

**PAVEMENT STATIONING NUMBERS & PLACEMENT**

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20mm) WIDE, 5 INCHES (125mm) HIGH AND 5/8 INCH (15mm) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL – 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS – 6 INCHES (150mm) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

**LOCATION:**

- \* 2, 3 & 5 LANE PAVEMENTS – RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- \* MULTI-LANE DIVIDED ROADWAYS – OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- \* RAMPS – ALONG BASELINE EDGE OF PAVEMENT

POSITION – STATIONS SHALL BE PLACE SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT – ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)" WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE USE(S):	SURFACE COURSE (MAINLINE, MEDIAN TURNAROUND, CROSSOVER, RAMPS)	BINDER COURSE (MAINLINE, MEDIAN TURNAROUND, CROSSOVER)	LEVELING BINDER (RAMPS)	BITUMINOUS SHOULDER (TOP LIFT)	BITUMINOUS SHOULDER (BOTTOM LIFT & HOT-MIX ASPHALT BASE CSE 8")
AC/PC:	SBS OR SBR 76-22	SBS OR SBR 76-22	SBS OR SBR 76-22	PG 64-22	PG 64-22
RAP % (MAX)**:	10%	10%	0%	15%	25%
DESIGN AIR VOIDS:	4.0% @ N=90	4.0% @ N=90	3.0% @ N=50	3.0% @ N=50	4.0% @ N=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 19.0	IL 4.75	IL 9.5 OR IL 12.5	IL 19.0
FRICTION AGGREGATE	MIXTURE D (DOLOMITE ONLY)	N.A.	N.A.	MIXTURE C	N.A.

\*\* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED; THIS WILL BE DETERMINED BY THE ENGINEER.

NOTE: PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" SHALL CONSIST OF 2" OF HOT-MIX ASPHALT SURFACE COURSE, MIX E, IL 9.5 OR IL 12.5, N90 OVER 8" OF HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90.

**MINIMUM VERTICAL CLEARANCE**

THE CONTRACTOR SHALL VERIFY THE EXISTING STRUCTURE VERTICAL CLERANCE PRIOR TO PLACING BITUMINOUS OVERLAY UNDER ANY STRUCTURE. A MINIMUM 14'-00" VERTICAL CLEARANCE SHALL BE MAINTAINED UNDER S.N. 048-0012 AND 14'-8" UNDER S.N. 048-0011.

**BUTT JOINT CUTTING TIME RESTRICTION**

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

**PAVING SURFACE COURSE**

CONTINOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

**NAME PLATE RELOCATION ON METAL PLATE BRIDGE RAIL**

NAME PLATES THAT WILL BE REMOVED AS A RESULT OF THIS WORK SHALL BE RELOCATED ON THE METAL PLATE, BRIDGE RAIL OR CONCRETE PARAPET WALL AS DIRECTED BY THE ENGINEER. THE COST OF REMOVING AND REPLACING THE NAME PLATES, INCLUDING ALL NECESSARY FASTENERS, WILL NOT BE MEASURED OR PAID FOR SEPARATELY BUT WILL BE CONSIDER INCIDENTAL TO THE CONTRACT.

**ENGINEERS FIELD OFFICE**

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (i) AND 670.04 (e): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

2 REVISIED SHEET 2/18/09

FILE NAME = 68682 PLANS - Revised sheets as 02-09-09.dgn	USER NAME = tor-03	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	COMMITMENTS, GENERAL NOTES & JOB SPECIFIC NOTES	F.A.I. RTE. 74	SECTION 48(27RS-3) (27HB-5)I, 1-1)	COUNTY KNOX	TOTAL SHEETS 104	SHEET NO. 3	
PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISIED -	SCALE:			SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 68062			
PLOT DATE = 2/9/2009	DATE -	REVISIED -									

URBAN

90% FED.  
10% STATE

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	I000-2A	SFTY - 2A	Y080
2 40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	6,755	6,755		
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	4,269	4,269		
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	558	558		
42001200	PAVEMENT FABRIC	SQ YD	147	147		
42001300	PROTECTIVE COAT	SQ YD	2,301	558	1,743	
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	112	112		
44000100	PAVEMENT REMOVAL	SQ YD	4,269	4,269		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	124,563	124,563		
44004250	PAVED SHOULDER REMOVAL	SQ YD	315	315		
44200577	CLASS A PATCHES, TYPE II, 12 INCH	SQ YD	653	653		
44200581	CLASS A PATCHES, TYPE III, 12 INCH	SQ YD	238	238		
44200583	CLASS A PATCHES, TYPE IV, 12 INCH	SQ YD	499	499		
44201031	CLASS B PATCHES, TYPE II, 15 INCH	SQ YD	1,916	1,916		
44201035	CLASS B PATCHES, TYPE III, 15 INCH	SQ YD	59	59		
44201037	CLASS B PATCHES, TYPE IV, 15 INCH	SQ YD	88	88		
44213000	PATCHING REINFORCEMENT	SQ YD	1,389	1,389		
44213200	SAW CUTS	FOOT	13,596	13,596		
44300900	STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM A	FOOT	3,105	3,105		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,312	2,312		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	9,711	9,711		
50102400	CONCRETE REMOVAL	CU YD	33.6		33.6	
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	2		2	
50105220	PIPE CULVERT REMOVAL	FOOT	1,052	1,052		
50200100	STRUCTURE EXCAVATION	CU YD	124		124	
50300100	FLOOR DRAINS	EACH	16		16	

2 REVISED 2/18/09

SUMMARY OF QUANTITIES

URBAN

90% FED.  
10% STATE

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	I000-2A	SFTY - 2A	Y080
50300300	PROTECTIVE COAT	SQ YD	1,743		1,743	
50300225	CONCRETE STRUCTURES	CU YD	20.6		20.6	
50300255	CONCRETE SUPERSTRUCTURES	CU YD	566.3		566.3	
50300260	BRIDGE DECK GROOVING	SQ YD	1,448	513	935	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	154,060		154,060	
50800515	BAR SPLICERS	EACH	164		164	
51500100	NAME PLATES	EACH	2		2	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	172		172	
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	24		24	
52100520	ANCHOR BOLTS, 1"	EACH	48		48	
54002050	EXPANSION BOLTS 3/4 INCH X 9 INCH	EACH	120	120		
5421A012	PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)	FOOT	102	102		
5421A018	PIPE CULVERTS, CLASS A, TYPE 1 18" (TEMPORARY)	FOOT	950	950		
58700300	CONCRETE SEALER	SQ FT	964		964	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	82		82	
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	2	2		
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	224		224	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2		
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3		
60500040	REMOVING MANHOLES	EACH	5	5		
* 63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	6,050	6,050		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	8	8		
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	4	4		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	12	12		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3		
63200310	GUARDRAIL REMOVAL	FOOT	6,238	6,238		

\* SPECIALTY ITEM

2 REVISIED 2/18/09

FILE NAME = 68602 PLANS .dgn

USER NAME = torojs  
PLOT SCALE = 40,0000' / IN.  
PLOT DATE = 12/12/2008

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
SCALE: SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
74 48(27RS-3; (27HB-5)I, I-1) KNOX 104 6  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 68062

URBAN

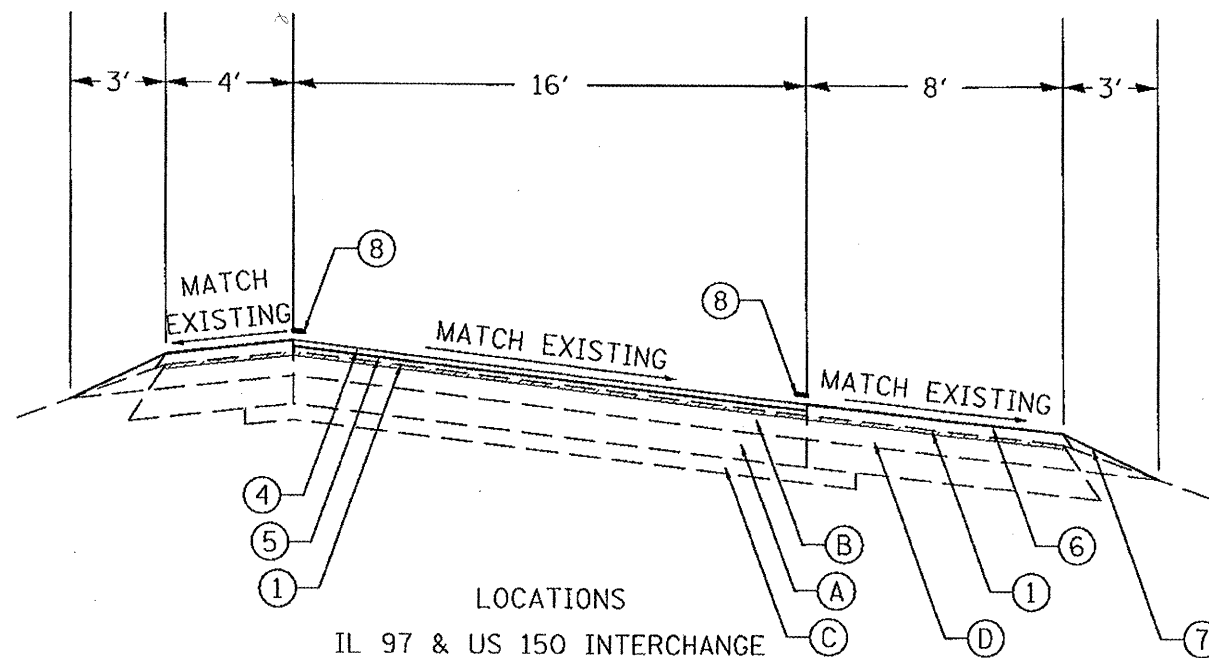
SUMMARY OF QUANTITIES

← 90% FED. 10% STATE →

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	I000-2A	SFTY - 2A	Y080
63500110	DELINEATORS (SPECIAL)	EACH	4	4		
64200105	SHOULDER RUMBLE STRIP	FOOT	50,912	50,912		
66400305	CHAIN LINK FENCE, 6'	FOOT	110	110		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	10		
67100100	MOBILIZATION	L SUM	1	1		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1	2	
70100410	TRAFFIC CONTROL AND PROTECTION, STANDARD 701416	EACH	2	2		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4	2	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1		
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	45	45		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	16		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	20,556	20,556		
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	30,238	30,238		
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	60,304	60,304		
70300635	TEMPORARY PAINT PAVEMENT MARKING LINE 6"	FOOT	6,702	6,702		
70300640	TEMPORARY PAINT PAVEMENT MARKING LINE 8"	FOOT	928	928		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	11,795	11,795		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,092	1,092		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,044	1,044		
78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	60,304	60,304		
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	6,702	6,702		
78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	928	928		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	399	399		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	397	397		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	80	80		

\* SPECIALTY ITEM

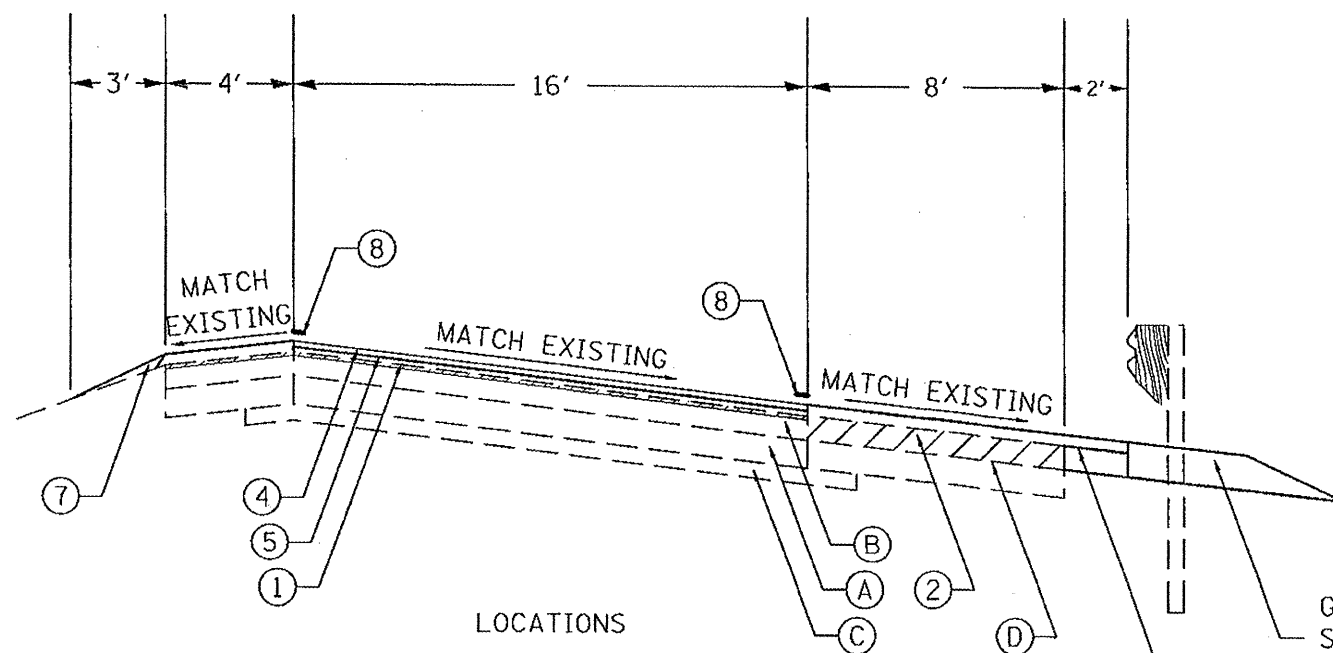
2 REVISED SHEET 2/18/09



LOCATIONS  
 IL 97 & US 150 INTERCHANGE  
 RAMP A - STA. 0+00.00 TO 5+82.90  
 RAMP A - STA. 7+89.50 TO 10+22.30  
 RAMP B - STA. 1+58.90 TO 11+20.00

**LEGEND - EXISTING**

- (A) PCC PAVEMENT (7" EB, 10" WB & RAMPS)
- (B) 4 1/2" - 5" BIT. OVERLAY
- (C) SUB-BASE GRAN. MAT., TYPE A
- (D) BITUMINOUS SHOULDER
- (E) COMB. CONC. CURB & GUTTER TYPE B-9.06
- (F) PIPE UNDERDRAIN
- (G) STEEL PLATE BEAM GUARDRAIL
- (H) BITUMINOUS PAVEMENT



LOCATIONS  
 IL 97 & US 150 INTERCHANGE  
 RAMP A - STA. 4+35.00 TO 7+89.50

**LEGEND - PROPOSED**

- (1) HMA SURFACE REMOVAL, 1-1/2"
- (2) SHOULDER REMOVAL, 8"
- (3) HMA BINDER CSE., 2-1/4"
- (4) HMA SURFACE CSE., 1-1/2"
- (5) HMA LEVELING BINDER, 3/4"
- (6) HMA SHOULDER, 3-3/4"
- (7) AGGREGATE SHOULDER, TYPE B
- (8) EPOXY PAVEMENT MARKING
- (9) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B
- (10) SHOULDER RUMBLE STRIP
- (11) STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM A

GUARDRAIL AGGREGATE EROSION CONTROL:  
 SEE DISTRICT CADD STANDARD 630101  
 (6) AT THIS LOCATION BITUMINOUS SHOULDER IS 8" THICK

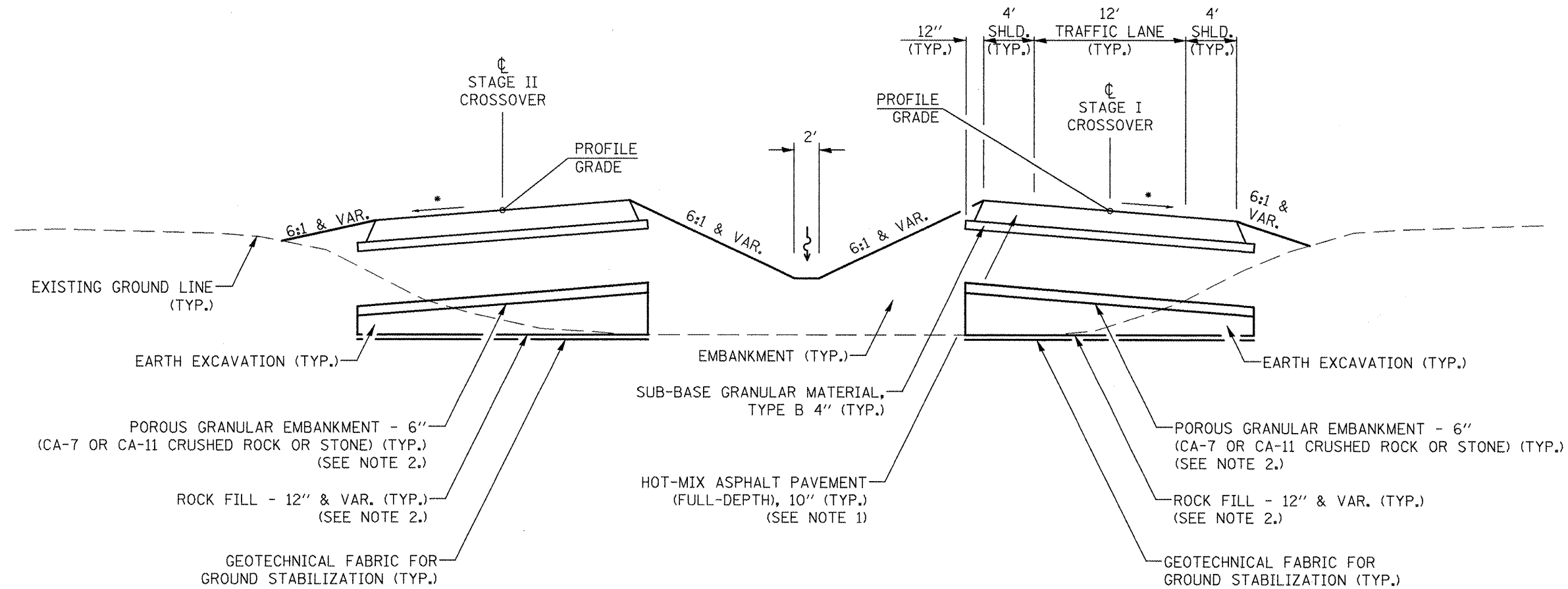
**REVIS**ED SHEET 2/18/09

FILE NAME *	USER NAME = tarojs	DESIGNED -	REVISED -
68602 PLANS - Revised sheets as 01-02-09 .dgn		DRAWN -	REVISED -
	PLDT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLDT DATE = 1/2/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS - RAMPS	
SCALE:	SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48127RS-3; (27HB-5II, I-1)	KNOX	104	11
CONTRACT NO. 68062				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**TYPICAL SECTION  
TEMPORARY CROSSOVERS**

\* SEE CROSSOVER PLAN & PROFILE SHEETS FOR CROSS SLOPE TRANSITION TABLE.

NOTES:

1. PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10" SHALL CONSIST OF 2" OF HOT-MIX ASPHALT SURFACE COURSE, MIX "0", IL-9.5 OR IL-12.5, N90 OVER 8" OF HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90.
2. PREPARATION OF THE EXISTING GROUND SURFACE SHALL BE PER ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. USAGE OF UNDERCUT AND THE ROCK FILL/POROUS GRANULAR EMBANKMENT TREATMENT SHALL BE AS DIRECTED BY THE ENGINEER.

2 REVISIONS      2/18/09

FILE NAME =	USER NAME = torojs	DESIGNED - OWR	REVISED -
typsec.crossover - Modified 12-18-08 by	ATR:dgn	DRAWN - OWR	REVISED -
	PLOT SCALE = 48.0000' / IN.	CHECKED - FML	REVISED -
	PLOT DATE = 12/12/2008	DATE - 10/2008	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTION - CROSSOVER</b>	
<b>I-74 OVER TOWNSHIP ROAD 205</b>	
SCALE:	SHEET NO. -- OF -- SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27RS-3; 27HB-5)I, I-1)	KNOX	104	13
CONTRACT NO. 68062				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

PATCHING SCHEDULE											
LOCATION	CLASS A PATCHES - 12 INCH			CLASS B PATCHES - 15 INCH			PATCHING REINFORCEMENT	PAVEMENT FABRIC	SAW CUTS	DOWEL BARS 1/2"	TIE BARS 1/4"
	TYPE II	TYPE III	TYPE IV	TYPE II	TYPE III	TYPE IV					
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD					
MAIN LINE											
EB - STA. 514+22 TO STA. 649+17.40	645.34	237.60	498.68				1,381.62		4,474.8		
WB - STA. 518+67.40 TO STA. 649+40				1,704.28	58.66	88.00		146.66	7,924.4	4,290	24
RAMPS											
RAMP A - STA. 0+00 TO STA. 9+92.30				27.38					136.4	46	
RAMP B - STA. 1+88.90 TO STA. 17+80				62.58					352.0	123	
RAMP C - STA. 0+00 TO STA. 12+88				74.32					400.4	139	
RAMP D - STA. 1+55.20 TO STA. 11+20	7.82			46.93			7.82		308.0	92	
TOTAL	653	238	499	1,916	59	88	1,389	147	13,596	4,690	24

DELINEATORS (SPECIAL)		
LOCATION	REFLECTORS	
	2 AMBER	3 AMBER
MEDIAN TURNAROUND	EACH	EACH
EB - LT. STA. 597+45	1	
EB - LT. STA. 589+45		1
WB - LT. STA. 598+05	1	
WB - LT. STA. 606+05		1
SUB-TOTAL	2	2
TOTAL	4	

BRIDGE APPROACH SCHEDULE		
LOCATION	PAVEMENT	CONNECTOR
	SQ YD	SQ YD
EB - STA. 569+31.49	139.43	27.89
EB - STA. 570+73.03	139.43	27.89
WB - STA. 569+20.52	139.43	27.89
WB - STA. 570+62.06	139.43	27.89
SUB-TOTAL	557.72	111.56
TOTAL	558	112

TEMPORARY RAMPS	
LOCATION	SQ YD
EB - STA. 513+62	26.7
EB - STA. 649+77.40	26.7
WB - STA. 518+07.10	26.7
WB - STA. 650+00	26.7
RAMP A - STA. 10+22.30	8.9
RAMP B - STA. 1+58.90	8.9
RAMP C - STA. 13+18	8.9
RAMP D - STA. 1+25.20	8.9
SUB-TOTAL	142.4
TOTAL	142

CONSTRUCTING TEST STRIP	
LOCATION	EACH
JOBSITE	2
TOTAL	2

MOBILIZATION	
LOCATION	LUMP SUM
JOBSITE	1
TOTAL	1

GRADING AND SHAPING DITCHES	
LOCATION	FOOT
EB - RT. STA. 622+72.60 TO 623+27.30	54.7
WB - RT. STA. 553+07.40 TO 554+63.20	155.8
WB - RT. STA. 604+23.40 TO 604+95.90	72.5
WB - RT. STA. 635+03.20 TO 635+83.20	80.0
TOTAL	363

MOWING	
LOCATION	UNIT
JOBSITE	272
TOTAL	272

MATERIAL TRANSFER DEVICE	
LOCATION	TON
JOBSITE - BINDER	9,037
JOBSITE - SURFACE	6,755
TOTAL	15,792

ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	CAL MO
JOBSITE	10
TOTAL	10

2 REVISED 2/18/09

**TABULATION OF RESURFACING QUANTITIES**

LOCATION	POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 3/2	POLYMERIZED HMA BINDER COURSE, IL-19.0, N90	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)		AGGREGATE (PRIME COAT)		HOT-MIX ASPHALT SHOULDERS		AGGREGATE SHOULDERS, TYPE B		HMA BASE COURSE, 8"	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL 1/2"
	TONS	TONS	TONS	TONS		TONS		TONS		TONS		TONS	TONS	TONS
MAINLINE				COLD MILLED	FOG COAT	COLD MILLED	FOG COAT	LT	RT	LT	RT			
EB - LT. STA. 513+62 TO STA. 649+77.40	3,040.52	4,572.59		22.57	6.77	112.90	56.45	1,429.37		513.13			506.6	55,950.21
EB - RT. STA. 513+62 TO STA. 649+77.40											3,078.37			
WB - LT. STA. 518+07.10 TO STA. 650+00	2,945.38	4,429.52		21.87	6.56	109.42	54.71	1,400.39		497.07			506.6	54,201.58
WB - RT. STA. 518+07.10 TO STA. 650+00														
RAMPS														
RAMP A - LT. STA. 0+60 TO STA. 10+22.30	153.86		76.63	1.26	0.38	6.32	3.15	53.89		36.57			93.3	3,060.49
RAMP A - RT. STA. 0+00 TO STA. 10+22.30														
RAMP B - LT. STA. 9+61.80 TO STA. 15+00	243.98		121.51	1.83	0.55	9.13	4.56	29.96		20.33			93.3	4,507.38
RAMP B - RT. STA. 1+58.90 TO STA. 17+80														
RAMP C - LT. STA. 0+00 TO STA. 6+41	198.36		98.80	1.53	0.45	7.61	3.80	36.40		24.70			93.3	3,723.56
RAMP C - RT. STA. 0+00 TO STA. 13+18														
RAMP D - LT. STA. 1+25.20 TO STA. 8+50	149.72		74.57	1.19	0.37	5.95	2.97	41.31		27.54			93.3	2,881.60
RAMP D - RT. STA. 1+25.20 TO STA. 11+20														
MEDIAN TURNAROUND														
STA. 597+75	23.16	34.79		0.10	0.03	0.48	0.28					2,454.90		238.33
<b>SUBTOTAL</b>	<b>6,754.98</b>	<b>9,036.90</b>	<b>371.51</b>	<b>50.35</b>	<b>15.11</b>	<b>251.53</b>	<b>125.92</b>	<b>2,991.32</b>	<b>6,719.65</b>	<b>1,119.34</b>	<b>1,192.45</b>	<b>2,454.90</b>	<b>1,386.4</b>	<b>124,563.15</b>
<b>TOTAL</b>	<b>6,755</b>	<b>9,037</b>	<b>372</b>	<b>66*</b>		<b>377</b>		<b>9,711</b>		<b>2,312</b>		<b>2,455</b>	<b>1,387</b>	<b>124,563</b>

\*ADD QUANTITY FOR TEMPORARY CROSS-OVER FROM SHEET 19. (TOTAL = 66 + 3.3 = 69.3).

SURFACE TYPE	BIT PR COAT	AGG PR COAT
	(GAL/SQ YD)	(LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW HMA COURSES	0.03	2

SURFACE TYPE	LB/SQ YD/IN	TONS/CU YD
	HMA SURF. COURSES	112
ALL OTHER HMA	112	2.016
AGGREGATE SHOULDERS	114	2.05

△ REVISÉD 2/18/09

FILE NAME = 66602 PLANS - Revised sheets as 01-02-	USER NAME = coraja	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/2/2009	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE:	SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	46127R5-3; (27HD-5J, I-1)	KNOX	104	15
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 68062	





SHOULDER RUMBLE STRIP	
LOCATION	FOOT
MAIN LINE	
EB - LT. STA. 513+62 TO STA. 649+77.4	13,615.4
EB - RT. STA. 515+22 TO STA. 622+15	10,693
EB - RT. STA. 627+75 TO STA. 642+60	1,485
EB - RT. STA. 645+00 TO STA. 649+77.4	477.4
WB - LT. STA. 518+07.1 TO STA. 650+00	13,192.9
WB - RT. STA. 518+07.1 TO STA. 614+30	9,622.9
WB - RT. STA. 624+50 TO STA. 631+50	700
WB - RT. STA. 638+75 TO STA. 650+00	1,125
TOTAL	50,912

SHORT-TERM PAVEMENT MARKING			
LOCATION	FOOT	NO. APPLICATIONS	FOOT
MAINLINE			
EB - C STA. 513+62 TO STA. 649+77.40	1,362	4	5,448
WB - C STA. 518+07.10 TO STA. 650+00	1,319	4	5,276
SHOULDER			
EB - LT./RT. STA. 513+62 TO STA. 649+77.4	1,089	4	4,356
WB - LT./RT. STA. 518+07.1 TO STA. 650+00	1,055	4	4,220
RAMP A - LT./RT. STA. 0+00 TO 10+22.3	80	4	320
RAMP B - LT./RT. STA. 1+58.9 TO 17+80	86	4	344
RAMP C - LT./RT. STA. 0+00 TO 13+18	79	4	316
RAMP D - LT./RT. STA. 1+25.2 TO 11+20	69	4	276
TOTAL			20,556

TEMPORARY PAINT PAVEMENT MARKING - LINE 4"		
LOCATION	WHITE FOOT	YELLOW FOOT
MAINLINE		
EB - LT. STA. 513+62 TO STA. 649+77.40		13,615.4
EB - RT. STA. 513+62 TO STA. 622+15	10,853	
EB - RT. STA. 627+75 TO STA. 642+60	1,485	
EB - RT. STA. 645+00 TO STA. 649+77.40	477.4	
WB - LT. STA. 518+07.10 TO STA. 650+00		13,192.9
WB - RT. STA. 518+07.10 TO STA. 614+30	9,622.9	
WB - RT. STA. 624+50 TO STA. 631+50	700	
WB - RT. STA. 638+75 TO STA. 650+00	1,125	
RAMPS		
RAMP A - LT. STA. 1+60 TO STA. 10+22.30		862.3
RAMP A - RT. STA. 0+00 TO STA. 10+22.30	1,022.3	
RAMP B - LT. STA. 1+58.90 TO STA. 15+00		1,341.1
RAMP B - RT. STA. 1+58.90 TO STA. 17+80	1,621.1	
RAMP C - LT. STA. 0+60 TO STA. 13+18		1,258
RAMP C - RT. STA. 0+00 TO STA. 13+18	1,318	
RAMP D - LT. STA. 1+25.20 TO STA. 9+40		814.8
RAMP D - RT. STA. 1+25.20 TO STA. 11+20	994.8	
SUB-TOTAL	29,219.5	31,084.5
TOTAL		60,304

WORK ZONE PAVEMENT MARKING REMOVAL	
LOCATION	SQ FT
MAINLINE	
EB - C STA. 513+62 TO STA. 649+77.40	454
WB - C STA. 518+07.10 TO STA. 650+00	440
SHOULDER	
EB - LT./RT. STA. 513+62 TO STA. 649+77.4	363
WB - LT./RT. STA. 518+07.1 TO STA. 650+00	352
RAMP A - LT./RT. STA. 0+00 TO 10+22.3	27
RAMP B - LT./RT. STA. 58.91+ TO 17+80	29
RAMP C - LT./RT. STA. 0+00 TO 13+18	27
RAMP D - LT./RT. STA. 5.21+2 TO 11+20	23
TOTAL	1,715

TEMPORARY PAINT PAVEMENT MARKING - LINE 8"	
LOCATION	WHITE FOOT
MAINLINE	
EB - RT. STA. 513+62 TO STA. 515+22 (DOTTED LINE BY RAMP)	53
EB - RT. STA. 626+70 TO STA. 627+75	105
EB - RT. STA. 642+60 TO STA. 643+55	95
WB - RT. STA. 623+25 TO STA. 624+50	125
WB - RT. STA. 631+50 TO STA. 632+90	140
RAMPS	
RAMP A - LT. STA. 0+00 TO STA. 1+60	160
RAMP B - LT. STA. 15+00 TO STA. 15+90	90
RAMP C - LT. STA. 0+00 TO STA. 0+60	60
RAMP D - LT. STA. 9+40 TO STA. 10+40	100
TOTAL	928

CHAIN LINK FENCE, 6'	
LOCATION	FOOT
MAINLINE	
EB - RT. STA. 569+45	55
WB - RT. STA. 570+75	55
TOTAL	110

\*ADD QUANTITY FOR TEMPORARY CROSS-OVER FROM SHEET 19. (TOTAL = 1715 + 10080 = 11795).

2 REVISED 2/18/09

FILE NAME =	USER NAME = toro.jb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SHEET SCHEDULE OF QUANTITIES</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6802 PLANS - Revised sheets as 01-02-09.dgn		DRAWN -	REVISED -			74	48(27RS-3) (27HB-5)1, I-U	KNOX	104	17
PLDY SCALE = 48,000' / IN.		CHECKED -	REVISED -			SCALE: SHEET NO. 4 OF 6 SHEETS STA. TO STA.		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
PLOT DATE = 1/2/2009		DATE -	REVISED -			CONTRACT NO. 68062				

STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM A	
LOCATION	FOOT
MAINLINE	
EB - RT. STA. 618+72 TO STA. 626+73	842
EB - RT. STA. 643+51 TO STA. 651+43	832
WB - RT. STA. 615+29 TO STA. 623+28	839
WB - RT. STA. 632+91 TO STA. 638+55	593
TOTAL	3,105

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	
LOCATION	WHITE FOOT
MAINLINE	
EB - RT. STA. 513+62 TO STA. 515+22 (DOTTED LINE BY RAMP)	53
EB - RT. STA. 626+70 TO STA. 627+75	105
EB - RT. STA. 642+60 TO STA. 643+55	95
WB - RT. STA. 623+25 TO STA. 624+50	125
WB - RT. STA. 631+50 TO STA. 632+90	140
RAMPS	
RAMP A - LT. STA. 0+00 TO STA. 1+60	160
RAMP B - LT. STA. 15+00 TO STA. 15+90	90
RAMP C - LT. STA. 0+00 TO STA. 0+60	60
RAMP D - LT. STA. 9+40 TO STA. 10+40	100
TOTAL	928

PREFORMED PLASTIC PAVEMENT MARKING - LINE 6"	
LOCATION	WHITE FOOT
MAINLINE	
EB - C STA. 513+62 TO STA. 649+77.40	3,404
WB - C STA. 518+07.10 TO STA. 650+00	3,298
TOTAL	6,702

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"		
LOCATION	WHITE FOOT	YELLOW FOOT
MAINLINE		
EB - LT. STA. 513+62 TO STA. 649+77.40		13,615.4
EB - RT. STA. 513+62 TO STA. 622+15	10,853	
EB - RT. STA. 627+75 TO STA. 642+60	1,485	
EB - RT. STA. 645+00 TO STA. 649+77.40	477.4	
WB - LT. STA. 518+07.01 TO STA. 650+00		13,192.9
WB - RT. STA. 513+62 TO STA. 614+30	9,622.9	
WB - RT. STA. 624+50 TO STA. 631+50	700	
WB - RT. STA. 638+75 TO STA. 650+00	1,125	
RAMPS		
RAMP A - LT. STA. 1+60 TO STA. 10+22.3		862.3
RAMP A - RT. STA. 0+00 TO STA. 10+22.3	1,022.3	
RAMP B - LT. STA. 1+58.9 TO STA. 15+00		1,341.1
RAMP B - RT. STA. 1+58.9 TO STA. 17+80	1,621.1	
RAMP C - LT. STA. 0+60 TO STA. 13+18		1,258
RAMP C - RT. STA. 0+00 TO STA. 13+18	1,318	
RAMP D - LT. STA. 1+25.2 TO STA. 9+40		814.8
RAMP D - RT. STA. 1+25.2 TO STA. 11+20	994.8	
SUB-TOTAL	29,219.5	31,084.5
TOTAL	60,304	

TEMPORARY PAINT PAVEMENT MARKING - LINE 6"	
LOCATION	WHITE FOOT
MAINLINE	
EB - C STA. 513+62 TO STA. 649+77.4	3,404
WB - C STA. 518+07.1 TO STA. 650+00	3,298
TOTAL	6,702

RAISED REFLECTIVE PAVEMENT MARKER	
LOCATION	EACH
MAINLINE	
EB - STA. 513+62 TO STA. 649+77.40	186
WB - STA. 518+07.10 TO STA. 650+00	181
RAMPS	
RAMP A	8
RAMP B	8
RAMP C	8
RAMP D	8
TOTAL	399

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
JOB SITE	397
TOTAL	397

2 REVISED 2/18/09

**TRAFFIC CONTROL**

LOCATION	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	PAVEMENT MARKING TAPE TYPE III (4" WHITE)	PAVEMENT MARKING TAPE TYPE III (4" YELLOW)	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	IMPACT ATTENUATORS, (NON-REDIRECTIVE), TEST LEVEL 3 (SN 048-0049)	TRAFFIC CONTROL & PROTECTION STD. 701416	TRAFFIC CONTROL & PROTECTION STD. 701411	TRAFFIC CONTROL & PROTECTION STD. 701401	TRAFFIC CONTROL & PROTECTION STD. 701406	TRAFFIC CONTROL & PROTECTION STD. BLR 22	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH) 10"	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	ROCK FILL	POROUS GRANULAR EMBANKMENT	BITUMINOUS MATERIALS (PRIME COAT) 0.00038 TON/SQ. YD)	
	FOOT				EACH			L SUM				SQ YD		TON					
I-74 OVER TR 205																			
STAGE 1	1092		7634	7634	1			1					4269	4733	1186	5778	2023	3.3	
STAGE 2		1044	7485	7485		1		1											
ROADWAY							2		4	1	1	1							
TOTAL	1092	1044	15119	15119	1	1	2	2	4	1	2	2	4269	4733	1186	5778	2023	3.3	

**EARTHWORK**

STAGE	EARTH EXCAVATION	EARTH EXCAVATION (ROCKFILL)	EMBANKMENT	EARTH EXCAVATION ADJ. FOR SHRINKAGE	FURNISHED EXCAVATION WASTE (+) SHORTAGE (-)
	CU YD				
STAGE 1 STA. 11+60.00 TO STA. 28+50.29	1229	0	5933	922	-5011
STAGE 2 STA. 11+60.00 TO STA. 28+50.29	0	0	0	0	0
STAGE 3 STA. 11+60.00 TO STA. 28+50.29	5933	4384	52	7738	+7686
TOTAL	7162	4384	5985	8660	+2675

NOTE: EARTHWORK WILL BE PAID FOR AS EARTH EXCAVATION - 7162 CU YD;  
EARTH EXCAVATION (ROCKFILL) - 4384 CU YD AND FURNISHED EXCAVATION - 5011 CU YD

**PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)**

LOCATION	FOOT
STAGE 1	
15+32.55 RT.	16.9
15+32.55 LT.	16.9
24+77.66 RT.	16.7
24+77.66 LT.	21.7
26+06.58 RT.	13.3
26+06.58 LT.	16.2
SUB-TOTAL	101.7
TOTAL	102

**EROSION CONTROL**

LOCATION	SEEDING CLASS 2A	MULCH, METHOD 1	EROSION CONTROL BLANKET	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT
	ACRE		SQ YD		POUND		
I-74 OVER TR 205							
561+60 TO 569+96	1.25		5691	5691	113	113	113
570+25 TO 578+40	1.25		5592	5592	113	113	113
GRADING AND SHAPING DITCHES							
EB - RT. STA. 622+72.60							
WB - RT. STA. 553+07.40	0.25	0.50			22.5	22.5	22.5
WB - RT. STA. 604+23.40							
WB - RT. STA. 635+03.20							
TOTAL	2.75	0.50	11243	11243	249	249	249

**REMOVING MANHOLES**

LOCATION	EACH
STAGE 3	
MANHOLES, TYPE A - 4' DIA.	2
MANHOLES, TYPE A - 7' DIA.	3
TOTAL	5

**CONCRETE HEADWALL FOR PIPE DRAINS**

LOCATION	EACH
STAGE 3	
STA. 575+97.63, 14.2' LT.	1
STA. 576+01.54, 15.0' RT.	1
TOTAL	2

**WORK ZONE**

LOCATION	TRAFFIC CONTROL SURVEILLANCE	WORK ZONE PAVEMENT MARKING REMOVAL
	CAL DAY	SQ FT
STAGE 1	20	5090
STAGE 2	20	4990
STAGE 3	5	
TOTAL	45	10080

**TEMPORARY EROSION CONTROL SEEDING**

LOCATION	POUND
I-74 OVER TR 205	220
GRADING AND SHAPING DITCHES	25
TOTAL	245

**TEMPORARY DITCH CHECKS**

LOCATION	EACH
I-74 OVER TR 205	
STA. 562+50 TO STA. 568+50	7
STA. 571+25 TO STA. 577+50	8
GRADING AND SHAPING DITCHES	
EB - RT. STA. 622+72.60	10
WB - RT. STA. 553+07.40	15
WB - RT. STA. 604+23.40	10
WB - RT. STA. 635+03.20	10
TOTAL	60

**PERIMETER EROSION BARRIER**

LOCATION	FOOT
561+60 TO 569+90 LT.	830
561+60 TO 569+96 RT.	836
570+25 TO 578+40 LT.	815
570+30 TO 578+40 RT.	810
TOTAL	3291

**CHANGEABLE MESSAGE SIGN**

LOCATION	CAL MO
STAGE 1	
EAST APPROACH	4
WEST APPROACH	4
STAGE 2	
EAST APPROACH	4
WEST APPROACH	4
TOTAL	16

**PIPE CULVERT REMOVAL**

LOCATION	FOOT
STAGE 3	
12" DIA. CULVERTS (TEMPORARY)	101.7
18" DIA. CULVERTS (TEMPORARY)	950.2
SUB-TOTAL	1051.9
TOTAL	1052

**PIPE CULVERTS, CLASS A, TYPE 1 18" (TEMPORARY)**

LOCATION	FOOT
STAGE 1	
13+50.00 LT. TO 15+32.55 LT.	182.8
15+32.55 LT. TO 17+50.00 RT.	218.1
22+53.36 RT. TO 24+77.66 RT.	227.8
24+77.66 RT. TO 26+06.58 LT.	130.4
26+06.58 LT. TO 28+00.00 LT.	191.1
SUB-TOTAL	950.2
TOTAL	950

**INLET AND PIPE PROTECTION**

LOCATION	EACH
STAGE 1	
STA. 17+50.00 RT.	1
STA. 28+00.00 LT.	1
FINAL CONDITION	
STA. 571+50.8	1
TOTAL	3

**CONSTRUCTION LAYOUT**

LOCATION	L SUM
JOBSITE	1
TOTAL	1

**PAVEMENT REMOVAL**

LOCATION	SQ YD
STAGE 3	4269
TOTAL	4269

**WIDE LOAD SIGNING**

LOCATION	L SUM
STAGE 1 & 2	1
TOTAL	1

**MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID**

LOCATION	EACH
STAGE 1	
26+02.28; 35.42' LT.	1
26+10.11; 7.08' LT.	1
TOTAL	2

**MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID**

LOCATION	EACH
STAGE 1	
15+32.55; 0.8' LT.	1
24+77.66; 2.7' RT.	1
26+06.58; 19.9' LT.	1
TOTAL	3

2 REVISED SHEET 2/18/09

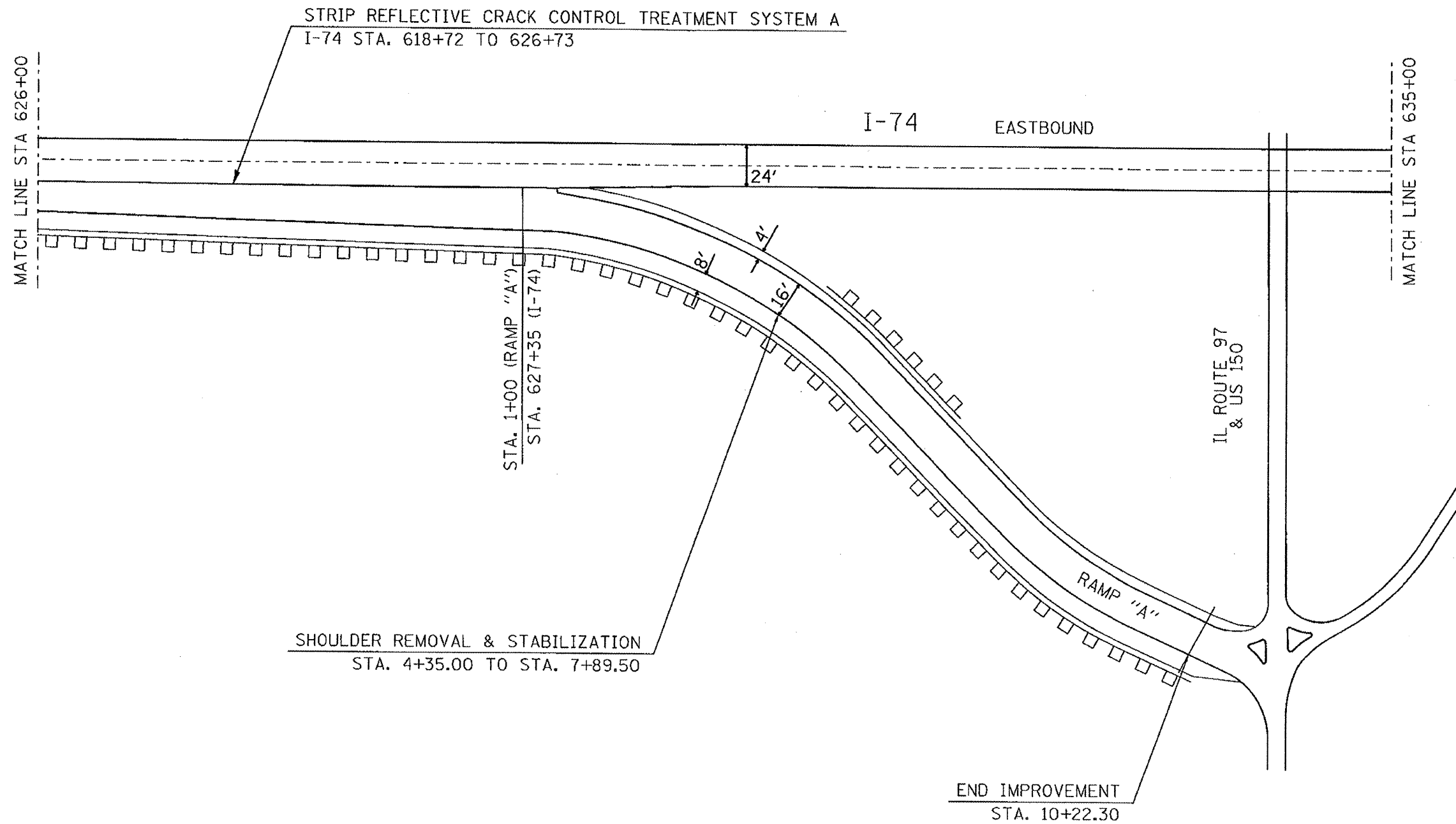
FILE NAME =	USER NAME = toraja	DESIGNED - OWR	REVISED -
68682 PLANS - Revised sheets as 01-05-09 .dgn		DRAWN - OWR	REVISED -
		CHECKED - FML	REVISED -
		DATE - 10/2008	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE:	SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27R5-3) (27H8-51, I-1)	KNOX	104	19
CONTRACT NO. 68062			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

NOTE: NOT DRAWN TO SCALE. FOR ILLUSTRATION PURPOSES ONLY.



REVISIED SHEET 2/18/09

FILE NAME =	USER NAME = taraja	DESIGNED -	REVISED -
68602 PLANS - Revised sheets as 01-02-	9.dgn	DRAWN -	REVISED -
	PLOT SCALE = 48.0000 1/4 IN.	CHECKED -	REVISED -
	PLOT DATE = 1/2/2009	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RAMP DETAILS

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	48(27RS-3; (27HS-5)I, I-1)	KNOX	104	23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68062	

# LEGEND

## SYMBOLS

- SIGN
- TYPE III BARRICADE WITH 2 FLASHING LIGHTS PER BARRICADE
- STANDARD 702001 - TRAFFIC CONTROL DEVICES ("ROAD CLOSED TO ALL TRAFFIC" APPLICATION)
- STANDARD 702001 - TRAFFIC CONTROL DEVICES ("ROAD CLOSED TO TRHU TRAFFIC" APPLICATION)
- WORK AREA

## GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.
2. ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR PER LUMP SUM FOR TRAFFIC CONTROL AND PROTECTION BLR-22 FOR THE TEMPORARY DETOUR.

 DETOUR AHEAD W20-2-3636 (A)	DETOUR M4-8-2412 (B)	NORTH M3-2-2412 (C)	SOUTH M3-2-2412 (D)
 W1-6-2412 (H)	TOWNSHIP ROAD 205 M1-I100-3024 (E)	END DETOUR M4-8a-2418 (F)	ROAD CLOSED XX MILES W20-1-3636 (G)
ORIENT SIGN AS DIRECTED BY THE ENGINEER	ROAD CLOSED 500 FT W20-1-3636 (I)	ROAD CLOSED AHEAD W20-3-3636 (J)	60" TR 205 CLOSED TO THRU TRAFFIC 30" USE 6" 'D' LETTERS R11-4-6030 (K)

