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- 12-14 DISTRICT 4 HIGHWAY STANDARDS

**HIGHWAY STANDARDS**

- 406101-D4 BUTT JOINTS (Included)
- 442201-03 CLASS C AND D PATCHES
- 701602-04 URBAN LANE CLOSURE, MULTILANE 2W WITH BI-DIRECTIONAL TURN LANE
- 701701-06 URBAN LANE CLOSURE, MULTILANE INTERSECTIONS
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

**UTILITIES**

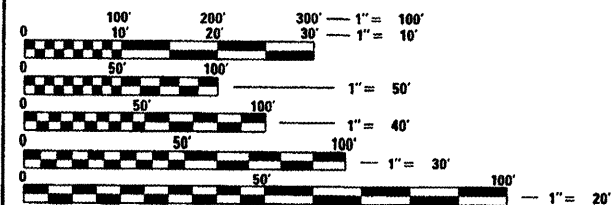
VILLAGE OF PEORIA HEIGHTS (WATER)  
4901 N. PROSPECT ROAD  
PEORIA HEIGHTS, IL 61616  
BOB ROTH (309) 686-2375

AMEREN CILCO (GAS & ELECTRIC)  
110 W. MONARCH ST.  
PEORIA, IL 61602  
KENT KOWALSKA 309-264-5575 (GAS)  
TOM KOEPEL 309-693-4702 (ELECTRIC)

GREATER PEORIA SANITARY DISTRICT  
2322 S. DARST ST.  
PEORIA, IL 61607  
309-637-3511

COMCAST (CABLE)  
3517 N. DRIES LANE  
PEORIA, IL 61604  
309-686-2600

AT&T (TELEPHONE)  
2315 N. KNOXVILLE  
PEORIA, IL 61604



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

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123

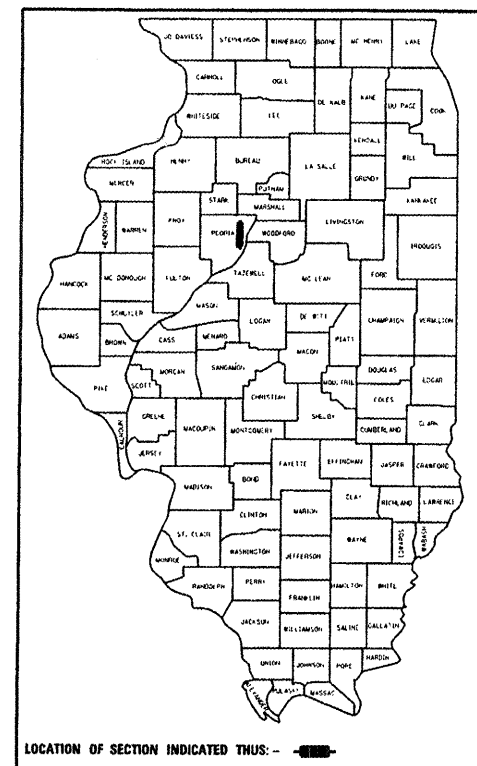
**CONTRACT NO. 89535**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

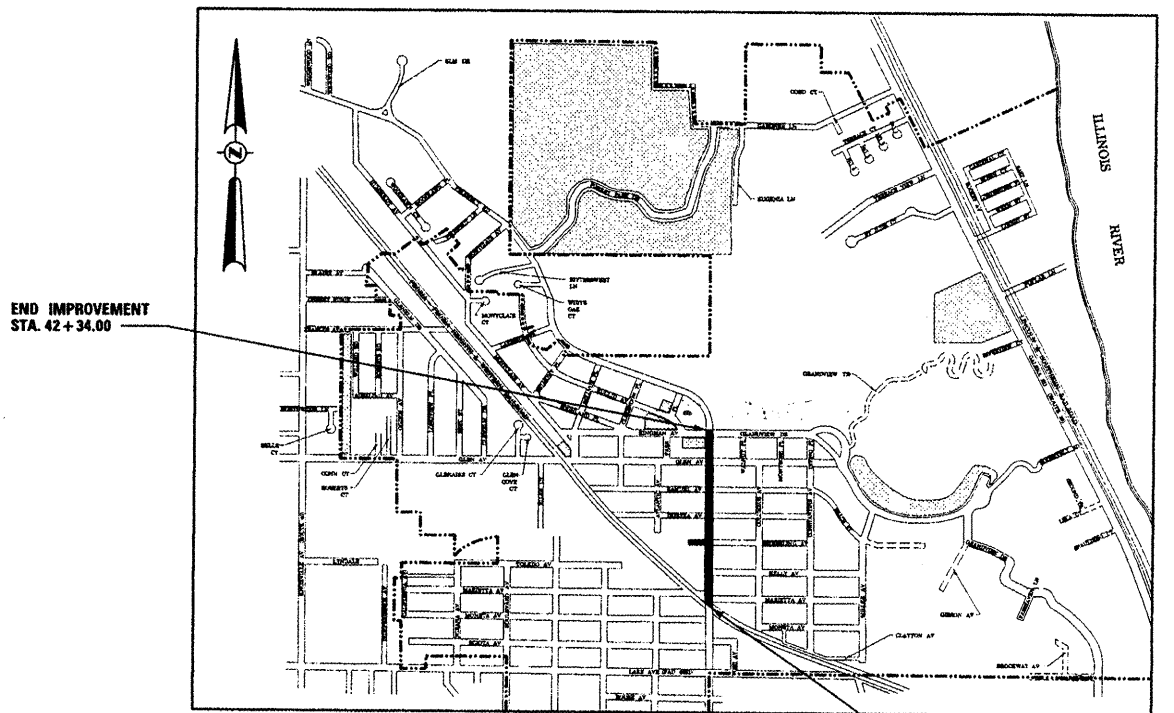
**PLANS FOR PROPOSED  
FEDERAL AID URBAN ROUTE 6602  
NORTH PROSPECT ROAD MILL & OVERLAY**

AMERICAN RECOVERY & REINVESTMENT ACT FUNDING

SECTION: 09-00080-00-RS  
PROJECT: ARA-5093 (144)  
PEORIA COUNTY



LOCATION OF SECTION INDICATED THUS: -



**LOCATION MAP**  
(NOT TO SCALE)

FUNCTIONAL CLASSIFICATION = MINOR URBAN ARTERIAL  
LENGTH OF IMPROVEMENT = 2063 FEET = .391 MILE

**PROJECT LOCATION**

SOUTHEAST 1/4 SECTION 22, TOWNSHIP 9 NORTH, RANGE 8 EAST  
SOUTHWEST 1/4 SECTION 22, TOWNSHIP 9 NORTH, RANGE 8 EAST

APPROVED MAY 29 20 09  
*Mark Allen*  
VILLAGE OF PEORIA HEIGHTS, MAYOR MARK ALLEN

PASSED June 1 20 09  
*Derek P. ...*  
DISTRICT FOUR ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review June 2 20 09  
*Joseph E. ...*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

JEFFREY L. HERMANN  
062-055733  
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

*Jeffrey L. Hermann*  
JEFFREY L. HERMANN

5/28/09 11/30/09  
DATE EXPIRES

**HERMANN & ASSOCIATES, LLC**  
CONSULTING ENGINEERS

5835 NORTH GALENA ROAD  
PEORIA, ILLINOIS 61614  
PHONE: (309) 687-5566  
FAX: (309) 687-0571  
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184.004714

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**GENERAL NOTES**

- ALL CONSTRUCTION SHALL COMPLY WITH THE CURRENT EDITIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS," "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON A LOCALLY ESTABLISHED DATUM. SEE THIS SHEET FOR LIST OF BENCHMARKS AND HORIZONTAL CONTROL POINTS. THE CONTRACTOR SHALL VERIFY ALL BENCHMARKS AND HORIZONTAL CONTROL POINTS FOR ACCURACY PRIOR TO STARTING CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.34 OF THE "STANDARD SPECIFICATIONS," CALL J.U.L.I.E. AT 1-800-892-0123 A MINIMUM OF 48 HOURS IN ADVANCE OF DIGGING OPERATIONS. THE CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY ADJUSTMENTS WITH THE APPROPRIATE UTILITY COMPANY.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES, AS SHOWN ON THE PLANS, ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INVESTIGATION, AS REQUIRED FOR CONSTRUCTION.
- ALL EXISTING WATER VALVES, CORPORATION STOPS, GAS VALVES, MANHOLE CASTINGS, FIRE HYDRANTS, AND OTHER PERMANENT STRUCTURES WITH THE NEW IMPROVEMENTS SHALL BE ADJUSTED AS NECESSARY TO MATCH THE PROPOSED FINISHED SURFACE. THE VILLAGE WILL PERFORM ANY WATER VALVE ADJUSTMENTS.
- THE CONTRACTOR SHALL NOTIFY AND RECEIVE APPROVAL FROM THE ENGINEER PRIOR TO REMOVING OR COVERING UP ANY SURVEY MONUMENTS OR PROPERTY MARKERS.
- THE CONTRACTOR SHALL CONFINE THE CONSTRUCTION WITHIN THE RIGHT OF WAY.
- CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS SO AS TO PREVENT DAMAGE FROM OCCURRING TO ALL EXISTING BUILDINGS, STRUCTURES, PUBLIC, AND PRIVATE PROPERTY AS A RESULT OF CONSTRUCTION.
- SIGNS, MAILBOXES, FENCE, FENCE RAILS, POSTS, LANDSCAPING ITEMS NOT IDENTIFIED ON THE BID SCHEDULE WHICH ARE DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE MATERIALS AND CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING APPROPRIATE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE STANDARD SPECIFICATIONS, HIGHWAY STANDARDS, MUTCD, AND ANY REQUIREMENTS DETAILED IN THE CONTRACT DOCUMENTS. TRAFFIC CONTROL SHALL BE PAID FOR AS TRAFFIC CONTROL COMPLETE.

- STREETS, PARKING LOTS, OR DRIVEWAYS SHALL NOT BE COMPLETELY CLOSED WITHOUT PRIOR NOTIFICATION OF PROJECT OWNER AND PROPERTY OWNER BY CONTRACTOR.
- ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION IN ACCORDANCE WITH ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.
- THE CONTRACTOR SHALL COMPLY WITH THE LEGAL STREET LOADING LIMITS ESTABLISHED BY THE CITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY LUGS OR CLEATS ON TREADS OR WHEELS, EXCESSIVE WEIGHTS, AND LOADS, ETC.

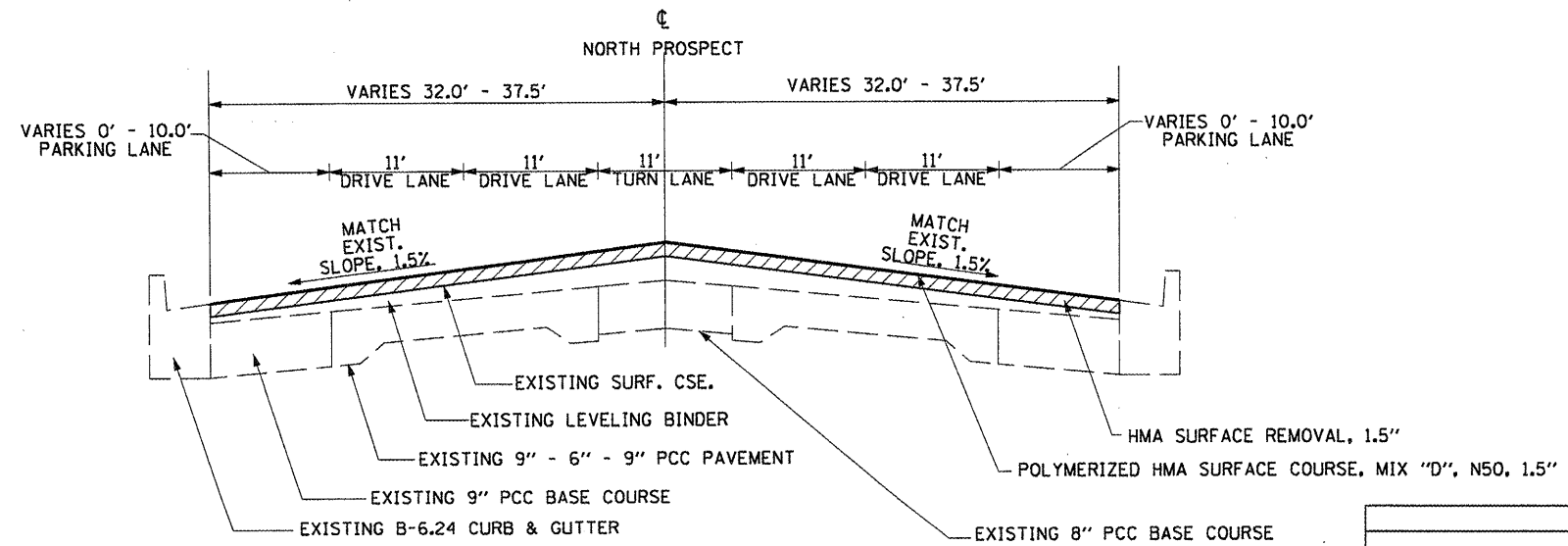
CONTRACT NO. _____			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
99-0080-00-RS	PEORIA	14	2
STA. _____ TO STA. _____		FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	

89535

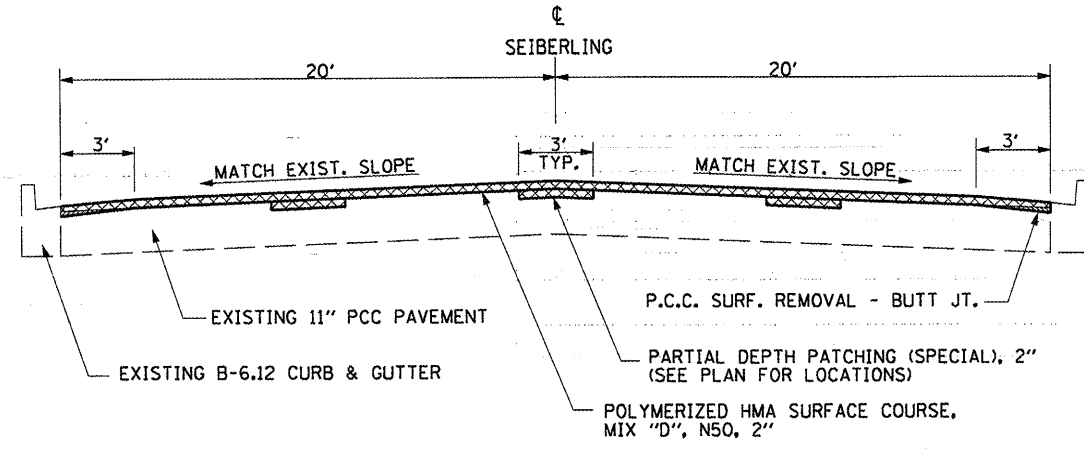
REVISIONS		
NUMBER	BY	DATE

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS	
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.	
MIXTURE USES (S):	SURFACE COURSE
AC/PG	SBR OR SBS 70-22
RAP % (Max) **	10%
DESIGN AIR Voids	4.0% @ NDES = N50
MIXTURE COMPOSITION	IL 9.5 or IL 12.5
FRICTION AGGREGATE	Mixture D

RATE OF APPLICATION	
BITUMINOUS	
BITUMINOUS SURFACE COURSE	112 LB/SQ YD/INCH
BITUMINOUS BINDER COURSE	112 LB/SQ YD/INCH
CONVERSION	0.056 TONS/SQ YD/INCH
BITUMINOUS MATERIALS (PRIME COAT)	
ON COLDMILLED SURFACE	0.10 GAL/SQ YD
CONVERSION	0.004 TONS = 1 GALLON
AGGREGATE (PRIME COAT)	
FOG COAT	2 LB/SQ YD



TYPICAL SECTION  
STA. 21+71.00 TO STA. 42+34.00



TYPICAL SECTION - SEIBERLING AVE.

NORTH PROSPECT ROAD SUMMARY OF QUANTITIES					
CODE NUMBER	PAY ITEM	UNIT	NON PARTICIPATING QUANTITY	PARTICIPATING QUANTITY	TOTAL QUANTITY
40600115	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	GALLON	55.6	1658.8	1714.4
40600300	AGGREGATE (PRIME COAT)	TON	0.6	16.5	17.1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	0.0	1771.0	1771.0
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	0.0	133.2	133.2
40600990	TEMPORARY RAMP	SQ YD	0.0	327.8	327.8
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	46.7	1393.3	1440.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1.5"	SQ YD	0.0	14817.8	14817.8
44201761	CLASS D PATCHES, TYPE I, 10"	SQ YD	5.0	45.0	50.0
44201765	CLASS D PATCHES, TYPE II, 10"	SQ YD	5.0	45.0	50.0
44201769	CLASS D PATCHES, TYPE III, 10"	SQ YD	5.0	45.0	50.0
44201771	CLASS D PATCHES, TYPE IV, 10"	SQ YD	5.0	45.0	50.0
60257700	MANHOLE ADJUSTING RING	EACH	1.0	0.0	1.0
67100100	MOBILIZATION	L SUM	0.0	1.0	1.0
70103700	TRAFFIC CONTROL COMPLETE	L SUM	0.0	1.0	1.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	0.0	300.0	300.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	0.0	100.0	100.0
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	0.0	396.0	396
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	0.0	6041.0	6041.0
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	0.0	1194.0	1194.0
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	0.0	2358.0	2358.0
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	0.0	402.0	402.0
88600100	DETECTOR LOOP, TYPE 1	FOOT	0.0	1315.0	1315
X0325675	TEMPORARY RUBBER RAMPS FOR DRAINAGE AND UTILITY CASTINGS	EACH	0.0	3.0	3
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	122.4	0.0	122.4
XX005972	STAMPED ASPHALT CROSSWALK	SQ YD	0.0	1077.8	1077.8
Z0013798	CONSTRUCTION LAYOUT	L SUM	0.0	1.0	1

VILLAGE OF PEORIA HEIGHTS  
PROSPECT ROAD MILL & OVERLAY  
GENERAL NOTES, TYPICAL SECTION,  
AND SUMMARY OF QUANTITIES

**HA**  
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CONSULTING ENGINEERS  
5835 NORTH GALENA ROAD  
PEORIA, ILLINOIS 61614  
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F: (309) 687-0571

TRANSPORTATION • MUNICIPAL ENGINEERING  
LAND DEVELOPMENT • ASBESTOS INSPECTION  
CONSTRUCTION OBSERVATION

DESIGN BY: JLH  
DRAWN BY: JLH/SNP  
CHECKED BY: JLH  
APPROVED BY:  
DATE: MAY, 2009  
JOB No: 28.023.09  
SHEET 2 OF 14 SHEETS

F.A. SECTION COUNTY TOTAL SHEET	RTS- 09-00080-00-RS PEORIA 14 3
STA. TO STA.	
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			40600982	
LOCATION	OFFSET FEET	WIDTH FEET	AREA SQ FT	AREA SQ YDS
MARIETTA AVE, LT	62.00	VAR	1683.0	187.0
MARIETTA AVE, RT	59.00	VAR	482.8	53.6
KELLY AVE, LT	41.50	VAR	621.3	69.0
KELLY AVE, RT	52.00	VAR	1183.8	131.5
SIEBERLING AVE, LT	48.00	VAR	1122.3	124.7
SIEBERLING AVE, RT	39.30	VAR	523.7	58.2
DURYEA AVE, LT	53.30	VAR	868.0	96.4
DURYEA AVE, RT	50.30	VAR	784.0	87.1
SAMUEL AVE, LT	53.30	VAR	904.4	100.5
SAMUEL AVE, RT	51.00	VAR	806.4	89.6
ALLEY	50.00	VAR	346.7	38.5
GLEN AVE, LT	91.00	VAR	3191.3	354.6
GLEN AVE, RT	57.00	VAR	1248.2	138.7
KINGMAN AVE	48.00	VAR	827.8	92.0
GRANDVIEW DR	58.00	VAR	1345.0	149.4
<b>TOTAL</b>			<b>15938.7</b>	<b>1771.0</b>

TEMPORARY RAMP			40600990	
LOCATION	LENGTH FEET	WIDTH FEET	AREA SQ FT	AREA SQ YDS
PROSPECT SOUTH	67	5	337.2	37.2
MARIETTA AVE. WEST	40	5	222.2	22.2
MARIETTA AVE. EAST	27	5	150.0	15.0
KELLY AVE. WEST	50	5	278.0	27.8
KELLY AVE. EAST	35	5	194.0	19.4
SEIBERLING AVE. WEST	38	5	211.0	21.1
SEIBERLING AVE. EAST	34	5	189.0	18.9
DURYEA AVE. WEST	30	5	167.0	16.7
DURYEA AVE. EAST	28	5	156.0	15.6
SAMUEL AVE. WEST	30	5	167.0	16.7
SAMUEL AVE. EAST	28	5	156.0	15.6
ALLEY STA. 36+75	12	5	67.0	6.7
GLEN AVE. WEST	40	5	222.2	22.2
GLEN AVE. EAST	33	5	183.0	18.3
KINGMAN AVE.	28	5	156.0	15.6
GRANDVIEW DR.	28	5	156.0	15.6
PROSPECT NORTH	42	5	233.0	23.3
<b>TOTAL</b>		<b>TOTAL</b>	<b>327.8</b>	

HOT-MIX ASPHALT SURFACE REMOVAL - 1.5"				
LOCATION	LENGTH FEET	WIDTH FEET	AREA SQ FT	AREA SQ YDS
STA. 21+71.00 TO STA. 22+63.92	133.37	VAR	6229.0	692.1
STA. 22+63.92 TO STA. 24+67.20	203.28	63	12806.6	1423.0
STA. 24+67.20 TO STA. 25+90.81	123.61	VAR	7516.0	835.1
STA. 25+90.81 TO STA. 28+02.78	211.97	73	15473.8	1719.3
STA. 28+02.78 TO STA. 29+17.58	114.80	VAR	6202.0	689.1
STA. 29+17.58 TO STA. 31+45.21	227.63	64	14568.3	1618.7
STA. 31+45.21 TO STA. 32+25.43	80.22	VAR	4423.0	491.4
STA. 32+25.43 TO STA. 34+66.40	240.97	64	15422.1	1713.6
STA. 34+66.40 TO STA. 35+61.47	95.07	VAR	5301.0	589.0
STA. 35+61.47 TO STA. 36+41.84	80.37	72	5786.6	643.0
STA. 36+41.84 TO STA. 36+97.68	55.84	VAR	3764.0	418.2
STA. 36+97.68 TO STA. 37+88.28	90.60	65	5889.0	654.3
STA. 37+88.28 TO STA. 39+03.81	115.53	VAR	7228.2	803.1
STA. 39+03.81 TO STA. 41+50.78	246.97	74	18275.8	2030.6
STA. 41+50.78 TO STA. 42+34.10	83.32	VAR	4475.0	497.2
<b>TOTAL</b>			<b>14817.83</b>	

TEMPORARY RUBBER RAMPS FOR DRAINAGE AND UTILITY CASTINGS		X0325675
LOCATION STATION	ITEM EACH	
24+81, 0' RT	1	
35+03, 37' RT	1	
40+27, 32' RT	1	
<b>TOTAL</b>	<b>3.0</b>	

PCC SURFACE REM. - BUTT JOINT		40600985
LOCATION	SQ. YDS.	
SEIBERLING AVE. WEST END	133.2	
<b>TOTAL</b>	<b>133.2</b>	

DETECTOR LOOP, TYPE 1		88600100
LOCATION	AREA FEET	
KELLY AVE (SOUTH APPROACH)	200.0	
KELLY AVE (EAST APPROACH)	180.0	
KELLY AVE (NORTH APPROACH)	200.0	
SEIBERLING AVE (SOUTH APPROACH)	100.0	
GLEN AVE (SOUTH APPROACH)	200.0	
GLEN AVE (EAST APPROACH)	185.0	
GLEN AVE (WEST APPROACH)	250.0	
<b>TOTAL</b>	<b>1315.0</b>	

CLASS D PATCHING, 10 INCH			
THE FOLLOWING QUANTITIES ARE CONTINGENT QUANTITIES			
44201761	44201765	44201769	44201771
CLASS D PATCHES, TYPE I, 10 INCH	CLASS D PATCHES, TYPE II, 10 INCH	CLASS D PATCHES, TYPE III, 10 INCH	CLASS D PATCHES, TYPE IV, 10 INCH
SQ YD	SQ YD	SQ YD	SQ YD
50.0	50.0	50.0	50.0
<b>50.0</b>	<b>50.0</b>	<b>50.0</b>	<b>50.0</b>

MANHOLE ADJUSTING RING		60257700
LOCATION	EACH	
SEIBERLING AVE. WEST END	1.0	
<b>TOTAL</b>	<b>1.0</b>	

PARTIAL DEPTH PATCHING		X0556100
LOCATION	SQ. YDS.	
SEIBERLING AVE. WEST END	122.4	
<b>TOTAL</b>	<b>122.4</b>	


BITUMINOUS PAVING SCHEDULE					40603535	40600115	40600300
					POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)
LOCATION	LENGTH FEET	WIDTH FEET	AREA SQ FT	AREA SQ YDS	WEIGHT TONS	VOLUME GALLONS	WEIGHT TONS
STA. 21+71.00 TO STA. 22+63.92	133.37	VAR	6229.0	692.1	58.1	69.2	0.7
STA. 22+63.92 TO STA. 24+67.20	203.28	63	12806.6	1423.0	119.5	142.3	1.4
STA. 24+67.20 TO STA. 25+90.81	123.61	VAR	7516.0	835.1	70.1	83.5	0.8
STA. 25+90.81 TO STA. 28+02.78	211.97	73	15473.8	1719.3	144.4	171.9	1.7
STA. 28+02.78 TO STA. 29+17.58	114.80	VAR	6202.0	689.1	57.9	68.9	0.7
STA. 29+17.58 TO STA. 31+45.21	227.63	64	14568.3	1618.7	136.0	161.9	1.6
STA. 31+45.21 TO STA. 32+25.43	80.22	VAR	4423.0	491.4	41.3	49.1	0.5
STA. 32+25.43 TO STA. 34+66.40	240.97	64	15422.1	1713.6	143.9	171.4	1.7
STA. 34+66.40 TO STA. 35+61.47	95.07	VAR	5301.0	589.0	49.5	58.9	0.6
STA. 35+61.47 TO STA. 36+41.84	80.37	72	5786.6	643.0	54.0	64.3	0.6
STA. 36+41.84 TO STA. 36+97.68	55.84	VAR	3764.0	418.2	35.1	41.8	0.4
STA. 36+97.68 TO STA. 37+88.28	90.60	65	5889.0	654.3	55.0	65.4	0.7
STA. 37+88.28 TO STA. 39+03.81	115.53	VAR	7228.2	803.1	67.5	80.3	0.8
STA. 39+03.81 TO STA. 41+50.78	246.97	74	18275.8	2030.6	170.6	203.1	2.0
STA. 41+50.78 TO STA. 42+34.10	83.32	VAR	4475.0	497.2	41.8	49.7	0.5
MARIETTA AVE, LT (BUTT JT)	VAR.	VAR.	1683.0	187.0	15.7	18.7	0.2
MARIETTA AVE, RT (BUTT JT)	VAR.	VAR.	482.8	53.6	4.5	5.4	0.1
KELLY AVE, LT (BUTT JT)	VAR.	VAR.	621.3	69.0	5.8	6.9	0.1
KELLY AVE, RT (BUTT JT)	VAR.	VAR.	1183.8	131.5	11.0	13.2	0.1
SIEBERLING AVE, LT (BUTT JT)	VAR.	VAR.	1122.3	124.7	10.5	12.5	0.1
SEIBERLING AVE, LT (PCC)	125.00	40	5000.0	555.6	46.7	55.6	0.6
SIEBERLING AVE, RT (BUTT JT)	VAR.	VAR.	523.7	58.2	4.9	5.8	0.1
DURYEA AVE, LT (BUTT JT)	VAR.	VAR.	868.0	96.4	8.1	9.6	0.1
DURYEA AVE, RT (BUTT JT)	VAR.	VAR.	784.0	87.1	7.3	8.7	0.1
SAMUEL AVE, LT (BUTT JT)	VAR.	VAR.	904.4	100.5	8.4	10.0	0.1
SAMUEL AVE, RT (BUTT JT)	VAR.	VAR.	806.4	89.6	7.5	9.0	0.1
ALLEY	VAR.	VAR.	346.7	38.5	3.2	3.9	0.0
GLEN AVE, LT (BUTT JT)	VAR.	VAR.	3191.3	354.6	29.8	35.5	0.4
GLEN AVE, RT (BUTT JT)	VAR.	VAR.	1248.2	138.7	11.6	13.9	0.1
KINGMAN AVE	VAR.	VAR.	827.8	92.0	7.7	9.2	0.1
GRANDVIEW DR	VAR.	VAR.	1345.0	149.4	12.6	14.9	0.1
<b>TOTAL</b>			<b>17144.3</b>		<b>1440.1</b>	<b>1714.4</b>	<b>17.1</b>

STAMPED ASPHALT CROSSWALK		PAY ITEM XX005972	
LOCATION		AREA SQ FT	AREA SQ YDS
MARIETTA AVE		1169.0	129.9
KELLY AVE		1930.0	214.4
SIEBERLING AVE		1574.0	174.9
DURYEA AVE		1395.0	155.0
SAMUEL AVE		1520.0	168.9
GLEN AVE		2112.0	234.7
<b>TOTAL</b>		<b>9700.0</b>	<b>1077.8</b>

LOCATION	THERMOPLASTIC PAVEMENT MARKING										TEMPORARY	
	4" WHITE SKIP DASH (FEET)	4" SOLID WHITE (FEET)	4" WHITE LONGITUDINAL PARKING STRIPE (FEET)	4" WHITE TRANSVERSE PARKING STRIPE (FEET)	4" WHITE "NO PARKING" STRIPE (FEET)	4" DUAL YELLOW (FEET)	6" WHITE (FEET)	8" WHITE (FEET)	24" WHITE (FEET)	LETTERS AND SYMBOLS WHITE (FEET)	TEMPORARY PAVEMENT MARKING LINE, 4" (FEET)	WORKZONE PAVEMENT MARKING REMOVAL (SQ FT)
STA. 21+71 TO STA. 26+60	210		56	126	40	670	315	775	136	142.2	77	26
STA. 26+60 TO STA. 32+00	220		128	288	80	1160	125	615	136	34.8	77	26
STA. 32+00 TO STA. 37+40	240		132	288	121	845	278	492	30	66.0	77	26
STA. 37+40 TO STA. 42+34	170	70	56	153	148	840	476	476	120	152.6	69	22
<b>TOTAL</b>	<b>840</b>	<b>70</b>	<b>372</b>	<b>855</b>	<b>389</b>	<b>3515</b>	<b>1194</b>	<b>2358</b>	<b>402</b>	<b>396</b>	<b>300</b>	<b>100</b>

REVISIONS		
NUMBER	BY	DATE

**VILLAGE OF PEORIA HEIGHTS**  
**PROSPECT ROAD MILL & OVERLAY**  
**QUANTITY SCHEDULES**



**HERMANN & ASSOCIATES, LLC**  
 CONSULTING ENGINEERS  
 5835 NORTH GALENA ROAD  
 PEORIA, ILLINOIS 61614  
 P: (309) 687-5566  
 F: (309) 687-0571


TRANSPORTATION • MUNICIPAL ENGINEERING  
 LAND DEVELOPMENT • ASBESTOS INSPECTION  
 CONSTRUCTION OBSERVATION

DESIGN BY: JLH  
 DRAWN BY: JLH/SNP  
 CHECKED BY: JLH  
 APPROVED BY:  
 DATE: MAY, 2009  
 JOB No: 28.023.09

CONTRACT NO. 89535			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
---	09-0080-00-RS	PEORIA	14 4
STA. _____		TO STA. _____	
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT	

REVISIONS		
NUMBER	BY	DATE

**VILLAGE OF PEORIA HEIGHTS  
PROSPECT ROAD MILL & OVERLAY  
REMOVAL PLAN**



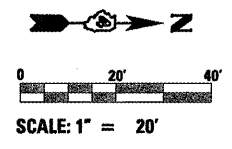
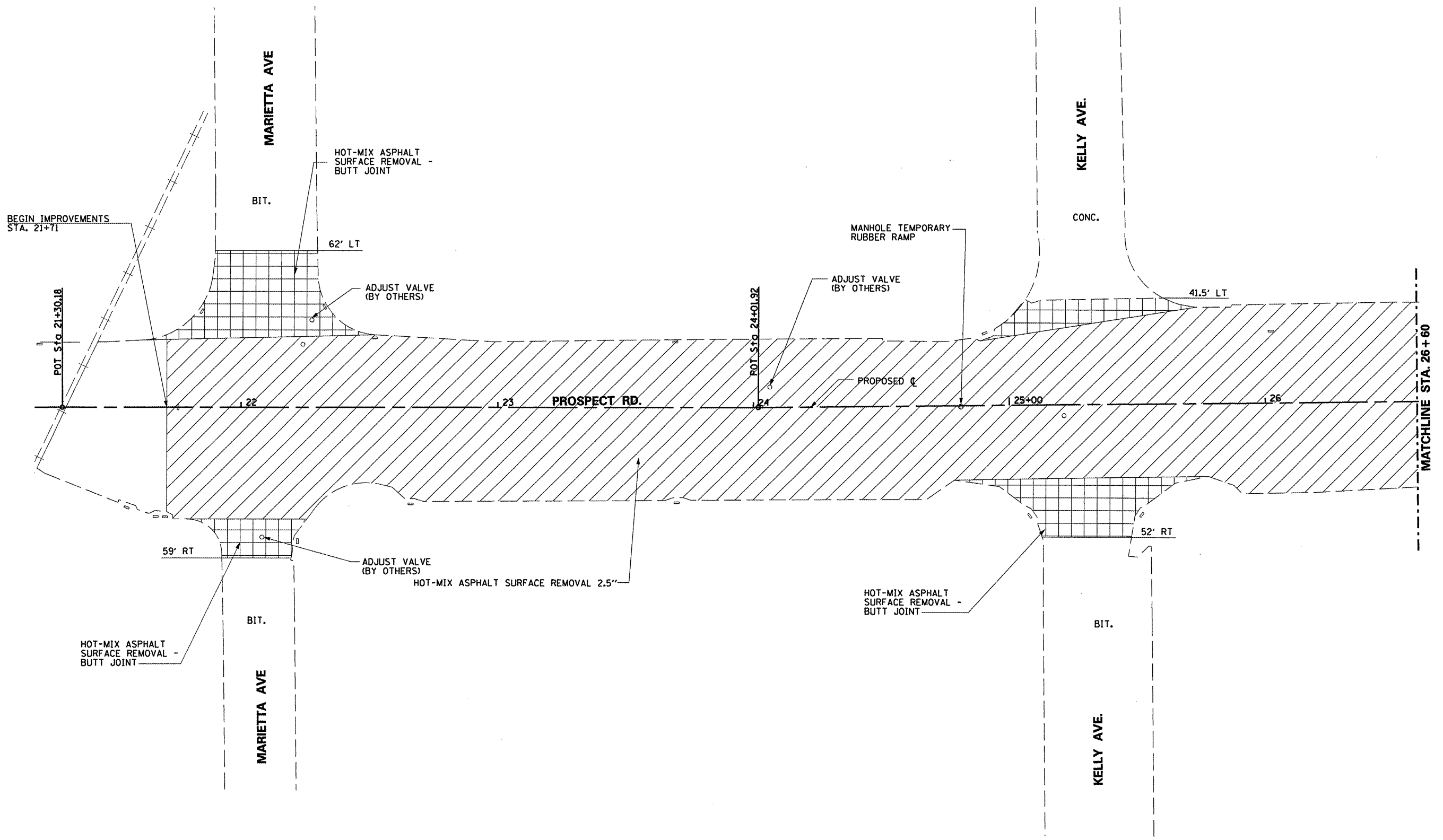
**HERMANN & ASSOCIATES, LLC**  
CONSULTING ENGINEERS

5835 NORTH GALENA ROAD  
PEORIA, ILLINOIS 61614  
P: (309) 687-6566  
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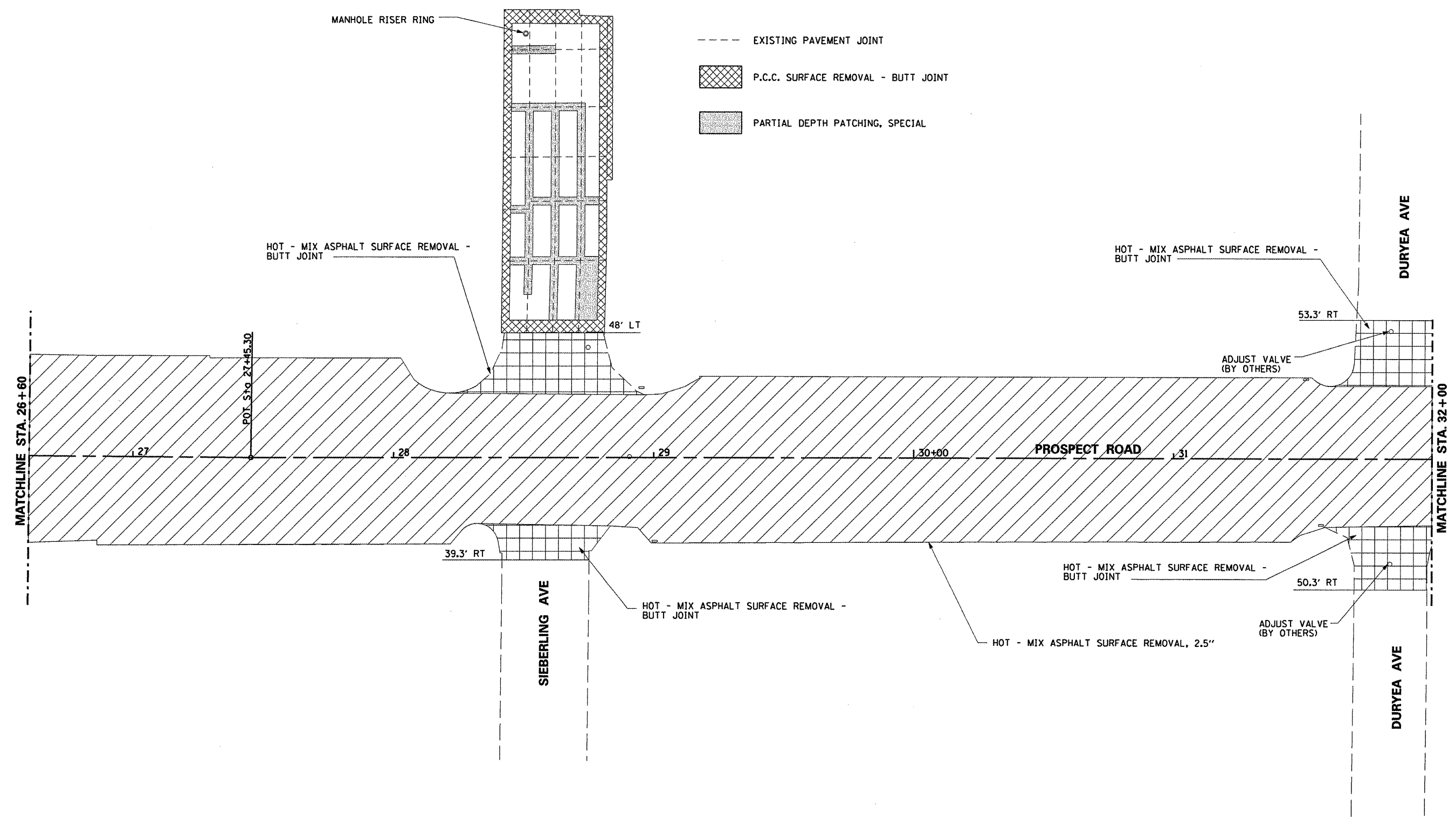
TRANSPORTATION • MUNICIPAL ENGINEERING  
LAND DEVELOPMENT • ASBESTOS INSPECTION  
CONSTRUCTION OBSERVATION

DESIGN BY:	JLH
DRAWN BY:	JLH/SNP
CHECKED BY:	JLH
APPROVED BY:	
DATE:	MAY, 2009
JOB No:	28.023.09

SHEET 4 OF 14 SHEETS



CONTRACT NO. 29535				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	D9-00080-00-RS	PEORIA	14	5
STA.	TO STA.			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



- EXISTING PAVEMENT JOINT
- P.C.C. SURFACE REMOVAL - BUTT JOINT
- PARTIAL DEPTH PATCHING, SPECIAL

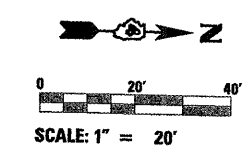
REVISIONS		
NUMBER	BY	DATE

**VILLAGE OF PEORIA HEIGHTS  
PROSPECT ROAD MILL & OVERLAY  
REMOVAL PLAN**

  
**HERMANN & ASSOCIATES, LLC**  
 CONSULTING ENGINEERS  
 5835 NORTH GALENA ROAD  
 PEORIA, ILLINOIS 61614  
 P: (309) 687-5566  
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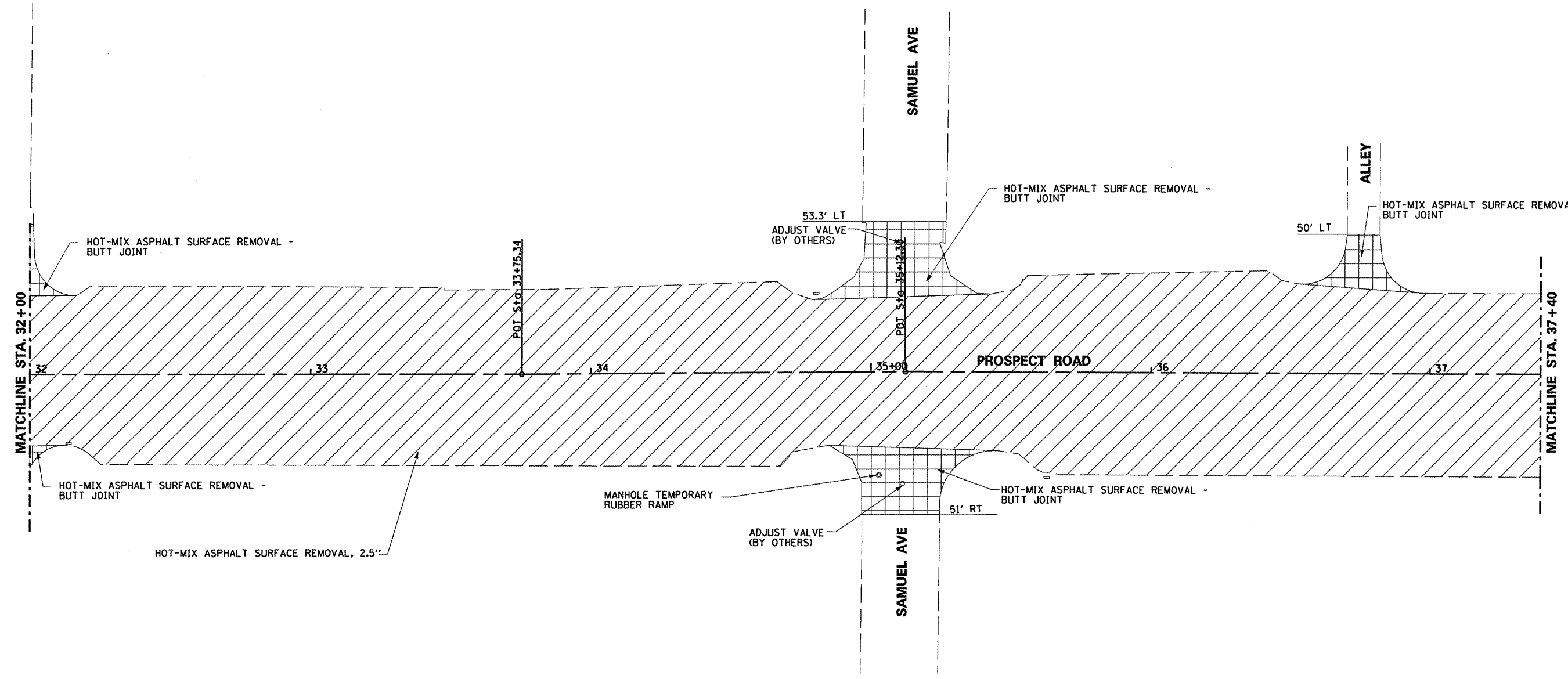
TRANSPORTATION + MUNICIPAL ENGINEERING  
 LAND DEVELOPMENT + ASBESTOS INSPECTION  
 CONSTRUCTION OBSERVATION

DESIGN BY:	JLH
DRAWN BY:	JLH/SNP
CHECKED BY:	JLH
APPROVED BY:	
DATE:	MAY, 2009
JOB No:	28.023.09



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D9-00080-00-RS	PEORIA	14	6
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

REVISIONS		
NUMBER	BY	DATE



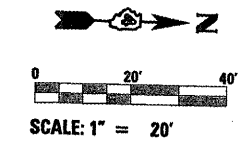
**VILLAGE OF PEORIA HEIGHTS  
PROSPECT ROAD MILL & OVERLAY  
REMOVAL PLAN**



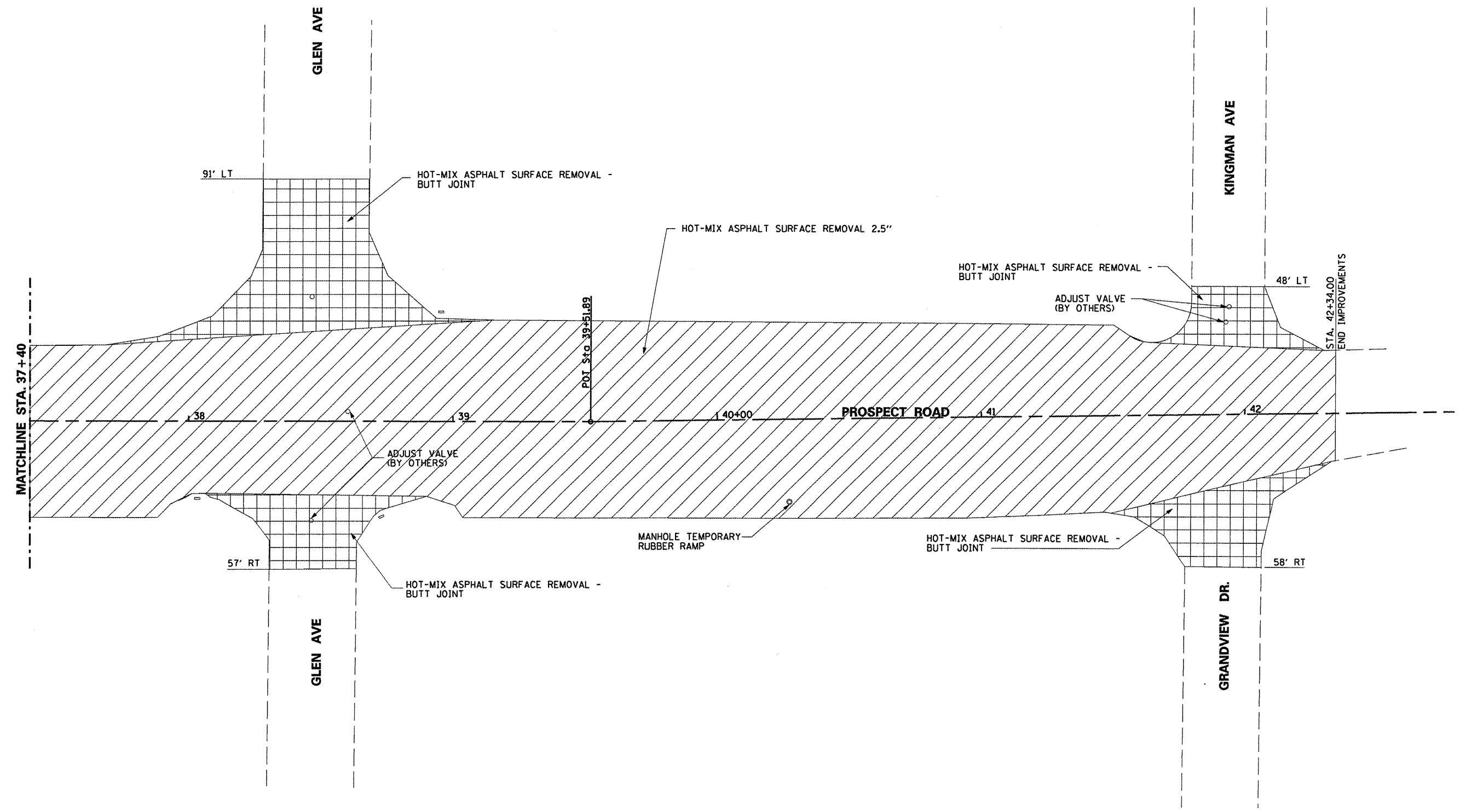
**HERMANN & ASSOCIATES, LLC**  
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TRANSPORTATION • MUNICIPAL ENGINEERING  
LAND DEVELOPMENT • ASBESTOS INSPECTION  
CONSTRUCTION OBSERVATION

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APPROVED BY:	
DATE:	MAY, 2009
JOB No:	28.023.09



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	D9-00080-00-RS	PEORIA	14	7
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



REVISIONS		
NUMBER	BY	DATE

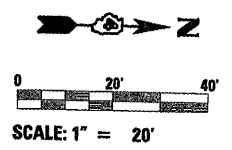
**VILLAGE OF PEORIA HEIGHTS  
PROSPECT ROAD MILL & OVERLAY  
REMOVAL PLAN**



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TRANSPORTATION • MUNICIPAL ENGINEERING  
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DESIGN BY:	JLH
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DATE:	MAY, 2009
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CONTRACT NO. 89535				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	D9-00080-00-RS	PEORIA	14	8
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

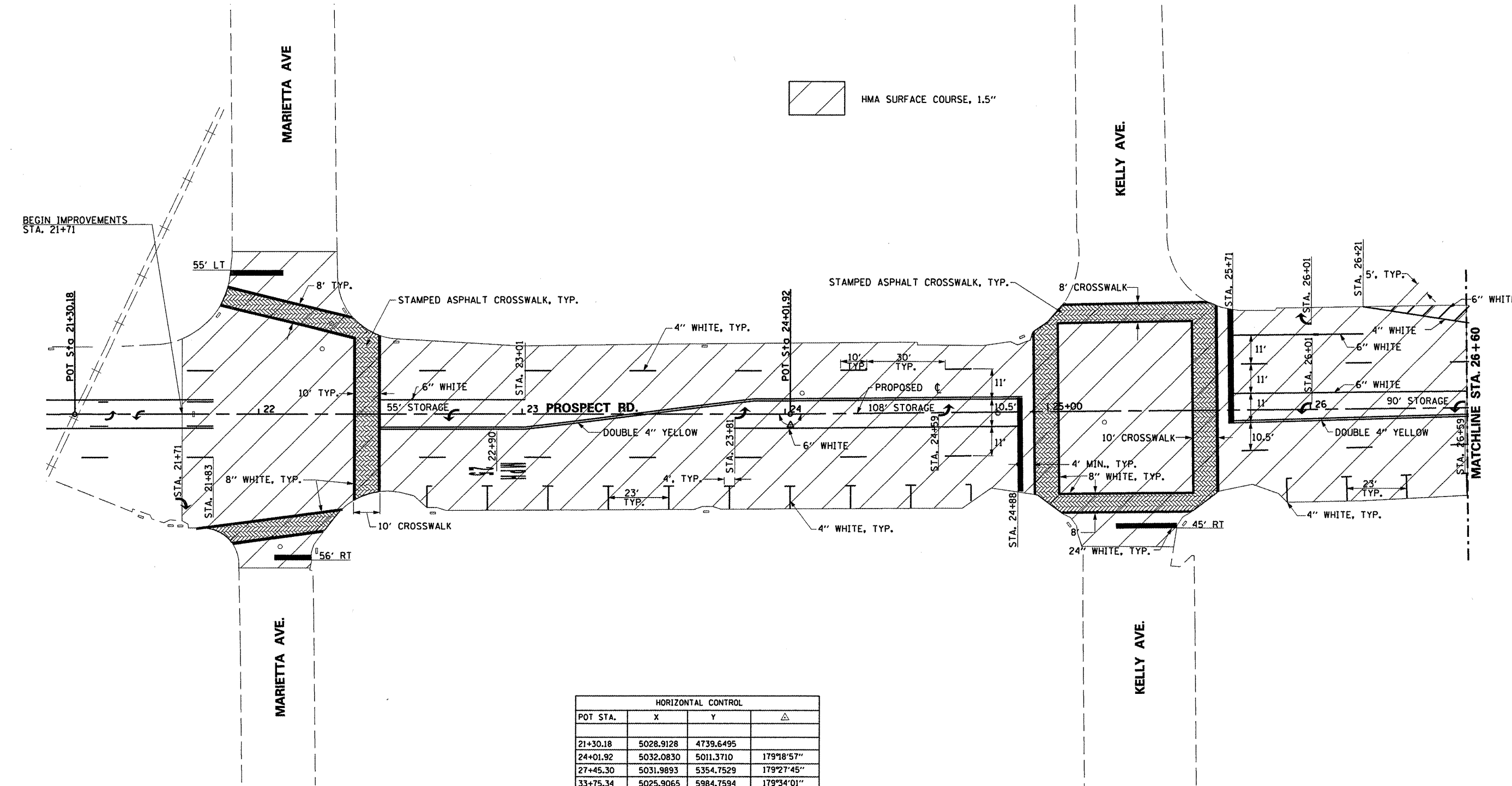
REVISIONS		
NUMBER	BY	DATE

**VILLAGE OF PEORIA HEIGHTS  
PROSPECT ROAD MILL & OVERLAY  
PROPOSED PLAN**

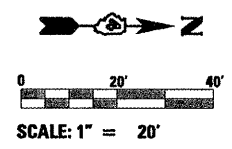
**HERMANN & ASSOCIATES, LLC**  
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PEORIA, ILLINOIS 61614  
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TRANSPORTATION • MUNICIPAL ENGINEERING  
LAND DEVELOPMENT • ASBESTOS INSPECTION  
CONSTRUCTION OBSERVATION

DESIGN BY: JLH  
DRAWN BY: JLH/SNP  
CHECKED BY: JLH  
APPROVED BY:  
DATE: MAY, 2009  
JOB No: 28.023.09

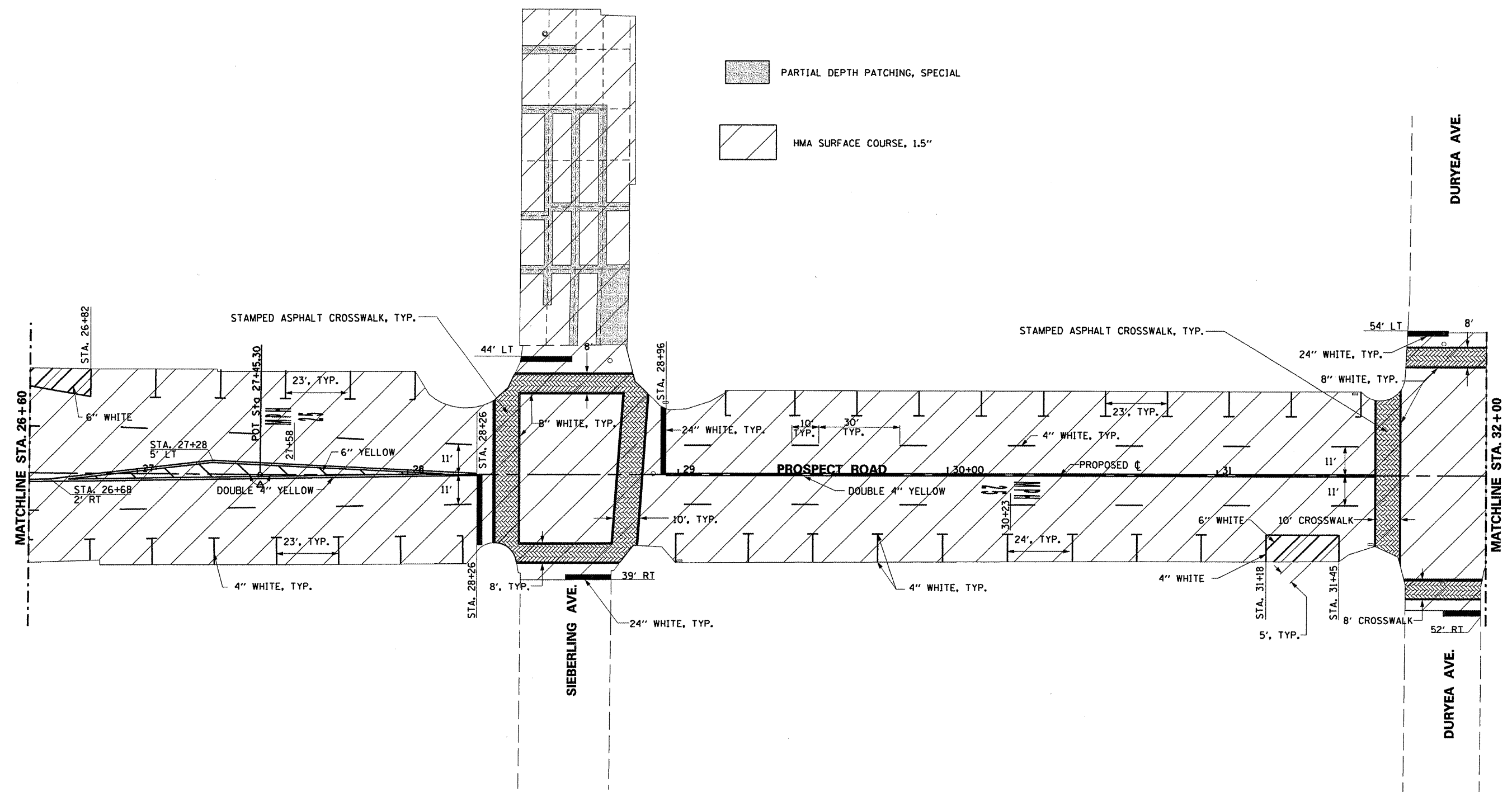


HORIZONTAL CONTROL			
POT STA.	X	Y	△
21+30.18	5028.9128	4739.6495	
24+01.92	5032.0830	5011.3710	179°18'57"
27+45.30	5031.9893	5354.7529	179°27'45"
33+75.34	5025.9065	5984.7594	179°34'01"
35+12.30	5023.5490	6121.7040	179°27'32"
39+51.89	5020.1329	6561.2808	179°07'30"
44+33.01	5009.0470	7042.2661	





CONTRACT NO. 89535				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	09-00080-00-RS	PEORIA	14	9
STA.	TO STA.			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		



- PARTIAL DEPTH PATCHING, SPECIAL
- HMA SURFACE COURSE, 1.5"

REVISIONS		
NUMBER	BY	DATE

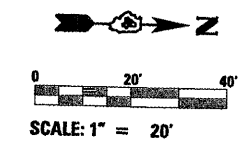
**VILLAGE OF PEORIA HEIGHTS  
PROSPECT ROAD MILL & OVERLAY  
PROPOSED PLAN**

**HERMANN & ASSOCIATES, LLC**  
CONSULTING ENGINEERS

6835 NORTH GALENA ROAD  
PEORIA, ILLINOIS 61614  
P: (309) 687-6566  
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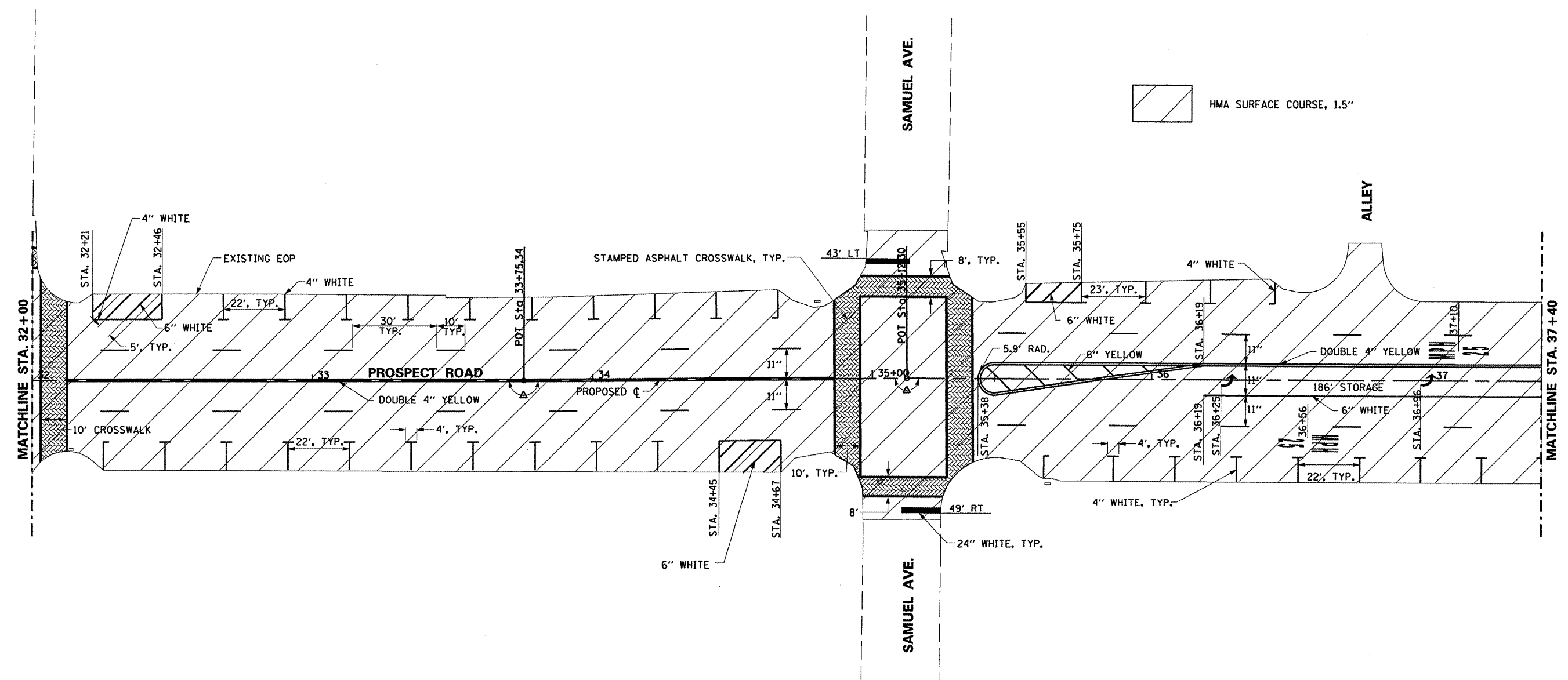
TRANSPORTATION • MUNICIPAL ENGINEERING  
LAND DEVELOPMENT • ASBESTOS INSPECTION  
CONSTRUCTION OBSERVATION

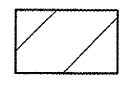
DESIGN BY:	JLH
DRAWN BY:	JLH/SNP
CHECKED BY:	JLH
APPROVED BY:	
DATE:	MAY, 2009
JOB No:	28.023.09



CONTRACT NO. 89535				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0080-00-RS		PEORIA	14	10
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

REVISIONS		
NUMBER	BY	DATE

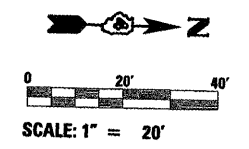


 HMA SURFACE COURSE, 1.5"

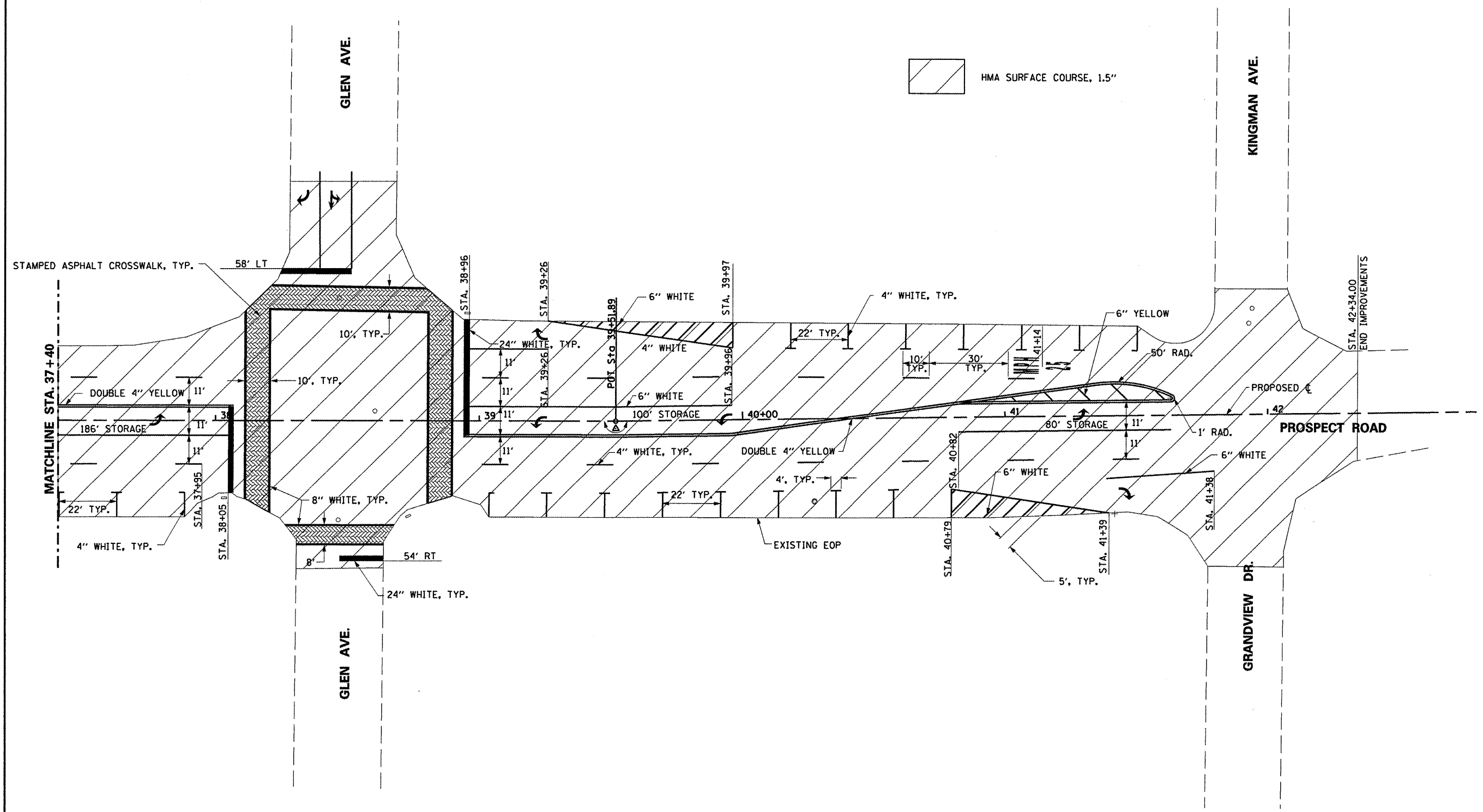
**VILLAGE OF PEORIA HEIGHTS  
PROSPECT ROAD MILL & OVERLAY  
PROPOSED PLAN**

**HA**  
HERMANN & ASSOCIATES, LLC  
CONSULTING ENGINEERS  
5835 NORTH GALENA ROAD  
PEORIA, ILLINOIS 61614  
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DESIGN BY:	JLH
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DATE:	MAY, 2009
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CONTRACT NO. 89535				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	09-00080-00-RS	PEORIA	14	11
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



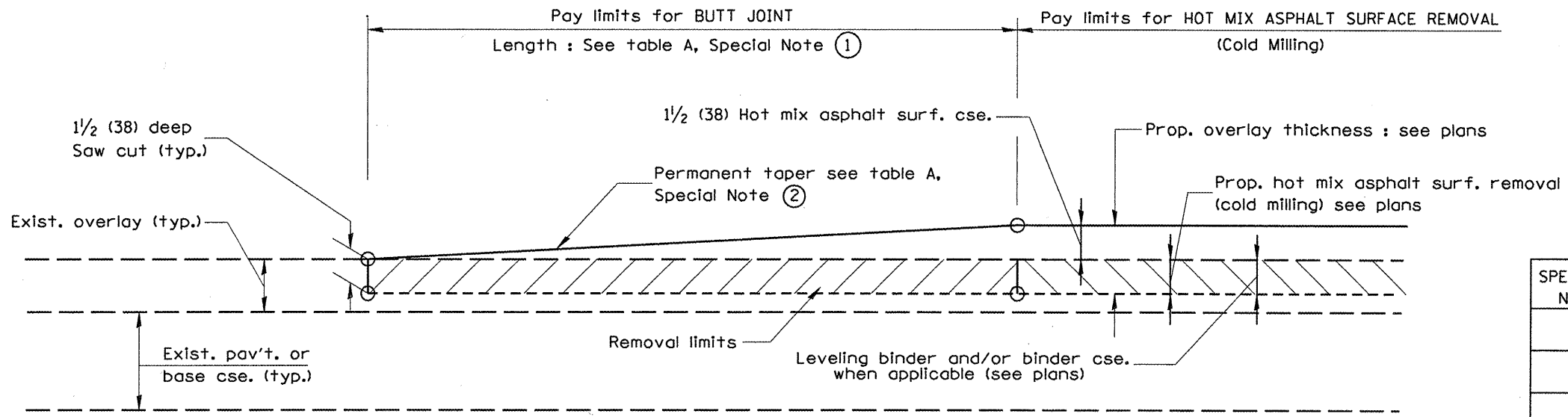
REVISIONS		
NUMBER	BY	DATE

**VILLAGE OF PEORIA HEIGHTS  
PROSPECT ROAD MILL & OVERLAY  
PROPOSED PLAN**

**HERMANN & ASSOCIATES, LLC**  
CONSULTING ENGINEERS  
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TRANSPORTATION • MUNICIPAL ENGINEERING  
LAND DEVELOPMENT • ASBESTOS INSPECTION  
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APPROVED BY:	
DATE:	MAY, 2009
JOB No:	28.023.09



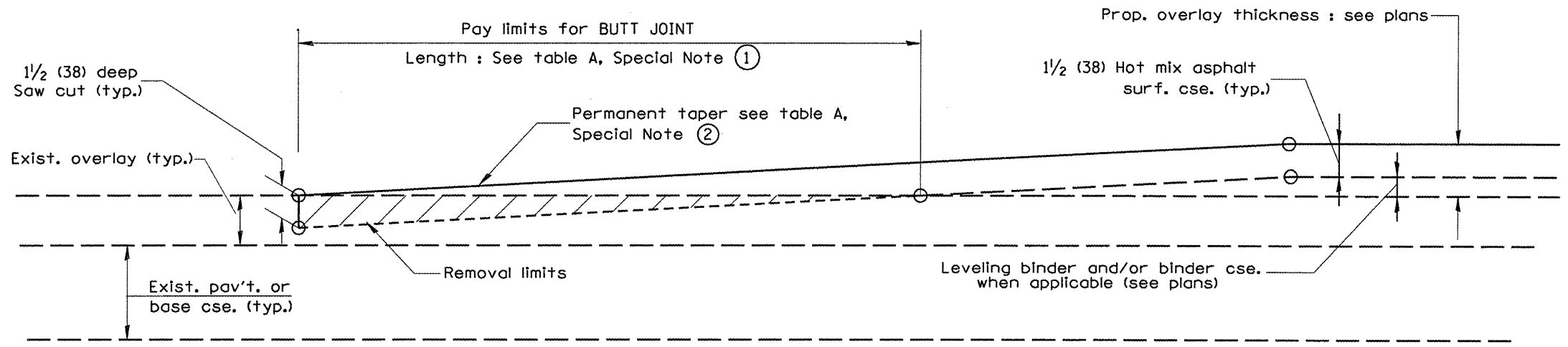
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A**  
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

**GENERAL NOTES**

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

DESIGNER NOTES:  
 1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).  
 2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).

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

DATE	REVISIONS	BY
1-1-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
4-1-97	CORRECTION TO DEPTH	J.A.
9-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

ILLINOIS DEPARTMENT OF TRANSPORTATION

**DISTRICT CADD STANDARD**

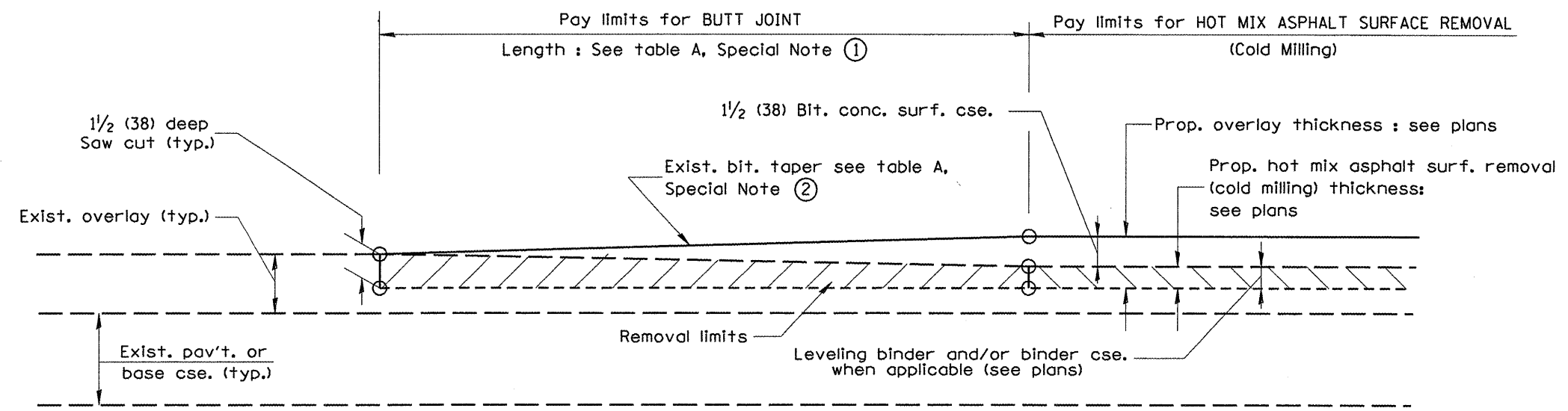
**BUTT JOINTS**

CADD STD NO. 406101-D4 SHEET 1 OF 3

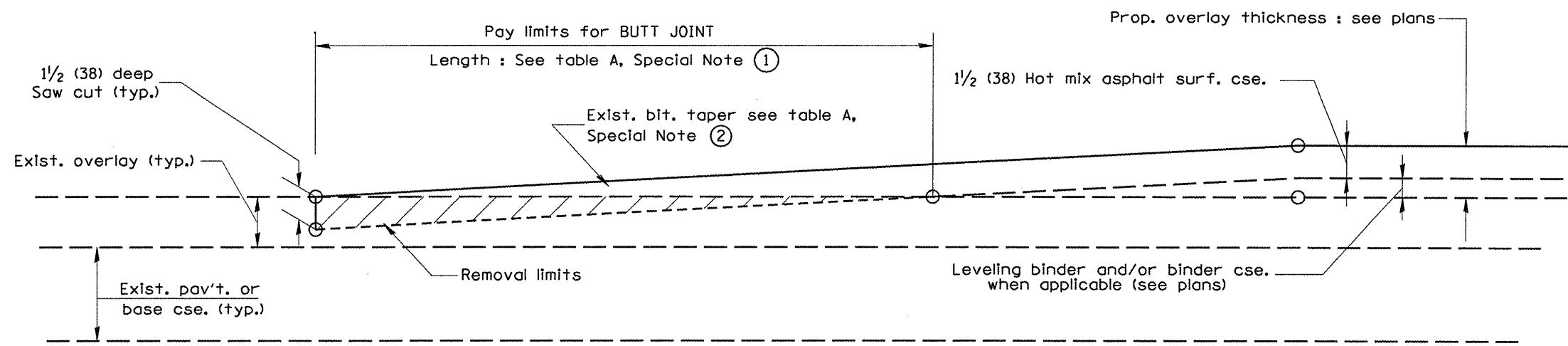
SCALE: NOT DRAWN TO SCALE      DRAWN BY CADD  
DATE      CHECKED BY

89535 CONTRACT NO.

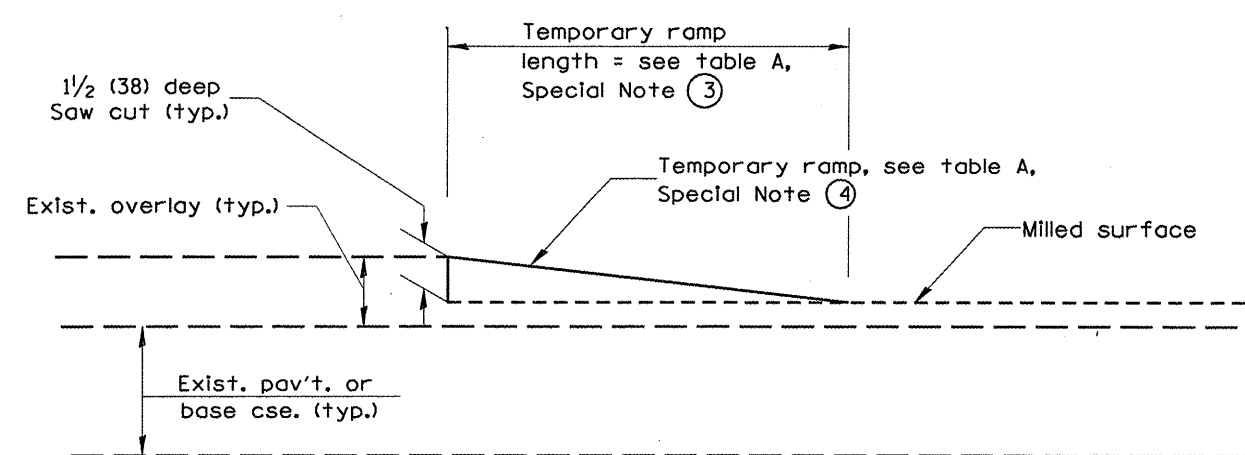
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00080-00-RS	PEORIA	14	13	
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



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



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



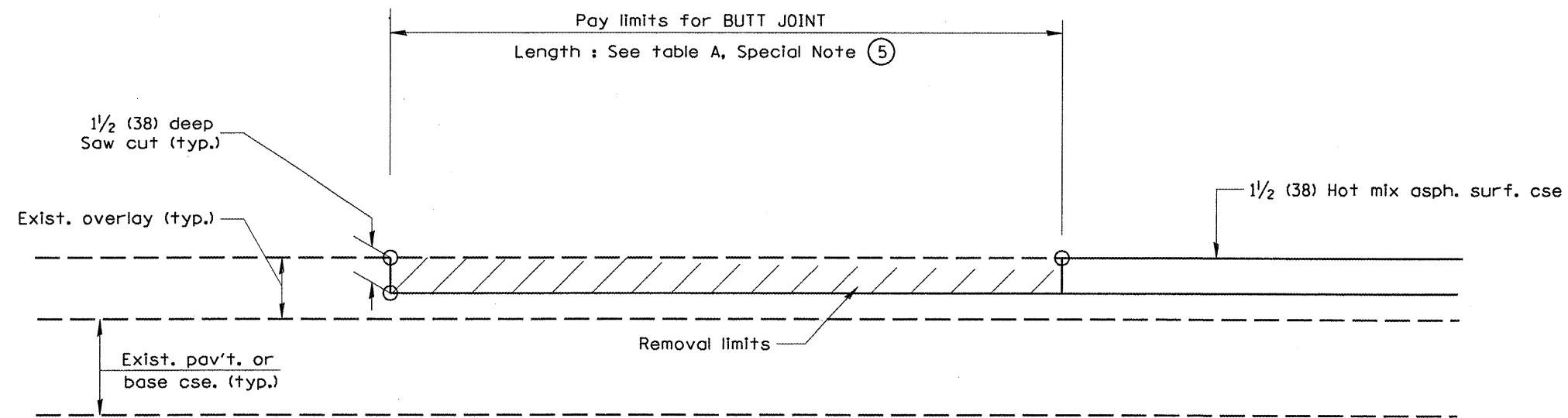
**DETAIL TEMPORARY RAMP**

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**  
**BUTT JOINTS**  
 CADD STD NO. 406101-D4 SHEET 2 OF 3  
 SCALE: NOT DRAWN TO SCALE DRAWN BY CADD  
 CHECKED BY

89535 CONTRACT NO.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00080-00-RS	PEORIA	14	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER

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

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
BUTT JOINTS	
CADD STD NO. 406101-D4	SHEET 3 OF 3
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
CHECKED BY	

406101-D4 (3)