

F.A. RTE. N/A	SECTION 13-00092-00-SW	COUNTY DuPAGE	TOTAL SHEETS 72	SHEET NO. 1
M-4003(186)		ILLINOIS CONTRACT NO. 61C66		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGES OF VILLA PARK AND ADDISON

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

HARVARD AVENUE FROM NORTH AVENUE TO WILDFIRE DRIVE
YALE AVENUE FROM NORTH AVENUE TO ARMITAGE AVENUE
PRINCETON AVENUE FROM TWIN LAKES PARK TO ARMITAGE AVENUE
ARDMORE AVENUE FROM NORTH AVENUE TO ARMITAGE AVENUE
WILDFIRE DRIVE FROM HARVARD AVENUE TO ARDMORE AVENUE
BELDEN AVENUE FROM HARVARD AVENUE TO ARDMORE AVENUE
ARMITAGE AVENUE FROM HARVARD AVENUE TO ARDMORE AVENUE

SECTION: 13-00092-00-SW

PROJECT: M-4003(186)

SIDEWALK IMPROVEMENTS

VILLAGE OF VILLA PARK

DuPAGE COUNTY

C-91-250-13

LOCATION MAP
(NOT TO SCALE)

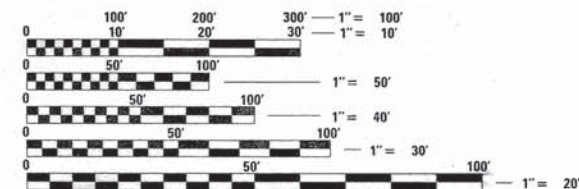


DESIGN DESIGNATION

LOCAL ROADS

TRAFFIC DATA

ADT = <1000 (2012)
POSTED & DESIGN SPEED LIMIT = 25 MPH



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.

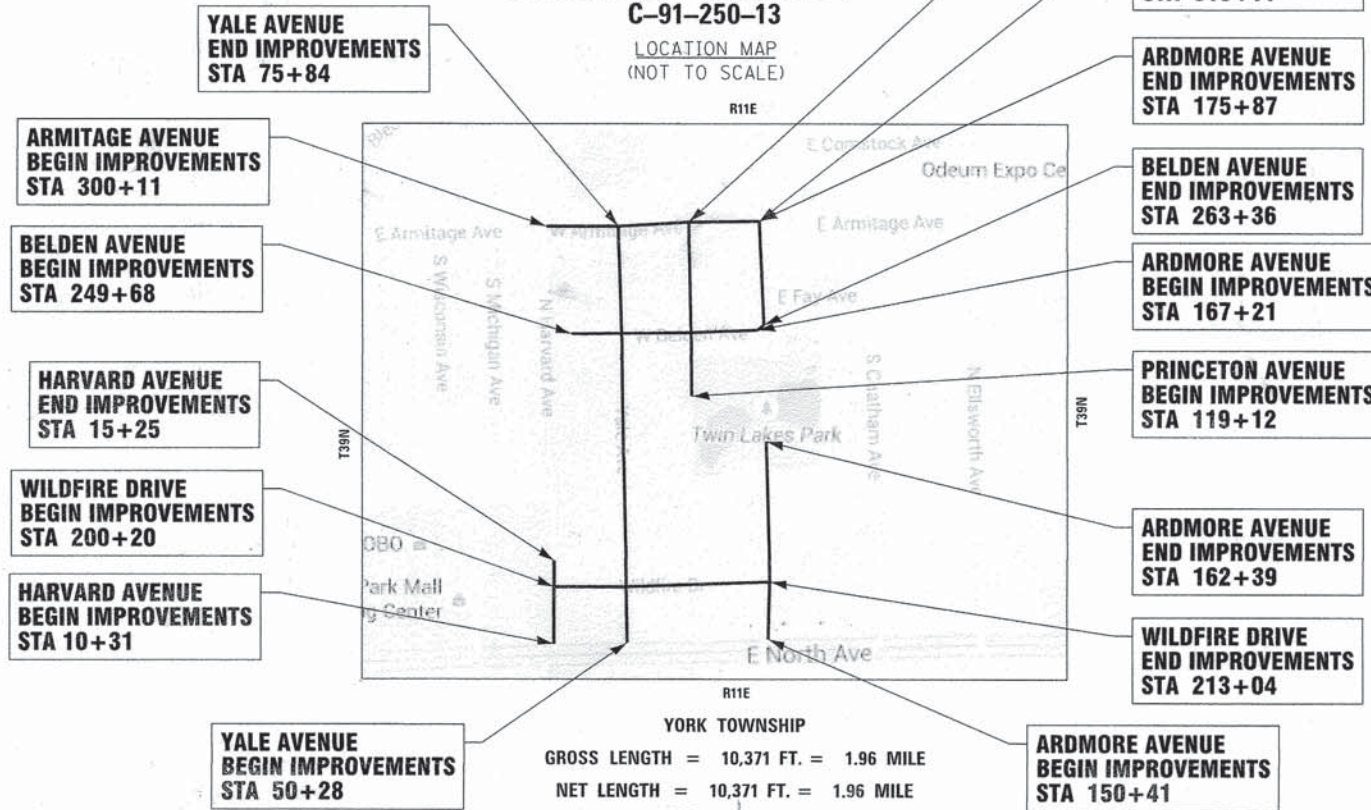
J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. A1501905



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:

COUNTY - DuPAGE
CITY-TWNSHP. = VILLA PARK - YORK
SEC. & 1/4 SEC. NO. = SE 1/4 SECTION 9, N39N, R11E
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 61C66



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED: *Vydas Jankelis* 2/3/16
VILLAGE OF VILLA PARK

PASSED: *C. Hill* FEBRUARY 10, 2016
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID LIMITED REVIEW: *John Ferdinand* February 16, 2016
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E., PTOE (847-705-4021), SCHAUMBURG, IL



GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS REPRESENTS ONLY THE OPINION OF THE ENGINEER AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER AND THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL NOTIFY THE DIRECTOR OF PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
- ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS TEMPORARY ACCESS.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.
- PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES DRIVEWAYS. TRANSVERSE EXPANSION JOINTS 3/4" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5-FEET.
- A 1/2-INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF THE DRIVEWAY APRON AND THE SIDEWALK. THIS WORK WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT.
- THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES.
- ALL POSTS, FENCES, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
- PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES, THE CONTRACTOR SHALL EXCAVATE AND LOCATE THE EXISTING UTILITIES TO VERIFY THEIR LOCATION, SIZE, AND DEPTH TO INSURE THAT GRADE CONFLICTS WILL NOT OCCUR. THE COST OF THIS EXPLORATION SHALL BE PAID FOR AS EXPLORATION TRENCH, SPECIAL IF DETERMINED NECESSARY BY THE ENGINEER. ALL OTHER EXPLORATION WILL BE AT THE CONTRACTOR'S EXPENSE.
- THE COST OF MAKING ANY SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER OR STRUCTURE. ANY ADDITIONAL STORM SEWER PIPE REQUIRED TO MAKE THE CONNECTION SHALL BE OF THE SAME SIZE AND MATERIAL TYPE AS THE EXISTING STORM SEWER. CLAY PIPE AND OTHER SUBSTANDARD MATERIALS AS DETERMINED BY THE ENGINEER WILL NOT BE REPLACED IN KIND BUT SHALL BE REPLACED WITH SUITABLE MATERIALS. THIS WORK AND THE NECESSARY MATERIALS SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE.
- IF ANY STORM SEWER LATERALS ARE FOUND DURING CONSTRUCTION AND ARE NOT IDENTIFIED ON THE PLANS, THEY SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM AND INCLUDED IN THE COST OF THE STORM SEWER CONSTRUCTION.
- STORM STRUCTURE OFFSET LOCATIONS ARE TO THE EDGE OF PAVEMENT IF THE STRUCTURE IS IN THE CURB LINE OR TO THE CENTER OF STRUCTURE IF THE STRUCTURE IS NOT IN THE CURBLINE.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF COST OF THE STRUCTURE.
- EXISTING GROUND CONTOURS AND ELEVATIONS WERE DETERMINED FROM AVAILABLE PLANS AND FIELD SURVEYS. AS DIRECTED BY THE ENGINEER, PROPOSED GROUND ELEVATIONS MAY BE REVISED TO MEET FIELD CONDITIONS.
- THE DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SHOWN ON THE PLANS SHALL BE MODIFIED TO INCLUDE THE FOLLOWING: THE WORK SHALL INCLUDE SAW-CUTTING AND REMOVING THE EXISTING PAVEMENT A MINIMUM OF 6-INCHES MEASURED FROM THE EXISTING EDGE OF PAVEMENT, AND FILLING THE 6" GAP WITH CLASS SI CONCRETE TO AN ELEVATION 2-1/2" FROM THE GUTTER FLAG. THE CONTRACTOR WILL BE REQUIRED TO GRIND ADDITIONAL CONCRETE TO THE REQUIRED 2-1/2" DEPTH. THIS WORK IS INCLUDED IN THE COST OF THE APPLICABLE CURB AND GUTTER PAY ITEMS.

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
542401-02	METAL END SECTION FOR PIPE CULVERTS
602301-04	INLET - TYPE A
604036-03	GRATE TYPE B
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
3 - 4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS
6 - 7	SCHEDULE OF QUANTITIES
8	PLAN AND PROFILE - HARVARD AVENUE
9 - 13	PLAN AND PROFILE - YALE AVENUE
14 - 15	PLAN AND PROFILE - N PRINCETON AVENUE
16 - 20	PLAN AND PROFILE - ARDMORE AVENUE
21 - 23	PLAN AND PROFILE - WILDFIRE DRIVE
24 - 26	PLAN AND PROFILE - BELDEN AVENUE
27 - 29	PLAN AND PROFILE - ARMITAGE AVENUE
30	EROSION CONTROL NOTES
31	EROSION CONTROL - HARVARD AVENUE
32 - 34	EROSION CONTROL - YALE AVENUE
35	EROSION CONTROL - N PRINCETON AVENUE
36 - 38	EROSION CONTROL - ARDMORE AVENUE
39 - 40	EROSION CONTROL - WILDFIRE DRIVE
41 - 42	EROSION CONTROL - BELDEN AVENUE
43 - 44	EROSION CONTROL - ARMITAGE AVENUE
45 - 47	MISCELLANEOUS DETAILS
48	(BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
49	(BD-36) FIRE HYDRANT TO BE MOVED
50	(TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
51	(TC-13) DISTRICT ONE TYPICAL PAVEMENT MARKINGS
52	(TC-22) ARTERIAL ROAD INFORMATION SIGN
53	CROSS SECTIONS - HARVARD AVENUE
54 - 60	CROSS SECTIONS - YALE AVENUE
61 - 62	CROSS SECTIONS - PRINCETON AVENUE
63 - 65	CROSS SECTIONS - ARDMORE AVENUE
66 - 67	CROSS SECTIONS - WILDFIRE DRIVE
68 - 70	CROSS SECTIONS - BELDEN AVENUE
71 - 72	CROSS SECTIONS - ARMITAGE AVENUE

BENCHMARKS

BM #1	NORTHEAST EDGE OF PAVEMENT AT YALE AVENUE AND WILDFIRE DRIVE STA 204+71, 9.5' LT EL = 685.20 NGVD29 DATUM
BM #2	SIDEWALK ON WEST SIDE OF HARVARD AVENUE STA 21+36, 28' LT EL = 684.68± NGVD29 DATUM
BM #3	STORM MANHOLE AT INTERSECTION OF HARVARD AVENUE AND ARMITAGE AVENUE STA 36+03, 1' RT EL = 683.43 NGVD29 DATUM
BM #4	SANITARY MANHOLE AT INTERSECTION OF ARMITAGE AVENUE AND PRINCETON AVENUE STA 309+03, 21.5' RT EL = 686.33 NGVD29 DATUM
BM #5	SOUTHEAST EDGE OF PAVEMENT AT ARMITAGE AVENUE AND ARDMORE AVENUE STA 313+43, 22' RT EL = 685.98 NGVD29 DATUM
BM #7	SOUTHEAST EDGE OF PAVEMENT AT WILDFIRE DRIVE AND PRINCETON AVENUE STA 209+00, 17' RT EL = 682.73 NGVD29 DATUM

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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**INDEX OF SHEETS, HIGHWAY STANDARDS
AND GENERAL NOTES**

SCALE: NONE

STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	2
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003186J				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION TYPE CODE 0021
20101100	TREE TRUNK PROTECTION	EACH	78	78
* 20101200	TREE ROOT PRUNING	EACH	35	35
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	23	23
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	43	43
* 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	179	179
* 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	179	179
* 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	179	179
* 20101700	SUPPLEMENTAL WATERING	UNIT	216	216
20200100	EARTH EXCAVATION	CU YD	2068	2068
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2073	2073
# 20800150	TRENCH BACKFILL	CU YD	106	106
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	14150	14150
# 21400100	GRADING AND SHAPING DITCHES	FOOT	4195	4195
* 25200100	SODDING	SQ YD	14150	14150
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	296	296

* INDICATES SPECIALTY ITEM
INDICATES SPECIAL PROVISION

SUMMARY OF QUANTITIES				
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION TYPE CODE 0021
28000305	TEMPORARY DITCH CHECKS	FOOT	540	540
28000510	INLET FILTERS	EACH	33	33
# 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	154	154
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	8188	8188
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2263	2263
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	239	239
* 40800025	BITUMINOUS MATERIALS (TACK COAT)	POUND	35	35
* 40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	14	14
42001300	PROTECTIVE COAT	SQ YD	8247	8247
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	182	182
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	120	120
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	72017	72017
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1888	1888
42400800	DETECTABLE WARNINGS	SQ FT	640	640
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2342	2342
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	97	97

* INDICATES SPECIALTY ITEM
INDICATES SPECIAL PROVISION

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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: NONE STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	3
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION TYPE CODE 0021
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	97	97
44000600	SIDEWALK REMOVAL	SQ FT	2251	2251
50105220	PIPE CULVERT REMOVAL	FOOT	553	553
# 542A0215	PIPE CULVERTS, CLASS A, TYPE 1 10"	FOOT	1005	1005
# 542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	30	30
# 542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	74	74
54215545	METAL END SECTIONS 10"	EACH	59	59
54215550	METAL END SECTIONS 15"	EACH	1	1
* # 56400200	FIRE HYDRANTS TO BE MOVED (SPECIAL)	EACH	1	1
# 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	61	61
60100905	PIPE DRAINS 4"	FOOT	220	220
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	8	8
60250200	CATCH BASINS TO BE ADJUSTED	EACH	11	11
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	11	11
60500050	REMOVING CATCH BASINS	EACH	1	1

* INDICATES SPECIALTY ITEM
INDICATES SPECIAL PROVISION

SUMMARY OF QUANTITIES				
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL	CONSTRUCTION TYPE CODE 0021
* # 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10	10
* # 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
# X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	170	170
# X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	27	27
# X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	8
# X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7	7
# Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	156	156
* # Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	1468	1468
* # Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	97	97
# Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	182	182
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1693	1693
# Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1

* INDICATES SPECIALTY ITEM
INDICATES SPECIAL PROVISION

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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	4
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(186)				

EXISTING TYPICAL SECTION

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE SHOULDER
- (C) CURB AND GUTTER
- (D) GROUND SURFACE
- (E) DRIVEWAY PAVEMENT
- (F) EARTH EXCAVATION
- (G) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SEE NOTE)
- (H) DRIVEWAY PAVEMENT REMOVAL
- (I) GRADING AND SHAPING DITCHES (AS DETERMINED BY THE ENGINEER)

PROPOSED TYPICAL SECTION

- ① AGGREGATE BASE COURSE, TYPE B, 4"
- ② AGGREGATE SUBGRADE IMPROVEMENT (SEE NOTE)
- ③ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ④ TOPSOIL FURNISH AND PLACE, 4"
- SODDING
- ⑤ DRIVEWAY PAVEMENT (SEE MISCELLANEOUS DETAILS)
- ⑥ AGGREGATE BASE COURSE (SEE MISCELLANEOUS DETAILS)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

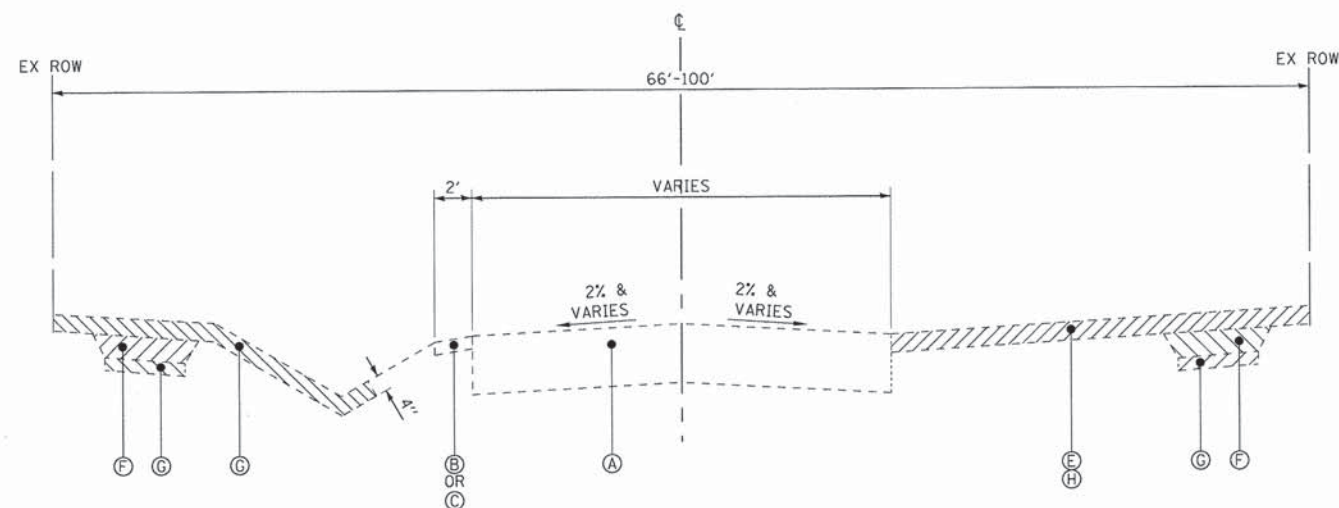
MIXTURE TYPE	AIR VOIDS @ Ndes	NO. OF LIFTS
DRIVEWAY PAVEMENT		
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"		
HMA SURFACE COURSE, MIX "D", N50, 4"	4% @ 50 Gyr.	2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"		
HMA SURFACE COURSE, MIX "D", N50, 6"	4% @ 50 Gyr.	3
INCIDENTAL HOT-MIX ASPHALT SURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5MM), 2-1/2"	4% @ 50 Gyr.	2

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

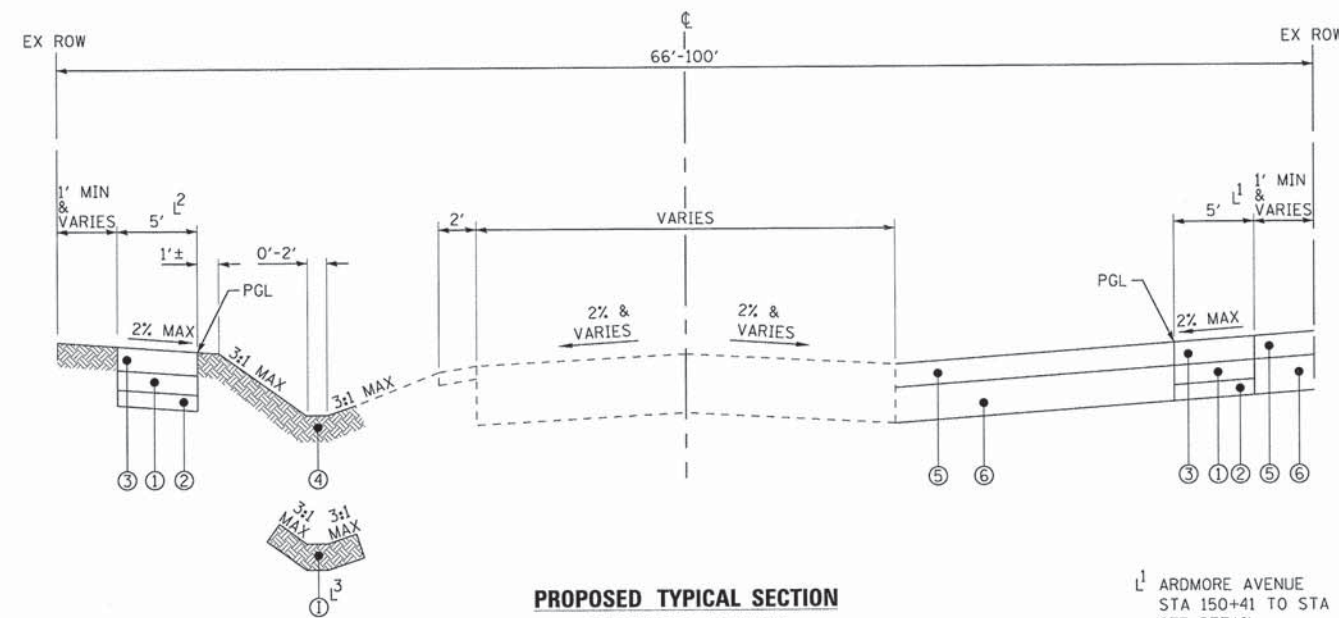
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.

NOTE:
ADDITIONAL AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT OR EMBANKMENT AS DETERMINED BY THE ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR. A QUANTITY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL SHALL ALSO BE DEDUCTED WITH NO ADDITIONAL COMPENSATION DUE THE CONTRACTOR.



EXISTING TYPICAL SECTION
 HARVARD AVENUE
 YALE AVENUE
 PRINCETON AVENUE
 WILDFIRE AVENUE
 BELDEN AVENUE
 ARMITAGE AVENUE



PROPOSED TYPICAL SECTION
 HARVARD AVENUE
 YALE AVENUE
 PRINCETON AVENUE
 WILDFIRE AVENUE
 BELDEN AVENUE
 ARMITAGE AVENUE

- ¹ ARDMORE AVENUE
STA 150+41 TO STA 158+50
SEE DETAIL
- ² WILDFIRE AVENUE
STA 201+00 TO STA 201+50
SEE DETAIL
- ³ SEE GRADING AND SHAPING
DITCHES SCHEDULE FOR
LOCATIONS

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 LICENSE NO. - 184-001222 - EXPIRES 06/30/2016
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DRAWN - KAR	REVISED -
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DATE - 01/25/16	FILE - 150215sw-SH.TypSec.dgn

**VILLAGE OF VILLA PARK, ILLINOIS
 TWIN LAKES SIDEWALK IMPROVEMENTS**

TYPICAL SECTIONS

SCALE: NONE

STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	5
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				

DRAINAGE PIPE SCHEDULE

PIPE NO.	UPSTREAM			DOWNSTREAM			LENGTH FT	SLOPE %	PIPE TYPE (SHALL BE DUCTILE IRON)	TRENCH BACKFILL CU YD
	STA.	OFFSET	INVERT	STA.	OFFSET	INVERT				
YALE AVENUE										
PY1-1	52+75	19' RT	683.33	53+50	19' RT	682.08	74	1.69%	PIPE CULVERTS, CLASS A, TYPE 1 15"	6.7
PY1-2	53+54	41' RT	684.18	53+50	19' RT	682.08	21	10.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PY1-3	53+35	21' LT	683.16	53+52	21' LT	680.95	17	13.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PY1-4	53+54	39' LT	682.99	53+52	21' LT	680.95	17	12.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PY1-5	53+97	38' LT	682.92	54+05	18' LT	681.52	20	7.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PY1-6	54+18	20' LT	683.08	54+05	18' LT	681.52	13	12.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PY1-7	53+94	40' RT	684.33	54+03	23' RT	681.99	18	13.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PY1-8	54+16	22' RT	682.05	54+03	23' RT	681.99	12	0.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.6
YALE AVENUE										
PY2-1	57+12	19' RT	678.95	57+34	19' RT	678.62	22	1.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	2.9
PY2-2	57+51	17' LT	677.25	57+73	17' LT	677.14	22	0.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	2.6
PY2-3	57+56	19' RT	677.85	58+36	19' RT	675.70	80	2.69%	PIPE CULVERTS, CLASS A, TYPE 1 10"	7.4
PY2-4	58+27	17' LT	675.79	58+46	17' LT	675.69	20	0.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	2.3
PY2-5	58+93	17' LT	675.00	59+13	17' LT	674.90	20	0.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	2.4
PY2-6	59+05	19' RT	674.95	59+31	19' RT	674.69	26	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.2
PY2-7	60+00	19' RT	674.02	60+27	19' RT	673.75	27	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.6
YALE AVENUE										
PY3-1	63+52	17' LT	674.5	63+33	20' LT	674.3	20	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PY3-2	65+29	18' RT	676.7	65+09	18' RT	676.5	20	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	2.3
PY3-3	67+25	18' LT	682.24	67+03	18' LT	682.02	22	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	2.9
YALE AVENUE										
PY4-1	70+57	17' RT	682.65	70+29	18' RT	682.24	28	1.46%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.6
PY4-2	71+75	14' RT	684.38	71+28	15' RT	683.68	48	1.46%	PIPE CULVERTS, CLASS A, TYPE 1 10"	2.5
PY4-3	73+10	17' RT	686.54	72+56	17' RT	686.00	54	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	6.8
PRINCETON AVENUE										
PP2-1	125+85	22' LT	685.26	125+67	20' LT	685.17	36	0.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
ARDMORE AVENUE										
P-ARD1-1	151+65	31' LT	676.35	151+65	23' LT	676.29	6	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	0.8
WILDFIRE DRIVE										
PW1-1	201+65	17' LT	691.46	201+90	17' LT	690.5	24	4.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.2
PW1-2	203+00	17' LT	685.17	203+25	17' LT	684.3	25	3.48%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.3
WILDFIRE DRIVE										
PW2-1	208+57	35' LT	681.2	208+55	18' LT	677.68	16	22.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PW2-2	208+94	35' LT	680.09	208+99	19' LT	677.53	16	16.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PW2-3	209+16	17' LT	680.93	208+99	19' LT	677.53	17	20.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
BELDEN AVENUE										
PB1-1	253+06	18' RT	682.6	253+34	18' RT	682.32	28	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.4
PB1-2	253+09	15' LT	682.68	253+37	15' LT	682.4	28	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.5
PB1-3	254+16	19' LT	681.25	254+34	21' LT	681.16	15	0.60%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PB1-4	254+34	40' LT	681.25	254+34	21' LT	681.16	17	0.53%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PB1-5	254+15	19' RT	681.69	254+32	19' RT	681.37	16	2.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PB1-6	254+37	37' RT	681.55	254+32	19' RT	681.37	18	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PB1-7	254+73	36' RT	681.75	254+93	17' RT	681.6	27	0.56%	PIPE CULVERTS, CLASS A, TYPE 1 10"	2.0
PB1-8	254+74	37' LT	681.58	254+77	22' LT	680.95	14	4.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PB1-9	254+92	19' LT	680.95	254+77	22' LT	680.86	15	0.60%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
BELDEN AVENUE										
PB2-1	258+36	18' LT	676.79	258+49	18' LT	675.69	11	10.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	0.0
PB2-2	258+61	47' LT	677.37	258+49	18' LT	675.69	30	5.60%	PIPE CULVERTS, CLASS A, TYPE 1 12"	2.6
PB2-3	259+00	45' LT	677.88	259+19	15' LT	675.75	33	6.45%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.9
PB2-4	259+29	15' LT	676.56	259+19	15' LT	675.75	9	9.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	0.0
PB2-5	259+20	16' RT	676.43	259+12	16' RT	675.59	7	12.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	0.0
PB2-7	260+97	21' RT	678.09	260+97	32' RT	678.04	10	0.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
BELDEN AVENUE										
PB3-1	262+92	16' LT	680.81	262+70	15' LT	680.7	22	0.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	1.2
PB3-2	261+76	15' LT	679.1	261+44	15' LT	678.94	32	0.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.4
ARMITAGE AVENUE										
P-ARM1-1	303+35	27' RT	688.29	303+07	28' RT	687.87	28	1.50%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.5
ARMITAGE AVENUE										
P-ARM2-1	307+84	19' RT	685.8	308+10	19' RT	685.54	26	1.00%	PIPE CULVERTS, CLASS A, TYPE 1 10"	3.1

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS		
YALE AVENUE							
SY1-1	54+16	22' RT	INLETS, TYPE A, TYPE 8 GRATE	685.20	682.05 10" S		
SY1-2	53+50	20' RT	EXISTING CATCH BASIN TO BE ADJUSTED		682.08 15" S	682.08 10" E	682.08 12" NW (EX)
SY1-3	53+53	22' LT	EXISTING CATCH BASIN TO BE ADJUSTED		680.95 10" S	680.95 10" W	680.95 12" NE (EX)
SY1-4	54+05	18' LT	EXISTING CATCH BASIN TO BE ADJUSTED		681.52 10" SW	681.52 10" N	681.52 12" SE (EX)
SY1-5	54+03	23' RT	EXISTING CATCH BASIN TO BE ADJUSTED		681.99 10" SE	681.99 10" N	681.99 10" S (EX)
ARDMORE AVENUE							
S-ARD1-1	151+65	31' LT	INLETS, TYPE A, TYPE 8 GRATE	678.89	676.35 12" E		
S-ARD1-2	151+65	23' LT	EXISTING CATCH BASIN		676.29 10" W	676.29 12" N (EX)	
WILDFIRE AVENUE							
SW2-1	208+55	18' LT	EXISTING CATCH BASIN		677.68 10" N	677.68 12" SE (EX)	
SW2-2	208+99	19' LT	INLETS, TYPE A, TYPE 8 GRATE	681.50	677.53 10" N	677.53 10" SE	677.53 12" SW (EX)
BELDEN AVENUE							
SB1-1	254+32	19' RT	INLETS, TYPE A, TYPE 8 GRATE	683.37	681.37 10" S	681.37 10" E	681.37 12" W (EX)
SB1-2	254+77	22' LT	INLETS, TYPE A, TYPE 8 GRATE	682.95	680.95 10" W	680.95 10" N	680.95 12" S (EX)
BELDEN AVENUE							
SB2-1	258+48	17' LT	INLETS, TYPE A, TYPE 8 GRATE	678.19	675.69 10" S	675.69 12" NW	675.69 12" E (EX)
SB2-3	259+19	15' LT	INLETS, TYPE A, TYPE 8 GRATE	677.75	675.75 10" W	675.75 10" N	675.75 12" E (EX)
SB2-4	259+12	16' RT	INLETS, TYPE A, TYPE 8 GRATE	677.59	675.59 10" N	675.59 12" W (EX)	675.59 12" E (EX)

EARTHWORK

LOCATION	UNDERCUT (CU YD)	UNSUITABLE EXCAVATION (TOPSOIL) (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	TOTAL SUITABLE EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
HARVARD AVE	4	42	47	32	32	28	2	26
YALE AVE	45	680	725	672	672	572	111	461
PRINCETON AVE	11	176	188	231	231	196	4	192
ARDMORE AVE	34	312	347	466	466	396	7	389
WILDFIRE DRIVE	11	196	208	258	258	220	28	192
BELDEN AVE	22	386	408	300	300	255	83	172
ARMITAGE AVE	10	139	150	109	109	93	4	89
TOTAL	137	1,931	2,073	2,068	2,068	1,760	238	1,522

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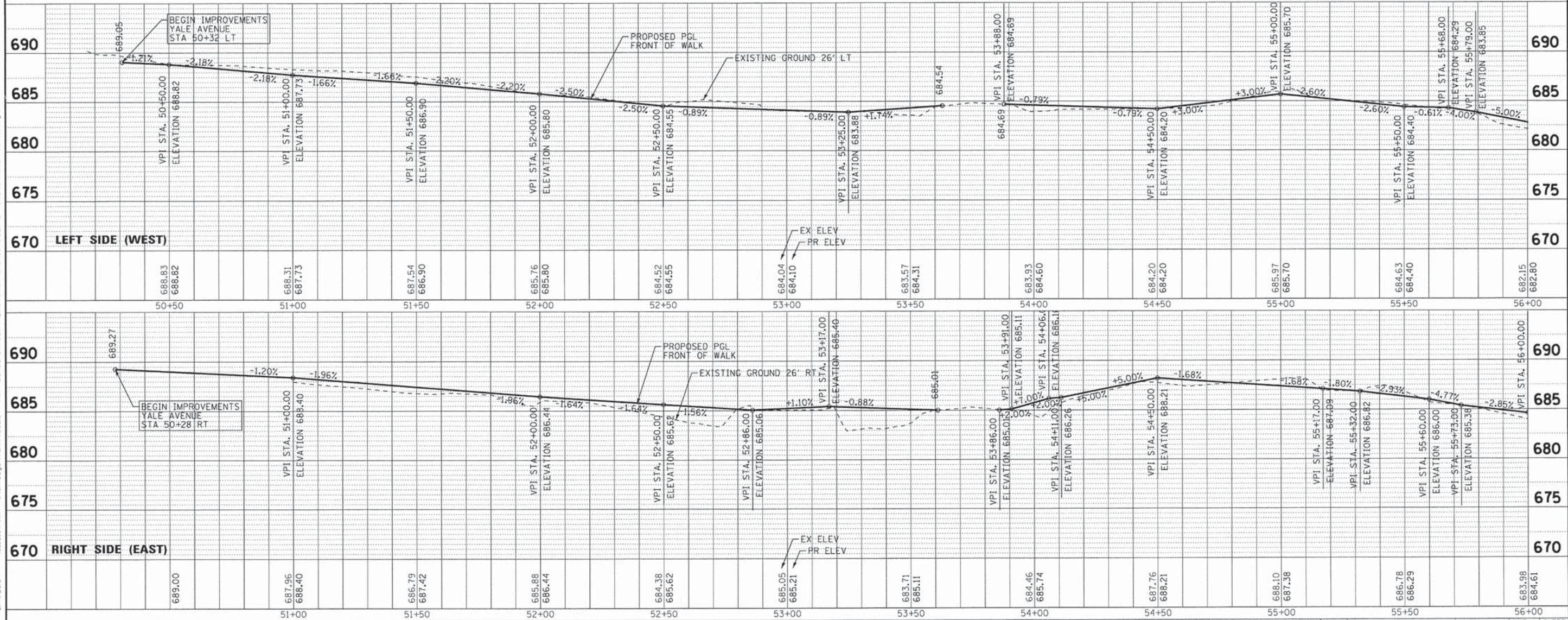
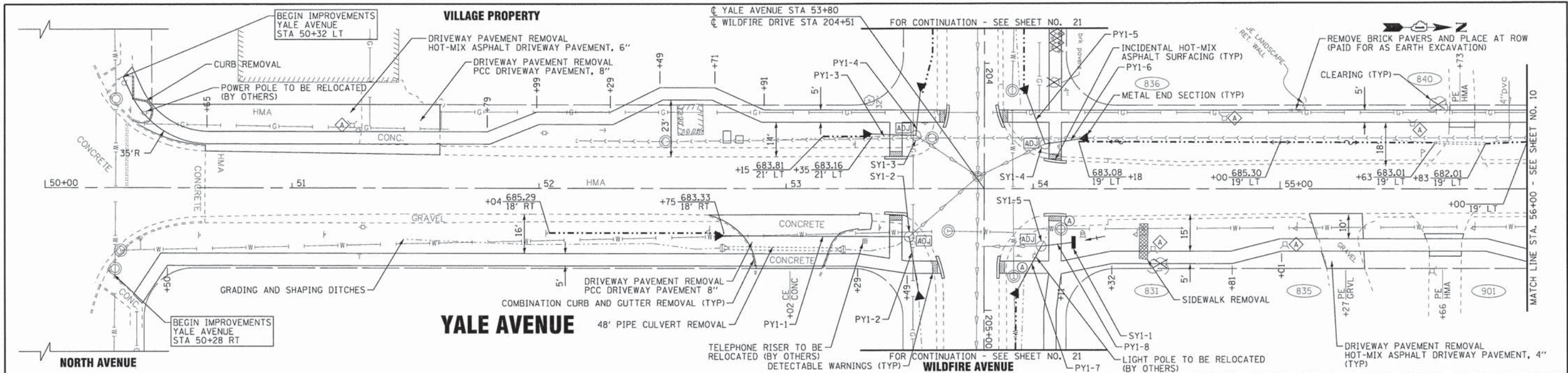
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VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS

SCHEDULE OF QUANTITIES

SCALE: NONE STA. TO STA.

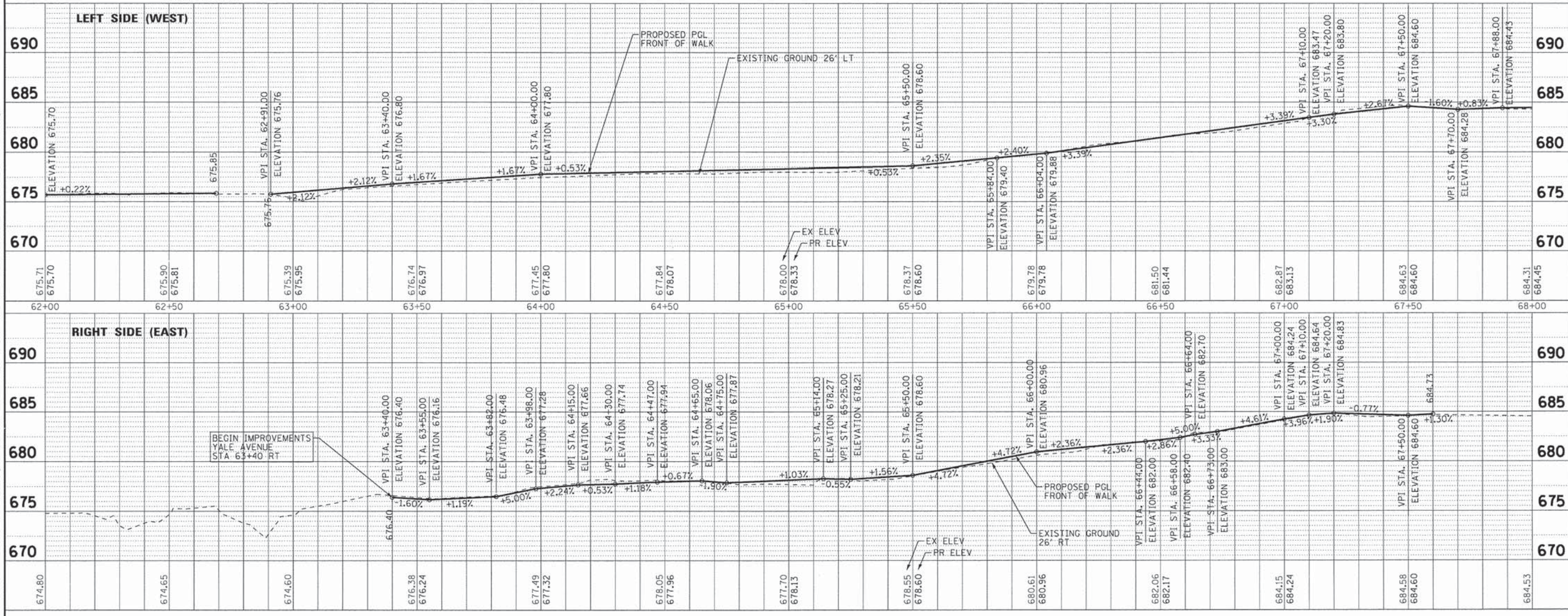
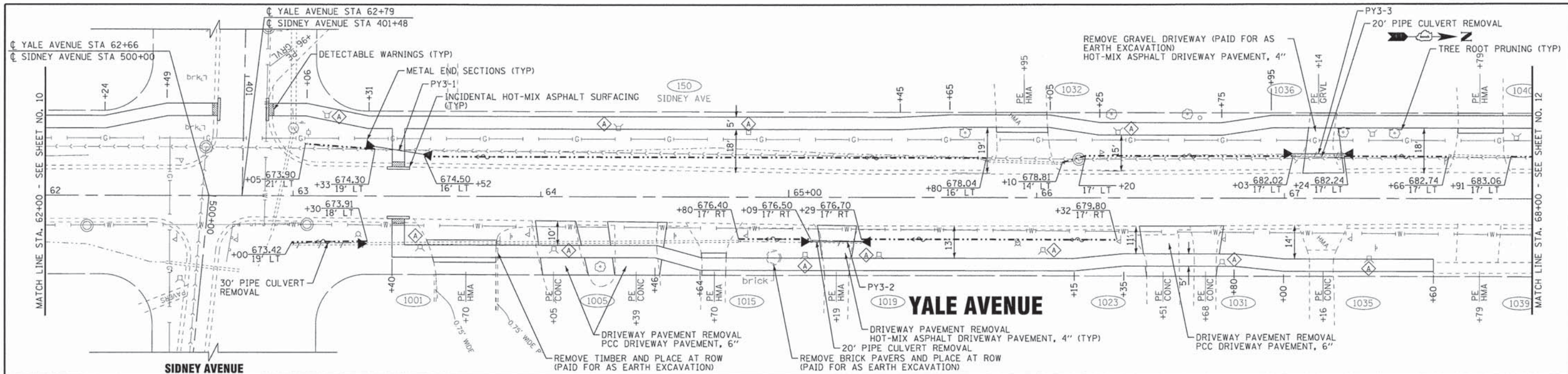
F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				



BAXTER & WOODMAN Consulting Engineers	DESIGNED - AMW	REVISED -	VILLAGE OF VILLA PARK, ILLINOIS TWIN LAKES SIDEWALK IMPROVEMENTS	PLAN AND PROFILE YALE AVENUE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - KAR	REVISED -			13-00092-00-SW	DuPAGE	72	9	
	CHECKED - TMS	REVISED -			C-91-250-13	CONTRACT NO.	61C66		
	DATE - 01/25/16	FILE - 150215sw-SH_PP3_Yale1.dgn			FED. ROAD DIST. NO. 1 ILLINOIS	M-40031861			

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SCALE: H: 1"=20' V: 1"=5'
 STA. 50+00 TO STA. 56+00

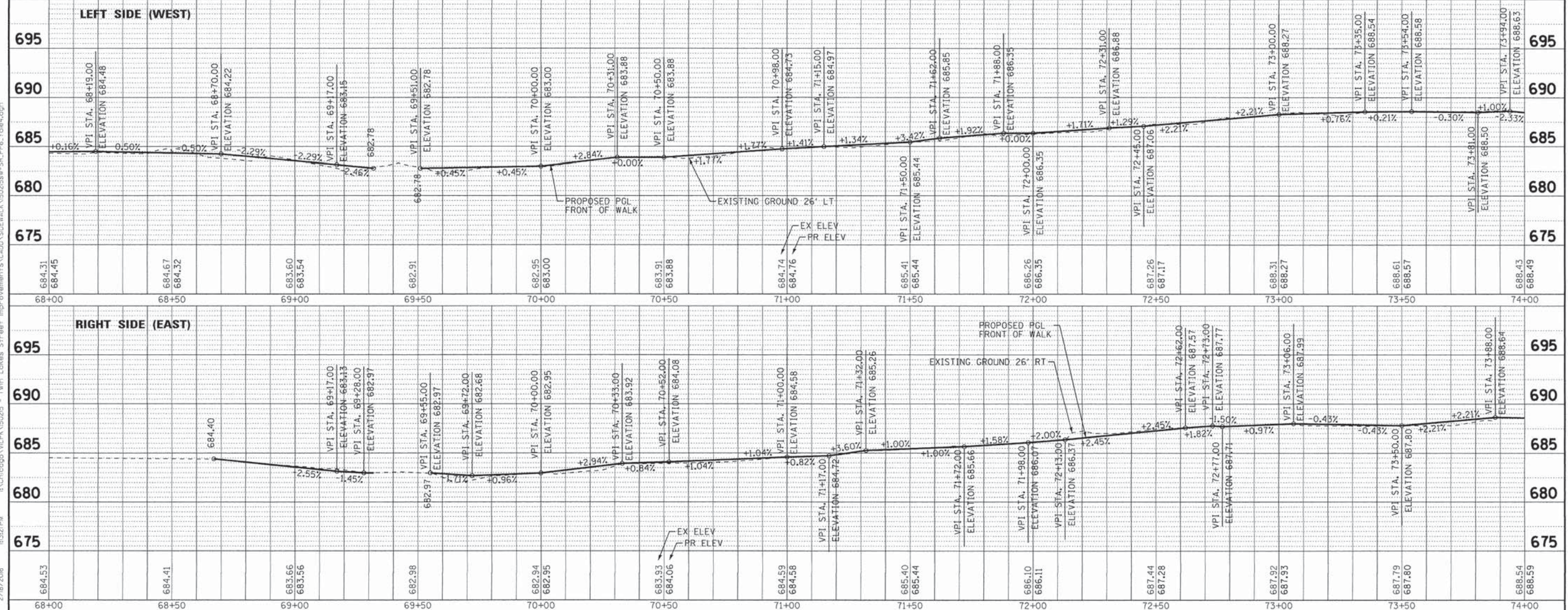
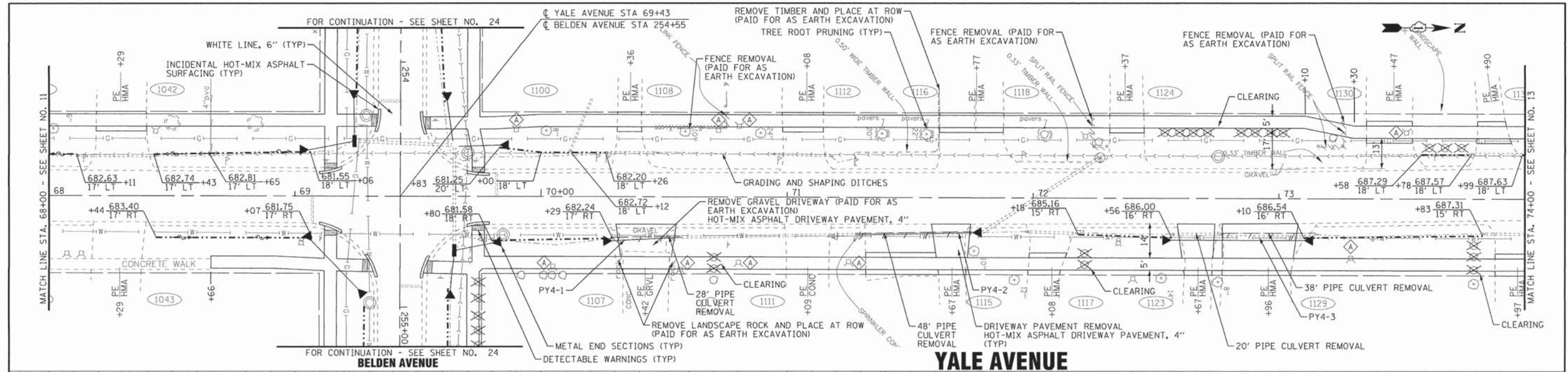


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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

PLAN AND PROFILE YALE AVENUE		F.A. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: H: 1"=20' V: 1"=5'			13-00092-00-SW	DuPAGE	72	11
STA. 62+00 TO STA. 68+00			C-91-250-13			
			FED. ROAD DIST. NO. 1 ILLINOIS		CONTRACT NO. 61C66	
					M-40031861	



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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

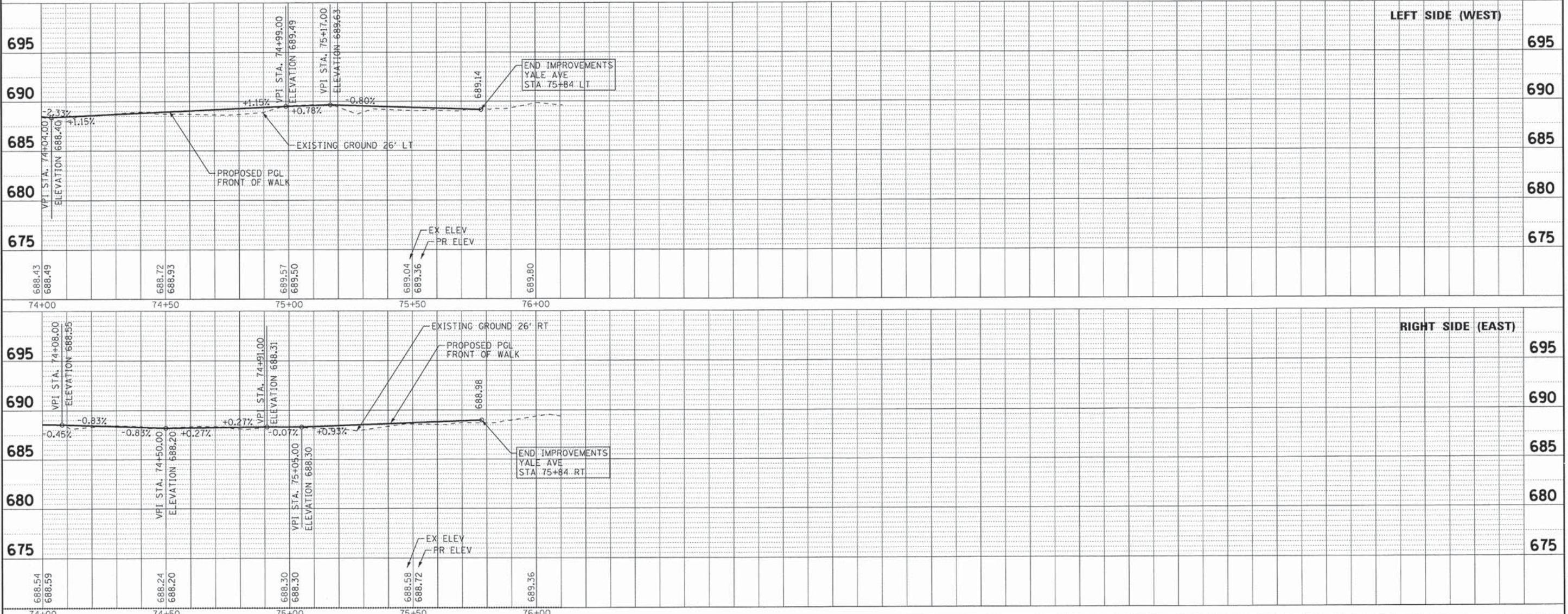
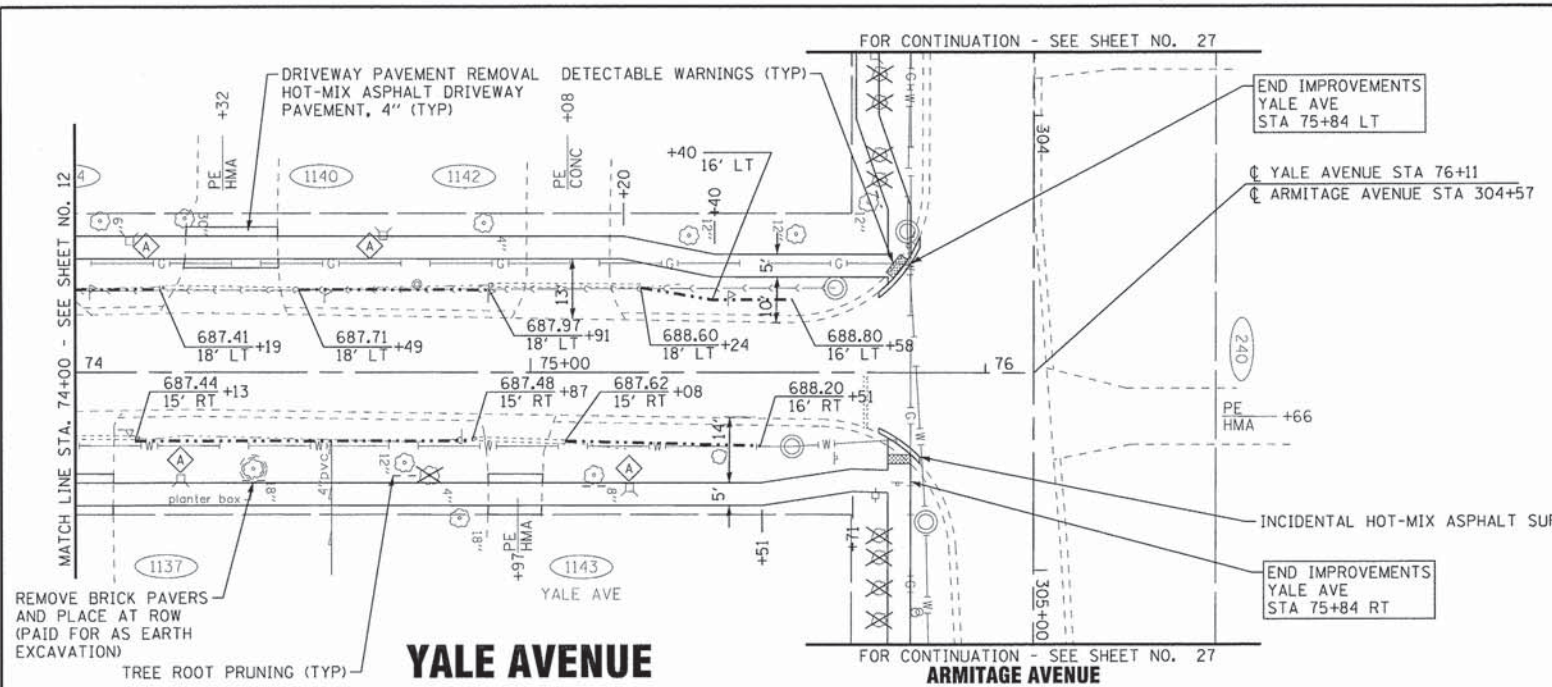
**PLAN AND PROFILE
YALE AVENUE**

SCALE: H: 1"=20' V: 1"=5'

STA. 68+00 TO STA. 74+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	12
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 [ILLINOIS]		M-40031861		

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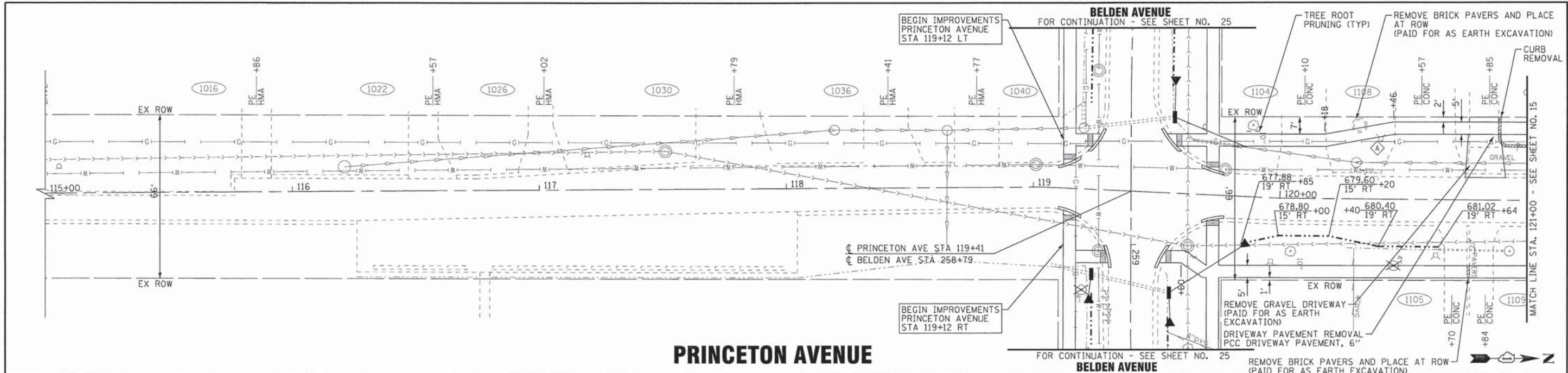
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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

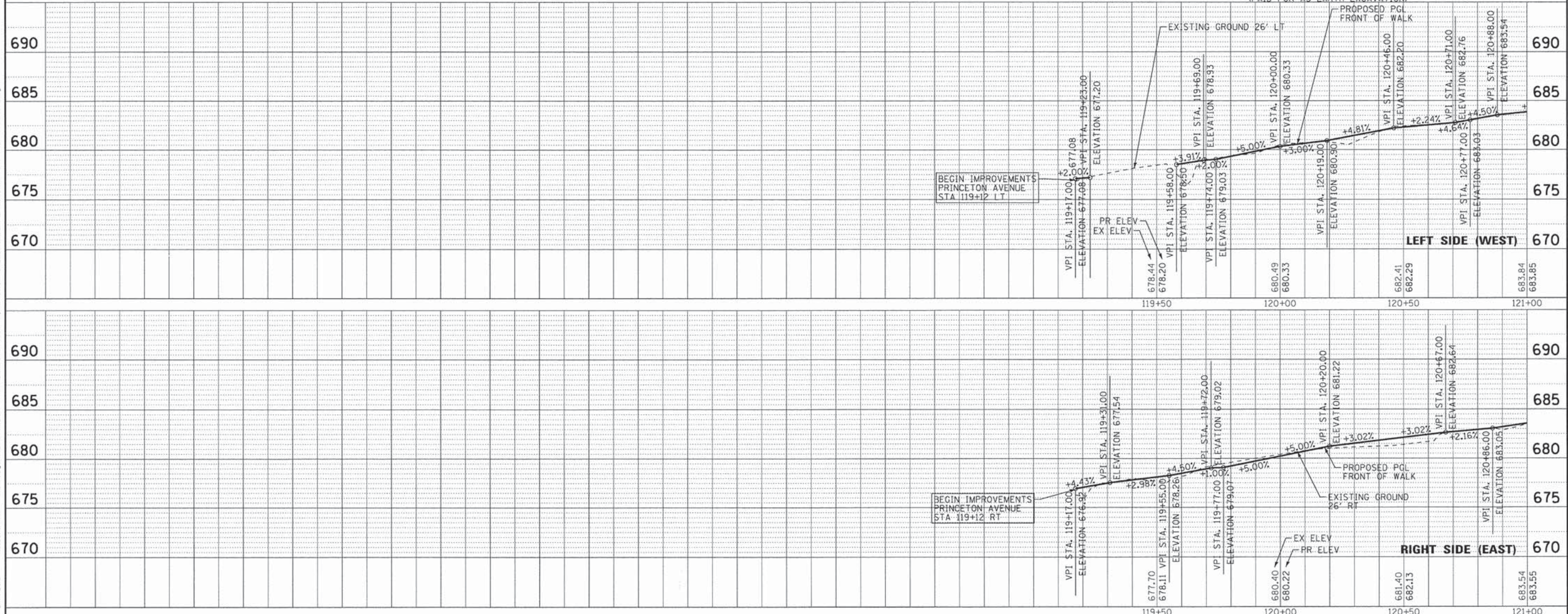
PLAN AND PROFILE YALE AVENUE	
SCALE: H: 1"=20' V: 1"=5'	STA. 74+00 TO STA. 76+11

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	C-91-250-13		CONTRACT NO. 61C66	
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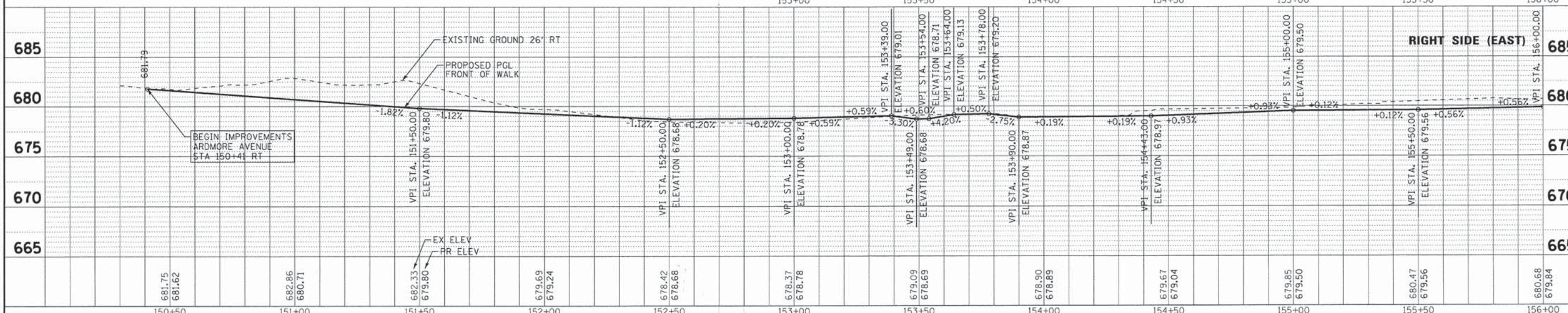
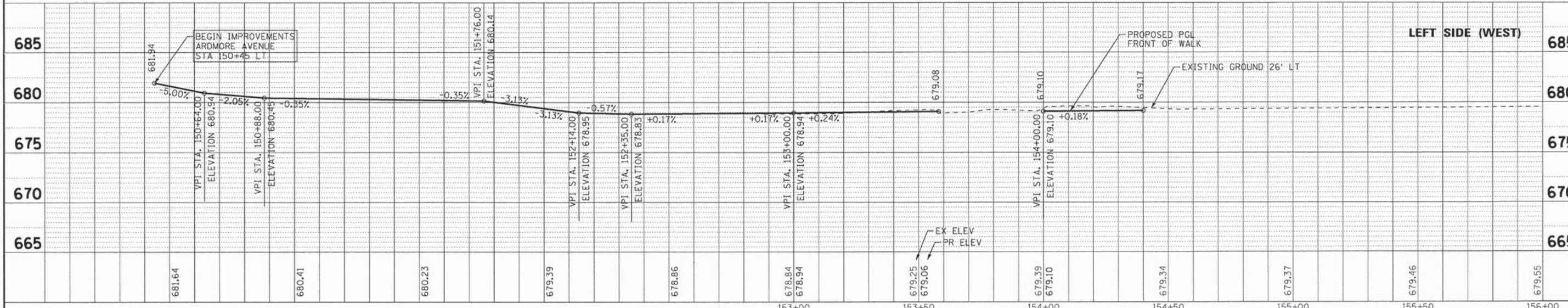
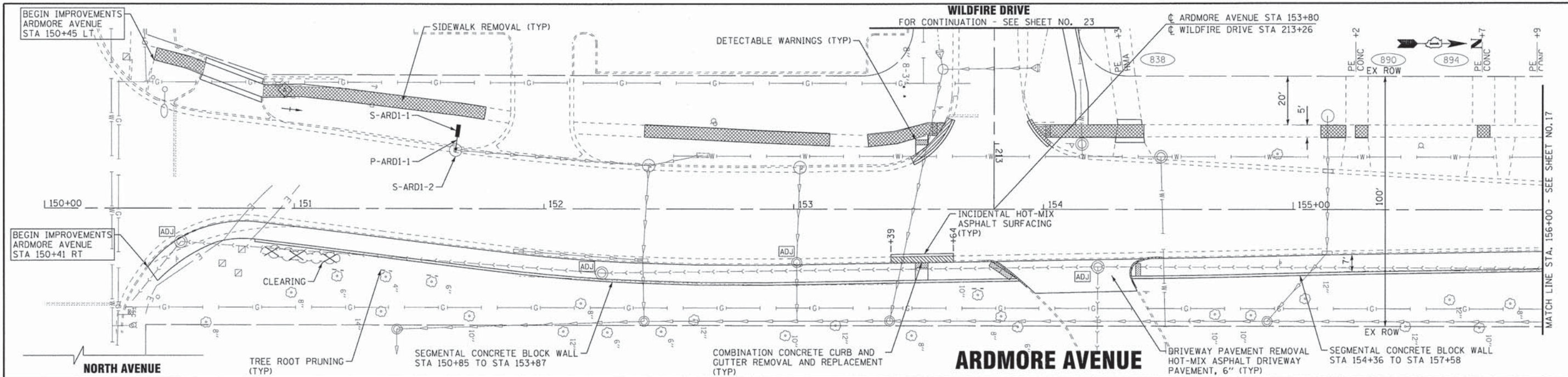
PRINCETON AVENUE



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VILLAGE OF VILLA PARK, ILLINOIS TWIN LAKES SIDEWALK IMPROVEMENTS

PLAN AND PROFILE PRINCETON AVENUE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: H: 1"=20' V: 1"=5'		13-00092-00-SW		DuPAGE	72	14
STA. 115+00 TO STA. 121+00		C-91-250-13		CONTRACT NO. 61C66		
		FED. ROAD DIST. NO. 1 [ILLINOIS]		M-40030861		



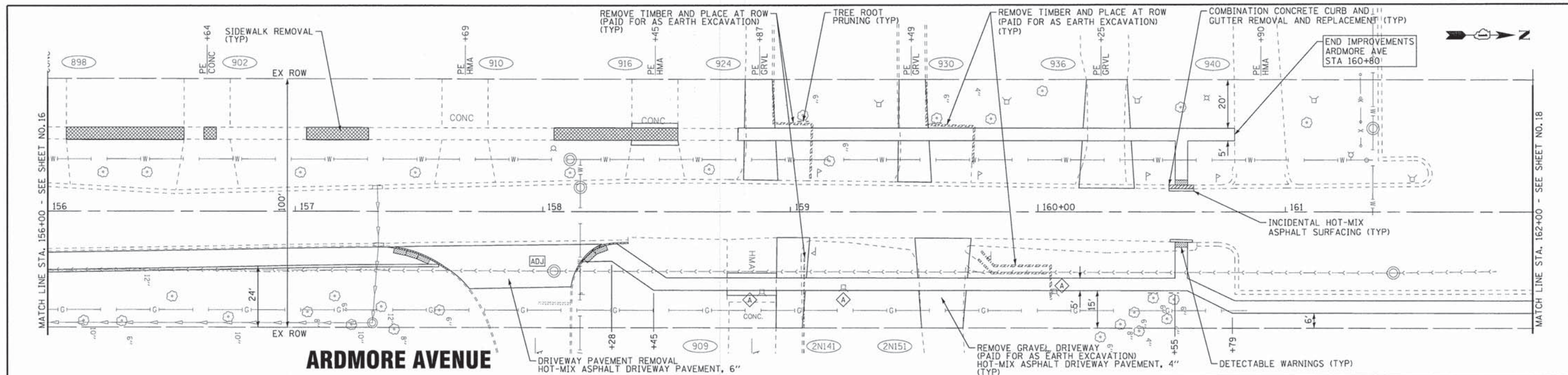
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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

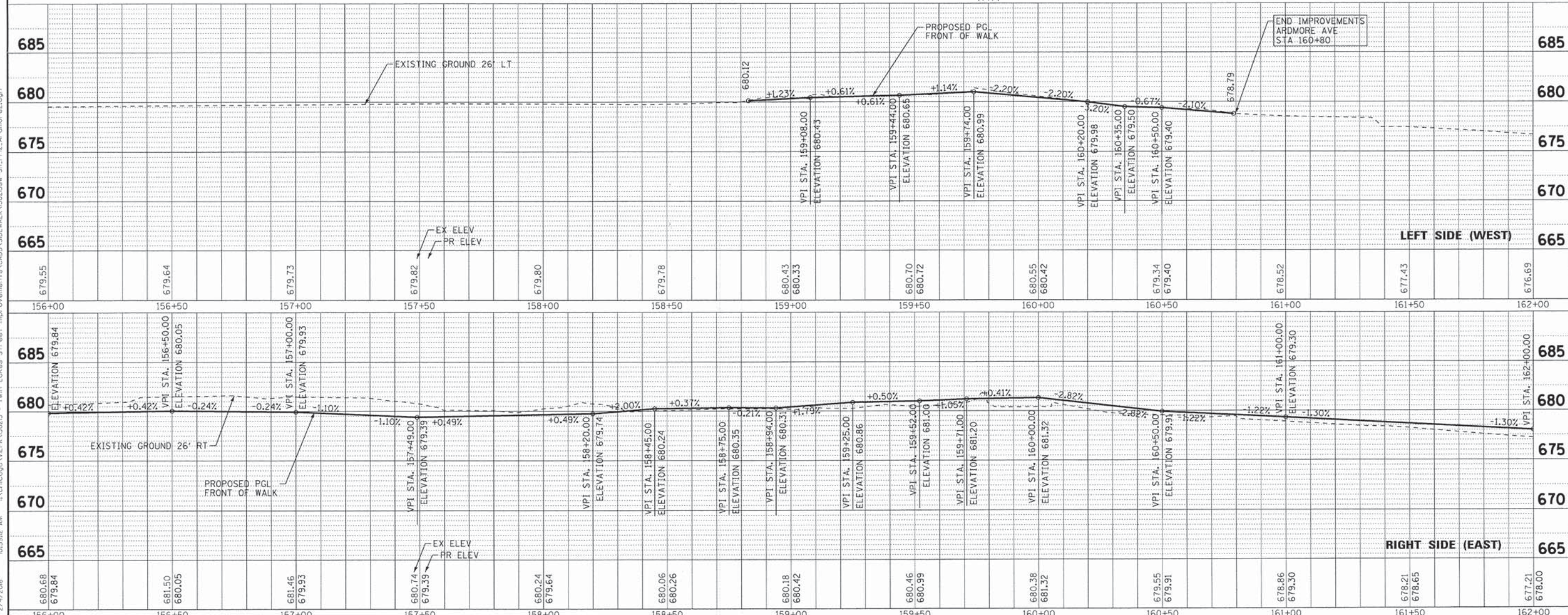
**PLAN AND PROFILE
ARDMORE AVENUE**

SCALE: H: 1"=20' V: 1"=5'	STA. 150+00 TO STA. 156+00	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			C-91-250-13		CONTRACT NO. 61C66	
			FED. ROAD DIST. NO. 1	ILLINOIS	M-40031861	

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 TWIN LAKES SIDEWALK IMPROVEMENTS
 FILE: 150215sw-SH_PP11_Ardmore1.dgn



ARDMORE AVENUE



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 Consulting Engineers

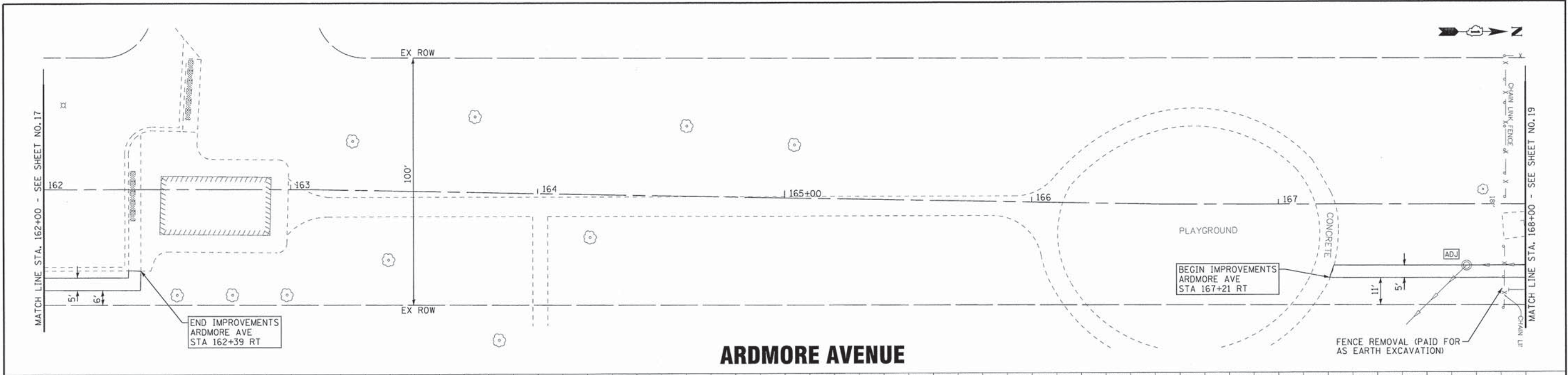
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**VILLAGE OF VILLA PARK, ILLINOIS
 TWIN LAKES SIDEWALK IMPROVEMENTS**

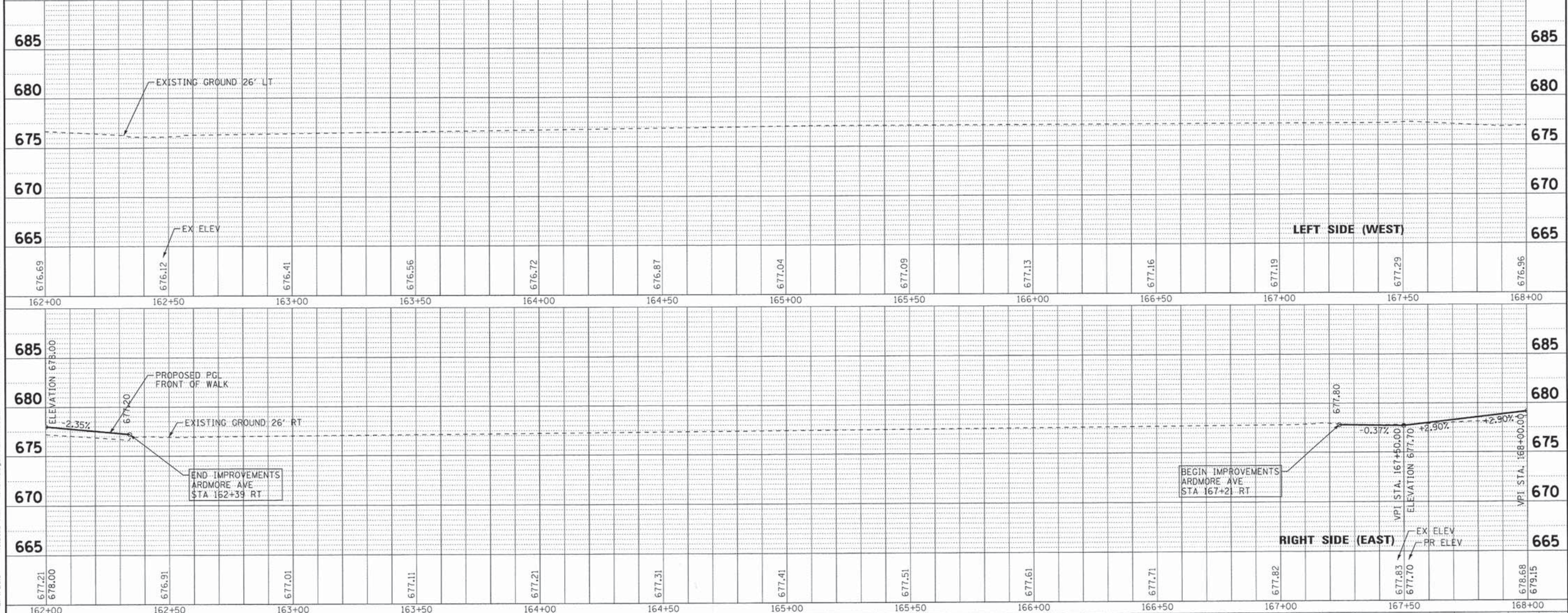
**PLAN AND PROFILE
 ARDMORE AVENUE**

SCALE: H: 1"=20' V: 1"=5'
 STA. 156+00 TO STA. 162+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	17
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 [ILLINOIS]		M-40031861		



ARDMORE AVENUE

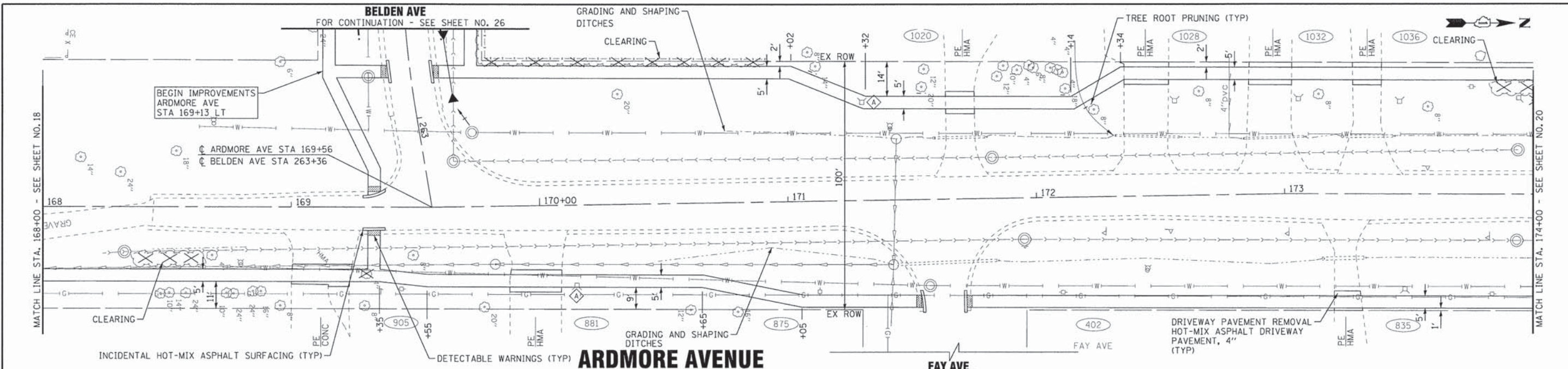


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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

PLAN AND PROFILE ARDMORE AVENUE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: H: 1"=20' V: 1"=5'		13-00092-00-SW	DuPAGE	ILLINOIS	72	18
STA. 162+00 TO STA. 168+00		CONTRACT NO. 61C66		M-40031861		



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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

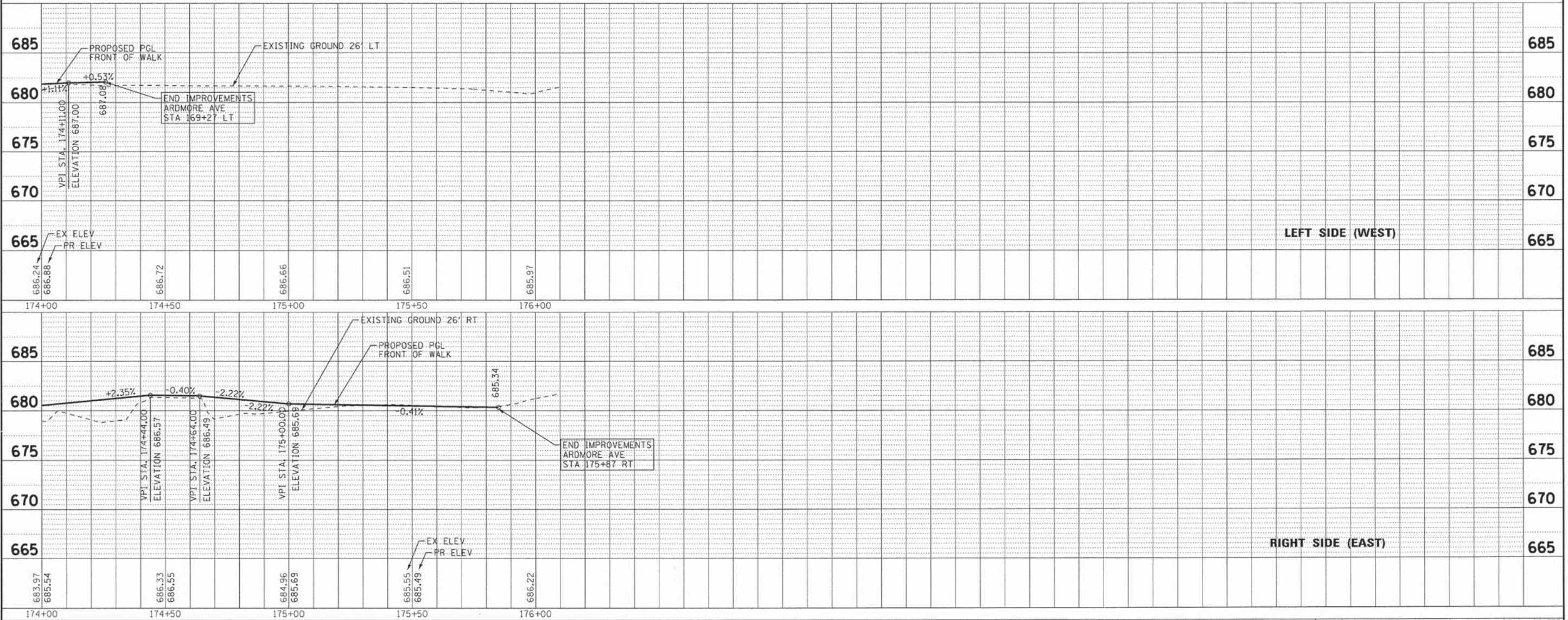
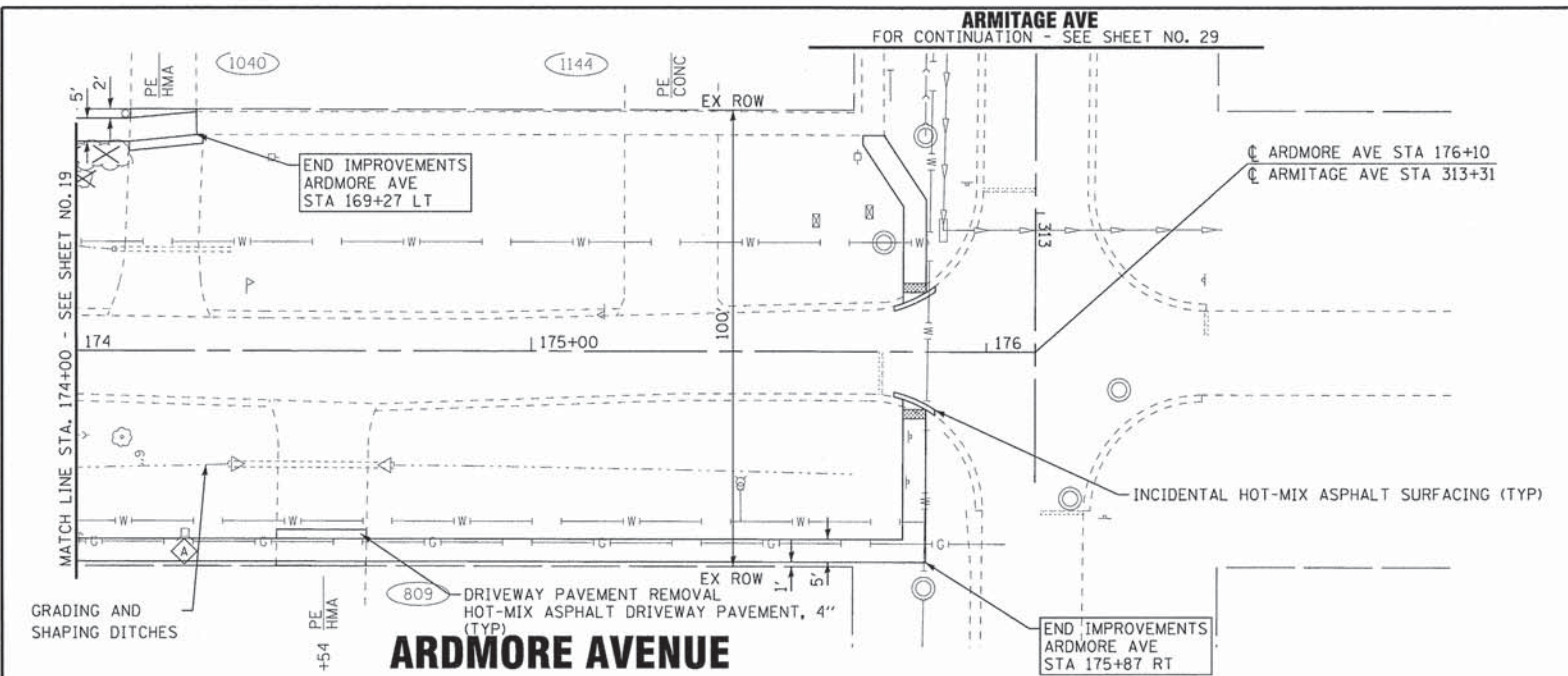
**PLAN AND PROFILE
ARDMORE AVENUE**

SCALE: H: 1"=20' V: 1"=5'

STA. 168+00 TO STA. 174+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	19
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS		M-40031861		

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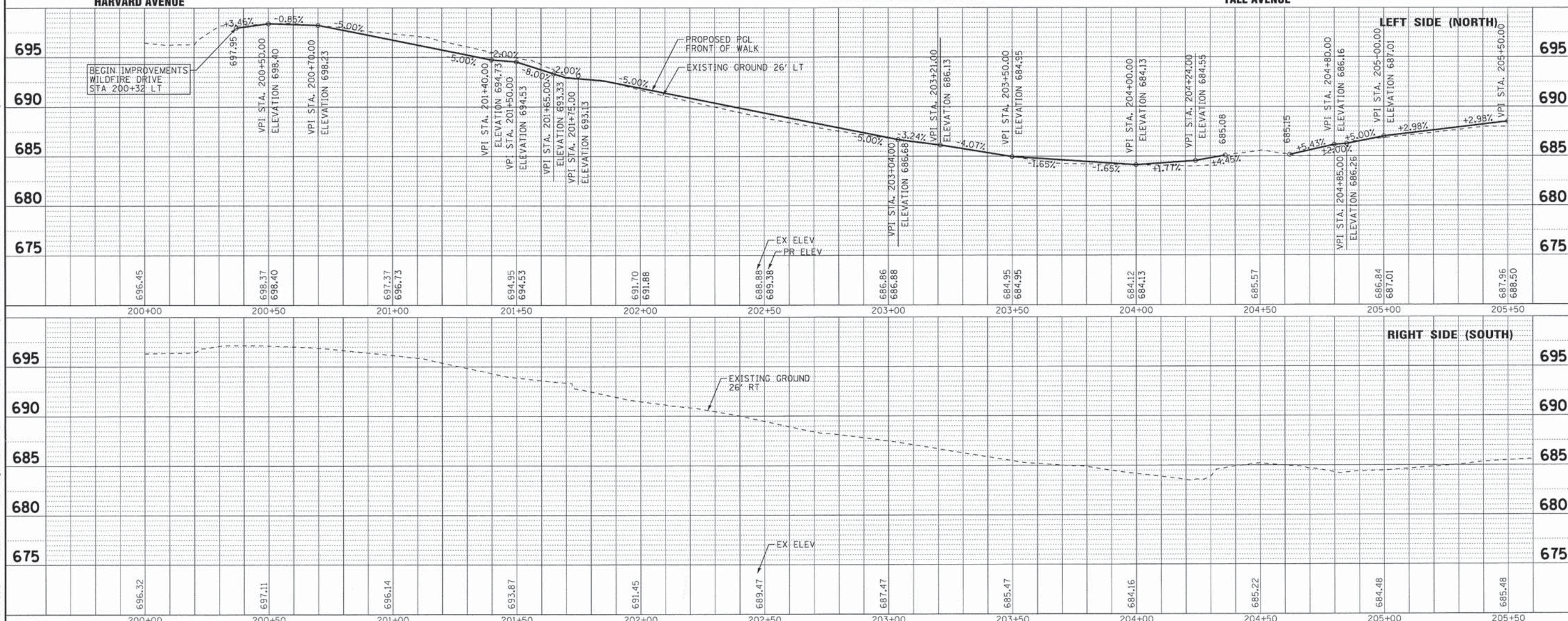
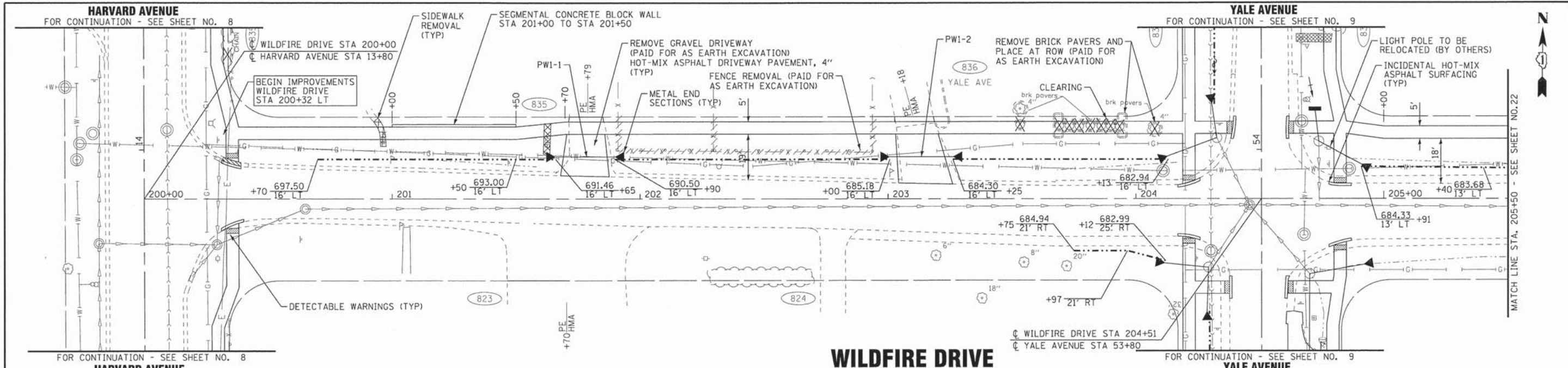
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VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS

PLAN AND PROFILE
ARDMORE AVENUE
 SCALE: H: 1"=20' V: 1"=5'
 STA. 174+00 TO STA. 176+10

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	20
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 [ILLINOIS]			M-40031861	



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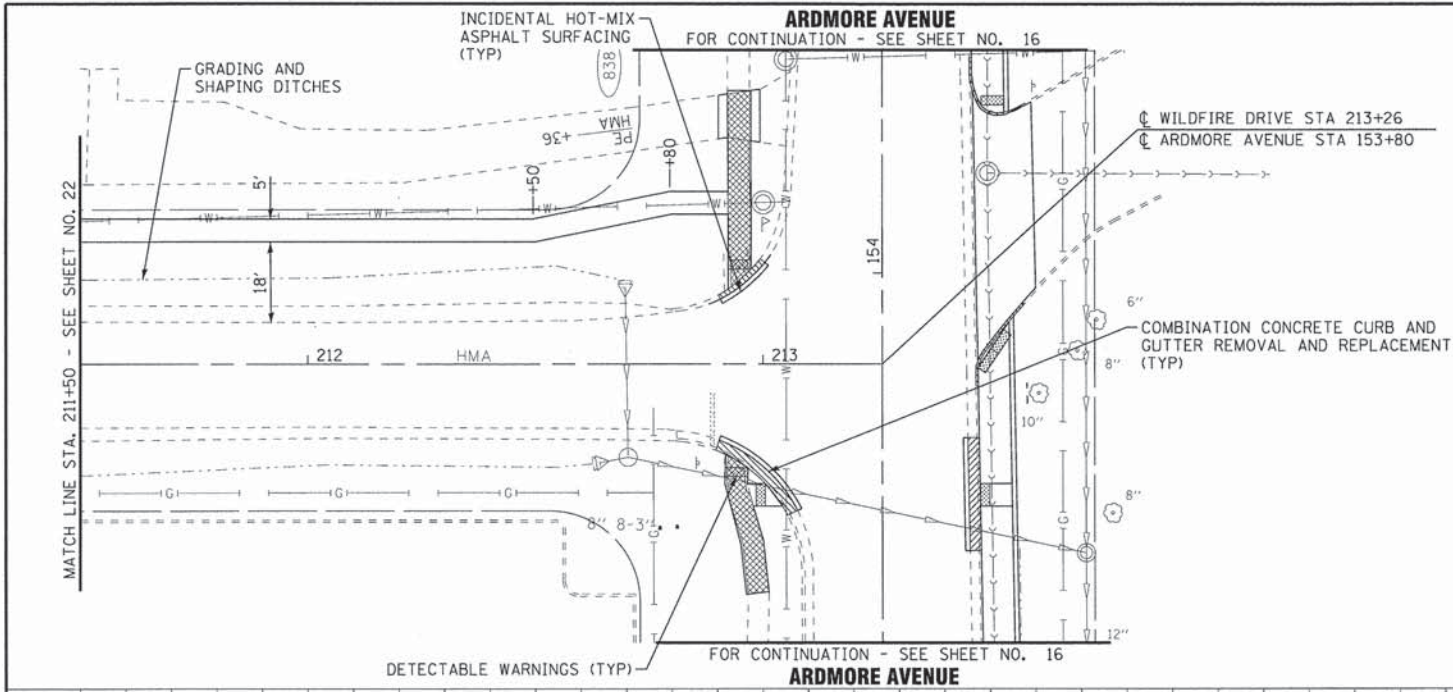
**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**PLAN AND PROFILE
WILDFIRE DRIVE**

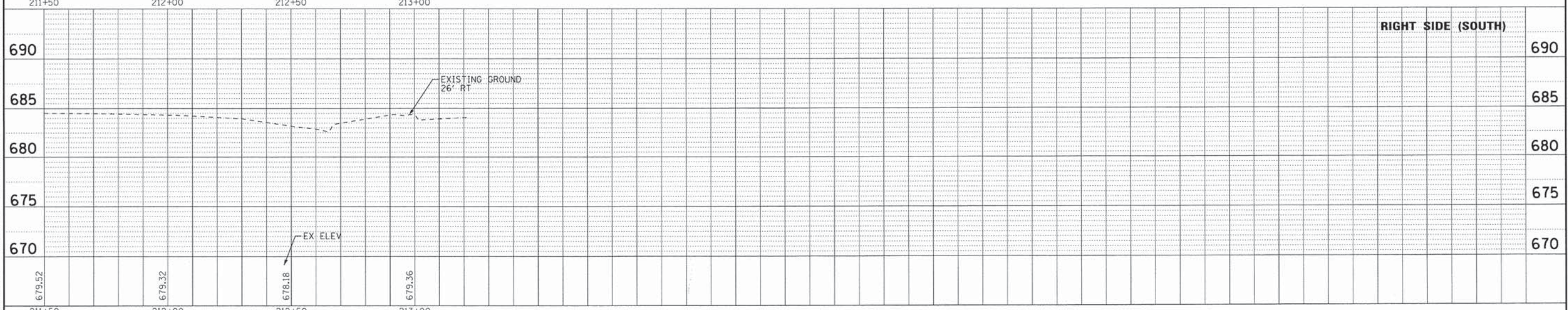
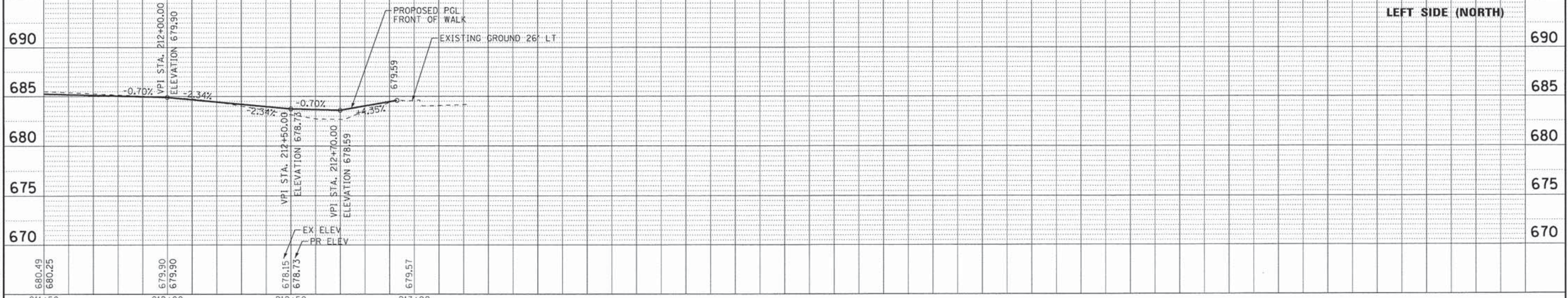
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STA. 200+00 TO STA. 205+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	C-91-250-13		CONTRACT NO. 61C66	
	FED. ROAD DIST. NO. 1	ILLINOIS	M-40031861	

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WILDFIRE DRIVE



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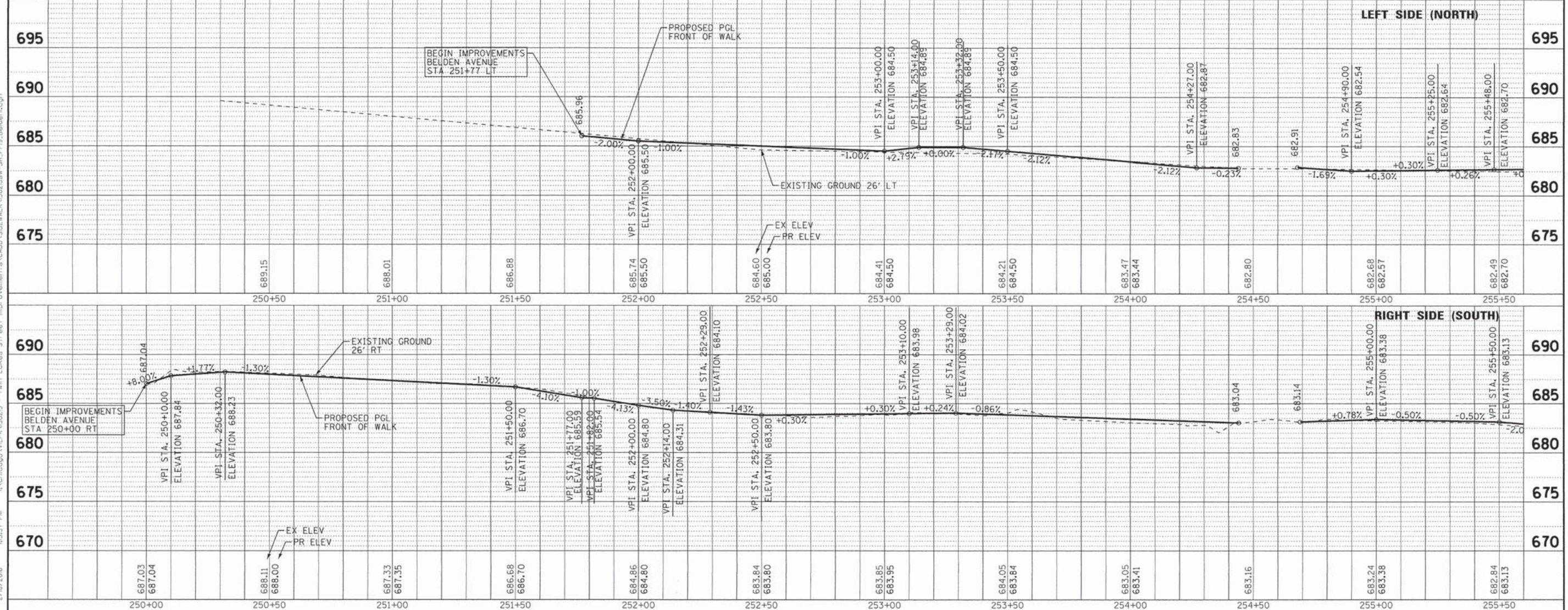
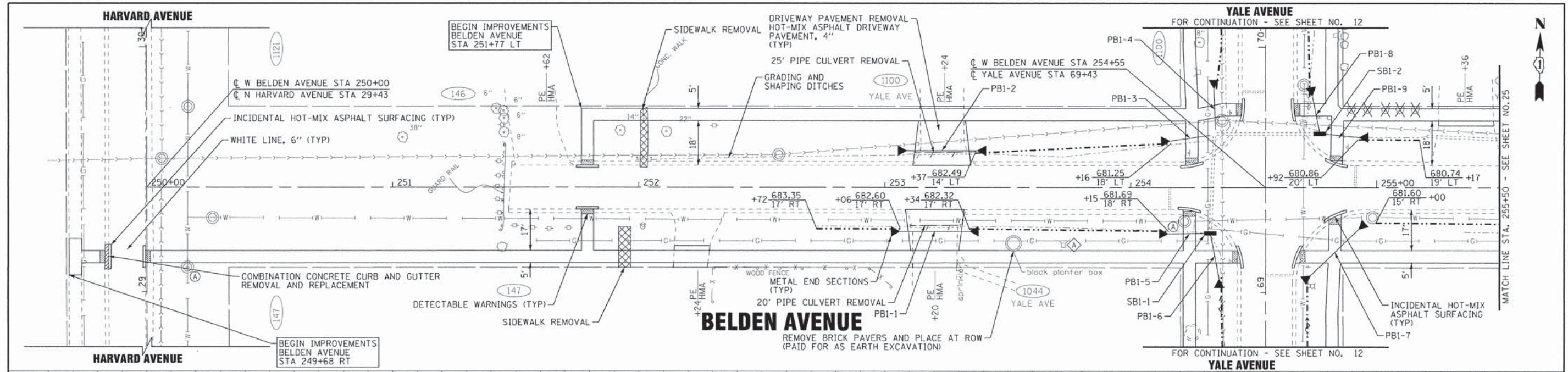
**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**PLAN AND PROFILE
WILDFIRE DRIVE**

SCALE: H: 1"=20' V: 1"=5'

STA. 211+50 TO STA. 205+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	23
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS			M-40031861	

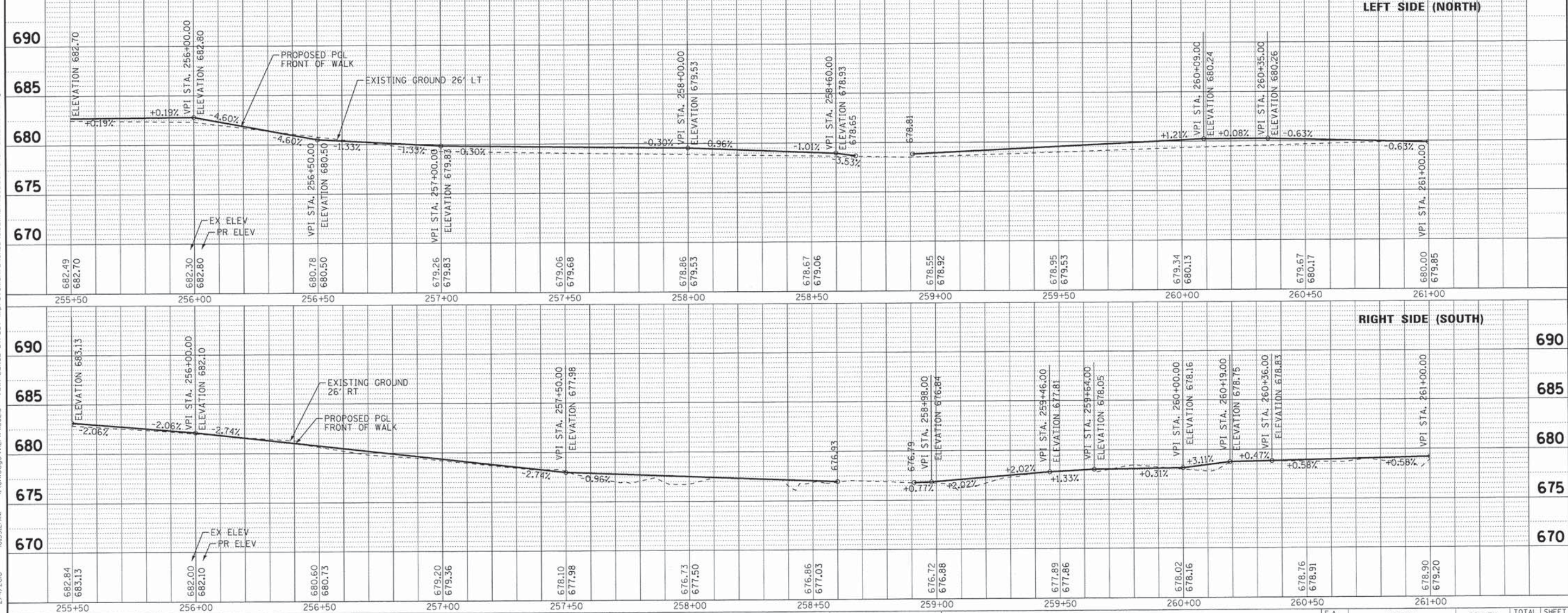
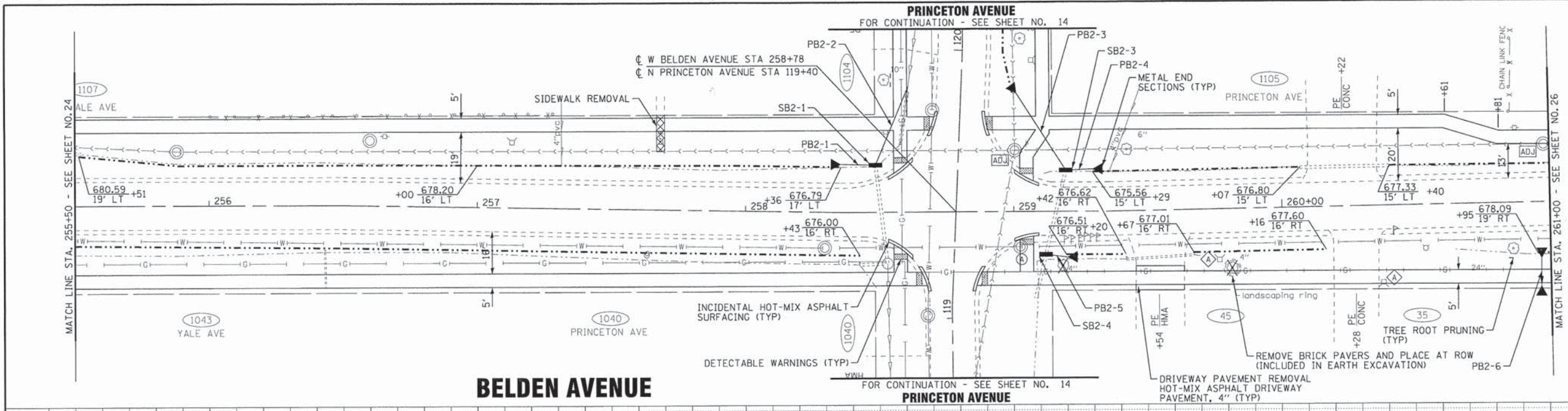


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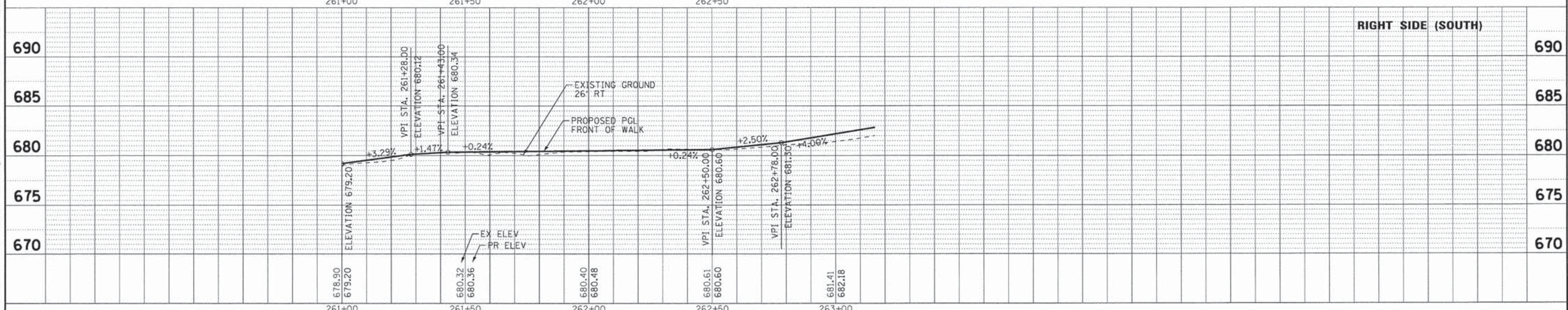
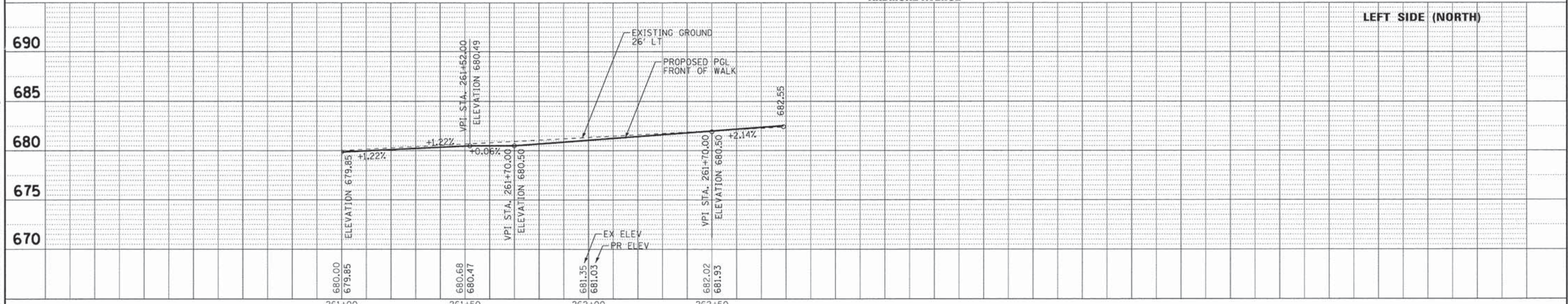
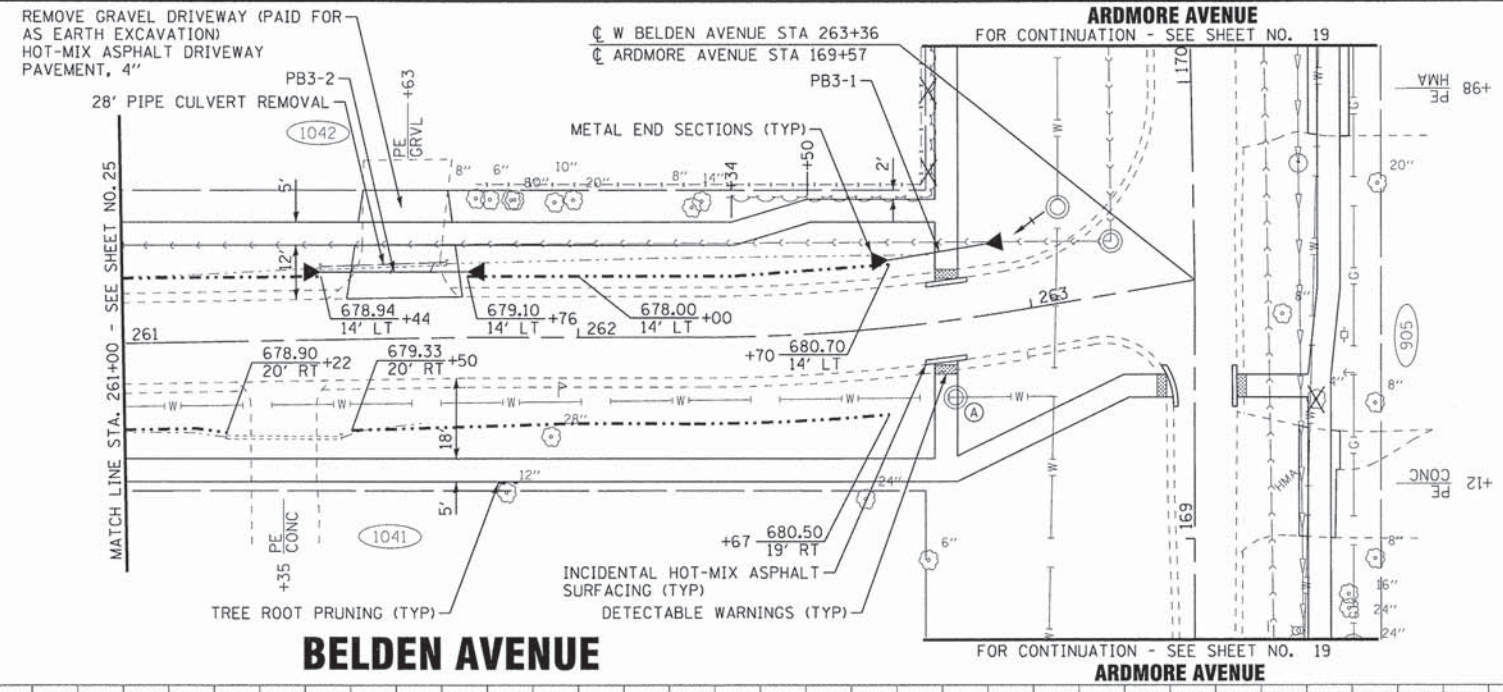
VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS

PLAN AND PROFILE BELDEN AVENUE		F.A. RTE. SECTION COUNTY TOTAL SHEETS 13-00092-00-SW DUPAGE 72 24 C-91-250-13 CONTRACT NO. 61C66 FED. ROAD DIST. NO. 1 ILLINOIS M-40031861
SCALE: H: 1"=20' V: 1"=5'	STA. 250+00 TO STA. 255+00	



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	DRAWN - KAR	REVISED -			13-00092-00-SW	DUPAGE	72	25	
CHECKED - TMS	REVISED -				C-91-250-13 FED. ROAD DIST. NO. 1 [ILLINOIS]		CONTRACT NO. 61C66 M-40030861		
DATE - 01/25/16	FILE - 150215sw-SH_PP20_Belden2.dgn								

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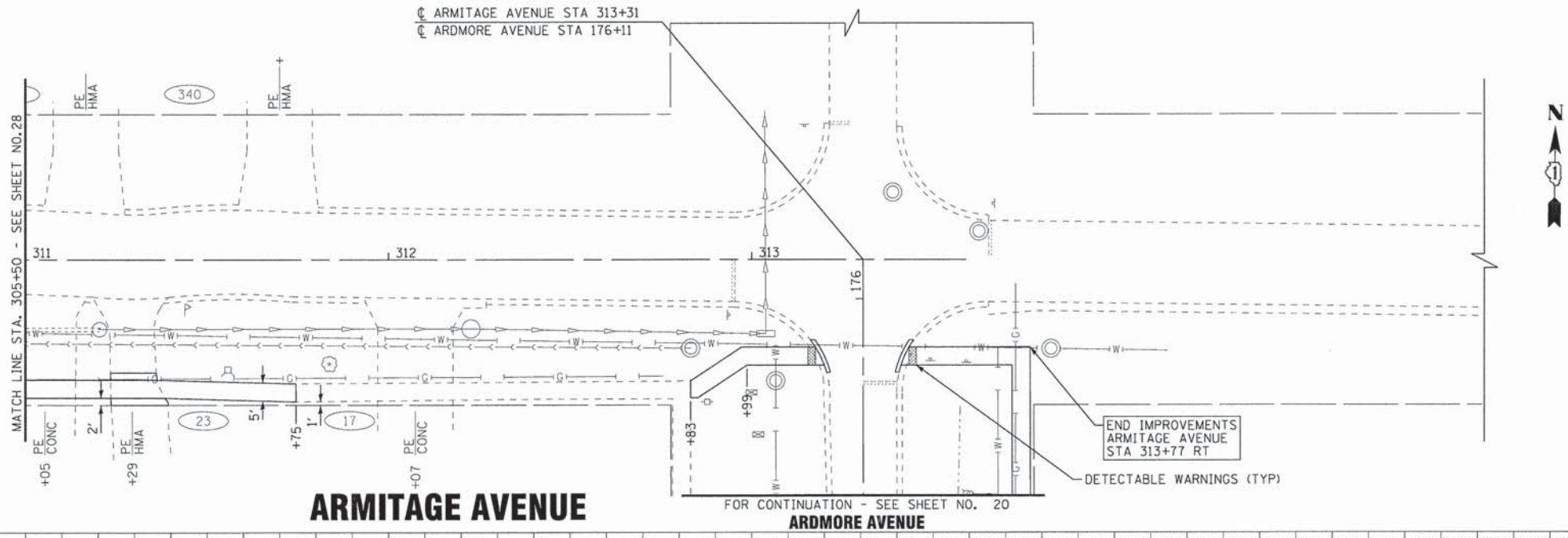
VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS

PLAN AND PROFILE
BELDEN AVENUE

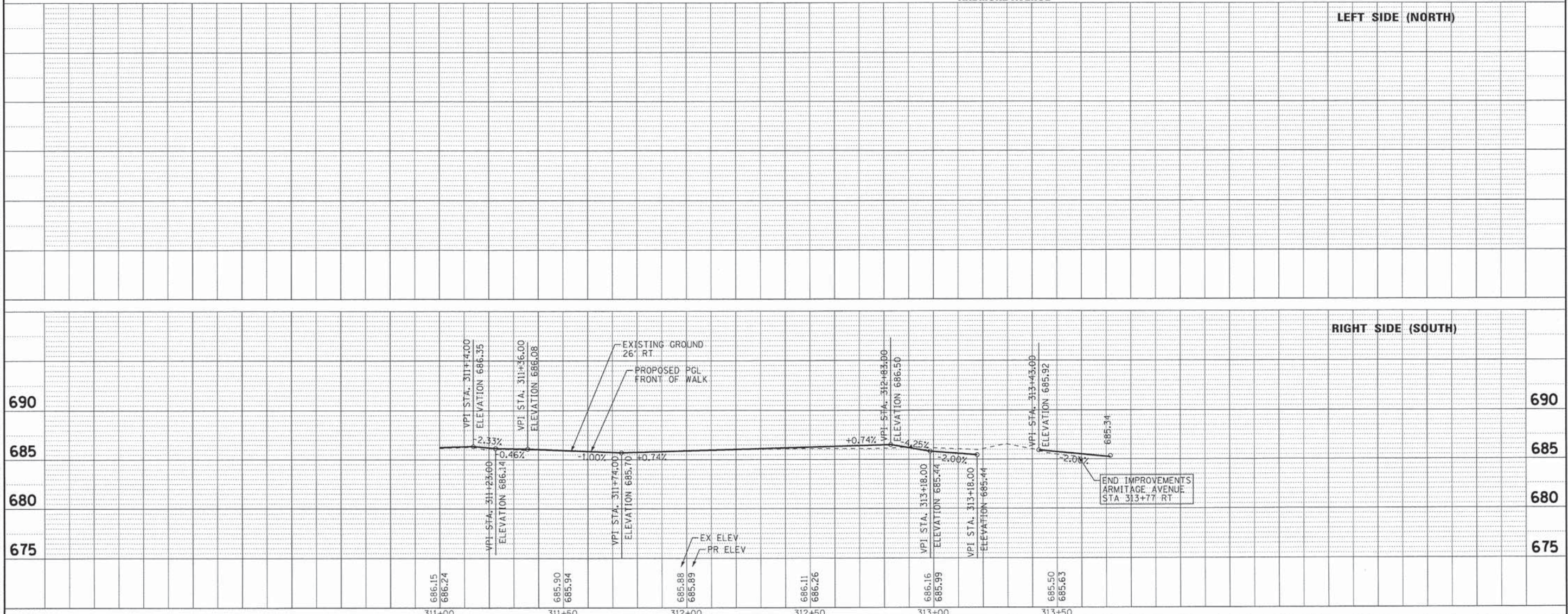
SCALE: H: 1"=20' V: 1"=5'

STA. 255+50 TO STA. 261+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	26
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS			M-40031861	



ARMITAGE AVENUE
ARDMORE AVENUE



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VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS

PLAN AND PROFILE
ARMITAGE AVENUE

SCALE: H: 1"=20' V: 1"=5'

STA. 311+00 TO STA. 313+31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	29
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS		M-4003186		

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. SEDIMENTATION AND EROSION CONTROL STANDARDS

THE FOLLOWING STANDARDS MUST BE SATISFIED:

- A. ALL AREAS LOCATED DOWNSTREAM FROM DISTURBED AREAS OF A DEVELOPMENT SITE SHALL BE PROTECTED FROM POTENTIAL INCREASE OF EROSION AND SEDIMENTATION RESULTING FROM UPSTREAM ACTIVITIES.
- B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO OR CONCURRENTLY WITH THE START OF DISTURBANCE.
- C. PERMANENT STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED; BUT IN NO CASE SHALL THESE MEASURES BE INSTALLED MORE THAN 14 DAYS AFTER THE CONSTRUCTION IN THE AREA TEMPORARILY OR PERMANENTLY CEASES.

2. SEDIMENTATION AND EROSION CONTROL METHODS

THE FOLLOWING SEDIMENTATION AND EROSION CONTROL METHODS MUST BE INSTALLED AND MAINTAINED:

- A. ALL STORM SEWER STRUCTURES THAT RECEIVE RUNOFF DURING CONSTRUCTION SHALL INCLUDE INLET PROTECTION TO PREVENT DEBRIS AND EXCESSIVE SEDIMENT FROM ENTERING THE STORM SEWER PIPING SYSTEM. THESE PROTECTIVE MEASURES SHALL BE PROPERLY INSTALLED, MAINTAINED, AND REMOVED IN THEIR ENTIRETY AFTER THE AREA TRIBUTARY TO THE STORM STRUCTURE IS STABILIZED.
- B. DISCHARGES FROM DEWATERING OPERATIONS SHALL ENTER OR BE ROUTED TO A SEDIMENT AND EROSION CONTROL SYSTEM OR DEVICE.
- C. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PROPERLY STABILIZED OR DISPOSED.

3. MAINTENANCE

ALL TEMPORARY MEASURES AND PERMANENT EROSION AND SEDIMENT CONTROL MUST BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION AS IDENTIFIED BY REQUIRED INSPECTIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:

- A. REPAIR, REPLACE OR MAINTAIN EROSION AND SEDIMENT CONTROL STRUCTURES AFTER A SINGULAR OR CUMULATIVE RAINFALL EVENT(S) OF 0.5 INCH OR MORE OVER A TWENTY-FOUR-HOUR PERIOD.
- B. MAKE ADJUSTMENTS TO THE SEDIMENTATION AND EROSION CONTROL PLAN AND METHODS, AS NEEDED, TO ACCOMPLISH THE INTENDED PURPOSE.
- C. ALL ADJACENT ROADWAYS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY OR AS DETERMINED BY THE ENGINEER.

4. INSPECTIONS

- A. THESE PLANS SHALL BE MAINTAINED AT THE SITE DURING CONSTRUCTION OPERATIONS. THE ENGINEER SHALL MAKE INSPECTIONS AND MAINTAIN ON-SITE RECORDS OF SUCH INSPECTIONS AT THE INTERVALS SPECIFIED BELOW:
 - I. UPON COMPLETION OF INSTALLATION OF SEDIMENT AND RUNOFF CONTROL MEASURES, PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING;
 - II. AFTER CURB AND GUTTER, SIDEWALK, STREET LIGHTING AND STORM SEWER INSTALLATION;
 - III. AFTER FINAL GRADING; AND
 - IV. WEEKLY AND AFTER EACH RAINFALL EVENT OF 0.5 INCH OR MORE OVER A TWENTY-FOUR-HOUR PERIOD.
- B. ANY NECESSARY REPAIRS TO SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MADE AND REPORTED IN THE ON-SITE INSPECTION RECORDS.

5. SOIL EROSION AND SEDIMENT CONTROL

- A. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL PERMANENT RESTORATION IS PERFORMED.
- B. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DISPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
- C. TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED. WHERE PARKWAYS ARE DISTURBED, TEMPORARY EROSION CONTROL MEASURES SHALL BE ESTABLISHED WITHIN 14 DAYS OF THE COMPLETION OF DISTURBANCE AND MAINTAINED TO THE SATISFACTION OF THE CITY. THIS WORK, INCLUDING MAINTENANCE, SHALL BE INCLUDED IN THE PERMANENT STABILIZATION PAY ITEMS UNLESS OTHERWISE NOTED.

VILLAGE OF VILLA PARK EROSION CONTROL NOTES

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL EROSION CONTROL DEVICES INCLUDING, BUT NOT LIMITED TO, SILT FENCE AROUND THE CONSTRUCTION LIMITS, STONE ACCESS DRIVE AND FILTER FABRIC PROTECTORS IN ALL STORM MANHOLES AND/OR INLETS PER DETAILS.
2. IF THERE IS NO GENERAL CONTRACTOR, IT SHALL BE THE RESPONSIBILITY OF THE EXCAVATION/GRADING CONTRACTOR TO INSTALL ALL SOIL EROSION CONTROL DEVICES.
3. THE CONTRACTOR RESPONSIBLE FOR THE INSTALLATION OF THE EROSION CONTROL DEVICES SHALL MAKE AN INSPECTION OF THE INSTALLATION ON A WEEKLY BASIS OR FOLLOWING A RAINFALL OF 0.5 INCH OR MORE OVER A 24-HOUR PERIOD. A RECORD OF SUCH INSPECTIONS SHALL BE KEPT ONSITE AT ALL TIMES UNTIL FINAL ACCEPTANCE OF THE WORK.
4. IF ADDITIONAL EROSION CONTROL MEASURES NOT SHOWN ON THE PLANS ARE REQUIRED TO STOP OR PREVENT EROSION OR ARE REQUIRED BY ANY AUTHORITY HAVING JURISDICTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL SUCH REQUIRED DEVICES.
5. SEE STANDARD VILLAGE OF VILLA PARK DETAILS FOR SILT FENCE AND FILTER FABRIC PROTECTOR REQUIREMENTS.
6. ALL STATE AND LOCAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED THROUGHOUT CONSTRUCTION.
7. ALL SILT FENCE SHALL BE INSTALLED AND APPROVED BY THE VILLAGE OF VILLA PARK PRIOR TO CONSTRUCTION.

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VILLAGE OF VILLA PARK, ILLINOIS TWIN LAKES SIDEWALK IMPROVEMENTS

EROSION AND SEDIMENT CONTROL NOTES

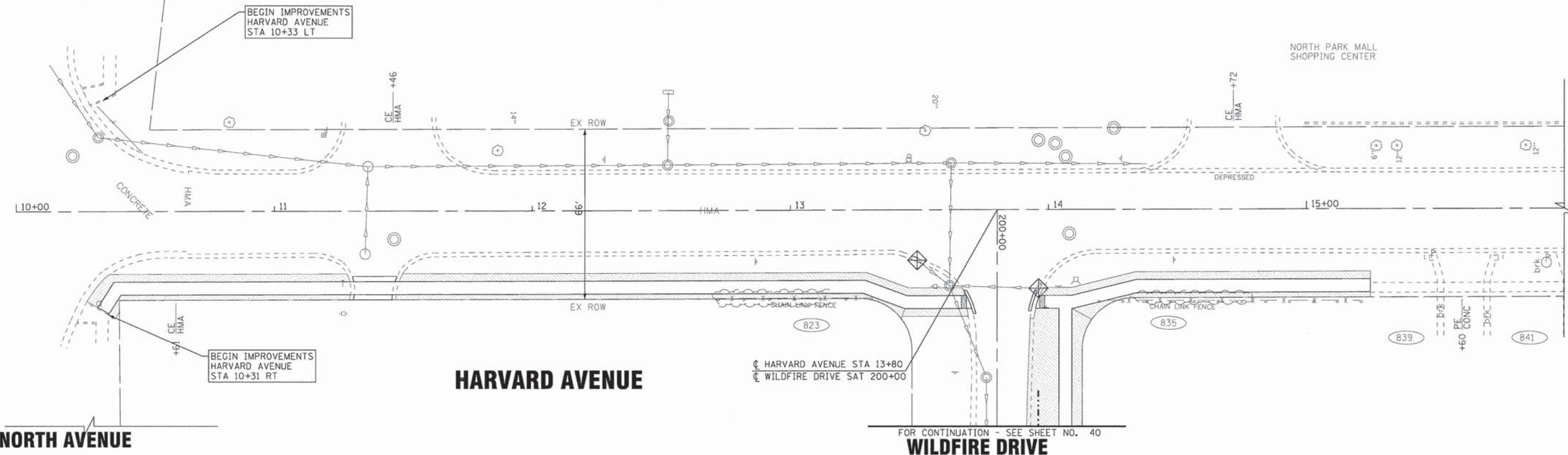
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STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003186				

NORTH AVENUE

NORTH AVENUE



FOR CONTINUATION - SEE SHEET NO. 40
WILDFIRE DRIVE

HARVARD AVENUE

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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**EROSION CONTROL PLAN
HARVARD AVENUE**

SCALE: 1" = 20' STA. 10+00 TO STA. 22+00

LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- SODDING

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
13-00092-00-SW	DUPAGE		72	31
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(186)				

NORTH AVENUE

WILDFIRE DRIVE

FOR CONTINUATION - SEE SHEET NO. 40

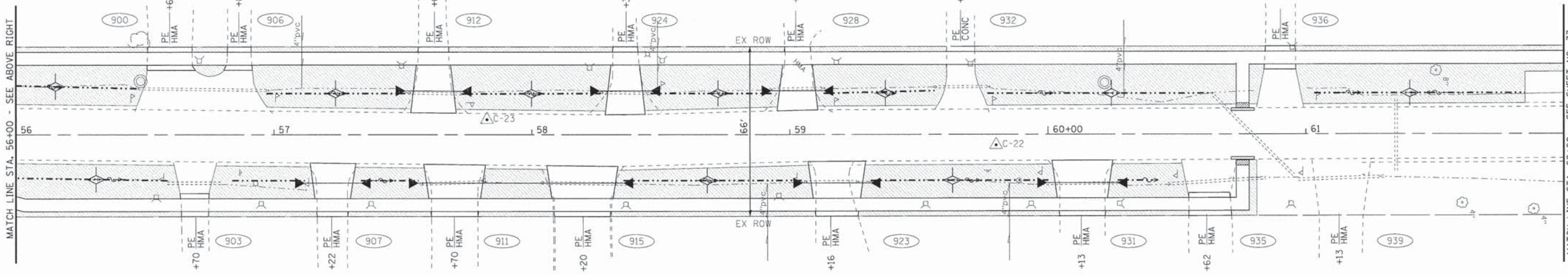
NORTH AVENUE

FOR CONTINUATION - SEE SHEET NO. 40

WILDFIRE DRIVE

YALE AVENUE

YALE AVENUE



BEGIN IMPROVEMENTS
YALE AVENUE
STA 50+32 LT

BEGIN IMPROVEMENTS
YALE AVENUE
STA 50+28 RT

YALE AVENUE STA 53+80
WILDFIRE DRIVE STA 204+51

0-70" WIDE LANDSCAPE
BLOCK RET. WALL

MATCH LINE STA. 56+00 - SEE BELOW LEFT

MATCH LINE STA. 62+00 - SEE SHEET NO. 33

LEGEND

- INLET FILTER
- PERIMETER EROSION BARRIER
- SODDING
- TEMPORARY DITCH CHECK

BAXTER & WOODMAN
Consulting Engineers

DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	FILE - 150215sw-SH-ER2_Yale.dgn

VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS

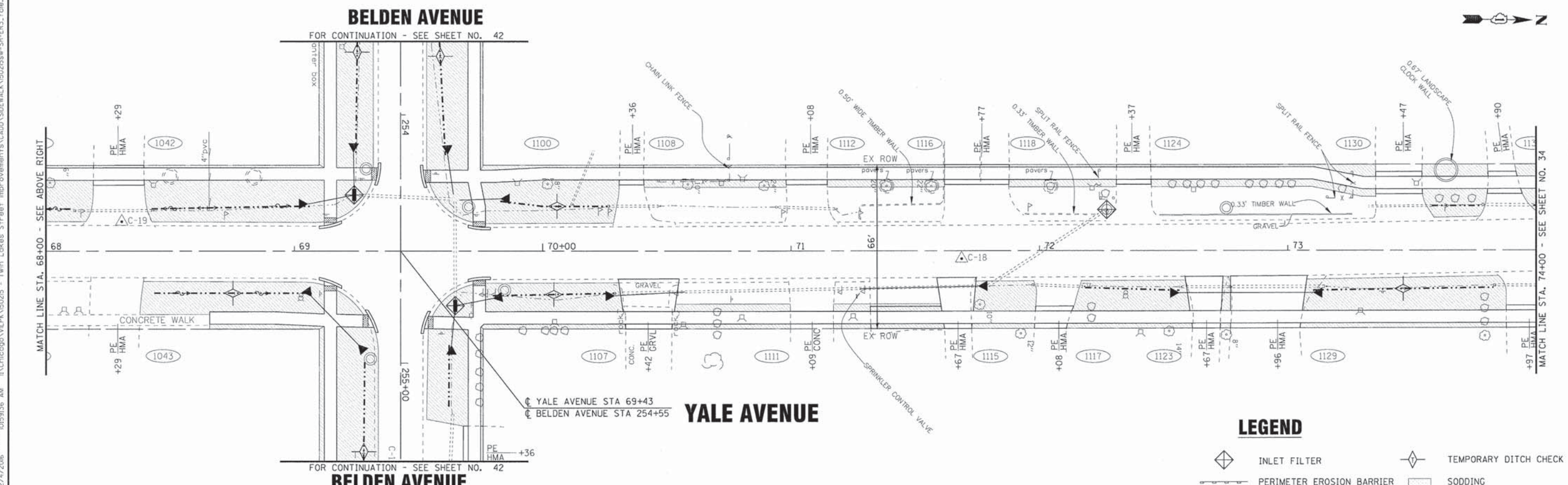
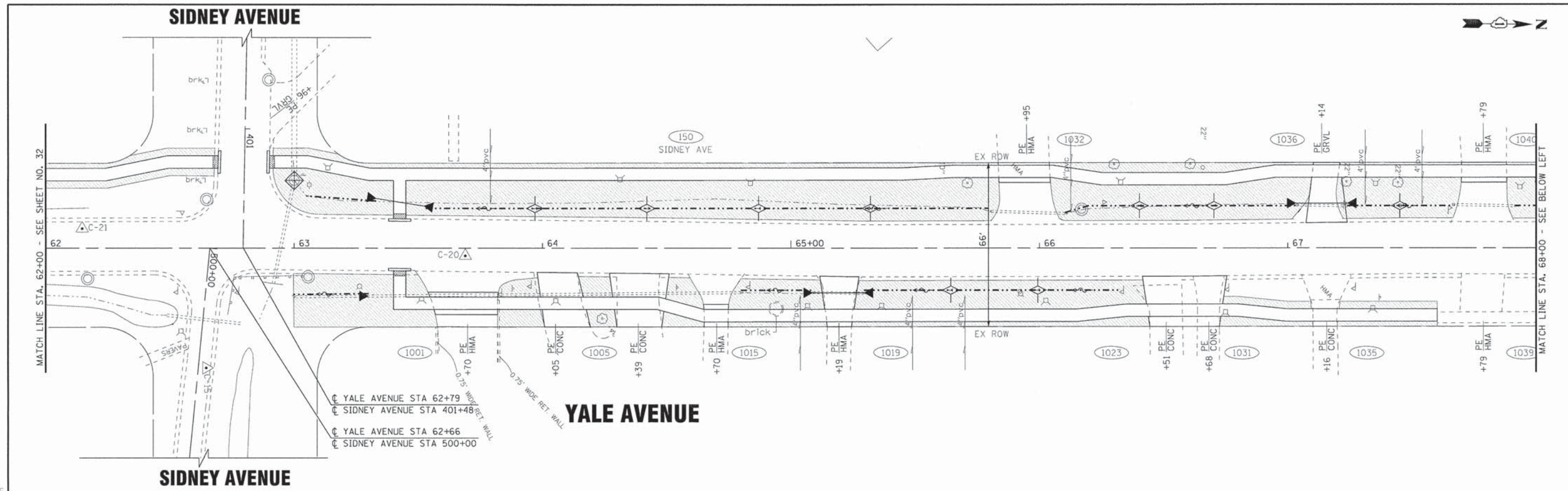
EROSION CONTROL PLAN
YALE AVENUE

SCALE: 1" = 20'

STA. 50+00 TO STA. 62+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	32
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(186)				

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 LICENSE NO. 184-00121 - EXPIRES 4/30/2017
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LEGEND

	INLET FILTER		TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER		SODDING

BAXTER & WOODMAN Consulting Engineers	DESIGNED - AMW	REVISED -
	DRAWN - KAR	REVISED -
	CHECKED - TMS	REVISED -
	DATE - 01/25/16	FILE - 150215sw-SH-ER3_Yale.dgn

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**EROSION CONTROL PLAN
YALE AVENUE**

SCALE: 1" = 20' STA. 62+00 TO STA. 74+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	33
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-40031861				

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 DATE: 01/25/16

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BAXTER & WOODMAN
Consulting Engineers

DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	FILE - 150215sw-SH-ER3A_Yale.dgn

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**EROSION CONTROL PLAN
YALE AVENUE**

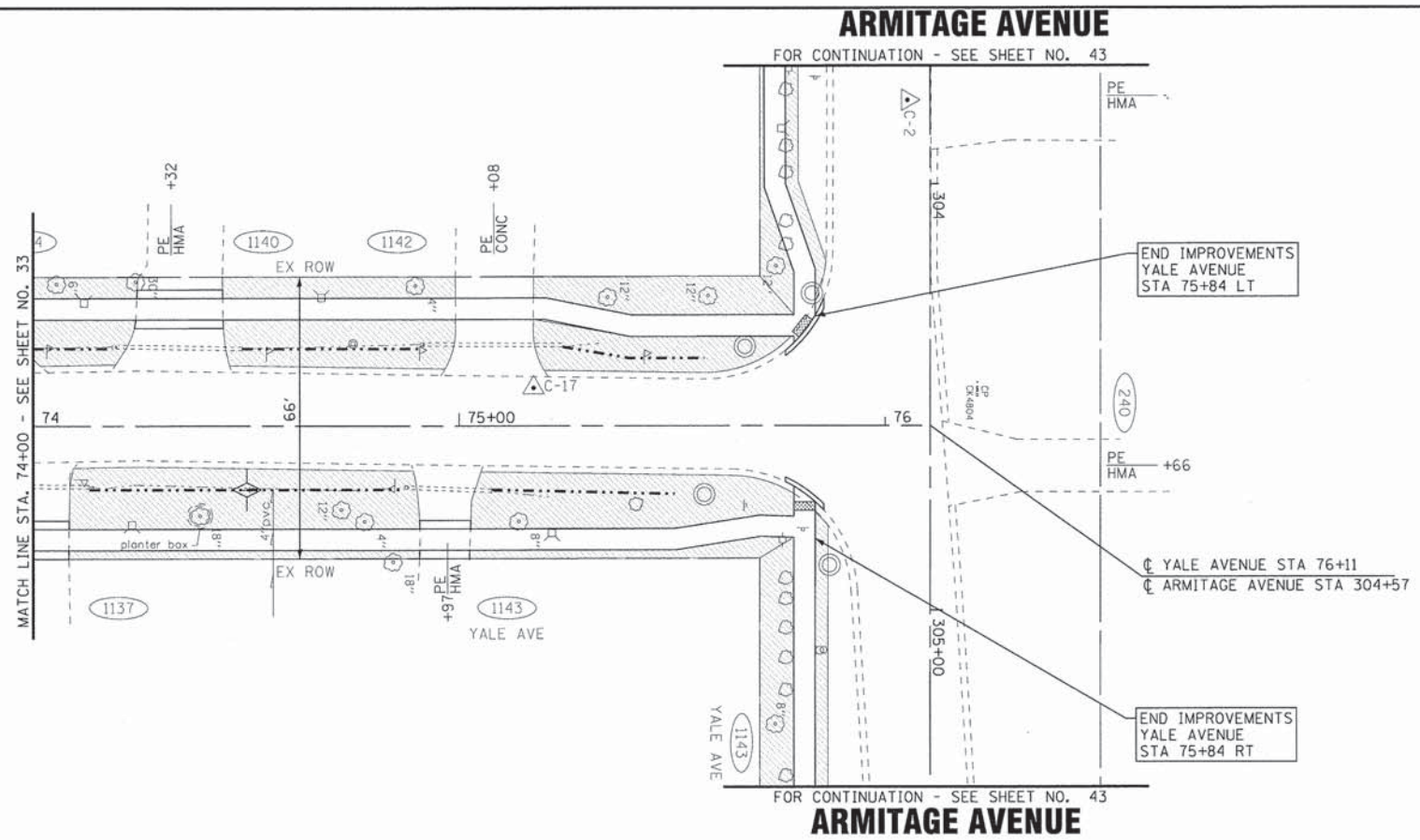
SCALE: 1" = 20'

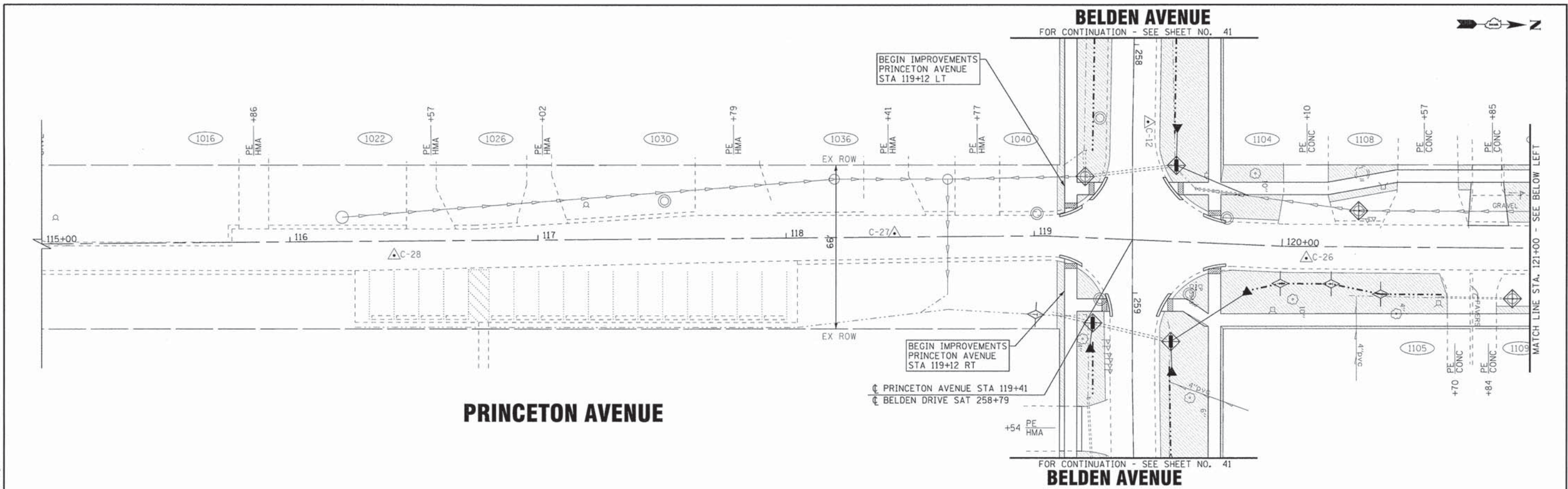
STA. 74+00 TO STA. 76+11

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	34
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				

LEGEND

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  SODDING





- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- SODDING

BAXTER & WOODMAN Consulting Engineers	DESIGNED - AMW	REVISED -
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	CHECKED - TMS	REVISED -
	DATE - 01/25/16	FILE - 150215sw-SH-ER4_Princeton.dgn

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**EROSION CONTROL PLAN
PRINCETON AVENUE**

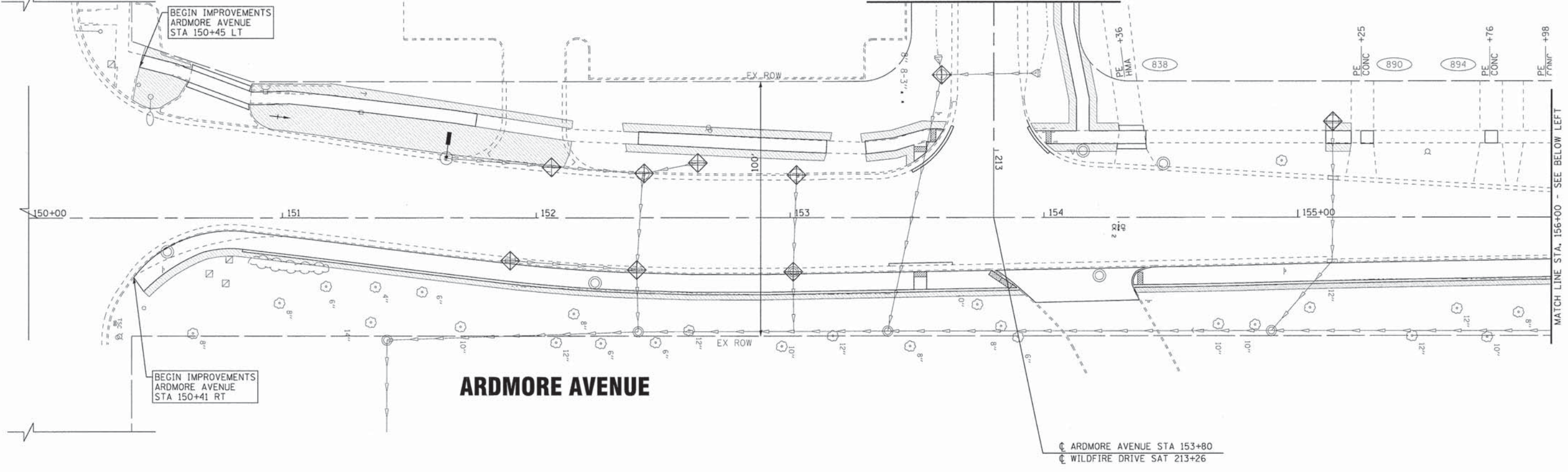
SCALE: 1" = 20'
STA. 115+00 TO STA. 126+14.5

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C-91-250-13	13-00092-00-SW	DuPAGE	72	35
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861			CONTRACT NO. 61C66	

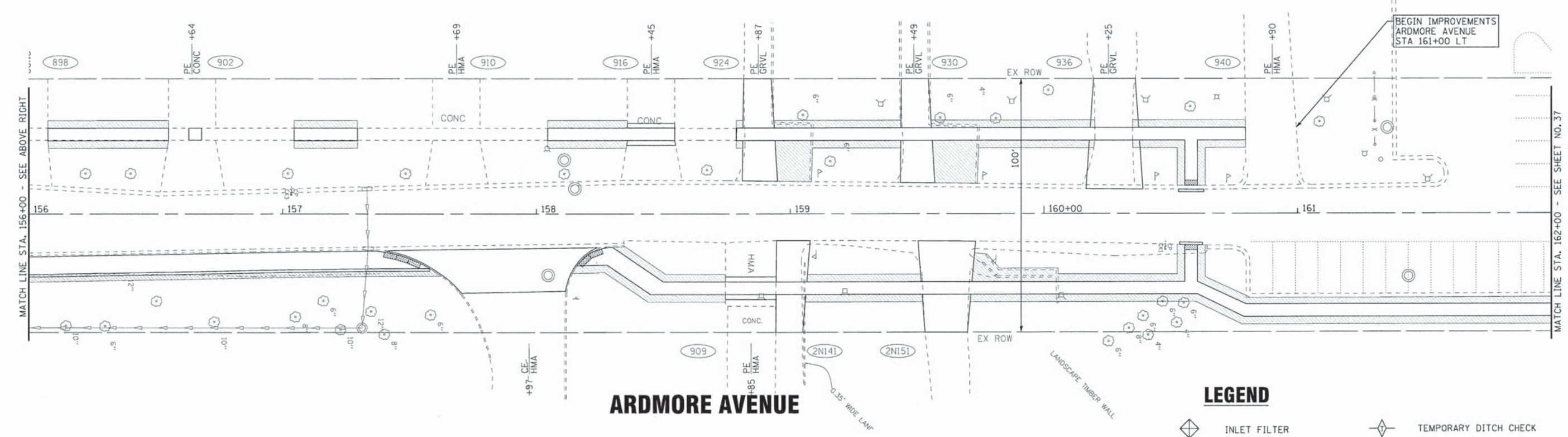
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 2/4/2016

NORTH AVENUE

WILDFIRE DRIVE
FOR CONTINUATION - SEE SHEET NO. 40



ARDMORE AVENUE



ARDMORE AVENUE

LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- SODDING

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DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	FILE - 150215sw-SH-ER5_Ardmore.dgn

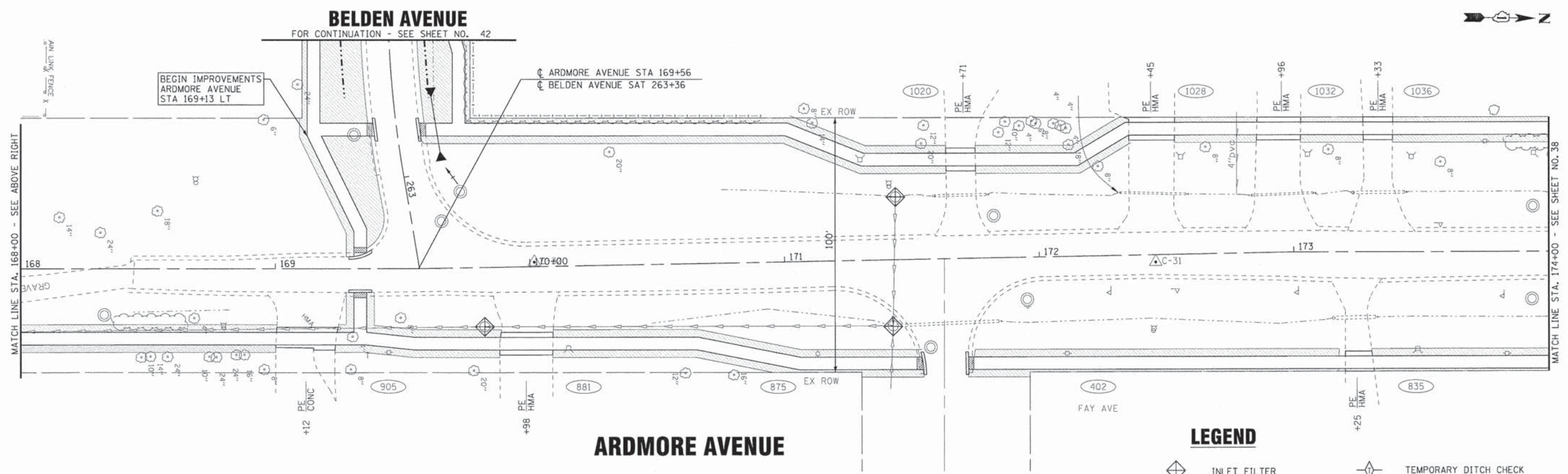
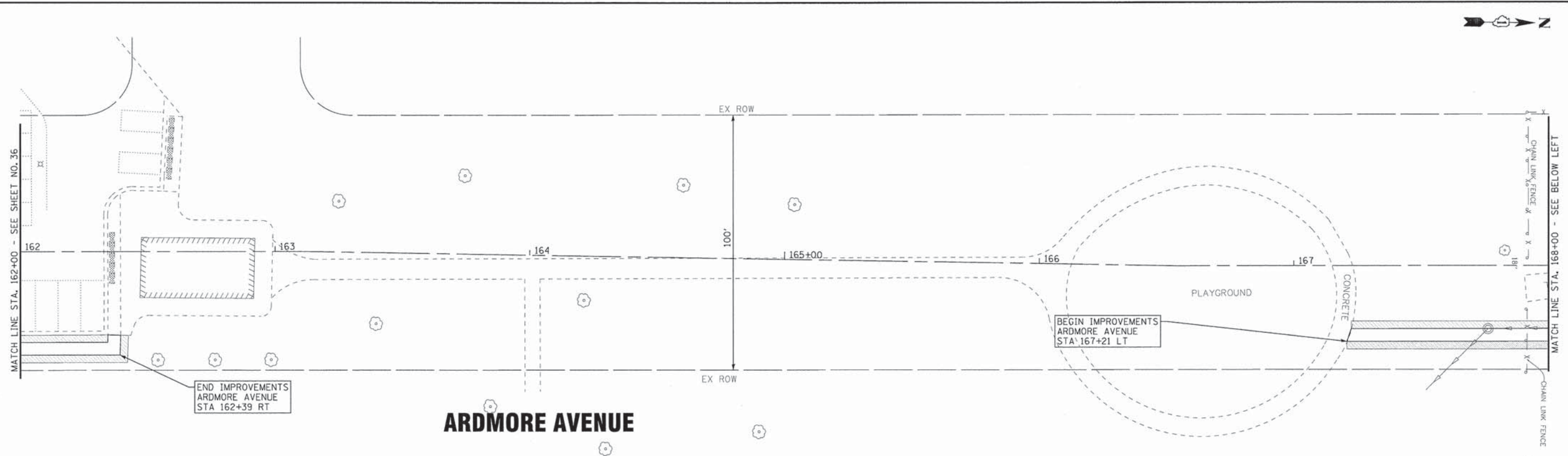
**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**EROSION CONTROL PLAN
ARDMORE AVENUE**

SCALE: 1" = 20'

STA. 150+00 TO STA. 162+00

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	36
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				



LEGEND

	INLET FILTER		TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER		SODDING

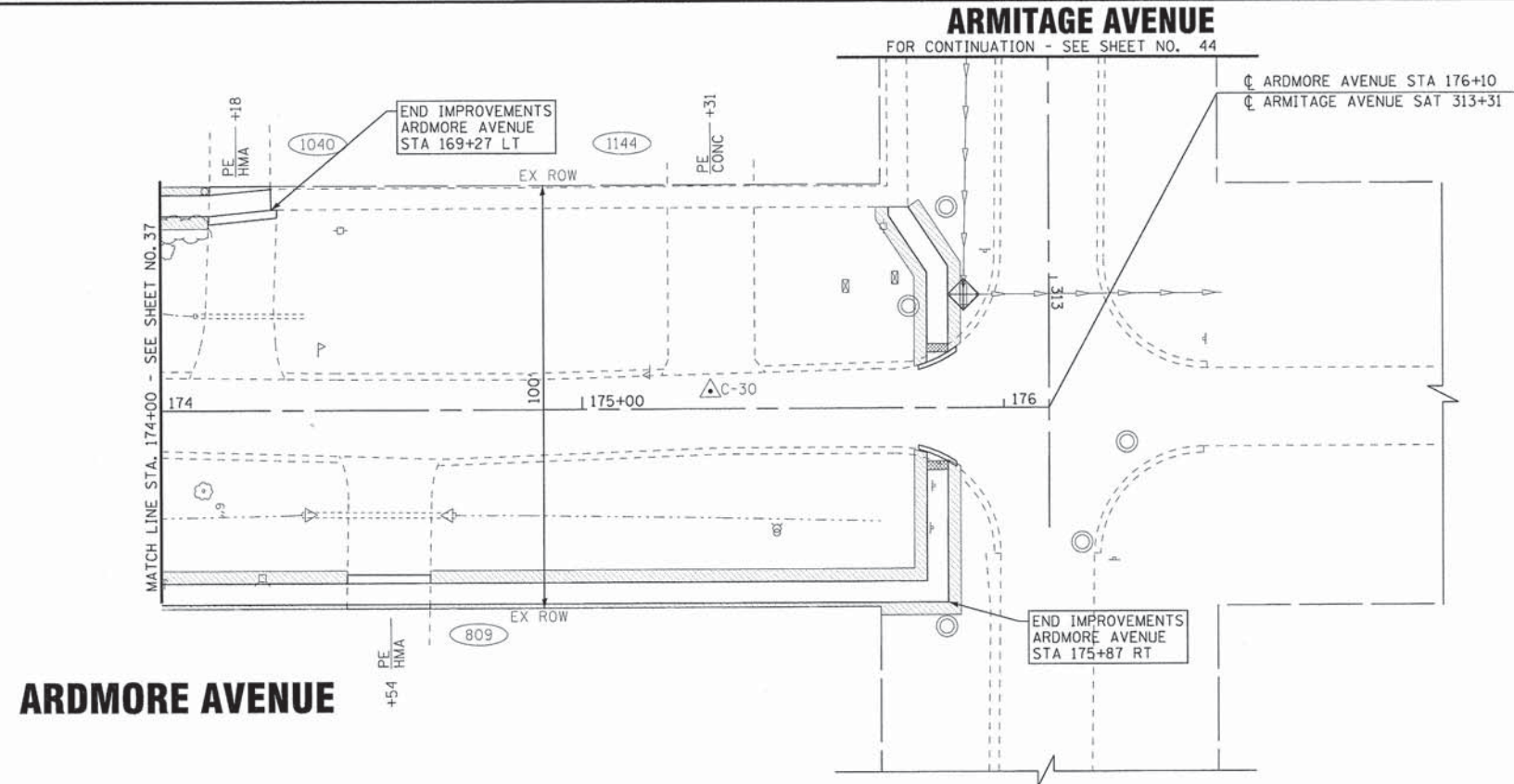
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	DRAWN - KAR	REVISED -
	CHECKED - TMS	REVISED -
	DATE - 01/25/16	FILE - 150215sw-SH-ER6_Ardmore.dgn

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

EROSION CONTROL PLAN ARDMORE AVENUE	
SCALE: 1" = 20'	STA. 162+00 TO STA. 174+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	37
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				

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 773.447.1000



ARDMORE AVENUE

ARMITAGE AVENUE

ARDMORE AVENUE STA 176+10
ARMITAGE AVENUE STA 313+31

LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- SODDING

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DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	FILE - 150215sw-SH-ER7_Ardmore.dgn

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**EROSION CONTROL PLAN
ARDMORE AVENUE**

SCALE: 1" = 20'
STA. 174+00 TO STA. 176+10

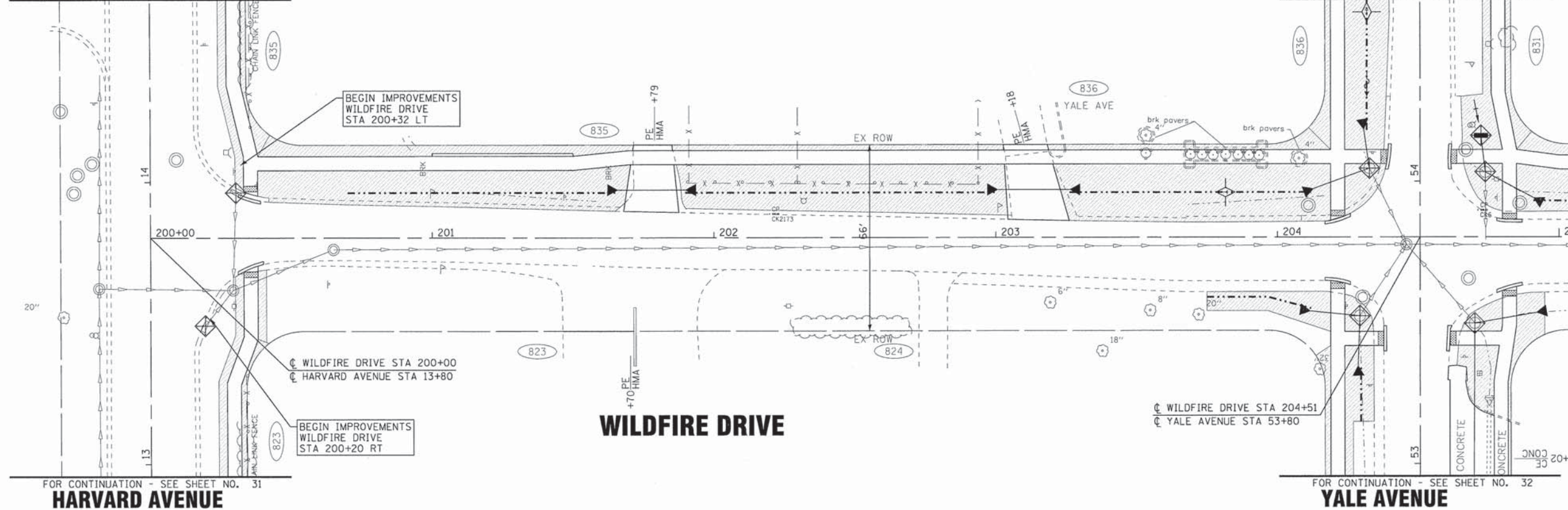
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	38
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003186				

HARVARD AVENUE

FOR CONTINUATION - SEE SHEET NO. 31

YALE AVENUE

FOR CONTINUATION - SEE SHEET NO. 32



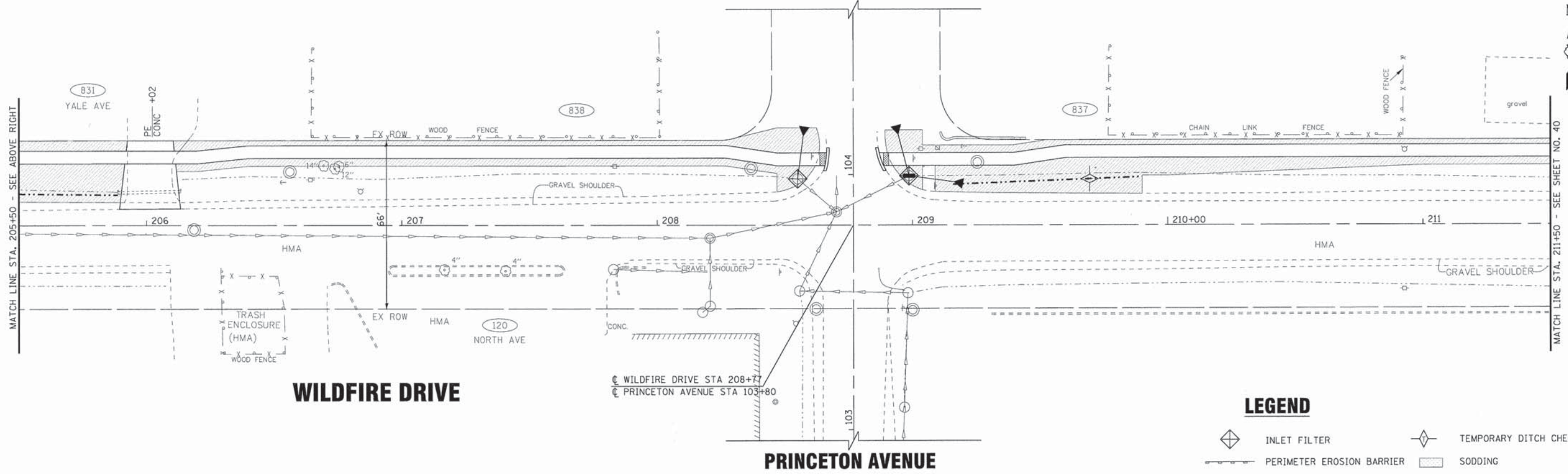
FOR CONTINUATION - SEE SHEET NO. 31

HARVARD AVENUE

FOR CONTINUATION - SEE SHEET NO. 32

YALE AVENUE

PRINCETON AVENUE



MATCH LINE STA. 205+50 - SEE ABOVE RIGHT

MATCH LINE STA. 211+50 - SEE SHEET NO. 40

WILDFIRE DRIVE

PRINCETON AVENUE

LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- SODDING

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BAXTER & WOODMAN Consulting Engineers	DESIGNED - AMW	REVISED -
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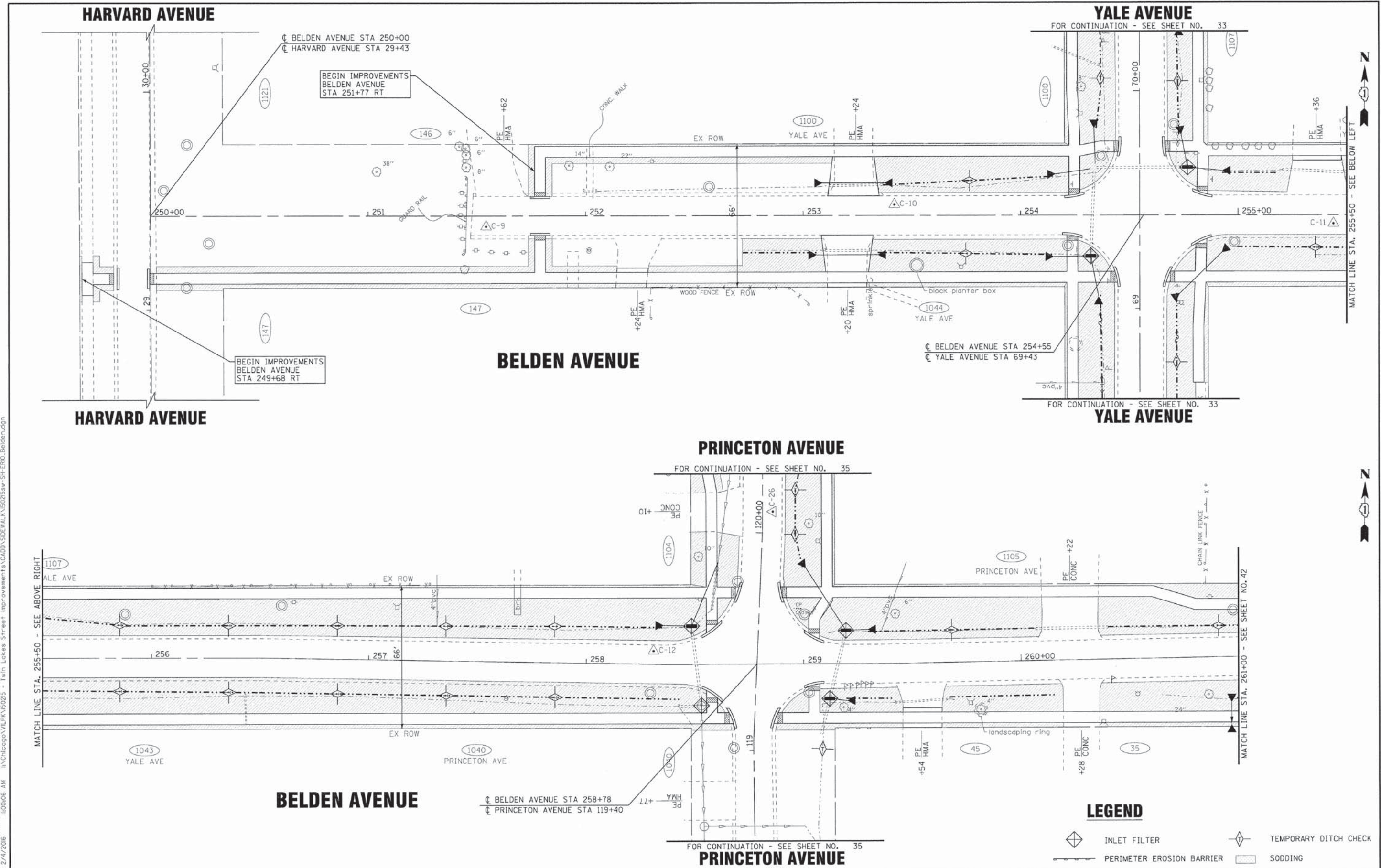
**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**EROSION CONTROL PLAN
WILDFIRE DRIVE**

SCALE: 1" = 20'

STA. 200+00 TO STA. 211+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	39
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				



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BAXTER & WOODMAN Consulting Engineers	DESIGNED - AMW	REVISED -
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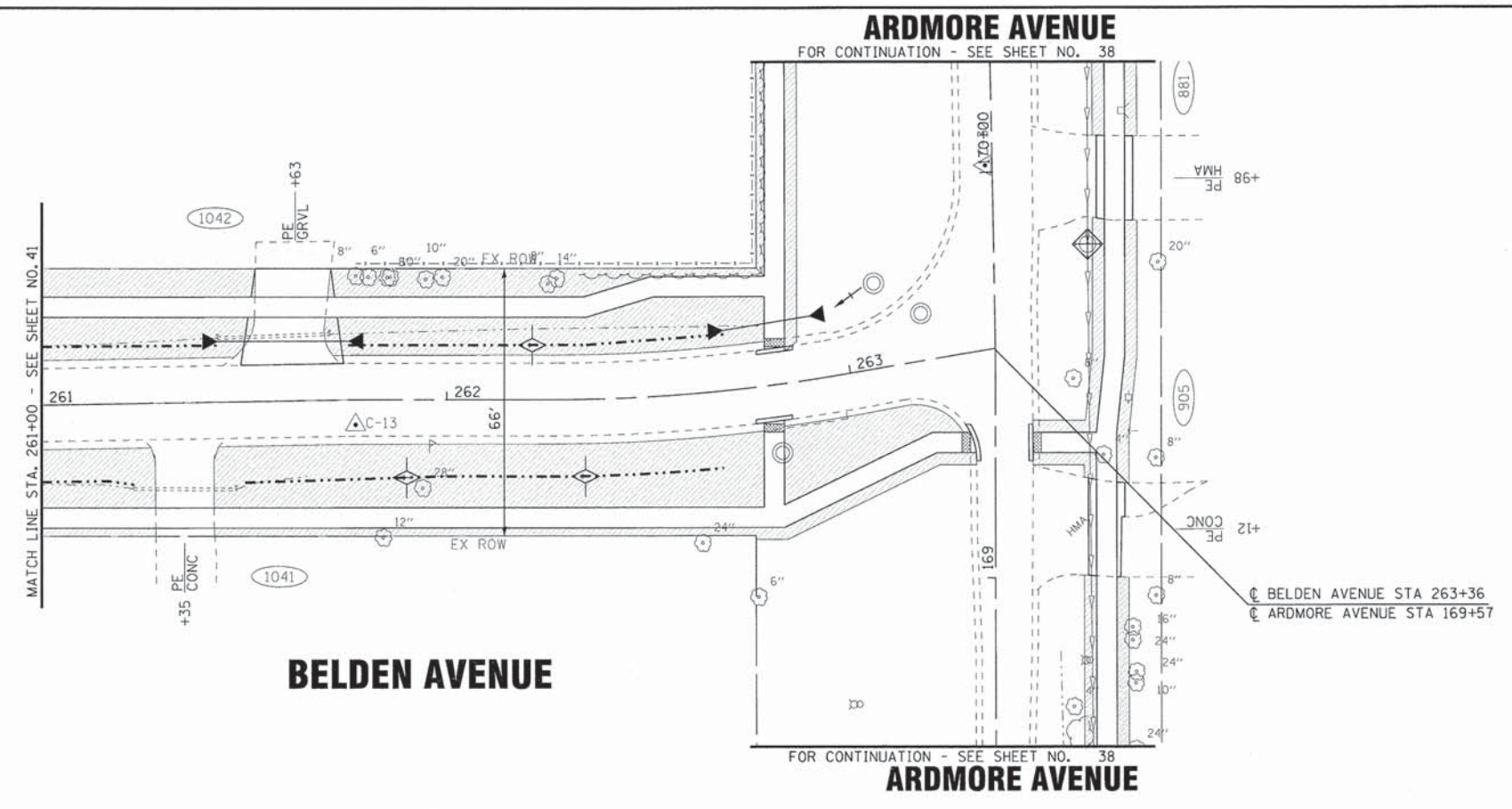
**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

EROSION CONTROL PLAN BELDEN AVENUE	
SCALE: 1" = 20'	STA. 250+00 TO STA. 261+00

LEGEND

	INLET FILTER		TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER		SODDING

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	41
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				



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BAXTER & WOODMAN Consulting Engineers	DESIGNED - AMW	REVISED -
	DRAWN - KAR	REVISED -
	CHECKED - TMS	REVISED -
	DATE - 01/25/16	FILE - 150215aw-SH-ERL1.Belden.dgn

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

EROSION CONTROL PLAN BELDEN AVENUE	
SCALE: 1" = 20'	STA. 261+00 TO STA. 263+36

LEGEND

	INLET FILTER		TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER		SODDING

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	42
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				

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BAXTER & WOODMAN Consulting Engineers	DESIGNED - AMW	REVISED -
	DRAWN - KAR	REVISED -
	CHECKED - TMS	REVISED -
	DATE - 01/25/16	FILE - 150215sw-sh-er13.Armitage.dgn

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**EROSION CONTROL PLAN
ARMITAGE AVENUE**

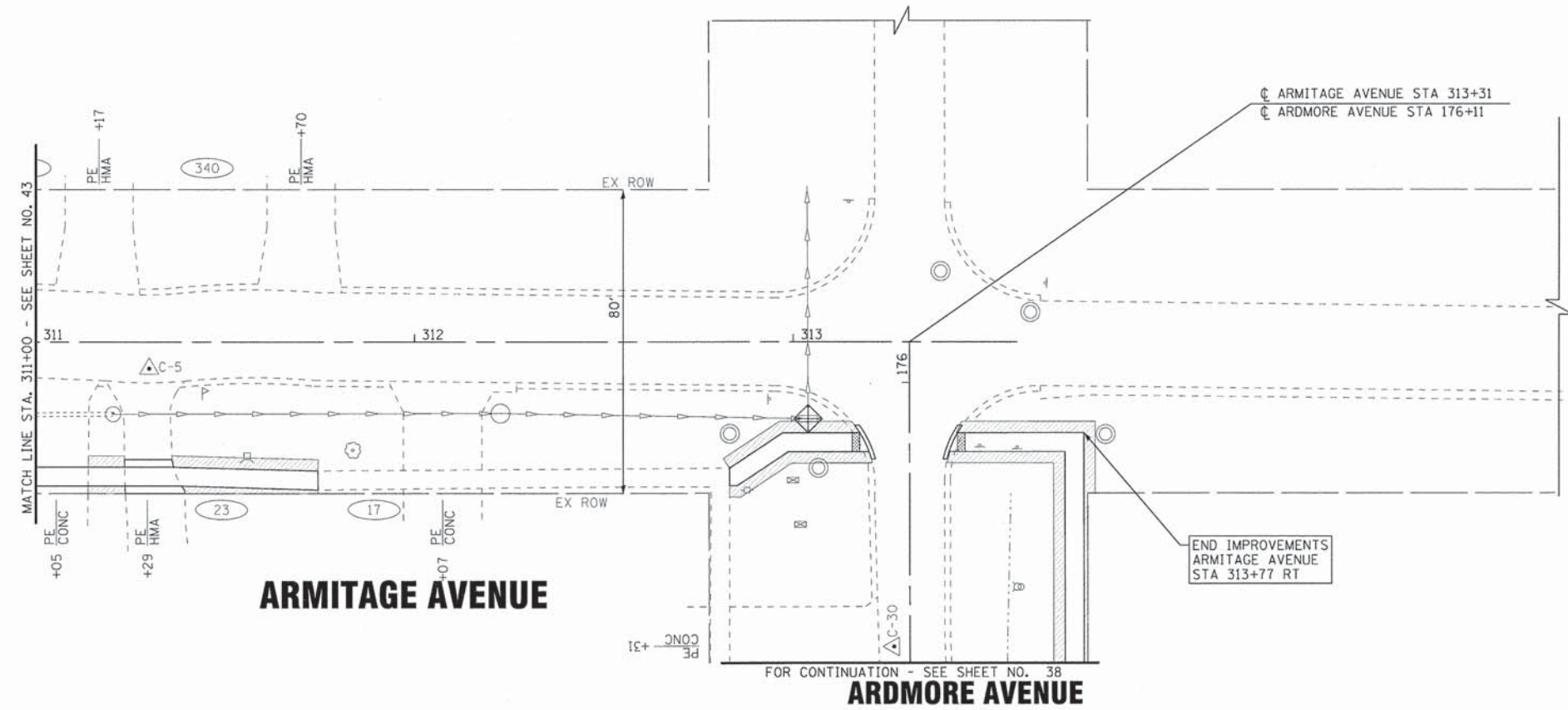
SCALE: 1" = 20'

STA. 311+00 TO STA. 313+31

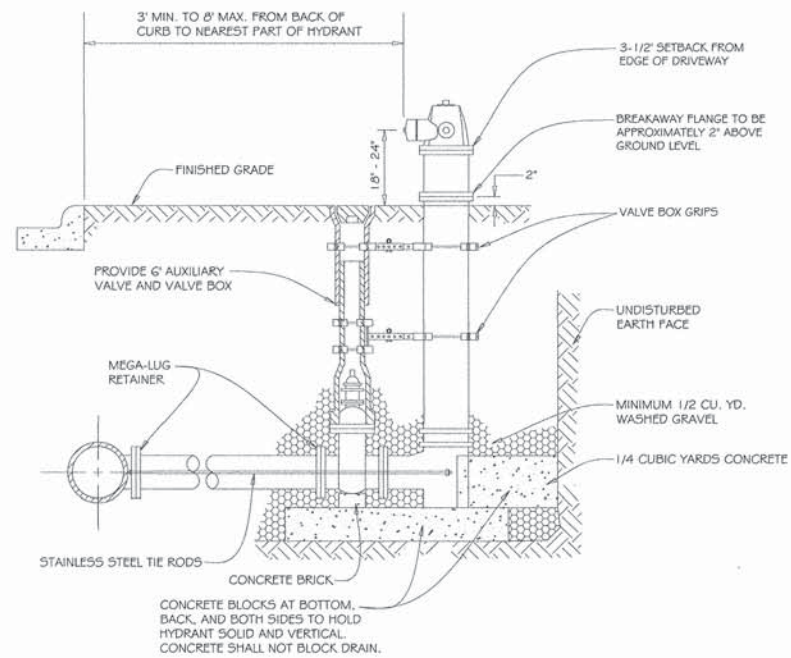
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	13-00092-00-SW	DuPAGE	72	44
C-91-250-13			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031861				

LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- SODDING



MATCH LINE STA. 305+50 - SEE BELOW LEFT

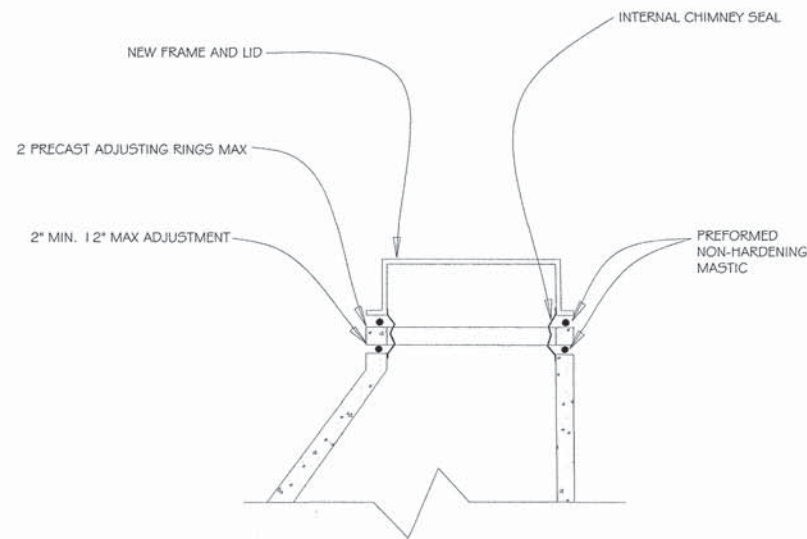


GENERAL NOTES:

1. MAXIMUM BARREL EXTENSIONS ARE 18 INCHES AND SHALL BE WATEROUS EXTENSION FOR WATEROUS HYDRANTS.
2. ALL HYDRANTS ARE TO BE SUPPLIED WITH A 6" FLANGED AND MECHANICAL JOINT AUXILIARY VALVE THAT CONFORMS TO AWWA 500-80. ALL TRIM BOLTS ARE TO BE STAINLESS STEEL.
3. ALL BELOW GRADE FASTENERS TO BE STAINLESS STEEL:
 A. BOLTS AND THREADED RODS - GRADE #304
 B. NUTS AND WASHERS - GRADE #300
4. MEGA-LUG RETAINERS MUST BE INSTALLED ON ALL MECHANICAL FITTINGS.

NOT TO SCALE

REV: RMS	DATE: JUL 2004	FIRE HYDRANT SETTING	VILLAGE OF VILLA PARK WATER - 04
DRAWN BY: VV	DATE: JAN 2003		

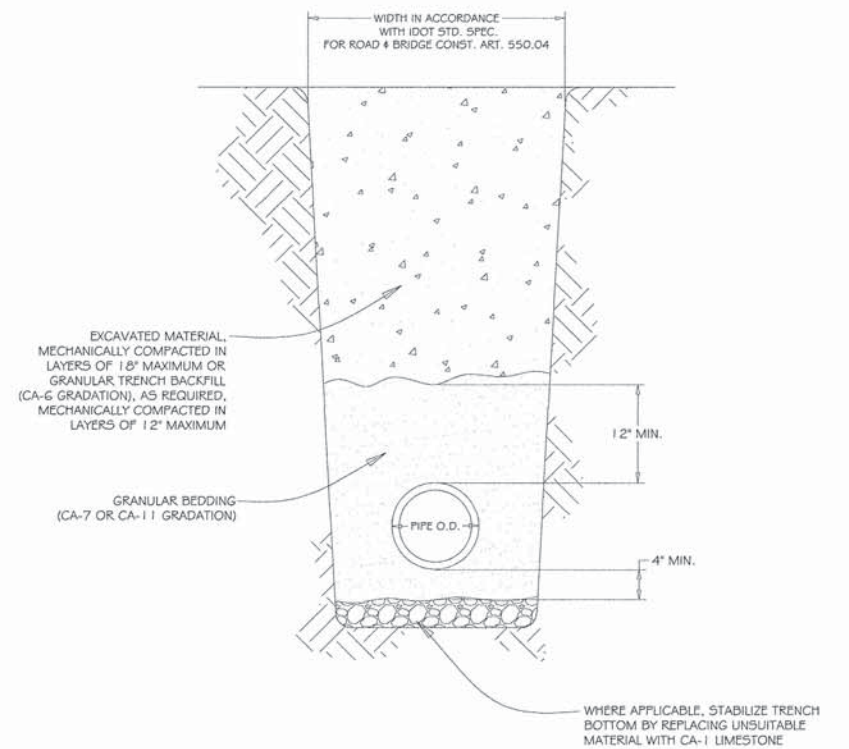


GENERAL NOTES:

1. INTERNAL MANHOLE CHIMNEY SEAL CONFORMING ASTM C-923
~~CRETIX OR APPROVED EQUAL~~ (SANITARY AND COMBINED MANHOLES ONLY)

NOT TO SCALE

REV: RMS	DATE: JUL 2004	TYPICAL ADJUSTMENT	VILLAGE OF VILLA PARK SANITARY - 06
DRAWN BY: VV	DATE: JAN 2003		



GENERAL NOTES:

1. GRANULAR TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED IN LAYERS OF 12" MAXIMUM, LOOSE MEASURE, TO 95% OF STANDARD MAXIMUM DENSITY (ASTM D 698)
2. EXCAVATED MATERIAL USED FOR BACKFILL SHALL BE MECHANICALLY COMPACTED IN LAYERS OF 18" MAXIMUM, LOOSE MEASURE, TO 90% OF STANDARD MAXIMUM DENSITY (ASTM D 698)

NOT TO SCALE

REV: KJM	DATE: 10/12/2006	PIPE INSTALLATION	VILLAGE OF VILLA PARK SANITARY - 08
DRAWN BY: VIV	DATE: 01/2003		

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 LICENSE NO. 184-00121 - EXPIRES 4/30/2017
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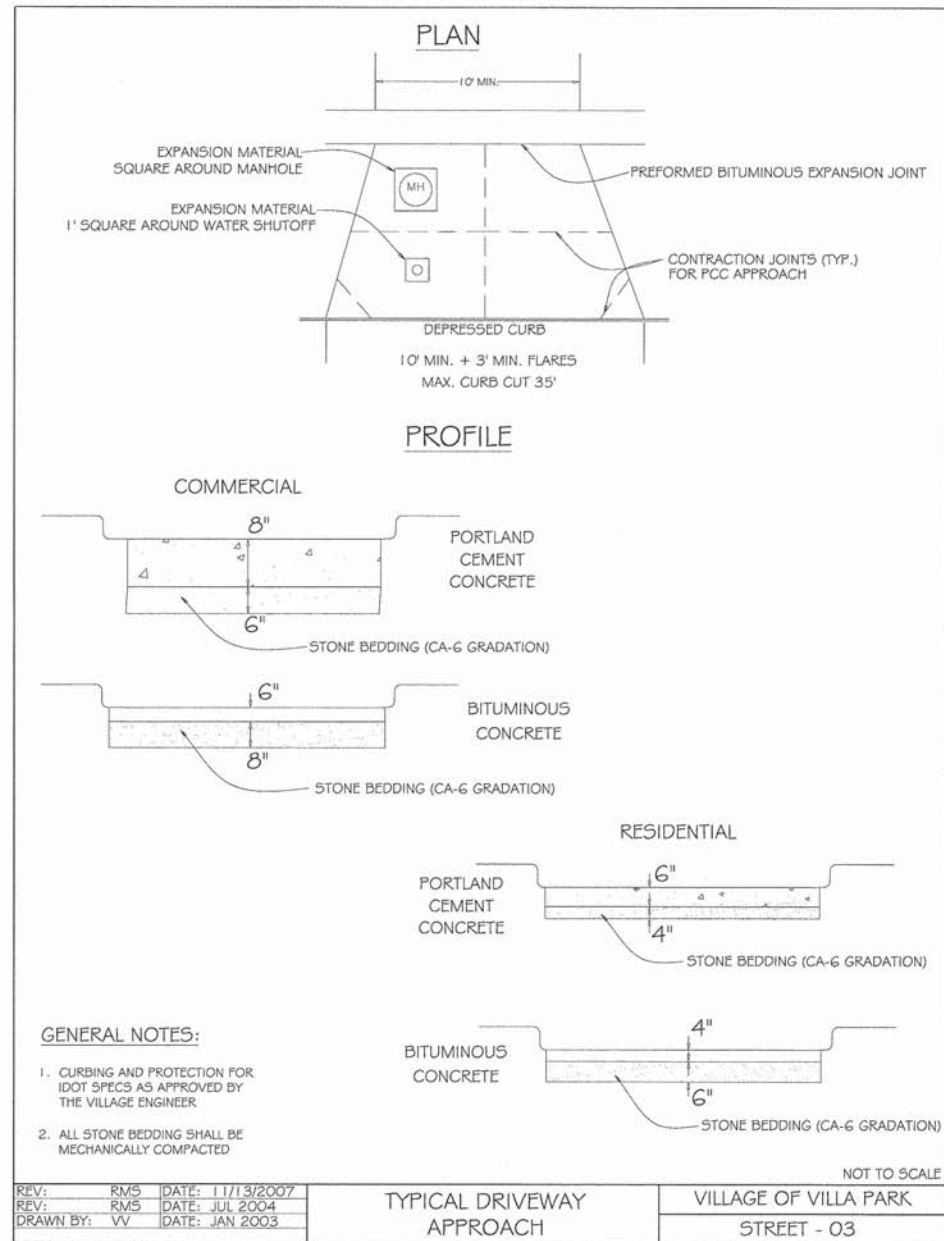
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DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	FILE - 150215sw-SH-Misc Details.dgn

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

MISCELLANEOUS DETAILS

SCALE: STA. TO STA.

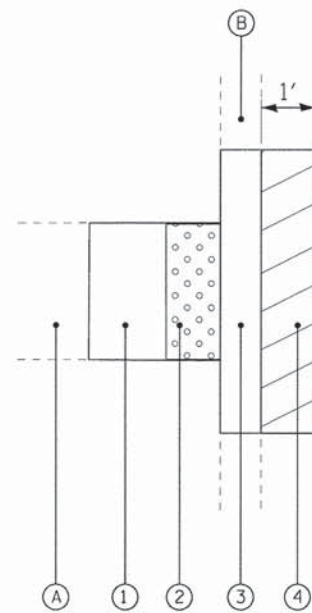
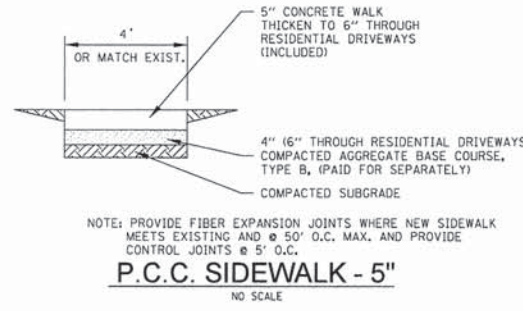
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	46
C-91-250-13		CONTRACT NO. 61C66		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-4003(186)				



GENERAL NOTES:

- CURBING AND PROTECTION FOR IDOT SPECS AS APPROVED BY THE VILLAGE ENGINEER.
- ALL STONE BEDDING SHALL BE MECHANICALLY COMPACTED

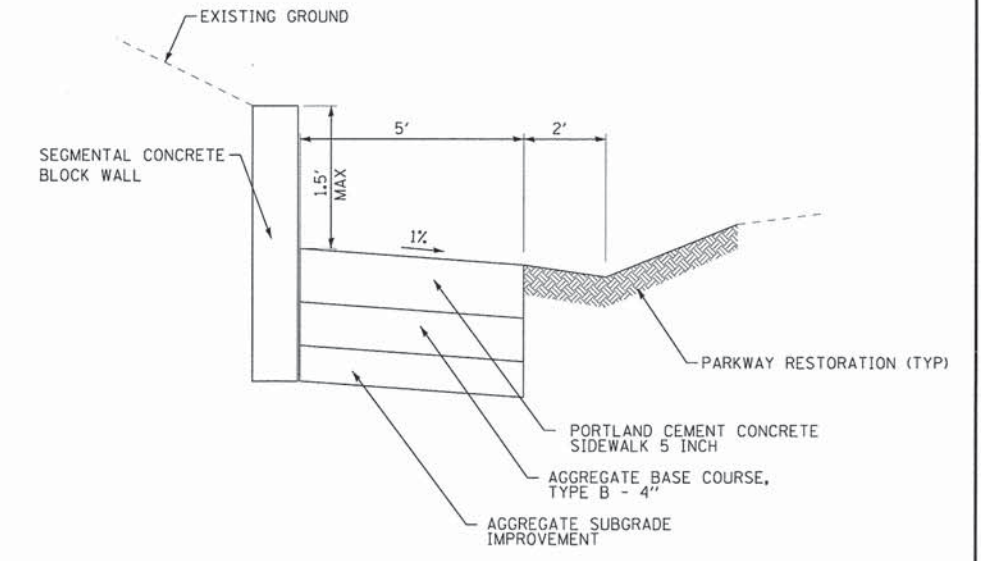
REV: RMS	DATE: 11/13/2007	TYPICAL DRIVEWAY APPROACH	VILLAGE OF VILLA PARK STREET - 03
REV: RMS	DATE: JUL 2004		
DRAWN BY: VV	DATE: JAN 2003		



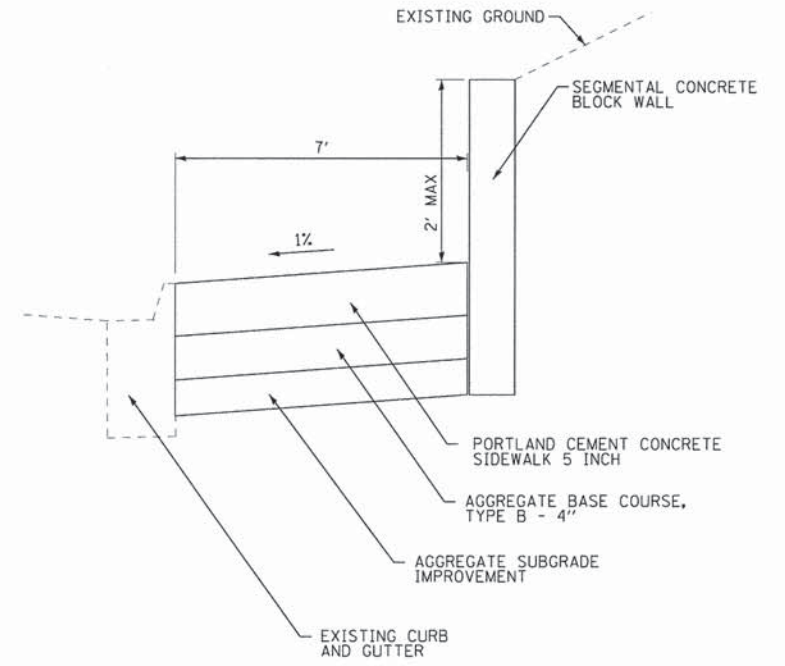
- | | |
|------------------------------|--|
| EXISTING LEGEND | PROPOSED LEGEND |
| (A) EXISTING SIDEWALK | (1) PORTLAND CEMENT CONCRETE SIDEWALK |
| (B) EXISTING CURB AND GUTTER | (2) DETECTABLE WARNINGS |
| | (3) PROPOSED CONCRETE CURB AND GUTTER |
| | (4) INCIDENTAL HOT-MIX ASPHALT SURFACING |

INCIDENTAL HOT-MIX ASPHALT PAVING DETAIL

NOTE:
ADDITIONAL AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT OR EMBANKMENT AS DETERMINED BY THE ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE THE CONTRACTOR. A QUANTITY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL SHALL ALSO BE DEDUCTED WITH NO ADDITIONAL COMPENSATION DUE THE CONTRACTOR.



WILDFIRE AVENUE DETAIL
STA 201+00 TO STA 201+50, LT



ARDMORE AVENUE DETAIL
STA 150+41 TO STA 158+50, RT

DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	FILE - 150215sw-SH-Misc Details.dgn

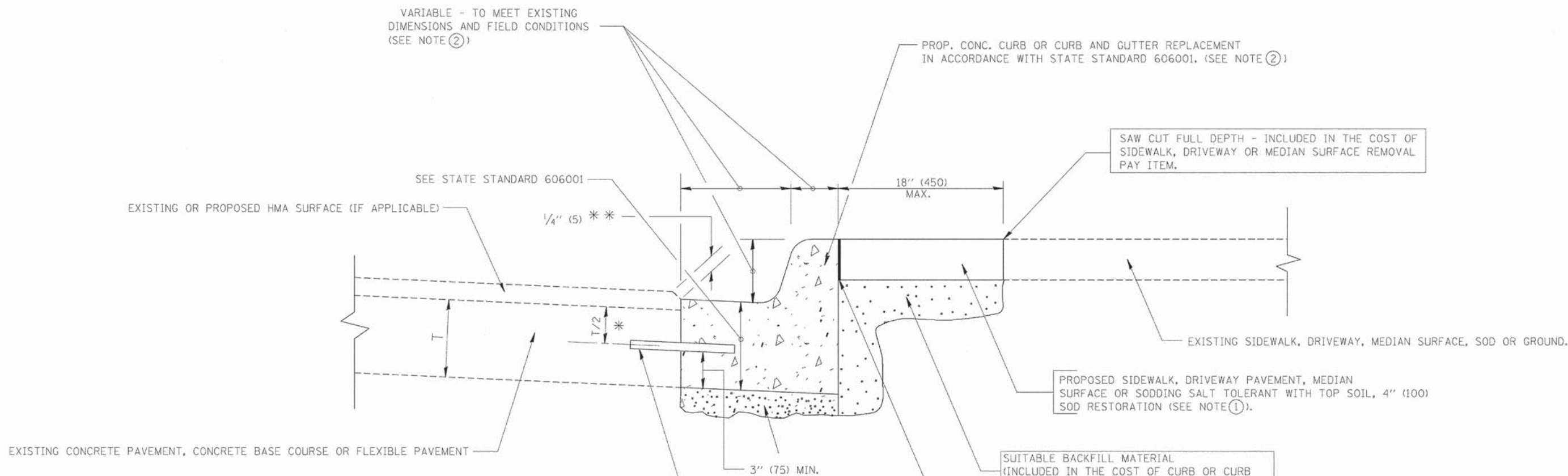
**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

MISCELLANEOUS DETAILS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	47
C-91-250-13		CONTRACT NO. 61C65		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-40031086				

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- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
 - * * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

- SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

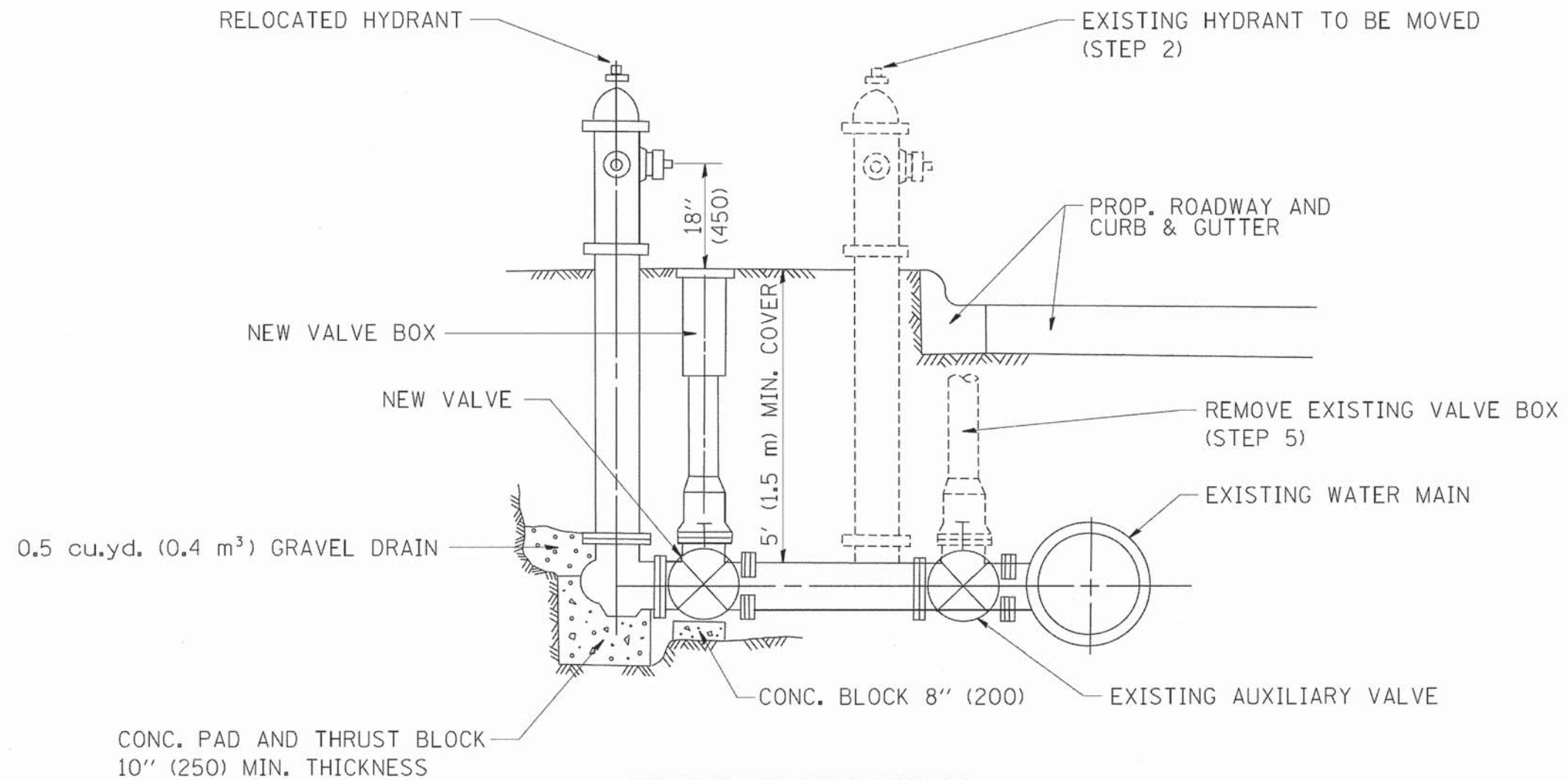
BASIS OF PAYMENT:
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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 2/17/2009

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drvakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	13-00092-00-SW	DuPAGE	72	48
		CHECKED -	REVISED - M. GOMEZ 01-22-01							BD600-06 (BD-24)			CONTRACT NO. 61C66
		DATE - 03-11-94	REVISED - R. BORO 12-15-09							FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-4003(186)	



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

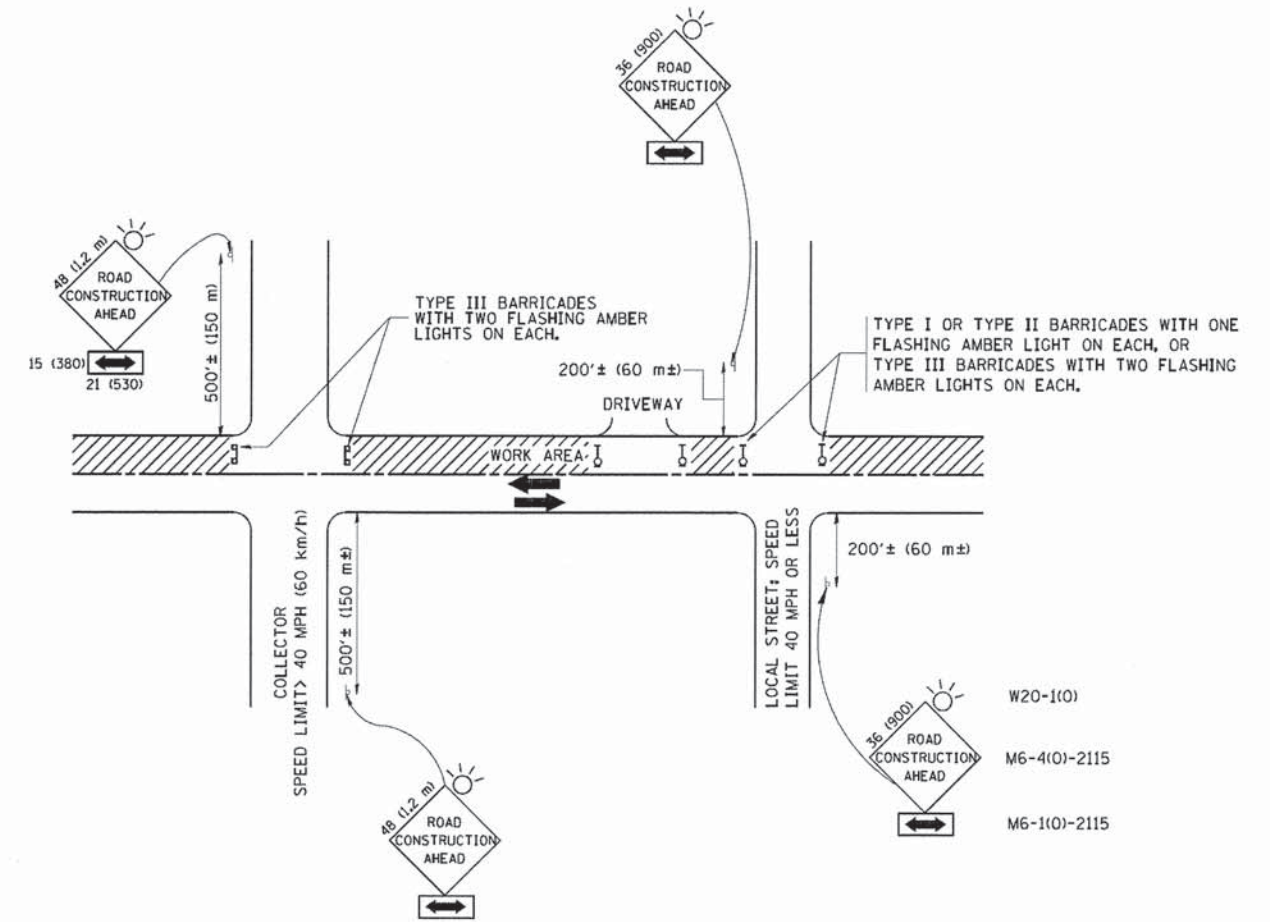
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		DRAWN -	REVISED - R. SHAH 10-25-94
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/4/2008		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIRE HYDRANT TO BE MOVED			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	49
BD-36			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(186)				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAYS:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
 - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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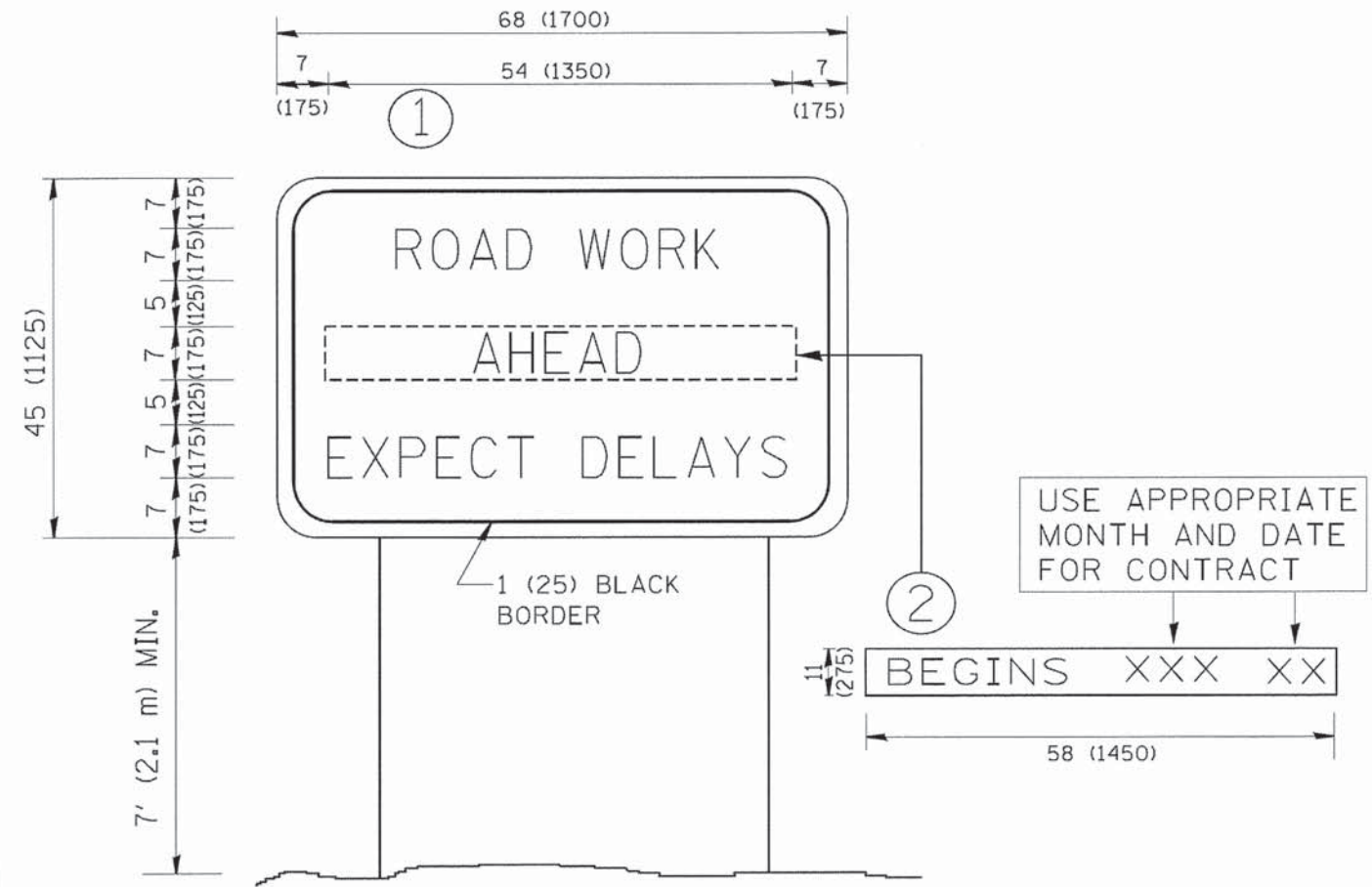
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PLOT DATE = 1/4/2008	DATE - 06-89	REVISOR - T. RAMMACHER 01-06-00	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	50
TC-10			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT M-4003(186)				

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NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

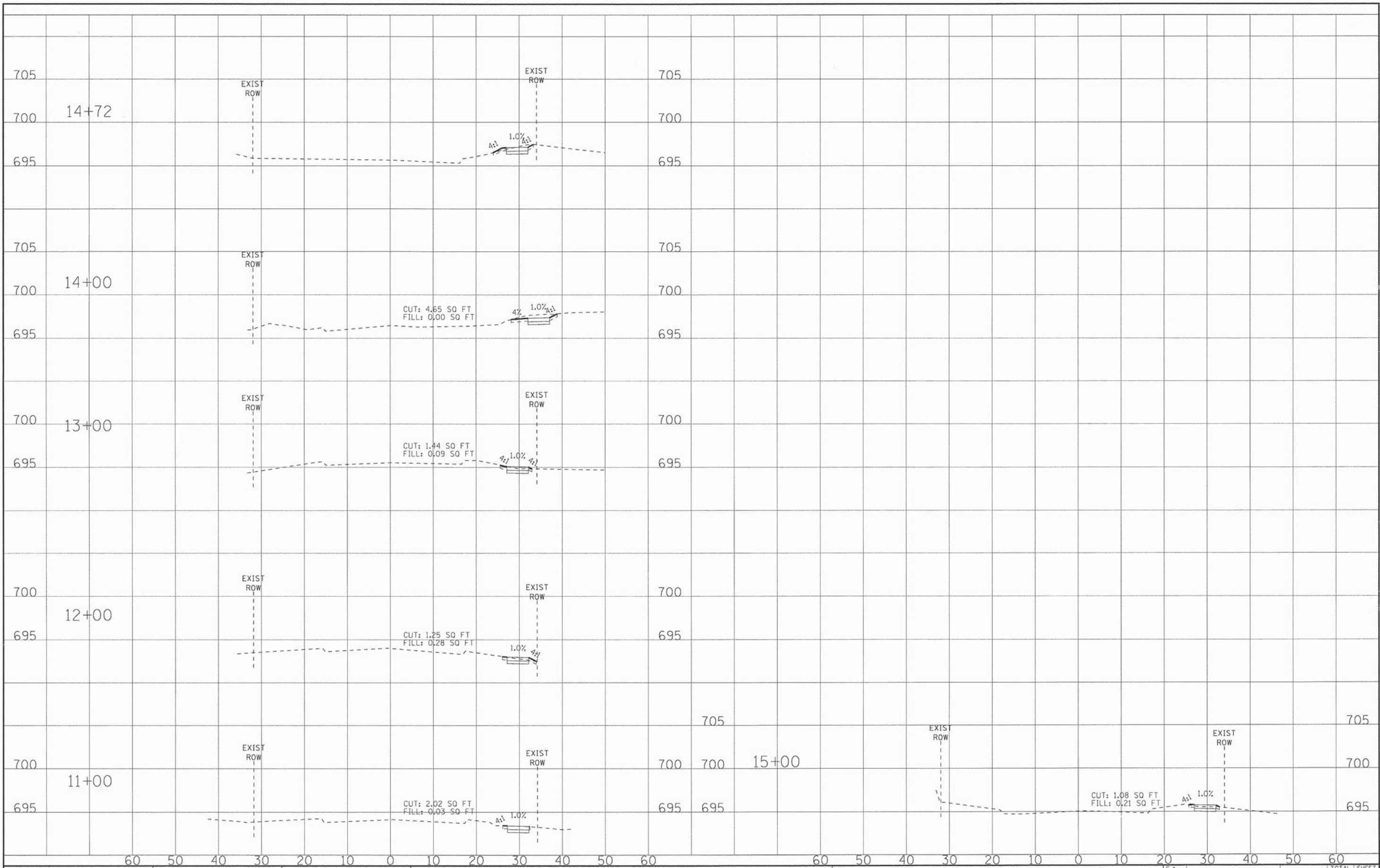
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PLOT DATE = 1/4/2008	DATE -	REVISED - T. RAMMACHER 02-02-99	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	52
TC-22			CONTRACT NO. 61C66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(186)				



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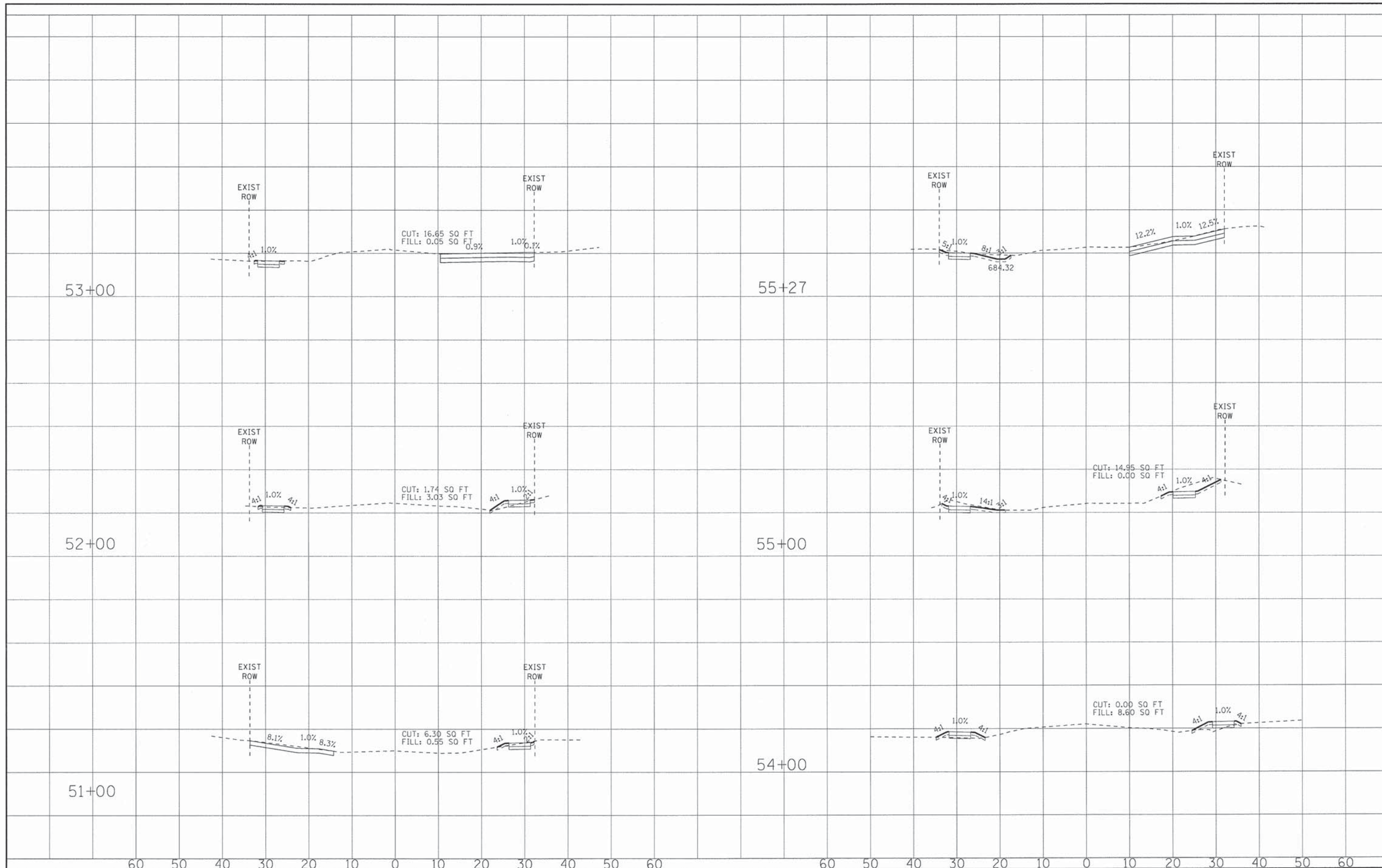
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CHECKED - TMS	REVISED -
DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
HARVARD AVENUE**

SCALE: H: 1"=10' V: 1"=5' STA. 11+00 TO STA. 19+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SECTION NO.	DuPAGE	72	53
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO.				



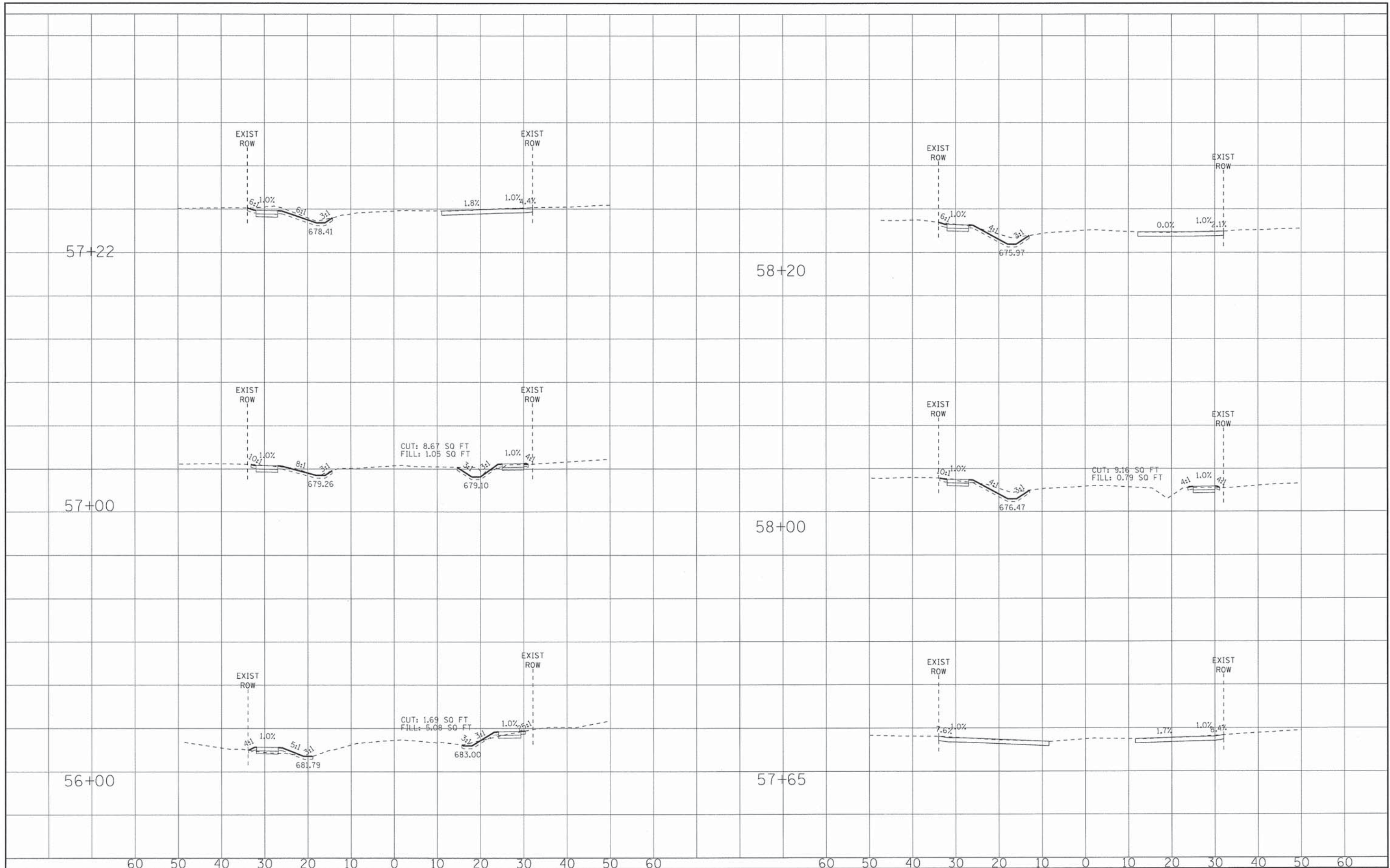
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CHECKED - TMS	REVISED -
DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
YALE AVENUE**
SCALE: H: 1"=10' V: 1"=5'
STA. 50+00 TO STA. 55+27

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	54
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



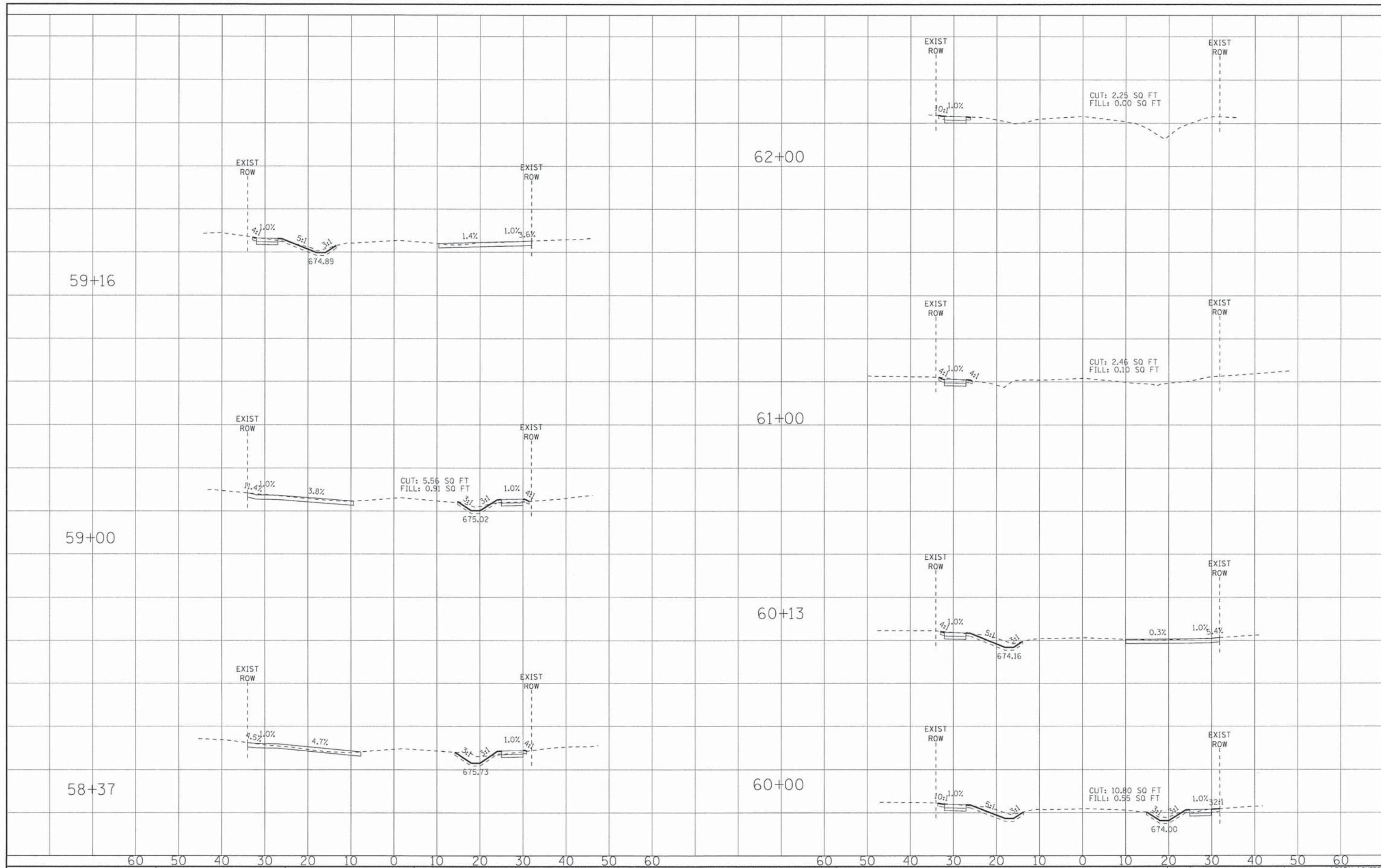
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DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
YALE AVENUE**
SCALE: H: 1"=10' V: 1"=5'
STA. 56+00 TO STA. 58+20

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	#CO	72	55
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

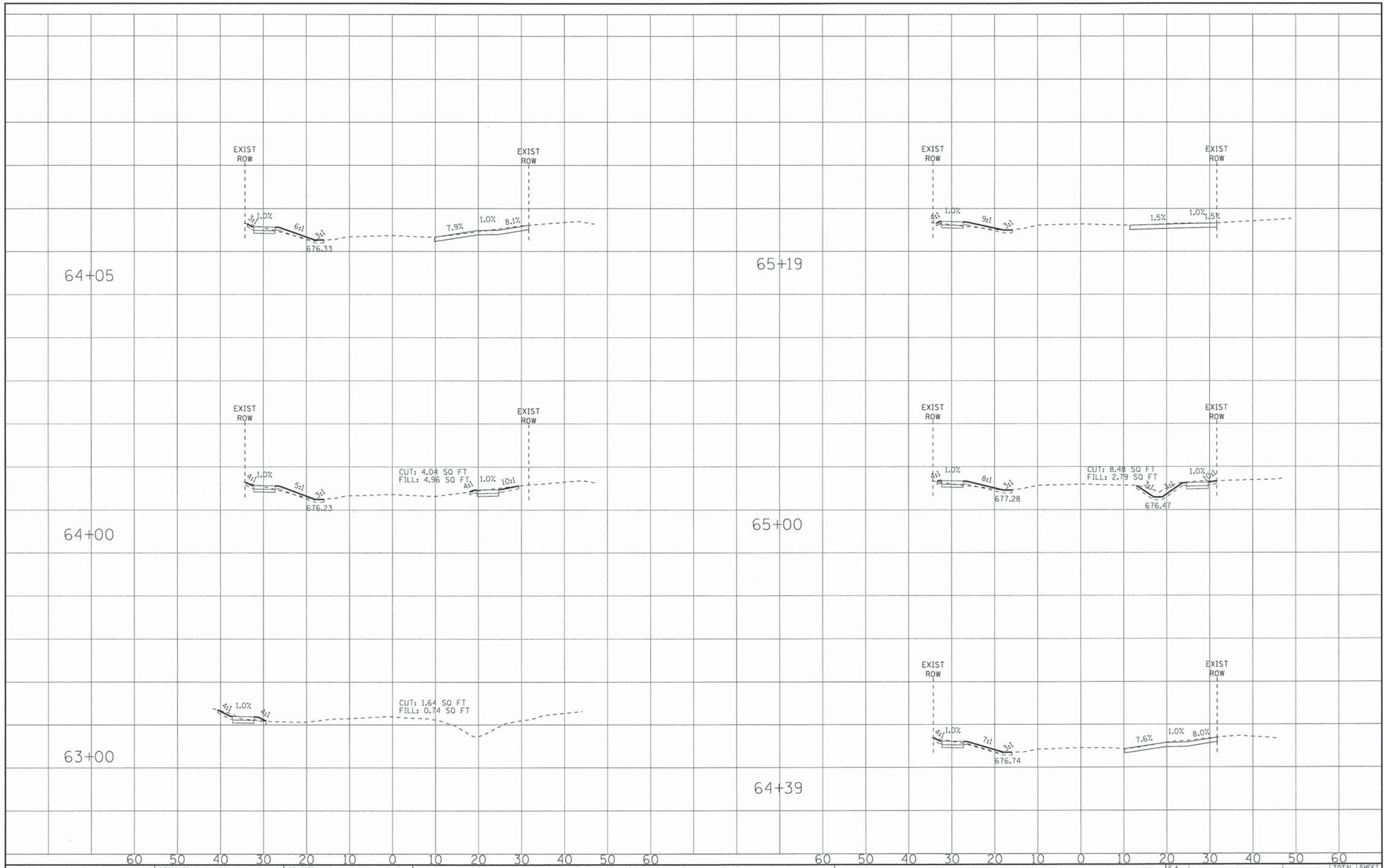


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	CHECKED - TMS	REVISED -
	DATE - 01/25/16	REVISED -

VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS

CROSS SECTIONS
YALE AVENUE
 SCALE: H: 1"=10' V: 1"=5'
 STA. 58+37 TO STA. 62+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	56
CONTRACT NO.				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



64+05

65+19

64+00

65+00

63+00

64+39

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Consulting Engineers

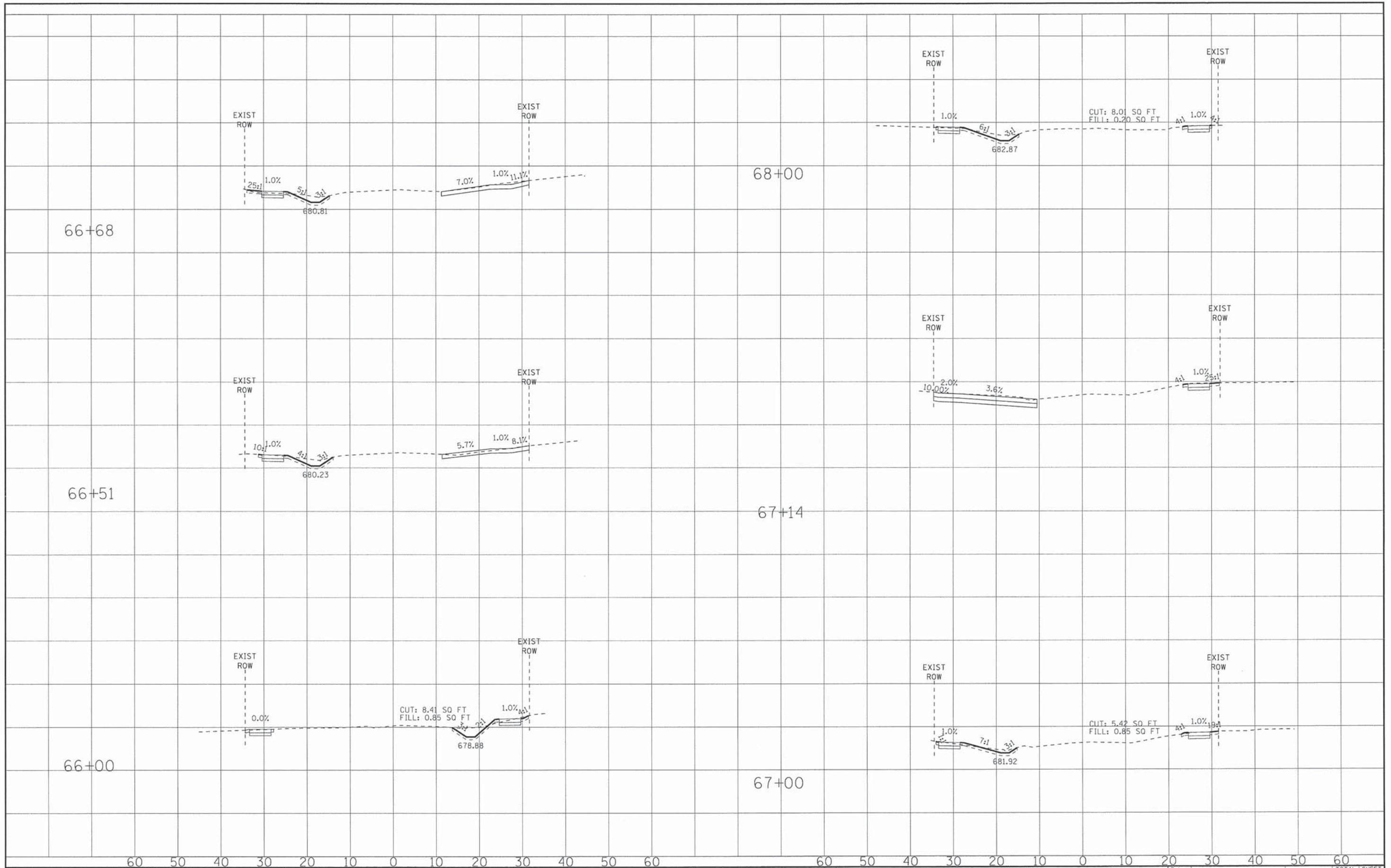
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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
YALE AVENUE**

SCALE: H: 1"=10' V: 1"=5' STA. 63+00 TO STA. 65+19

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	57
CONTRACT NO.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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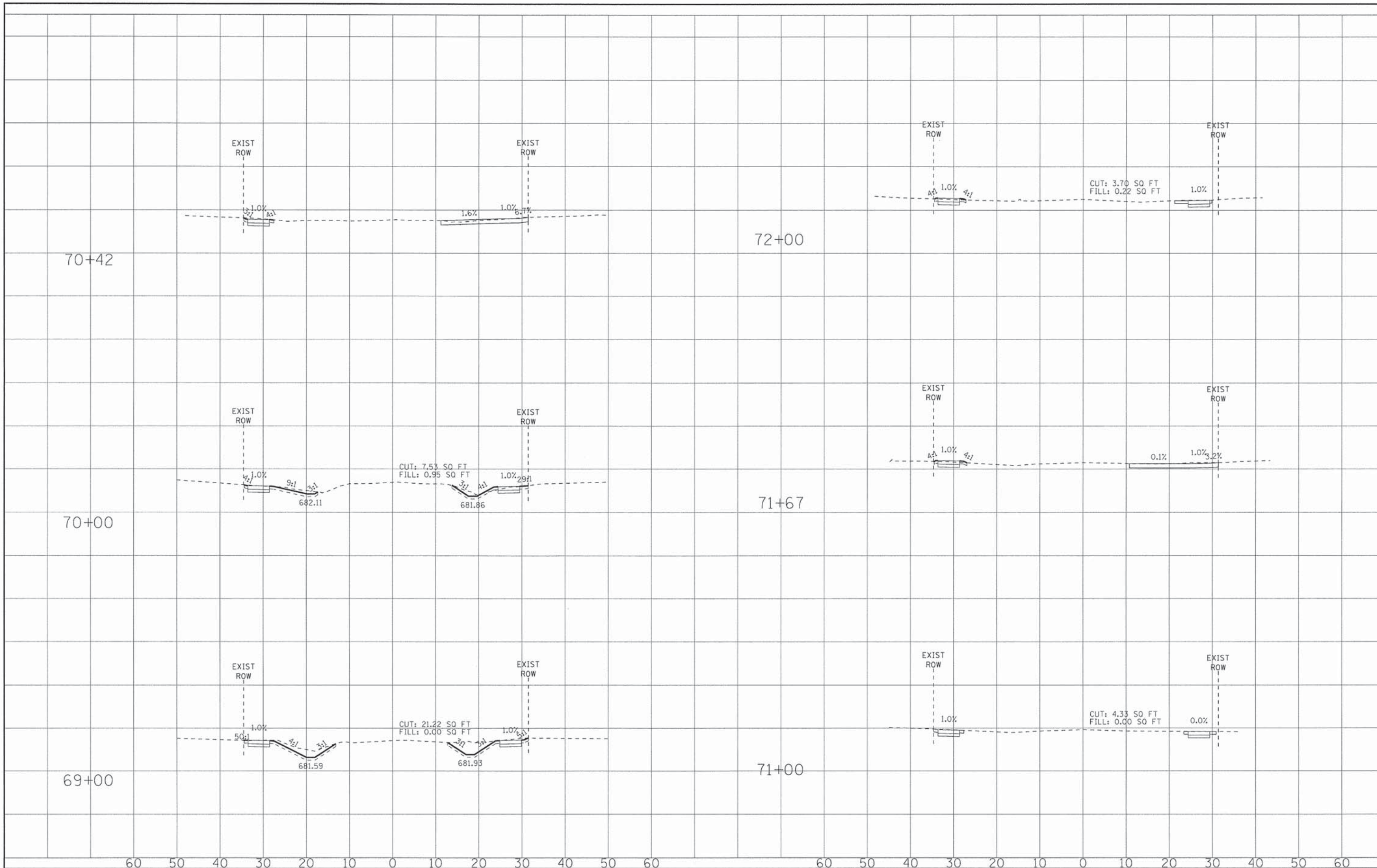
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DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
YALE AVENUE**
SCALE: H: 1"=10' V: 1"=5'
STA. 66+00 TO STA. 68+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	58
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO.	



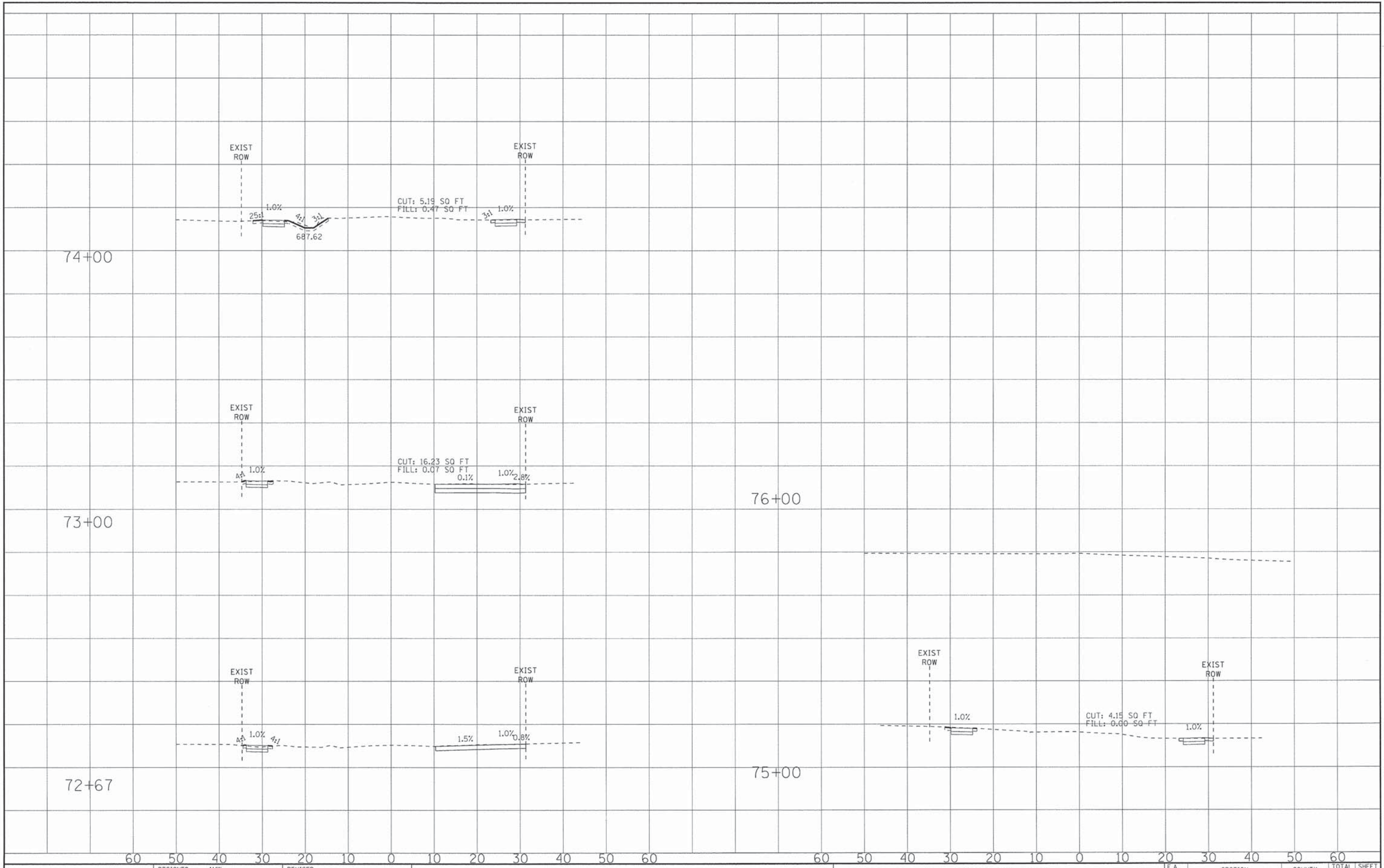
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DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
YALE AVENUE**
SCALE: H: 1"=10' V: 1"=5'
STA. 69+00 TO STA. 72+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	59
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO.	



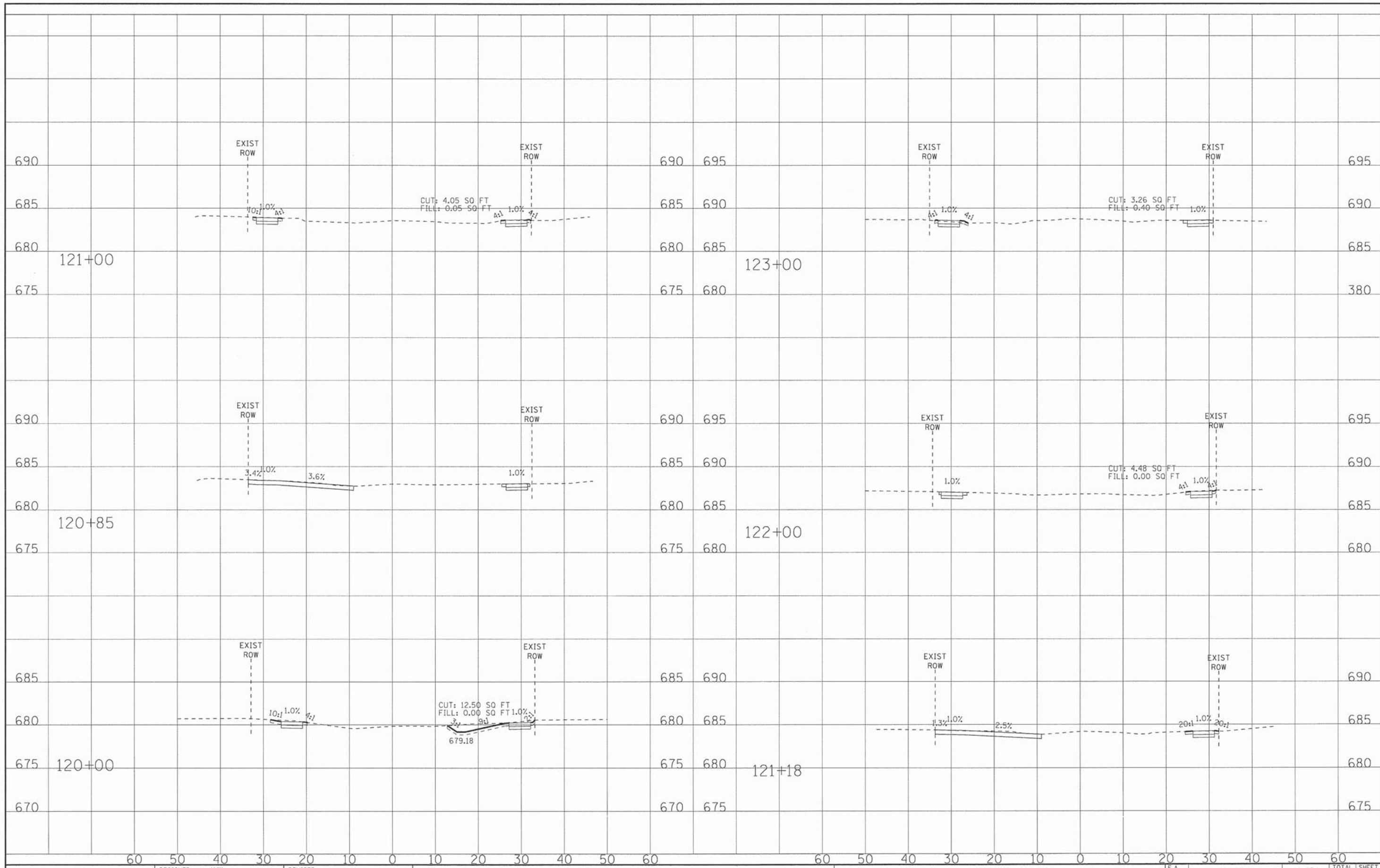
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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
YALE AVENUE**
SCALE: H: 1"=10' V: 1"=5'
STA. 72+67 TO STA. 76+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	60
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO.	



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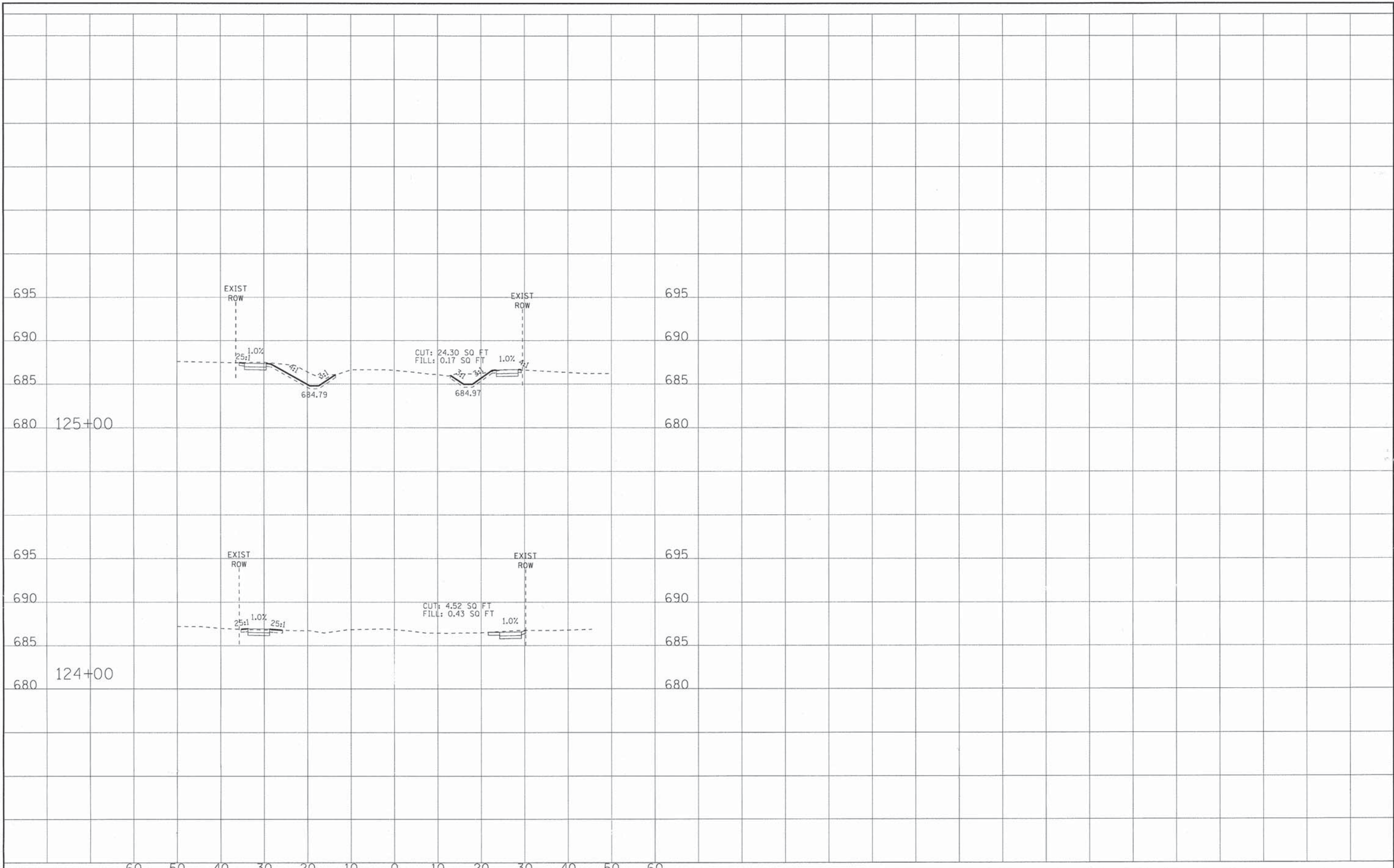
**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
PRINCETON AVENUE**

SCALE: H: 1"=10' V: 1"=5'

STA. 120+00 TO STA. 123+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SECTION NO.	#CO	72	61
CONTRACT NO.		ILLINOIS FED. AID PROJECT		



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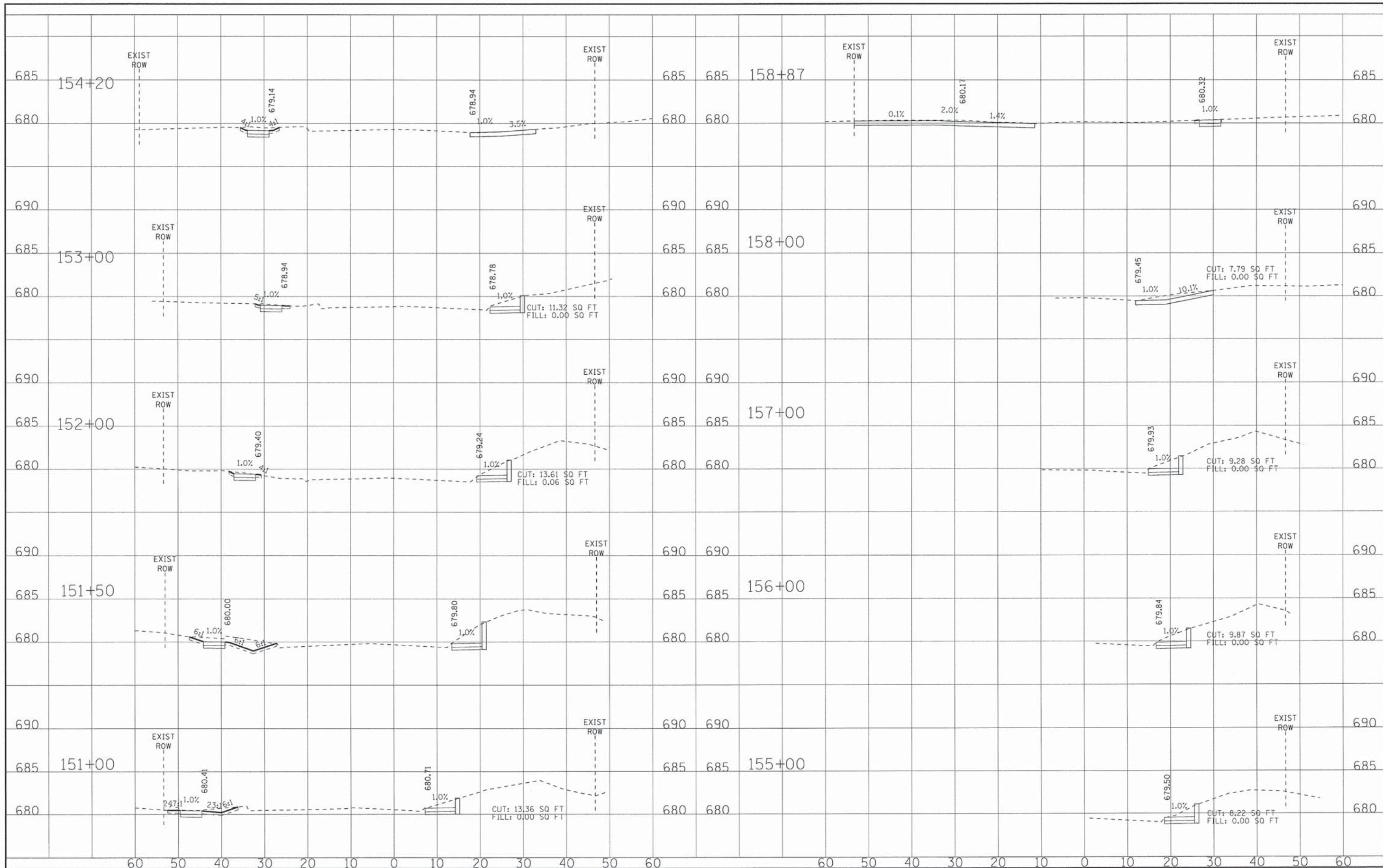
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VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS

CROSS SECTIONS
PRINCETON AVENUE

SCALE: H: 1"=10' V: 1"=5' STA. 124+00 TO STA. 126+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SECTION NO.	DUPAGE	72	63
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO.		



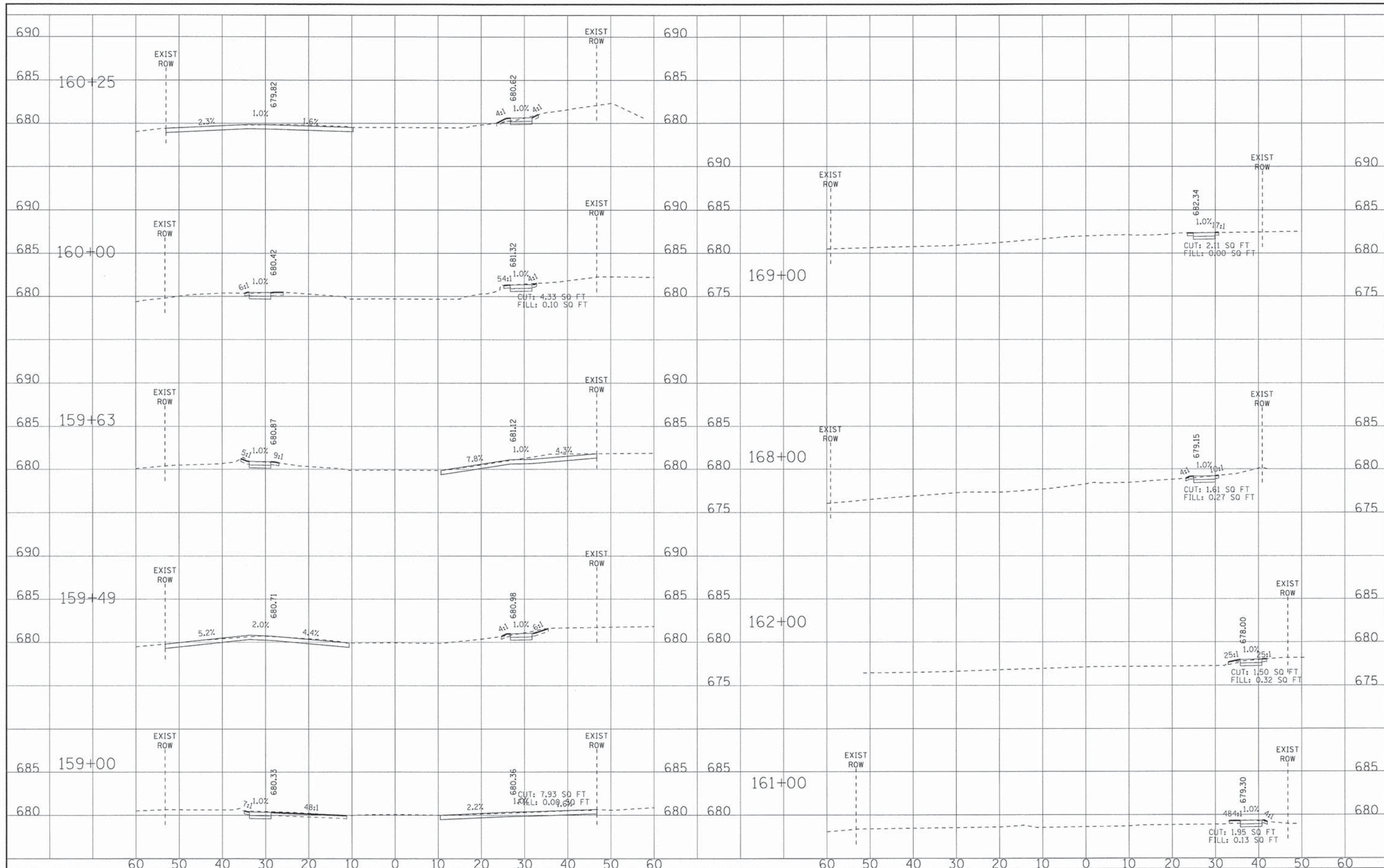
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CHECKED - KAR	REVISED -
DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
ARDMORE AVENUE**
SCALE: H: 1"=10' V: 1"=5'
STA. 151+00 TO STA. 158+87

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	63
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO.				



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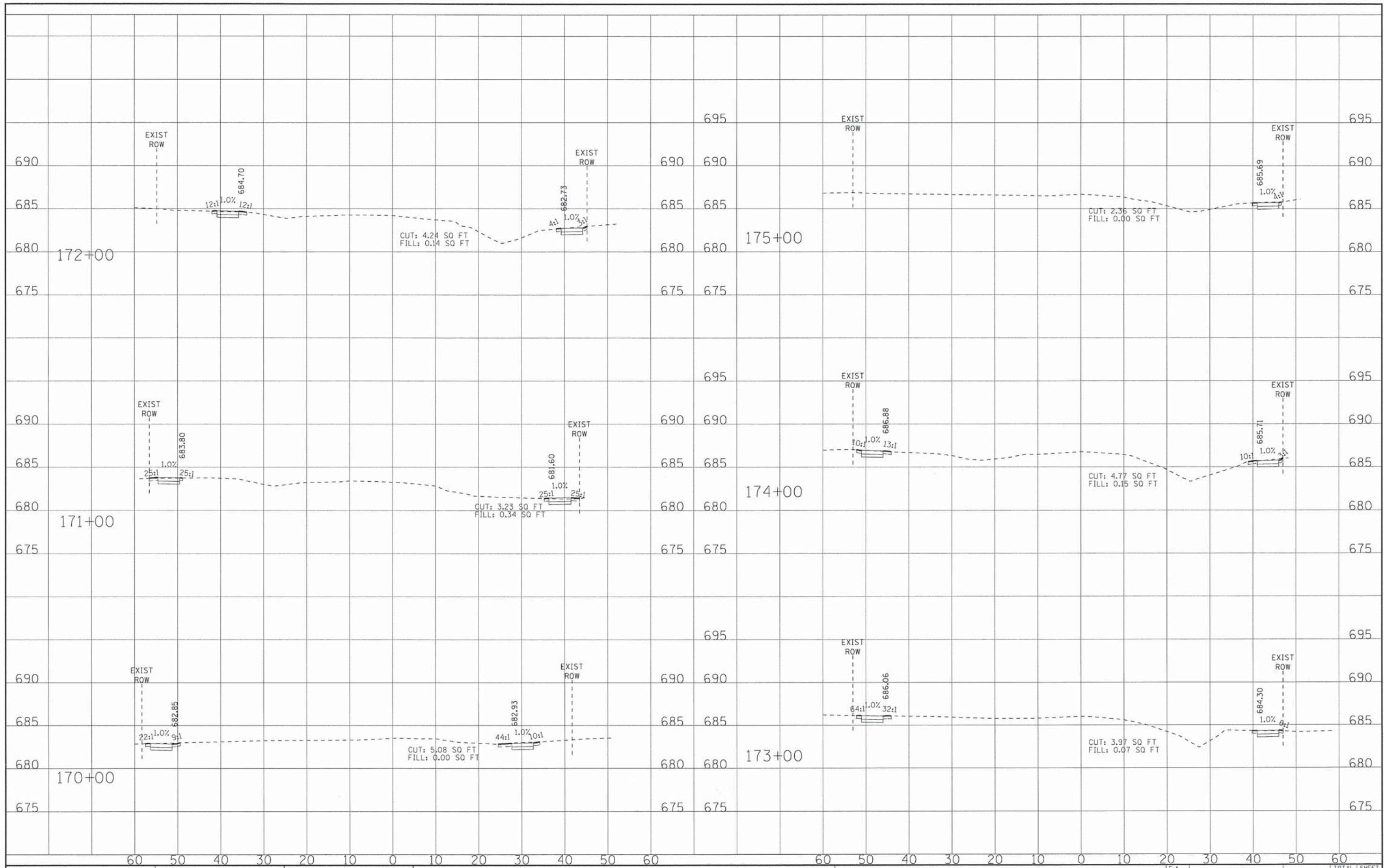
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**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
ARDMORE AVENUE**

SCALE: H: 1"=10' V: 1"=5' STA. 159+00 TO STA. 169+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	64
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO.				



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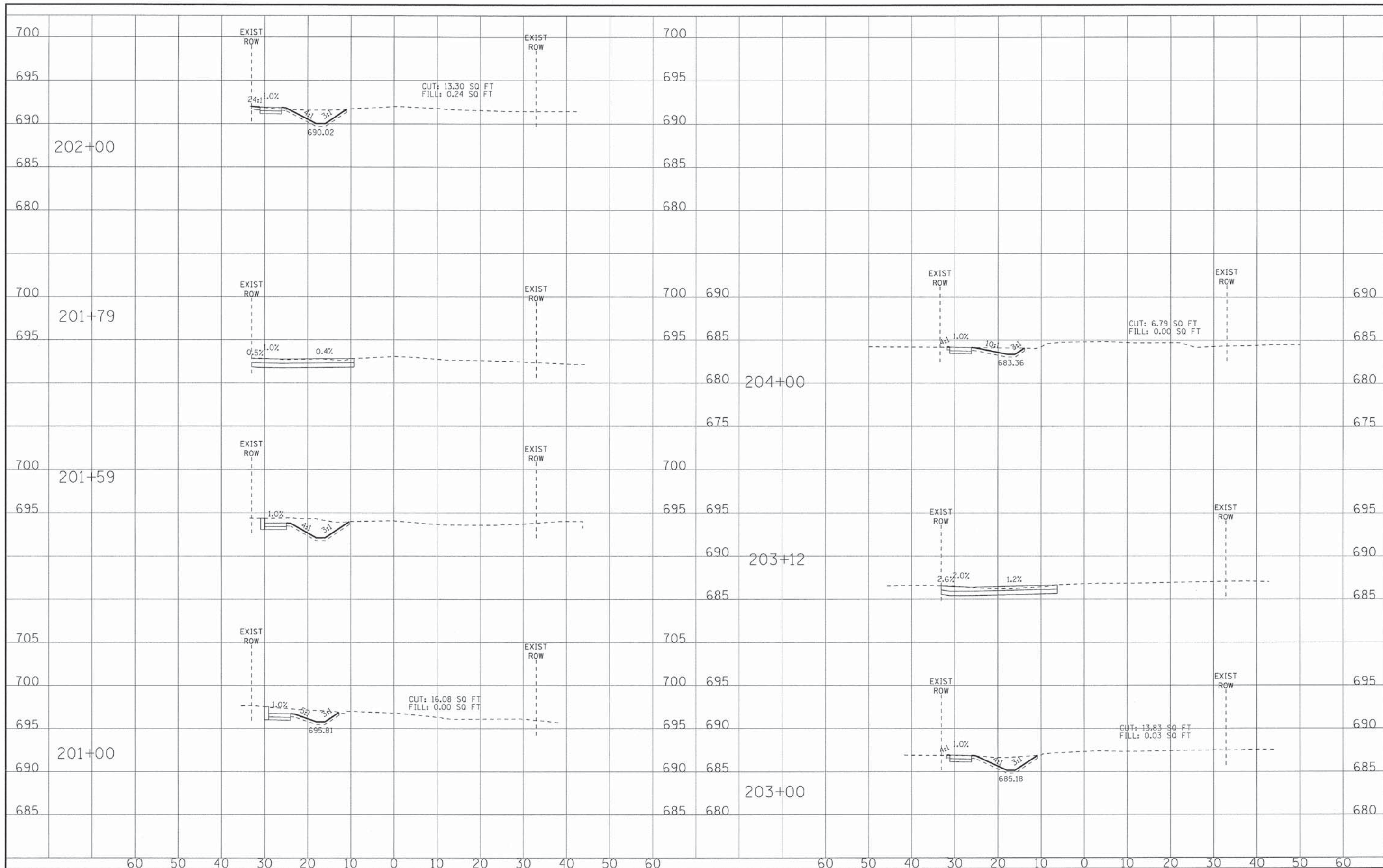
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DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
ARDMORE AVENUE**

SCALE: H: 1"=10' V: 1"=5' STA. 170+00 TO STA. 176+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	65
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO.	



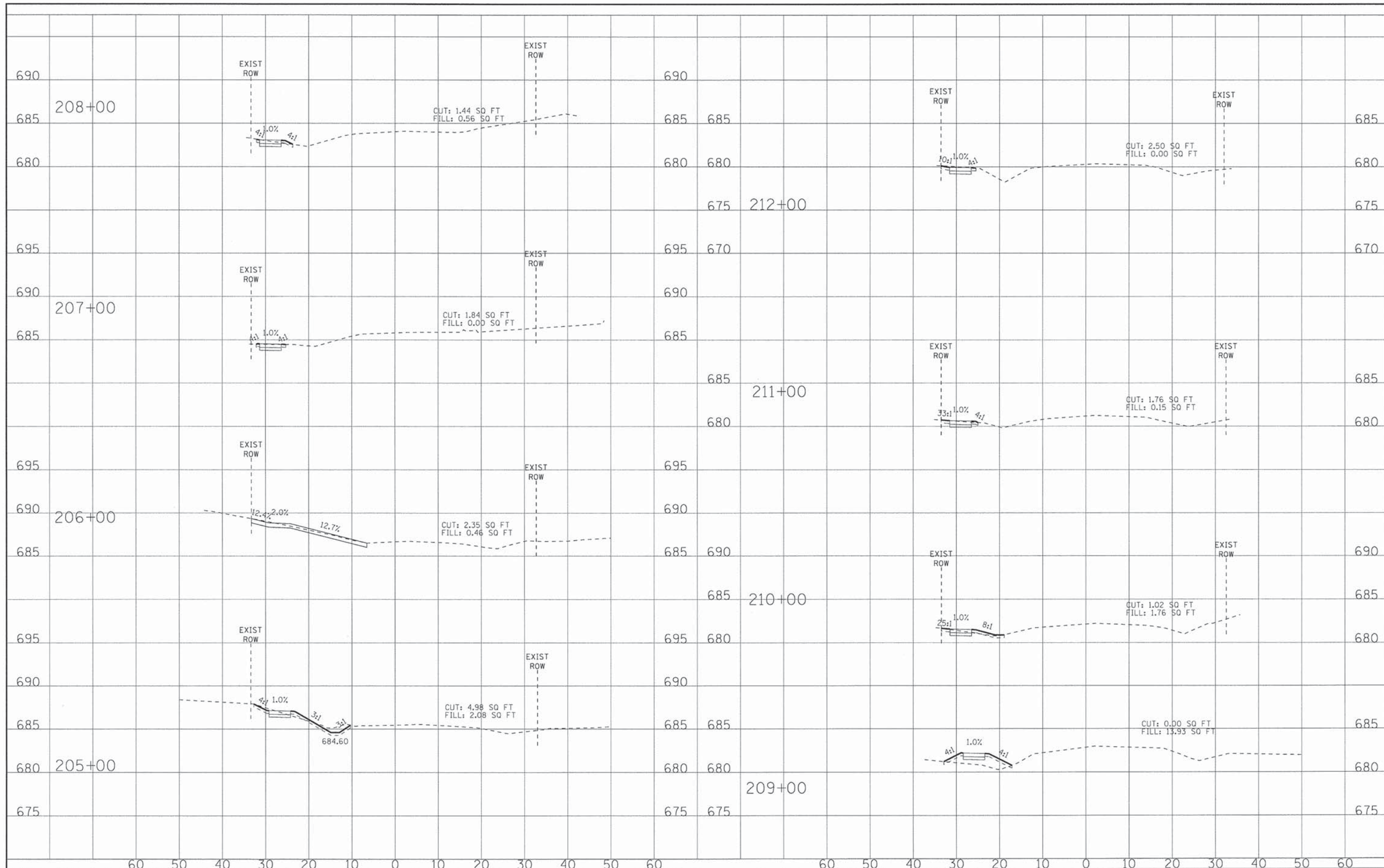
BAXTER & WOODMAN
Consulting Engineers

DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
WILDFIRE DRIVE**
SCALE: H: 1"=10' V: 1"=5'
STA. 201+00 TO STA. 204+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	66
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
		CONTRACT NO.		



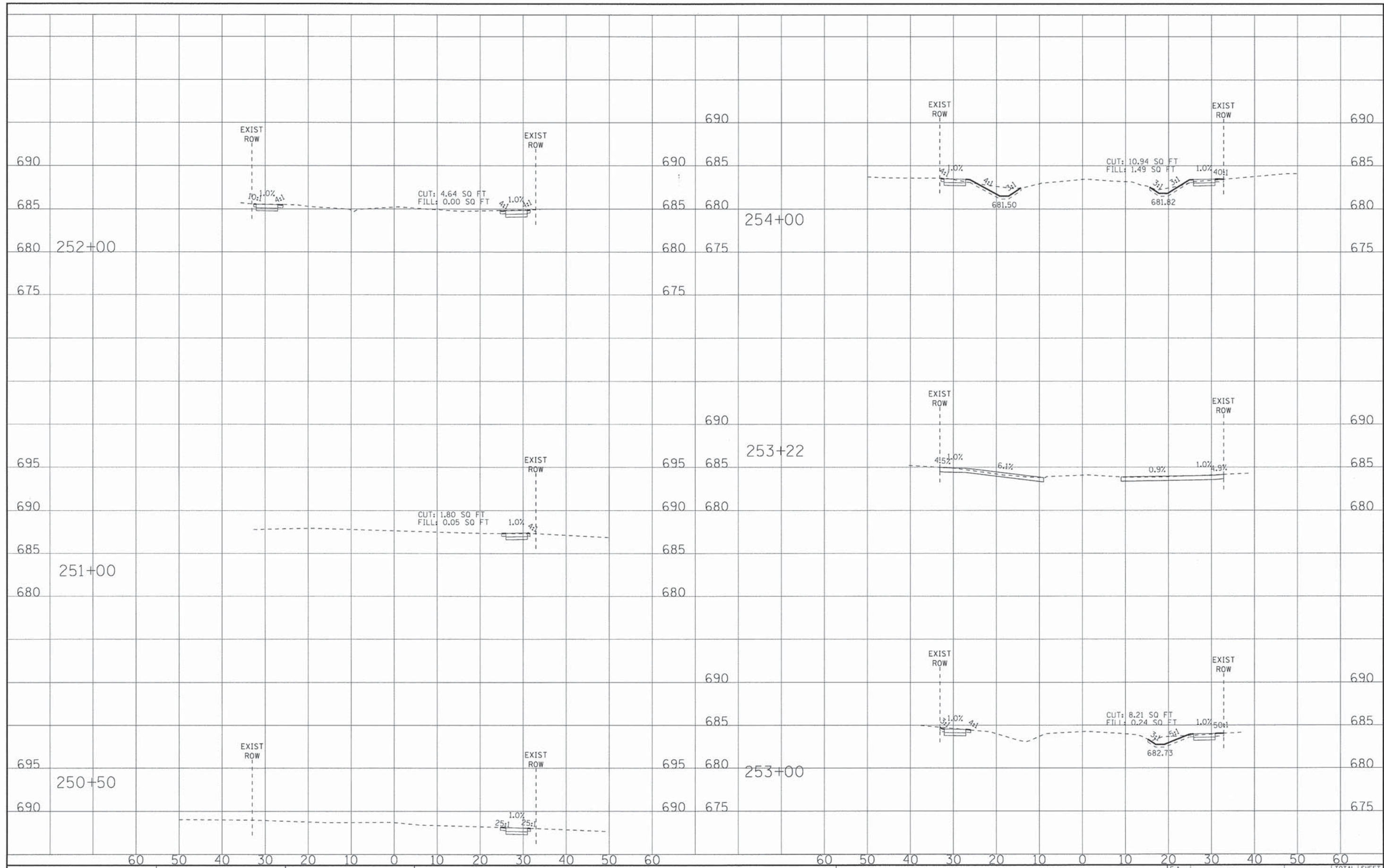
BAXTER & WOODMAN
Consulting Engineers

DESIGNED - XXX	REVISED -
DRAWN - XXX	REVISED -
CHECKED - XXX	REVISED -
DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
WILDFIRE DRIVE**
SCALE: H: 1"=10' V: 1"=5'
STA. 205+00 TO STA. 212+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	67
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO.				



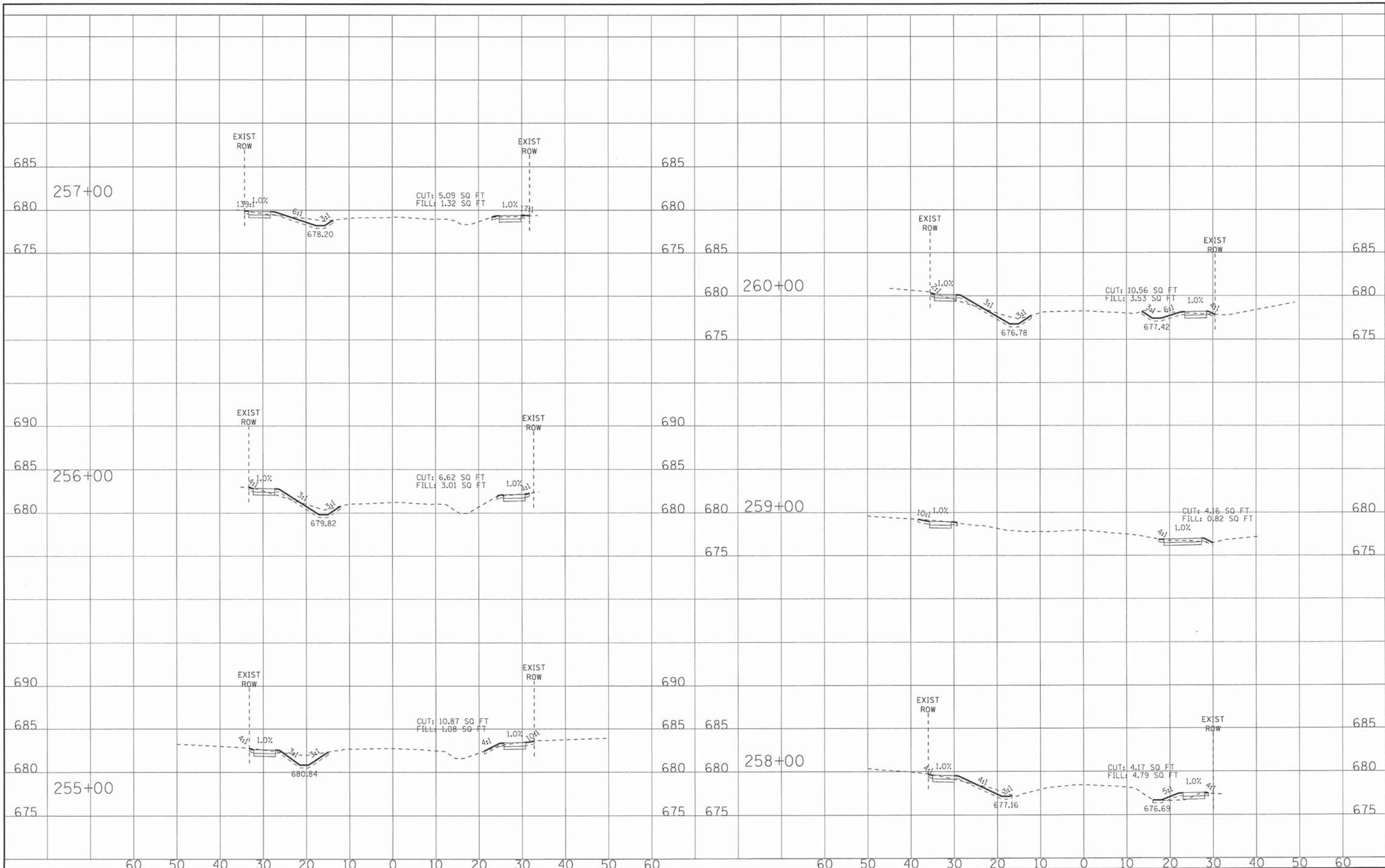
BAXTER & WOODMAN
Consulting Engineers

DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
BELDEN AVENUE**
SCALE: H: 1"=10' V: 1"=5'
STA. 250+50 TO STA. 254+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	68
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO.	



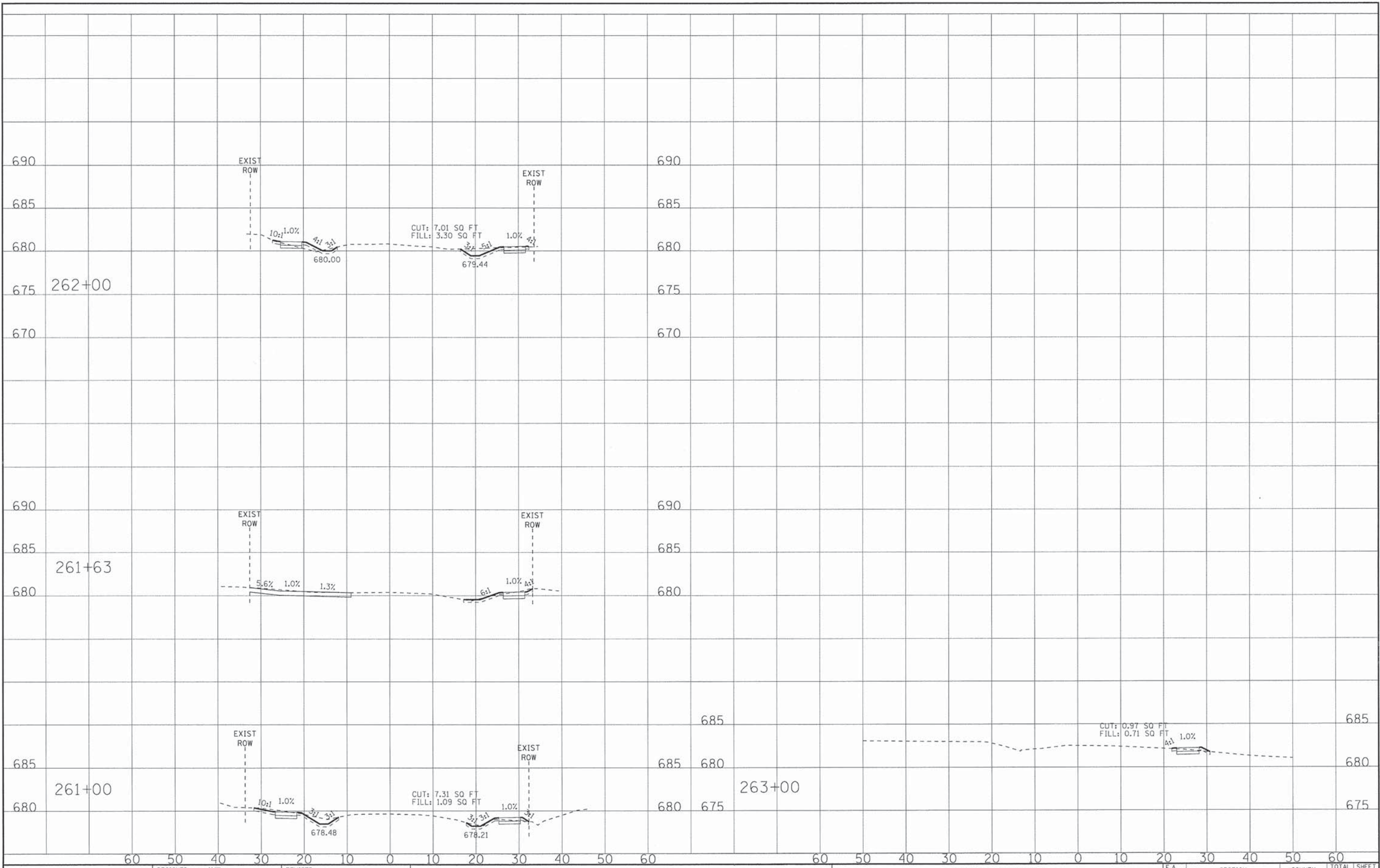
BAXTER & WOODMAN
Consulting Engineers

DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
BELDEN AVENUE**
SCALE: H: 1"=10' V: 1"=5'
STA. 255+00 TO STA. 260+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DUPAGE	72	69
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO.				



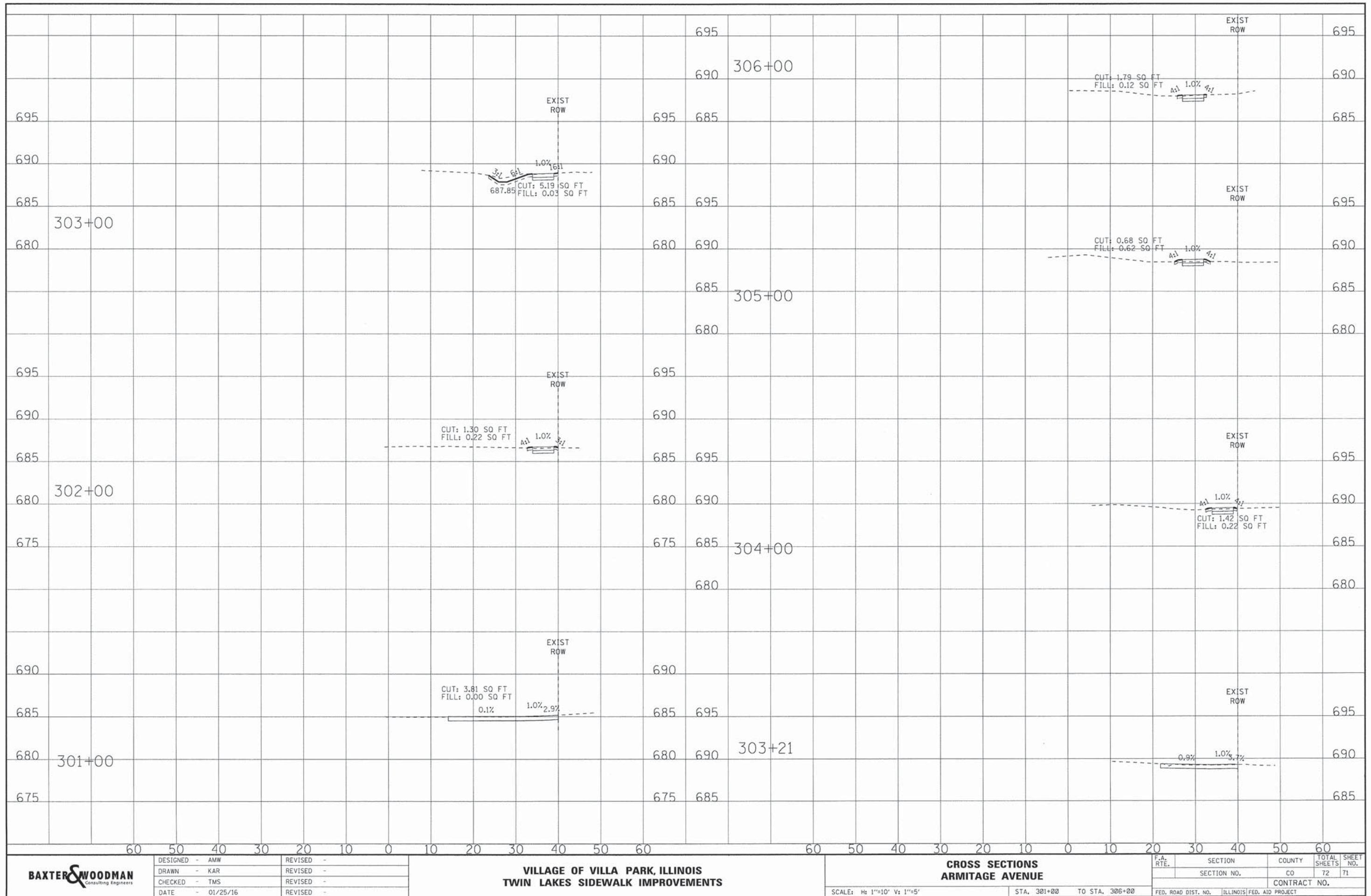
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DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
 TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
 BELDEN AVENUE**
 SCALE: H: 1"=10' V: 1"=5'
 STA. 261+00 TO STA. 263+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00092-00-SW	DuPAGE	72	70
CONTRACT NO.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	REVISED -

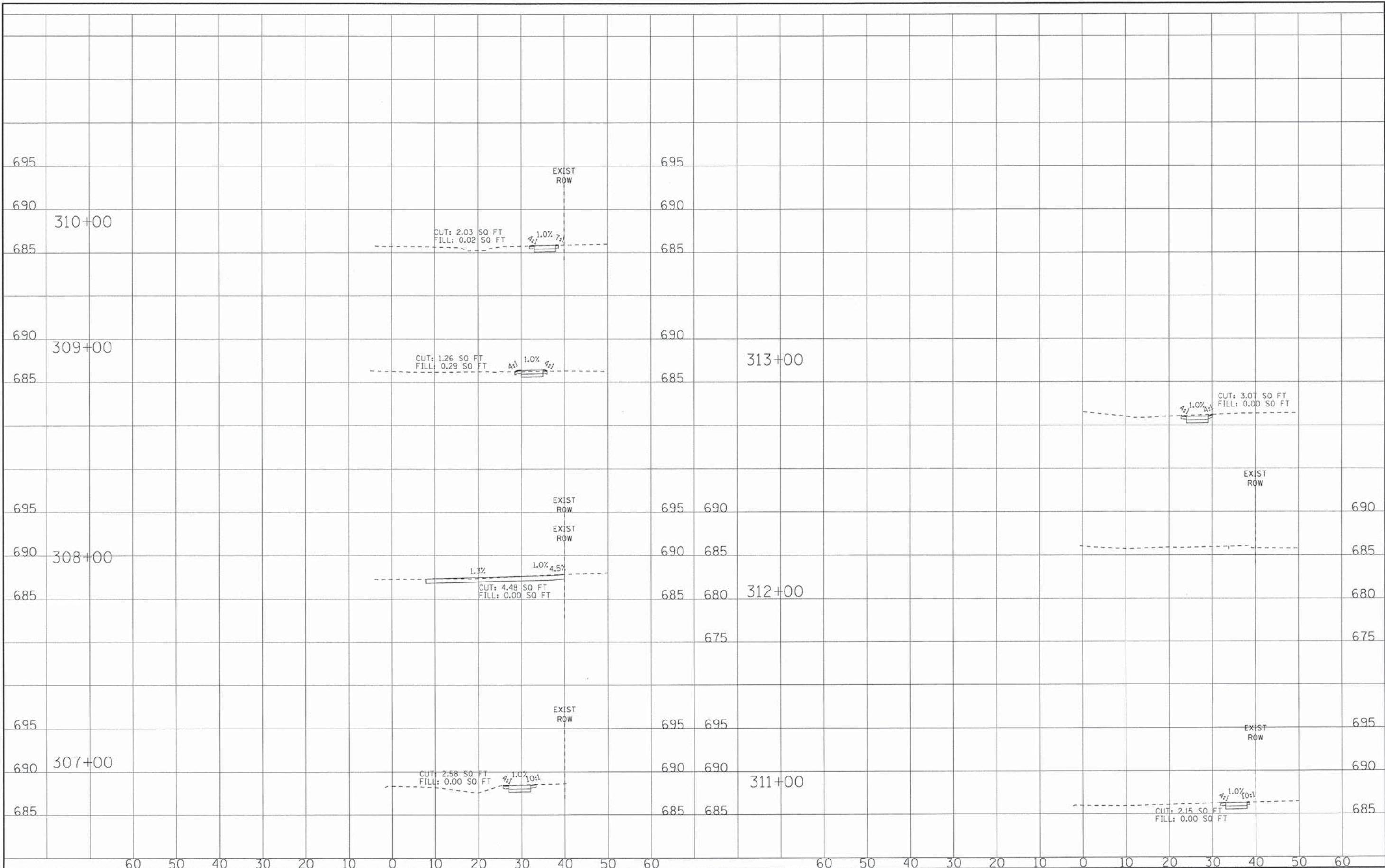
**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
ARMITAGE AVENUE**

SCALE: H: 1"=10' V: 1"=5'

STA. 301+00 TO STA. 306+00

F-A-1	SECTION	COUNTY	TOTAL SHEET NO.
	SECTION NO.	CO	72 71
		CONTRACT NO.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



BAXTER & WOODMAN
Consulting Engineers

DESIGNED - AMW	REVISED -
DRAWN - KAR	REVISED -
CHECKED - TMS	REVISED -
DATE - 01/25/16	REVISED -

**VILLAGE OF VILLA PARK, ILLINOIS
TWIN LAKES SIDEWALK IMPROVEMENTS**

**CROSS SECTIONS
ARMITAGE AVENUE**

SCALE: H: 1"=10' V: 1"=5' STA. 307+00 TO STA. 313+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SECTION NO.	DUPAGE	72	72
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO.				