850300	ARTICULATED BLOCK MAT	SQ M	312.8			312.8								
M3110010	SUB-BASE GRANULAR MATERIAL, TYPE A	M TON	4,892		4,892									
M3110100	SUB-BASE GRANULAR MATERIAL, TYPE B	M TON	252		252									
M3530240	PORTLAND CEMENT CONCRETE BASE COURSE 240MM	SQ M	8,206		8,206									
M4060200	BITUMINOUS MATERIAL (PRIME COAT)	M TON	260.4		81.6	178.8								
M4060300	AGGREGATE (PRIME COAT)	M TON	42.4		42.4									
M4060980	BITUMINOUS SURFACE REMOVAL-BUTT JOINT	SQ M	1,337		1,337									
M4202255	PORTLAND CEMENT CONCRETE PAVEMENT 250MM (JOINTED)	SQ M	27,932		1,334	26,798								
M4205200	PROTECTIVE COAT	SQ M	100,313		1,358	92,955								
M4205050	BRIDGE APPROACH PAVEMENT SPECIAL	SQ M	827		827									
M4210290	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290 MM	SQ M	26,691		26,691									
M4214290	PAVEMENT REINFORCEMENT 290MM	SQ M	26,691		26,691									
M4401015	BITUMINOUS SURFACE REMOVAL (COLD MILLING)	SQ M	38,282		38,282									
M4402000	PAVEMENT REMOVAL	SQ M	69,433		141	69,492								
M4402040	COMBINATION CURB AND GUTTER REMOVAL	METER	3,902		3,902									
M4402050	SIDEWALK REMOVAL	SQ M	90		90									
M4402420	MEDIAN REMOVAL	SQ M	1,329		1,329									
M4402530	PAVED SHOULDER REMOVAL	SQ M	22,672		5,376	17,296								
M4405000	PAVED DITCH REMOVAL	METER	1,036		365	671								
M4426225	CLASS B PATCHES, TYPE II, 250 MM	SQ M	767		767									
M4429400	SAW CUTS	METER	1,704		1,704									
M4430020	STRIP REFLECTIVE CRACK CONTROL TREATMENT	METER	2,168		2,168									
M4812000	AGGREGATE SHOULDERS, TYPE B	M TON	9,156		9,156									
M4820000	BITUMINOUS SHOULDERS	M TON	1,471		1,471									
M4830250	PORTLAND CEMENT CONCRETE SHOULDERS - 250 MM	SQ M	16,143		16,143									
M4830290	PORTLAND CEMENT CONCRETE SHOULDERS - 290 MM	SQ M	15,026		15,026									
M5010430	CONCRETE HEADWALL REMOVAL	CU M	154.8		44.2	15.6								
M5010521	REMOVE EXISTING CULVERTS	METER	47		23									
M5010522	PIPE CULVERT REMOVAL	METER	87											
M5020100	STRUCTURE EXCAVATION	CU M	6,281.0				1,283	2,782				2,216		
M5030105	NEOPRENE EXPANSION JOINT 50 MM	METER	74.6				24.4	25.5	24.7					

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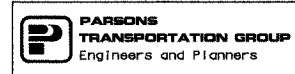
REVISIONS	
NAME	DATE
REVISED	01/31/05
MAY 27 2005	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BILL OF MATERIALS
 WAR MEMORIAL DRIVE
 FAI ROUTE 74 (I-74) (WB)
 PLAN SET #1
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04

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

SET # - BILL OF MATERIALS FOR INFORMATION ONLY					URBAN												
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	(WMD)	Q01 90% FED 10% STATE		Q10 80% FED 20% STATE		Q01 90% FED 10% STATE				90% FED 5% STATE 5% CITY		90% FED 10% STATE		
					ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) XZ71-2A	BRIDGE (2) XZ81-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER-CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNALS Y031-1F
M503025	NEOPRENE EXPANSION JOINT 100 MM	METER	51.9														
M503050	CONCRETE STRUCTURES	CU M	2,971.4				77.2	962.4	1,215.0								
M503060	CONCRETE SUPERSTRUCTURE	CU M	1,505.7				89.4	483.0	729.8								
M503090	BRIDGE DECK GROOVING	SQ M	3,842				269	1,422	2,151								
M5030450	PROTECTIVE COAT	SQ M	4,916				338	1,856	2,722								
M5040914	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS 914 MM	METER	123.4					123.4									
M5041067	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS 1067 MM	METER	161.5						161.5								
M5050105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1					1									
M5050405	FURNISHING AND ERECTING STRUCTURAL STEEL	KILOGRAM	4,190					1,370	2,820								
M5070209	UNTREATED TIMBER LAGGING	SQ M	170														
M5070211	FURNISHING SOLDIER PILES (HP SECTION)	METER	360														
M5080105	REINFORCEMENT BARS	KILOGRAM	174,010														
M5080205	REINFORCEMENT BARS, EPOXY COATED	KILOGRAM	418,420					15,580	116,360	178,860							
M510100	SLOPE WALL 100 MM	SQ M	975					111	399	465							
M5120100	FURNISHING METAL PILE SHELLS 305 MM	METER	716.0						150.0	566.0							
M5120115	FURNISHING METAL PILE SHELLS 356 MM	METER	1,703.0					437.0		1,266.0							
M5120160	FURNISHING STEEL PILES HP 310 X 79	METER	1,491.0						828.0	663.0							
M5120315	DRIVING STEEL PILES	METER	1,491.0						828.0	663.0							
M5120340	DRIVING AND FILLING SHELLS	METER	2,419.0					437.0	150.0	1,832.0							
M5120460	TEST PILE STEEL HP 310 X 79	EACH	2						1	1							
M5401225	PRECAST CONCRETE BOX CULVERT 3.6 M X 3.0 M	METER	55.0														
M5403000	CONCRETE BOX CULVERTS	CU M	1,457.1														
M542E112	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 300MM	EACH	16			4		12									
M542E116	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 375MM	EACH	4			2		2									
M542E124	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 525MM	EACH	3			1		2									
M542E128	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 600MM	EACH	4			1		3									
M542E136	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 750MM	EACH	2			1		1									
M542E144	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 900MM	EACH	2					2									
M542E152	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 1200MM	EACH	2			2											
M5420035	GRATING FOR CONCRETE FLARED END SECTION 600MM	EACH	4			1		3									
M5420045	GRATING FOR CONCRETE FLARED END SECTION 750MM	EACH	2			1		1									
M5420055	GRATING FOR CONCRETE FLARED END SECTION 900MM	EACH	2					2									
M5420065	GRATING FOR CONCRETE FLARED END SECTION 1200MM	EACH	2			2											
M5500030	STORM SEWERS, CLASS A, TYPE 1 300MM	METER	706.5			334.0		372.5									

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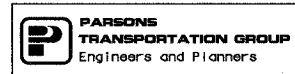
REVISIONS	
NAME	DATE
REVISED	01/31/05
MAY 27 2005	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BILL OF MATERIALS
 WAR MEMORIAL DRIVE
 FAI ROUTE 74 (I-74) (WB)
 PLAN SET #1
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	URBAN															
				ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER-CONNECT Y031-IF	90 % FED 5 % STATE 5% CITY	90 % FED 10 % STATE			
				(NWD)	(I-74)	A3	B3/B5	B1/B4	Culvert >20	Culvert <20, R Wall					War Memorial Dr/Sterling/Gen	War Memorial Dr/Scenic Dr	Scenic Dr/Mall Entrance		
M550040	STORM SEWERS, CLASS A, TYPE 1 375MM	METER	51.5	41	10.4														
M550060	STORM SEWERS, CLASS A, TYPE 1 450MM	METER	11.5		11.5														
M5500215	STORM SEWERS, CLASS B, TYPE 1 150MM	METER	25.5	4.5	21.0														
M5500430	STORM SEWERS, CLASS A, TYPE 2 300MM	METER	771.5	482.3	289.2														
M5500440	STORM SEWERS, CLASS A, TYPE 2 375MM	METER	108.5	85.5	23.0														
M5500450	STORM SEWERS, CLASS A, TYPE 2 450MM	METER	52.0	6.0	46.0														
M5500460	STORM SEWERS, CLASS A, TYPE 2 525MM	METER	107.0	56.0	51.0														
M5500465	STORM SEWERS, CLASS A, TYPE 2 600MM	METER	752.5	631.5	121.0														
M5500475	STORM SEWERS, CLASS A, TYPE 2 750MM	METER	114.5	86.0	28.5														
M5500485	STORM SEWERS, CLASS A, TYPE 2 900MM	METER	45.0	10.0	35.0														
M5500500	STORM SEWERS, CLASS A, TYPE 2 1200MM	METER	264.5	264.5															
M5510025	STORM SEWERS REMOVAL 300MM	METER	218	63	155														
M5510045	STORM SEWERS REMOVAL 450MM	METER	120	120															
M5510060	STORM SEWERS REMOVAL 600MM	METER	241	182	59														
M5510070	STORM SEWERS REMOVAL 750MM	METER	44		44														
M5510080	STORM SEWERS REMOVAL 900 MM	METER	51		51														
M5510095	STORM SEWERS REMOVAL 1200MM	METER	30		30														
M5520010	STORM SEWERS JACKED IN PLACE CLASS A, 300MM	METER	15.0	15															
M5520045	STORM SEWERS JACKED IN PLACE CLASS A, 600MM	METER	16.5	16.5															
M5970020	BRIDGE SEAT SEALER	SQ M	155			41	56	58											
M5910100	GEOCOMPOSITE WALL DRAIN	SQ M	181																
M6010080	FRENCH DRAINS	CU M	343																
M6010605	PIPE UNDERDRAINS 100 MM	METER	9,860.0		9,860.0														
M6010610	PIPE UNDERDRAINS 150 MM	METER	1,502.0		1,502.0														
M6010705	PIPE UNDERDRAINS 100 MM (SPECIAL)	METER	852.0		852.0														
M6021405	MANHOLES TYPE A, 1.2 M DIAMETER, TYPE 1, FRAME, OPEN LID	EACH	45	22	23														
M6021410	MANHOLES TYPE A, 1.2 M DIAMETER, TYPE 1, FRAME, CLOSED LID	EACH	4	1	3														
M6021445	MANHOLES TYPE A, 1.2 M DIAMETER, TYPE 9, FRAME & GRATE	EACH	4		4														
M6021605	MANHOLES TYPE A, 1.5 M DIAMETER, TYPE 1, FRAME, OPEN LID	EACH	17	14	3														
M6021805	MANHOLES TYPE A, 1.8 M DIAMETER, TYPE 1, FRAME, OPEN LID	EACH	8	6	2														
M6021810	MANHOLES TYPE A, 1.8 M DIAMETER, TYPE 1, FRAME, CLOSE LID	EACH	1		1														
M6060270	CONCRETE GUTTER, TYPE A (MODIFIED)	METER	1,447.0		1,447.0														
M6060500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B 15.30	METER	2,209.2	2,209.2															
M6060700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B 15.60	METER	1,348.1	1,348.1															

FOR INFORMATION ONLY



REVISIONS	
NAME	DATE
REVISED	01/31/05
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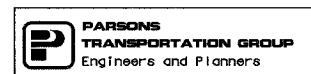
ILLINOIS DEPARTMENT OF TRANSPORTATION
 BILL OF MATERIALS
 WAR MEMORIAL DRIVE
 FAI ROUTE 74 (I-74) (WB)
 PLAN SET #1
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04

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

SET # - BILL OF MATERIALS FOR INFORMATION ONLY					URBAN												
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	(WMD)	Q01 90% FED 10% STATE		Q10 80% FED 20% STATE		Q01 90% FED 10% STATE			90% FED 5% STATE 5% CITY		90% FED 10% STATE			
					ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) XZ71-2A	BRIDGE (2) XZ81-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER-CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNALS Y031-1F
						(I-74)	A3	B3/B5	B1/B4	Culvert >20	Culvert <20, R Wall				War Memorial Dr/Sterling/Glen	War Memorial Dr/Scientific	Scenic Dr/Mall Entrance
M6061400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B 22.30	METER	339.0	339.0													
M6061600	COMBINATION CONCRETE CURB AND GUTTER, TYPE B 22.60	METER	447.0	447.0													
M6063090	COMBINATION CONCRETE CURB AND GUTTER, TYPE M SPECIAL	METER	121.9			121.9											
M6063300	PAVED DITCH, TYPE A-15	METER	65.0			65											
M6063600	CONCRETE MEDIAN SURFACE, 100 MM	SQ M	452.1	452.1													
M6064100	CONCRETE MEDIAN, TYPE SB-15.30	SQ M	301.7	301.7													
M6064600	CONCRETE MEDIAN, TYPE SB-22.30	SQ M	335.0	335.0													
M6300100	STEEL PLATE BEAM GUARDRAIL, TYPE A	METER	804.50	75.00		723.50											
M6320030	GUARDRAIL REMOVAL	METER	1,051			1,051											
M6370140	CONCRETE BARRIER, SINGLE FACE (MODIFIED)	METER	437.8			437.8											
M6370120	CONCRETE BARRIER, DOUBLE FACE (MODIFIED)	METER	129.0			129.0											
M6380600	MODULAR GLARE SCREEN SYSTEM	METER	1,840.0			1,840.0											
M6640100	CHAIN LINK FENCE 1.2 METER	METER	121.0			121											
M6640480	CHAIN LINK GATES, 1.2 M X 3.3 M SINGLE	EACH	2			2											
M7030520	PAVEMENT MARKING TAPE, TYPE III 100MM	METER	43,474	21,101		22,373											
M7030550	PAVEMENT MARKING TAPE, TYPE III 200MM	METER	835			835											
M7031000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ M	4,786	2,045		2,741											
M7040300	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	436.00			436.00											
M7040400	TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	3,670	3,396.00		3,670	3,396.00										
M7210105	SIGN PANEL OVERLAY, SPECIAL	SQ M	18.82			13.84	4.98										
M7800100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ M	30.1	30.1													
M7800105	THERMOPLASTIC PAVEMENT MARKING - LINE 100 MM	METER	6,015	5,991		24											
M7800115	THERMOPLASTIC PAVEMENT MARKING - LINE 150 MM	METER	1,334	1,334													
M7800120	THERMOPLASTIC PAVEMENT MARKING - LINE 200 MM	METER	2,949	2,909		40											
M7800125	THERMOPLASTIC PAVEMENT MARKING - LINE 300 MM	METER	523	523													
M7800140	THERMOPLASTIC PAVEMENT MARKING - LINE 600 MM	METER	151	151													
M7800600	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ M	13	6		7											
M7802010	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 100 MM	METER	22,816	145		22,671											
M7802015	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 150 MM	METER	1,823	26		1,797											
M7802020	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 200 MM	METER	3,450	103		3,347											
M7802030	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 300 MM	METER	311	46		265											
M7802050	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 600 MM	METER	40	29		11											
M8100250	CONDUIT IN TRENCH, 50 MM DIA, PVC	METER	1,473										1,285			118	90
M8100270	CONDUIT IN TRENCH, 65 MM DIA, PVC	METER	22													10	12
M8100290	CONDUIT IN TRENCH, 90 MM DIA, PVC	METER	130													85	45



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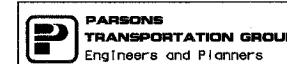
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BILL OF MATERIALS
 WAR MEMORIAL DRIVE
 FAI ROUTE 74 (I-74) (WB)
 PLAN SET #1
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SET * - BILL OF MATERIALS FOR INFORMATION ONLY					URBAN																	
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	(WMD)	Q01 90% FED 10% STATE	Q10 80% FED 20% STATE	Q01 90% FED 10% STATE					90 % FED 5 % STATE 5% CITY		90 % FED 10 % STATE								
					ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER-CONNECT Y031-1F	War Memorial Dr/Sterling/Gen	War Memorial Dr/Scenic Dr	Scenic Dr/Mall Entrance				
M8100300	CONDUIT IN TRENCH, 100 MM DIA, PVC	METER	61															25	36			
M8150200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	1,474															120	89			
M8730220	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	150																150			
M8730240	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	1,535																985	550		
M8730250	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	280																170	110		
M8750490	TRAFFIC SIGNAL POST GALVANIZED STEEL 4.25 METER	EACH	1																1			
M8770025	STEEL MAST ARM ASSEMBLY AND POLE 6.70 METER	EACH	1																	1		
M8770730	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 7.92 METER	EACH	1																	1		
M8770740	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 9.14 METER	EACH	1																	1		
M8770755	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 10.97 METER	EACH	1																	1		
M8770765	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.19 METER	EACH	1																	1		
M8770771	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 14.02 METER	EACH	1																	1		
M8780100	CONCRETE FOUNDATION, TYPE A	METER	1.2																	1.2		
M8780200	CONCRETE FOUNDATION, TYPE D	METER	2.4																	1.2	1.2	
M8780400	CONCRETE FOUNDATION, TYPE E 750 MM DIAMETER	METER	6.0																	3	3	
MX030199	TEMPORARY PAVEMENT	SQ M	207																	207		
MX030471	FORM LINER LIMESTONE SURFACE	SQ M	993					182	150				661									
MX030472	FORM LINER GRID AND FIN SURFACE	SQ M	1,382					216	194				972									
MX030473	FORM LINER PARAPET SURFACE	SQ M	140						140													
MX032083	GUARDRAIL AGGREGATE EROSION CONTROL	M TON	371		34																337	
MX033109	DRILLING AND SETTING SOLDIER PILES	CU M	81.4																		81.4	
MX033181	WATER (DUST CONTROL)	UNIT	395																		395	
MX033182	APPLY DUST SUPPRESSION AGENTS	UNIT	998																		998	
MX033183	SOIL STABILIZERS	KG	96,143																		96,143	
MX033192	AGGREGATE SUB-BASE	M TON	68,812																		68,812	
MX033194	WHITENASH	SQ M	88,069																		88,069	
MX033206	TEMPORARY SIGN PANEL OVERLAY	SQ M	13.32																		13.32	
MX033450	CONCRETE BARRIER, DOUBLE FACE (SPECIAL)	CU M	1,317.9																		1,094.0	223.9
MX033460	WET TEMPORARY PAVEMENT MARKING TAPE TYPE III 100 MM	METER	835.0																		835.0	
MX032657	REMOVAL AND DISPOSAL OF TEMPORARY CONCRETE BARRIER	METER	4,484.00																		4,484.00	
MX040245	AGGREGATE SURFACE COURSE, TYPE B, 200 MM	HA	0.42																		0.42	
MX406064	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "E", NTO	M TON	3,717																		3,717	
MX406246	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, NTO	M TON	5,575																		5,575	
MX406295	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL 19.0 L (LOW ESAL)	M TON	26,904																		26,904	

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REVISIONS	
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REVISOR	01/31/05
MAY 27 2005	

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BILL OF MATERIALS
 WAR MEMORIAL DRIVE
 FAI ROUTE 74 (I-74) (WB)
 PLAN SET #1
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04

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

SET # - BILL OF MATERIALS FOR INFORMATION ONLY				URBAN												
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	Q01 90% FED 10% STATE		Q10 80% FED 20% STATE		Q01 90% FED 10% STATE				90% FED 5% STATE 5% CITY		90% FED 10% STATE		
				ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER-CONNECT Y031-IF	TRAFFIC SIGNALS Y031-IF	TRAFFIC SIGNALS Y031-IF
				(WMD)	(I-74)	A3	B3/B5	B1/B4	Culvert >20	Culvert <20, R Wall				War Memorial Dr/Sterling/Olen	War Memorial Dr/Scenic Dr	Scenic Dr/Mall Entrance
M0504002	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BULB T-BEAMS 1829 MM	METER	1,445.1				596.6	846.5								
M0509025	ALUMINUM RAILING TYPE H (SPECIAL)	METER	666.0			68.0	183.5	257.0		157.5						
M0637105	CONCRETE BARRIER TRANSITION, SPECIAL	CU M	5.7		5.7											
M0637112	CONCRETE BARRIER TRANSITION (MODIFIED)	METER	19.0		19											
M0720100	TEMPORARY SIGN PANEL ASSEMBLY	SQ M	26.78		8.94			17.84								
M0721010	COMPOSITE TEMPORARY SIGN OVERLAY	SQ M	15.34		7.33			8.01								
M0817055	ELECTRIC CABLE IN CONDUIT, 600V 3-1/C NO. 6	METER	70												50	20
M0871055	FIBER OPTIC CABLE IN CONDUIT, NO62.5/125, MM2F SM12F	METER	2,165									2,165				
M0877019	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16.46 METER	EACH	1												1	
M0877020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16.76 METER	EACH	1												1	
M0878030	CONCRETE FOUNDATION, TYPE E 900MM DIAMETER	METER	23.4												13.2	10.2
*4001625	BARRIER BASE	SQ M	104		104											
M2017205	DOWEL BARS 38 MM	EACH	2,366	2,366												
M2021500	EXPANSION JOINT 75 MM	METER	30		30											
M2022800	FENCE REMOVAL	METER	131		131											
M2031005	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ M	1,706.0							1,706						
M2031017	MECHANICALLY STABILIZED EARTH RETAINING WALL WITH CAST IN PLACE FACING	SQ M	1,577.0							1,577						
M2047300	PROTECTIVE SHIELD	SQ M	1,794					1,328	466							
X0323336	LED SIGNAL FACE RETROFIT, RED BALL	EACH	14											14		
X0323337	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	14											14		
X0323339	LED SIGNAL FACE RETROFIT, WALK/DONT WALK SPECIAL	EACH	2											2		
X0323481	VIDEO VEHICLE DETECTION, 4 CAMERAS	EACH	3											3		1
X0323418	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	14											14		
X0324134	BATTERY BACKUP SYSTEM WITH CABINET	EACH	3											3		1
X0323419	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	14											14		
X0323420	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	14											14		
X0323483	LED SIGNAL FACE RETROFIT, RED ARROW	EACH	8											8		
X0323677	STREET SWEEPING	HOUR	482		482											
X0323678	DUST CONTROL PADS	EACH	2		2											
X0323778	DRAINAGE SCUPPERS, TYPE 1	EACH	6			2	4									
X0323779	DRAINAGE SCUPPERS, TYPE 2	EACH	12				4	8								
X0323989	REINSTALL TEMPORARY SIGN PANEL ASSEMBLY	EACH	20		9			11								
XT015000	CHANGEABLE MESSAGE SIGN	CAL MD	24		24											
XB800020	SIGNAL HEAD, LED, 1 - FACE, 3 - SECTION, MAST ARM MOUNTED	EACH	16												10	6

FOR INFORMATION ONLY



REVISIONS	
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ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
BILL OF MATERIALS
 WAR MEMORIAL DRIVE
 FAI ROUTE 74 (I-74) (WB)
 PLAN SET #1
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	30A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SET * - BILL OF MATERIALS FOR INFORMATION ONLY					URBAN														
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	△	Q01 90% FED 10% STATE		Q10 80% FED 20% STATE		Q01 90% FED 10% STATE					90% FED 5% STATE 5% CITY		90% FED 10% STATE			
					ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER-CONNECT Y031-IF	TRAFFIC SIGNALS Y031-IF	TRAFFIC SIGNALS Y031-IF	TRAFFIC SIGNALS Y031-IF	War Memorial Dr/Sterling/Glen
X8800035	SIGNAL HEAD, LED, 1 - FACE, 3 - SECTION, BRACKET MOUNTED	EACH	9															5	4
X8800038	SIGNAL HEAD, LED, 1 - FACE, 4 - SECTION, MAST ARM MOUNTED	EACH	1															1	
X8800040	SIGNAL HEAD, LED, 1 - FACE, 5 - SECTION, BRACKET MOUNTED	EACH	4															3	1
X8810610	PEDESTRIAN SIGNAL HEAD, LED, 1 - FACE, BRACKET MOUNTED	EACH	6																6
Z0002600	BAR SPLICERS	EACH	250				78	84	88										
Z0030130	IMPACT ATTENUATORS, (PARTIALLY REDIRECTED) TEST LEVEL 3	EACH	1															1	
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON - REDIRECTIVE) TEST LEVEL 3	EACH	3															3	
*4001612	PIPE CULVERTS, CLASS A ,2750 MM DIAMETER (WACKED)	METER	191.0																191.0

* SPECIALTY ITEMS
+ FUND CODE SFTY-3N
++ FUND CODE 1080
+++ FUND CODE SFTY-3C
0 NON PARTICIPATING

△ (1) RAMP A-3 OVER RAMP B-5, SN 072-0172
(2) RAMPS B-3 & B-5 OVER US 150 & RAMP B-6, SN 072-0190 (EX. SN 072-0026)
(3) RAMPS B-1 & B-4 OVER RAMPS A-3, B-3 & I-74, SN 072-0183 (EX. SN 072-0027)
(4) BOX CULVERT SN 072-2030 (EX. SN 072-2505) & BOX CULVERT SN 072-2032 (EX. SN 072-2506).
(5) Wall 8, SN 072-8556, Wall 8A, Sn 072-8557, Wall 9, SN 072-8558, Wall 10, SN 072-8559, Wall 11, SN 072-8560, Wall 12, SN 072-8561, CULVERT EXTENSION SN 072-2504, Wall 12B, & DIFFERENTIAL HEIGHT BARRIER

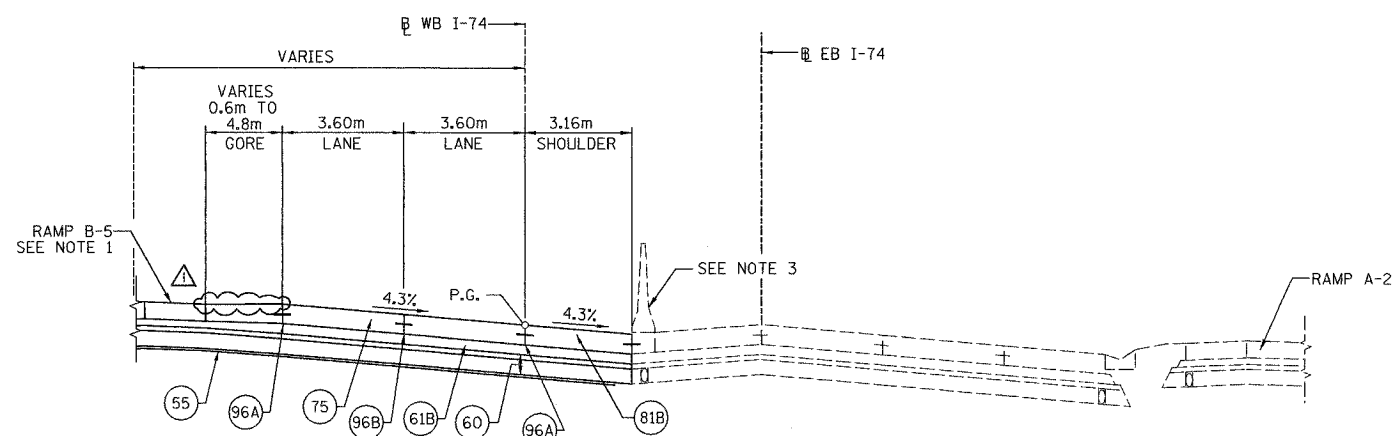
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ILLINOIS DEPARTMENT OF TRANSPORTATION
BILL OF MATERIALS
WAR MEMORIAL DRIVE
FAI ROUTE 74 (I-74) (WB)
PLAN SET #1
DRAWN BY CADD
CHECKED BY RSC
DATE 11/12/04

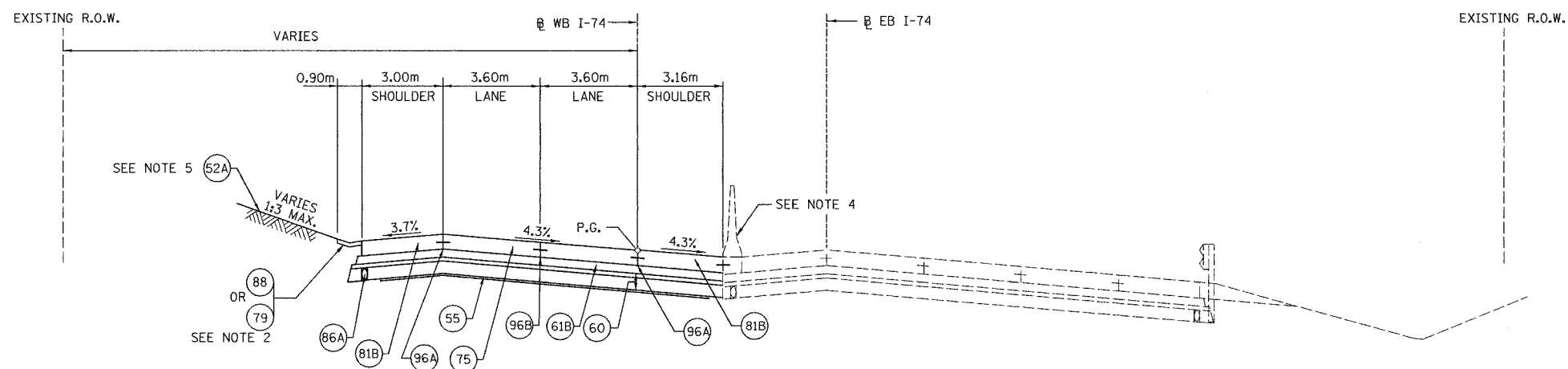
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



TYPICAL SECTION-06
FAI ROUTE 74
STA. 143+137.760 WB TO STA. 143+324.636 WB

LEGEND:

- (52A) PR TOPSOIL, FURNISH AND PLACE, 100mm
- (54) PR POROUS GRANULAR EMBANKMENT
- (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (60) PR AGGREGATE SUB-BASE, 300 mm
- (61B) PR BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0L (LOW ESAL), 150 mm
- (75) PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 290 mm
- (79) PR AGGREGATE SHOULDERS, TYPE B
- (81B) PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
- (86A) PR PIPE UNDERDRAINS 100 mm
- (86B) PR PIPE UNDERDRAINS 150 mm
- (88) PR CONCRETE GUTTER, TYPE A (MODIFIED)
- (92A) PR CONCRETE BARRIER, DOUBLE FACE
- (96A) PR LONGITUDINAL CONSTRUCTION JOINT
- (96B) PR SAWED LONGITUDINAL JOINT



TYPICAL SECTION-7
FAI ROUTE 74
STA. 143+324.636 WB TO STA. 143+621.043 WB

NOTES:

1. RAMP B-5 APPLIES BETWEEN STA. 142+879.993 (WB) AND STA. 143+325.00 (WB). FOR DETAILS SEE RAMP B-5 TYPICAL SECTION.
2. PROPOSED CONCRETE GUTTER, TYPE A (MODIFIED) APPLIES BETWEEN STA. 143+400.00 (WB) AND STA. 143+538.911 (WB). AGGREGATE SHOULDER, TYPE B APPLIES AT OTHER LOCATIONS.
3. PROPOSED CONCRETE MEDIAN BARRIER, DOUBLE FACE APPLIES BETWEEN STA. 143+100.000 (WB) AND STA. 143+320.000 (WB).
4. PROPOSED CONCRETE MEDIAN BARRIER, DOUBLE FACE APPLIES BETWEEN STA. 143+570.000 (WB) AND STA. 143+630.000 (WB).
5. RAMP A-3 APPLIES BETWEEN STA. 143+580.465 (WB) AND STA. 143+780.000 (WB). FOR DETAILS SEE RAMP A-3 TYPICAL SECTIONS.

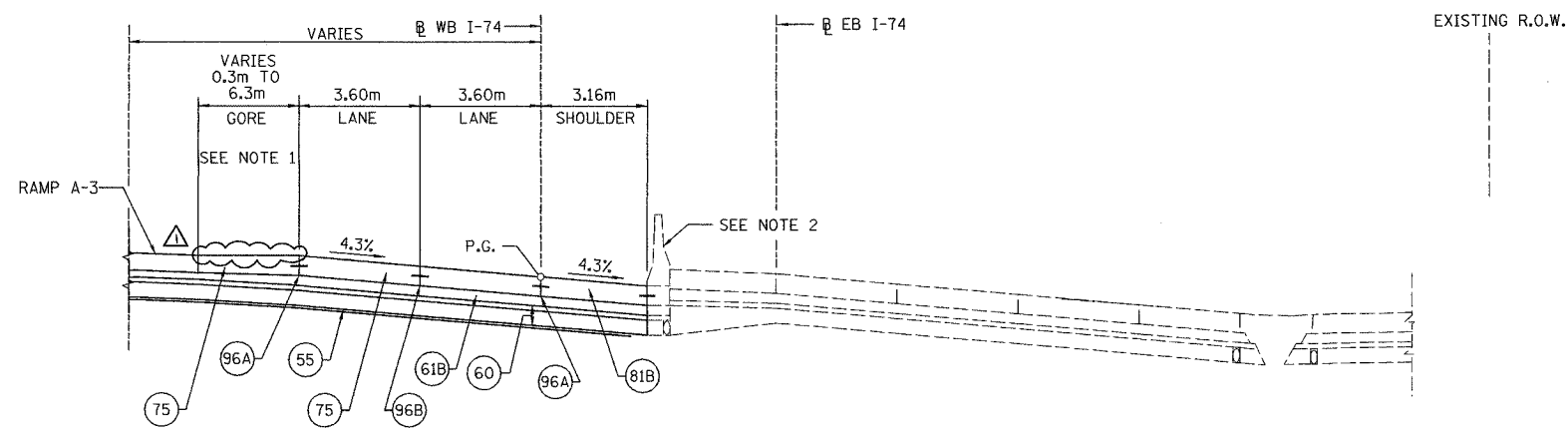
6. MEDIAN PIPE UNDERDRAINS TO OUTLET INTO MEDIAN STORM SEWER SYSTEM.
7. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGES, LIGHTING FOUNDATIONS AND DRAINAGE STRUCTURE ELEMENTS.

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005
REVISED	
SHEET	

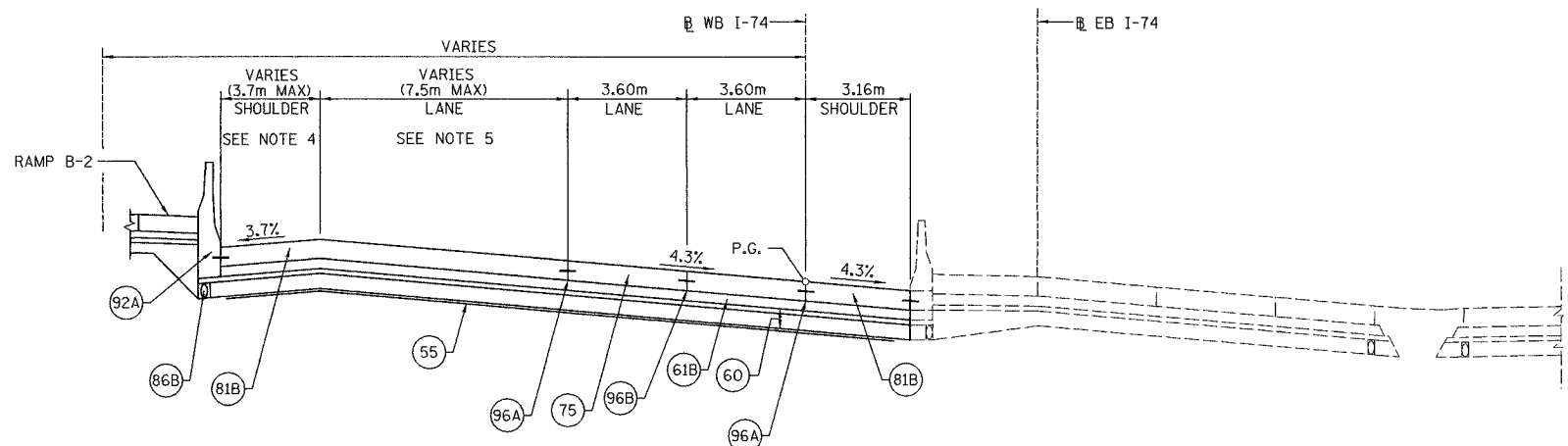
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAI ROUTE 74 (I-74) (WB)
PROPOSED MAINLINE
DRAWN BY CADD
CHECKED BY MWP
DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TYPICAL SECTION-8
FAI ROUTE 74
STA. 143+621.043 WB TO 143+820.000 WB



TYPICAL SECTION-9
FAI ROUTE 74
STA. 143+820.000 WB TO 144+220.000 WB

LEGEND:

- (52A) PR TOPSOIL, FURNISH AND PLACE, 100mm
- (54) PR POROUS GRANULAR EMBANKMENT
- (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (60) PR AGGREGATE SUB-BASE, 300 mm
- (61B) PR BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0L (LOW ESAL), 150 mm
- (70) PR INCIDENTAL BITUMINOUS SURFACING
- (75) PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, 290 mm
- (79) PR AGGREGATE SHOULDERS, TYPE B
- (81B) PR PORTLAND CEMENT CONCRETE SHOULDERS, 290 mm
- (86A) PR PIPE UNDERDRAINS 100 mm
- (86B) PR PIPE UNDERDRAINS 150 mm
- (88) PR CONCRETE GUTTER, TYPE A (MODIFIED)
- (92A) PR CONCRETE BARRIER, DOUBLE FACE
- (96A) PR LONGITUDINAL CONSTRUCTION JOINT
- (96B) PR SAWED LONGITUDINAL JOINT

NOTES:

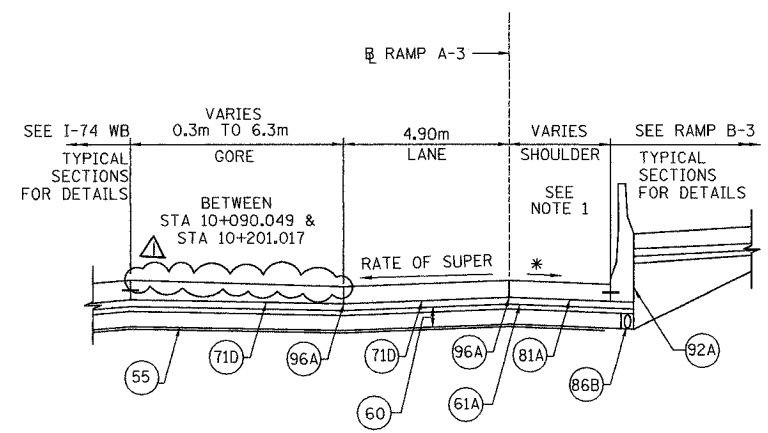
1. PROPOSED GORE VARIES FROM STA. 143+621.043(WB) TO STA. 143+730.577(WB). FROM STA. 143+730.577(WB) TO STA. 143+820.000(WB) SEE RAMP A-3 TYPICAL SECTION 1.
2. PROPOSED CONCRETE MEDIAN BARRIER, DOUBLE FACE APPLIES BETWEEN STA. 143+570.000 (WB) TO STA. 143+630.000 (WB)
3. PROPOSED CONCRETE MEDIAN BARRIER, DOUBLE FACE APPLIES BETWEEN STA. 143+580.465 (WB) TO STA. 144+029.947 (WB)
4. PROPOSED SHOULDER TRANSITION FROM 3.74m AT STA. 143+820(WB) TO 2.83m AT STA. 144+029.732(WB). GORE EXISTS BETWEEN STA. 144+029.732(WB) AND STA. 144+146.191(WB). VARYING BETWEEN 6.3m AND 0.3m. AT STA. 144+146.191(WB) SHOULDER RETURNS WITH A WIDTH OF 1.8m AND TRANSITIONS FROM 1.8m AT STA. 144+197.354(WB) TO 3.0m AT STA. 144+220.000(WB). SEE CONCRETE BARRIER LAYOUT DETAIL FOR LAYOUT OF BARRIER AND ADJACENT SHOULDERS.
5. PROPOSED 7.5m LANE IS INTRODUCED WITH THE DIVERGENCE OF RAMP B-2 FROM THE MAINLINE AT STA. 144+146.191(WB) AND TRANSITIONS TO 3.6m AT STA. 144+220.000(WB).
6. PROPOSED GUARDRAIL APPLIES BETWEEN STA. 144+152.220 TO STA. 144+718.000.
7. MEDIAN PIPE UNDERDRAINS TO OUTLET INTO MEDIAN STORM SEWER SYSTEM.
8. OFFSET PIPE UNDERDRAINS TO AVOID CONFLICTS WITH BRIDGES, LIGHTING FOUNDATIONS AND DRAINAGE STRUCTURE ELEMENTS.

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005
REVISED	
SHEET	

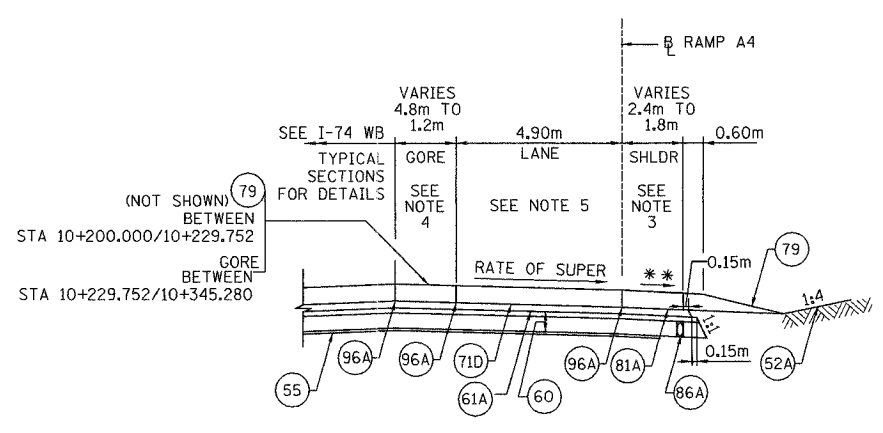
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAI ROUTE 74 (I-74) (WB)
PROPOSED MAINLINE
 DRAWN BY CADD
 CHECKED BY MWP
 DATE 11/12/04



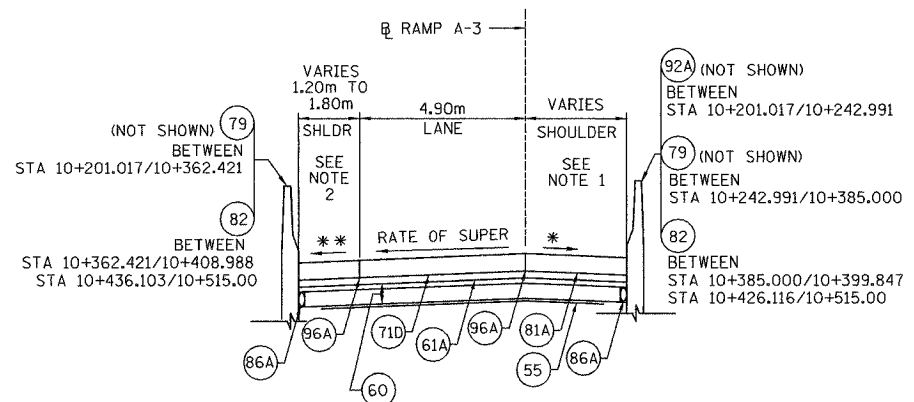
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	37
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



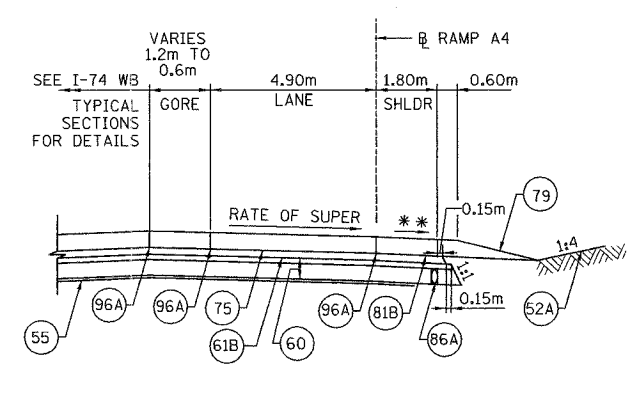
TYPICAL SECTION 1; RAMP A-3
SUPERELEVATED SECTION
STA. 10+000.000 TO STA. 10+201.017



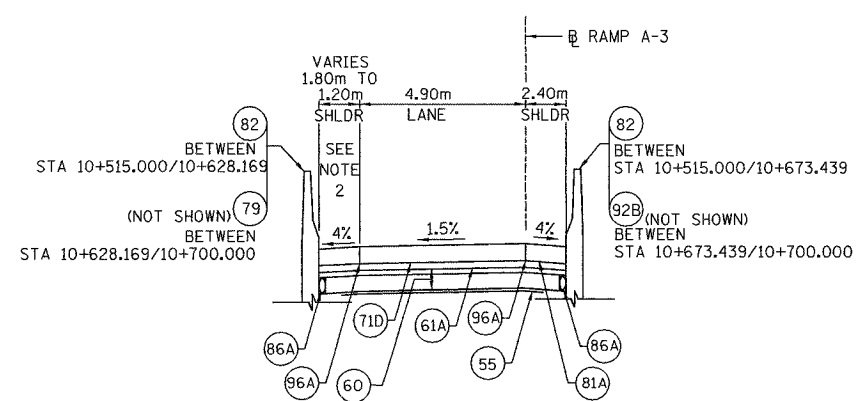
TYPICAL SECTION 1; RAMPS A-4
SUPERELEVATED SECTION
STA. 10+200.000 TO STA. 10+345.280



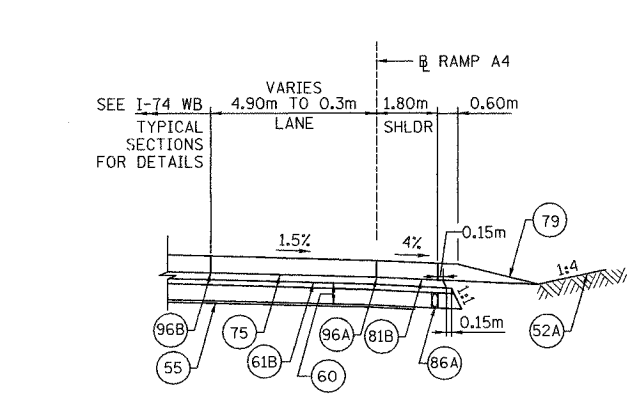
TYPICAL SECTION 2; RAMP A-3
SUPERELEVATED SECTION
STA. 10+201.017 TO STA. 10+515.000
(STA. 10+398.505 TO STA. 10+432.516-BRIDGE OMISSION)



TYPICAL SECTION 2; RAMPS A-4
SUPERELEVATED SECTION
STA. 10+345.280 TO STA. 10+375.000



TYPICAL SECTION 3; RAMP A-3
STA. 10+515.000 TO STA. 10+700.000



TYPICAL SECTION 3; RAMPS A-4
STA. 10+375.000 TO STA. 10+635.229

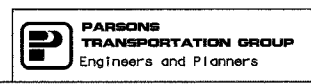
LEGEND:

- (52A) PR TOPSOIL, FURNISH AND PLACE, 100mm
- (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (60) PR AGGREGATE SUB-BASE, 300 mm
- (61A) PR BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0L (LOW ESAL), 100 mm
- (71D) PR PORTLAND CEMENT CONCRETE PAVEMENT, 250 mm (JOINTED)
- (75) PR CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE, 290mm
- (79) PR AGGREGATE SHOULDERS, TYPE B
- (81A) PR PORTLAND CEMENT CONCRETE SHOULDERS 250 mm
- (81B) PR PORTLAND CEMENT CONCRETE SHOULDERS 290 mm
- (82) PR RETAINING WALL
- (86A) PR PIPE UNDERDRAINS 100 mm
- (86B) PR PIPE UNDERDRAINS 150 mm
- (92A) PR CONCRETE BARRIER, DOUBLE FACE
- (92B) PR CONCRETE BARRIER, SINGLE FACE
- (96A) PR LONGITUDINAL CONSTRUCTION JOINT
- (96B) PR SAWED LONGITUDINAL JOINT

NOTES:

1. RAMP A-3 RT SHOULDER WIDTHS:
BTW STA 10+000.000/10+041.534, VARIES 3.30m TO 2.83m
BTW STA 10+041.534/10+141.262, VARIES 2.83m TO 4.56m
BTW STA 10+141.262/10+242.656, VARIES 4.56m TO 3.90m
BTW STA 10+242.656/10+440.116, CONSTANT 1.8m
BTW STA 10+440.116/10+475.116, VARIES 1.8m TO 2.4m
BTW STA 10+475.116/10+700.000, CONSTANT 2.4m
2. RAMP A-3 LT SHOULDER WIDTHS:
BTW STA 10+201.017/10+449.394, CONSTANT 1.2m
BTW STA 10+449.394/10+484.393, VARIES 1.2m TO 1.8m
BTW STA 10+484.393/10+628.169, CONSTANT 1.8m
BTW STA 10+628.169/10+663.169, VARIES 1.8m TO 1.2m.
BTW STA 10+663.169/10+700.000, CONSTANT 1.2m
3. RAMP A-4 RT SHOULDER WIDTHS:
BTW STA 10+200.000/10+210.000, VARIES 2.4m TO 1.8m
BTW STA 10+210.000/10+635.229, CONSTANT 1.8m
4. RAMP A-4 LT SHOULDER WIDTHS:
BTW STA 10+200.000/10+229.752, CONSTANT 1.2m
BTW STA 10+229.752/10+375.283, GORE
5. RAMP A-4 SUPERELEVATION TRANSITION:
BTW STA 10+245 (NOT SHOWN) TO STA 10+375

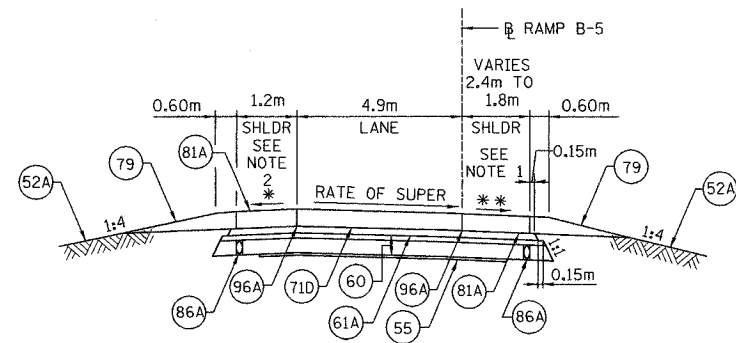
* 4% OR 8% MINUS THE RATE OF SUPER, WHICHEVER IS MINIMUM.
** 4% MINIMUM OR RATE OF SUPER, WHICHEVER IS GREATER.



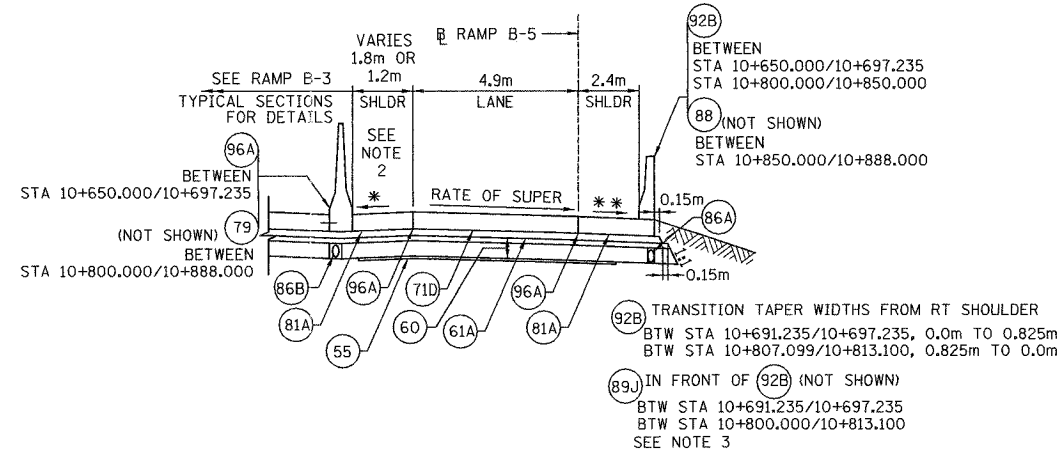
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005
REVISED	
SHEET	

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
FAI ROUTE 74 (I-74) (WB)
PROPOSED RAMPS A-3 & A-4
DRAWN BY CADD
CHECKED BY MKW
DATE 11/12/04

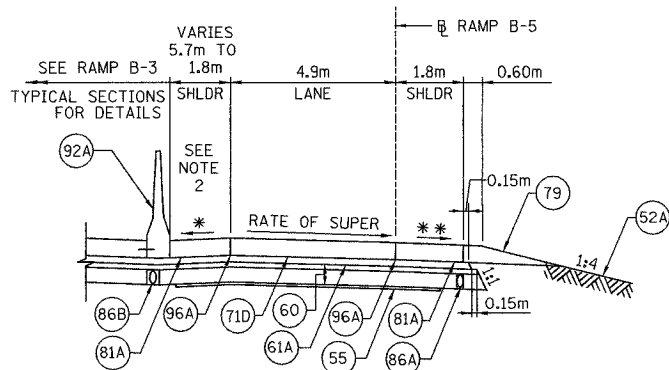
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



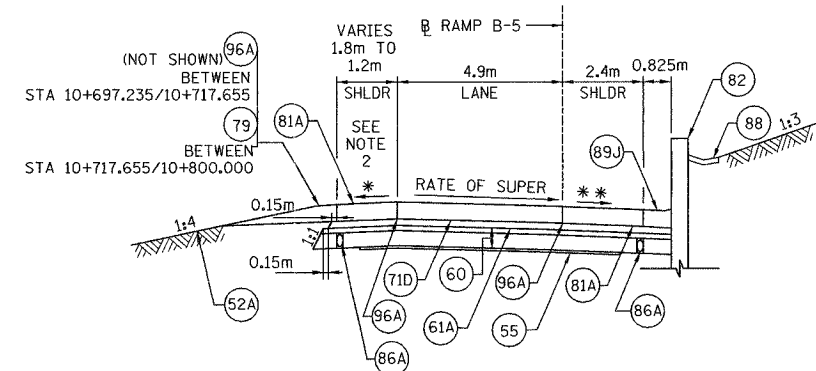
TYPICAL SECTION 1; RAMP B-5
SUPERELEVATION SECTION
STA. 10+000.000 TO STA. 10+241.798



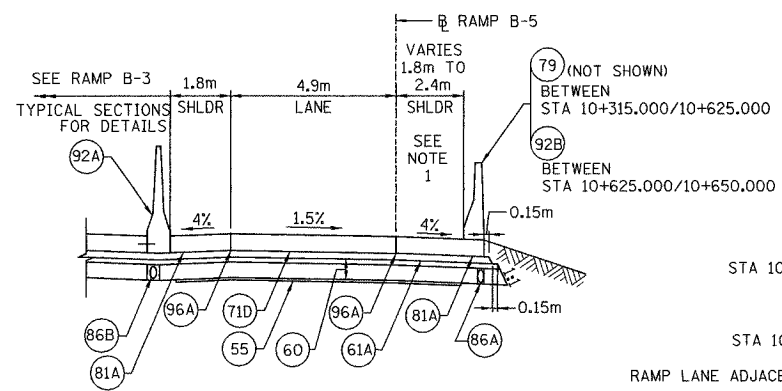
TYPICAL SECTION 4; RAMP B-5
SUPERELEVATED SECTION
STA. 10+650.000 TO STA. 10+697.235
STA. 10+800.000 TO STA. 10+888.000



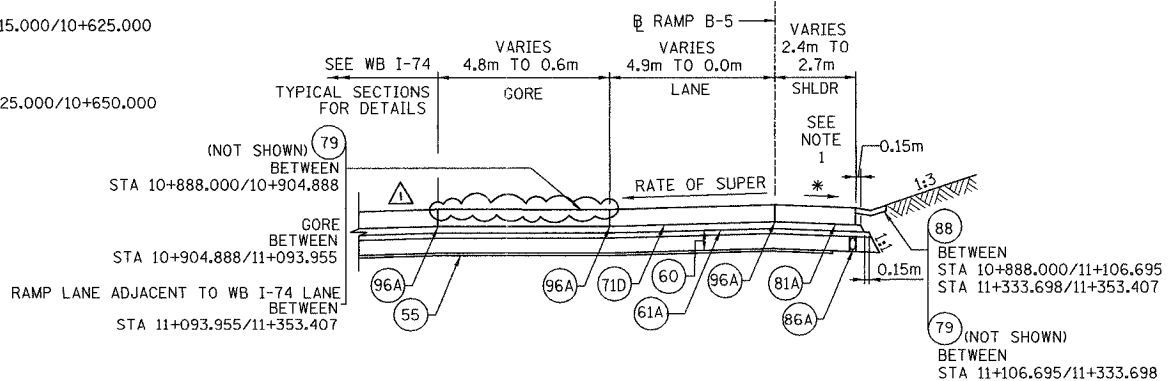
TYPICAL SECTION 2; RAMP B-5
SUPERELEVATED SECTION
STA. 10+241.798 TO STA. 10+315.000



TYPICAL SECTION 5; RAMP B-5
SUPERELEVATED SECTION
STA. 10+697.235 TO STA. 10+800.000



TYPICAL SECTION 3; RAMP B-5
STA. 10+315.000 TO STA. 10+650.000
STA. 10+419.562 TO STA. 10+505.385 (BRIDGE OMISSION)



TYPICAL SECTION 6; RAMP B-5
SUPERELEVATED SECTION
STA. 10+888.000 TO STA. 11+353.407

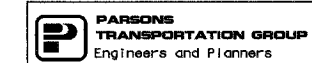
LEGEND:

- (52A) PR TOPSOIL, FURNISH AND PLACE, 100mm
- (54) PR POROUS GRANULAR EMBANKMENT
- (55) PR GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (60) PR AGGREGATE SUB-BASE, 300 mm
- (61A) PR BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0L (LOW ESAL), 100 mm
- (71D) PR PORTLAND CEMENT CONCRETE PAVEMENT, 250 mm (JOINTED)
- (79) PR AGGREGATE SHOULDERS, TYPE B
- (81A) PR PORTLAND CEMENT CONCRETE SHOULDERS 250 mm
- (82) PR RETAINING WALL
- (83) PR NOISE BARRIER
- (86A) PR PIPE UNDERDRAINS 100 mm
- (86B) PR PIPE UNDERDRAINS 150 mm
- (88) PR CONCRETE GUTTER, TYPE A (MODIFIED)
- (89J) PR COMBINATION CONCRETE CURB & GUTTER, TYPE M (SPECIAL)
- (92A) PR CONCRETE BARRIER, DOUBLE FACE
- (92B) PR CONCRETE BARRIER, SINGLE FACE
- (96A) PR LONGITUDINAL CONSTRUCTION JOINT

NOTES:

1. RT SHOULDER WIDTHS
BTW STA 10+000.000/10+023.170, CONSTANT 2.4
BTW STA 10+023.170/10+035.575, VARIES 2.4m TO 1.8m
BTW STA 10+035.575/10+607.041, CONSTANT 1.8m
BTW STA 10+607.041/10+625.000, VARIES 1.8m TO 2.4m
BTW STA 10+625.000/11+329.978, CONSTANT 2.4m
BTW STA 11+329.978/11+353.407, VARIES 2.4m TO 2.7m
2. LT SHOULDER WIDTHS
BTW STA 10+062.141/10+072.911, GORE B-5 & WAR MEMORIAL
BTW STA 10+072.911/10+241.798, CONSTANT 1.2m
BTW STA 10+241.798/10+285.128, VARIES 5.7m TO 1.8m
BTW STA 10+285.128/10+717.655, CONSTANT 1.8m
BTW STA 10+717.655/10+723.949, VARIES 1.8m TO 1.2m
BTW STA 10+723.949/10+904.888, CONSTANT 1.2m
BTW STA 10+904.888/11+093.955, GORE B-5 & WB I-74
3. WIDTHS, COMB CONCRETE CURB & GUTTER, TYPE M (SPECIAL)
BTW STA 10+691.235/10+697.235, VARIES 0.3m TO 0.825m
BTW STA 10+697.235/10+807.099, CONSTANT 0.825m
BTW STA 10+807.099/10+813.100, VARIES 0.825m TO 0.3m

* 4% OR 8% MINUS THE RATE OF SUPER, WHICHEVER IS MINIMUM
* * 4% MIN. OR RATE OF SUPER, WHICHEVER IS GREATER.



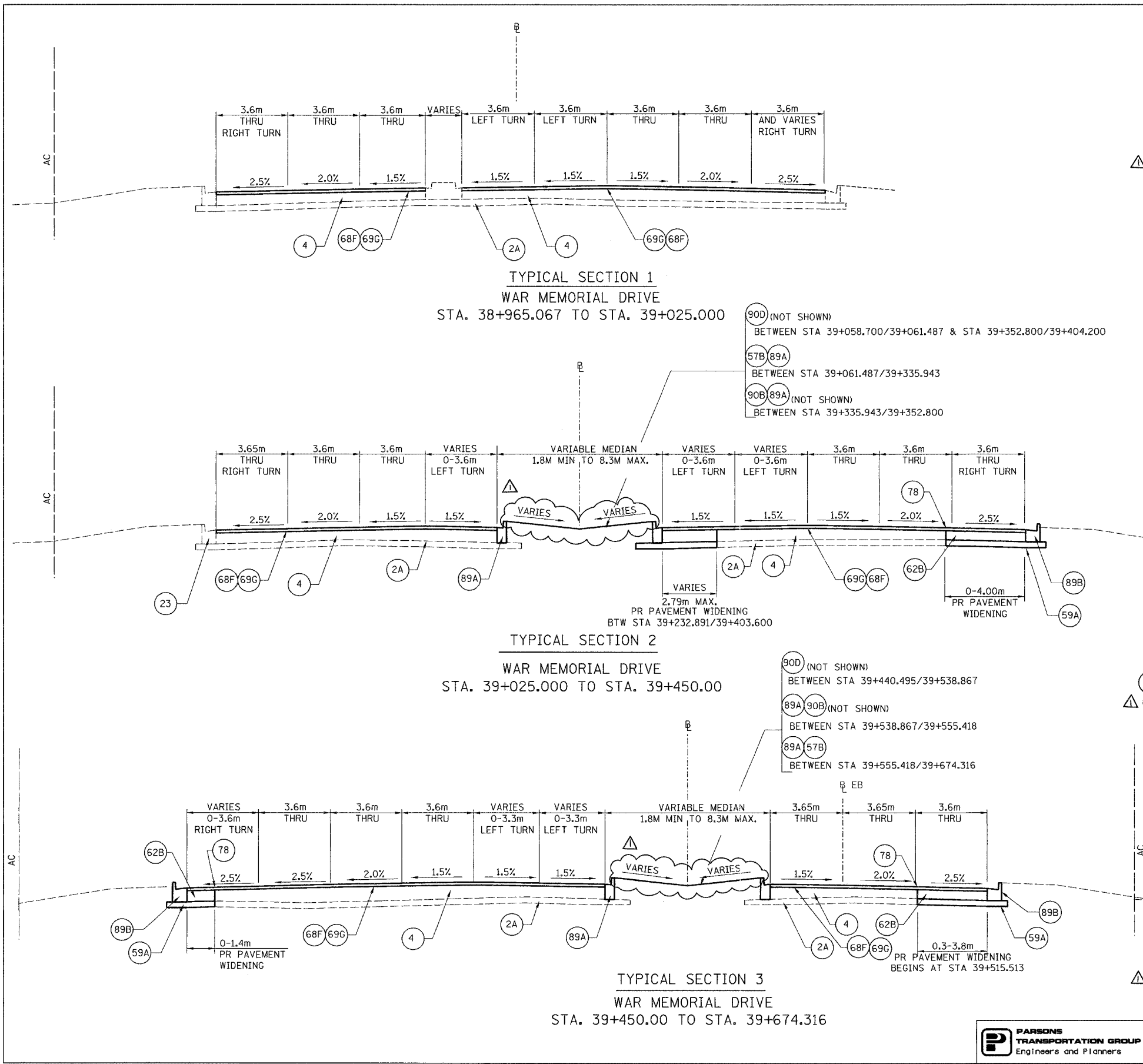
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS FAI ROUTE 74 (I-74) (WB) PROPOSED RAMP B-5 DRAWN BY CADD CHECKED BY KJW DATE 11/12/04
NAME	DATE	
ADDENDUM #1	MAY 27 2005	
REVISED		
SHEET		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	45
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND:

- (2A) EX SUB-BASE GRANULAR MATERIAL 150mm
- (4) EX PCC BASE COURSE
- (6A) EX BITUMINOUS RESURFACING 75mm (SEE NOTE 3)
- (13) EX BITUMINOUS SHOULDER
- (23) EX COMBINATION CONCRETE CURB & GUTTER
- (24) EX CONCRETE MEDIAN
- (57B) PR SODDING SALT TOLERANT
- (59A) PR SUB-BASE GRANULAR, TYA 150mm
- (62B) PR PCC BASE COURSE 240mm
- (68F) PR POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, "MIX E", NTO
- (69C) PR POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, NTO
- (71D) PR PORTLAND CEMENT CONCRETE PAVEMENT 250mm (JOINTED)
- (78) PR STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (80) PR BITUMINOUS SHOULDERS 200mm
- (89A) PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.30
- (89B) PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
- (90B) PR CONCRETE MEDIAN SURFACE, 100mm
- (90D) PR CONCRETE MEDIAN, TYPE SB-22.30

- NOTES:**
- ALL EXISTING BITUMINOUS RESURFACING (LEGEND #6A) IS TO BE REMOVED TO THE TOP OF THE EXISTING PCC BASE COURSE (#4).
 - EXISTING PCC BASE COURSE (LEGEND #4), MAY BE CROWNED, BUT NOT AT THE SAME LOCATION OF THE PROPOSED CROWN. EXISTING CROWN NOT TO BE REMOVED.
 - EXISTING BITUMINOUS RESURFACING (LEGEND #6A) NOT SHOWN. SEE EXISTING TYPICAL SECTIONS.
 - PROPOSED SURFACE COURSE DEPTH EQUALS 38mm, BINDER COURSE DEPTH VARIES BASED ON CROWN RELOCATION.



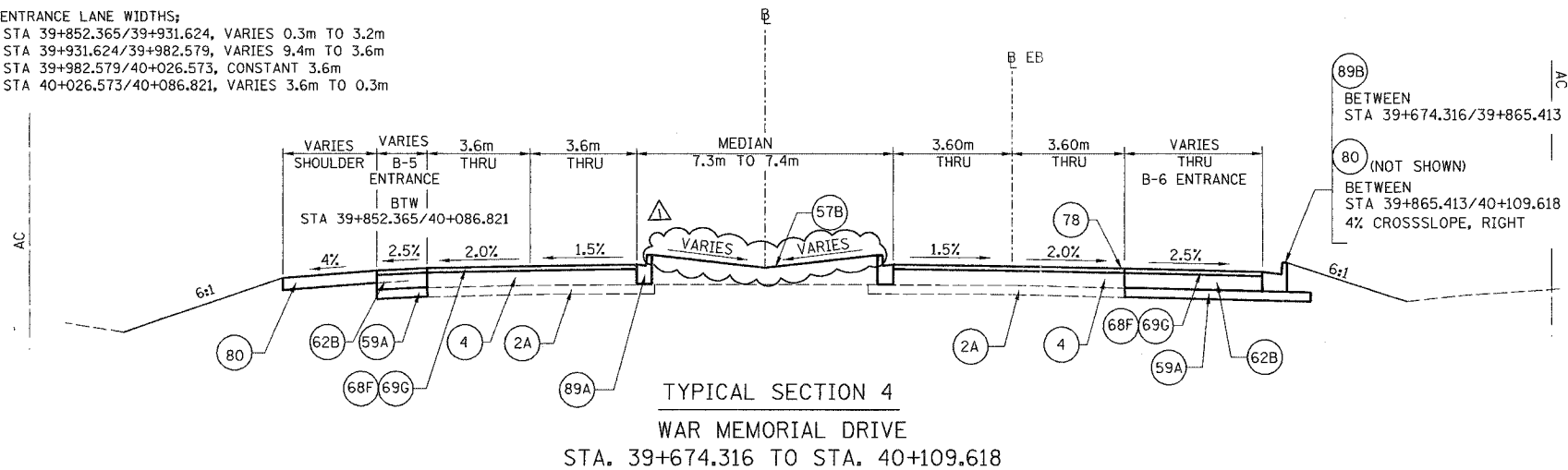
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 9 7 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
 WAR MEMORIAL DRIVE
 STA. 38+965.067 - STA. 39+674.316
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

B-5 ENTRANCE LANE WIDTHS;
 BTW STA 39+852.365/39+931.624, VARIES 0.3m TO 3.2m
 BTW STA 39+931.624/39+982.579, VARIES 9.4m TO 3.6m
 BTW STA 39+982.579/40+026.573, CONSTANT 3.6m
 BTW STA 40+026.573/40+086.821, VARIES 3.6m TO 0.3m



LEGEND:

- (2A) EX SUB-BASE GRANULAR MATERIAL 150mm
- (4) EX PCC BASE COURSE
- (6A) EX BITUMINOUS RESURFACING 75mm (SEE NOTE 3)
- (13) EX BITUMINOUS SHOULDER
- (23) EX COMBINATION CONCRETE CURB & GUTTER
- (57B) PR SODDING SALT TOLERANT
- (59A) PR SUB-BASE GRANULAR, TYPE A 150mm
- (62B) PR PCC BASE COURSE 240mm
- (68F) PR POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, "MIX E", NTO
- (69G) PR POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, NTO
- (71D) PR PORTLAND CEMENT CONCRETE PAVEMENT 250mm (JOINTED)
- (78) PR STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (80) PR BITUMINOUS SHOULDERS 200mm
- (89A) PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.30
- (89B) PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-15.60
- (90D) PR CONCRETE MEDIAN, TYPE SB-22.30

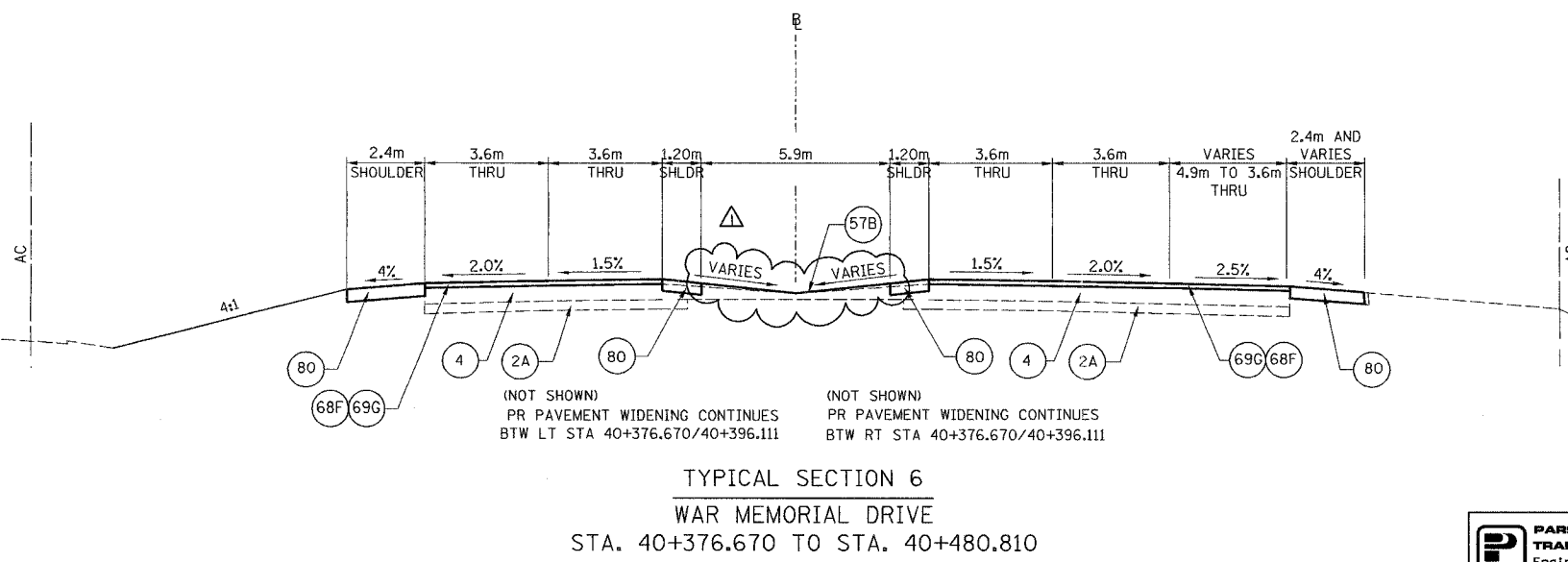
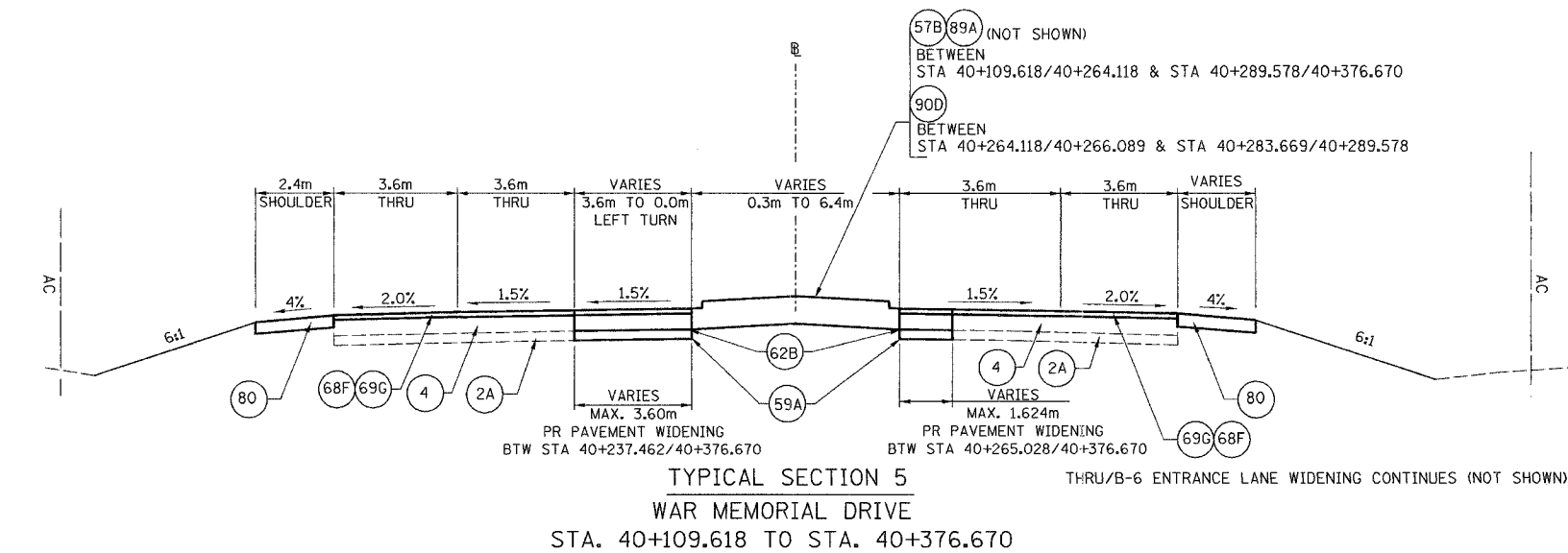
NOTES:

1. ALL EXISTING BITUMINOUS RESURFACING, (LEGEND #6A) IS TO BE REMOVED TO THE TOP OF THE EXISTING PCC BASECOURSE (#4).
2. EXISTING PCC BASE COURSE (LEGEND #4), MAY BE CROWNED, BUT NOT AT THE SAME LOCATION OF THE PROPOSED CROWN. EXISTING CROWN NOT TO BE REMOVED.
3. EXISTING BITUMINOUS RESURFACING (LEGEND #6A) NOT SHOWN. SEE EXISTING TYPICAL SECTIONS.
4. PROPOSED SURFACE COURSE DEPTH EQUALS 38mm. BINDER COURSE DEPTH VARIES BASED ON CROWN RELOCATION.

LT SHOULDER WIDTHS;
 SHOULDER STARTS AT STA 39+714.991
 BTW STA 39+714.991/39+931.624, CONSTANT 2.4m
 BTW STA 39+931.624/39+970.388, RAMP B-5 ENTRANCE
 BTW STA 39+970.388/39+982.579, VARIES 1.8m TO 2.4m
 BTW STA 39+982.579/40+480.810, CONSTANT 2.4m

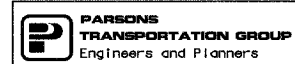
RT SHOULDER WIDTHS;
 SHOULDER STARTS AT STA 39+865.413
 BTW STA 39+865.413/40+109.618, CONSTANT 2.4m
 BTW STA 40+109.618/40+170.882, RAMP B-6 ENTRANCE
 BTW STA 40+170.882/40+255.415, CONSTANT 2.4m
 BTW STA 40+255.415/40+270.160, RAMP B-4 ENTRANCE
 BTW STA 40+270.160/40+319.248, CONSTANT 2.4m
 BTW STA 40+319.248/40+346.000, RAMP B-1 EXIT
 BTW STA 40+346.000/40+358.031, VARIES 1.8m TO 2.4m
 BTW STA 40+358.031/40+480.810, CONSTANT 2.4m

THRU/B-6 ENTRANCE LANE WIDENING WIDTHS;
 BEGINS AT STA 39+551.513
 BTW STA 39+551.513/39+624.676, VARIES 0.3m TO 3.5m
 BTW STA 39+624.676/39+674.316, VARIES 3.5m TO 3.8m
 BTW STA 39+674.316/39+689.274, VARIES 3.8m TO 4.5m
 BTW STA 39+689.274/39+894.262, VARIES 4.5m TO 3.9m
 BTW STA 39+894.262/40+109.618, VARIES 4.5m TO 3.8m
 BTW STA 40+109.618/40+156.668, VARIES 3.8m TO 9.7m
 BTW STA 40+156.668/40+157.998, VARIES 9.7m TO 3.8m
 BTW STA 40+157.998/40+248.811, VARIES 3.8m TO 0.3m



REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 WAR MEMORIAL DRIVE
 STA. 39+674.316 - STA. 40+480.810
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-TR-3)	PEORIA	1360	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EARTHWORK SCHEDULE											
LOCATION	STA	TO	STA	LENGTH M	EARTH EXCAVATION CU M	ROCK EXCAVATION CU M	UNSUITABLE MATERIAL CU M	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE (Earth Exc X .75) CU M	EMBANKMENT (FILL) CU M	EARTHWORK BALANCE WASTE (+) OR FURNISHED EXCAVATION (-) CU M	TOP SOIL, FURNISH AND PLACE 100 MM SQ M
INTERSTATE I-74											
STAGE 3											
I-74 MAINLINE, WB	141+900.000	TO	141+950.000	50.00	356.50			267.38	17.88	249.50	295.00
I-74 MAINLINE, WB	141+950.000	TO	142 + 300.000	350.00	2,614.75			1,961.06	58.88	1,902.19	2,087.50
I-74 MAINLINE, WB	142 + 300.000	TO	142 + 650.000	350.00	8,884.63			6,663.47	94.00	6,569.47	5,690.00
	142 + 300.000	TO	142 + 425.000	125.00							
	142 + 425.000	TO	142 + 610.000	185.00							
	142 + 610.000	TO	142 + 650.000	40.00							
I-74 MAINLINE, WB	142 + 650.000	TO	143 + 000.000	350.00	2,535.88			1,901.91	394.63	1,507.28	1,643.75
I-74 MAINLINE, WB	143 + 000.000	TO	143 + 300.000	300.00	1,525.63			1,144.22	645.63	498.59	956.25
	143 + 000.000	TO	143 + 083.000	83.00							
FOR TEMPORARY RAMP A	143 + 025.000	TO	143 + 100.000	75.00	437.50			326.13	437.50	(109.38)	
	143 + 213.000	TO	143 + 300.000	87.00							
I-74 MAINLINE, WB	143 + 300.000	TO	143 + 650.000	350.00	485.88			364.41	1,620.38	(1,255.97)	570.00
I-74 MAINLINE, WB	143 + 650.000	TO	143 + 950.000	300.00	199.63			149.72	1,970.63	(1,820.91)	0.00
I-74 MAINLINE, WB	143 + 950.000	TO	144 + 250.000	300.00	2,529.50			1,897.13	3,292.13	(1,395.00)	4,978.75
I-74 MAINLINE, WB	144 + 250.000	TO	144 + 325.000	75.00	390.00			292.50	13.88	278.63	303.75
I-74 MAINLINE, EB	144 + 325.000	TO	144 + 600.000	275.00	1,367.00			1,025.25	188.88	836.38	1,045.00
I-74 MAINLINE, EB	144 + 600.000	TO	144 + 718.000	118.00	246.13			184.59	299.37	(114.77)	677.70
STAGE 3 SUBTOTAL:					21,573.00	0.00	0.00	16,179.25	9,033.74	7,146.01	18,247.70
RAMP											
Ramp A-3	10+225.000	TO	10+375.000	150.00	5,625.38			4,219.03	4,751.00	(531.97)	2,815.00
	10+375.000	TO	10+450.000	75.00							
Bridge	10+450.000	TO	10+700.000	250.00	166.00			124.50	31,584.00	(31,459.50)	5,317.50
Ramp A-4	10+225.000	TO	10+375.000	150.00				0.30		0.00	
	10+375.000	TO	10+700.000	325.00				0.30		0.00	
Ramp B-1	10+200.000	TO	10+625.000	425.00	8,044.25			6,033.19	6,464.13	-430.94	8,977.50
	10+625.000	TO	10+875.000	250.00							
	10+875.000	TO	11+125.000	250.00	7,598.38			5,698.78	333.50	5,365.28	2,751.25
Ramp B-2	10+450.000	TO	10+600.000	150.00	1,915.25			1,436.44	2,997.13	(1,560.69)	2,908.75
	10+600.000	TO	10+754.300	154.30	907.79			680.84	1,774.21	(1,093.36)	3,744.68
Ramp B-3	10+000.000	TO	10+175.000	175.00							
	10+175.000	TO	10+375.000	200.00	9,179.00			6,884.25	1,180.75	5,703.50	1,040.00
	10+375.000	TO	10+575.000	200.00	8,828.50			6,621.38	127.25	6,494.13	1,841.25
	10+575.000	TO	10+700.000	125.00							
	10+700.000	TO	11+000.000	300.00	2,118.25			1,588.69	11,624.13	(10,035.44)	4,976.25
	11+000.000	TO	11+156.000	156.00	7,711.32			5,783.49	9,232.57	(3,449.08)	7,689.10
I/C Grading A-3/B-5/B-3					1,492.50					0.00	1,250.00
I/C Grading WMD/B-5/B-3					9,858.00					850.00	2,100.00
Ramp B-4	10+013.000	TO	10+250.000	237.00	9,856.07			7,392.05	977.78	6,414.27	1,440.95
	10+250.000	TO	10+475.000	225.00							
	10+475.000	TO	11+044.000	569.00	5,453.69			4,090.27	3,332.67	757.60	6,659.55
I/C Grading WMD/B-4/B-6					3,600.00					0.00	1,800.00
Ramp B-5	10+062.950	TO	10+425.000	362.05	1,435.50			1,077.37	8,919.54	(7,842.16)	7,088.22
	10+425.000	TO	10+550.000	125.00							
	10+550.000	TO	11+050.000	500.00	5,792.25			4,344.19	2,174.00	2,170.19	3,192.50
Ramp B-6	10+020.730	TO	10+075.000	54.27	1,322.30			991.72	8.97	982.76	186.45
	10+075.000	TO	10+203.450	128.45	6,510.88			4,883.45	1.00	4,882.16	661.40
					97,416.29			61,849.34	86,332.60	(23,633.26)	66,440.35
RAMP SUBTOTAL:					97,416.29	0.00	0.00	61,849.34	86,332.60	(23,633.26)	66,440.35
WAR MEM DRIVE	38+965.070	TO	39+150.000	184.93							
	39+150.000	TO	39+500.000	350.00	891.88			282.61	98.87	113.93	134.81
	39+500.000	TO	39+850.000	350.00	735.75			551.81	1,971.13	(1,419.31)	3,600.00
	39+850.000	TO	40+175.000	325.00	2,862.38			2,146.78	3,845.25	(1,698.47)	3,662.50
	40+175.000	TO	40+480.82	305.82	458.03			343.52	1,155.98	(812.46)	1,962.00
MEDIAN Sod Area											6,240.78
Mail Access Area											3,148.20
WAR MEM DR SUBTOTAL:					5,298.17	0.00	0.00	4,973.63	7,798.78	(3,825.16)	21,785.85
STAGE 3 SUBTOTAL:					123,849.96	0.00	0.00	81,674.60	102,727.62	(20,203.03)	106,473.89
I-74 WB MAINLINE SUBTOTAL:					21,573.00	0.00	0.00	16,179.25	9,033.74	7,146.01	18,247.70
RAMP SUBTOTAL:					97,416.29	0.00	0.00	61,849.34	86,332.60	(23,633.26)	66,440.35
WAR MEMORIAL DR SUBTOTAL:					5,298.17	0.00	0.00	4,973.63	7,798.78	(3,825.16)	21,785.85
TOTAL					123,850	0	0	81,675	102,728	(20,203)	106,474
Total for 1000-2A					5,298					-3,825	21,786
Total for J000-2A					118,989					-16,487	84,688

SUMMARY OF EARTHWORK				EARTH EXCAVATION	TOP SOIL, FURNISH AND PLACE 100 MM
I-74 WB	141+900.000	TO	144+718.000	21,573.00	18,247.70
RAMP A-3	10+225.000	TO	10+700.000	5,791.38	8,132.50
RAMP A-4					
RAMP B-1	10+200.000	TO	11+125.000	15,842.63	11,728.75
RAMP B-2	10+450.000	TO	10+754.300	2,823.04	6,653.43
RAMP B-3	10+013.000	TO	11+055.000	39,187.57	18,896.60
RAMP B-4	10+013.000	TO	11+044.000	18,909.76	9,900.50
RAMP B-5	10+062.950	TO	11+050.000	7,228.75	10,280.72
RAMP B-6	10+048.000	TO	10+203.000	7,833.18	847.85
WMDr	38+965.131	TO	40+480.800	5,298.17	18,637.65
WMDr Median Included Above					0.00
MALL ACC	9+986.557	TO	9+986.557		3,148.20
TOTAL				124,267.1	106,474
FURNISHED EXCAVATION					
Phase 3A					20,203.03
SUBTOTAL					20,203.03
TOTAL					20,203

EARTH EXCAVATION
FURNISHED EXCAVATION
TOP SOIL FURNISHED AND PLACE 100 MM

1000-2A
5,298
3,825
2,786

J000-2A
118,989
16,487
84,688

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
EARTHWORK SCHEDULE
FAI ROUTE 74 (I-74) (WB)



PARSONS
TRANSPORTATION GROUP
Engineers and Planners


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	102
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

										TEMPORARY SIGN						
										REINSTALL TEMPORARY SIGN PANEL ASSEMBLY	COMPOSITE TEMPORARY SIGN OVERLAY	SIGN PANEL OVERLAY, SPECIAL	TEMPORARY SIGN PANEL OVERLAY	TEMPORARY SIGN PANEL ASSEMBLY	REMOVE SIGN PANEL ASSEMBLY TYPE B	REMOVE SIGN PANEL ASSEMBLY TYPE A
LOCATIONS	STA	TO	STA	OFFSET	RT/LT	TYPE	NO OF SIGN	SIZE SQ M	RTSPA EA	CTSO SQ M	SPO(S) SQ M	TSPQ SQ M	TSPA SQ M	RSPA EACH	RSPA EACH	
STAGE 3-1, 3-2, 3-3																
FAI ROUTE 74 WEST BOUND																
WB	140+905				RT	SPO						2.18				
	140+960				RT	RSPA								1.00		
	141+260				RT	CTSO										
	141+315				LT	RTSPA										
	141+415				RT	CTSO	1			0.11						
					RT	SPO				0.85						
	141+840				RT	TSPA					0.18					
	141+975				LT	RSPA							3.80			
	142+000				LT	RSPA								1.00		
	142+050				RT	TSPA								1.00		
	142+075				RT	RTSPA							1.80			
RAMP A-1	10+000				RT	SPO						0.18				
	10+350				RT	SPO						0.18				
	10+375				RT	CTSO				0.85						
WB	142+885				LT	RSPA									1	
					LT	TSPA							0.72			
	143+065				LT	RSPA								1.00		
	143+165				RT	RTSPA	1							1.00		
	143+140				LT	RSPA										
	143+255				LT	RTSPA	1									
					LT	TSPA							0.72			
RAMP A-2	10+310				RT	CTSO				0.25						
	10+445				RT	SPO					1.84					
	10+500				RT	TSPA							3.80			
WB	143+570				RT	CTSO				0.85						
	143+610				LT	TSPA							0.72			
					LT	SPO						0.42				
					LT	RSPA								1.00		
					LT	RSPA								1.00		
					LT	RTSPA	1									
	143+810				RT	RTSPA	1									
	144+050				LT	RSPA								1.00		
	144+120				RT	RSPA								1.00		
	144+130				RT	RSPA								1.00		
	144+400				LT	TSPA							0.72			
					LT	RSPA								1.00		
					RT	RTSPA	1									
	144+575				RT	TSPA							3.80			
	144+620				RT	RSPA								1.00		
Sterling Avenue	99+970				LT	RSPA								1.00		
	100+020				RT	TSPA							0.36			
	100+690				RT	RSPA								1.00		
SUBTOTAL										8	2.91	4.98	0.00	16.44	14.00	1.00

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM #1	MAY 27 2005	TEMPORARY SIGN SCHEDULE
		FAI ROUTE 74 (I-74) (WB)


PARSONS TRANSPORTATION GROUP
 Engineers and Planners

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	104
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

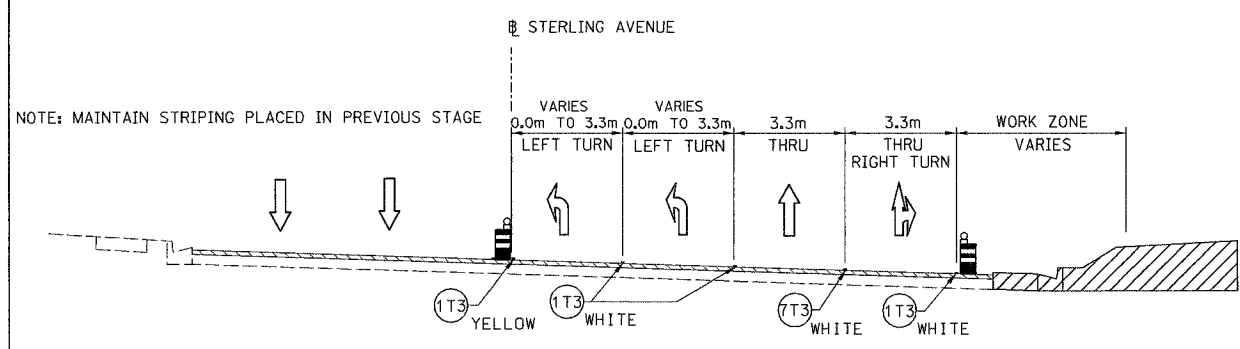
TEMPORARY SIGN															
LOCATIONS		STA	TO STA	OFFSET	RT/LT	TYPE	NO OF SIGN	SIZE SQ. M	REINSTALL TEMPORARY SIGN PANEL ASSEMBLY	COMPOSITE TEMPORARY SIGN OVERLAY	SIGN PANEL OVERLAY, SPECIAL	TEMPORARY SIGN PANEL OVERLAY	TEMPORARY SIGN PANEL ASSEMBLY	REMOVE SIGN PANEL ASSEMBLY TYPE B	REMOVE SIGN PANEL ASSEMBLY TYPE A
									RTSPA EA	CTSO SQ. M	SPO(S) SQ. M	TSP0 SQ. M	TSPA SQ. M	RSPA EACH	RSPA EACH
STAGE 3-1, 3-2, 3-3															
STAGE 3-4, SUBSTAGES 1 & 2															
FAI ROUTE 74 WEST BOUND															
WB		140+760			LT	RSPA								1.00	
		142+075			RT	RSPA								1.00	
		144+590			RT	RSPA								1.00	
Ramp A-4		99+760			RT	RSPA								1.00	
Sterling Avenue		99+810			RT	RSPA								1.00	
		99+975			RT	CTSO			1.00					1.00	REMOVAL ONLY
		99+975			RT	RSPA								1.00	REMOVAL ONLY
		99+980			LT	CTSO			0.60					1.00	REMOVAL ONLY
		100+030			RT	RSPA								1.00	
		100+090			LT	RSPA								1.00	
		100+160			LT	CTSO			3.50					1.00	REMOVAL ONLY
		100+290			LT	RSPA								3.00	
		100+315			RT	RSPA								3.00	
		SUBTOTAL 1000-2A												13.00	0.00
STAGE 3-4, SUBSTAGES 1 & 2															
WAR MEMORIAL DRIVE															
War Memorial		38+870			RT	RSPA								3.00	
		38+990			RT	RSPA								3.00	
		39+075			RT	RSPA			1					3.00	
		39+305			LT	TSPA							0.18	0.18	
		39+775			RT	RSPA								1.00	
		39+920			LT	TSPA							0.18	0.18	
		40+150			LT	SPO					3.62			1.00	
		40+350			LT	CTSO			0.18					1.00	
		40+470			LT	RSPA								1.00	
		40+620			LT	SPO								1.00	
		100+665			LT	CTSO			0.18					1.00	
Sterling Avenue		100+690			LT	RSPA								3.00	
		100+845			RT	RSPA								3.00	
		SUBTOTAL 1000-2A							1	0.36	3.62		0.54	18.00	
		TOTAL (I-74) 1000-2A							11	8.01	4.98	0.00	17.84	27.00	1.00
		TOTAL (WAR MEM DR) 1000-2A							9	7.33	13.84	13.32	8.94	28.00	0.00
		TOTALS							20	15.34	18.82	13.32	26.78	55	1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM #1	MAY 27 2005	TEMPORARY SIGN SCHEDULE
		FAI ROUTE 74 (I-74) (WB)
		DATE 11/12/04
		DRAWN BY CADD
		CHECKED BY RSC

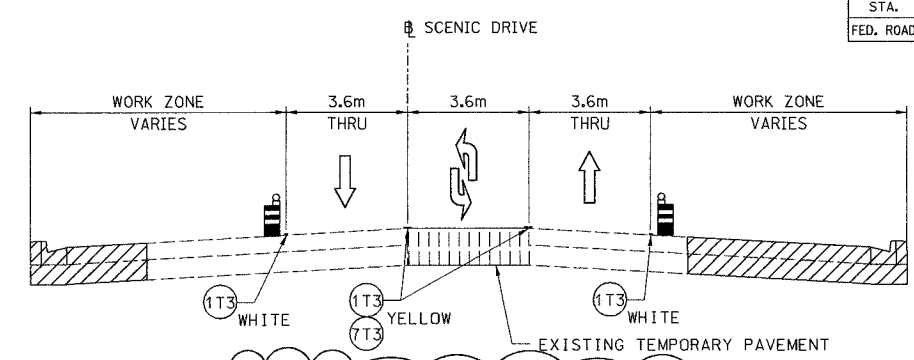


PARSONS
TRANSPORTATION GROUP
Engineers and Planners

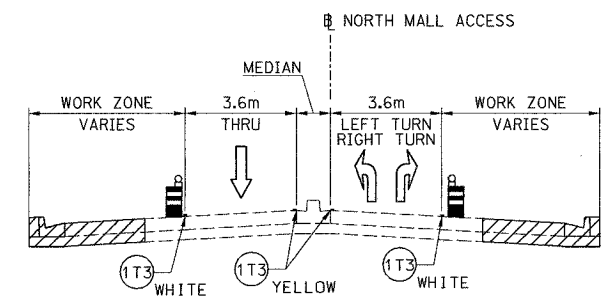
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	151
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



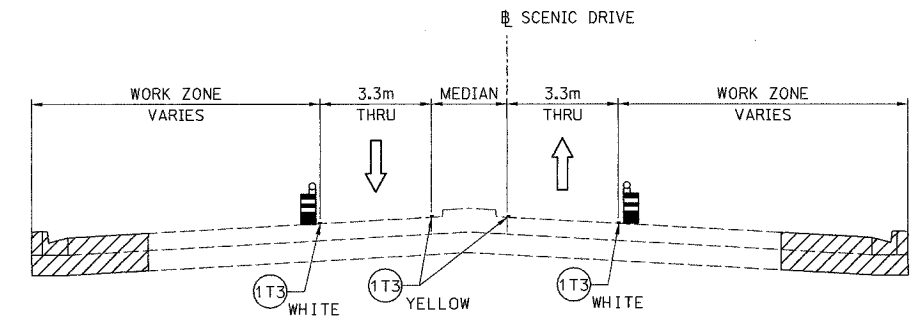
TYPICAL SECTION 4; STERLING AVENUE
STA. 100+910 TO STA. 101+010



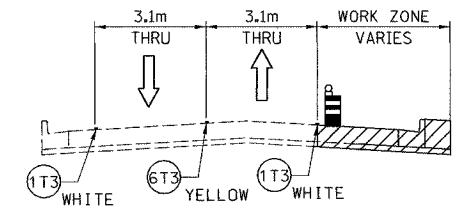
TYPICAL SECTION 5; SCENIC DRIVE
STA. 10+050 TO STA. 10+225
(SOUTH OF WAR MEMORIAL DRIVE)



TYPICAL SECTION 7; NORTH MALL ACCESS
STA. 9+926 TO STA. 9+993



TYPICAL SECTION 6; SCENIC DRIVE
STA. 10+247 TO STA. 10+291
(NORTH OF WAR MEMORIAL DRIVE)



TYPICAL SECTION 8; BRANDYWINE DRIVE

LEGEND

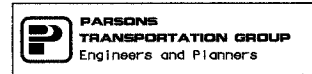
- TEMPORARY PAVEMENT
- CONSTRUCTION THIS STAGE
- CONSTRUCTION IN PROCEEDING STAGES
- DIRECTION OF TRAFFIC
- PLASTIC DRUM LIGHTED WITH STEADY BURNING MONODIRECTIONAL LIGHT AT 15.0m O.C. (TYP)
- TEMPORARY CONCRETE BARRIER

TEMPORARY PAVEMENT MARKING TAPE, TYPE III

- 100 mm SOLID
- 100 mm SOLID, WET
- 100 mm DOUBLE SOLID
- 100 mm SKIP DASH

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
MOT TYPICAL SECTIONS
WAR MEMORIAL DRIVE
STAGE 3-2
DRAWN BY CADD
CHECKED BY RSC
DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	172
STA. 39+150.000		TO STA. 39+500.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

- CONSTRUCTED THIS STAGE
- TEMPORARY PAVEMENT
- CONSTRUCTED IN PRECEDING STAGES
- DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- TYPE III BARRICADE WITH FLASHING LIGHTS (ROAD CLOSED)
- SIGN
- LANE(S) CLOSED
- ARROW BOARD
- PLASTIC DRUM

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:

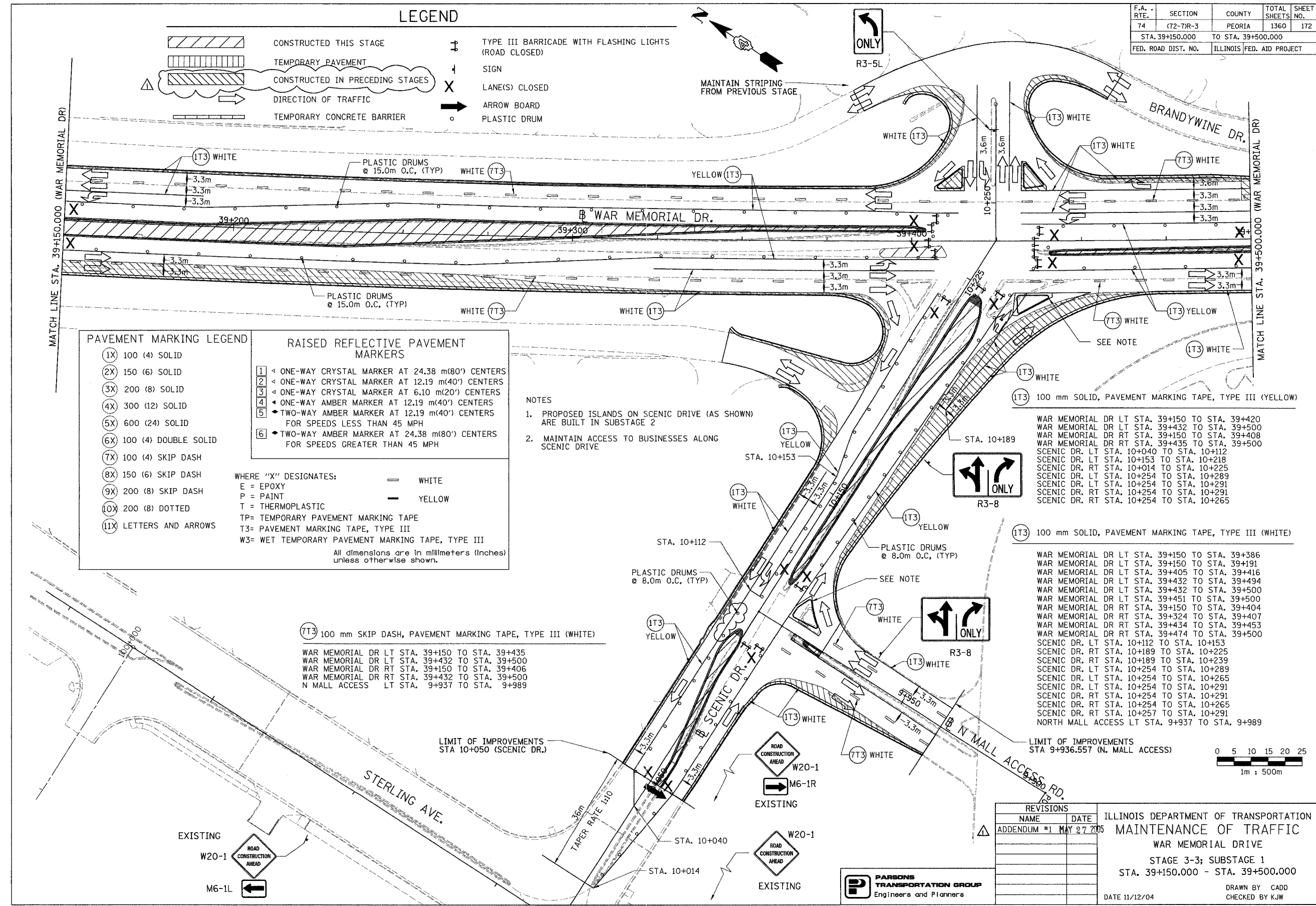
E = EPOXY	— WHITE
P = PAINT	— YELLOW
T = THERMOPLASTIC	

TP= TEMPORARY PAVEMENT MARKING TAPE
T3= PAVEMENT MARKING TAPE, TYPE III
W3= WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III

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

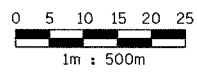
NOTES

- PROPOSED ISLANDS ON SCENIC DRIVE (AS SHOWN) ARE BUILT IN SUBSTAGE 2
- MAINTAIN ACCESS TO BUSINESSES ALONG SCENIC DRIVE



WAR MEMORIAL DR LT STA. 39+150 TO STA. 39+420
WAR MEMORIAL DR LT STA. 39+432 TO STA. 39+500
WAR MEMORIAL DR RT STA. 39+150 TO STA. 39+408
WAR MEMORIAL DR RT STA. 39+435 TO STA. 39+500
SCENIC DR. LT STA. 10+040 TO STA. 10+112
SCENIC DR. LT STA. 10+153 TO STA. 10+218
SCENIC DR. RT STA. 10+014 TO STA. 10+225
SCENIC DR. LT STA. 10+254 TO STA. 10+289
SCENIC DR. LT STA. 10+254 TO STA. 10+291
SCENIC DR. RT STA. 10+254 TO STA. 10+291

WAR MEMORIAL DR LT STA. 39+150 TO STA. 39+386
WAR MEMORIAL DR LT STA. 39+150 TO STA. 39+416
WAR MEMORIAL DR LT STA. 39+405 TO STA. 39+416
WAR MEMORIAL DR LT STA. 39+432 TO STA. 39+494
WAR MEMORIAL DR LT STA. 39+432 TO STA. 39+500
WAR MEMORIAL DR LT STA. 39+451 TO STA. 39+500
WAR MEMORIAL DR RT STA. 39+150 TO STA. 39+404
WAR MEMORIAL DR RT STA. 39+324 TO STA. 39+407
WAR MEMORIAL DR RT STA. 39+434 TO STA. 39+453
WAR MEMORIAL DR RT STA. 39+474 TO STA. 39+500
SCENIC DR. LT STA. 10+112 TO STA. 10+153
SCENIC DR. RT STA. 10+189 TO STA. 10+225
SCENIC DR. RT STA. 10+189 TO STA. 10+239
SCENIC DR. LT STA. 10+254 TO STA. 10+289
SCENIC DR. LT STA. 10+254 TO STA. 10+265
SCENIC DR. LT STA. 10+254 TO STA. 10+291
SCENIC DR. RT STA. 10+254 TO STA. 10+265
SCENIC DR. RT STA. 10+254 TO STA. 10+291
NORTH MALL ACCESS LT STA. 9+937 TO STA. 9+989



REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
WAR MEMORIAL DRIVE
STAGE 3-3; SUBSTAGE 1
STA. 39+150.000 - STA. 39+500.000

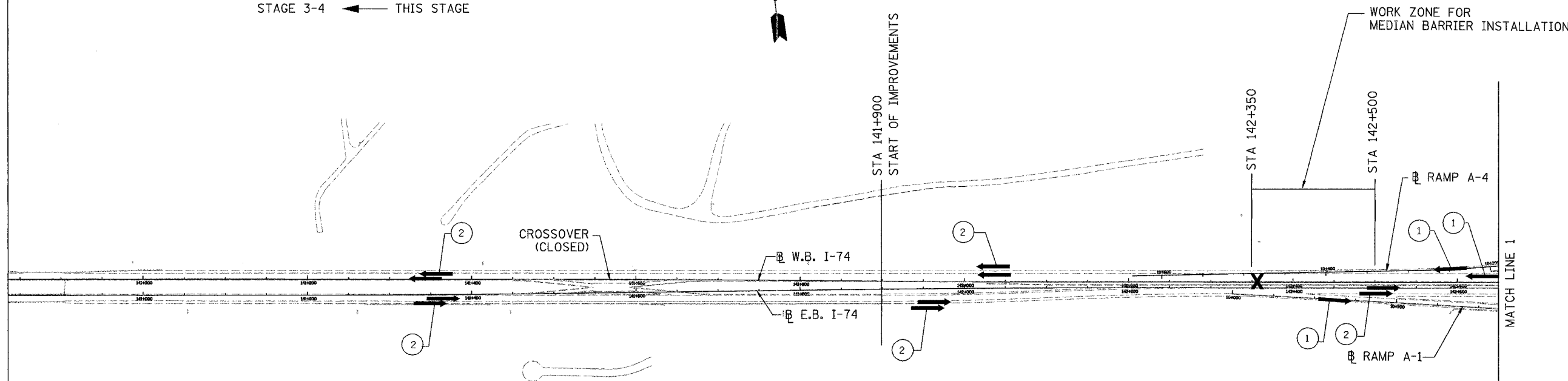
PARSONS TRANSPORTATION GROUP
Engineers and Planners

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-74R-3)	PEORIA	1360	177
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

MAINTENANCE OF TRAFFIC STAGES

- STAGE 3-1
- STAGE 3-2
- STAGE 3-3
- STAGE 3-4 ← THIS STAGE



STAGE 3 - I-74 MAINLINE:
STAGE 3-4 WESTBOUND LANES-RECONSTRUCTION

CONSTRUCTION:

Construct/perform the following during this Stage

1. Proposed Westbound Roadway and Shoulder pavements near Sta 143+150 (the A-3 Gap)
2. Proposed Median Barrier between Sta 142+350 WB to Sta 142+500 WB and between Sta 143+101 WB to Sta 143+235 WB (adjacent to the A-3 Gap).
3. Remove remaining temporary pavement (along inside EB pavement between crossover & Sta. 141+900, along the outside shoulder of the EB pavement-between Ramps B-1 & B-4, the temporary crash investigation site and other locations as determined by the Engineer).
4. Proposed Slopewall adjacent to south Abutment at Sterling Ave.

MAINTENANCE OF TRAFFIC:

LANES CLOSED:

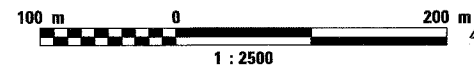
-Ramp B-5 (I-74 WB Entrance Ramp from EB War Memorial Drive).

LANES OPEN:

- All lanes on Eastbound and Westbound, as well as all I-74 Ramps (except B-5 as mentioned above). Intermittent partial lane & shoulder closings are needed to complete the CONSTRUCTION of this Stager 3-4.
- 1. MOT for installing roadway and shoulder pavement shall be in accordance with I74 Project Standard 701404-I74 and as indicated on the Stage 3-4 MOT Plans. Substage as needed to maintain a minimum of one lane for WB traffic (two substages are shown in the Stage 3-4 MOT Plans).
- 2. MOT for median barrier construction to be in accordance with IDOT Standards 701401 & 701406. Lane closures adjacent to this work will not be permitted during non-working hours.
- 3. MOT for Slope wall construction to be in accordance with IDOT Standard 701423 and 701101.
- 4. MOT for temporary pavement and TCIS removal to be in accordance with IDOT Standards 701401 & 701406. Lane closures adjacent to this work will not be permitted during non-working hours.

LEGEND

- TEMPORARY PAVEMENT
- CONSTRUCTION THIS STAGE
- CONSTRUCTED IN PRECEDING STAGES
- NUMBER OF TRAFFIC LANES DURING THIS STAGE
- DIRECTION OF TRAFFIC
- LANE CLOSED



REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
 FAI ROUTE 74 (I-74 WB)
SCHEMATIC
 STAGE 3-4

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	182
STA. 143+000.000		TO STA. 143+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

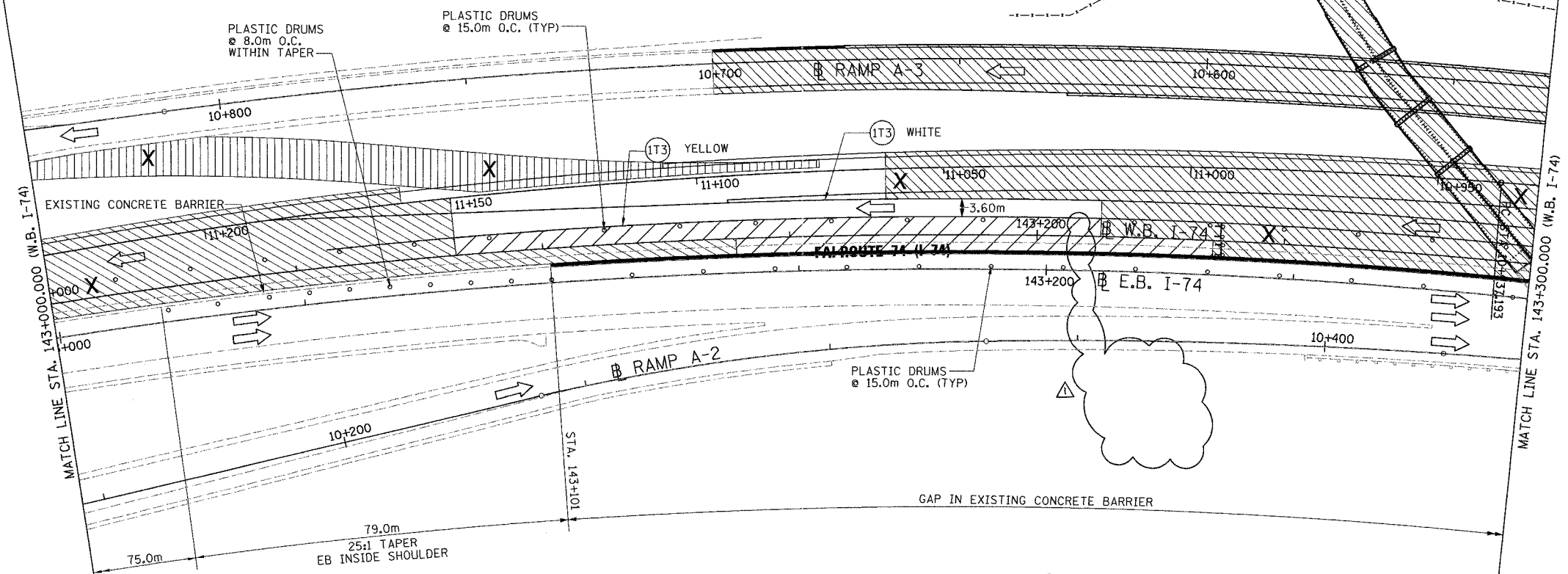
WHERE "X" DESIGNATES:

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

TP= TEMPORARY PAVEMENT MARKING TAPE
T3= PAVEMENT MARKING TAPE, TYPE III
W3= WET TEMPORARY PAVEMENT MARKING TAPE, TYPE III

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

- (1T3) 100 mm SOLID, PAVEMENT MARKING TAPE, TYPE III (WHITE)
WB LT STA. 143+045 TO STA. 143+300
- (1T3) 100 mm SOLID, PAVEMENT MARKING TAPE, TYPE III (YELLOW)
WB LT STA. 143+055 TO STA. 143+300

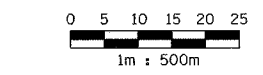


NOTES:

1. ONLY TEMPORARY PAVEMENT MARKINGS FOR THIS STAGE ARE SHOWN. SEE PAVEMENT MARKING PLANS FOR PROPOSED PERMANENT PAVEMENT MARKINGS

LEGEND

	CONSTRUCTED THIS STAGE		TYPE III BARRICADE WITH FLASHING LIGHTS (ROAD CLOSED)
	TEMPORARY PAVEMENT		SIGN
	DIRECTION OF TRAFFIC		LANE(S) CLOSED
	TEMPORARY CONCRETE BARRIER WITH GLARE SCREEN		
	PLASTIC DRUM		



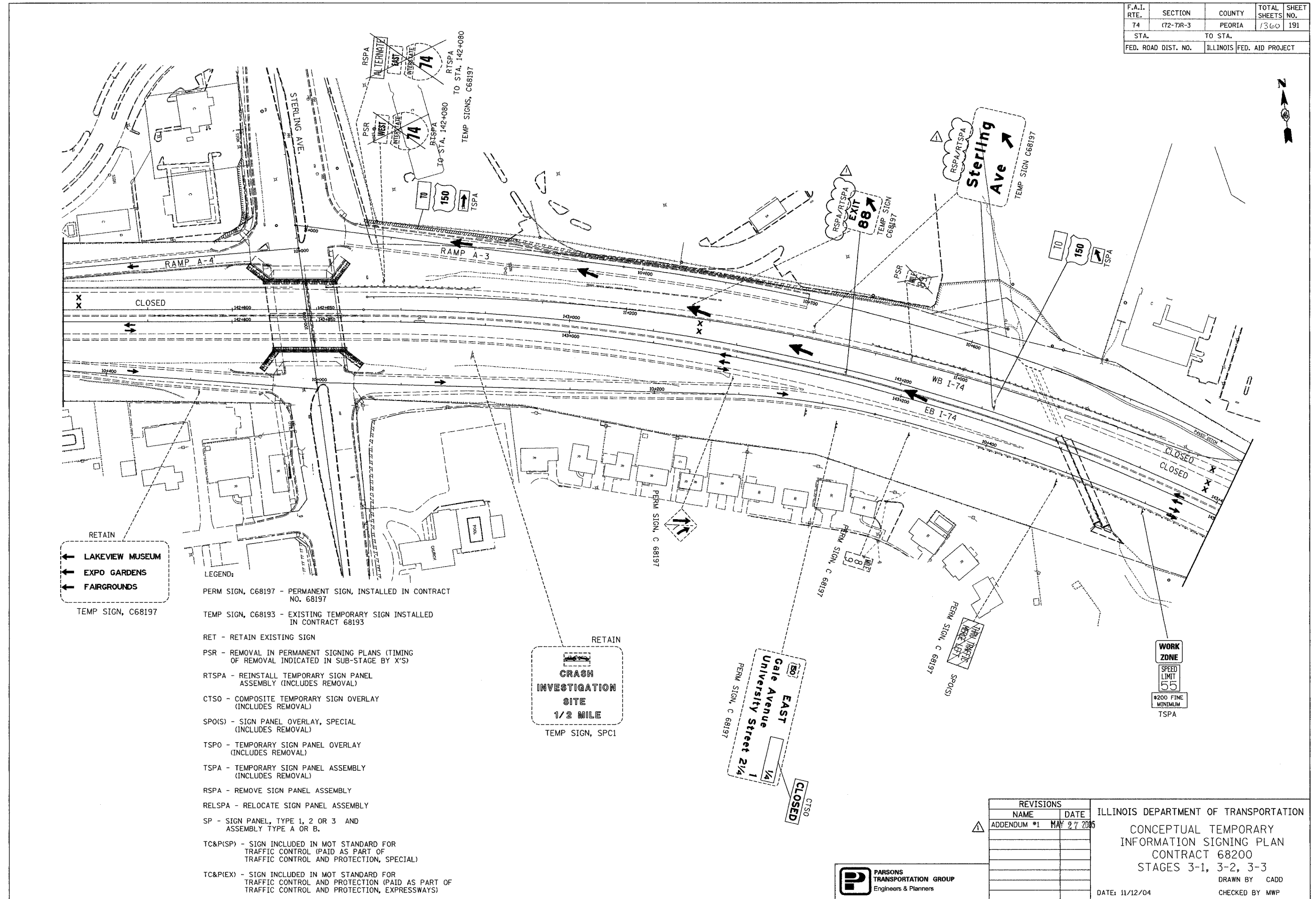
PARSONS TRANSPORTATION GROUP
Engineers and Planners

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
FAI ROUTE 74 (I-74 WB)
STAGE 3-4; SUBSTAGE 1
STA. 143+000.000 - STA. 143+300.000

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	191
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



RETAIN
 ← LAKEVIEW MUSEUM
 ← EXPO GARDENS
 ← FAIRGROUNDS
 TEMP SIGN, C68197

- LEGEND:
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68197
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68193
 - RET - RETAIN EXISTING SIGN
 - PSR - REMOVAL IN PERMANENT SIGNING PLANS (TIMING OF REMOVAL INDICATED IN SUB-STAGE BY 'X'S')
 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
 - RELSPA - RELOCATE SIGN PANEL ASSEMBLY
 - SP - SIGN PANEL, TYPE 1, 2 OR 3 AND ASSEMBLY TYPE A OR B.
 - TC&P(SP) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, SPECIAL)
 - TC&P(EX) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)

RETAIN
 CRASH INVESTIGATION SITE
 1/2 MILE
 TEMP SIGN, SPC1

PERM SIGN, C 68197
 EAST
 Gale Avenue
 University Street 2/4
 1/4
 1
 CLOSED
 CTSO

WORK ZONE
 SPEED LIMIT 55
 #200 FINE MINIMUM
 TSPA

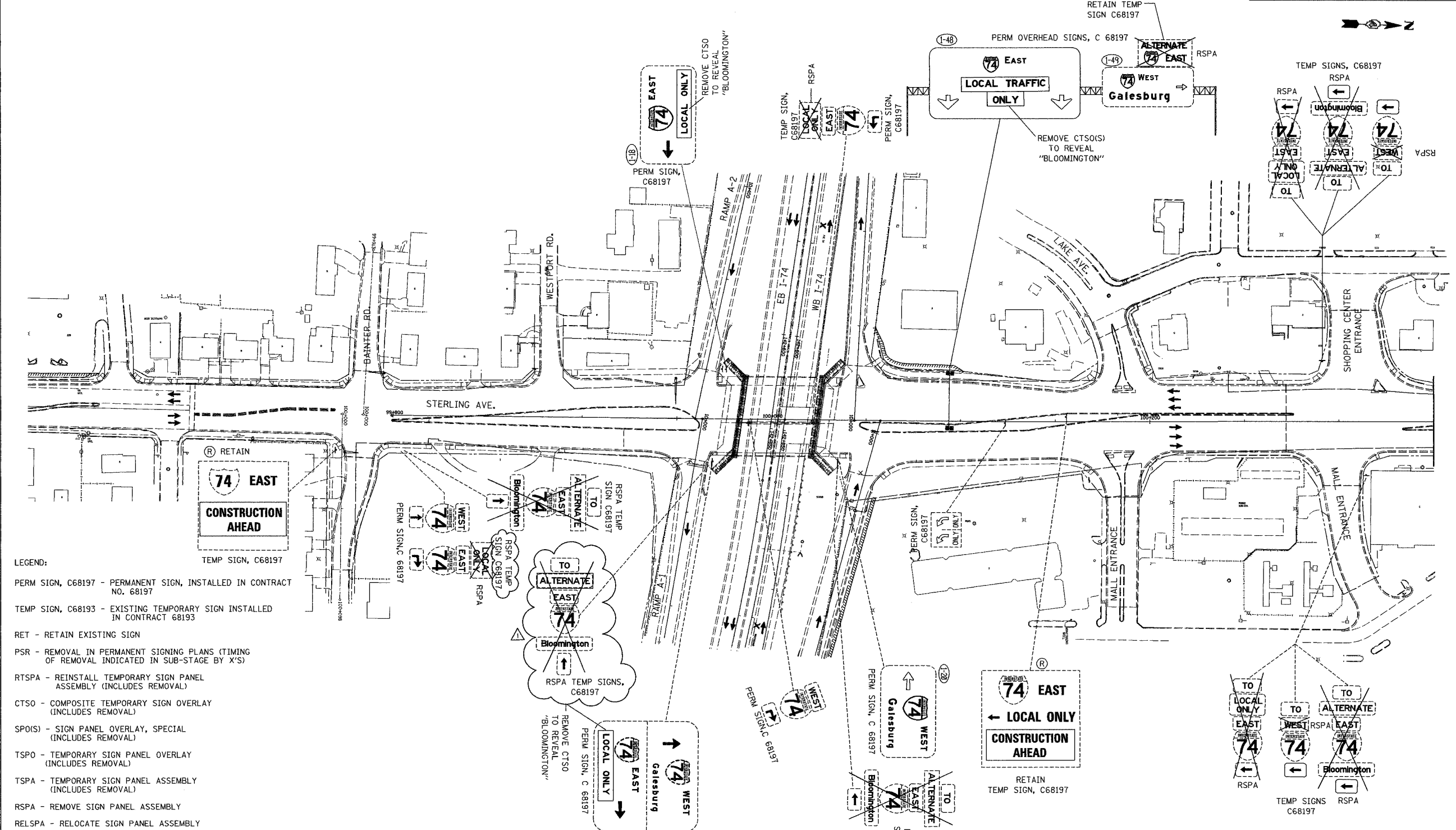
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY INFORMATION SIGNING PLAN
 CONTRACT 68200
 STAGES 3-1, 3-2, 3-3
 DRAWN BY CADD
 CHECKED BY MWP
 DATE: 11/12/04



*****FILE*****

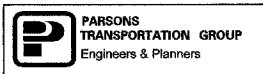
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
74	(72-74R-3)	PEORIA	1360	219
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- LEGEND:
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68197
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68193
 - RET - RETAIN EXISTING SIGN
 - PSR - REMOVAL IN PERMANENT SIGNING PLANS (TIMING OF REMOVAL INDICATED IN SUB-STAGE BY X'S)
 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
 - RELSPA - RELOCATE SIGN PANEL ASSEMBLY
 - SP - SIGN PANEL, TYPE 1, 2 OR 3 AND ASSEMBLY TYPE A OR B.
 - TC&(P)SP - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, SPECIAL)
 - TC&(P)EX - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)
 - (R) REMOVE TEMPORARY SIGN PANEL ASSEMBLY AT END OF SUBSTAGE 2.

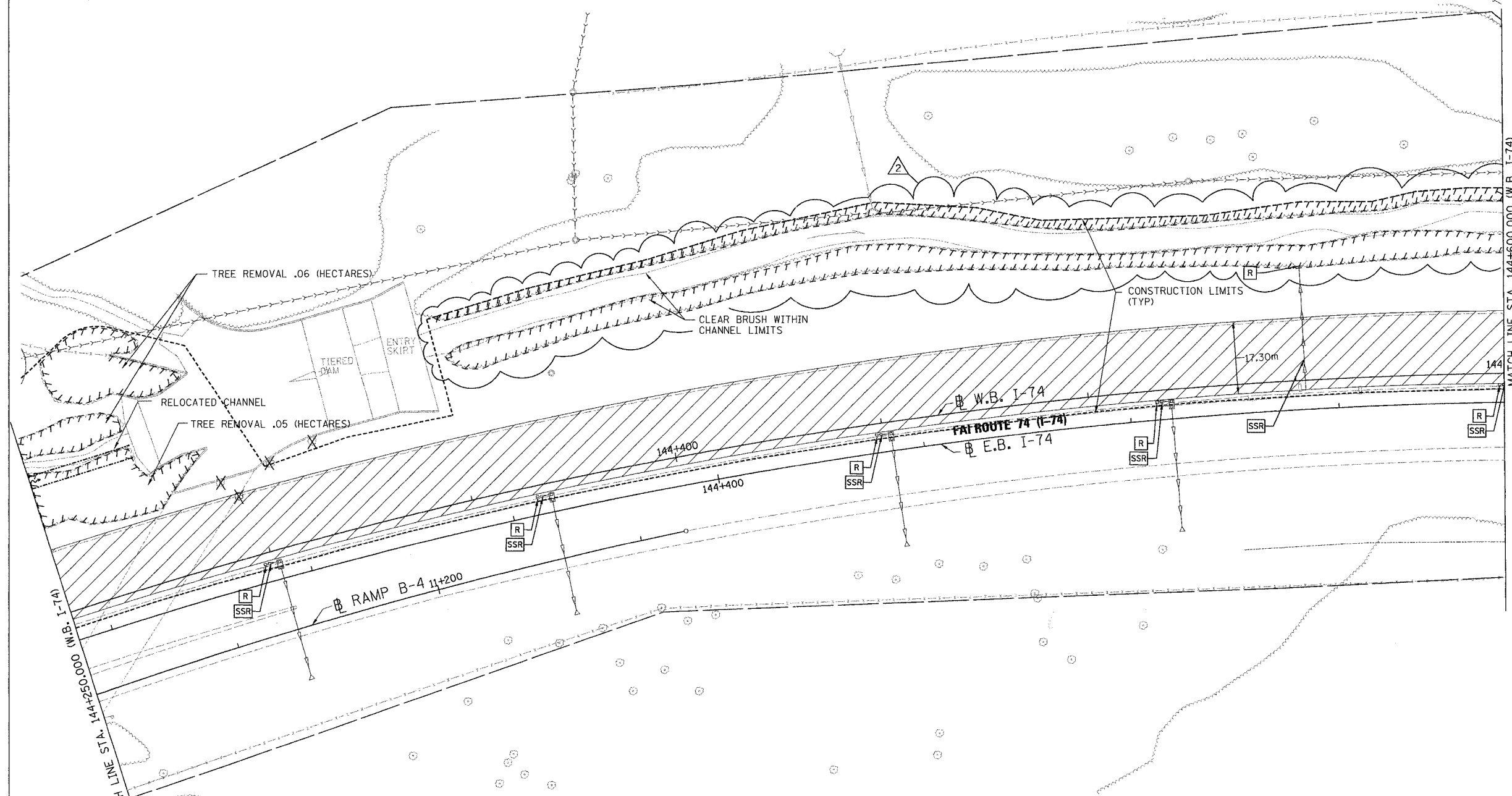
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68200
 STAGE 3-4; SUBSTAGE 2
 DRAWN BY CADD
 CHECKED BY MWP
 DATE: 11/12/04



*****FILE*****

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	244
STA. 144+250.000		TO STA. 144+600.000		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



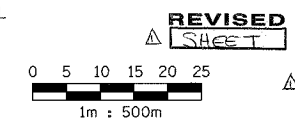
MATCH LINE STA. 144+000 (W.B. I-74)

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

REMOVAL LEGEND AND KEY

	PAVEMENT REMOVAL		COMB. CURB AND GUTTER REMOVAL		LIGHT FIXTURE AND FOUNDATION REMOVAL
	SHOULDER REMOVAL		STRUCTURE REMOVAL		FENCE REMOVAL
	BITUMINOUS REMOVAL		STORM SEWER REMOVAL		GUARDRAIL REMOVAL
	MEDIAN REMOVAL		STRUCTURE TO BE ADJUSTED		PAVED DITCH REMOVAL
	SIDEWALK REMOVAL		ITEM TO BE RELOCATED		FULL DEPTH SAWCUT
	PAVEMENT REMOVAL AND REPLACEMENT		VALVE BOX TO BE ADJUSTED		
			ADJUST FRAME AND GRATE		
			STRUCTURE TO BE CLEANED		
			TREE REMOVAL		
			TREE REMOVAL - HECTARES		

NOTES:
 1. EXISTING UNDERDRAINS SHALL BE REMOVED AND INCLUDED IN THE COST OF PAVEMENT REMOVAL.

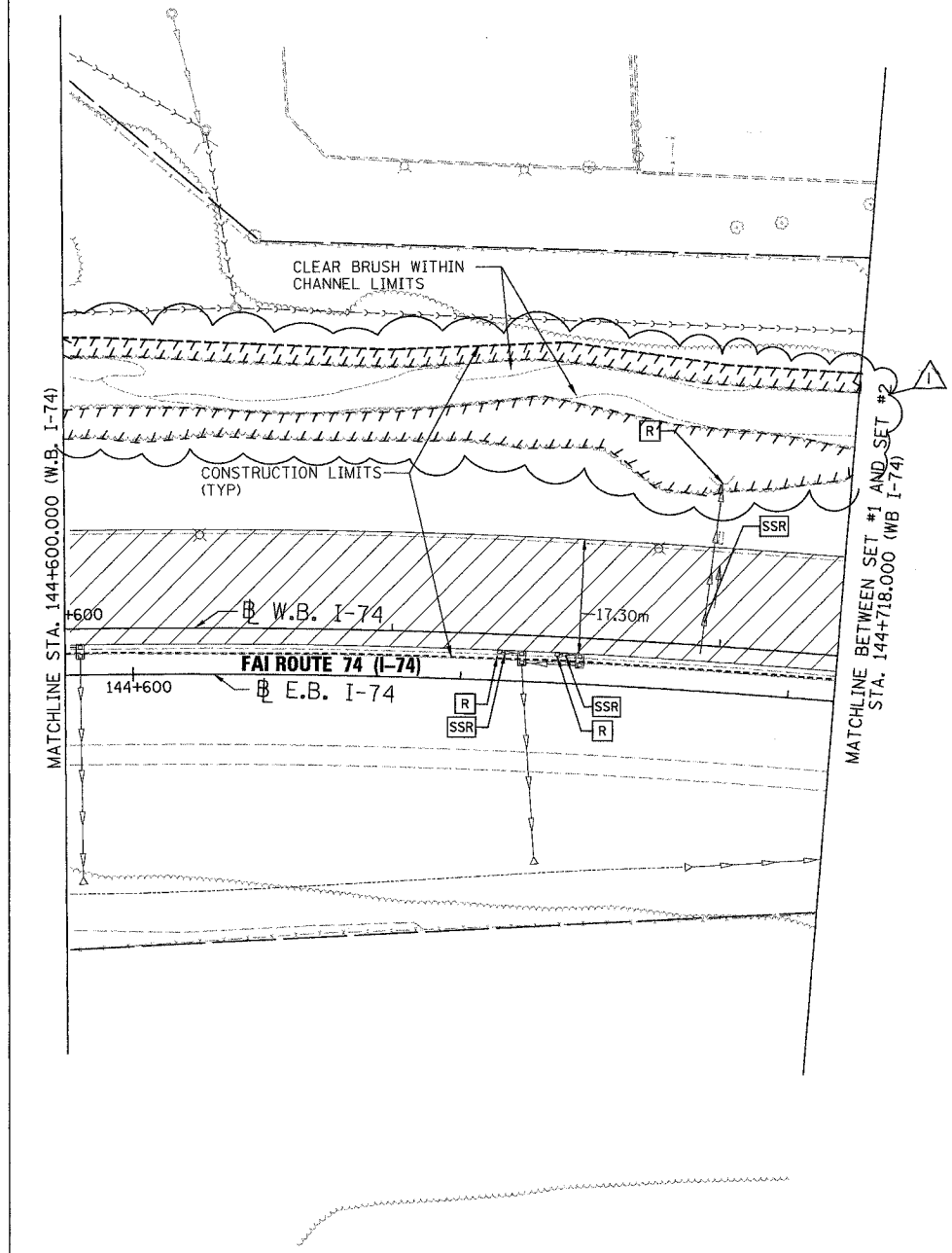


REVISIONS	
NAME	DATE
ADDEMDUM #1	MAY 27 2005



ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING ROADWAY 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

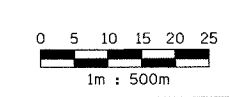
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	246
STA. 144+600.000		TO STA. 144+718.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REMOVAL LEGEND AND KEY

	PAVEMENT REMOVAL		COMB. CURB AND GUTTER REMOVAL	①	LIGHT FIXTURE AND FOUNDATION REMOVAL
	SHOULDER REMOVAL		STRUCTURE REMOVAL	②	FENCE REMOVAL
	BITUMINOUS REMOVAL		STORM SEWER REMOVAL	③	GUARDRAIL REMOVAL
	MEDIAN REMOVAL		STRUCTURE TO BE ADJUSTED	④	PAVED DITCH REMOVAL
	SIDEWALK REMOVAL		ITEM TO BE RELOCATED	⑤	FULL DEPTH SAWCUT
	PAVEMENT REMOVAL AND REPLACEMENT		VALVE BOX TO BE ADJUSTED		
			ADJUST FRAME AND GRATE		
			STRUCTURE TO BE CLEANED		
			TREE REMOVAL		
			TREE REMOVAL - HECTARES		

NOTES:
 1. EXISTING UNDERDRAINS SHALL BE REMOVED AND INCLUDED IN THE COST OF PAVEMENT REMOVAL.

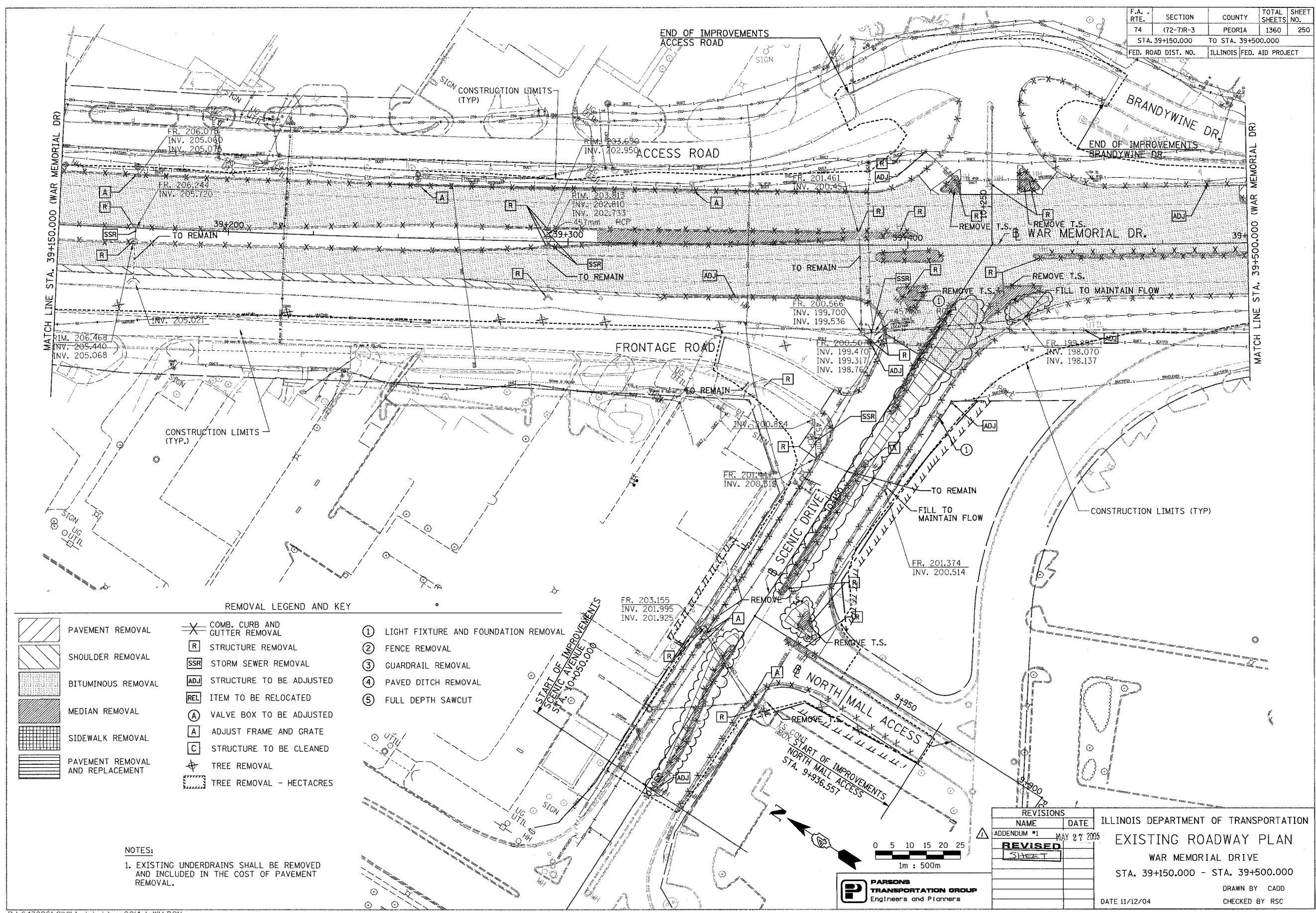


PARSONS
TRANSPORTATION GROUP
 Engineers and Planners

REVISIONS	
NAME	DATE
ADDEMDUM #1	MAY 29 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING ROADWAY 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

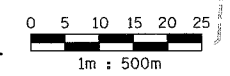
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-TR-3	PEORIA	1360	250
STA. 39+150.000		TO STA. 39+500.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REMOVAL LEGEND AND KEY

	PAVEMENT REMOVAL		COMB. CURB AND GUTTER REMOVAL		LIGHT FIXTURE AND FOUNDATION REMOVAL
	SHOULDER REMOVAL		STRUCTURE REMOVAL		FENCE REMOVAL
	BITUMINOUS REMOVAL		STORM SEWER REMOVAL		GUARDRAIL REMOVAL
	MEDIAN REMOVAL		STRUCTURE TO BE ADJUSTED		PAVED DITCH REMOVAL
	SIDEWALK REMOVAL		ITEM TO BE RELOCATED		FULL DEPTH SAWCUT
	PAVEMENT REMOVAL AND REPLACEMENT		VALVE BOX TO BE ADJUSTED		
			ADJUST FRAME AND GRATE		
			STRUCTURE TO BE CLEANED		
			TREE REMOVAL		
			TREE REMOVAL - HECTARES		

NOTES:
 1. EXISTING UNDERDRAINS SHALL BE REMOVED AND INCLUDED IN THE COST OF PAVEMENT REMOVAL.



PARSONS TRANSPORTATION GROUP
 Engineers and Planners

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005
REVISED	
SHEET	

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING ROADWAY PLAN
 WAR MEMORIAL DRIVE
 STA. 39+150.000 - STA. 39+500.000
 DATE 11/12/04
 DRAWN BY CADD
 CHECKED BY RSC

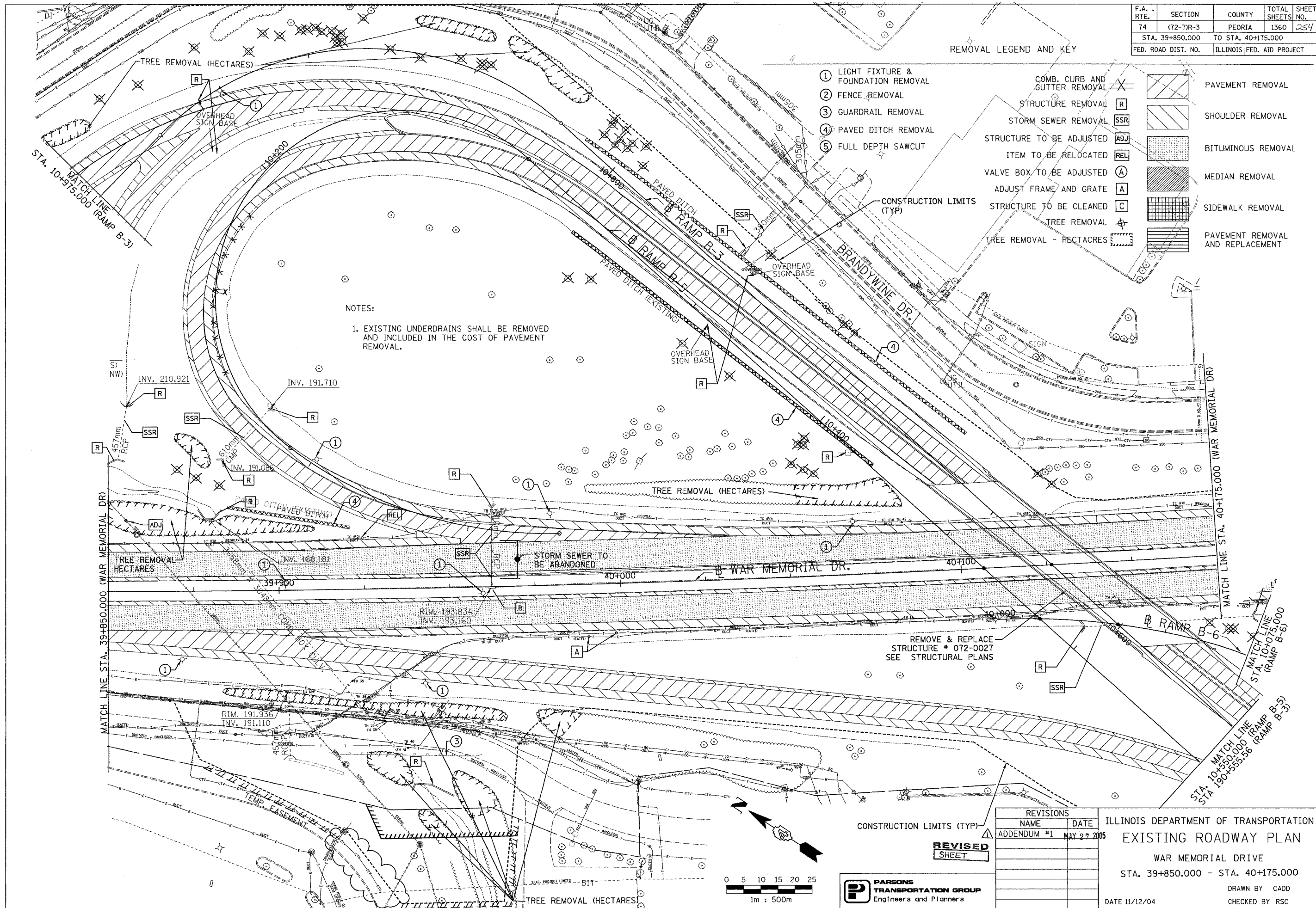
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	254
STA. 39+850.000		TO STA. 40+175.000		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

REMOVAL LEGEND AND KEY

- ① LIGHT FIXTURE & FOUNDATION REMOVAL
- ② FENCE REMOVAL
- ③ GUARDRAIL REMOVAL
- ④ PAVED DITCH REMOVAL
- ⑤ FULL DEPTH SAWCUT
- COMB. CURB AND GUTTER REMOVAL
- STRUCTURE REMOVAL
- STORM SEWER REMOVAL
- STRUCTURE TO BE ADJUSTED
- ITEM TO BE RELOCATED
- VALVE BOX TO BE ADJUSTED
- ADJUST FRAME AND GRATE
- STRUCTURE TO BE CLEANED
- TREE REMOVAL
- TREE REMOVAL - HECTARES
- PAVEMENT REMOVAL
- SHOULDER REMOVAL
- BITUMINOUS REMOVAL
- MEDIAN REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL AND REPLACEMENT

NOTES:

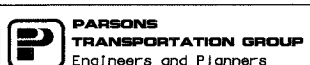
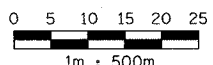
1. EXISTING UNDERDRAINS SHALL BE REMOVED AND INCLUDED IN THE COST OF PAVEMENT REMOVAL.



REMOVE & REPLACE
STRUCTURE # 072-0027
SEE STRUCTURAL PLANS

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

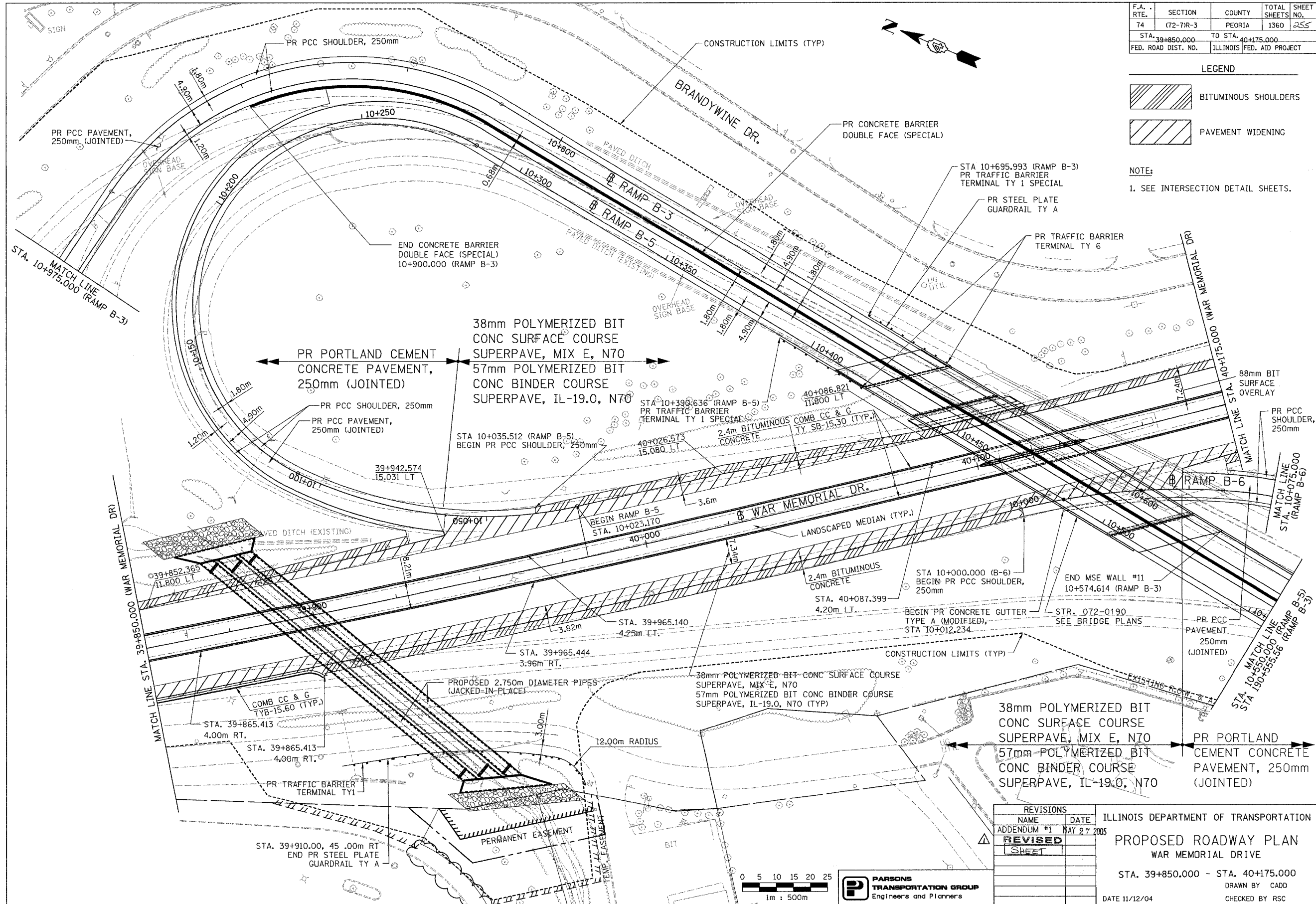
ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING ROADWAY PLAN
WAR MEMORIAL DRIVE
STA. 39+850.000 - STA. 40+175.000
DRAWN BY CADD
CHECKED BY RSC
DATE 11/12/04



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7R-3)	PEORIA	1360	255
STA. 39+850.000		TO STA. 40+175.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

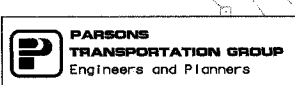
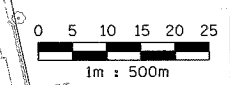
LEGEND	
	BITUMINOUS SHOULDERS
	PAVEMENT WIDENING

NOTE:
1. SEE INTERSECTION DETAIL SHEETS.



REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005
REVISED	
SHEET	

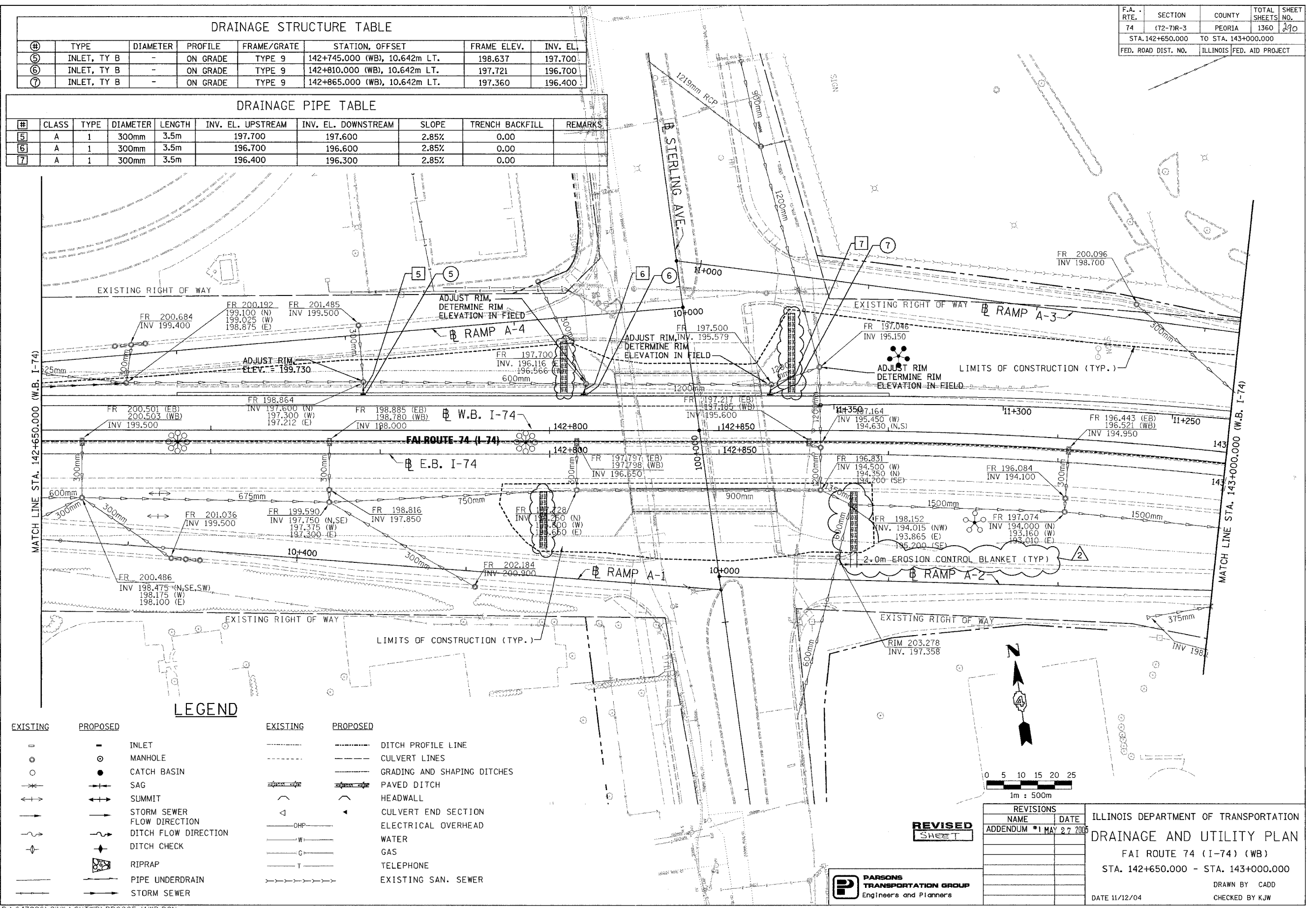
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED ROADWAY PLAN
 WAR MEMORIAL DRIVE
 STA. 39+850.000 - STA. 40+175.000
 DRAWN BY CADD
 CHECKED BY RSC
 DATE 11/12/04



DRAINAGE STRUCTURE TABLE							
#	TYPE	DIAMETER	PROFILE	FRAME/GRATE	STATION, OFFSET	FRAME ELEV.	INV. EL.
5	INLET, TY B	-	ON GRADE	TYPE 9	142+745.000 (WB), 10.642m LT.	198.637	197.700
6	INLET, TY B	-	ON GRADE	TYPE 9	142+810.000 (WB), 10.642m LT.	197.721	196.700
7	INLET, TY B	-	ON GRADE	TYPE 9	142+865.000 (WB), 10.642m LT.	197.360	196.400

DRAINAGE PIPE TABLE									
#	CLASS	TYPE	DIAMETER	LENGTH	INV. EL. UPSTREAM	INV. EL. DOWNSTREAM	SLOPE	TRENCH BACKFILL	REMARKS
5	A	1	300mm	3.5m	197.700	197.600	2.85%	0.00	
6	A	1	300mm	3.5m	196.700	196.600	2.85%	0.00	
7	A	1	300mm	3.5m	196.400	196.300	2.85%	0.00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
74	(72-71R-3)	PEORIA	1360	290
STA. 142+650.000		TO STA. 143+000.000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXISTING		PROPOSED		EXISTING		PROPOSED	
	INLET		DITCH PROFILE LINE		CULVERT LINES		GRADING AND SHAPING DITCHES
	MANHOLE		PAVED DITCH		HEADWALL		CULVERT END SECTION
	CATCH BASIN		ELECTRICAL OVERHEAD		WATER		GAS
	SAG		TELEPHONE		EXISTING SAN. SEWER		
	SUMMIT						
	STORM SEWER FLOW DIRECTION						
	DITCH FLOW DIRECTION						
	DITCH CHECK						
	RIPRAP						
	PIPE UNDERDRAIN						
	STORM SEWER						

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE AND UTILITY PLAN
 FAI ROUTE 74 (I-74) (WB)
 STA. 142+650.000 - STA. 143+000.000

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

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

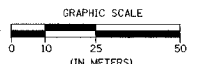
REVISED SHEET

PARSONS TRANSPORTATION GROUP
 Engineers and Planners

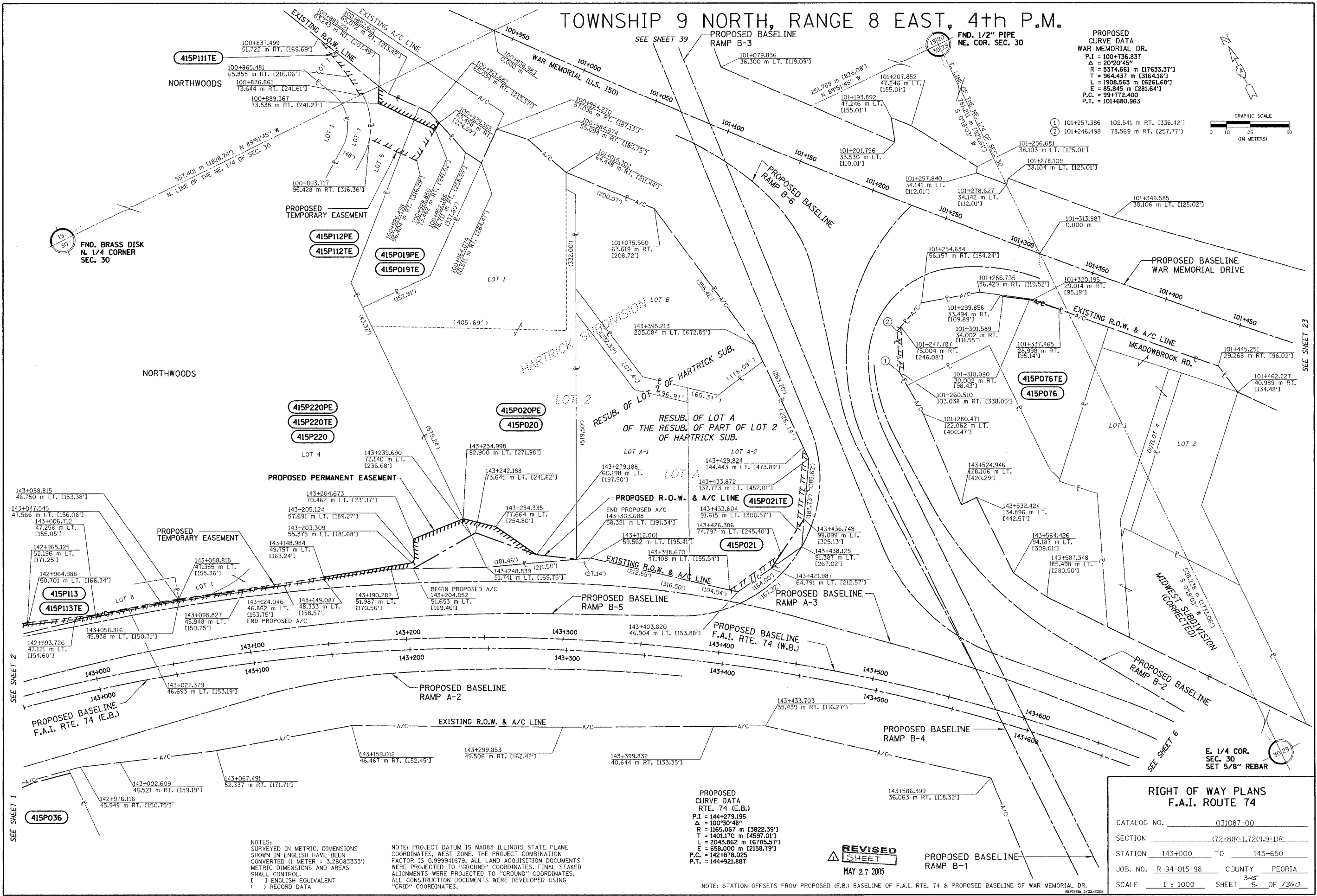
TOWNSHIP 9 NORTH, RANGE 8 EAST, 4th P.M.

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 _____



SEE SHEET 1
SEE SHEET 2

SEE SHEET 23

SEE SHEET 6

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+921.867

REVISED SHEET
MAY 27 2005

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

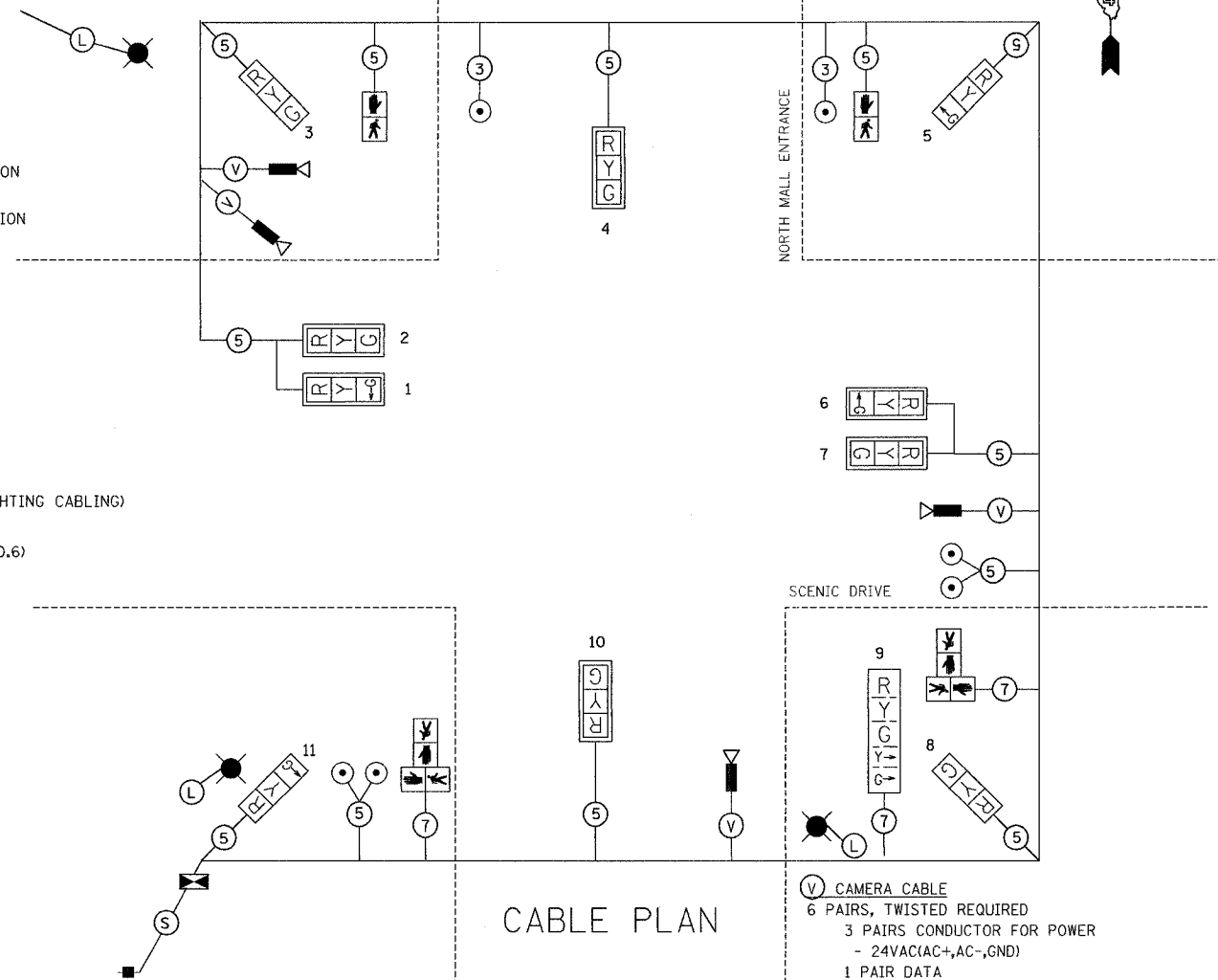
RIGHT OF WAY PLANS F.A.I. ROUTE 74	
CATALOG NO.	031087-00
SECTION	(72-8)R-1.72(9.9-1)R
STATION	143+000 TO 143+650
JOB. NO.	R-94-015-98 COUNTY PEORIA
SCALE	1 : 1000 SHEET 325 OF 1360

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

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
- 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)

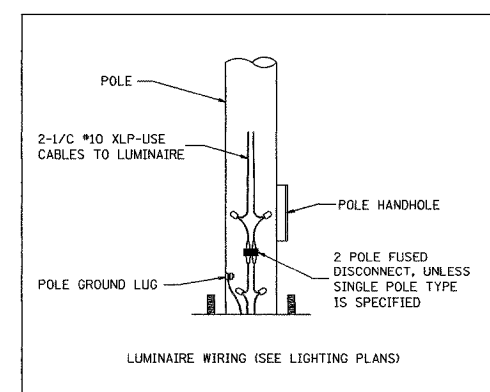


CABLE PLAN

○ 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	Mall 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, 50 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., 1-FACE, BRACKET MOUNTED	EACH	6
VIDEO VEHICLE DETECTION SYSTEM (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

PUSH BUTTON FOR
 PUSH BUTTON FOR

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

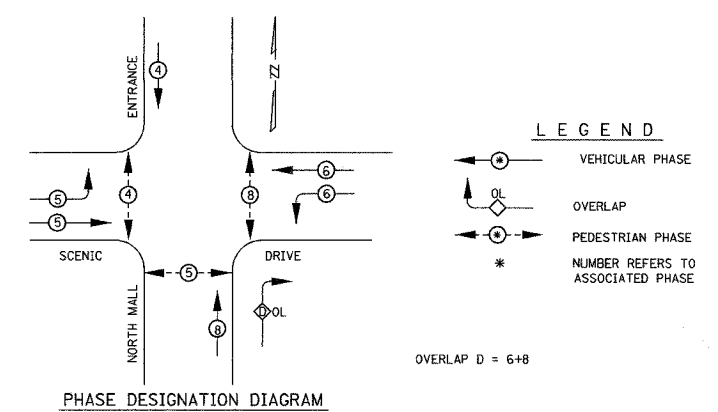
ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION

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.



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

REVISED SHEET

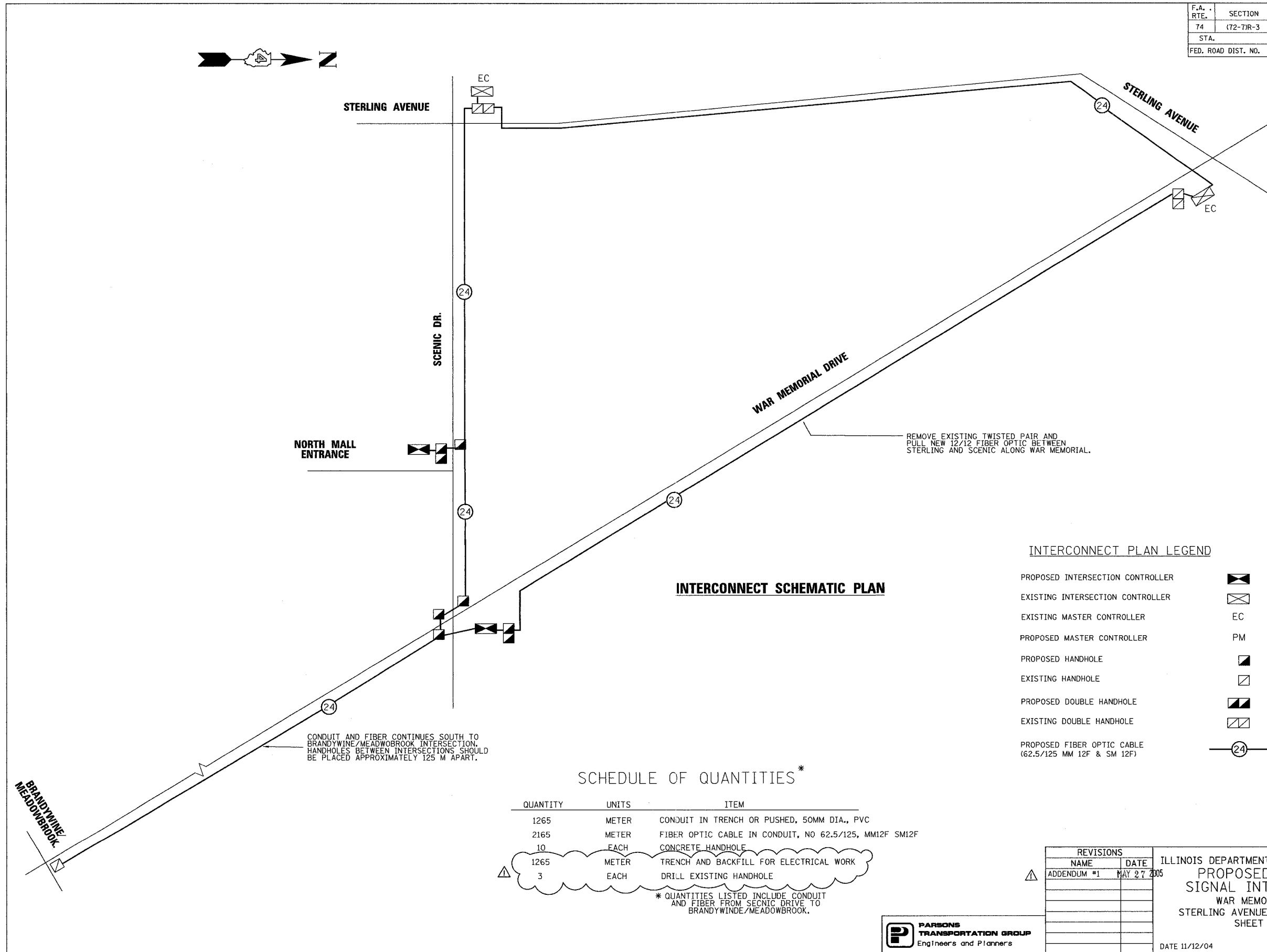
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27, 2005

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



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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-71R-3	PEORIA	1360	348
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REMOVE EXISTING TWISTED PAIR AND PULL NEW 12/12 FIBER OPTIC BETWEEN STERLING AND SCENIC ALONG WAR MEMORIAL.

NORTH MALL ENTRANCE

CONDUIT AND FIBER CONTINUES SOUTH TO BRANDYWINE/MEADOWBROOK INTERSECTION. HANDHOLES BETWEEN INTERSECTIONS SHOULD BE PLACED APPROXIMATELY 125 M APART.

INTERCONNECT PLAN LEGEND

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

INTERCONNECT SCHEMATIC PLAN

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
1265	METER	TRENCH AND BACKFILL FOR ELECTRICAL WORK
3	EACH	DRILL EXISTING HANDHOLE

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

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

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

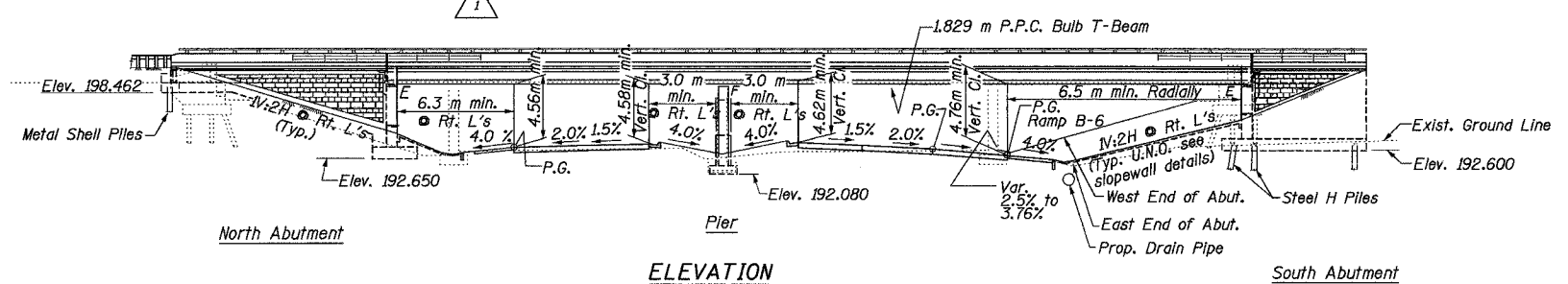


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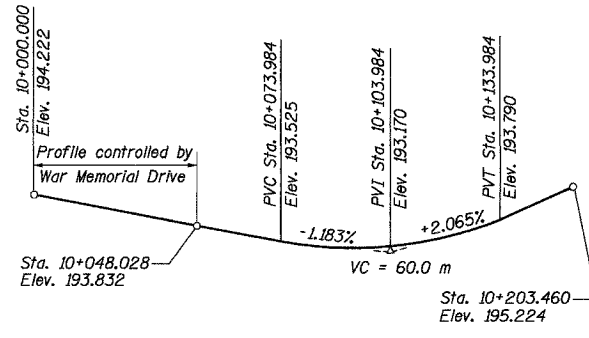
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B.M. : '□' cut on North headwall N.W. of existing bridge at ramp for W.B. I-74 to W.B. War Memorial Dr. Elev. 194.167
 P.K. Nail on S. Side of F.A. 49 (U.S. 150 Spur) Bridge over I-74 West of I-74 Ramp Elevation 194.293 m.
 Existing Structure : S.N. 072-0026 is a four span bridge built as F.A.I. Rt. 31 Spur over War Memorial Drive (U.S. Rt. 150), Project U-107(12), Section (117-3HB) in 1963.
 The Superstructure consists of a R.C. Deck 77.91 m long by 14.02 m wide supported on wide flange steel stringers.
 The Existing Superstructure, North and South Abutments and Piers shall be removed as required. Traffic along ramps B-3 and B-5 will be detoured while traffic along War Memorial Drive will be maintained during construction.

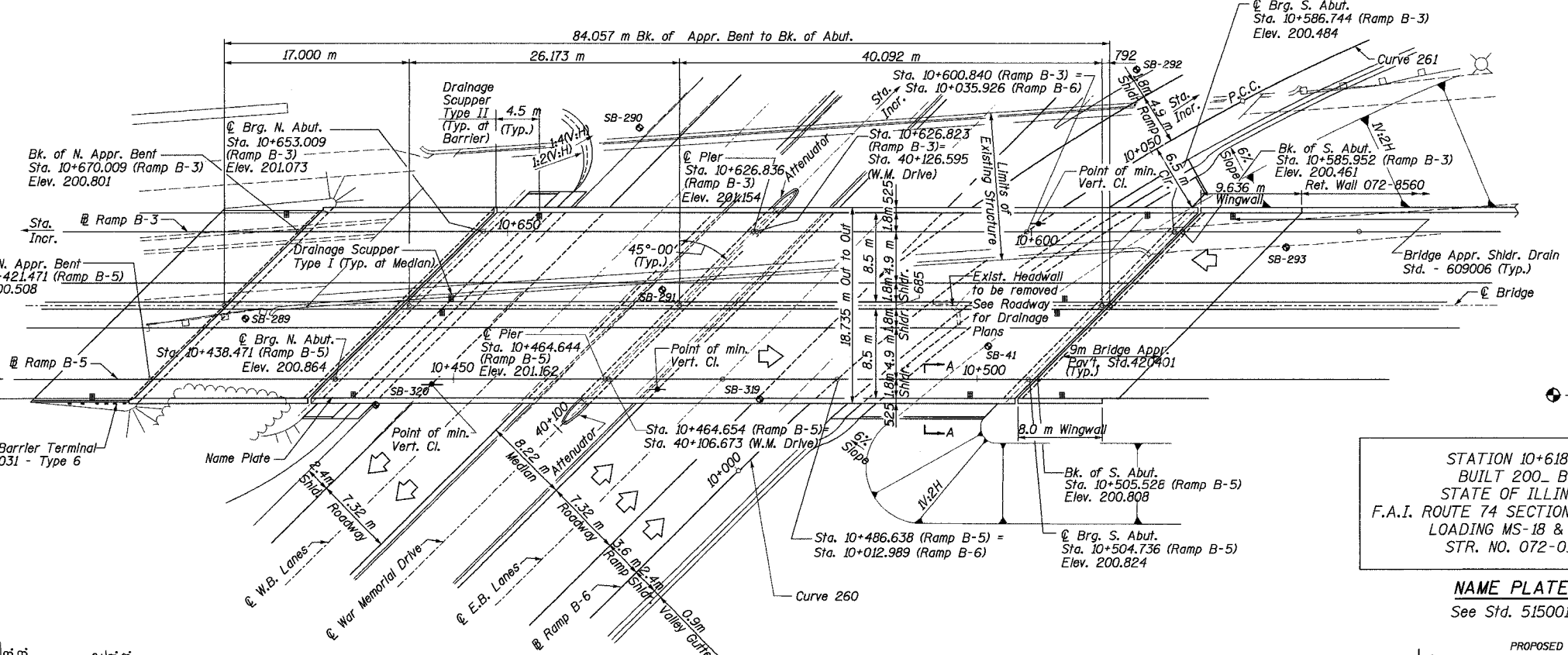
Note: All dimensions are in millimeters (mm) except as noted.
 For Limits of Protective Shield see Sheet 2, Note 12.



ELEVATION



PROFILE GRADE RAMP B-6



PLAN

War Memorial Dr. Curve 200

Δ	= 20° 20' 45"
R	= 5,374.349 m
T	= 964.381 m
L	= 1,908.452 m
E	= 85.840 m
PC	= 38+811.662
PI	= 39+776.043
PT	= 40+720.114
SE	= Normal Crown

CURVE DATA

Ramp B-6 Curve 260

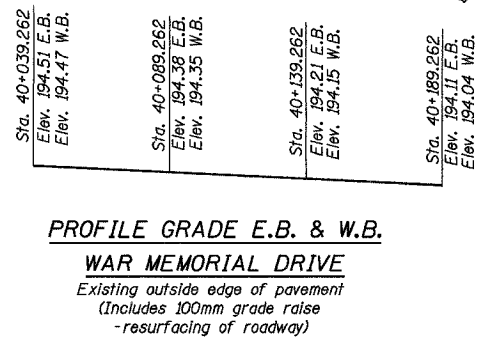
Δ	= 17° 11' 19"
R	= 200.00 m
T	= 30.227 m
L	= 60.00 m
E	= 2.271 m
PC	= 10+000.000
PI	= 10+030.227
PCC	= 10+060.000
SE	= 2.5 %
Transition In	= N/A
Transition out	= 10+027 to 10+060

Ramp B-6 Curve 261

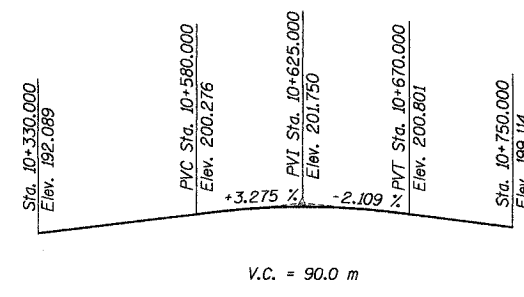
Δ	= 18° 25' 26"
R	= 125.00 m
T	= 20.272 m
L	= 40.195 m
E	= 1.633 m
PCC	= 10+060.000
PI	= 10+080.272
PCC	= 10+100.195
SE	= 8.0 %
Transition In	= 10+060 to 10+076
Transition out	= N/A

STATION 10+618.61
 BUILT 200_ BY
 STATE OF ILLINOIS
 F.A.I. ROUTE 74 SECTION (72-7) R-3
 LOADING MS-18 & ALT.
 STR. NO. 072-0190

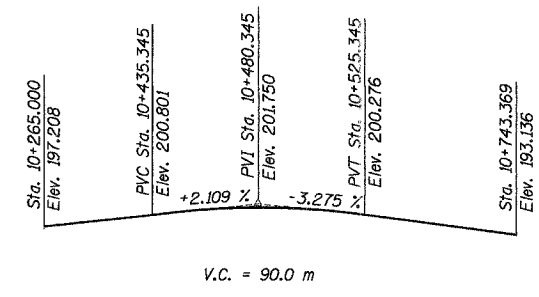
NAME PLATE
 See Std. 515001



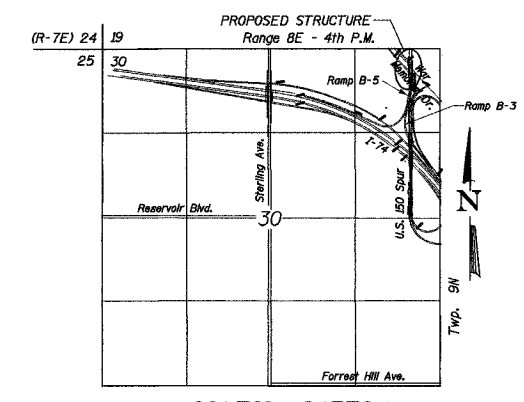
PROFILE GRADE E.B. & W.B.
WAR MEMORIAL DRIVE
 Existing outside edge of pavement
 (Includes 100mm grade raise
 -resurfacing of roadway)



PROFILE GRADE RAMP B-3
 (Along @ Ramp B-3)



PROFILE GRADE RAMP B-5
 (Along @ Ramp B-5)



LOCATION SKETCH

1	3/28/05	Protective Shield Note added
REVISION	DATE	DESCRIPTION
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
GENERAL PLAN		
RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6 F.A.I. ROUTE 74 SECTION (72-7) R-3 PEORIA COUNTY STA. 10+618.61 (RAMP B-3) STA. 10+472.60 (RAMP B-5) STRUCTURE NUMBER 072-0190		
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS		
DRAWING NO. 1	SCALE N.T.S.	DATE 2-21-03
		SHEET NO. 1

REVISION SHEET MAY 27 2005

Filename: P:\643996\structure\072-0190\sheet\tracings\GPO001-1A0720190.dgn

Designed by: MBQ
 Checked by: AK
 Drafted by: JV
 Checked by: AK

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	501	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 68200	

GENERAL NOTES

- Side retainers shall be galvanized after shop fabrication according to AASHTO M111 and ASTM A385.
- The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M270M Grade 345.
- Reinforcement bars shall conform to the requirements of AASHTO M 31M, M 42M or M 53M Grade 400.
- Slope wall shall be reinforced with welded wire fabric, 152 x 152 - MW25.8 x MW25.8 with a mass of 2.91 kg/m².
- The back face of Closed Abutments and their wingwalls shall be waterproofed according to Article 503.18 of the Standard Specifications.
- The contractor shall drive one (1) concrete test pile in a permanent location at North Abutment and one (1) steel test pile in a permanent location at South Abutment as directed by the Engineer before ordering the remainder of piles.
- Bridge Seat Sealer shall be applied to the seat area of the Abutments.
- All dimensions are in millimeters (mm) except as noted.
- The existing structural steel coating contains lead. The contractor should take appropriate precautions to deal with the presence of lead on this project.
- All existing aluminum bridge rail and rail bases are to be salvaged and delivered by the Contractor to the IDOT Bridge Maintenance Yard in East Peoria. The contact person is Dan Edwards at (309) 699-3823. The Contractor shall provide 24 hour notice in advance of delivery. All deliveries shall be Monday through Friday. The Contractor shall replace any rail that is damaged during removal.
- The concrete for bridge floors finished according to Article 503.17 of the Standard Specifications, shall be placed and compacted parallel to the skew in uniform increments along centerline of bridge. The finishing machine, when required, shall be set parallel to the skew for striking off and screeding the concrete.
- The protective shield limits shall extend out to out of the existing deck and shall run the length of the roadway, ramps and shoulders. The protective shield shall extend a minimum of 610 mm beyond the edge of shoulder.

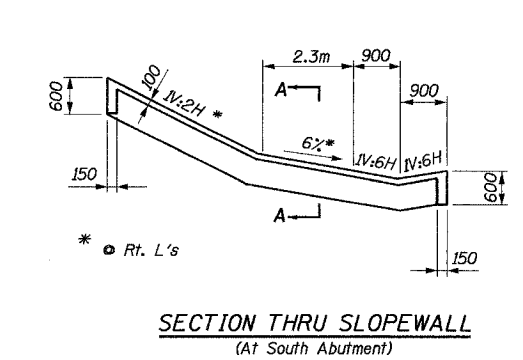
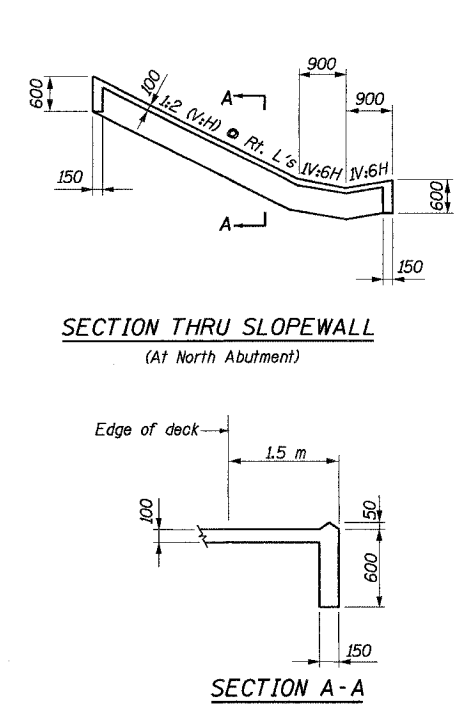
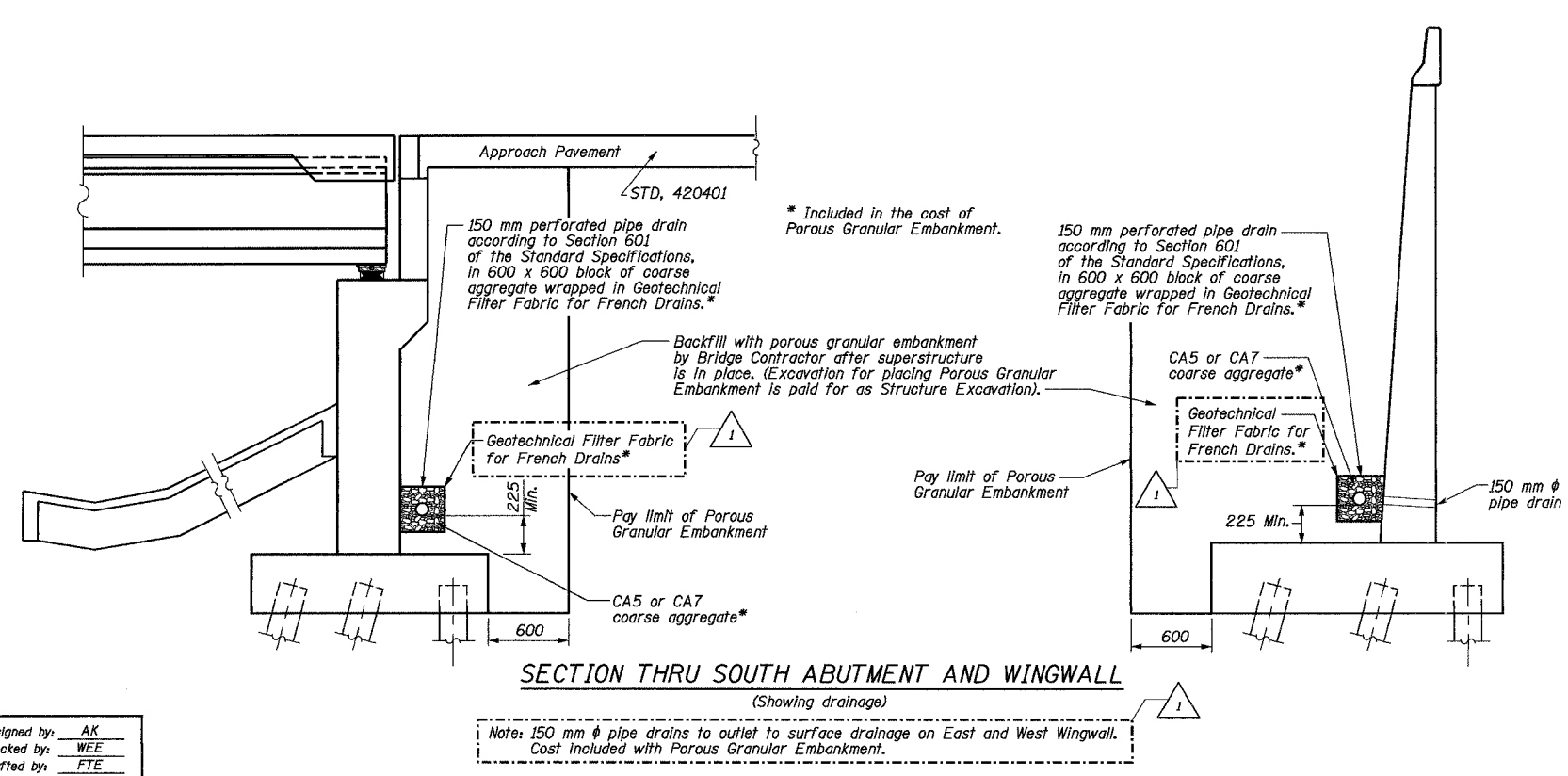
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- Boring Logs VI

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures #3	Each			1
Elastomeric Bearing Assembly, Type I	Each	18		18
Name Plates	Each		1	1
Porous Granular Embankment	m ³		562	562
Structure Excavation	m ³		1283	1283
Neoprene Expansion Joint 50 mm	m	25.5		25.5
Neoprene Expansion Joint 100 mm	m	25.5		25.5
Concrete Structures	m ³		962.4	962.4
Concrete Superstructure	m ³	483.0		483.0
Bridge Deck Grooving	m ²	1422		1422
Protective Coat	m ²	1856		1856
Furnishing And Erecting Precast Prestressed Concrete I-Beams 914 mm	m	123.4		123.4
Furnishing And Erecting Precast Prestressed Concrete Bulb T-Beams 1829 mm	m	598.6		598.6
Furnishing and Erecting Structural Steel	kg	1370		1370
Reinforcement Bars, Epoxy Coated	kg	61670	56290	116960
Slope Wall 100 mm	m ²		399	399
Furnishing Steel Piles HP310x79	m		828.0	828.0
Driving Steel Piles	m		828.0	828.0
Test Pile Steel HP310x79	Each		1	1
Furnishing Metal Pile Shells 305mm	m		150.0	150.0
Driving And Filling Shells	m		150.0	150.0
Test Pile Metal Shells	Each		1	1
Bridge Seat Sealer	m ²		56	56
Protective Shield	m ²	1328		1328
Drainage Scuppers, Type I	Each	4		4
Drainage Scuppers, Type II	Each	4		4
Bar Splicers	Each		84	84
Aluminum Railing, Type H (Special)	m	183.5		183.5
Form Liner Limestone Surface	m ²		182	182
Form Liner Grid and Fin Surface	m ²		216	216

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REVISION	DATE	DESCRIPTION
1	3/28/05	Reinf. Bars, Epoxy Coated appended
1	3/28/05	* added to French Drain, spelling corr.
1	3/28/05	Note 12 added, Protective Shield appended

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES,
TOTAL BILL OF MATERIAL, MISC. DETAILS

RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6
F.A.I. ROUTE 74 SECTION (72-7) R-3
PEORIA COUNTY STA. 10+618.61 (RAMP B-3)
STA. 10+472.60 (RAMP B-5)
STRUCTURE NUMBER 072-0190

PARSONS TRANSPORTATION GROUP
CHICAGO, ILLINOIS

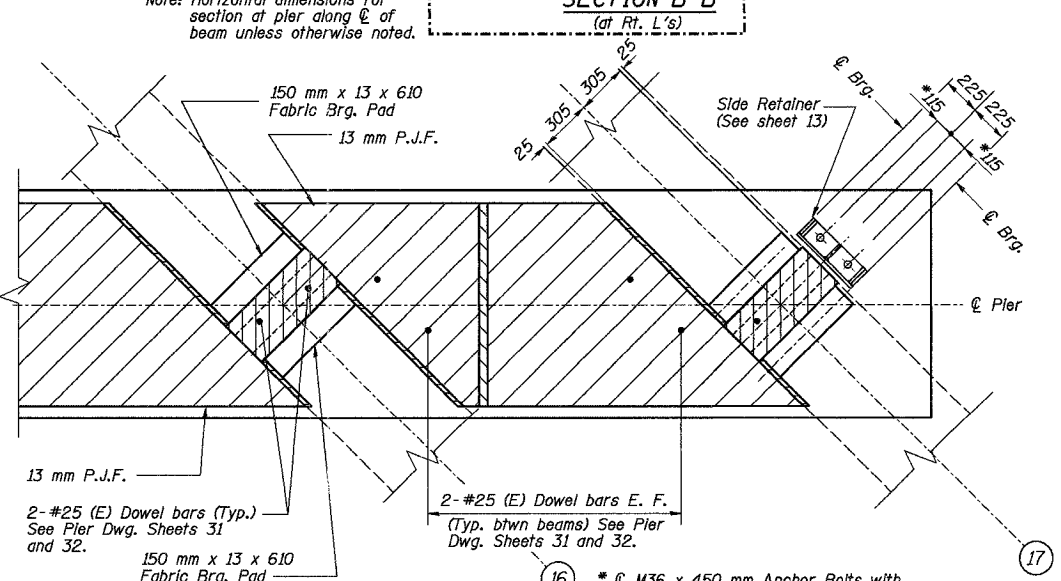
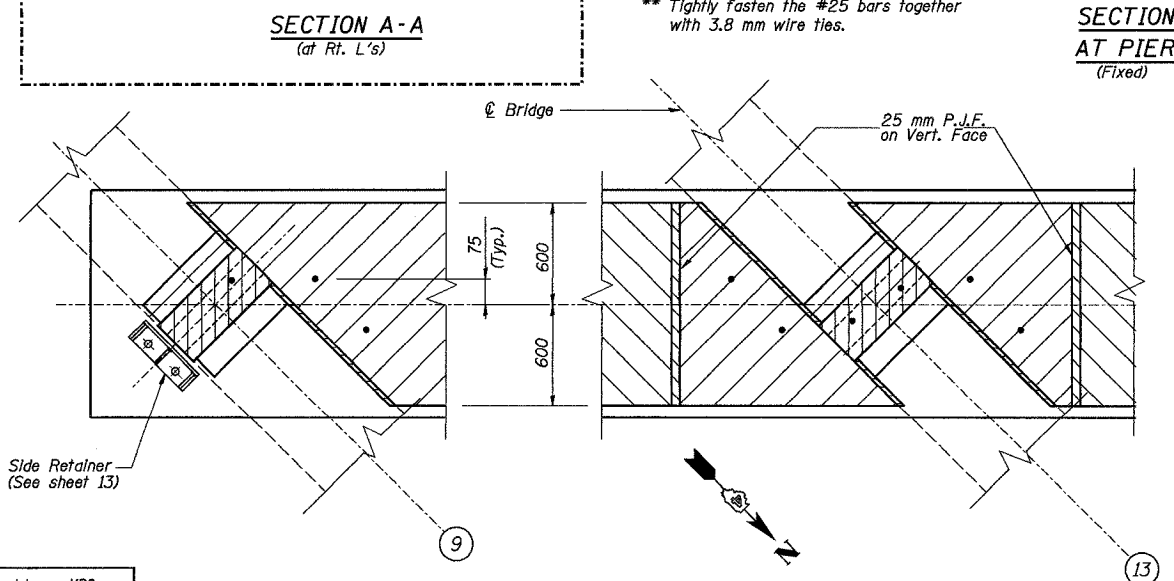
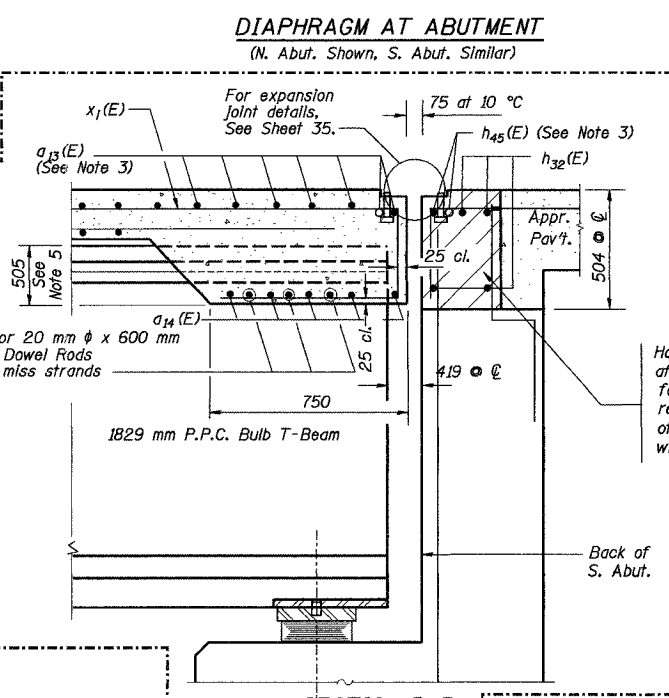
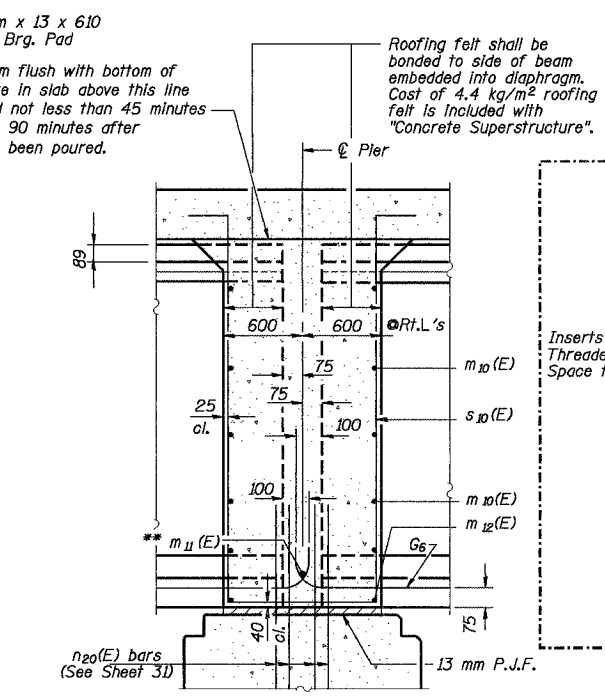
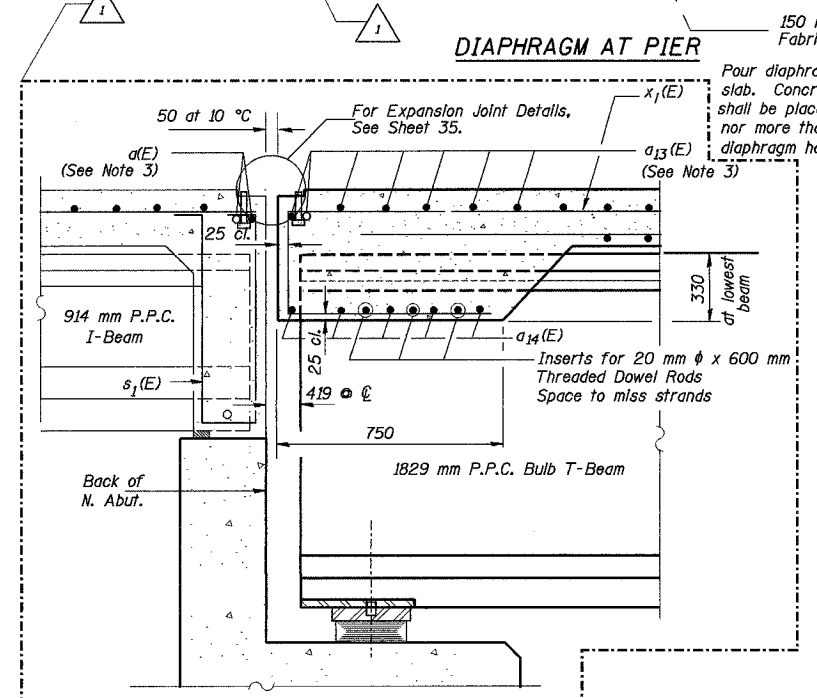
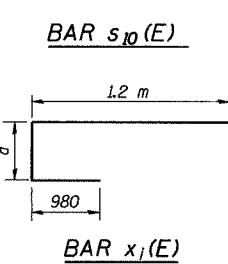
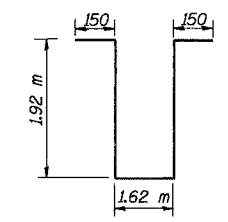
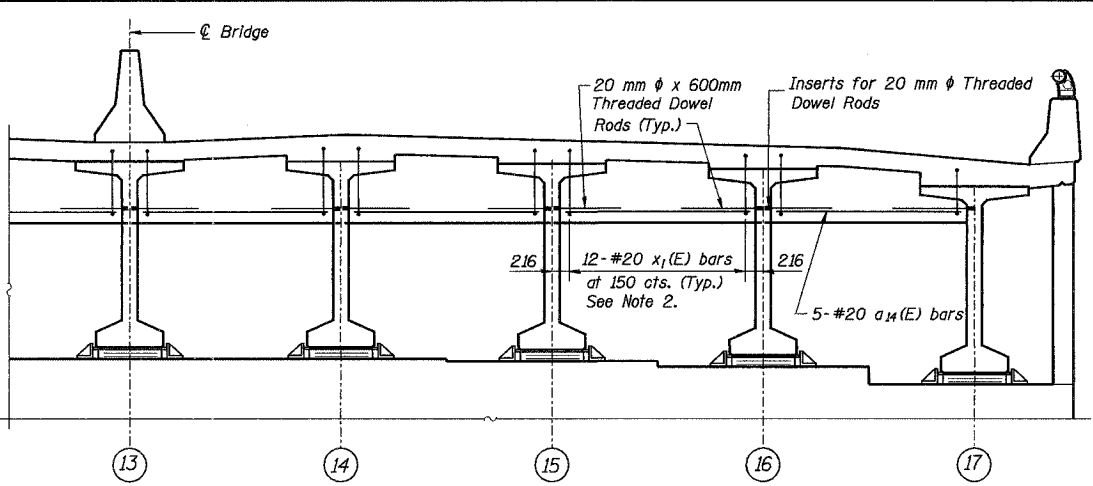
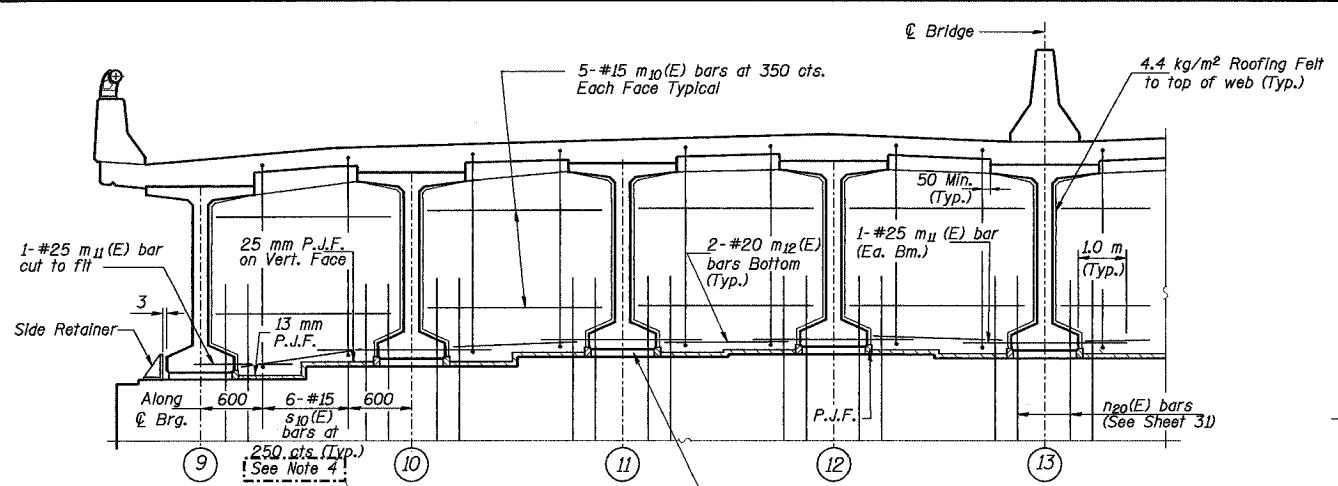
DRAWING NO.	SCALE	DATE	SHEET NO.
2	N.T.S.	2-21-03	2

Revised MAY 27 2005

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	510	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 68200	

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Bar	a	Location
N. Abutment x(E)	720	from (9) to (12)
x1(E)	680	from (12) to (14)
x2(E)	620	btwn (14) & (15)
x3(E)	550	btwn (15) & (16)
x4(E)	470	btwn (16) & (17)
S. Abutment x5(E)	700	from (9) to (17)

- Notes:
- Reinforcement bars shown on this sheet are included in Bill of Material on Sheet 13.
 - #20 x1(E) bars are parallel to beams. See table for x1(E) designations and placement.
 - Place a(E), a13(E) and h45(E) bars in back of anchor bolt as shown if required to maintain 25 mm cl. (+0-3 mm). Anchor bolts should be tied to a(E), a13(E) and h45(E) bars.
 - #15 s10(E) bars are parallel to beams.
 - Reinforcement bars designated (E) shall be epoxy coated.
 - S. Abut. bottom of diaphragm, runs parallel to top of deck.
 - All dimensions are in millimeters (mm) except as noted.

REVISION	DATE	DESCRIPTION
1	3/28/05	Note 3 Added, numbering revised
1	3/28/05	Sections A-A and B-B appended

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIAPHRAGM DETAILS - SPANS 2 & 3

RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6
F.A.I. ROUTE 74 SECTION (72-7) R-3
PEORIA COUNTY STA. 10+618.61 (RAMP B-3)
STA. 10+472.60 (RAMP B-5)
STRUCTURE NUMBER 072-0190

PARSONS TRANSPORTATION GROUP
CHICAGO, ILLINOIS

DRAWING NO.	SCALE	DATE	SHEET NO.
11	N.T.S.	2-21-03	11

Designed by: MBG
Checked by: AK
Drafted by: FTE
Checked by: AK

PLAN - TOP OF PIER DETAIL

Revised MAY 27 2005

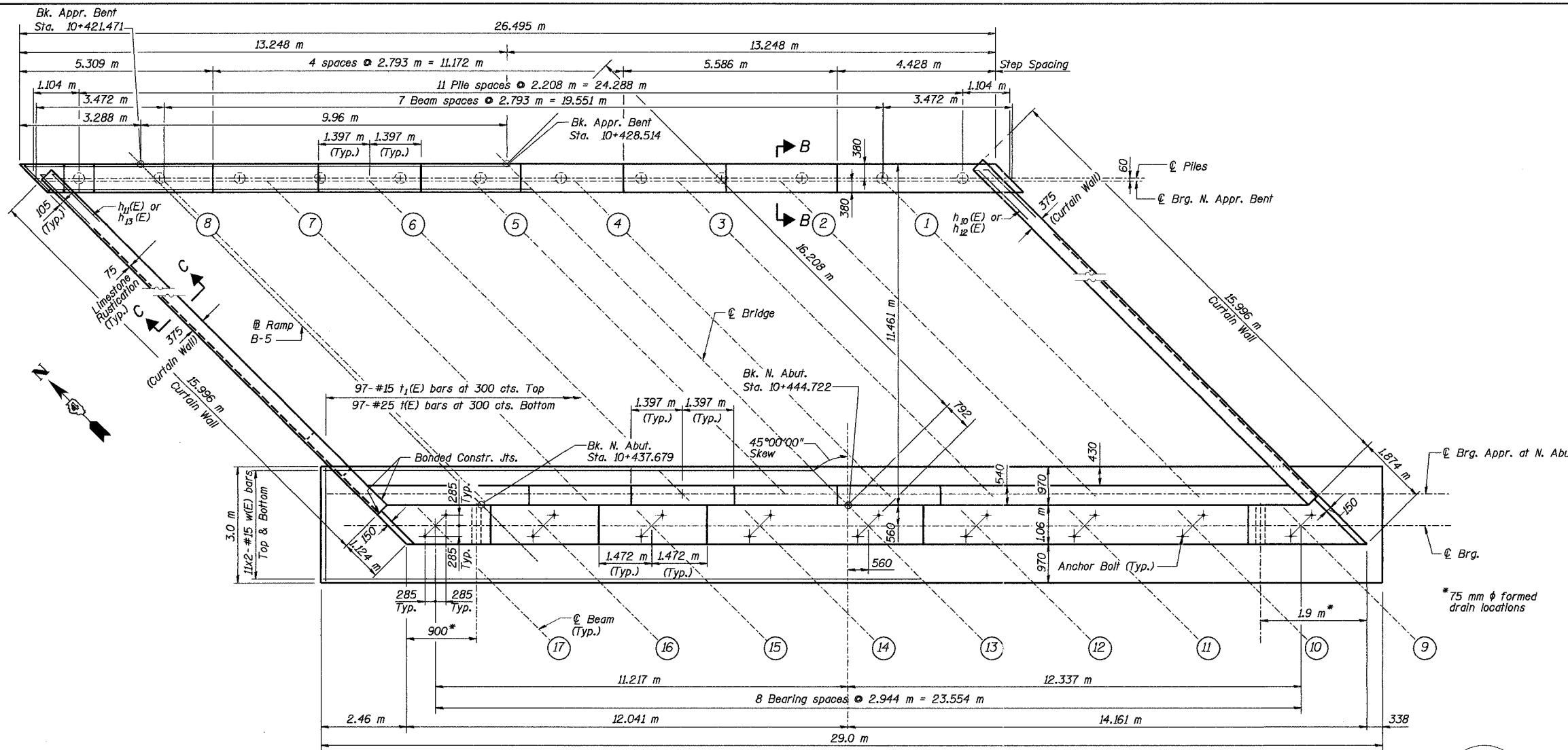
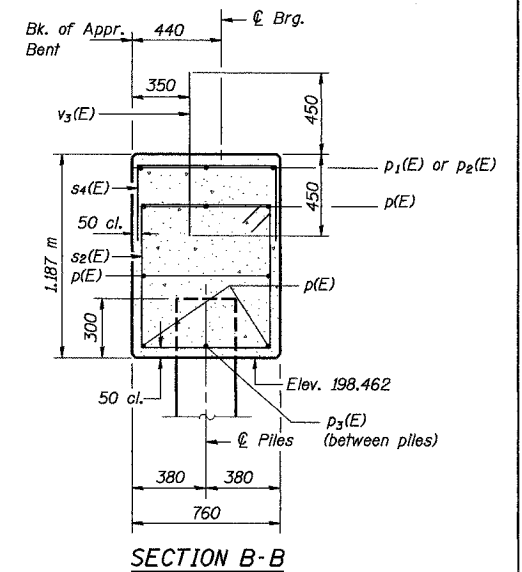
* φ M36 x 450 mm Anchor Bolts with 75 x 75 x 8 mm plate washer under nut. Holes in cap to be drilled after beams are in place.

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	520	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 68200	

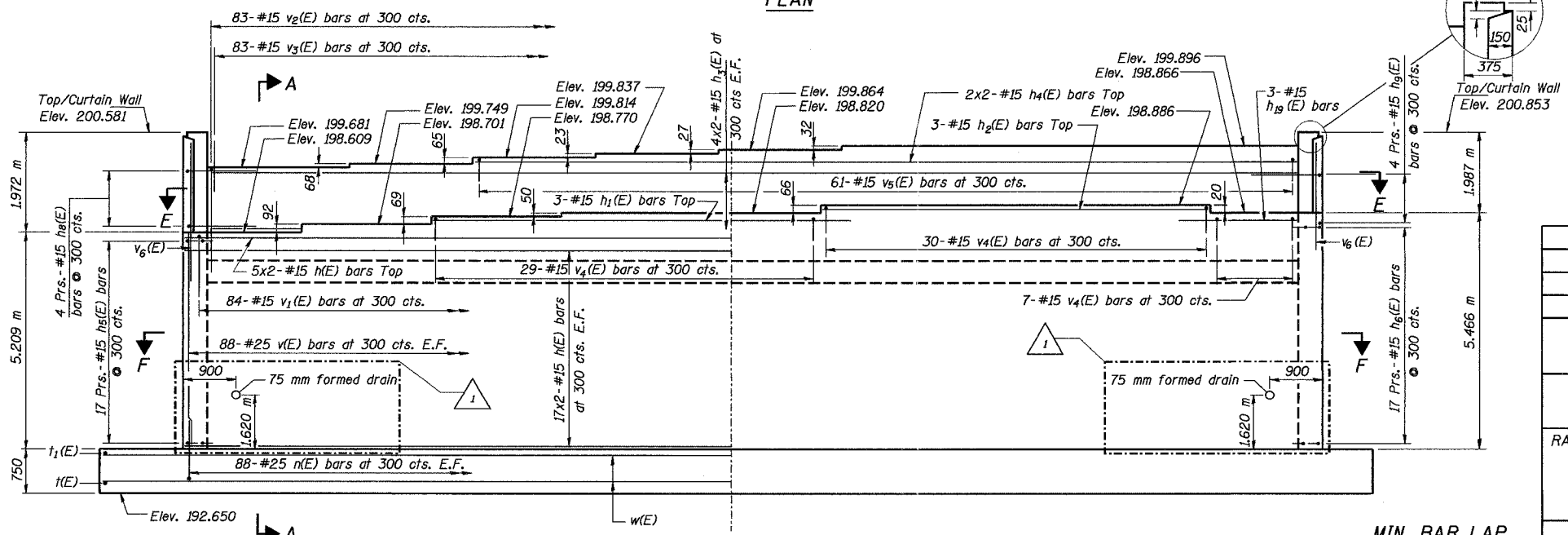
Notes:
 Space reinforcement in cap to miss anchor bolts.
 Reinforcement bars designated (E) shall be epoxy coated.
 For Bill of Material and reinforcement details, see sheet 23.
 Work this sheet with sheet 22.
 Pour steps monolithically with cap.
 All dimensions are in millimeters (mm) except as noted.
 Bars indicated thus 20 X 3-#15 etc. indicates 20 lines of bars with 3 lengths per line.
 All stations based on R Ramp B-5 stationing.
 The maximum applied bearing pressure at the abutment is 238 kPa.
 For Rustication on face of abutment and curtain wall, see sheet 30.
 E.F. denotes each face.
 For Sections A-A, E-E and F-F, see sheet 23.

APPR. BENT-PILE DATA

Type: 305 mm ϕ metal shell piles with 6 mm walls
 Capacity: 400 KN
 Est. Length: 12.5 m
 No. Req'd.: 11 Plus 1 Test Pile



PLAN



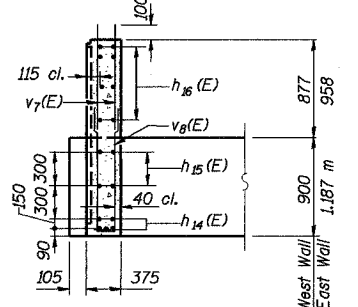
ELEVATION AT NORTH ABUTMENT

Revised MAY 27 2005

MIN. BAR LAP
 #15 bar = 640

Designed by: MBQ
 Checked by: DL
 Drafted by: FTE
 Checked by: DL

SECTION C-C



REVISION	DATE	DESCRIPTION
1	3/28/05	75 mm Drains Added

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT PLAN AND ELEVATION

RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6
 F.A.I. ROUTE 74 SECTION (72-7) R-3
 PEORIA COUNTY STA. 10+618.61 (RAMP B-3)
 STA. 10+472.60 (RAMP B-5)
 STRUCTURE NUMBER 072-0190

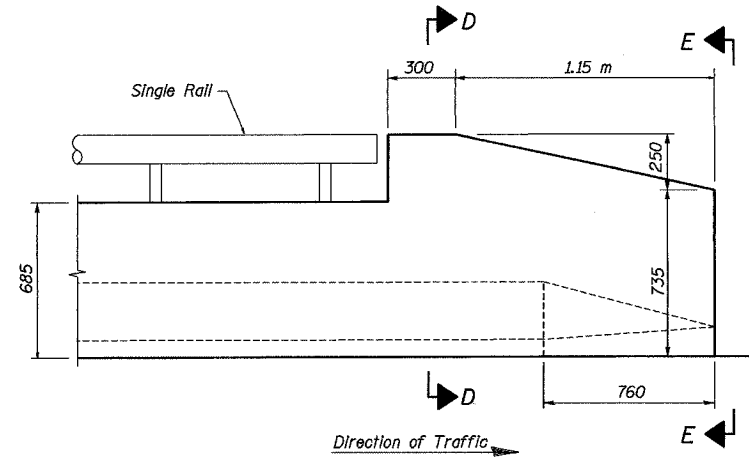
PARSONS TRANSPORTATION GROUP
 CHICAGO, ILLINOIS

DRAWING NO. 21	SCALE N.T.S.	DATE 2-21-03	SHEET NO. 21
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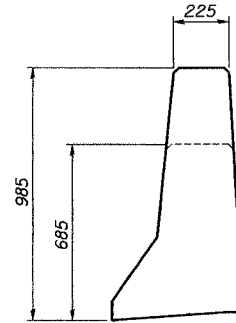
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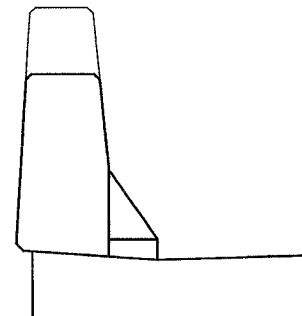
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PARAPET END SECTION



SECTION D-D



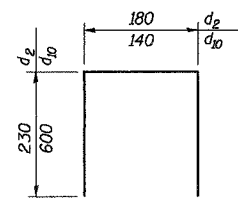
VIEW E-E

BILL OF MATERIAL

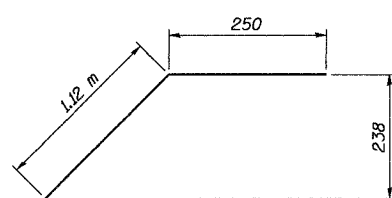
Bar	No.	Size	Length (m)	Shape
d ₂ (E)	22	#15	0.64	□
d ₁₀ (E)	6	#15	1.34	□
e ₁₀ (E)	2	#15	1.37	∕
h ₃₀ (E)	81	#15	9.15	—
h ₃₁ (E)	48	#15	8.75	—
h ₃₂ (E)	12	#20	8.83	—
h ₃₃ (E)	3	#15	9.42	—
h ₃₄ (E)	3	#15	11.14	—
h ₃₅ (E)	89	#15	8.37	—
h ₃₆ (E)	4	#25	8.37	—
h ₃₇ (E)	43	#15	1.05	—
h ₃₈ (E)	4	#25	1.05	—
h ₃₉ (E)	25	#15	2.15	—
h ₄₀ (E)	28	#15	2.5	—
h ₄₁ (E)	7	#15	1.90	—
h ₄₂ (E)	7	#15	2.40	—
h ₄₃ (E)	16	#15	1.25	—
h ₄₄ (E)	16	#15	1.25	—
h ₄₅ (E)	3	#15	8.73	—
n ₅ (E)	189	#30	3.24	—
n ₆ (E)	89	#15	1.86	—
s ₅ (E)	68	#15	2.11	□
t ₅ (E)	148	#25	3.90	—
t ₆ (E)	148	#20	3.90	—
t ₇ (E)	6	#20	6.00	—
v ₆ (E)	13	#15	2.6	—
v ₂₀ (E)	106	#30	4.61	—
v ₂₁ (E)	26	#15	4.61	—
v ₂₂ (E)	88	#15	3.65	—
v ₂₃ (E)	84	#15	2.43	—
v ₂₄ (E)	84	#15	2.51	—
v ₂₅ (E)	84	#15	1.05	—
v ₂₆ (E)	84	#15	0.6	—
v ₂₇ (E)	34	#15	6.07	—
v ₂₈ (E)	45	#30	6.0	—
v ₂₉ (E)	29	#15	6.95	—
v ₃₀ (E)	38	#30	6.95	—
v ₃₁ (E)	37	#15	1.87	—
v ₃₂ (E)	34	#15	1.94	—
v ₃₃ (E)	31	#15	1.52	—
v ₃₄ (E)	29	#15	1.52	—
w ₅ (E)	84	#15	9.40	—
w ₆ (E)	28	#15	11.09	—
w ₇ (E)	26	#15	7.30	—
w ₈ (E)	2	#15	9.20	—
Structure Excavation		m ³	577	
Concrete Structures		m ³	409.9	
Reinforcement bars, Epoxy Coated		kg	21810	
Furnishing Steel Piles HP310x79		m	828	
Driving Steel Piles		m	828	
Test Pile Steel HP310x79		Each	1	

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	528	1360
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

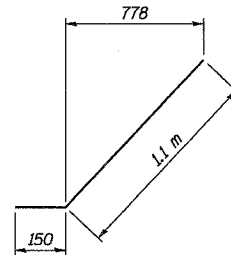
CONTRACT NO. 68200



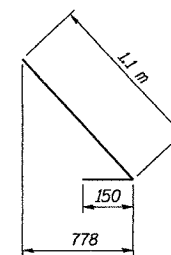
BAR d₂(E) & d₁₀(E)



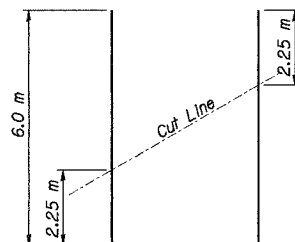
BAR e₁₀(E)



BAR h₄₃(E)

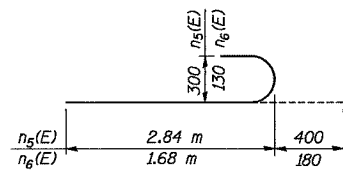


BAR h₄₄(E)

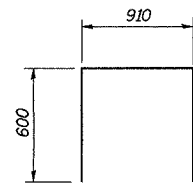


FIELD CUTTING DIAGRAM

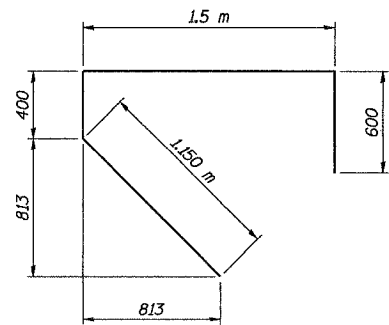
Order t₇(E) bars full length. Cut to fit and use remainder of bars in opposite face.



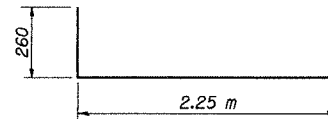
BARS n₅(E) & n₆(E)



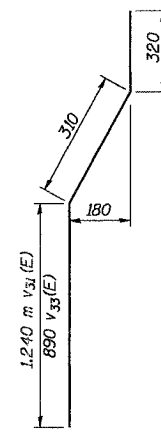
BAR s₅(E)



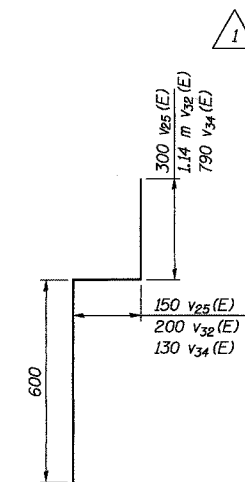
BAR v₂₂(E)



BAR v₂₄(E)



BAR v₃₁(E) & v₃₃(E)



BARS v₂₅(E), v₃₂(E) & v₃₄(E)

Note:
All dimensions are in millimeters (mm) except as noted.
Reinforcement bars designated (E) shall be epoxy coated.

REVISION	DATE	DESCRIPTION
1	3/28/05	Bill of Material appended

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT DETAILS IV

RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6
F.A.I. ROUTE 74 SECTION (72-7) R-3
PEORIA COUNTY STA. 10+618.61 (RAMP B-3)
STA. 10+472.60 (RAMP B-5)
STRUCTURE NUMBER 072-0190

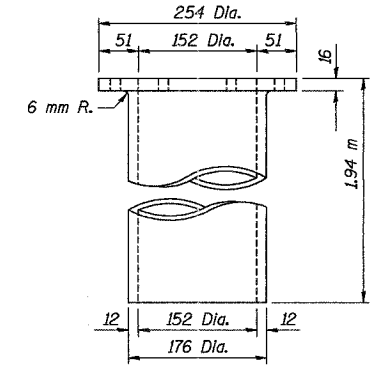
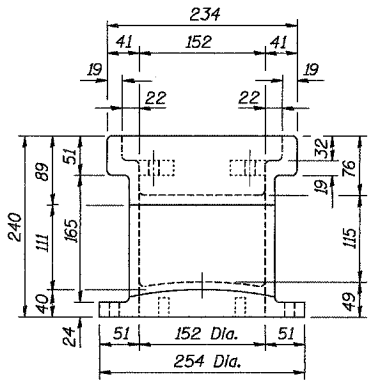
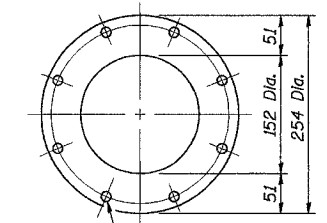
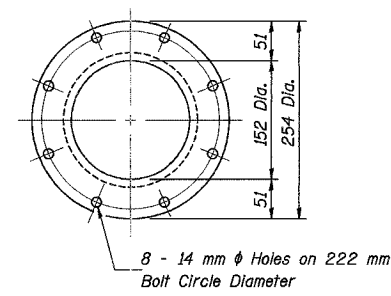
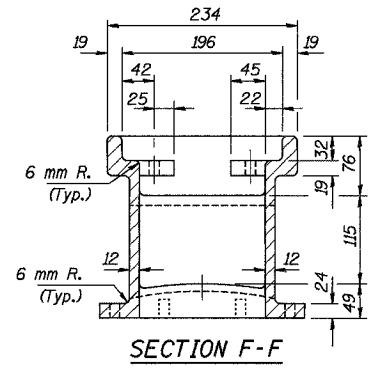
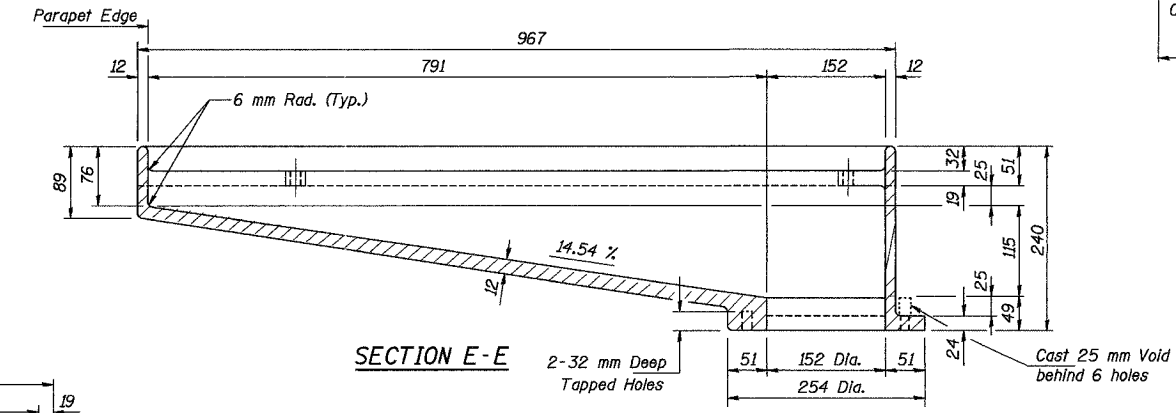
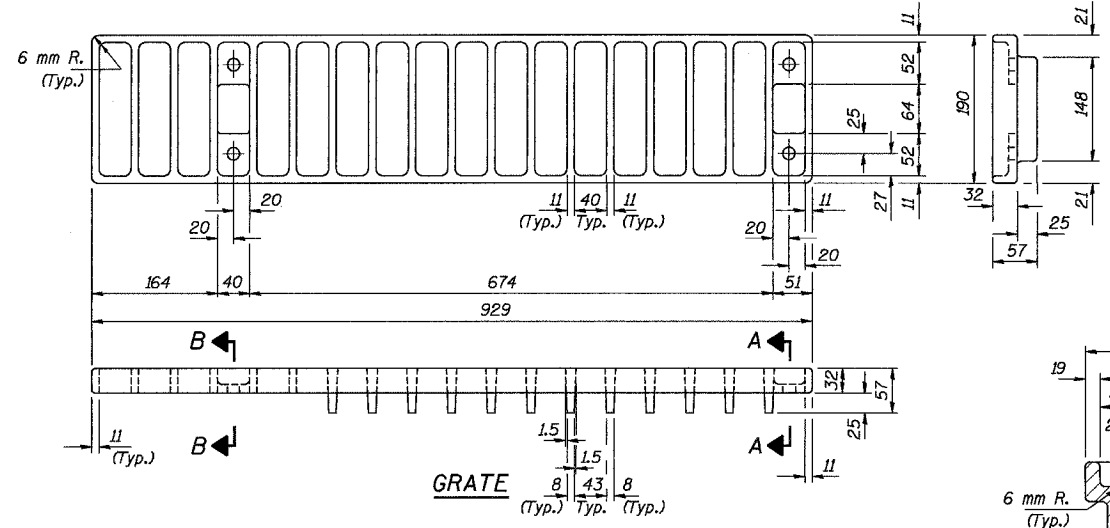
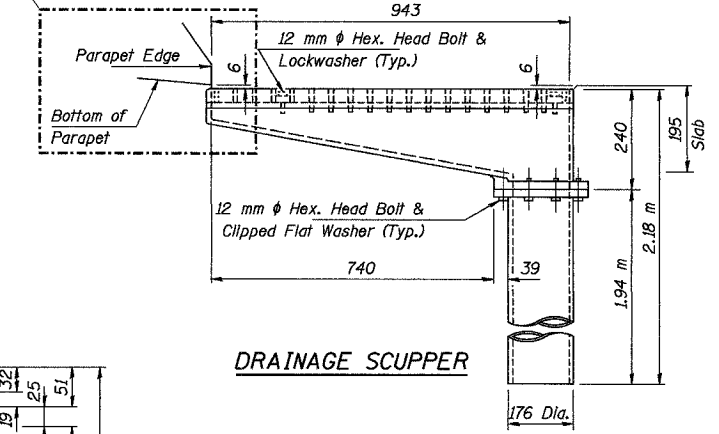
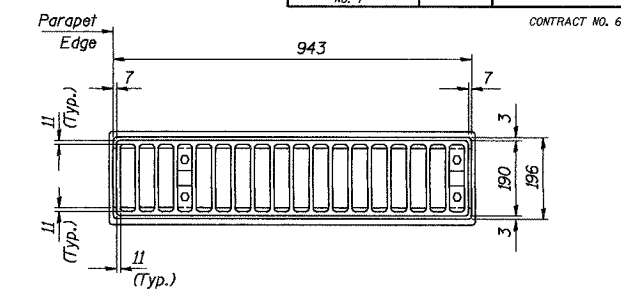
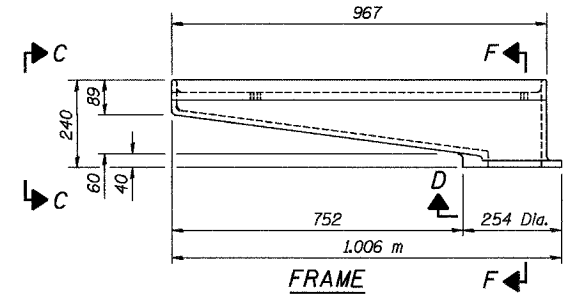
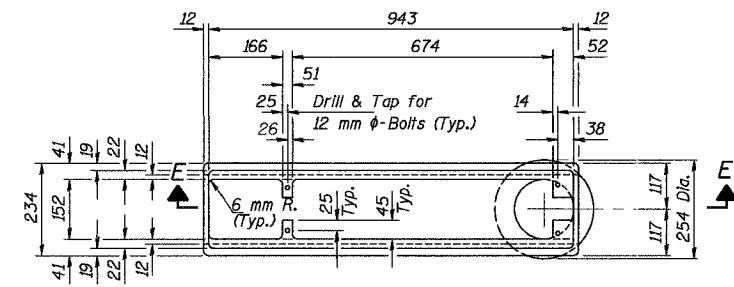
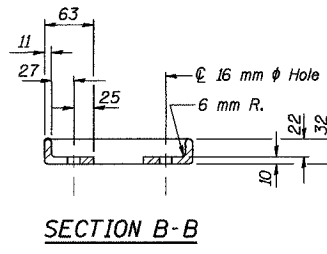
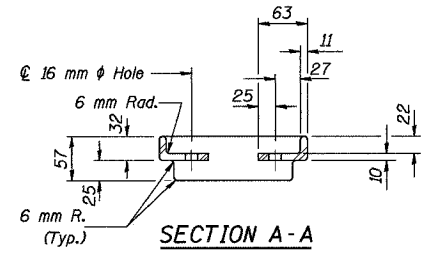
PARSONS TRANSPORTATION GROUP
CHICAGO, ILLINOIS

DRAWING NO.	SCALE	DATE	SHEET NO.
29	N.T.S.	2-21-03	29

Revised MAY 27 2005

Designed by: DL
Checked by: AK
Drafted by: JV
Checked by: AK

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	33	130
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 68200	



BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scupper, Type I	Each	4

REVISION	DATE	DESCRIPTION
1	3/28/05	Drainage Scupper Detail appended

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
DRAINAGE SCUPPER, TYPE I			
RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6 F.A.I. ROUTE 74 SECTION (72-7) R-3 PEORIA COUNTY STA. 10+618.61 (RAMP B-3) STA. 10+472.60 (RAMP B-5) STRUCTURE NUMBER 072-0190			
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS			
DRAWING NO. 33	SCALE N.T.S.	DATE 2-21-03	SHEET NO. 33

Notes: All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 30.
Bolts and washers shall conform to the requirements of ASTM A 307. All bolts and washers shall be galvanized according to AASHTO M 232. As an alternate bolts and washers may be stainless steel.
Cost of the Grate, Frame, Downspout, bolts and washers including complete installation of Scupper will be paid for at the unit bid price each for "DRAINAGE SCUPPER, TYPE I."
The Contractor may use at his option steel drainage scuppers or cast iron drainage scuppers.
All dimensions are in millimeters (mm) except as noted.

Revised MAY 27 2005

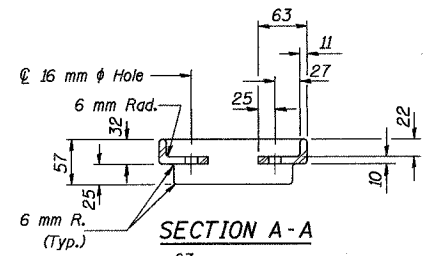
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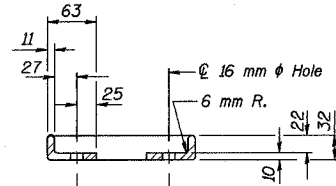
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2-12-02

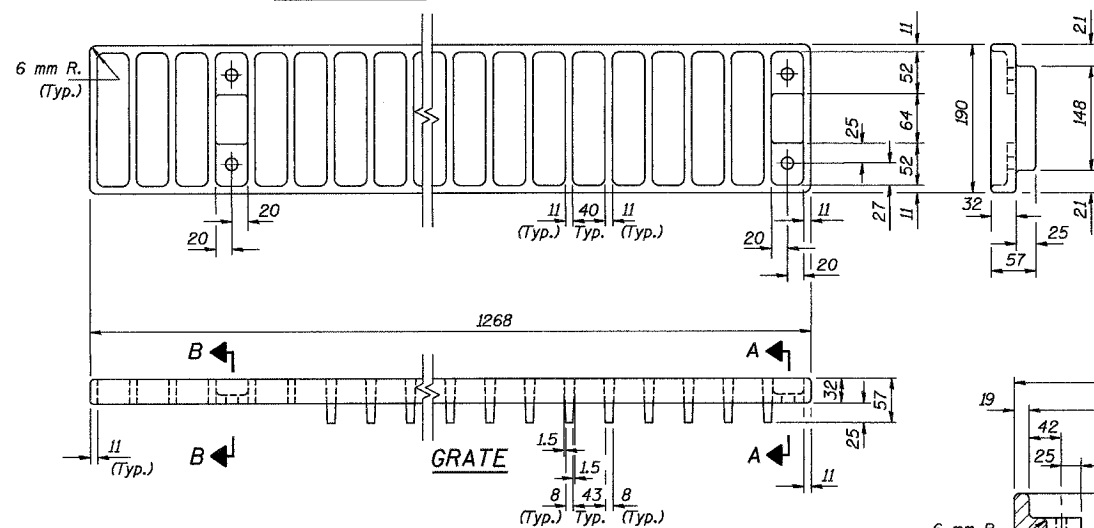
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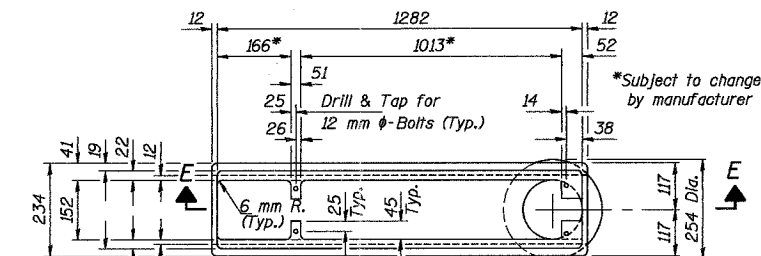
SECTION A-A



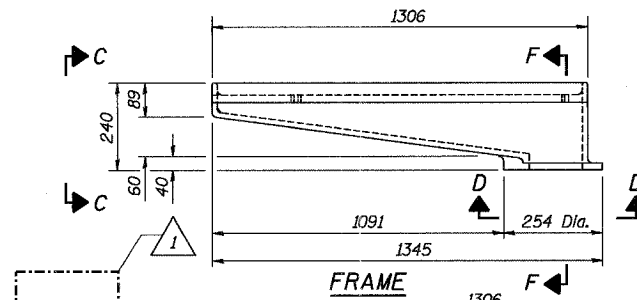
SECTION B-B



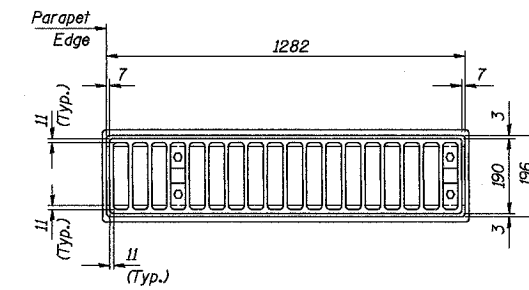
GRATE



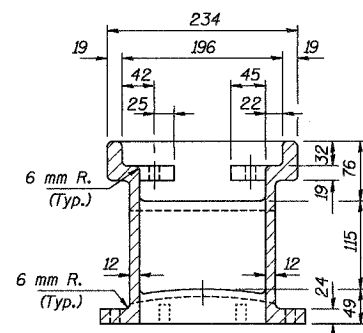
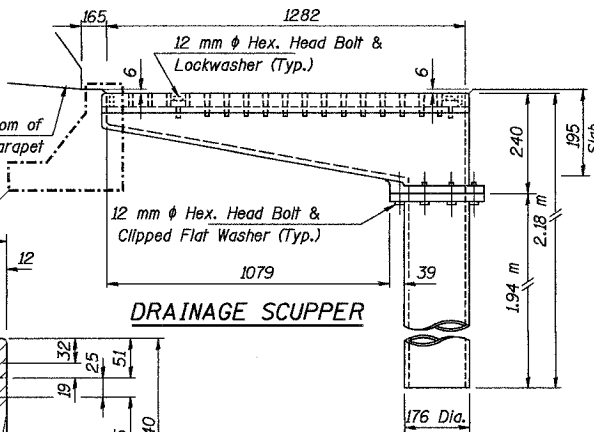
FRAME



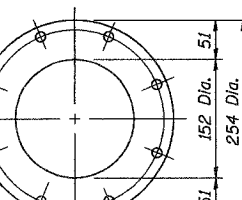
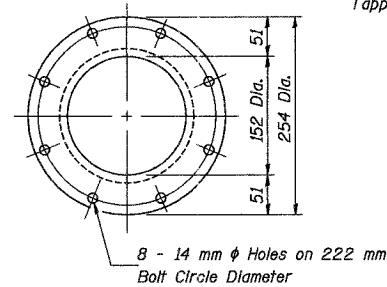
SECTION E-E



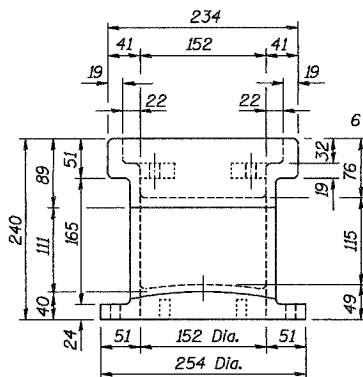
DRAINAGE SCUPPER



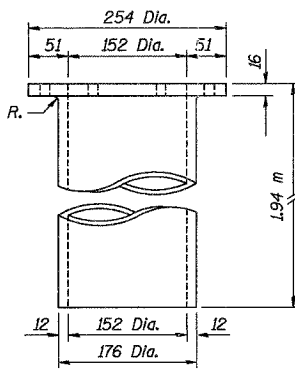
SECTION F-F



VIEW D-D



VIEW C-C



DOWNSPOUT

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Drainage Scuppers Type II	Each	4

Notes:
 All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 30.
 Bolts and washers shall conform to the requirements of ASTM A 307.
 All bolts and washers shall be galvanized according to AASHTO M 232.
 As an alternate bolts and washers may be stainless steel.
 Cost of the Grate, Frame, Downspout, bolts and washers including complete installation of Scupper will be paid for at the unit bid price each for "DRAINAGE SCUPPERS, TYPE 2."
 The Contractor may use at his option steel drainage scuppers or cast iron drainage scuppers.
 All dimensions are in millimeters (mm) except as noted.

REVISION	DATE	DESCRIPTION
1	3/28/05	Section E-E appended, note removed

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DRAINAGE SCUPPER, TYPE II
 RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6
 F.A.I. ROUTE 74 SECTION (72-7) R-3
 PEORIA COUNTY STA. 10+618.61 (RAMP B-3)
 STA. 10+472.60 (RAMP B-5)
 STRUCTURE NUMBER 072-0190
 PARSONS TRANSPORTATION GROUP
 CHICAGO, ILLINOIS

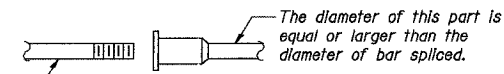
DRAWING NO.	SCALE	DATE	SHEET NO.
34	N.T.S.	2-21-03	34

Revised MAY 27 2005

ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	535	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

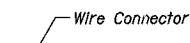
The diameter of this part is the same as the diameter of the bar spliced.



ROLLED THREAD DOWEL BAR



** ONE PIECE



WELDED SECTIONS

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars. Splicer rods shall be of minimum 400 MPa yield strength, threaded or coiled full length. All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity = $1.25 \times 10^{-3} \times f_y \times A_t$
(Tension in kN)
- ② Minimum *Pull-out Strength = $1.25 \times 10^{-3} \times f_{s,allow} \times A_t$
(Tension in kN)

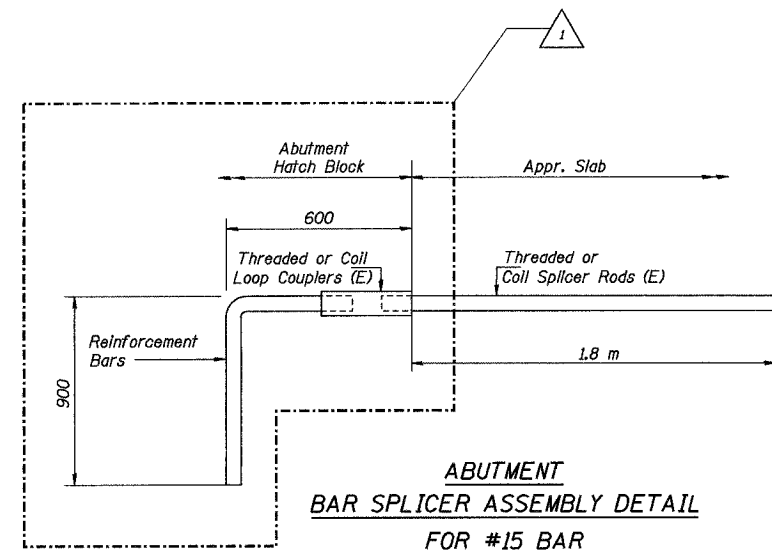
Where f_y = Yield strength of lapped reinforcement bars in MPa.
 $f_{s,allow}$ = Allowable tensile stress in lapped reinforcement bars in MPa (Service Load)
 A_t = Tensile stress area of lapped reinforcement bars (mm^2).
 * = 28 day concrete

BAR SPLICER ASSEMBLY ALTERNATIVES

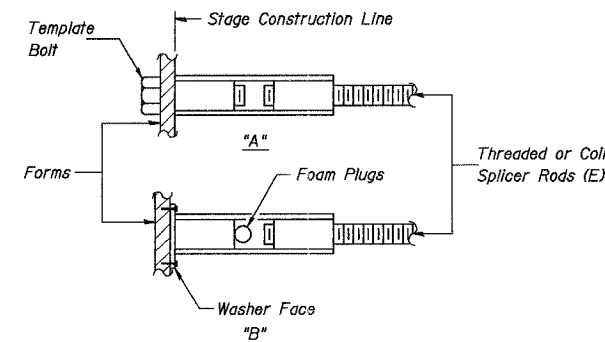
** Heavy Hex Nuts conforming to ASTM A 563M, Grade C, D or DH may be used.

BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kN - tension	Min. Pull-Out Strength kN - tension
#15	610 mm	100	40
#20	790 mm	150	60
#25	1.04 m	250	100
#30	1.37 m	350	140

Bar splicer assemblies shall be according to Section 508 of the Standard Specifications, except as noted. The furnishing and installation of bar splicer assemblies will be measured and paid for at the contract unit price each for "BAR SPLICERS."
 All dimensions are in millimeters (mm) except as noted.



Min. Capacity = 100 kN - tension
Min. Pull-out Strength = 40 kN - tension
No. Required = 84



INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.

1	3/28/05	Assembly Detail appended
REVISION	DATE	DESCRIPTION
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
BAR SPLICER ASSEMBLY DETAILS		
RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6 F.A.I. ROUTE 74 SECTION (72-7) R-3 PEORIA COUNTY STA. 10+618.61 (RAMP B-3) STA. 10+472.60 (RAMP B-5) STRUCTURE NUMBER 072-0190		
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS		
DRAWING NO. 36	SCALE N.T.S.	DATE 2-21-03
		SHEET NO. 36

Revised MAY 27 2005

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
74	(72-7R-3)	PEORIA	699
STA.	TO STA.		
FED. ROAD DISF. NO.	ILLINOIS FED. AID PROJECT		

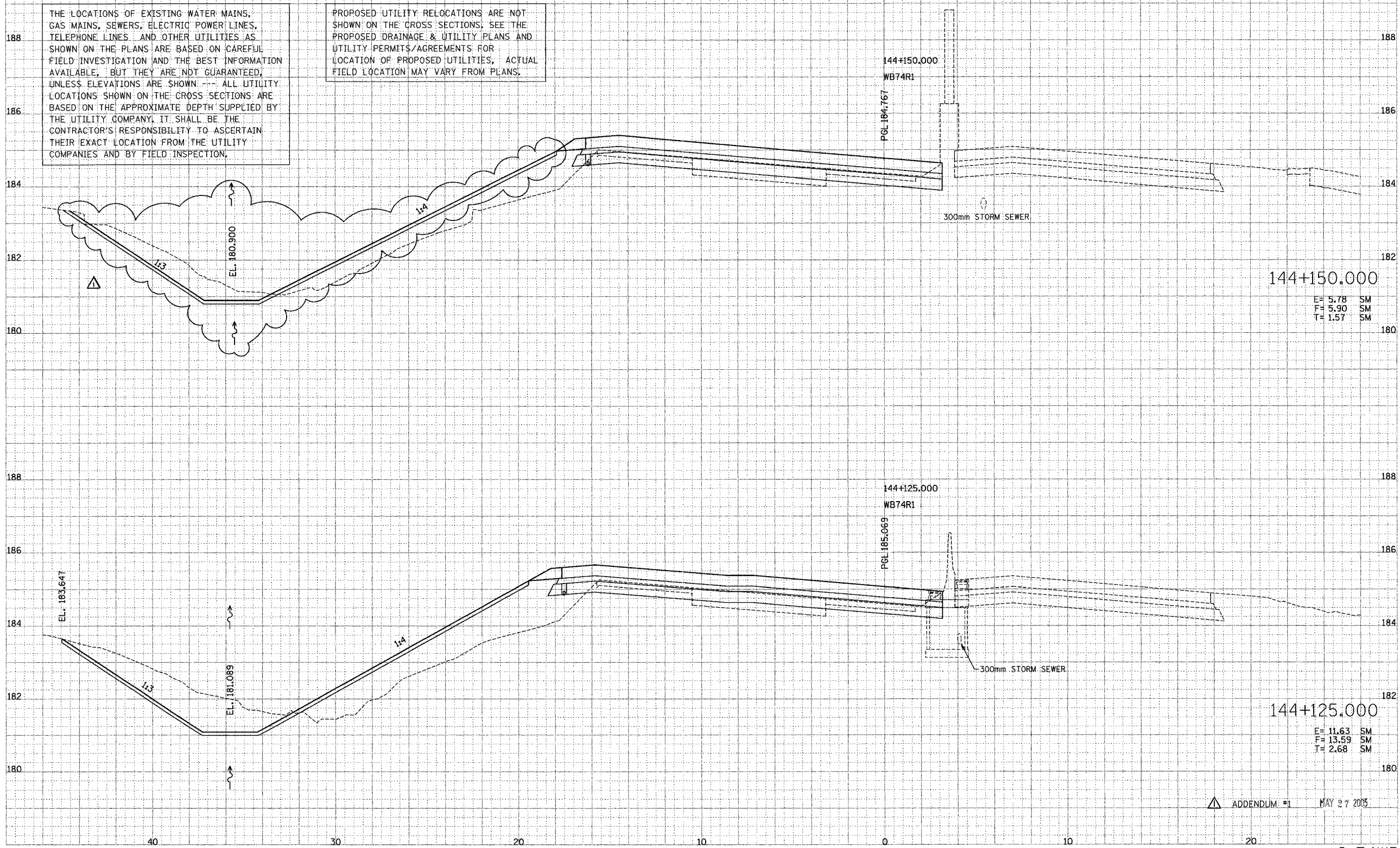
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN. ALL UTILITY LOCATIONS SHOWN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

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

DATE	BY
DATE	BY
DATE	BY

PARSONS TRANSPORTATION GROUP
Engineers and Planners

DATE	BY
DATE	BY
DATE	BY



144+150.000
E= 5.78 SM
F= 5.90 SM
T= 1.57 SM

144+125.000
E= 11.63 SM
F= 13.59 SM
T= 2.68 SM

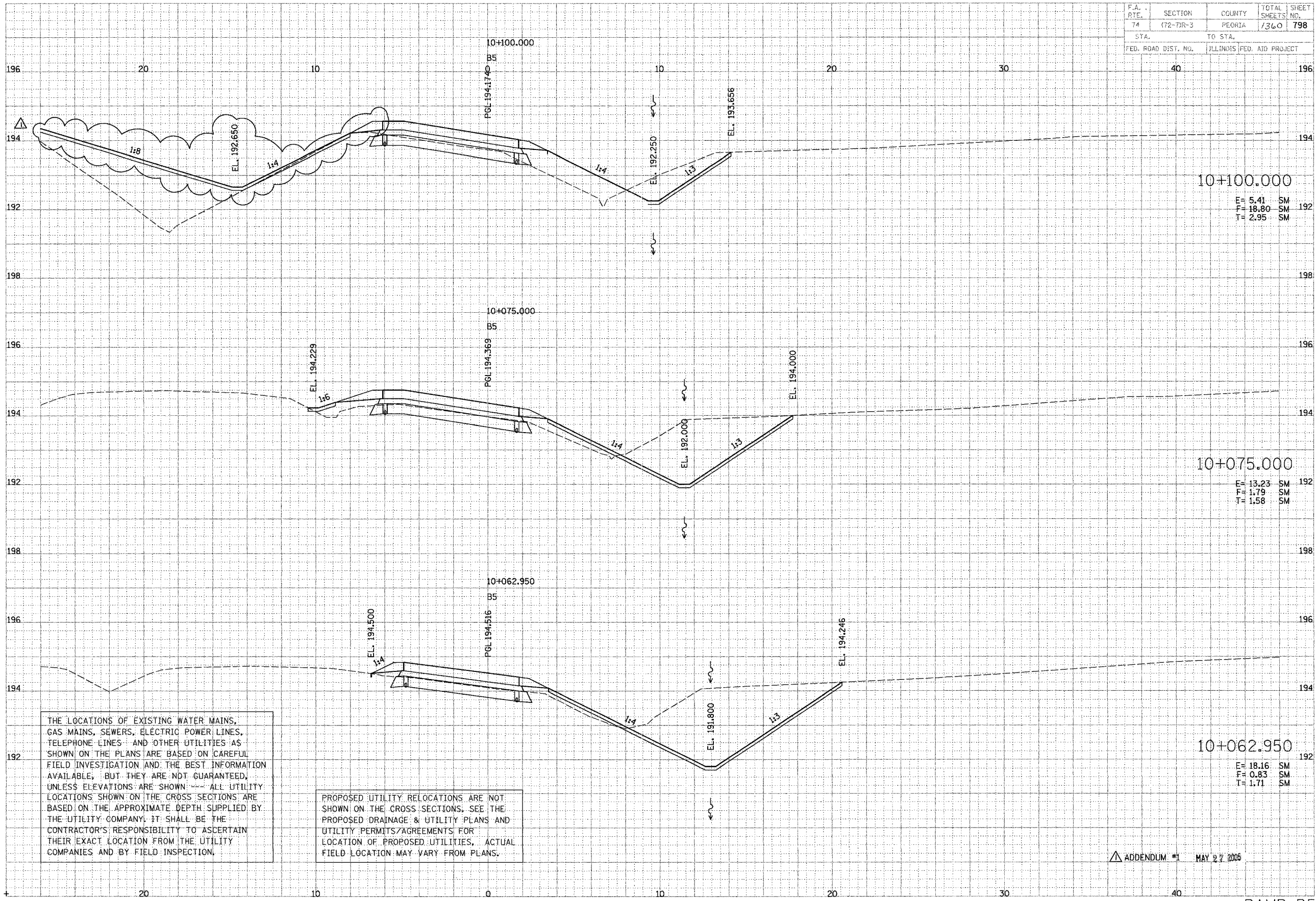
ADDENDUM #1 MAY 27 2005

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-7R-3	PEORIA	7360	798
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY PLOTTED
NOTE BOOK TEMPLATE
DATE: _____ BY: _____

PARSONS TRANSPORTATION GROUP
Engineers and Planners

FINAL SURVEY PLOTTED
NOTE BOOK TEMPLATE
DATE: _____ BY: _____



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

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

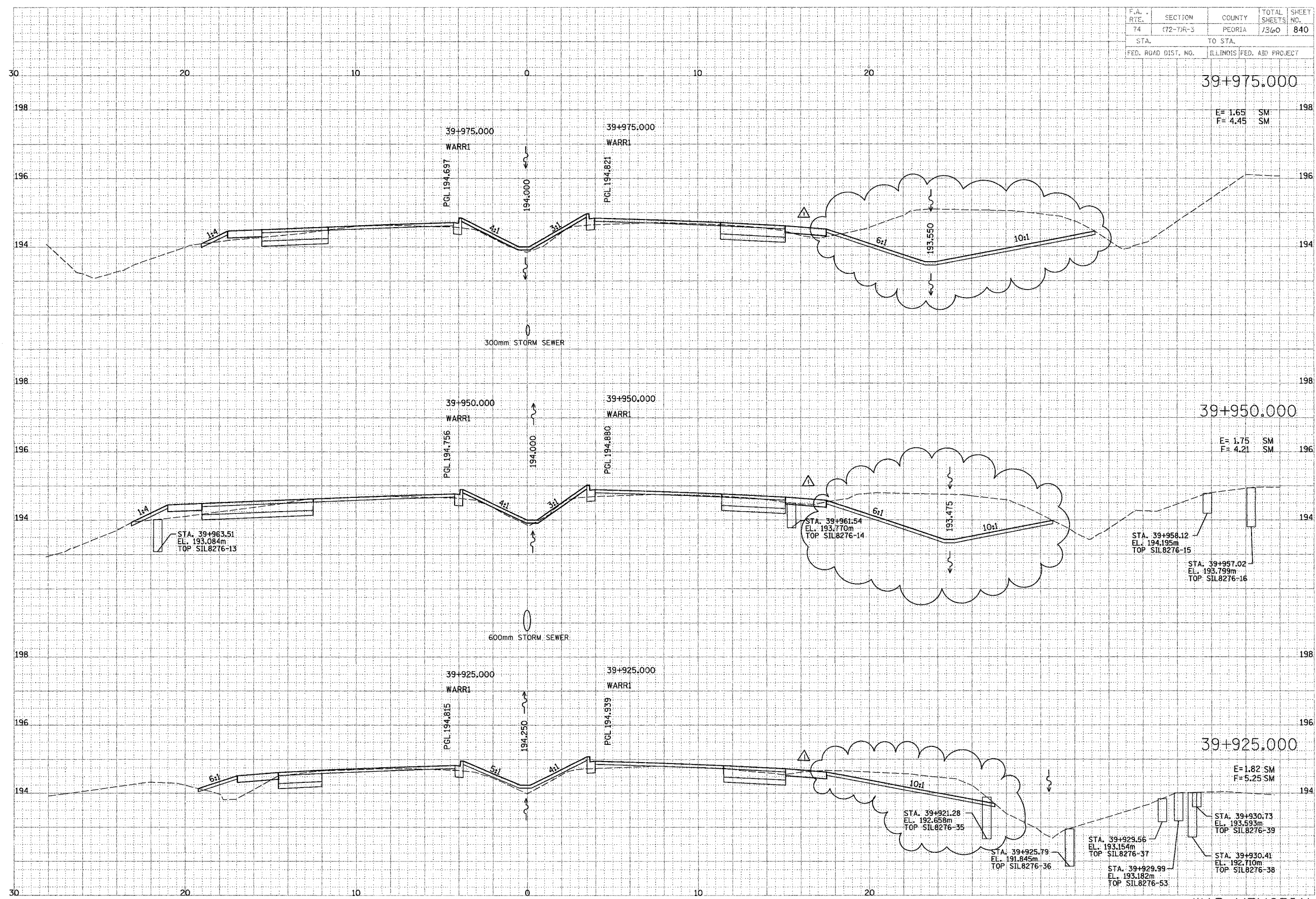
ADDENDUM #1 MAY 27 2005

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72-7R-3	PEORIA	1360	840
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY

ENGINEERING
 TRANSPORTATION DESIGN
 Engineers and Planners

DATE	BY
DATE	BY
DATE	BY



F.A. RTE.	SECTION	COUNTY	TOTAL SHEET
74	(72-7R-3)	PEORIA	SHEETS NO.
STA.	TO STA.		7360 842
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

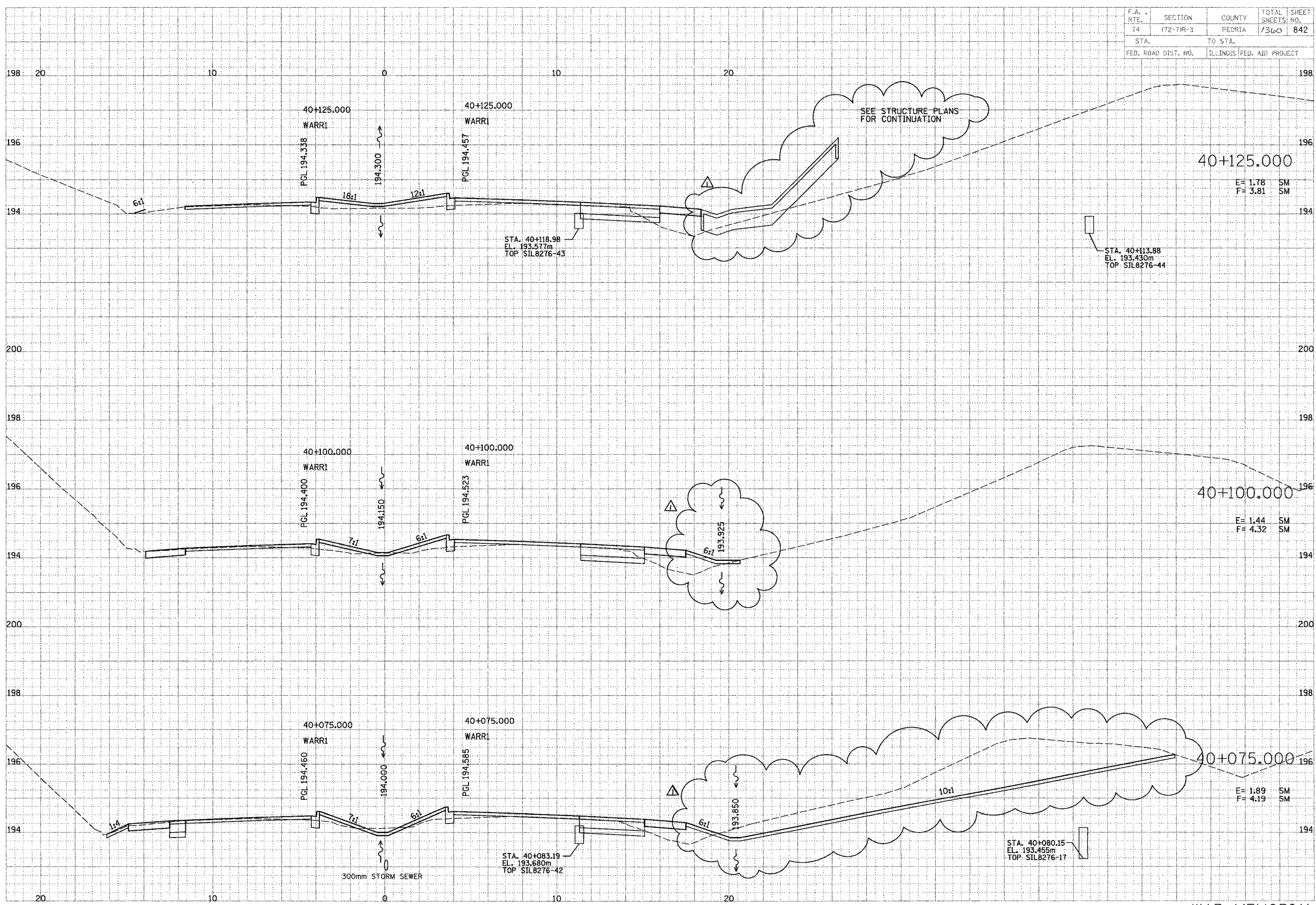
FINAL
SURVEY
NOTE BOOK
NO. _____

DATE
BY

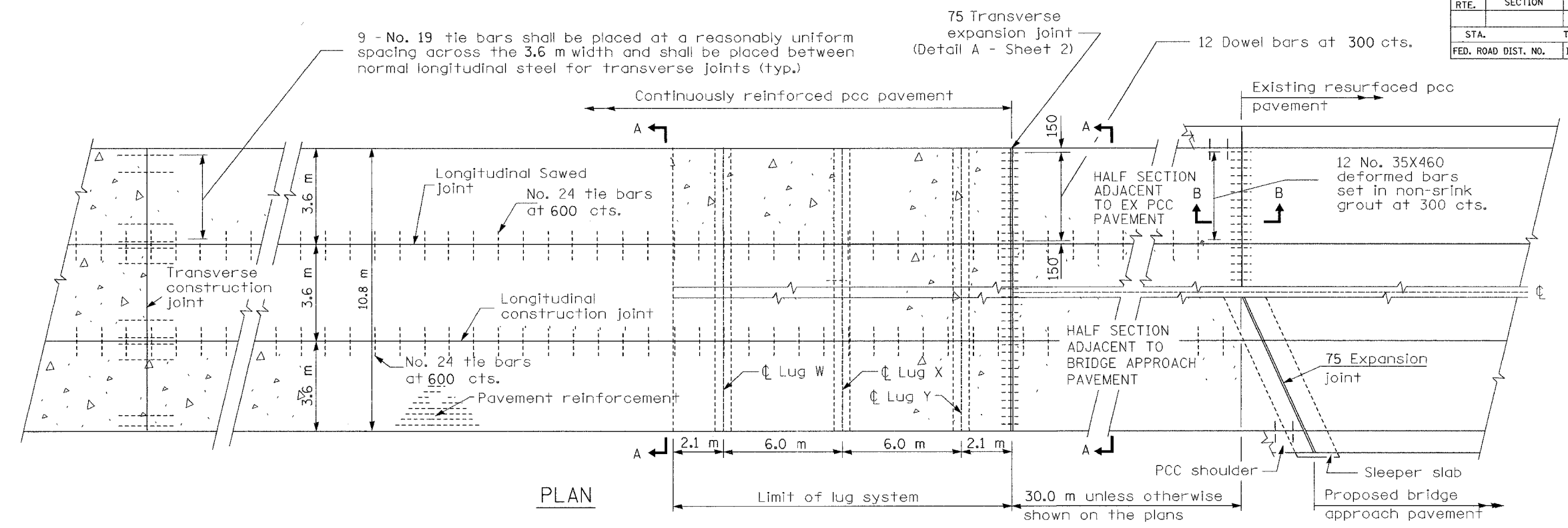
WARREN
TRANSPORTATION GROUP
Engineers and Planners

ORIGINAL
SURVEY
NOTE BOOK
NO. _____

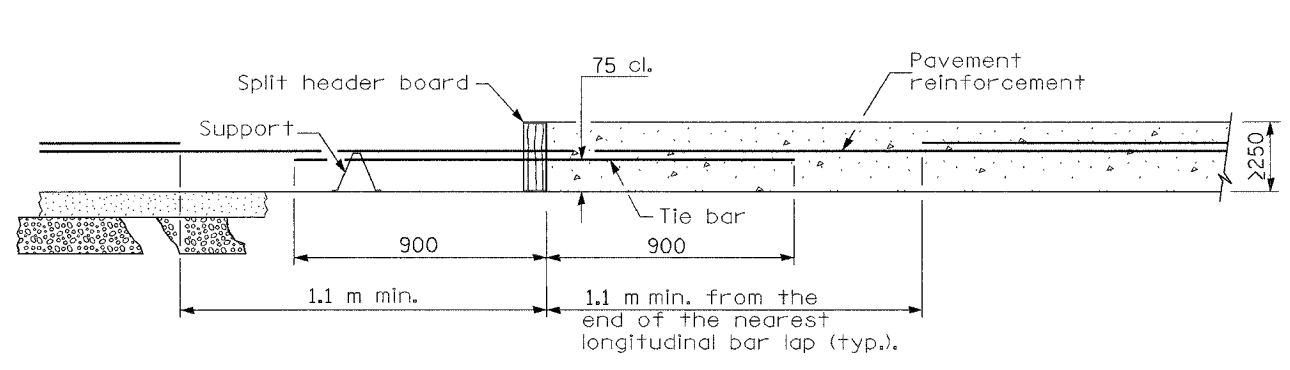
DATE
BY



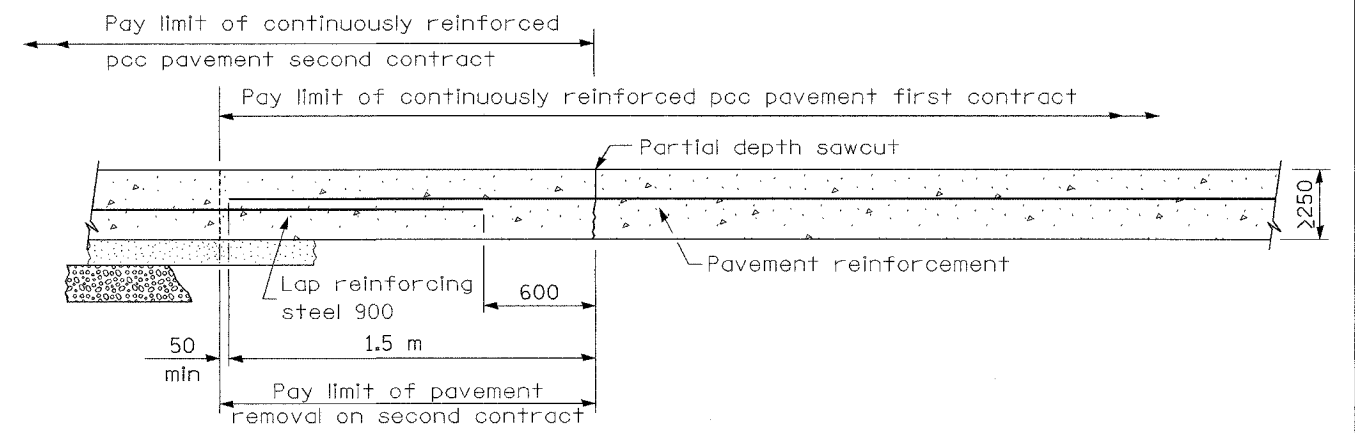
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	857A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



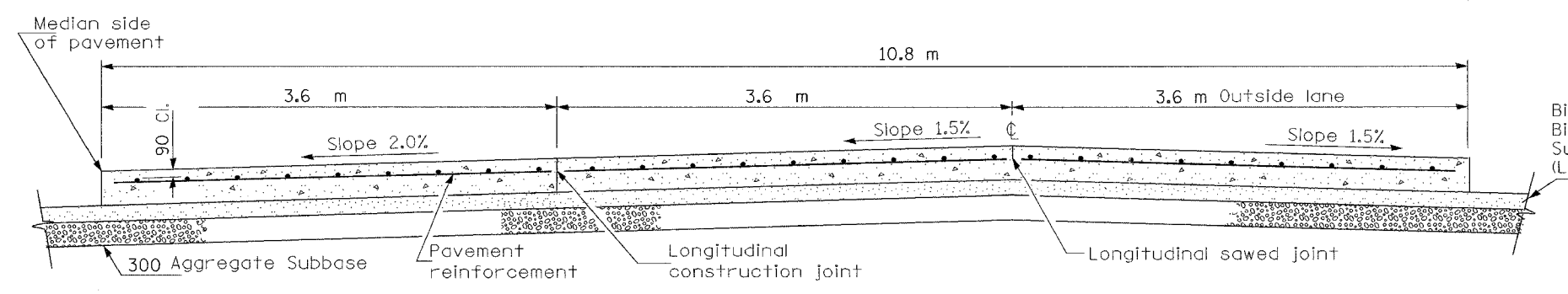
PLAN



TRANSVERSE CONSTRUCTION JOINT
(Pavement Constructed in the Same Contract)



TRANSVERSE TERMINAL JOINT
(Continuation of a Pavement Constructed in a Previous Contract)



SECTION A-A
(TYPICAL 3-LANE, 1-WAY WITH SHOULDERS)

GENERAL NOTES

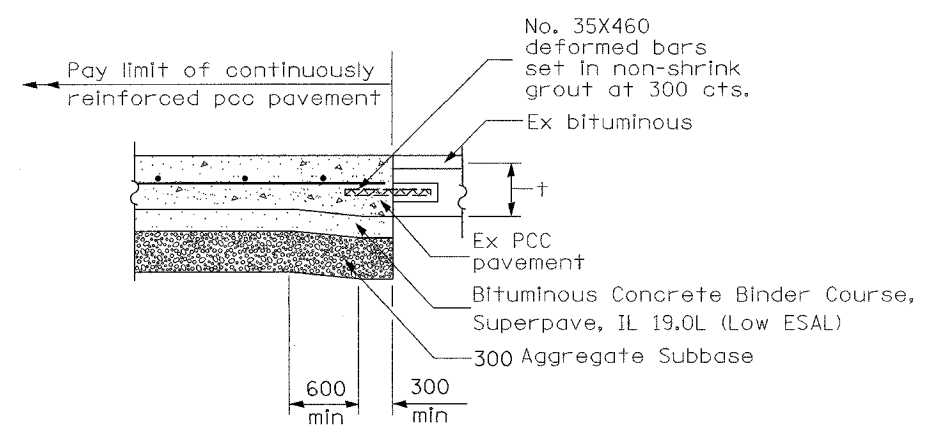
See Project Standard 421001-I74 for details of I-74 pavement reinforcement.
Detail of joints as shown on Standard 420001 except as otherwise shown herein.
All dimensions are in millimeters unless otherwise shown.

REVISIONS	
NAME	DATE
INC. COMMENTS	3/7/02
REM. ENGL.	3/22/02
H.S. 2004	9/30/03
NOTE - 30M	10/6/03
SEC B-B & TERM JT	11/4/04

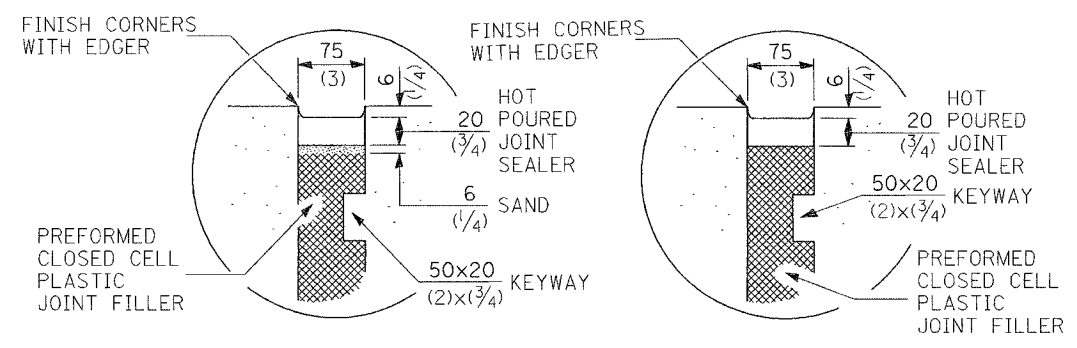
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-74 PROJECT STANDARD 421206-I74
10.8 m
CRC PAVEMENT
(WITH LUG SYSTEM) (Sheet 1 of 2)
DRAWN BY
DATE 09/21/01
CHECKED BY

REVISED SHEET
MAY 27 2005

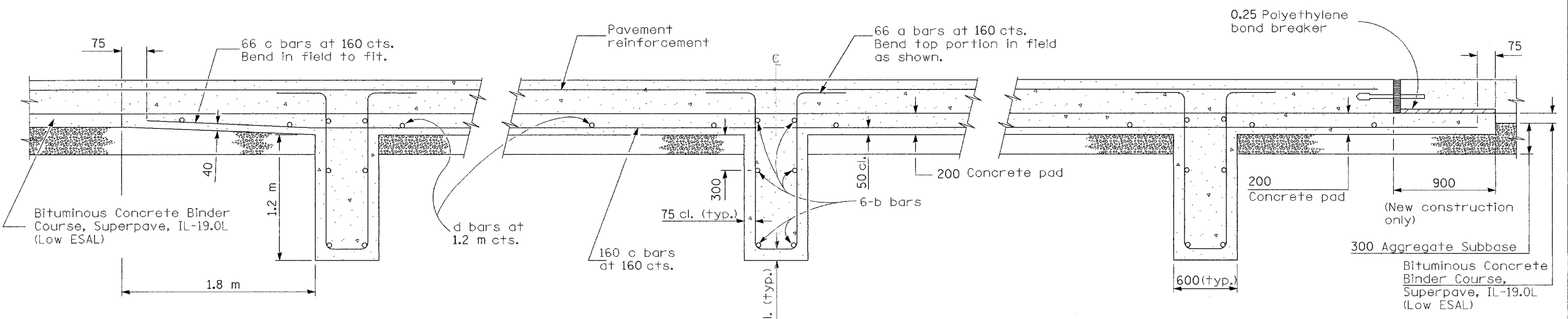
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	857B
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SECTION B-B
(Showing reinforcement)



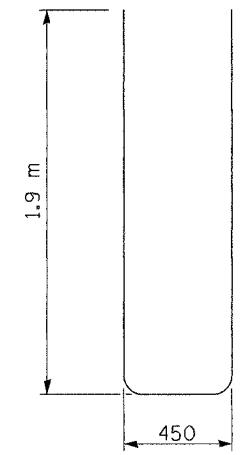
DETAIL A
SEALING DETAIL



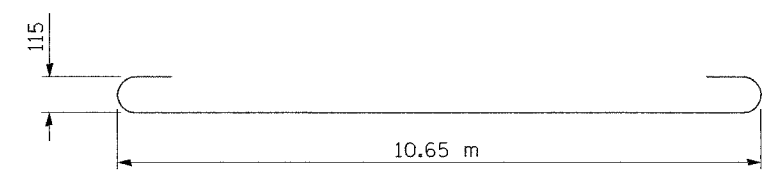
SECTION AT LUG W

SECTION AT LUG X

SECTION AT LUG Y



BAR a



BAR b

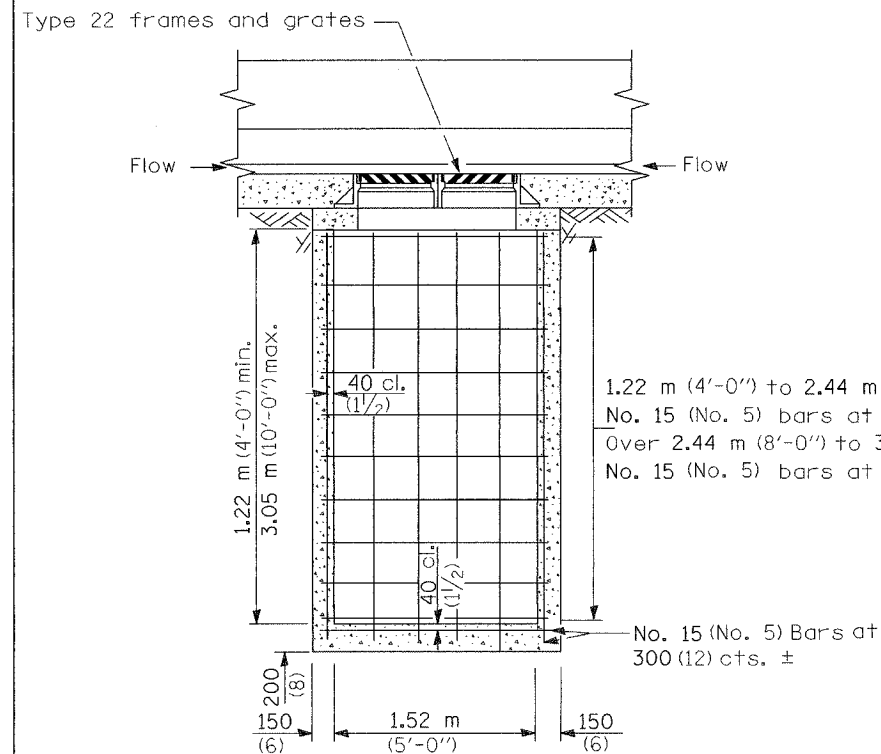
MATERIALS REQUIRED FOR (1) ONE LUG SYSTEM				
(Excluding Pavement Concrete and Pavement Reinforcement)				
Bar	No.	Size	Length	Shape
a	198	No. 25	4.25 m	
b	18	No. 16	11.30 m	
c	198	No. 16	6.10 m	
d	42	No. 13	3.52 m	
Concrete, m ³			23.3	
Reinforcing Bars, kg			5695	
Concrete Pad, m ²			155.5	
Aggregate Subbase, m ²			168.5	

All dimensions are in millimeters unless otherwise shown.

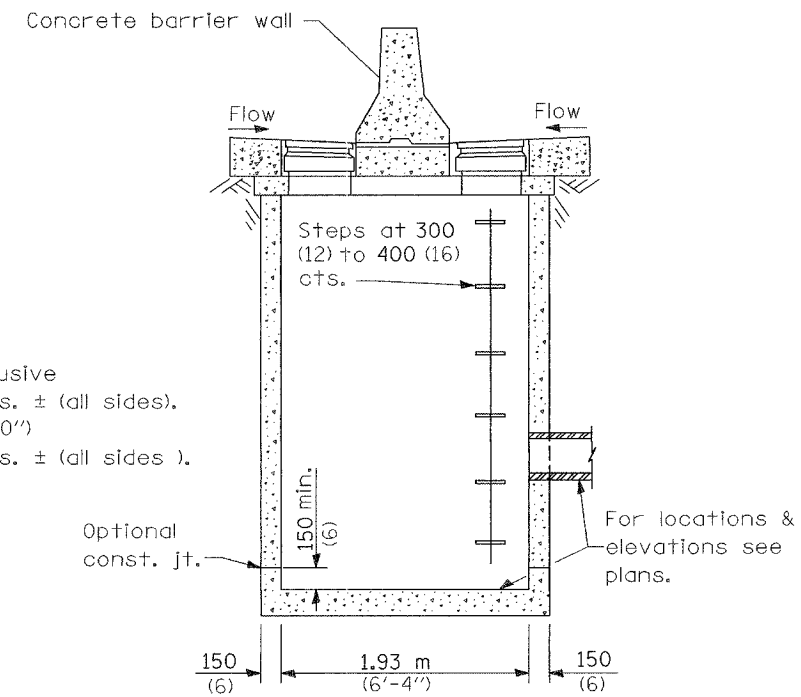
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION I-74 PROJECT STANDARD 421206-174 10.8 m CRC PAVEMENT (WITH LUG SYSTEM) (Sheet 2 of 2) DRAWN BY CHECKED BY
NAME	DATE	
INC. COMMENTS	3/7/02	DATE 09/21/01
REM. ENGL.	3/22/02	
H.S. 2004	9/30/03	
NOTE - 30M	10/6/03	
REV & ADD SEC B-B	11/4/04	

REVISED SHEET MAY 27 2005

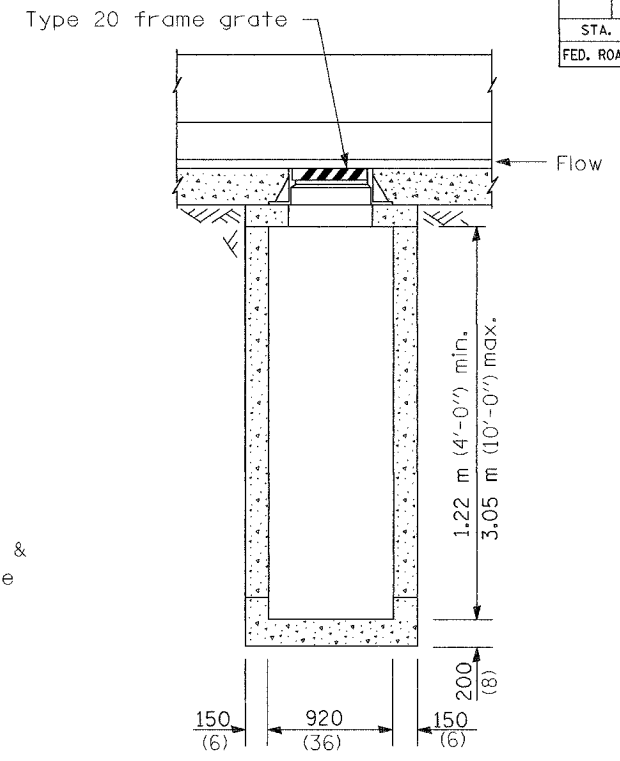
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	859A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



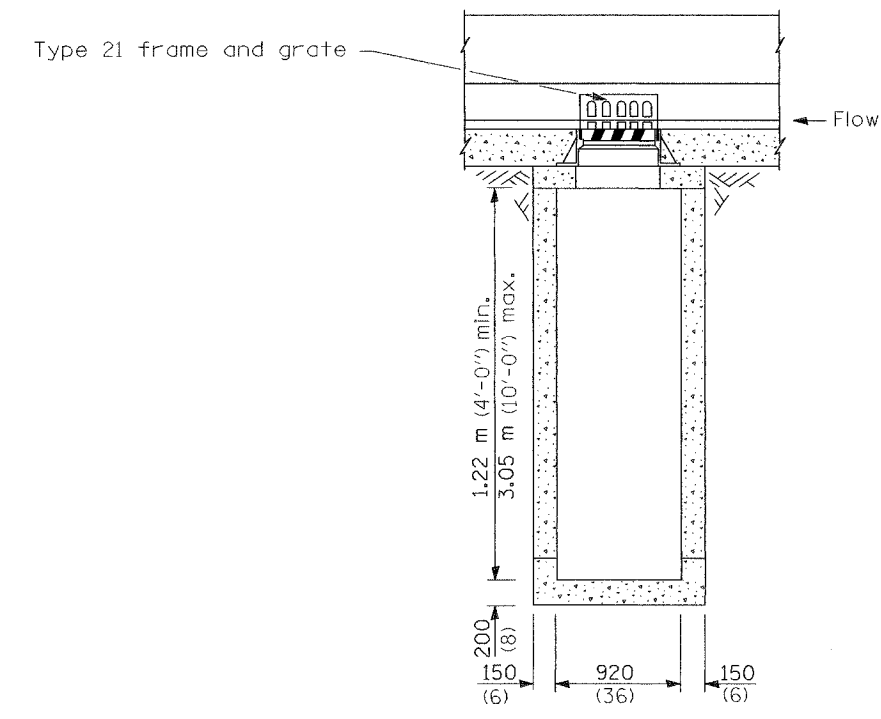
FRONT ELEVATION - TYPE 2



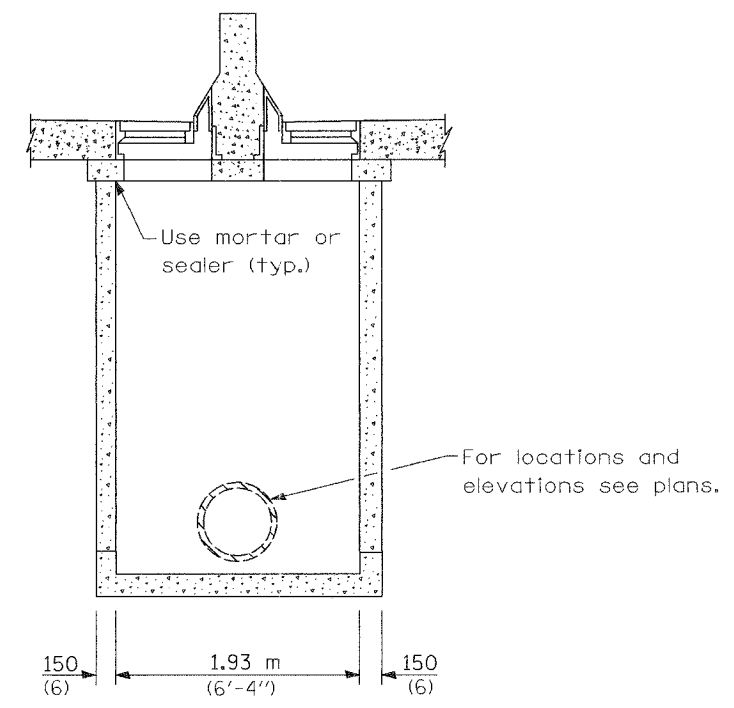
SIDE ELEVATION - TYPE 1 & 2



FRONT ELEVATION - TYPE 1



FRONT ELEVATION - TYPE 3



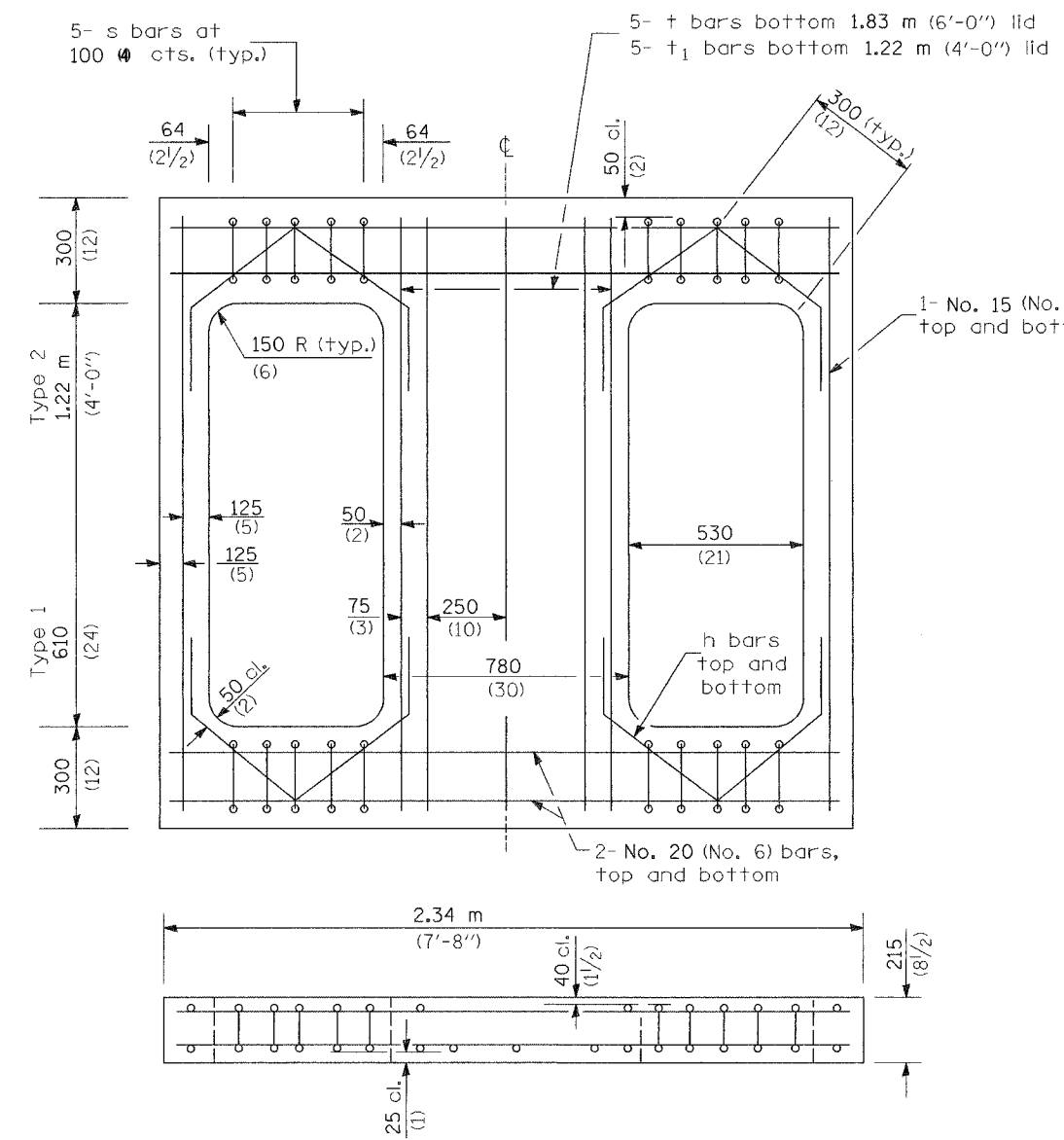
SIDE ELEVATION - TYPE 3

GENERAL NOTES

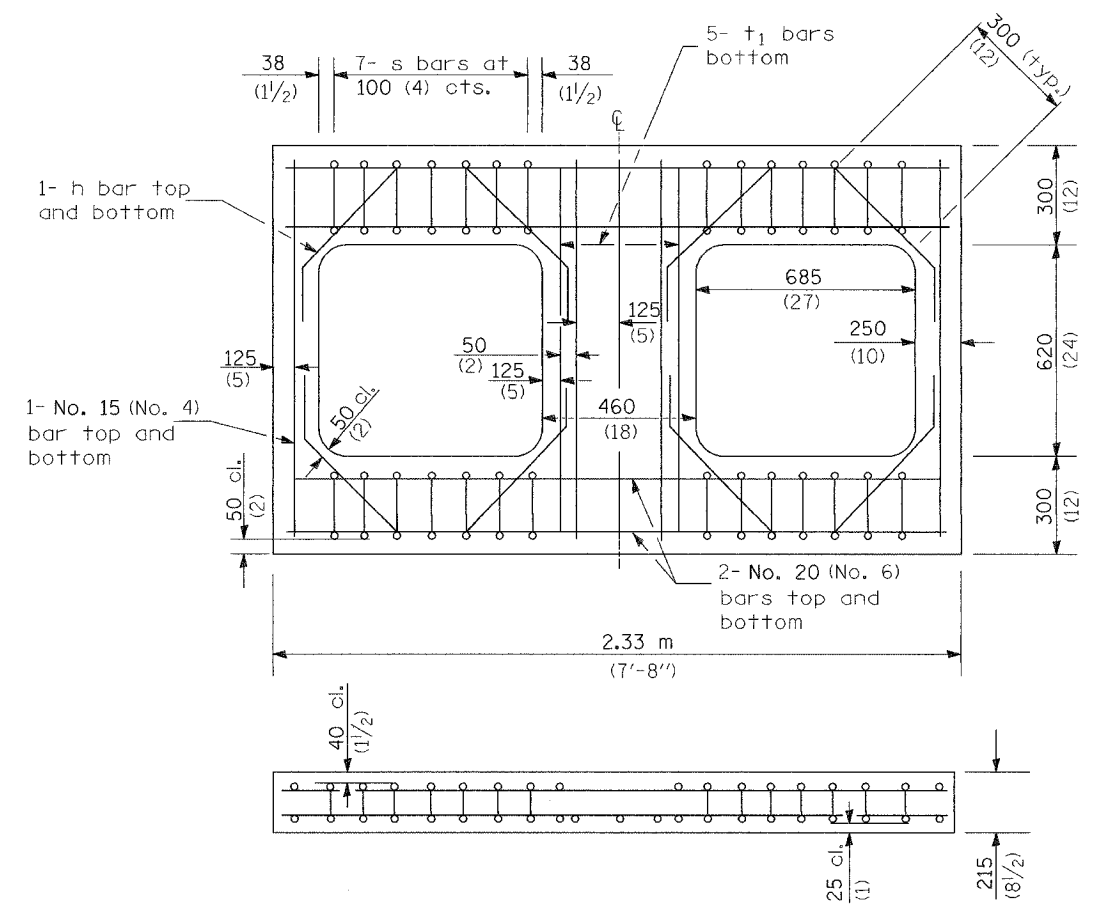
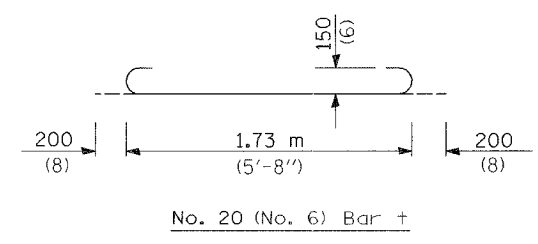
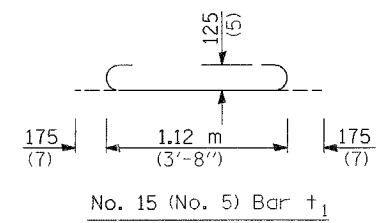
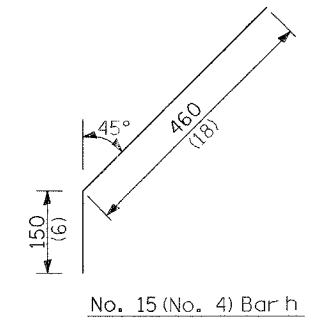
The reinforcement shown in the front elevation of the type 2 is typical for both elevations of all types.
 See Standard 602701 for details of steps.
 Exposed edges shall be beveled 19 mm (3/4").
 All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION 2005-74 PROJECT STANDARD 602102-I74 DRAINAGE STRUCTURES TYPES 1, 2 & 3 (Sheet 1 of 2) DATE 3/31/04
NAME	DATE	
REVISION SHEET	MAY 27 2005	DRAWN BY CHECKED BY

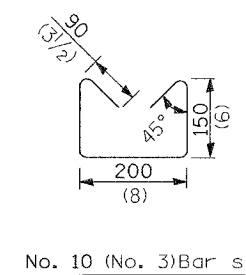
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	8593
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REINFORCED LID - TYPE 1 & 2



REINFORCED LID - TYPE 3

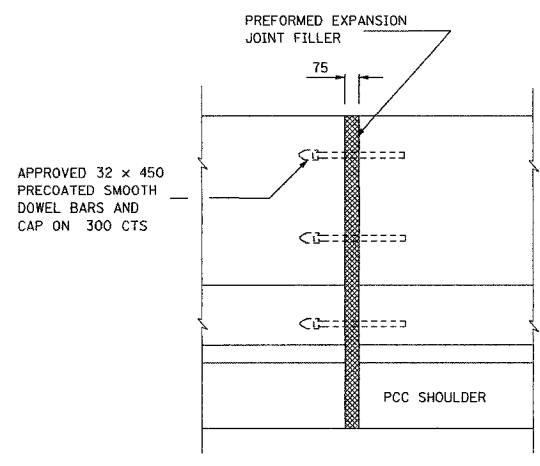


All dimensions are in millimeters (Inches) unless otherwise shown.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION I-74 PROJECT STANDARD 602102-I74 DRAINAGE STRUCTURES TYPES 1, 2 & 3 (Sheet 2 of 2) DATE 3/31/04
NAME	DATE	
REVISED		DRAWN BY CHECKED BY
SHEET	MAY 27 2005	

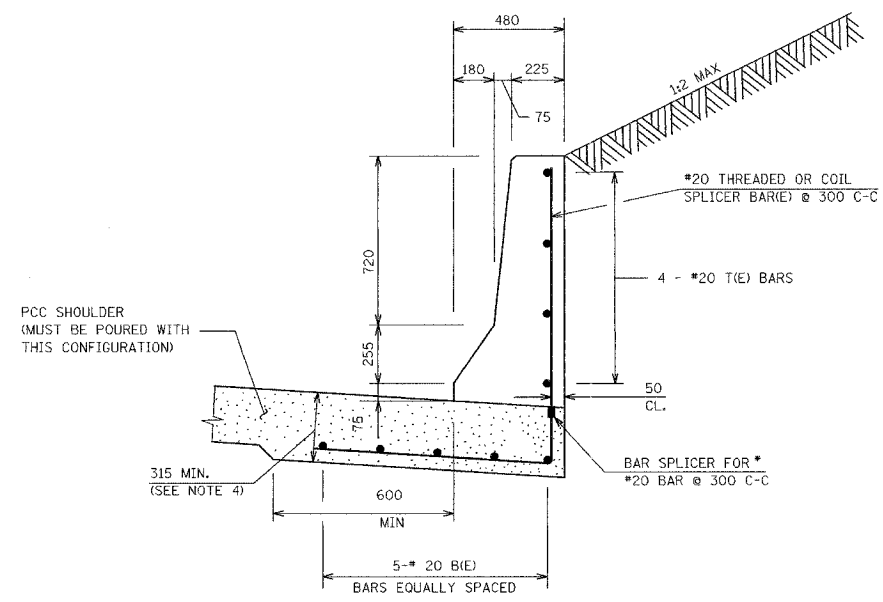
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1360	860A
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* THE BAR SPLICER SHALL BE CAPABLE OF DEVELOPING A MINIMUM OF 125% OF THE YIELD STRENGTH OF A #20 BAR

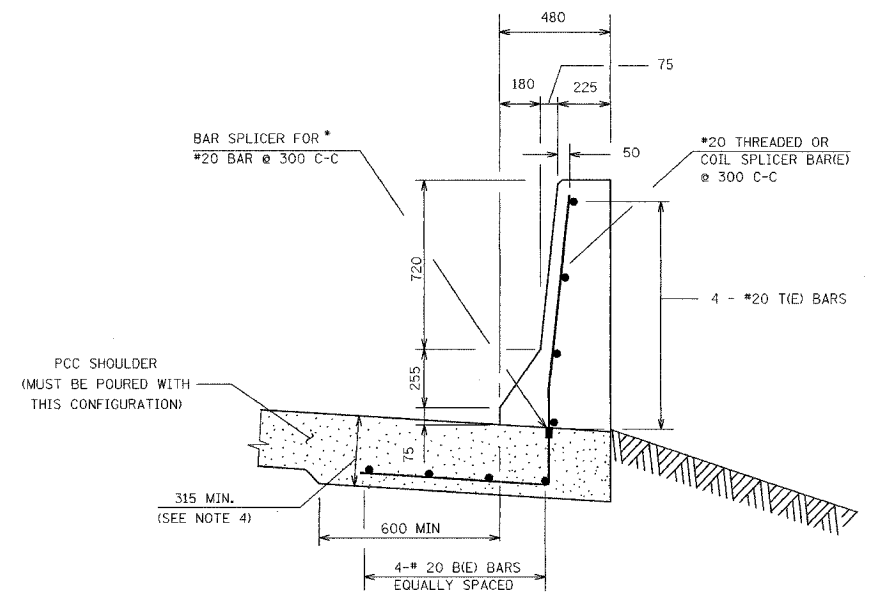


EXPANSION JOINT

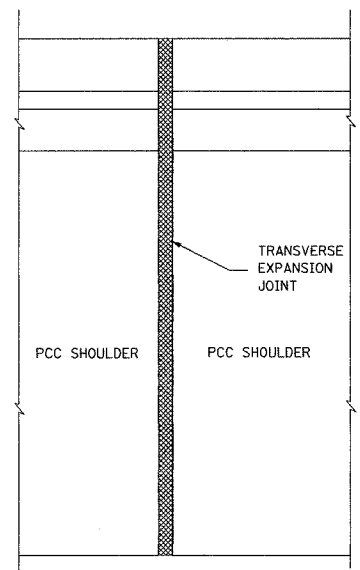
APPROVED 32 x 450 PRECOATED SMOOTH DOWEL BARS AND CAP ON 300 CTS



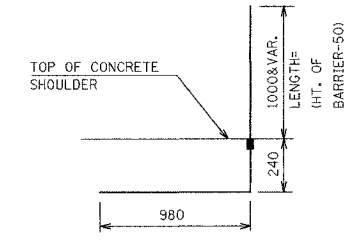
CONCRETE BARRIER, SINGLE FACE (MODIFIED)
CUT SECTION



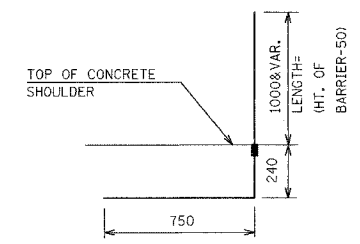
CONCRETE BARRIER, SINGLE FACE (MODIFIED)
FILL SECTION



PLAN



BAR SPLICER DETAIL
CUT SECTION



BAR SPLICER DETAIL
FILL SECTION

CUT SECTION

REINFORCING BARS 6.1 m SECTION				
BAR	NO.	SIZE	LENGTH	SHAPE
B(E)	5	#20	6.00 m	—
T(E)	4	#20	6.00 m	—
REINFORCING BARS (EPOXY COATED)			Kg	128
BAR SPLICERS			EACH	21

** LONGITUDINAL BARS SHOULD NOT EXTEND THROUGH JOINTS.

FILL SECTION

REINFORCING BARS 6.1 m SECTION				
BAR	NO.	SIZE	LENGTH	SHAPE
B(E)	4	#20	6.00 m	—
T(E)	4	#20	6.00 m	—
REINFORCING BARS (EPOXY COATED)			Kg	114
BAR SPLICERS			EACH	21

** LONGITUDINAL BARS SHOULD NOT EXTEND THROUGH JOINTS.

NOTES:

- FOR ADDITIONAL SHOULDER DETAILS SEE I-74 PROJECT STDS 483001-I74 AND 601001-I74
- A 25 RADIUS CAN BE SUBSTITUTED FOR THE 13 CHAMFER AT THE TOP OF THE BARRIER WALL.
- THE FURNISHING AND PLACING OF REINFORCING BARS AND BAR SPLICERS AND THE THICKENED PCC SHOULDER WHEN REQUIRED SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE SPECIFIED.
- ALL REINFORCING BARS, BAR SPLICERS, TIE BARS AND DOWEL BARS SHALL BE SEATED IN THE FINAL POSITION PRIOR TO THE CONCRETE OPERATIONS. BARS CANNOT BE MUCKED INTO PLACE.
- TRANSVERSE EXPANSION JOINT THRU THE PAVEMENT AND THE SHOULDER SHALL BE EXTENDED THRU THE CONCRETE BARRIER.

ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
EXPANSION JOINT	10/7/03
REVISED SHEET	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-74 PROJECT STANDARD 637002-I74
CONCRETE BARRIER,
SINGLE FACE (MODIFIED)

DRAWN BY
DATE 08/15/02
CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	2360	882
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

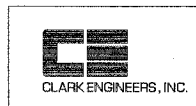
SET #2 BILL OF MATERIALS
FOR INFORMATION ONLY

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	URBAN														
				ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTERCONNECT Y031-1F	TRAFFIC SIGNALS (6) Y031-1F	TRAFFIC SIGNALS (7) Y031-1F	TRAFFIC SIGNALS (8) Y031-1F	
28000300	TEMPORARY DITCH CHECKS	EACH	47		47													
28000500	INLET AND PIPE PROTECTION	EACH	28		28													
28000510	INLET FILTER	EACH	53		53													
50104400	CONCRETE HEADWALL REMOVAL	EACH	1		1													
51500100	NAME PLATES	EACH	3						1	2								
60100600	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	20		20													
60246605	MEDIAN INLET (604101)	EACH	1		1													
60246805	MEDIAN INLET (604106)	EACH	1		1													
60247132	DRAINAGE STRUCTURES, TYPE 1A WITH ONE TYPE 20 FRAME AND GRATE	EACH	3		3													
60258100	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1		1													
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1		1													
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4													
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4		4													
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	2		2													
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2		2													
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	384		384													
78200410	GUARDRAIL MARKERS, TYPE A	EACH	37		37													
78200500	BARRIER WALL MARKERS	EACH	8		8													
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4													
M2010110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	151		151													
M2010210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	310		310													
M2010500	TREE REMOVAL, HECTARES	HA	0.9		0.9													
M2020010	EARTH EXCAVATION	CU M	31,470		31,470													
M2021200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	120		120													
M2080250	TRENCH BACKFILL, SPECIAL	CU M	223		223													
M2101000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ M	33,159.5		33,159.5													
M2113100	TOPSOIL FURNISH AND PLACE, 100MM	SQ M	30,420		30,420													
M2500210	SEEDING, CLASS 2A	HA	3.0		3.0													
M2500300	SEEDING, CLASS 3	HA	0.5		0.5													
M2500350	SEEDING, CLASS 7	HA	3.4		3.4													
M2500400	NITROGEN FERTILIZER NUTRIENT	KG	342.9		342.9													
M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	342.9		342.9													
M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	342.9		342.9													
M2510125	MULCH, METHOD 3	HA	3.0		3.0													
M2510630	EROSION CONTROL BLANKET	SQ M	4,196.9		4,196.9													

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

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

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005



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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-74R-3)	PEORIA	136	883
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SET #2 BILL OF MATERIALS
FOR INFORMATION ONLY

001 90% FED 10% STATE		010 80% FED 20% STATE		001 90% FED 10% STATE		90% FED 5% STATE 5% CITY		90% FED 10% CITY	
URBAN									
CONSTRUCTION TYPE CODE									

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTERCONNECT Y031-1F	TRAFFIC SIGNALS (6) Y031-1F	TRAFFIC SIGNALS (7) Y031-1F	TRAFFIC SIGNALS (8) Y031-1F	
M2800250	TEMPORARY EROSION CONTROL SEEDING	KG	1,026.3		1,026.3													
M2800400	PERIMETER EROSION BARRIER	METER	945		945													
M2810107	STONE RIPRAP, CLASS A4	SQ M	86		86													
M2820100	FILTER FABRIC FOR USE WITH RIPRAP	SQ M	2,175		2,175													
M2850300	ARTICULATED BLOCK MAT	SQ M	2,089		2,089													
M3110010	SUB-BASE GRANULAR MATERIAL, TYPE A	M TON	2		2													
M4060200	BITUMINOUS MATERIALS (PRIME COAT)	M TON	68.1		68.1													
M4202255	PORTLAND CEMENT CONCRETE PAVEMENT 250MM (JOINTED)	SQ M	3,052		3,052													
M4205200	PROTECTIVE COAT	SQ M	34,354		34,354													
M4210290	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 290MM	SQ M	19,574		19,574													
M4214290	PAVEMENT REINFORCEMENT 290MM	SQ M	19,574		19,574													
M4402000	PAVEMENT REMOVAL	SQ M	28,144		28,144													
M4402040	COMBINATION CURB AND GUTTER REMOVAL	METER	92		92													
M4402530	PAVED SHOULDER REMOVAL	SQ M	1,147		1,147													
M4405000	PAVED DITCH REMOVAL	METER	257		257													
M4812000	AGGREGATE SHOULDERS, TYPE B	M TON	508		508													
M4830200	PORTLAND CEMENT CONCRETE SHOULDERS - 200MM	SQ M	5		5													
M4830250	PORTLAND CEMENT CONCRETE SHOULDERS - 250MM	SQ M	1,454		1,454													
M4830290	PORTLAND CEMENT CONCRETE SHOULDERS - 290MM	SQ M	10,043		10,043													
M5010240	CONCRETE REMOVAL	CU M	698.9						698.6	0.3								
M5020100	STRUCTURE EXCAVATION	CU M	8,476							8,476								
M5030350	CONCRETE STRUCTURES	CU M	222.9							222.9								
M5030360	CONCRETE SUPERSTRUCTURE	CU M	67.8							67.8								
M5080105	REINFORCEMENT BARS	KG	152,060						151,950	110								
M5080205	REINFORCEMENT BARS, EPOXY COATED	KG	26,210		30				790	25,390								
M5110100	SLOPE WALL 100MM	SQ M	450		450													
M5403000	CONCRETE BOX CULVERTS	CU M	1,541.7						1,541.7									
M5403220	EXPANSION BOLTS M20	EACH	208						208									
M5429910	CONCRETE COLLAR	CU M	1.0		1.0													
M542E128	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 600MM	EACH	1		1													
M542E152	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 1200MM	EACH	1		1													
M5500430	STORM SEWERS, CLASS A, TYPE 2 300MM	METER	65.0		65.0													
M5500465	STORM SEWERS, CLASS A, TYPE 2 600MM	METER	18.0		18.0													
M5500485	STORM SEWERS, CLASS A, TYPE 2 900MM	METER	4.5		4.5													

* SPECIALTY ITEMS
+ FUND CODE SFTY-3N
++ FUND CODE Y0B0
+++ FUND CODE SFTY-3C
Δ NON PARTICIPATING

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

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005



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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	884
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SET #2 BILL OF MATERIALS
FOR INFORMATION ONLY

URBAN										90% FED 10% STATE		90% FED 20% STATE		90% FED 5% STATE 5% CITY		90% FED 10% CITY	
CONSTRUCTION TYPE CODE																	

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTERCONNECT Y031-1F	TRAFFIC SIGNALS (6) Y031-1F	TRAFFIC SIGNALS (7) Y031-1F	TRAFFIC SIGNALS (8) Y031-1F
M5500830	STORM SEWERS, CLASS A, TYPE 3 300MM	METER	23.5		23.5												
M5500900	STORM SEWERS, CLASS A, TYPE 3 1200MM	METER	15.5		15.5												
M5501265	STORM SEWERS, CLASS A, TYPE 4 600MM	METER	33.5		33.5												
M5501665	STORM SEWERS, CLASS A, TYPE 5 600MM	METER	3.5		3.5												
M5510060	STORM SEWER REMOVAL 600MM	METER	36.0		36.0												
M5510095	STORM SEWER REMOVAL 1200MM	METER	10.0		10.0												
M6010080	FRENCH DRAINS	CU M	42							42							
M6010605	PIPE UNDERDRAINS 100MM	METER	2,721.0		2,721.0												
M6010705	PIPE UNDERDRAINS 100MM (SPECIAL)	METER	142.5		142.5												
M6021405	MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		1												
M6021410	MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1												
M6021511	MANHOLES, TYPE A, 1.2M DIAMETER, WITH MEDIAN INLET (604101)	EACH	2		2												
M6060010	CLASS SI CONCRETE (OUTLET)	CU M	14.8		14.8												
M6060270	CONCRETE CUTTER, TYPE A (MODIFIED)	METER	129.2		129.2												
M6300100	STEEL PLATE BEAM GUARD RAIL, TYPE A	METER	1,084.70		1,084.70												
M6320030	GUARDRAIL REMOVAL	METER	366		366												
M6370140	CONCRETE BARRIER, SINGLE FACE (MODIFIED)	METER	14		14												
M6420015	SHOULDER RUMBLE STRIP	METER	31,575.7		31,575.7												
M6640100	CHAIN LINK FENCE, 1.2 METER	METER	363.0		363.0												
M7030520	PAVEMENT MARKING TAPE, TYPE III 100MM	METER	14,667		14,667												
M7030540	PAVEMENT MARKING TAPE, TYPE III 150MM	METER	2,541		2,541												
M7030550	PAVEMENT MARKING TAPE, TYPE III 200MM	METER	253		253												
M7031000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ M	2,370		2,370												
M7040300	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	1,698.85		1,698.85												
M7210105	SIGN PANEL OVERLAY, SPECIAL	SQ M	5.24		5.24												
M7802010	POLYUREA PAVEMENT MARKING TYPE I - LINE 100MM	METER	7,601		7,601												
M7802015	POLYUREA PAVEMENT MARKING TYPE I - LINE 150MM	METER	1,691		1,691												
M7802020	POLYUREA PAVEMENT MARKING TYPE I - LINE 200MM	METER	1,241		1,241												
M7802030	POLYUREA PAVEMENT MARKING TYPE I - LINE 300MM	METER	114		114												
MX030472	FORM LINER GRID AND FIN SURFACE	SQ M	606.5							606.5							
MX032083	GUARDRAIL AGGREGATE EROSION CONTROL	M TON	951		951												
MX032894	SLOTTED VANE DRAIN	METER	81.5		81.5												
MX032929	ENGINEERED FILL, CLASS 4	CU M	332		332												

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

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

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005



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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	885
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SET #2 BILL OF MATERIALS
FOR INFORMATION ONLY

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	URBAN															
				ROADWAY I000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTERCONNECT Y031-1F	TRAFFIC SIGNALS (6) Y031-1F	TRAFFIC SIGNALS (7) Y031-1F	TRAFFIC SIGNALS (8) Y031-1F		
MX033089	ENGINEERED FILL, CLASS 2	CU M	1,899		1,899														
MX033181	WATER (DUST CONTROL)	UNIT	1,254		1,254														
MX033182	APPLY DUST SUPPRESSION AGENTS	UNIT	627		627														
MX033183	SOIL STABILIZERS	KG	14,850		14,850														
MX033192	AGGREGATE SUBBASE	M TON	27,319		27,319														
MX033194	WHITEWASH	SQ M	34,120		34,120														
MX033462	REMOVAL AND DISPOSAL OF TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	2,626.05		2,626.05														
MX406295	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0L (LOW ESAL)	M TON	11,907		11,907														
MX720100	TEMPORARY SIGN PANEL ASSEMBLY	SQ M	3.25		3.25														
MX721010	COMPOSITE TEMPORARY SIGN OVERLAY	SQ M	4.45		4.45														
MZ021500	EXPANSION JOINT 75MM	METER	17.5		17.5														
MZ022800	FENCE REMOVAL	METER	594.0		594.0														
MZ031105	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ M	435.2								435.2								
MZ031107	MECHANICALLY STABILIZED EARTH RETAINING WALL WITH CAST-IN-PLACE FACING	SQ M	727.4								727.4								
X0322906	WEEP HOLES CORED	EACH	84								84								
Δ X0323677	STREET SWEEPING	HOUR	231		231														
X0323678	DUST CONTROL PADS	EACH	2		2														
X0323989	REINSTALL TEMPORARY SIGN PANEL ASSEMBLY	EACH	3		3														
Z0018300	DRAINAGE STRUCTURE REPAIR	EACH	24		24														
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	1		1														
*4001622	DRAINAGE STRUCTURES, TYPE 1A, SPECIAL WITH ONE TYPE 20 FRAME AND GRATE	EACH	1		1														
*4001623	COMPRESSIBLE FILL MATERIAL	CU M	58								58								

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

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

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM #1	MAY 27 2005	TOTAL BILL OF MATERIALS PLAN SET #2 FAI ROUTE 74 (I-74) DRAWN BY RDY CHECKED BY LSA DATE 11/23/04



3/10/04-24 057 4/28/2005 11:54:28 AM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	707
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LOCATION	TEMPORARY DITCH CHECKS	
	LEFT	RIGHT
FAI ROUTE 74 WESTBOUND		
STA. 144+808.500	1	
STA. 145+190.000	1	
STA. 145+205.000	1	
STA. 145+238.000	1	
STA. 145+271.000	1	
STA. 145+304.000	1	
STA. 145+318.000	1	
STA. 145+396.000	1	
STA. 145+410.000	1	
STA. 145+710.000	1	
STA. 145+755.000	1	
STA. 145+800.000	1	
STA. 145+837.000	1	
STA. 145+863.000	1	
STA. 145+980.000	1	
STA. 146+010.000	1	
STA. 146+142.000	1	
STA. 146+165.000	1	
STA. 146+180.000	1	
STA. 146+195.000	1	
STA. 146+210.000	1	
STA. 146+265.000	1	
STA. 146+310.000	1	
STA. 146+355.000	1	
STA. 146+400.000	1	
RAMP C-3		
STA. 10+287.000		1
STA. 10+323.000		1
STA. 10+346.000		1
STA. 10+369.000		1
STA. 10+392.000		1
STA. 10+415.000		1
STA. 10+438.000		1
STA. 10+461.000		1
STA. 10+484.000		1
STA. 10+507.000		1
STA. 10+530.000		1
STA. 10+545.000		1
STA. 10+551.000		1
STA. 10+557.000		1
STA. 10+563.000		1
STA. 10+569.000		1
STA. 10+575.000		1
STA. 10+581.000		1
STA. 10+587.000		1
STA. 10+588.000		1
STA. 10+593.000		1
STA. 10+611.000		1
SUBTOTAL	27	20
TOTAL	47	

NOTES:
1. TEMPORARY DITCH CHECK SPACING IS BASED ON AN ASSUMED DITCH CHECK HEIGHT OF 0.45 m (1.5 FEET).
2. SEE HIGHWAY STANDARD 280001 FOR ADDITIONAL INFORMATION.
3. AS DIRECTED BY THE RESIDENT ENGINEER, ADDITIONAL TEMPORARY DITCH CHECKS MAY BE REQUIRED AT LOCATIONS NOT SPECIFIED IN THE SCHEDULE.

LOCATION	DRAINAGE STRUCTURE NUMBER	INLET AND PIPE PROTECTION	
		EACH	EACH
FAI ROUTE 74 WESTBOUND			
STA. 144+751.190	3.500 m RT	EXISTING	1 2
STA. 144+821.610	3.500 m RT	EXISTING	1 2
STA. 144+894.043	3.500 m RT	EXISTING	1 2
STA. 144+957.546	3.500 m RT	EXISTING	1 2
STA. 145+034.000	3.500 m RT	EXISTING	1 2
STA. 145+109.616	3.500 m RT	EXISTING	1 2
STA. 145+185.192	3.500 m RT	EXISTING	1 2
STA. 145+260.768	3.500 m RT	EXISTING	1 2
STA. 145+355.238	3.500 m RT	EXISTING	1 2
STA. 145+422.500	3.500 m RT	EXISTING	1 2
STA. 145+490.000	3.500 m RT	EXISTING	1 2
STA. 145+565.000	3.500 m RT	EXISTING	1 2
STA. 145+641.000	3.500 m RT	EXISTING	1 2
STA. 145+717.000	3.500 m RT	EXISTING	1 2
STA. 145+667.869	21.239 m LT	407	1
STA. 145+793.097	3.500 m RT	EXISTING	1 2
STA. 145+860.000	3.500 m RT	EXISTING	1 2
STA. 145+925.000	3.500 m RT	EXISTING	1 2
STA. 146+000.000	3.500 m RT	EXISTING	1 2
STA. 145+984.000	11.688 m LT	401	1
STA. 146+075.000	3.500 m RT	EXISTING	1 2
STA. 146+149.400	3.663 m RT	EXISTING	1 2
STA. 146+213.714	3.861 m RT	EXISTING	1 2
STA. 146+275.041	4.068 m RT	EXISTING	1 2
STA. 146+281.234	4.090 m RT	EXISTING	1 2
STA. 146+352.103	4.350 m RT	EXISTING	1 2
RAMP C-3			
STA. 10+436.580	6.100 m LT	409	1
STA. 10+438.800	6.100 m LT	410	1
STA. 10+300.000	17.367 m RT	400	1
STA. 10+306.571	11.278 m LT	411	1
STA. 10+250.000	8.456 m LT	412	1
STA. 10+186.795	2.400 m RT	413	1
STA. 10+184.565	2.400 m RT	414	1
TOTAL		28	53

LOCATION	WIDTH	LENGTH	CASE	FILTER FABRIC FOR USE WITH RIPRAP	STONE RIPRAP,
					CLASS A4
					SQ M
FAI ROUTE 74 WESTBOUND					
STA. 145+981.700	LT	TO	STA. 145+986.300	LT	6 4.6 2 27.60 27.60
STA. 146+217.000	LT	TO	STA. 146+224.200	LT	8 7.2 2 57.60 57.60
SUBTOTAL					85.20
TOTAL					86

NOTE: SEE DRAINAGE DETAILS, RIPRAP DITCH FOR EROSION PROTECTION FOR ADDITIONAL INFORMATION.

LOCATION	WATER (DUST CONTROL) UNIT	APPLY DUST SUPPRESSION AGENTS UNIT	SOIL STABILIZERS KG	STREET SWEEPING HOUR	DUST CONTROL
					PADS EACH
FAI ROUTE 74					
STA. 144+718.000	TO	STA. 146+410.000	1,254	627	14,850 231 2
SUBTOTAL					14,850 231 2
TOTAL					14,850 231 2

LOCATION	SEEDING, CLASS 2A (1:3 OR FLATTER) HA	SEEDING, CLASS 3 (STEEPER THAN 1:3) HA	NITROGEN FERTILIZER KG	PHOSPHORUS FERTILIZER KG	POTASSIUM FERTILIZER KG	MULCH, METHOD 3 (1:3 OR FLATTER) HA	EROSION CONTROL
							BLANKET SQ M
MAINLINE STAGE 3-A							
STA. 144+718.000	TO	STA. 146+410.000	1.478	0.213	169.099	169.099	169.099 1.478 2,133.162
RAMP C-3 STAGE 3-A							
STA. 10+200.000	TO	STA. 10+598.650	1.035	0.206	124.104	124.104	124.104 1.035 2,063.688
SUBTOTAL			2.512	0.420	293.203	293.203	2.512 4,196.850
TOTAL			2.6	0.5	293.3	293.3	2.6 4,196.9

NOTE: NITROGEN, PHOSPHORUS, AND POTASSIUM USE 100 KG/ha

LOCATION	SEEDING CLASS 2A (1:3 OR FLATTER)		SEEDING CLASS 3 (1:3 OR FLATTER)		SEEDING, CLASS 7						NITROGEN FERTILIZER NUTRIENT		PHOSPHORUS FERTILIZER NUTRIENT		POTASSIUM FERTILIZER NUTRIENT		MULCH METHOD 3 (1:3 OR FLATTER)				
	CENTER		CENTER		WEST BOUND		EAST BOUND		RAMPS		CENTER		CENTER		CENTER		CENTER				
	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT			
	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	KG	KG	KG	KG	KG	KG	HA	HA			
RAMP C-3																					
10+100.000 TO 10+125.000																					
10+125.000 TO 10+150.000																					
10+150.000 TO 10+175.000																					
10+175.000 TO 10+200.000																					
10+200.000 TO 10+226.000																					
	0.036	0.045								0.023	0.033			3.6	4.5	3.6	4.5	3.6	4.5	0.036	0.045
RAMP C-4																					
10+050.000 TO 10+075.000																					
	0.058	0.035												5.79	3.54	5.79	3.54	5.79	3.54	0.058	0.035
GALE AVE.																					
100+019.414 TO 100+125.000																					
100+125.000 TO 100+141.097																					
	0.094	0.08												17.3	3.9	17.3	3.9	17.3	3.9	0.04	0.04
TOTALS	0.174	0.08	0		0.21				0.369	0.023	0.136			30.59	8.04	30.59	8.04	30.59	8.04	0.304	0.08

NOTE: THESE QUANTITIES PROVIDED BY IDOT

LOCATION	WIDTH	LENGTH	FILTER FABRIC FOR USE WITH RIPRAP	ARTICULATED BLOCK MAT	TOPSOIL FURNISH AND PLACE, 100MM	SEEDING, CLASS 2A (1:3 OR FLATTER)	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT										
										M	M	SQ M	SQ M	SQ M	HA	KG	KG	KG	
FAI ROUTE 74 WESTBOUND																			
STA. 144+802.973	LT	TO	STA. 144+810.410	LT	4.2	15.361	64.52	64.52	27.65	0.0028	0.276	0.276	0.276						
STA. 145+384.431	LT	TO	STA. 145+420.800	LT	4.2	37.365	156.93	156.93	67.26	0.0067	0.673	0.673	0.673						
STA. 146+136.207	LT	TO	STA. 146+147.126	LT	4.2	12.156	51.06	51.06	21.88	0.0022	0.219	0.219	0.219						
RAMP C-3																			
STA. 10+300.000	RT	TO	STA. 10+598.648	RT	5.4	296.749	1,602.44	1,602.44	890.25	0.0890	8.902	8.902	8.902						
STA. 10+575.000	LT	TO	STA. 10+625.000	LT	4.2	50.964	214.05	214.05	91.74	0.0092	0.917	0.917	0.917						
SUBTOTAL			2,089.00							2,089.00		1,098.77		0.1099		10.988		10.988	
TOTAL			2,089							2,089		1,099		0.2		11.0		11.0	

LOCATION	PERIMETER EROSION BARRIER	
		M
FAI ROUTE 74 WESTBOUND		
STA. 144+718.000	19.20 m LT TO STA. 144+745.000 17.50 m LT 27.0	
STA. 144+793.000	25.00 m LT TO STA. 145+191.000 32.50 m LT 398.0	
STA. 145+417.000	32.25 m LT TO STA. 145+675.000 22.00 m LT 258.0	
STA. 145+913.000	30.75 m LT TO STA. 145+960.000 34.00 m LT 47.0	
RAMP C-3		
STA. 10+190.500	9.00 m RT TO STA. 10+275.000 4.00 m RT 84.5	
STA. 10+445.000	8.90 m LT TO STA. 10+575.000 22.25 m LT 130.0	
SUBTOTAL		944.5
TOTAL		945

LOCATION	EROSION CONTROL SEEDING SCHEDULE	
	TEMPORARY EROSION CONTROL SEEDING KG	SEEDING, CLASS 7 HA
WESTBOUND MAINLINE	591.846	1.691
RAMP C-3	434.365	1.241
SUBTOTAL		1,026.211 2.932
TOTAL		1,026.3 3.0

NOTE: THERE WILL BE 5 APPLICATIONS OF TEMPORARY EROSION CONTROL SEEDING. SEEDING, CLASS 7 SHALL BE THE FINAL APPLICATION OF TEMPORARY SEED AND SHALL BE APPLIED BEFORE WINTER SHUTDOWN.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM #1	MAY 27 2005	<p>EROSION CONTROL SCHEDULE OF QUANTITIES FAI ROUTE 74 (I-74)</p> <p>DRAWN BY CAM CHECKED BY LSA</p> <p>DATE 11/23/04</p>



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	916
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY INFORMATION SIGNING								
LOCATION			REMOVE SIGN PANEL ASSEMBLY - TYPE B EACH	SIGN PANEL OVERLAY, SPECIAL SQ M	TEMPORARY SIGN PANEL ASSEMBLY SQ M	COMPOSITE TEMPORARY SIGN OVERLAY SQ M	REINSTALL TEMPORARY SIGN PANEL ASSEMBLY EACH	
FAI ROUTE 74 WESTBOUND								
STA. 144+795.000	LT	3-1	DS2-01		2.55			
STA. 144+852.000	LT	3-1					1	
STA. 146+050.000	RT	3-1					1	
STA. 146+050.000	RT	3-1	DS2-18			0.75		
STA. 146+300.000	RT	3-1	DS2-19	3.56				
STA. 146+380.000	RT	3-1					1	
STA. 146+380.000	RT	3-1	DS2-20			0.36		
GALE AVENUE								
STA. 99+575.000	RT	3-1	DS2-02			0.12		
STA. 99+575.000	RT	3-1	DS2-03			0.62		
STA. 99+575.000	RT	3-4		1				
STA. 99+800.000	RT	3-1	DS2-04		0.29			
STA. 99+861.000	RT	3-1	DS2-05			0.62		
STA. 100+018.000	-	3-1	DS2-06		0.12			
STA. 100+018.000	-	3-1	DS2-07		0.36			
STA. 100+018.000	-	3-1	DS2-08		0.14			
STA. 100+104.000	RT	3-1	DS2-11		0.46			
STA. 100+142.000	LT	3-1	DS2-10		0.46			
STA. 100+144.000	RT	3-1	DS2-12			0.62		
STA. 100+156.000	LT	3-1	DS2-09			0.62		
STA. 100+237.000	LT	3-1	DS2-13		0.29			
STA. 100+410.000	LT	3-1	DS2-14		0.12			
STA. 100+410.000	LT	3-1	DS2-15		0.14			
STA. 100+470.000	LT	3-1	DS2-16			0.12		
STA. 100+470.000	LT	3-1	DS2-17			0.62		
STA. 100+470.000	LT	3-4		1				
SUBTOTAL				2	5.24	3.25	4.45	3
TOTAL				2	5.24	3.25	4.45	3

CURB AND GUTTER SCHEDULE				
LOCATION		CLASS SI CONCRETE (OUTLET) CU M	CONCRETE GUTTER, TYPE A (MODIFIED) M	PROTECTIVE COAT SQ M
FAI ROUTE 74 WESTBOUND				
STA. 144+748.252	LT	0.90		5.28
STA. 144+748.252	TO STA. 144+792.171	LT	43.92	39.53
STA. 144+792.171	LT	4.03		17.76
STA. 145+320.145	LT	0.90		5.28
STA. 145+320.145	TO STA. 145+325.605	LT		8.19
STA. 145+367.732	TO STA. 145+373.193	LT	5.46	10.92
STA. 145+373.193	LT	4.03		17.76
STA. 146+050.000	LT	0.90		5.28
STA. 146+050.000	TO STA. 146+070.000	LT	20.00	18.00
STA. 146+070.000	TO STA. 146+125.000	LT	54.30	48.87
STA. 146+125.000	LT	4.03		17.76
SUBTOTAL		14.79	129.14	194.63
TOTAL		14.8	129.2	195

ENGINEERED FILL, CLASS 4		
LOCATION	ENGINEERED FILL, CLASS 2 CU M	ENGINEERED FILL, CLASS 4 CU M
STRUCTURE 072-2005	1,898.2	331.6
SUBTOTAL	1,898.2	331.6
TOTAL	1,899	332

SLOPE WALL SUMMARY		SLOPE WALL 100MM SQ M
FAI ROUTE 74 WESTBOUND		
STA. 144+760.626	TO STA. 144+786.513	174.0
STA. 145+325.605	TO STA. 145+367.732	276.0
SUBTOTAL		450.0
TOTAL		450

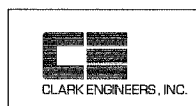
RIGHT-OF-WAY MARKERS SCHEDULE			
LOCATION	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS EACH		
FAI ROUTE 74 WESTBOUND			
STA. 145+721.346	62.888 m	LT	1
STA. 145+804.724	50.712 m	LT	1
SUBTOTAL			2
TOTAL			2

EXPANSION JOINT SCHEDULE		
LOCATION	EXPANSION JOINT 75MM M	
RAMP C-3		
10+119.899	LT/RT	9.24
RAMP C-4		
10+388.609	LT/RT	7.90
SUBTOTAL		17.14
TOTAL		17.5

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM #1	MAY 27 2005	SCHEDULE OF QUANTITIES FAI ROUTE 74 (I-74)

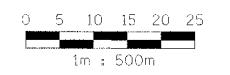
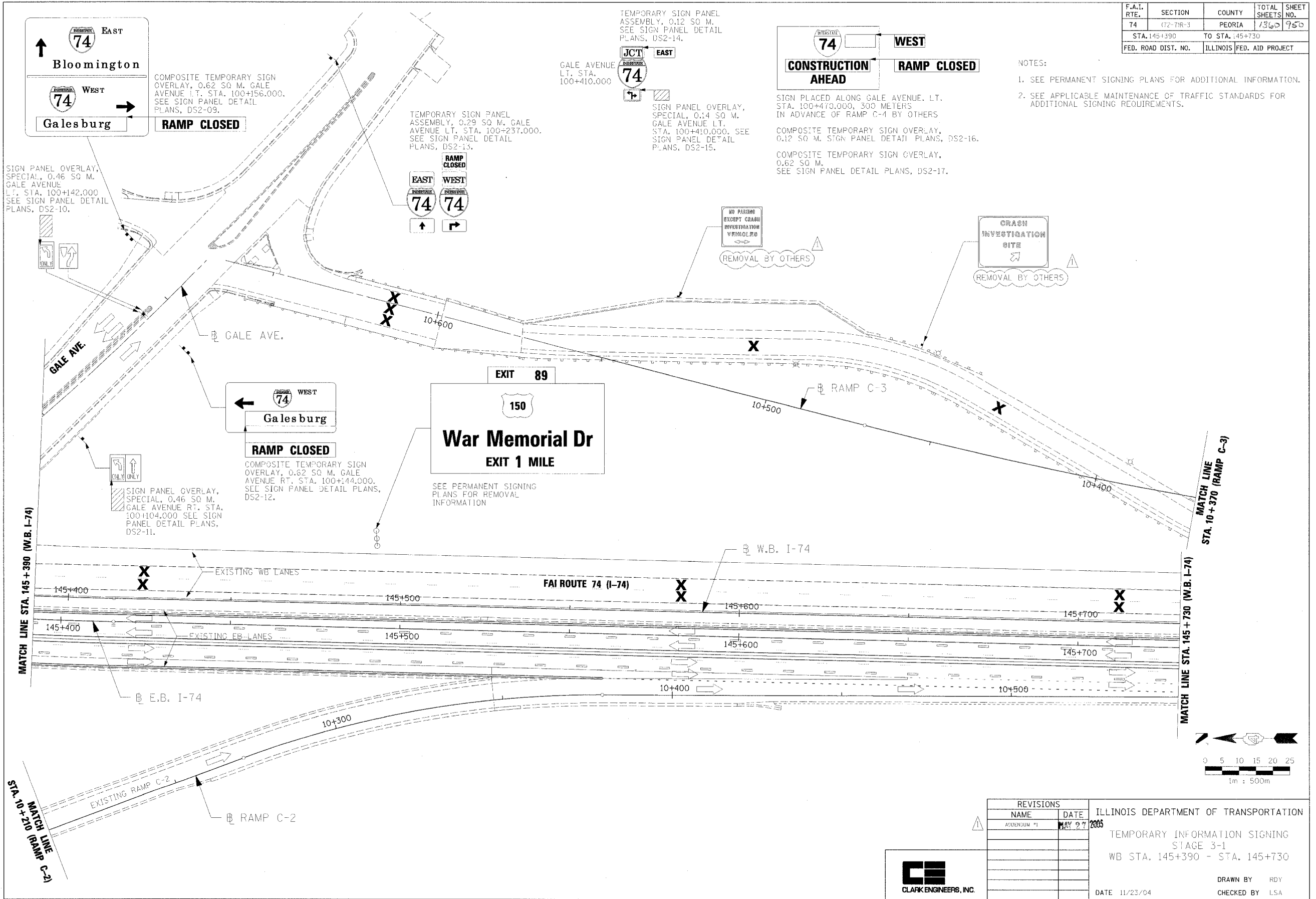
DATE 11/23/04

DRAWN BY CAM
CHECKED BY LSA



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-74R-3)	PEORIA	1360	750
STA. 145+390		TO STA. 145+730		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- NOTES:
- SEE PERMANENT SIGNING PLANS FOR ADDITIONAL INFORMATION.
 - SEE APPLICABLE MAINTENANCE OF TRAFFIC STANDARDS FOR ADDITIONAL SIGNING REQUIREMENTS.



REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY INFORMATION SIGNING
STAGE 3-1
WB STA. 145+390 - STA. 145+730

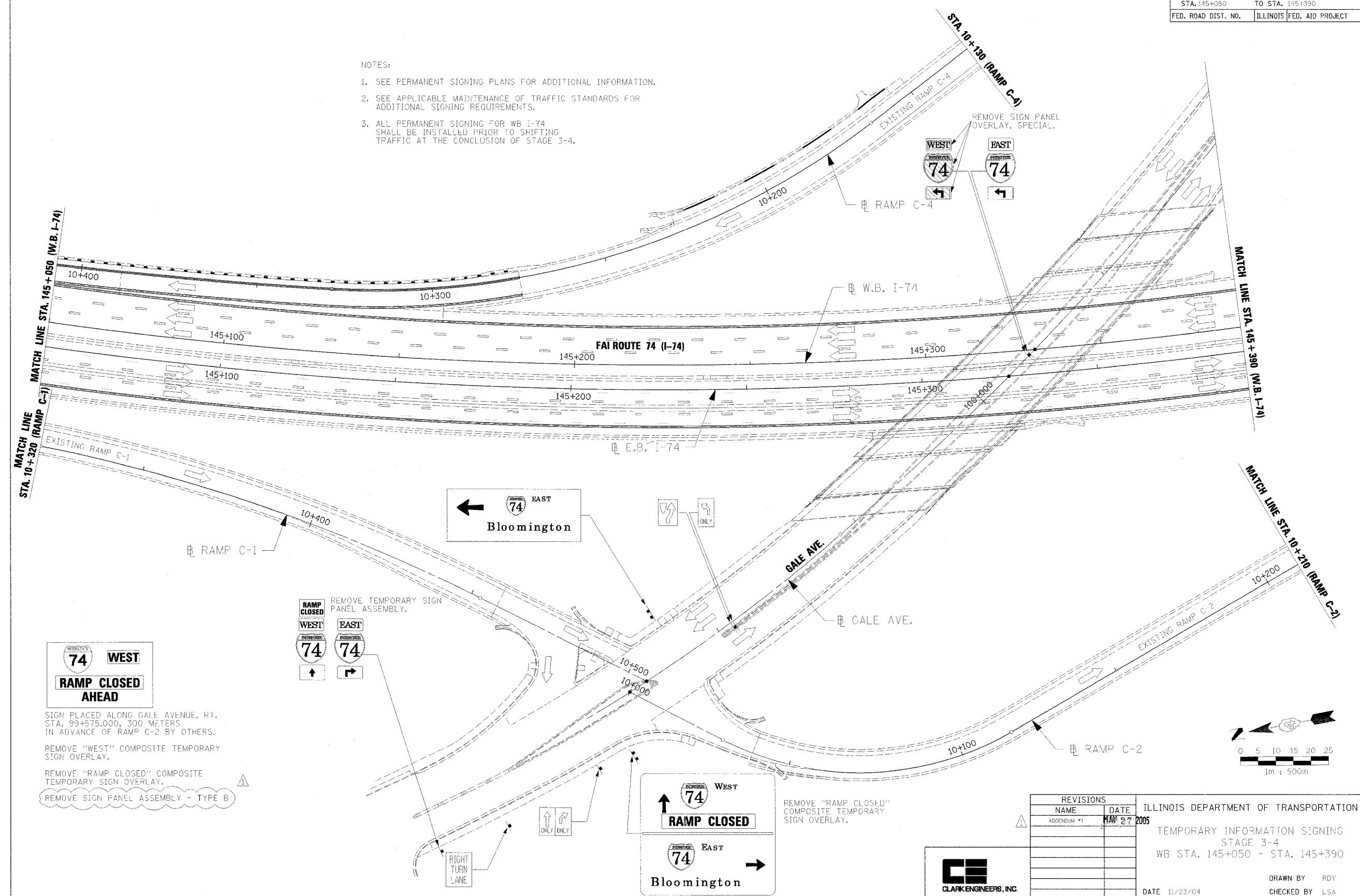
DATE 11/23/04

DRAWN BY RDY
CHECKED BY LSA



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	1/2-7/11-3	PEORIA	1360	964
STA. 145+050		TO STA. 145+390		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- NOTES:
1. SEE PERMANENT SIGNING PLANS FOR ADDITIONAL INFORMATION.
 2. SEE APPLICABLE MAINTENANCE OF TRAFFIC STANDARDS FOR ADDITIONAL SIGNING REQUIREMENTS.
 3. ALL PERMANENT SIGNING FOR WB I-74 SHALL BE INSTALLED PRIOR TO SHIFTING TRAFFIC AT THE CONCLUSION OF STAGE 3-4.



INTERSTATE 74 WEST
RAMP CLOSED AHEAD

SIGN PLACED ALONG GALE AVENUE, RT. STA. 99+575.000, 300 METERS IN ADVANCE OF RAMP C-2 BY OTHERS.
 REMOVE "WEST" COMPOSITE TEMPORARY SIGN OVERLAY.
 REMOVE "RAMP CLOSED" COMPOSITE TEMPORARY SIGN OVERLAY.
 REMOVE SIGN PANEL ASSEMBLY - TYPE B

RAMP CLOSED
WEST
74
EAST
74

REMOVE TEMPORARY SIGN PANEL ASSEMBLY.

WEST
74
RAMP CLOSED
EAST
74
 Bloomington

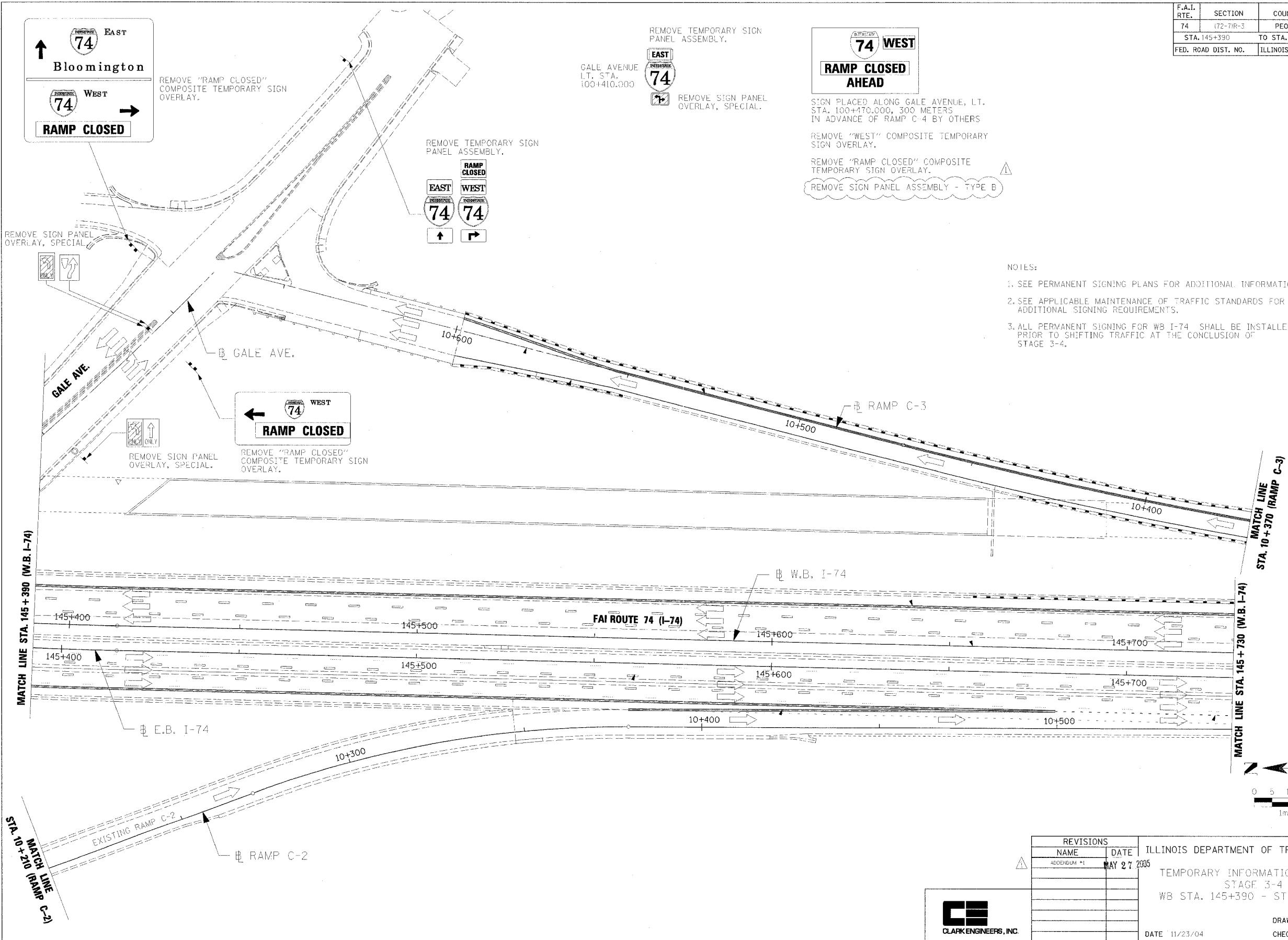
REMOVE "RAMP CLOSED" COMPOSITE TEMPORARY SIGN OVERLAY.

REVISIONS	
NAME	DATE
ADDENDUM #1	11/23/04

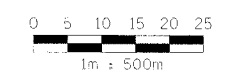
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY INFORMATION SIGNING
 STAGE 3-4
 WB STA. 145+050 - STA. 145+390
 DATE 11/23/04
 DRAWN BY RDY
 CHECKED BY LSA



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	172-TIR-3	PEORIA	1360	965
STA. 145+390 TO STA. 145+730			ILLINOIS FED. AID PROJECT	



- NOTES:
- SEE PERMANENT SIGNING PLANS FOR ADDITIONAL INFORMATION.
 - SEE APPLICABLE MAINTENANCE OF TRAFFIC STANDARDS FOR ADDITIONAL SIGNING REQUIREMENTS.
 - ALL PERMANENT SIGNING FOR WB I-74 SHALL BE INSTALLED PRIOR TO SHIFTING TRAFFIC AT THE CONCLUSION OF STAGE 3-4.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM #1	MAY 27 2005	TEMPORARY INFORMATION SIGNING STAGE 3-4 WB STA. 145+390 - STA. 145+730

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



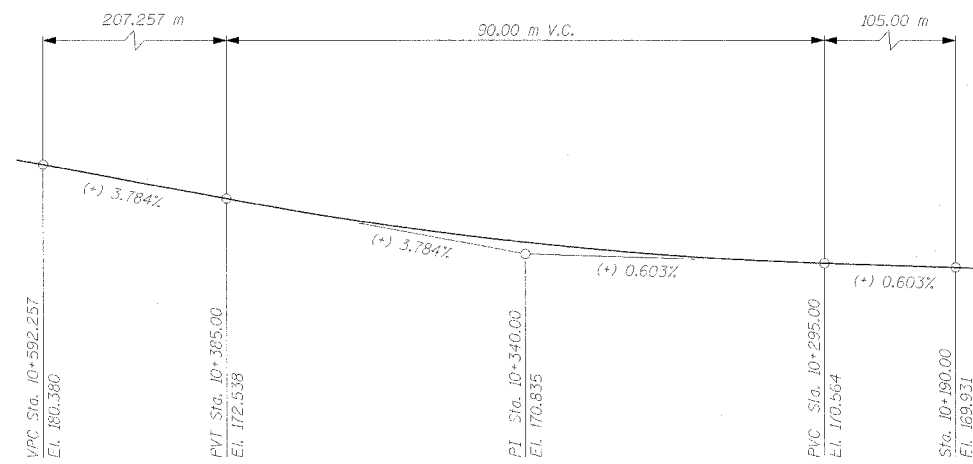
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	STATION	SHEET NO.
F.A.I. 74	(72-7)R-3	PEORIA	1360	1040
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract No. 68200

SHEET NO. 2
OF 10 SHEETS



PROFILE GRADE OF RAMP C-3

PROPOSED HORIZONTAL CURVE DATA	
CURVE NO.	332
ALIGNMENT	RAMP C-3
DESIGN SPEED	80 km/h
P.T. STA.	10+356.775
R (m)	1293.773
r (m)	113.756
L (m)	226.928
E (m)	4.991
S.E.	2.70%
TRANSITION IN	10+238-10+245
TRANSITION OUT	10+466-10+478
P.C. STA.	10+243.019
P.T. STA.	10+469.948

STA. 10+442.15 - STA. 10+575
BUILT 20-- BY
STATE OF ILLINOIS
F.A.I. ROUTE 74 SEC. (72-7) R-3
LOADING MS18
STR. NO. 072-8618

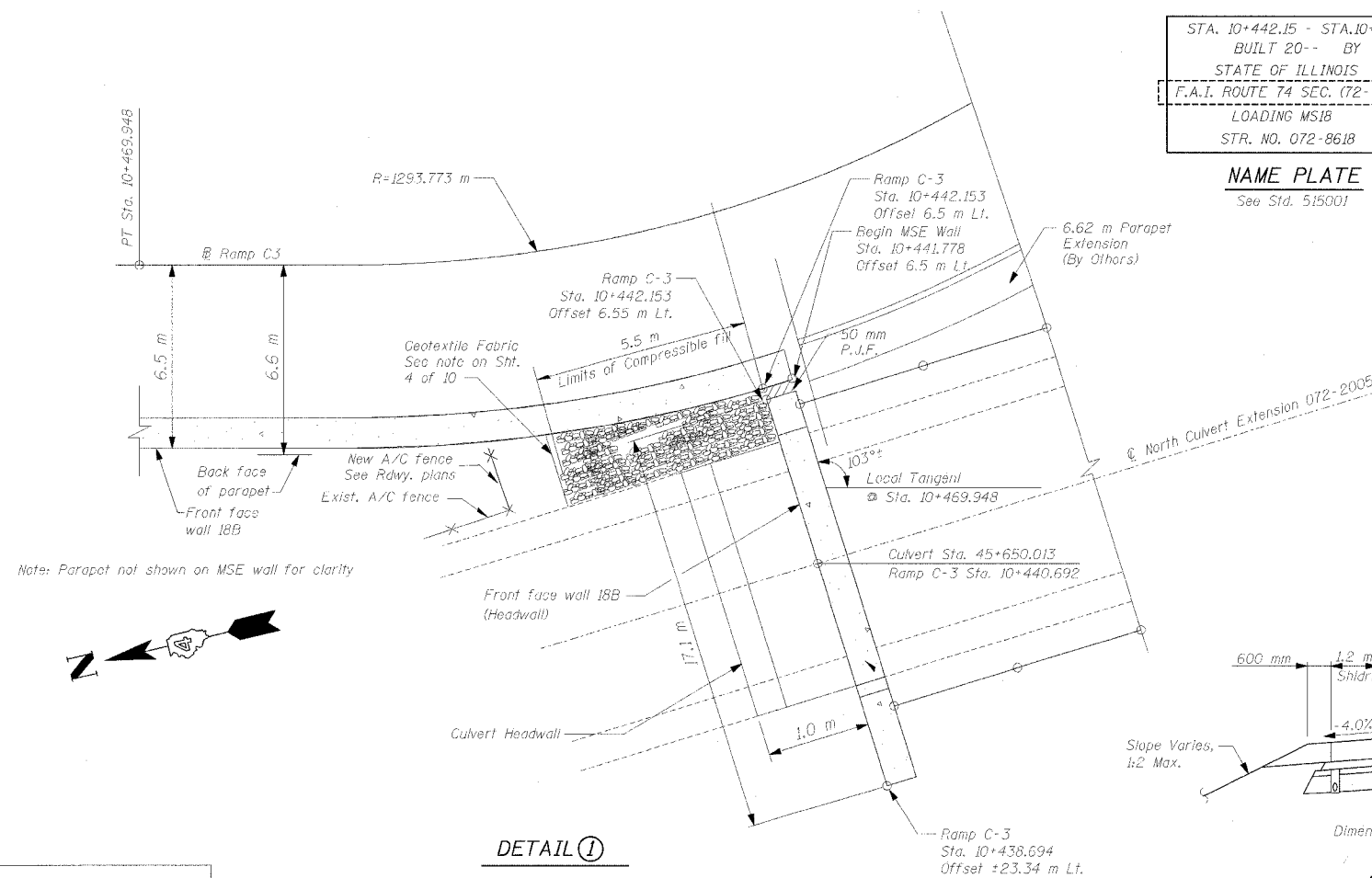
NAME PLATE
See Std. 515001

GENERAL NOTES

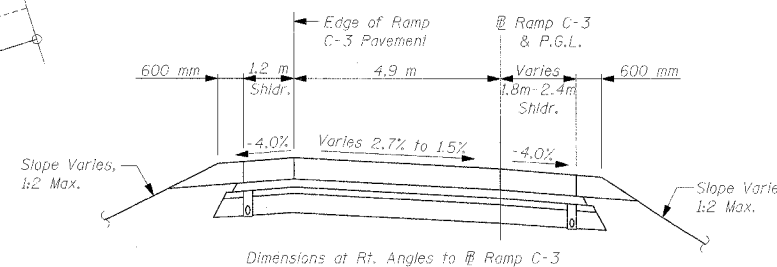
- The Contractor shall coordinate and verify all drainage and roadway information with corresponding plans before beginning construction.
- Reinforcement bars shall conform to the requirements of AASHTO M31M or M322M Grade 400.
- All dimensions are in millimeters unless noted otherwise.
- The geosynthetic material serving as the sacrificial facing shall be protected from ultraviolet deterioration prior to the placement of the CIP concrete facing.
- Sawed contraction joints shall be placed in the anchorage slab to radially match the transverse joints in the pavement. See Std. 483001-174 & 420001-03 for joint details in anchorage slab. Parapet joints shall be located at every other sawed anchorage slab joint. Parapet contraction joints shall be aluminum sheeted full height if cast-in-place, saw-cut full height if slip formed.
- CIP wall panels to be designed by Contractor and included in Mechanically Stabilized Earth Retaining Wall with CIP Facing. See Special Provisions.
- Maximum applied bearing pressure = 259 kPa
- All construction joints shall be bonded.
- Plan dimensions and details relative to existing structure have been taken from existing structure plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- The CIP facing shall not be placed until all sacrificial fascia elements, within the limits of the pour, have been erected and allowed to settle for at least thirty calendar days, unless otherwise indicated on the plans.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Name Plates	Each	1
Reinforcement Bars, Epoxy Coated	kg	12,430
Concrete Superstructure	m ³	40.8
Concrete Structures	m ³	137.9
Structure Excavation	m ³	7,119
French Drains	m ³	26
Form Liner Grid and Fin Surface	m ²	508.5
Mechanically Stabilized Earth Retaining Walls with Cast-In-Place Facing	m ²	727.4
Compressible Fill Material	m ³	33
Weep Holes Cored	Each	45



DETAIL 1



RAMP C-3 SECTION
Looking North

GENERAL NOTES, DESIGN DATA AND
TOTAL BILL OF MATERIALS
RAMP C-3 OVER DRY RUN CREEK
F.A.I. RTE 74(I-74) SECTION (72-7)R-3
PEORIA COUNTY
STA. 10+442.15 TO STA. 10+575 (RAMP C-3)
STRUCTURE NUMBER 072-8618 - WALL 18B

DESIGNED	GEK
CHECKED	
DRAWN	GEK
CHECKED	

ADDENDUM #1, MAY 27 2005

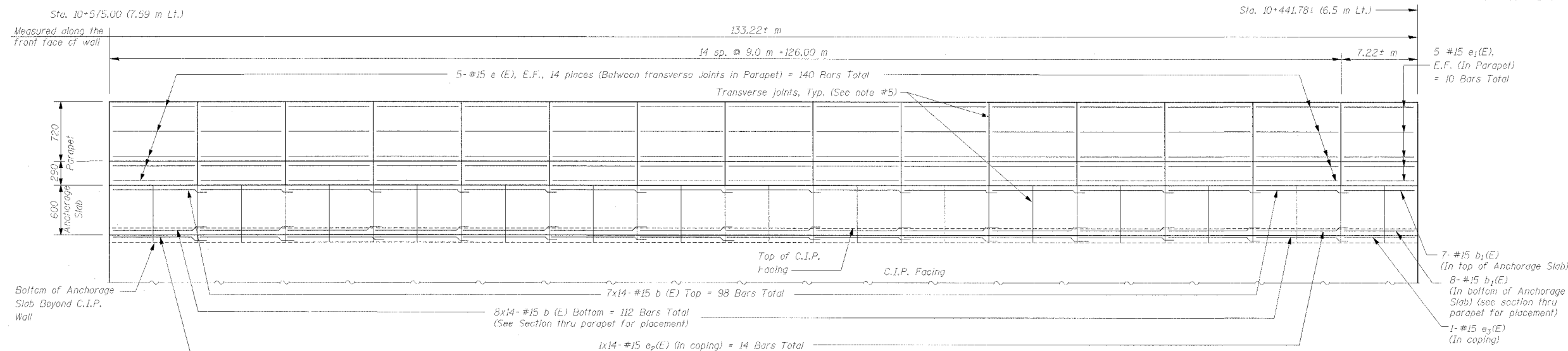


111 NE Jefferson Ave.
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FAX(309)676-5445

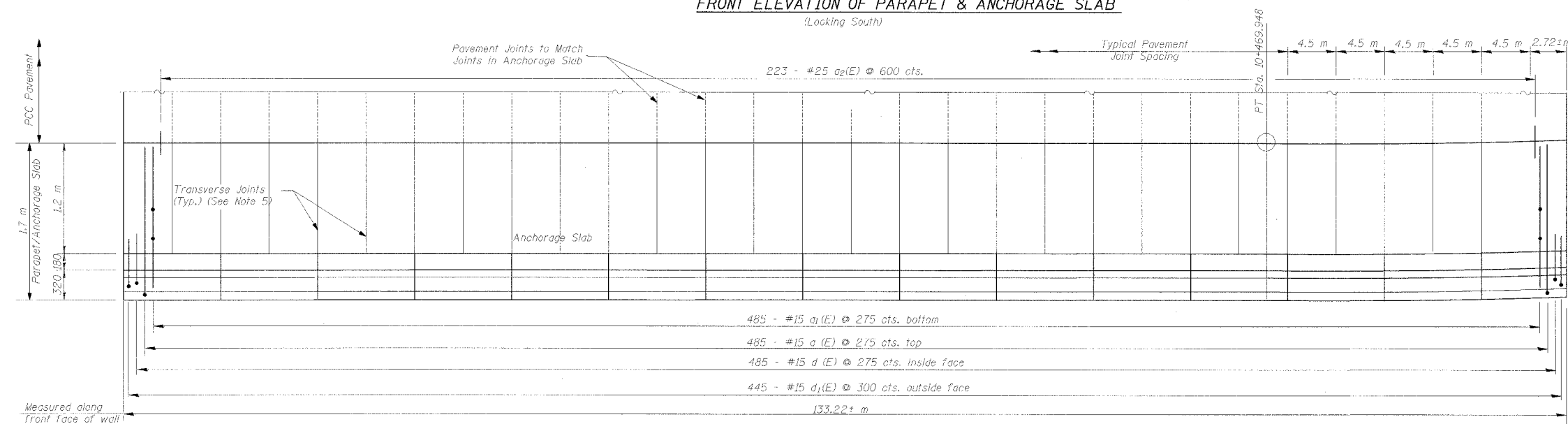
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6 OF 10 SHEETS
F.A.I. 74	(72-7)R-3	PEORIA	1360	1044	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract No. 68200



FRONT ELEVATION OF PARAPET & ANCHORAGE SLAB



PLAN OF PARAPET & ANCHORAGE SLAB

NOTES:

- Longitudinal bars in the Anchorage Slab shall be continuous through the sawed joints. Longitudinal bars in the parapet shall not pass through the parapet joints. Maintain 50 mm end clearance. Bars may be field cut to fit where distance between joints varies with horizontal curvature.
- Bars indicated 1x2-#15 etc. indicates 1 line of bars with 2 lengths per line.
- Reinforcement bars designated (E) shall be epoxy coated.
- Contractor shall ensure that the top of P.I.F. is clear of select fill or other debris before placing Anchorage Slab concrete.
- Sawed contraction joints shall be placed in the anchorage slab to radially match the transverse joints in the pavement. See Std. 483001-174 & 420001-03 for joint details in anchorage slab. Parapet joints shall be located at every other sawed anchorage slab joint. Parapet contraction joints shall be aluminum sheathed full height if cast-in-place, saw-cut full height if slip formed.
- At 165 mm deep sawed contraction joints in anchorage slab, shift a(E) bars as required for 100 mm horizontal clearance from joint and field bend b(E) & b1(E) bars in top of anchorage slab to provide 220 mm clearance from top of slab.
- Lap splice for #15(E) shall be 640 mm

BILL OF MATERIAL

Bar	No.	Size	Length (m)	Shape
a (E)	485	#15	2.03	—
a1(E)	485	#15	1.65	┌
a2(E)	223	#25	1.00	—
b (E)	210	#15	9.64	—
b1(E)	15	#15	7.17	—
b2(E)	14	#15	6.74	—
b3(E)	7	#15	4.9	—
d (E)	485	#15	1.61	┌
d1(E)	445	#15	2.19	┌
e (E)	140	#15	8.9	—
e1(E)	10	#15	7.12	—
e2(E)	14	#15	9.64	—
e3(E)	1	#15	7.17	—
s (E)	5	#15	1.57	┌
s1(E)	55	#15	1.63	┌
Concrete Superstructure			m ³	40.8
Concrete Structures			m ³	137.9
Reinforcement Bars, Epoxy Coated			kg	12,430

DESIGNED	GEK
CHECKED	
DRAWN	GEK
CHECKED	

SECTIONS AND DETAILS
RAMP C-3 OVER DRY RUN CREEK
F.A.I. RTE 74(I-74) SECTION (72-7)R-3
PEORIA COUNTY
STA. 10+442.15 TO STA. 10+575 (RAMP C-3)
STRUCTURE NUMBER 072-8618 - WALL 18B

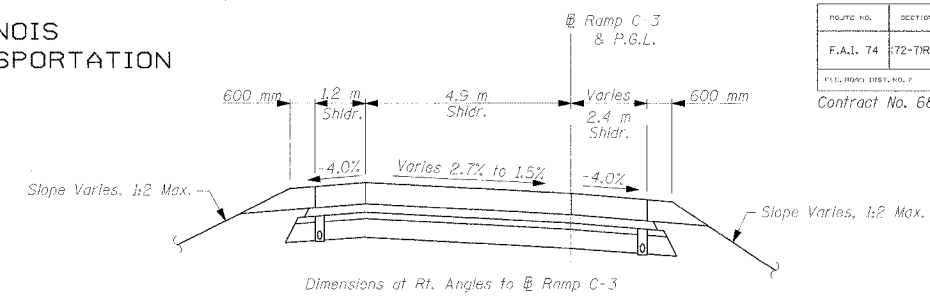
ADDENDUM #1, MAY 27 2005



111 NE Jefferson Ave.
Peoria, Illinois 61602
PH:309/676-8464
FAX:309/676-5445

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HORIZONTAL CURVE DATA	
CURVE NO.	332
ALIGNMENT	RAMP C-3
DESIGN SPEED	80 km/h
P.I. STA.	10+356.775
R (m)	1293.773
T (m)	113.756
L (m)	226.928
E (m)	4.991
S.E.	2.70%
TRANSITION IN	10+238-10+245
TRANSITION OUT	10+466-10+478
P.C. STA.	10+243.019
P.T. STA.	10+469.948



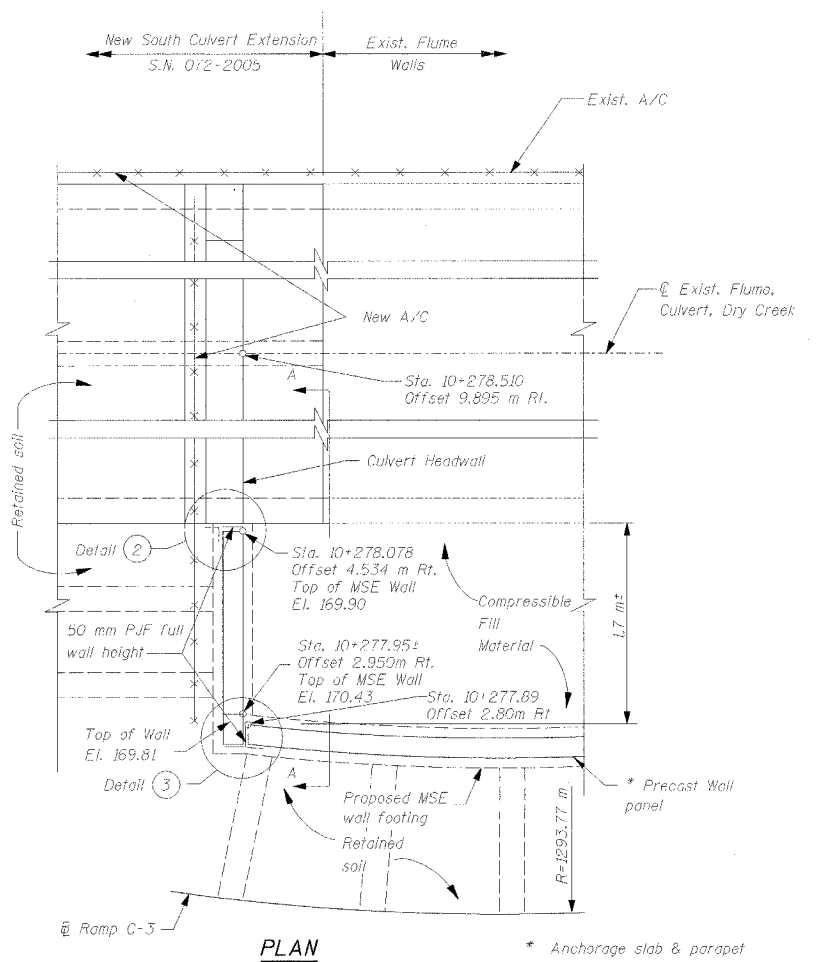
RAMP C-3 SECTION
LOOKING NORTH

TOTAL BILL OF MATERIAL

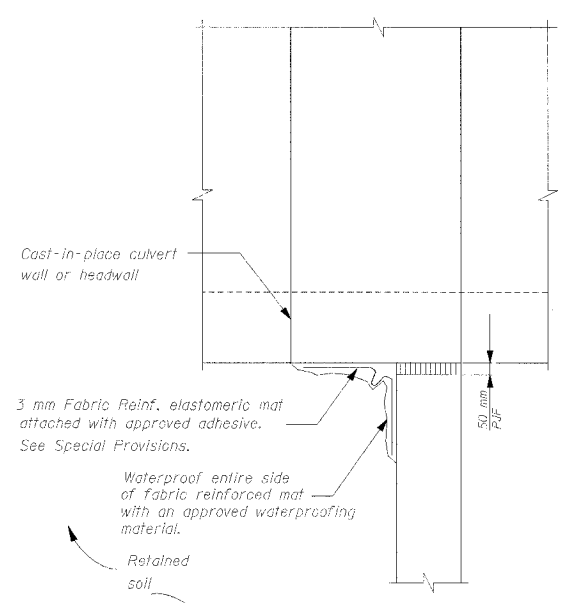
ITEM	UNIT	TOTAL
Name Plates	Each	1
Reinforcement Bars, Epoxy Coated	kg	12,960
Concrete Superstructure	m ³	27.0
Concrete Structures	m ²	85.0
Structure Excavation	m ²	1,357
French Drains	m ²	16
Mechanically Stabilized Earth Retaining Wall	m ²	435.2
Compressible Fill Material	m ³	25
Weep Holes Cured	Each	39
Concrete Removal	m ²	0.3
Reinforcement Bars	kg	110



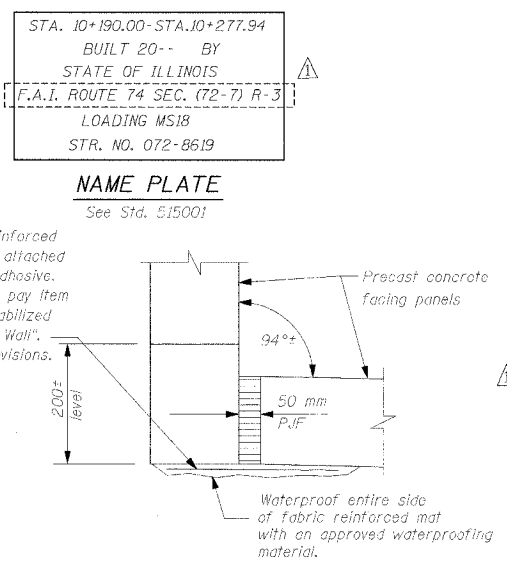
PROFILE GRADE OF RAMP C-3



PLAN



DETAIL 2



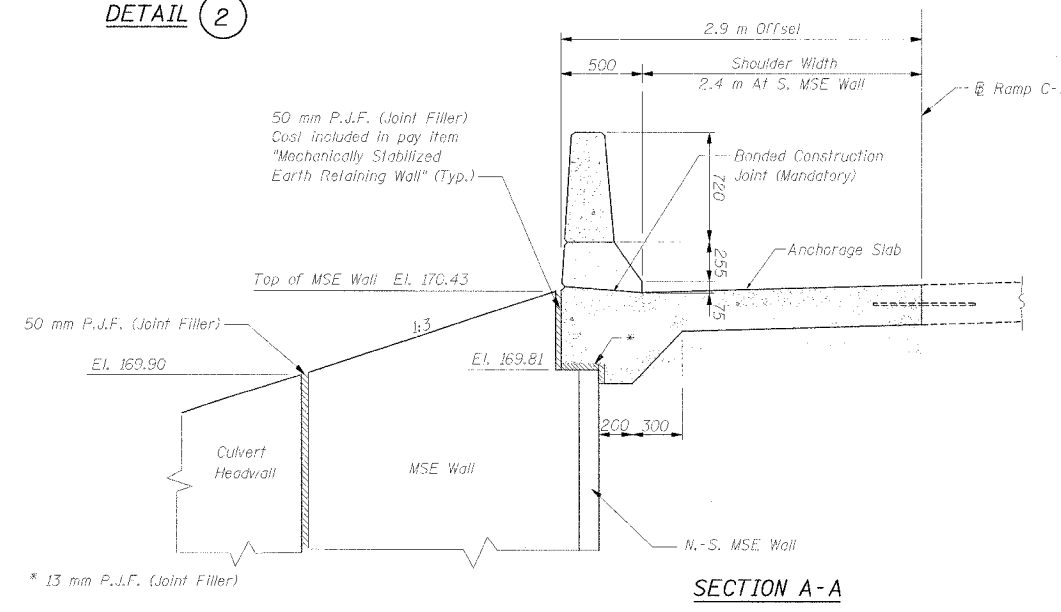
DETAIL 3

GENERAL NOTES

- The Contractor shall coordinate and verify all drainage and roadway information with corresponding plans before beginning construction.
- Reinforcement bars shall conform to the requirements of AASHTO M31M or M322M Grade 40G.
- All dimensions are in millimeters unless noted otherwise.
- Sawed contraction joints shall be placed in the anchorage slab to radially match the transverse joints in the pavement. See Std. 483001-174 & 420001-03 for joint details in anchorage slab. Parapet joints shall be located at every other sawed anchorage slab joint. Parapet contraction joints shall be aluminum sheeted full height if cast-in-place, saw-cut full height if slip formed.
- Maximum applied bearing pressure = 148 kPa
- All construction joints shall be bonded.
- The anchorage slab and parapet shall not be placed until the MSE wall has been erected and allowed to settle for at least thirty calendar days, unless otherwise indicated on the plans.
- Plan dimensions and details relative to existing structure have been taken from existing structure plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

SOUTH MSE WALL DETAILS

RAMP C-3 OVER DRY RUN CREEK
F.A.I. RTE 74(I-74) SECTION (72-7)R-3
PEORIA COUNTY
STA. 10+190.00 TO STA. 10+277.94 (RAMP C-3)
STRUCTURE NUMBER 072-8619 - WALL 18C



SECTION A-A

DESIGNED	GEK
CHECKED	
DRAWN	GEK
CHECKED	



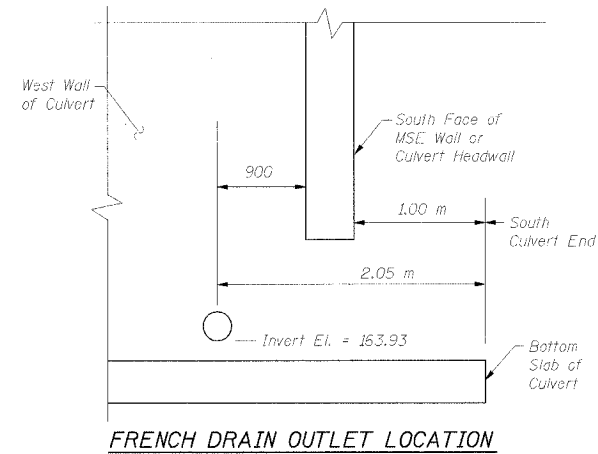
111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph: 309/676-8464
Fax: 309/676-5445

ADDENDUM #1, MAY 27 2005

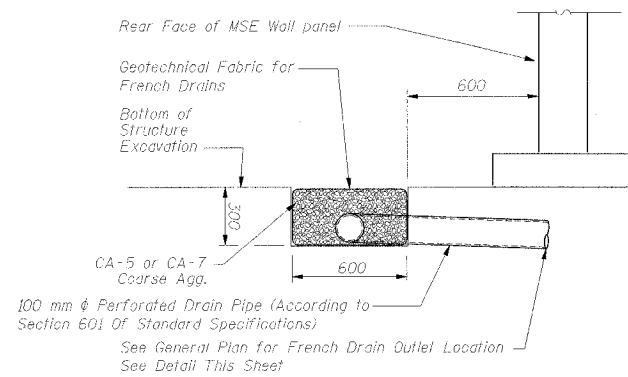
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 3 OF 9 SHEETS
F.A.I. 74	(72-7)R-3	PEORIA	1360	1053	
FED. AID DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

Contract No. 68200

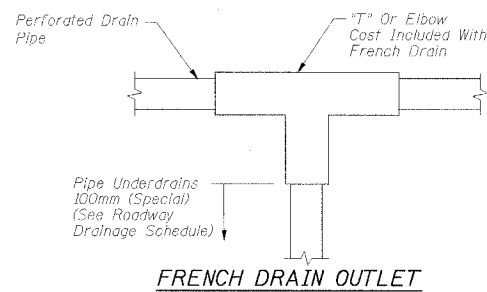


FRENCH DRAIN OUTLET LOCATION

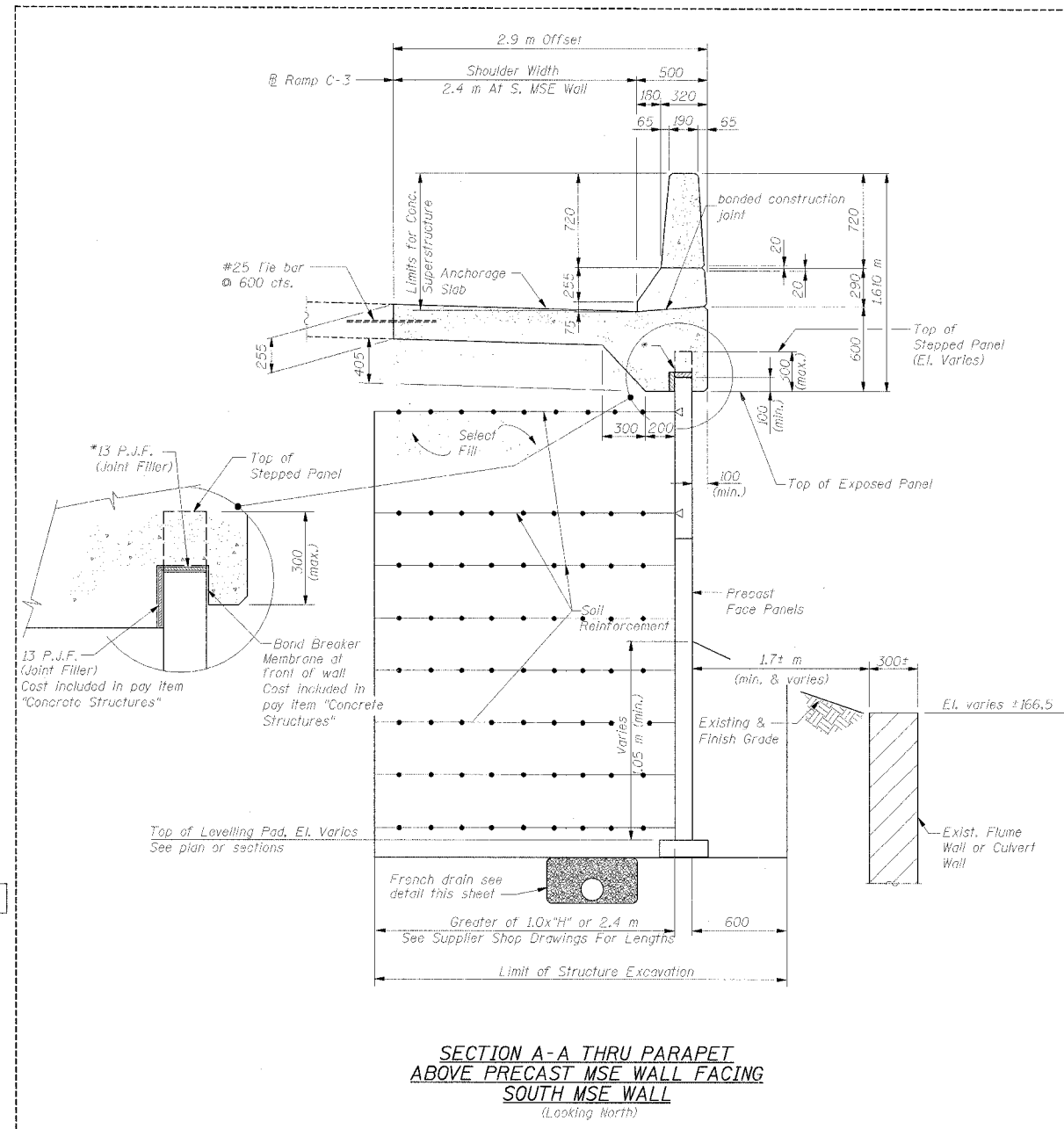


FRENCH DRAIN DETAIL

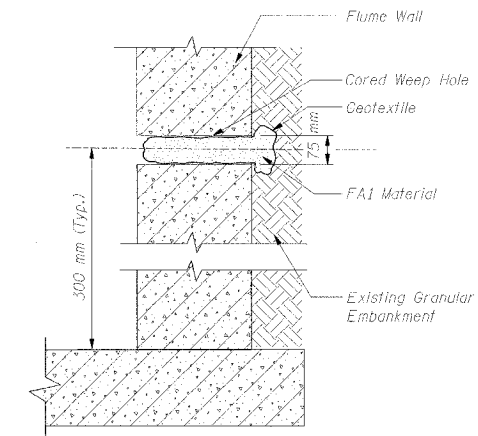
The French Drain Installation shall follow Section 601 of the Standard Specifications except that the trench will be filled with CA-5 or CA-7 coarse aggregate. The trench shall be lined with Geotechnical Fabric for French Drains and have a 100 mm diameter drain pipe located near the base of the excavation. The cost of the Geotechnical Fabric and Drain Pipe is included with the pay item French Drains.



FRENCH DRAIN OUTLET



SECTION A-A THRU PARAPET ABOVE PRECAST MSE WALL FACING SOUTH MSE WALL
(Looking North)



WEEP HOLE DETAIL

WEEP HOLE NOTES:

- Proposed weep hole installation procedure:
- Core the hole (75 mm diameter) thru the existing wall at the location shown (every 3.0 m). Locate and clear existing reinforcement.
 - Drill out approximately 0.6-0.7 liter of soil behind the wall.
 - Roll 1.7-1.8 liter of FA1 material in geotextile, wrap it all around, make the roll approximately 70 mm in diameter and tie the roll securely with elastic.
 - Push the roll into the cored hole all the way.

DESIGNED	GEK
CHECKED	
DRAWN	GEK
CHECKED	

SOUTH MSE WALL CROSS SECTION
RAMP C-3 OVER DRY RUN CREEK
F.A.I. RTE 74(I-74) SECTION (72-7)R-3
PEORIA COUNTY
STA. 10+190.00 TO STA. 10+277.94 (RAMP C-3)
STRUCTURE NUMBER 072-8619 - WALL 18C

ADDENDUM #1 MAY 27 2005



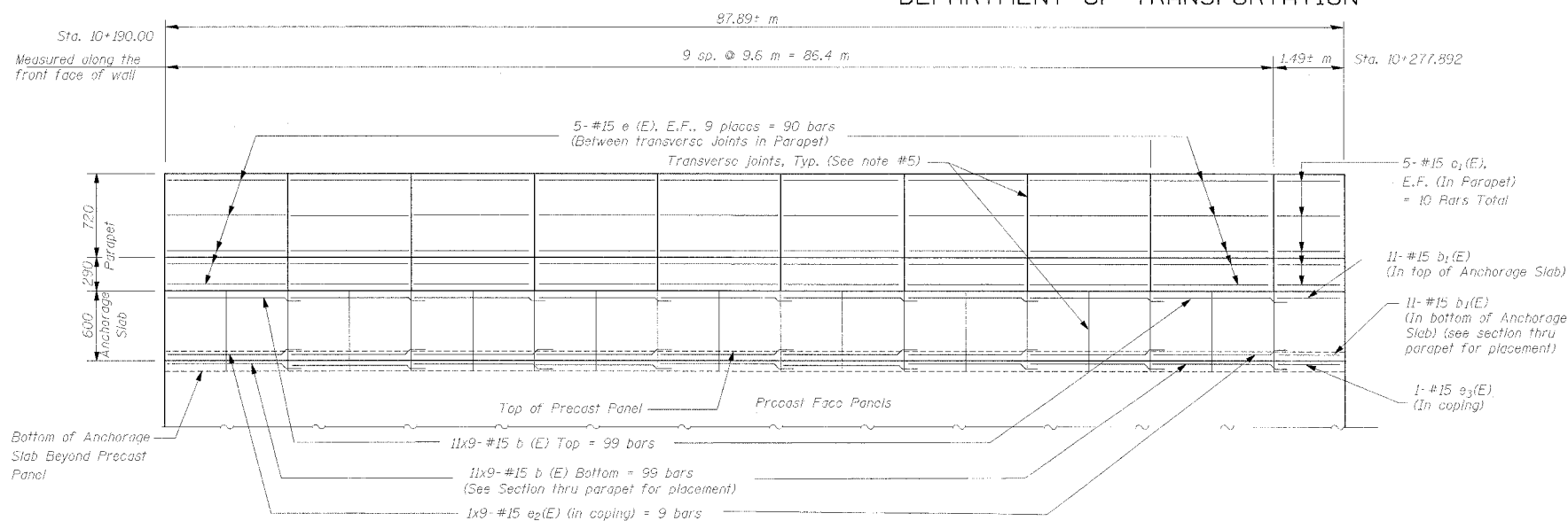
111 NE Jefferson Ave.
Peoria, Illinois 61602
PH(309)676-8464
FAX(309)676-5445

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

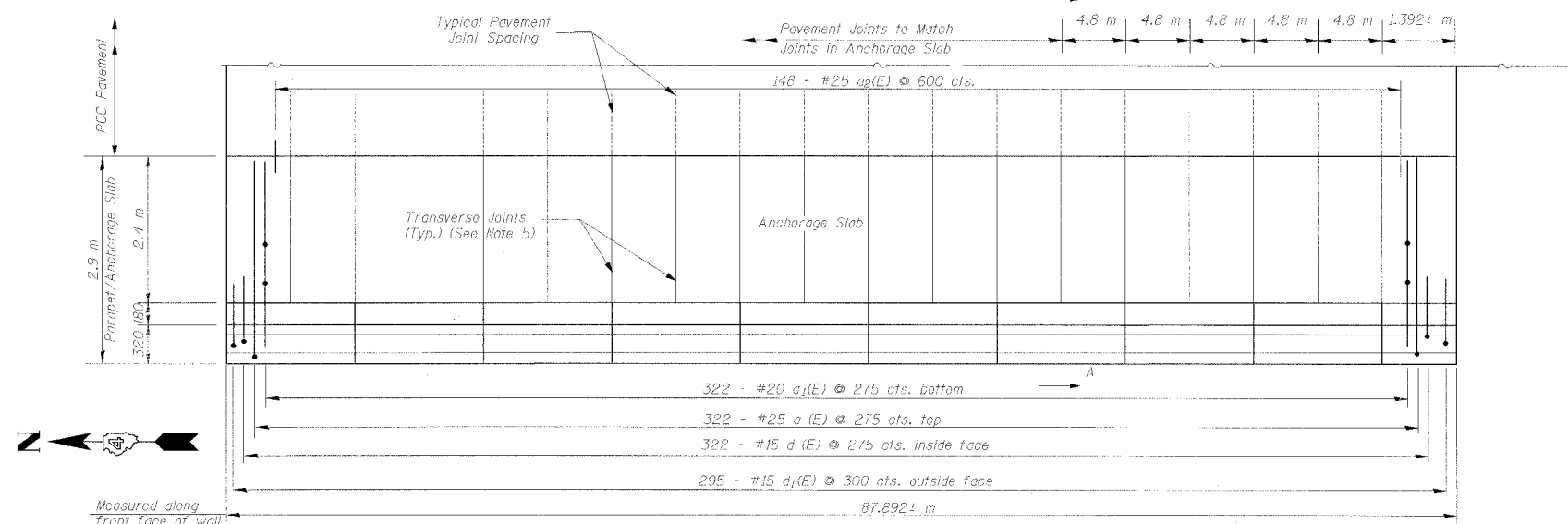
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	(72-7)R-3	PEORIA	1360	1055
Contract No. 68200				

OF 9 SHEETS

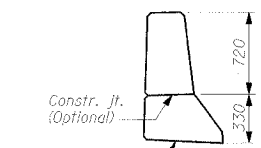


FRONT ELEVATION OF PARAPET & ANCHORAGE SLAB

(Looking West)



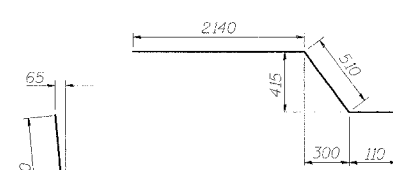
PLAN OF PARAPET & ANCHORAGE SLAB



PARAPET JOINT DETAIL

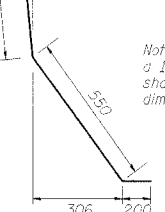
NOTES:

- Longitudinal bars in the Anchorage Slab shall be continuous through the sawed joints. Longitudinal bars in the parapet shall not pass through the parapet joints. Maintain 50 mm end clearance. Bars may be fold cut to fit where distance between joints varies with horizontal curvature.
- Bars indicated 1x2-#15 etc. indicates 1 line of bars with 2 lengths per line.
- Reinforcement bars designated (E) shall be epoxy coated.
- Contractor shall ensure that the top of P.I.F. is clear of select fill or other debris before placing Anchorage Slab concrete.
- Sawed contraction joints shall be placed in the anchorage slab to radially match the transverse joints in the pavement. See Std. 483001-174 & 420001-03 for joint details in anchorage slab. Parapet contraction joints shall be aluminum sheeted full height if cast-in-place, saw-cut full height if slip formed.
- At 50 mm deep sawed contraction joints in anchorage slab, shift a(E) bars as required for 100 mm horizontal clearance from joint and field bend b(E) & b1(E) bars in top of anchorage slab to provide 110 mm clearance from top of slab.
- Lap splice for #15(E) shall be 640 mm

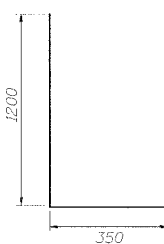


BAR a1(E)

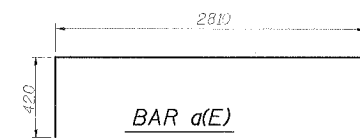
Note: 110 dimension is based on assuming a 150 mm thick precast panel. Contractor shall verify panel thickness and adjust this dimension accordingly.



BAR d(E)



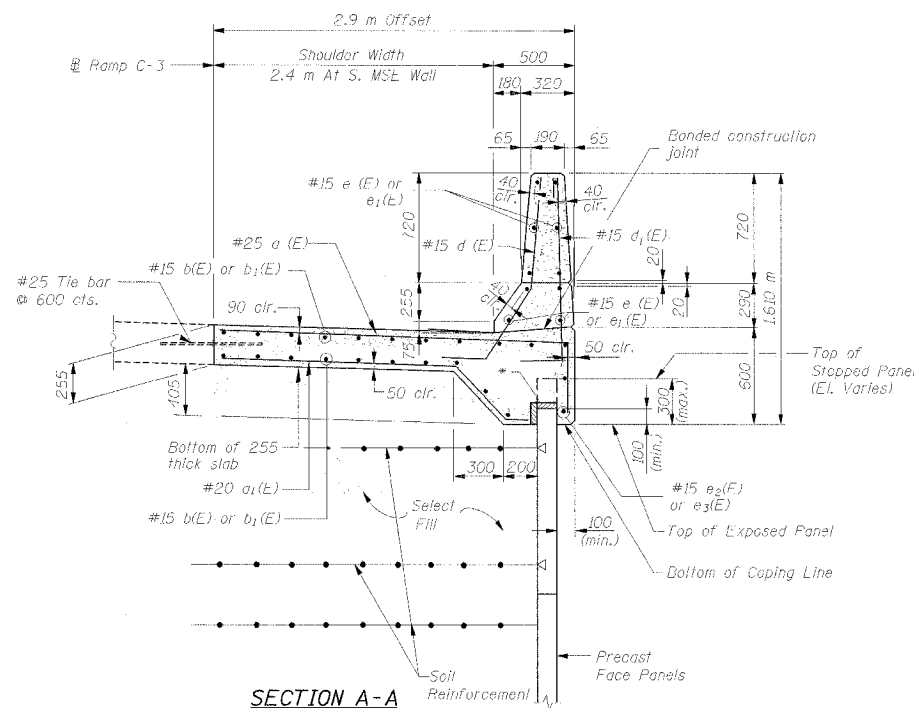
BAR d1(E)



BAR a(E)

BILL OF MATERIAL

Bar	No.	Size	Length (m)	Shape
a (E)	322	#25	5.23	┌
a1(E)	322	#20	2.76	┌
a2(E)	148	#25	1.00	—
b (E)	198	#15	10.25	—
b1(E)	22	#15	1.44	—
d (E)	322	#15	1.46	└
d1(E)	295	#15	1.55	└
e (E)	90	#15	9.5	—
e1(E)	10	#15	1.39	—
e2(E)	9	#15	10.25	—
e3(E)	1	#15	1.44	—
Concrete Superstructure			m ³	27.0
Concrete Structures			m ³	84.0
Reinforcement Bars, Epoxy Coated			kg	12,960



SECTION A-A

SECTIONS AND DETAILS
RAMP C-3 OVER DRY RUN CREEK
F.A.I. RTE 74(I-74) SECTION (72-7)R-3
PEORIA COUNTY
STA. 10+190.00 TO STA. 10+277.94 (RAMP C-3)
STRUCTURE NUMBER 072-8619 - WALL 18C

DESIGNED	GEK
CHECKED	
DRAWN	GEK
CHECKED	

Contraction joints cost included with Concrete Superstructure:

- If Cast-In-Place: joints shall be aluminum sheeted full height, 3 mm Aluminum sheet ASTM B 209M alloy 3003-H14, same dimension as section of parapet.
- If Slip Formed: Joints shall be saw-cut full height.

ADDENDUM #1, MAY 27 2005



111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph:3091676-8464
FAX:3091676-5445

FOR INFORMATION ONLY

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

URBAN																	
IM																	
90% FED 10% STATE										90% FED 5% STATE 5% CITY				90% FED 10% STATE			
ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER- CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F		
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	BIT	CONC	A3	B3/B5	B1/B4	CULVERT >20	CULVERT<20, R WALL				WAR MEMORIAL DR/ STERLING/GLEN	WAR MEMORIAL DR/ SCENIC DR	SCENIC DR/ MALL ENTRANCE	
M7200300	SIGN PANEL - TYPE 3	SQ M	262	92	16												
M7270100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	KG	3450	3050	400												
M7290100	METAL POST - TYPE A	METER	8.5	8.5													
M7290200	METAL POST - TYPE B	METER	17.0	13.0	4.0												
M7300100	WOOD SIGN SUPPORT	METER	265.5	239.5	26.0												
M7330050	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-S (1.22M X 1.37M)	METER	63.5								63.5						
M7330255	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (0.90M x 2.14M)	METER	22.6								22.6						
M7340100	CONCRETE FOUNDATIONS	CU M	11.9	9.8	2.1												
M7340200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU M	64.4								64.4						
M8080150	TEMPORARY WOOD POLE, 15.24M, CLASS 4	EACH	10									10					
M8100260	CONDUIT IN TRENCH, 50MM DIA., PVC	METER	1134.0									930.0	204.0				
M8100280	CONDUIT IN TRENCH, 75MM DIA., PVC	METER	4069.0									4069.0					
M8101450	CONDUIT PUSHED, 50MM DIA., PVC	METER	173.0										173.0				
M8101470	CONDUIT PUSHED, 75MM DIA., PVC	METER	17.0										17.0				
M8110130	CONDUIT ATTACHED TO STRUCTURE, 25MM DIA. GALVANIZED STEEL	METER	436.0										436.0				
M8120230	CONDUIT EMBEDDED IN STRUCTURE, 50MM DIA. PVC	METER	179.0										179.0				
M8120250	CONDUIT EMBEDDED IN STRUCTURE, 75MM DIA. PVC	METER	494.0										494.0				
M8130120	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 150MM X 150MM X 100MM	EACH	46										46				
M8130415	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 300MM X 300MM X 200MM	EACH	13										13				
M8131500	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 675MM X 400MM X 300MM	EACH	3										3				
M8150200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	4969.5										4847.0	122.5			
M8170030	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.8	METER	2927.0										2927.0				
M8170040	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.6	METER	5124.0										5124.0				

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

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

SET 3 SHEET 4

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27, 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION

SET 3
TOTAL BILL OF MATERIALS

DRAWN BY DJK
CHECKED BY DPA

DATE: 11/15/04

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

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5/5/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1184
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FOR INFORMATION ONLY

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

				URBAN										90% FED 10% STATE			90% FED 5% STATE 5% CITY			90% FED 10% STATE		
				ROADWAY 1000-2A	ROADWAY J000-2A	BRIDGE (1) X271-2A	BRIDGE (2) X281-2A	BRIDGE (3) X781-2A	BRIDGE (4) X028-2A	MINOR STRUCTURES (5) Y007	OVERHEAD SIGNS Y002-1C	LIGHTING Y030-1E	ITS Y035	TRAFFIC SIGNAL INTER-CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER-CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F	TRAFFIC SIGNAL INTER-CONNECT Y031-1F	TRAFFIC SIGNALS Y031-1F			
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	BIT	CONC	A3	B3/B5	B1/B4	CULVERT >20	CULVERT <20, R WALL			WAR MEMORIAL DR/STERLING/GLEN	WAR MEMORIAL DR/SCENIC DR	SCENIC DR/MALL ENTRANCE							
M8170050	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.4	METER	4834.0																			
M8170060	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	METER	14439.0																			
M8170070	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	METER	75.0																			
M8170090	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	METER	48.0																			
M8180140	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	METER	512.0																			
M8300415	LIGHT POLE, ALUMINUM, 13.5M M.H., 2.4M DAVIT ARM	EACH	3																			
M8301815	LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 13.5M M.H., 2.4M DAVIT ARM	EACH	32																			
M8360100	LIGHT POLE FOUNDATION, 600MM DIAMETER	METER	87.5																			
M8370100	LIGHT TOWER FOUNDATION	METER	205.3																			
M8370110	LIGHT TOWER FOUNDATION (SPECIAL)	METER	12.5																			
M8731800	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	113.0																			
M8780300	CONCRETE FOUNDATION, TYPE E 600MM DIAMETER	METER	2.5																			
MX033456	NONINTRUSIVE DETECTOR POLE 9.1 METER	EACH	1																			
MX733010	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-S (0.90M x 1.68M)	METER	7.9								7.9											
MX873027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	METER	113.0																			
X0323920	POLE MOUNTED EQUIPMENT CABINET, TYPE B	EACH	1																			
X0323970	UNDERPASS LUMINAIRE, (INSTALL ONLY)	EACH	29																			
X0323971	HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	183																			
X0323997	SIGN SUPPORT, PARAPET MOUNTED, TYPE 1	EACH	2	2																		
X8350100	LIGHT TOWER, INSTALL ONLY	EACH	34																			
XX004187	INSTALL CONTROLLER	EACH	2																			

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

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

SET 3 SHEET 5

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION

SET 3
TOTAL BILL OF MATERIALS

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

DATE: 11/15/04

DRAWN BY DJK
CHECKED BY DPA

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

CONTRACT NO. 68200

STREET LIGHTING - BILL OF MATERIAL (ALL SHEETS)

PAY ITEM	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	3
CONCRETE HANDHOLE	EACH	2
CONCRETE HEAVY-DUTY HANDHOLE	EACH	1
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	35
LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 400 WATT	EACH	11
LIGHTING CONTROLLER TYPE CB-RCS 200AMP-480VOLT	EACH	1
REMOVAL OF TEMPORARY LIGHTING UNITS	EACH	31
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	13
REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	37
POLE FOUNDATION, REMOVED	EACH	50
REMOVAL OF LIGHTING CONTROLLER	EACH	2
TEMPORARY WOOD POLE, 15.24M, CLASS 4	EACH	10
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	930
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	4069.0
CONDUIT PUSHED, 75MM DIA., PVC	METER	17.0
CONDUIT ATTACHED TO STRUCTURE, 25MM DIA., GALVANIZED STEEL	METER	436.0
CONDUIT EMBEDDED IN STRUCTURE, 50MM DIA. PVC	METER	179.0
CONDUIT EMBEDDED IN STRUCTURE, 75MM DIA. PVC	METER	494.0
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 150MM X 150MM X 100MM	EACH	46
JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 300MM X 300MM X 200MM	EACH	13
JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 675MM X 400MM X 300MM	EACH	3
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	4847.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.8	METER	2927.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.6	METER	5144.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.4	METER	4834.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.2	METER	14439.0

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

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5/5/2005

LIGHTING SHEET 2 OF 64

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION

BILL OF MATERIALS
LIGHTING

DRAWN BY DJK
CHECKED BY MKR

DATE: 1/26/2005

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

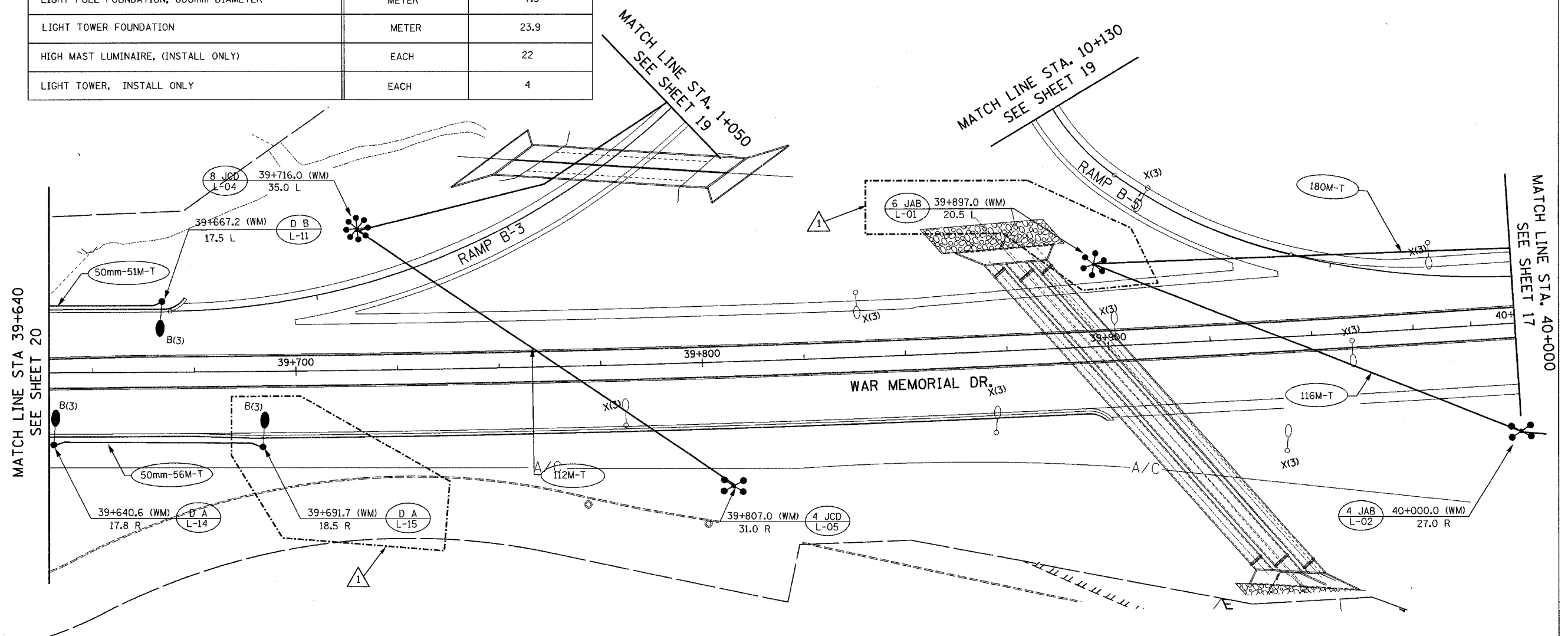
STREET LIGHTING - BILL OF MATERIAL THIS SHEET

PAY ITEM	UNIT	QUANTITY
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	3
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	107.0
CONDUIT IN TRENCH, 75MM DIA., PVC	METER	408.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	515.0
LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 13.5M M.H., 2.4M DAVIT ARM	EACH	3
LIGHT POLE FOUNDATION, 600mm DIAMETER	METER	7.5
LIGHT TOWER FOUNDATION	METER	23.9
HIGH MAST LUMINAIRE, (INSTALL ONLY)	EACH	22
LIGHT TOWER, INSTALL ONLY	EACH	4

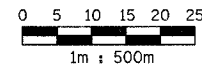
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1360	1202
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 68200

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LIGHTING SHEET 18 OF 64



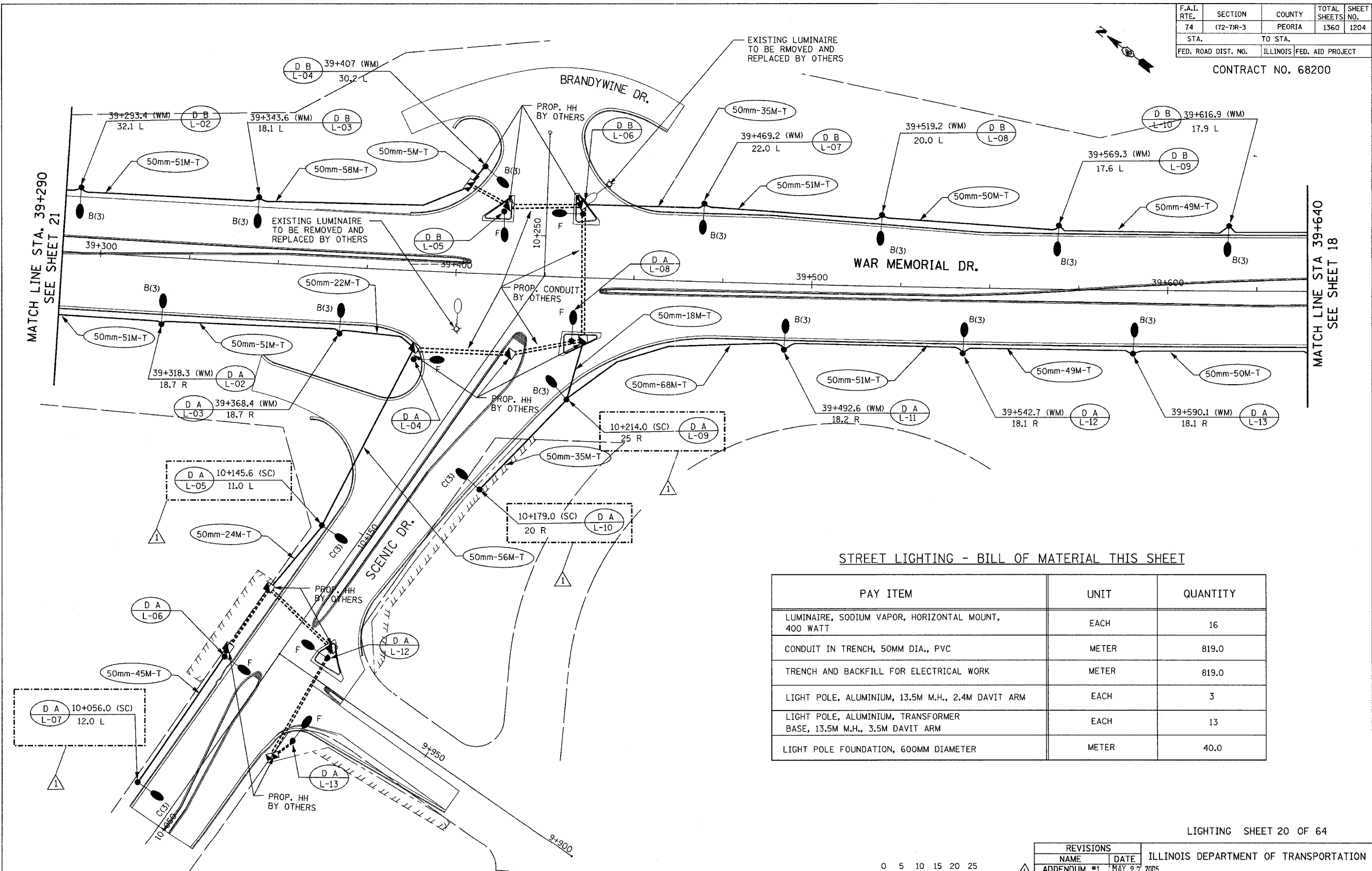
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED LIGHTING PLAN
 WAR MEMORIAL DR.
 STA. 39+640 TO STA. 40+000
 DATE: 11/12/04
 DRAWN BY DJK
 CHECKED BY MKR

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1204
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

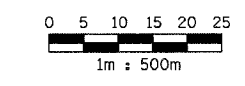
CONTRACT NO. 68200



STREET LIGHTING - BILL OF MATERIAL THIS SHEET

PAY ITEM	UNIT	QUANTITY
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	16
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	819.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	819.0
LIGHT POLE, ALUMINIUM, 13.5M M.H., 2.4M DAVIT ARM	EACH	3
LIGHT POLE, ALUMINIUM, TRANSFORMER BASE, 13.5M M.H., 3.5M DAVIT ARM	EACH	13
LIGHT POLE FOUNDATION, 600MM DIAMETER	METER	40.0

LIGHTING SHEET 20 OF 64



REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED LIGHTING PLAN
 WAR MEMORIAL DR.
 STA. 39+290 TO STA. 39+640
 DRAWN BY DJK
 CHECKED BY MKR
 DATE: 1/25/2005

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

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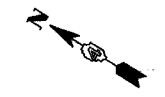
4/21/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1205
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

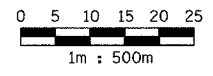
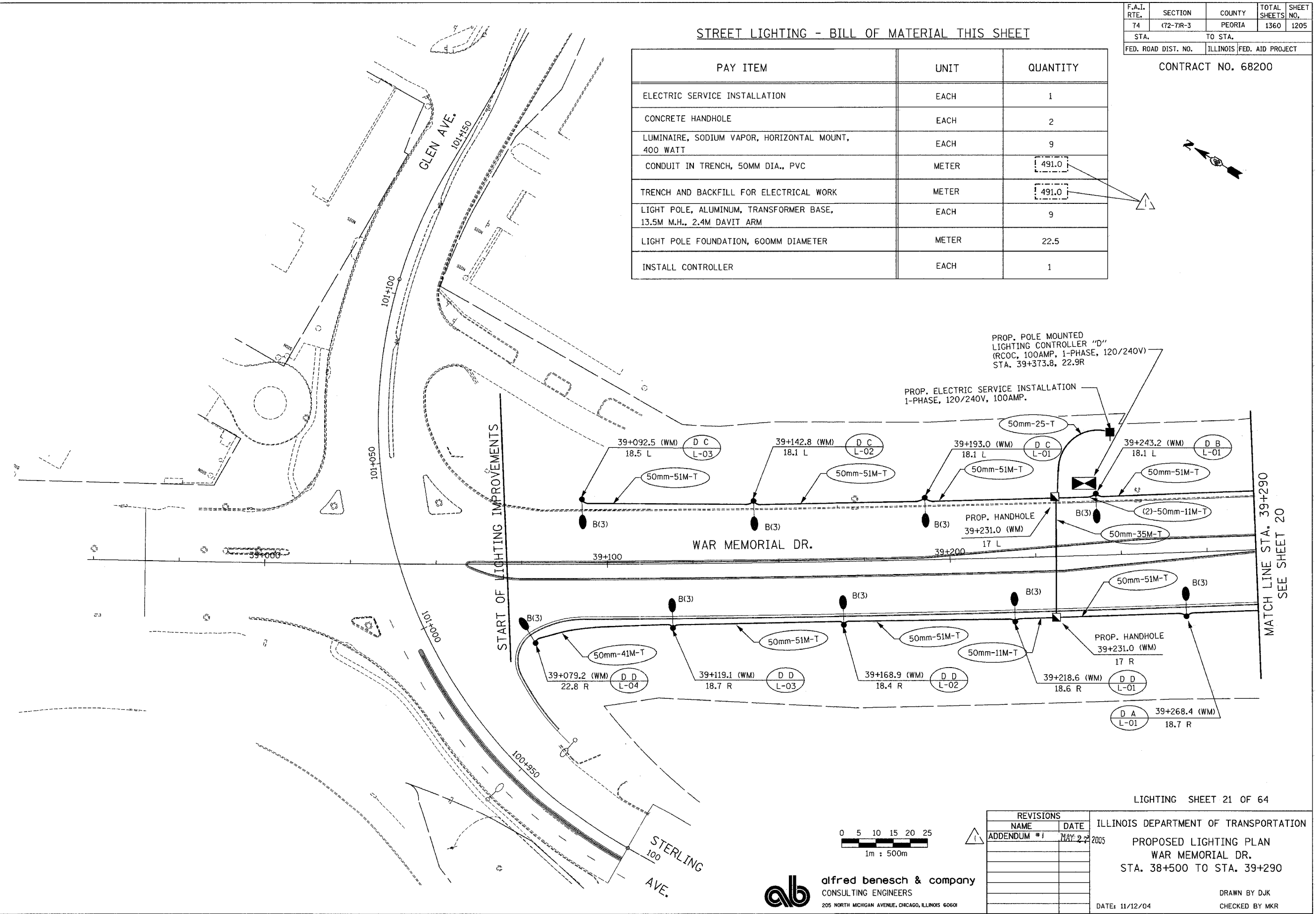
STREET LIGHTING - BILL OF MATERIAL THIS SHEET


PAY ITEM	UNIT	QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
CONCRETE HANDHOLE	EACH	2
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	9
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	491.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	491.0
LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 13.5M M.H., 2.4M DAVIT ARM	EACH	9
LIGHT POLE FOUNDATION, 600MM DIAMETER	METER	22.5
INSTALL CONTROLLER	EACH	1

CONTRACT NO. 68200



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 205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

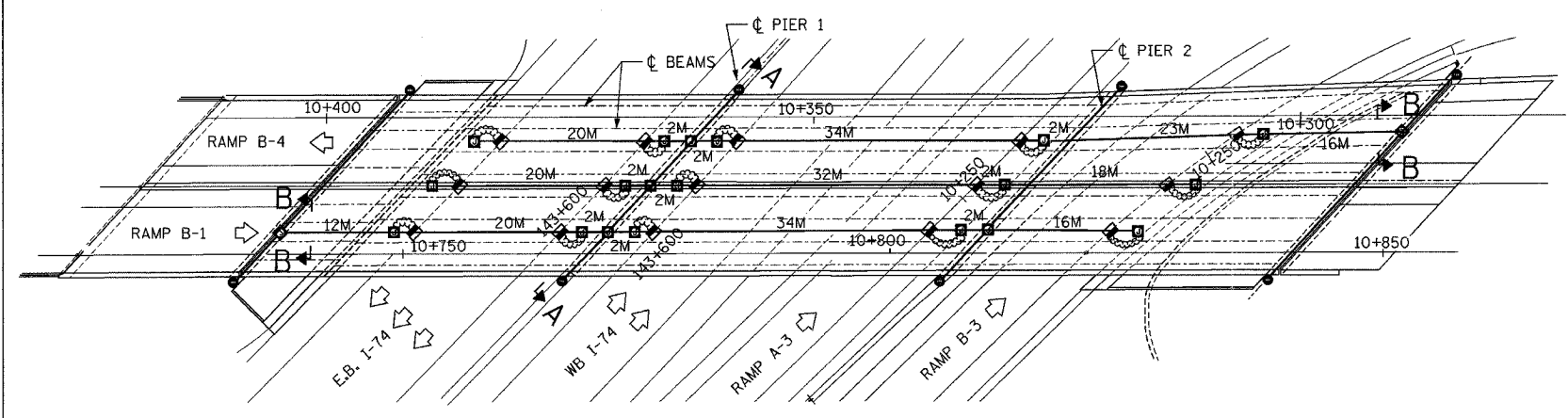
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 22 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED LIGHTING PLAN
 WAR MEMORIAL DR.
 STA. 38+500 TO STA. 39+290
 DATE: 11/12/04
 DRAWN BY DJK
 CHECKED BY MKR

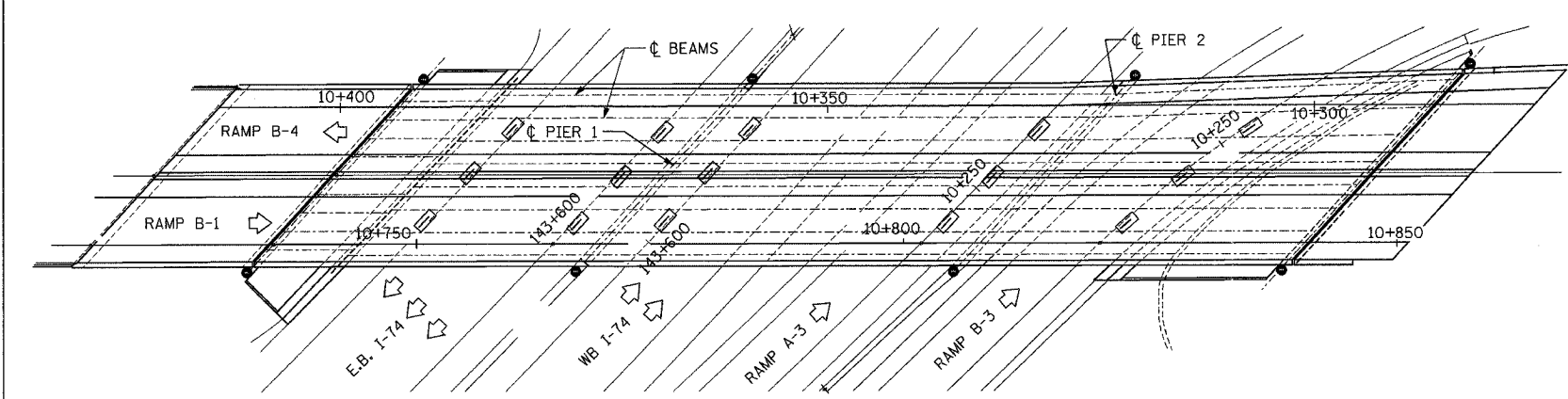
LIGHTING SHEET 21 OF 64

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1208
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200



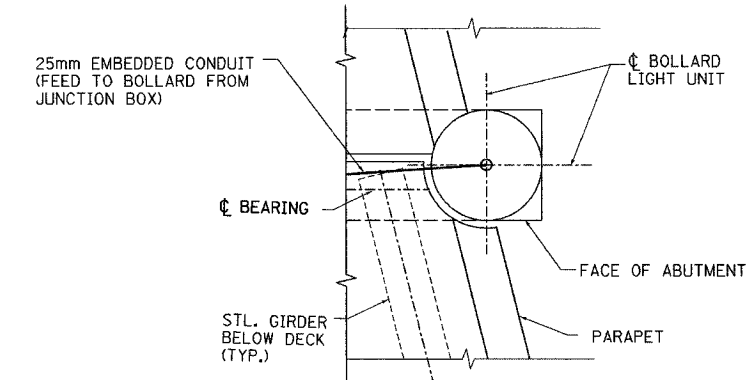
PLAN VIEW
ATTACHED CONDUIT & JUNCTION BOXES



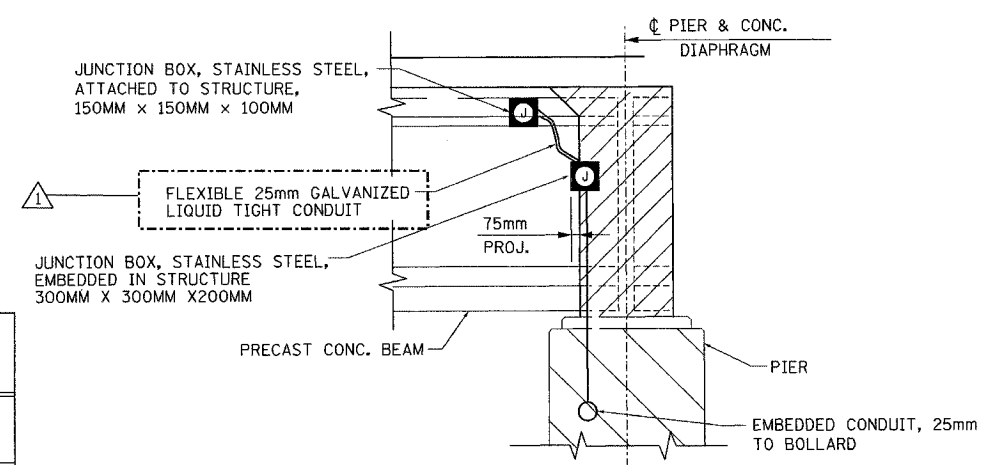
PLAN VIEW
EMBEDDED CONCRETE INSERTS



- LEGEND**
- PROPOSED JUNCTION BOX
 - PROPOSED ATTACHED CONDUIT, 25mm DIA., GALVANIZED STEEL
 - PROPOSED EMBEDDED CONDUIT, 50mm DIA. PVC SCHEDULE 40
 - PROPOSED LIQUID-TIGHT FLEXIBLE CONDUIT, 25mm
 - EMBEDDED CONCRETE INSERT (SEE DETAIL SHEET #46)
 - UNDERPASS LUMINAIRE, HPSV, 100 WATT, 240 VOLT (SEE DETAIL SHEET #46).



SECTION D-D
PARTIAL PLAN-BOLLARD LOCATION AT S. ABUTMENT
(SIMILAR FOR ALL BOLLARDS)



SECTION B-B
(TYP. FOR P.P.C. BM. CONSTN.)

STREET LIGHTING - BILL OF MATERIAL - SHEETS 24 AND 25

PAY ITEM	UNIT	QTY.
CONDUIT ATTACHED TO STRUCTURE, 25MM DIA., GALVANIZED STEEL	METER	263.0
CONDUIT EMBEDDED IN STRUCTURE, 50MM DIA., PVC	METER	130.0
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 150MM X 150MM X 100MM	EACH	27
JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 300MM X 300MM X 200MM	EACH	7
UNDERPASS LUMINAIRE, (INSTALL ONLY)	EACH	15

- NOTES:**
- ALL EMBEDDED CONDUIT SHALL BE 50mm, PVC - SCH. 40, UNLESS OTHERWISE INDICATED.
 - ALL JUNCTION BOXES ATTACHED TO STRUCTURE SHALL BE STAINLESS STEEL, 150mmx150mmx100mm, UNLESS OTHERWISE NOTED.
 - ALL CONDUIT BENDS AND RADII SHALL BE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
 - FOR SECTION A-A, ABUTMENT AND PIER DETAILS AND QUANTITIES, SEE SHEET 25.

LIGHTING SHEET 24 OF 64

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM #1	MAY 27 2005	BRIDGE LIGHTING PLAN RAMPS B-1 AND B-4 OVER I-74 DRAWN BY DJK CHECKED BY MKR DATE: 11/12/04

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205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

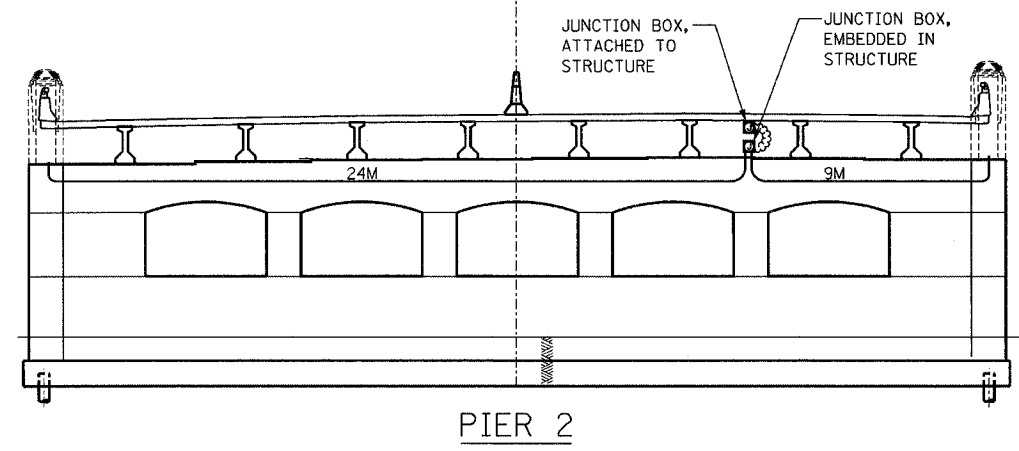
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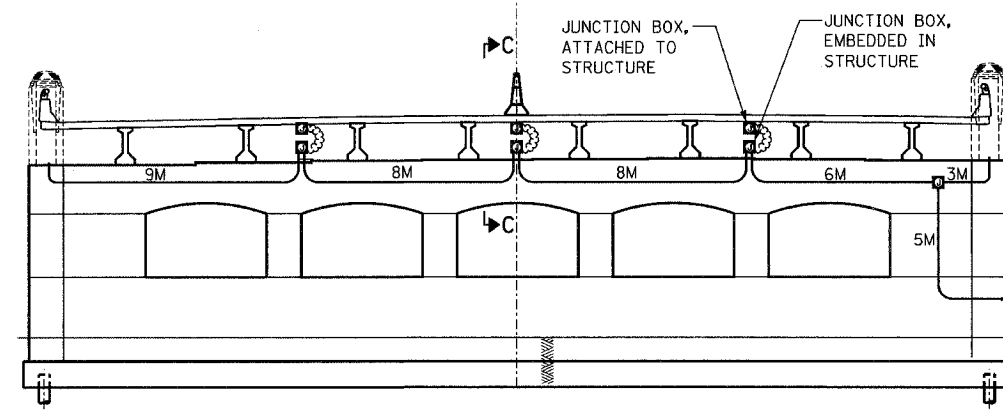
4/21/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1209
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

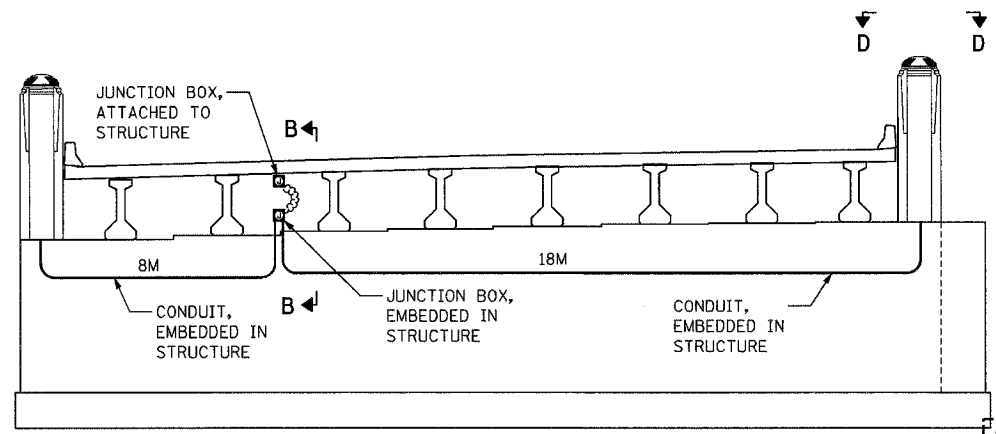
CONTRACT NO. 68200



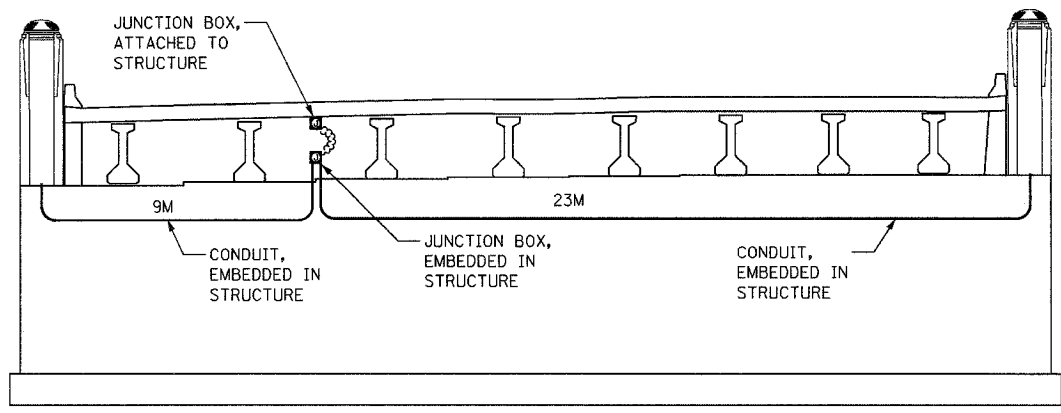
PIER 2



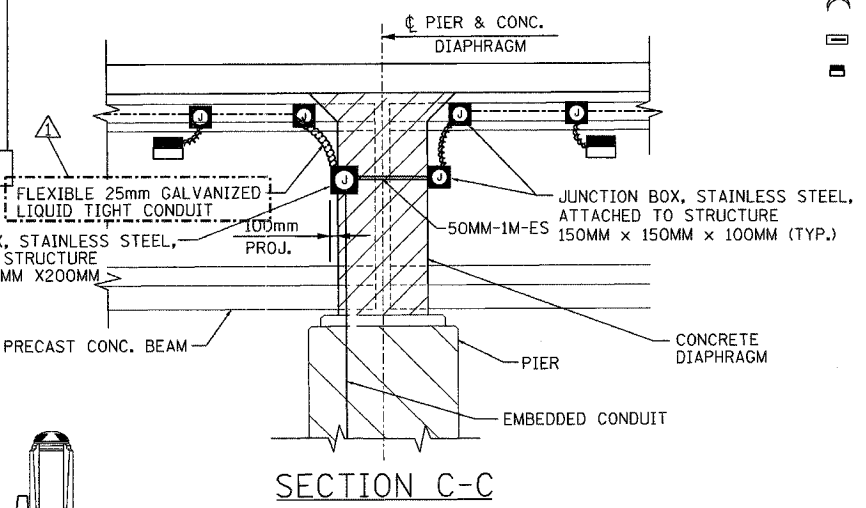
PIER 1 - SECTION A-A



SOUTH ABUTMENT ELEVATION
(LOOKING SOUTH)



NORTH ABUTMENT ELEVATION
(LOOKING NORTH)



SECTION C-C

- LEGEND**
- PROPOSED JUNCTION BOX
 - PROPOSED ATTACHED CONDUIT, 25mm DIA., GALVANIZED STEEL
 - PROPOSED EMBEDDED CONDUIT, 50mm DIA. PVC SCHEDULE 40
 - ⤿ PROPOSED LIQUID-TIGHT FLEXIBLE CONDUIT, 25mm
 - ▭ EMBEDDED CONCRETE INSERT (SEE DETAIL SHEET #46)
 - ⬜ UNDERPASS LUMINAIRE, HPSV, 100 WATT, 240 VOLT (SEE DETAIL SHEET #46).

- NOTES:**
1. ALL EMBEDDED CONDUIT SHALL BE 50mm, PVC - SCH. 40, UNLESS OTHERWISE INDICATED.
 2. ALL JUNCTION BOXES ATTACHED TO STRUCTURE SHALL BE STAINLESS STEEL, 150mmx150mmx100mm, UNLESS OTHERWISE NOTED.
 3. ALL JUNCTION BOXES EMBEDDED IN STRUCTURE SHALL BE STAINLESS STEEL, 300mmx300mmx200mm, UNLESS OTHERWISE NOTED.
 4. ALL CONDUIT BENDS AND RADII SHALL BE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
 5. FOR SECTION C-C AND D-D, SEE SHEET 24
 6. FOR QUANTITIES, SEE SHEET 24

LIGHTING SHEET 25 OF 64

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM #1	MAY 27 2005	BRIDGE LIGHTING PLAN RAMPS B-1 AND B-4 OVER I-74 DRAWN BY DJK CHECKED BY MKR DATE: 11/12/04

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

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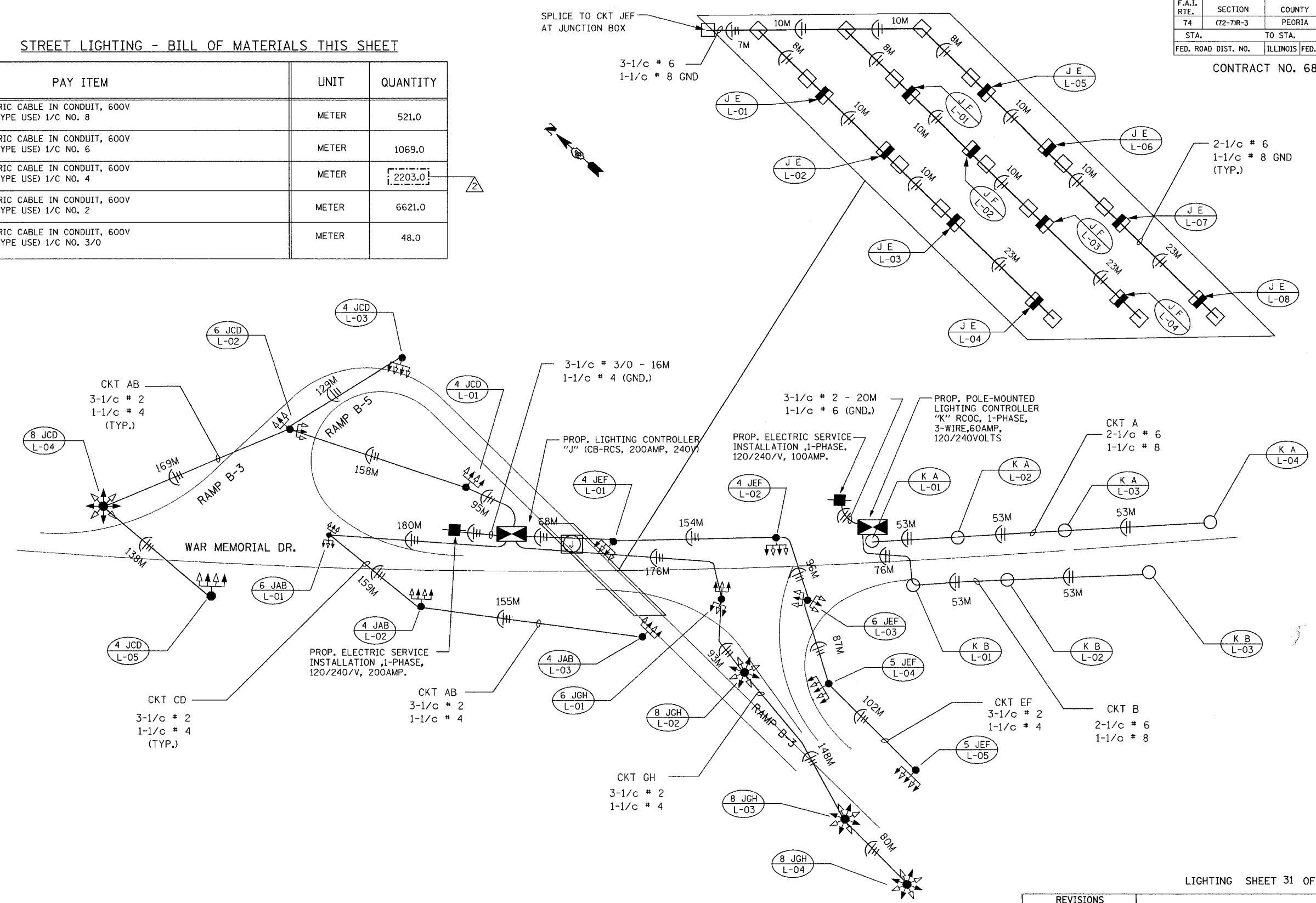
4/21/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1215
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68200

STREET LIGHTING - BILL OF MATERIALS THIS SHEET

PAY ITEM	UNIT	QUANTITY
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	METER	521.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	METER	1069.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	METER	2203.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	METER	6621.0
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	METER	48.0



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LIGHTING SHEET 31 OF 64

REVISED SHEET

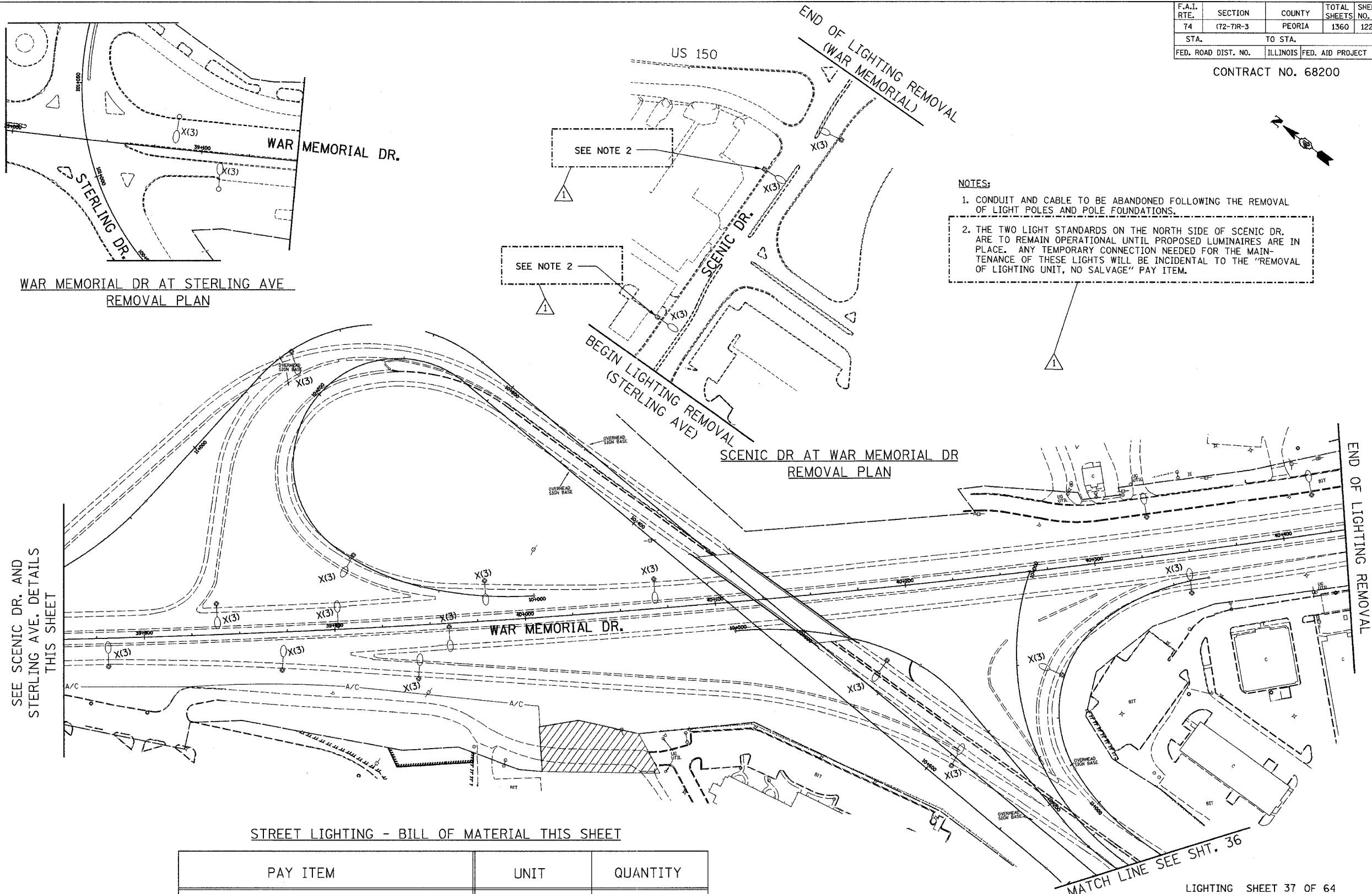
REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27, 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 WIRING DIAGRAM
 I-74
 WAR MEMORIAL DRIVE
 DRAWN BY DJK
 CHECKED BY MKR
 DATE: 11/12/04

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 205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1221
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200



- NOTES:
- CONDUIT AND CABLE TO BE ABANDONED FOLLOWING THE REMOVAL OF LIGHT POLES AND POLE FOUNDATIONS.
 - THE TWO LIGHT STANDARDS ON THE NORTH SIDE OF SCENIC DR. ARE TO REMAIN OPERATIONAL UNTIL PROPOSED LUMINAIRES ARE IN PLACE. ANY TEMPORARY CONNECTION NEEDED FOR THE MAINTENANCE OF THESE LIGHTS WILL BE INCIDENTAL TO THE "REMOVAL OF LIGHTING UNIT, NO SALVAGE" PAY ITEM.

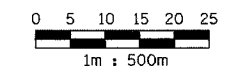
SEE SCENIC DR. AND STERLING AVE. DETAILS THIS SHEET

WAR MEMORIAL DR AT STERLING AVE REMOVAL PLAN

SCENIC DR AT WAR MEMORIAL DR REMOVAL PLAN

STREET LIGHTING - BILL OF MATERIAL THIS SHEET

PAY ITEM	UNIT	QUANTITY
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	5
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	14
POLE FOUNDATION, REMOVED	EACH	19



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REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
REMOVAL PLAN
WAR MEMORIAL DR.
STA. 39+640 TO STA. 40+000
DRAWN BY DJK
CHECKED BY MKR
DATE: 11/12/04

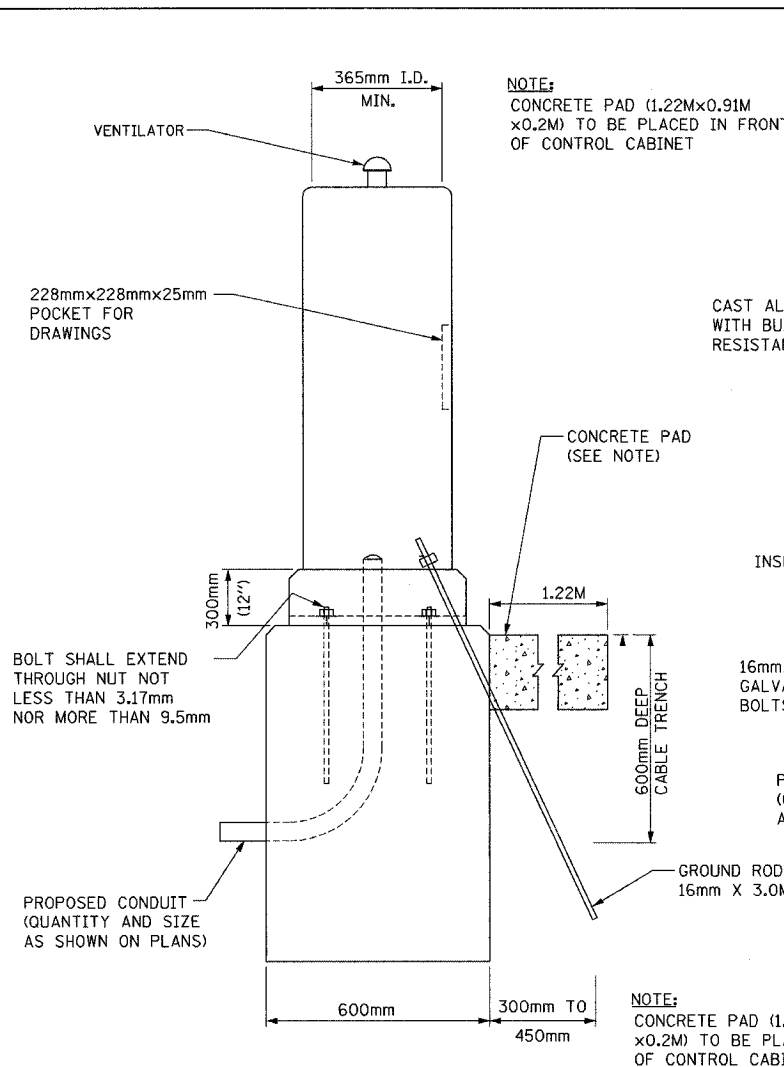
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4/21/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1224
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 68200

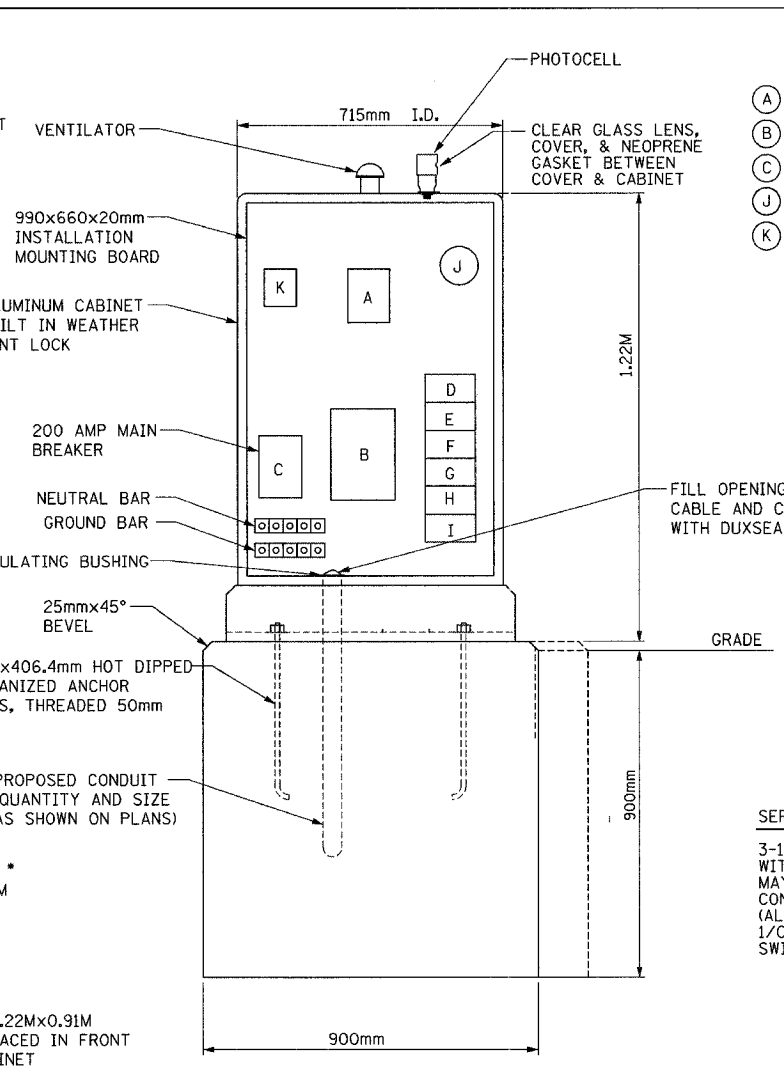


CABINET & FOUNDATION
(SIDE VIEW)

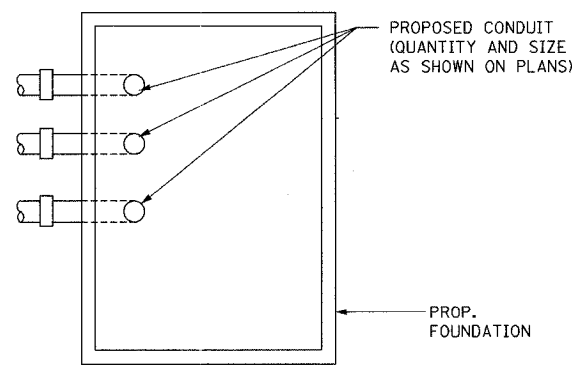
* THE COST OF THE GROUND ROD AND GROUND CLAMP SHALL BE INCLUDED IN THE PAY ITEM " LIGHTING CONTROLLER."

THE FOLLOWING SHALL BE INCLUDED IN THE CONTROLLER CABINET:
 -GFI SERVICE RECEPTACLE.
 -CAGE MOUNTED SERVICE LIGHT FIXTURE WITH ON/OFF SWITCH.
 -STEP DOWN TRANSFORMER WITH SECONDARY FUSING.

THESE ITEMS SHALL BE INCLUDED IN THE PAY ITEM " LIGHTING CONTROLLER TYPE CB-RCS , 200AMP-480VOLT "



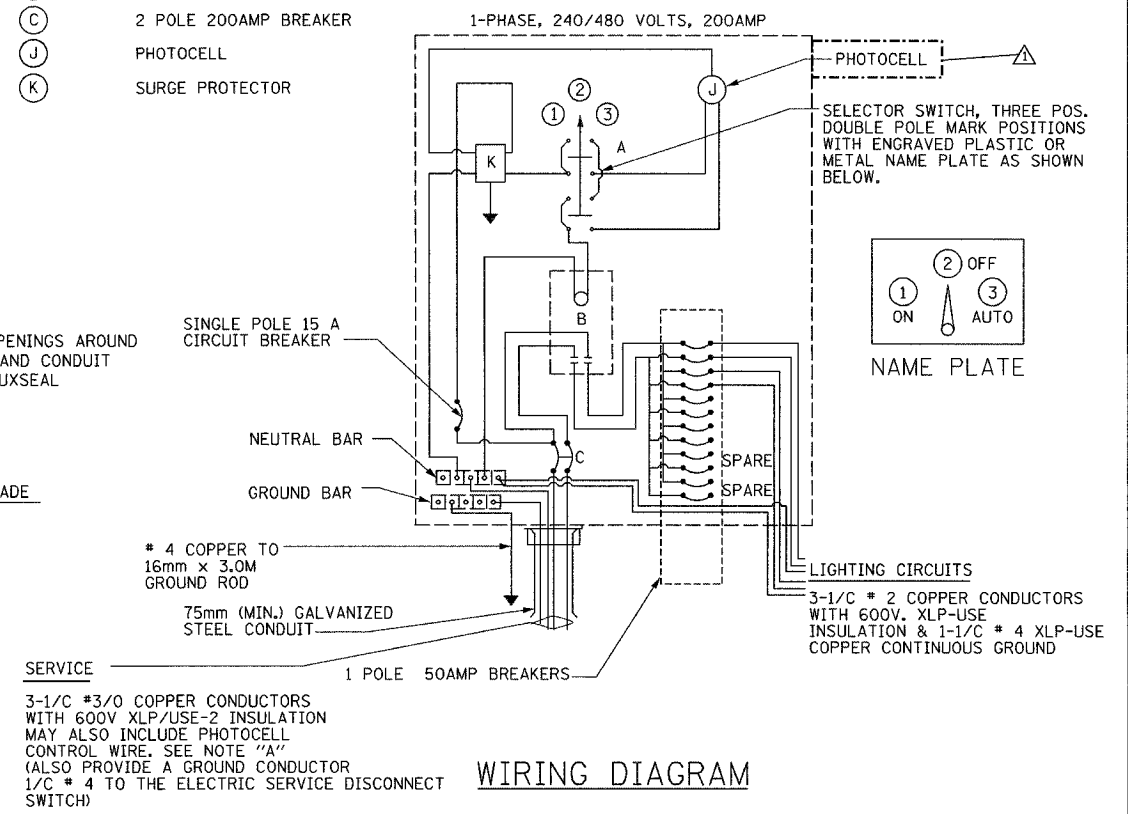
CABINET FOUNDATION & DIAGRAMMATIC ASSEMBLY
(FRONT VIEW)



TOP OF FOUNDATION

- (A)
- (B)
- (C)
- (J)
- (K)

- SELECTOR SWITCH
- 2 POLE 200AMP CONTACTOR
- 2 POLE 200AMP BREAKER
- PHOTOCELL
- SURGE PROTECTOR



WIRING DIAGRAM

NOTE:
 WIRING SHALL BE PANEL BOARD FASHION. ALL BENDS SHALL BE RIGHT ANGLES. ALL RUNS SHALL BE VERTICAL OR PARALLEL TO PANEL BOARD. WIRES SHALL BE GROUPED OR LACED

NOTE "A"
 THE UNDERGROUND SERVICE SHALL BE 9.14M MINIMUM AND 45.7M MAXIMUM. TOTAL AERIAL & UNDERGROUND SERVICE BETWEEN THE CONTROL INSTALLATION AND PRIMARY TRANSFORMER SHALL NOT EXCEED 76M.

LIGHTING SHEET 40 OF 64

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED LIGHTING CONTROLLER WIRING AND DETAILS
 TYPE CB-RCS-200

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

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 205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

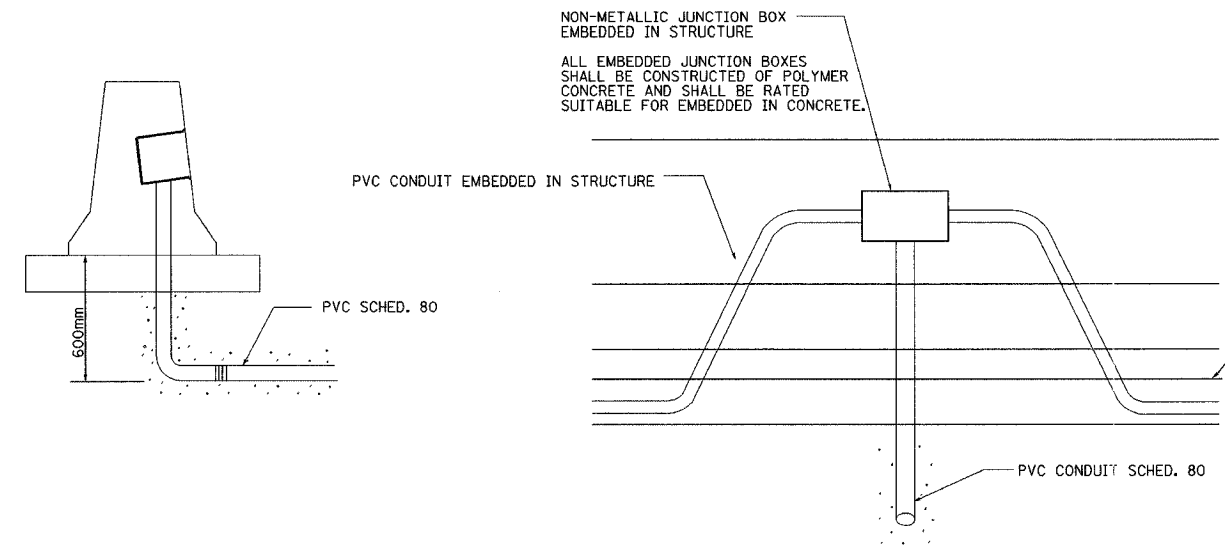
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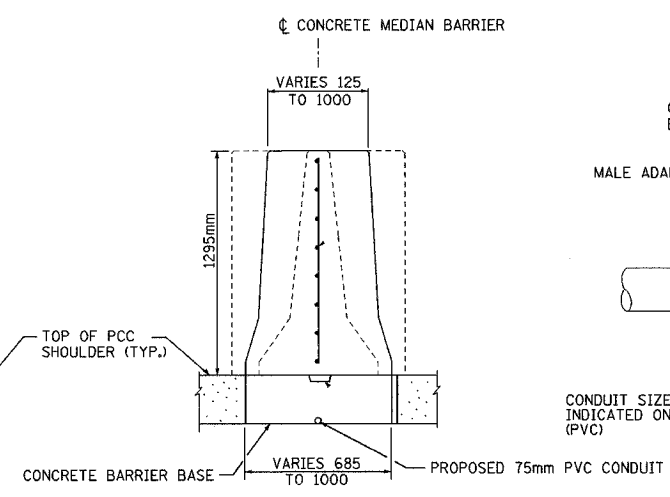
4/21/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3)	PEORIA	1360	1227
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

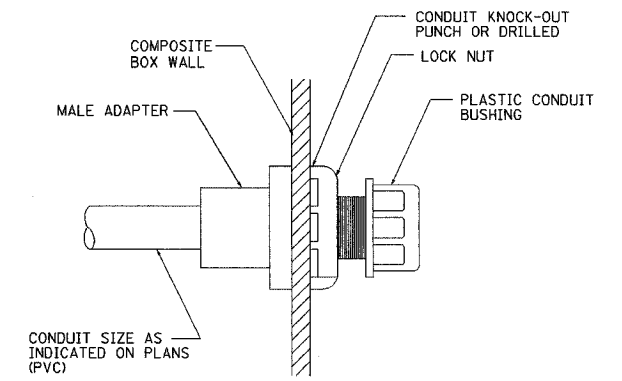
CONTRACT NO. 68200



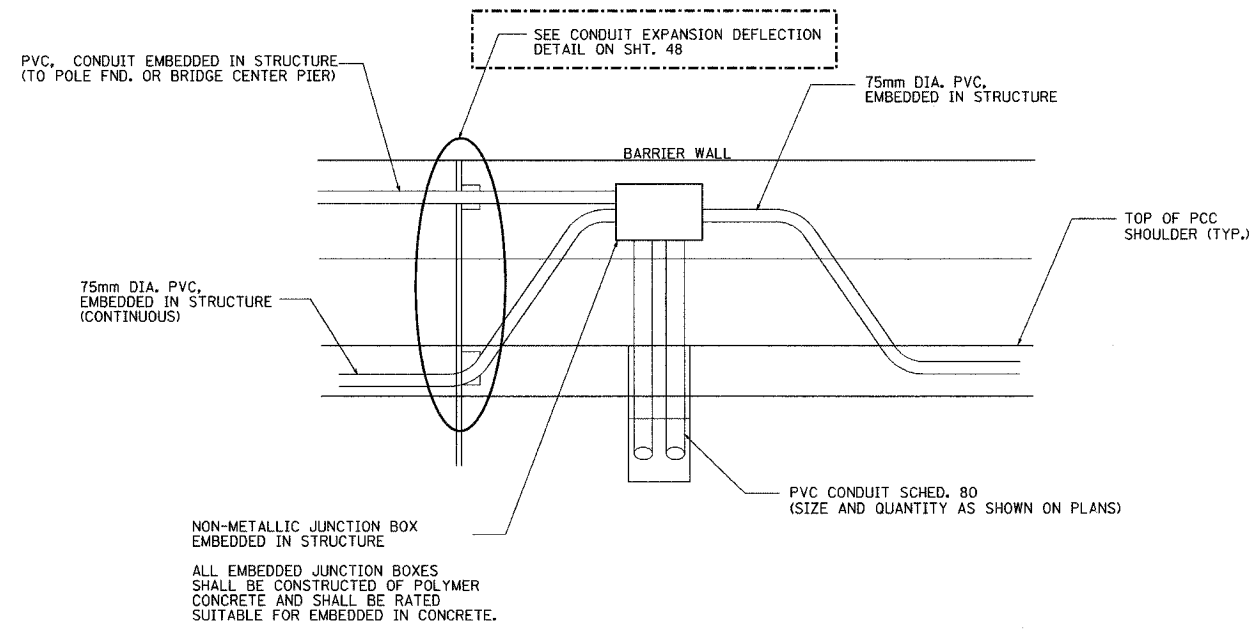
JUNCTION BOX EMBEDDED IN BARRIER WALL - DETAIL 1
N.T.S.



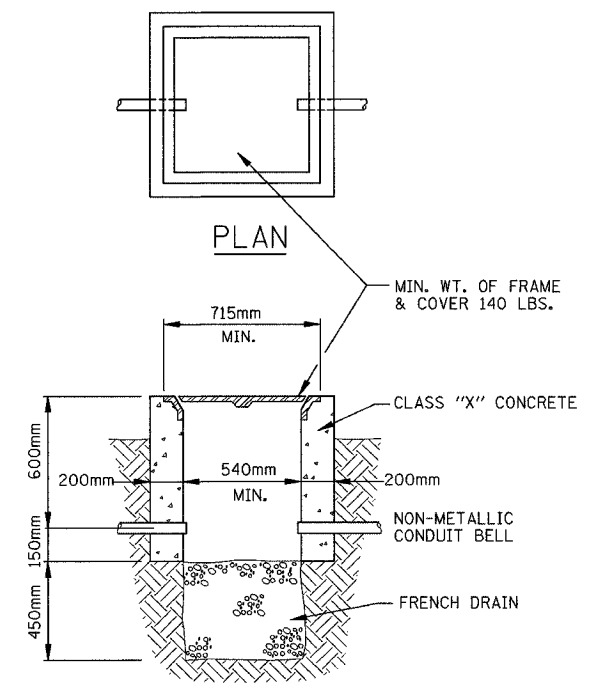
CONCRETE MEDIAN BARRIER
N.T.S.



CONDUIT BOX ENTRY
TYPICAL ALL BARRIER BOXES
N.T.S.



BARRIER WALL JUNCTION BOX -DETAIL 2
N.T.S.



SECTION
CONCRETE HANDHOLE

LIGHTING SHEET 43 OF 64

REVISED SHEET

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS LIGHTING DETAILS

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205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

DATE: 11/12/04
DRAWN BY JSS/MMK
CHECKED BY MKR

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4/21/2005

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1360	1235
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 68200

LIGHT TOWER FOUNDATION (TYPE 2 IN-FIELD)

POLE ID	HIGH MAST TOWER LOCATION			THEORETICAL TOP OF GROUND ELEV.	EMBEDDED SHAFT LENGTH (D) (METERS)	TOWER FDN. LENGTH (L) (METERS)	BORING LOG	LENGTH (X) OF REINF. (METERS)
	STATION	OFFSET	BASE LINE					
4 WEF L-01	143+938.6	40.3R	I-74 E.B.	185.060	9.800	10.400	n/a	10.250
8 JCD L-04	39+716.0	35L	War Mem.	192.096	4.900	5.500	HMSB 110	5.350
4 JCD L-05	39+807.0	31R	War Mem.	195.954	4.900	5.500	HMSB 111	5.350
4 JAB L-02	40+000.0	27R	War Mem.	194.000	4.900	5.500	HMSB 112	5.350
6 JCD L-02	39+864.0	107L	War Mem.	193.548	6.900	7.500	HMSB 113	7.350
6 JAB L-01	39+897.0	20.5L	War Mem.	193.500	6.800	7.400	11 (culvert)	7.250
4 JCD L-01	40+012.0	72L	War Mem.	195.946	4.900	5.500	HMSB 115	5.350
4 JCD L-03	39+953.0	166L	War Mem.	197.040	4.900	5.500	HMSB 116	5.350
4 JEF L-01	40+123.0	23L	War Mem.	195.833	4.900	5.500	HMSB 117	5.350
4 JAB L-03	40+145.0	53R	War Mem.	198.231	4.900	5.500	HMSB 118	5.350
8 JGH L-02	143+420.7	237.7L	I-74 E.B.	195.078	5.200	5.800	HMSB 119	5.650
4 JEF L-02	40+266.0	23L	War Mem.	194.247	4.900	5.500	HMSB 120	5.350
6 JGH L-01	40+208.0	24R	War Mem.	192.900	5.600	6.200	HMSB 121	6.050
6 JEF L-03	40+276.0	27R	War Mem.	191.121	6.100	6.700	HMSB 122	6.550
6 JEF L-04	143+474.4	213L	I-74 E.B.	192.602	5.500	6.100	HMSB 123	5.950
6 JEF L-05	143+527.2	117.4L	I-74 E.B.	193.207	6.000	6.600	HMSB 124	6.450
8 JGH L-03	143+461.1	106L	I-74 E.B.	192.523	4.900	5.500	HMSB 11a	5.350
6 SHI L-05	143+415.0	28L	I-74 E.B.	193.314	6.200	6.800	HMSB 125	6.650
8 JGH L-04	143+504.0	44L	I-74 E.B.	191.760	4.900	5.500	HMSB 126	5.350
8 WCD L-02	143+581.5	50L	I-74 E.B.	192.583	5.900	6.500	HMSB 127	6.350
4 WCD L-01	143+704.0	55L	I-74 E.B.	189.325	4.900	5.500	HMSB 128	5.350
4 WEF L-05	143+639.4	65.2R	I-74 E.B.	194.720	4.900	5.500	HMSB 129	5.350
4 WEF L-04	143+741.7	149.2R	I-74 E.B.	191.340	4.900	5.500	HMSB 130	5.350
4 WEF L-03	143+868.3	218R	I-74 E.B.	183.282	4.900	5.500	HMSB 131	5.350
8 WEF L-02	143+989.7	110.6R	I-74 E.B.	184.742	5.800	6.400	HMSB 132	6.250
4 WEF L-06	144+092.0	63R	I-74 E.B.	182.036	4.900	5.500	HMSB 133	5.350
5 SHI L-01	142+902.6	29.4L	I-74 E.B.	198.602	7.000	7.600	ML-18A	7.450
5 SHI L-02	143+067.5	27L	I-74 E.B.	194.930	6.800	7.400	HMSB 7	7.250
5 SHI L-03	143+206.0	32.5L	I-74 E.B.	197.333	9.100	9.700	RWA 3S-13	9.550
6 SHI L-04	143+290.0	32L	I-74 E.B.	195.776	9.100	9.700	RWA 3N-6	9.550
5 GCD L-01	145+554.2	66.6L	I-74 E.B.	174.467	4.900	5.500	HMSB 34	5.350
5 GCD L-02	145+715.2	57.6L	I-74 E.B.	170.275	5.900	6.500	HMSB 36	6.350



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\$TIMES\$

\$DATES\$

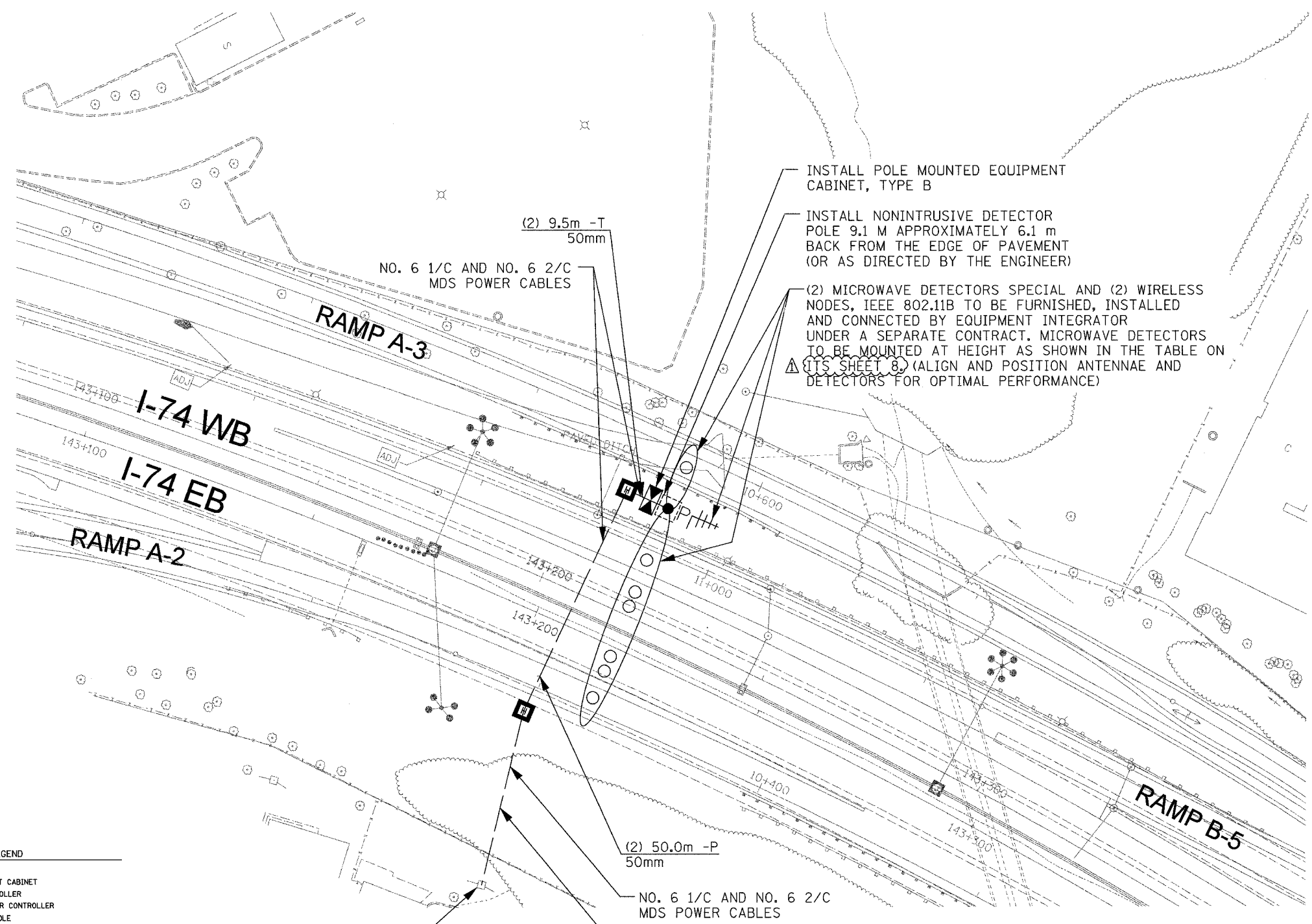
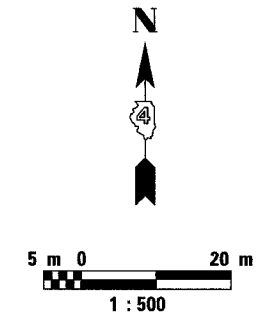
LIGHTING SHEET 51 OF 64

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
ADDENDUM #1	MAY 27 2005	
LIGHT TOWER FOUNDATION (TYPE 2 IN-FIELD)		DRAWN BY CDF CHECKED BY RJW
DATE: 11/12/04		



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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1360	1337
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
68200				



INSTALL POLE MOUNTED EQUIPMENT CABINET, TYPE B

INSTALL NONINTRUSIVE DETECTOR POLE 9.1 M APPROXIMATELY 6.1 m BACK FROM THE EDGE OF PAVEMENT (OR AS DIRECTED BY THE ENGINEER)

(2) MICROWAVE DETECTORS SPECIAL AND (2) WIRELESS NODES, IEEE 802.11B TO BE FURNISHED, INSTALLED AND CONNECTED BY EQUIPMENT INTEGRATOR UNDER A SEPARATE CONTRACT. MICROWAVE DETECTORS TO BE MOUNTED AT HEIGHT AS SHOWN IN THE TABLE ON ITS SHEET 8. (ALIGN AND POSITION ANTENNAE AND DETECTORS FOR OPTIMAL PERFORMANCE)

INSTALL SERVICE INSTALLATION, TYPE B (POWER SERVICE DROP BY OTHERS)

NOTES:

1. TRAFFIC CONTROL AT THIS LOCATION SHALL CONFORM TO IDOT STANDARDS 701101 AND 701106.

MDS SYSTEM LEGEND

PROPOSED	EXISTING	DESCRIPTION
[Symbol]	[Symbol]	MDS EQUIPMENT CABINET
[Symbol]	[Symbol]	MASTER CONTROLLER
[Symbol]	[Symbol]	MASTER MASTER CONTROLLER
[Symbol]	[Symbol]	DOUBLE HANDHOLE
[Symbol]	[Symbol]	HANDHOLE
[Symbol]	[Symbol]	HEAVY DUTY HANDHOLE
[Symbol]	[Symbol]	COMMUNICATIONS VAULT
[Symbol]	[Symbol]	G.S. CONDUIT IN TRENCH OR PUSHED
[Symbol]	[Symbol]	INDUCTIVE LOOP DETECTOR
[Symbol]	[Symbol]	PROPOSED INTERCONNECT CABLE NO. 62.5/125 2-MM12F & 5M12F FIBER OPTIC CABLE
[Symbol]	[Symbol]	EXISTING INTERCONNECT CABLE NO. 62.5/125 12F FIBER OPTIC CABLE
[Symbol]	[Symbol]	INTERCONNECT CABLE NO. 18 3 PAIR TWISTED, SHIELDED
[Symbol]	[Symbol]	LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
[Symbol]	[Symbol]	TRACER CABLE NO. 14 1/C
[Symbol]	[Symbol]	SAMPLING (SYSTEM) DETECTORS
[Symbol]	[Symbol]	EXISTING INTERSECTION DETECTORS AND PROPOSED SAMPLING (SYSTEM) DETECTORS
[Symbol]	[Symbol]	EXISTING SAMPLING (SYSTEM) DETECTORS AND PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS
[Symbol]	[Symbol]	TELEPHONE CONNECTION
[Symbol]	[Symbol]	COMMON TRENCH
[Symbol]	[Symbol]	UNIT DUCT
[Symbol]	[Symbol]	INTERSECTION

BILL OF MATERIALS

PAY ITEM	UNIT	QUANTITY
SERVICE INSTALLATION, TYPE B	EACH	1
HEAVY-DUTY HANDHOLE	EACH	2
CONDUIT IN TRENCH, 50MM DIA., PVC	METER	56.0
CONDUIT PUSHED, 50MM DIA., PVC	METER	100.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	46.5
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	METER	109.0
CONCRETE FOUNDATION, TYPE E 600MM DIAMETER	METER	2.5
NONINTRUSIVE DETECTOR POLE 9.1 M	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	METER	109.0
POLE MOUNTED EQUIPMENT CABINET, TYPE B	EACH	1

ITS SHEET 6 OF 13

REVISIONS	
NAME	DATE
ADDENDUM #1	MAY 27 2005

ILLINOIS DEPARTMENT OF TRANSPORTATION
ITS PLAN

MDS-I74-02 (STA 143+215)
MICROWAVE DETECTOR
STATION SITE LAYOUT

SCALE DATE 11/02/04 DRAWN BY MJL CHECKED BY GFR



PRINTED: 04/20/2005

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