

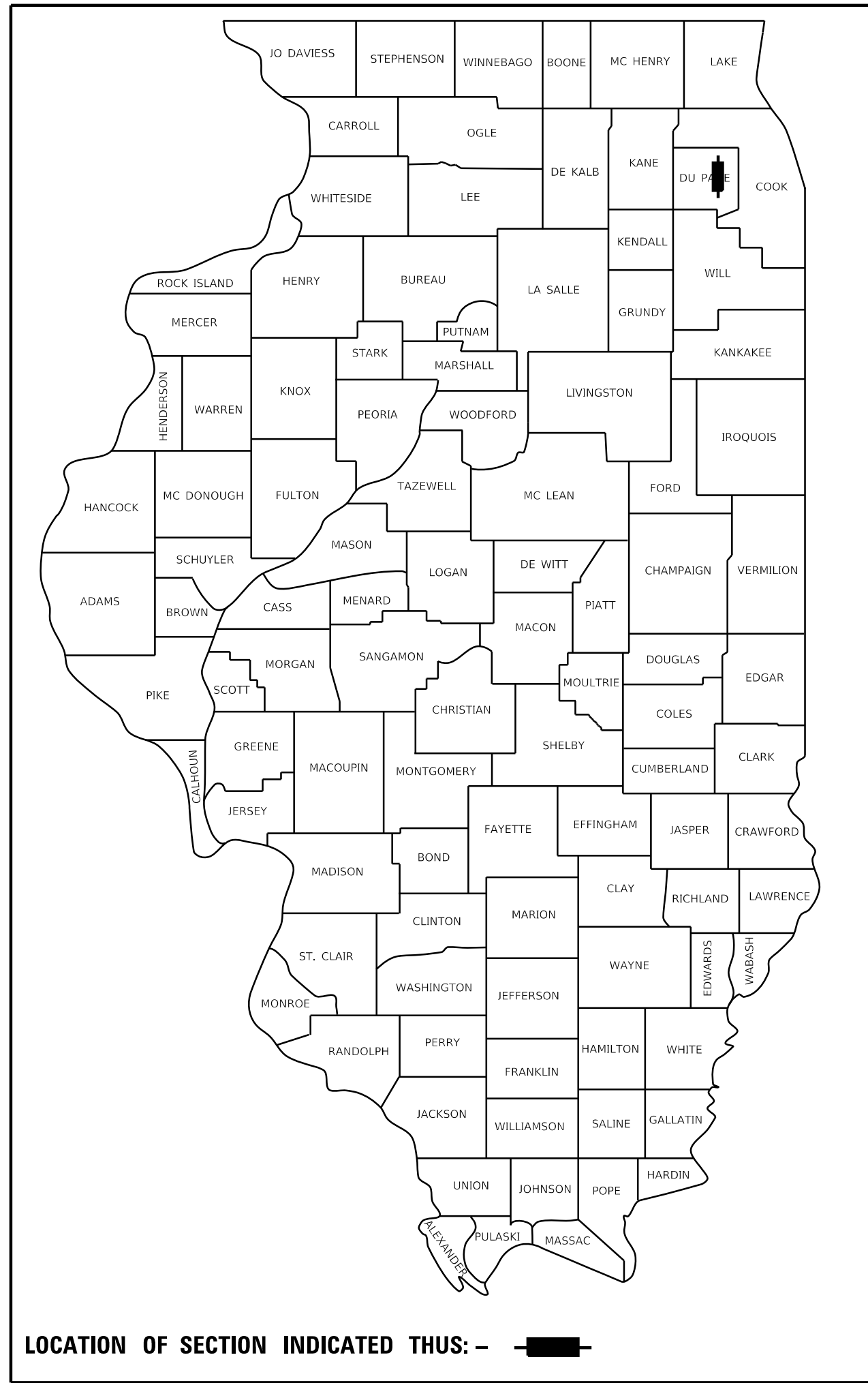
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A	DUPAGE	25	1
		ILLINOIS	CONTRACT NO. N/A	

VILLAGE OF VILLA PARK, ILLINOIS

IOWA AND VERMONT IMPROVEMENT PROJECT

DUPAGE COUNTY, ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2



IMPROVEMENT ENDS
IOWA AVENUE
STATION 256+49.49

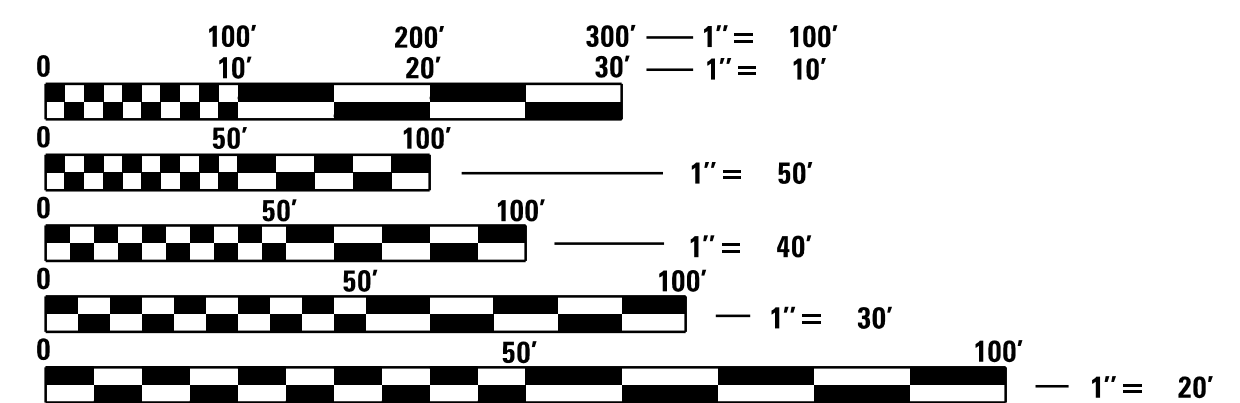
THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION

IMPROVEMENT BEGINS
IOWA AVENUE
STATION 249+61.56

IMPROVEMENT BEGINS
VERMONT STREET
STATION 199+66.00

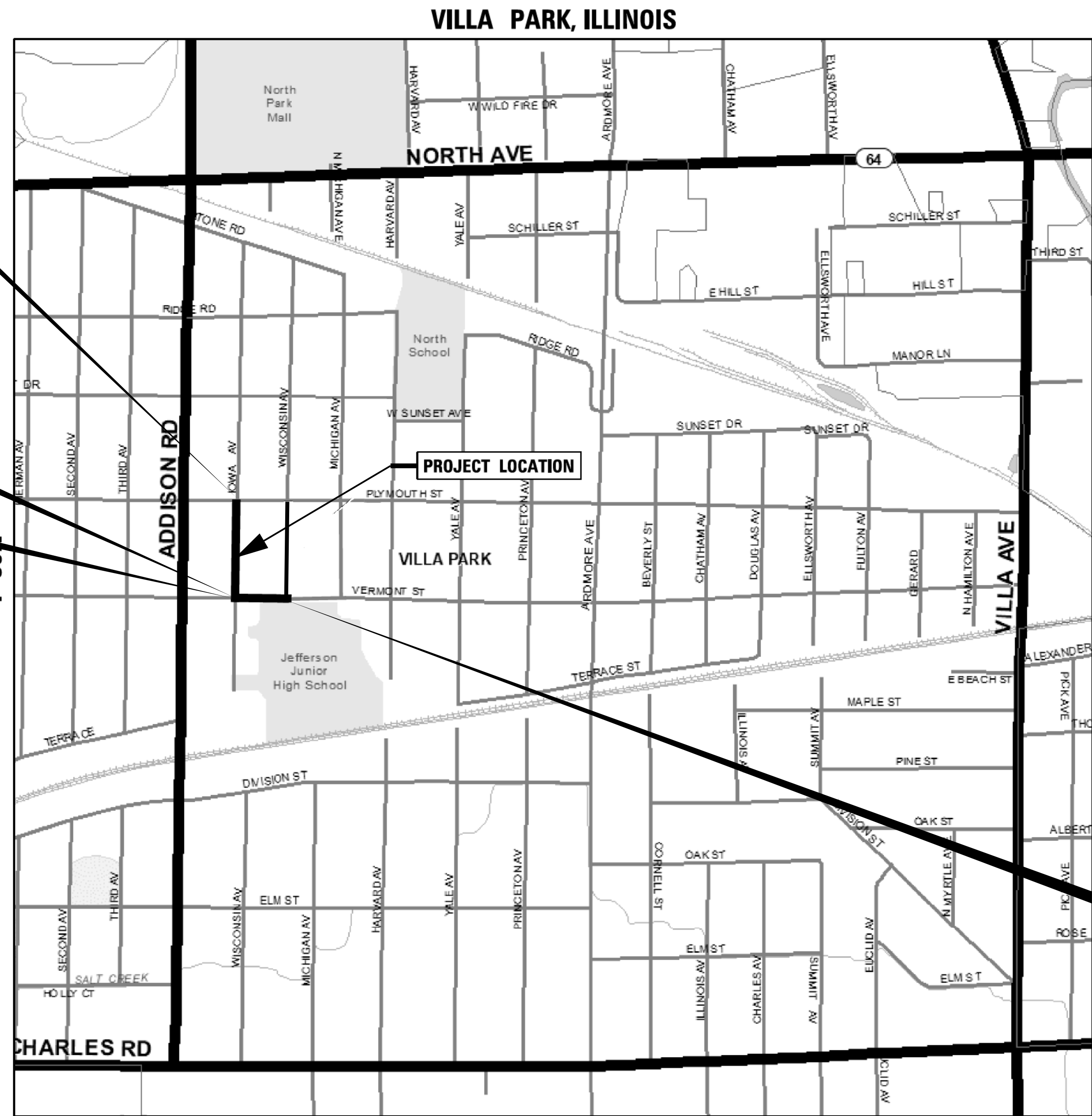
PLAN 1" = 20'
PROFILE HORIZ. 1" = 20'
PROFILE VERT. 1" = 5'

SCALES



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. CALL JULIE 811 WITH THE FOLLOWING:
COUNTY DUPAGE
CITY-TOWNSHIP VILLA PARK
48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN., & HOLIDAYS

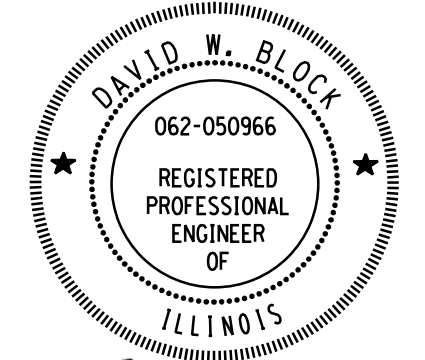


R 11E

PROJECT LOCATION

VERMONT STREET GROSS AND NET LENGTH = 329.13 FT. = 0.062 MILE
IOWA AVENUE GROSS AND NET LENGTH = 687.93 FT. = 0.130 MILE
GROSS AND NET LENGTH OF PROJECT = 1,017.06 = 0.193 MILE

IMPROVEMENT ENDS
VERMONT STREET
STATION 202+95.13



David W. Block 4/9/24

DAVID W. BLOCK, P.E.
NO. 062-050966
EXP. DATE 11/30/25

DESIGN CONSULTANT:

TRANSYSTEMS 1475 EAST WOODFIELD ROAD, SUITE 600
SCHAUMBURG, ILLINOIS 60173
(847) 605-9600

INDEX OF SHEETS

1	TITLE SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	ALIGNMENT, TIES, AND BENCHMARKS
7	EXISTING CONDITIONS AND REMOVAL PLAN
8-10	PLAN AND PROFILE
11-12	ADA SIDEWALK DETAILS
13-16	CONSTRUCTION DETAILS
17-25	IOWA AVENUE CROSS SECTIONS

HIGHWAY STANDARDS

- 000001-08 - STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-11 - PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 602416-09 - PRECAST MANHOLE TYPE A 8' (2.44 m) DIAMETER
- 602601-06 - PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 - MANHOLE STEPS
- 604001-05 - FRAMES AND LIDS TYPE 1
- 604051-04 - FRAME AND GRATE TYPE 11
- 606001-08 - CONCRETE CURB TYPE B AND COMINATION CONCRETE CURB AND GUTTER
- 701006-05 - OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 - LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701501-06 - URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 - SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-09 - TRAFFIC CONTROL DEVICES
- 780001-05 - TYPICAL PAVEMENT MARKINGS

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE LATEST REVISION; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" 8TH EDITION, DATED 2020, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
2. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS AND SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT HIGHWAY STANDARD.
3. CODES OF THE IEPA TITLE 35, AND O.S.H.A. SHALL BE ADHERED TO FOR THE CONSTRUCTION OF THIS PROJECT. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ADHERENCE TO THESE (NOT THE VILLAGE'S OR THE ENGINEER'S).
4. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.
5. ALL REQUIRED PERMITS FROM THE PROPER GOVERNING AGENCY SHALL BE OBTAINED FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHEETING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE AGENCY, AT THE CONTRACTOR'S OWN EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC.

UTILITIES

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
7. THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

GENERAL NOTES

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES AND SEWER EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY SEWER OR UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER AND SHALL SUBSEQUENTLY BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR VILLAGE. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
9. BEFORE STARTING ANY EXCAVATING, THE CONTRACTOR SHALL CALL "J.U.I.E." AT 811 OR AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE AND GAS FACILITIES AND THE VILLAGE OF VILLA PARK FOR FIELD LOCATIONS OF BURIED WATER, SANITARY AND STORM FACILITIES (2 WORKING DAYS ADVANCE NOTIFICATION IS REQUIRED).
10. THE PUBLIC WORKS DEPARTMENT AT 630-834-8505 SHALL BE NOTIFIED 48 HOURS PRIOR TO CONSTRUCTION AND ALL TESTING.
11. ALL UTILITY CONNECTIONS TO EXISTING LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATIONS AND TO THE SATISFACTION OF THE UTILITY OWNER.

STAKING

12. BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY GASPEREC ELBERTS CONSULTING.
13. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, THE VILLAGE'S AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

WATER, STORM SEWER AND SANITARY SEWER

14. WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF UTILITY STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED IMMEDIATELY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
15. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLAN, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER.
16. ANY EXISTING OR PROPOSED UTILITY DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE VILLAGE.
17. THE COST OF CONNECTING EXISTING STORM SEWER TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS. HOWEVER, THE NECESSARY PIPE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE TYPE AND SIZE REQUIRED.
18. THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES. ANY MODIFICATIONS OF STRUCTURES DUE TO THE FAILURE OF THE CONTRACTOR TO PERFORM THIS TASK SHALL BE AT THE CONTRACTOR'S EXPENSE AND MAY LEAD TO THE REJECTION OF THE STRUCTURE IN THE FIELD.
19. ADJUST MANHOLE OR VAULT RIM ELEVATIONS TO FINAL GRADE AT TIME OF FINAL PAVING OR LANDSCAPING. ADJUSTMENT OF NEW STRUCTURES TO FINAL GRADE IS INCLUDED IN THE COST OF THE NEW STRUCTURE REGARDLESS OF THE AMOUNT OF TIMES ADJUSTMENT MUST BE MADE.
20. WHEN CONNECTION TO AN EXISTING SEWER MAIN IS MADE BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, THE FOLLOWING METHOD SHALL BE USED:

(A) CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS ("SEWER-TAP" MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.
21. ALL WATER FROM THE TRENCH AND PIPELINES WILL BE PUMPED OUT BY THE CONTRACTOR AND DISPOSED OF IN SUCH A MANNER THAT IT WILL NOT INTERFERE OR DAMAGE THE WORK OF THIS OR OTHER CONTRACTORS PUMPING SHALL BE CONTINUOUS (24 HOURS A DAY, SEVEN DAYS A WEEK) AS LONG AS SUFFICIENT WATER COLLECTS TO WARRANT THIS. STORM SEWERS IN THE AREA MAY BE USED TO DISPOSE OF THE WATER COLLECTED, IF APPROVED BY THE VILLAGE.
22. ANY PORTIONS OF STORM SEWER AND MISSION COUPLINGS NEEDED TO CONNECT (EXTEND) EXISTING STORM SEWER TO PROPOSED STORM SEWERS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE SEWER. PROPOSED STORM SEWER SHALL BE STORM SEWER OF TYPE AND SIZE REQUIRED.

BACKFILL

23. ALL BEDDING AND BACKFILL MATERIAL SHALL BE OF VIRGIN MATERIAL.
24. STORM SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH THE VILLAGE OF VILLA PARK STANDARD DETAIL FOR PIPE INSTALLATION.
25. ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE VILLAGE OF VILLA PARK STANDARD FOR PIPE INSTALLATION. TRENCH WIDTH SHALL BE IN ACCORDANCE WITH ARTICLE 550.04 OF THE STANDARD SPECIFICATIONS.
26. ALL SANITARY SEWERS, WATER MAINS AND STORM SEWERS MUST BE PLACED ON PROPERLY COMPACTED BEDDING. BEDDING MATERIAL SHALL BE PLACED A MINIMUM OF 4 INCHES THICK UNDER THE BARREL OF THE PIPE AND SHALL BE EXTENDED 12" OVER THE TOP OF PIPE. BEDDING MATERIAL SHALL BE CRUSHED GRAVEL OR STONE MEETING GRADATION CA-7 OR CA-11. BEDDING SHALL BE INCLUDED IN THE COST OF THE PIPE.
27. TRENCH BACKFILL MATERIAL (CA-6 CRUSHED STONE) SHALL BE PLACED FROM 12" OVER THE TOP OF THE PIPE AND COMPACTED TO 95% OF STANDARD MAXIMUM DENSITY (A.S.T.M. D-698) OVER ALL UNDERGROUND UTILITIES WHICH ARE CONSTRUCTED UNDER, OR WITHIN 2 FEET OF ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS, OR SIDEWALKS. TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED IN 12" MAXIMUM LIFTS.
28. ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED IN ACCORDANCE WITH THE VILLAGE STANDARD DETAIL FOR PIPE INSTALLATION, INCLUDING BEDDING MATERIAL, SHALL BE INCLUDED IN THE COST OF THE ITEM BEING INSTALLED.

MISCELLANEOUS

29. DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
30. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL).
31. RELOCATING EXISTING SIGNS: EXISTING SIGNS, EXCLUDING STOP SIGNS, WHICH ARE IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REINSTALLED UPON COMPLETION OF CONFLICTING IMPROVEMENTS IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS". ALL STOP SIGNS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE IMMEDIATELY RELOCATED UNTIL COMPLETION OF CONFLICTING IMPROVEMENTS. UPON COMPLETION OF CONFLICTING IMPROVEMENTS, STOP SIGNS SHALL BE REINSTALLED AT THE PROPER LOCATION. STOP SIGNS SHALL BE VISIBLE TO MOTORISTS AT ALL TIMES. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.
32. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
33. CONTRACTOR SHALL NOT PLACE SOD UNTIL THE TEMPERATURE IS 80° OR LESS AND THE FORECAST FOR THE NEXT 7 DAYS SHOWS TEMPERATURES OF 80° OR LESS. IF ALL OTHER PAY ITEMS ARE COMPLETED, THE CONTRACTOR WILL NOT BE CHARGED WORKING DAYS FOR DELAYS IN PARKWAY RESTORATION DUE TO TEMPERATURE.
34. THE SAFE AND ORDERLY PASSAGE OF TRAFFIC AND PEDESTRIANS SHALL BE PROVIDED WHERE OPERATIONS ABUT PUBLIC THOROUGHFARES AND ADJACENT PROPERTY.
35. NO BURNING OR INCINERATION OF RUBBISH WILL BE PERMITTED ON SITE.
36. NO CONSTRUCTION ACTIVITY SHALL BEGIN UNTIL ALL PROPER SIGNS, BARRICADES, EROSION CONTROL MEASURES, AND TREE PROTECTION HAVE BEEN INSTALLED.
37. ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, AND STATE AND LOCAL TIPPING FEES.

38. PRECONSTRUCTION MEETING WILL BE HELD AT LEAST 7 DAYS PRIOR TO START OF CONSTRUCTION.
39. ALL PERMITS AND LICENSES MUST BE OBTAINED PRIOR TO START OF CONSTRUCTION.
40. RESIDENTS SHALL HAVE ACCESS TO THE ROAD AND ALL DRIVEWAYS AT THE END OF EACH WORKING DAY. ALL TRENCHES SHALL BE BACKFILLED AT THE END OF EACH WORKING DAY.
41. NO STOCKPILES OF MATERIAL WILL BE ALLOWED OVERNIGHT.
42. AT THE END OF EACH DAY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT ALL STREETS ADJACENT TO THE PROJECT ARE FREE OF ALL CONSTRUCTION RELATED DEBRIS INCLUDING DIRT, STONE, NAILS, ETC. THE WORK SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AND VILLAGE OF VILLA PARK.

IEPA WATER MAIN PROTECTION NOTES

HORIZONTAL SEPARATION

1. WATER MAINS SHALL BE LAID AT LEAST TEN (10'-0") FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, OR SEWER SERVICES CONNECTION.
2. WATER MAINS MAY BE LAID CLOSER THAN TEN (10'-0") FEET TO A SEWER LINE WHEN:
 - A. LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN (10'-0") FEET;
 - B. THE WATER MAIN INVERT IS AT LEAST EIGHTEEN (18") ABOVE THE CROWN OF THE SEWER; AND
 - C. THE WATER MAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER.
3. BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED WITH PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN IT IS IMPOSSIBLE TO MEET 1. OR 2. ABOVE. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.

VERTICAL SEPARATION

1. A WATER MAIN SHALL BE LAID SO THAT ITS INVERT IS EIGHTEEN (18") INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS, OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN TEN (10'-0") FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATER MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANCE FROM THE SEWER OR DRAIN.
2. BOTH THE WATER MAINS AND SEWER SHALL BE CONSTRUCTED WITH SEWER PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN:
 - A. IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN 1. ABOVE; OR
 - B. THE WATER MAIN PASSES UNDER A SEWER OR DRAIN.
3. A VERTICAL SEPARATION OF EIGHTEEN (18") INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATERMAIN CROSSES UNDER A SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATER MAIN.
4. CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATERMAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN (10'-0") FEET.

FOR SEWER AND WATER MAIN CROSSINGS, REINFORCED CONCRETE PIPE WITH RUBBER GASKETS MEETING ASTM C-443 SHALL BE ALLOWED.

UTILITY COMPANY	AT&T (Distribution)	COMCAST	COMED	NICOR GAS
Address:	1000 Commerce Drive, Floor 1 Oak Brook IL, 60523	688 Industrial Drive Elmhurst, IL 60126	Electronic Plan Submittal	1844 Ferry Road Naperville, IL 60563-9600
Contact Person:	Janet Ahern	Martha Gieras	Lisa Argast	Sakibul Forah
Phone #:	(630) 573-6414	(224) 229-5862	(630) 437-3381	(630) 388-2903
Email:	ja1763@att.com	martha_gieras@cable.comcast.com	plansubmittalsandmaprequests@exeloncorp.com	sforah@southernco.com

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USER NAME = CEComin	DESIGNED - CEC	REVISED -
	DRAWN - CEC	REVISED -
PLOT SCALE = 1:0000' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 2/20/2024	DATE - 02-20-24	REVISED -



VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

IOWA AND VERMONT IMPROVEMENT PROJECT			
INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES			
SCALE: N.T.S.	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A	DUPAGE	25	2
			CONTRACT NO. N/A	
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

SP	ITEM NUMBER	PAY ITEM NAME	UNITS	TOTAL QUANTITY
#	1	TREE TRUNK PROTECTION	EACH	10
#	2	TREE ROOT PRUNING	EACH	10
#	3	TREE PRUNING	EACH	10
#	4	EARTH EXCAVATION (ROADWAY)	CU YD	755
	5	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	154
	6	POROUS GRANULAR EMBANKMENT	CU YD	154
#	7	TRENCH BACKFILL	CU YD	953
	8	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	924
	9	SUPPLEMENTAL WATERING	UNIT	5
#	10	INLET FILTERS	EACH	12
	11	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,450
#	12	BITUMINOUS MATERIALS (TACK COAT)	POUND	327
	13	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	325
	14	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	163
#	15	CLASS D PATCHES, 6 INCH	SQ YD	98
#	16	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	365
#	17	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6,472
#	18	DETECTABLE WARNINGS	SQ FT	145
#	19	PAVEMENT REMOVAL	SQ YD	1,480
#	20	DRIVEWAY PAVEMENT REMOVAL	SQ YD	325
#	21	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,445
#	22	SIDEWALK REMOVAL	SQ FT	6,552
#	23	DUCTILE IRON WATER MAIN 6"	FOOT	31
#	24	DUCTILE IRON WATER MAIN 8"	FOOT	1,049
#	25	DUCTILE IRON WATER MAIN 10"	FOOT	105
#	26	WATER VALVES 8"	EACH	4
#	27	WATER VALVES 10"	EACH	2
#	28	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	110
#	29	FIRE HYDRANTS TO BE REMOVED	EACH	3
#	30	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	5
#	31	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	4
#	32	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	1
#	33	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
#	34	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
#	35	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	3
#	36	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4
#	37	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
#	38	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,448
#	39	NON-SPECIAL WASTE DISPOSAL	CU YD	25
	40	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	54
	41	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	36
	42	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	162

SP	ITEM NUMBER	PAY ITEM NAME	UNITS	TOTAL QUANTITY
	43	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	12
	44	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	100
#	45	EXPLORATION TRENCH (SPECIAL)	FOOT	100
#	46	WATER MAIN LINE STOP 6"	EACH	2
#	47	WATER MAIN LINE STOP 10"	EACH	2
#	48	SANITARY MANHOLES TO BE ADJUSTED	EACH	2
#	49	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
#	50	CONSTRUCTION LAYOUT	L SUM	1
#	51	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	4
#	52	DRAINAGE STRUCTURE TO BE REMOVED	EACH	2
#	53	CLASS B PATCHES, SPECIAL, 7"	SQ YD	591
#	54	CONTINGENCY ALLOWANCE	DOLLARS	50,000
#	55	PARKWAY RESTORATION - SODDING, SALT TOLERANT	SQ YD	1,997
#	56	PARKWAY RESTORATION - TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,997
#	57	PARKWAY RESTORATION - TREE MULCH PLACEMENT	SQ YD	160
#	58	TREES	EACH	7
#	59	PRE-CONSTRUCTION VIDEO RECORDING	L SUM	1
#	60	PROJECT SIGN	L SUM	1
#	61	SANITARY SERVICE CONNECTION	EACH	6
#	62	SANITARY SERVICE REPLACEMENT	FOOT	195
#	63	SANITARY SEWER SERVICE CHECK VALVE	EACH	6
#	64	SANITARY SEWER SERVICE CLEANOUT	EACH	6
#	65	SANITARY SEWER SERVICE FRAME AND LID	EACH	1
#	66	SHUTDOWN WATER MAIN CONNECTION	EACH	5
#	67	STORM SEWERS, PVC, 6"	FOOT	5
#	68	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	43
#	69	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	17
#	70	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	212
#	71	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	33
#	72	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	40
#	73	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	34
#	74	TEMPORARY STONE	L SUM	1
#	75	VALVE BOXES TO BE ABANDONED	EACH	3
#	76	WATER SERVICE (LEAD) - ASBESTOS ABATEMENT	EACH	2
#	77	WATER SERVICE (LEAD) - INTERIOR RESTORATION	EACH	2
#	78	WATER SERVICE CURB BOX	EACH	21
#	79	WATER SERVICE LINE (PRIVATE) - LEAD SERVICE REPLACEMENT	FOOT	100
#	80	WATER SERVICE LINE, LONG SIDE, 1" (PUBLIC)	EACH	10
#	81	WATER SERVICE LINE, SHORT SIDE, 1" (PUBLIC)	EACH	11
#	82	WATER USAGE CREDIT	TGAL	100
#	83	WATER USAGE DEDUCTION	TGAL	100

DENOTES SPECIAL PROVISION

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	DRAWN - CEC	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED - DWB	REVISED -
PLOT DATE = 3/11/2024	DATE - 02-20-24	REVISED -

CLIENT:



VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

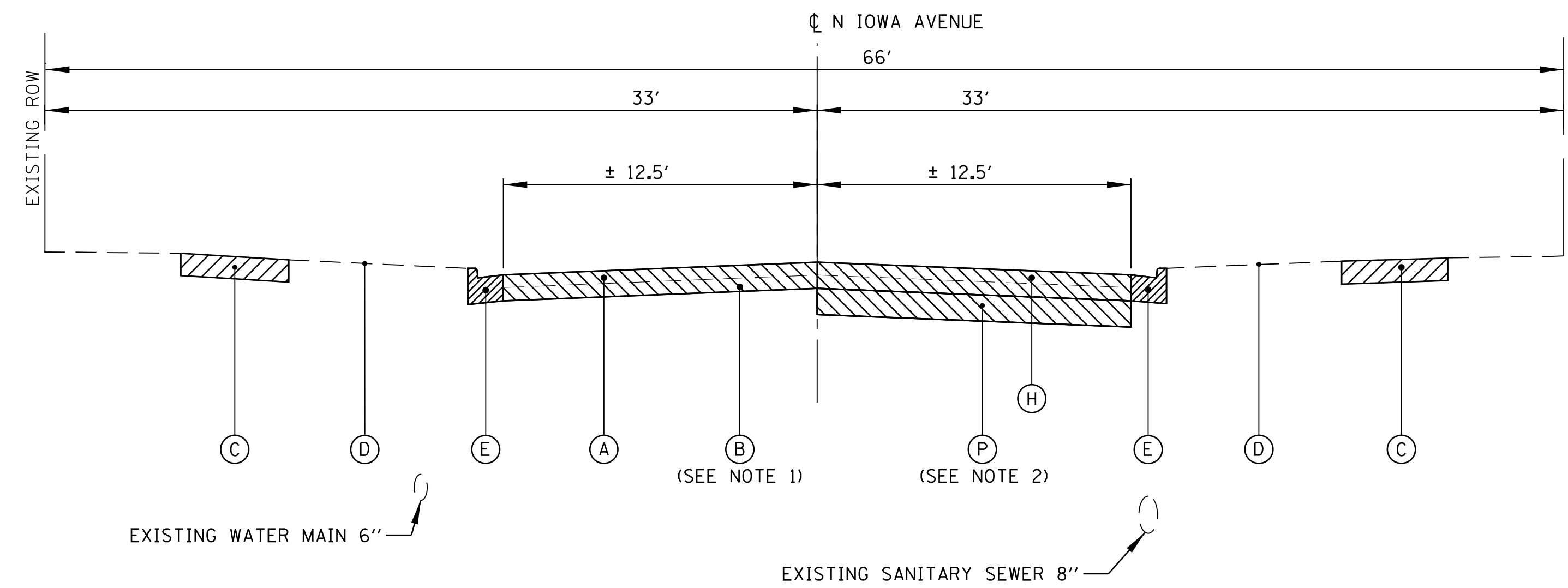
IOWA AND VERMONT IMPROVEMENT PROJECT SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A		25	3
CONTRACT NO. N/A				
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE ITEM	AIR VOIDS @ Ndes	OMP
ROADWAY PAVEMENT RECONSTRUCTION AND CLASS D PATCHING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"	4% @ 50 GYR	LR 1030-2

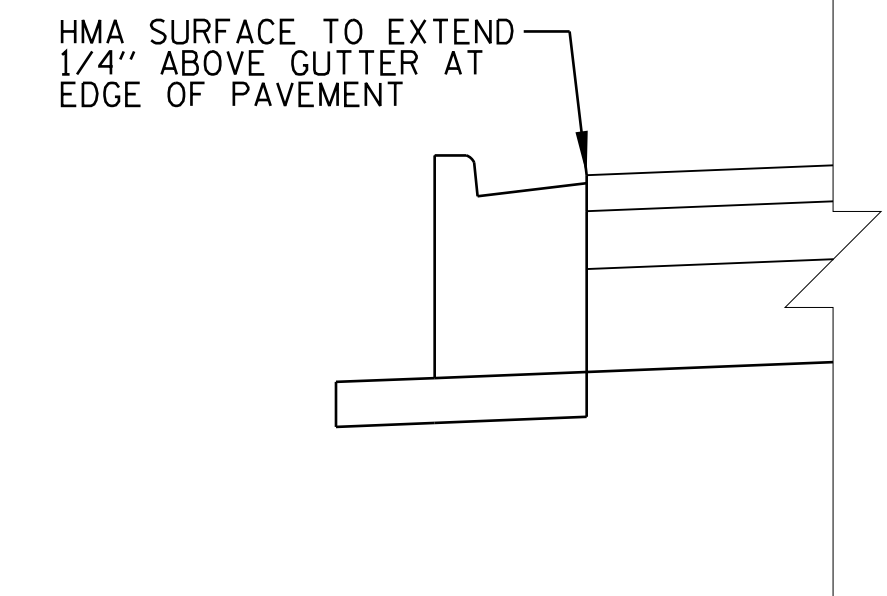
- NOTES:
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.



EXISTING TYPICAL SECTION

IOWA AVENUE
VERMONT STREET TO PLYMOUTH STREET

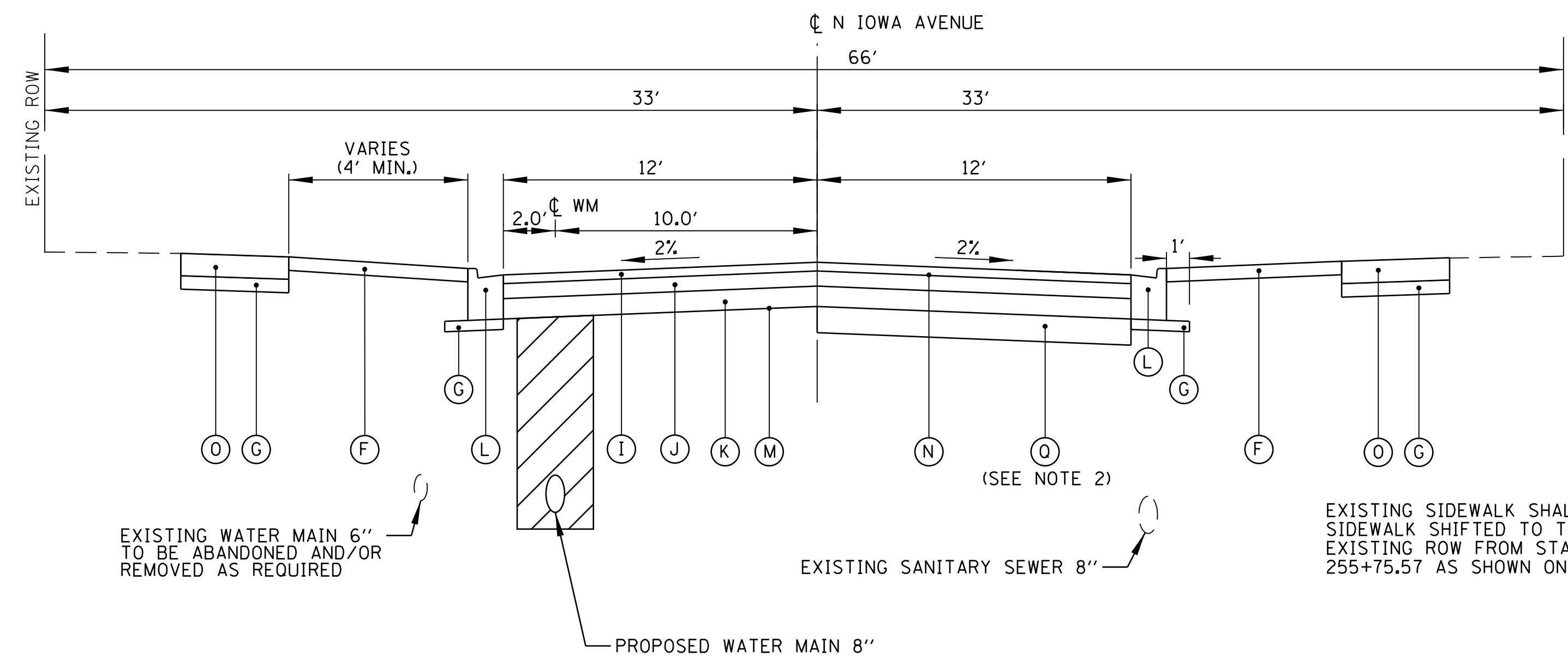
HMA SURFACE DETAIL



LEGEND:

- TRENCH BEDDING AND BACKFILL
- REMOVAL ITEMS
- (A) EXISTING HMA PAVEMENT (3.75" THICK PER PAVEMENT CORES BUT COULD VARY)
- (B) EXISTING SUBBASE/SUBGRADE (SEE SOIL BORINGS), SEE NOTE 1
- (C) SIDEWALK REMOVAL
- (D) EXISTING TOPSOIL AND GROUND COVER
- (E) CURB AND GUTTER REMOVAL
- (F) PARKWAY RESTORATION - SODDING, SALT TOLERANT AND PARKWAY RESTORATION - TOPSOIL FURNISH AND PLACE, 4"
- (G) SUB-BASE GRANULAR MATERIAL (CA-6), 4" (INCLUDED IN COST OF PROPOSED CURB & GUTTER OR PCC SIDEWALK)
- (H) PAVEMENT REMOVAL
- (I) HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (J) HMA BINDER COURSE, IL-19.0, N50 4"
- (K) AGGREGATE BASE COURSE, TYPE B, 6"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (M) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (N) BITUMINOUS MATERIALS (TACK COAT)
- (O) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (P) REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (AS DIRECTED BY THE ENGINEER, SEE NOTE 2)
- (Q) POROUS GRANULAR EMBANKMENT (AS DIRECTED BY THE ENGINEER, SEE NOTE 2)
- (R) EXISTING PCC PAVEMENT & MONOLITHIC CURB (SEE SOIL BORINGS FOR THICKNESS)

- NOTES:
- THE EXCAVATION OF THE EXISTING ROADWAY SUBBASE/SUBGRADE BENEATH THE EXISTING HMA PAVEMENT AND CURB (INCLUDING ALL STONE, EARTH, CLAY, SOIL, ETC.) REQUIRED TO INSTALL THE PROPOSED PAVEMENT SECTION AND CURB AND GUTTER SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION (ROADWAY). ALL OTHER EARTH EXCAVATION SHALL BE INCLUDED IN THE COST OF THE ITEM REQUIRING IT (DRIVEWAY REPLACEMENT, SIDEWALK REPLACEMENT, PARKWAY RESTORATION, ETC.). SEE SPECIAL PROVISIONS FOR MORE INFORMATION.
 - UNDERCUTS SHALL BE MADE AS DIRECTED BY THE ENGINEER ONCE THE EXCAVATION FOR THE PROPOSED PAVEMENT IS COMPLETE. UNDERCUTS SHALL CONSIST OF REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL, GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND REPLACEMENT WITH POROUS GRANULAR EMBANKMENT.



PROPOSED TYPICAL SECTION

IOWA AVENUE
VERMONT STREET TO PLYMOUTH STREET

MODEL: D:\default... TRANSSYSTEMS\Projects\2022\CH401\401220123\RoadStandard_Sheets\05_Typical_Sections\0123typsections-01



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PLOT DATE = 2/20/2024	CHECKED - DWB	REVISED -
	DATE - 02-20-24	REVISED -

CLIENTS

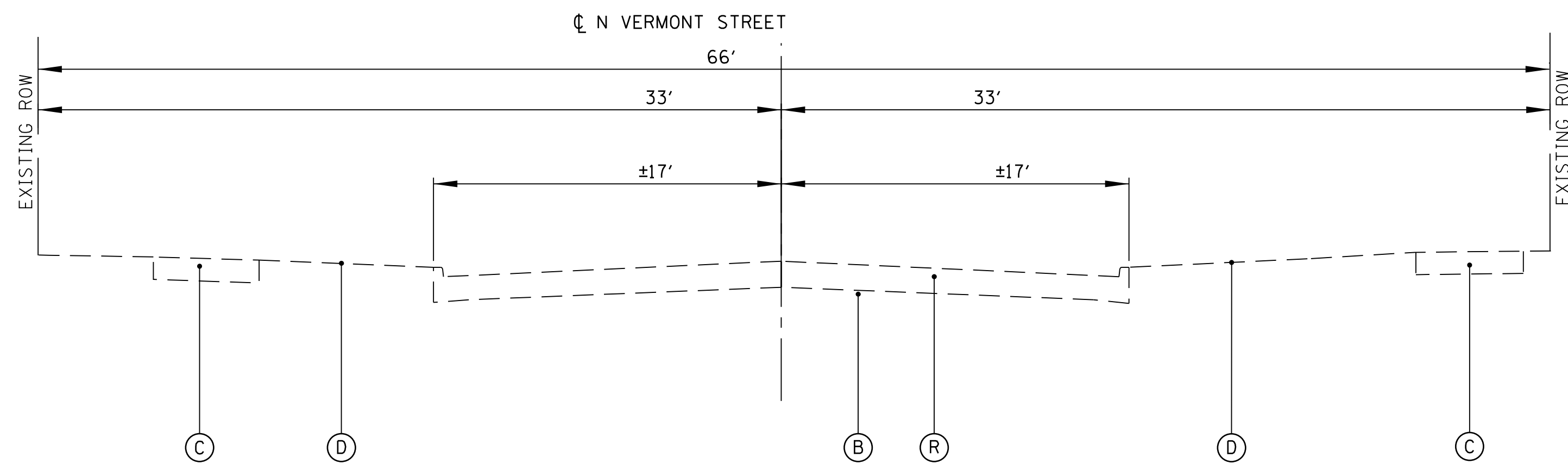


VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

IOWA AND VERMONT IMPROVEMENT PROJECT
TYPICAL SECTIONS

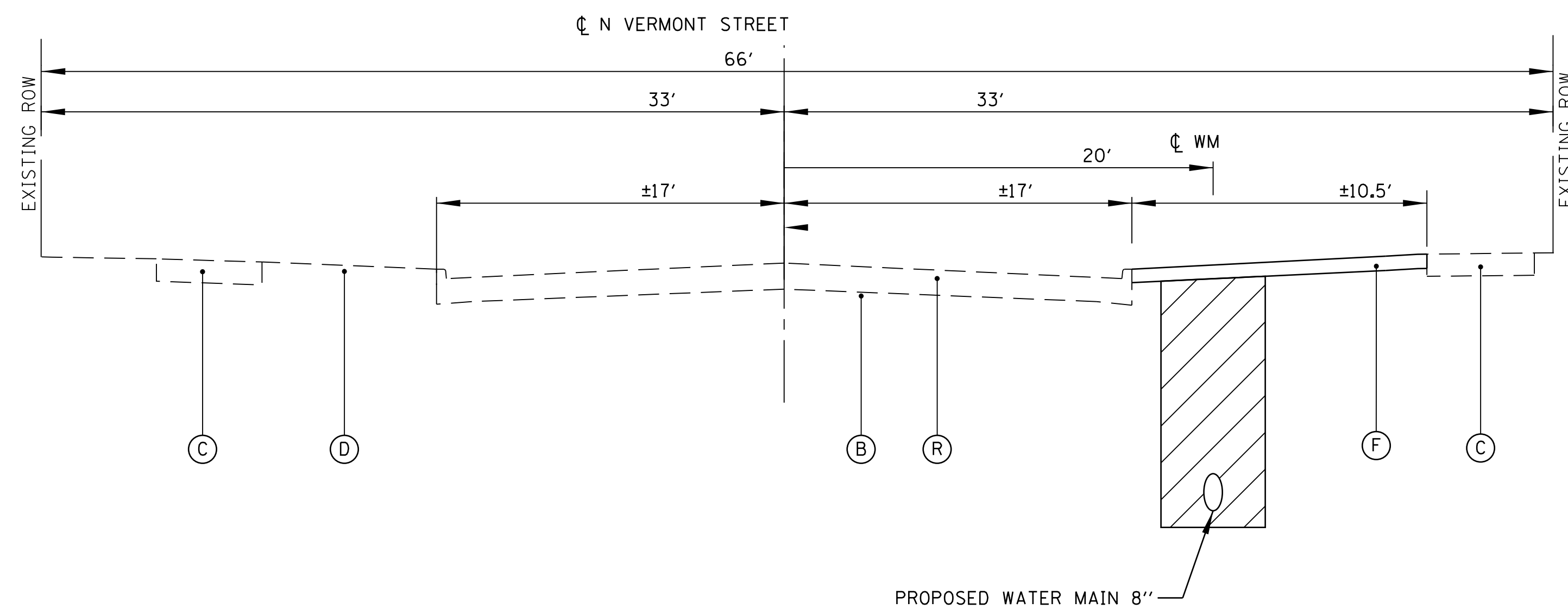
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A	DUPAGE	25	4
CONTRACT NO. N/A				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

VERMONT STREET
IOWA AVENUE TO WISCONSIN AVENUE
(LOOKING EAST)



PROPOSED TYPICAL SECTION

VERMONT STREET
IOWA AVENUE TO WISCONSIN AVENUE
(LOOKING EAST)

LEGEND:

- TRENCH BEDDING AND BACKFILL
- REMOVAL ITEMS

- (A) EXISTING HMA PAVEMENT (3.75" THICK PER PAVEMENT CORES BUT COULD VARY)
- (B) EXISTING SUBBASE/SUBGRADE (SEE SOIL BORINGS), SEE NOTE 1
- (C) EXISTING CONCRETE SIDEWALK OR SIDEWALK REMOVAL (AS DIRECTED BY ENGINEER)
- (D) EXISTING TOPSOIL AND GROUND COVER
- (E) CURB AND GUTTER REMOVAL
- (F) PARKWAY RESTORATION - SODDING, SALT TOLERANT AND PARKWAY RESTORATION - TOPSOIL FURNISH AND PLACE, 4"
- (G) SUB-BASE GRANULAR MATERIAL (CA-6), 4" (INCLUDED IN COST OF PROPOSED CURB & GUTTER OR PCC SIDEWALK)
- (H) PAVEMENT REMOVAL
- (I) HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- (J) HMA BINDER COURSE, IL-19.0, N50 4"
- (K) AGGREGATE BASE COURSE, TYPE B, 6"
- (L) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (M) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (N) BITUMINOUS MATERIALS (TACK COAT)
- (O) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (P) REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (AS DIRECTED BY THE ENGINEER, SEE NOTE 2)
- (Q) POROUS GRANULAR EMBANKMENT (AS DIRECTED BY THE ENGINEER, SEE NOTE 2)
- (R) EXISTING PCC PAVEMENT & MONOLITHIC CURB (SEE SOIL BORINGS FOR THICKNESS)

NOTES:

1. THE EXCAVATION OF THE EXISTING ROADWAY SUBBASE/SUBGRADE BENEATH THE EXISTING HMA PAVEMENT AND CURB (INCLUDING ALL STONE, EARTH, CLAY, SOIL, ETC.) REQUIRED TO INSTALL THE PROPOSED PAVEMENT SECTION AND CURB AND GUTTER SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION (ROADWAY). ALL OTHER EARTH EXCAVATION SHALL BE INCLUDED IN THE COST OF THE ITEM REQUIRING IT (DRIVEWAY REPLACEMENT, SIDEWALK REPLACEMENT, PARKWAY RESTORATION, ETC.). SEE SPECIAL PROVISIONS FOR MORE INFORMATION.
2. UNDERCUTS SHALL BE MADE AS DIRECTED BY THE ENGINEER ONCE THE EXCAVATION FOR THE PROPOSED PAVEMENT IS COMPLETE. UNDERCUTS SHALL CONSIST OF REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL, GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND REPLACEMENT WITH POROUS GRANULAR EMBANKMENT.

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PLOT DATE = 2/20/2024	DATE - 02-20-24	REVISED -

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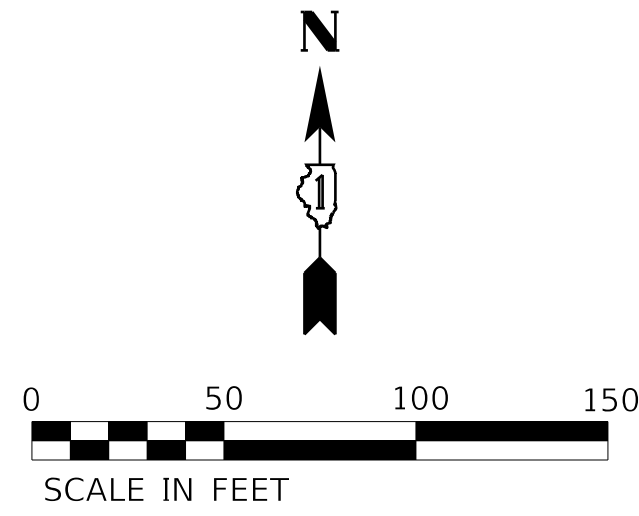


VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

IOWA AND VERMONT IMPROVEMENT PROJECT
TYPICAL SECTIONS

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. STA TO STA. STA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A	DUPAGE	25	5
CONTRACT NO. N/A				
ILLINOIS FED. AID PROJECT				



PR IOWA AVENUE			
	STATION	NORTHING	EASTING
POB	248+00.00	1,905,382.295	1,078,429.678
CL/CL	250+00.00	1,905,582.252	1,078,433.839
CL/CL	256+15.00	1,906,197.137	1,078,445.571
POT	257+19.68	1,906,301.795	1,078,447.620
PR VERMONT STREET			
POB	195+00.00	1,905,587.654	1,077,933.868
CL/CL	200+00.00	1,905,582.245	1,078,433.839
PI	202+58.89	1,905,580.052	1,078,692.716
POT	206+58.89	1,905,576.565	1,079,092.701

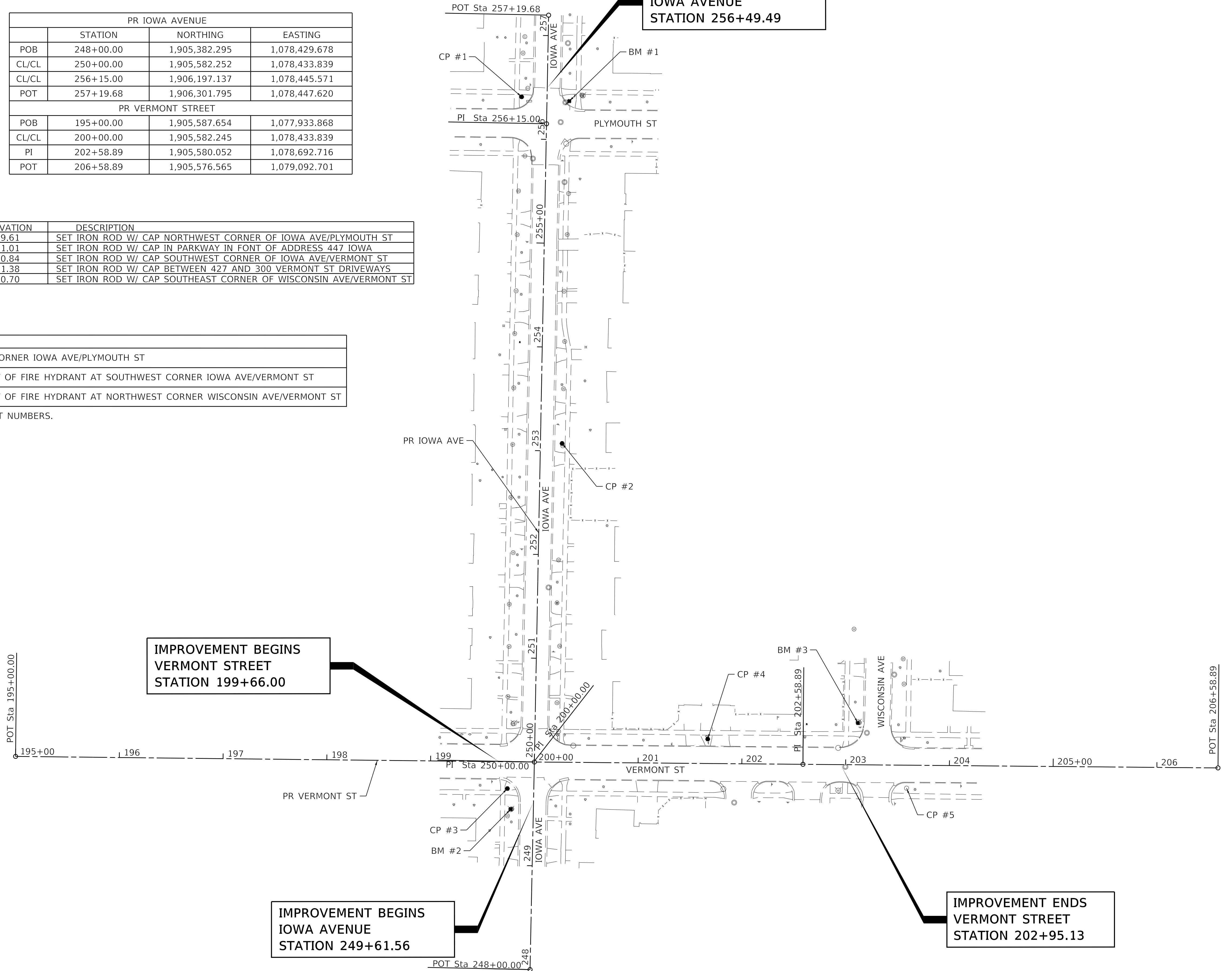
CONTROL POINT SUMMARY

NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #1	1,906,223.130	1,078,421.577	709.61	SET IRON ROD W/ CAP NORTHWEST CORNER OF IOWA AVE/PLYMOUTH ST
CP #2	1,905,889.196	1,078,460.556	711.01	SET IRON ROD W/ CAP IN PARKWAY IN FRONT OF ADDRESS 447 IOWA
CP #3	1,905,556.687	1,078,407.845	710.84	SET IRON ROD W/ CAP SOUTHWEST CORNER OF IOWA AVE/VERMONT ST
CP #4	1,905,604.380	1,078,600.930	711.38	SET IRON ROD W/ CAP BETWEEN 427 AND 300 VERMONT ST DRIVEWAYS
CP #5	1,905,557.070	1,078,792.557	710.70	SET IRON ROD W/ CAP SOUTHEAST CORNER OF WISCONSIN AVE/VERMONT ST

BENCHMARK SUMMARY

NAME	ELEVATION	DESCRIPTION
BM #1	710.87	BENCH TIE IN POWER POLE NORTHEAST CORNER IOWA AVE/PLYMOUTH ST
BM #2	713.01	CUT "X" IN SOUTHWEST TAG/ARROW BOLT OF FIRE HYDRANT AT SOUTHWEST CORNER IOWA AVE/VERMONT ST
BM #3	712.41	CUT "X" IN SOUTHWEST TAG/ARROW BOLT OF FIRE HYDRANT AT NORTHWEST CORNER WISCONSIN AVE/VERMONT ST

NOTE: TBM NUMBERS DO NOT CORRELATE TO CONTROL POINT NUMBERS.



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PLOT DATE = 2/20/2024	CHECKED - DWB	REVISED -
	DATE - 02-20-24	REVISED -

CLIENTS	VILLAGE OF VILLA PARK
	20 S. Ardmore Ave.
	Villa Park, IL 60181-2696

IOWA AND VERMONT IMPROVEMENT PROJECT	
ALIGNMENTS, TIES & BENCHMARKS	
SCALE: 1"=50'	SHEET 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A	DUPAGE	25	6
CONTRACT NO. N/A				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
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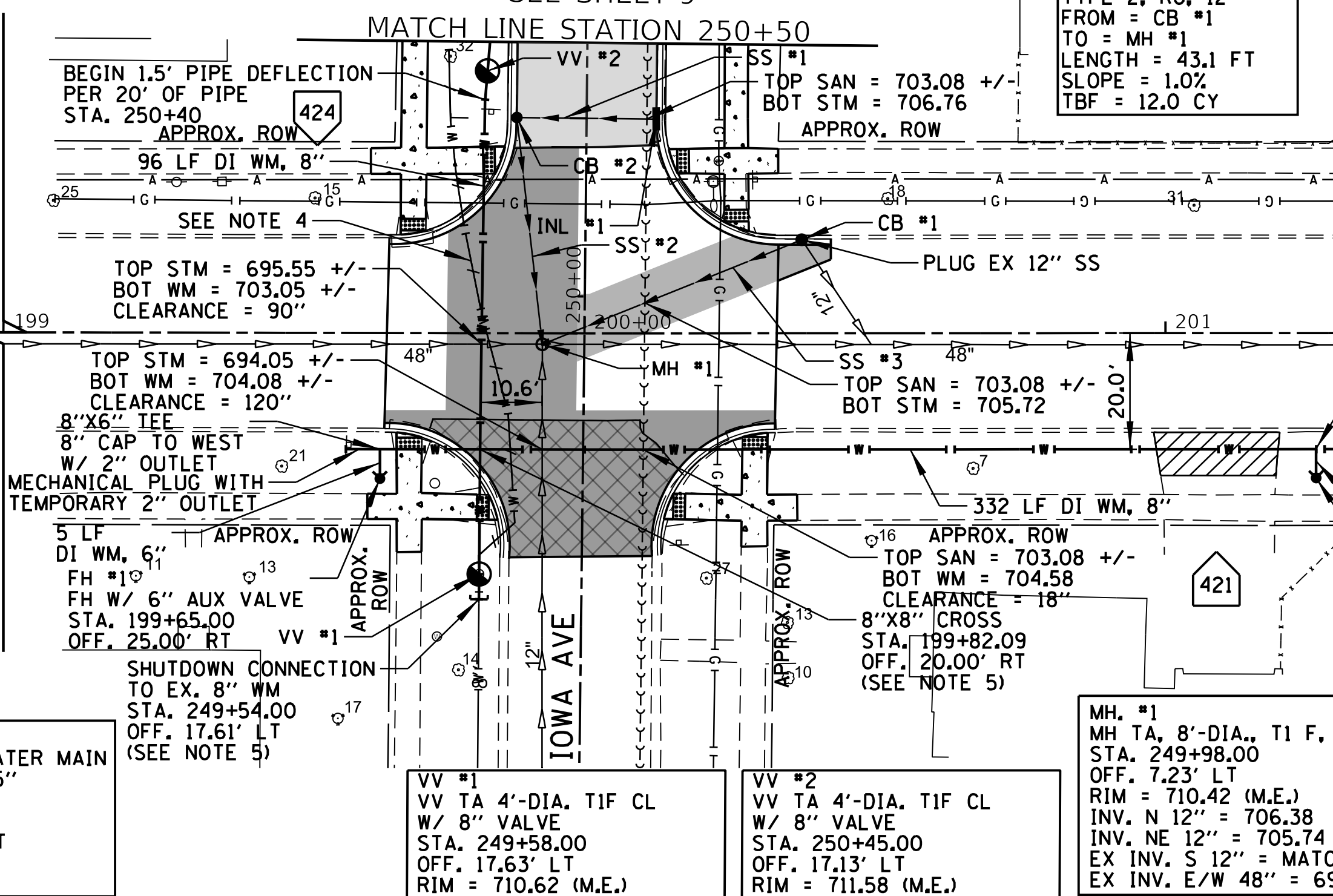
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CB #2
 CB TA, 4'-DIA., T11 F&G
 STA. 250+37.00
 OFF. 12.00' LT
 RIM = 710.95
 INV. E 12" = 706.71
 INV. S 12" = 706.71

SS #1
 STORM SEWER, CL A,
 TYPE 2, RG, 12"
 FROM = INL #1
 TO = CB #2
 LENGTH = 24.0 FT
 SLOPE = 1.0%
 TBF = 6.0 CY

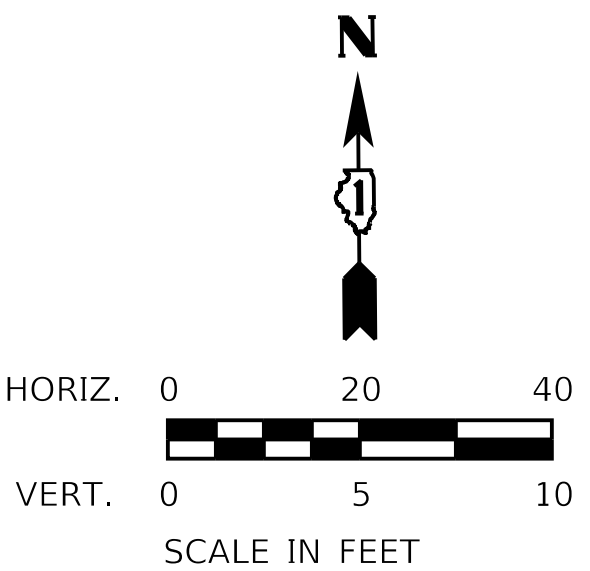
INL #1
 INL TA, 2'-DIA., T11 F&G
 STA. 250+37.00
 OFF. 12.00' RT
 RIM = 710.95
 INV. W 12" = 706.95

CB #1
 CB TC, 2'-DIA., T11 F&G
 STA. 250+16.54
 OFF. 37.23' RT
 RIM = 710.17 (M.E.)
 INV. SW 12" = 706.17



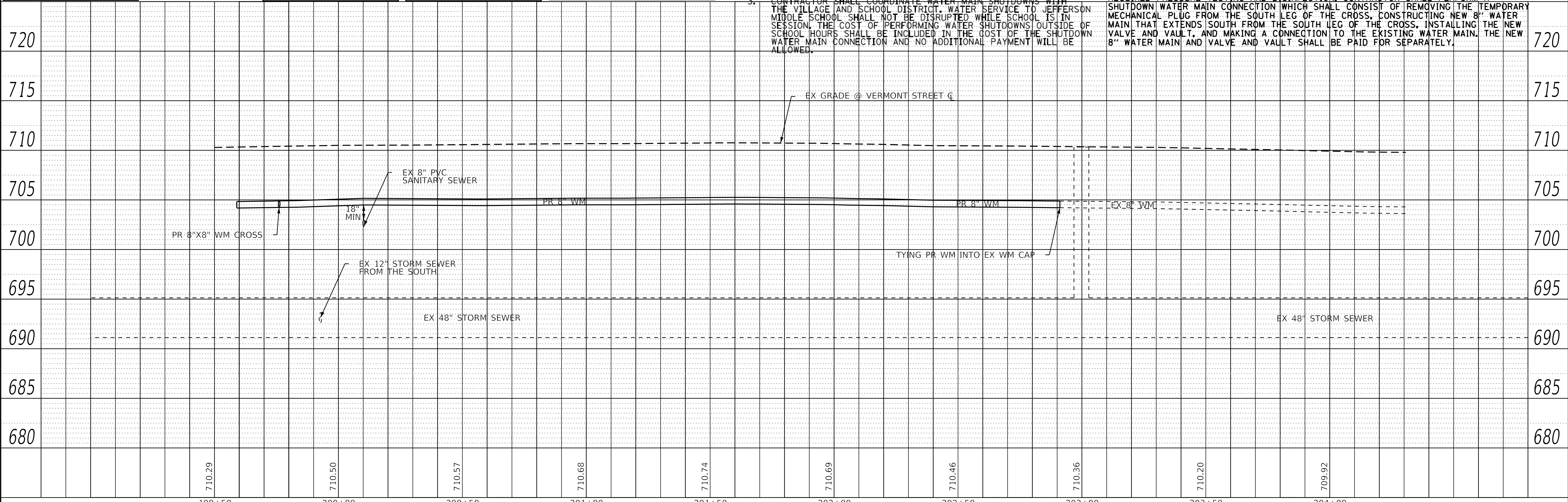
- NOTES:
- PAVEMENT MARKINGS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS. EPOXY PAVEMENT MARKINGS SHALL BE INSTALLED ON PCC PAVEMENT AND THERMOPLASTIC PAVEMENT MARKINGS SHALL BE INSTALLED ON HMA PAVEMENT.
 - CLASS B PATCHES SHALL BE CONSTRUCTED SO AT LEAST ONE DRIVING LANE AND/OR HALF OF AN ENTRANCE IS OPEN AT ALL TIMES. THE USE OF STEEL PLATES MAY BE REQUIRED TO KEEP ROADS OPEN TO TRAFFIC.
 - CONTRACTOR SHALL COORDINATE WATER MAIN SHUTDOWNS WITH THE VILLAGE AND SCHOOL DISTRICT. WATER SERVICE TO JEFFERSON MIDDLE SCHOOL SHALL NOT BE DISRUPTED WHILE SCHOOL IS IN SESSION. THE COST OF PERFORMING WATER SHUTDOWNS OUTSIDE OF SCHOOL HOURS SHALL BE INCLUDED IN THE COST OF THE SHUTDOWN WATER MAIN CONNECTION AND NO ADDITIONAL PAYMENT WILL BE ALLOWED.

- CONTRACTOR TO PERFORM EXPLORATORY EXCAVATION PRIOR TO CONSTRUCTING NEW WATER MAIN TO DETERMINE THE ACTUAL HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING WATER MAIN. CONTRACTOR TO LAY NEW WATER MAIN SUCH THAT CONFLICTS WITH THE EXISTING WATER MAIN ARE AVOIDED, AND SUCH THAT VERTICAL SEPARATION BETWEEN THE EXISTING WATER MAIN AND THE NEW WATER MAIN IS ACHIEVED BY LAYING NEW WATER MAIN WITH DEFLECTION IN INDIVIDUAL PIPES TO ACHIEVE DESIRED VERTICAL ALIGNMENT WITHOUT THE USE OF ANY FITTINGS.
- CONTRACTOR SHALL INSTALL A TEMPORARY MECHANICAL PLUG ON THE SOUTH LEG OF THE CROSS UPON ITS INSTALLATION. AFTER NEW EAST-WEST AND NORTH MAINS PASS REQUIRED PRESSURE TESTING AND DISINFECTION, CONTRACTOR SHALL PERFORM A SHUTDOWN WATER MAIN CONNECTION WHICH SHALL CONSIST OF REMOVING THE TEMPORARY MECHANICAL PLUG FROM THE SOUTH LEG OF THE CROSS, CONSTRUCTING NEW 8" WATER MAIN THAT EXTENDS SOUTH FROM THE SOUTH LEG OF THE CROSS, INSTALLING THE NEW VALVE AND VAULT, AND MAKING A CONNECTION TO THE EXISTING WATER MAIN. THE NEW 8" WATER MAIN AND VALVE AND VAULT SHALL BE PAID FOR SEPARATELY.



LEGEND

[Symbol]	PAVEMENT RECONSTRUCTION
[Symbol]	CLASS B PATCHES, SPECIAL, 7"
[Symbol]	CLASS D PATCHES, 6"
[Symbol]	PCC DRIVEWAY PAVEMENT, 6"
[Symbol]	PCC SIDEWALK, 5"
[Symbol]	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
[Symbol]	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
[Symbol]	SANITARY MANHOLES TO BE ADJUSTED



USER NAME = CEComin	DESIGNED - CEC	REVISED -
	DRAWN - CEC	REVISED -
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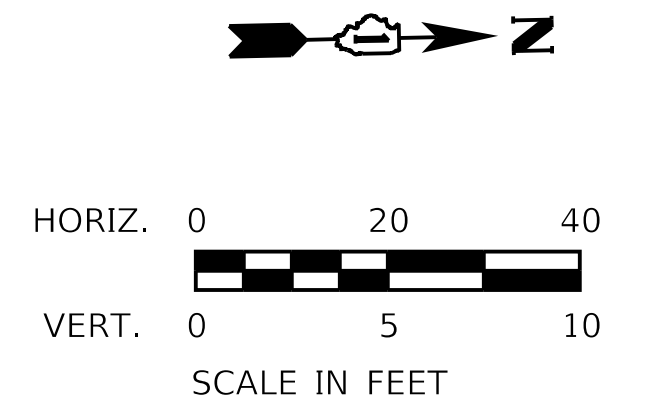
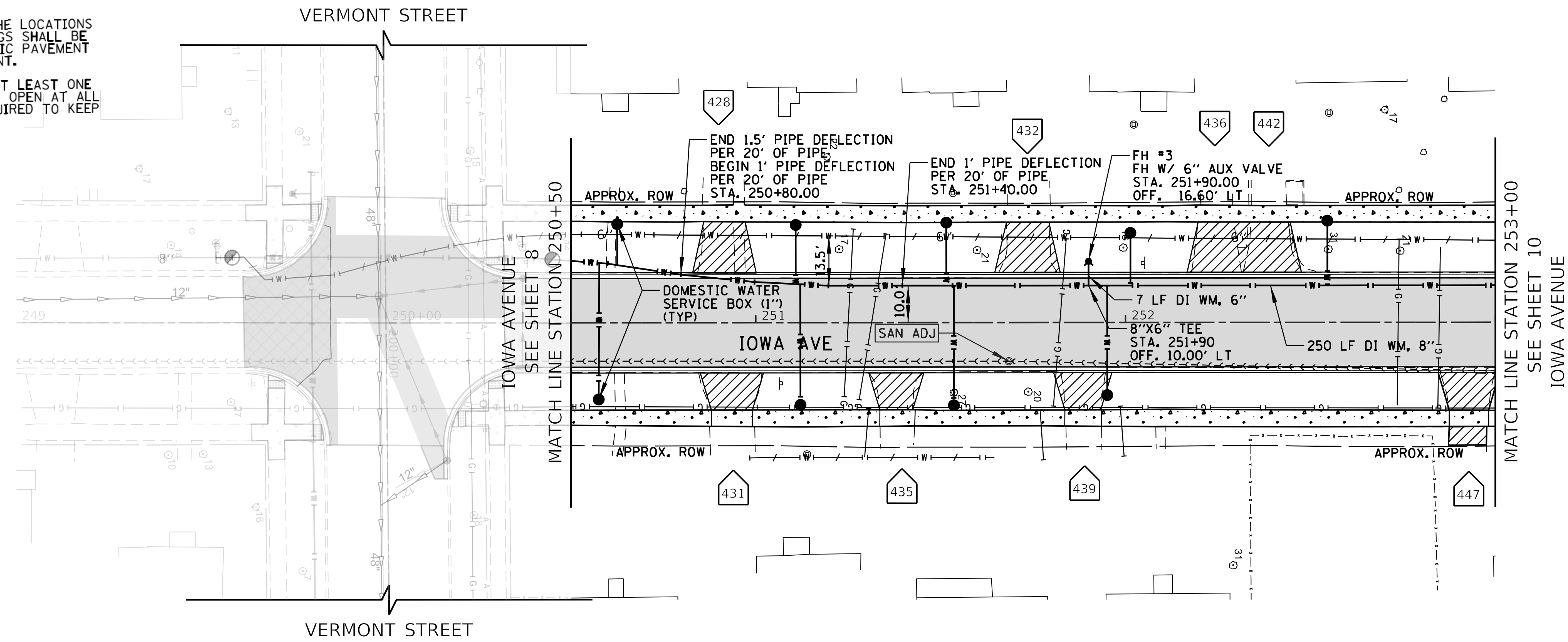
 VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

IOWA AND VERMONT IMPROVEMENT PROJECT
PLAN AND PROFILE
 SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 199+50.00 TO STA. 204+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A	DUPAGE	25	8
CONTRACT NO. N/A				
ILLINOIS FED. AID PROJECT				

NOTES:

- PAVEMENT MARKINGS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS. EPOXY PAVEMENT MARKINGS SHALL BE INSTALLED ON PCC PAVEMENT AND THERMOPLASTIC PAVEMENT MARKINGS SHALL BE INSTALLED ON HMA PAVEMENT.
- CLASS B PATCHES SHALL BE CONSTRUCTED SO AT LEAST ONE DRIVING LANE AND/OR HALF OF AN ENTRANCE IS OPEN AT ALL TIMES. THE USE OF STEEL PLATES MAY BE REQUIRED TO KEEP ROADS OPEN TO TRAFFIC.



LEGEND

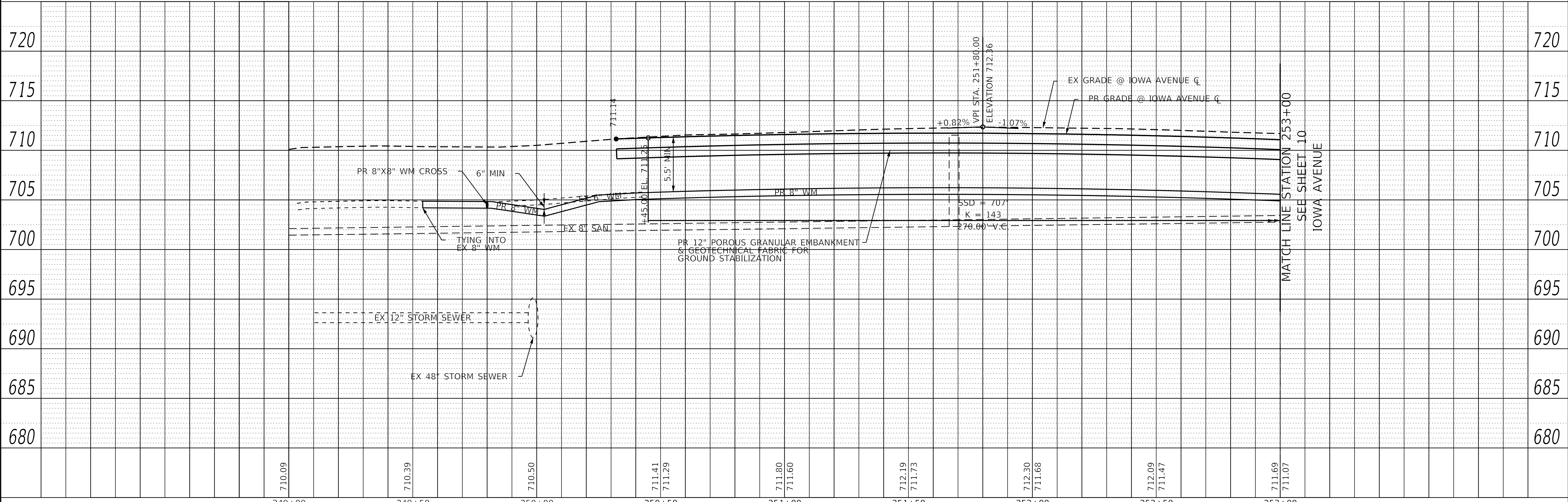
	PAVEMENT RECONSTRUCTION
	CLASS B PATCHES, SPECIAL, 7"
	CLASS D PATCHES, 6"
	PCC DRIVEWAY PAVEMENT, 6"
	PCC SIDEWALK, 5"
	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	SANITARY MANHOLES TO BE ADJUSTED

PLAN

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

PROFILE

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	



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USER NAME = CECComin	DESIGNED - CEC	REVISED -
	DRAWN - CEC	REVISED -
	CHECKED - DWB	REVISED -
	DATE - 02-20-24	REVISED -

CLIENT

VILLAGE OF VILLA PARK
 20 S. Ardmore Ave.
 Villa Park, IL 60181-2696

IOWA AND VERMONT IMPROVEMENT PROJECT

PLAN AND PROFILE

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 249+00.00 TO STA. 253+00.00

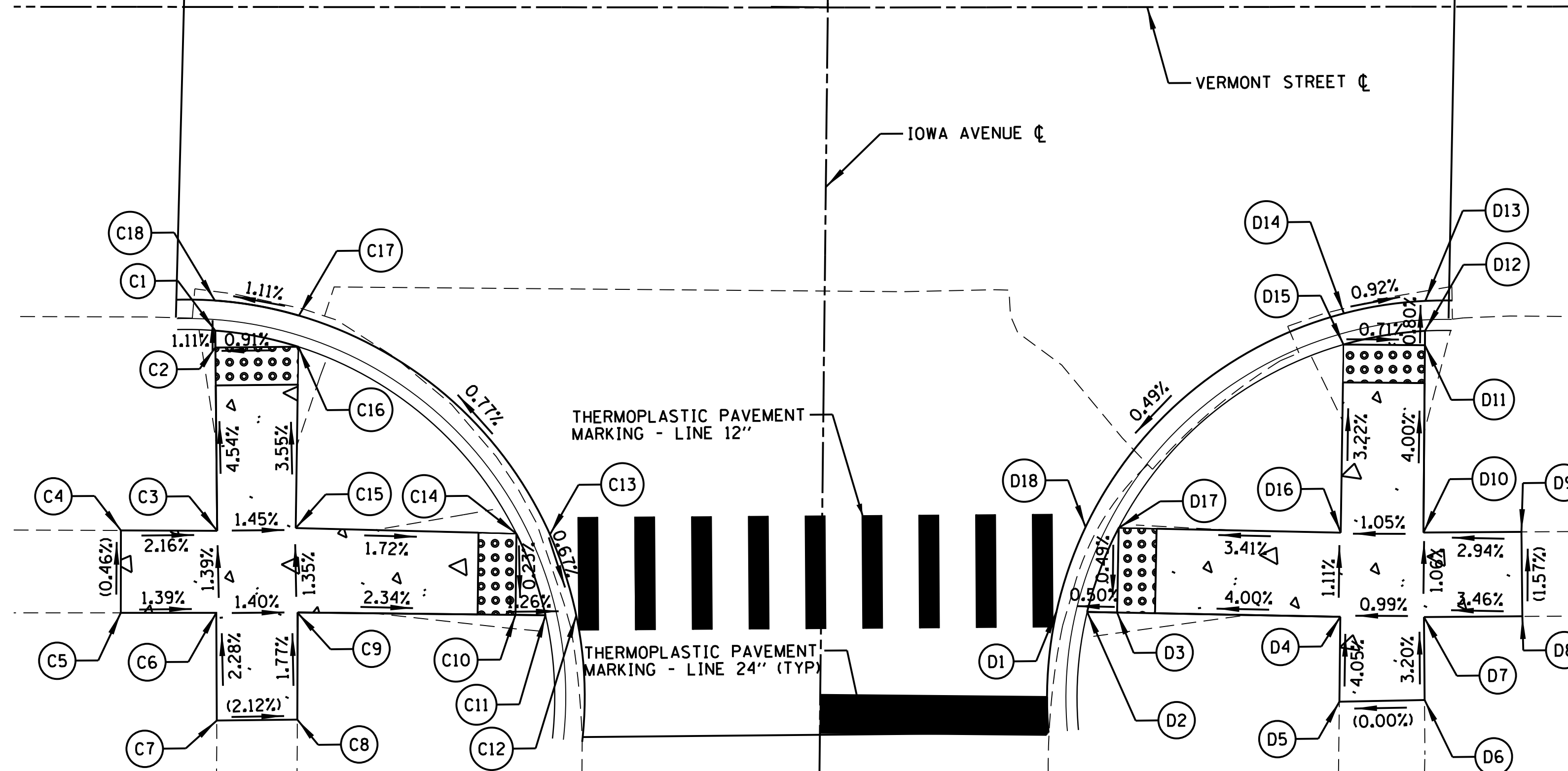
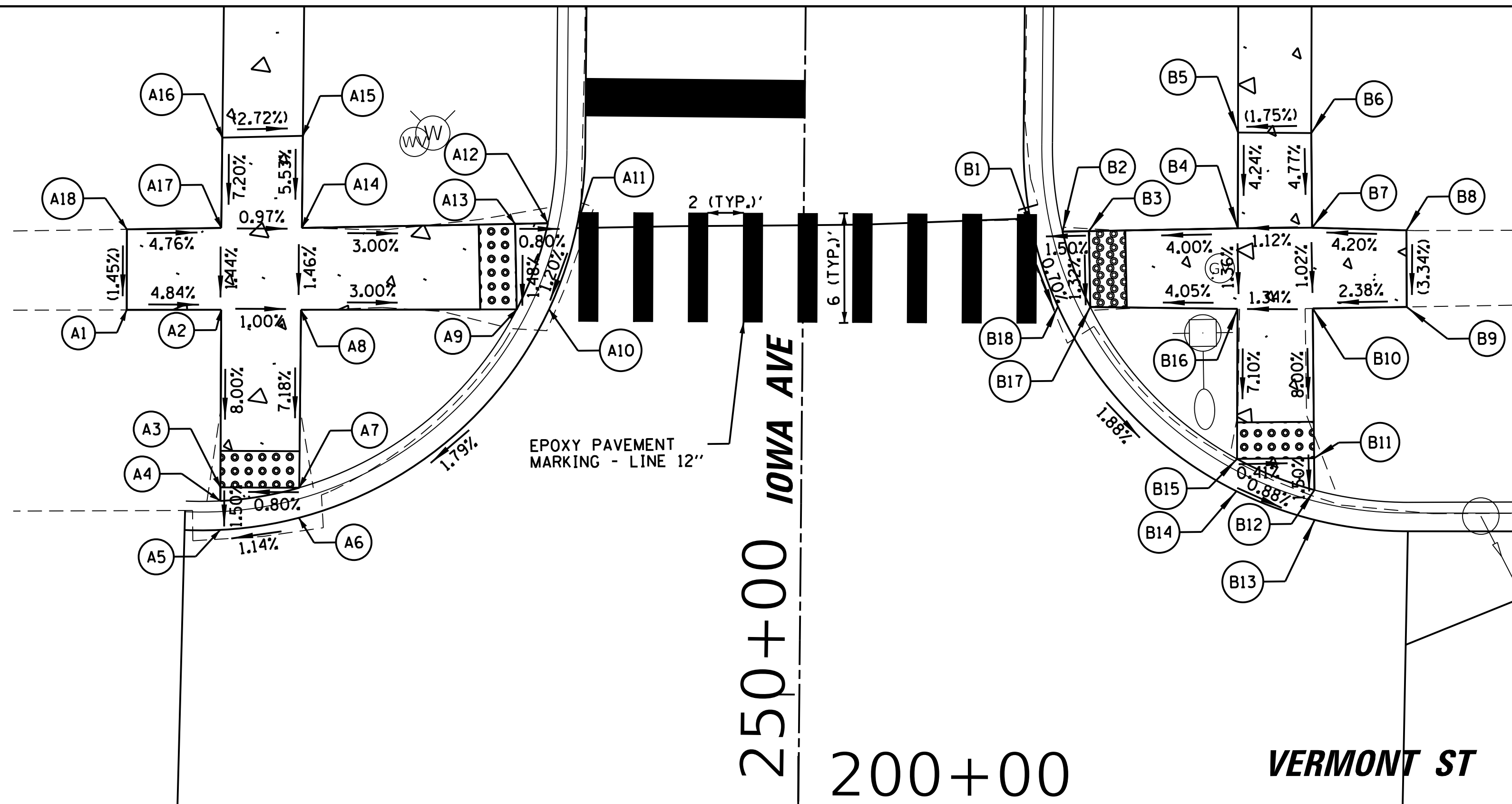
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A	DUPAGE	25	9
CONTRACT NO. N/A			ILLINOIS FED. AID PROJECT	

POINT	STA.	OFFSET	ELEV.
A1	250+27.08	37.02' LT	(711.39)
A2	250+27.13	31.85' LT	711.14
A3	250+17.41	31.80' LT	710.36
A4	250+16.66	31.80' LT	710.35
A5	250+15.08	31.79' LT	(710.36)
A6	250+15.78	27.49' LT	(710.41)
A7	250+17.43	27.49' LT	710.40
A8	250+27.17	27.48' LT	711.10
A9	250+27.30	15.66' LT	710.74
A10	250+27.32	13.90' LT	(710.74)
A11	250+32.08	12.38' LT	710.80
A12	250+32.03	14.00' LT	710.80
A13	250+31.98	15.80' LT	710.81
A14	250+31.65	27.47' LT	711.16
A15	250+36.69	27.46' LT	(711.44)
A16	250+36.56	31.87' LT	(711.56)
A17	250+31.61	31.89' LT	711.20
A18	250+31.49	37.06' LT	(711.45)

POINT	STA.	OFFSET	ELEV.
C1	249+82.57	32.16' LT	710.15
C2	249+81.67	32.14' LT	710.16
C3	249+71.99	31.94' LT	710.60
C4	249+71.96	37.02' LT	(710.71)
C5	249+67.61	36.98' LT	(710.73)
C6	249+67.66	31.94' LT	710.66
C7	249+61.97	31.85' LT	(710.79)
C8	249+62.07	27.60' LT	(710.70)
C9	249+67.73	27.63' LT	710.60
C10	249+67.72	16.13' LT	710.33
C11	249+67.72	14.55' LT	710.31
C12	249+67.72	12.93' LT	(710.31)
C13	249+71.99	14.36' LT	(710.34)
C14	249+72.02	16.14' LT	710.34
C15	249+72.18	27.79' LT	710.54
C16	249+81.76	27.76' LT	710.20
C17	249+83.41	27.75' LT	710.20
C18	249+84.16	32.19' LT	710.15

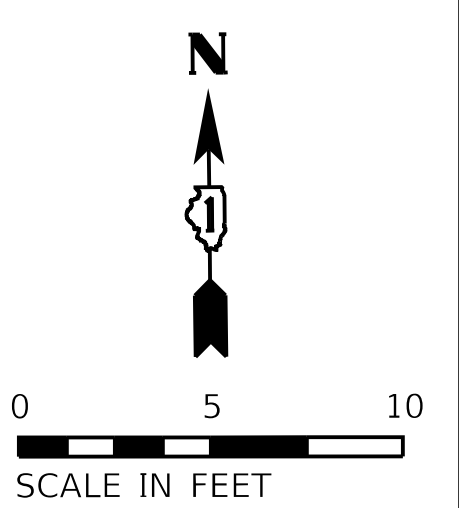
POINT	STA.	OFFSET	ELEV.
B1	250+31.79	12.56' RT	710.78
B2	250+31.83	14.18' RT	710.77
B3	250+31.87	15.62' RT	710.79
B4	250+32.10	23.78' RT	711.12
B5	250+37.35	23.74' RT	(711.34)
B6	250+37.35	27.75' RT	(711.41)
B7	250+32.18	27.85' RT	711.16
B8	250+32.07	33.01' RT	(711.38)
B9	250+27.88	33.06' RT	(711.24)
B10	250+27.75	27.92' RT	711.12
B11	250+19.55	28.07' RT	710.46
B12	250+17.82	28.10' RT	710.44
B13	250+16.18	28.13' RT	(710.44)
B14	250+17.71	23.84' RT	710.48
B15	250+19.48	23.85' RT	710.48
B16	250+27.69	23.80' RT	711.06
B17	250+27.72	15.74' RT	710.74
B18	250+27.72	13.97' RT	710.75

POINT	STA.	OFFSET	ELEV.
D1	249+68.22	12.42' RT	(710.31)
D2	249+68.21	14.05' RT	710.31
D3	249+68.20	15.62' RT	710.31
D4	249+68.10	27.42' RT	710.79
D5	249+63.61	27.41' RT	(710.97)
D6	249+63.75	31.91' RT	(710.97)
D7	249+68.14	31.83' RT	710.83
D8	249+68.23	37.03' RT	(711.01)
D9	249+72.69	36.93' RT	(710.94)
D10	249+72.60	31.76' RT	710.78
D11	249+82.50	31.72' RT	710.39
D12	249+83.25	31.72' RT	710.38
D13	249+84.84	31.72' RT	710.39
D14	249+84.13	27.43' RT	710.43
D15	249+82.48	27.42' RT	710.42
D16	249+72.54	27.39' RT	710.74
D17	249+72.67	15.66' RT	710.34
D18	249+72.69	13.91' RT	710.34



LEGEND

- EX CURB AND GUTTER
- PR CURB AND GUTTER
- () EXISTING ELEVATIONS/SLOPE
- RED DETECTABLE WARNINGS
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH



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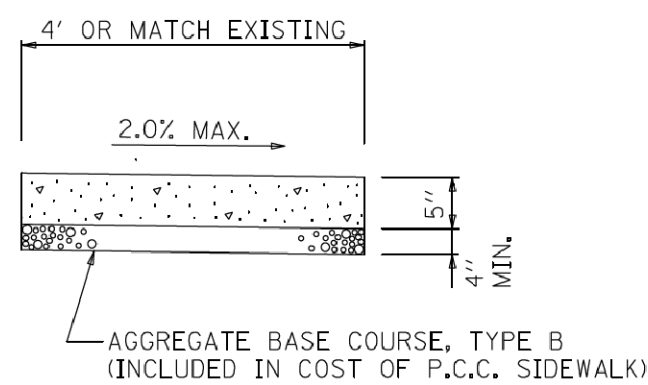
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PLOT DATE = 4/9/2024	CHECKED - DWB	REVISED -
	DATE - 02-20-24	REVISED -

CLIENT:	VILLAGE OF VILLA PARK
	20 S. Ardmore Ave.
	Villa Park, IL 60181-2696

IOWA AND VERMONT IMPROVEMENT PROJECT
ADA SIDEWALK DETAILS

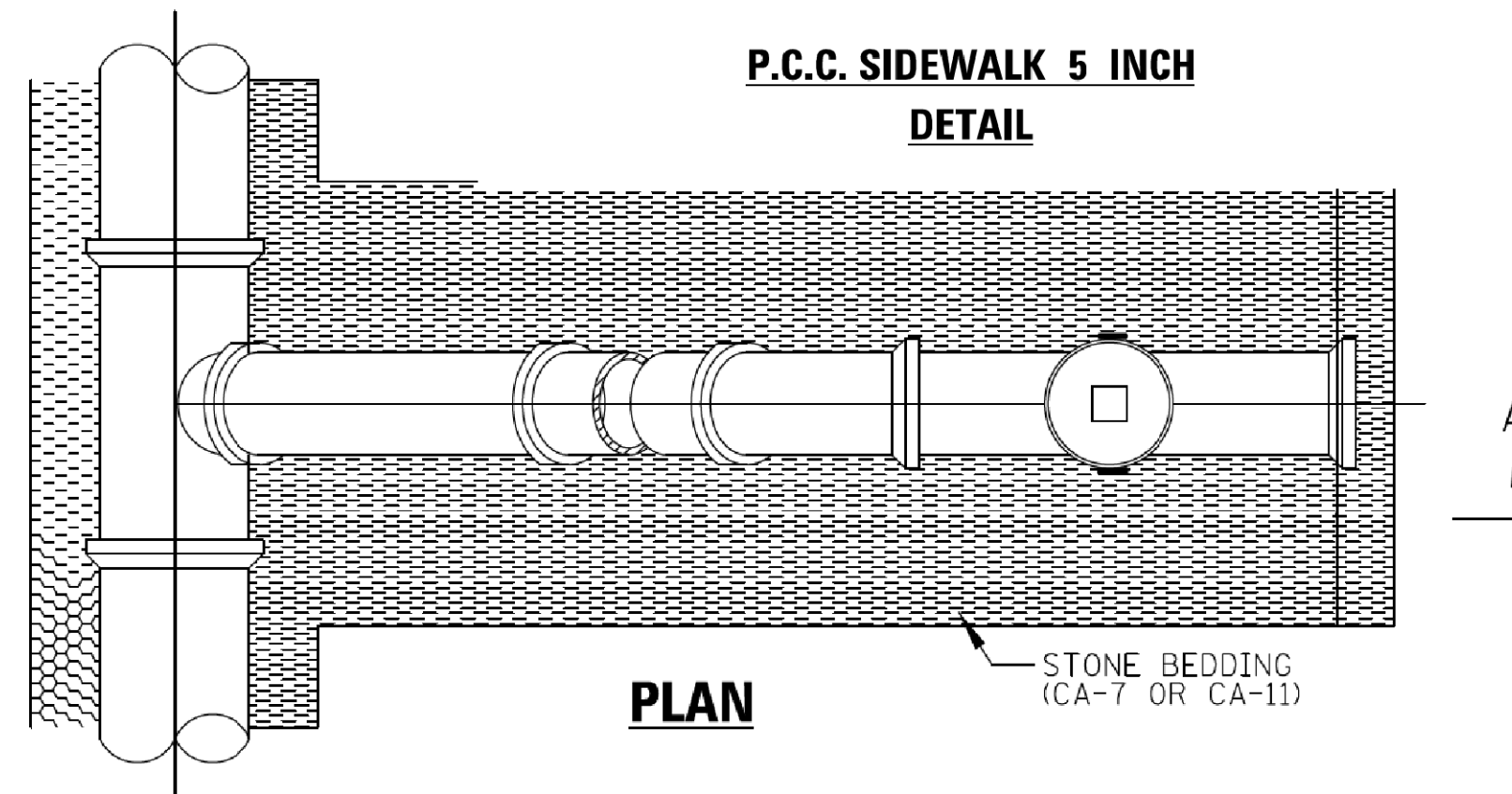
SCALE: 1"=5' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A	DUPAGE	25	11
CONTRACT NO. N/A				
ILLINOIS FED. AID PROJECT				

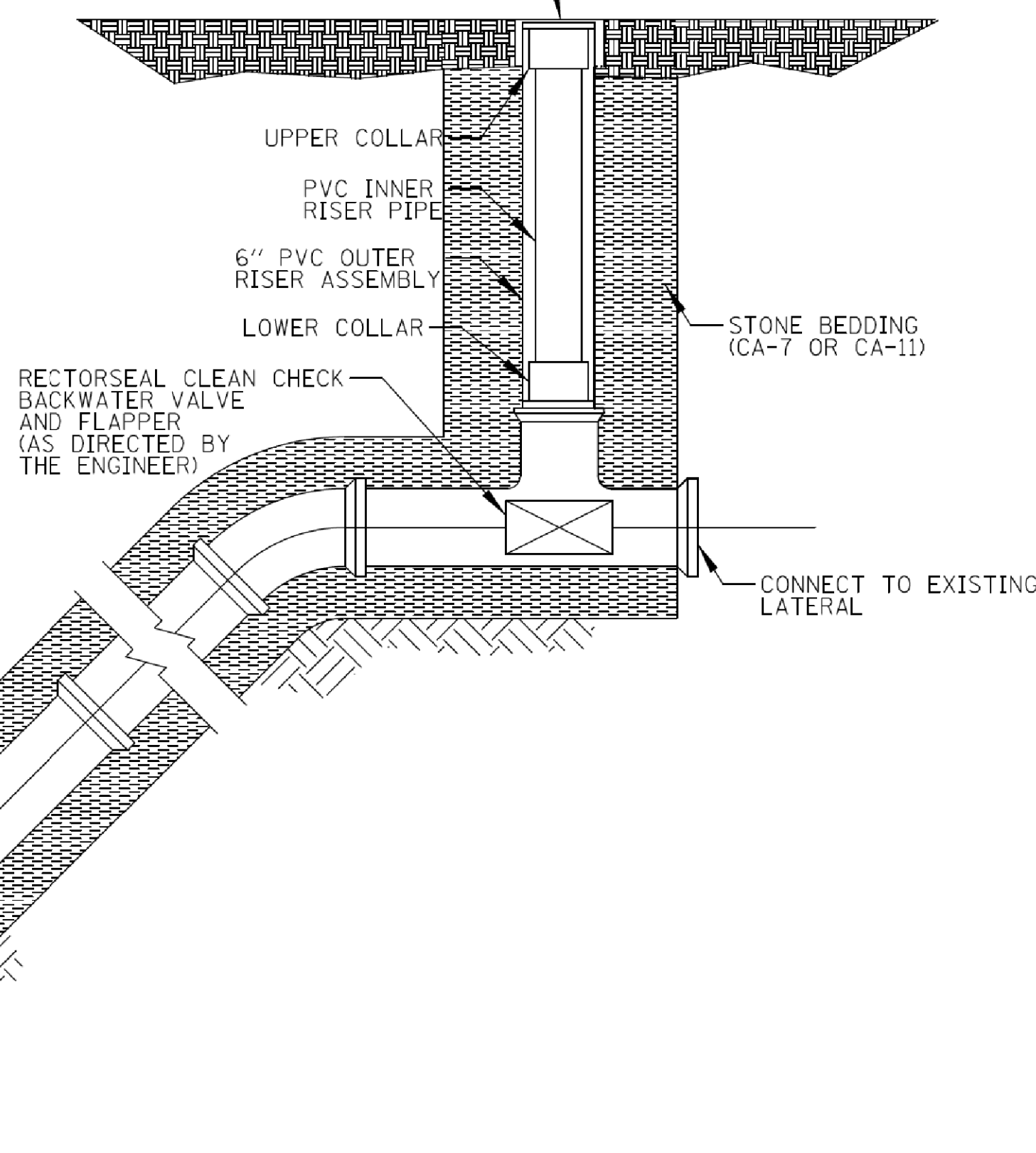


- NOTES:
1. ANY EARTH EXCAVATION REQUIRED TO CONSTRUCT SIDEWALK IN LOCATIONS OF SIDEWALK REPLACEMENT SHALL NOT BE MEASURED SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF SIDEWALK REMOVAL.
 2. THICKNESS SHALL BE INCREASED TO 6" WHERE SIDEWALK IS ADJACENT TO A DRIVEWAY (INCLUDED IN COST OF PCC SIDEWALK 5 INCH).

**P.C.C. SIDEWALK 5 INCH
DETAIL**



THREADED COVER PLUG AT FINISHED GRADE. COVER PLUG IS TO BE AN RECTORSEAL CLEAN CHECK COVER (6").

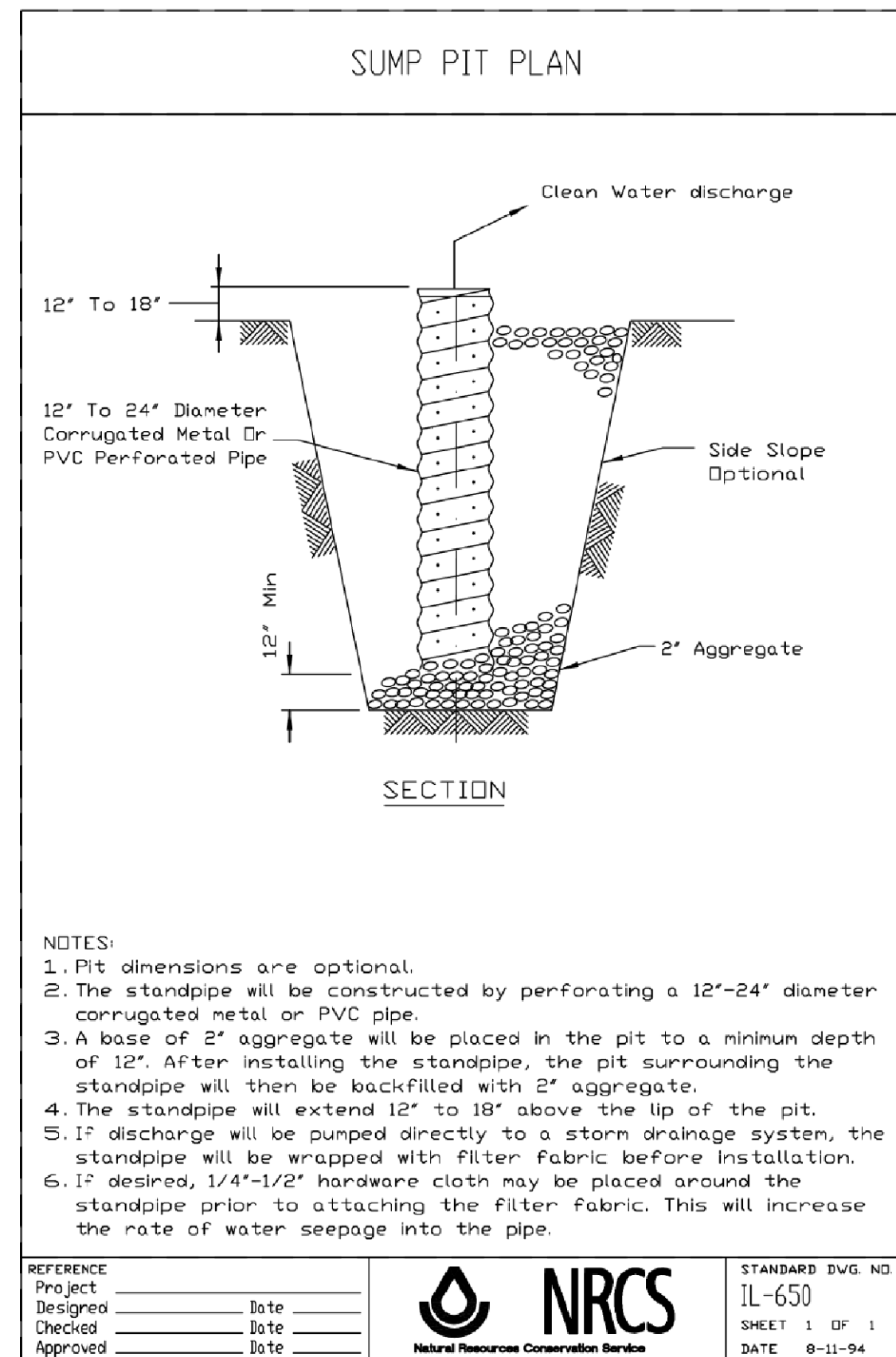


SECTION A-A

GENERAL NOTES:

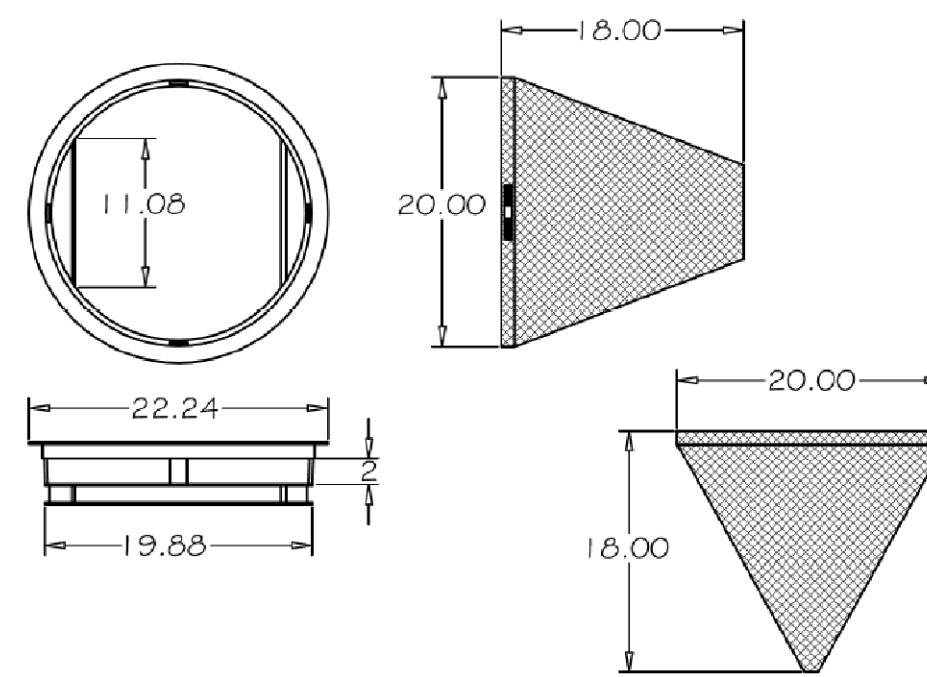
1. CLEANOUT-CHECK VALVE SHALL BE RECTORSEAL CLEAN CHECK BACKWATER VALVE, OR APPROVED EQUAL. ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. CHECK VALVES SHALL ONLY BE INSTALLED IN PROPOSED CLEANOUTS AT THE DIRECTION OF THE ENGINEER.

COMBINATION CLEANOUT-CHECK VALVE



- NOTES:
1. Pit dimensions are optional.
 2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
 3. A base of 2' aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2' aggregate.
 4. The standpipe will extend 12" to 18" above the lip of the pit.
 5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
 6. If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

REFERENCE	Project	Date	Standard DWG. NO.
Designed	_____	_____	IL-650
Checked	_____	_____	SHEET 1 OF 1
Approved	_____	_____	DATE 8-11-94

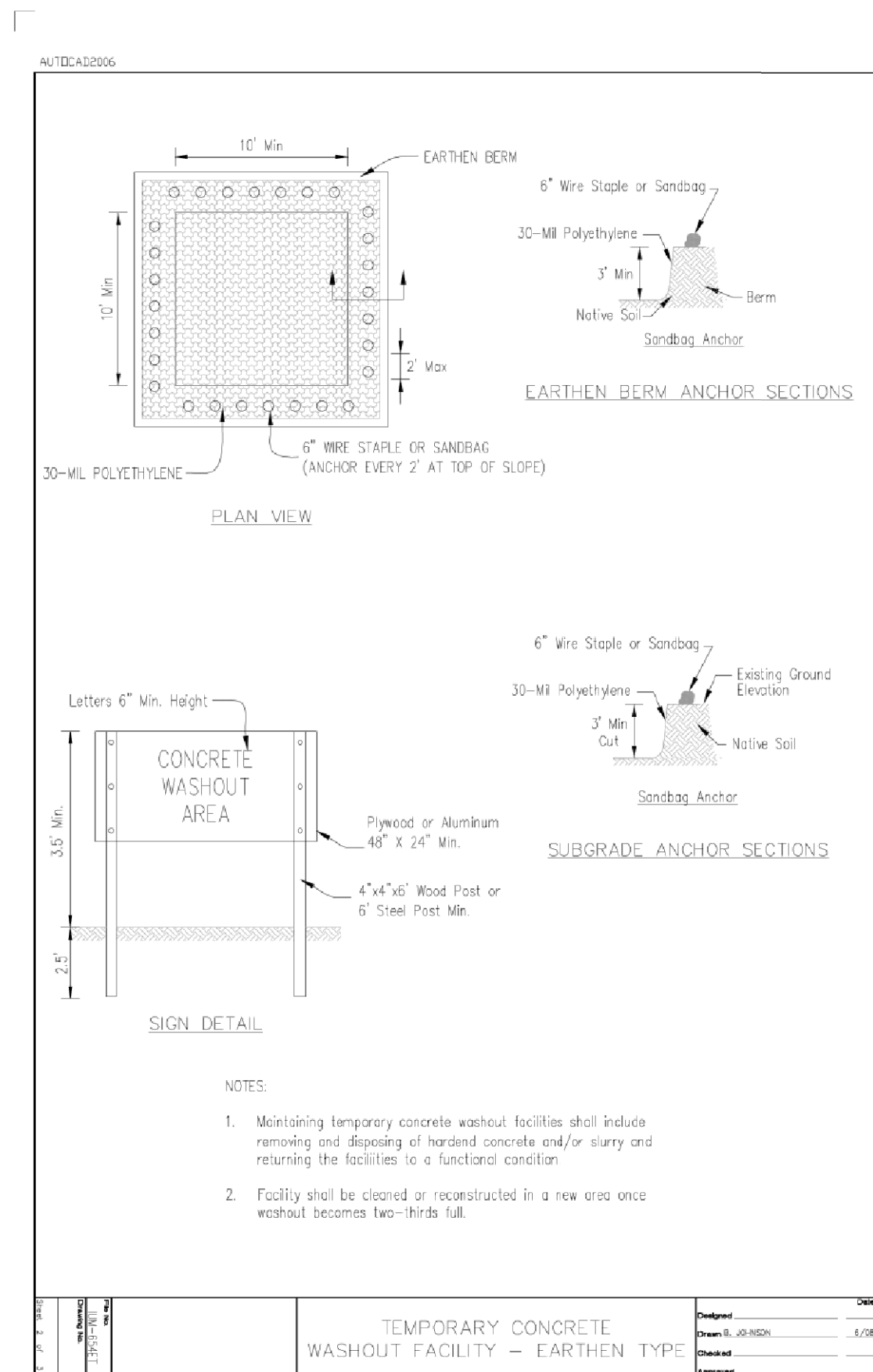


GENERAL NOTES:

1. USE DRAINAGE STRUCTURE INLET FILTER MANUFACTURED BY MARATHONMATERIALS, INC. OR APPROVED EQUAL.
2. FRAME: TOP FLANGE FABRICATED FROM 1.25 X 1.25 X 0.125 ANGLE. BASIC RIM FABRICATED FROM 1.5 X 0.5 X 0.125 CHANNEL. HANDLES AND SUSPENSION BRACKETS FABRICATED FROM 1.25 X 0.25 FLAT STOCK. ALL DOMESTIC STEEL CONFORMING TO ASTM - A36.
3. SEDIMENT BAG: BAG FABRICATED FROM 4 OZ./SQ. YD. NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. BAG SECURED TO BASIC RIM WITH A STAINLESS STEEL STRAP AND LOCK.

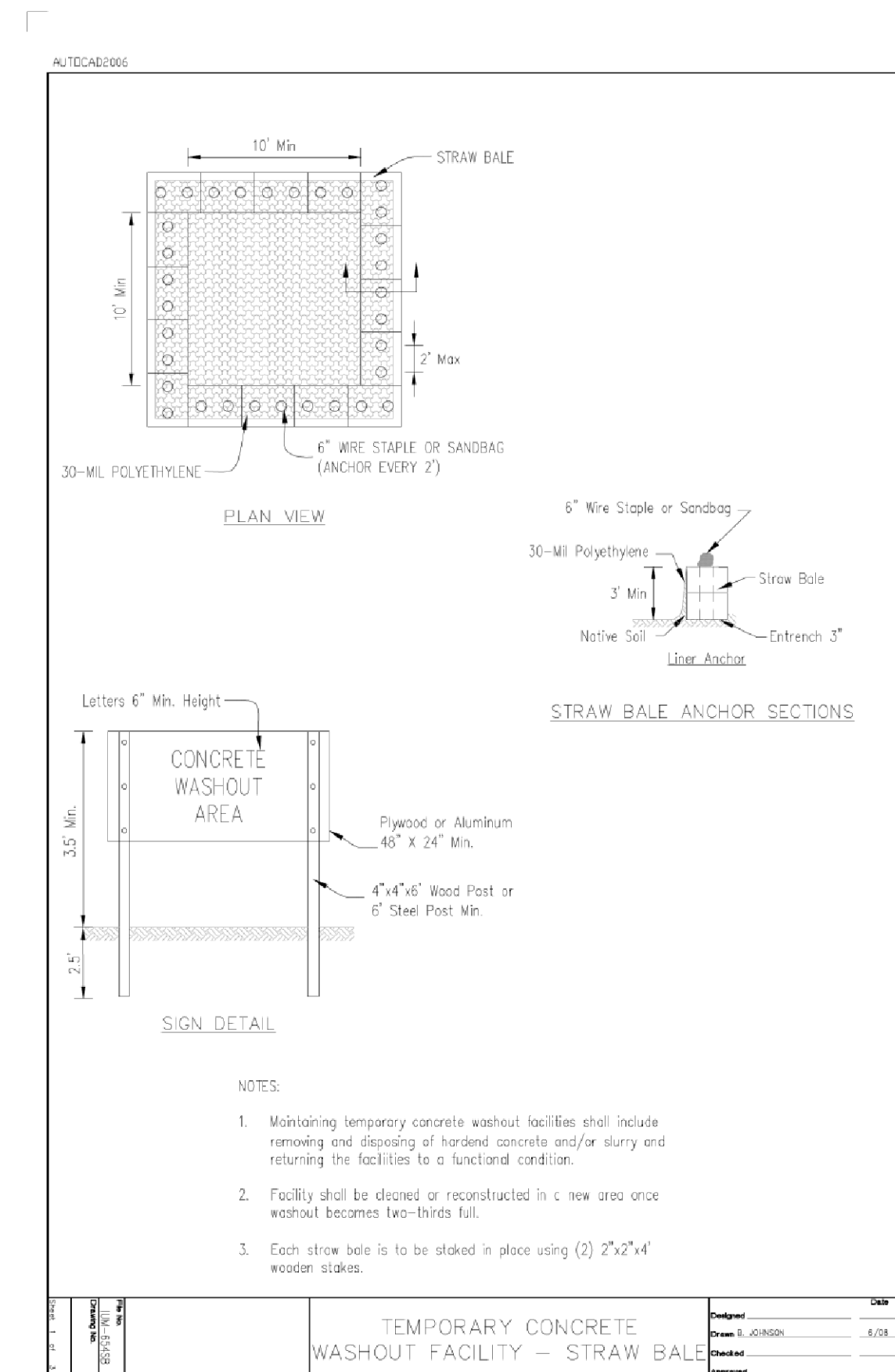
REV.	DATE	BY	DESCRIPTION
1	JUL 2004	RMS	REVISED
2	JAN 2003	VV	REVISED

DRAINAGE STRUCTURE PROTECTION	VILLAGE OF VILLA PARK, STORM - 17
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- NOTES:
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 2. Facility shall be closed or reconstructed in a new area once washout becomes two-thirds full.

PROJECT NO.	DATE	DESIGNED	CHECKED	APPROVED
_____	_____	_____	_____	_____



- NOTES:
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 2. Facility shall be closed or reconstructed in a new area once washout becomes two-thirds full.
 3. Each straw bale is to be staked in place using (2) 2"x2"x4" wooden stakes.

PROJECT NO.	DATE	DESIGNED	CHECKED	APPROVED
_____	_____	_____	_____	_____

SOIL EROSION CONTROL AND SEDIMENT CONTROL NOTES

1. SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
2. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. A COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN MUST BE MAINTAINED ON THE SITE AT ALL TIMES.
3. THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE VILLAGE, OR THEIR AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.
4. THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT ALL WATER (GROUND, STORM, AND CONSTRUCTION) DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREAS FREED OF WATER, BYPASS PUMPING, INCLUDING SILT BAGS AND AN ENERGY DISSIPATION SURFACE FOR THE PUMPS, SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SIZE THE PUMPS APPROPRIATELY.
6. DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE PLACED IN A STABILIZED SUMP PIT OR FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.
7. SEDIMENT CONTROL BMPs SHALL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE. THESE LOCATIONS SHALL BE DETERMINED IN THE FIELD, AS NEEDED. GRAVELED ROADS, RUMBLE STRIPS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAY MUST BE REMOVED IMMEDIATELY.
8. STOCK PILES OR SOIL MUST NOT BE LOCATED IN FLOOD PLAINS, RIPARIAN AREAS (VEGETATED FLOOD PLAINS), WETLANDS AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER SEDIMENT BARRIER MUST BE PROVIDED AT THE CONTRACTOR'S EXPENSE.
9. ALL PROPOSED AND EXISTING STORM SEWER INLET STRUCTURES (INCLUDING INLETS LOCATED WITHIN THE HAUL ROUTES) MUST BE PROTECTED WITH STORM SEWER INLET PROTECTION (I.E. INLET FILTERS) PER INLET PROTECTION DETAILS IN THE PLANS.
10. STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS FOLLOWS:
 - WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - ON AREAS WHERE CONSTRUCTION ACTIVITY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD CAN BE USED.
11. THE VILLAGE SHALL PROVIDE A QUALIFIED PERSON WHO WILL BE RESPONSIBLE FOR CONDUCTING SITE INSPECTIONS IN COMPLIANCE WITH THE ILR10 NPDES PERMIT. AFTER EACH INSPECTION, A REPORT SHOULD BE PREPARED BY THE PERSON WHO PERFORMED THE INSPECTION. THE INSPECTION REPORT SHOULD BE MAINTAINED ON SITE AS PART OF THE PLAN. INSPECTIONS SHOULD BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM, OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY, THAT IS 0.5 INCHES OR GREATER.

INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. INSPECTIONS MUST COMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.5" OR GREATER RAIN EVENT, OR DISCHARGE DUE TO SNOWMELT OCCURS.

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	DRAWN - CEC	REVISED -
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PLOT DATE = 2/20/2024	DATE - 02-20-24	REVISED -

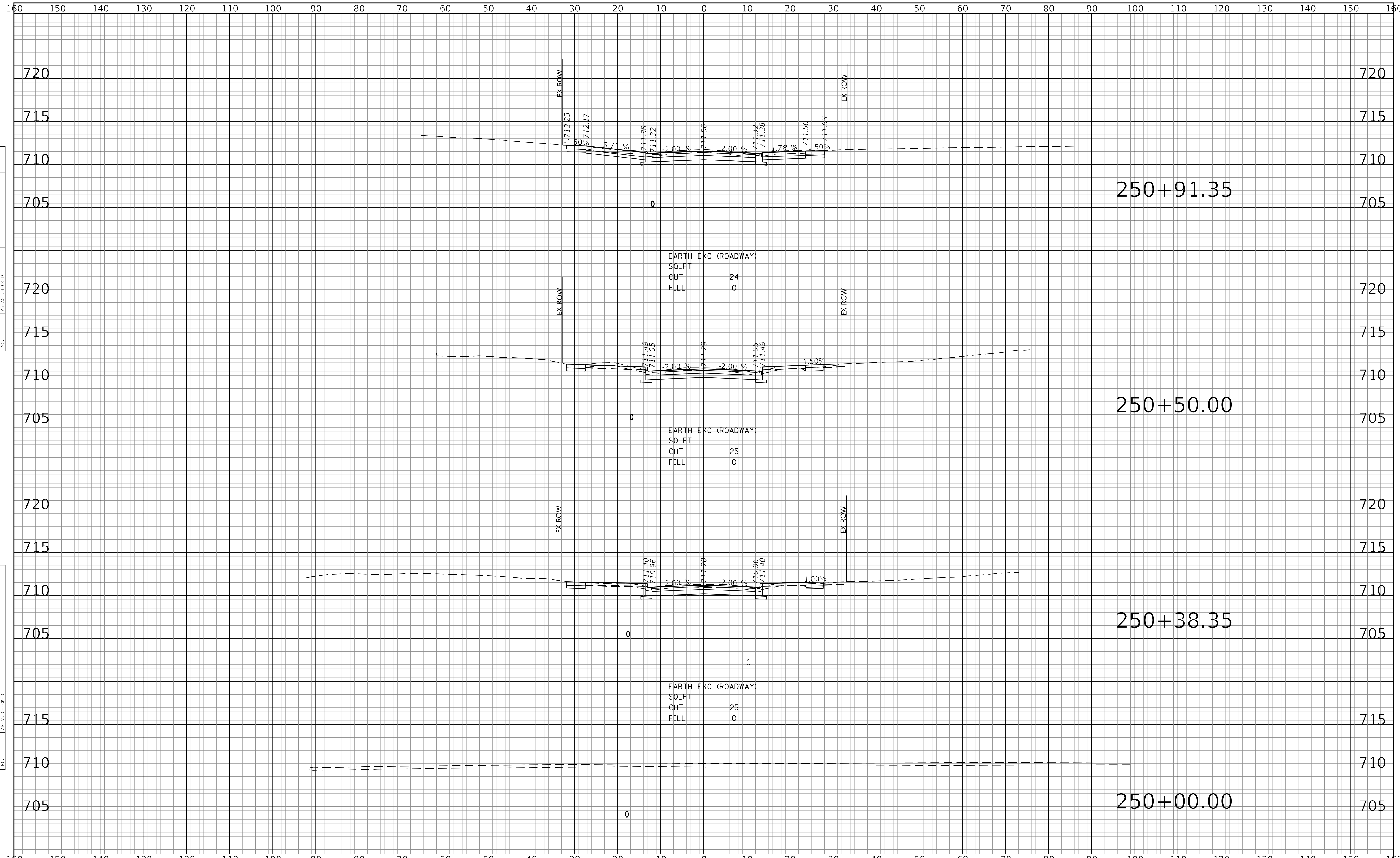


VILLAGE OF VILLA PARK
20 S. Ardmore Ave.
Villa Park, IL 60181-2696

**IOWA AND VERMONT IMPROVEMENT PROJECT
CONSTRUCTION DETAILS**

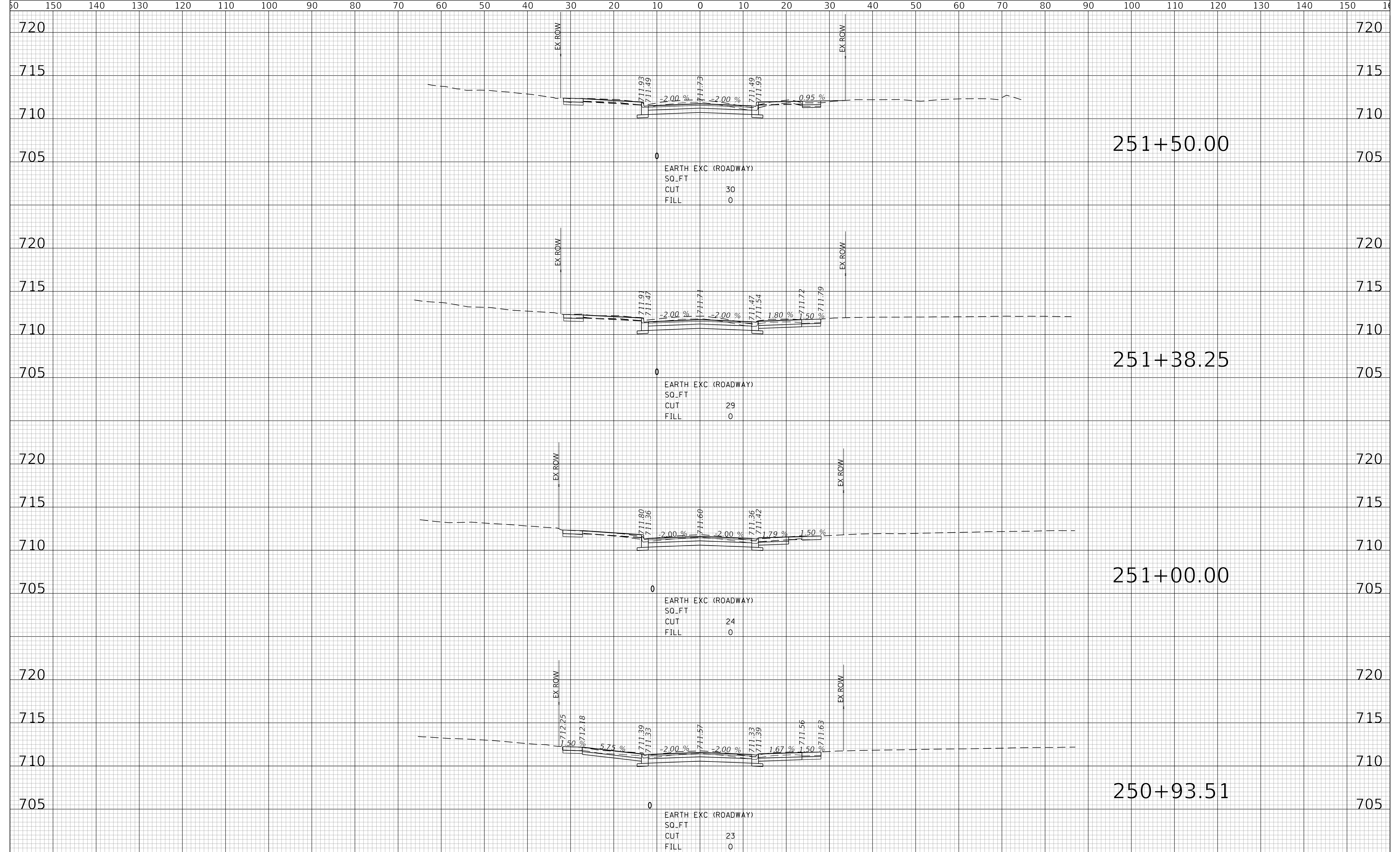
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	N/A	DUPAGE	25	15
CONTRACT NO. N/A				
ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



EARTH EXC (ROADWAY)
 SQ_FT
 CUT 30
 FILL 0

251+50.00

EARTH EXC (ROADWAY)
 SQ_FT
 CUT 29
 FILL 0

251+38.25

EARTH EXC (ROADWAY)
 SQ_FT
 CUT 24
 FILL 0

251+00.00

EARTH EXC (ROADWAY)
 SQ_FT
 CUT 23
 FILL 0

250+93.51

