

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

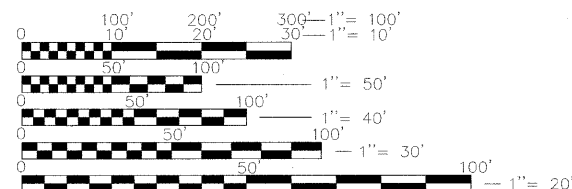
FAU ROUTES 7624, 7649, 7641, 7642, 7643, 7646
SECTION 09-00091-00-RS
PROJECT # ARA - 5013(016)
COLES COUNTY
JOB # C-97-108-09

INDEX OF SHEETS

1. COVER
2. SUMMARY OF QUANTITIES
3. MIXTURE REQUIREMENTS
4. LOCATION MAPS
5. TYPICAL CROSS SECTIONS
- 6.-8. SCHEDULE OF QUANTITIES

LIST OF STANDARDS

- 442201-03
- 701301-03
- 701311-03
- 701501-05
- 701601-06
- 701701-06
- 701901-01
- 780001-02
- 886006-01
- BLR 22-6

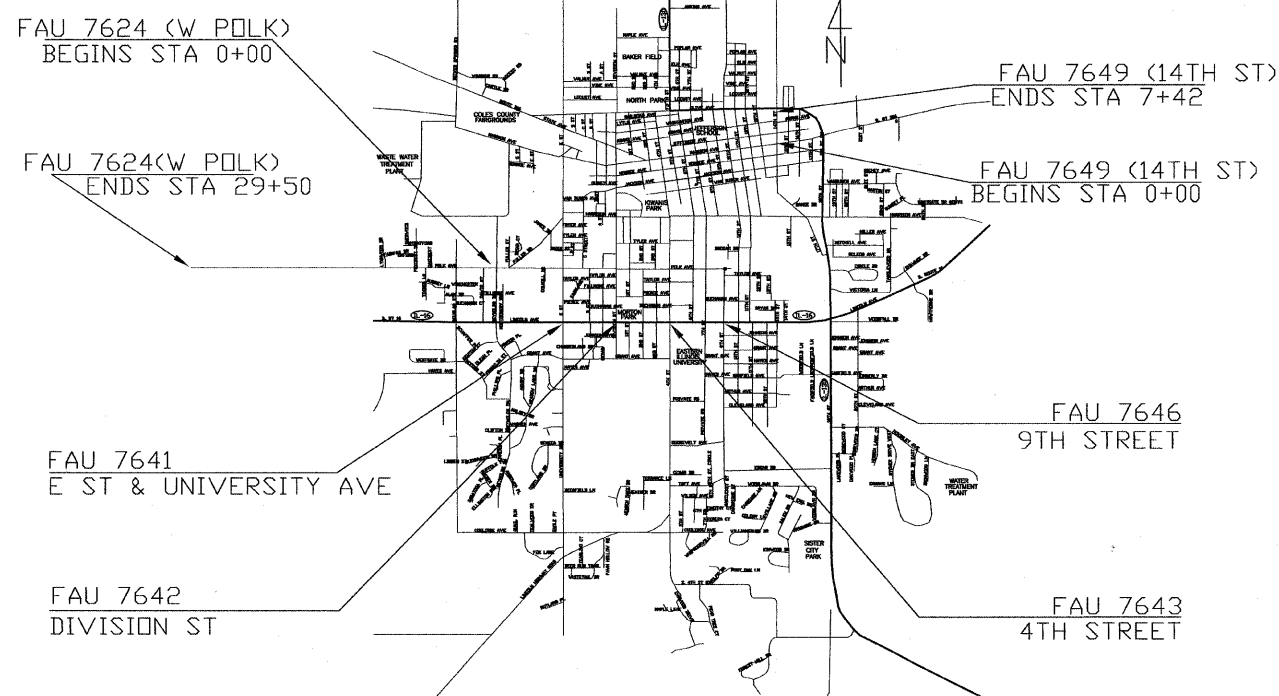


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 95592

CITY OF CHARLESTON



Project Length = 4,694.8 feet (0.89 miles)



C. Buescher
 EXPIRES 11/30/2009
 City of Charleston, IL
 520 Jackson Avenue
 Charleston, IL 61920

CITY OF CHARLESTON, IL	
Approved <u>6-2</u> 20 09	<i>C. Buescher</i>
CITY OF CHARLESTON PUBLIC WORKS DIRECTOR	
Passed <u>6/5</u> 20 09	<i>Marcel Kost</i>
DISTRICT 7 ENGINEER OF LOCAL ROADS & STREETS Releasing for Bid Based on limited Review <u>6/5</u> 20 09	
<i>Roger L. Anselillo</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 4 ENGINEER	

SUMMARY OF QUANTITIES

Construction Type Code: I 000

Code No.	Item	Unit	Total Quantity	University / E St	Division St	4th St	9th St.	14th St	W. Polk
40200800	Aggregate Surface Course, Type B	Ton	44.90	0.00	0.00	0.00	0.00	0.00	44.90
40600100	Bituminous Materials (Prime Coat)	Gallon	1,395.70	139.70	98.70	326.60	10.20	164.90	655.60
40600300	Aggregate (Prime Coat)	Ton	30.00	2.10	1.50	4.90	1.00	4.10	16.40
40600982	Hot-Mix Asphalt Surface Removal – Butt Joint	Sq. Yd.	366.60	0.00	0.00	0.00	0.00	233.30	133.30
40600990	Temporary Ramp	Sq. Yd.	350.80	117.80	80.10	67.40	30.00	33.30	22.20
40600635	Leveling Binder (Machine Method), N70	Ton	777.30	0.00	0.00	0.00	0.00	92.30	685.00
40603315	Hot-Mix Asphalt Surface Course, Mix"C", N70	Ton	771.20	0.00	61.40	0.00	12.30	138.50	559.00
40603340	Hot-Mix Asphalt Surface Course, Mix"D", N70	Ton	209.10	124.50	0.00	84.60	0.00	0.00	0.00
40800010	Bituminous Materials (Prime Coat)	Gallon	134.60	0.00	0.00	0.00	0.00	21.40	113.20
40800030	Aggregate (Prime Coat)	Ton	1.31	0.00	0.00	0.00	0.00	0.21	1.10
40800050	Incidental Hot-Mix Asphalt Surfacing	Ton	226.00	0.00	0.00	0.00	0.00	36.00	190.00
44000155	Hot - Mix Asphalt Surface Removal, 1 1/2"	Sq. Yd.	3,361.20	1,479.70	729.50	1,006.00	146.00	0.00	0.00
44000198	Hot-Mix Asphalt Surface Removal, Variable Depth	Sq. Yd.	1,648.90	0.00	0.00	0.00	0.00	1,648.90	0.00
44201737	Class D Patches, Type I, 8 Inch	Sq. Yd.	16.89	0.00	0.00	0.00	0.00	0.00	16.89
44201741	Class D Patches, Type II, 8 Inch	Sq. Yd.	56.06	0.00	0.00	0.00	0.00	26.70	29.36
44201745	Class D Patches, Type III, 8 Inch	Sq. Yd.	51.77	0.00	0.00	0.00	0.00	33.30	18.47
44201747	Class D Patches, Type IV, 8 Inch	Sq. Yd.	104.56	0.00	0.00	0.00	0.00	0.00	104.56
48101200	Aggregate Shoulders, Type B	Ton	196.20	0.00	0.00	0.00	0.00	0.00	196.20
56109210	Water Valves To Be Adjusted	Each	5.00	0.00	0.00	0.00	0.00	0.00	5.00
60255500	Manholes to be Adjusted	Each	12.00	0.00	0.00	0.00	0.00	5.00	7.00
* 88600100	Detector Loop, Type 1	LF	1,361.00	461.00	478.00	358.00	64.00	0.00	0.00
67100100	Mobilization	L. Sum	1.00	0.33	0.00	0.00	0.00	0.33	0.33
70101700	Traffic Control and Protection	L. Sum	1.00	0.00	0.00	0.00	0.00	0.50	0.50
70102620	Traffic Control and Protection, Standard 701501	L. Sum	1.00	0.00	0.00	0.00	0.00	1.00	0.00
70102630	Traffic Control and Protection, Standard 701601	L. Sum	1.00	0.25	0.25	0.25	0.25	0.00	0.00
70102635	Traffic Control and Protection, Standard 701701	L. Sum	1.00	0.25	0.25	0.25	0.25	0.00	0.00
70300100	Short-Term Pavement Marking	LF	706.80	49.60	53.00	213.60	21.40	74.20	295.00
* 78000100	Thermoplastic Pavement Marking – Letters and Symbols	Sq. Ft.	415.20	83.20	106.20	194.60	31.20	0.00	0.00
* 78000200	Thermoplastic Pavement Marking - Line 4"	LF	4,299.00	496.00	530.00	2,136.00	214.00	185.50	737.50
* 78000400	Thermoplastic Pavement Marking - Line 6"	LF	1,029.00	299.00	169.00	314.00	167.00	80.00	0.00
* 78000650	Thermoplastic Pavement Marking - Line 24"	LF	334.00	57.00	41.00	86.00	40.00	20.00	90.00

*SPECIALTY ITEMS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
99-00091-00-RS	COLES	8	3

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Surface Course (1 1/2") - University Avenue/ E Street

Application: Hot-Mix Asphalt Surface Course, Mix "D" N70
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-9.5
 Friction Aggregate: Mixture D

Class D Patches (8") - University Avenue / E Street

Application: Hot-Mix Asphalt Binder Course, IL-19.0, N70
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-19.0
 Friction Aggregate: Mixture N/A

Surface Course (1 1/2") - Division Street

Application: Hot-Mix Asphalt Surface Course, Mix "C" N70
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-9.5
 Friction Aggregate: Mixture C

Surface Course (1 1/2") - 4th Street

Application: Hot-Mix Asphalt Surface Course, Mix "D" N70
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-9.5
 Friction Aggregate: Mixture D

Surface Course (1 1/2") - 9th Street

Application: Hot-Mix Asphalt Surface Course, Mix "D" N70
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-9.5
 Friction Aggregate: Mixture D

Surface Course (1 1/2") - West Polk

Application: Hot-Mix Asphalt Surface Course, Mix "C" N70
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-9.5
 Friction Aggregate: Mixture C

Class D Patches (8") - West Polk

Application: Hot-Mix Asphalt Binder Course, IL-19.0, N70
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-19.0
 Friction Aggregate: Mixture N/A

Surface Course (1 1/2") - 14th Street

Application: Hot-Mix Asphalt Surface Course, Mix "C" N70
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-9.5
 Friction Aggregate: Mixture C

Level Binder (1") - 14th Street

Application: Leveling Binder (Machine Method)
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-9.5
 Friction Aggregate: N/A

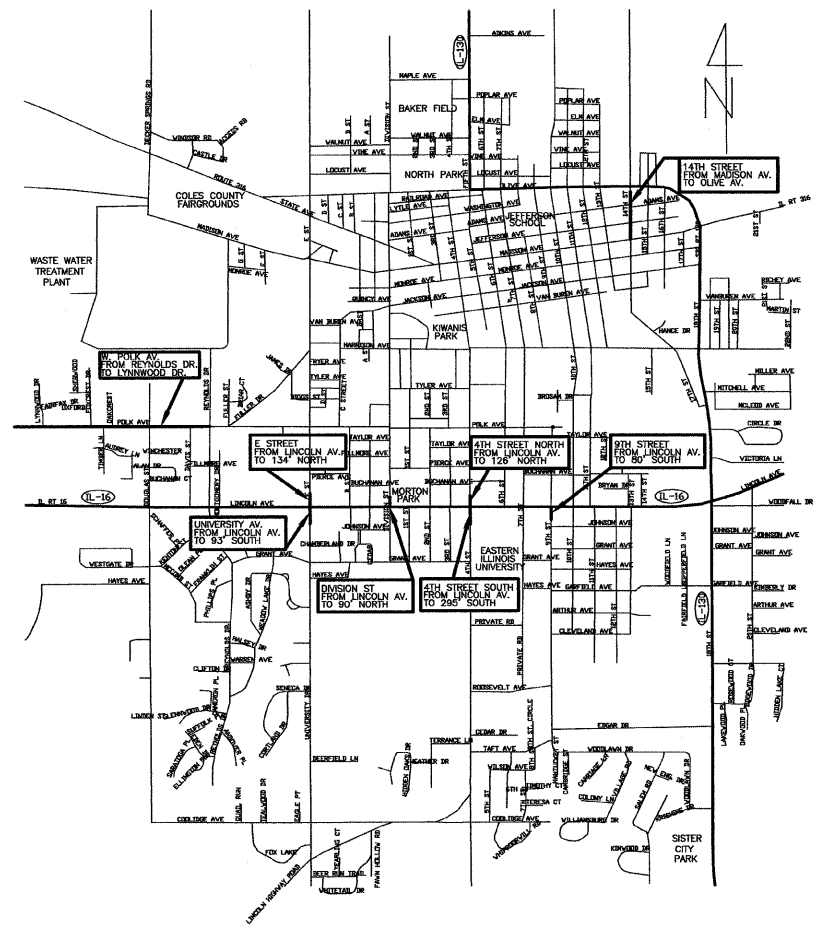
Class D Patches (8") - 14th Street

Application: Hot-Mix Asphalt Binder Course, IL-19.0, N70
 PG Grade: PG 64-22
 Design Air Voids: 4.0% @ Ndesign = 70
 Mixture Composition: IL-19.0
 Friction Aggregate: Mixture N/A

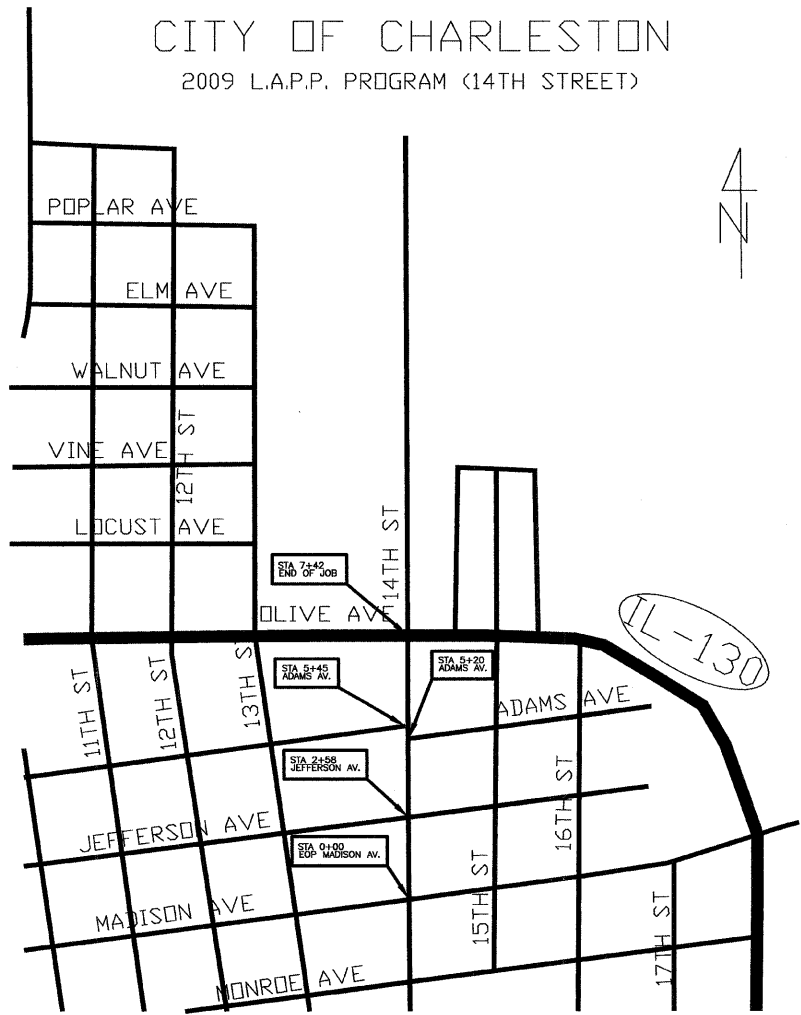
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0009H-00-RS	COLES	8	4

LOCATION MAPS

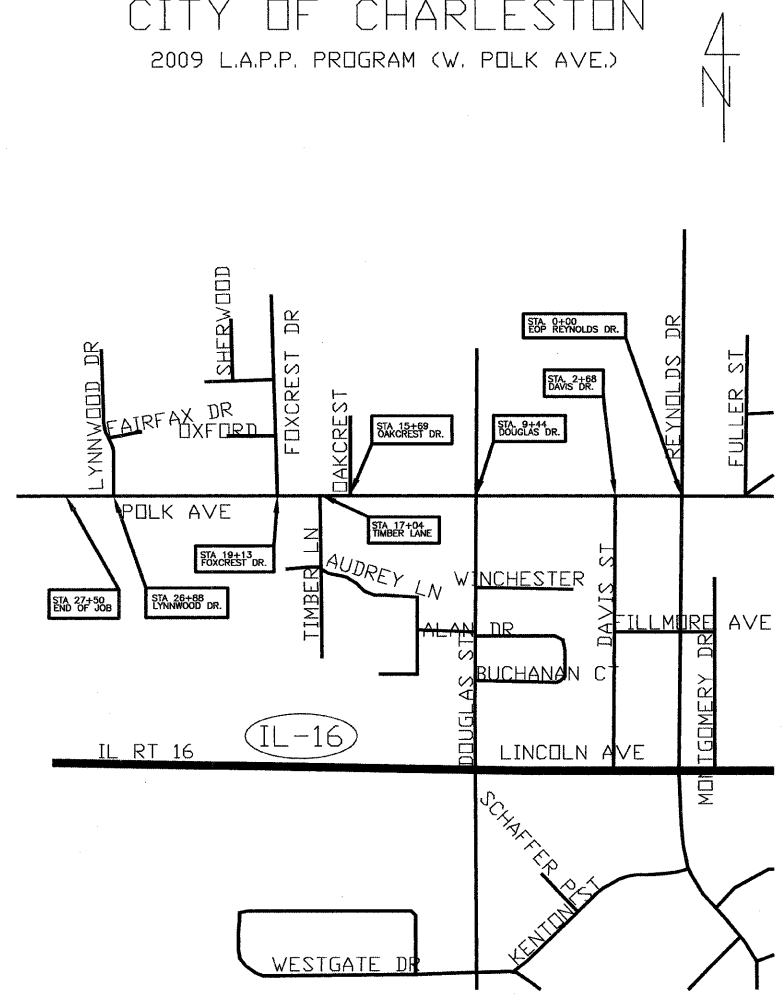
CITY OF CHARLESTON
2009 L.A.P.P. PROGRAM



CITY OF CHARLESTON
2009 L.A.P.P. PROGRAM (14TH STREET)



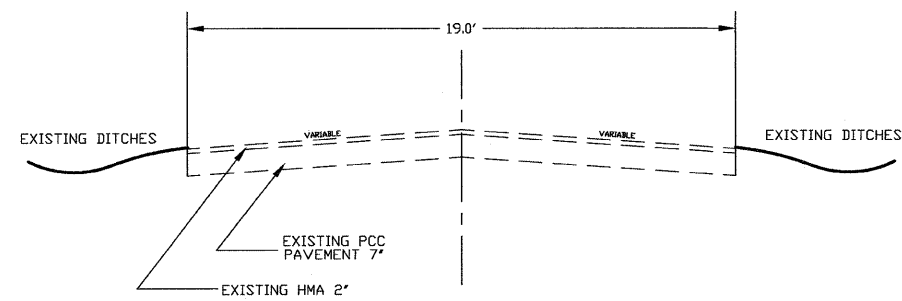
CITY OF CHARLESTON
2009 L.A.P.P. PROGRAM (W. POLK AVE.)



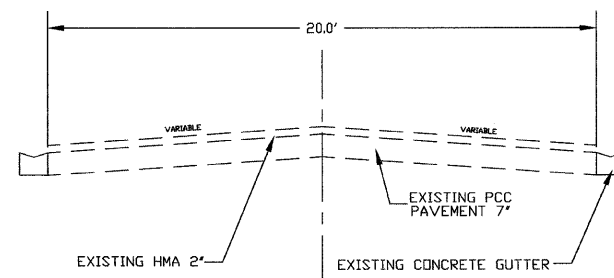
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0009H-00-R5	COLES	8	5

EXISTING AND PROPOSED TYPICAL CROSS SECTIONS

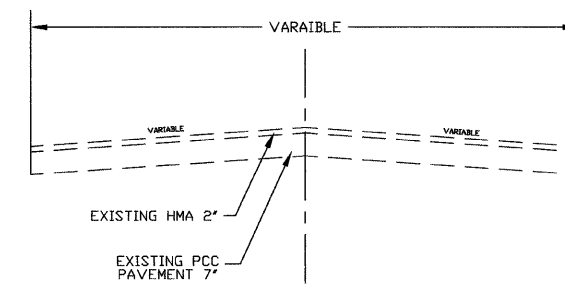
POLK AVENUE
EXISTING TYPICAL SECTION
STATION 0+00 (REYNOLDS DR)
TO 29+50 (LYNNWOOD DR)



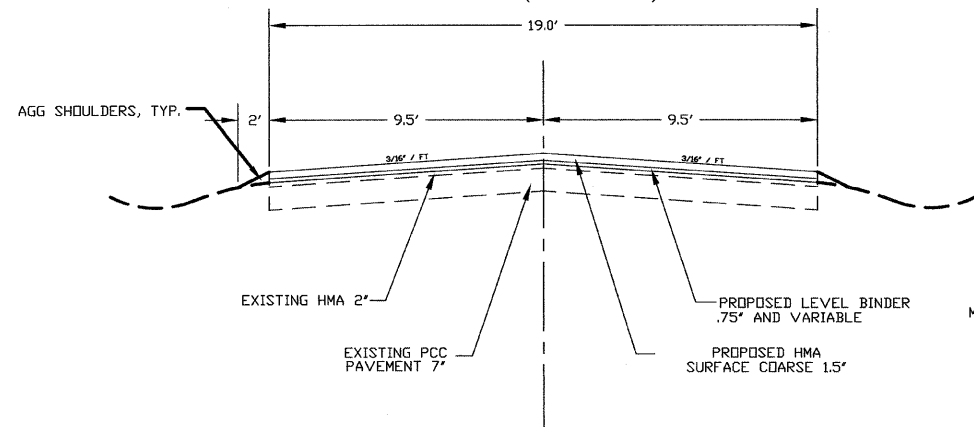
14th STREET
EXISTING TYPICAL SECTION
STATION 0+00 (MADISON AVE)
TO 7+42 (OLIVE AVE)



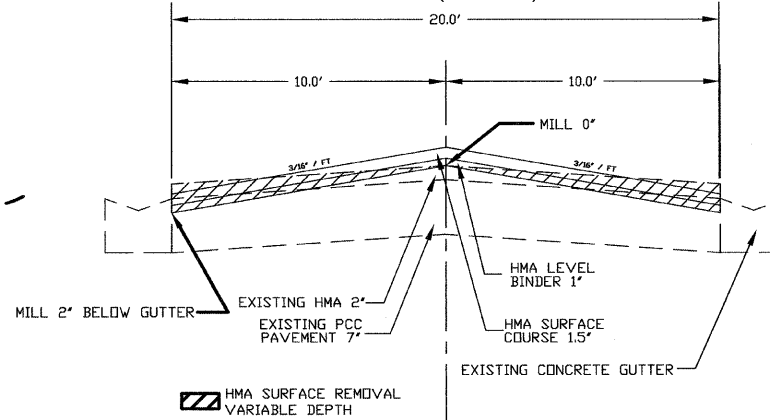
E ST, UNIVERSITY AVE, DIVISION ST, 4TH ST, 9TH ST
EXISTING TYPICAL SECTION
APPROACHES TO RT 16



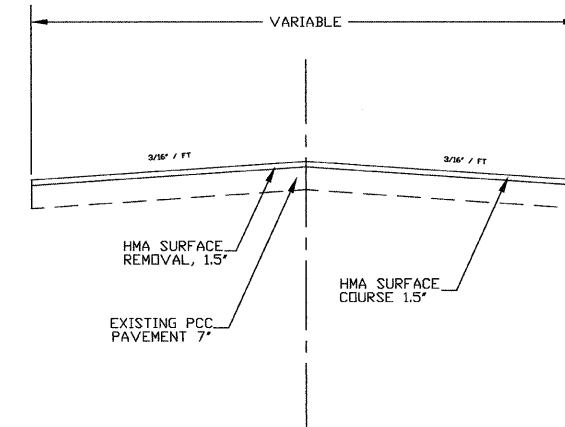
POLK AVENUE
PROPOSED TYPICAL SECTION
STATION 0+00 (REYNOLDS DR)
TO 29+50 (LYNNWOOD DR)



14th STREET
PROPOSED TYPICAL SECTION
STATION 0+00 (MADISON AVE)
TO 7+42 (OLIVE AVE)



E ST, UNIVERSITY AVE, DIVISION ST, 4TH ST, 9TH ST
PROPOSED TYPICAL SECTION
APPROACHES TO RT 16



▨ HMA SURFACE REMOVAL
VARIABLE DEPTH

SCHEDULE OF QUANTITIES

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0009I-00-RS	COLES	8	6

<u>40200800</u>		<u>AGG SURF COURSE TY B</u>				
Location	Station	Description	Length	Width	Thickness	Tons
W. Polk	0+60	P.E.	20	5	0.25	1.66
	1+50	P.E.	20	5	0.25	1.66
	2+51	P.E.	20	5	0.25	1.66
	3+78	P.E.	20	5	0.25	1.66
	4+91	P.E.	38	5	0.25	3.16
	6+79	P.E.	25	5	0.25	2.08
	7+43	P.E.	20	5	0.25	1.66
	8+11	P.E.	25	5	0.25	2.08
	8+66	P.E.	20	5	0.25	1.66
	9+44	P.E.	20	5	0.25	1.66
	9+72	P.E.	12	5	0.25	1.00
	10+56	P.E.	20	5	0.25	1.66
	10+78	P.E.	60	5	0.25	4.99
	12+91	P.E.	20	5	0.25	1.66
	13+72	P.E.	20	5	0.25	1.66
	15+12	C.E.	35	5	0.25	2.91
	22+33	P.E.	20	5	0.25	1.66
	23+99	P.E.	35	5	0.25	2.91
	24+43	P.E.	25	5	0.25	2.08
	24+98	C.E.	35	5	0.25	2.91
29+37	P.E.	30	5	0.25	2.49	

14th						0.00
IL 16						0.00
						44.89

<u>40600982</u>		<u>HMA SURF REM BUTT JT</u>			
Location	Station	to Station	Length	Width	Area
W. Polk	0+00	0+30	30	20	66.7
	29+20	29+50	30	20	66.7
14th	0+00	0+30	30	35	116.7
	7+12	7+42	30	35	116.7
IL 16 Intersections					0.0
					366.7

<u>40800010</u>		<u>BIT MATLS PR CT</u>				
Location	Station	Description	Length	Width	Area	Gallons
W. Polk	1+23 LT	PCC P.E.	8	15	13.3	1.33
	2+68 LT	Davis Dr.	20	25	55.6	5.56
	3+66 LT	PCC P.E.	8	12	10.7	1.07
	4+13 LT	PCC P.E.	8	12	10.7	1.07
	4+37 LT	PCC P.E.	8	20	17.8	1.78
	5+66 LT	PCC P.E.	8	20	17.8	1.78
	6+76 LT	PCC P.E.	8	20	17.8	1.78
	7+60 LT	PCC P.E.	8	20	17.8	1.78
	8+21 LT	PCC P.E.	8	18	16.0	1.60
	9+44 LT	Douglas Dr.	35	20	77.8	7.78
	10+97 LT	PCC P.E.	8	28	24.9	2.49
	11+41 RT	PCC P.E.	8	28	24.9	2.49
	12+55 RT	HMA C.E.	10	35	38.9	3.89
	13+66 LT	HMA C.E.	10	35	38.9	3.89
	14+44 RT	HMA C.E.	10	20	22.2	2.22
	15+69 RT	Oakcrest Dr.	20	55	122.2	12.22
	16+42 RT	HMA C.E.	8	38	33.8	3.38
	17+04 LT	Timber Lane	25	70	194.4	19.44
	17+20 RT	HMA C.E.	8	35	31.1	3.11
	18+06 RT	HMA P.E.	12	18	24.0	2.40
	19+13 RT	Foxcrest Dr.	10	70	77.8	7.78
	19+76 LT	PCC P.E.	10	28	31.1	3.11
	20+26 RT	PCC P.E.	10	20	22.2	2.22
	20+30 LT	PCC P.E.	10	18	20.0	2.00
	20+89 RT	PCC P.E.	10	15	16.7	1.67
	21+46 RT	PCC P.E.	7	15	11.7	1.17
21+65 LT	PCC P.E.	3	40	13.3	1.33	
22+01 RT	PCC P.E.	5	15	8.3	0.83	
25+01 LT	HMA C.E.	10	25	27.8	2.78	
26+88 RT	Lynnwood Dr.	13	64	92.4	9.24	
14th	2+58 RT	Jefferson Ave.	12	15	20.0	2.00
	2+58 LT	Jefferson Ave.	35	20	77.8	7.78
	5+20 RT	Adams Ave.	30	15	50.0	5.00
	5+45 LT	Adams Ave.	30	20	66.7	6.67
IL 16 Intersections						0.00
						134.62

<u>40800030</u>		<u>AGG PR CT</u>				
Location	Station	Description	Length	Width	Area	Tons
W. Polk	1+23 LT	PCC P.E.	8	15	13.3	0.01
	2+68 LT	Davis Dr.	20	25	55.6	0.06
	3+66 LT	PCC P.E.	8	12	10.7	0.01
	4+13 LT	PCC P.E.	8	12	10.7	0.01
	4+37 LT	PCC P.E.	8	20	17.8	0.02
	5+66 LT	PCC P.E.	8	20	17.8	0.02
	6+76 LT	PCC P.E.	8	20	17.8	0.02
	7+60 LT	PCC P.E.	8	20	17.8	0.02
	8+21 LT	PCC P.E.	8	18	16.0	0.02
	9+44 LT	Douglas Dr.	35	20	77.8	0.08
	10+97 LT	PCC P.E.	8	28	24.9	0.02
	11+41 RT	PCC P.E.	8	28	24.9	0.02
	12+55 RT	HMA C.E.	10	35	38.9	0.04
	13+66 LT	HMA C.E.	10	35	38.9	0.04
	14+44 RT	HMA C.E.	10	20	22.2	0.02
	15+69 RT	Oakcrest Dr.	20	55	122.2	0.12
	16+42 RT	HMA C.E.	8	38	33.8	0.03
	17+04 LT	Timber Lane	25	70	194.4	0.19
	17+20 RT	HMA C.E.	8	35	31.1	0.03
	18+06 RT	HMA P.E.	12	18	24.0	0.02
	19+13 RT	Foxcrest Dr.	10	70	77.8	0.08
	19+76 LT	PCC P.E.	10	28	31.1	0.03
	20+26 RT	PCC P.E.	10	20	22.2	0.02
	20+30 LT	PCC P.E.	10	18	20.0	0.02
	20+89 RT	PCC P.E.	10	15	16.7	0.02
	21+46 RT	PCC P.E.	7	15	11.7	0.01
21+65 LT	PCC P.E.	3	40	13.3	0.01	
22+01 RT	PCC P.E.	5	15	8.3	0.01	
25+01 LT	HMA C.E.	10	25	27.8	0.03	
26+88 RT	Lynnwood Dr.	13	64	92.4	0.09	
14th	2+58 RT	Jefferson Ave.	12	15	20.0	0.02
	2+58 LT	Jefferson Ave.	35	20	77.8	0.08
	5+20 RT	Adams Ave.	30	15	50.0	0.05
	5+45 LT	Adams Ave.	30	20	66.7	0.07
IL 16 Intersections						0.00
						1.35

<u>40600990</u>		<u>TEMPORARY RAMP</u>			
Location	Station	Length	Width	Sq. Yds.	
W. Polk	0+00	5	20	11.1	
	29+50	5	20	11.1	
14th	0+00	5	35	19.4	
	7+42	5	25	13.9	
IL 16 Intersections					
	University Ave.	10+93	129.0	3	43.0
	University Ave.	10+00	50.7	3	16.9
	"E" St.	20+00	123.2	3	41.1
	"E" St.	21+34	50.5	3	16.8
	Division St.(South Approach)	30+00	77.6	3	25.9
	Division St.(South Approach)	30+51.7	28.9	3	9.6
	Division St.(North Approach)	40+00	95.2	3	31.7
	Division St.(North Approach)	40+90	38.5	3	12.8
	4th St.(South Approach)	0	0.0	0	0.0
	4th St.(South Approach)	0	0.0	0	0.0
	4th St.(North Approach)	60+00	150.5	3	50.2
	4th St.(North Approach)	61+26	51.8	3	17.3
	9th St.(South Approach)	0	0.0	0	0.0
	9th St.(South Approach)	0	0.0	0	0.0
	9th St.(North Approach)	80+00	67.0	3	22.3
	9th St.(North Approach)	80+60	23.0	3	7.7
					350.9

Total 134.62

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0009H-00-RS	COLES	8	7

SCHEDULE OF QUANTITIES

Location	44201737	Class D Patch Type 1 8"	Width	Sq. Yds.
W. Polk	Station	Length		
	Rt 13+90	4	9.5	4.22
	Lt 13+90	4	9.5	4.22
	Rt 23+60	4	9.5	4.22
	Rt 27+21	4	9.5	4.22
				<u>16.89</u>

Location	44201741	Class D Patch Type 2 8"	Width	Sq. Yds.
W. Polk	Station	Length		
	Rt 6+49	11.5	9.5	12.14
	Rt 12+63	6	9.5	6.33
	Lt 24+85	14	7	10.89
14th	1+15 LT & RT	20	6	13.3
	5+30 LT & RT	20	6	13.3
				<u>56.03</u>

Location	44201745	Class D Patch Type 3 8"	Width	Sq. Yds.
W. Polk	Station	Length		
	Lt 29+00	17.5	9.5	18.47
14th	0+25 LT	50	6	33.3
				<u>51.81</u>

Location	44201747	Class D Patch Type 4 8"	Width	Sq. Yds.
W. Polk	Station	Length		
	Rt 28+24	60	6.5	43.33
	Rt 29+00	58	9.5	61.22
				<u>104.56</u>

Location	Station	Description	Length	Width	Area	Tons Incid. HMA
W. Polk	1+23 LT	PCC P.E.	8	15	13.3	2.24
	2+68 LT	Davis Dr.	20	25	55.6	9.33
	3+66 LT	PCC P.E.	8	12	10.7	1.79
	4+13 LT	PCC P.E.	8	12	10.7	1.79
	4+37 LT	PCC P.E.	8	20	17.8	2.99
	5+66 LT	PCC P.E.	8	20	17.8	2.99
	6+76 LT	PCC P.E.	8	20	17.8	2.99
	7+60 LT	PCC P.E.	8	20	17.8	2.99
	8+21 LT	PCC P.E.	8	18	16.0	2.69
	9+44 LT	Douglas Dr.	35	20	77.8	13.07
	10+97 LT	PCC P.E.	8	28	24.9	4.18
	11+41 RT	PCC P.E.	8	28	24.9	4.18
	12+55 RT	HMA C.E.	10	35	38.9	6.53
	13+66 LT	HMA C.E.	10	35	38.9	6.53
	14+44 RT	HMA C.E.	10	20	22.2	3.73
	15+69 RT	Oakcrest Dr.	20	55	122.2	20.53
	16+42 RT	HMA C.E.	8	38	33.8	5.67
	17+04 LT	Timber Lane	25	70	194.4	32.67
	17+20 RT	HMA C.E.	8	35	31.1	5.23
	18+06 RT	HMA P.E.	12	18	24.0	4.03
	19+13 RT	Foxcrest Dr.	10	70	77.8	13.07
	19+76 LT	PCC P.E.	10	28	31.1	5.23
	20+26 RT	PCC P.E.	10	20	22.2	3.73
	20+30 LT	PCC P.E.	10	18	20.0	3.36
	20+89 RT	PCC P.E.	10	15	16.7	2.80
	21+46 RT	PCC P.E.	7	15	11.7	1.96
21+65 LT	PCC P.E.	3	40	13.3	2.24	
22+01 RT	PCC P.E.	5	15	8.3	1.40	
25+01 LT	HMA C.E.	10	25	27.8	4.67	
26+88 RT	Lynnwood Dr.	13	64	92.4	15.53	
14th	2+58 RT	Jefferson Ave.	12	15	20.0	3.4
	2+58 LT	Jefferson Ave.	35	20	77.8	13.1
	5+20 RT	Adams Ave.	30	15	50.0	8.4
	5+45 LT	Adams Ave.	30	20	66.7	11.2
IL 16 Intersections						<u>0.00</u>
						226.17

Location	60255500	Manholes to be Adjusted	Quantity	Total
W. Polk	Station	Quantity		
	2+68	1		
	6+04	1		
	9+40	1		
	11+29	1		
	13+36	1		
	14+43	1		
17+27	1			
				7
14th	1+03 LT	1		
	1+34 LT	1		
	1+59 LT	1		
	1+59 RT	1		
	5+45 CL	1		
				5
	Total			<u>12</u>

Location	56109210	Water Valves to be Adjusted	Quantity
W. Polk	Station	Quantity	
	9+21	1	
	9+55	1	
	12+49	1	
	15+48	1	
16+49	1		
			<u>5</u>

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0009H-00-RS	COLES	8	8

SCHEDULE OF QUANTITIES

78000200		THPL PVT MK LINE 4			
Location	Station	to Station	White	Yellow	Length
W. Polk	0+00 RT	29+50	Skip Dash	737.5	737.5
14th	0+00 RT	7+42	Skip Dash	185.5	185.5
IL 16	Location				
	University Ave.			60	180.0
	"E" St.			106	316.0
	Division St.(South Approach)			0	40.0
	Division St.(North Approach)			92	490.0
	4th St.(South Approach)			200	1,160.0
	4th St.(North Approach)			180	976.0
	9th St.(South Approach)			50	150.0
	9th St.(North Approach)			0	64.0
			688	3611	4,299.0

78000400		THPL PVT MK LINE 6	
Location	Station	Location	Length
W. Polk			0
14th	2+58 RT	Jefferson Ave.	40.0
	5+20 RT	Adams Ave.	40.0
IL 16	Crosswalks		
		University Ave.	169
		"E" St.	130
		Division St.(South Approach)	80
		Division St.(North Approach)	89
		4th St.(South Approach)	146
		4th St.(North Approach)	168
		9th St.(South Approach)	117
		9th St.(North Approach)	50
		Total	1029

78000500		THPL PVT MK LINE 24	
Location	Station	Location	Length
W. Polk		Reynolds Dr	10
		Douglas	10
		Davis	10
		Oakcrest	15
		Lynnwood	15
		Foxcrest	15
		Timberlane	15
14th	2+58 RT	Jefferson Ave.	10
	5+20 RT	Adams Ave.	10
IL 16	University Ave.		28
	"E" St.		29
	Division St.(South Approach)		18
	Division St.(North Approach)		23
	4th St.(South Approach)		40
	4th St.(North Approach)		46
	9th St.(South Approach)		29
	9th St.(North Approach)		11
		334	

88600100		DET LOOP TY 1			
Location	Station	Location	Size	LF	Total
IL 16		University Ave.	6x15	42	
			6x15	42	
			6x15	72	
				55	211
		"E" St.	6x6	24	
			6x6	24	
			6x6	24	
			6x6	24	
			6x10	32	
				122	250
		Division St. (N App.)	6x20	52	
			6x6	24	
			6x20	52	
			6x6	24	
			6x6	24	
				190	366
			6x20	52	
			6x6	24	
				36	112.0
		Total (Division St South)			
			6x6	24	
			6x6	24	
			6x6	24	
			6x6	24	
			6x6	24	
			6x6	24	
			6x6	24	
				190	358.0
		Total (4th St, N. Approach)			
			6x6	24	
			6x6	24	
				16	64.0
		Total (9th St, N. Approach)			
					1,361.0

78000100		HPL PVT MKING, LTR & SYM		
Location	Description	Area	QTY	Area
IL 16				
	University Av	15.6	1	15.6
		26.0	1	26
		15.6	1	15.6
		26.0	1	26
	Division St (North)	15.6	2	31.2
		26.0	2	52
		11.5	2	23
	4TH ST (NORTH)	15.6	2	31.2
		15.6	2	31.2
		20.8	1	20.8
		11.5	2	23
	4TH ST (SOUTH)	15.6	2	31.2
		15.6	2	31.2
		26.0	1	26
	9TH ST (SOUTH)	15.6	1	15.6
				15.6
				415.2