

COUNTY	TOTAL SHEETS	SHEET NO.
DUPAGE	34	1

FOR INDEX OF SHEETS, SEE SHEET NO. 2

VILLAGE OF VILLA PARK, ILLINOIS

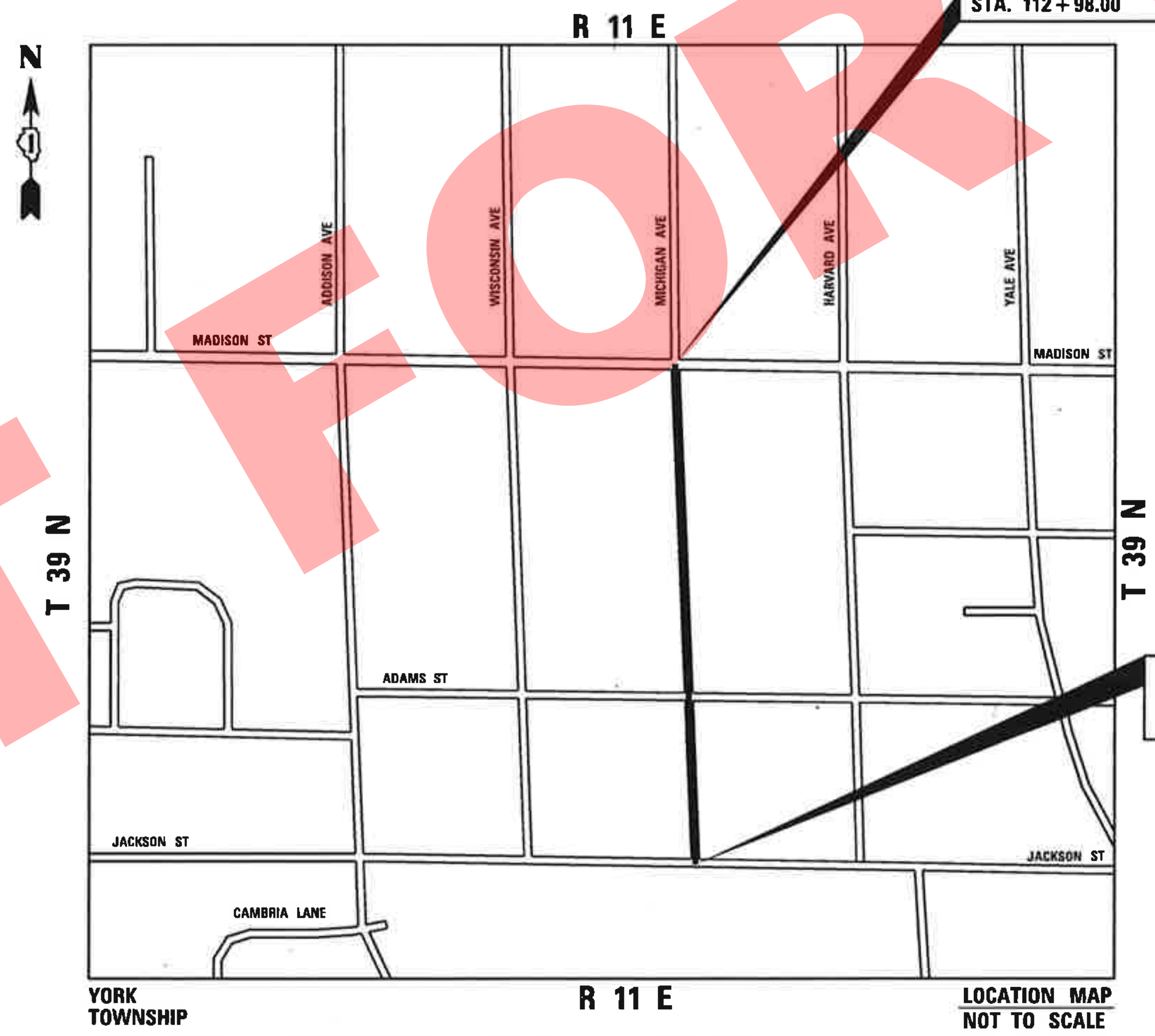
2018 SOUTH MICHIGAN AVENUE IMPROVEMENT PROJECT

WEST JACKSON STREET TO WEST MADISON STREET

DuPAGE COUNTY

MICHIGAN AVENUE
IMPROVEMENT ENDS
STA. 112 + 98.00

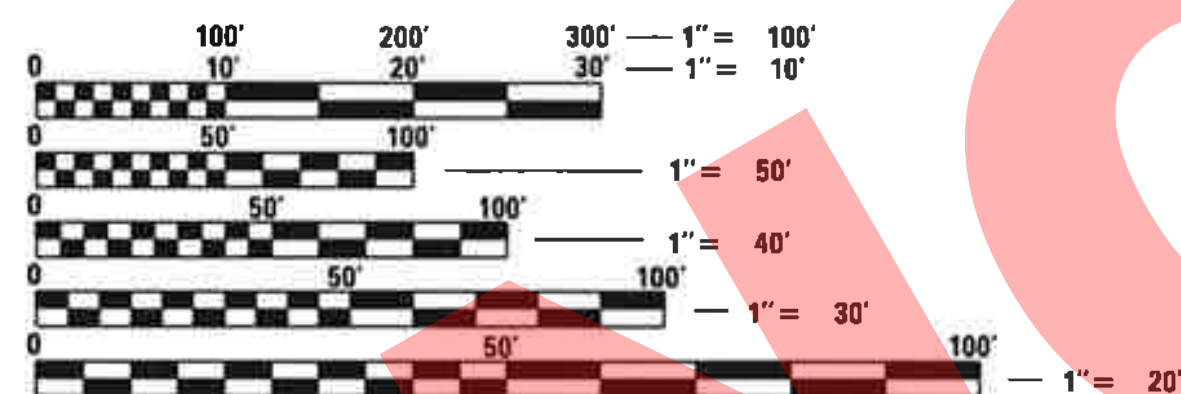
MICHIGAN AVENUE
IMPROVEMENT BEGINS
STA. 99 + 62.00



YORK TOWNSHIP R 11 E LOCATION MAP NOT TO SCALE
GROSS LENGTH OF IMPROVEMENTS = 1,336.00 FT. = 0.2530 MILE

DESIGN DESIGNATION

ADT = < 1000 (2012)
POSTED SPEED = 25 MPH
ROADWAY CLASSIFICATION = LOCAL



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



CHRISTOPHER W. HANCHETT, P.E.
#062-063179
EXP. DATE: 11/30/2017
SHEETS: 11-20



MICHAEL J. REHTORIK, P.E.
#062-058827
EXP. DATE: 11/30/2017
SHEETS: 1-10, 21-34

VILLAGE OF VILLA PARK, ILLINOIS
APPROVED *Dydas Jusheles*
09/22/2017
DIRECTOR OF PUBLIC WORKS

GENERAL NOTES

1. 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".
2. 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.
3. THE CONTRACTOR SHALL NOTIFY PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
4. 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.
5. 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 48 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.
6. PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES DRIVEWAYS (SHALL BE PAID FOR AS PCC SIDEWALK 5 INCH). 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.
7. A 1/2 INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF CONCRETE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF CONCRETE DRIVEWAY APRON AND THE SIDEWALK. THIS WORK WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT.
8. ANY ANTI-STRIPPING ADDITIVE REQUIRED SHALL BE INCLUDED IN THE COST OF THE SURFACE COURSE.
9. ALL FRAME AND LID CASTINGS LOCATED WITHIN THE PAVEMENT WHICH REQUIRE RESETTING TO FINISH GRADE SHALL BE BACKFILLED WITH CLASS SJ CONCRETE AND ALLOWED TO CURE FOR 72 HOURS PRIOR TO PLACEMENT OF SURFACE COURSE. CLASS PP CONCRETE SHALL BE USED IF PLACEMENT OF SURFACE COURSE IS PLANNED IN LESS THAN 72 HOURS. HMA MATERIALS WILL NOT BE ALLOWED AS BACKFILL AROUND AN ADJUSTED CASTING. THIS WORK SHALL APPLY TO ALL CASTINGS ADJUSTED, RECONSTRUCTED OR NEWLY INSTALLED AS PART OF THIS CONTRACT, WHETHER PAID FOR SEPARATELY OR INCLUDED IN OTHER CONTRACT WORK.
10. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
11. 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.
12. THE COST OF MAKING ANY SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER PIPE 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 NEW SEWER OR STRUCTURE.
13. 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.
14. ALL TEMPORARY STORM SEWER PLUGS AND TEMPORARY STORM SEWER CONNECTIONS REQUIRED FOR CONSTRUCTION STAGING SHALL BE INCLUDED IN THE COST OF THE STORM SEWER.
15. 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.
16. RECYCLED MATERIAL AGGREGATE MAY BE USED UNDER SIDEWALK AND CURB & GUTTER AT THE APPROVAL OF THE ENGINEER. AGGREGATE AT ALL OTHER LOCATIONS TO BE CRUSHED MATERIAL.
17. 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.
18. ALL SIGNS THAT HAVE TO BE TEMPORARILY REMOVED AS PART OF THE CONSTRUCTION PROCESS OR RELOCATED DUE TO INSUFFICIENT OFFSET TO PROPOSED CURB ARE TO BE REINSTALLED AT THE SAME STATION.

INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF DRAWINGS AND GENERAL NOTES
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10	INTERSECTION ADA DETAILS
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24 - 27	CONSTRUCTION DETAILS
28 - 34	CROSS SECTIONS

HIGHWAY STANDARDS

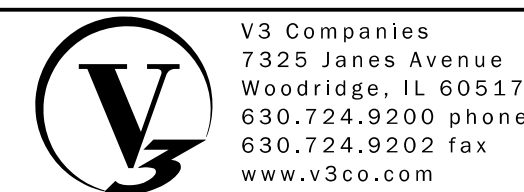
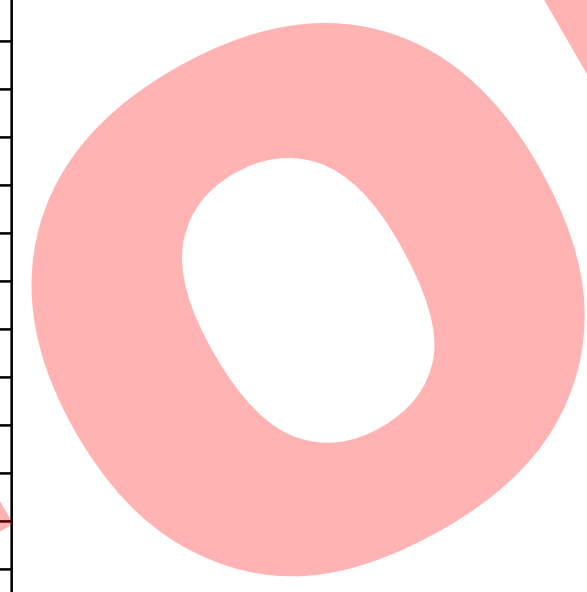
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-09	PERPENDICULAR CURB RAMPS AND SIDEWALKS
604001-04	FRAME AND LIDS TYPE 1
604051-04	FRAME AND GRATE TYPE 11
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-06	TRAFFIC CONTROL DEVICES

NOT FOR BID

	V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = sjandick PLOT SCALE = 1:8000' / in. PLOT DATE = 9/22/2017	DESIGNED - SJJ DRAWN - DRP CHECKED - MJR DATE - 09-22-2017	REVISED - REVISED - REVISED - REVISED -	2018 SOUTH MICHIGAN AVENUE IMPROVEMENT PROJECT (JACKSON TO MADISON) VILLAGE OF VILLA PARK, ILLINOIS	INDEX OF DRAWINGS AND GENERAL NOTES	F.A. RTE. SECTION COUNTY DUPAGE CONTRACT NO.	TOTAL SHEETS 34	SHEET NO. 2	SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT

SP	ITEM NO.	IDOT REF. NO.	ITEM	UNIT	ALT 1	ALT 2
	1	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	129	129
	2	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	176	176
	3	20101000	TEMPORARY FENCE	FOOT	1,080	1,080
•	4	20101200	TREE ROOT PRUNING	EACH	18	18
	5	20200100	EARTH EXCAVATION	CU YD	432	432
	6	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	175	175
	7	20700220	POROUS GRANULAR EMBANKMENT	CU YD	120	120
	8	20800150	TRENCH BACKFILL	CU YD	6,580	5,307
	9	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	3,938	3,938
•	10		PARKWAY RESTORATION	SO YD	2,322	2,322
	11	25200200	SUPPLEMENTAL WATERING	UNIT	96	96
	12	28000400	PERIMETER EROSION BARRIER	FOOT	200	200
•	13	28000510	INLET FILTERS	EACH	28	28
•	14	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	175	175
	15	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	4,711	4,711
•	16		TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	1
•	17		TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	35	35
•	18		TEMPORARY ACCESS (ROAD)	EACH	5	5
•	19	40300200	BITUMINOUS MATERIALS (TACK COAT)	POUNDS	10,632	10,632
	20	40603080	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50	TON	883	883
	21	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	442	442
	22	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	31	31
•	23	Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SO YD	287	287
•	24	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SO YD	328	328
•	25	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	SO YD	88	88
•	26	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5"	SO FT	7,605	7,605
•	27	42400800	DETECTABLE WARNINGS	SO FT	180	180
•	28	44000100	PAVEMENT REMOVAL	SO YD	3,970	3,970
	29	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH	SO YD	7	7
•	30	44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	691	691
	31	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,817	2,817
	32	44000600	SIDEWALK REMOVAL	SO FT	7,347	7,347
	33	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	61	40
•	34	550A0790	STORM SEWERS, CLASS A, TYPE 3 54"	FOOT	0	1,316
•	35	550A0820	STORM SEWERS, CLASS A, TYPE 3 72"	FOOT	1,316	0
	36	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	286	286
	37	55100200	STORM SEWER REMOVAL 6"	FOOT	159	159
	38	55100300	STORM SEWER REMOVAL 8"	FOOT	132	132

SP	ITEM NO.	IDOT REF. NO.	ITEM	UNIT	ALT 1	ALT 2
	39	55100500	STORM SEWER REMOVAL 12"	FOOT	231	231
	40	55100700	STORM SEWER REMOVAL 15"	FOOT	21	21
	41	55100900	STORM SEWER REMOVAL 18"	FOOT	65	65
	42	55101200	STORM SEWER REMOVAL 24"	FOOT	26	26
•	43	56104900	WATER VALVES 6"	EACH	1	1
•	44		WATER SERVICE CONNECTION, 1"	EACH	2	2
•	45	60100905	PIPE DRAINS 4"	FOOT	16	16
•	46	60100905	PIPE DRAINS 6"	FOOT	100	100
	47	60200105	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	7	7
	48	60218400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
•	49		PRECAST 4' DIA "T" MANHOLES FOR 72" PIPE STORM SEWER, TYPE 1 FRAME AND GRATE, CLOSED LID	EACH	2	0
•	50		PRECAST 4' DIA "T" MANHOLES FOR 54" PIPE STORM SEWER, TYPE 1 FRAME AND GRATE, CLOSED LID	EACH	0	2
•	51		PRECAST 4' DIA "T" MANHOLES FOR 72" PIPE STORM SEWER, TYPE 1 FRAME AND GRATE, OPEN LID	EACH	1	0
•	52		PRECAST 4' DIA "T" MANHOLES FOR 54" PIPE STORM SEWER, TYPE 1 FRAME AND GRATE, OPEN LID	EACH	0	1
•	53		PRECAST 4' DIA "T" MANHOLES FOR 72" PIPE STORM SEWER, TYPE 11 FRAME AND GRATE	EACH	5	0
•	54		PRECAST 4' DIA "T" MANHOLES FOR 54" PIPE STORM SEWER, TYPE 11 FRAME AND GRATE	EACH	0	5
	55	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	6	6
•	56	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
	57	60255500	MANHOLES TO BE ADJUSTED	EACH	7	7
	58	60255800	MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1
	59	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	4	4
	60	60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2
	61	60260100	INLETS TO BE ADJUSTED	EACH	1	1
	62	60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1
	63	60500040	REMOVING MANHOLES	EACH	11	11
•	64		SANITARY SERVICE PIPE REPLACEMENT	FOOT	100	100
•	65		SANITARY SERVICE CONNECTION	EACH	3	3
•	66		SANITARY SEWER SERVICE COMBINATION CLEANOUT CHECK VALVE	EACH	3	3
•	67	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,817	2,817
	68	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	162	162
	69	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	88	88
	70	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	60	60
•	71	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	200	200
•	72	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1
•	73	XX003668	PRECONSTRUCTION VIDEO RECORDING	L SUM	1	1
	74	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
•	75		WATER USAGE CREDIT	TGAL	100	100
•	76		WATER USAGE DEDUCTION	TGAL	100	100
•	77		CONTINGENCY ALLOWANCE	DOLLAR	30,000	30,000



V3 Companies
7325 Janes Avenue
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www.v3co.com

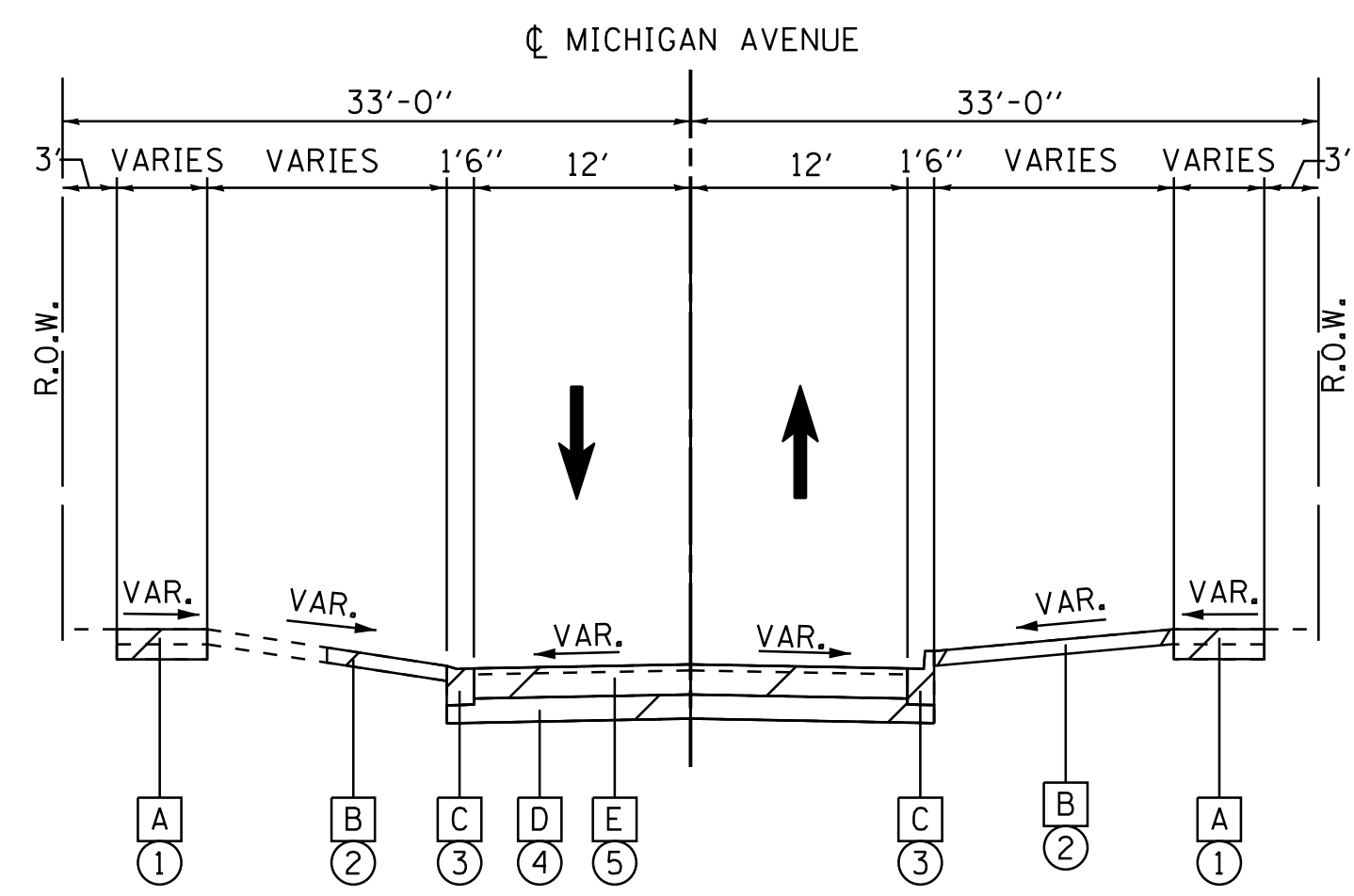
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DESIGNED - SJJ
DRAWN - DRP
PLOT SCALE = 1:8000' / 1" = 1'
CHECKED - MJR
DATE - 09-22-2017

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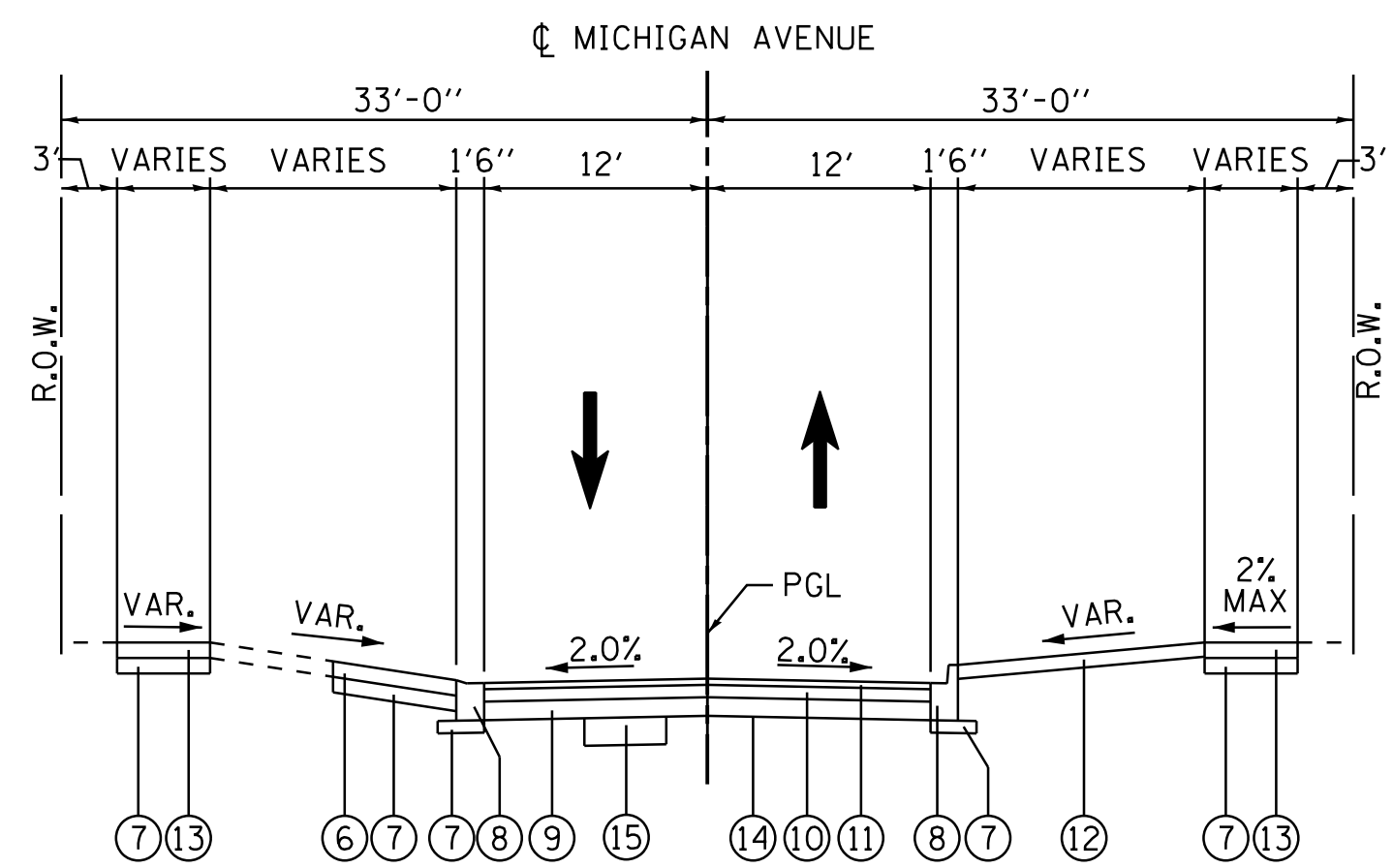
**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

SUMMARY OF QUANTITIES
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	3
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
STA. 99+62 TO STA. 112+98



PROPOSED TYPICAL SECTION
STA. 99+62 TO STA. 112+98

EXISTING LEGEND

- [A] PCC SIDEWALK
- [B] PCC OR HMA DRIVEWAY
- [C] COMBINATION CONCRETE CURB AND GUTTER
- [D] AGGREGATE BASE COURSE
- [E] PAVEMENT 7.5" PCC, 1.5" HMA (TYPICAL)

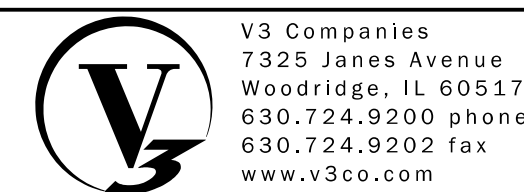
PROPOSED LEGEND

- ① SIDEWALK REMOVAL (AS DETERMINED BY ENGINEER)
- ② DRIVEWAY PAVEMENT REMOVAL (AS DETERMINED BY ENGINEER)
- ③ CONCRETE CURB AND GUTTER REMOVAL
- ④ EARTH EXCAVATION
- ⑤ PAVEMENT REMOVAL
- ⑥ DRIVEWAY PAVEMENT (SEE PLANS FOR TYPE)
- ⑦ AGGREGATE BASE COURSE, TYPE B (COST TO BE INCLUDED IN THE PAVEMENT, CURB, OR SIDEWALK ABOVE IT)
- ⑧ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑨ AGGREGATE BASE COURSE, TYPE B, 6"
- ⑩ HMA BINDER COURSE, IL-19.0 N50 - 4"
- ⑪ HMA SURFACE COURSE, MIX "D", N50 - 2"
- ⑫ PARKWAY RESTORATION - TOPSOIL 4" AND VARIES
- ⑬ PCC SIDEWALK, 5" AT LOCATIONS DETERMINED BY THE ENGINEER
- ⑭ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (FROM BACK OF CURB TO BACK OF CURB)
- ⑮ AGGREGATE SUBGRADE IMPROVEMENTS AT LOCATIONS DETERMINED BY THE ENGINEER

1. UNIT WEIGHT USED TO CALCULATE MOST HOT-MIX ASPHALT MIXTURES IS 112 LBS/SO YD/IN.
2. 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.

HOT-MIX ASPHALT REQUIREMENTS	
MICHIGAN AVENUE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm) 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (IL 9.5mm) 4"	4% @ 50 GYR.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm) 4"	4% @ 50 GYR.

NOT FOR BIDDING

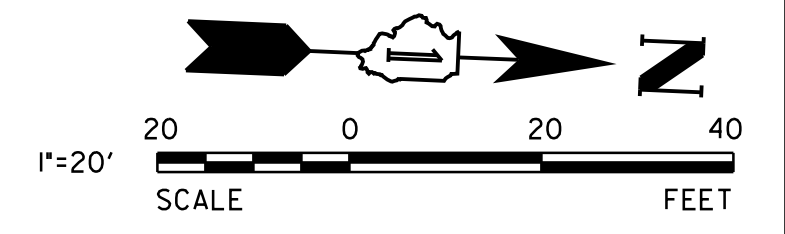


USER NAME = sjendick	DESIGNED - SJJ	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - DRP	REVISED -
PLOT DATE = 9/22/2017	CHECKED - MJR	REVISED -
	DATE - 09-22-2017	REVISED -

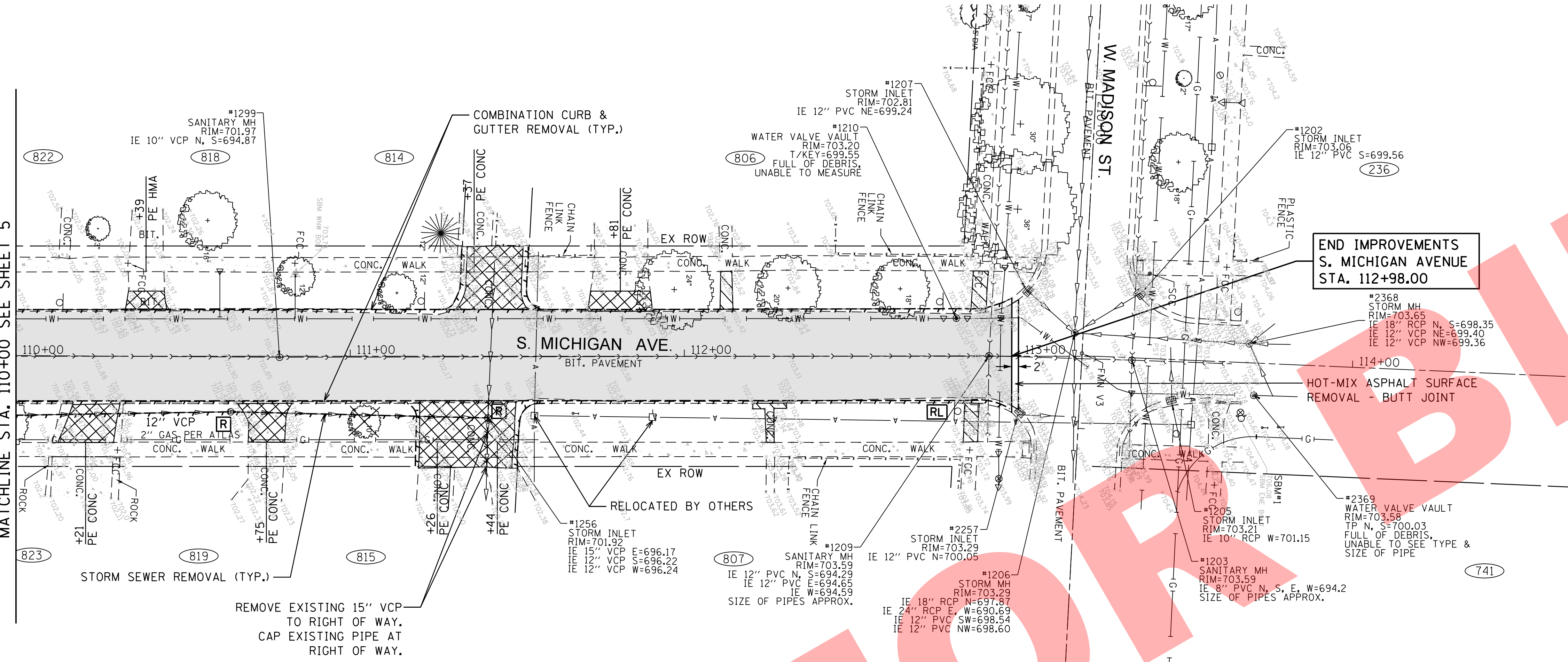
**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

TYPICAL SECTIONS	
SCALE: NTS	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	4
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 110+00 SEE SHEET 5



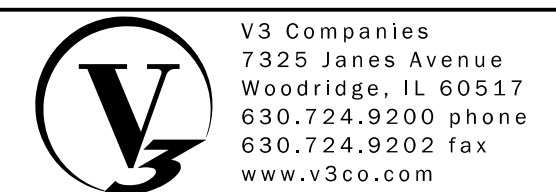
LEGEND:

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	ITEM REMOVAL
	ITEM RELOCATE
	LINEAR ITEM REMOVAL

**END IMPROVEMENTS
S. MICHIGAN AVENUE
STA. 112+98.00**

**HOT-MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT**

NOT FOR BIDD



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REVISED -

**2018 SOUTH MICHIGAN AVENUE
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VILLAGE OF VILLA PARK, ILLINOIS**

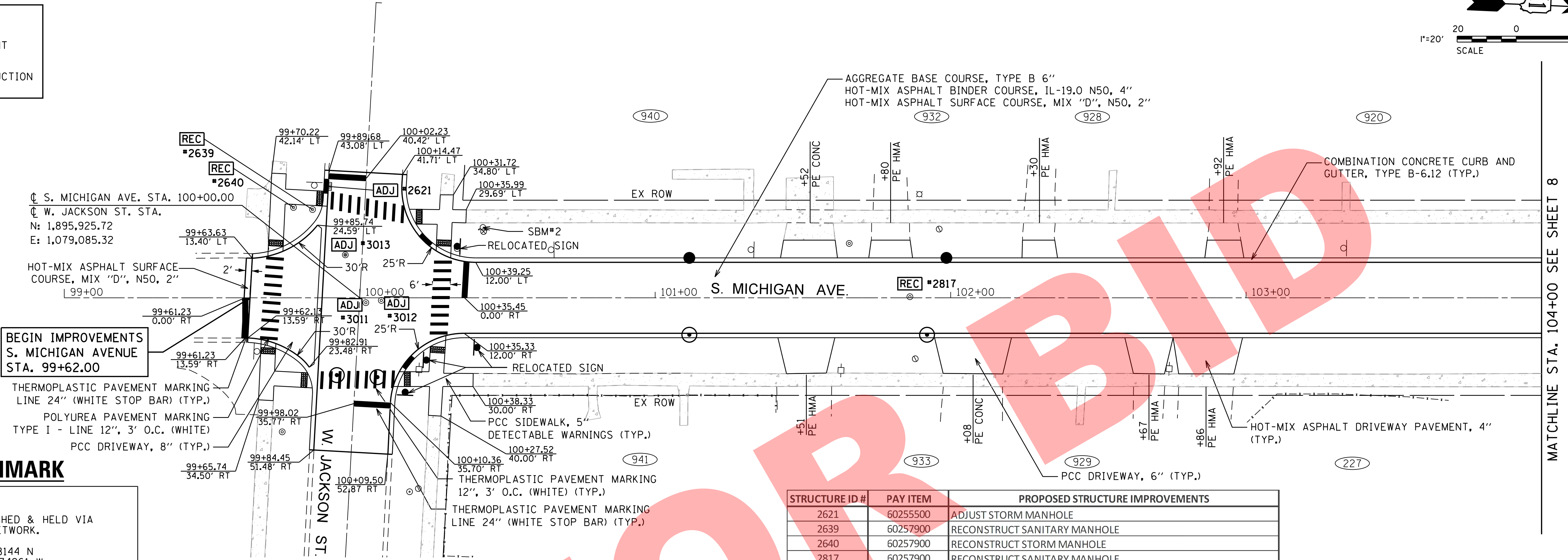
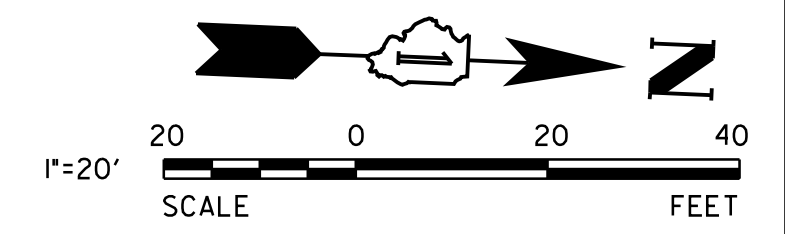
EXISTING CONDITIONS AND REMOVAL PLAN

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 110+00.00 TO STA. 114+66.09

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	6
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

LEGEND:

[ADJ]	STRUCTURE ADJUSTMENT
[REC]	STRUCTURE RECONSTRUCTION



**BEGIN IMPROVEMENTS
S. MICHIGAN AVENUE
STA. 99+62.00**

- THERMOPLASTIC PAVEMENT MARKING LINE 24" (WHITE STOP BAR) (TYP.)
- POLYUREA PAVEMENT MARKING TYPE I - LINE 12", 3' O.C. (WHITE)
- PCC DRIVEWAY, 8" (TYP.)

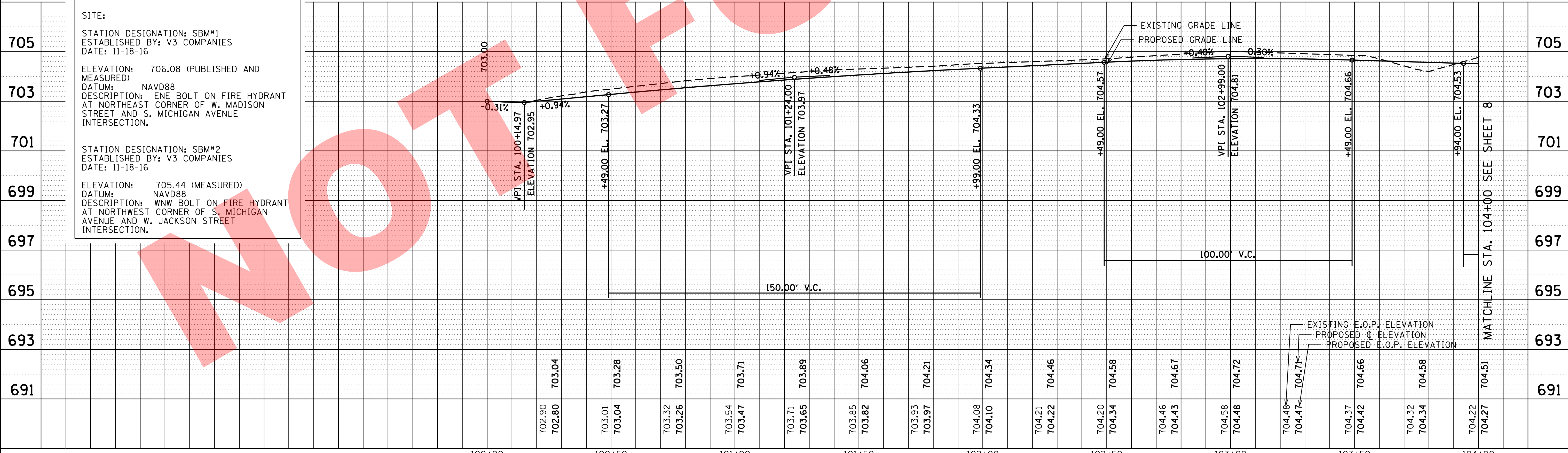
BENCHMARK

SOURCE:
BENCHMARKS ESTABLISHED & HELD VIA TRIMBLE VRS HARN NETWORK. PROJECT ORIGIN AT: LATITUDE: 41-52-18.08144 N LONGITUDE: 87-59-06.34961 W ELLIPSOID HEIGHT: 610.674 GROUND SCALE FACTOR 1.0000438605 VERTICAL DATUM IS NAVD88 .

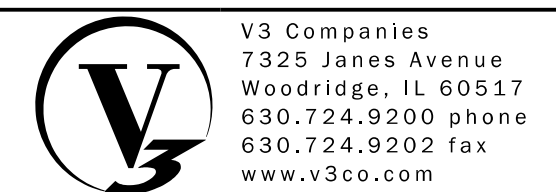
SITE:
STATION DESIGNATION: SBM*1 ESTABLISHED BY: V3 COMPANIES DATE: 11-18-16
ELEVATION: 706.08 (PUBLISHED AND MEASURED)
DATUM: NAVD88
DESCRIPTION: ENE BOLT ON FIRE HYDRANT AT NORTHEAST CORNER OF W. MADISON STREET AND S. MICHIGAN AVENUE INTERSECTION.

STATION DESIGNATION: SBM*2 ESTABLISHED BY: V3 COMPANIES DATE: 11-18-16
ELEVATION: 705.44 (MEASURED)
DATUM: NAVD88
DESCRIPTION: WNW BOLT ON FIRE HYDRANT AT NORTHWEST CORNER OF S. MICHIGAN AVENUE AND W. JACKSON STREET INTERSECTION.

STRUCTURE ID #	PAY ITEM	PROPOSED STRUCTURE IMPROVEMENTS
2621	60255500	ADJUST STORM MANHOLE
2639	60257900	RECONSTRUCT SANITARY MANHOLE
2640	60257900	RECONSTRUCT STORM MANHOLE
2817	60257900	RECONSTRUCT SANITARY MANHOLE
3011	60255500	ADJUST SANITARY MANHOLE
3012	60255500	ADJUST STORM MANHOLE
3013	60255500	ADJUST WATER VALVE VAULT



705	703	701	699	697	695	693	691																												
702.90	702.80	703.01	703.04	703.32	703.26	703.54	703.47	703.71	703.71	703.65	703.89	703.85	703.82	703.93	703.97	704.08	704.10	704.21	704.22	704.20	704.34	704.46	704.43	704.58	704.48	704.48	704.47	704.37	704.42	704.32	704.34	704.22	704.27		
100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00																											



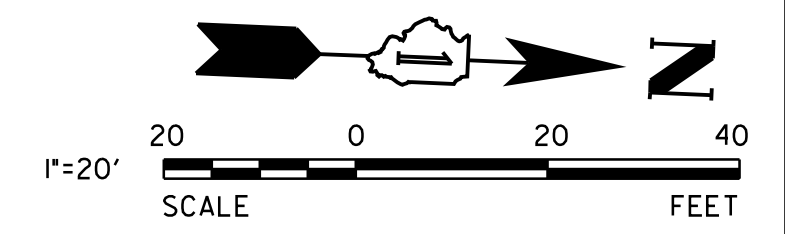
USER NAME = sjandick
DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

ROADWAY PLAN AND PROFILE

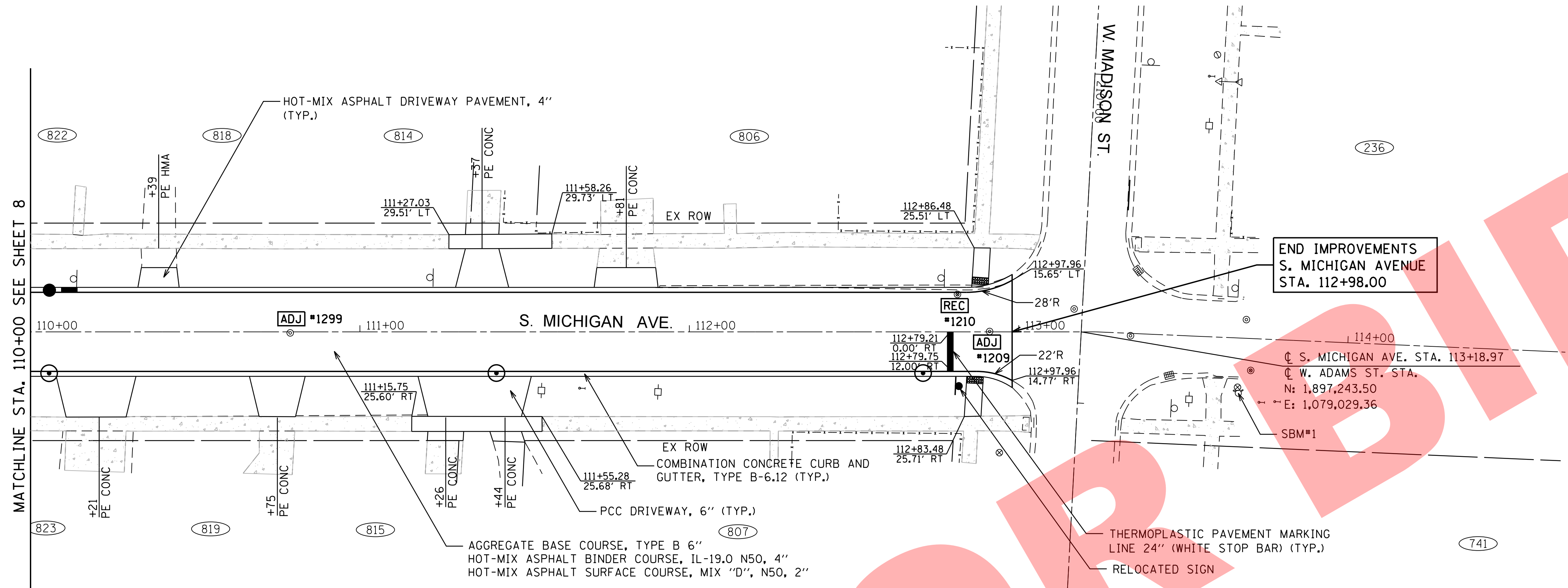
SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 100+00.00 TO STA. 104+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	7
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

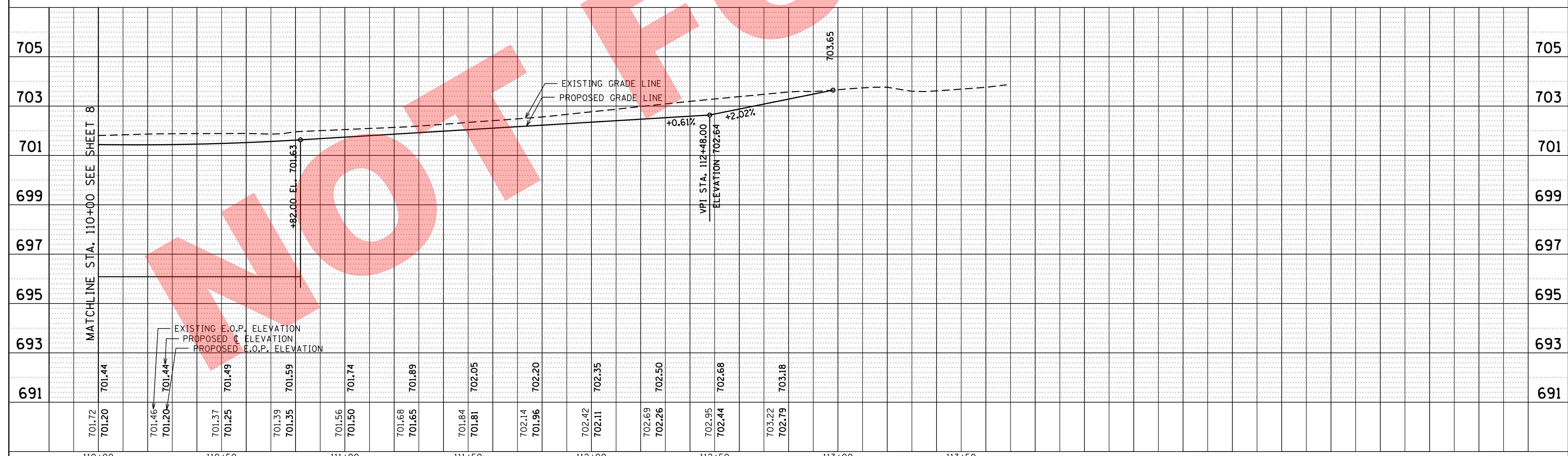


LEGEND:

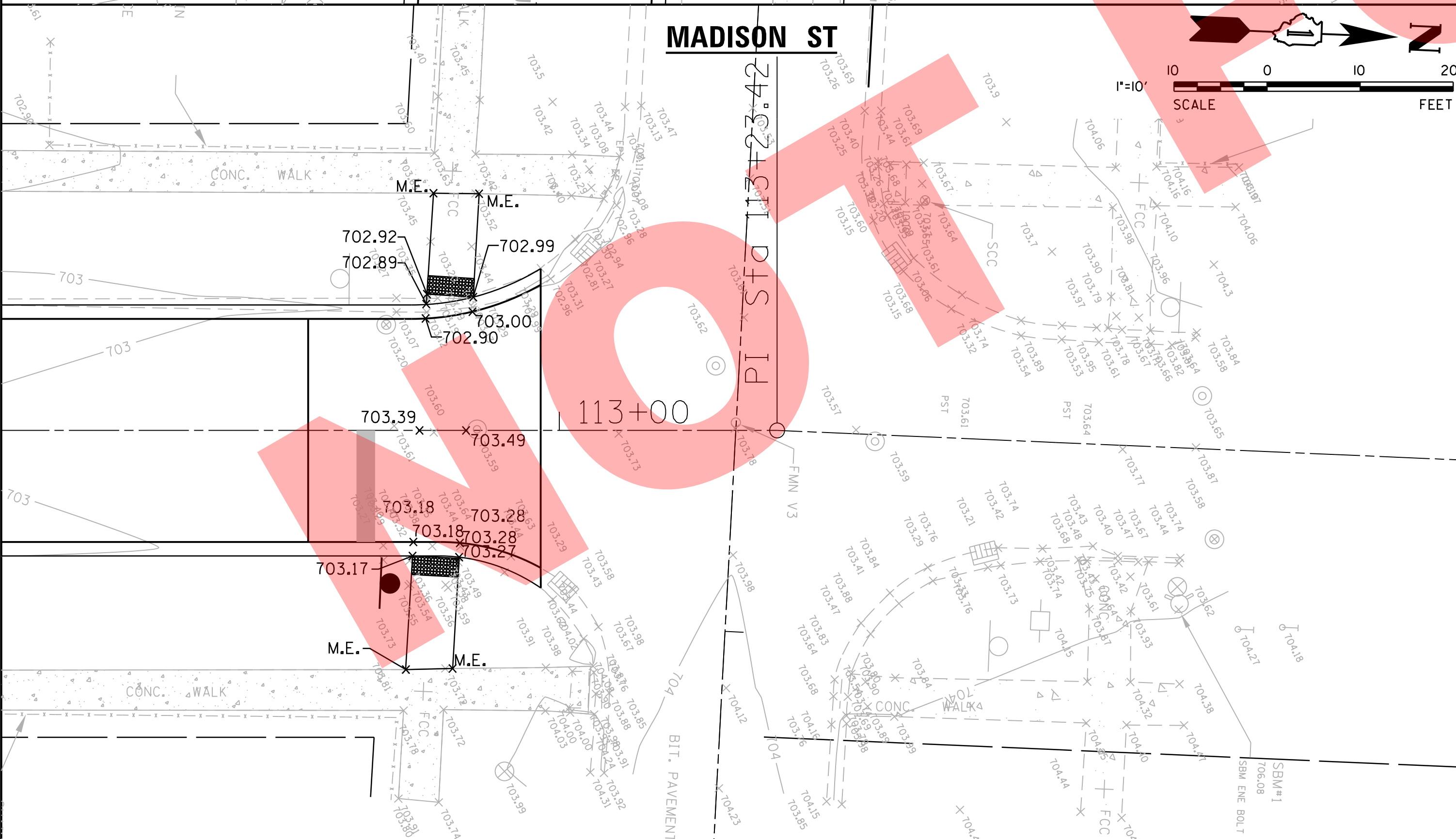
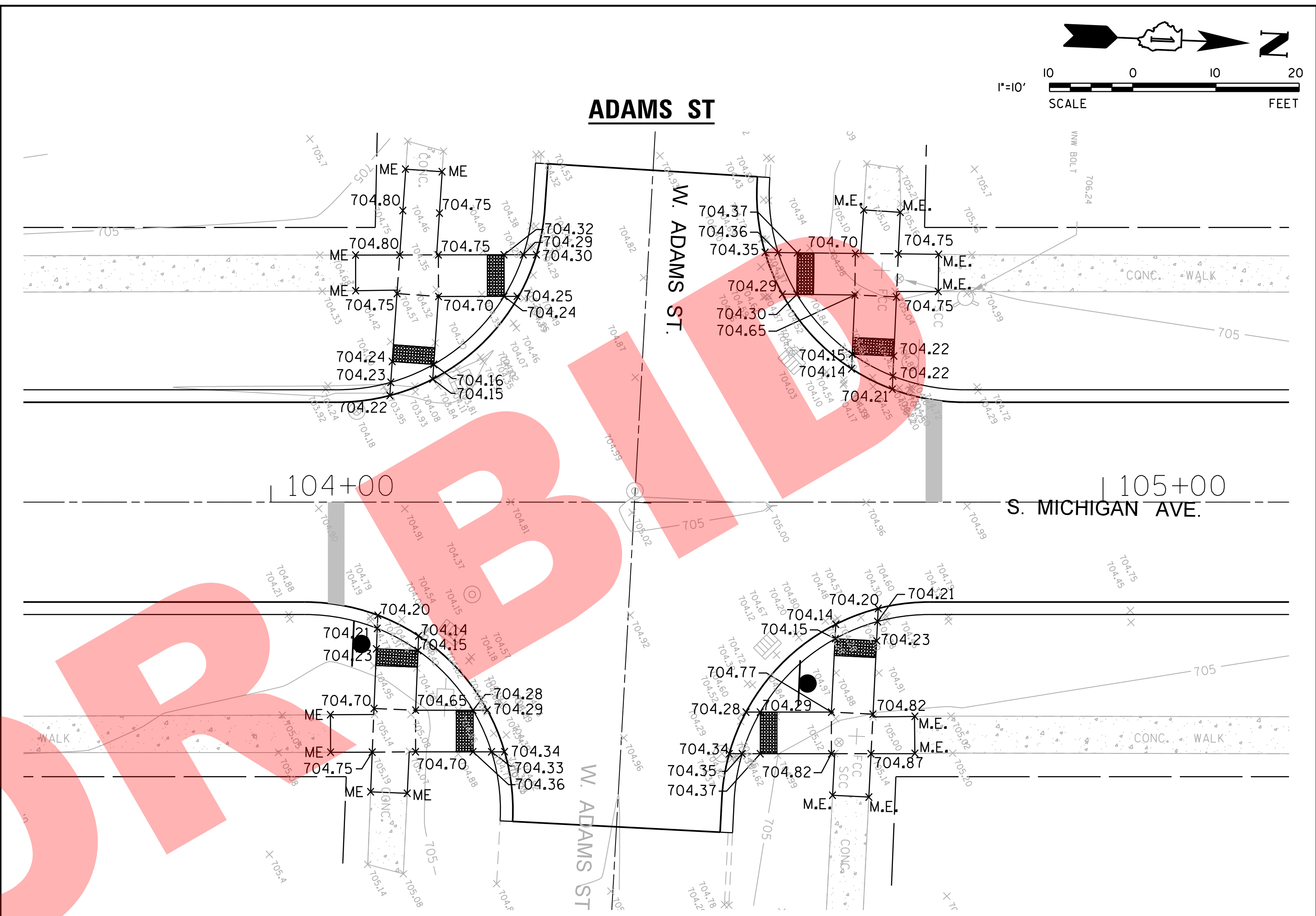
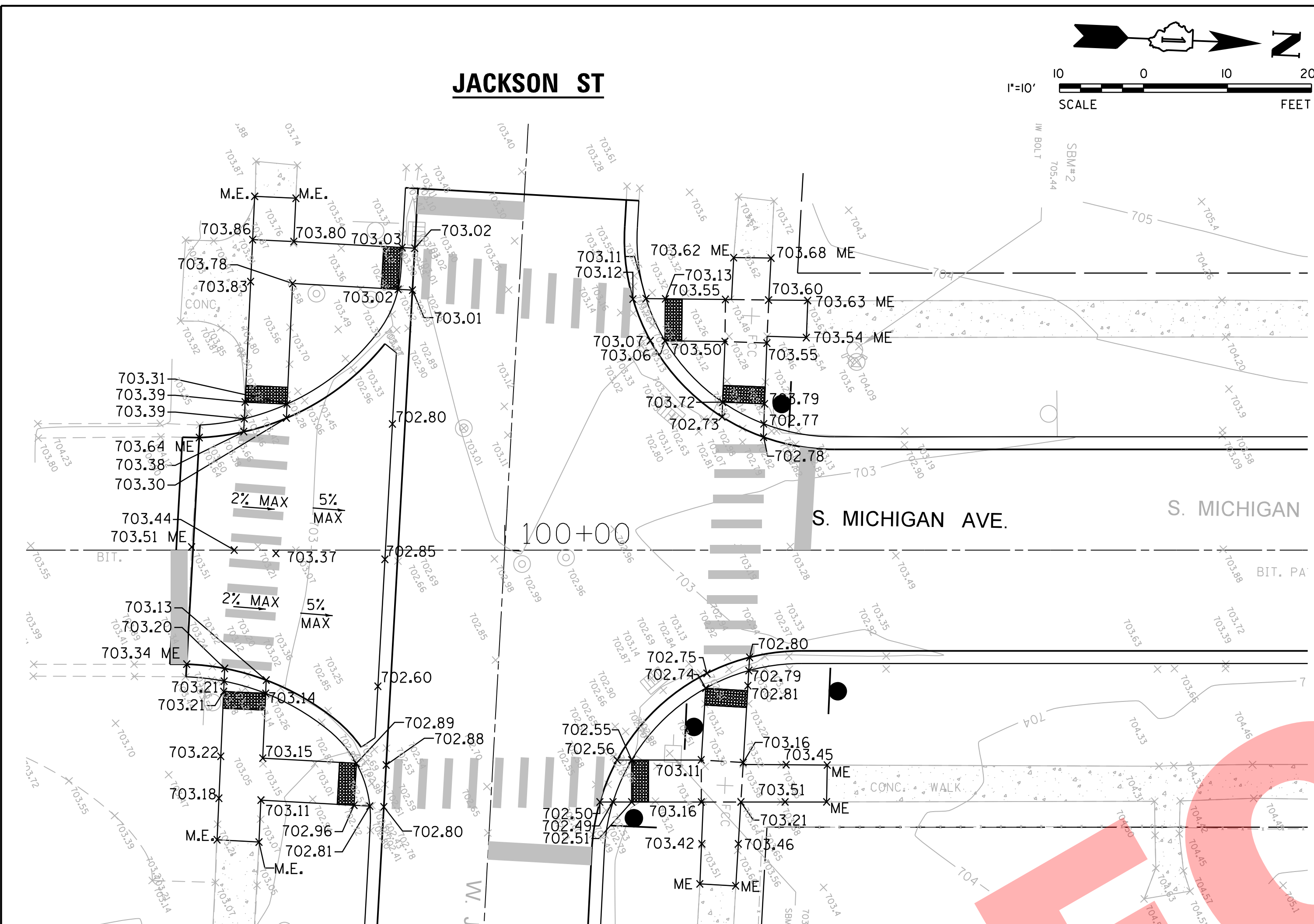
ADJ	STRUCTURE ADJUSTMENT
REC	STRUCTURE RECONSTRUCTION



STRUCTURE ID #	PAY ITEM	PROPOSED STRUCTURE IMPROVEMENTS
1209	60255500	ADJUST SANITARY MANHOLE
1210	60258200	RECONSTRUCT WATER VALVE VAULT WITH NEW FRAME AND GRATE
1299	60255500	ADJUST SANITARY MANHOLE



	V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = sjandick DESIGNED - SJJ DRAWN - DRP CHECKED - MJR DATE - 09-22-2017	REVISED - REVISED - REVISED - REVISED -	2018 SOUTH MICHIGAN AVENUE IMPROVEMENT PROJECT (JACKSON TO MADISON) VILLAGE OF VILLA PARK, ILLINOIS	ROADWAY PLAN AND PROFILE SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 110+00.00 TO STA. 114+66.09	F.A. RTÉ. SECTION COUNTY DUPAGE CONTRACT NO.	TOTAL SHEETS 34 SHEET NO. 9	ILLINOIS FED. AID PROJECT
	MATCHLINE STA. 110+00 SEE SHEET 8							
	MATCHLINE STA. 110+00 SEE SHEET 8							



V3
 V3 Companies
 7325 Janes Avenue
 Woodridge, IL 60517
 630.724.9200 phone
 630.724.9202 fax
 www.v3co.com

USER NAME = sjandick	DESIGNED - SJJ	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - DRP	REVISED -
PLOT DATE = 9/22/2017	CHECKED - MJR	REVISED -
	DATE - 09-22-2017	REVISED -

2018 SOUTH MICHIGAN AVENUE IMPROVEMENT PROJECT (JACKSON TO MADISON) VILLAGE OF VILLA PARK, ILLINOIS

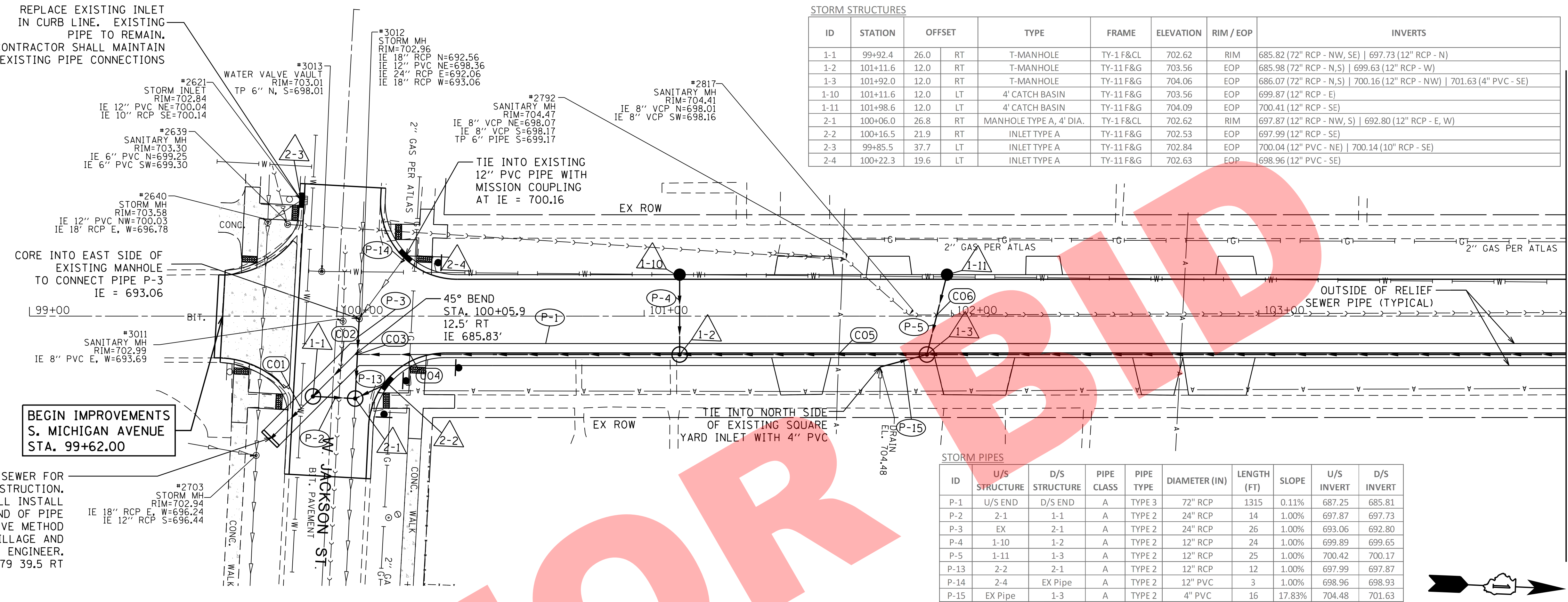
INTERSECTION ADA DETAILS

SCALE: 1" = 10'	SHEET 1 OF 1 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	10
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

- (C01) EX. 6" DIP WM B/P = 696.62
PR. 72" RCP T/P = 692.34
- (C02) EX. 8" SAN B/P = 693.52
PR. 72" RCP T/P = 692.36
- (C03) PR. 24" RCP B/P = 693.27
PR. 72" RCP T/P = 692.37
- (C04) EX. GAS B/P = 698.58*
PR. 72" RCP T/P = 692.39
- (C05) EX. TELE B/P = 699.47*
PR. 72" RCP T/P = 692.55
- (C06) PR. 12" RCP B/P = 700.13
EX. 8" SAN T/P = 697.95

REPLACE EXISTING INLET IN CURB LINE. EXISTING PIPE TO REMAIN. CONTRACTOR SHALL MAINTAIN EXISTING PIPE CONNECTIONS



ID	STATION	OFFSET	TYPE	FRAME	ELEVATION	RIM / EOP	INVERTS
1-1	99+92.4	26.0	RT	T-MANHOLE	TY-1 F&CL	702.62	RIM 685.82 (72" RCP - NW, SE) 697.73 (12" RCP - N)
1-2	101+11.6	12.0	RT	T-MANHOLE	TY-11 F&G	703.56	EOP 685.98 (72" RCP - N, S) 699.63 (12" RCP - W)
1-3	101+92.0	12.0	RT	T-MANHOLE	TY-11 F&G	704.06	EOP 686.07 (72" RCP - N, S) 700.16 (12" RCP - NW) 701.63 (4" PVC - SE)
1-10	101+11.6	12.0	LT	4' CATCH BASIN	TY-11 F&G	703.56	EOP 699.87 (12" RCP - E)
1-11	101+98.6	12.0	LT	4' CATCH BASIN	TY-11 F&G	704.09	EOP 700.41 (12" RCP - SE)
2-1	100+06.0	26.8	RT	MANHOLE TYPE A, 4' DIA.	TY-1 F&CL	702.62	RIM 697.87 (12" RCP - NW, S) 692.80 (12" RCP - E, W)
2-2	100+16.5	21.9	RT	INLET TYPE A	TY-11 F&G	702.53	EOP 697.99 (12" RCP - SE)
2-3	99+85.5	37.7	LT	INLET TYPE A	TY-11 F&G	702.84	EOP 700.04 (12" PVC - NE) 700.14 (10" RCP - SE)
2-4	100+22.3	19.6	LT	INLET TYPE A	TY-11 F&G	702.63	EOP 698.96 (12" PVC - SE)

ID	U/S STRUCTURE	D/S STRUCTURE	PIPE CLASS	PIPE TYPE	DIAMETER (IN)	LENGTH (FT)	SLOPE	U/S INVERT	D/S INVERT
P-1	U/S END	D/S END	A	TYPE 3	72" RCP	1315	0.11%	687.25	685.81
P-2	2-1	1-1	A	TYPE 2	24" RCP	14	1.00%	697.87	697.73
P-3	EX	2-1	A	TYPE 2	24" RCP	26	1.00%	693.06	692.80
P-4	1-10	1-2	A	TYPE 2	12" RCP	24	1.00%	699.89	699.65
P-5	1-11	1-3	A	TYPE 2	12" RCP	25	1.00%	700.42	700.17
P-13	2-2	2-1	A	TYPE 2	12" RCP	12	1.00%	697.99	697.87
P-14	2-4	EX PIPE	A	TYPE 2	12" PVC	3	1.00%	698.96	698.93
P-15	EX PIPE	1-3	A	TYPE 2	4" PVC	16	17.83%	704.48	701.63

END OF RELIEF SEWER FOR THIS PHASE OF CONSTRUCTION. CONTRACTOR SHALL INSTALL CONCRETE BULKHEAD END OF PIPE OR USE AN ALTERNATIVE METHOD APPROVED BY THE VILLAGE AND ENGINEER. STA 99+78.79 39.5 RT

BEGIN IMPROVEMENTS S. MICHIGAN AVENUE STA. 99+62.00

TIE INTO NORTH SIDE OF EXISTING SQUARE YARD INLET WITH 4" PVC

45° BEND STA. 100+05.9 12.5' RT IE 685.83'

STORM MH #2640 RIM=703.58 IE 12" PVC NE=700.03 IE 18" RCP E, W=696.78

SANITARY MH #2639 RIM=703.30 IE 6" PVC N=699.25 IE 6" PVC SW=699.30

STORM INLET #2621 RIM=702.84 IE 12" PVC NE=700.04 IE 10" RCP SE=700.14

WATER VALVE VAULT #3013 TP 6" N, S=698.01

SANITARY MH #2792 RIM=704.47 IE 8" VCP NE=698.07 IE 8" VCP S=698.17 TP 6" PIPE S=699.17

SANITARY MH #2817 RIM=704.41 IE 8" VCP N=698.01 IE 8" VCP SW=698.16

STORM MH #2703 RIM=702.94 IE 18" RCP E, W=696.24 IE 12" RCP S=696.44

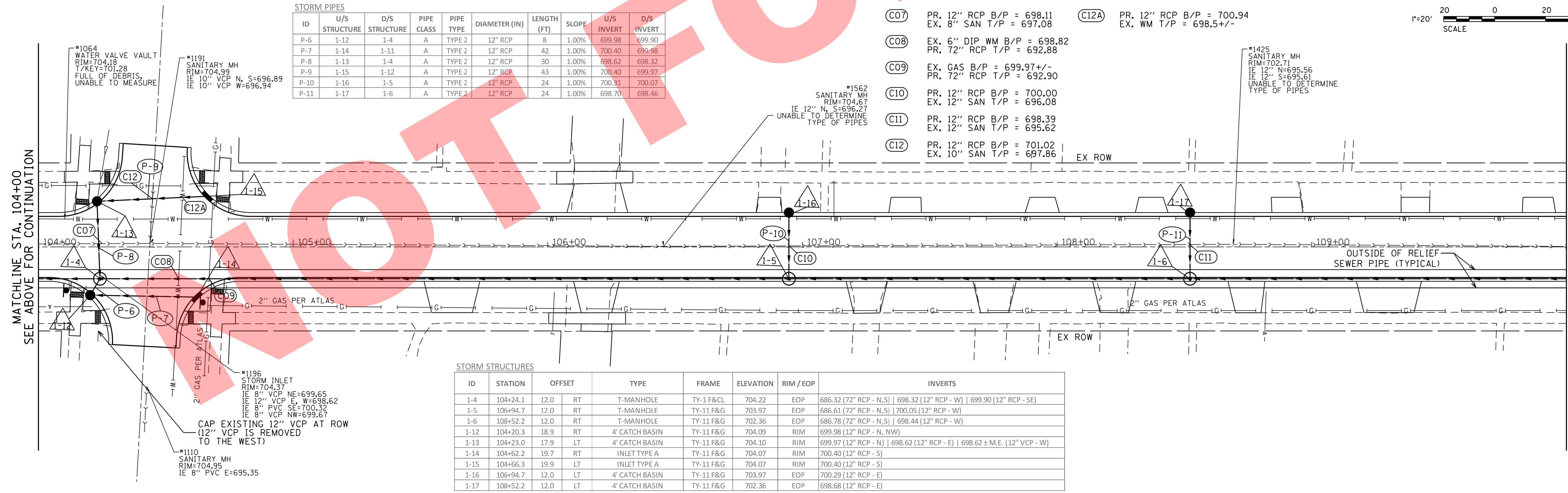
SANITARY MH #3011 RIM=702.99 IE 8" PVC E, W=693.69

STORM MH #2640 RIM=703.58 IE 12" PVC NE=700.03 IE 18" RCP E, W=696.78

CORE INTO EAST SIDE OF EXISTING MANHOLE TO CONNECT PIPE P-3 IE = 693.06

STORM INLET #2621 RIM=702.84 IE 12" PVC NE=700.04 IE 10" RCP SE=700.14

REPLACE EXISTING INLET IN CURB LINE. EXISTING PIPE TO REMAIN. CONTRACTOR SHALL MAINTAIN EXISTING PIPE CONNECTIONS



ID	U/S STRUCTURE	D/S STRUCTURE	PIPE CLASS	PIPE TYPE	DIAMETER (IN)	LENGTH (FT)	SLOPE	U/S INVERT	D/S INVERT
P-6	1-12	1-4	A	TYPE 2	12" RCP	8	1.00%	699.98	699.90
P-7	1-14	1-11	A	TYPE 2	12" RCP	42	1.00%	700.40	699.98
P-8	1-13	1-4	A	TYPE 2	12" RCP	30	1.00%	698.62	698.32
P-9	1-15	1-12	A	TYPE 2	12" RCP	43	1.00%	700.40	699.97
P-10	1-16	1-5	A	TYPE 2	12" RCP	24	1.00%	700.31	700.07
P-11	1-17	1-6	A	TYPE 2	12" RCP	24	1.00%	698.70	698.46

- (C07) PR. 12" RCP B/P = 698.11
EX. 8" SAN T/P = 697.08
- (C08) EX. 6" DIP WM B/P = 698.82
PR. 72" RCP T/P = 692.88
- (C09) EX. GAS B/P = 699.97 +/-
PR. 72" RCP T/P = 692.90
- (C10) PR. 12" RCP B/P = 700.00
EX. 12" SAN T/P = 696.08
- (C11) PR. 12" RCP B/P = 698.39
EX. 12" SAN T/P = 695.62
- (C12) PR. 12" RCP B/P = 701.02
EX. 10" SAN T/P = 697.86
- (C12A) PR. 12" RCP B/P = 700.94
EX. WM T/P = 698.5 +/-

SANITARY MH #1425 RIM=702.71 IE 12" N=695.56 IE 12" S=695.61 UNABLE TO DETERMINE TYPE OF PIPES

SANITARY MH #1562 RIM=704.67 IE 12" N, S=696.27 UNABLE TO DETERMINE TYPE OF PIPES

WATER VALVE VAULT #1064 RIM=704.18 KEY=701.28 FULL OF DEBRIS, UNABLE TO MEASURE

SANITARY MH #1191 RIM=704.99 IE 10" VCP N, S=696.89 IE 10" VCP W=696.94

STORM INLET #1196 RIM=704.37 IE 8" VCP NE=699.65 IE 12" VCP E, W=698.62 IE 8" PVC SE=700.32 IE 8" VCP NW=699.67

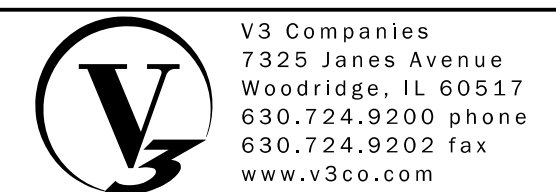
SANITARY MH #1110 RIM=704.95 IE 8" PVC E=695.35

CAP EXISTING 12" VCP AT ROW (12" VCP IS REMOVED TO THE WEST)

ID	STATION	OFFSET	TYPE	FRAME	ELEVATION	RIM / EOP	INVERTS
1-4	104+24.1	12.0	RT	T-MANHOLE	TY-1 F&CL	704.22	EOP 686.32 (72" RCP - N, S) 698.32 (12" RCP - W) 699.90 (12" RCP - SE)
1-5	106+94.7	12.0	RT	T-MANHOLE	TY-11 F&G	703.97	EOP 686.61 (72" RCP - N, S) 700.05 (12" RCP - W)
1-6	108+52.2	12.0	RT	T-MANHOLE	TY-11 F&G	702.36	EOP 686.78 (72" RCP - N, S) 698.44 (12" RCP - W)
1-12	104+20.3	18.9	RT	4' CATCH BASIN	TY-11 F&G	704.09	RIM 699.98 (12" RCP - N, NW)
1-13	104+23.0	17.9	LT	4' CATCH BASIN	TY-11 F&G	704.10	RIM 699.97 (12" RCP - N) 698.62 (12" RCP - E) 698.62 ± M.E. (12" VCP - W)
1-14	104+62.2	19.7	RT	INLET TYPE A	TY-11 F&G	704.07	RIM 700.40 (12" RCP - S)
1-15	104+66.3	19.9	LT	INLET TYPE A	TY-11 F&G	704.07	RIM 700.40 (12" RCP - S)
1-16	106+94.7	12.0	LT	4' CATCH BASIN	TY-11 F&G	703.97	EOP 700.29 (12" RCP - E)
1-17	108+52.2	12.0	LT	4' CATCH BASIN	TY-11 F&G	702.36	EOP 698.68 (12" RCP - E)

MATCHLINE STA. 104+00 SEE ABOVE FOR CONTINUATION

MATCHLINE STA. 110+00 SEE SHEET 12



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
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www.v3co.com

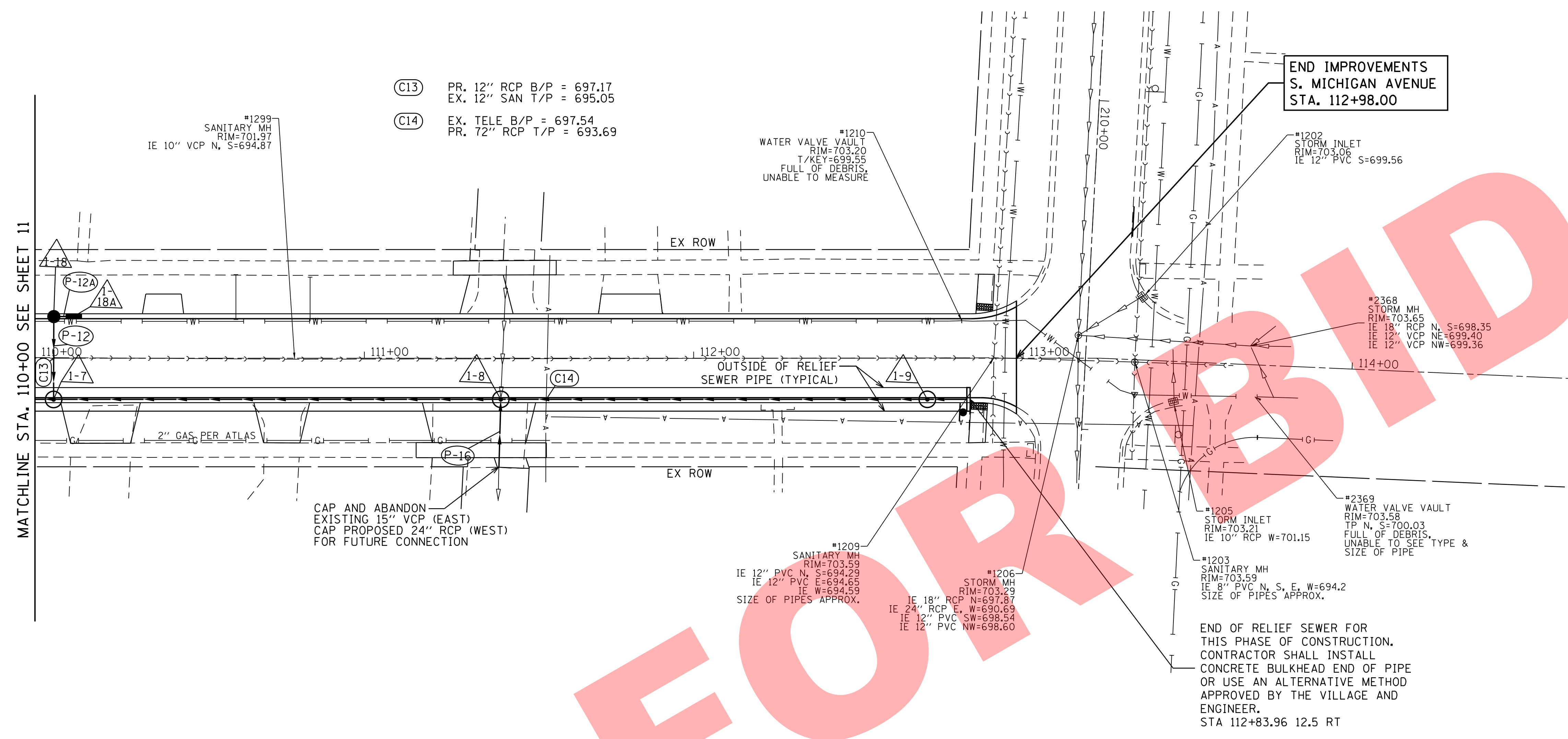
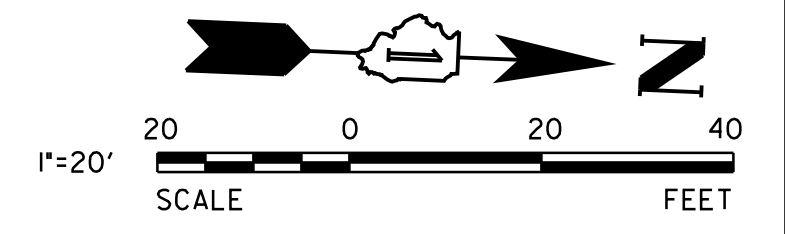
USER NAME = sjandick
DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

REVISED -
REVISED -
REVISED -
REVISED -

2018 SOUTH MICHIGAN AVENUE IMPROVEMENT PROJECT (JACKSON TO MADISON) VILLAGE OF VILLA PARK, ILLINOIS

DRAINAGE AND UTILITY PLAN ALTERNATIVE 1
SCALE: 1" = 20'
SHEET 1 OF 2 SHEETS
STA. 100+00.00 TO STA. 110+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE	34	11
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



STORM PIPES

ID	U/S STRUCTURE	D/S STRUCTURE	PIPE CLASS	PIPE TYPE	DIAMETER (IN)	LENGTH (FT)	SLOPE	U/S INVERT	D/S INVERT
P-12	1-18	1-7	A	TYPE 2	12" RCP	25	1.00%	697.47	697.22
P-12A	1-18A	1-17	A	TYPE 2	12" RCP	6	1.00%	697.53	697.47
P-16	U/S END	1-8	A	TYPE 2	24" RCP	21	0.54%	693.20	693.09

STORM STRUCTURES

ID	STATION	OFFSET	TYPE	FRAME	ELEVATION	RIM / EOP	INVERTS
1-7	110+05.7	12.0	RT	TY-11 F&G	701.20	EOP	686.96 (72" RCP - N,S) 697.22 (12" RCP - W)
1-8	111+41.4	12.0	RT	TY-1 F&OL	701.75	EOP	687.10 (72" RCP - N,S) 696.24 ± M.E. (12" VCP - W) 693.09 (24" RCP - E)
1-9	112+71.0	12.0	RT	TY-11 F&G	702.78	EOP	687.24 (72" RCP - N,S)
1-18	110+05.7	12.0	LT	TY-11 F&G	701.20	EOP	697.46 (12" RCP - E, N)
1-18A	110+11.7	12.0	LT	TY-11 F&G	701.19	EOP	697.52 (12" RCP - S)

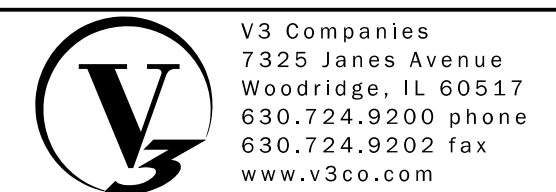
(C13) PR. 12" RCP B/P = 697.17
EX. 12" SAN T/P = 695.05

(C14) EX. TELE B/P = 697.54
PR. 72" RCP T/P = 693.69

END IMPROVEMENTS
S. MICHIGAN AVENUE
STA. 112+98.00

CAP AND ABANDON
EXISTING 15" VCP (EAST)
CAP PROPOSED 24" RCP (WEST)
FOR FUTURE CONNECTION

END OF RELIEF SEWER FOR
THIS PHASE OF CONSTRUCTION.
CONTRACTOR SHALL INSTALL
CONCRETE BULKHEAD END OF PIPE
OR USE AN ALTERNATIVE METHOD
APPROVED BY THE VILLAGE AND
ENGINEER.
STA 112+83.96 12.5 RT



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USER NAME = sjandick
DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

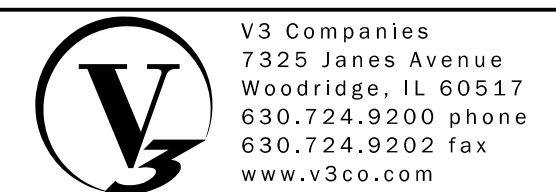
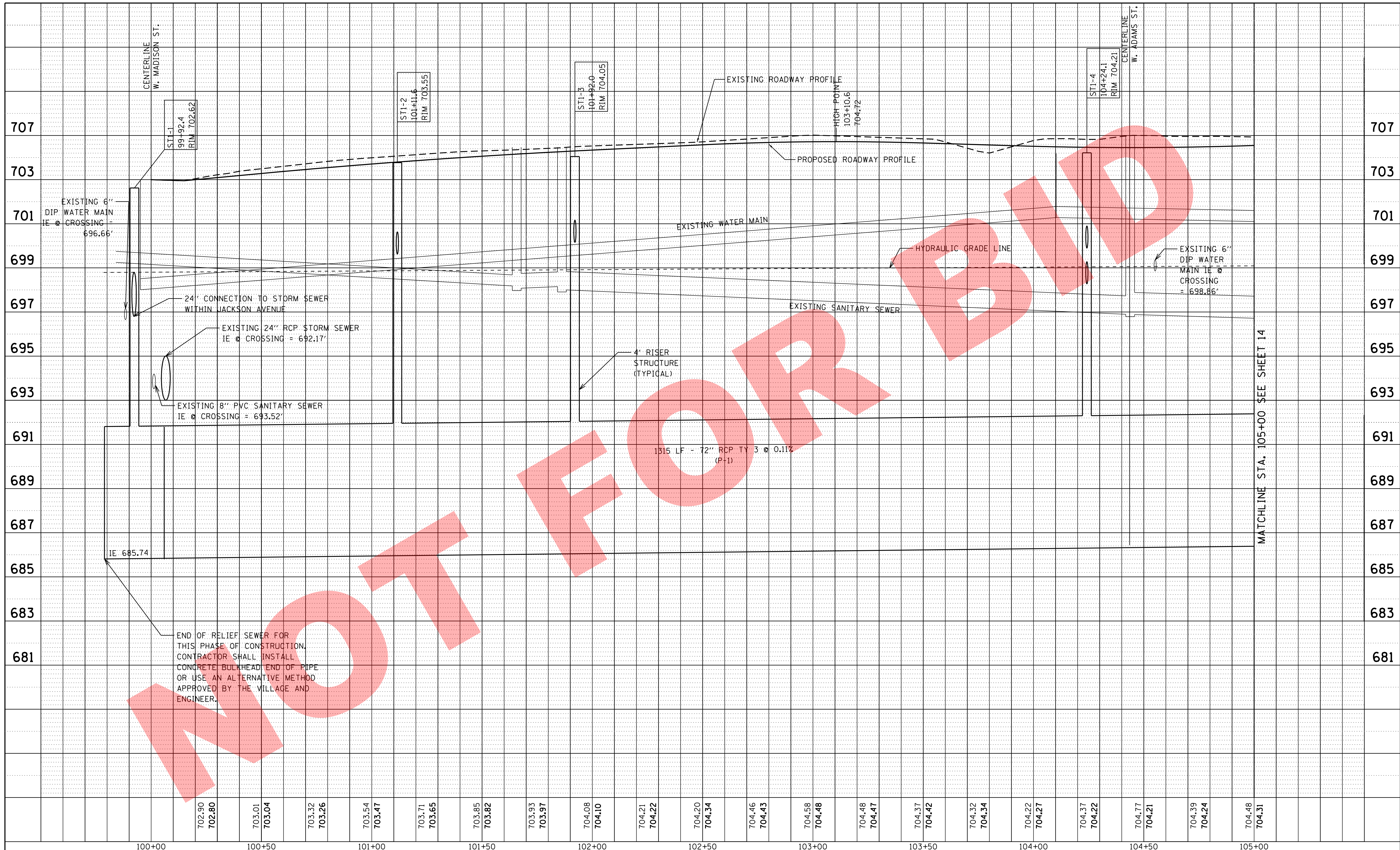
REVISED -
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**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

**DRAINAGE AND UTILITY PLAN
ALTERNATIVE 1**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 110+00.00 TO STA. 114+66.09

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE	34	12
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



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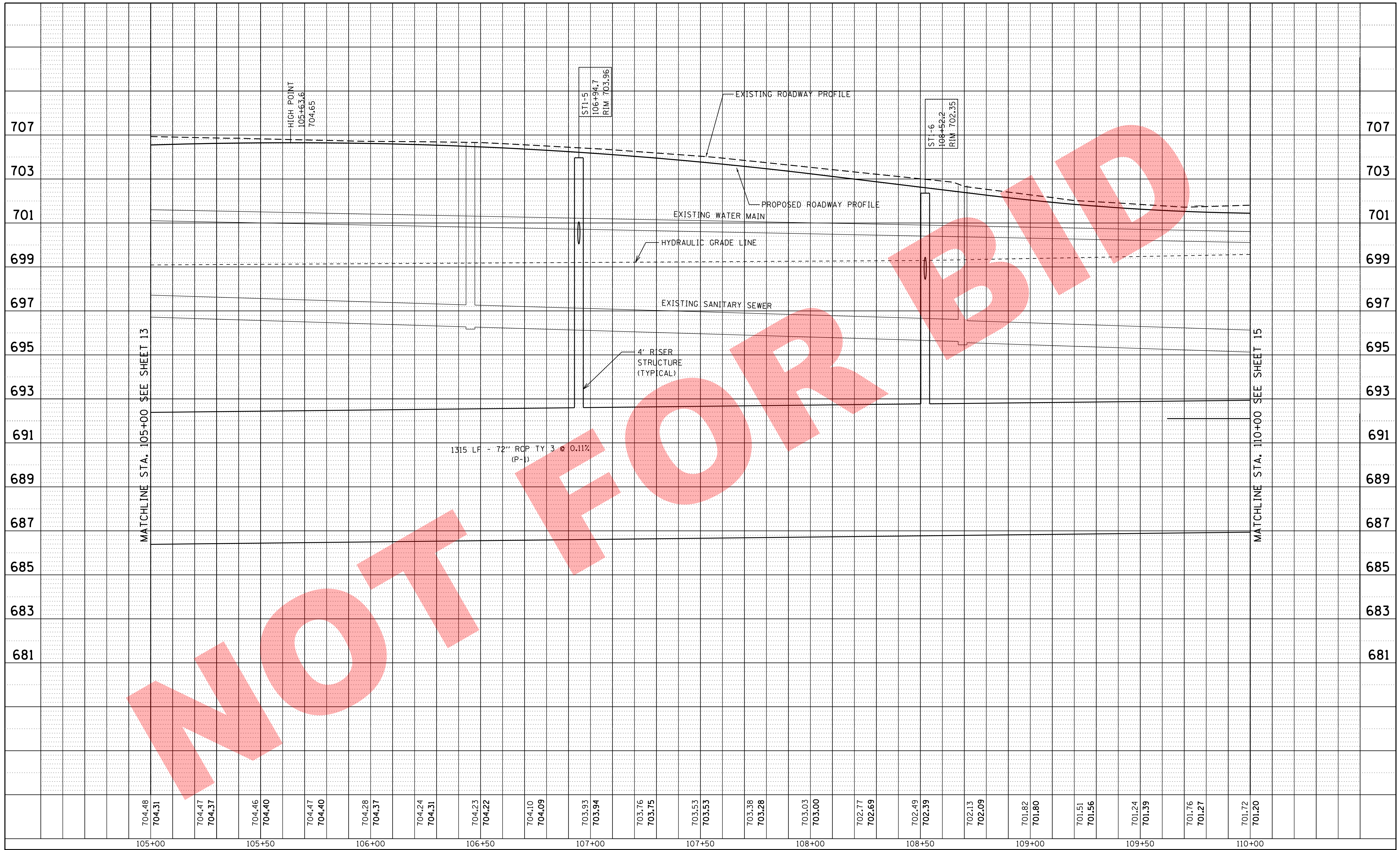
USER NAME = sjandick
DESIGNED - SJJ
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DATE - 09-22-2017

REVISIED -
REVISIED -
REVISIED -
REVISIED -

**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

**DRAINAGE AND UTILITY PLAN
ALTERNATIVE 1**
SCALE: 1" = 20'
SHEET 1 OF 3 SHEETS
STA. 100+00.00 TO STA. 105+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	13
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



NOT FOR BIDD

	V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = sjandick PLOT SCALE = 20.0000' / in. PLOT DATE = 9/22/2017	DESIGNED - SJJ DRAWN - DRP CHECKED - MJR DATE - 09-22-2017	REVISED - REVISED - REVISED - REVISED -	2018 SOUTH MICHIGAN AVENUE IMPROVEMENT PROJECT (JACKSON TO MADISON) VILLAGE OF VILLA PARK, ILLINOIS	DRAINAGE AND UTILITY PLAN ALTERNATIVE 1	SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 105+00.00 TO STA. 110+00.00	F.A. RTÉ. SECTION COUNTY DUPAGE CONTRACT NO. ILLINOIS FED. AID PROJECT	TOTAL SHEETS 34	SHEET NO. 14
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- (C01) EX. 6" DIP WM B/P = 696.62
PR. 54" RCP T/P = 692.21
- (C02) EX. 8" SAN B/P = 693.52
PR. 54" RCP T/P = 692.23
- (C03) PR. 24" RCP B/P = 693.27
PR. 54" RCP T/P = 692.24
- (C04) EX. GAS B/P = 698.58
PR. 54" RCP T/P = 692.26
- (C05) EX. TELE B/P = 699.47
PR. 54" RCP T/P = 692.42
- (C06) PR. 12" RCP B/P = 700.13
EX. 8" SAN T/P = 697.95

REPLACE EXISTING INLET
IN CURB LINE. EXISTING
PIPE TO REMAIN.
CONTRACTOR SHALL MAINTAIN
EXISTING PIPE CONNECTIONS

CORE INTO EAST SIDE OF
EXISTING MANHOLE
TO CONNECT PIPE P-3
IE = 693.06

BEGIN IMPROVEMENTS
S. MICHIGAN AVENUE
STA. 99+62.00

END OF RELIEF SEWER FOR
THIS PHASE OF CONSTRUCTION.
CONTRACTOR SHALL INSTALL
CONCRETE BULKHEAD END OF PIPE
OR USE AN ALTERNATIVE METHOD
APPROVED BY THE VILLAGE AND
ENGINEER.
STA 99+78.79 39.5 RT

STORM STRUCTURES

ID	STATION	OFFSET	TYPE	FRAME	ELEVATION	RIM / EOP	INVERTS
1-1	99+92.4	26.0 RT	T-MANHOLE	TY-1 F&CL	702.62	RIM	687.44 (54" RCP - NW, SE) 697.73 (12" RCP - N)
1-2	101+11.6	12.0 RT	T-MANHOLE	TY-11 F&G	703.56	EOP	687.58 (54" RCP - N,S) 699.63 (12" RCP - W)
1-3	101+92.0	12.0 RT	T-MANHOLE	TY-11 F&G	704.06	EOP	687.67 (54" RCP - N,S) 700.16 (12" RCP - NW) 701.63 (4" PVC - SE)
1-10	101+11.6	12.0 LT	4' CATCH BASIN	TY-11 F&G	703.56	EOP	699.87 (12" RCP - E)
1-11	101+98.6	12.0 LT	4' CATCH BASIN	TY-11 F&G	704.09	EOP	700.41 (12" RCP - SE)
2-1	100+06.0	26.8 RT	MANHOLE TYPE A, 4' DIA.	TY-1 F&CL	702.62	RIM	697.87 (12" RCP - NW, S) 692.80 (12" RCP - E, W)
2-2	100+16.5	21.9 RT	INLET TYPE A	TY-11 F&G	702.53	EOP	697.99 (12" RCP - SE)
2-3	99+85.5	37.7 LT	INLET TYPE A	TY-11 F&G	702.84	EOP	700.04 (12" PVC - NE) 700.14 (10" RCP - SE)
2-4	100+22.3	19.6 LT	INLET TYPE A	TY-11 F&G	702.63	EOP	698.96 (12" PVC - SE)

STORM PIPES

ID	U/S STRUCTURE	D/S STRUCTURE	PIPE CLASS	PIPE TYPE	DIAMETER (IN)	LENGTH (FT)	SLOPE	U/S INVERT	D/S INVERT
P-1	U/S END	D/S END	A	TYPE 3	54" RCP	1315	0.11%	688.87	687.42
P-2	2-1	1-1	A	TYPE 2	24" RCP	14	1.00%	697.87	697.73
P-3	EX	2-1	A	TYPE 2	24" RCP	26	1.00%	693.06	692.80
P-4	1-10	1-2	A	TYPE 2	12" RCP	24	1.00%	699.89	699.65
P-5	1-11	1-3	A	TYPE 2	12" RCP	25	1.00%	700.42	700.17
P-13	2-2	2-1	A	TYPE 2	12" RCP	12	1.00%	697.99	697.87
P-14	2-4	EX PIPE	A	TYPE 2	12" PVC	3	1.00%	698.96	698.93
P-15	EX PIPE	1-3	A	TYPE 2	4" PVC	16	17.83%	704.48	701.63

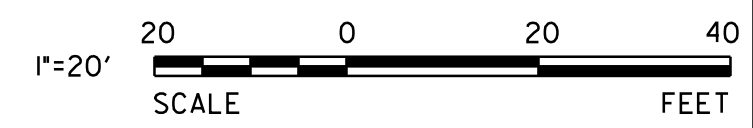


STORM PIPES

ID	U/S STRUCTURE	D/S STRUCTURE	PIPE CLASS	PIPE TYPE	DIAMETER (IN)	LENGTH (FT)	SLOPE	U/S INVERT	D/S INVERT
P-6	1-12	1-4	A	TYPE 2	12" RCP	8	1.00%	699.98	699.90
P-7	1-14	1-11	A	TYPE 2	12" RCP	42	1.00%	700.40	699.98
P-8	1-13	1-4	A	TYPE 2	12" RCP	30	1.00%	698.62	698.32
P-9	1-15	1-12	A	TYPE 2	12" RCP	43	1.00%	700.40	699.97
P-10	1-16	1-5	A	TYPE 2	12" RCP	24	1.00%	700.31	700.07
P-11	1-17	1-6	A	TYPE 2	12" RCP	24	1.00%	698.70	698.46

- (C07) PR. 12" RCP B/P = 698.11
EX. 8" SAN T/P = 697.08
- (C08) EX. 6" DIP WM B/P = 698.82
PR. 72" RCP T/P = 692.88
- (C09) EX. GAS B/P = 699.97 +/-
PR. 72" RCP T/P = 692.90
- (C10) PR. 12" RCP B/P = 700.00
EX. 12" SAN T/P = 696.08
- (C11) PR. 12" RCP B/P = 698.39
EX. 12" SAN T/P = 695.62
- (C12) PR. 12" RCP B/P = 701.02
EX. 10" SAN T/P = 697.86

- (C12A) PR. 12" RCP B/P = 700.94
EX. WM T/P = 698.5 +/-

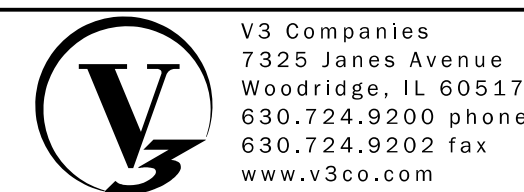


MATCHLINE STA. 104+00
SEE ABOVE FOR CONTINUATION

MATCHLINE STA. 110+00
SEE SHEET 17

STORM STRUCTURES

ID	STATION	OFFSET	TYPE	FRAME	ELEVATION	RIM / EOP	INVERTS
1-4	104+24.1	12.0 RT	T-MANHOLE	TY-1 F&CL	704.22	EOP	687.92 (54" RCP - N,S) 698.32 (12" RCP - W) 699.90 (12" RCP - SE)
1-5	106+94.7	12.0 RT	T-MANHOLE	TY-11 F&G	703.97	EOP	688.22 (54" RCP - N,S) 700.05 (12" RCP - W)
1-6	108+52.2	12.0 RT	T-MANHOLE	TY-11 F&G	702.36	EOP	688.40 (54" RCP - N,S) 698.44 (12" RCP - W)
1-12	104+20.3	18.9 RT	4' CATCH BASIN	TY-11 F&G	704.09	RIM	699.98 (12" RCP - N, NW)
1-13	104+23.0	17.9 LT	4' CATCH BASIN	TY-11 F&G	704.10	RIM	699.97 (12" RCP - N) 698.62 (12" RCP - E) 698.62 ± M.E. (12" VCP - W)
1-14	104+62.2	19.7 RT	INLET TYPE A	TY-11 F&G	704.07	RIM	700.40 (12" RCP - S)
1-15	104+66.3	19.9 LT	INLET TYPE A	TY-11 F&G	704.07	RIM	700.40 (12" RCP - S)
1-16	106+94.7	12.0 LT	4' CATCH BASIN	TY-11 F&G	703.97	EOP	700.29 (12" RCP - E)
1-17	108+52.2	12.0 LT	4' CATCH BASIN	TY-11 F&G	702.36	EOP	698.68 (12" RCP - E)



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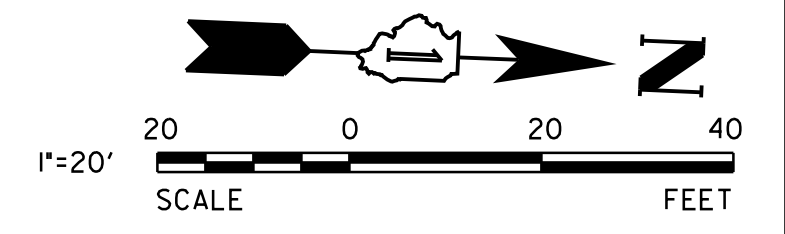
USER NAME = sjandick
DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

REVISED -
REVISED -
REVISED -
REVISED -

**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

**DRAINAGE AND UTILITY PLAN
ALTERNATIVE 2**
SCALE: 1" = 20'
SHEET 1 OF 2 SHEETS
STA. 100+00.00 TO STA. 110+00.00

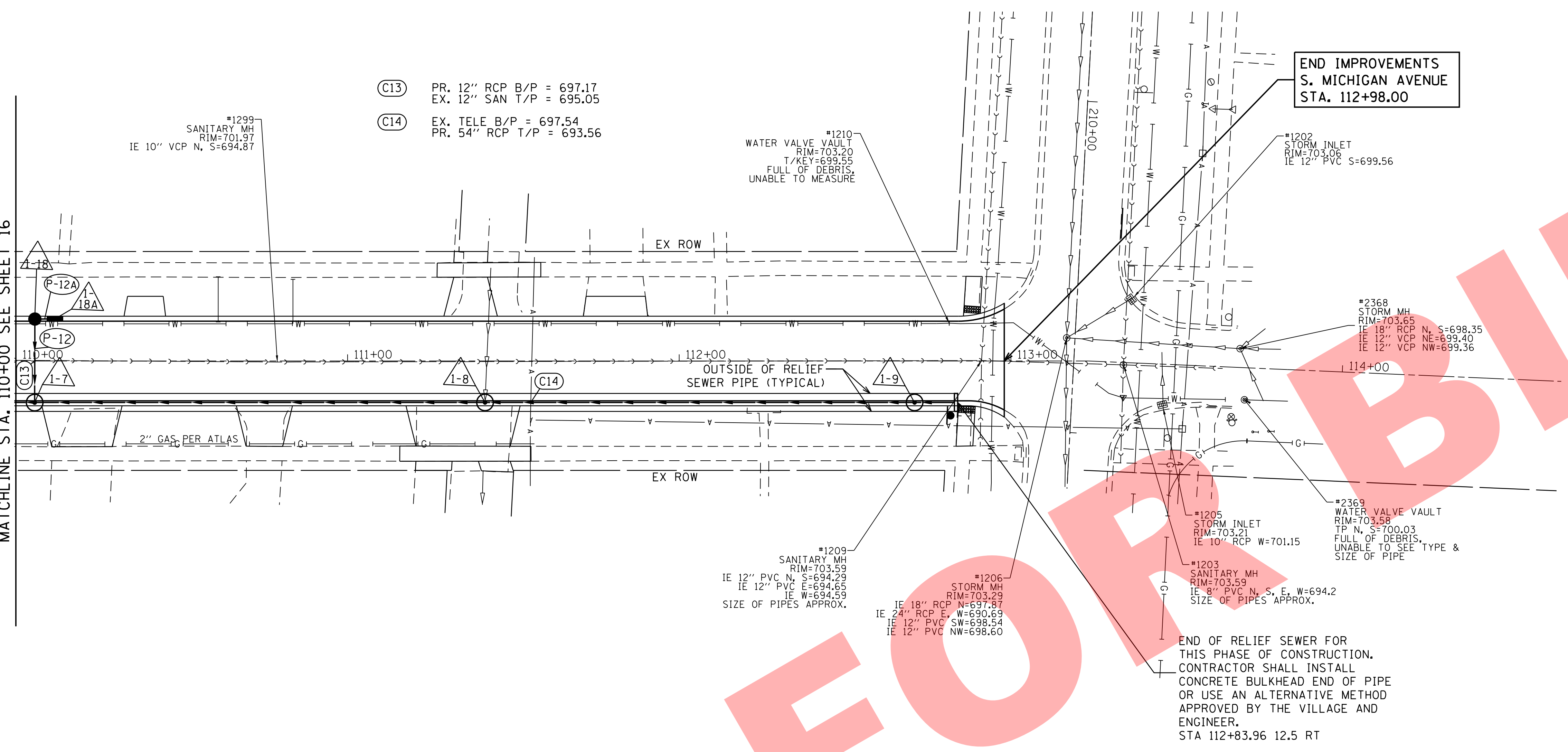
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE	34	16
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**END IMPROVEMENTS
S. MICHIGAN AVENUE
STA. 112+98.00**

- (C13) PR. 12" RCP B/P = 697.17
EX. 12" SAN T/P = 695.05
- (C14) EX. TELE B/P = 697.54
PR. 54" RCP T/P = 693.56

MATCHLINE STA. 110+00 SEE SHEET 16



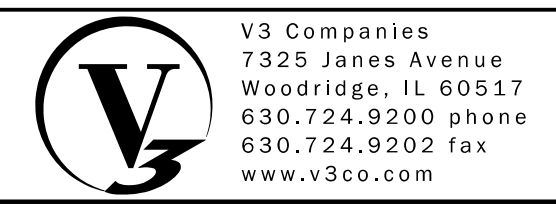
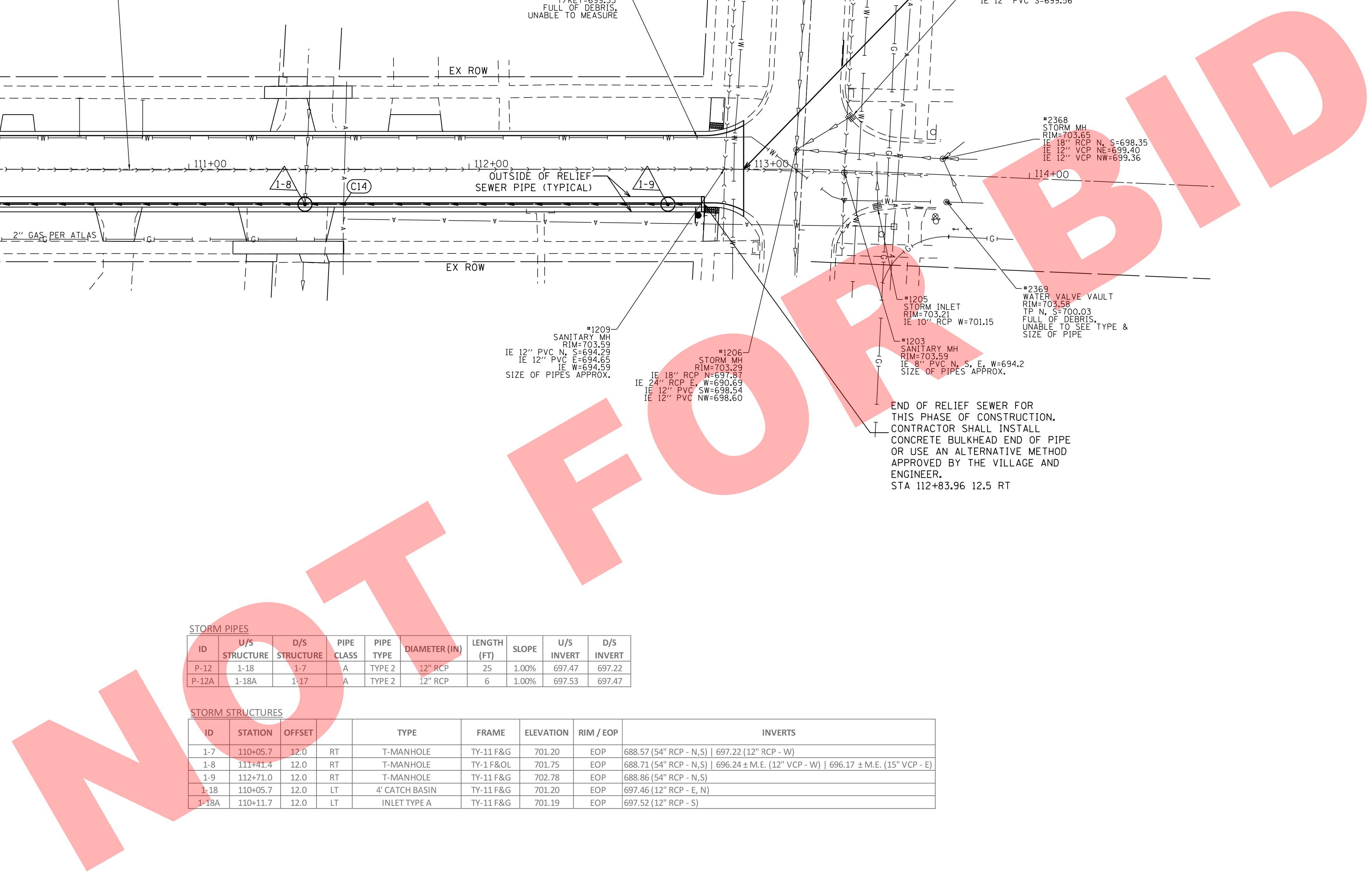
STORM PIPES

ID	U/S STRUCTURE	D/S STRUCTURE	PIPE CLASS	PIPE TYPE	DIAMETER (IN)	LENGTH (FT)	SLOPE	U/S INVERT	D/S INVERT
P-12	1-18	1-7	A	TYPE 2	12" RCP	25	1.00%	697.47	697.22
P-12A	1-18A	1-17	A	TYPE 2	12" RCP	6	1.00%	697.53	697.47

STORM STRUCTURES

ID	STATION	OFFSET		TYPE	FRAME	ELEVATION	RIM / EOP	INVERTS
1-7	110+05.7	12.0	RT	T-MANHOLE	TY-11 F&G	701.20	EOP	688.57 (54" RCP - N,S) 697.22 (12" RCP - W)
1-8	111+41.4	12.0	RT	T-MANHOLE	TY-1 F&OL	701.75	EOP	688.71 (54" RCP - N,S) 696.24 ± M.E. (12" VCP - W) 696.17 ± M.E. (15" VCP - E)
1-9	112+71.0	12.0	RT	T-MANHOLE	TY-11 F&G	702.78	EOP	688.86 (54" RCP - N,S)
1-18	110+05.7	12.0	LT	4' CATCH BASIN	TY-11 F&G	701.20	EOP	697.46 (12" RCP - E, N)
1-18A	110+11.7	12.0	LT	INLET TYPE A	TY-11 F&G	701.19	EOP	697.52 (12" RCP - S)

END OF RELIEF SEWER FOR THIS PHASE OF CONSTRUCTION. CONTRACTOR SHALL INSTALL CONCRETE BULKHEAD END OF PIPE OR USE AN ALTERNATIVE METHOD APPROVED BY THE VILLAGE AND ENGINEER.
STA 112+83.96 12.5 RT



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USER NAME = sjandick	DESIGNED - SJJ	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DRP	REVISED -
PLOT DATE = 9/22/2017	CHECKED - MJR	REVISED -
	DATE - 09-22-2017	REVISED -

**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

**DRAINAGE AND UTILITY PLAN
ALTERNATIVE 2**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 110+00.00 TO STA. 114+66.09

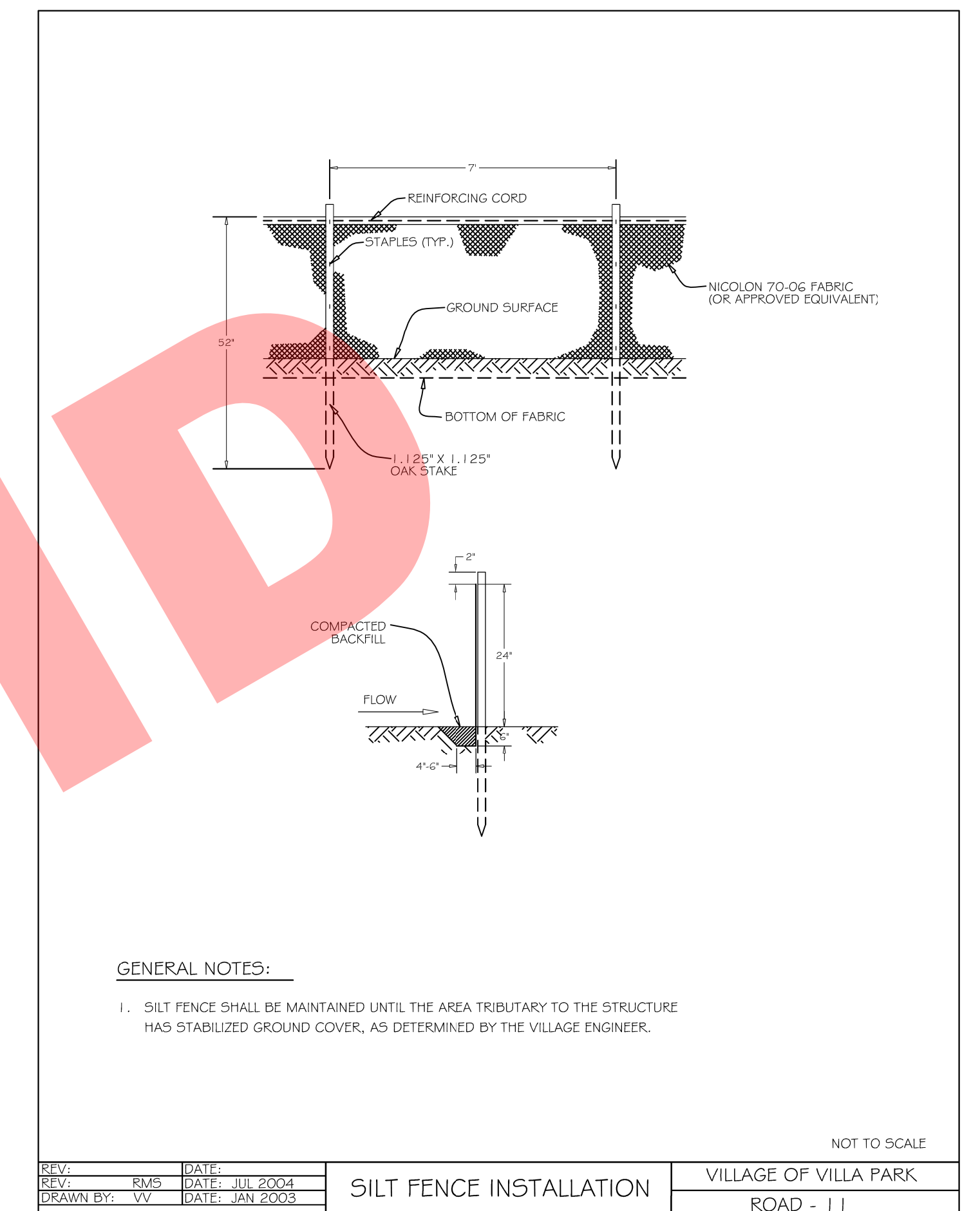
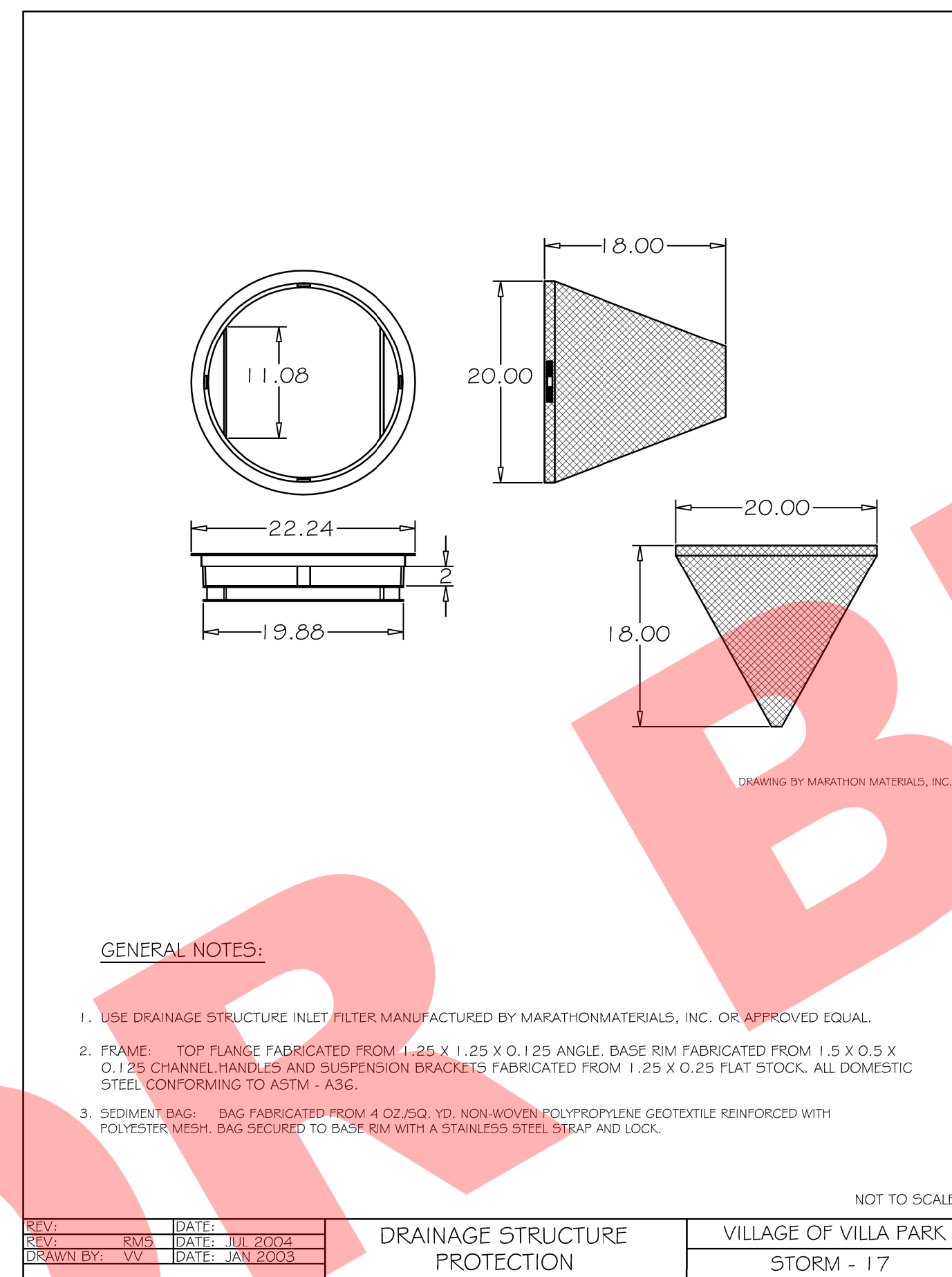
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	17
			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

VILLAGE OF VILLA PARK EROSION CONTROL NOTES

1. THE 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 DRAINAGE STRUCTURE PROTECTORS IN ALL STORM MANHOLES AND/OR INLETS PER DETAILS.
2. THE CONTRACTOR SHALL MAKE AN INSPECTION OF THE INSTALLATION ON A WEEKLY BASIS OR FOLLOWING A RAINFALL OF 1/2 INCH OR MORE OVER A 24 CONTROL HOUR PERIOD. A RECORD OF SUCH INSPECTIONS SHALL BE KEPT ON SITE AT ALL TIMES UNTIL FINAL ACCEPTANCE OF THE WORK.
3. 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 AT NO ADDITIONAL COST TO THE VILLAGE.
4. SEE STANDARD VILLAGE OF VILLA PARK DETAILS FOR SILT FENCE AND DRAINAGE STRUCTURE PROTECTION REQUIREMENTS.
5. ALL STATE AND LOCAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED THROUGHOUT CONSTRUCTION.
6. ALL SILT FENCE SHALL BE INSTALLED AND APPROVED BY THE VILLAGE OF VILLA PARK PRIOR TO CONSTRUCTION.
7. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. THE CONTRACTOR SHALL SURROUND ALL EARTH STOCKPILES WITH SILT FILTER FENCE AND SHALL BE PAID FOR AS PERIMETER EROSION BARRIER.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH VILLA PARK CODE AND ARTICLE VII OF THE DUPAGE COUNTY COUNTYWIDE STORM WATER AND FLOOD PLAIN ORDINANCE, EFFECTIVE SEPTEMBER 24, 1991 AND ALL SUBSEQUENT REVISIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND ILR40.
3. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED. COST OF THIS WORK SHALL BE INCIDENTAL TO PARKWAY RESTORATION.
4. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORMWATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 06-60.
5. AT THE END OF EACH WORK DAY, THE SITE SHALL BE GRADED TO MAINTAIN THE DRAINAGE PATTERN ESTABLISHED IN THE EROSION CONTROL PLAN. THIS WORK SHALL BE INCLUDED IN THE COST OF THE EROSION CONTROL ITEMS.
6. PERIMETER EROSION BARRIER SHALL BE PLACED ONE (1) FOOT INSIDE THE RIGHT-OF-WAY LINE AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
7. TREE PROTECTION SHALL CONSIST OF ITEMS "TEMPORARY FENCING" AS DIRECTED BY THE ENGINEER AND IN ACCORDANCE WITH ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS. TEMPORARY FENCING SHALL BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED, NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
8. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
9. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS.
10. EROSION CONTROL MEASURES AROUND PROPOSED INLETS AND CULVERTS SHALL BE CONSTRUCTED IMMEDIATELY AFTER THE DRAINAGE ITEMS ARE CONSTRUCTED.
11. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES.
12. ALL COMPLETED SLOPES SHALL BE RESTORED AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDING AT ONE TIME. COST OF THIS WORK SHALL BE INCIDENTAL TO PARKWAY RESTORATION.
13. ALL EXISTING INLETS AND PIPES WITHIN LIMITS OF CONSTRUCTION OR WHICH WILL RECEIVE RUNOFF FROM DISTURBED AREAS WILL BE PROTECTED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
14. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
15. THE COST OF REMOVING SEDIMENT OR REPAIRING EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.



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USER NAME = sjandick
PLOT SCALE = 1:8000' / in.
PLOT DATE = 9/22/2017

DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

REVISED -
REVISED -
REVISED -
REVISED -

2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS

EROSION AND SEDIMENT CONTROL NOTES

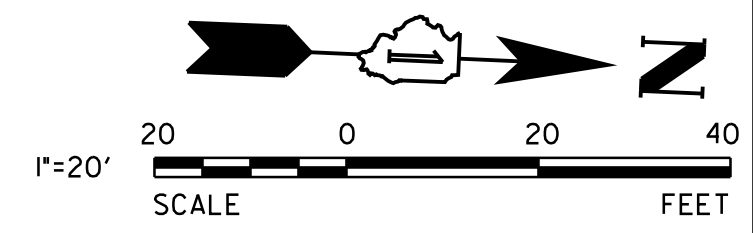
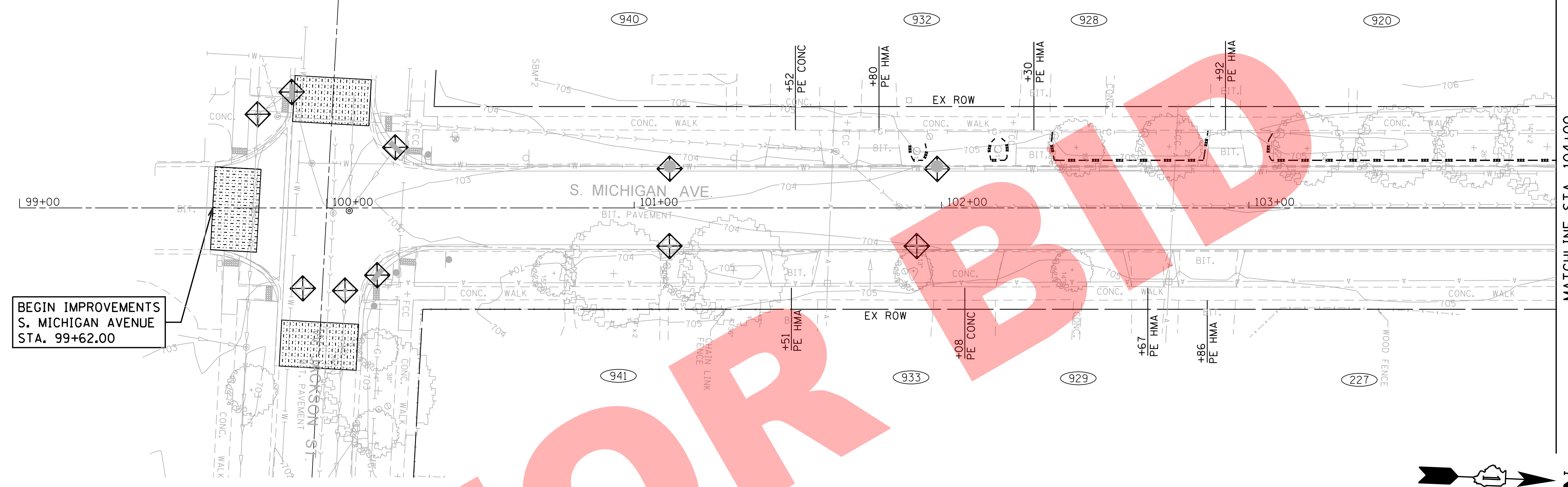
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE	34	21
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

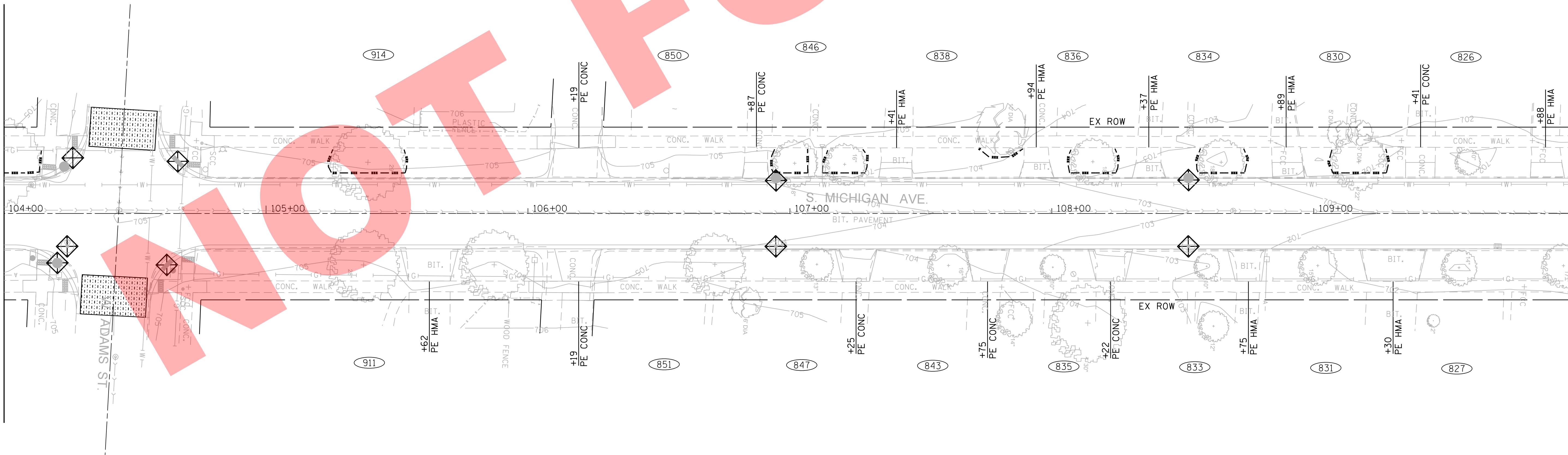
LEGEND:

	INLET FILTER
	TEMPORARY FENCE
	STABILIZED CONSTRUCTION ENTRANCE PAID FOR AS TEMPORARY ACCESS (ROAD)

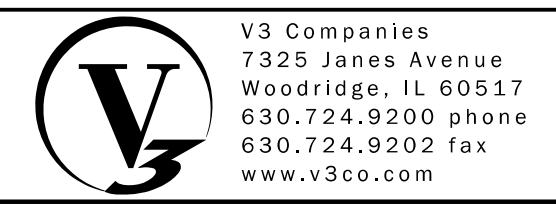
BEGIN IMPROVEMENTS
S. MICHIGAN AVENUE
STA. 99+62.00



MATCHLINE STA. 104+00
SEE ABOVE FOR CONTINUATION



MATCHLINE STA. 110+00 SEE SHEET 23



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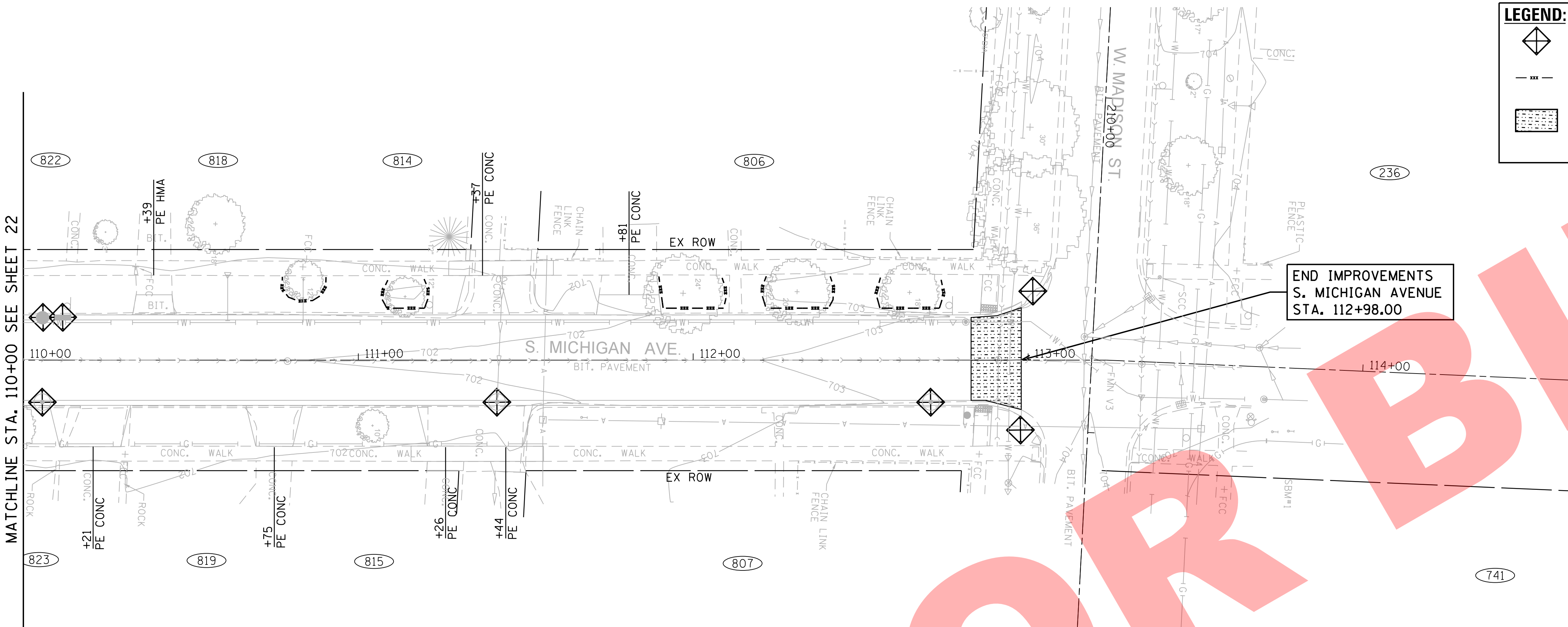
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PLOT DATE = 9/22/2017	CHECKED - MJR	REVISED -
	DATE - 09-22-2017	REVISED -

**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**


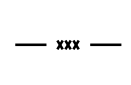
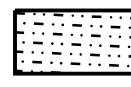
EROSION AND SEDIMENT CONTROL PLAN			
SCALE: 1" = 20'	SHEET 1 OF 2 SHEETS	STA. 100+00.00 TO STA. 110+00.00	

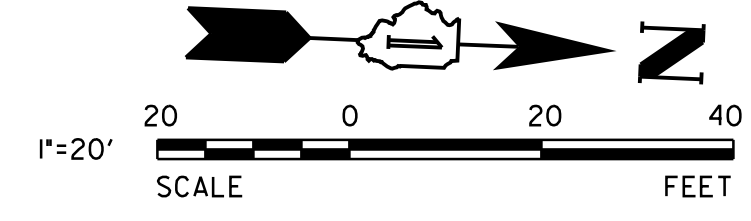
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	22
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 110+00 SEE SHEET 22




LEGEND:

-  INLET FILTER
-  TEMPORARY FENCE
-  STABILIZED CONSTRUCTION ENTRANCE PAID FOR AS TEMPORARY ACCESS (ROAD)



END IMPROVEMENTS
S. MICHIGAN AVENUE
STA. 112+98.00

NOT FOR BID



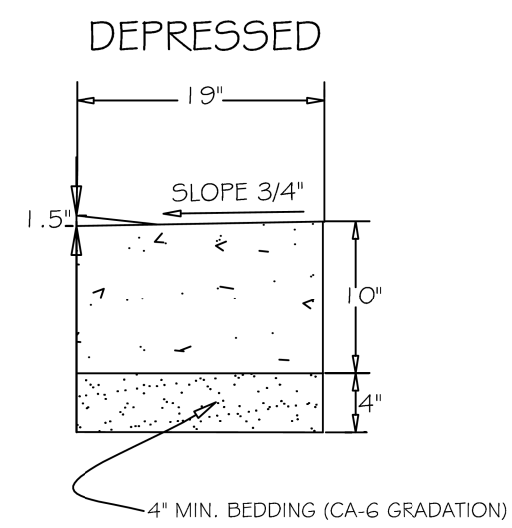
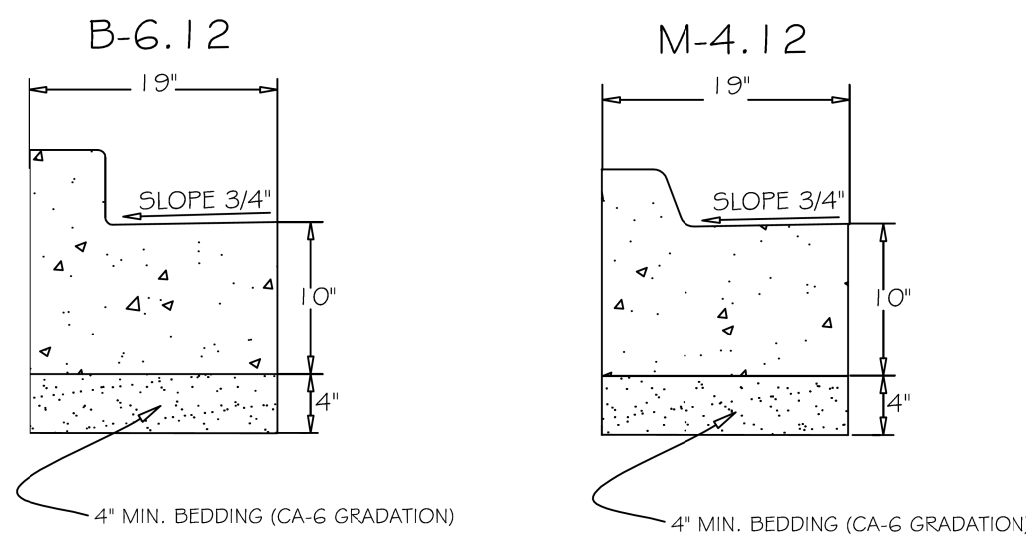
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USER NAME = sjandick	DESIGNED - SJJ	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DRP	REVISED -
PLOT DATE = 9/22/2017	CHECKED - MJR	REVISED -
	DATE - 09-22-2017	REVISED -

**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

EROSION AND SEDIMENT CONTROL PLAN			
SCALE: 1" = 20'	SHEET 2 OF 2 SHEETS	STA. 110+00.00 TO STA. 114+66.09	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE	34	23
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

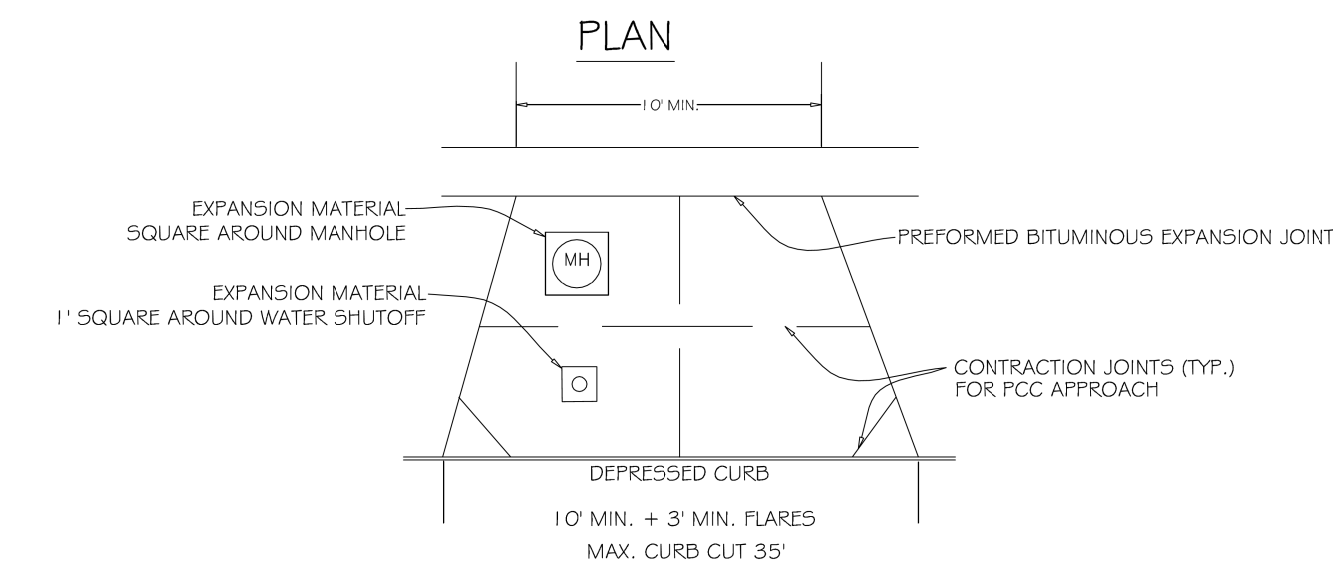


GENERAL NOTES:

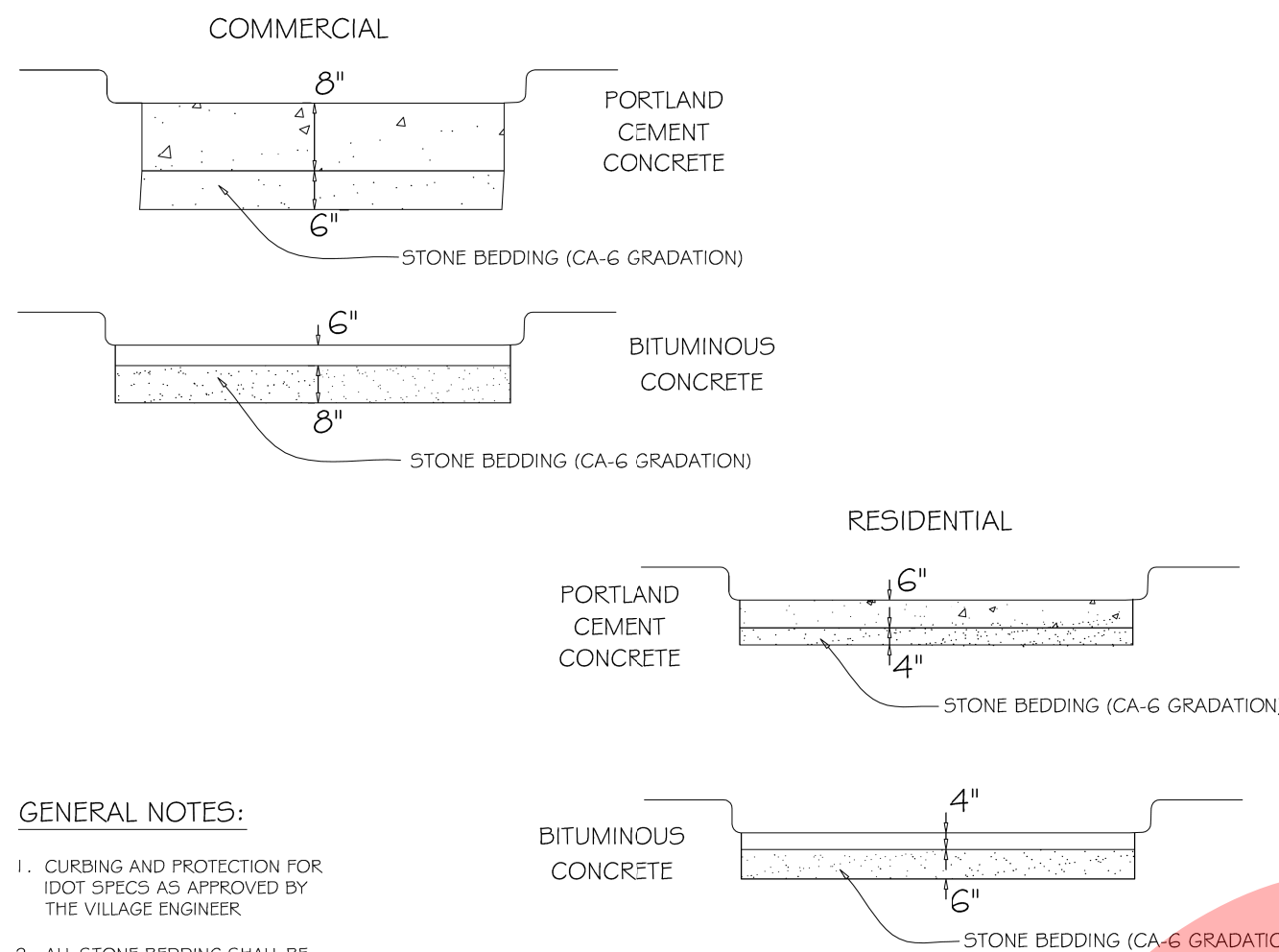
- CONTRACTION JOINTS SHALL BE PLACED BETWEEN EXPANSION JOINTS AT 15' INTERVALS.
- EXPANSION JOINTS ARE TO BE PLACED AT 60' INTERVALS. 2-#6 X 18" REBAR TO BE PLACED AT ALL EXPANSION JOINTS.

NOT TO SCALE

REV: RMS	DATE: JUL 2004	COMBINATION CONCRETE CURB AND GUTTER	VILLAGE OF VILLA PARK ROAD - 02
REV: VV	DATE: JAN 2003		



PROFILE

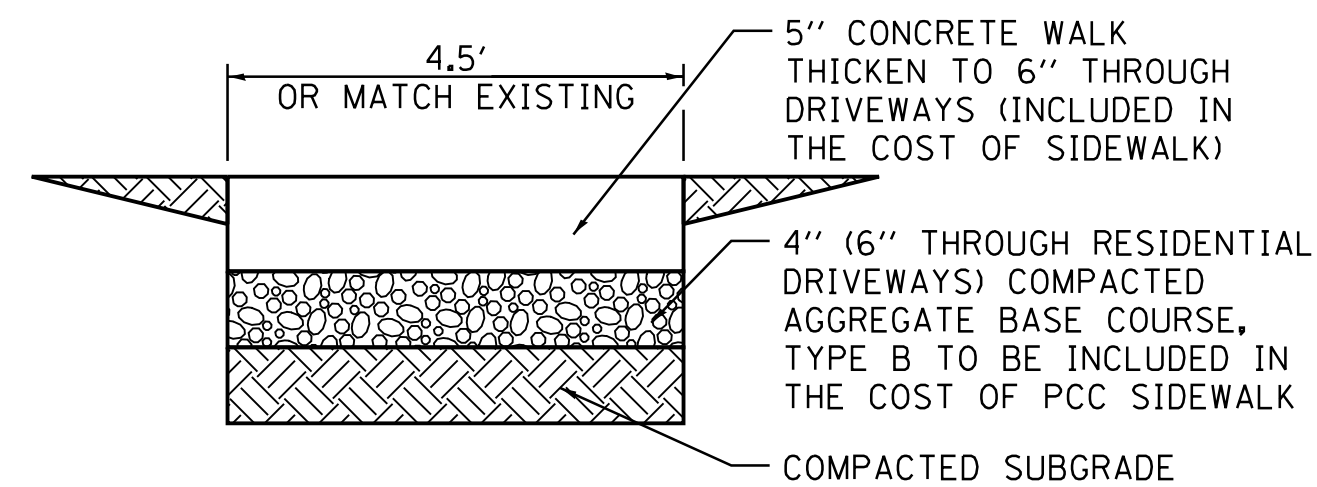


GENERAL NOTES:

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

NOT TO SCALE

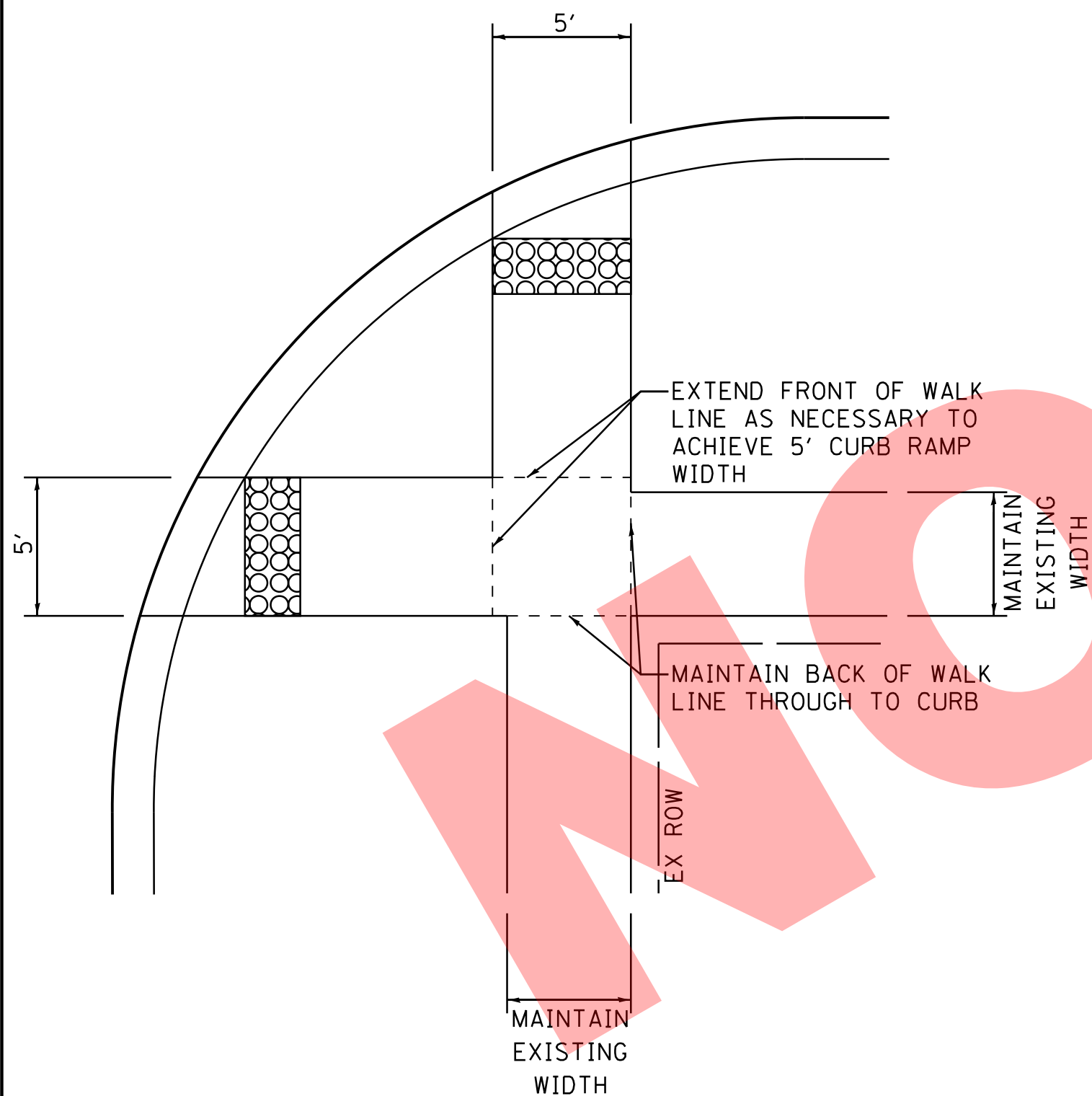
REV: RMS	DATE: 11/13/2007	TYPICAL DRIVEWAY APPROACH	VILLAGE OF VILLA PARK STREET - 03
REV: RMS	DATE: JUL 2004		
REV: VV	DATE: JAN 2003		



NOTE:
PROVIDE FIBER EXPANSION JOINTS WHERE NEW SIDEWALK MEETS EXISTING AND @ 50' O.C. MAX. AND PROVIDED CONTROL JOINTS @ 5' O.C.

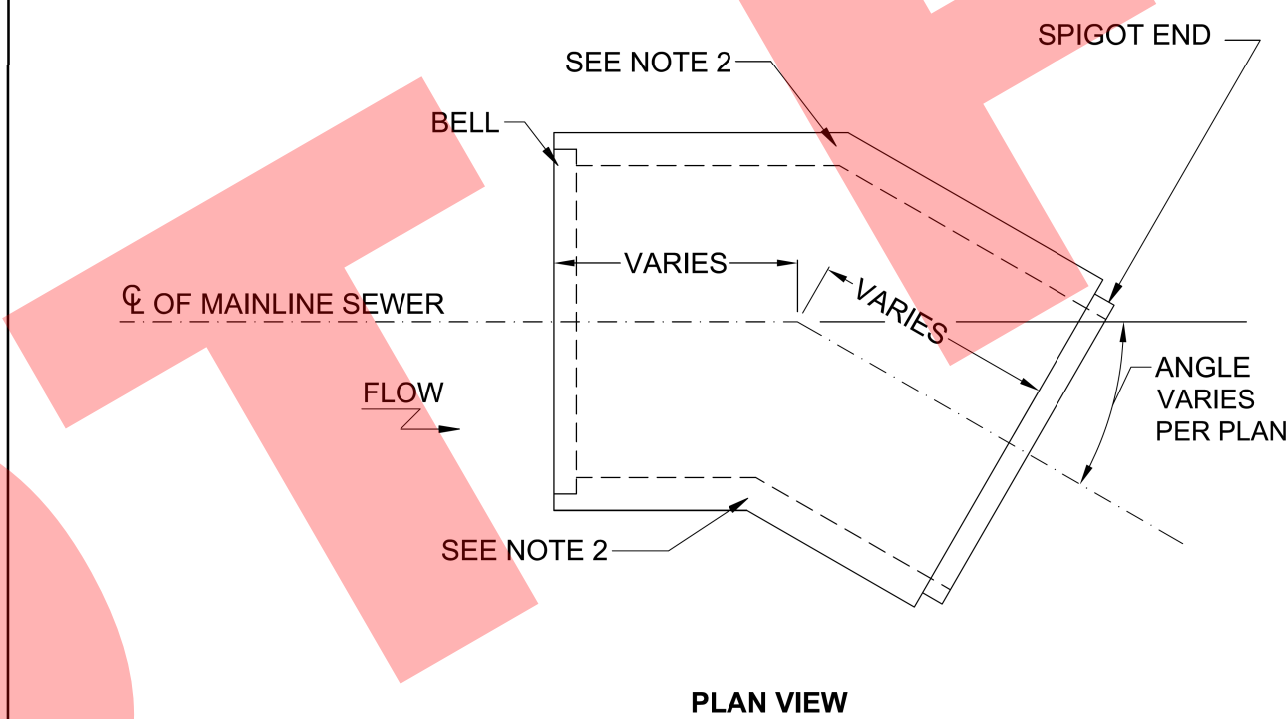
P.C.C. SIDEWALK - 5"
NTS

REV: RMS	DATE: JUL 2004		VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003		



SIDEWALK DETAIL

NTS

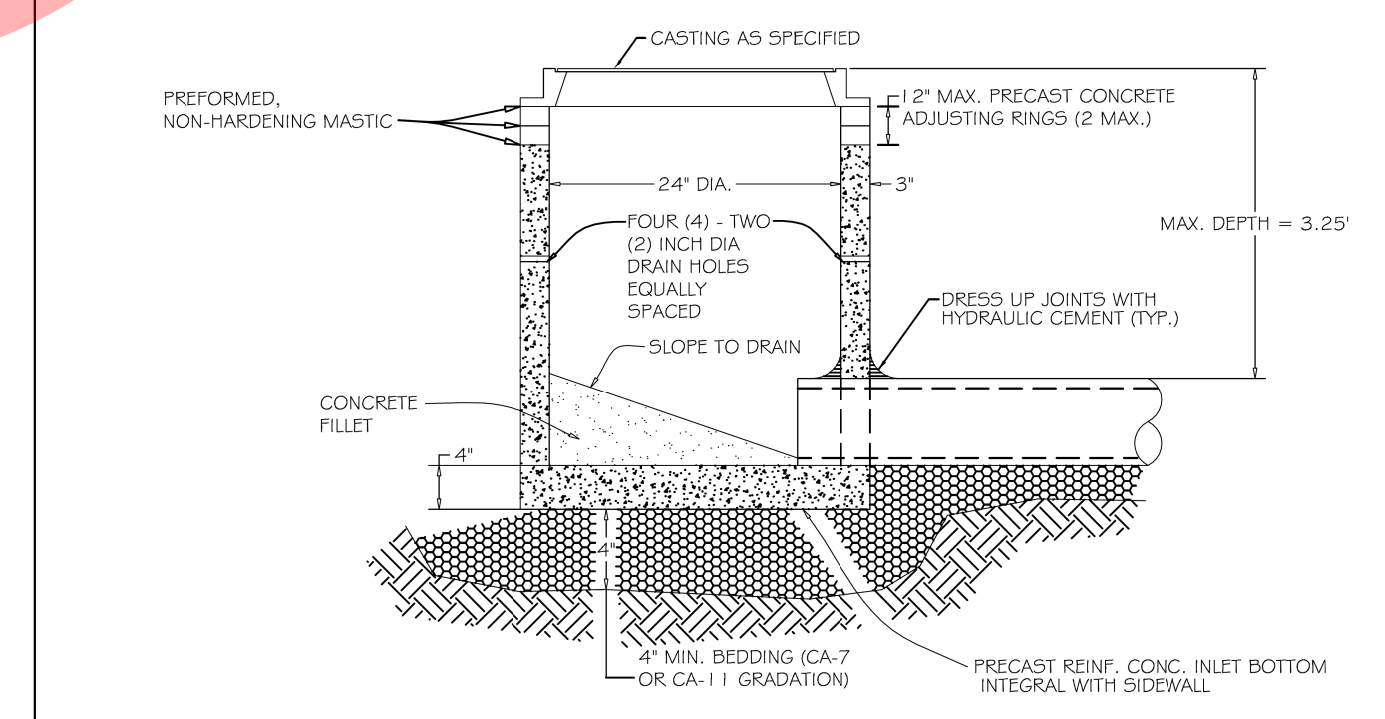


NOTES

- REINFORCED CONCRETE CIRCULAR PIPE TO BE MANUFACTURED IN ACCORDANCE WITH ASTM C-507 OF CLASS SHOWN IN PLANS.

REINFORCED CONCRETE CIRCULAR PIPE BENDS

CONCRETE SPECIALTIES	780 S. MATERIAL ROAD ROMEDEVILLE, IL. 60446 PH: (815) 834-0320 FAX: (815) 838-9275	DRN BY: PB	DATE: 02/20/17	DWG NO.	REV
		CHKD BY:	DATE:	SCALE: NTS	SHEET OF

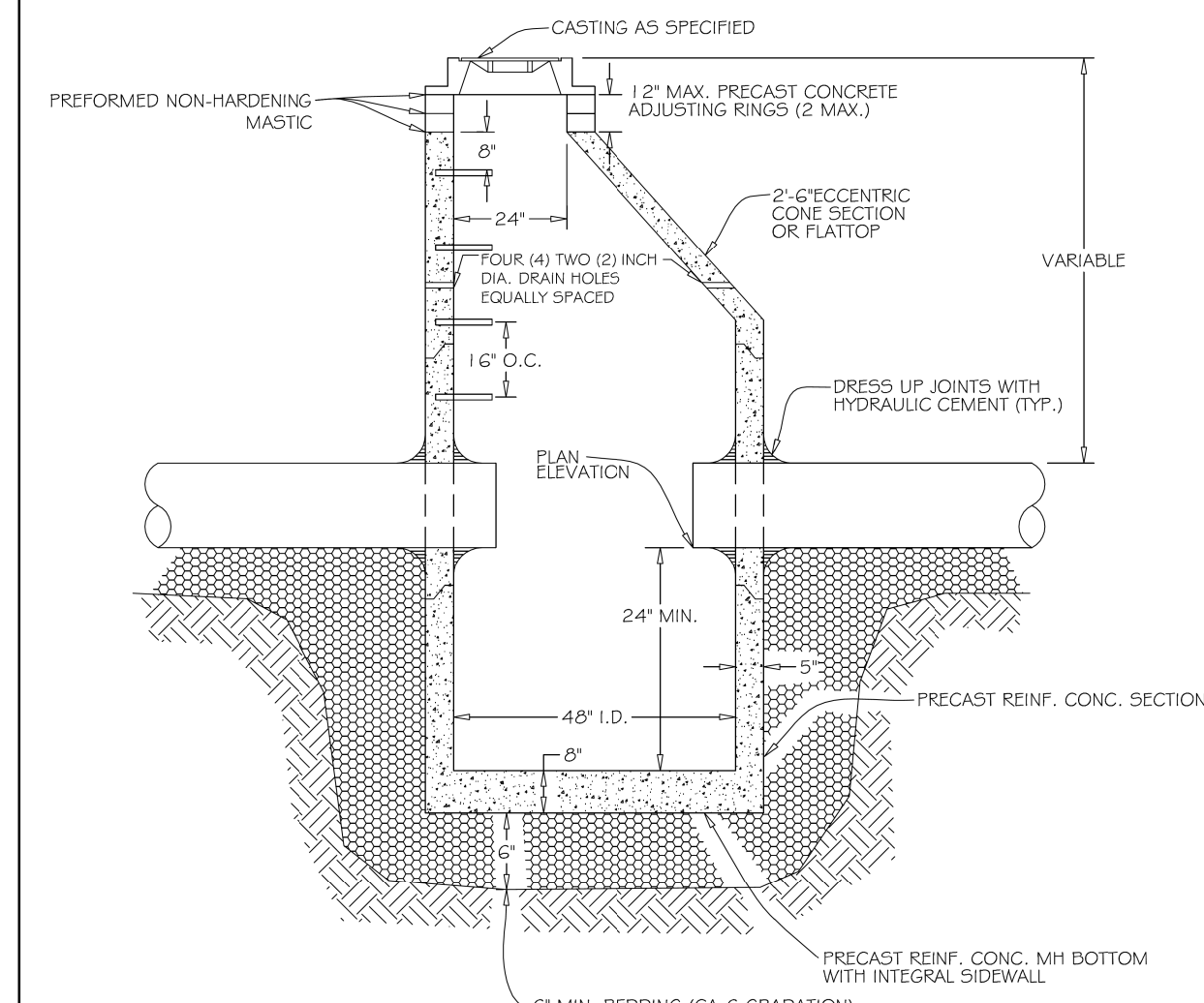


GENERAL NOTES:

- PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTION. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
- PROVIDE GRANULAR BACKFILL AROUND INLET TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR COARSE AGGREGATE (CA-6 GRADATION).
- WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MAXIMUM OF TWO PRECAST CONCRETE RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. THE RING(S) AND FRAME SHALL BE SET IN A BED OF PREFORMED NON-HARDENING MASTIC (RUB-R-NEK, E2 STICK OR APPROVED EQUAL).
- PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
- MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME.
- IN PAVED AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
- IN GRASSSED AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

NOT TO SCALE

REV: RMS	DATE: JUL 2004	INLET TYPE "A"	VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003		

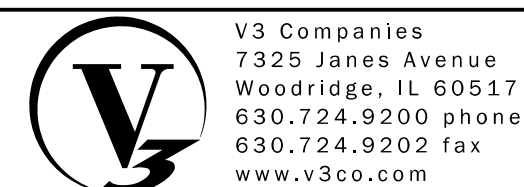


GENERAL NOTES:

- PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTIONS. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
- PROVIDE GRANULAR BACKFILL AROUND CATCHBASIN TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR COARSE AGGREGATE (CA-6 GRADATION).
- APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMED BITUMINOUS MASTIC MATERIAL (RUB-R-NEK OR E2 STICK) TO EACH JOINT TO PREVENT INFLOW.
- WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MAXIMUM OF TWO PRECAST CONCRETE RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. THE RING(S) AND FRAME SHALL BE SET IN A BED OF PREFORMED NON-HARDENING MASTIC (RUB-R-NEK, E2 STICK OR APPROVED EQUAL).
- PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
- MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME.
- ONLY PLASTIC POLYMER STEPS SHALL BE USED.
- WHEN CATCHBASIN DEPTH IS OVER 12 FEET, THE THICKNESS OF THE PRECAST, REINFORCED CONCRETE BASE SHALL BE A MINIMUM OF 10 INCHES. WHEN CATCHBASIN DEPTH IS LESS THAN 12 FEET, THE THICKNESS SHALL BE A MINIMUM OF 8 INCHES.
- DRESS UP INTERIOR JOINTS OF PRECAST CATCHBASIN AND OPENINGS AROUND THE PIPES WITH HYDRAULIC CEMENT.
- IN PAVED AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
- IN GRASSSED AREAS, DRAIN HOLES/SWEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

NOT TO SCALE

REV: RMS	DATE: JUL 2004	CATCH BASIN TYPE "A"	VILLAGE OF VILLA PARK
REV: VV	DATE: JAN 2003		



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = sjandick
DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

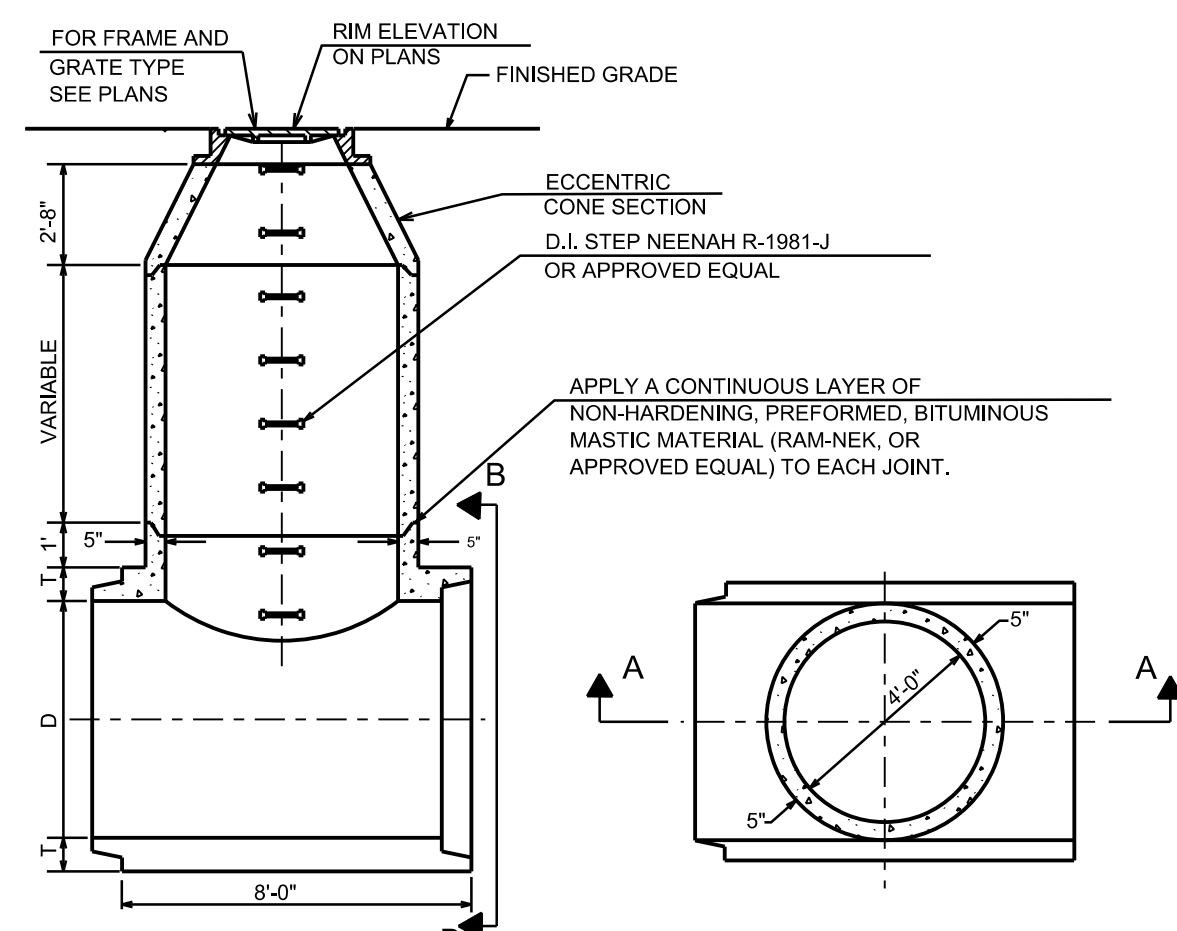
REVISED -
REVISED -
REVISED -
REVISED -

2018 SOUTH MICHIGAN AVENUE IMPROVEMENT PROJECT (JACKSON TO MADISON) VILLAGE OF VILLA PARK, ILLINOIS

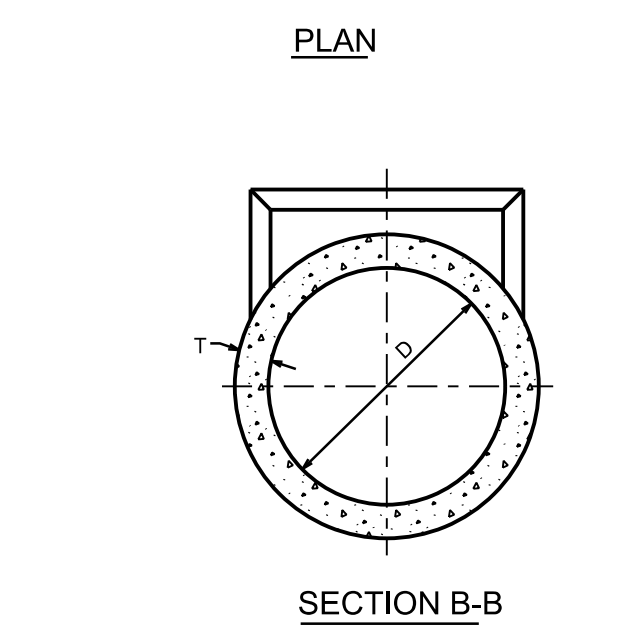
CONSTRUCTION DETAILS

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

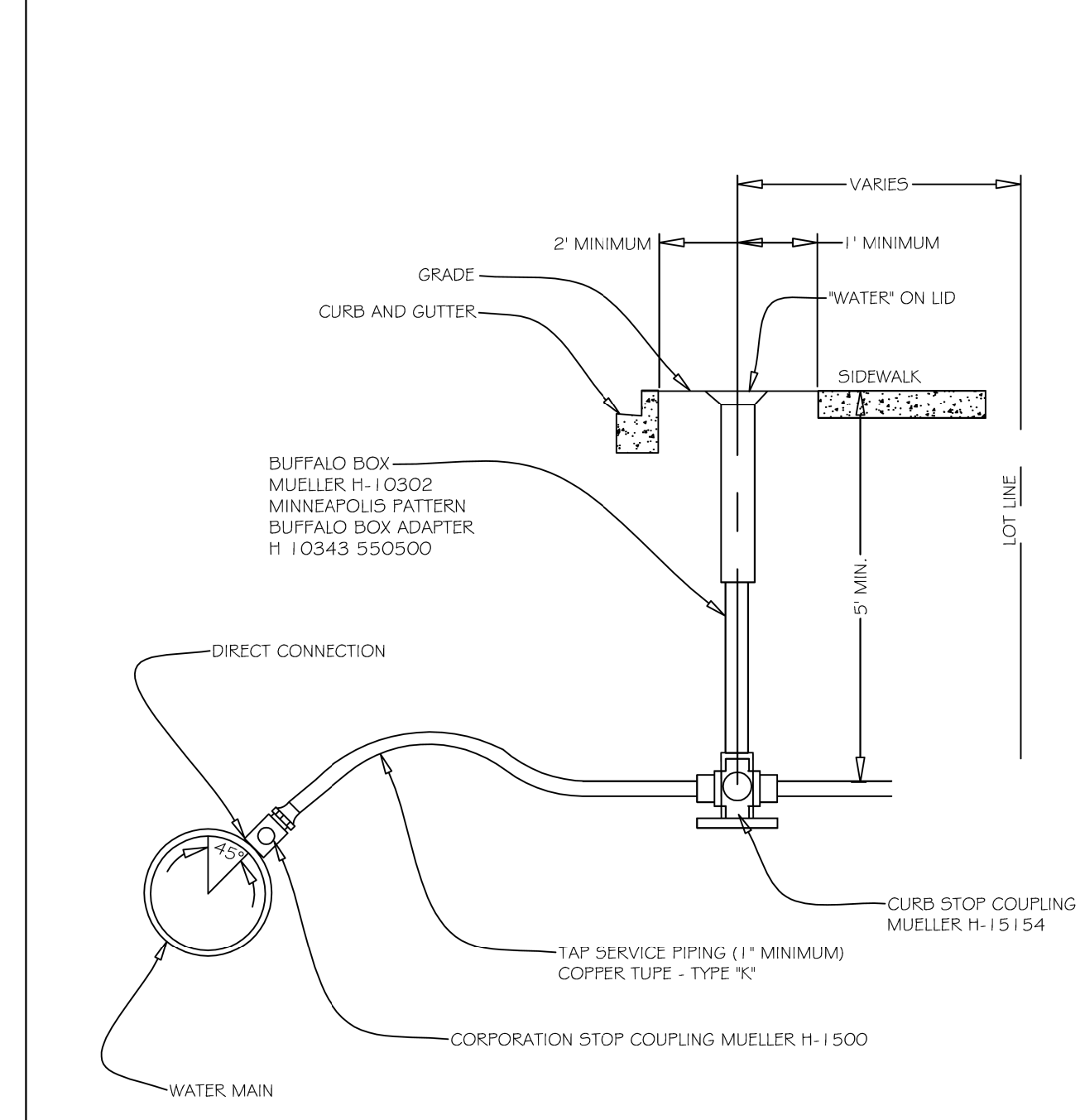
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE	34	24
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



THICKNESS OF SHELL OF PIPE "T"	DIAMETER OF PIPE "D"
6 1/4"	54"
6 3/4"	60"
7 1/4"	66"
7 3/4"	72"
8 1/4"	78"

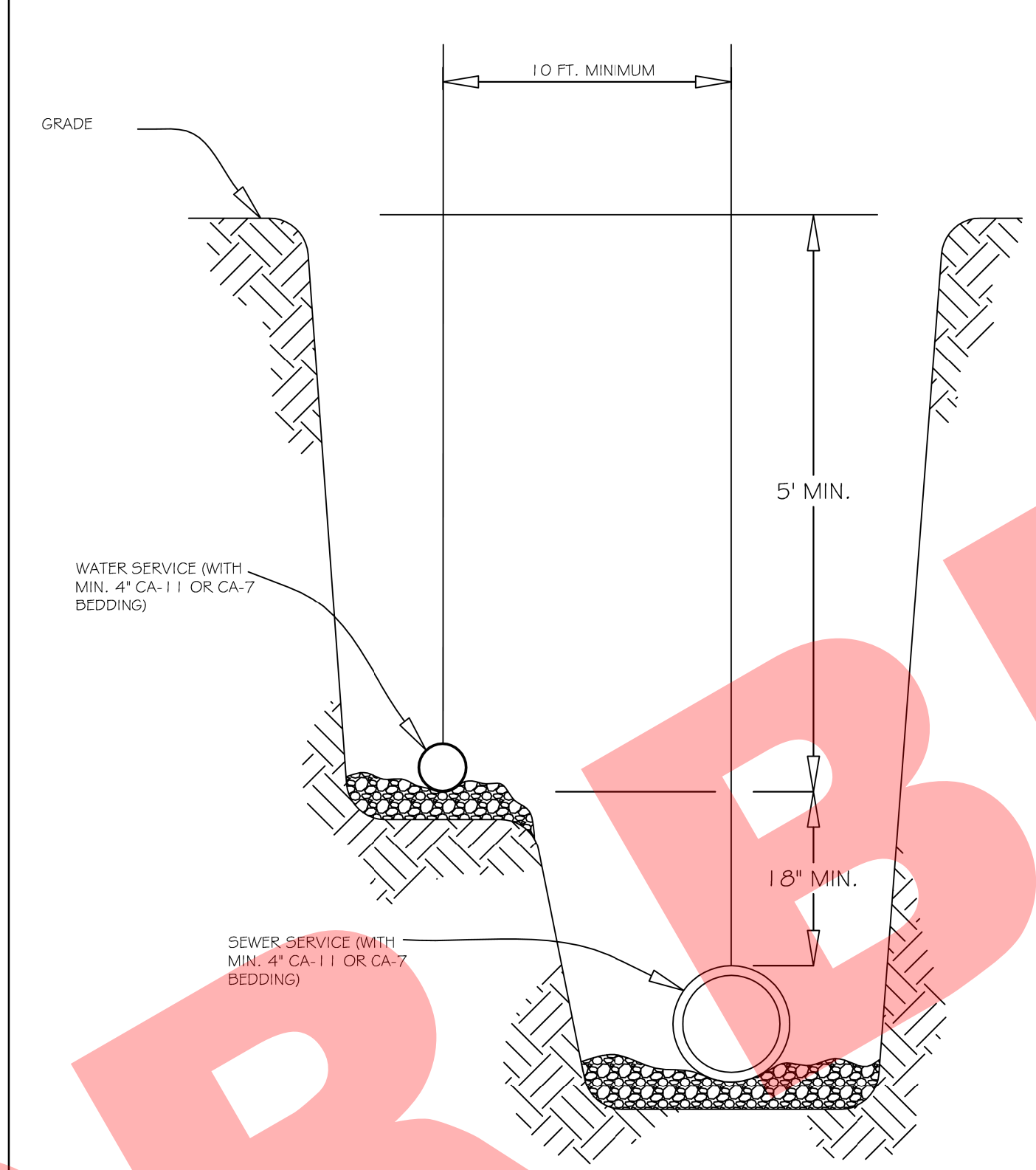


TEE SECTION MANHOLE



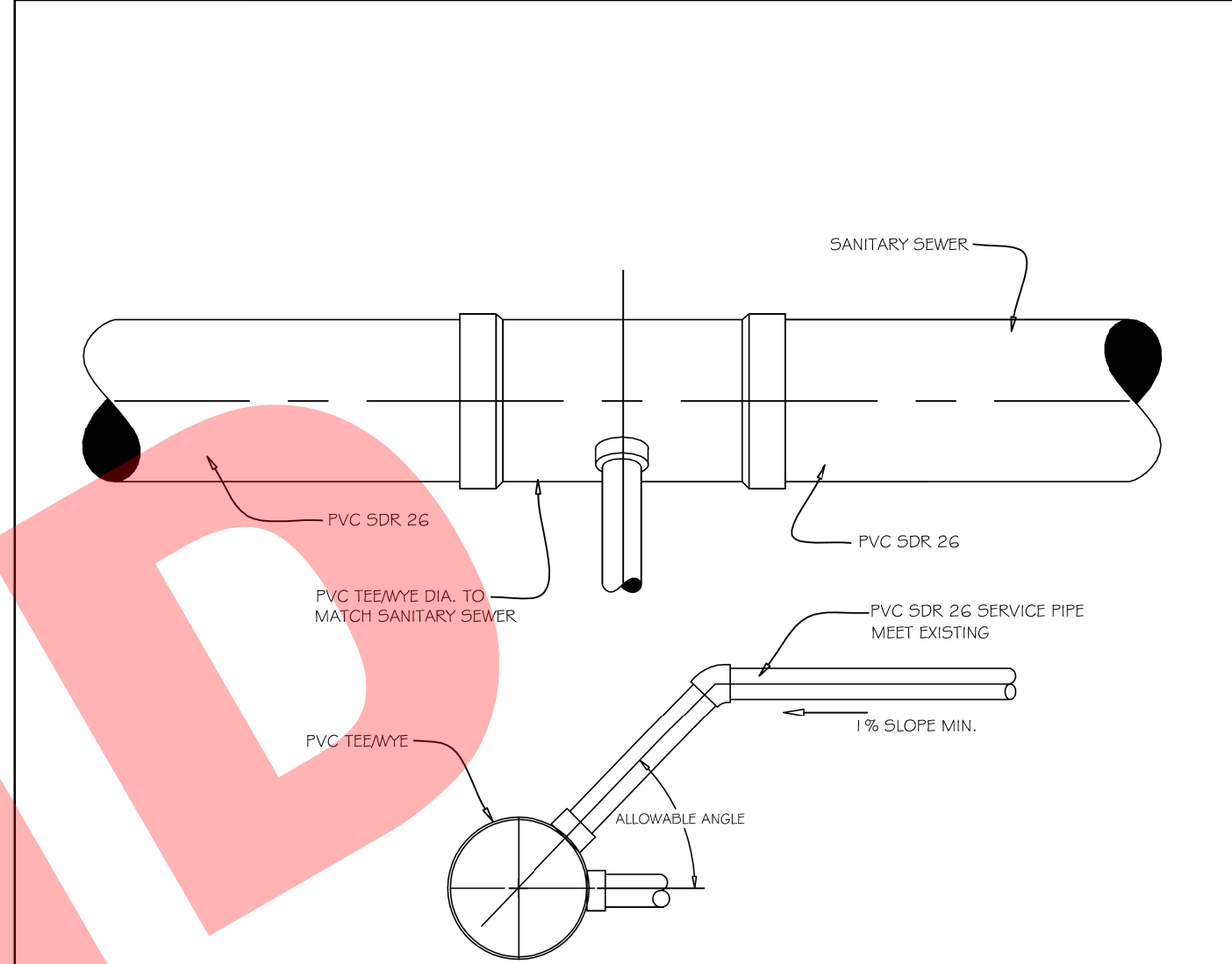
- GENERAL NOTES:
- CURB STOP MUST BE INSTALLED 2 (TWO) FEET MINIMUM FROM THE BACK OF CURB AND 1 (ONE) FOOT FROM THE EDGE OF SIDEWALK.
 - CURB STOP MUST BE INSTALLED PERPENDICULAR TO BUILDING

TYPICAL WATER TAP VILLAGE OF VILLA PARK WATER - 12



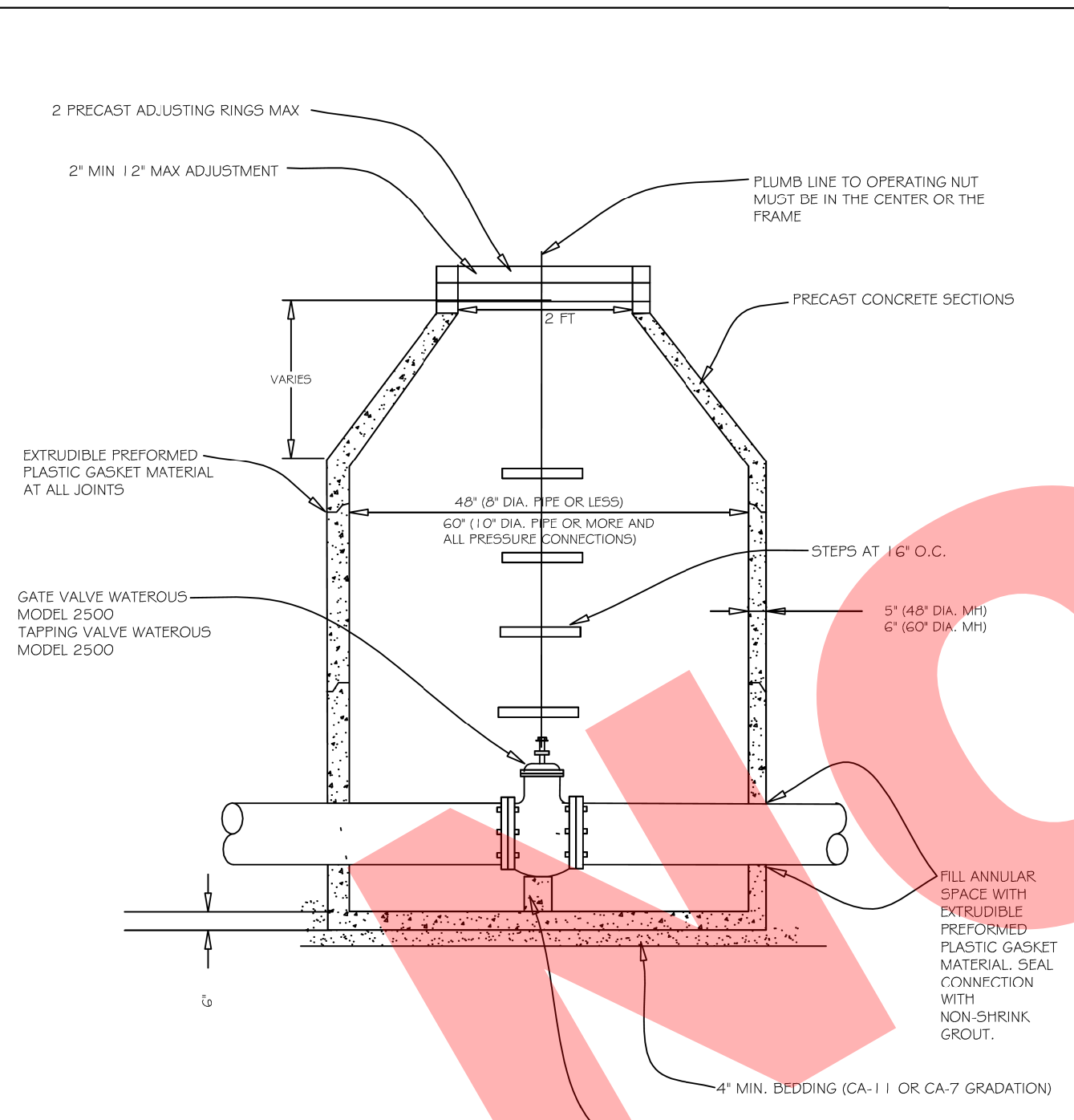
- GENERAL NOTES:
- COMMON TRENCH PER ILLINOIS PLUMBING CODE

WATER AND SEWER SERVICE SEPARATION VILLAGE OF VILLA PARK WATER - 13



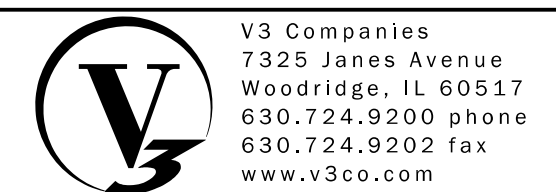
- GENERAL NOTES:
- TEE/WYE CAN BE INSTALLED ONLY DURING NEW SEWER INSTALLATION
 - CONTRACTOR MAY USE A TEE OR A WYE AT HIS OPTION

SANITARY TEE / WYE VILLAGE OF VILLA PARK SANITARY - 10



- GENERAL NOTES:
- ALL BELOW GRADE FASTENERS TO BE STAINLESS STEEL:
 - BOLTS AND THREADED RODS - GRADE #304
 - NUTS AND WASHERS - GRADE #300
 - FRAME AND LID:
 - NEENAH R-1015-2000 FRAME
 - NEENAH R-1015-2001 SELF SEALING LID
 "WATER" TO BE CAST INTO COVER

WATER VALVE IN VAULT VILLAGE OF VILLA PARK WATER - 14

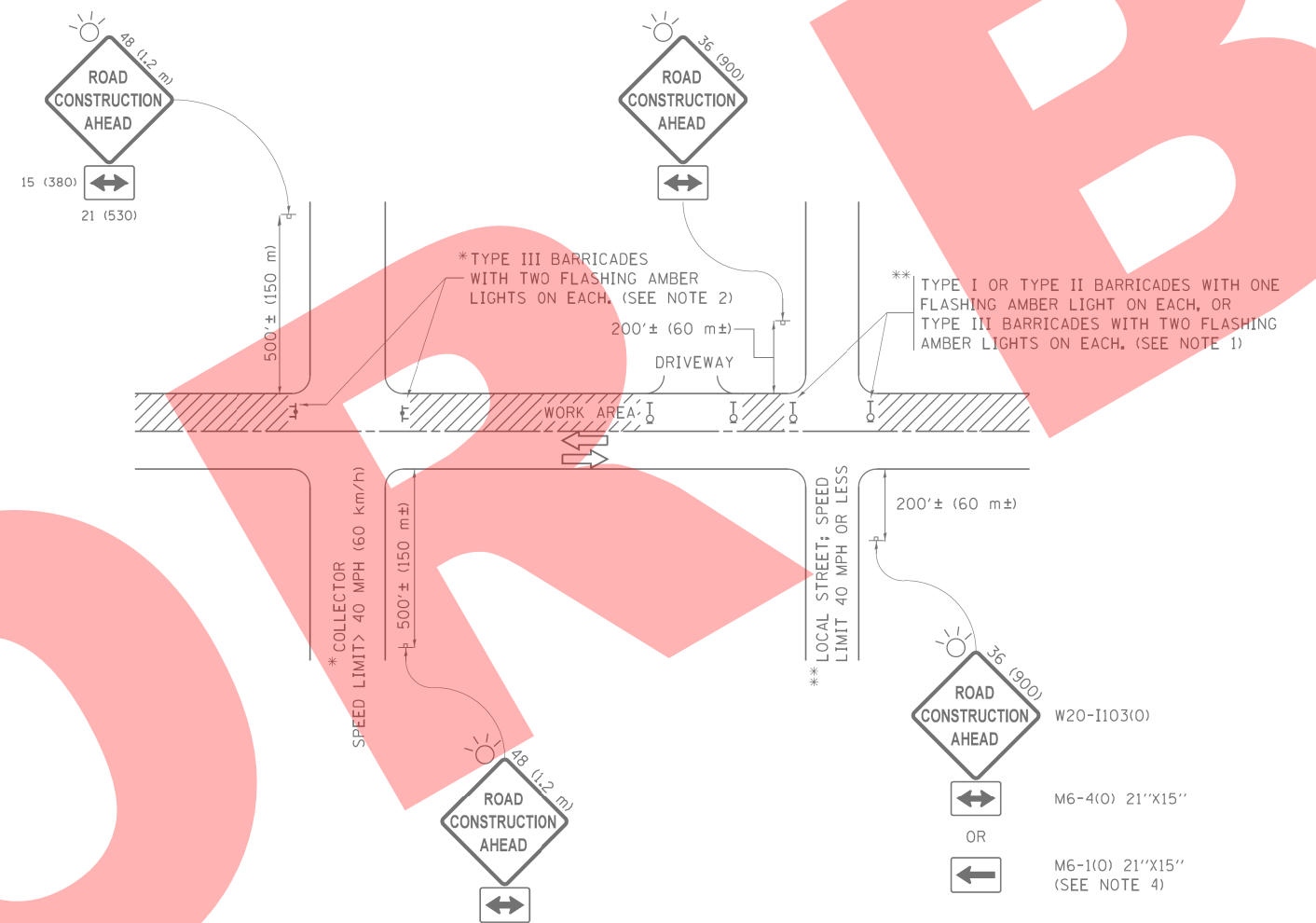


USER NAME = sjandick	DESIGNED - SJJ	REVISED -
PLOT SCALE = 1:8000' / 1"	DRAWN - DRP	REVISED -
PLOT DATE = 9/22/2017	CHECKED - MJR	REVISED -
	DATE - 09-22-2017	REVISED -

2018 SOUTH MICHIGAN AVENUE IMPROVEMENT PROJECT (JACKSON TO MADISON) VILLAGE OF VILLA PARK, ILLINOIS

SCALE: NTS	SHEET 2 OF 2 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	25
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



NOTES:

- 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:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- 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).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

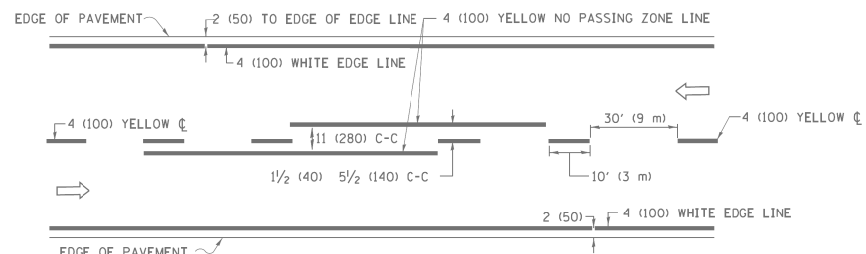
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			REVISED - T. RAMMACHER 01-06-00
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Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

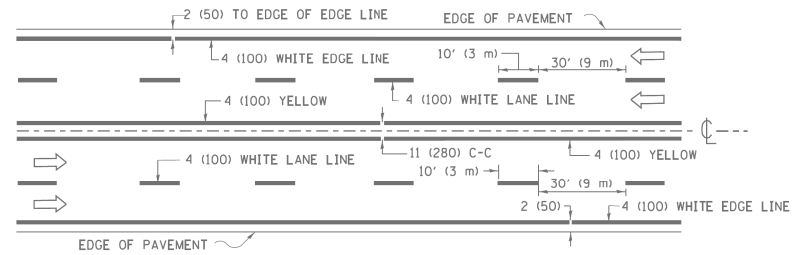
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

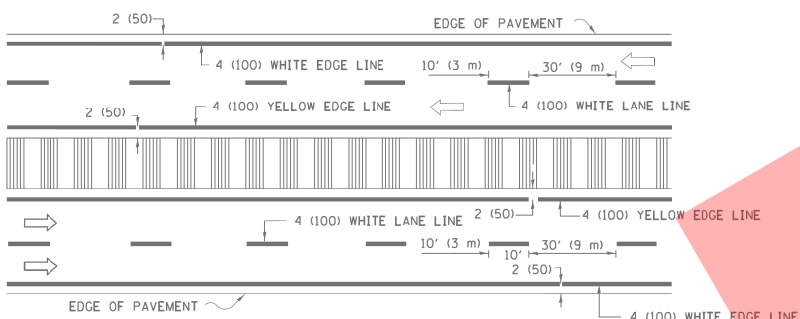
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	26
TC-10			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

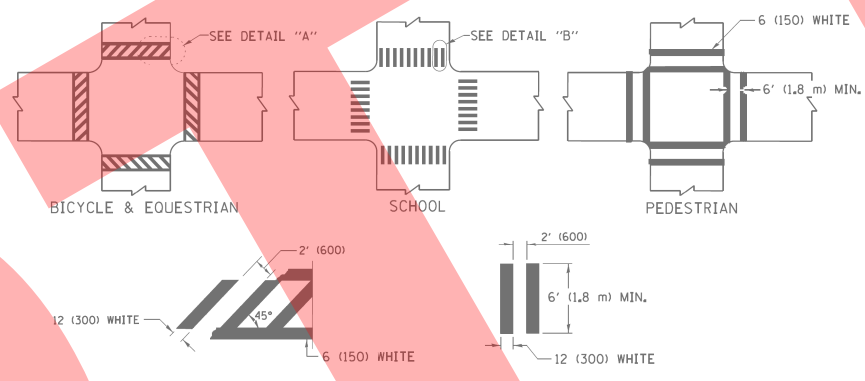


MULTI-LANE UNDIVIDED



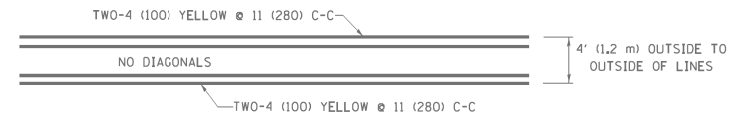
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

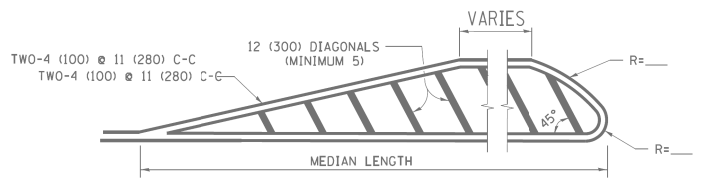


TYPICAL CROSSWALK MARKING

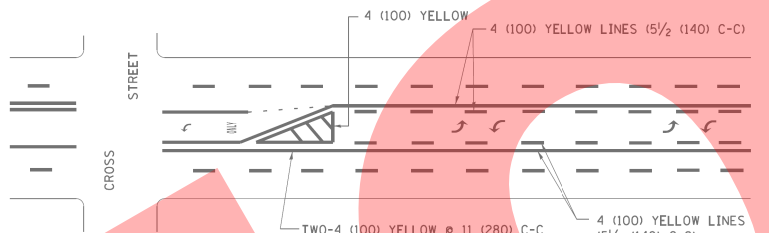
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



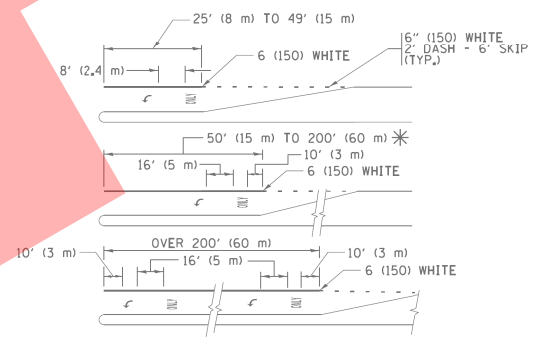
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

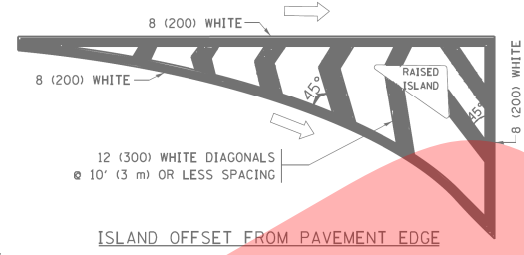


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

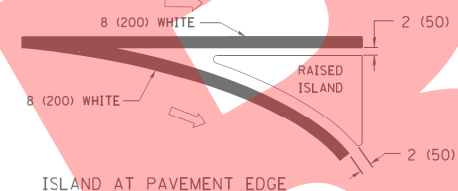


TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING

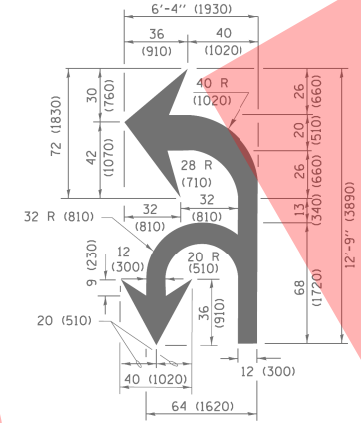
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



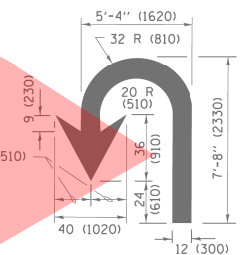
ISLAND OFFSET FROM PAVEMENT EDGE



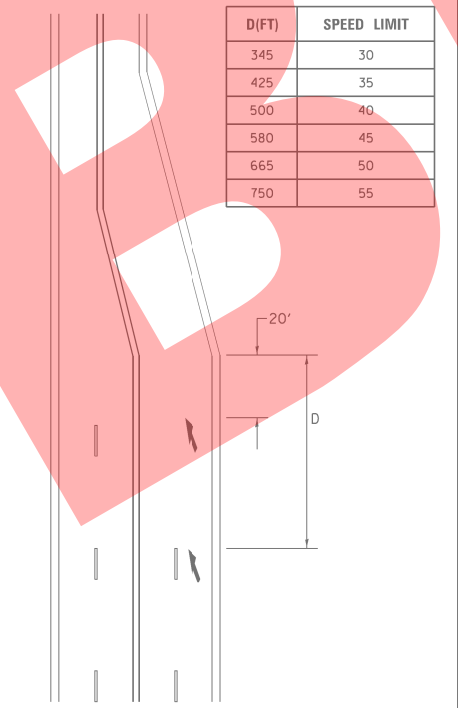
ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (22.5 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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	PLOT DATE = 6/23/2017	CHECKED -	REVISED - C. JUCIUS 12-21-15
		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

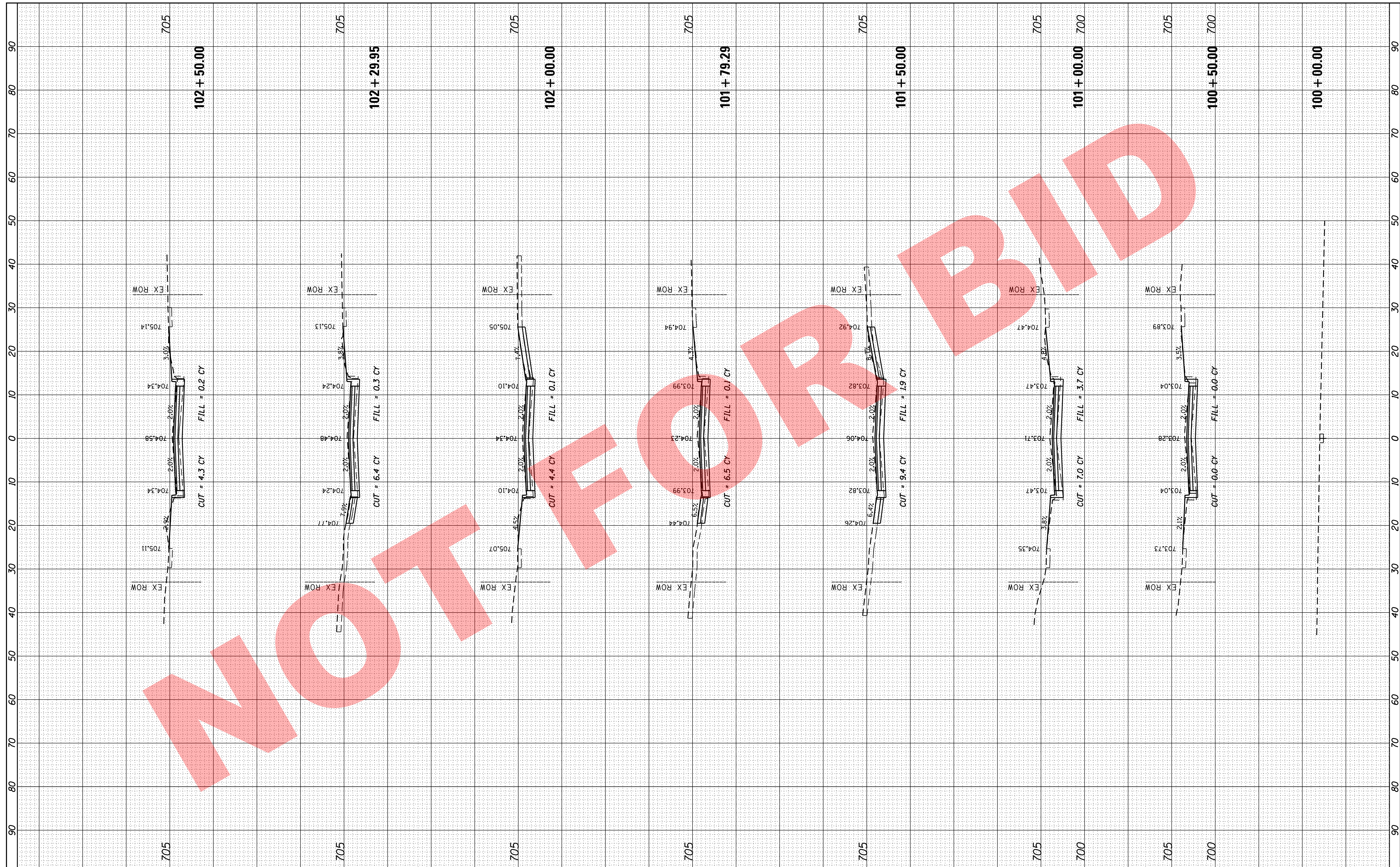
DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

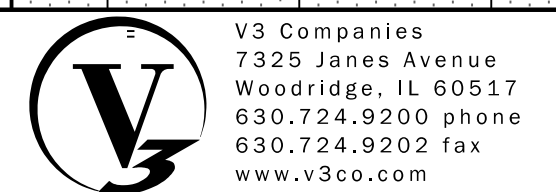
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-13		34	27
ILLINOIS FED. AID PROJECT			CONTRACT NO.	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



NOT FOR BIDD



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = sjendick
DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

REVISIONS
REVISOR
DATE

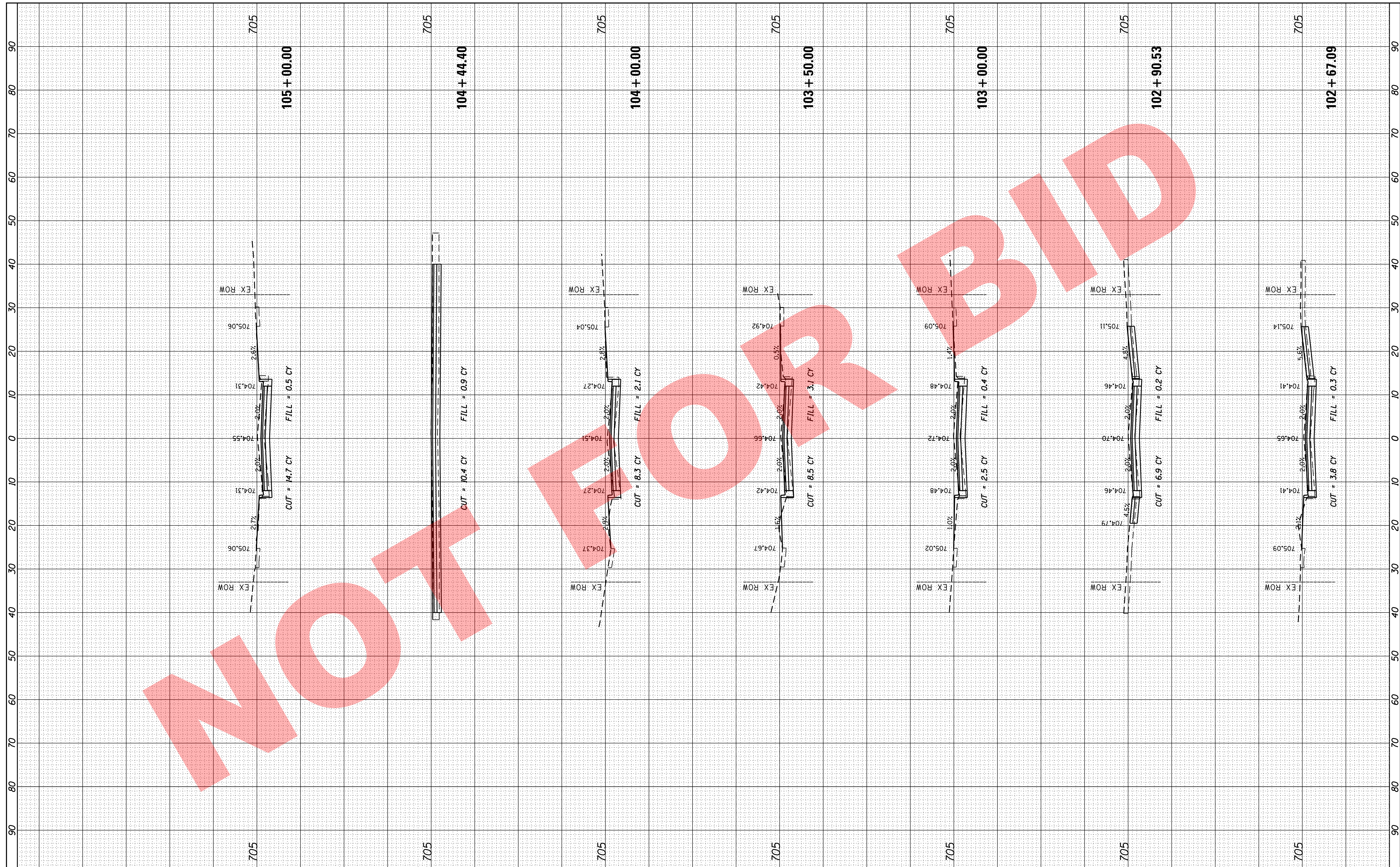
**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

CROSS SECTIONS
SCALE: 1" = 10'
SHEET 1 OF 7 SHEETS
STA. 100+00.00 TO STA. 102+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	28
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



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7325 Janes Avenue
Woodridge, IL 60517
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630.724.9202 fax
www.v3co.com

USER NAME =	sjendick
DESIGNED -	SJJ
DRAWN -	DRP
CHECKED -	MJR
DATE -	09-22-2017
PLOT SCALE =	10.0000' / in.
PLOT DATE =	9/22/2017

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

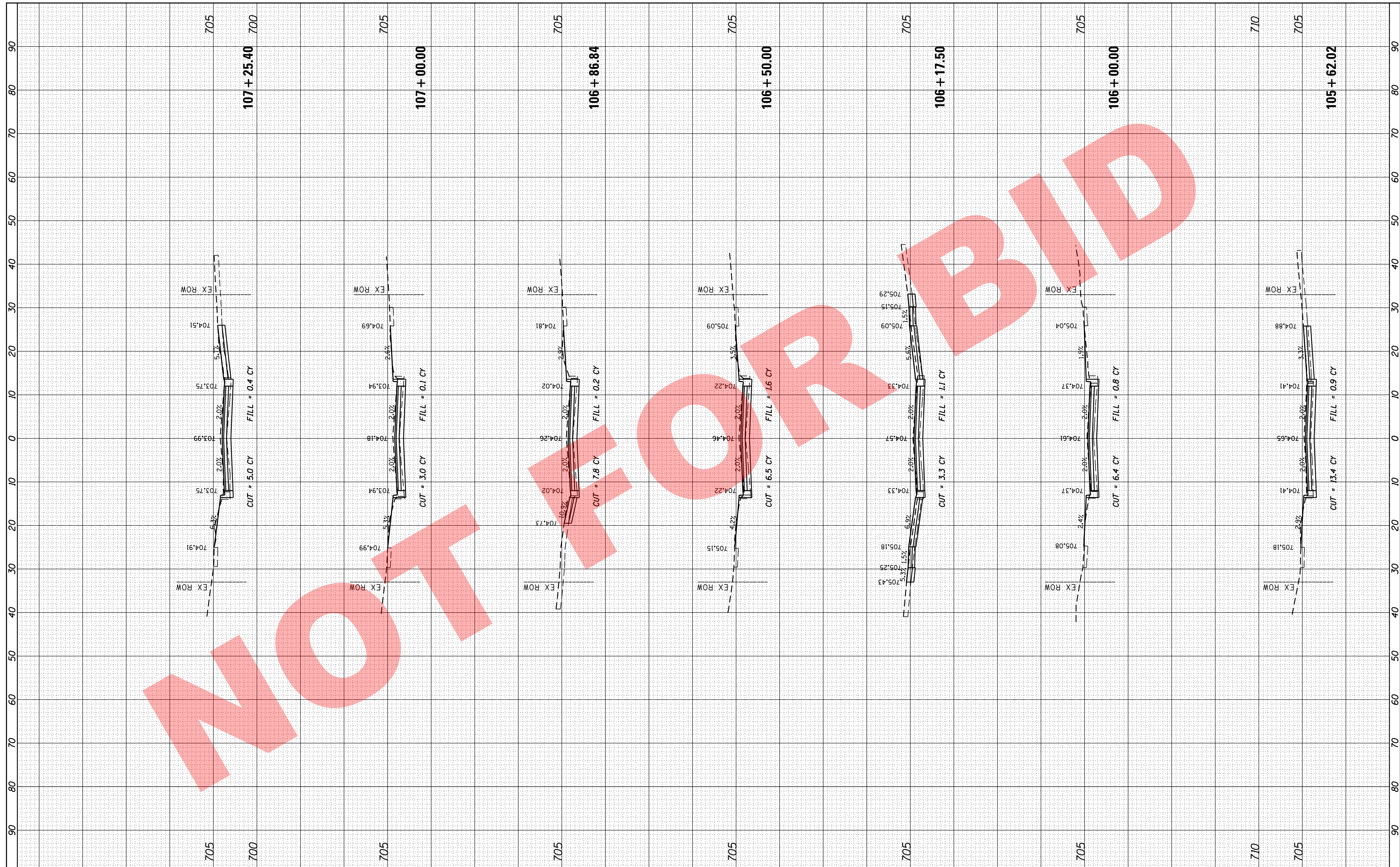
SCALE: 1" = 10'	SHEET 2 OF 7 SHEETS	STA. 102+67.09 TO STA. 105+00.00
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CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	29
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = sjendick
PLOT SCALE = 10.0000' / 1"
PLOT DATE = 9/22/2017

DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

REVISED -
REVISED -
REVISED -
REVISED -

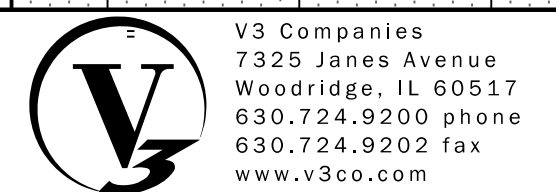
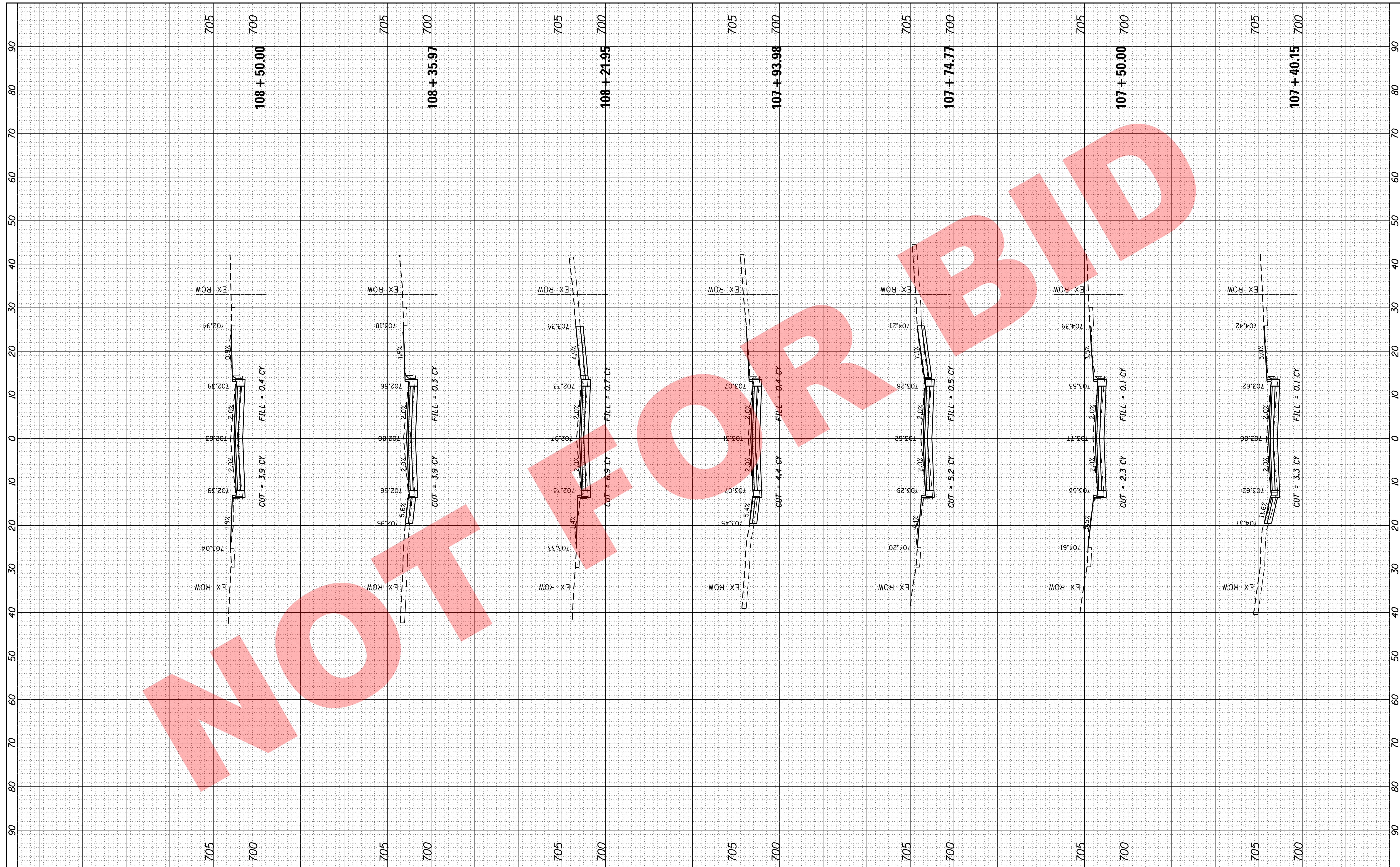
**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

CROSS SECTIONS
SCALE: 1" = 10'
SHEET 3 OF 7 SHEETS
STA. 105+62.02 TO STA. 107+25.40

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	30
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		



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USER NAME = sjendick
DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

REVISED -
REVISED -
REVISED -
REVISED -

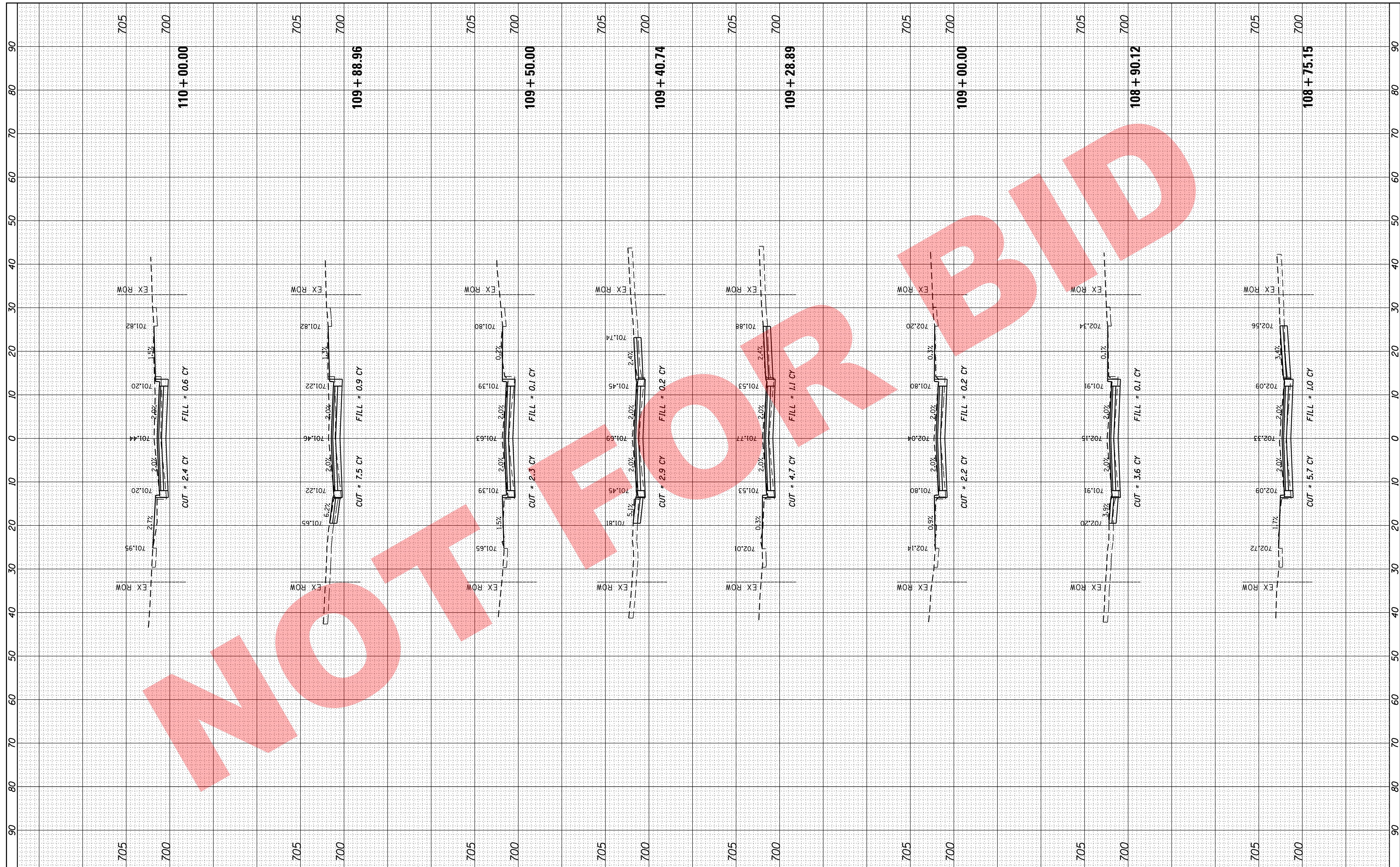
**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

CROSS SECTIONS
SCALE: 1" = 10'
SHEET 4 OF 7 SHEETS
STA. 107+40.15 TO STA. 108+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	31
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



V3 Companies
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Woodridge, IL 60517
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630.724.9202 fax
www.v3co.com

USER NAME =	sjandick
DESIGNED -	SJJ
DRAWN -	DRP
CHECKED -	MJR
DATE -	09-22-2017
PLLOT SCALE =	10.0000' / in.
PLLOT DATE =	9/22/2017

REVISED -	
REVISED -	
REVISED -	
REVISED -	

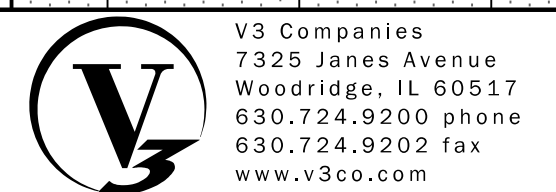
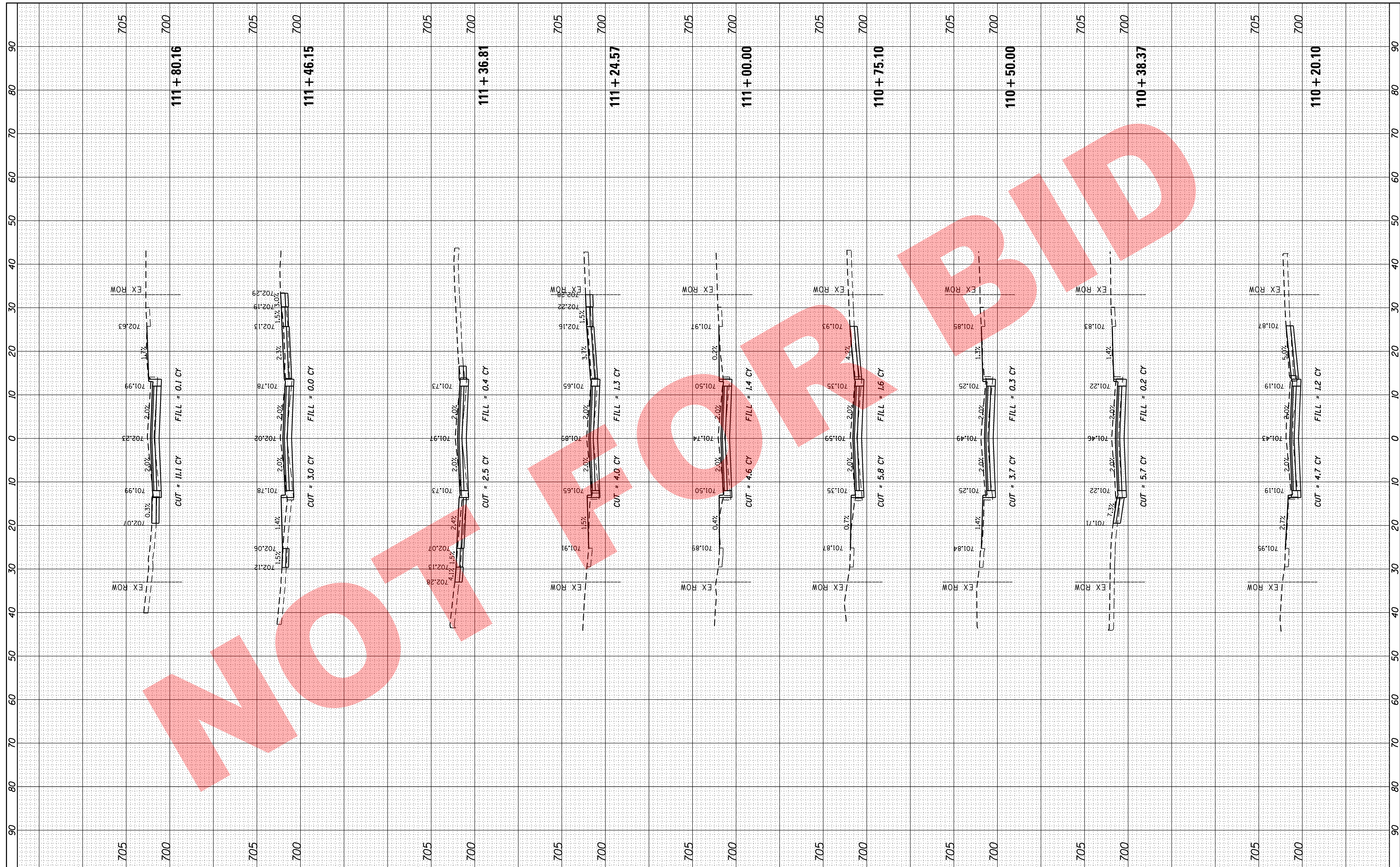
**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

CROSS SECTIONS
SCALE: 1" = 10'
SHEET 5 OF 7 SHEETS
STA. 108+75.15 TO STA. 110+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	32
			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		



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USER NAME = sjandick
DESIGNED - SJJ
DRAWN - DRP
CHECKED - MJR
DATE - 09-22-2017

REVISED -
REVISED -
REVISED -
REVISED -

**2018 SOUTH MICHIGAN AVENUE
IMPROVEMENT PROJECT (JACKSON TO MADISON)
VILLAGE OF VILLA PARK, ILLINOIS**

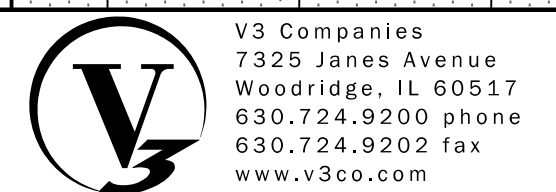
CROSS SECTIONS
SCALE: 1" = 10'
SHEET 6 OF 7 SHEETS
STA. 110+20.10 TO STA. 111+80.16

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	33
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

NOT FOR BID



USER NAME = sjandick
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 9/22/2017

DESIGNED - SJJ
 DRAWN - DRP
 CHECKED - MJR
 DATE - 09-22-2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**2018 SOUTH MICHIGAN AVENUE
 IMPROVEMENT PROJECT (JACKSON TO MADISON)
 VILLAGE OF VILLA PARK, ILLINOIS**

CROSS SECTIONS
 SCALE: 1" = 10'
 SHEET 7 OF 7 SHEETS
 STA. 112+00.00 TO STA. 113+19.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			34	34
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				