

INDEX OF SHEETS

03-08-13 LETTING ITEM 042

ENGINEERING PLANS FOR

LINCOLN PARK HISTORIC DISTRICT SHARED USE PATH

ALONG LOGAN AVE, ENGLISH ST & JACKSON ST
SECTION 06-00224-00-BT

CITY OF DANVILLE
VERMILION COUNTY, IL

PROJECT NO: TE-00D5(100)
JOB NO: C-95-331-12
FUNDING: ITEP & LOCAL

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LOCATION OF SECTION INDICATED THUS: —

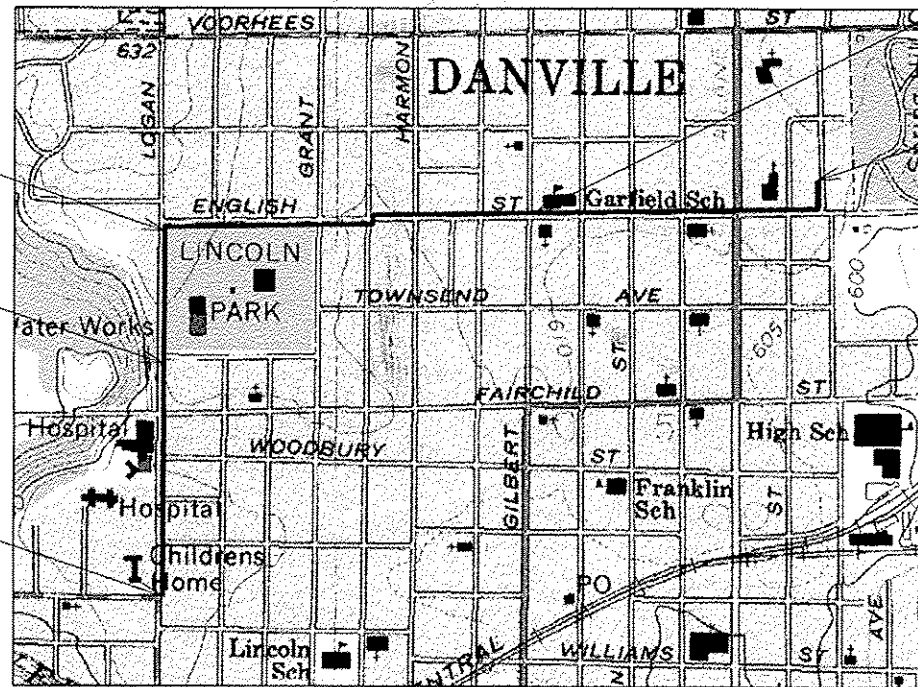
STA EQUATION
STA 153 + 29.41 =
STA 153 + 29.00

PROJECT ENDS
STA 177 + 33.82

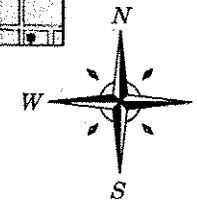
STA EQUATION:
STA 126 + 00.00 =
STA 126 + 01.71

STA EQUATION:
STA 116 + 60.97 =
STA 116 + 60.67

PROJECT BEGINS
STA 100 + 00.00



LOCATION MAP



TOTAL LENGTH OF PROJECT = 7732.11 FEET = 1.46 MILES

ENGINEERING PLAN SUBMITTAL	
THESE ENGINEERING PLANS AND SUPPORTING DOCUMENTS ARE ISSUED FOR THE FOLLOWING PURPOSE ONLY	
<input type="checkbox"/>	PRELIMINARY PLAN REVIEW NO. 1
<input type="checkbox"/>	PRE-FINAL PLAN REVIEW NO. 1
<input type="checkbox"/>	FINAL PLAN REVIEW NO. 1
<input type="checkbox"/>	PERMIT APPLICATION
<input type="checkbox"/>	BIDDING
<input checked="" type="checkbox"/>	CONSTRUCTION

DATE: 10-31-2012

CITY OF DANVILLE PUBLIC WORKS DEPARTMENT	
APPROVED	<i>October 31 2012</i> <i>F. David Schulte</i> CITY ENGINEER
PASSED	<i>October 31 2012</i> <i>Scott A. Jolly</i> DISTRICT FIVE ENGINEER OF LOCAL ROADS & STREETS
Releasing For Bid Based on Limited Review	<i>Oct. 31 2012</i> <i>J. Clark</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

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David L. Clark 10/30/12
Date
License Expires 11-30-2013



Know what's below.
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CONTRACT NO. 91476

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(312) 748-1800
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EXCEPT FOR THIS SPECIFIC PROJECT WITHOUT THE WRITTEN CONSENT OF ESI CONSULTANTS, LTD.

DRAWING NO.
01
OF 40

TOTAL + 3 = 43

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2013", THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX OF SHEETS SHALL BE USED IN CONSTRUCTION OF THIS SECTION.
3. ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.
4. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND/OR MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED, OR REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
5. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH ALL UTILITIES WITHIN THE PROJECT LIMITS. THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE CONTRACTOR IS REQUIRED TO CONTACT J.U.L.I.E. AT, 1-800-892-0123, PRIOR TO PROCEEDING WITH ANY EXCAVATION AND WORK ON THE PROJECT.
6. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER AND IN ACCORDANCE WITH THE GUIDELINES SET FORTH IN THESE PLANS. THIS WORK WILL NOT BE PAID SEPARATELY, BUT BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
7. SHRUBS, BUSHES, AND STUMPS THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. COST OF REMOVAL OF SHRUBS, BUSHES, OR STUMPS SHALL BE INCLUDED IN THE CONTRACT WITH NO ADDITIONAL COMPENSATION ALLOWED.
8. CONTRACTOR SHALL OBTAIN A PERMIT PRIOR TO BEGINNING WORK AND SHALL PROVIDE PERFORMANCE BONDS ACCORDING TO SECTION 100 OF THE CITY ORDINANCES.
9. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER'S OFFICE FOR AN INSPECTION OF CONCRETE FORMS 48 HOURS PRIOR TO POURING CONCRETE.
10. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER'S OFFICE FOR FINAL INSPECTION UPON COMPLETION.
11. ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
12. ALL REMOVAL LIMITS SHALL BE SAW CUT.
13. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1 1/2" UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
14. CLASS SI CONCRETE TO BE USED FOR ALL CONCRETE.
15. ALL SIDEWALKS THAT CROSS DRIVEWAY PAVEMENT WILL BE PLACED WITH A THICKNESS OF 6" AND PAID FOR AS PCC DRIVEWAY PAVEMENT.
16. ALL STEPS SHALL HAVE ONE HANDRAIL, ON RIGHT SIDE (WHEN DESCENDING), WHEN THERE ARE TWO TO THREE STEPS AND TWO HANDRAILS, ONE ON EACH SIDE, WHEN THERE ARE 4 OR MORE STEPS.
17. CONCRETE CURB AND GUTTER SHALL BE SAWED AT A MAXIMUM OF 15 FOOT SPACING. ALL SAWED JOINTS SHALL BE FILLED WITH NP 1 SEALER, OR AN APPROVED EQUAL.
18. SHARED USE PATH SHALL BE SAWED AT A MAXIMUM OF 10 FOOT SPACING.
19. WHERE THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER JOINS THE EXISTING CURB AND GUTTER THERE MAY BE A TRANSITION. TRANSITION CURB HEIGHT OVER 2' TO MATCH EXISTING CURB HEIGHT. THIS WORK WILL BE CONSIDERED INCLUDED WITH THE COMBINATION CONCRETE CURB AND GUTTER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
20. WHEN MATCHING INTO EXISTING SIDEWALK, GO TO NEAREST JOINT, OR AS DIRECTED BY ENGINEER.
21. THE PAVEMENT PATCHING SURFACE COURSE REQUIRED TO MATCH EXISTING PAVEMENT SHALL BE INCLUDED WITH THE PAY ITEM PCC BASE COURSE 8" AS SHOWN IN THE PLANS.
22. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER AND SEEDED AS SOON AS POSSIBLE.
23. THE AREA TO BE SEEDED SHALL CONSIST OF ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.
24. MAXIMUM DROP IN ELEVATION WITHIN TEN FEET OF BUILDING FOUNDATION IS SIX INCHES, UNLESS APPROVED BY THE CITY OF DANVILLE.
25. FENCE REMOVAL, WHEN CALLED FOR IN THE PLANS, SHALL BE REMOVED TO LIMITS OF THE TEMPORARY EASEMENT.

GENERAL NOTES CONTINUED

26. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES...

BITUMINOUS MATERIALS (PRIME COAT)	- 0.1 GAL/SQ YD (ON PAVEMENT)
HOT-MIX ASPHALT SURFACE / BINDER	- 0.096 TONS/SQ YD/IN
AGGREGATE SURFACE COURSE, TYPE B	- 2.05 TON/CU YD
MULCH METHOD	- 2.0 TON/ACRE
NITROGEN FERTILIZER NUTRIENT	- 90 LB/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	- 90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	- 90 LB/ACRE

27. SURFACE MIX SHALL BE 1 1/2" IN NOMINAL THICKNESS.

MIXTURE USE	SURFACE
AC/PG	PG 64-22
RAP % (MAX)	15
DESIGN AIR VOIDS	4.0% @ Ndes = 50
MIX COMPOSITION	IL 9.5
FRICITION AGGREGATE	MIX C

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420111-03	PCC PAVEMENT ROUNDOUTS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-01	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-01	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSING
602301-03	INLET TYPE A
602401-03	MANHOLE TYPE A
604006-04	FRAME AND GRATE, TYPE 3
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
606201-02	TYPE B GUTTER
606206-03	OUTLET, TYPE 1 FOR TYPE B GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE, MULTILANE CROSSWALK OR SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKINGS
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-02	PEDESTRIAN PUSH BUTTON POST
877001-05	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

LEGEND

REFER TO STANDARD 000001-06 FOR STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
 ITEMS NOT LISTED IN STANDARD INCLUDE THE FOLLOWING:
 ✕ REMOVAL ITEM

PRINTED DATE: 10/30/2012
 P:\Projects\2012\10-30-2012\Lincoln Park Shared Use Path.dwg
 User: j12-163 Date: 10/30/2012 Time: 1:12:11 PM
 ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #194-003688

ESI CONSULTANTS, LTD 753 WINDSOR ROAD CHARLESTON, IL 61820 (217) 348-1600 WWW.ESI-CONSULTANTS.COM ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #194-003688	CITY OF DANVILLE 1155 E. VOORHEES STREET SUITE A DANVILLE, IL 61832	NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS
SECTION NO. 06-00224-00-BT		ENGR: ADG		LINCOLN PARK HISTORIC DIST SHARED USE PATH CITY OF DANVILLE, VERMILION COUNTY		GENERAL NOTES & HIGHWAY STANDARDS	
ESI PROJECT NO: 07-183-074-01		DRAWN BY: ADG					
DATE: 10-31-2012		CQA: DLCPAT				OF 40	

SUMMARY OF QUANTITIES

SP	PAY CODE	ITEM	UNITS	80% I/TEP 20% LOCAL QUANTITY	NON-I/TEP 100% LOCAL QUANTITY	TOTAL QUANTITY
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	122		122
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	256		256
	20101200	TREE ROOT PRUNING	EACH	18		18
	20400800	FURNISHED EXCAVATION	CU YD	120		120
	21101665	TOPSOIL FURNISH AND PLACE, 18"	SQ YD		289	289
*	25000100	SEEDING, CLASS 1	ACRE	1.5		1.5
	25100115	MULCH, METHOD 2	ACRE	1.5		1.5
	28000500	INLET AND PIPE PROTECTION	EACH	46		46
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1952		1952
*	35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	377		377
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	77		77
	40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON		248	248
	40600990	TEMPORARY RAMP	SQ YD	668		668
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON		209	209
*	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1280		1280
*	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	68792		68792
*	42400800	DETECTABLE WARNINGS	SQ FT	1178		1178
*	44000100	PAVEMENT REMOVAL	SQ YD	2955	500	3455
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	962		962
	44000300	CURB REMOVAL	FOOT	3254		3254
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	146		146
*	44000600	SIDEWALK REMOVAL	SQ FT	39651		39651
	50801760	PIPE HANDRAIL	FOOT	28		28
	550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	798		798
*	56109210	WATER VALVES TO BE ADJUSTED	EACH	23		23
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		3
	60236700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	40		40
	60255500	MANHOLES TO BE ADJUSTED	EACH	2		2
	60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	6		6
	60500060	REMOVING INLETS	EACH	31		31
*	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EX PAV)	FOOT	600	1143	1743
*	60605100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EX PAV.)	FOOT	3815		3815
	87100100	MOBILIZATION	L SUM	1		1

* DENOTES SPECIAL PROVISION

SUMMARY OF QUANTITIES

SP	PAY CODE	ITEM	UNITS	80% I/TEP 20% LOCAL QUANTITY	NON-I/TEP 100% LOCAL QUANTITY	TOTAL QUANTITY
	72000100	SIGN PANEL - TYPE 1	SQ FT	8.0		8
Δ	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	360		360
Δ	78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	1264	341	1605
Δ	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	1233	44	1277
Δ	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	192		192
*	78300100	PAVEMENT MARKING REMOVAL	SQ FT	496	142	638
Δ	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	20		20
Δ	* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT		951	951
Δ	* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT		92	92
Δ	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	185		185
Δ	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	310		310
Δ	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1		1
Δ	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4		4
Δ	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	15		15
Δ	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6		6
Δ	88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1		1
Δ	* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	2		2
Δ	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1		1
Δ	* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
Δ	* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2		2
*	X0322983	STONE CURB	FOOT	63		63
*	X0326522	PRECAST MODULAR RETAINING WALL	FOOT	272		272
*	X2020105	GRADING AND SHAPING BIKEWAY	UNIT	77		77
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD		2480	2480
*	X5510100	STORM SEWER REMOVAL	FOOT	372		372
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1
*	XX000300	CONCRETE STEPS	SQ FT	47		47
*	XX005283	BRICK PAVER CROSSWALK	SQ FT	2036		2036
*	XZ127900	RETAINING WALL REMOVAL	FOOT	266		266
*	Z0001110	GAS VALVE TO BE ADJUSTED	EACH	6		6
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1
*	Z0022800	FENCE REMOVAL	FOOT	393		393

* DENOTES SPECIAL PROVISION

Δ SPECIALTY ITEMS

PRINTED DATE: 1/17/2012
 PROJECT: LINCOLN PARK HISTORIC DIST SHARED USE PATH
 DRAWING NO.: 03 OF 40
 ESI CONSULTANTS, LTD. 753 WINDSOR ROAD, CHARLESTON, IL 61820
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NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

TREE REMOVAL

STATION	OFFSET	SIDE	20100110 TREE REM (6-15 UNITS) (UNIT)	20100210 TREE REM (OVER 15 UNITS) (UNIT)
105+11.5	10.7'	RT		24
107+78.2	8.3'	RT	12	
109+89.1	6.0'	RT	12	
110+08.0	6.5'	RT		24
111+70.7	7.4'	LT	6	
113+77.9	6.6'	LT	12	
114+24.0	7.0'	LT	12	
114+50.7	6.6'	LT	12	
114+73.5	6.8'	LT	12	
143+57.1	9.7'	LT	12	
147+34.8	5.0'	LT	12	
155+74.9	9.1'	LT		36
164+40.0	10'	LT	12	
169+51.9	16.7'	LT		36
172+75.1	3.2'	LT		24
174+01.4	7.5'	LT		24
174+83.3	20.8'	LT		24
174+83.3	36.5'	LT	8	
174+83.3	49.9'	LT		28
176+27.9	11.3'	LT		36
TOTAL			122	256

DRIVEWAY

STATION	TYPE	44000200 DRV PVMT REMOVAL (SQ YD)	WIDTH AT BACK (FT)	LENGTH (FT)	42300200 PCC DRIVE, 6" (SQ YD)	40201000 AGG FOR TEMP ACCESS (TON)
100+63.5	CE	57.8	25.0	18.0	62.4	2.6
102+13.5	CE	53.4	25.0	18.0	62.4	2.6
103+19.0	CE	35.6	15.0	18.0	42.5	2.0
105+31.5	CE	33.7	15.0	18.0	42.5	2.0
108+14.6	CE	39.8	15.0	23.5	50.6	2.0
111+33.9	CE	37.1	15.0	18.0	42.5	2.0
115+14.3	CE	31.6	12.0	18.0	36.5	1.9
128+18.0	PE	68.3	24.0	19.0	54.8	0.0
133+43.8	CE	88.2	30.0	25.9	50.3	2.9
138+77.2	PE	18.4	12.0	16.0	27.6	1.9
142+48.7	PE	27.9	15.0	16.0	32.5	2.0
142+67.8	PE	21.0	12.0	16.0	27.2	1.9
143+29.9	PE	14.1	12.0	16.0	27.6	12.0
145+96.9	PE	8.9	12.0	15.5	27.4	1.9
146+45.7	PE	5.3	10.0	15.5	24.0	1.8
148+02.0	PE	8.6	12.0	15.5	27.4	1.9
150+63.0	PE	12.7	8.0	17.4	24.8	1.6
150+87.4	PE	9.2	12.0	17.9	33.3	1.9
151+61.8	PE	16.4	10.0	17.4	28.6	1.8
156+99.1	PE	16.5	9.0	16.0	20.1	1.7
158+27.9	PE	17.4	12.0	16.0	27.6	1.9
159+16.0	PE	30.1	20.0	16.0	41.8	2.3
161+28.8	PE	19.2	12.0	16.0	27.6	1.9
161+89.7	PE	25.9	12.0	16.0	26.5	1.9
162+07.5	CE	26.3	18.0	16.0	41.1	2.2
164+93.3	CE	47.1	25.0	16.0	57.6	2.6
165+59.9	CE	18.3	13.0	16.0	37.0	1.9
166+07.3	CE	24.3	21.0	16.0	52.4	2.4
170+68.0	CE	15.5	24.0	16.0	56.9	2.6
171+33.2	CE	41.5	20.0	16.0	49.8	2.3
172+32.4	PE	21.2	10.0	16.0	24.0	1.8
174+92.0	PE	20.2	12.0	16.0	35.6	1.9
176+01.1	PE	50.0	24.0	16.0	56.9	2.6
TOTAL		962.0			1280.0	77.0

CURB

STREET TO STREET	44000100 PAVEMENT REMOVAL (SQ YD)	44000300 CURB REMOVAL (FOOT)	44000500 CC&G REMOVAL (FOOT)
WILLIAM ST TO CLAY ST	34.5	107.1	
CLAY ST TO NEW ST	20.2	94.2	
NEW ST TO WOODBURY	21.5	69.0	4.1
WOODBURY TO FAIRCHILD ST	81.2	190.7	
FAIRCHILD ST TO LINCOLN PARK	172.2	326.9	
LINCOLN PARK TO ENGLISH ST	16.0	34.0	
LOGAN AVE TO GRANT ST	6.0	112.4	
GRANT ST TO CHANDLER ST	113.2	151.4	
CHANDLER ST TO HARMON ST	219.6	339.3	
HARMON ST TO ROBINSON ST	381.0	505.6	
ROBINSON ST TO GILBERT ST	488.4	355.9	26.0
GILBERT ST TO OAK ST	197.6	243.9	4.0
OAK ST TO FRANKLIN ST	122.9	171.5	
FRANKLIN ST TO WALNUT ST	33.0	74.8	
WALNUT ST TO VERMILLION	42.5	116.9	55.0
VERMILION TO JACKSON ST	112.8	359.8	56.3
TOTAL	*2063	3254	146

CURB PAY LIMITS ARE BASED UPON DETAIL SHEETS UNLESS SHOWN OTHERWISE ON PLANS.
* SEE PAVEMENT REMOVAL SCHEDULE

SIDEWALK

STREET TO STREET	44000600 SIDEWALK REMOVAL (SQ FT)	42400200 PCC SIDEWALK, 5" (SQ FT)	42400800 DETECTABLE WARNINGS (SQ FT)
WILLIAM ST TO CLAY ST	1448.0	2782.2	21.8
CLAY ST TO NEW ST	1253.2	2630.6	63.6
NEW ST TO WOODBURY	1463.2	2502.0	83.6
WOODBURY TO FAIRCHILD ST	2064.3	3097.7	64.5
FAIRCHILD ST TO LINCOLN PARK	1745.0	3310.9	54.5
LINCOLN PARK TO SHERMAN ST	11387.2	16073.5	63.8
SHERMAN ST TO GRANT ST	2088.7	3355.5	65.7
GRANT ST TO CHANDLER ST	1585.6	3237.7	88.4
CHANDLER ST TO HARMON ST	1434.0	3255.8	129.7
HARMON ST TO ROBINSON ST	1792.7	4381.9	65.1
ROBINSON ST TO GILBERT ST	1641.6	3134.9	70.2
GILBERT ST TO OAK ST	2253.2	3964.4	83.3
OAK ST TO FRANKLIN ST	1651.0	3215.2	68.4
FRANKLIN ST TO WALNUT ST	1583.3	2845.6	67.4
WALNUT ST TO VERMILLION	1575.1	2626.2	64.3
VERMILION TO JACKSON ST	4684.0	8377.8	123.7
TOTAL	39651	68792	1178

SIGNING

STATION	OFFSET	SIDE	72000100 SIGN PANEL TYPE, 1 (SQ FT)
125+48.0	8.8'	RT	1.2
127+00.5	8.0'	LT	1.2
140+19.9	8.8'	RT	1.2
142+60.2	8.8'	LT	1.2
172+96.0	9.1'	LT	1.2
174+20.0	8.8'	LT	1.2
TOTAL			8

ROOT PRUNING

STATION	SIDE	TREE SIZE	20101200 TREE ROOT PRUNING (EACH)
107+52.9	RT	12"	2
	RT	36"	2
	RT	36"	2
	RT	36"	2
142+23.8	LT	36"	2
142+35.6	LT	24"	2
142+39.9	LT	24"	2
176+27.9	LT	36"	2
177+17.3	LT	12"	2
TOTAL			18

PAVEMENT PATCHING

INTERSECTION OF	44000100 PAVEMENT REMOVAL (SQ YD)	35300300 PCC BASE COURSE 8" (SQ YD)
CLAY ST AND LOGAN AVE	0.0	3.1
FAIRCHILD ST AND LOGAN AVE	46.3	46.3
LINCOLN PARK AND LOGAN AVE	14.7	14.7
ENGLISH ST AND LOGAN AVE	0.6	0.6
GRANT ST AND ENGLISH ST	8.7	12.5
CHANDLER ST AND ENGLISH ST	74.1	74.1
HARMON ST AND ENGLISH ST	30.3	33.1
ROBINSON ST AND ENGLISH ST	51.9	51.9
GILBERT ST AND ENGLISH ST	30.8	30.8
OAK ST AND ENGLISH ST	60.2	60.2
FRANKLIN ST AND ENGLISH ST	12.4	12.4
WALNUT ST AND ENGLISH ST	37.3	37.3
TOTAL	*368	377

* SEE PAVEMENT REMOVAL SCHEDULE

PAVEMENT REMOVAL

STATION	TO	STATION	SIDE	44000100 PAVEMENT REMOVAL (SQ YD)
PARKING LOT REMOVAL				
102+90.9	-	103+11.5	RT	9.4
103+26.5	-	103+43.9	RT	7.8
105+39.0	-	106+60.0	RT	54.3
108+29.0	-	109+07.3	RT	44.4
111+41.4	-	111+45.4	RT	1.3
111+51.8	-	112+90.0	RT	110.1
161+98.5	-	162+38.8	LT	22.8
165+06.4	-	168+20.7	LT	64.2
170+35.7	-	171+22.5	LT/RT	106.4
REMOVAL FOR CROSSWALK 103.0				
REMOVAL FOR PATCHING 368.0				
REMOVAL FOR CURB 2063.0				
REMOVAL FOR ISLANDS 500.0				
TOTAL				3455

HMA MILL AND REPLACEMENT

INTERSECTION OF	X4401198 HMA SURF REM VAR DEPTH (SQ YD)	40300100 PRIME COAT (GAL)	40600990 TEMP RAMP (SQ YD)	40603310 HMA SURF COURSE (TON)
CLAY ST AND LOGAN AVE	75.3	7.5	46.8	6.3
NEW ST AND LOGAN AVE	75.1	7.5	45.6	6.3
WOODBURY AND LOGAN AVE	78.9	7.9	48.5	6.6
FAIRCHILD ST AND LOGAN AVE	115.8	11.6	61.4	9.7
LINCOLN PARK AND LOGAN AVE	75.8	7.6	47.1	6.4
CHANDLER ST AND ENGLISH ST	143.7	14.4	60.3	12.1
HARMON ST AND ENGLISH ST	521.0	52.1	57.1	43.8
ROBINSON ST AND ENGLISH ST	80.6	8.1	47.2	6.8
GILBERT ST AND ENGLISH ST	578.6	57.9	90.5	48.6
OAK ST AND ENGLISH ST	608.7	60.9	69.6	51.1
FRANKLIN ST AND ENGLISH ST	54.2	5.4	47.8	4.6
WALNUT ST AND ENGLISH ST	72.2	7.2	45.4	6.1
TOTAL	2480	248	668	209

ITEM PAY LIMITS ARE BASED UPON PROPOSED CURB UNLESS SHOWN OTHERWISE ON PLANS.
TEMPORARY RAMPS ARE BASED ON 1.5" AND A TAPER RATE OF 1:40
HOT-MIX ASPHALT SURFACE COURSE IS BASED ON 1.5" NOMINAL DEPTH

DRAWN DATE: 10/30/2012
 PROJECT NO: 07-163-074-01
 CITY OF DANVILLE, ILLINOIS
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CITY OF DANVILLE
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 DANVILLE, IL 61832

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 08-00224-00-BT	ENGR: ADG
ESI PROJECT NO: 07-163-074-01	DRAWN BY: ADG
DATE: 10-31-2012	QC/QA: DLG/PAT

**LINCOLN PARK HISTORIC
 DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY**

SCHEDULE OF QUANTITIES

DRAWING NO.
04
 SHEET 1 OF 3 OF 40

INLET AND MANHOLE

STATION	OFFSET	SIDE	RELOCATE FROM			60500060	60260500	60235700	60255500	60218400	28000500
			STATION	OFFSET	SIDE	REMOVING INLETS (EACH)	INLETS TBA T3, F&G (EACH)	INLET TYPE A (EACH)	MANHOLE ADJUST (EACH)	MANHOLE TYPE A, CL (EACH)	INLET PROTECTION (EACH)
103+52.8	7.7'	LT	103+53.0	10.4'	LT	1		1		1	
103+59.2	8.8'	RT					1			1	
103+89.7	9.4'	RT					1			1	
106+52.9	9.8'	LT					1			1	
109+32.3	9.9'	LT	109+33.5	9.9'	LT	1		1		1	
112+77.0	10.3'	LT	112+84.2	4.9'	LT	1		1		1	
112+96.2	11.3'	RT					1			1	
113+36.9	11.1'	RT	113+38.8	4.0'	RT	1		1		1	
113+51.9	10.2'	LT	113+50.5	5.4'	LT	1		1		1	
116+76.5	6.7'	RT	116+76.0	3.2'	RT	1		1		1	
117+12.1	6.6'	LT					1			1	
133+23.8	7.9'	LT	133+23.8	7.6'	LT	1		1		1	
136+92.9	6.7'	LT	136+92.3	7.1'	LT	1		1		1	
137+24.0	6.7'	LT	137+24.3	3.2'	RT	1		1		1	
139+87.4	7.9'	LT						1		1	
139+88.5	49.4'	LT						1		1	
140+31.5	45.2'	LT	140+31.2	48.8'	LT	1		1		1	
140+37.2	6.7'	RT	140+34.7	11.4'	RT	1		1		1	
140+63.9	6.7'	RT	140+66.0	11.0'	RT	1		1		1	
140+75.8	8.0'	LT	140+88.7	6.8'	RT	1		1		1	
141+25.0	12.3'	LT	141+29.3	4.1'	RT	1		1		1	
141+33.9	33.8'	LT	141+30.9	24.5'	LT	1		1		1	
142+76.4	8.0'	RT	142+77.5	6.8'	RT	1		1		1	
144+24.0	6.5'	LT	144+21.7	7.7'	LT	1		1		1	
144+50.9	6.7'	LT	144+54.1	0.4'	LT	1		1		1	
145+00.5	16.6'	RT							1		
144+63.7	40.4'	RT	144+61.1	36.6'	RT	1		1		1	
145+00.5	7.5'	RT						1		1	
149+00.8	10.1'	LT	148+94.8	1.1'	LT	1		1		1	
149+29.0	10.0'	RT	149+35.8	0.7'	LT	1		1		1	
152+39.8	6.4'	RT	152+39.5	1.2'	LT	1		1		1	
152+44.9	36.0'	LT						1		1	
152+50.0	10.5'	LT						1		1	
152+84.9	6.3'	RT	152+80.2	3.3'	RT	1		1		1	
155+74.9	49.1'	RT						1		1	
155+76.3	8.0'	RT						1		1	

(CONTINUED)

INLET AND MANHOLE (CONTINUED)

STATION	OFFSET	SIDE	RELOCATE FROM			60500060	60260500	60235700	60255500	60218400	28000500
			STATION	OFFSET	SIDE	REMOVING INLETS (EACH)	INLETS TBA T3, F&G (EACH)	INLET TYPE A (EACH)	MANHOLE ADJUST (EACH)	MANHOLE TYPE A, CL (EACH)	INLET PROTECTION (EACH)
156+17.8	5.8'	RT	156+19.0	0.9'	LT	1		1		1	
156+18.2	45.6'	RT	156+09.1	45.8'	RT	1		1		1	
156+18.3	27.2'	RT							1		
156+22.7	75.2'	RT						1		1	
156+53.2	74.2'	RT						1		1	
156+59.8	27.0'	RT							1		
156+61.3	5.8'	RT	156+59.7	1.5'	LT	1		1		1	
159+86.6	6.1'	RT	159+90.7	4.3'	RT	1		1		1	
160+24.9	6.7'	LT	160+24.9	4.8'	LT	1		1		1	
160+90.6	6.6'	LT						1			
163+46.9	6.1'	RT	163+49.5	3.6'	RT	1		1		1	
163+90.7	8.2'	RT	163+87.7	2.8'	RT	1		1		1	
165+59.3	6.0'	LT						1			
171+45.4	8.0'	RT	171+46.0	6.6'	RT	1		1		1	
173+54.8	7.9'	RT						1		1	
TOTAL						31	6	40	2	3	46

TRAFFIC SIGNALS

STATION	OFFSET	SIDE	89502385	87800100	87800400	89501150	89500100	87700210
			REMOVE CONCRETE FOUNDATION (EACH)	PCC FOUNDATION TYPE A (FOOT)	PCC FOUNDATION TYPE E, 30" (FOOT)	RELOCATE EX TRAFFIC SIGNAL POST (EACH)	RELOCATE EX SIGNAL HEAD (EACH)	STEEL MAST ASSEMBLY ARM & POLE (EACH)
167+02.5	7.8'	LT	1		15		2	1
168+04.8	6.9'	LT	1	4		1		
TOTAL			2	4	15	1	2	1

RETAINING WALL

STATION	TO	STATION	SIDE	XZ127900	X0326522
				RET WALL REMOVAL (FOOT)	PRCST MOD RET WALL (FOOT)
102+90.1	-	102+90.9	RT	11.1	
104+04.1	-	105+20.9	RT	153.4	140.0
137+40.0	-	138+30.0	RT		90.0
139+27.1	-	123+00.0	LT	101.0	
172+40.0	-	172+74.8	LT		41.8
TOTAL				266	272

TOPSOIL

STATION	TO	STATION	SIDE	21101665
				TOPSOIL F&P, 18" (SQ YD)
LOGAN AVE				
108+87.4	-	109+38.2	MEDIAN	20.8
109+39.8	-	112+74.5	MEDIAN	197.6
FAIRCHILD ST				
699+08.9	-	700+63.7	MEDIAN	70.4
TOTAL				289

STORM SEWER

INTERSECTION OF	5510100	550B0050
	REMOVAL (FOOT)	CLASS B TYPE 1, 12" (FOOT)
CLAY ST AND LOGAN AVE		2
WOODBURY AND LOGAN AVE		2
FAIRCHILD ST AND LOGAN AVE	64	110
LINCOLN PARK AND LOGAN AVE	12	13
GRANT ST AND ENGLISH ST		19
CHANDLER ST AND ENGLISH ST	91	222
HARMON ST AND ENGLISH ST	19	35
ROBINSON ST AND ENGLISH ST	51	49
GILBERT ST AND ENGLISH ST	36	72
OAK ST AND ENGLISH ST	56	225
FRANKLIN ST AND ENGLISH ST	8	13
WALNUT ST AND ENGLISH ST	35	36
TOTAL	372	798

PRINTED DATE: 11/15/2012
 DRAWN BY: J. B. BROWN
 CHECKED BY: J. B. BROWN
 DATE: 11/15/2012

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

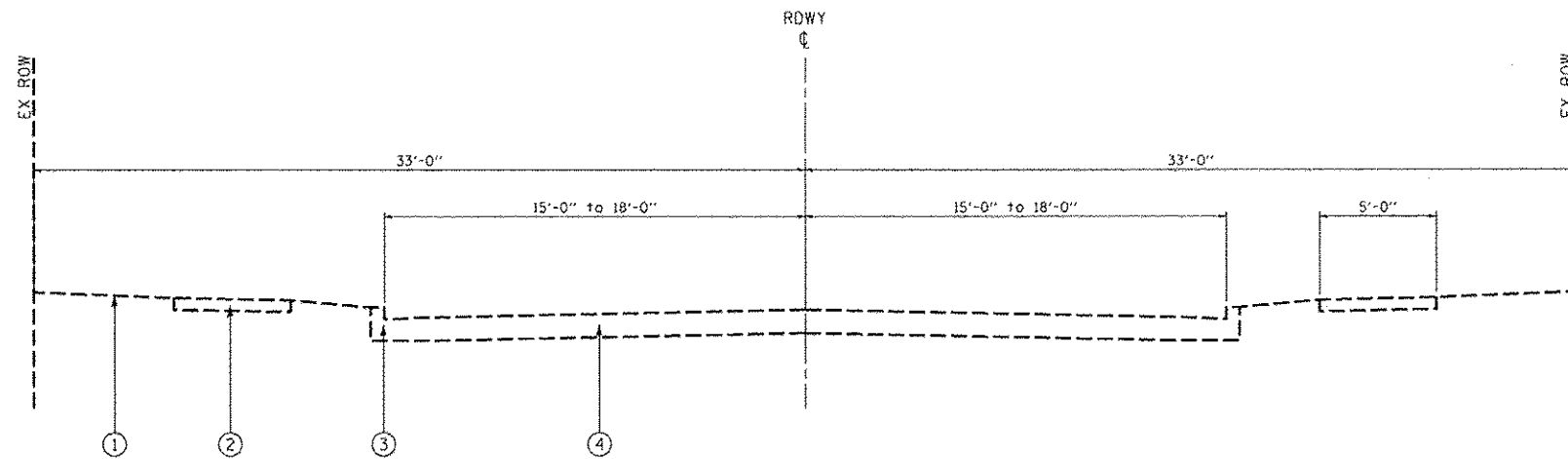
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EXISTING

- ① EARTH SURFACE
- ② SIDEWALK
- ③ CURB AND GUTTER
- ④ PAVEMENT

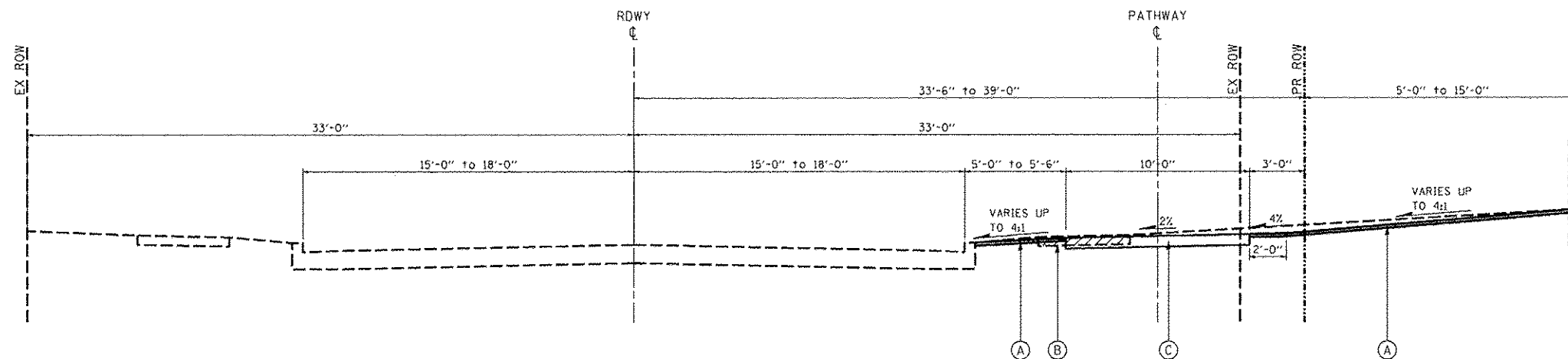
PROPOSED

- Ⓐ GRADING AND SHAPING BIKEWAY AND SEEDING, CLASS 1
- Ⓑ SIDEWALK REMOVAL
- Ⓒ PCC SIDEWALK 5"
- Ⓓ PRECAST MODULAR RETAINING WALL



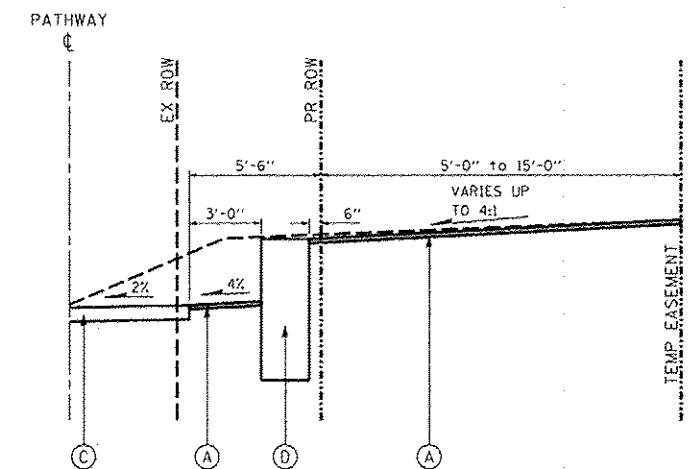
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EXISTING TYPICAL SECTION

STA 100+00.00 TO STA 116+60.97
 STATION EQUATION: STA 116+60.97 BACK = STA 116+60.67 AHEAD
 STA 116+60.97 TO STA 126+00.00
 STATION EQUATION: STA 126+00.00 BACK = STA 126+01.71 AHEAD
 STA 126+01.71 TO STA 126+22.50



NTS
PROPOSED TYPICAL SECTION

STA 100+00.00 TO STA 116+60.97
 STATION EQUATION: STA 116+60.97 BACK = STA 116+60.67 AHEAD
 STA 116+60.97 TO STA 126+00.00
 STATION EQUATION: STA 126+00.00 BACK = STA 126+01.71 AHEAD
 STA 126+01.71 TO STA 126+22.50



WITHOUT RETAINING WALL

WITH RETAINING WALL

PRINTED DATE: 10/31/2012
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CITY OF DANVILLE
 1155 E. VOORHEES STREET
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 DANVILLE, IL 61832

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT	ENGR: ADG
ESI PROJECT NO: 07-163-074-01	DRAWN BY: ADG
DATE: 10-31-2012	QC/QA: DLCPAT

**LINCOLN PARK HISTORIC
 DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY**

TYPICAL SECTIONS

SHEET 1 OF 4

DRAWING NO.
06
OF 40

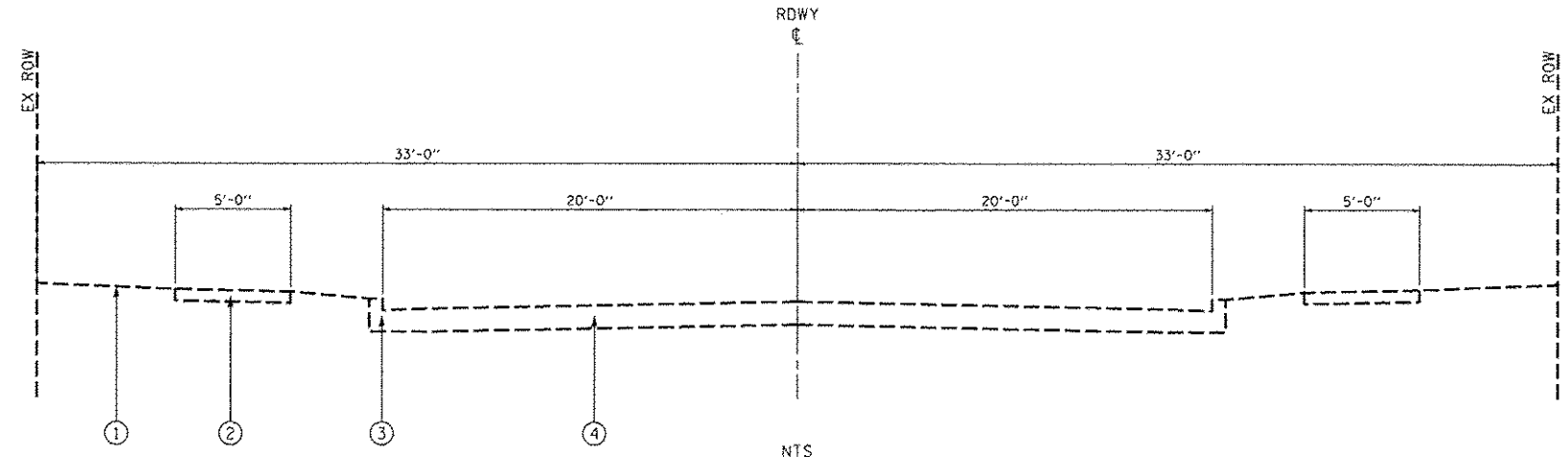
LEGEND

EXISTING

- ① EARTH SURFACE
- ② SIDEWALK
- ③ CURB AND GUTTER
- ④ PAVEMENT

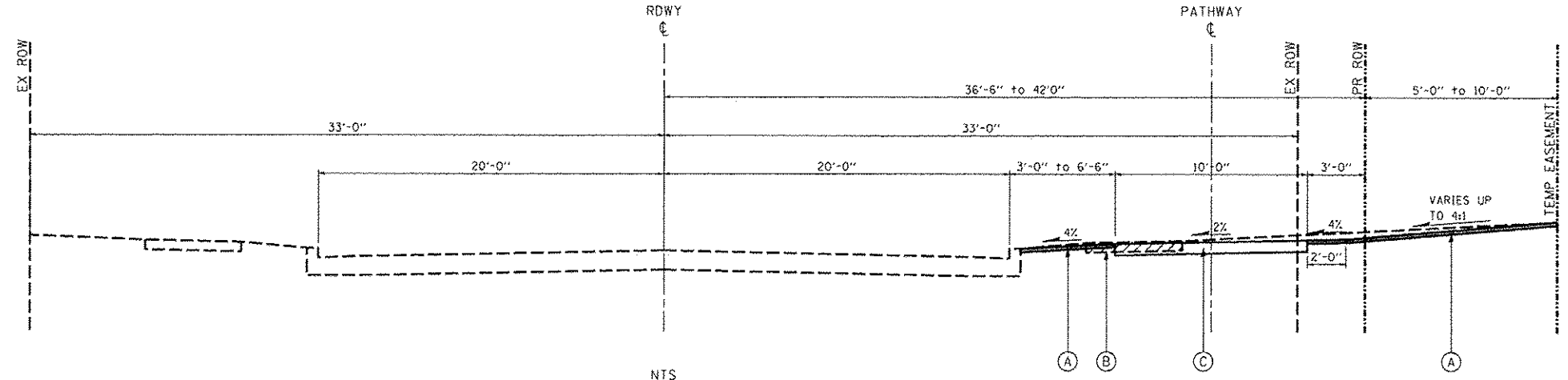
PROPOSED

- Ⓐ GRADING AND SHAPING BIKEWAY AND SEEDING, CLASS 1
- Ⓑ SIDEWALK REMOVAL
- Ⓒ PCC SIDEWALK 5"
- Ⓓ PRECAST MODULAR RETAINING WALL



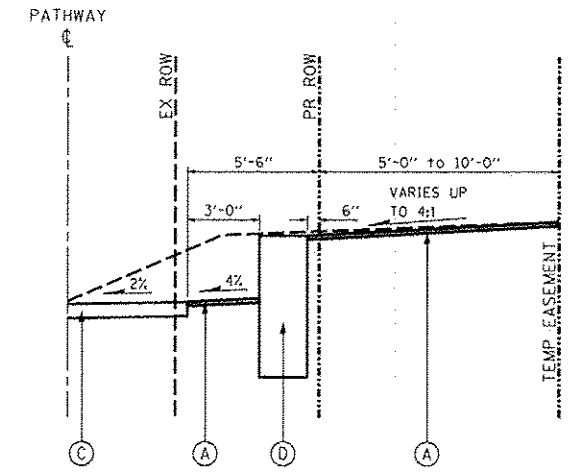
EXISTING TYPICAL SECTION

STA 126+22.50 TO STA 144+40.00
 STA 152+60.00 TO STA 153+29.41
 STATION EQUATION: STA 153+29.41 BACK TO STA 153+29.00 AHEAD
 STA 153+29.00 TO STA 173+61.81

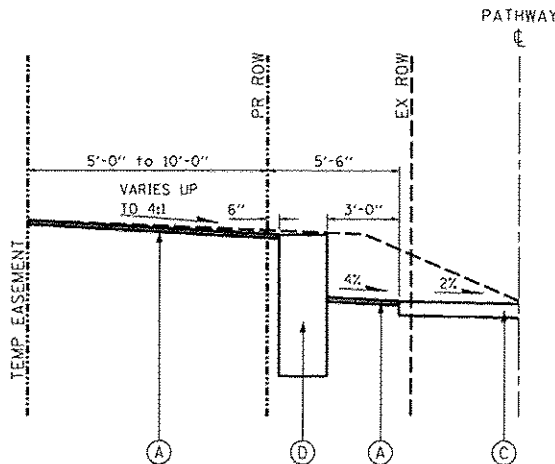


PROPOSED TYPICAL SECTION WITHOUT RETAINING WALL

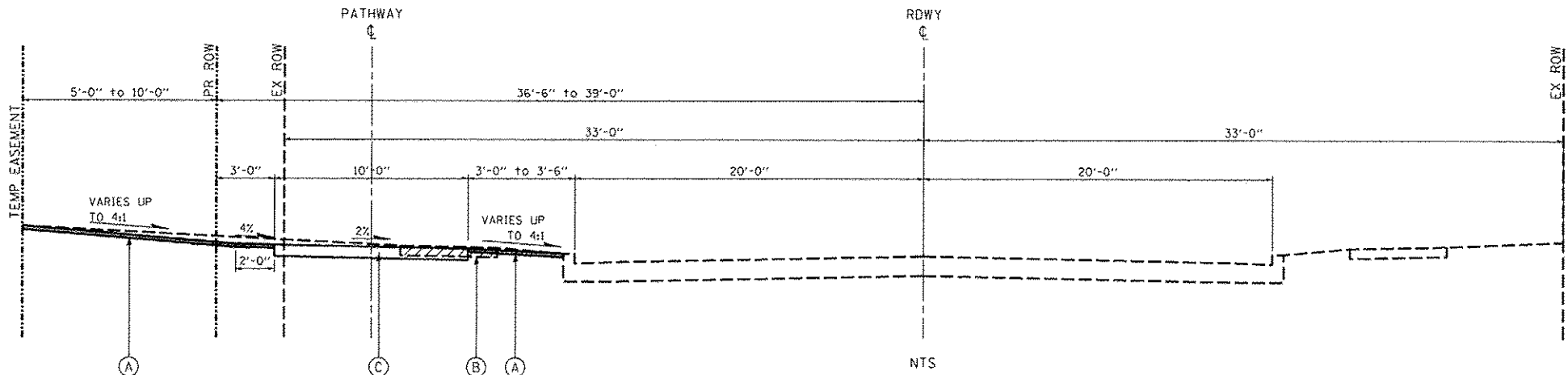
STA 126+22.50 TO STA 141+10.00



PROPOSED TYPICAL SECTION WITH RETAINING WALL



PROPOSED TYPICAL SECTION WITH RETAINING WALL



PROPOSED TYPICAL SECTION WITHOUT RETAINING WALL

PROPOSED TYPICAL SECTION

STA 126+22.50 TO STA 144+40.00
 STA 152+60.00 TO STA 153+29.41
 STATION EQUATION: STA 153+29.41 BACK TO STA 153+29.00 AHEAD
 STA 153+29.00 TO STA 173+61.81

REVISED DATE: 10/30/2012
 FILE: C:\Users\adg\Documents\Lincoln Park Shared Use Path\Lincoln Park Shared Use Path\Drawings\07 - TYPICAL SECTIONS\07 - TYPICAL SECTIONS.dwg

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CITY OF DANVILLE
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NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT ENGR: ADG
 ESI PROJECT NO: 07-163-074-01 DRAWN BY: ADG
 DATE: 10-31-2012 QC/QA: DLO/PAT

LINCOLN PARK HISTORIC DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY

TYPICAL SECTIONS

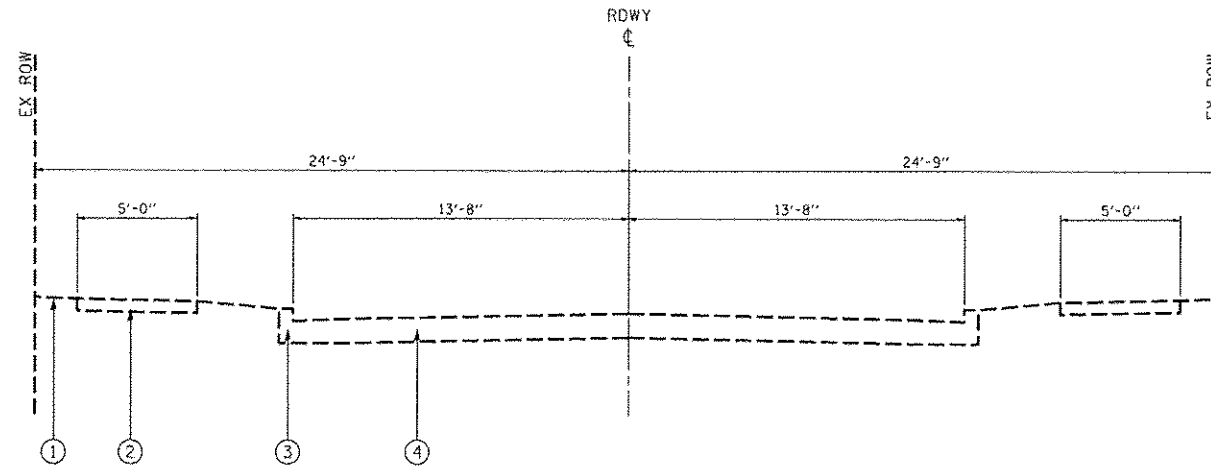
LEGEND

EXISTING

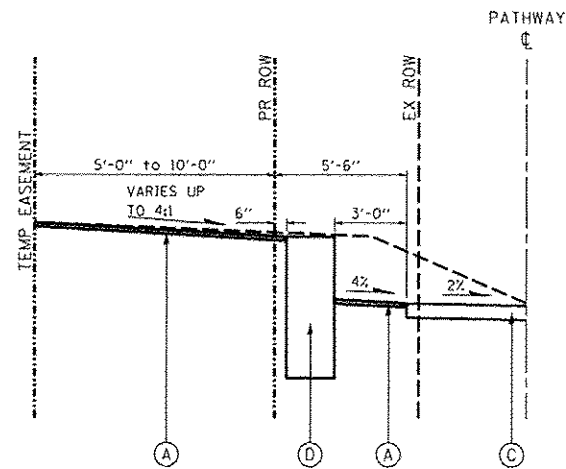
- ① EARTH SURFACE
- ② SIDEWALK
- ③ CURB AND GUTTER
- ④ PAVEMENT

PROPOSED

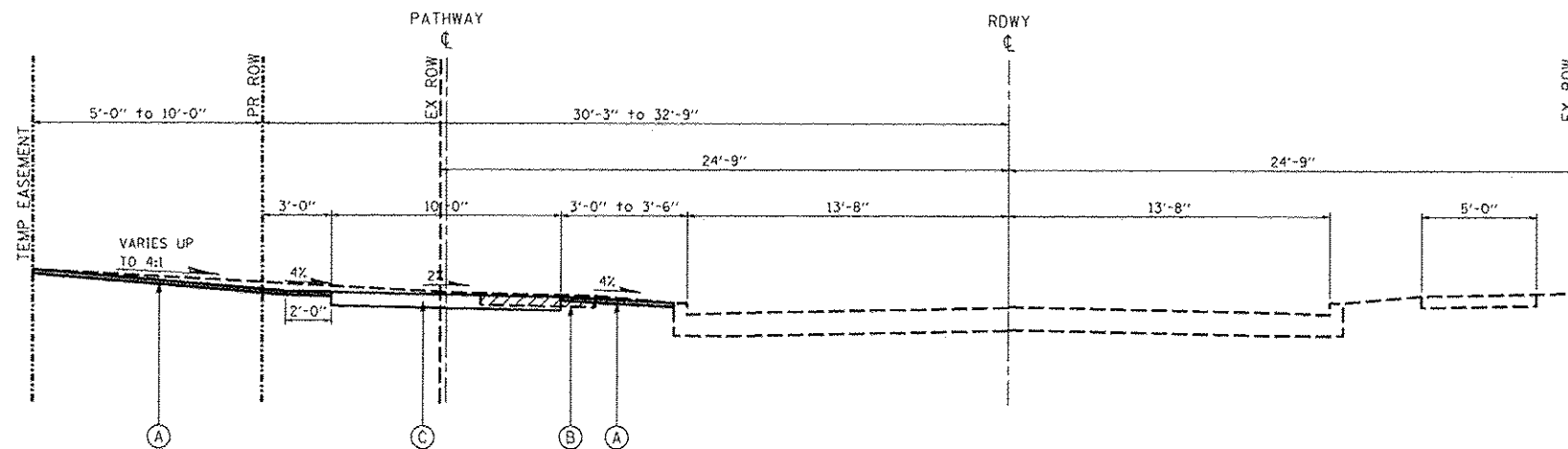
- Ⓐ GRADING AND SHAPING BIKEWAY AND SEEDING, CLASS 1
- Ⓑ SIDEWALK REMOVAL
- Ⓒ PCC SIDEWALK 5"
- Ⓓ PRECAST MODULAR RETAINING WALL



NTS
EXISTING TYPICAL SECTION
 STA. 173+61.81 TO STA. 177+33.82



WITH RETAINING WALL



WITHOUT RETAINING WALL

NTS
PROPOSED TYPICAL SECTION
 STA 173+61.81 TO STA 177+33.82

PRINTED DATE: 10/31/2012
 P:\120\ESI\Projects\Lincoln Park\Drawings\1118\Drawings\1118.dwg
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CITY OF DANVILLE
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 DANVILLE, IL 61832

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT ENGR: ADG
 ESI PROJECT NO: 07-163-074-01 DRAWN BY: ADG
 DATE: 10-31-2012 QCQA: DLG/PAT

LINCOLN PARK HISTORIC DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY

TYPICAL SECTIONS

DRAWING NO. **09**
 SHEET 4 OF 4 OF 40

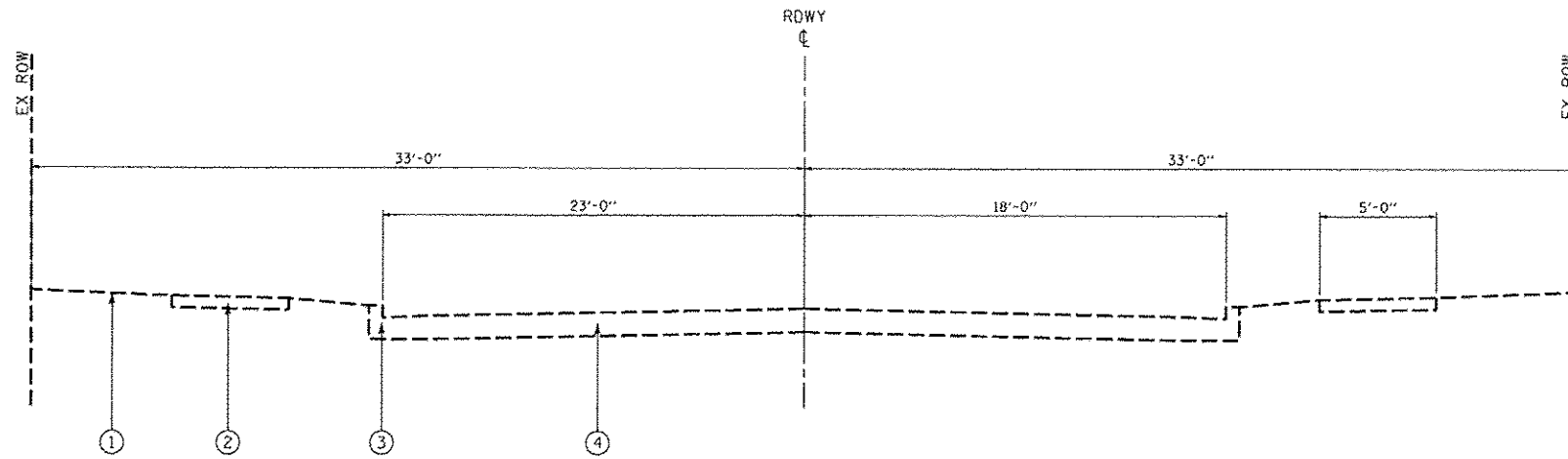
LEGEND

EXISTING

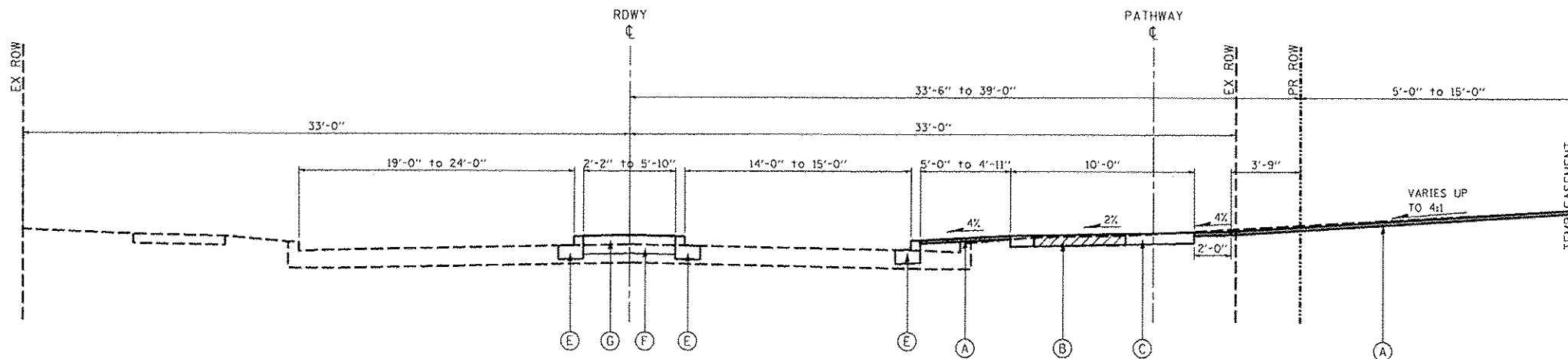
- ① EARTH SURFACE
- ② SIDEWALK
- ③ CURB AND GUTTER
- ④ PAVEMENT

PROPOSED

- Ⓐ GRADING AND SHAPING BIKEWAY AND SEEDING, CLASS 1
- Ⓑ SIDEWALK REMOVAL
- Ⓒ PCC SIDEWALK 5"
- Ⓔ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (ABUTTING EX PAV)
- Ⓕ MEDIAN (TO BE DONE BY OTHERS)
- Ⓖ TOPSOIL FURNISH AND PLACE, 18"



NTS
EXISTING TYPICAL SECTION
 STA 108+80.00 TO STA 112+81.50



NTS
PROPOSED TYPICAL SECTION
 STA 108+80.00 TO STA 112+81.50
 WITHOUT RETAINING WALL

PRINTED DATE: 10/30/2012
 P:\2012\06-09-12-13\Lincoln Park Shared Use Path Plan - Danville.dwg
 PLOT DATE: 10/30/2012 10:58:53 AM
 PLOT BY: ESI

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 CHARLESTON, IL 61920
 (217) 248-1900
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 ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003585

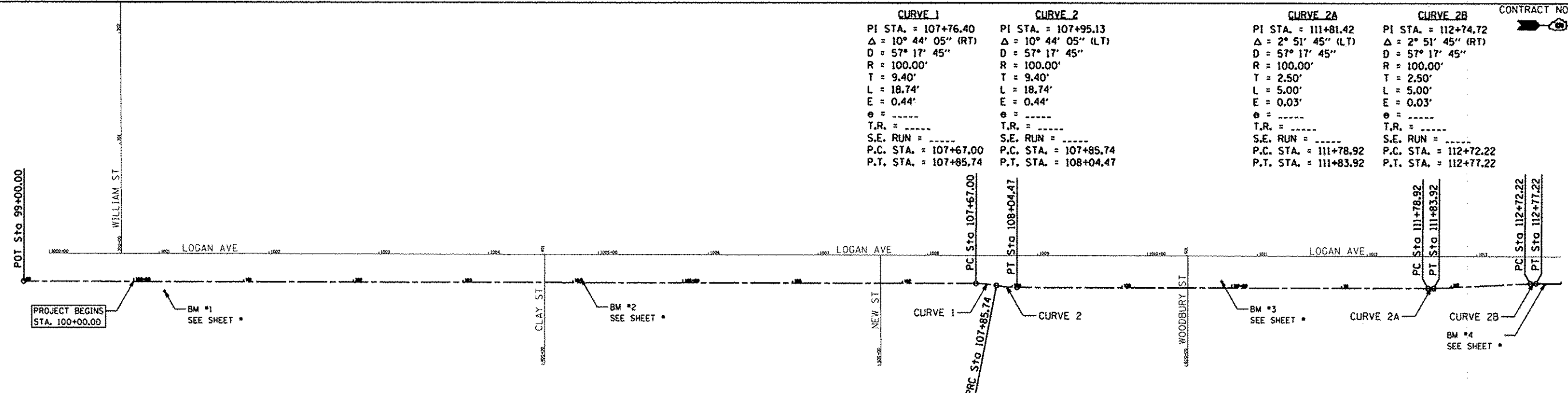
CITY OF DANVILLE
 1155 E. VOORHEES STREET
 SUITE A
 DANVILLE, IL 61832

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-09224-00-BT ENGR: ADG
 ESI PROJECT NO: 07-163-074-01 DRAWN BY: ADG
 DATE: 10-31-2012 QC/QA: DLCPAT

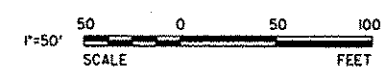
LINCOLN PARK HISTORIC DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY

TYPICAL SECTIONS



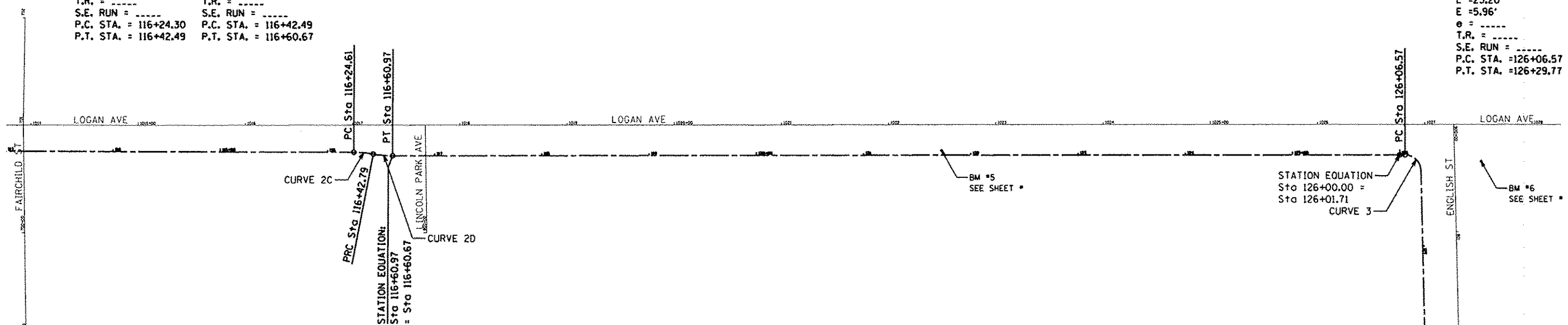
CURVE 1	CURVE 2	CURVE 2A	CURVE 2B
PI STA. = 107+76.40	PI STA. = 107+95.13	PI STA. = 111+81.42	PI STA. = 112+74.72
$\Delta = 10^\circ 44' 05''$ (RT)	$\Delta = 10^\circ 44' 05''$ (LT)	$\Delta = 2^\circ 51' 45''$ (LT)	$\Delta = 2^\circ 51' 45''$ (RT)
D = 57° 17' 45"	D = 57° 17' 45"	D = 57° 17' 45"	D = 57° 17' 45"
R = 100.00'	R = 100.00'	R = 100.00'	R = 100.00'
T = 9.40'	T = 9.40'	T = 2.50'	T = 2.50'
L = 18.74'	L = 18.74'	L = 5.00'	L = 5.00'
E = 0.44'	E = 0.44'	E = 0.03'	E = 0.03'
$\theta =$ -----	$\theta =$ -----	$\theta =$ -----	$\theta =$ -----
T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 107+67.00	P.C. STA. = 107+85.74	P.C. STA. = 111+78.92	P.C. STA. = 112+72.22
P.T. STA. = 107+85.74	P.T. STA. = 108+04.47	P.T. STA. = 111+83.92	P.T. STA. = 112+77.22

CONTROL	NORTHING	EASTING
POT STA 99+00.00	1263586.674	1176766.182
PC STA 107+67.00	1264453.644	1176758.928
PRC STA 107+85.73	1264472.284	1176760.522
PT STA 108+04.47	1264490.925	1176762.116
PC STA 111+78.92	1264865.361	1176758.984
PT STA 111+83.92	1264870.354	1176758.817
PC STA 112+72.22	1264985.510	1176753.669
PT STA 117+77.22	1264963.502	1176753.503

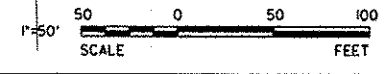


CURVE 2C	CURVE 2D
PI STA. = 116+33.40	PI STA. = 116+51.59
$\Delta = 10^\circ 25' 07''$ (RT)	$\Delta = 10^\circ 25' 07''$ (LT)
D = 57° 17' 45"	D = 57° 17' 45"
R = 100.00'	R = 100.00'
T = 9.12'	T = 9.12'
L = 18.18'	L = 18.18'
E = 0.41'	E = 0.41'
$\theta =$ -----	$\theta =$ -----
T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 116+24.30	P.C. STA. = 116+42.49
P.T. STA. = 116+42.49	P.T. STA. = 116+60.67

CURVE 3
PI STA. = 126+21.21
$\Delta = 88^\circ 37' 51''$ (RT)
D = 381° 58' 19"
R = 15.00'
T = 14.65'
L = 23.20'
E = 5.96'
$\theta =$ -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 126+06.57
P.T. STA. = 126+29.77



CONTROL	NORTHING	EASTING
PC STA 116+24.30	1265310.875	1176750.597
PRC STA 116+42.49	1265328.978	1176752.025
PT STA 116+60.67	1265347.080	1176753.453
PC STA 126+06.57	1266291.191	1176741.928



PRINTED DATE: 10/30/2012
 P:\Projects\2012\10-30-12\10-30-12-163-Danville-Historic-District-Shared-Use-Path-Alignment.dwg

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CITY OF DANVILLE
 1155 E. VOORHEES STREET
 SUITE A
 DANVILLE, IL 61832

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

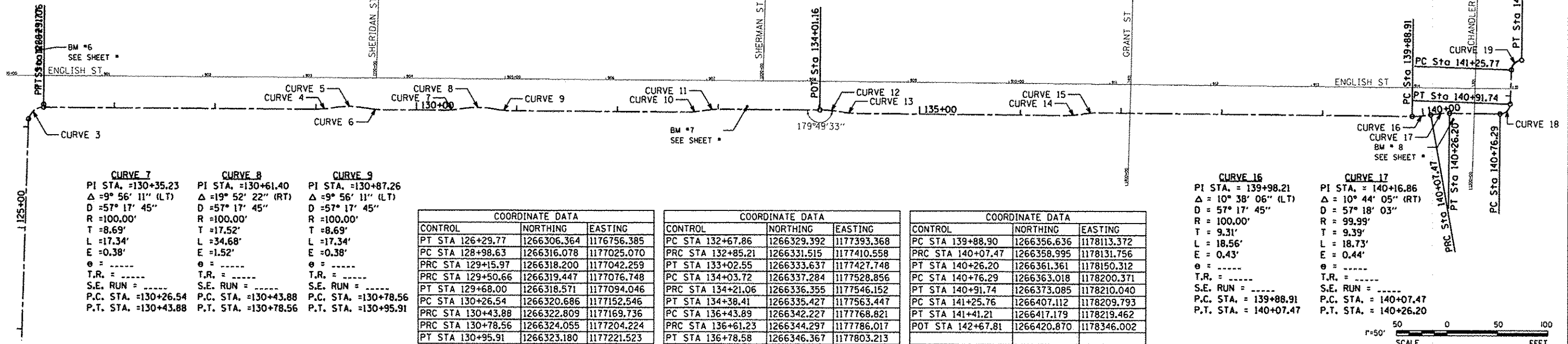
SECTION NO. 08-00224-00-BT	ENGR: ADG
ESI PROJECT NO: 07-163-074-01	DRAWN BY: ADG
DATE: 10-31-2012	DRAWN BY: JEH
	QCQA: DLCPAT

LINCOLN PARK HISTORIC DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY

ALIGNMENT
 STA 100+00 TO STA 126+50
 SHEET 1 OF 3

10
 OF 40

CURVE 3 PI STA. =126+21.21 Δ = 88° 37' 51" (RT) D = 381' 58" 19" R = 15.00' T = 14.65' L = 23.20' E = 5.96' S.E. RUN = P.C. STA. =126+06.57 P.T. STA. =126+29.77	CURVE 4 PI STA. =129+07.32 Δ = 9° 56' 11" (LT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =128+98.63 P.T. STA. =129+15.97	CURVE 5 PI STA. =129+33.49 Δ = 19° 52' 22" (RT) D = 57° 17' 45" R = 100.00' T = 17.52' L = 34.68' E = 1.52' S.E. RUN = P.C. STA. =129+15.97 P.T. STA. =129+50.66	CURVE 6 PI STA. =129+59.35 Δ = 9° 56' 11" (LT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =129+50.66 P.T. STA. =129+68.00	CURVE 10 PI STA. =132+76.56 Δ = 9° 56' 11" (LT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =132+67.86 P.T. STA. =132+85.21	CURVE 11 PI STA. =132+93.90 Δ = 9° 56' 11" (RT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =132+85.21 P.T. STA. =133+02.55	CURVE 12 PI STA. =134+12.42 Δ = 9° 56' 11" (RT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =134+03.72 P.T. STA. =134+21.06	CURVE 13 PI STA. =134+29.76 Δ = 9° 56' 11" (LT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =134+21.06 P.T. STA. =134+38.41	CURVE 14 PI STA. =136+52.59 Δ = 9° 56' 11" (LT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =136+43.89 P.T. STA. =136+61.24	CURVE 15 PI STA. =136+69.93 Δ = 9° 56' 11" (RT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =136+61.24 P.T. STA. =136+78.58	CURVE 18 PI STA. =140+86.03 Δ = 88° 31' 06" (LT) D = 572' 57" 28" R = 10.00' T = 9.74' L = 15.45' E = 3.96' S.E. RUN = P.C. STA. =140+76.29 P.T. STA. =140+91.74	CURVE 19 PI STA. =141+35.51 Δ = 88° 31' 11" (RT) D = 572' 57" 28" R = 10.00' T = 9.74' L = 15.45' E = 3.96' S.E. RUN = P.C. STA. =141+25.77 P.T. STA. =141+41.21
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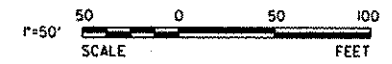
CURVE 7 PI STA. =130+35.23 Δ = 9° 56' 11" (LT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =130+26.54 P.T. STA. =130+43.88	CURVE 8 PI STA. =130+61.40 Δ = 19° 52' 22" (RT) D = 57° 17' 45" R = 100.00' T = 17.52' L = 34.68' E = 1.52' S.E. RUN = P.C. STA. =130+43.88 P.T. STA. =130+78.56	CURVE 9 PI STA. =130+87.26 Δ = 9° 56' 11" (LT) D = 57° 17' 45" R = 100.00' T = 8.69' L = 17.34' E = 0.38' S.E. RUN = P.C. STA. =130+78.56 P.T. STA. =130+95.91
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COORDINATE DATA		
CONTROL	NORTHING	EASTING
PT STA 126+29.77	1266306.364	1176756.385
PC STA 128+98.63	1266316.078	1177025.070
PRC STA 129+15.97	1266318.200	1177042.259
PC STA 129+50.66	1266319.447	1177076.748
PT STA 129+68.00	1266318.571	1177094.046
PC STA 130+26.54	1266320.686	1177152.546
PRC STA 130+43.88	1266322.809	1177169.736
PC STA 130+78.56	1266324.055	1177204.224
PT STA 130+95.91	1266323.180	1177221.523

COORDINATE DATA		
CONTROL	NORTHING	EASTING
PC STA 132+67.86	1266329.392	1177393.368
PRC STA 133+02.55	1266331.515	1177410.558
PT STA 133+21.06	1266333.637	1177427.748
PC STA 134+03.72	1266337.284	1177528.856
PRC STA 134+21.06	1266336.355	1177546.152
PT STA 134+38.41	1266335.427	1177563.447
PC STA 136+43.89	1266342.227	1177768.821
PRC STA 136+61.23	1266344.297	1177786.017
PT STA 136+78.58	1266346.367	1177803.213

COORDINATE DATA		
CONTROL	NORTHING	EASTING
PC STA 139+88.90	1266356.636	1178113.372
PT STA 140+07.47	1266358.995	1178131.756
PC STA 140+26.20	1266361.361	1178150.312
PT STA 140+76.29	1266363.018	1178200.371
PT STA 140+91.74	1266373.085	1178210.040
PC STA 141+25.76	1266407.112	1178209.793
PT STA 141+41.21	1266417.179	1178219.462
POT STA 142+67.81	1266420.870	1178346.002

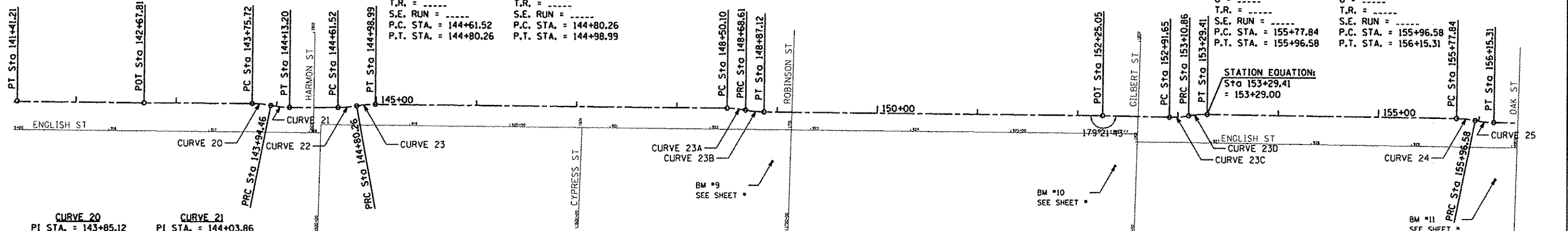
CURVE 16 PI STA. =139+98.21 Δ = 10° 38' 06" (LT) D = 57° 17' 45" R = 100.00' T = 9.31' L = 18.56' E = 0.43' S.E. RUN = P.C. STA. =139+88.91 P.T. STA. =140+07.47	CURVE 17 PI STA. =140+16.86 Δ = 10° 44' 05" (RT) D = 57° 18' 03" R = 99.99' T = 9.39' L = 18.73' E = 0.44' S.E. RUN = P.C. STA. =140+07.47 P.T. STA. =140+26.20
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CURVE 22 PI STA. =144+70.92 Δ = 10° 44' 05" (LT) D = 57° 17' 45" R = 100.00' T = 9.40' L = 18.74' E = 0.44' S.E. RUN = P.C. STA. =144+61.52 P.T. STA. =144+80.26	CURVE 23 PI STA. =144+89.65 Δ = 10° 44' 05" (RT) D = 57° 17' 45" R = 100.00' T = 9.40' L = 18.74' E = 0.44' S.E. RUN = P.C. STA. =144+80.26 P.T. STA. =144+98.99
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CURVE 24 PI STA. =155+87.24 Δ = 10° 44' 05" (RT) D = 57° 17' 45" R = 100.00' T = 9.40' L = 18.74' E = 0.44' S.E. RUN = P.C. STA. =155+77.84 P.T. STA. =155+96.58	CURVE 25 PI STA. =156+05.97 Δ = 10° 44' 05" (LT) D = 57° 17' 45" R = 100.00' T = 9.40' L = 18.74' E = 0.44' S.E. RUN = P.C. STA. =155+96.58 P.T. STA. =156+15.31
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STATION EQUATION:
Sta 153+29.41
= 153+29.00



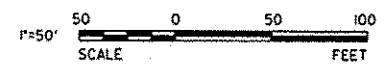
CURVE 20 PI STA. =143+85.12 Δ = 10° 44' 05" (RT) D = 57° 17' 45" R = 100.00' T = 9.40' L = 18.74' E = 0.44' S.E. RUN = P.C. STA. =143+75.72 P.T. STA. =143+94.46	CURVE 21 PI STA. =144+03.86 Δ = 10° 44' 05" (LT) D = 57° 17' 45" R = 100.00' T = 9.40' L = 18.74' E = 0.44' S.E. RUN = P.C. STA. =143+94.46 P.T. STA. =144+13.20
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CURVE 23A PI STA. =148+59.36 Δ = 10° 36' 21" (RT) D = 57° 17' 45" R = 100.00' T = 9.28' L = 18.51' E = 0.43' S.E. RUN = P.C. STA. =148+50.10 P.T. STA. =148+68.61	CURVE 23B PI STA. =148+77.87 Δ = 10° 36' 21" (LT) D = 57° 17' 45" R = 100.00' T = 9.28' L = 18.51' E = 0.43' S.E. RUN = P.C. STA. =148+68.61 P.T. STA. =148+87.12
--	--

COORDINATE DATA		
CONTROL	NORTHING	EASTING
PC STA 143+75.72	1266424.939	1178453.844
PRC STA 143+94.46	1266423.807	1178472.518
PT STA 144+13.20	1266422.674	1178491.192
PC STA 144+61.52	1266424.773	1178539.471
PRC STA 144+80.26	1266427.138	1178558.029
PT STA 144+98.99	1266429.503	1178576.587
PC STA 148+50.10	1266441.122	1178927.501
PRC STA 148+68.61	1266440.024	1178945.952
PT STA 148+87.12	1266438.926	1178964.404
POT STA 152+25.05	1266450.108	1179302.148
PC STA 152+91.65	1266451.570	1179368.731

COORDINATE DATA		
CONTROL	NORTHING	EASTING
PC STA 153+10.86	1266453.827	1179387.776
PT STA 153+29.41	1266456.069	1179406.171
PC STA 155+77.84	1266463.148	1179654.907
PRC STA 155+96.58	1266461.928	1179673.575
PT STA 156+15.31	1266460.709	1179692.244

CURVE 23C PI STA. =126+21.21 Δ = 11° 00' 18" (LT) D = 57° 17' 45" R = 100.00' T = 9.63' L = 19.21' E = 0.46' S.E. RUN = P.C. STA. =152+91.44 P.T. STA. =153+10.65	CURVE 23D PI STA. =126+21.21 Δ = 10° 37' 58" (RT) D = 57° 17' 45" R = 100.00' T = 9.31' L = 18.56' E = 0.43' S.E. RUN = P.C. STA. =153+10.65 P.T. STA. =153+29.86
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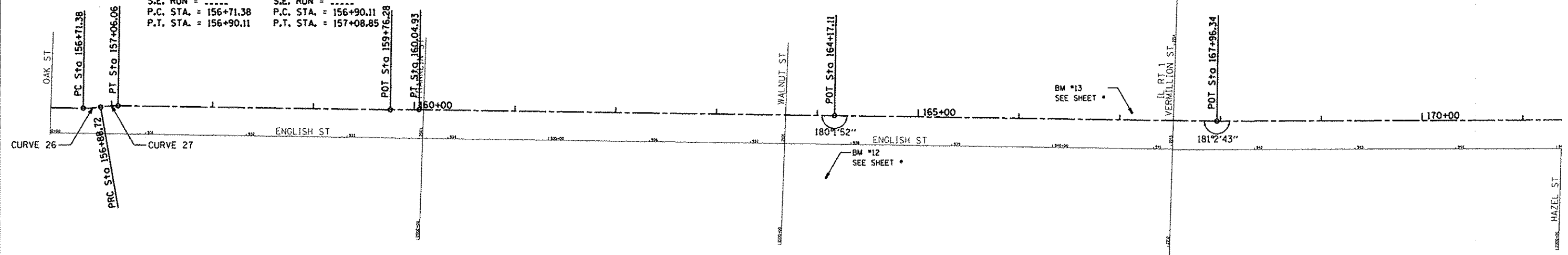


NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT	ENGR. ADG
ESI PROJECT NO. 07-163-074-01	DRAWN BY: ADG
DATE: 10-31-2012	DRAWN BY: JEH
	QCQA: DCL/PAT

CURVE 26
 PI STA. = 156+80.77
 $\Delta = 10^\circ 44' 05''$ (LT)
 D = 57' 17' 45"
 R = 100.00'
 T = 9.40'
 L = 18.74'
 E = 0.44'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 156+71.38
 P.T. STA. = 156+90.11

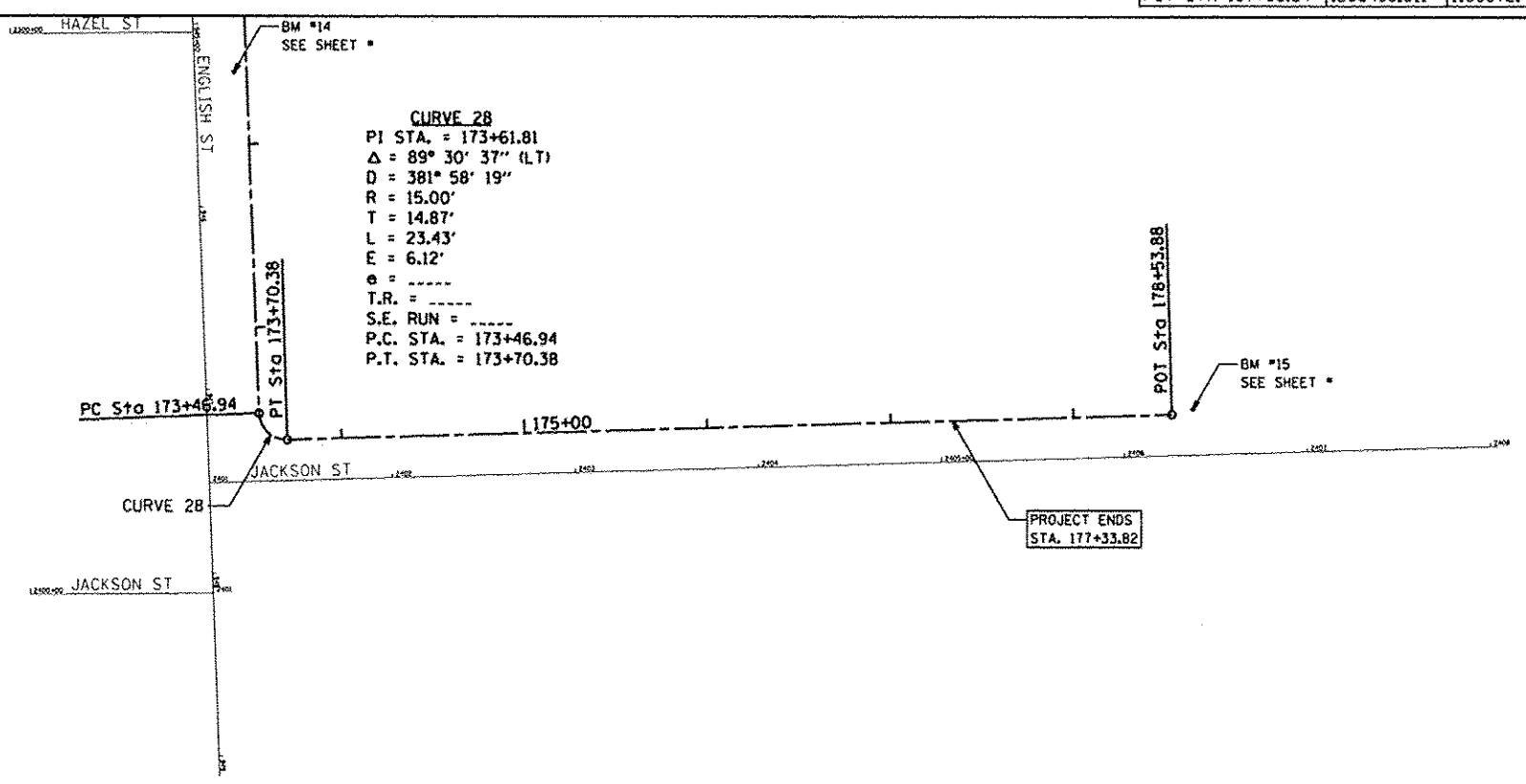
CURVE 27
 PI STA. = 156+99.51
 $\Delta = 10^\circ 44' 05''$ (RT)
 D = 57' 17' 45"
 R = 100.00'
 T = 9.40'
 L = 18.74'
 E = 0.44'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 156+90.11
 P.T. STA. = 157+08.85



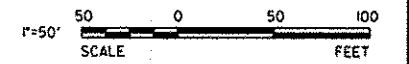
COORDINATE DATA		
CONTROL	NORTHING	EASTING
PC STA 156+71.38	1266462.304	1179748.287
PRC STA 156+88.72	1266464.296	1179765.494
PT STA 157+06.06	1266466.286	1179782.699
POT STA 159+79.28	1266476.974	1180052.810
POT STA 160+04.93	1266475.289	1180081.430
POT STA 164+17.11	1266487.015	1180493.398
POT STA 167+96.34	1266498.011	1180872.464



CURVE 28
 PI STA. = 173+61.81
 $\Delta = 89^\circ 30' 37''$ (LT)
 D = 381' 58' 19"
 R = 15.00'
 T = 14.87'
 L = 23.43'
 E = 6.12'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 173+46.94
 P.T. STA. = 173+70.38



COORDINATE DATA		
CONTROL	NORTHING	EASTING
PC STA 173+46.94	1266524.013	1181422.455
PT STA 173+70.37	1266539.577	1181436.735
POT STA 178+53.88	1267022.723	1181418.022



DRAWN DATE: 10/30/2012
 DRAWN BY: JER
 CHECKED BY: JER
 PROJECT NO: 07-163-074-01
 DATE: 10-31-2012

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CITY OF DANVILLE
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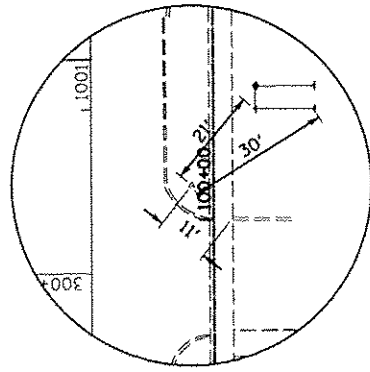
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT
 ENGR: ADG
 ESI PROJECT NO: 07-163-074-01
 DRAWN BY: ADG
 CHECKED BY: JER
 DATE: 10-31-2012
 QCQA: DLCPAT

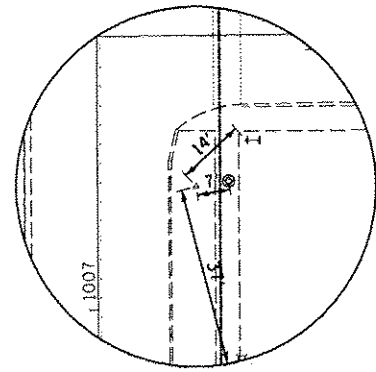
LINCOLN PARK HISTORIC DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY

ALIGNMENT
 STA 156+50 TO STA 177+33.82
 SHEET 3 OF 3

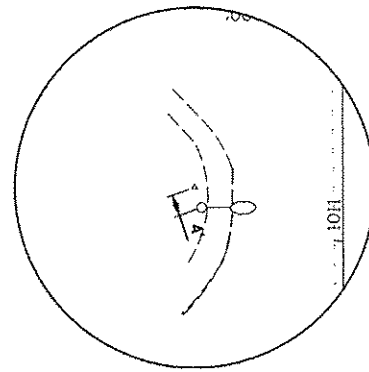
DRAWING NO. **12**
 OF 40



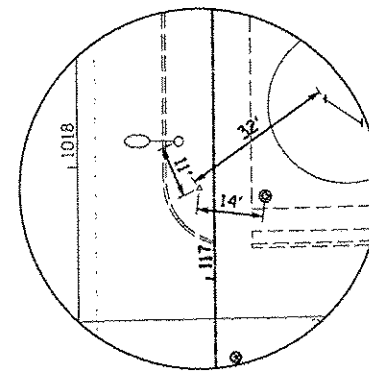
CONTROL POINT #1
 STA 100+07.2, 4.58' LT
 1/2" IRON PIN WITH CAP
 X: 1176760.7033, Y: 1263693.8107



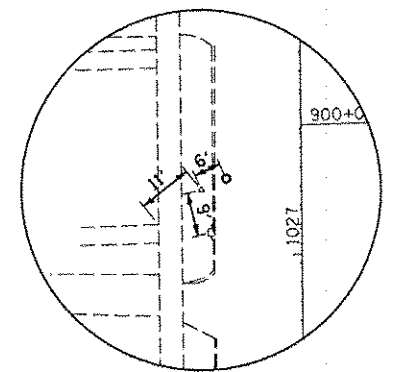
CONTROL POINT #2
 STA 106+48.6, 5.00' LT
 1/2" IRON PIN WITH CAP
 X: 1176754.9222, Y: 1264335.2026



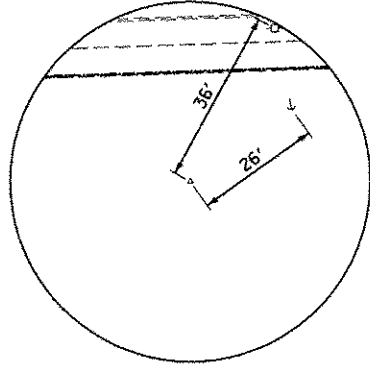
CONTROL POINT #3
 STA 110+34.5, 59.86' LT
 1/2" IRON PIN WITH CAP
 X: 1176700.3360, Y: 1264720.4074



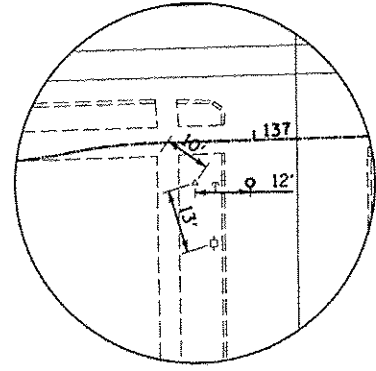
CONTROL POINT #4
 STA 117+10.7, 3.05' LT
 1/2" IRON PIN WITH CAP
 X: 1176749.6928, Y: 1265405.0853



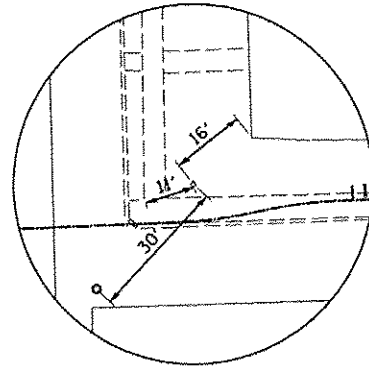
CONTROL POINT #5
 STA 126+14.2, 55.70' LT
 1/2" IRON PIN WITH CAP
 X: 1176692.1005, Y: 1266322.6713



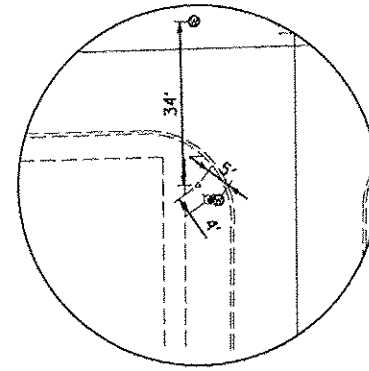
CONTROL POINT #6
 STA 131+38.5, 25.98' RT
 1/2" IRON PIN WITH CAP
 X: 1177264.4412, Y: 1266301.7359



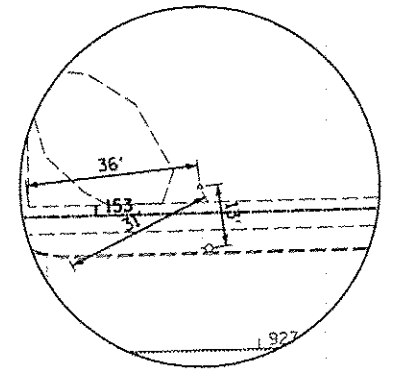
CONTROL POINT #7
 STA 136+87.4, 8.55' RT
 1/2" IRON PIN WITH CAP
 X: 1181468.1822, Y: 1266466.1041



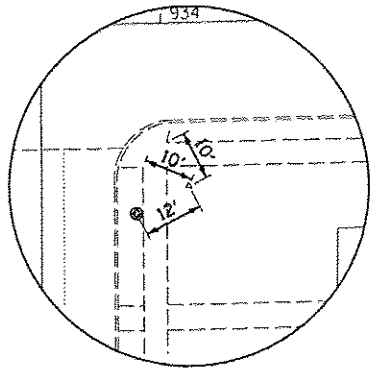
CONTROL POINT #8
 STA 144+67.1, 7.71' LT
 1/2" IRON PIN WITH CAP
 X: 1177812.2920, Y: 1266338.1094



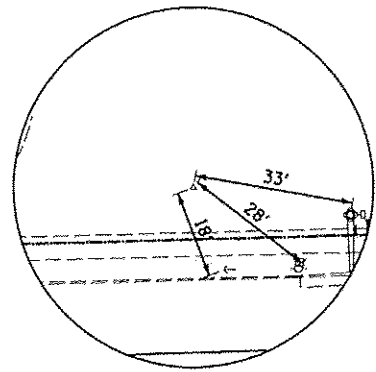
CONTROL POINT #9
 STA 148+93.3, 49.44' RT
 1/2" IRON PIN WITH CAP
 X: 1178544.3597, Y: 1266432.7928



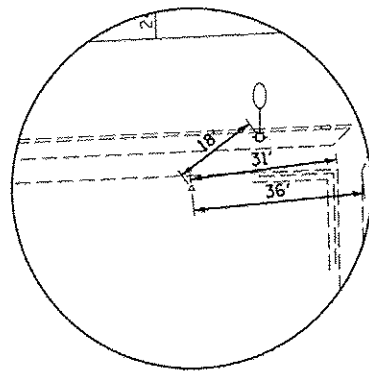
CONTROL POINT #10
 STA 153+21.8, 5.48' LT
 1/2" IRON PIN WITH CAP
 X: 1176972.3388, Y: 1266393.1410



CONTROL POINT #11
 STA 160+38.9, 62.52' RT
 1/2" IRON PIN WITH CAP
 X: 1179398.8218, Y: 1266461.3392



CONTROL POINT #12
 STA 166+66.5, 10.83' LT
 1/2" IRON PIN WITH CAP
 X: 1180117.1134, Y: 1266413.7622



CONTROL POINT #13
 STA 173+54.7, 71.43' RT
 1/2" IRON PIN WITH CAP
 X: 1180742.3366, Y: 1266505.0694

PRINTED DATE: 10/31/2012
 PLOT DATE: 10/31/2012
 PLOT TIME: 10:12:51 AM
 PLOT USER: jeh
 PLOT DEVICE: HP DesignJet 5000 Series
 PLOT SCALE: 1:1
 PLOT SHEET: 13 OF 40
 PLOT STATUS: SUCCESS

ESI CONSULTANTS, LTD
 753 WINDSOR ROAD
 CHARLESTON, IL 61920
 (217) 548-1800
 WWW.ESI-CONSULTANTS.COM
 ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003655

CITY OF DANVILLE
 1155 E. VOORHEES STREET
 SUITE A
 DANVILLE, IL 61832

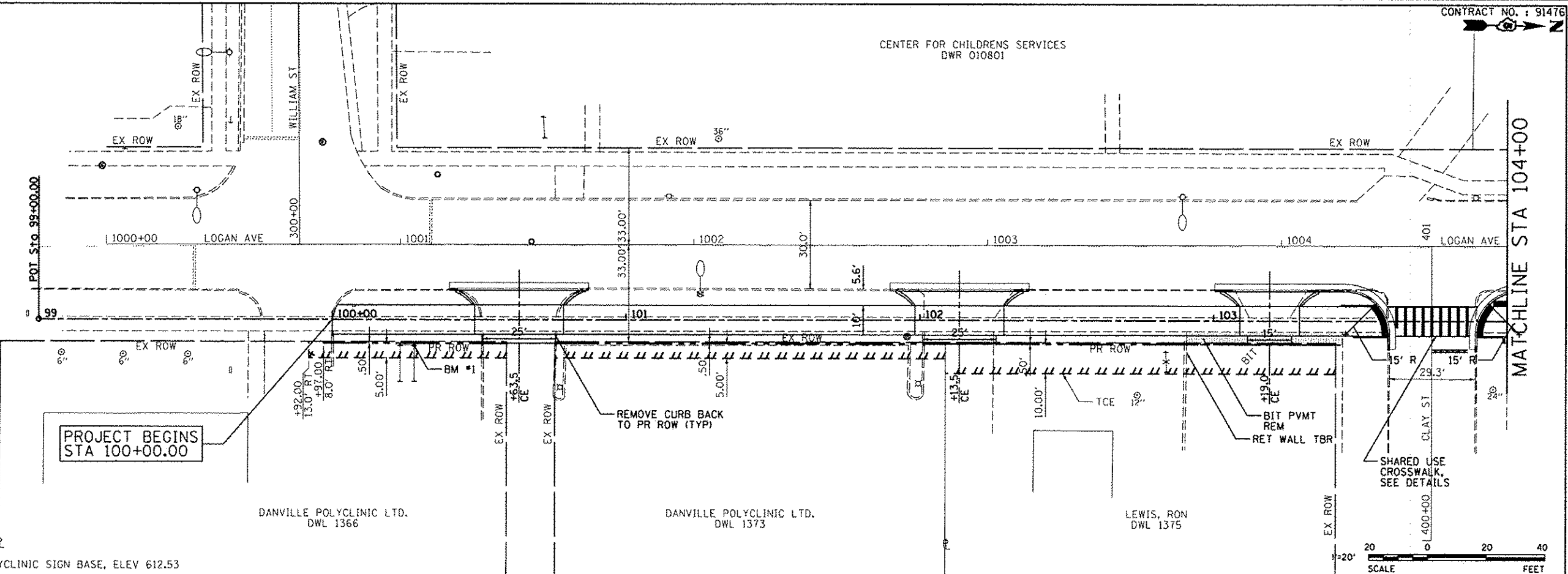
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT	ENGR: ADG
ESI PROJECT NO: 07-163-074-01	DRAWN BY: ADG
DATE: 10-31-2012	DRAWN BY: JEH
	QC/QA: DLCPAT

LINCOLN PARK HISTORIC DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY

ALIGNMENT TIES

CENTER FOR CHILDRENS SERVICES
DWR 010801



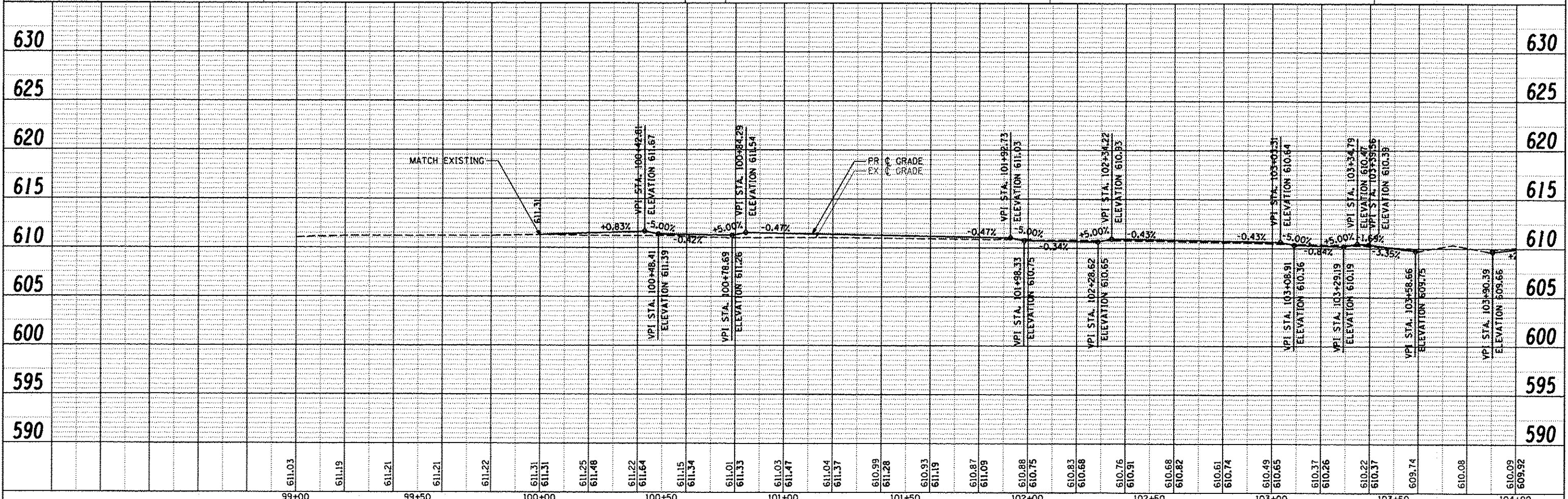
PROJECT BEGINS
STA 100+00.00

DANVILLE POLYCLINIC LTD.
DWL 1366

DANVILLE POLYCLINIC LTD.
DWL 1373

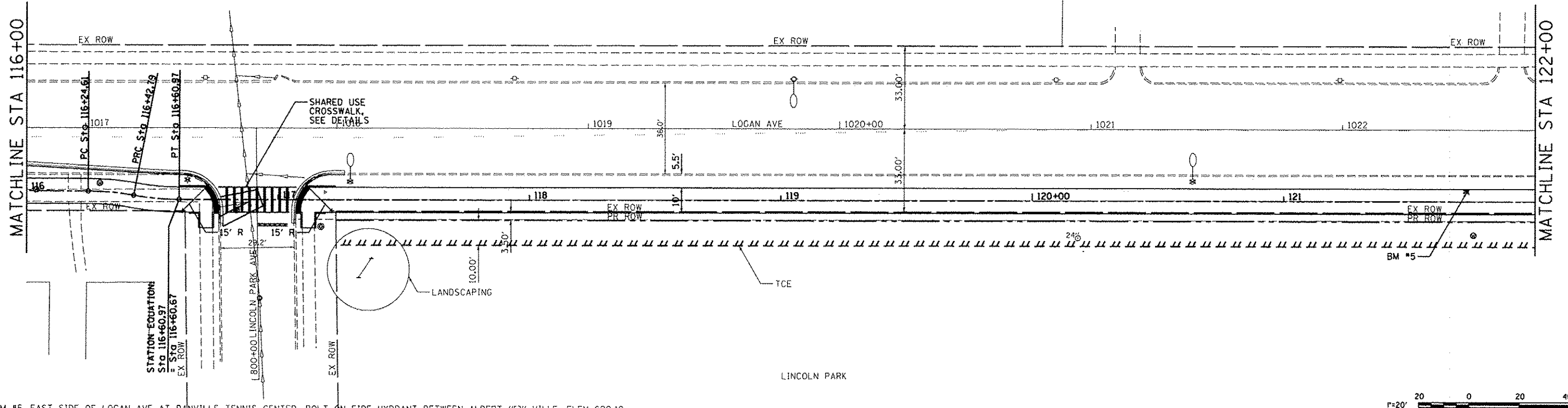
LEWIS, RON
DWL 1375

BM #1 NW CORNER OF METAL TOP OF DANVILLE POLYCLINIC SIGN BASE, ELEV 612.53

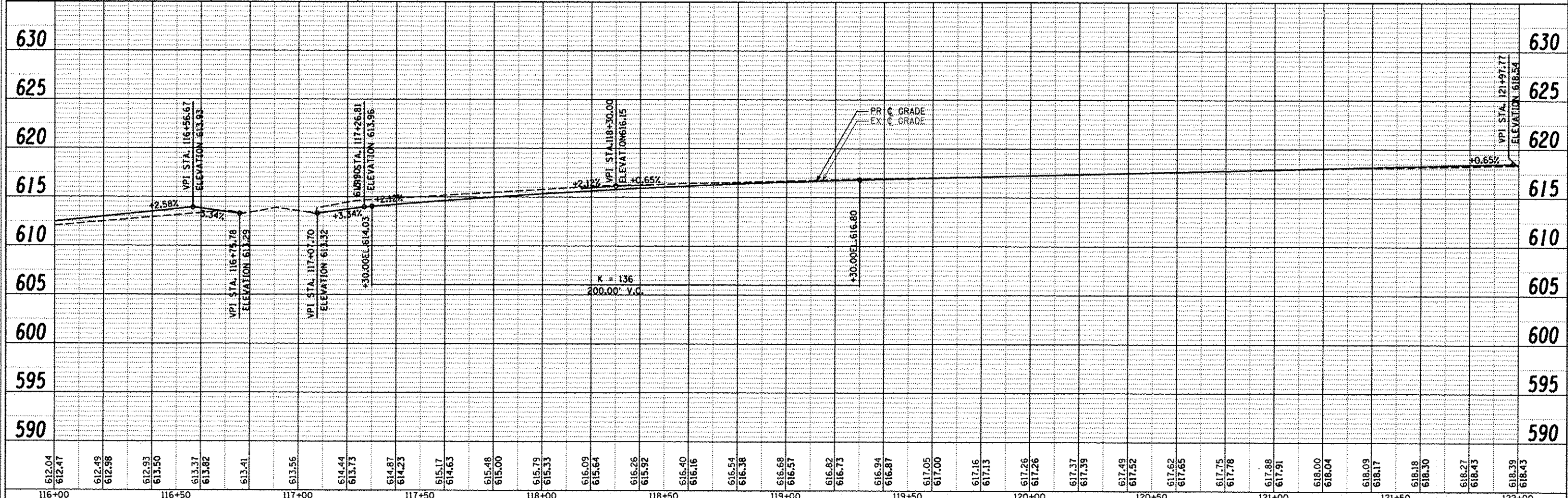
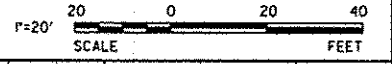


ESI CONSULTANTS, LTD 753 WINDSOR ROAD CHARLESTON, IL 61920 (217) 348-1900 WWW.ESI-CONSULTANTS.LTD.COM ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003685		CITY OF DANVILLE 1155 E. VOORHEES STREET SUITE A DANVILLE, IL 61832		SECTION NO. 08-00224-00-BT ENGR: ADG ESI PROJECT NO: 07-163-074-01 DRAWN BY: ADG DATE: 10-31-2012 QC/QA: DLO/PAT		LINCOLN PARK HISTORIC DIST SHARED USE PATH CITY OF DANVILLE, VERMILION COUNTY		PLAN AND PROFILE STA 100+00.00 TO STA 104+00		DRAWING NO. 14 SHEET 1 OF 14 OF 40	
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PRINTED DATE: 10/30/2012
 PLOT DATE: 10/30/2012
 PLOT SCALE: 1"=40'
 PLOT BY: ADG



BM #5 EAST SIDE OF LOGAN AVE AT DANVILLE TENNIS CENTER, BOLT ON FIRE HYDRANT BETWEEN ALBERT "C" VILLE, ELEV 620.19



612.04	612.47	612.49	612.98	612.93	613.50	613.37	613.82	613.41	613.56	614.44	613.73	614.87	614.23	615.17	614.63	615.48	615.00	615.79	615.33	616.09	615.64	616.26	615.92	616.40	616.16	616.54	616.38	616.68	616.57	616.82	616.73	616.94	616.87	617.05	617.00	617.16	617.13	617.26	617.26	617.37	617.39	617.49	617.52	617.62	617.65	617.75	617.78	617.88	617.91	618.00	618.04	618.09	618.17	618.18	618.30	618.27	618.43	618.39	618.43
116+00	116+50	117+00	117+50	118+00	118+50	119+00	119+50	120+00	120+50	121+00	121+50	122+00																																															

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CITY OF DANVILLE
1155 E. VOORHEES STREET
SUITE A
DANVILLE, IL 61832

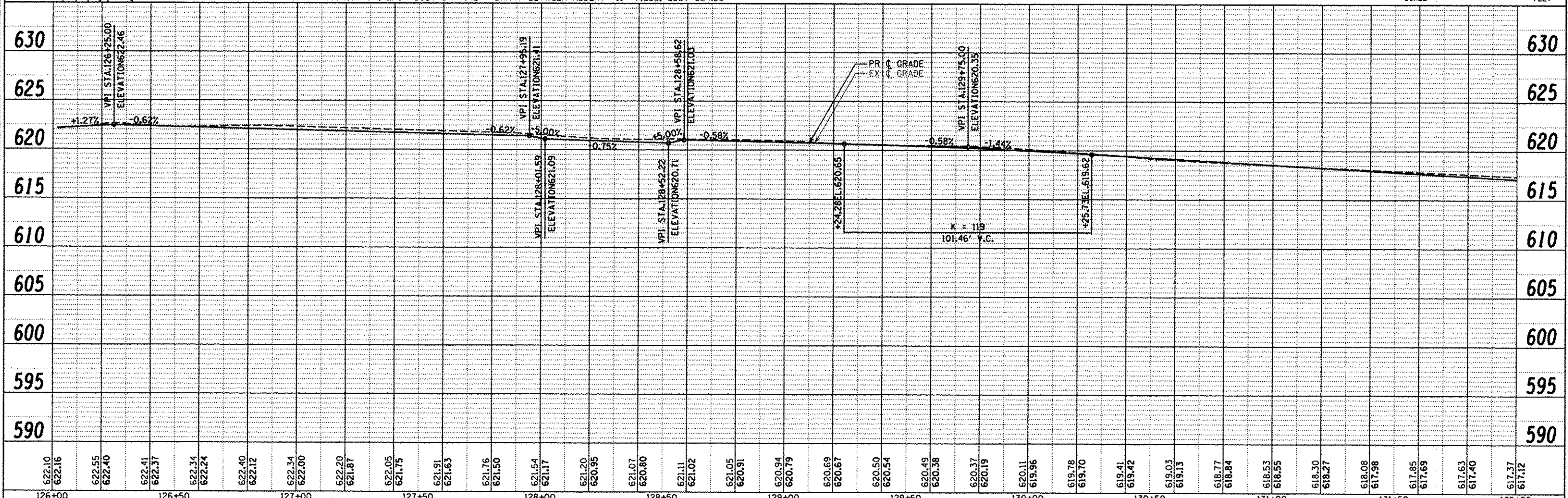
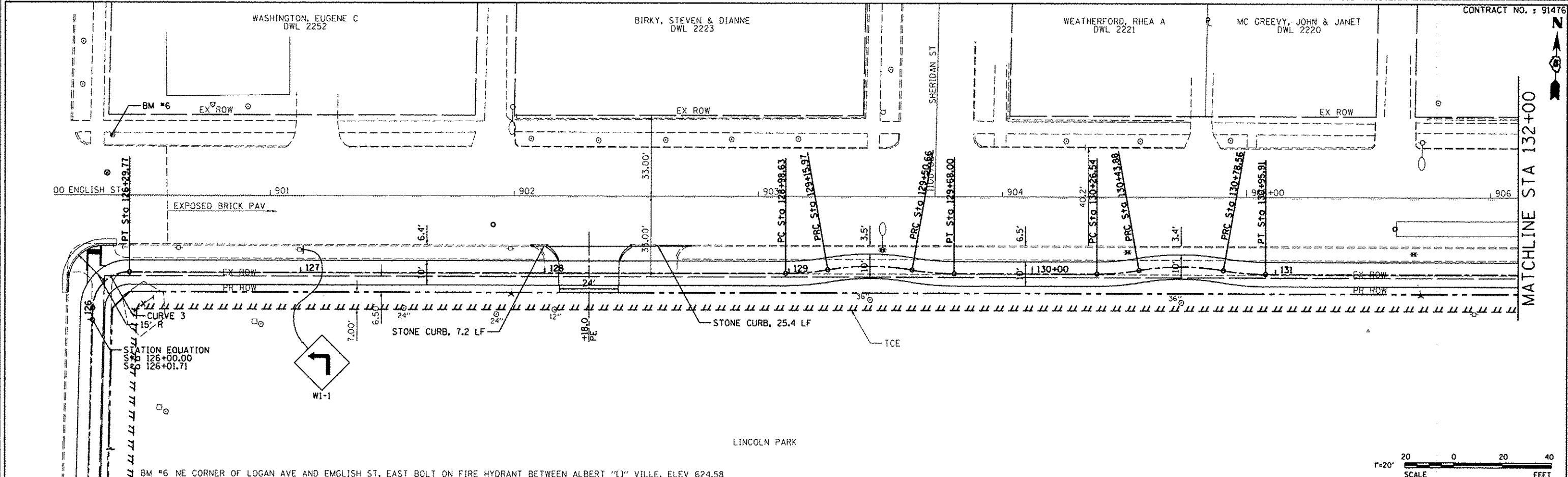
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 08-00224-00-BT
ENGR: ADG
ESI PROJECT NO: 07-163-074-01
DRAWN BY: ADG
DATE: 10-31-2012
QC/QA: DLCPAT

**LINCOLN PARK HISTORIC
DIST SHARED USE PATH
CITY OF DANVILLE, VERMILION COUNTY**

PLAN AND PROFILE
STA 116+00 TO STA 122+00

DRAWING NO. **17**
SHEET 4 OF 14 OF 40



622.10	622.16	622.55	622.40	622.41	622.37	622.34	622.24	622.40	622.12	622.34	622.00	622.20	621.87	622.05	621.75	621.91	621.63	621.76	621.50	621.54	621.17	621.20	620.95	621.07	620.80	621.11	621.02	621.05	620.91	620.94	620.79	620.69	620.67	620.50	620.54	620.49	620.38	620.37	620.19	620.11	619.96	619.78	619.70	619.41	619.42	619.03	619.13	618.77	618.84	618.53	618.55	618.30	618.27	618.08	617.98	617.85	617.69	617.63	617.40	617.37	617.12
126+00	126+50	127+00	127+50	128+00	128+50	129+00	129+50	130+00	130+50	131+00	131+50	132+00																																																	

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CITY OF DANVILLE
 1155 E. VOORHEES STREET
 SUITE A
 DANVILLE, IL 61832

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 08-00224-00-BT
 ENGR: ADG
 ESI PROJECT NO: 07-163-074-01
 DRAWN BY: ADG
 DATE: 10-31-2012
 CCGA: DLCPAT

LINCOLN PARK HISTORIC DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY

PLAN AND PROFILE
 STA 126+00 TO STA 132+00
 SHEET 6 OF 14
 DRAWING NO. **19**
 OF 40

FILICKY, MATTHEW & JANET
DWL 2188

MELTON FAMILY TR
DWL 2186

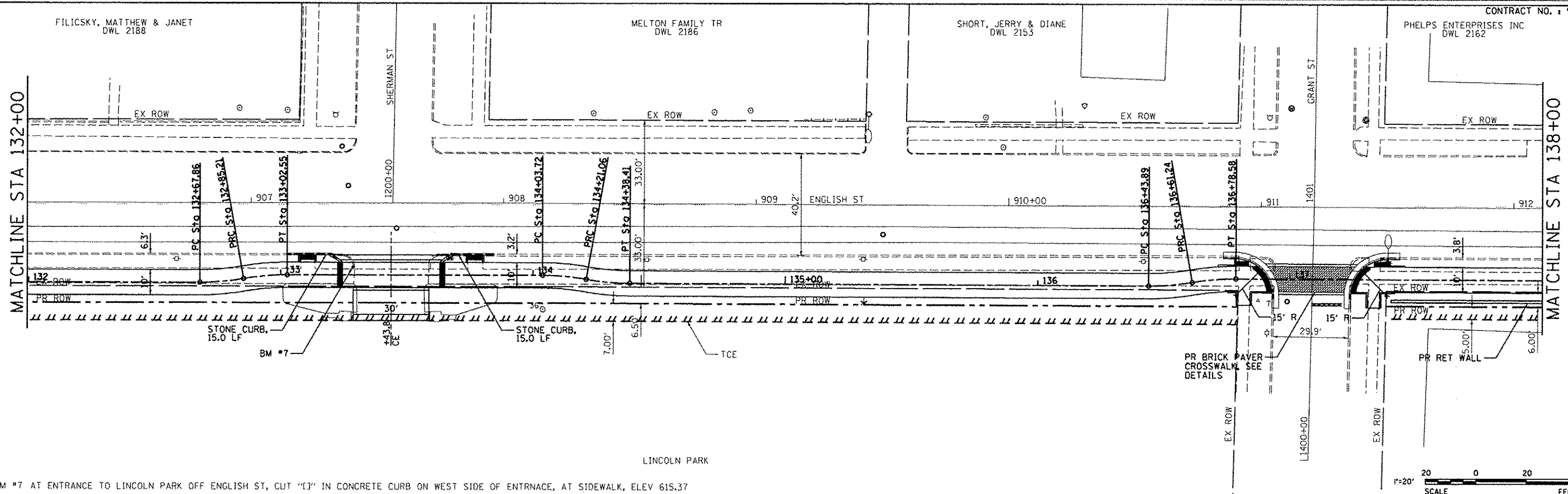
SHORT, JERRY & DIANE
DWL 2153

CONTRACT NO. 191476
PHELPS ENTERPRISES INC
DWL 2162



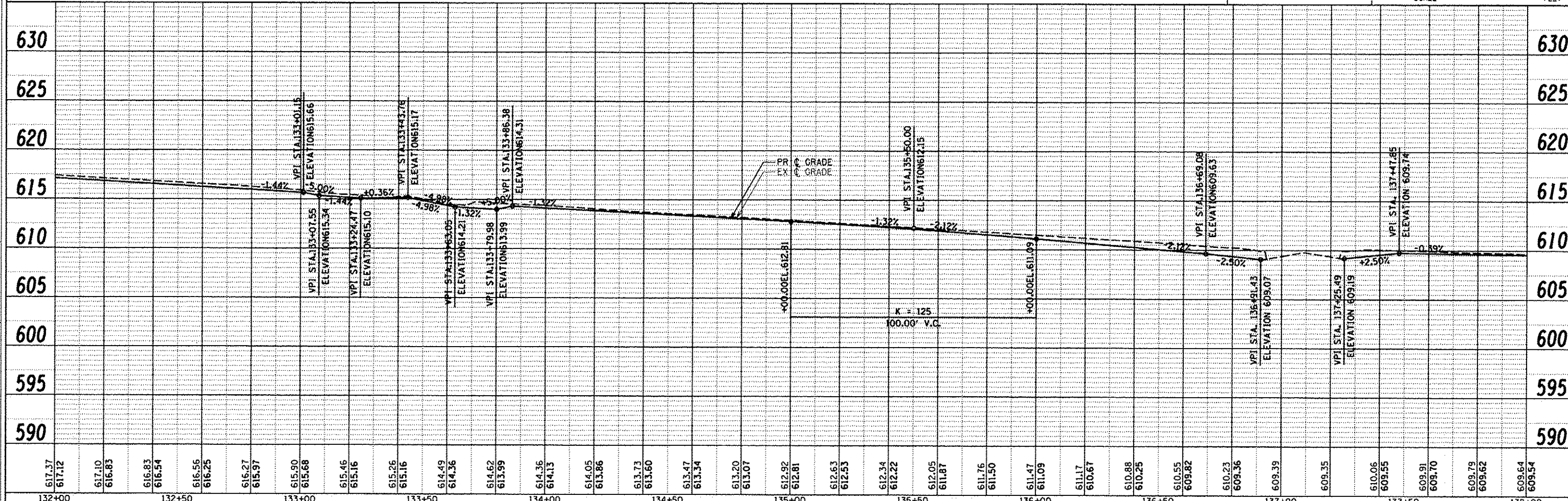
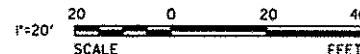
MATCHLINE STA 132+00

MATCHLINE STA 138+00



LINCOLN PARK

BM #7 AT ENTRANCE TO LINCOLN PARK OFF ENGLISH ST, CUT "C" IN CONCRETE CURB ON WEST SIDE OF ENTRANCE, AT SIDEWALK, ELEV 615.37



<p>ESI CONSULTANTS, LTD 753 WINDSOR ROAD CHARLESTON, IL 61820 (217) 348-1956 WWW.ESI-CONSULTANTS.COM ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003865</p>	<p>CITY OF DANVILLE 1155 E. VOORHEES STREET SUITE A DANVILLE, IL 61832</p>	NO. DATE DESCRIPTION OF REVISIONS	SECTION NO. 06-00224-00-BT	ENGR: ADG	<p>LINCOLN PARK HISTORIC DIST SHARED USE PATH CITY OF DANVILLE, VERMILION COUNTY</p>	<p>PLAN AND PROFILE STA 132+00 TO STA 138+00</p>	<p>DRAWING NO. 20 OF 40</p>
		NO. DATE DESCRIPTION OF REVISIONS	ESI PROJECT NO. 07-163-074-01	DRAWN BY: ADG			

FROMAN, IONA
DWL 2570

BRIDGEWATER, HAROLD JR
& MONIQUE
DWL 2569

WHITE,
ELIZABETH A
DWR 0007

DAVIS, RICHARD & TAMMY
DWR 0008

GARFIELD ELEMENTARY SCHOOL

CONTRACT NO. : 91476

ENGLISH ST & GILBERT ST
RADIUS POINT COORDINATES:
NW - X: 1179303.88, Y: 1266463.09
NE - X: 1179375.57, Y: 1266464.20
SW - X: 1179304.67, Y: 1266391.17
SE - X: 1179376.61, Y: 1266389.21

PR BRICK PAVER
CROSSWALK, SEE
DETAILS

STATION EQUATION:
Sta 153+29.41
= Sta 153+29.00

MATCHLINE STA 150+00

MATCHLINE STA 156+00

HUTCHERSON, CECILE
DWL 1900

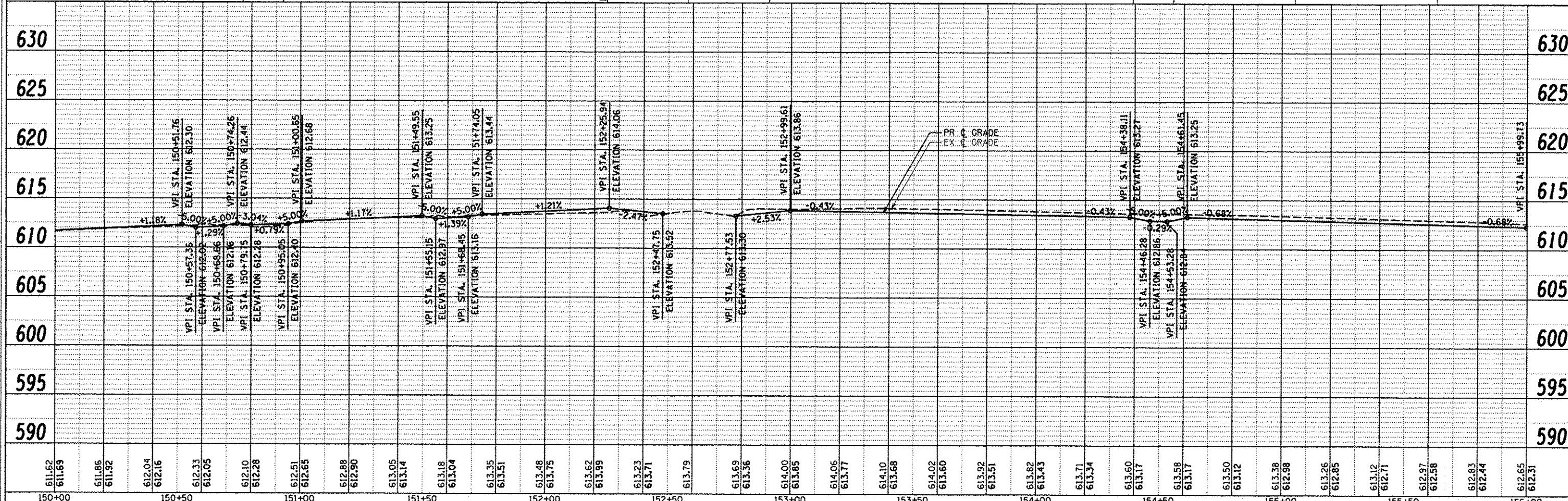
HUNTER, DUANE A
DWL 1899

NEW UNION BAPTIST CHURCH
DWL 1789A

HAMILTON, ROBERT
DWL 1810

FORD, SYLVESTER H
DWL 1811

BM #10 SW CORNER OF ENGLISH ST AND GILBERT ST, BOLT ON FIRE HYDRANT BETWEEN ALBERT "TJ" VILLE. ELEV 615.60



NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

ESI CONSULTANTS, LTD
752 WINDSOR ROAD
CHARLESTON, IL 61923
(217) 348-1800
WWW.ESICONSULTANTS.COM
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003895

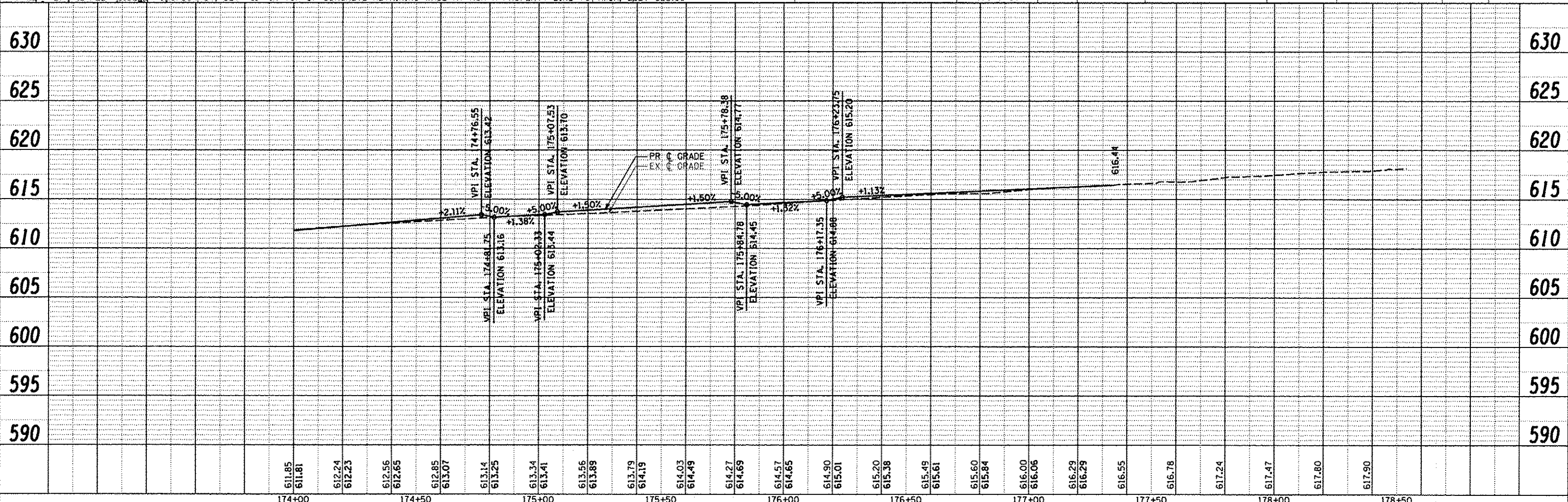
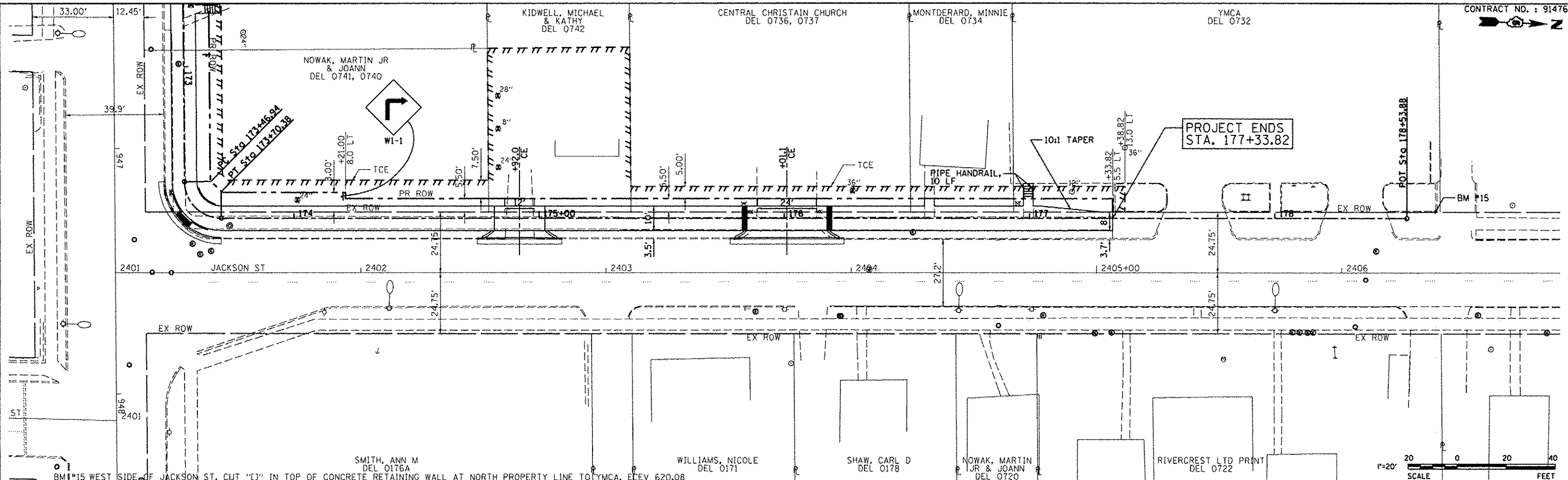
CITY OF DANVILLE
1155 E. VOORHEES STREET
SUITE A
DANVILLE, IL 61832

SECTION NO. 08-00224-00-BT
ENGR: ADG
ESI PROJECT NO. 07-163-074-01
DRAWN BY: ADG
DATE: 10-31-2012
CCQA: DLCPAT

**LINCOLN PARK HISTORIC
DIST SHARED USE PATH**
CITY OF DANVILLE, VERMILION COUNTY

PLAN AND PROFILE
STA 150+00 TO STA 156+00
DRAWING NO. **23**
SHEET 10 OF 14 OF 40

PRINTED DATE: 10/30/2012
C:\p1\esi\91476\Draw\1118\Plan\1118.dwg



NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

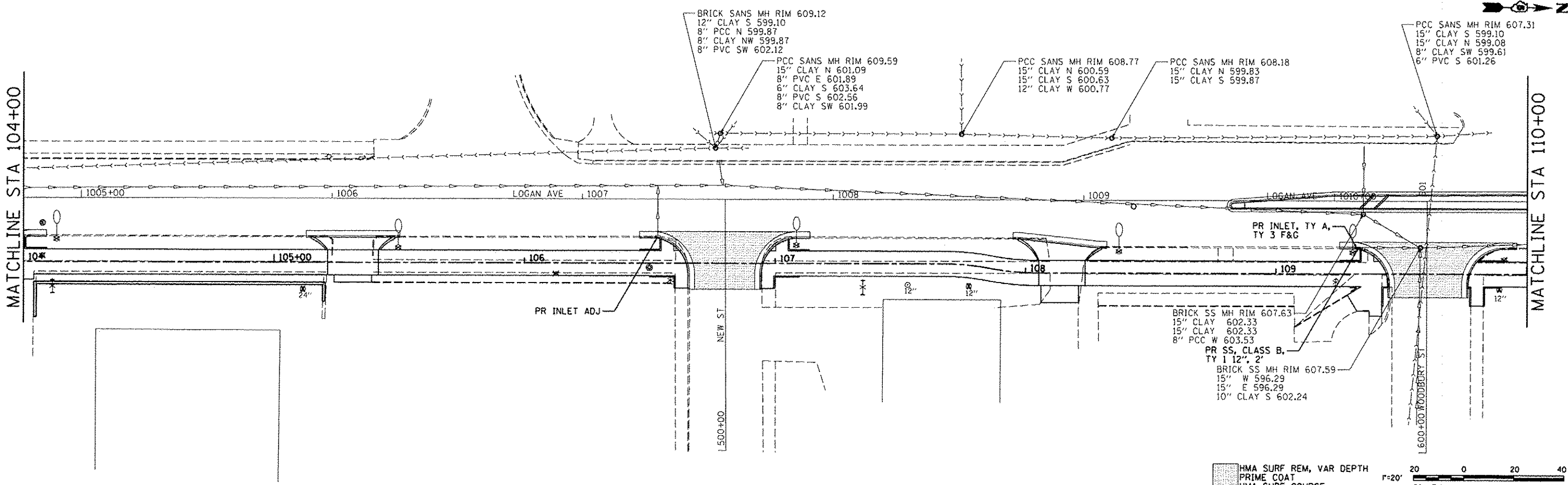
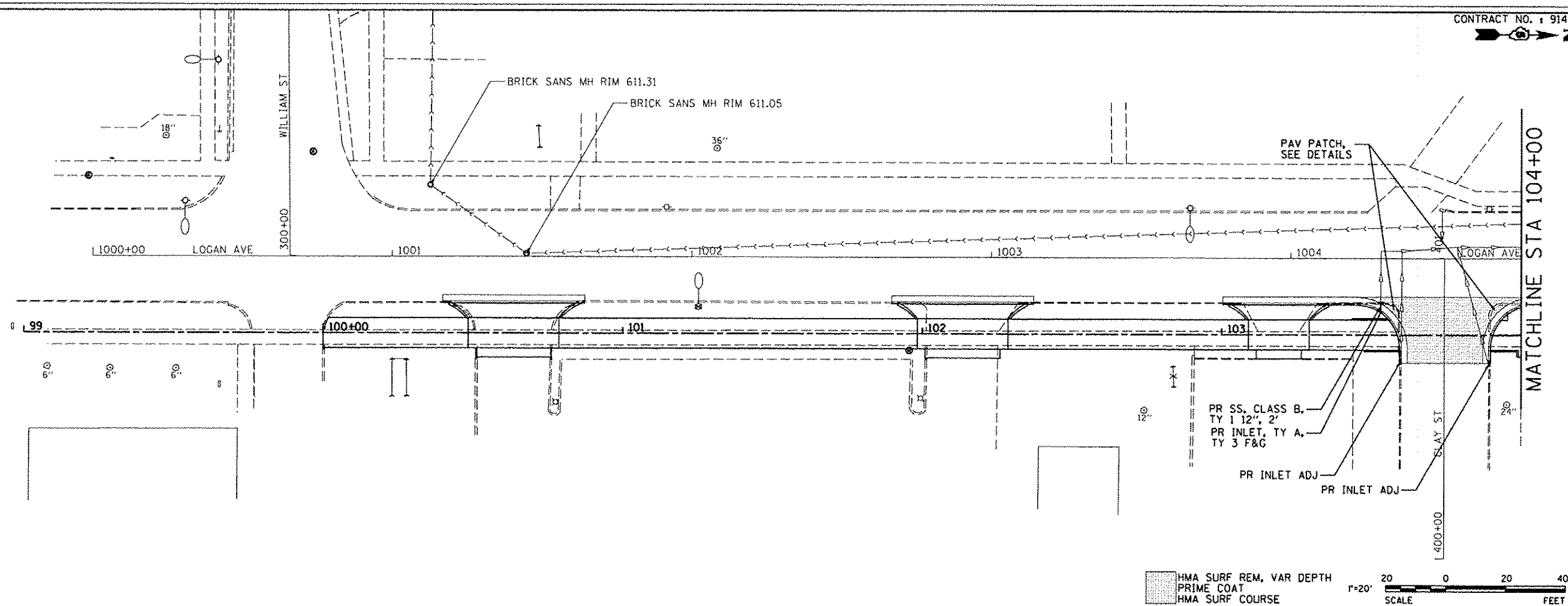
ESI CONSULTANTS, LTD
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 ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #161-003826

CITY OF DANVILLE
 1155 E. VOORHEES STREET
 SUITE A
 DANVILLE, IL 61832

SECTION NO. 06-00224-00-BT
 ENGR: ADG
 ESI PROJECT NO: 07-163-074-01
 DRAWN BY: ADG
 DATE: 10-31-2012
 OCCA: DLG/PAY

LINCOLN PARK HISTORIC DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY

PLAN AND PROFILE
 STA 174+00 TO STA 177+33.82
 SHEET 14 OF 14
 DRAWING NO. **27** OF 40



PRINTED DATE: 10/16/2012
 P:\170\fact\91476\116 - City of Danville - Drain Plan - Lincoln Park Shared Use Path.dwg

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CITY OF DANVILLE
 1155 E. VOORHEES STREET
 SUITE A
 DANVILLE, IL 61832

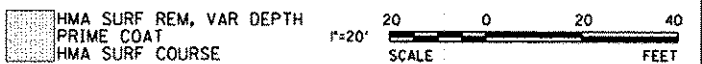
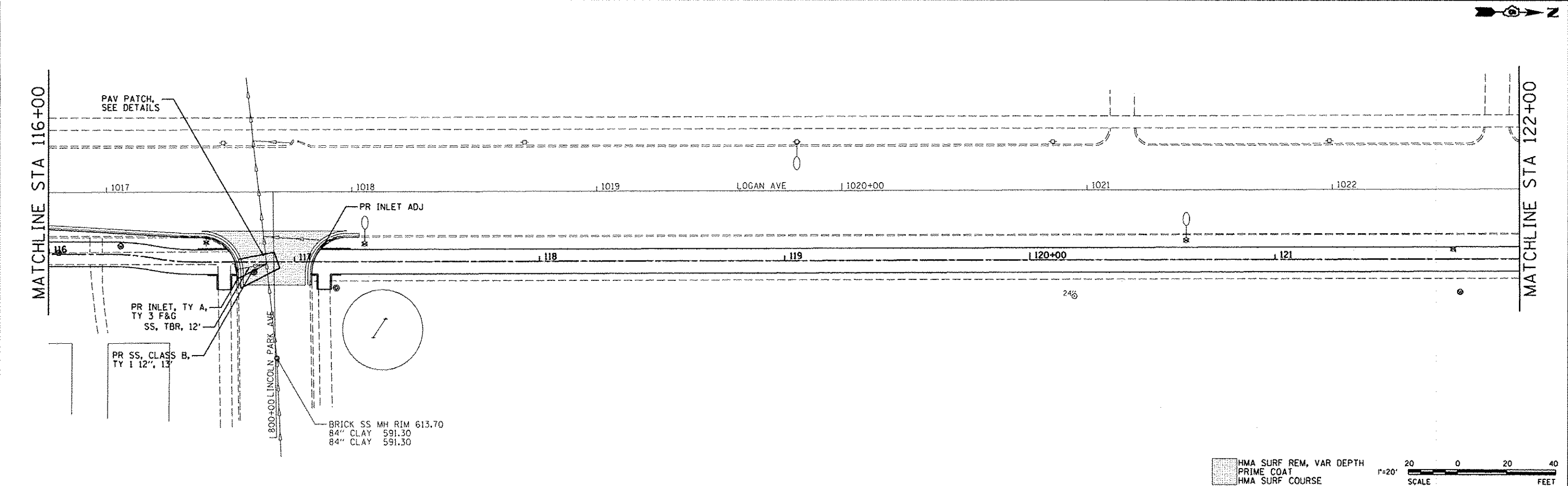
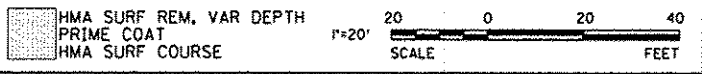
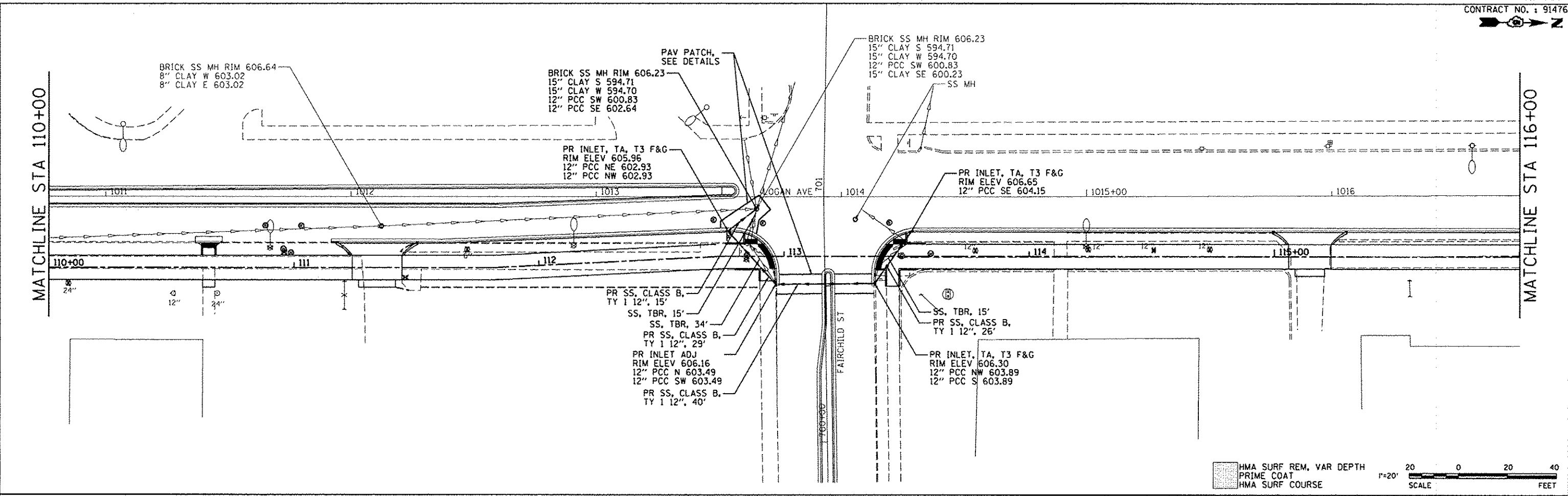
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT
 ENGR: ADG
 ESI PROJECT NO: 07-163-074-01
 DRAWN BY: ADG
 DATE: 10-31-2012
 CHECKED: DLCPAT

LINCOLN PARK HISTORIC DIST SHARED USE PATH
CITY OF DANVILLE, VERMILION COUNTY

DRAINAGE AND PATCHING PLAN
 STA 100+00 TO STA 110+00
 SHEET 1 OF 7

DRAWING NO. **28**
 OF 40



REVISED DATE: 10/29/2012
DRAWN BY: ADG
CHECKED BY: DLG/PAT

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CITY OF DANVILLE
1155 E. VOORHEES STREET
SUITE A
DANVILLE, IL 61832

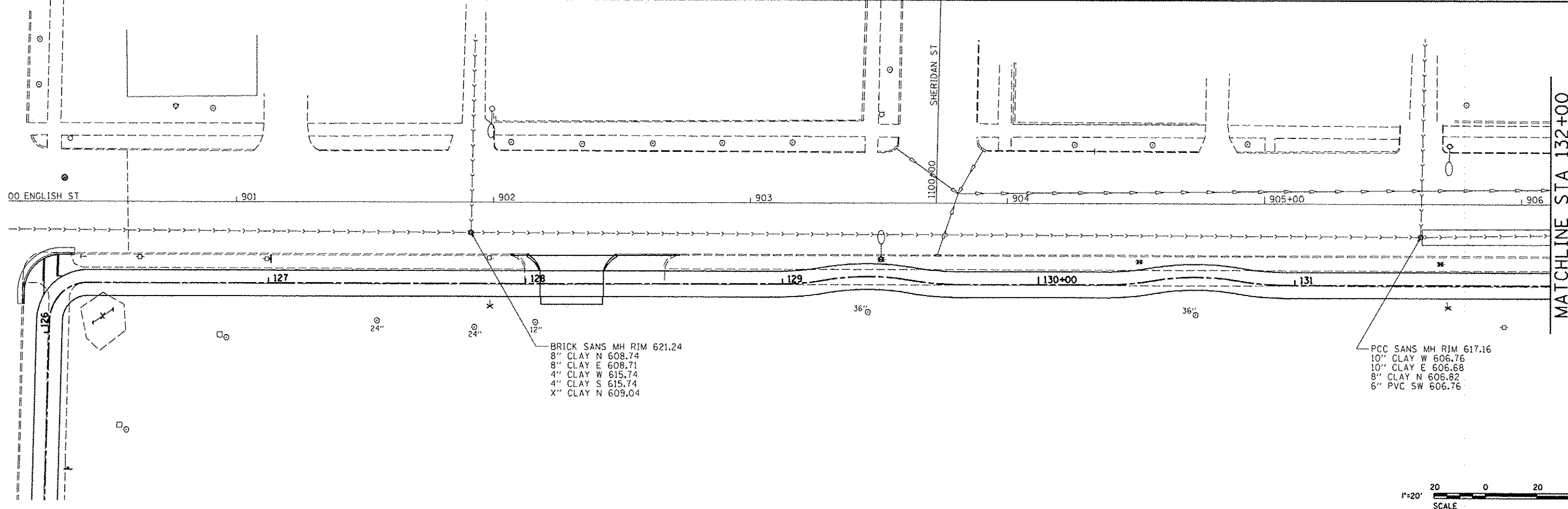
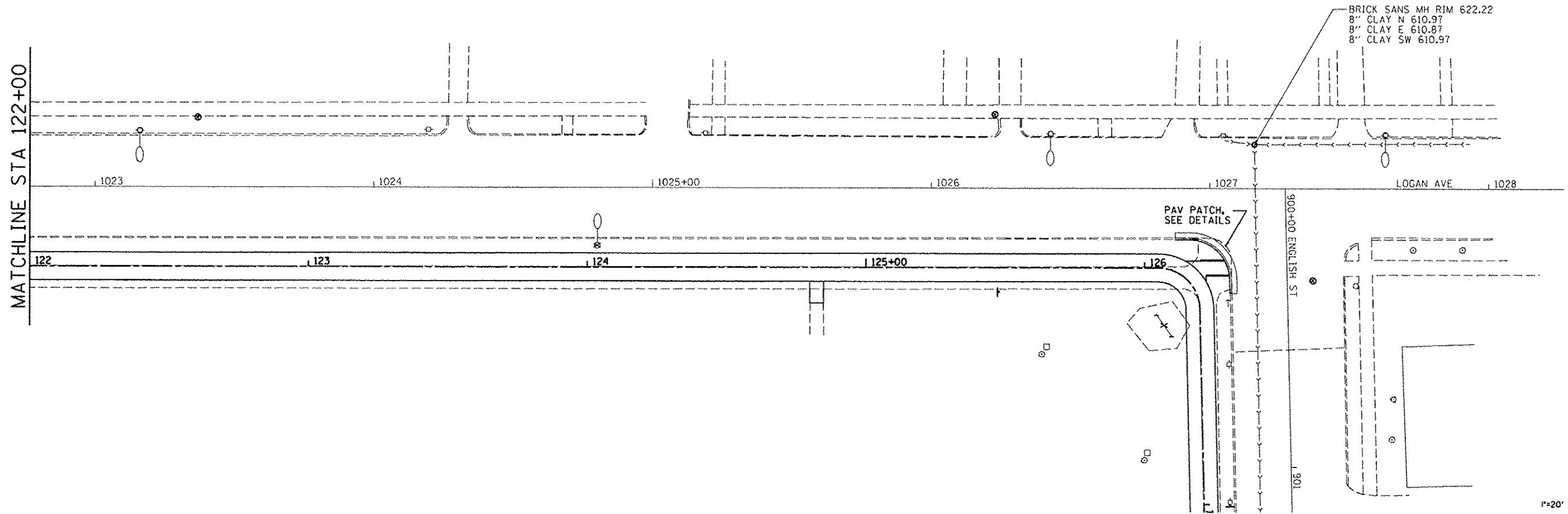
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT ENGR: ADG
ESI PROJECT NO: 07-163-074-01 DRAWN BY: ADG
DATE: 10-31-2012 QCQA: DLG/PAT

LINCOLN PARK HISTORIC DIST SHARED USE PATH
CITY OF DANVILLE, VERMILION COUNTY

DRAINAGE AND PATCHING PLAN
STA 110+00 TO STA 122+00
SHEET 2 OF 7

29
OF 40



PRINTED DATE: 10/30/2012
 P:\Projects\91476\Drawings\91476-03-DRAINAGE.DWG
 User: jlp
 Title: City of Danville, IL
 Date: 10/30/2012

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 CHARLESTON, IL 61820
 (217) 348-1900
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CITY OF DANVILLE
 1155 E. VOORHEES STREET
 SUITE A
 DANVILLE, IL 61832

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT
 ENGR: ADG
 ESI PROJECT NO. 07-163-074-01
 DRAWN BY: ADG
 DATE: 10-31-2012
 QCQA: DLCPAT

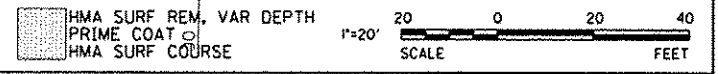
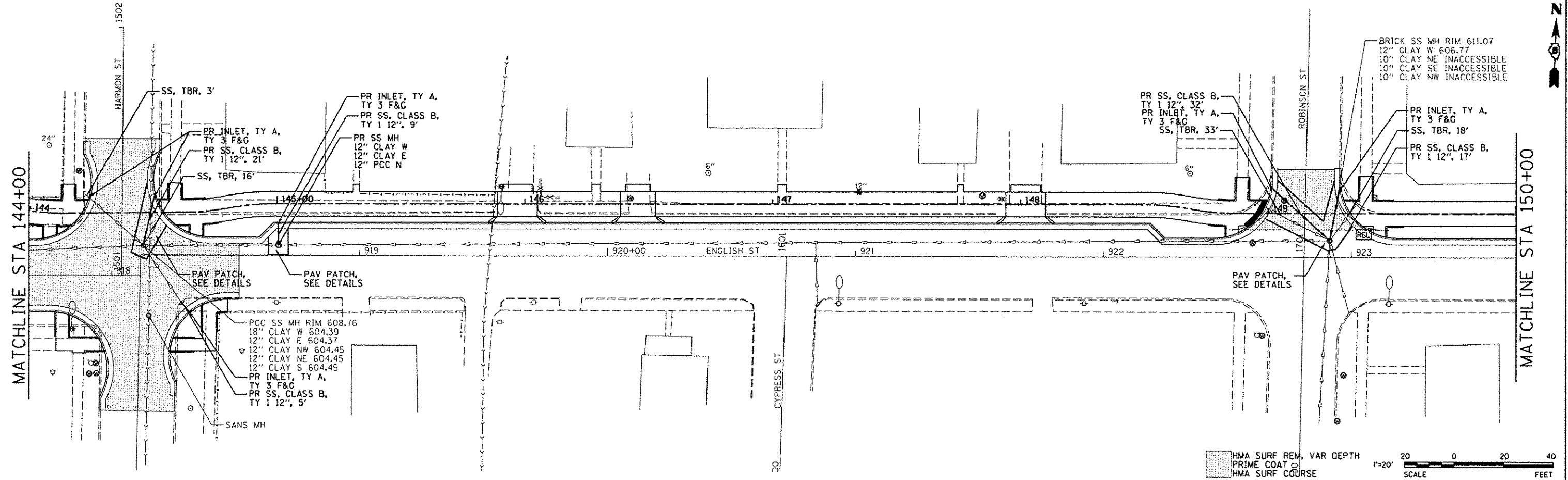
LINCOLN PARK HISTORIC DIST SHARED USE PATH
CITY OF DANVILLE, VERMILION COUNTY

DRAINAGE AND PATCHING PLAN
 STA 122+00 TO STA 132+00
 SHEET 3 OF 7

DRAWING NO.
30
 OF 40

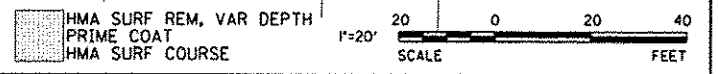
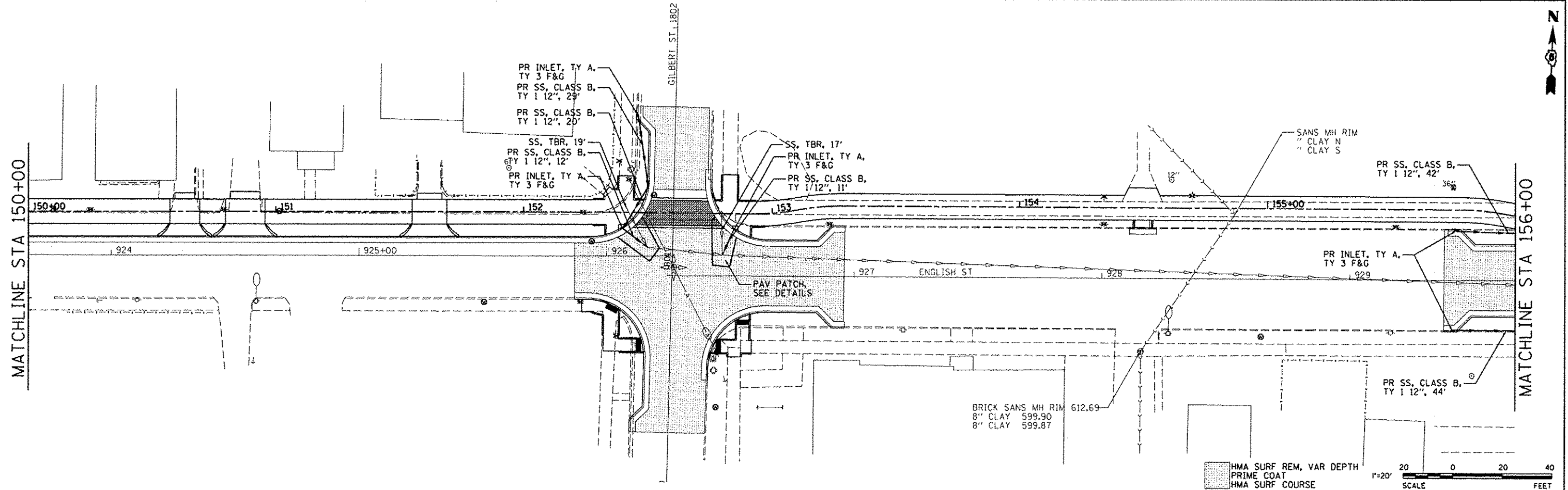
MATCHLINE STA 144+00

MATCHLINE STA 150+00



MATCHLINE STA 150+00

MATCHLINE STA 156+00



PRINTED DATE: 10/10/2012
DRAWN BY: ADG
CHECKED BY: DLCPAT

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CITY OF DANVILLE
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 SUITE A
 DANVILLE, IL 61832

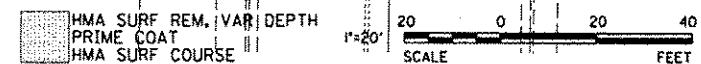
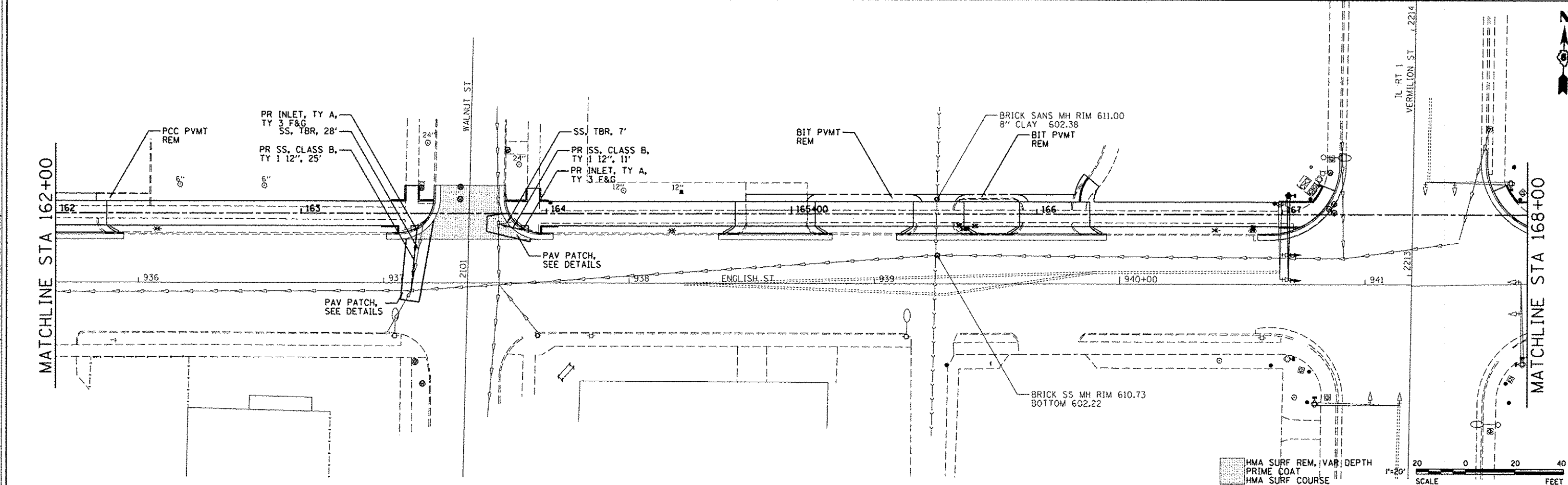
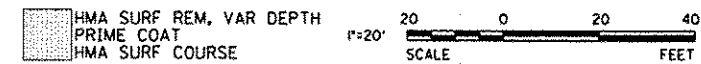
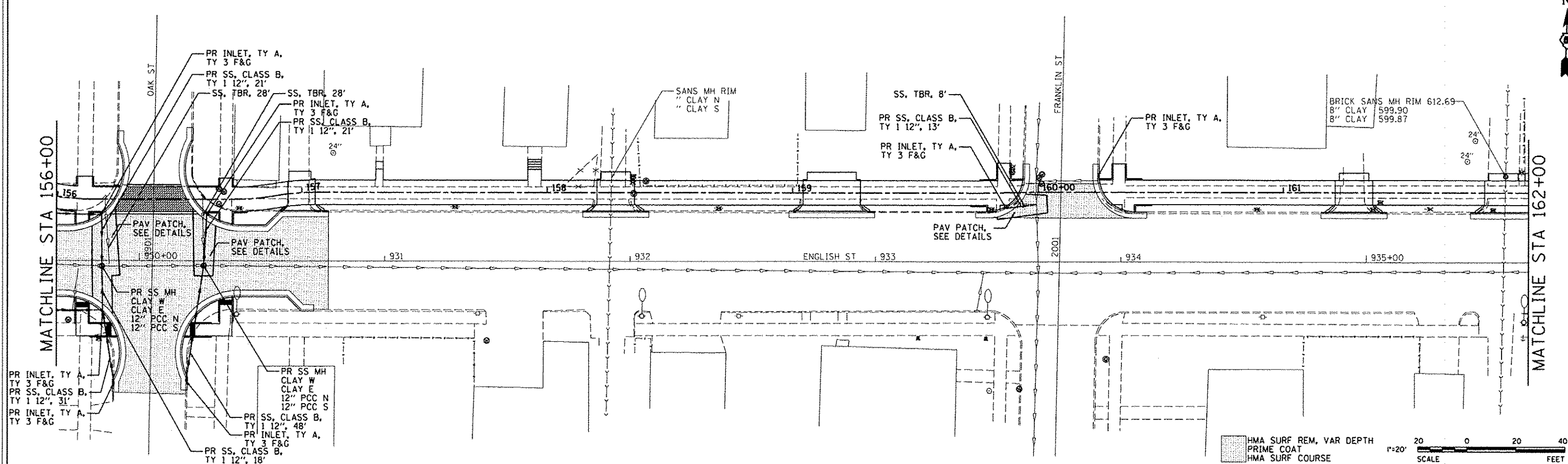
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT
 ENGR: ADG
 ESI PROJECT NO: 07-163-074-01
 DRAWN BY: ADG
 DATE: 10-31-2012
 QCQA: DLCPAT

LINCOLN PARK HISTORIC DIST SHARED USE PATH
CITY OF DANVILLE, VERMILION COUNTY

DRAINAGE AND PATCHING PLAN
 STA 144+00 TO STA 156+00
 SHEET 5 OF 7

DRAWING NO. **32**
 OF 40



PRINTED DATE: 10/30/2012 11:52 AM

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CITY OF DANVILLE
 1155 E. VOORHEES STREET
 SUITE A
 DANVILLE, IL 61832

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT ENGR: ADG
 ESI PROJECT NO: 07-163-074-01 DRAWN BY: ADG
 DATE: 10-31-2012 QC/QA: DLO/PAT

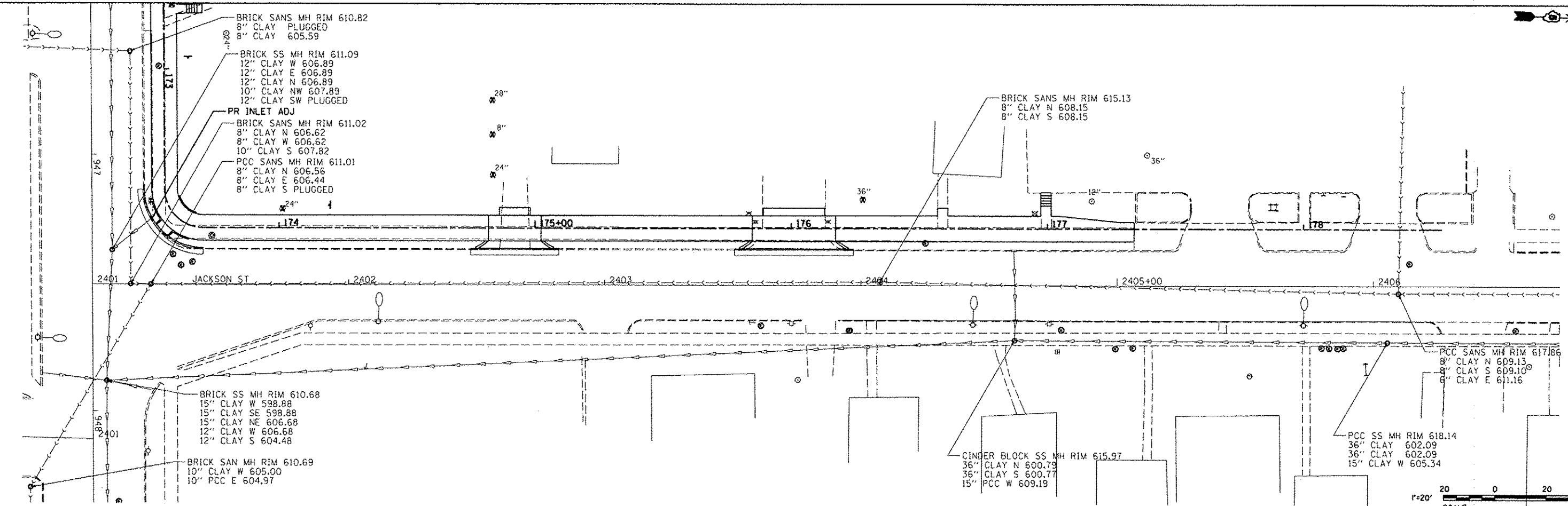
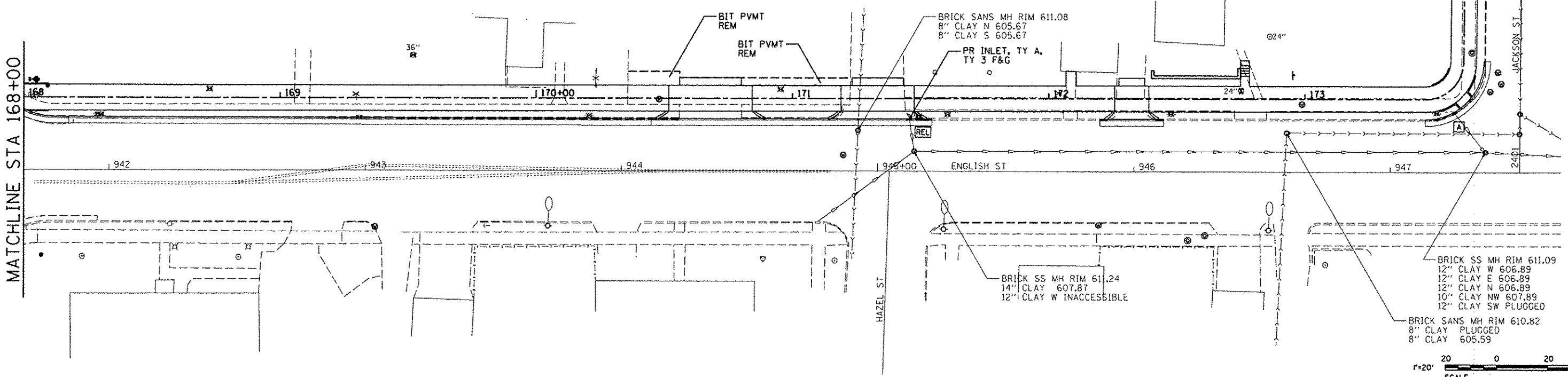
LINCOLN PARK HISTORIC DIST SHARED USE PATH
CITY OF DANVILLE, VERMILION COUNTY

DRAINAGE AND PATCHING PLAN
 STA 156+00 TO STA 168+00
 SHEET 6 OF 7

DRAWING NO. **33**
 OF 40



MATCHLINE STA 168+00



PRINTED DATE: 10/10/2012
C:\p\esi\91476\Drawings\118 - Drain Plan - Drainage\118 - Drain Plan.dwg

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 750 WINDSOR ROAD
 CHARLESTON, IL 61820
 (217) 348-1800
 WWW.ESICONSULTANTS.COM
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CITY OF DANVILLE
 1155 E. VOORHEES STREET
 SUITE A
 DANVILLE, IL 61832

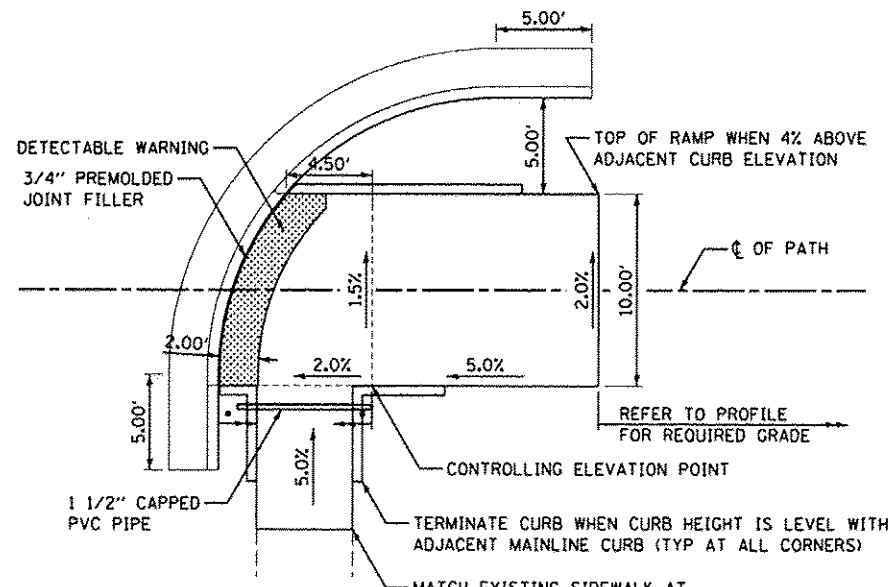
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BY
 ENGR: ADG
 ESI PROJECT NO: 07-163-074-01
 DRAWN BY: ADG
 DATE: 10-31-2012
 CHECKED: DLG/PAT

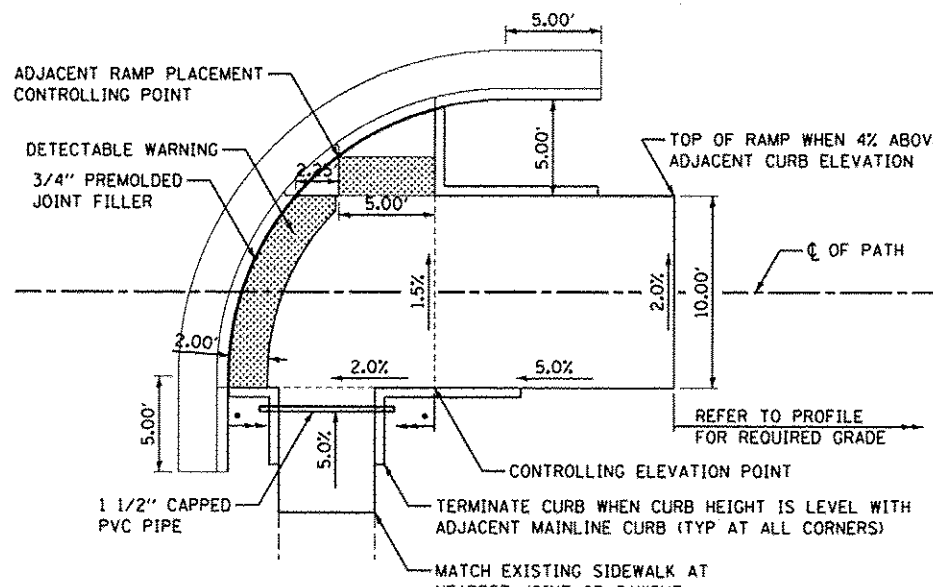
LINCOLN PARK HISTORIC DIST SHARED USE PATH
CITY OF DANVILLE, VERMILION COUNTY

DRAINAGE AND PATCHING PLAN
 STA 168+00 TO STA 178+00
 SHEET 7 OF 7

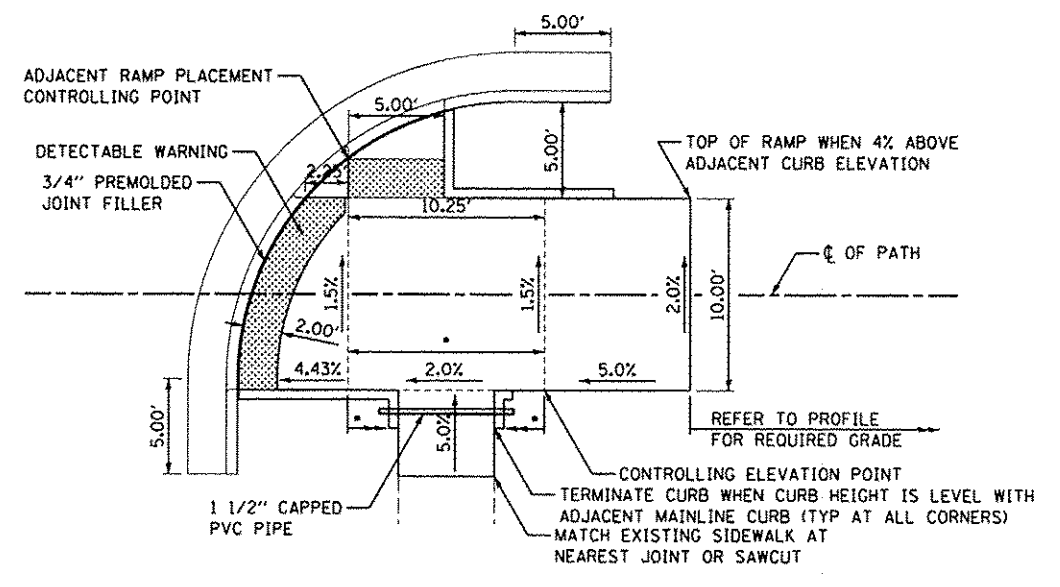
DRAWING NO. **34**
 OF 40



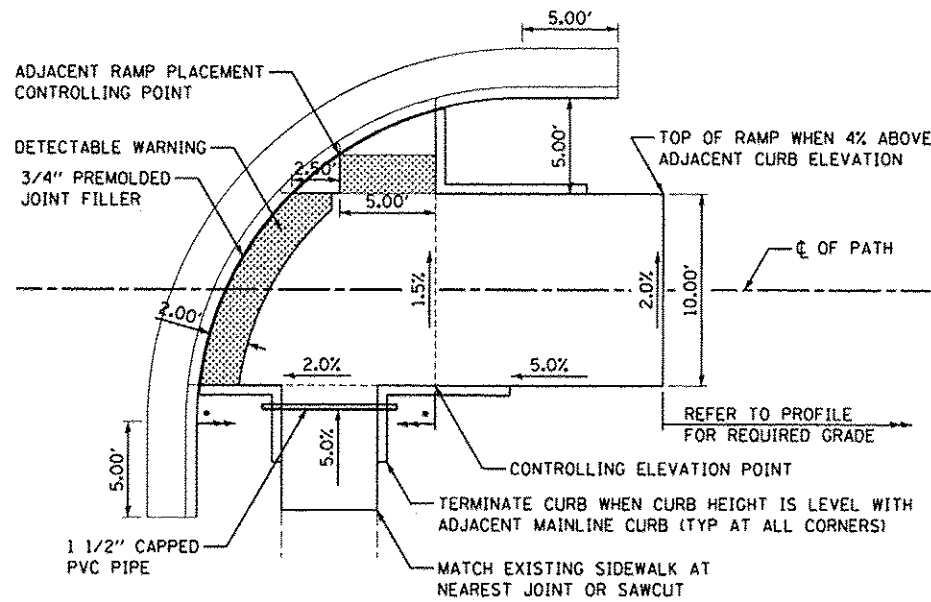
TYPICAL RAMP DETAIL WITH
15' RADI & 5' PATH OFFSET



TYPICAL RAMP DETAIL WITH
15' RADI & 5' PATH OFFSET



TYPICAL RAMP DETAIL WITH
15' RADI & 5' PATH OFFSET



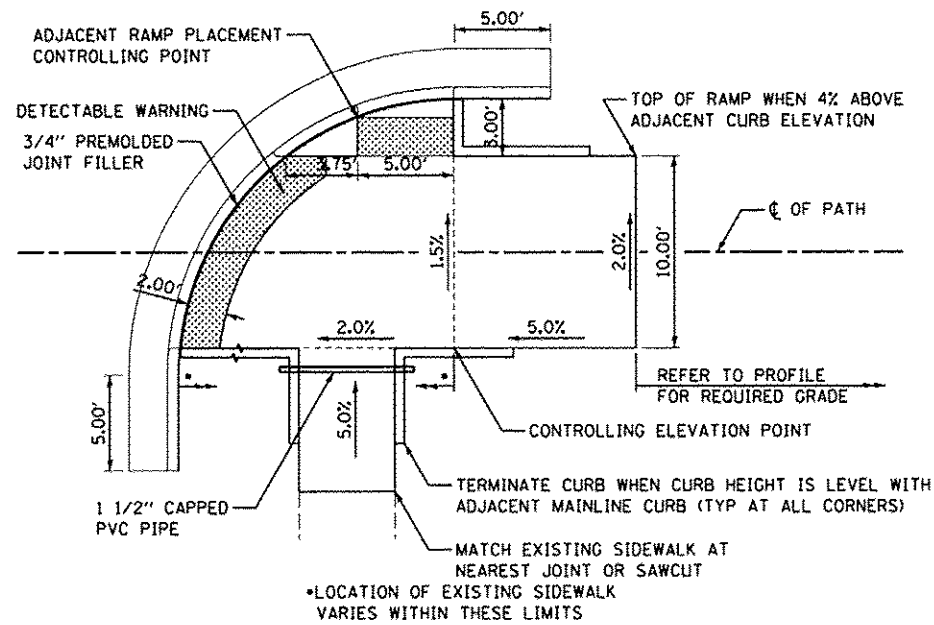
TYPICAL RAMP DETAIL WITH
17.5' RADI & 5' PATH OFFSET

NOTES:

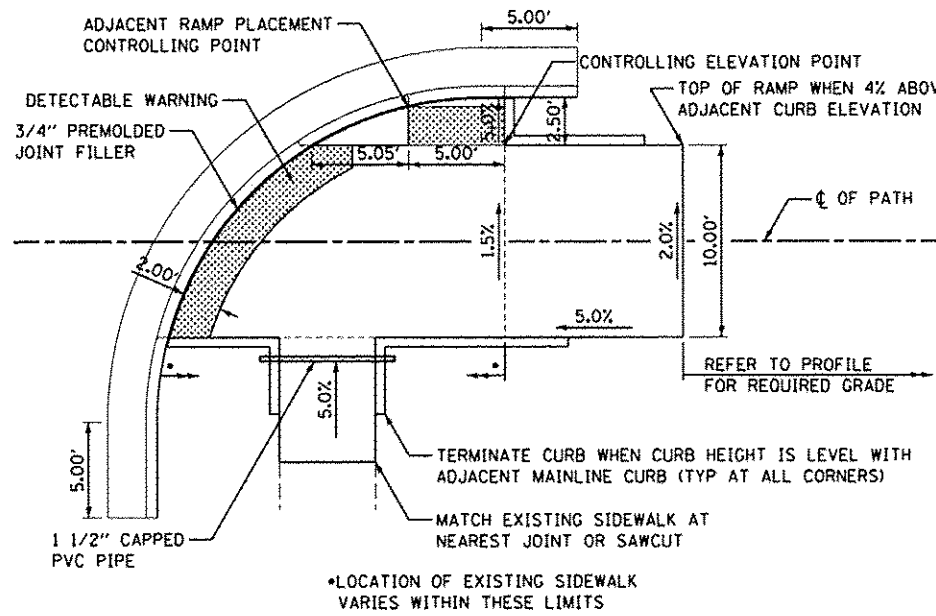
1. MATCH EXISTING CURB AND CUTTER WITH MINIMUM 6" HIGH BARRIER CURB. TRANSITION CURB HEIGHT OVER 2" TO MATCH EXISTING CURB HEIGHT. IF NO EXISTING GUTTER FLAG, PROVIDE A B6-24 COMBINATION CONCRETE CURB AND GUTTER.
2. 3/4" PREMOLDED JOINT FILLER SHALL BE PLACED AT BACK OF CURB WHEN CURB ABUTS SIDEWALKS.
3. MAXIMUM SIDEWALK CROSS SLOPE SHALL BE 2%.
4. MINIMUM SIDEWALK THICKNESS SHALL BE 5".
5. DETECTABLE WARNING SHALL BE BRICK RED.
6. MAXIMUM LONGITUDINAL SIDEWALK SLOPE SHALL BE 5%.
7. 1 1/2" CAPPED PVC PIPE SHALL EXTEND 1' BEYOND AND AT A DEPTH OF 1' BELOW PCC SIDEWALK.

PRINTED DATE: 10/30/2012
 P:\Projects\2012\10-30-2012\Lincoln Park Shared Use Path.dwg
 User: ESI\jls
 Plot: 11/16/12 11:43 AM
 Plot Device: HP DesignJet 5000PSN
 Scale: 1:1
 Title: ADA Ramp Details

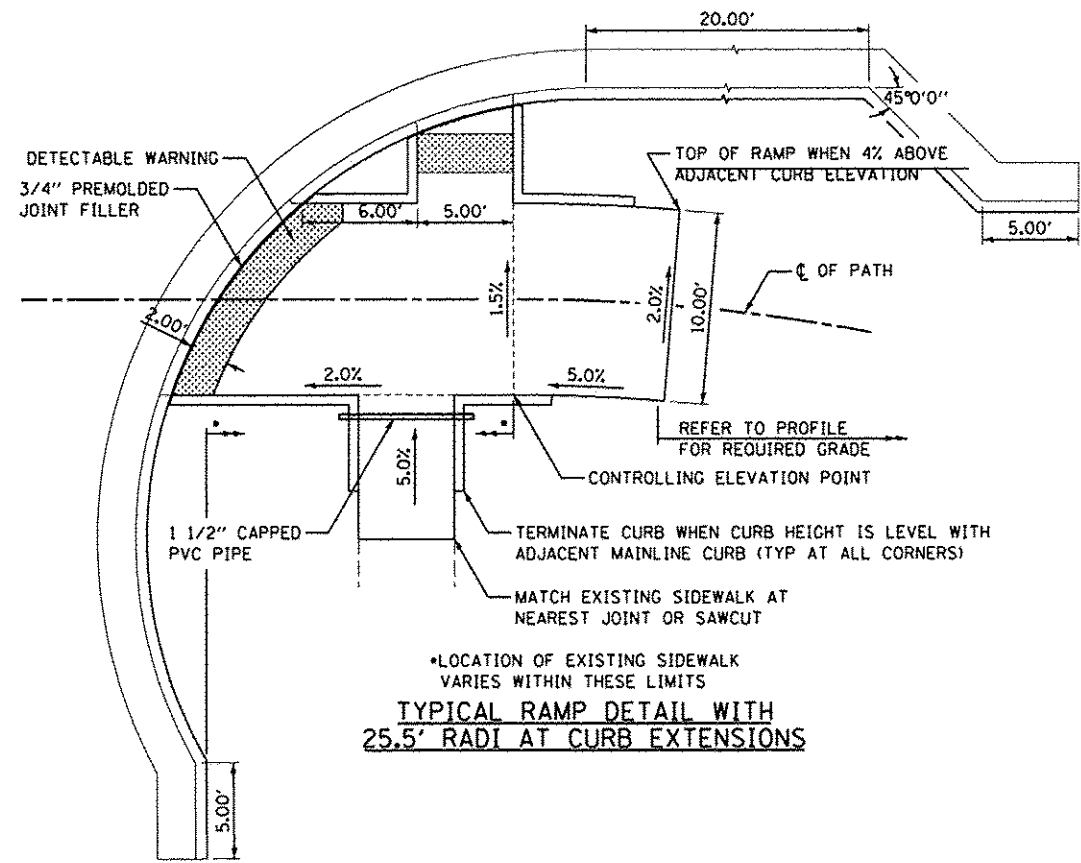
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS



TYPICAL RAMP DETAIL WITH 15' RADI & 3' PATH OFFSET



TYPICAL RAMP DETAIL WITH 17.5' RADI & 2.5' PATH OFFSET



TYPICAL RAMP DETAIL WITH 25.5' RADI AT CURB EXTENSIONS

NOTES:

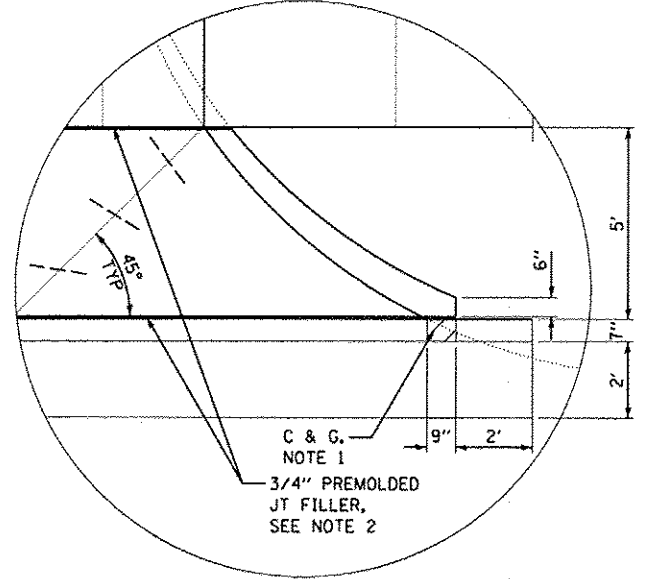
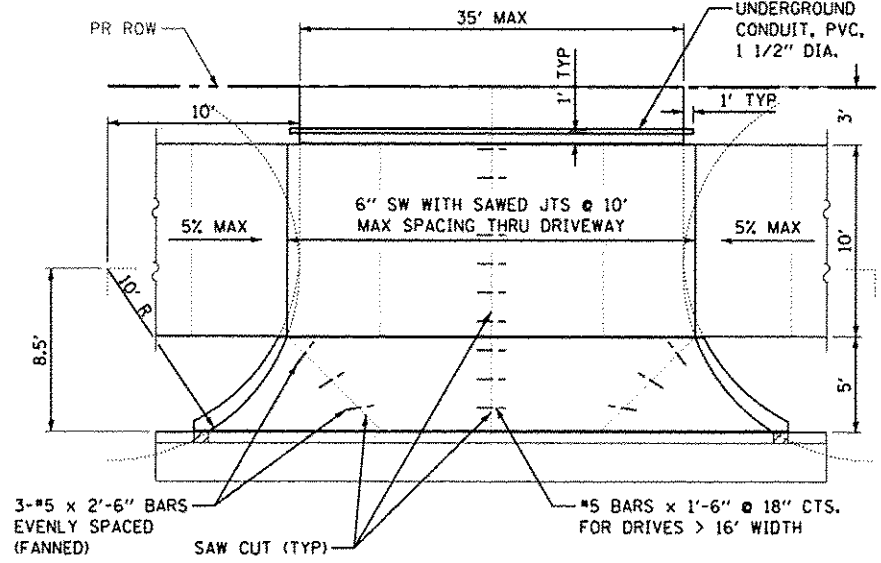
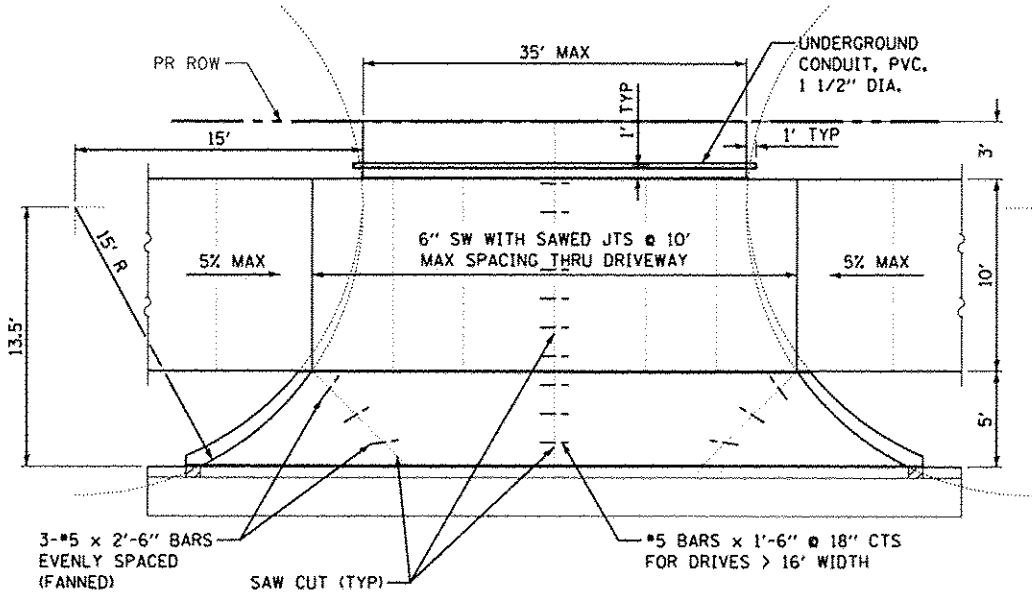
1. MATCH EXISTING CURB AND GUTTER WITH MINIMUM 6" HIGH BARRIER CURB. TRANSITION CURB HEIGHT OVER 2" TO MATCH EXISTING CURB HEIGHT. IF NO EXISTING GUTTER FLAG, PROVIDE A B6-24 COMBINATION CONCRETE CURB AND GUTTER.
2. 3/4" PREMOLDED JOINT FILLER SHALL BE PLACED AT BACK OF CURB WHEN CURB ABUTS SIDEWALKS.
3. MAXIMUM SIDEWALK CROSS SLOPE SHALL BE 2%.
4. MINIMUM SIDEWALK THICKNESS SHALL BE 5".
5. DETECTABLE WARNING SHALL BE BRICK RED.
6. MAXIMUM LONGITUDINAL SIDEWALK SLOPE SHALL BE 5%.
7. 1 1/2" CAPPED PVC PIPE SHALL EXTEND 1' BEYOND AND AT A DEPTH OF 1' BELOW PCC SIDEWALK.

PREPARED DATE: 10/31/2012
 DRAWN BY: ADG
 CHECKED BY: ADG
 APPROVED BY: ADG
 CITY OF DANVILLE, ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #164-003885

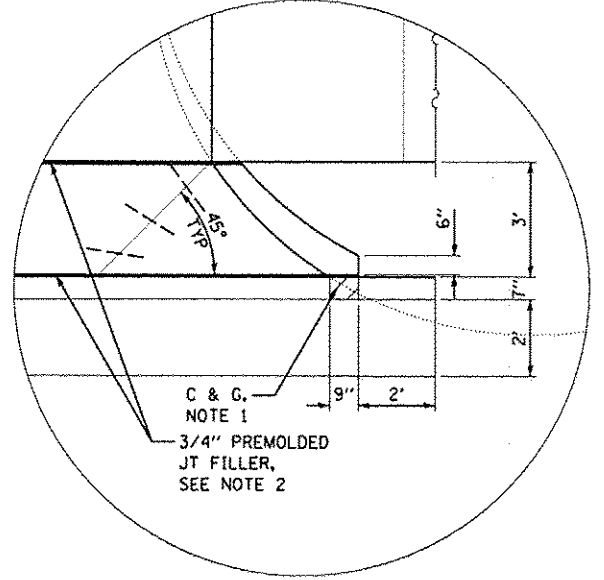
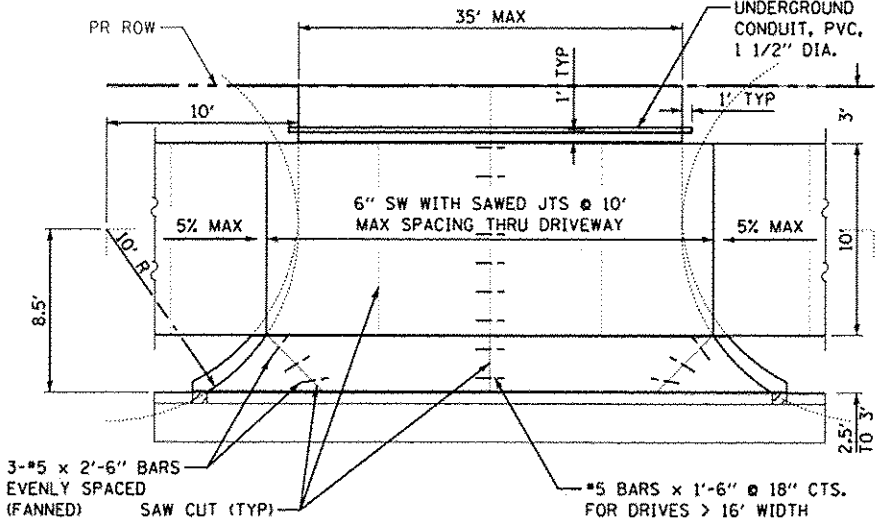
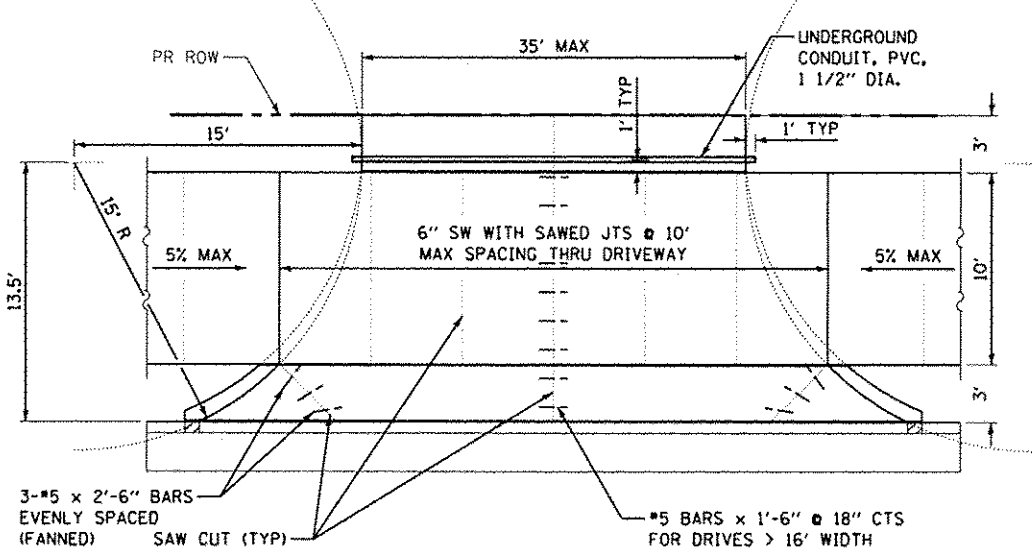
NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS

SECTION NO. 06-00224-00-BT	ENGR: ADG
ESI PROJECT NO: 07-163-074-01	DRAWN BY: ADG
DATE: 10-31-2012	QCQA: DLCPAT

5' OFFSET

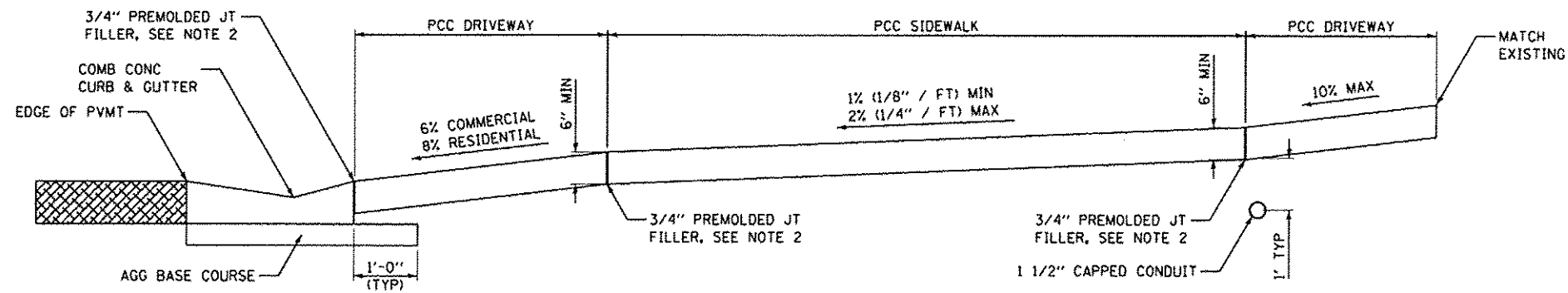


3' OFFSET



TYPICAL COMMERCIAL DRIVEWAY DETAILS

TYPICAL RESIDENTIAL DRIVEWAY DETAILS



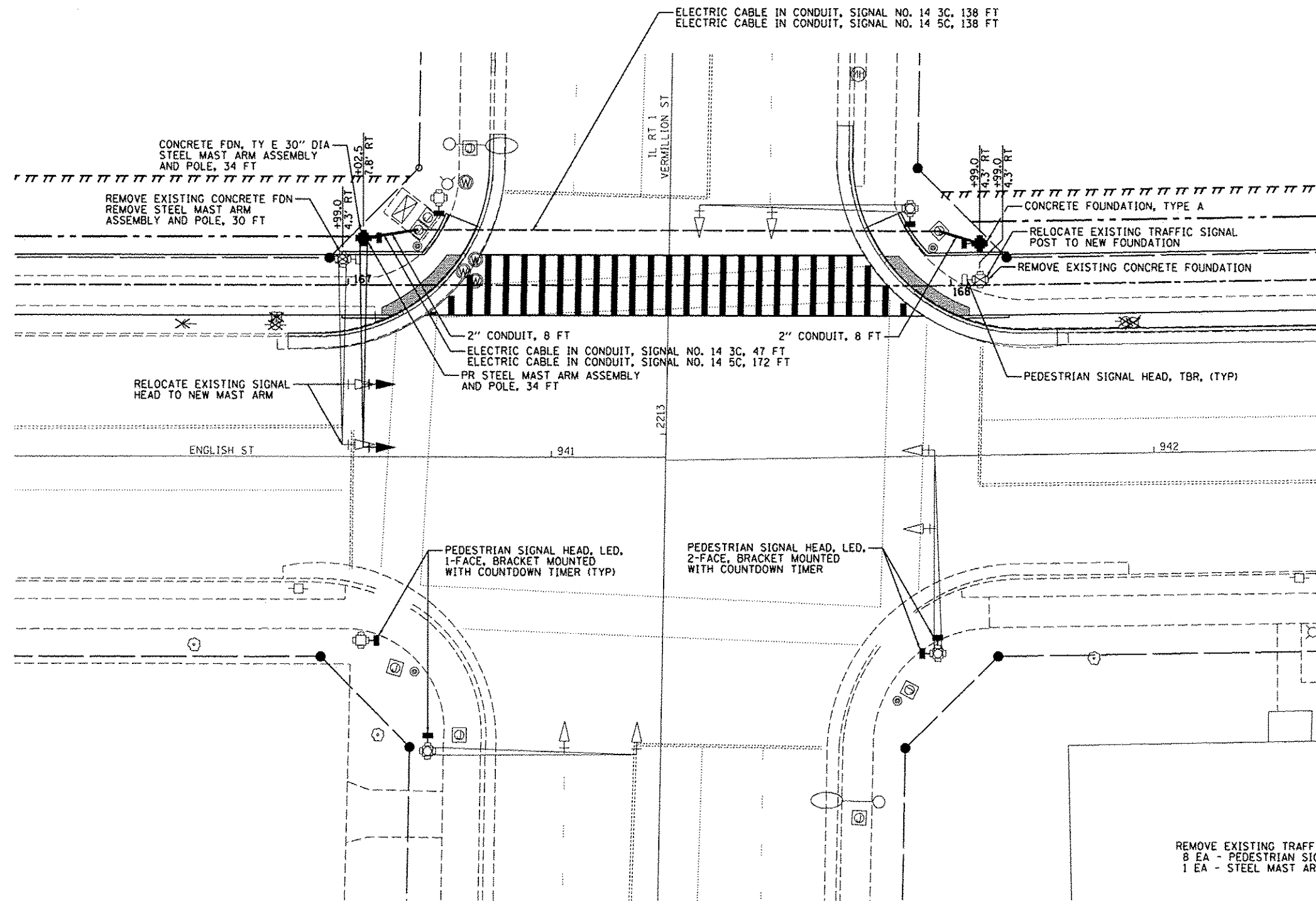
TYPICAL DRIVEWAY CROSS SECTION

NOTES:

1. MATCH EXISTING CURB AND GUTTER WITH MINIMUM 6" HIGH BARRIER CURB. TRANSITION CURB HEIGHT OVER 2" TO MATCH EXISTING CURB HEIGHT. IF NO EXISTING GUTTER FLAG, PROVIDE A B6-24 COMBINATION CONCRETE CURB AND GUTTER.
2. 3/4" PREMOLDED JOINT FILLER SHALL BE PLACED AT BACK OF CURB AND ON BOTH SIDES OF SIDEWALKS THROUGH ALL DRIVEWAYS.
3. MINIMUM SIDEWALK THICKNESS SHALL BE 5".
4. MINIMUM DRIVEWAY THICKNESS SHALL BE 6".
5. MAXIMUM LONGITUDINAL SIDEWALK SLOPE SHALL BE 5%.

PRINTED DATE: 10/31/2012
 PLOT DATE: 10/31/2012
 PLOT TIME: 10:31:11 AM
 PLOT USER: dlp
 PLOT DEVICE: HP DesignJet 5000 Series
 PLOT SCALE: 1:1
 PLOT SHEET: 1 OF 1
 PLOT SHEET COUNT: 1
 PLOT SHEET TOTAL: 1
 PLOT SHEET NAME: DRIVEWAY DETAILS.dwg
 PLOT SHEET NUMBER: 38 OF 40

NO.	DATE	DESCRIPTION OF REVISIONS	NO.	DATE	DESCRIPTION OF REVISIONS



TRAFFIC SIGNAL DETAIL

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
 8 EA - PEDESTRIAN SIGNAL HEADS
 1 EA - STEEL MAST ARM ASSEMBLY AND POLE, 30 FT



PRINTED DATE: 10/29/2012
 PLOT DATE: 10/29/2012
 PLOT TIME: 10:29:12 AM
 PLOT USER: esr
 PLOT DEVICE: HP DesignJet 5000 Series
 PLOT FILE: C:\Users\esr\Documents\Lincoln Park Shared Use Path\Traffic Signal Detail.dwg

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**LINCOLN PARK HISTORIC
 DIST SHARED USE PATH
 CITY OF DANVILLE, VERMILION COUNTY**

TRAFFIC SIGNAL DETAIL