04-26-2019 LETTING ITEM 141

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	1
	ILLINOIS	CONTRACT NO. 61F75		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. ROUTE 1239 (ROCKLAND ROAD)
IL ROUTE 21 (MILWAUKEE AVENUE) TO DES PLAINES RIVER
RECONSTRUCTION, DRAINAGE, WATER MAIN, PAVEMENT MARKING
SECTION: 16-00116-00-PV
PROJECT: DLJV(387)
VILLAGE OF LIBERTYVILLE
LAKE COUNTY
C-91-302-16

LOCATION OF SECTION INDICATED THUS: –■–

TRAFFIC DATA

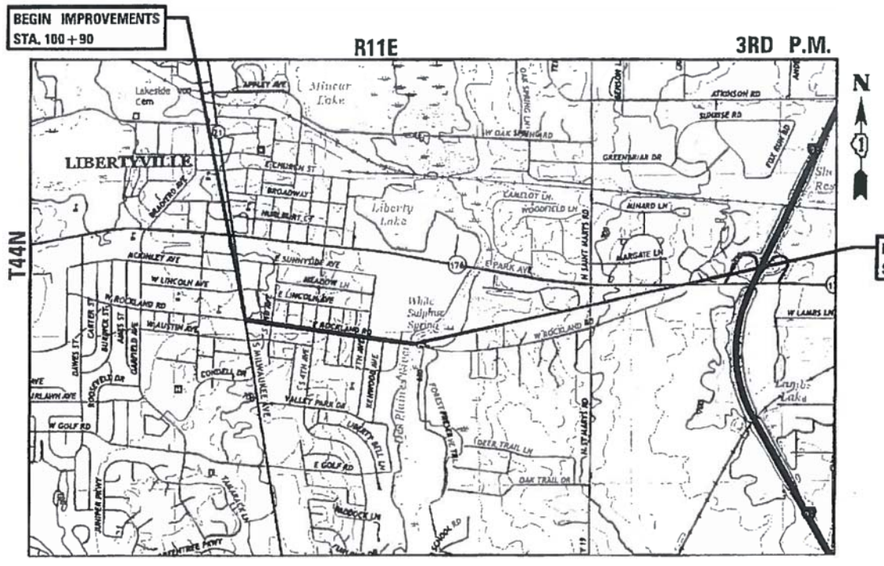
ROCKLAND ROAD

DESIGN SPEED – 30 MPH

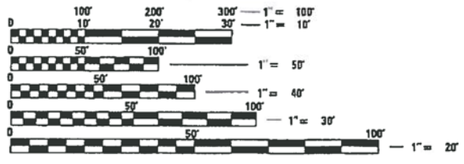
POSTED SPEED – 25 MPH

HIGHWAY CLASSIFICATION

MAJOR COLLECTOR (2016 ADT = 5,900) (2040 ADT = 6,100)



LOCATION MAP
(NOT TO SCALE)



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

CONTRACT NO. 61F75

LIBERTYVILLE TOWNSHIP

ROCKLAND ROAD (IL ROUTE 21 TO DES PLAINES RIVER) = 3,450 FT. (0.65 MILES)
GROSS AND NET LENGTH = 3,450 FT. (0.65 MILES)

DEREK N. MALL
062-051308
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS

SIGNED Derek N. Mall
DATE 1/14/19
EXPIRES 11-30-2019

CIVILTECH ENGINEERING, INC.
184-000826
ILLINOIS
CORPORATION

PLANS PREPARED BY:

CIVILTECH
Two Pierce Place, Suite 1400 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975
www.civiltechinc.com

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED January 14 2019
VILLAGE OF LIBERTYVILLE, DIRECTOR OF PUBLIC WORKS

PASSED 2/6/ 2019
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW FEBRUARY 6 2019
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM DESIGN ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED APRIL 1, 2016; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2019; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD); THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", 7TH EDITION, 2014; THE LATEST EDITION OF THE "ILLINOIS URBAN MANUAL"; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.

2. ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.

3. ALL UTILITY COMPANIES, SCHOOL DISTRICTS, AND LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.

STAKING

1. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

2. THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

3. PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.

4. THE CONSTRUCTION BASELINE HAS BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT-OF-WAY.

SEWER

1. TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED.

2. DRAINAGE STRUCTURE FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE ROAD. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.

3. THE PAY ITEMS "ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS" AND "ADJUSTING SANITARY SEWERS, OVER 8-INCH DIAMETER" SHALL ONLY BE USED WHEN APPROVED BY THE ENGINEER. THESE ITEMS SHALL NOT BE USED TO ADJUST PROPOSED SANITARY SEWERS, BUT SHALL BE USED ONLY TO ADJUST EXISTING SANITARY SEWERS THAT ARE IN CONFLICT WITH THE PROPOSED UTILITY INSTALLATIONS.

WATERMAIN

1. THE CONTRACTOR SHALL GIVE THE VILLAGE A MINIMUM OF 48 HOURS NOTICE PRIOR TO BEGINNING ANY WATERMAIN WORK, INCLUDING WATERMAIN SHUT OFFS.

2. WATERMAIN SHALL BE INSTALLED AT A MINIMUM COVER OF 5.5' BELOW FINISHED GRADE AND NO DEEPER THAN 8' FROM FINISHED GRADE WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

3. SERVICE LINES SHALL HAVE A MINIMUM COVER OF 5' AND A MAXIMUM COVER OF 8'. COUPLINGS SHALL NOT BE INSTALLED UNDER PAVEMENT. WHEN INSTALLING A BACK LOOP OVER OR UNDER WATERMAIN, THE LOOP SHALL HAVE A MAXIMUM RADIUS OF 4'.

4. WATERMAIN SHALL NOT BE SLEEVED OR ENCASED WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

5. ALL WATERMAIN SHALL BE WRAPPED. THE WRAPPING SHALL BE INSTALLED PER MANUFACTURER GUIDELINES. AFTER THE WRAPPING HAS BEEN REMOVED TO INSTALL SERVICE TAPS, LATERAL CONNECTION, ETC., THE WATERMAIN SHALL BE RE-WRAPPED WATER TIGHT WITH BLACK VINYL TAPE MEETING ASTM D1000.

6. NON-PREFORMED MASTIC SHALL BE USED BETWEEN ALL VALVE VAULT SECTIONS INCLUDING FROM TOP OF CONE OR FLAT TOP SECTION TO BOTTOM OF FRAME, AND ALL ADJUSTING RINGS.

7. BUFFALO BOXES (B-BOXES) SHALL BE ADJUSTED TO THE FINAL GRADE AND WILL BE KEYABLE AFTER THE COMPLETION OF SIDEWALK PLACEMENT (FOR THOSE AREAS WHERE B-BOXES WILL BE LOCATED IN THE CENTER OF SIDEWALK) AND FINAL LANDSCAPING.

COMMITMENTS

1. NO TREES SHALL BE REMOVED FROM APRIL 1 THROUGH OCTOBER 16 OF ANY CONSTRUCTION YEAR.

EROSION CONTROL

1. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

2. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

3. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE BEFORE ANY WORK BEGINS.

4. ALL STORM SEWER FACITILTIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.

5. ALL SLOPES SHALL BE COVERED WITH SOD OR SEED & EROSION CONTROL BLANKET AS SOON AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED.

6. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES IN THE CURB AND GUTTER.

UTILITIES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE "STANDARD SPECIFICATIONS." THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE UTILITY OWNER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF HIS CONSTRUCTION SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER. NOTIFICATION SHALL BE IN WRITING, WITH COPIES TRANSMITTED TO THE ENGINEER.

3. ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE VILLAGE.

4. THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.

SIGNING, & PAVEMENT MARKING

1. ALL EXISTING TRAFFIC SIGNS WHICH INTERFERE WITH THE CONTRACTOR'S WORK SHALL BE REMOVED, A RECORD MADE OF THEIR CONDITION, AND SAFELY STORED AND SAFEGUARDED BY THE CONTRACTOR UNTIL THE ENGINEER DETERMINES THAT THEY BE REINSTALLED IN THE PERMANENT LOCATIONS.

2. ANY SIGN WHICH IS DAMAGED DURING THE TIME IT IS STORED SHALL BE REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR AT HIS OWN EXPENSE PRIOR TO PERMANENT REINSTALLATION.

3. ALL UNUSED SIGNS AND POSTS SHALL BE RETURNED TO THE JURISIDICTION FROM WHICH IT WAS REMOVED: VILLAGE OF LIBERTYVILLE.

PAVING AND CURB & GUTTER

1. BINDER COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.

MISCELLANEOUS

1. 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.

2. UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.

COMMITMENTS

1. NO TREES SHALL BE REMOVED FROM APRIL 1 THROUGH OCTOBER 16 OF ANY CONSTRUCTION YEAR.

INDEX OF SHEETS

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURBRAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET TYPE A
602306-03	INLET TYPE B
602401-06	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-02	PRECAST MANHOLE TYPE A 5' DIAMETER
602406-10	PRECAST MANHOLE TYPE A 6' DIAMETER
602411-08	PRECAST MANHOLE TYPE A 7' DIAMETER
602426-02	PRECAST MANHOLE TYPE A 10' DIAMETER
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604011-05	FRAME AND GRATE TYPE 3V
604086-03	FRAME AND GRATE TYPE 23
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STELL SIGN SUPPORT

DISTRICT 1 DETAILS

BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-22	ARTERIAL ROAD INFORMATION SIGN

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
GENERAL NOTES, INDEX OF SHEETS AND STATE STANDARDS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	2
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

* INDICATES SPECIALTY ITEMS

					CONSTRUCTION CODES			
					STP URBAN FUNDING			NON-PART.
					80% FEDERAL / 20% LOCAL			100% LOCAL
	SUMMARY OF QUANTITIES				ROCKLAND ROAD (FAP 1239)			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECON 0004	SAFETY 0021	TRAINEES 0042	WATER 0043
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	57	57			
	20101000	TEMPORARY FENCE	FOOT	808	808			
	20101100	TREE TRUNK PROTECTION	EACH	48	48			
*	20101200	TREE ROOT PRUNING	EACH	27	27			
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	9	9			
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	43	43			
	20200100	EARTH EXCAVATION	CU YD	9,559	9,559			
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,487	1,487			
	20800150	TRENCH BACKFILL	CU YD	7,381	7,381			
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	5,873	5,873			
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	8,948	8,948			
	25000312	SEEDING, CLASS 4A	ACRE	0.01	0.01			
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	111	111			
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	111	111			
*	25100115	MULCH, METHOD 2	ACRE	2	2			
*	25200110	SODDING, SALT TOLERANT	SQ YD	8,948	8,948			
*	25200200	SUPPLEMENTAL WATERING	UNIT	50.25	50			
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	185	185			
	28000510	INLET FILTERS	EACH	44	44			
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,958	1,958			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET 1 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	3
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

* INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES				CONSTRUCTION CODES			
				STP URBAN FUNDING			NON-PART.
				80% FEDERAL / 20% LOCAL			100% LOCAL
				ROCKLAND ROAD (FAP 1239)			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECON 0004	SAFETY 0021	TRAINEES 0042	WATER 0043
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	13,288	13,288			
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	2,443	2,443			
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,829	1,829			
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	975	975			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	943	943			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	6	6			
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	161	161			
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	108	108			
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,029	5,029			
40701841	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8"	SQ YD	356	356			
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	10,952	10,952			
42001300	PROTECTIVE COAT	SQ YD	4,001	4,001			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14,141	14,141			
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1,361	1,361			
42400800	DETECTABLE WARNINGS	SQ FT	333	333			
44000100	PAVEMENT REMOVAL	SQ YD	11,380	11,380			
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	1,277	1,277			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,213	1,213			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6,790	6,790			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET 2 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	4
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

* INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES

				CONSTRUCTION CODES			
				STP URBAN FUNDING			NON-PART.
				80% FEDERAL / 20% LOCAL			100% LOCAL
				ROCKLAND ROAD (FAP 1239)			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECON 0004	SAFETY 0021	TRAINEES 0042	WATER 0043
44000600	SIDEWALK REMOVAL	SQ FT	11,806	11,806			
44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQ YD	26	26			
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SQ YD	103	103			
44201733	CLASS D PATCHES, TYPE III, 7 INCH	SQ YD	128	128			
44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQ YD	128	128			
50102400	CONCRETE REMOVAL	CU YD	8	8			
50201101	COFFERDAM (TYPE 1) (LOCATION 1)	EACH	1	1			
52200010	TEMPORARY SHEET PILING	SQ FT	3,735	3,735			
52200015	PERMANENT SHEET PILING	SQ FT	1,340	1,340			
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	75	75			
54011004	PRECAST CONCRETE BOX CULVERTS 10' X 4'	FOOT	47	47			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	194	194			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	280	280			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	29	29			
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	355	355			
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	390	390			
550A0540	STORM SEWERS, CLASS A, TYPE 2 84"	FOOT	789	789			
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	590	590			
550A0780	STORM SEWERS, CLASS A, TYPE 3 48"	FOOT	103	103			

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PLOT DATE = 2/15/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET 3 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	5
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

* INDICATES SPECIALTY ITEMS

				CONSTRUCTION CODES			
				STP URBAN FUNDING			NON-PART.
				80% FEDERAL / 20% LOCAL			100% LOCAL
SUMMARY OF QUANTITIES				ROCKLAND ROAD (FAP 1239)			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECON 0004	SAFETY 0021	TRAINEES 0042	WATER 0043
550A1080	STORM SEWERS, CLASS A, TYPE 4 48"	FOOT	123	123			
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	4	4			
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	139	139			
550A5100	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	FOOT	29	29			
55100100	STORM SEWER REMOVAL 4"	FOOT	36	36			
55100200	STORM SEWER REMOVAL 6"	FOOT	14	14			
55100300	STORM SEWER REMOVAL 8"	FOOT	453	453			
55100500	STORM SEWER REMOVAL 12"	FOOT	811	811			
55100700	STORM SEWER REMOVAL 15"	FOOT	95	95			
55100900	STORM SEWER REMOVAL 18"	FOOT	569	569			
55101200	STORM SEWER REMOVAL 24"	FOOT	24	24			
55101300	STORM SEWER REMOVAL 27"	FOOT	196	196			
55101400	STORM SEWER REMOVAL 30"	FOOT	880	880			
* 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	65				65
* 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	1,214				1,214
* 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	16				16
* 56105000	WATER VALVES 8"	EACH	8				8
* 56105200	WATER VALVES 12"	EACH	1				1
* 56106400	ADJUSTING WATER MAIN 8"	FOOT	50				50

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET 4 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	6
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

	CONSTRUCTION CODES			
	STP URBAN FUNDING			NON-PART.
	80% FEDERAL / 20% LOCAL			100% LOCAL

* INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROCKLAND ROAD (FAP 1239) ROADWAY RECON 0004	ROCKLAND ROAD (FAP 1239) SAFETY 0021	TRAINEES 0042	WATER 0043
*	56106600	ADJUSTING WATER MAIN 12"	FOOT	110				110
*	56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	200	200			
*	56300200	ADJUSTING SANITARY SEWERS, OVER 8-INCH DIAMETER	FOOT	100	100			
*	56300300	ADJUSTING WATER SERVICE LINES	FOOT	500				500
*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	11				11
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	11				11
	60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1			
	60200310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	13	13			
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1			
	60207105	CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE	EACH	1	1			
	60207115	CATCH BASINS, TYPE C, TYPE 3V FRAME AND GRATE	EACH	21	21			
	60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	1	1			
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2			
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11			
	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5			
	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9			
	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	17	17			
	60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	2	2			
	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	7	7			

* INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES

					CONSTRUCTION CODES			
					STP URBAN FUNDING			NON-PART.
					80% FEDERAL / 20% LOCAL			100% LOCAL
					ROCKLAND ROAD (FAP 1239)			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECON 0004	SAFETY 0021	TRAINEES 0042	WATER 0043
*	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9				9
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	15	15			
	60500040	REMOVING MANHOLES	EACH	32	32			
	60500050	REMOVING CATCH BASINS	EACH	20	20			
	60500060	REMOVING INLETS	EACH	10	10			
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	850	850			
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3			
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
*	66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	5	5			
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18			
	67100100	MOBILIZATION	L SUM	1	1			
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	960		960		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,000		1,000		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	334		334		
	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	3,316		3,316		
*	72000100	SIGN PANEL - TYPE 1	SQ FT	26	26			
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	18	18			
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	228	228			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET 6 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	8
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

* INDICATES SPECIALTY ITEMS

					CONSTRUCTION CODES			
					STP URBAN FUNDING			NON-PART.
					80% FEDERAL / 20% LOCAL			100% LOCAL
	SUMMARY OF QUANTITIES				ROCKLAND ROAD (FAP 1239)			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECON 0004	SAFETY 0021	TRAINEES 0042	WATER 0043
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	37	37			
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,799	2,799			
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,180	2,180			
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	258	258			
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	273	273			
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	5,917		5,917		
*	78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	495		495		
	Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	565	565			
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	15	15			
	Z0019600	DUST CONTROL WATERING	UNIT	300	300			
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	125	125			
	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	3,450	3,450			
	Z0052399	RELOCATE PORTABLE TEMPORARY BARRIER SYSTEM	FOOT	69	69			
	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	191	191			
	Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	30	30			
	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	221	221			
	Z0056626	STORM SEWER (WATER MAIN REQUIREMENTS) 48 INCH	FOOT	211	211			
	Z0056635	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 30 INCH	FOOT	59	59			
*	Z0056900	SANITARY SEWER 8"	FOOT	638				638

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET 7 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	9
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

* INDICATES SPECIALTY ITEMS

					CONSTRUCTION CODES			
					STP URBAN FUNDING			NON-PART.
					80% FEDERAL / 20% LOCAL			100% LOCAL
	SUMMARY OF QUANTITIES				ROCKLAND ROAD (FAP 1239)			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECON 0004	SAFETY 0021	TRAINEES 0042	WATER 0043
	Z0062456	TEMPORARY PAVEMENT	SQ YD	4,411	4,411			
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	5	5			
	Z0076600	TRAINEES	HOUR	500			500	
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500			500	
*	B2000774	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLANCE (AUTUMN BRILLIANCE SERVICE BERRY), 3" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4			
*	X0323449	REMOVE EXISTING WATER VALVE	EACH	4				4
	X0327037	SPECIAL GRATE NO. 1	EACH	1	1			
	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	240	240			
	X0900071	SHEET PILE REMOVAL, SPECIAL	SQ FT	33	33			
*	X1200015	VALVE VAULTS TO BE ABANDONED	EACH	5				5
	X1200087	JUNCTION CHAMBER NO. 1	EACH	1	1			
	X1200214	JUNCTION CHAMBER NO. 2	EACH	1	1			
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	1,000	1,000			
	X3400004	RETAINING WALL REMOVAL	FOOT	37	37			
	X4230710	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL	SQ YD	712	712			
	X5012610	CONCRETE HEADWALL REMOVAL PARTIAL	EACH	1	1			
*	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	8,925				8,925
*	X5610700	WATER MAIN REMOVAL	FOOT	1,023				1,023
*	X5620116	WATER SERVICE CONNECTION (SHORT)	EACH	44				44

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET 8 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	10
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

* INDICATES SPECIALTY ITEMS

					CONSTRUCTION CODES			
					STP URBAN FUNDING			NON-PART.
					80% FEDERAL / 20% LOCAL			100% LOCAL
	SUMMARY OF QUANTITIES				ROCKLAND ROAD (FAP 1239)			
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY RECON 0004	SAFETY 0021	TRAINEES 0042	WATER 0043
*	X5620118	WATER SERVICE CONNECTION (LONG)	EACH	40				40
	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1			
	X6022110	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3			
*	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3				3
*	X6022820	MANHOLES, SANITARY, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	21				21
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	4				4
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	3	3			
	X6060048	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)	FOOT	6,802	6,802			
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1		
	XX000300	CONCRETE STEPS	SQ FT	130	130			
	XX002162	PARTIAL REMOVAL OF EXISTING STRUCTURE	EACH	1	1			
*	XX003536	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE)	EACH	19				19
	XX003653	SPECIAL STRUCTURE SP-1	EACH	1	1			
	XX006821	CONCRETE TRUCK WASHOUT	L SUM	1		1		
*	XX008657	WATER MAIN, DUCTILE IRON PIPE, CLASS 52, 12" DIRECTIONAL DRILLED	FOOT	1,769				1,769

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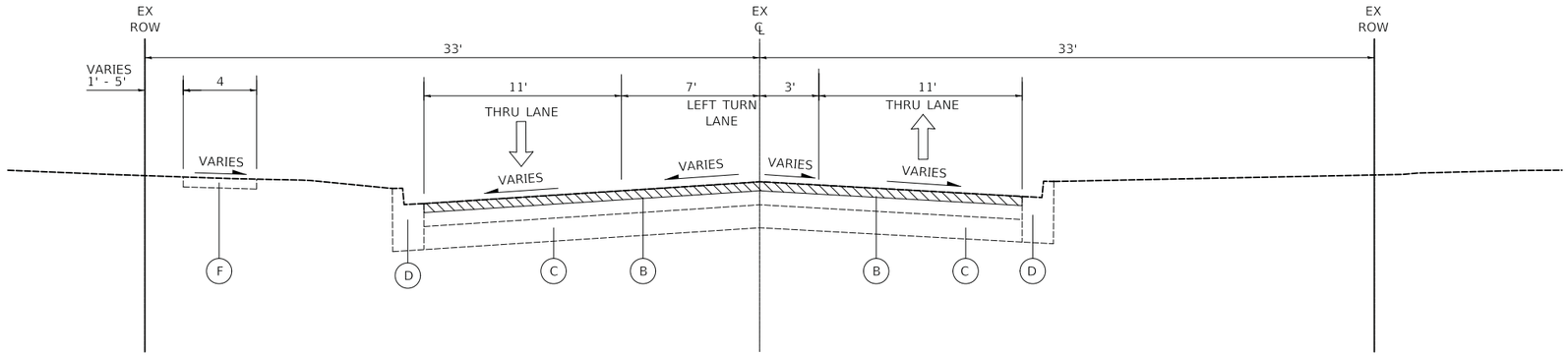
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET 9 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	11
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



ROCKLAND ROAD - EXISTING TYPICAL SECTION

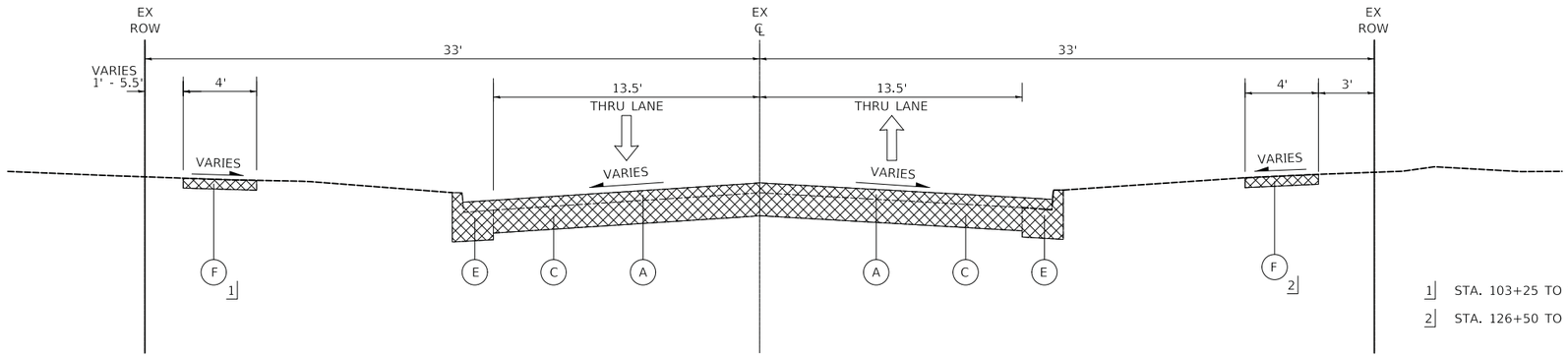
STA. 100+90 TO STA. 103+25

LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT:
  -ROCKLAND ROAD = 3" & VARIES
- (B) EXISTING HOT-MIX ASPHALT PAVEMENT:
  -ROCKLAND ROAD = 7" & VARIES
- (C) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT:
  -ROCKLAND ROAD = 7" & VARIES
- (D) EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.18 (SEE NOTE 1)
- (F) EXISTING SIDEWALK

PAVEMENT REMOVAL
COMBINATION CURB AND GUTTER REMOVAL (SEE NOTE 1)
SIDEWALK REMOVAL

HMA SURFACE REMOVAL, 3 ¾"

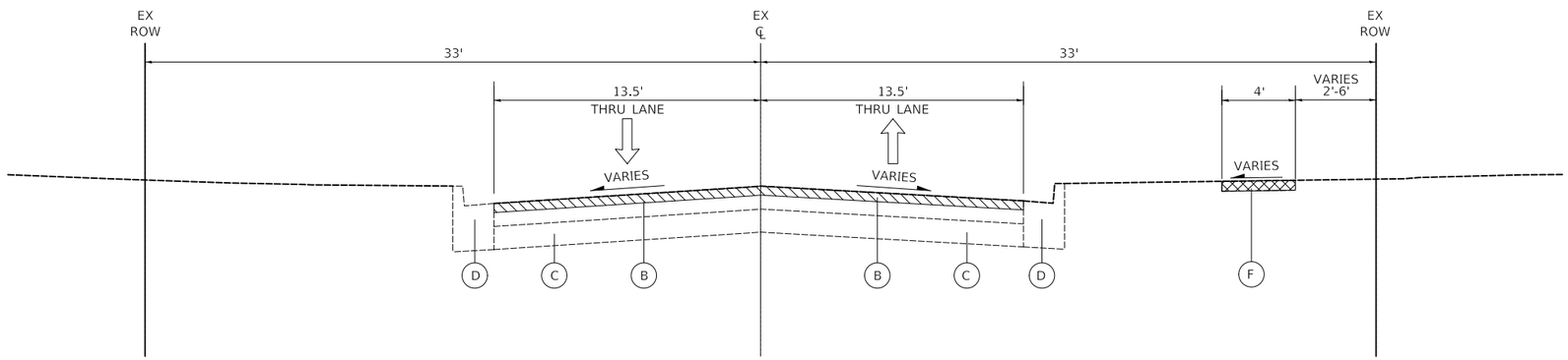


1 STA. 103+25 TO STA. 126+50

2 STA. 126+50 TO STA. 133+03

ROCKLAND ROAD - EXISTING TYPICAL SECTION

STA. 103+25 TO STA. 133+03



ROCKLAND ROAD - EXISTING TYPICAL SECTION

STA. 133+03 TO STA. 135+40

NOTES

1. THE REMOVAL OF HMA PAVEMENT AND DRIVEWAY PAVEMENT OVERLAID ON CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF "COMBINATION CURB AND GUTTER REMOVAL".

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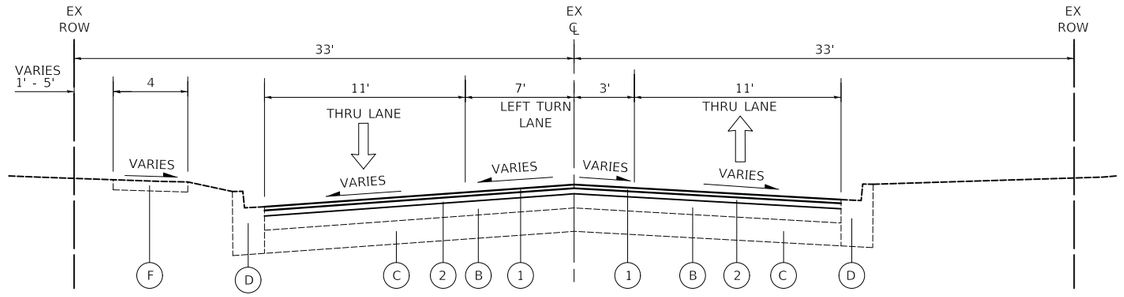
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
EXISTING TYPICAL SECTIONS

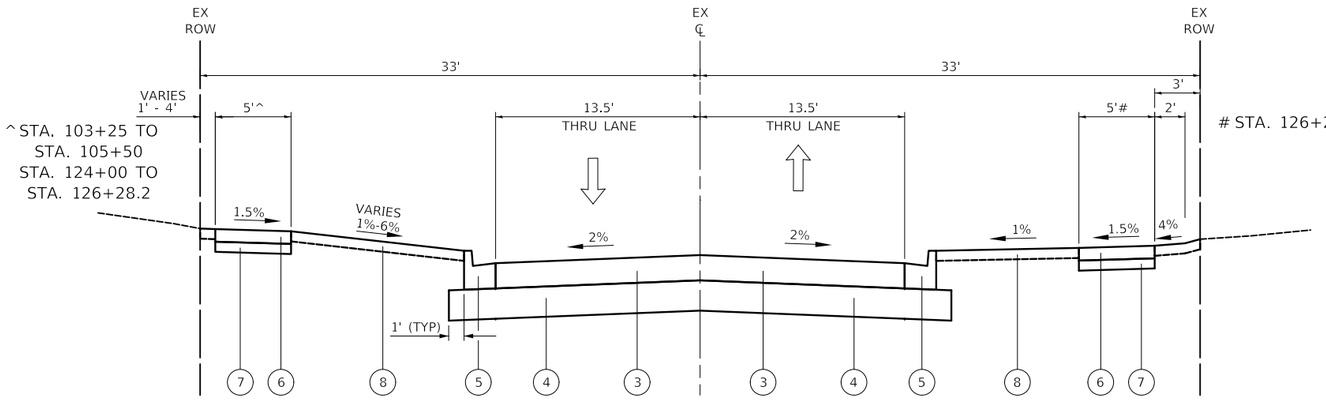
SCALE: N.T.S | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	12
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



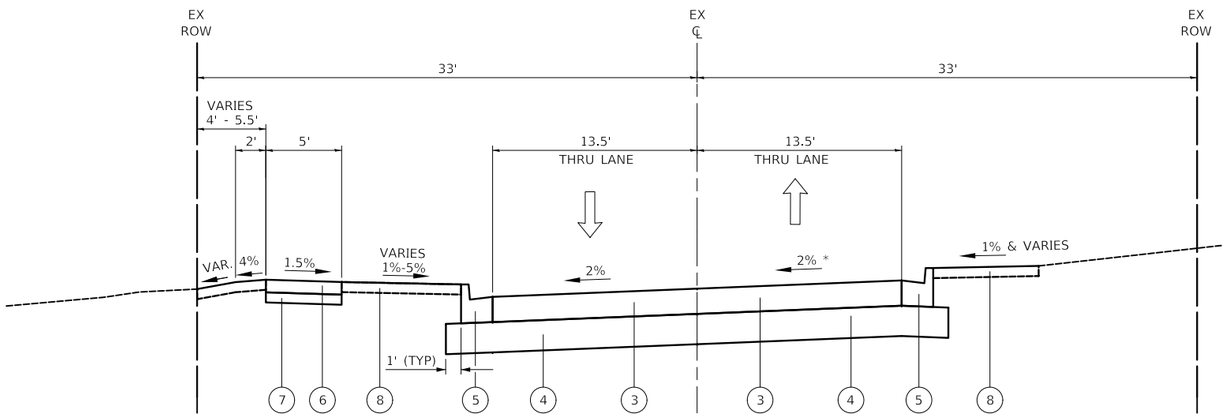
ROCKLAND ROAD - PROPOSED TYPICAL SECTION

STA. 100+90 TO STA. 103+25



ROCKLAND ROAD - PROPOSED TYPICAL SECTION

STA. 103+25 TO STA. 105+50
STA. 124+00 TO STA. 133+03



ROCKLAND ROAD - PROPOSED TYPICAL SECTION

STA. 105+50 TO STA. 124+00

* STA. 105+50 TO STA. 106+50 TRANSITION FROM -2% TO +2%
STA. 123+00 TO STA. 124+00 TRANSITION FROM +2% TO -2%

LEGEND

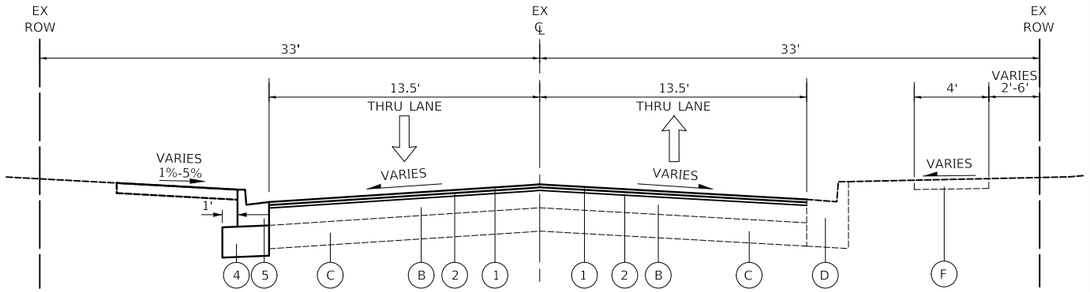
- (B) EXISTING HOT-MIX ASPHALT PAVEMENT:
  -ROCKLAND ROAD = 7" & VARIES
- (C) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT:
  -ROCKLAND ROAD = 7" & VARIES
- (D) EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.12
- (F) EXISTING SIDEWALK

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1½"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2¼"
- (3) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
- (4) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (7) AGGREGATE BASE COURSE, TYPE B 4"
- (8) SODDING, SALT TOLERANT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ NDES
HMA PAVEMENT (FD) 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL.19.0, N50, 8"	4% @ 50 GYR.
HMA PAVEMENT (FD) 8"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL.19.0, N50, 6	4% @ 50 GYR.
PROPOSED RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 1 ½"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL.19.0, N50, 2 ¼"	4% @ 50 GYR.
PROPOSED HOT-MIX ASPHALT DRIVEWAY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 6"	4% @ 50 GYR.
TEMPORARY PATCHING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 GYR.
CLASS D PATCHES	
CLASS D PATCH (HMA BINDER IL-19.0 mm)	4% @ 70 GYR.

NOTES:

1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY-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.
3. FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.
4. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
5. PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 6" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
6. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED BELOW THE SURFACE COURSE AND THE TOP BINDER COURSE.



ROCKLAND ROAD - PROPOSED TYPICAL SECTION

STA. 133+03 TO STA. 135+40

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
PROPOSED TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	13
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

ROCKLAND ROAD - EARTHWORK SCHEDULE									
STATION	DISTANCE	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL PLACEMENT	UNSUITABLE	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL PLACEMENT	UNSUITABLE
	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
103+25		49.8	3.7	2.2	0.0				
	25					60.8	2.0	1.0	0.0
103+50		81.7	0.7	0.0	0.0				
	50					107.7	3.3	4.6	0.0
104+00		34.7	6.4	9.9	0.0				
	50					59.4	3.9	4.6	0.0
104+50		29.4	2.0	0.0	0.0				
	50					75.1	2.7	1.8	0.0
105+00		51.7	4.0	3.9	0.0				
	50					117.5	4.6	5.1	0.0
105+50		75.3	6.0	7.1	0.0				
	20					87.6	2.8	3.3	0.0
105+70		161.3	0.0	0.0	0.0				
	30					132.1	2.8	3.0	0.0
106+00		76.5	6.0	6.4	0.0				
	50					128.6	5.7	6.3	0.0
106+50		62.4	6.3	7.2	0.0				
	50					124.0	4.8	4.7	0.0
107+00		71.5	4.1	2.9	0.0				
	50					116.4	3.8	2.9	0.0
107+50		54.1	4.0	3.5	0.0				
	50					89.7	5.9	4.0	0.0
108+00		42.7	8.8	5.1	0.0				
	50					84.6	6.8	4.9	0.0
108+50		48.6	5.9	5.4	0.0				
	25					60.1	4.1	4.0	0.0
108+75		81.2	3.0	3.2	0.0				
	25					61.2	4.2	3.5	0.0
109+00		51.1	6.1	4.3	0.0				
	50					93.9	5.7	4.7	0.0
109+50		50.3	6.1	6.0	0.0				
	50					99.0	5.6	5.3	0.0
110+00		56.6	6.0	5.4	0.0				
	50					96.3	5.0	4.3	0.0
110+50		47.4	4.8	3.8	0.0				
	50					88.3	4.9	4.8	0.0
111+00		48.0	5.9	6.7	0.0				
	50					92.3	5.5	6.1	0.0
111+50		51.7	5.9	6.4	0.0				
	10					20.4	4.5	4.5	0.0
111+60		58.3	3.8	3.4	0.0				
	20					48.7	3.3	2.0	0.0
111+80		73.2	3.3	0.9	0.0				
	20					52.1	4.1	1.5	0.0
112+00		67.5	5.6	2.5	0.0				
	50					121.4	5.4	3.5	0.0
112+50		63.6	6.2	5.0	0.0				
	50					114.5	5.8	4.6	0.0
113+00		60.0	6.4	4.8	0.0				
	50					112.4	6.1	4.0	0.0
113+50		61.3	6.8	3.8	0.0				
	50					125.1	6.1	4.0	0.0
114+00		73.7	6.3	4.9	0.0				
	50					138.4	5.7	5.6	0.0
114+50		75.7	6.0	7.2	0.0				
	50					339.1	2.8	3.3	60.3
115+00		290.5	0.0	0.0	130.2				
	50					365.4	5.2	2.8	76.0

ROCKLAND ROAD - EARTHWORK SCHEDULE									
STATION	DISTANCE	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL PLACEMENT	UNSUITABLE	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL PLACEMENT	UNSUITABLE
	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
115+50		104.1	11.3	6.1	34.1				
	50					184.9	8.9	4.3	31.6
116+00		95.6	7.8	3.1	34.1				
	50					167.9	7.4	3.1	31.6
116+50		85.7	8.1	3.5	34.1				
	50					161.2	8.9	5.4	31.6
117+00		88.4	11.1	8.2	34.1				
	50					168.7	10.3	7.1	31.6
117+50		93.8	11.1	7.2	34.1				
	30					152.8	5.1	3.4	54.1
117+80		181.2	0.0	0.0	82.8				
	20					112.9	7.0	2.3	58.8
118+00		123.6	15.2	5.1	44.2				
	50					211.5	12.0	4.9	36.3
118+50		104.8	10.8	5.6	34.1				
	50					192.1	10.5	4.8	31.6
119+00		102.6	11.9	4.9	34.1				
	50					192.8	10.8	5.9	31.6
119+50		105.6	11.5	7.9	34.1				
	50					196.2	10.6	7.3	31.6
120+00		106.3	11.4	7.8	34.1				
	50					204.1	11.7	6.0	33.9
120+50		114.1	13.9	5.1	39.2				
	20					115.4	6.4	2.3	63.1
120+70		197.5	0.0	0.0	97.1				
	30					162.8	5.5	2.3	61.1
121+00		95.4	11.8	5.0	34.9				
	50					178.1	10.6	4.9	31.9
121+50		96.9	11.1	5.5	34.1				
	50					178.7	10.6	4.3	31.6
122+00		96.1	11.7	3.8	34.1				
	32					115.5	9.3	3.7	31.6
122+32		98.8	8.3	4.1	34.1				
	18					64.4	9.1	4.3	36.8
122+50		94.2	11.4	5.1	45.5				
	50					177.1	10.8	4.4	36.8
123+00		97.0	11.8	4.4	34.1				
	50					244.1	5.5	2.0	50.3
123+50		166.6	0.0	0.0	74.6				
	10.00					62.6	0.0	0.0	69.1
123+60		171.5	0.0	0.0	74.6				
	40.00					198.4	5.2	2.5	50.3
124+00		96.3	11.2	5.5	34.1				
	50					179.5	7.5	2.5	33.9
124+50		97.6	5.0	0.0	39.2				
	50					182.4	8.1	2.2	33.9
125+00		99.4	12.5	4.7	34.1				
	50					156.6	7.7	3.1	15.8
125+50		69.7	4.1	2.0	0.0				
	50					132.7	4.9	4.0	0.0
126+00		73.6	6.5	6.7	0.0				
	50					197.3	3.0	3.1	0.0
126+50		139.4	0.0	0.0	0.0				
	5					26.2	0.0	0.0	0.0
126+55		143.2	0.0	0.0	0.0				
	45					175.4	2.8	2.7	0.0
127+00		67.2	6.0	5.8	0.0				
	50					115.8	5.5	5.9	0.0

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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SCHEDULE OF QUANTITIES

SCALE: N.T.S. | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	14
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

ROCKLAND ROAD - EARTHWORK SCHEDULE									
STATION	DISTANCE	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL PLACEMENT	UNSUITABLE	EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL PLACEMENT	UNSUITABLE
	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
127+50		57.9	5.9	6.9	0.0				
	34					73.2	3.5	3.2	0.0
127+84		58.3	1.6	0.0	0.0				
	16					35.0	1.5	0.0	0.0
128+00		59.9	1.6	0.0	0.0				
	50					108.5	3.6	2.5	0.0
128+50		57.3	6.1	5.4	0.0				
	40					89.5	3.6	2.5	0.0
128+90		63.6	1.7	0.0	0.0				
	10					29.3	3.5	2.3	15.8
129+00		94.7	5.9	5.1	34.1				
	50					179.8	6.5	4.2	31.6
129+50		99.5	8.0	4.1	34.1				
	35					141.9	6.2	2.4	39.0
129+85		119.4	5.3	1.1	50.0				
	15					64.3	8.1	3.2	41.9
130+00		112.2	12.3	5.8	40.4				
	50					191.1	10.7	5.3	34.5
130+50		94.2	10.9	5.7	34.1				
	50					168.9	10.2	7.2	31.6
131+00		88.2	11.1	9.9	34.1				
	10					32.9	7.4	4.6	31.6
131+10		89.3	4.8	0.0	34.1				
	40					125.5	7.3	5.5	31.6
131+50		80.2	11.1	12.0	34.1				
	50					140.9	10.7	8.9	31.6
132+00		71.9	12.1	7.3	34.1				
	20					53.5	7.7	3.4	31.6
132+20		72.5	4.6	0.0	34.1				
	30					79.3	8.1	4.0	31.6
132+50		70.3	12.9	8.7	34.1				
	50					132.5	13.2	6.9	31.6
133+00		72.8	15.7	6.3	34.1				
	25					38.1	7.7	2.9	15.8
133+25		9.5	1.0	0.0	0.0				
	6					2.1	0.8	0.0	0.0
133+31		9.8	0.8	0.0	0.0				
	19					8.6	3.1	1.1	0.0
133+50		14.6	5.8	2.3	0.0				
	50					19.5	4.2	1.5	0.0
134+00		6.5	3.3	0.8	0.0				
	50					11.9	1.9	0.4	0.0
134+50		6.3	0.9	0.0	0.0				
	50.00					11.7	1.7	0.4	0.0
135+00		6.4	2.9	0.8	0.0				
				ROCKLAND ROAD TOTAL =		9,558.3	480.3	295.8	1,486.5

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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SCHEDULE OF QUANTITIES

SCALE: N.T.S. | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	15
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

SCHEDULE OF QUANTITIES

TREE LOG								
STATION	OFFSET	LT/RT	201001100 TREEREMOVAL (6 TO 16 UNITS DIAMETER)	20101000 TEMPORARY FENCE	20101100 TREE TRUNK PROTECTION	20101200 TREE ROOT PRUNING	20101300 TREE PRUNING (1 TO 10 INCH DIAMETER)	201013500 TREE PRUNING (OVER 10 INCH DIAMETER)
			UNIT	FOOT	UNIT	UNIT	UNIT	UNIT
101+97.7	31.0'	LT						1
103+03.7	32.4'	LT		20	1	1		1
103+12.0	26.9'	RT		20			1	
103+73.3	72.0'	LT					5	1
103+79.9	50.8'	LT		20	1			1
103+84.8	27.0'	RT			1			1
104+24.0	26.7'	RT			1			1
104+63.1	28.2'	RT		20	1			1
104+72.1	22.5'	LT		20	1	1		
104+81.9	19.6'	RT		20	1	1		
105+13.7	19.8'	RT		20	1			
105+56.1	57.2'	RT		20	1			1
105+90.3	77.3'	LT		20	1	1		1
105+94.9	51.3'	RT		20	1			1
106+46.6	32.6'	LT			1			1
106+81.5	32.6'	LT		20	1			1
107+03.0	23.8'	RT		20	1	1		1
107+04.9	32.9'	LT						1
107+30.5	33.0'	LT			1			1
108+23.3	18.7'	LT		20	1	1		1
108+61.6	59.7'	LT		20	1	1		1
108+93.7	69.4'	LT		20	1	1		1
109+14.0	20.7'	LT		20	1	1	1	
109+51.4	20.6'	LT		20	1	1	1	
110+65.7	27.6'	RT			2			2
112+02.7	31.5'	RT						1
112+47.9	19.7'	LT		20	1	1		1
112+96.2	21.4'	LT		20	1	1		1
113+23.3	21.0'	LT		20	1	1		1
114+58.1	32.2'	RT		32	1	1		1
114+61.5	58.7'	RT			1			
115+08.7	45.3'	LT		20	1	1		1
115+18.2	47.4'	RT		28	1			
115+18.4	50.9'	RT			1			
115+21.3	45.6'	RT			1			

TREE LOG								
STATION	OFFSET	LT/RT	201001100 TREEREMOVAL (6 TO 16 UNITS DIAMETER)	20101000 TEMPORARY FENCE	20101100 TREE TRUNK PROTECTION	20101200 TREE ROOT PRUNING	20101300 TREE PRUNING (1 TO 10 INCH DIAMETER)	201013500 TREE PRUNING (OVER 10 INCH DIAMETER)
			UNIT	FOOT	UNIT	UNIT	UNIT	UNIT
116+03.3	20.4'	LT		20	1	1		1
117+02.8	20.9'	LT		20	1	1		1
117+37.5	20.4'	LT		20	1	1		1
117+60.1	33.9'	LT		28	1	1		1
118+62.5	31.3'	RT		20	1			1
120+53.2	51.9'	LT			1			
120+96.0	32.6'	RT						1
121+24.1	33.0'	LT		20	1			1
121+35.7	32.4'	LT		20	1			1
123+15.0	27.5'	RT						1
124+77.1	32.6'	LT		20	1			1
124+90.9	32.0'	RT						1
126+36.2	52.2'	RT						1
126+95.5	30.7'	RT		20	1	1		1
127+22.7	32.3'	RT		20	1	1		1
127+59.3	31.9'	RT		20	1	1		1
127+95.3	32.5'	RT		20	1	1	1	
130+34.8	27.2'	RT		20	1	1		
130+66.9	26.8'	RT		20	1	1		
132+51.3	31.4'	RT		20	1	1		1
133+62.2	30.5'	RT		20	1	1		1
135+43.4	21.4'	LT	6					
135+43.4	21.4'	LT	6					
135+43.4	21.4'	LT	6					
135+45.2	29.5'	LT	6					
135+45.2	29.5'	LT	8					
135+46.3	28.5'	LT	11					
135+47.2	25.8'	LT	14					

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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SCHEDULE OF QUANTITIES

SCALE: N.T.S. | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	16
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

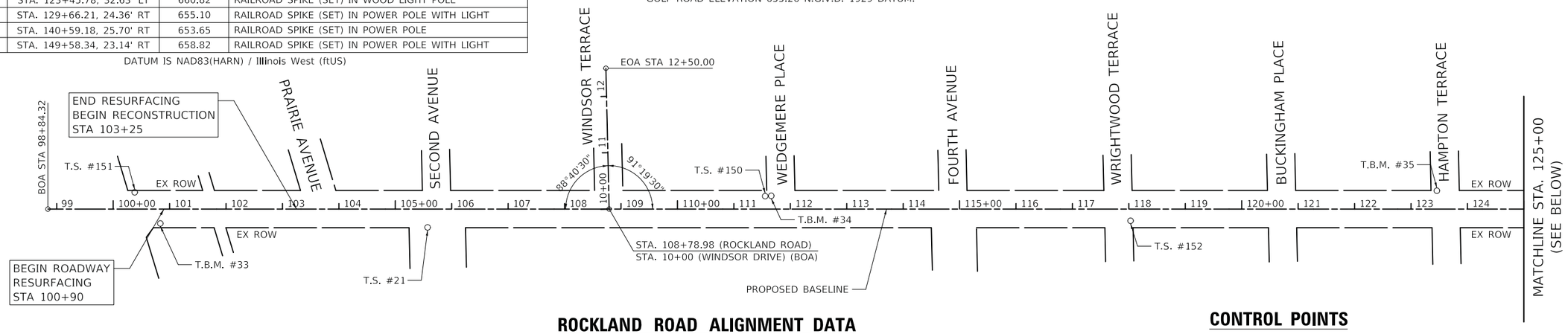
BENCHMARKS

TBM NO.	LOCATION	ELEVATION	DESCRIPTION
33	STA. 100+83.56, 25.48' RT	699.94	RAILROAD SPIKE (SET) IN POWER POLE WITH LIGHT
34	STA. 111+66.28, 23.55' LT	691.18	CROSS CUT (SET) IN NW FLANGE BOLT OF FIRE HYDRANT
35	STA. 123+45.78, 32.63' LT	660.82	RAILROAD SPIKE (SET) IN WOOD LIGHT POLE
10	STA. 129+66.21, 24.36' RT	655.10	RAILROAD SPIKE (SET) IN POWER POLE WITH LIGHT
36	STA. 140+59.18, 25.70' RT	653.65	RAILROAD SPIKE (SET) IN POWER POLE
37	STA. 149+58.34, 23.14' RT	658.82	RAILROAD SPIKE (SET) IN POWER POLE WITH LIGHT

DATUM IS NAD83(HARN) / Illinois West (ftUS)

BASIS OF ELEVATION

ELEVATIONS ARE REFERENCED TO THE FOUND U.S. ARMY CORPS OF ENGINEERS TEMPORARY BENCHMARK #767, AS PROVIDED BY THE VILLAGE OF LIBERTYVILLE. CHISELED "+" ON TOP OF EAST NOZZLE OF FIRE HYDRANT IN THE NORTHWEST QUADRANT OF THE CURVED INTERSECTION OF COUNTRY CLUB DRIVE AND EAST GOLF ROAD ELEVATION 655.26 N.G.V.D. 1929 DATUM.



ROCKLAND ROAD ALIGNMENT DATA

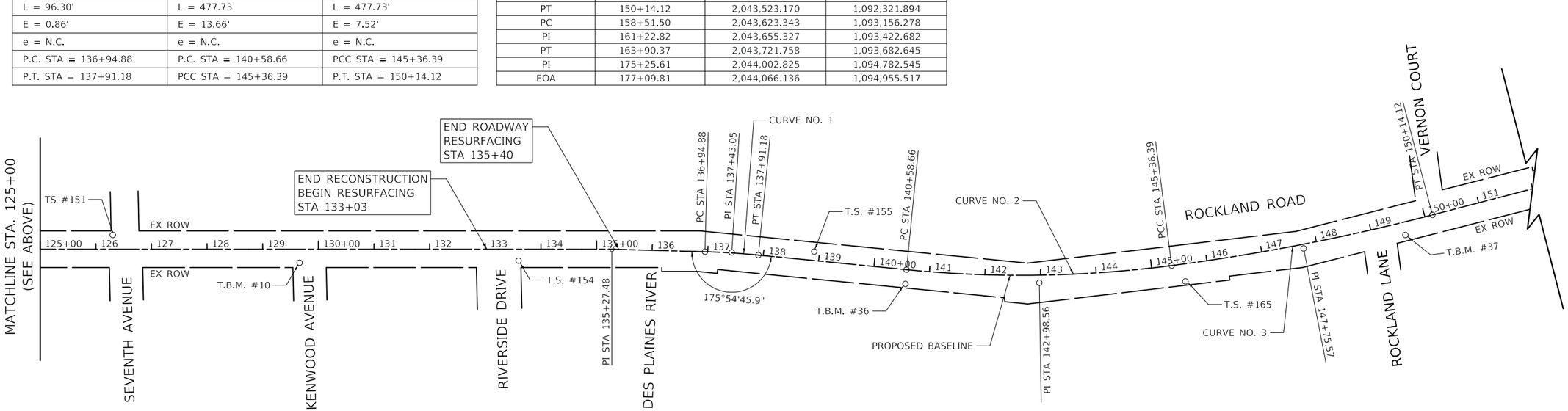
POINT	STATION	NORTHING	EASTING
BOA	98+84.32	2,044,153.238	1,087,242.393
PI	135+27.48	2,043,661.166	1,090,852.166
PC	136+94.88	2,043,634.102	1,091,017.363
PI	137+43.05	2,043,626.313	1,091,064.901
PT	137+91.18	2,043,615.156	1,091,111.764
PC	140+58.66	2,043,553.209	1,091,371.963
PI	142+98.56	2,043,497.646	1,091,605.342
PCC	145+36.39	2,043,496.150	1,091,845.241
PI	147+75.57	2,043,494.659	1,092,084.418
PT	150+14.12	2,043,523.170	1,092,321.894
PC	158+51.50	2,043,623.343	1,093,156.278
PI	161+22.82	2,043,655.327	1,093,422.682
PT	163+90.37	2,043,721.758	1,093,682.645
PI	175+25.61	2,044,002.825	1,094,782.545
EOA	177+09.81	2,044,066.136	1,094,955.517

CONTROL POINTS

STATION NO.	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION
T.S. #151	2044161.993	1087398.859	100+38.17	29.81' LT	CROSS CUT (FOUND) IN CONCRETE WALK
T.S. #21	2044030.174	1087904.744	105+57.23	32.47' RT	IRON ROD WITH CAP (SET)
T.S. #150	2044004.342	1088504.958	111+55.43	23.00' LT	IRON ROD WITH CAP (SET)
T.S. #152	2043873.592	1089140.680	118+02.99	20.69' RT	IRON ROD WITH CAP (SET)
T.S. #153	2043807.836	1089966.716	126+30.33	25.73' LT	CROSS CUT (SET) IN CONCRETE WALK
T.S. #154	2043663.427	1090683.211	133+59.77	20.58' RT	IRON ROD WITH CAP (SET)
T.S. #155	2043607.778	1091211.990	138+90.39	16.03' LT	IRON ROD WITH CAP (SET)
T.S. #165	2043464.640	1091865.712	145+56.89	31.44' RT	IRON ROD WITH CAP (SET)

CURVE DATA

CURVE NO. 1	CURVE NO. 2	CURVE NO. 3
P.I. STA = 137+43.05	P.I. STA = 142+98.56	P.I. STA = 147+75.57
Δ = 4° 05' 14" (RT)	Δ = 13° 02' 04" (LT)	Δ = 7° 12' 11" (LT)
D = 4° 14' 39"	D = 2° 43' 42"	D = 1° 30' 28"
R = 1350.00'	R = 2100.00'	R = 3800.00'
T = 48.17'	T = 239.90'	T = 239.18'
L = 96.30'	L = 477.73'	L = 477.73'
E = 0.86'	E = 13.66'	E = 7.52'
e = N.C.	e = N.C.	e = N.C.
P.C. STA = 136+94.88	P.C. STA = 140+58.66	PCC STA = 145+36.39
P.T. STA = 137+91.18	PCC STA = 145+36.39	P.T. STA = 150+14.12



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CIVILTECH

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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

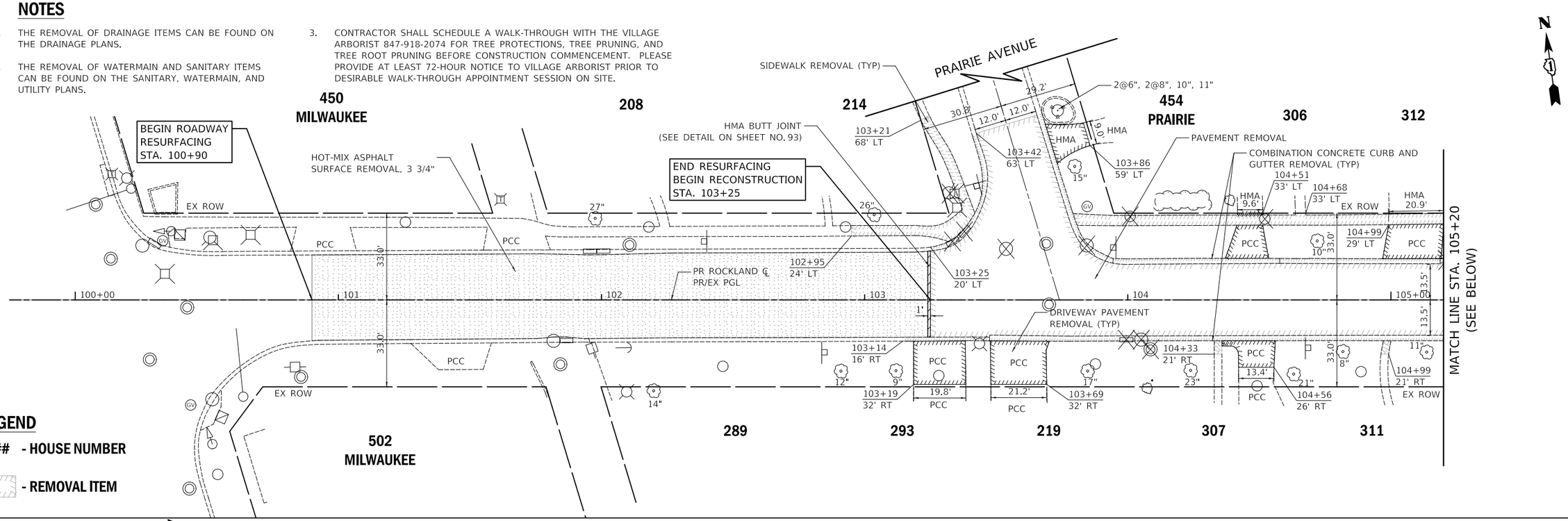
ROCKLAND ROAD - MILWAUKEE AVENUE TO DES PLAINES RIVER BRIDGE
ALIGNMENT, TIES, AND BENCHMARKS

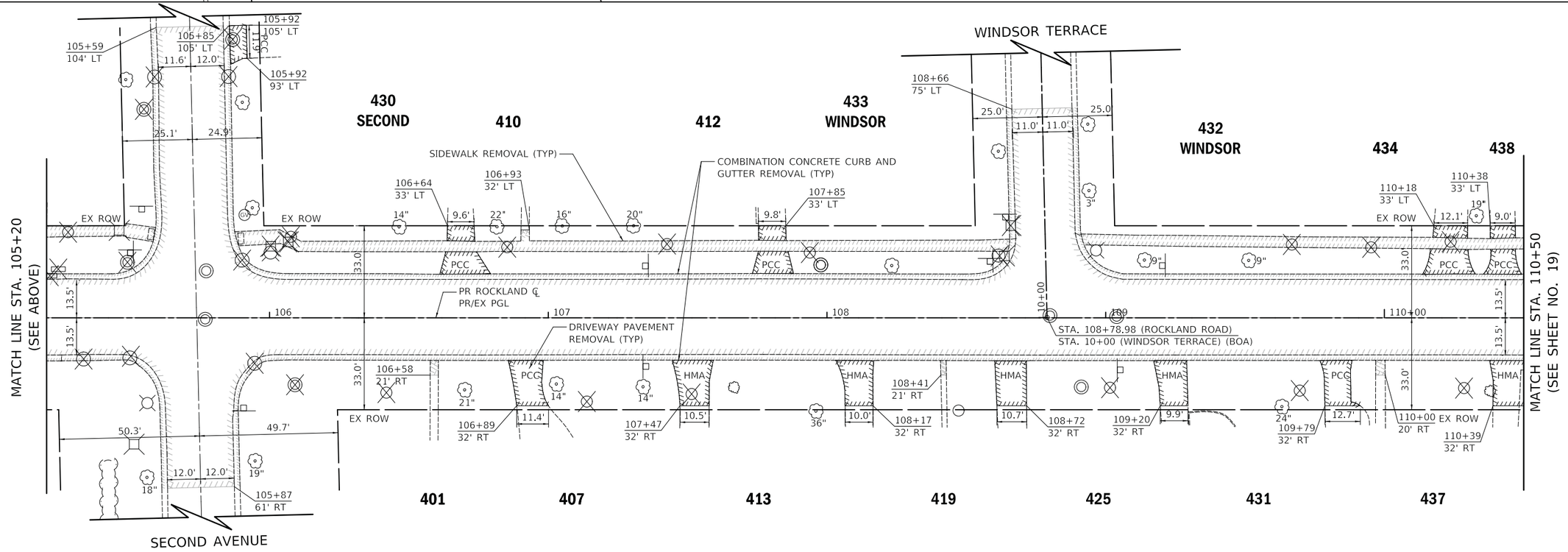
SCALE: 1" = 100 | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	17
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

NOTES

1. THE REMOVAL OF DRAINAGE ITEMS CAN BE FOUND ON THE DRAINAGE PLANS.
2. THE REMOVAL OF WATERMAIN AND SANITARY ITEMS CAN BE FOUND ON THE SANITARY, WATERMAIN, AND UTILITY PLANS.
3. CONTRACTOR SHALL SCHEDULE A WALK-THROUGH WITH THE VILLAGE ARBORIST 847-918-2074 FOR TREE PROTECTIONS, TREE PRUNING, AND TREE ROOT PRUNING BEFORE CONSTRUCTION COMMENCEMENT. PLEASE PROVIDE AT LEAST 72-HOUR NOTICE TO VILLAGE ARBORIST PRIOR TO DESIRABLE WALK-THROUGH APPOINTMENT SESSION ON SITE.





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		DRAWN - NEM	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -		SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 100+90 TO STA. 110+50
	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	18
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

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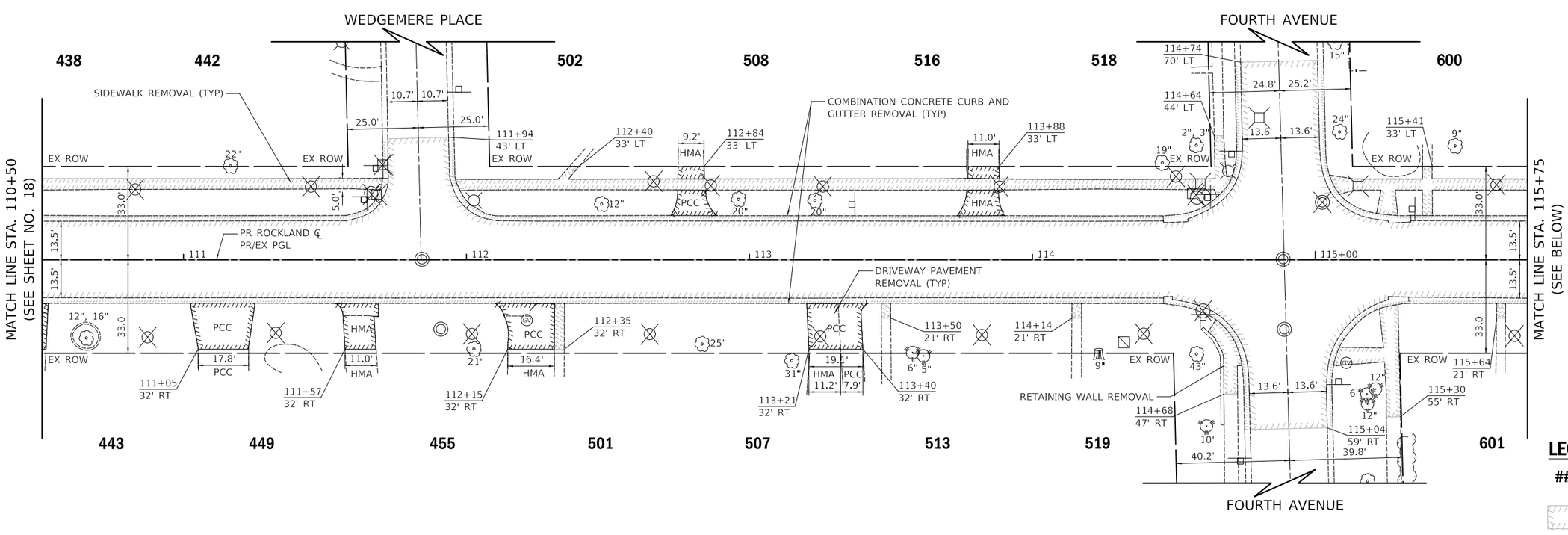

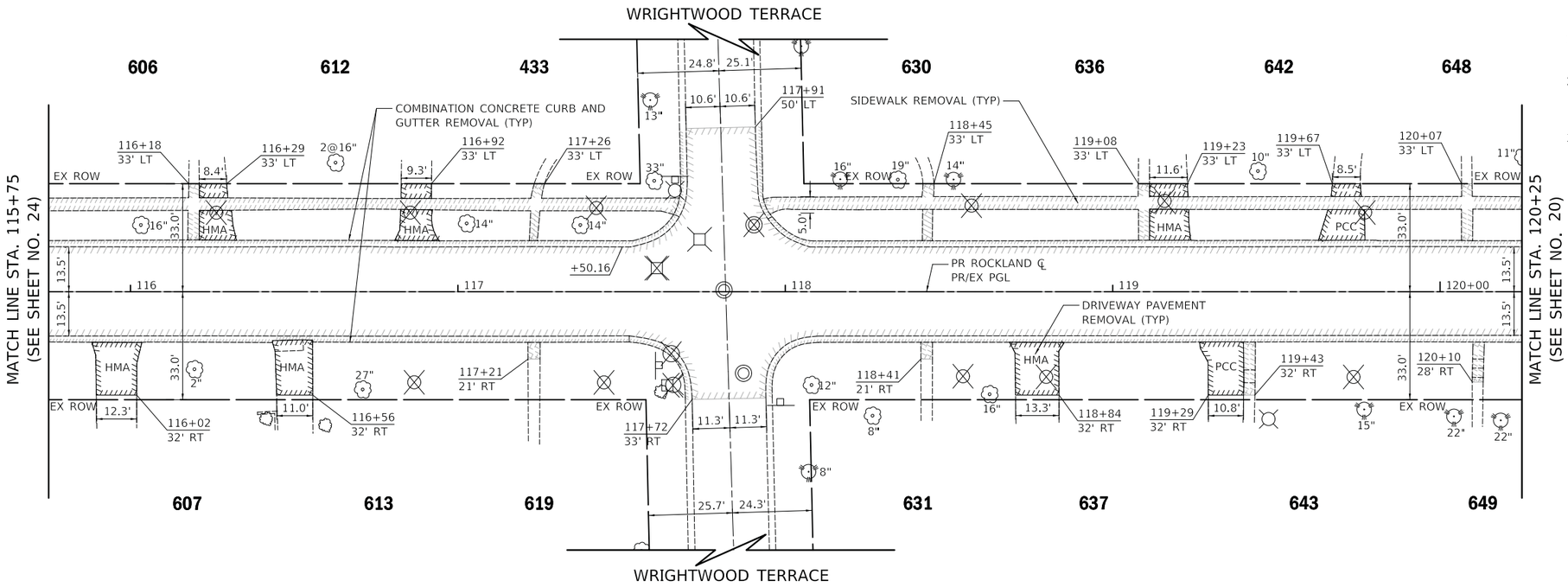

LEGEND

- HOUSE NUMBER

- REMOVAL ITEM

NOTES

1. THE REMOVAL OF DRAINAGE ITEMS CAN BE FOUND ON THE DRAINAGE PLANS.
2. THE REMOVAL OF WATERMAIN AND SANITARY ITEMS CAN BE FOUND ON THE SANITARY, WATERMAIN, AND UTILITY PLANS.
3. CONTRACTOR SHALL SCHEDULE A WALK-THROUGH WITH THE VILLAGE ARBORIST 847-918-2074 FOR TREE PROTECTIONS, TREE PRUNING, AND TREE ROOT PRUNING BEFORE CONSTRUCTION COMMENCEMENT. PLEASE PROVIDE AT LEAST 72-HOUR NOTICE TO VILLAGE ARBORIST PRIOR TO DESIRABLE WALK-THROUGH APPOINTMENT SESSION ON SITE.

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CIVILTECH

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	DRAWN - NEM	REVISED -
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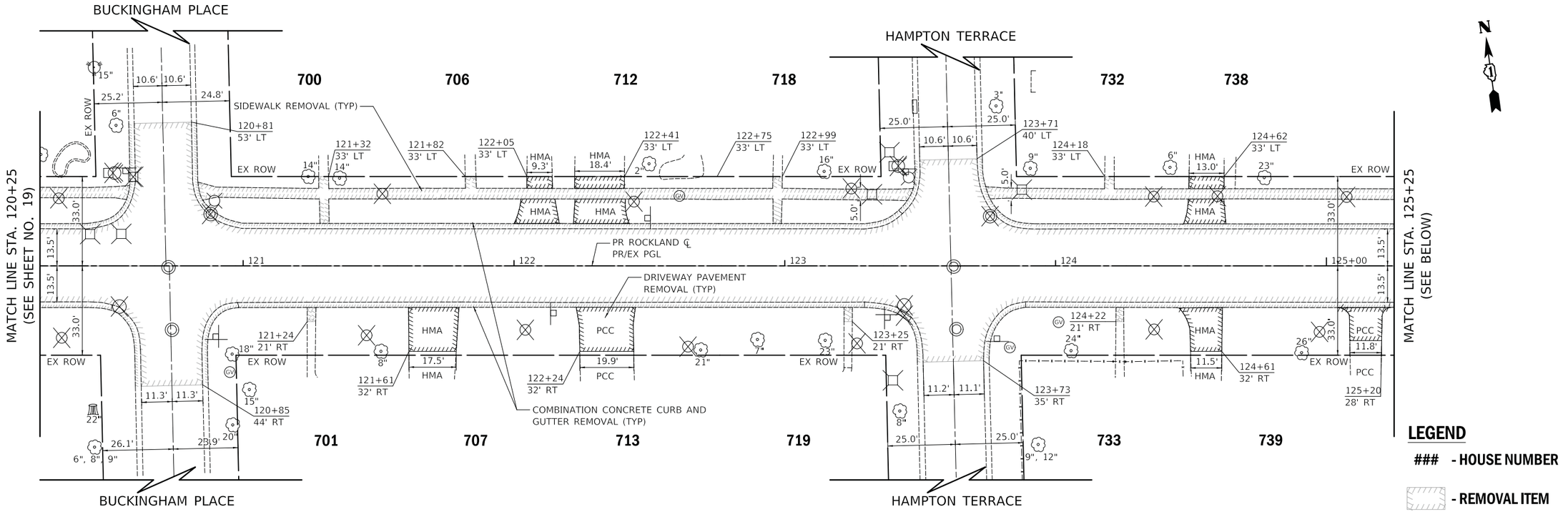
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
REMOVAL PLAN

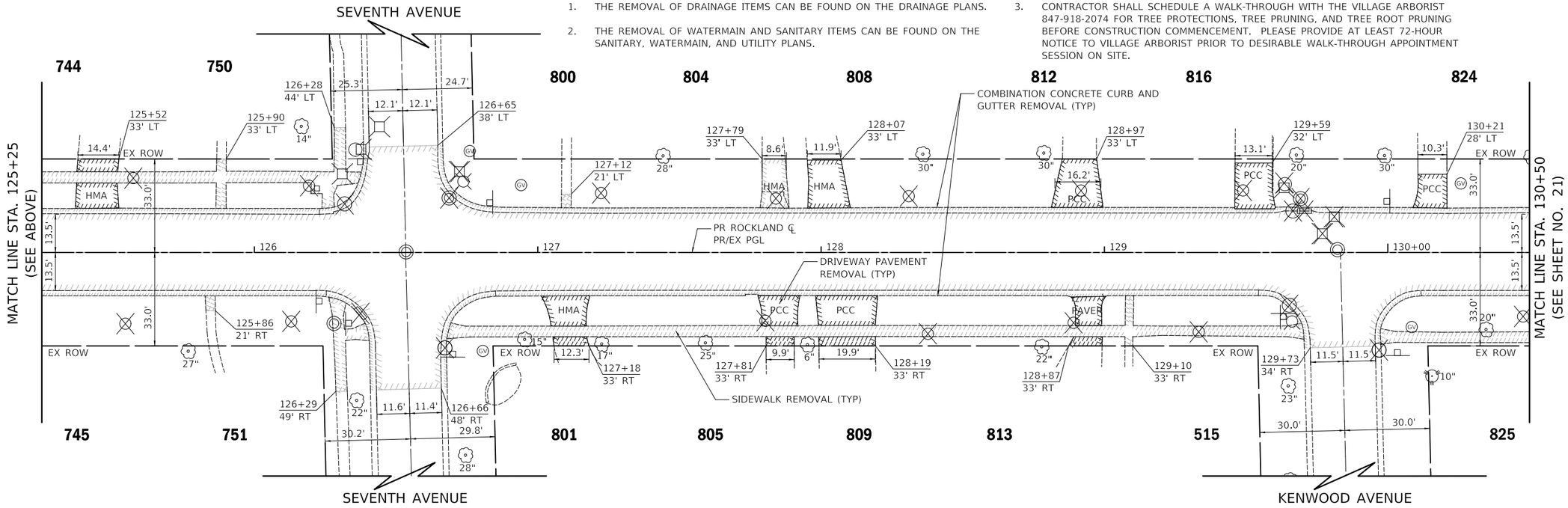
SCALE: 1" = 20' | SHEET 2 OF 4 SHEETS | STA. 110+50 TO STA. 115+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	19
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	



NOTES

1. THE REMOVAL OF DRAINAGE ITEMS CAN BE FOUND ON THE DRAINAGE PLANS.
2. THE REMOVAL OF WATERMAIN AND SANITARY ITEMS CAN BE FOUND ON THE SANITARY, WATERMAIN, AND UTILITY PLANS.
3. CONTRACTOR SHALL SCHEDULE A WALK-THROUGH WITH THE VILLAGE ARBORIST 847-918-2074 FOR TREE PROTECTIONS, TREE PRUNING, AND TREE ROOT PRUNING BEFORE CONSTRUCTION COMMENCEMENT. PLEASE PROVIDE AT LEAST 72-HOUR NOTICE TO VILLAGE ARBORIST PRIOR TO DESIRABLE WALK-THROUGH APPOINTMENT SESSION ON SITE.



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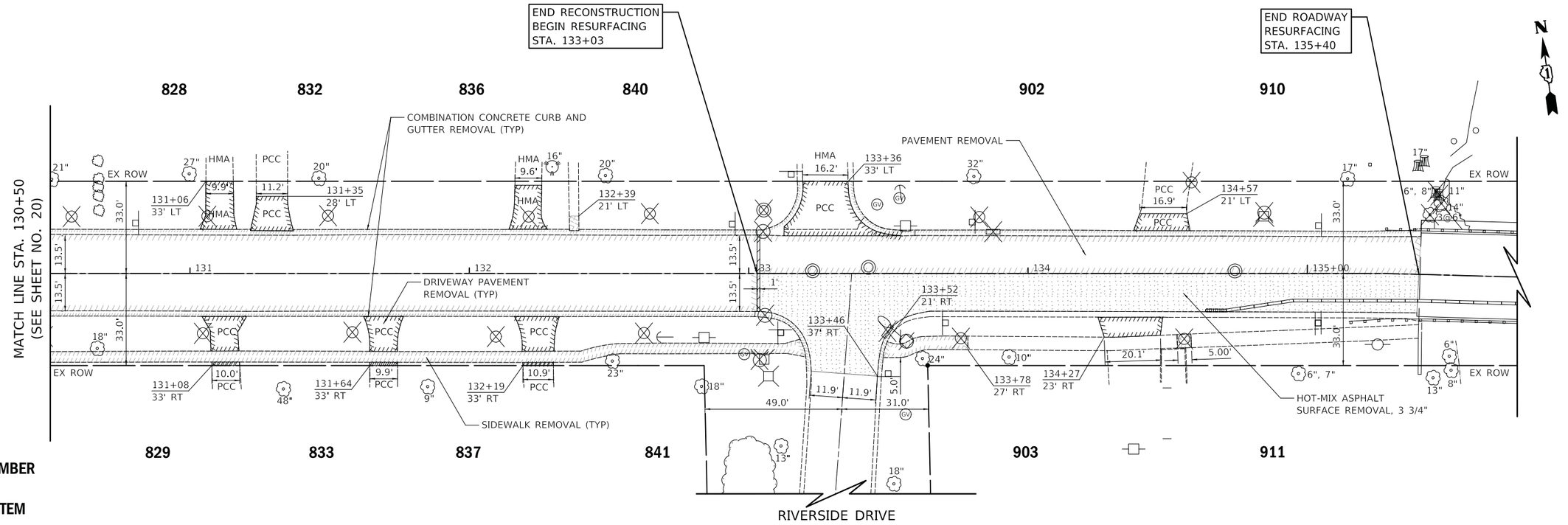
CIVILTECH	USER NAME = mc	DESIGNED - NEM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROCKLAND ROAD REMOVAL PLAN
		DRAWN - NEM	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -		SCALE: 1" = 20' | SHEET 3 OF 4 SHEETS | STA. 120+25 TO STA. 125+25
	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	20
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- HOUSE NUMBER

- REMOVAL ITEM

NOTES

1. THE REMOVAL OF DRAINAGE ITEMS CAN BE FOUND ON THE DRAINAGE PLANS.
2. THE REMOVAL OF WATERMAIN AND SANITARY ITEMS CAN BE FOUND ON THE SANITARY, WATERMAIN, AND UTILITY PLANS.
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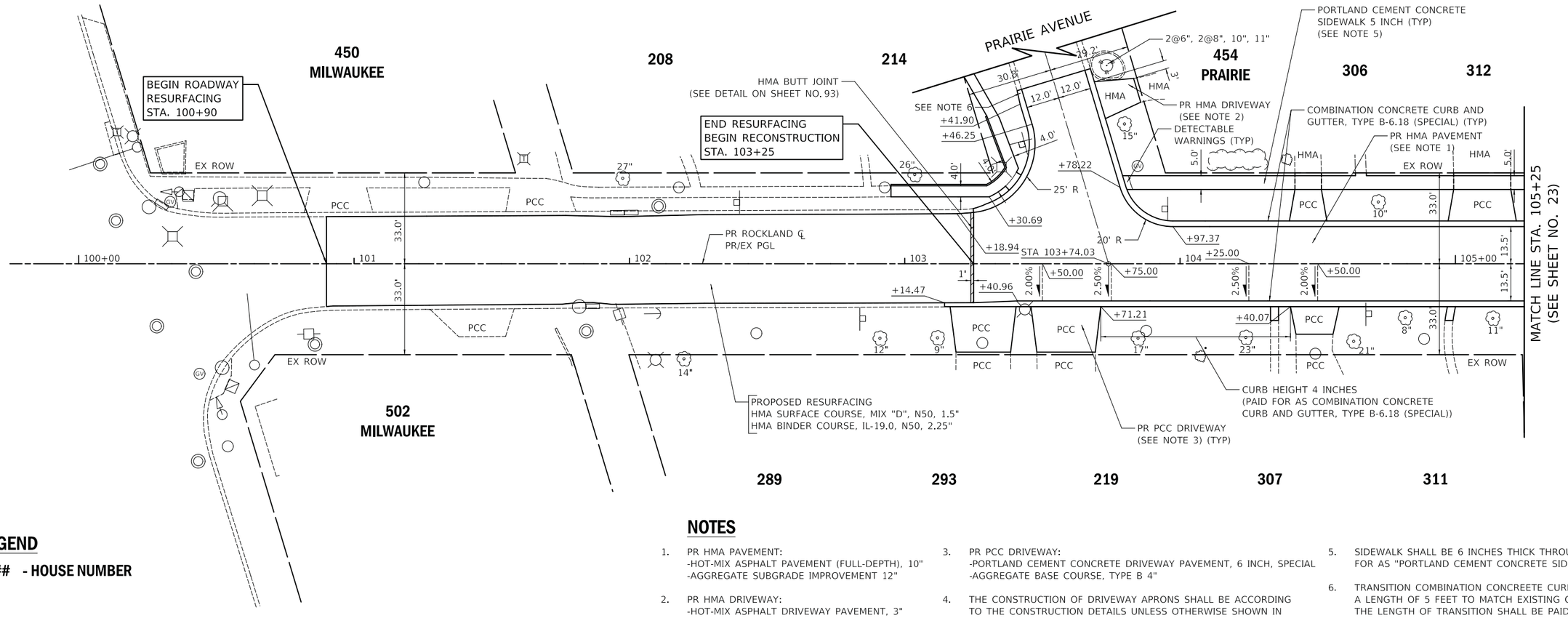
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
REMOVAL PLAN

SCALE: 1" = 20' | SHEET 4 OF 4 SHEETS | STA. 130+50 TO STA. 135+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	21
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

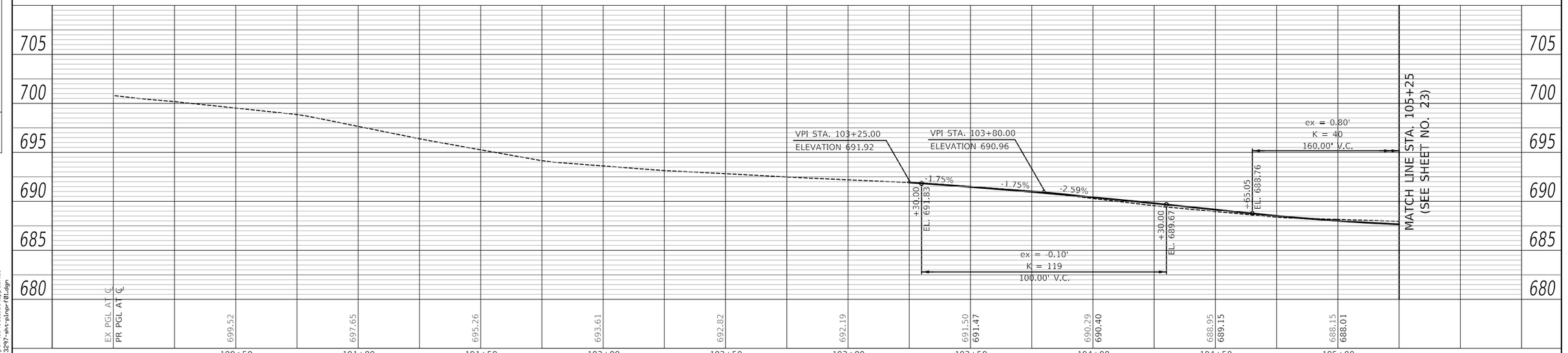


LEGEND

- HOUSE NUMBER

NOTES

1. PR HMA PAVEMENT:
   -HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
   -AGGREGATE SUBGRADE IMPROVEMENT 12"
2. PR HMA DRIVEWAY:
   -HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
   -AGGREGATE BASE COURSE, TYPE B 6"
3. PR PCC DRIVEWAY:
   -PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
   -AGGREGATE BASE COURSE, TYPE B 4"
4. THE CONSTRUCTION OF DRIVEWAY APRONS SHALL BE ACCORDING TO THE CONSTRUCTION DETAILS UNLESS OTHERWISE SHOWN IN THE ROADWAY PLANS.
5. SIDEWALK SHALL BE 6 INCHES THICK THROUGH DRIVEWAYS. (PAID FOR AS "PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH").
6. TRANSITION COMBINATION CONCREETE CURB AND GUTTER OVER A LENGTH OF 5 FEET TO MATCH EXISTING CURB AND GUTTER. THE LENGTH OF TRANSITION SHALL BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18".



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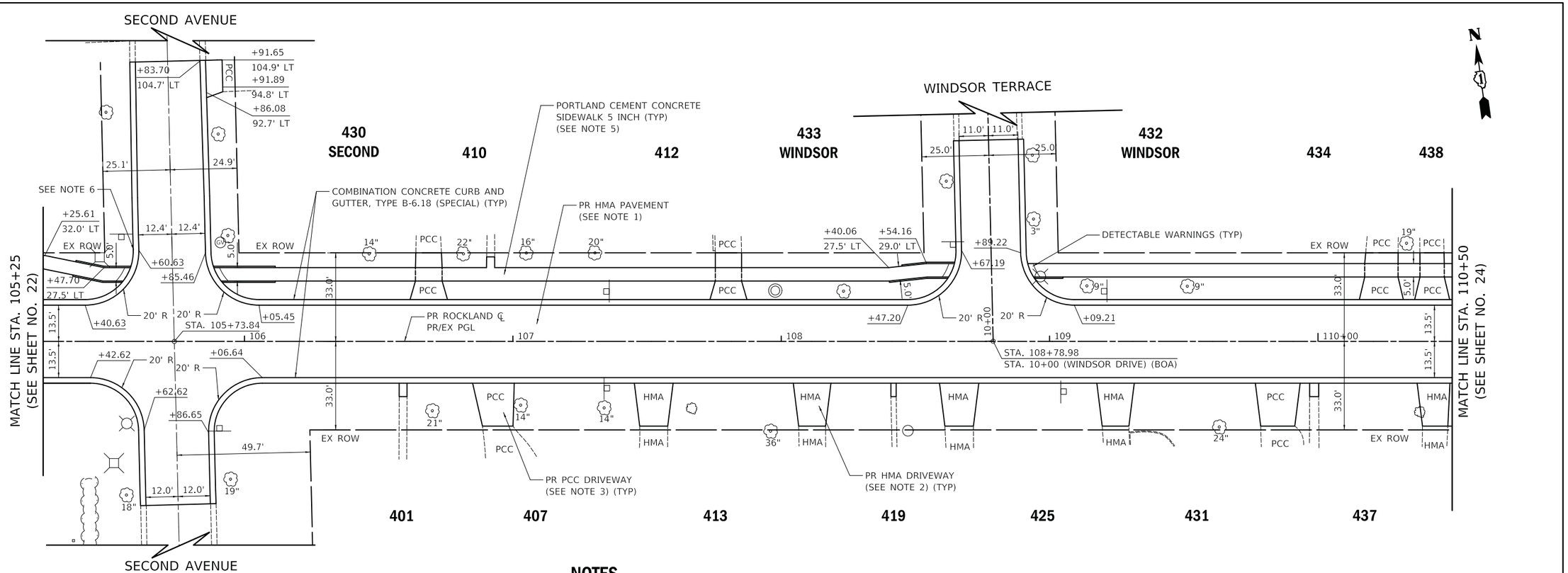
CIVILTECH	USER NAME = mc	DESIGNED - NEM	REVISED -
		DRAWN - NEM	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -
	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
ROADWAY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 1 OF 7 SHEETS | STA. 100+90 TO STA. 105+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	22
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

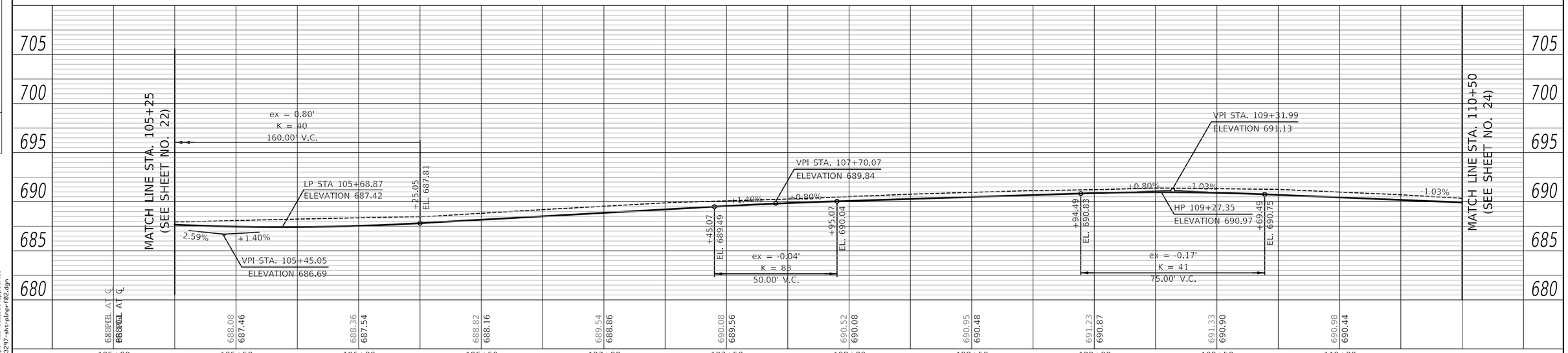


LEGEND

- HOUSE NUMBER

NOTES

1. PR HMA PAVEMENT:
   -HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
   -AGGREGATE SUBGRADE IMPROVEMENT 12"
2. PR HMA DRIVEWAY:
   -HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
   -AGGREGATE BASE COURSE, TYPE B 6"
3. PR PCC DRIVEWAY:
   -PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
   -AGGREGATE BASE COURSE, TYPE B 4"
4. THE CONSTRUCTION OF DRIVEWAY APRONS SHALL BE ACCORDING TO THE CONSTRUCTION DETAILS UNLESS OTHERWISE SHOWN IN THE ROADWAY PLANS.
5. SIDEWALK SHALL BE 6 INCHES THICK THROUGH DRIVEWAYS. (PAID FOR AS "PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH").
6. TRANSITION COMBINATION CONCREETE CURB AND GUTTER OVER A LENGTH OF 5 FEET TO MATCH EXISTING CURB AND GUTTER. THE LENGTH OF TRANSITION SHALL BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18".



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	DRAWN - NEM	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -	
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

CIVILTECH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
ROADWAY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 2 OF 7 SHEETS | STA. 105+25 TO STA. 110+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	23
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

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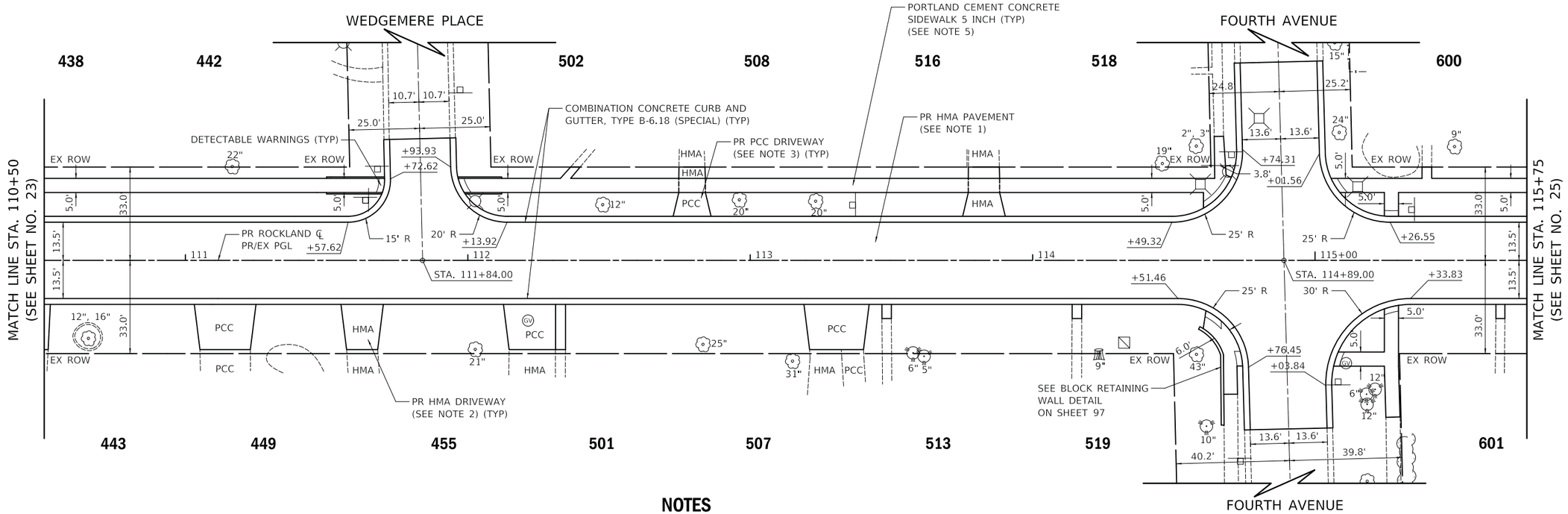
PROFILE: SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NO'S/PINS CHKD, NOTE BOOK, NO., BY, DATE

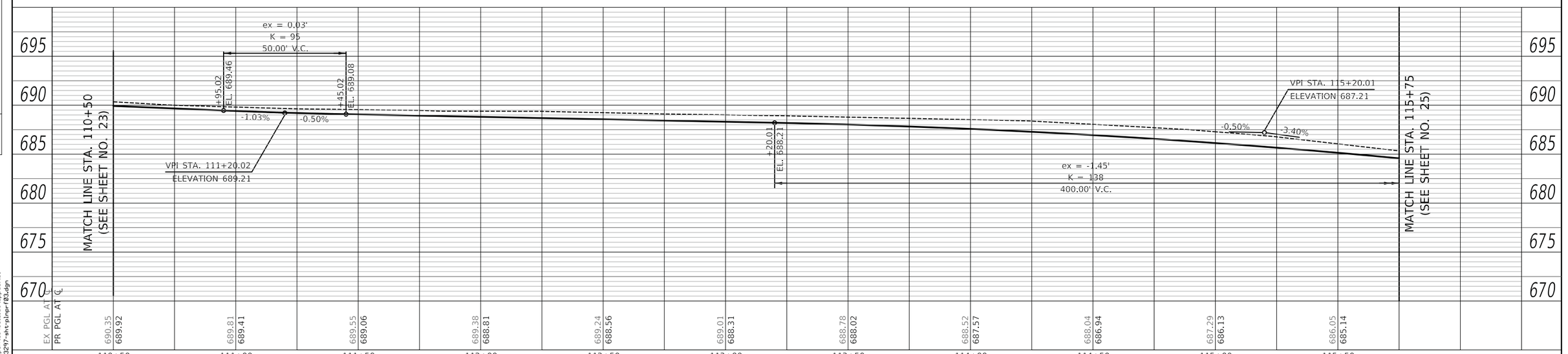


NOTES

1. PR HMA PAVEMENT:
   -HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
   -AGGREGATE SUBGRADE IMPROVEMENT 12"
2. PR HMA DRIVEWAY:
   -HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
   -AGGREGATE BASE COURSE, TYPE B 6"
3. PR PCC DRIVEWAY:
   -PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
   -AGGREGATE BASE COURSE, TYPE B 4"
4. THE CONSTRUCTION OF DRIVEWAY APRONS SHALL BE ACCORDING TO THE CONSTRUCTION DETAILS UNLESS OTHERWISE SHOWN IN THE ROADWAY PLANS.
5. SIDEWALK SHALL BE 6 INCHES THICK THROUGH DRIVEWAYS. (PAID FOR AS "PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH").

LEGEND

- HOUSE NUMBER



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	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
ROADWAY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 3 OF 7 SHEETS | STA. 110+50 TO STA. 115+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	24
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

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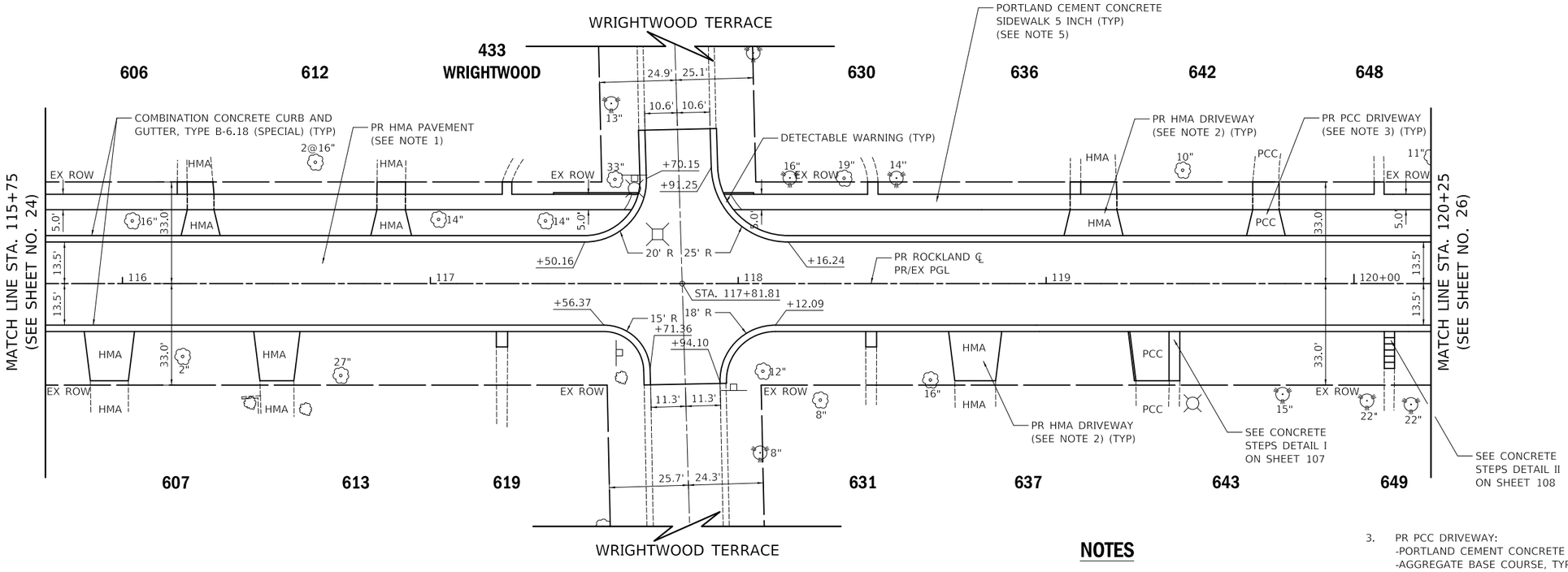
PROFILE: SURVEYED, PLOTTED, DRAWN, CHECKED, B.M. NOTED, STRUCTURE NO/ATHS CHKD, NOTE BOOK, NO., BY, DATE

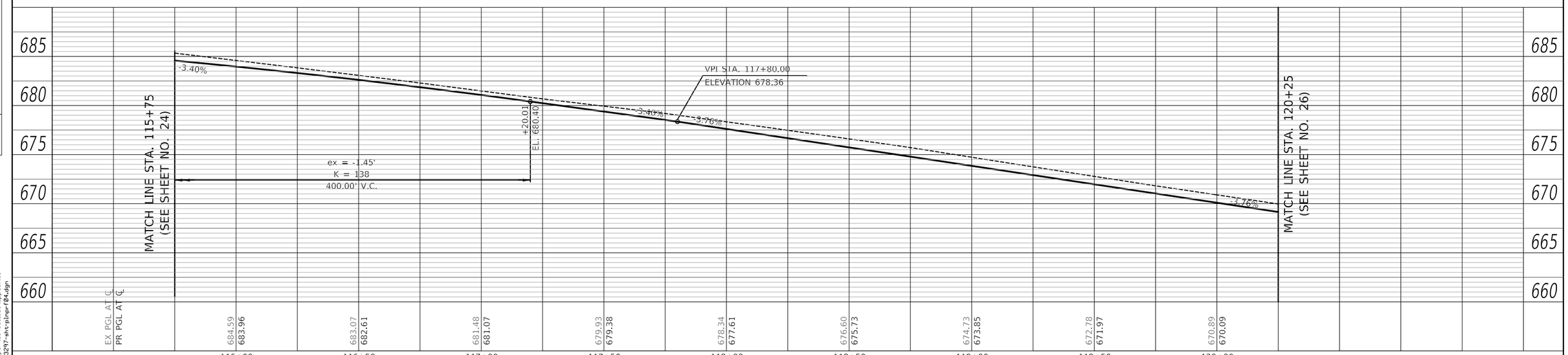


LEGEND

- HOUSE NUMBER

NOTES

1. PR HMA PAVEMENT:
   -HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
   -AGGREGATE SUBGRADE IMPROVEMENT 12"
2. PR HMA DRIVEWAY:
   -HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
   -AGGREGATE BASE COURSE, TYPE B 6"
3. PR PCC DRIVEWAY:
   -PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
   -AGGREGATE BASE COURSE, TYPE B 4"
4. THE CONSTRUCTION OF DRIVEWAY APRONS SHALL BE ACCORDING TO THE CONSTRUCTION DETAILS UNLESS OTHERWISE SHOWN IN THE ROADWAY PLANS.
5. SIDEWALK SHALL BE 6 INCHES THICK THROUGH DRIVEWAYS. (PAID FOR AS "PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH").



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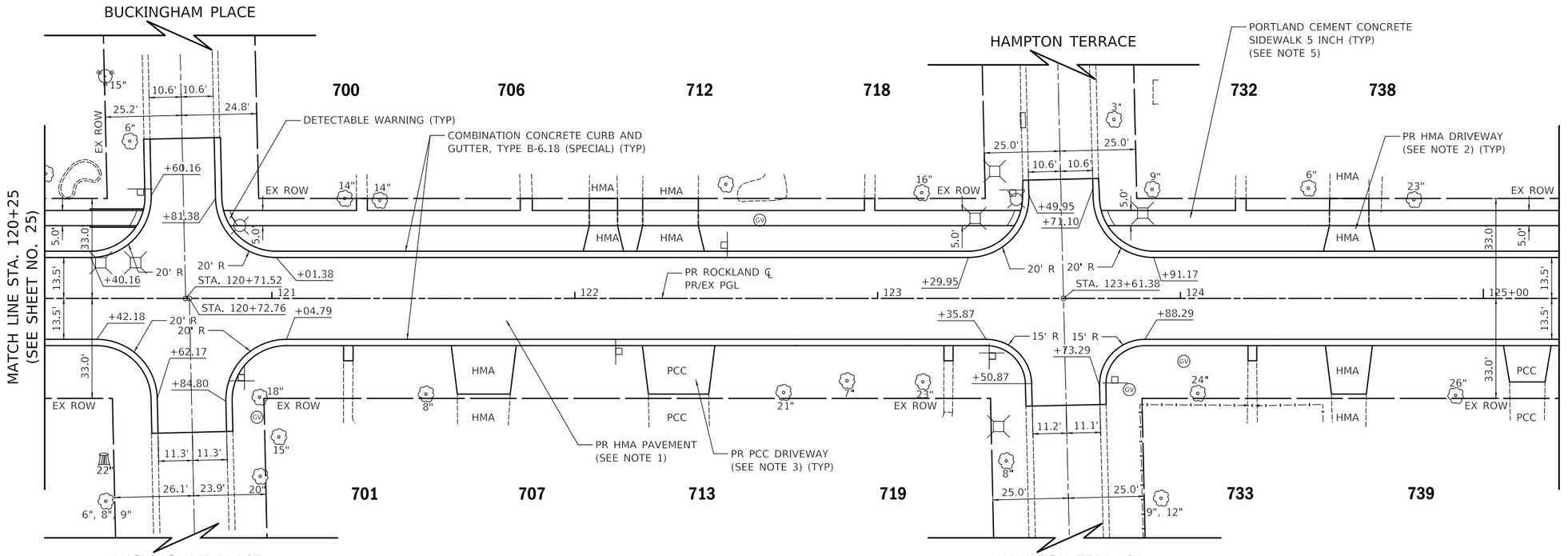
	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
ROADWAY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 4 OF 7 SHEETS | STA. 115+75 TO STA. 120+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	25
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

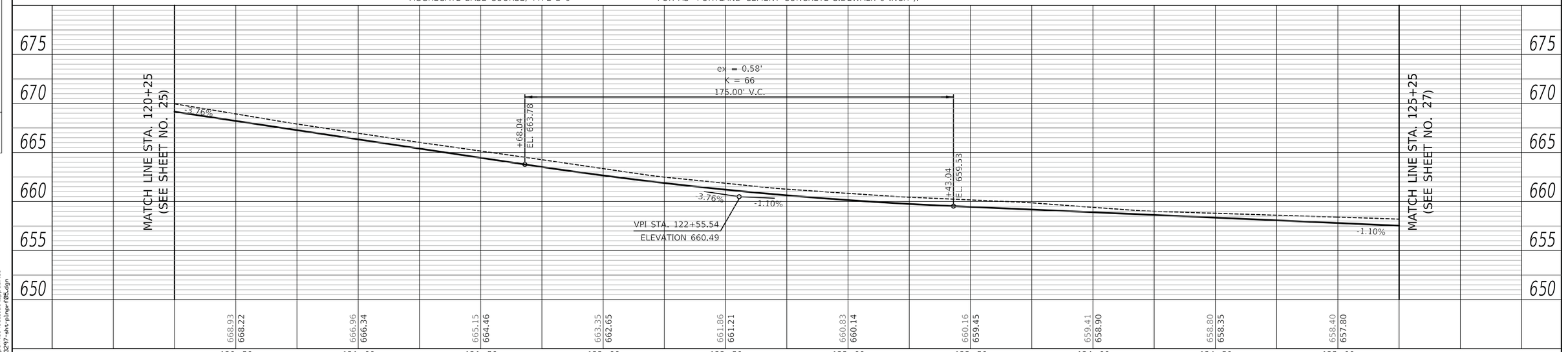


LEGEND

- HOUSE NUMBER

NOTES

1. PR HMA PAVEMENT:
   -HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
   -AGGREGATE SUBGRADE IMPROVEMENT 12"
2. PR HMA DRIVEWAY:
   -HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
   -AGGREGATE BASE COURSE, TYPE B 6"
3. PR PCC DRIVEWAY:
   -PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
   -AGGREGATE BASE COURSE, TYPE B 4"
4. THE CONSTRUCTION OF DRIVEWAY APRONS SHALL BE ACCORDING TO THE CONSTRUCTION DETAILS UNLESS OTHERWISE SHOWN IN THE ROADWAY PLANS.
5. SIDEWALK SHALL BE 6 INCHES THICK THROUGH DRIVEWAYS. (PAID FOR AS "PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH").



CIVILTECH	USER NAME = mc	DESIGNED - NEM	REVISED -
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	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
ROADWAY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 5 OF 7 SHEETS | STA. 120+25 TO STA. 125+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	26
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

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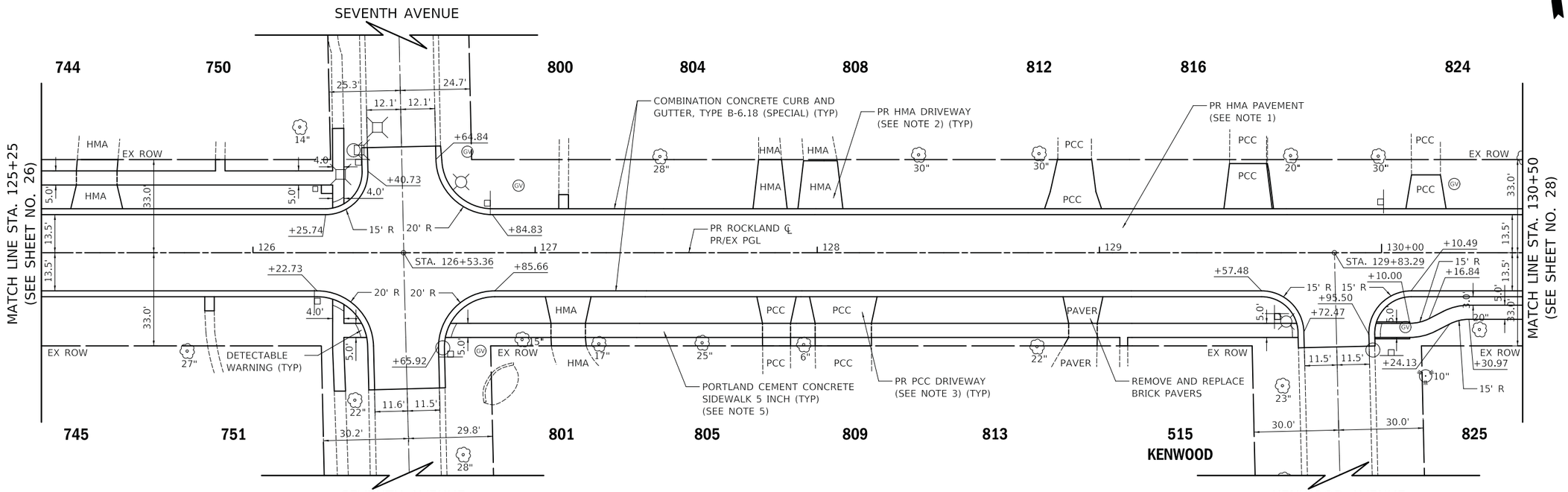
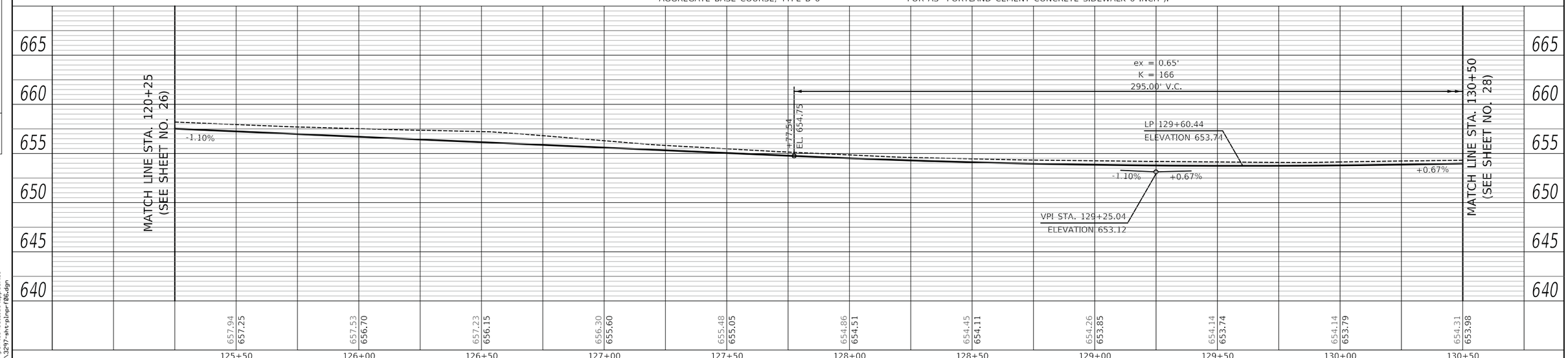


LEGEND

- HOUSE NUMBER

NOTES

1. PR HMA PAVEMENT:
   -HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
   -AGGREGATE SUBGRADE IMPROVEMENT 12"
2. PR HMA DRIVEWAY:
   -HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
   -AGGREGATE BASE COURSE, TYPE B 6"
3. PR PCC DRIVEWAY:
   -PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
   -AGGREGATE BASE COURSE, TYPE B 4"
4. THE CONSTRUCTION OF DRIVEWAY APRONS SHALL BE ACCORDING TO THE CONSTRUCTION DETAILS UNLESS OTHERWISE SHOWN IN THE ROADWAY PLANS.
5. SIDEWALK SHALL BE 6 INCHES THICK THROUGH DRIVEWAYS. (PAID FOR AS "PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH").



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CIVILTECH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
ROADWAY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 6 OF 7 SHEETS | STA. 125+25 | TO STA. 130+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	27
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

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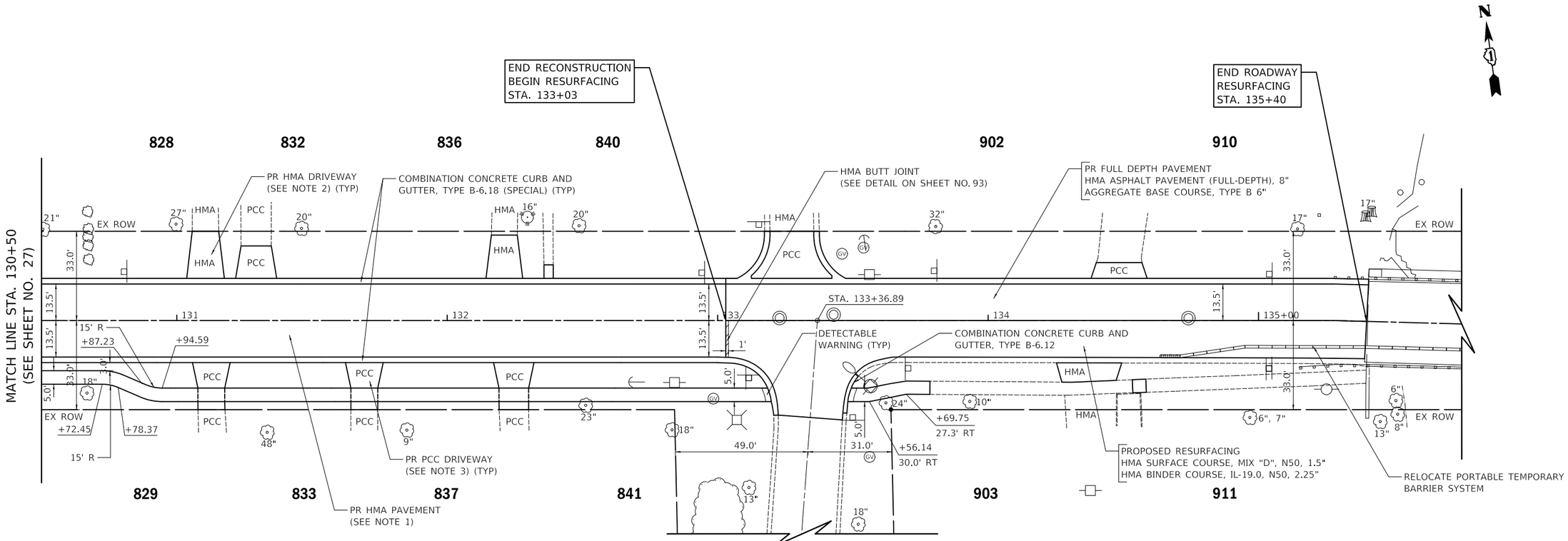
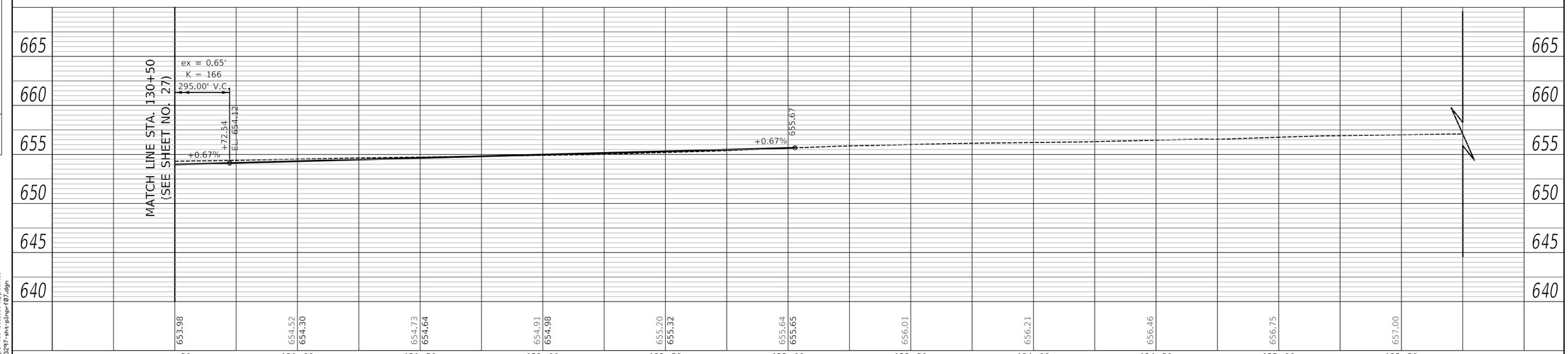


LEGEND

- HOUSE NUMBER

NOTES

1. PR HMA PAVEMENT:
   -HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
   -AGGREGATE SUBGRADE IMPROVEMENT 12"
2. PR HMA DRIVEWAY:
   -HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"
   -AGGREGATE BASE COURSE, TYPE B 6"
3. PR PCC DRIVEWAY:
   -PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
   -AGGREGATE BASE COURSE, TYPE B 4"
4. THE CONSTRUCTION OF DRIVEWAY APRONS SHALL BE ACCORDING TO THE CONSTRUCTION DETAILS UNLESS OTHERWISE SHOWN IN THE ROADWAY PLANS.
5. SIDEWALK SHALL BE 6 INCHES THICK THROUGH DRIVEWAYS. (PAID FOR AS "PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH").
6. TRANSITION COMBINATION CONCREETE CURB AND GUTTER OVER A LENGTH OF 5 FEET TO MATCH EXISTING CURB AND GUTTER. THE LENGTH OF TRANSITION SHALL BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18".



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CIVILTECH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
ROADWAY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 7 OF 7 SHEETS | STA. 130+50 TO STA. 135+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	28
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

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PLAN: SURVEYED, PLOTTED, CROSS CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NO/ATHS CHKD, NOTE BOOK, NO., BY, DATE

GENERAL NOTES

1. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST SEVEN CALENDAR DAYS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.

2. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STANDARD SPECIFICATIONS, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," AND AS DIRECTED BY THE ENGINEER.

3. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE FHWA "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND ILLINOIS SUPPLEMENT. ADDITIONAL SIGNING AND/OR BARRICADES DEEMED NECESSARY BY THE ENGINEER SHALL BE PROVIDED AND INSTALLED AT NO ADDTIONAL COST.

4. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND PHONE NUMBERS OF HIS/HER REPRESENTATIVES ON THE CONSTRUCTION SITE, AND HIS/HER REPRESENTATIVE RESPONSIBLE FOR THE DETOUR SIGNING, SEVEN CALENDAR DAYS PRIOR TO THE START OF WORK.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD LOCATION OF ALL DETOUR AND CONSTRUCTION SIGNING. THE CONTRACTOR MAY REQUEST THE ENGINEER TO FIELD VERIFY THE POSITIONS OF ANY SIGNS.

6. ACTUAL LOCATIONS FOR SIGNING SHOWN ON THE DETOUR PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

7. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE DETOUR IS IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.

8. ALL DETOUR SIGNING SHALL BE POST MOUNTED IN THE GROUND PER ARTICLE 701.8 AND STANDARD 701001.

9. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1106.01 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.

10. THE ROAD NAME SIGN SHALL BE A BLACK LEGEND ON ORANGE REFLECTIVE SHEETING. THE SIGN BLANK SHALL BE VARIABLE WITH DESIGN SERIES C LETTERS. THE CAPITAL LETTERS SHALL BE 6".

11. AT A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE DETOUR SIGNING SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1106.02 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE USED.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER DEVICES INSTALLED BY HIM/HER ARE IN PLACE AND OPERATING 24 HOURS EACH DAY, INCLUDING SUNDAYS AND HOLIDAYS.

13. THE "ROAD CLOSED" (R11-2 & R11-4) SIGNS SHALL BE MOUNTED ABOVE THE TYPE III BARRICADES. ALL TYPE III BARRICADES SHALL HAVE 2 AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINES OF THE SUPPORTS.

14. TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THRU TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH EACH FOR A SINGLE APPROACH LANE. ALL BARRICADES AT THESE LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON THE BACK SIDES OF THE BARRICADES.

15. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS SHALL APPLY.

16. DURING NON-WORKING HOURS THE CONTRACTOR SHALL PROVIDE A MEANS TO RESTRAIN THE TYPE III BARRICADES FROM EASY MOVEMENT BY VANDALS. THE CHOSEN METHOD SHALL BE APPROVED BY THE ENGINEER.

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNS, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.

18. THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS BEFORE THE ROAD IS TO BE REOPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.

19. ANY ADDITIONAL SIGNS REQUIRED BEYOND WHAT IS SHOWN IN THE DETOUR PLANS, OR AS DIRECTED BY THE ENGINEER, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

20. THE COST OF THIS WORK FOR ALL DETOURS SHALL BE INCLUDED IN THE UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

21. THE CONTRACTOR SHALL CONTACT THE IDOT SUPERVISOR AT 847-705-4470 72 HOURS IN ADVANCE OF BEGINNING WORK.

22. WORKERS (W21-1(0)) AND/OR FLAGGERS (W20-7(0)) SHALL BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

CONSTRUCTION SEQUENCE

THIS CONSTRUCTION SEQUENCE WAS DEVELOPED TO MINIMIZE DISRUPTION OF ACCESS TO PROPERTY OWNERS DRIVEWAYS. THIS CONSTRUCTION SEQUENCE SHALL BE FOLLOWED UNLESS ALTERNATE SEQUENCE IS APPROVED BY THE ENGINEER.

PRE–STAGE

1. SET UP EROSION CONTROL

STAGE 1

1. INSTALL WATER MAIN FROM SEVENTH AVENUE TO DES PLAINES RIVER USING DAILY LANE CLOSURES. IDOT STANDARDS 701501-06, 701701-10 AND 701801-06.

2. SET UP DETOUR PLAN

STAGE 2

1. INSTALL REMAINING WATER MAIN

2. INSTALL STORM AND SANITARY WORK
   -CONTRACTOR SHALL LOCATE AND DETERMINE THE ELEVATION OF THE EXISTING SANITARY SERVICES BETWEEN SEVENTH AVENUE AND DES PLAINES RIVER. THE ENGINEER WILL DETERMINE IF EXISTING SERVICES CAN BE REPLACED OVER PROPOSED STORM SEWER AND STILL MAKE INSTALLATION TO EXISTING SANITARY MAIN. IF IT IS DETERMINED CONNECTIONS CANNOT BE MADE THEN PROPOSED SANITARY SEWER SHALL BE INSTALLED.

3. INSTALL TEMPORARY PAVEMENT

4. INSTALL TEMPORARY PAVEMENT MARKINGS

5. TEMPORARY LANDSCAPE

6. OPEN ROADWAY TO 2-WAY TRAFFIC
   - COVER DETOUR SIGNS

WINTER SHUTDOWN

1. NO WORK SHALL BE COMPLETED BETWEEN DEC. 1, 2019 AND MARCH 30, 2020 WITHOUT THE APPROVAL OF THE ENGINEER.

2. TWO-WAY TRAFFIC SHALL BE MAINTAINED.

STAGE 3

1. SET UP DETOUR PLAN (SHALL BE COORDINATED WITH CONTRACTOR TO THE WEST)

2. REMOVE CURB AND GUTTER, SIDEWALK AND DRIVEWAYS

3. INSTALL CURB AND GUTTER, SIDEWALK AND DRIVEWAYS

4. REMOVE PAVEMENT

5. REMOVE AND REPLACE UNDERCUTS

6. INSTALL PAVEMENT TO HMA BINDER

7. LANDSCAPE

STAGE 4

1. REMOVE CURB AND GUTTER, SIDEWALK AND DRIVEWAYS

2. INSTALL CURB AND GUTTER, SIDEWALK AND DRIVEWAYS

3. REMOVE PAVEMENT

4. REMOVE AND REPLACE UNDERCUTS

5. INSTALL PAVEMENT TO HMA BINDER

6. LANDSCAPE

7. INSTALL PERMANENT SIGNING

8. PAVE HMA SURFACE

9. INSTALL PERMANENT PAVEMENT MARKINGS

POST–STAGE

1. REMOVE DETOUR PLAN

2. PUNCH LIST ITEMS

DRIVEWAY ACCESS

ACCESS TO DRIVEWAYS SHALL BE PROVIDED AT THE END OF EACH WORK DAY EXCEPT WHEN CURB AND GUTTER IS INSTALLED. ACCESS TO DRIVEWAYS SHALL NOT BE RESTRICTED FOR MORE THAN TWO WEEKS IN TOTAL DURING CONSTRUCTION.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
GENERAL NOTES

SCALE: N.T.S. | SHEET 1 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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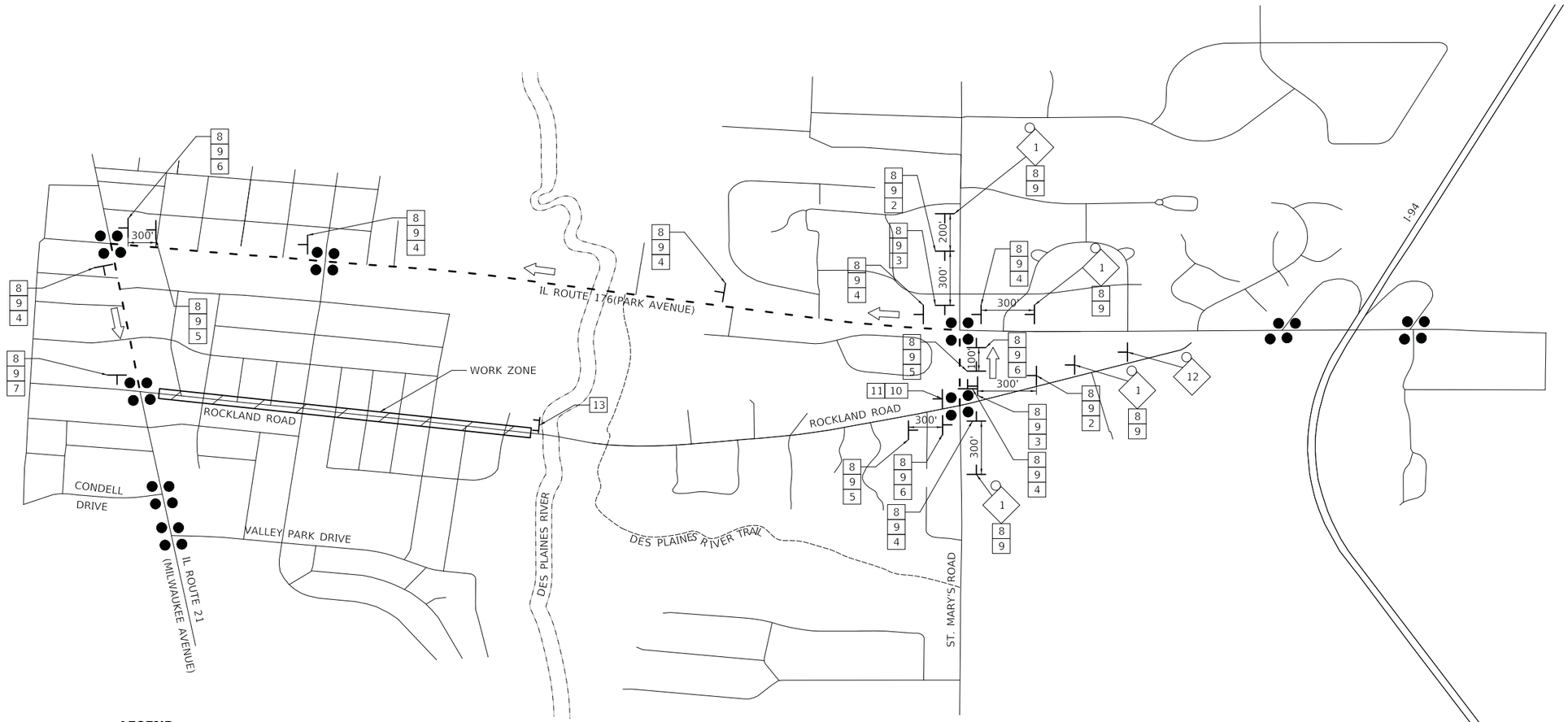
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



LEGEND

- SIGNALIZED INTERSECTION
- 48" X 48" CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT (NUMBER DENOTES TYPE)
- M4-9 SERIES DETOUR SIGN WITH ROAD NAME & DIRECTION PLATES (NUMBER DENOTES TYPE)
- OTHER DETOUR SIGN (NUMBER DENOTES TYPE)
- TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
- DETOUR ROUTE
- DETOUR ROUTE DIRECTION
- SIGN POST (7' HEIGHT, TYP) ALL SIGNS TO BE POST-MOUNTED WHEREVER POSSIBLE (SEE NOTE 9)
- WORK ZONE

SIGN NO.	SIGN TYPE	
1	DETOUR AHEAD	W20-2(0)-48
2	DETOUR →	M4-9R(0)-3030
3	DETOUR →	M4-9R(0)-3024
4	DETOUR ↑	M4-9(0)-3030
5	DETOUR ←	M4-9L(0)-3030
6	DETOUR ←	M4-9L(0)-3024
7	END DETOUR	M4-8a(0)-249
8	WEST	M3-4(0)-2412
9	Rockland Rd	W17-I100-5012
10	ROAD CLOSED ½ MILE AHEAD LOCAL TRAFFIC ONLY	R11-3a
11	DETOUR →	M4-10R(O)-4818
12	ROAD CLOSED AHEAD	W20-3-4848
13	ROAD CLOSED	R11-2-4830

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
ROCKLAND ROAD DETOUR PLAN

SCALE: 1" = 100 | SHEET 2 OF 18 SHEETS | STA. | TO STA.

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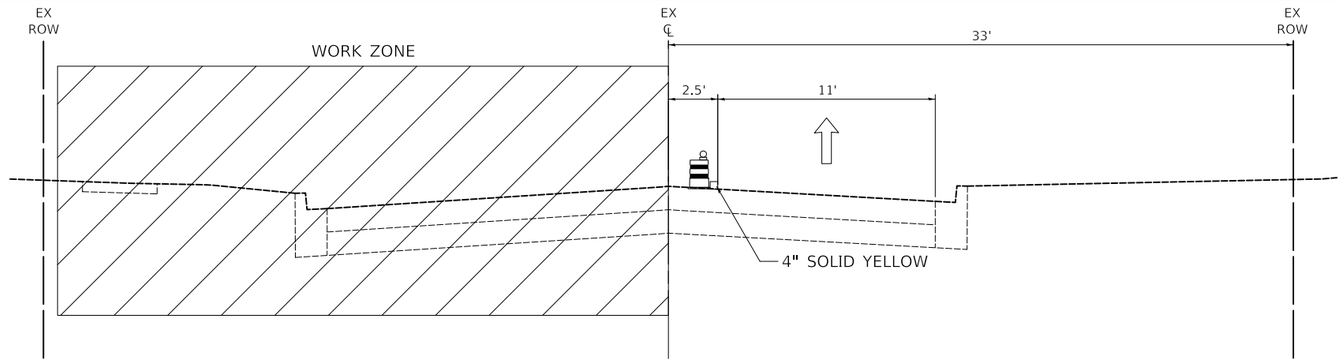
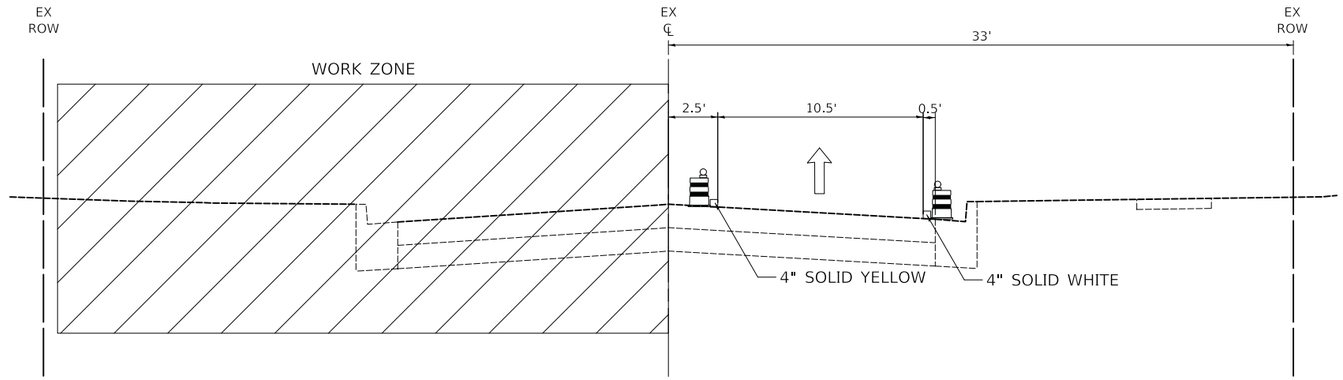
	ILLINOIS FED. AID PROJECT			



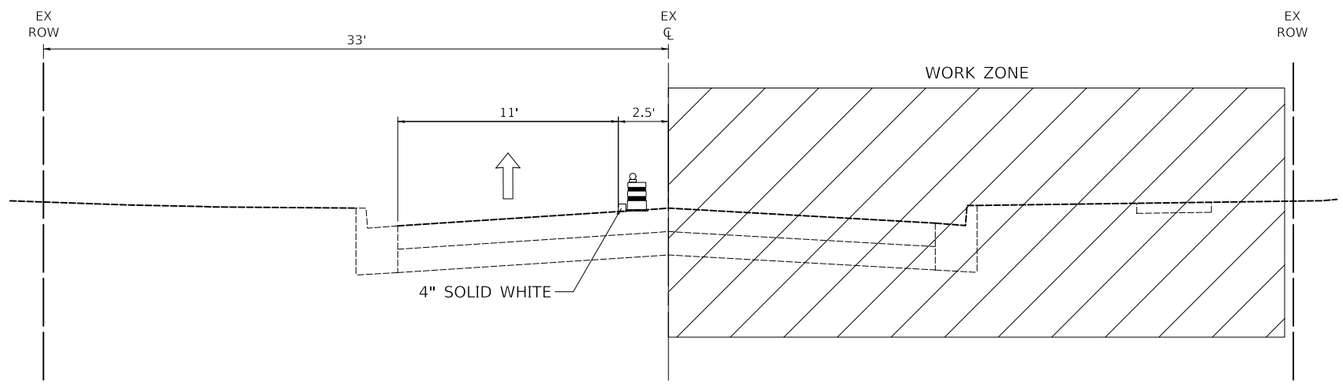
MAINTENANCE OF TRAFFIC STAGE 2 TYPICAL SECTION - ROCKLAND ROAD

STA. 102+15 TO STA. 133+65



MAINTENANCE OF TRAFFIC STAGE 2 TYPICAL SECTION - ROCKLAND ROAD

STA. 133+65 TO STA. 135+40



MAINTENANCE OF TRAFFIC STAGE 3 TYPICAL SECTION - ROCKLAND ROAD

STA. 102+75 TO STA. 135+40

LEGEND

- DRUMS
- DIRECTION OF TRAFFIC FLOW
- TEMPORARY PAVEMENT MARKING
- WORK ZONE

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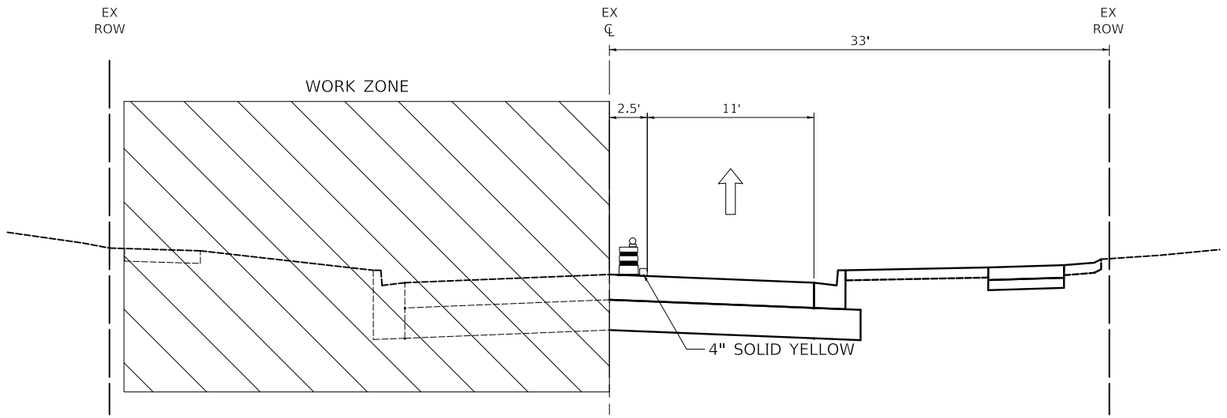
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS

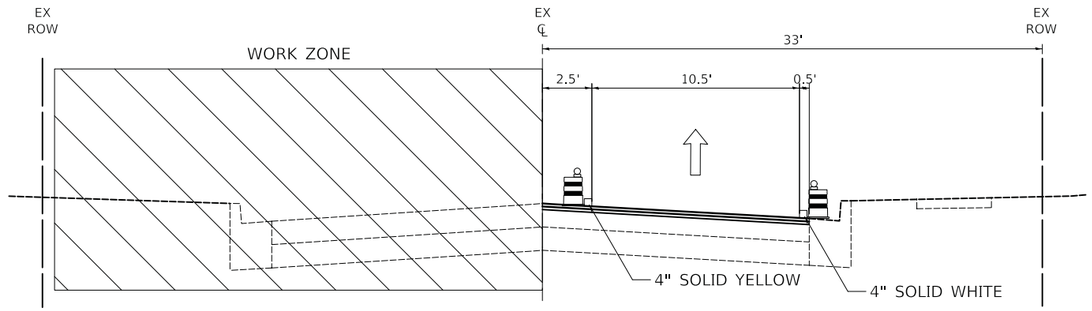
SCALE: N.T.S | SHEET 3 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	31
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



MAINTENANCE OF TRAFFIC STAGE 4 TYPICAL SECTION - ROCKLAND ROAD

STA. 102+15 TO STA. 133+65



MAINTENANCE OF TRAFFIC STAGE 4 TYPICAL SECTION - ROCKLAND ROAD

STA. 133+65 TO STA. 135+40

LEGEND

- DRUMS
- DIRECTION OF TRAFFIC FLOW
- TEMPORARY PAVEMENT MARKING
- WORK ZONE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - TYPICAL SECTIONS

SCALE: N.T.S | SHEET 4 OF 18 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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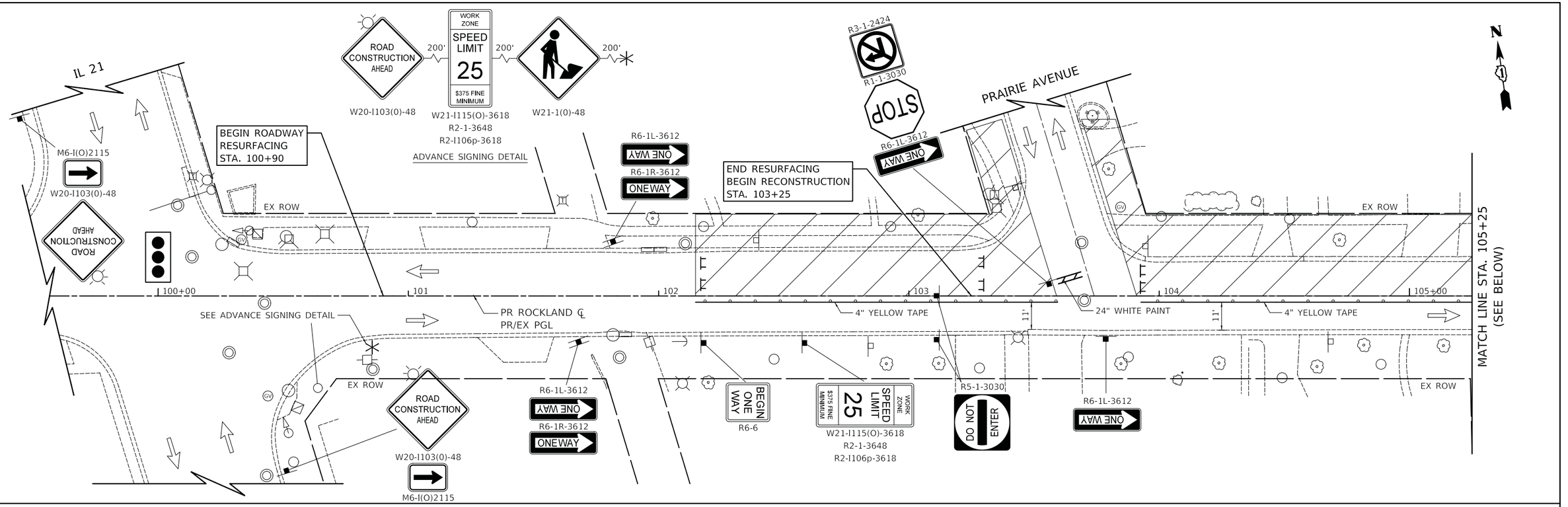
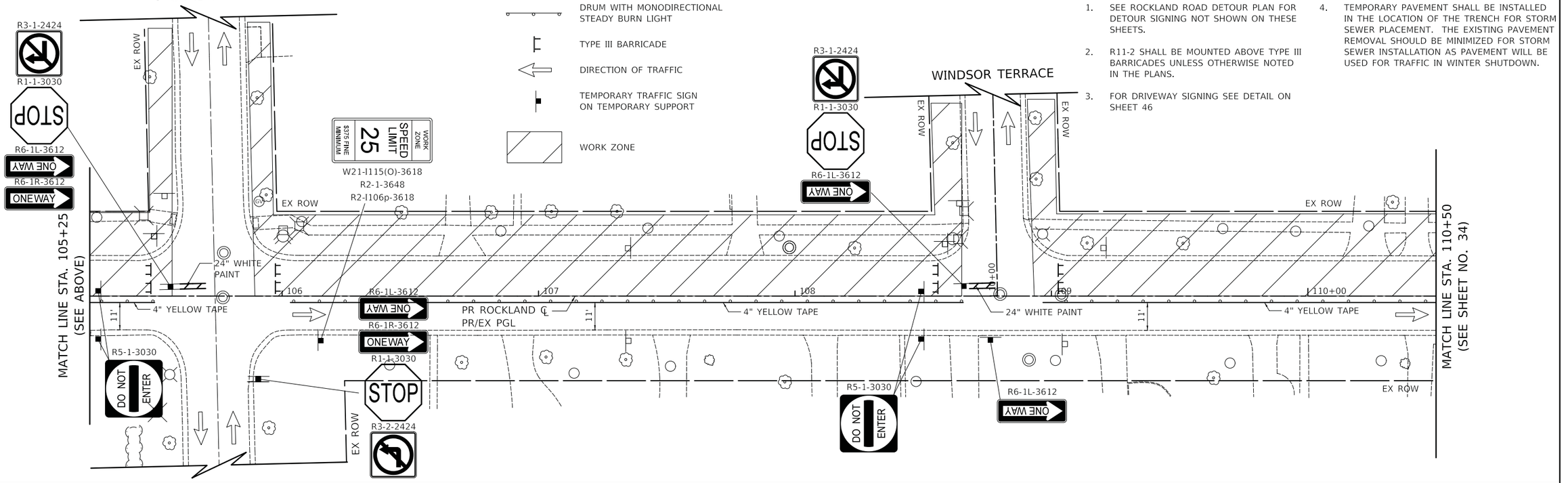
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			





LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46
4. TEMPORARY PAVEMENT SHALL BE INSTALLED IN THE LOCATION OF THE TRENCH FOR STORM SEWER PLACEMENT. THE EXISTING PAVEMENT REMOVAL SHOULD BE MINIMIZED FOR STORM SEWER INSTALLATION AS PAVEMENT WILL BE USED FOR TRAFFIC IN WINTER SHUTDOWN.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1" = 20' | SHEET 5 OF 18 SHEETS | STA. 100+90 TO STA. 110+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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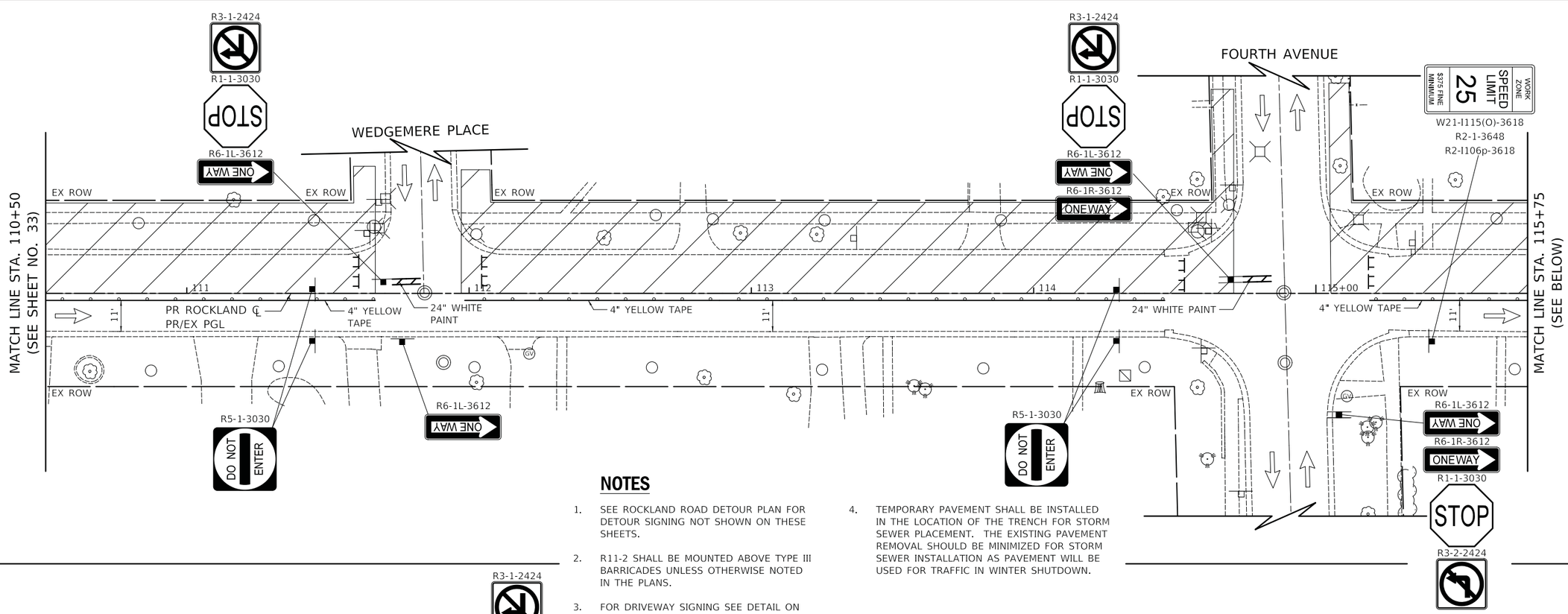
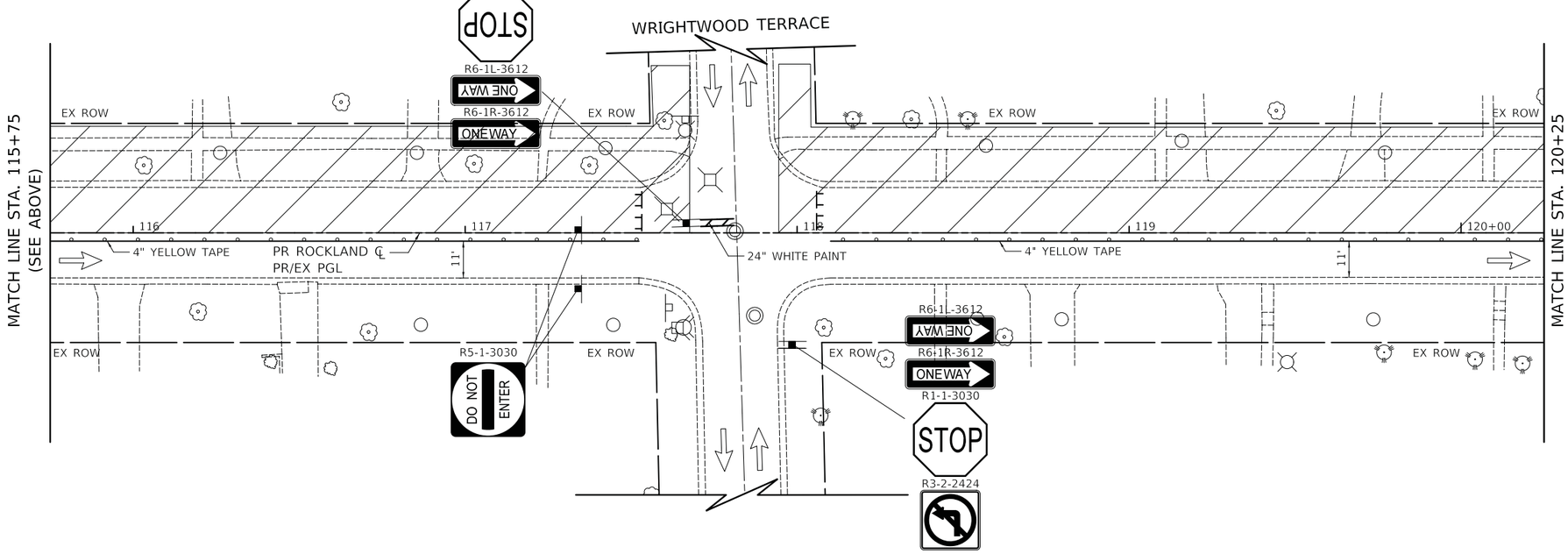
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	





NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46
4. TEMPORARY PAVEMENT SHALL BE INSTALLED IN THE LOCATION OF THE TRENCH FOR STORM SEWER PLACEMENT. THE EXISTING PAVEMENT REMOVAL SHOULD BE MINIMIZED FOR STORM SEWER INSTALLATION AS PAVEMENT WILL BE USED FOR TRAFFIC IN WINTER SHUTDOWN.

LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

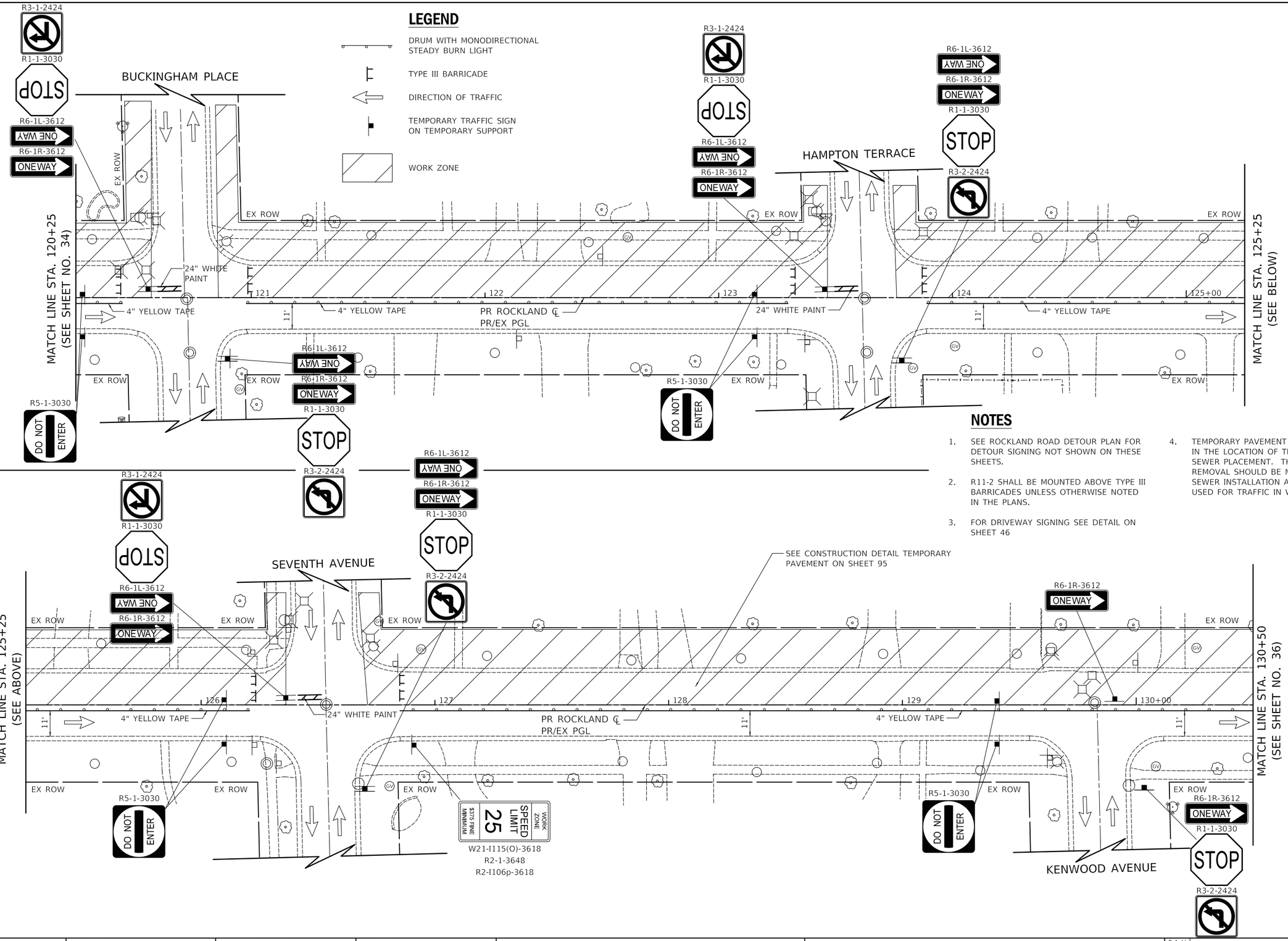
ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1" = 20' | SHEET 6 OF 18 SHEETS | STA. 110+50 TO STA. 120+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	34
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE



NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46
4. TEMPORARY PAVEMENT SHALL BE INSTALLED IN THE LOCATION OF THE TRENCH FOR STORM SEWER PLACEMENT. THE EXISTING PAVEMENT REMOVAL SHOULD BE MINIMIZED FOR STORM SEWER INSTALLATION AS PAVEMENT WILL BE USED FOR TRAFFIC IN WINTER SHUTDOWN.

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CIVILTECH

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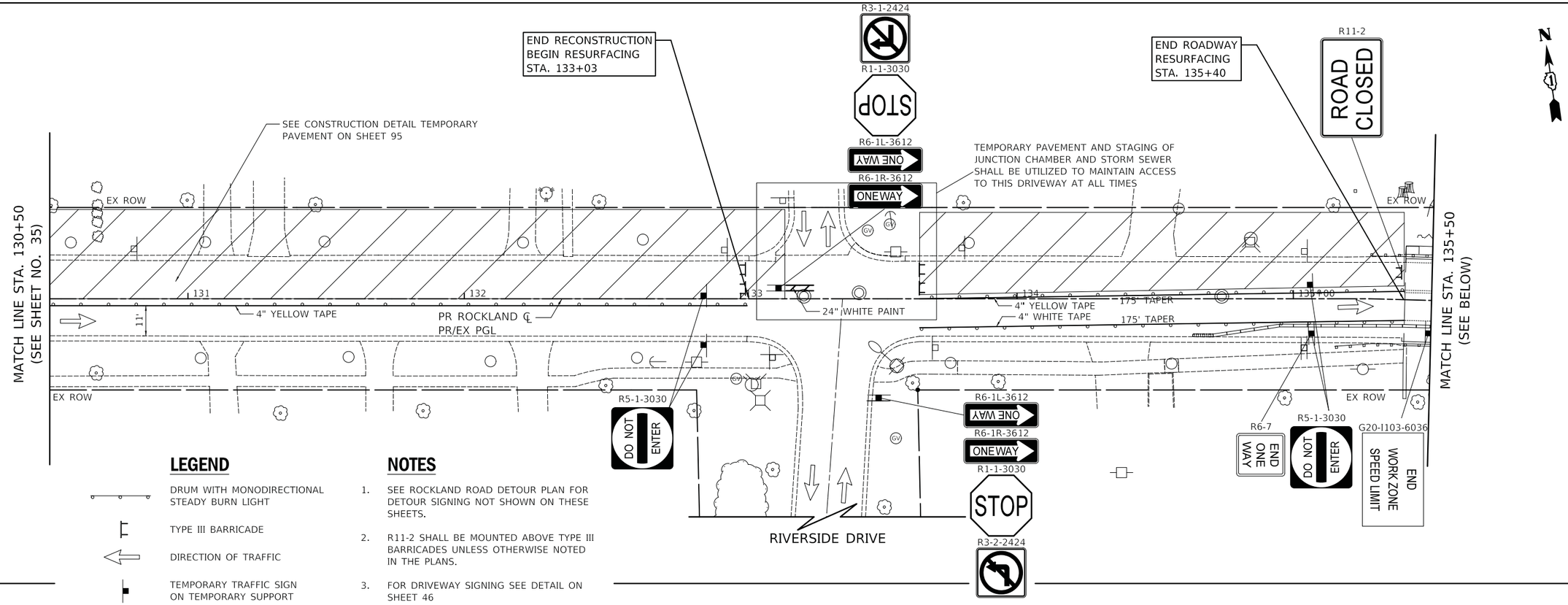
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1" = 20' | SHEET 7 OF 18 SHEETS | STA. 120+25 TO STA. 130+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	35
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

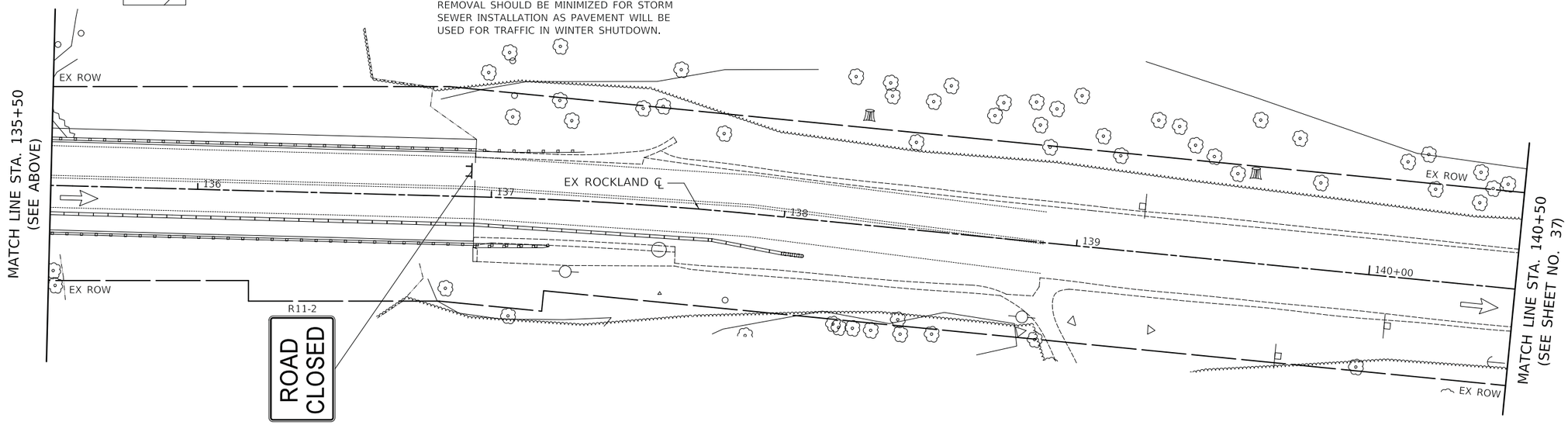


LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46
4. TEMPORARY PAVEMENT SHALL BE INSTALLED IN THE LOCATION OF THE TRENCH FOR STORM SEWER PLACEMENT. THE EXISTING PAVEMENT REMOVAL SHOULD BE MINIMIZED FOR STORM SEWER INSTALLATION AS PAVEMENT WILL BE USED FOR TRAFFIC IN WINTER SHUTDOWN.



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CIVILTECH

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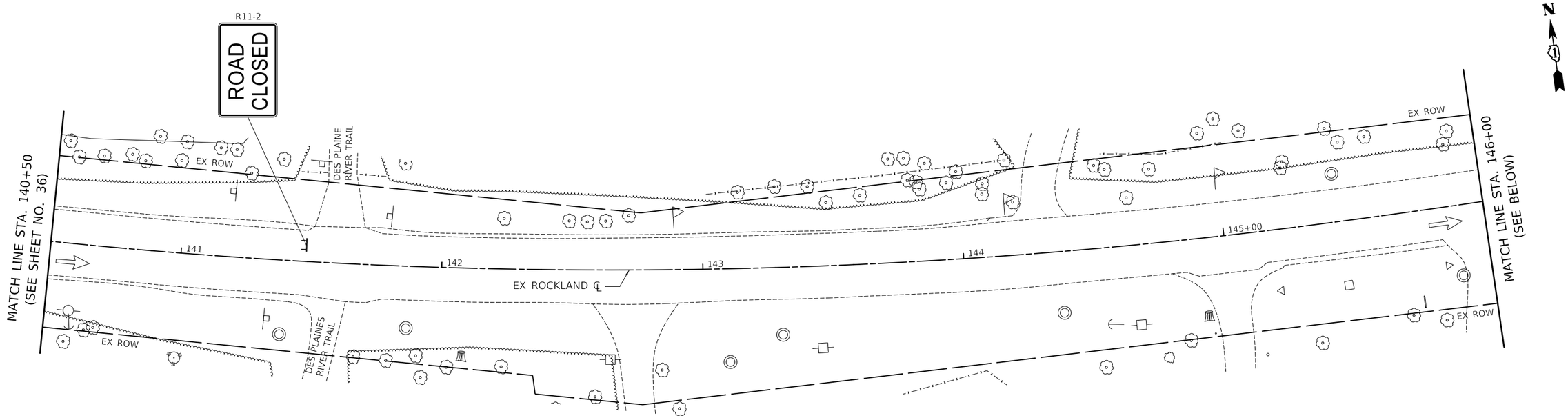
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1" = 20' | SHEET 8 OF 18 SHEETS | STA. 130+50 TO STA. 140+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	36
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

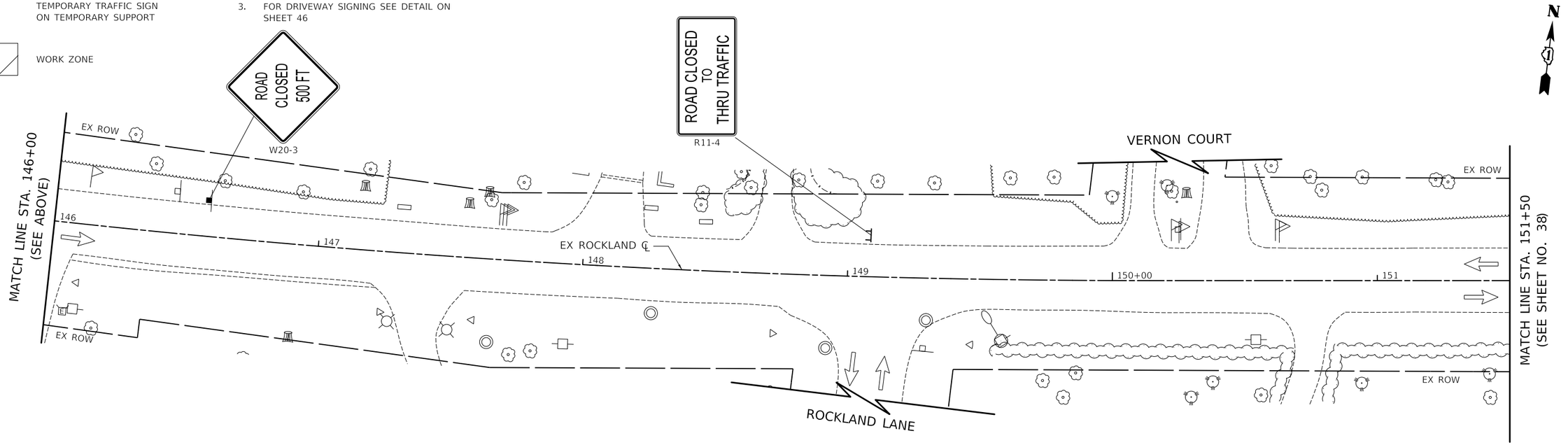


LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46



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CIVILTECH

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	DRAWN - MC	REVISED -	
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PLOT DATE = 2/15/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1" = 20' | SHEET 9 OF 18 SHEETS | STA. 140+50 TO STA. 151+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	37
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

LEGEND

DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT

TYPE III BARRICADE

DIRECTION OF TRAFFIC

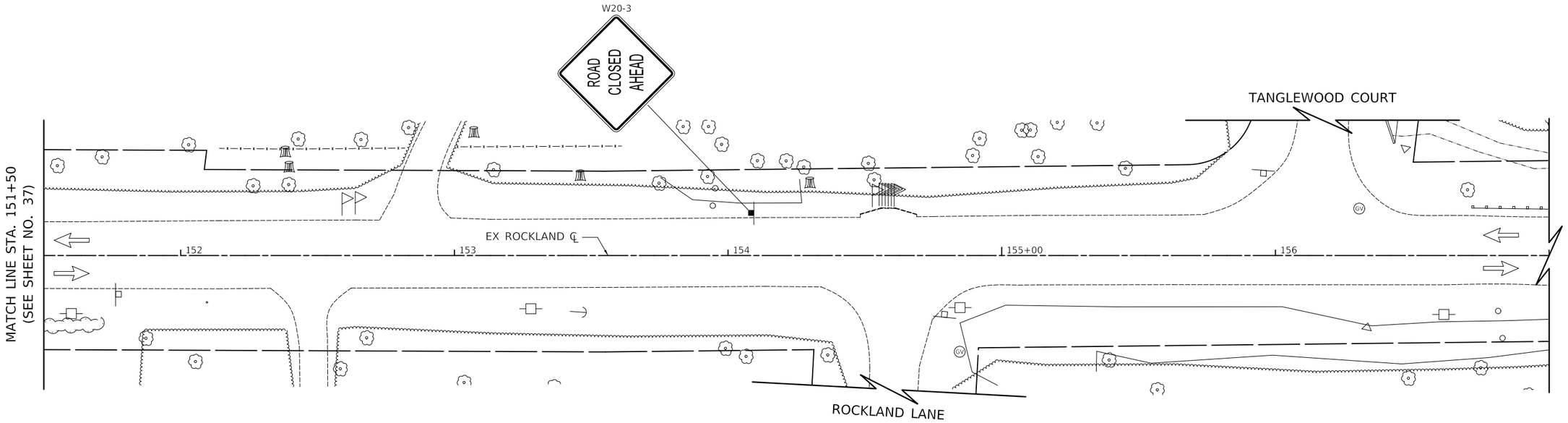
TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT

WORK ZONE

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46

N



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CIVILTECH

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	DRAWN - MC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

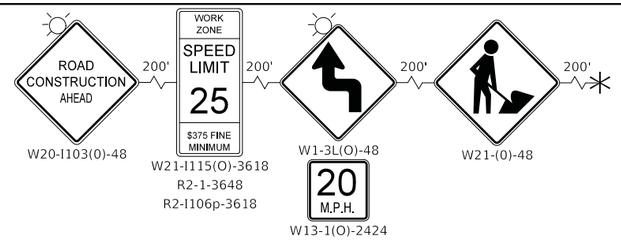
ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 2

SCALE: 1" = 20' | SHEET 10 OF 18 SHEETS | STA. 151+50 | TO STA. 157+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	38
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46



LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

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CIVILTECH

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	DRAWN - MC	REVISED -
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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 3

SCALE: 1" = 20' | SHEET 11 OF 18 SHEETS | STA. 100+90 TO STA. 108+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	39
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

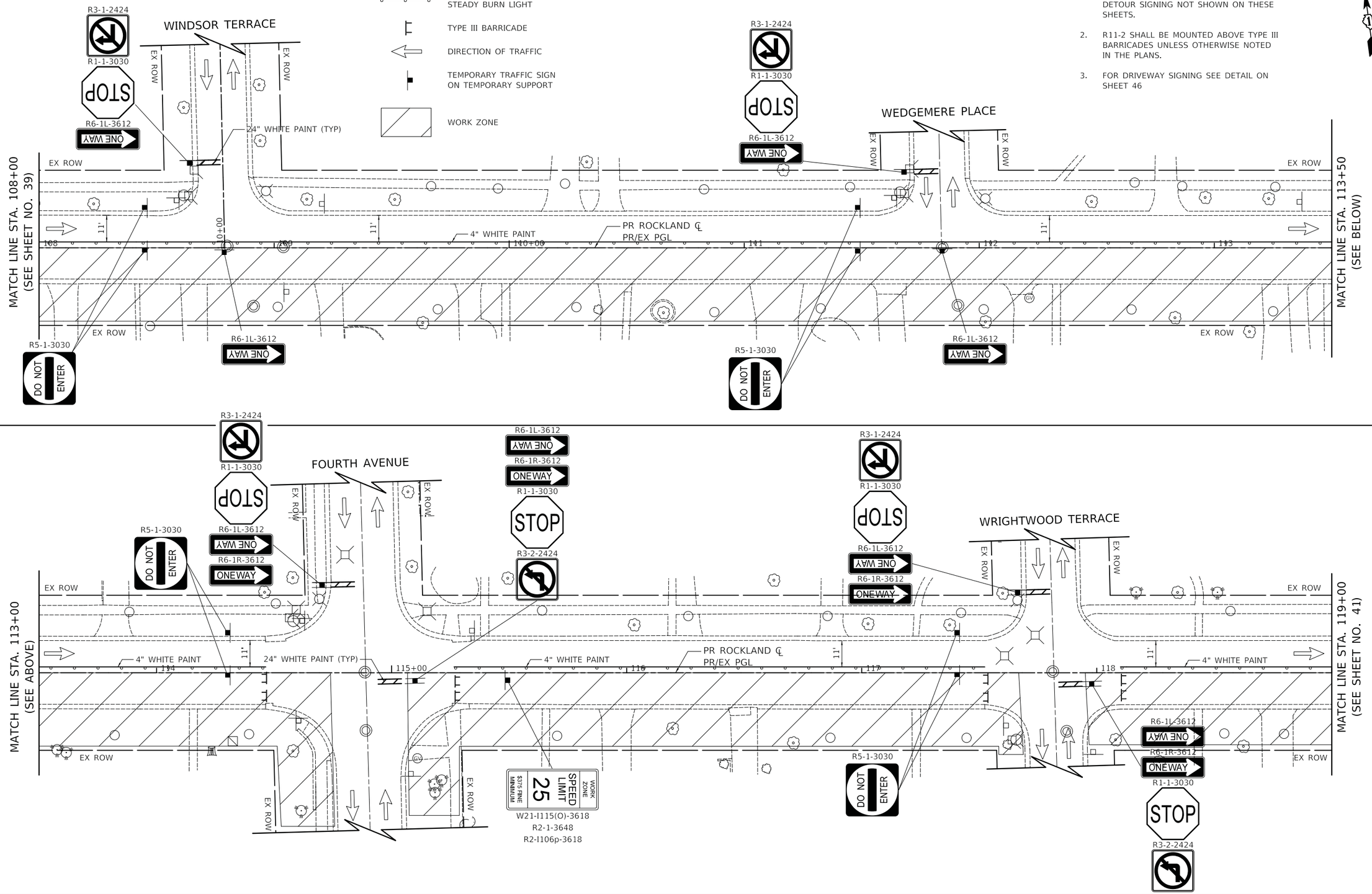
LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46

N



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		DRAWN - MC	REVISED -		
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	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	40
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

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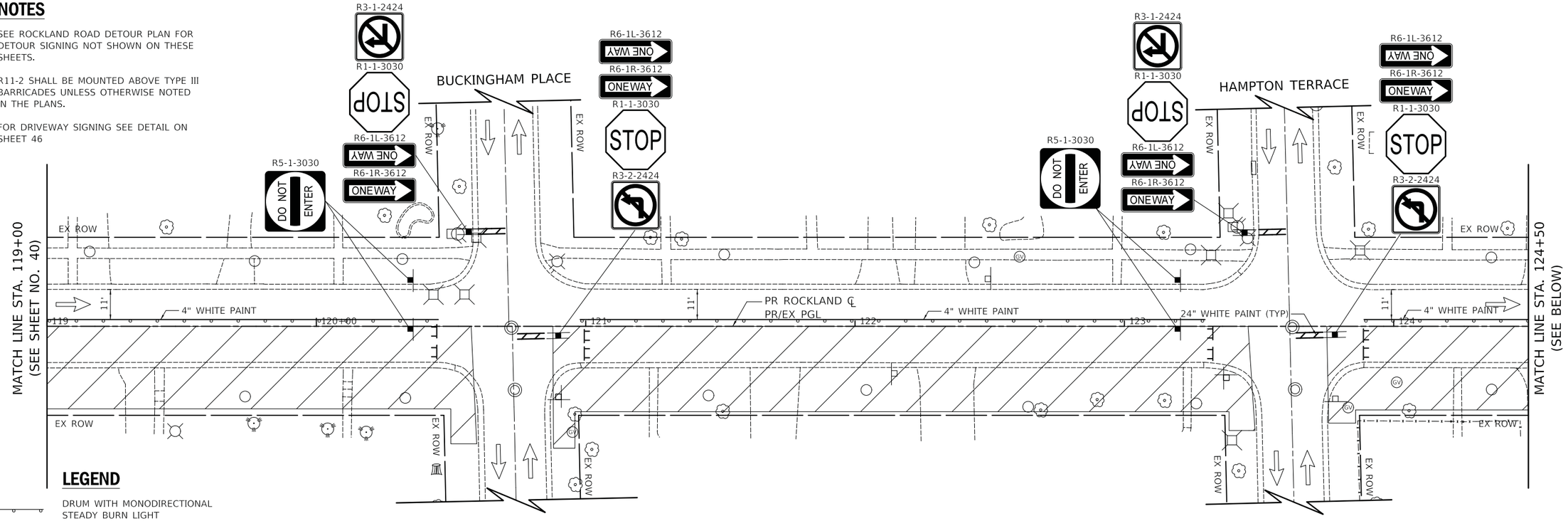
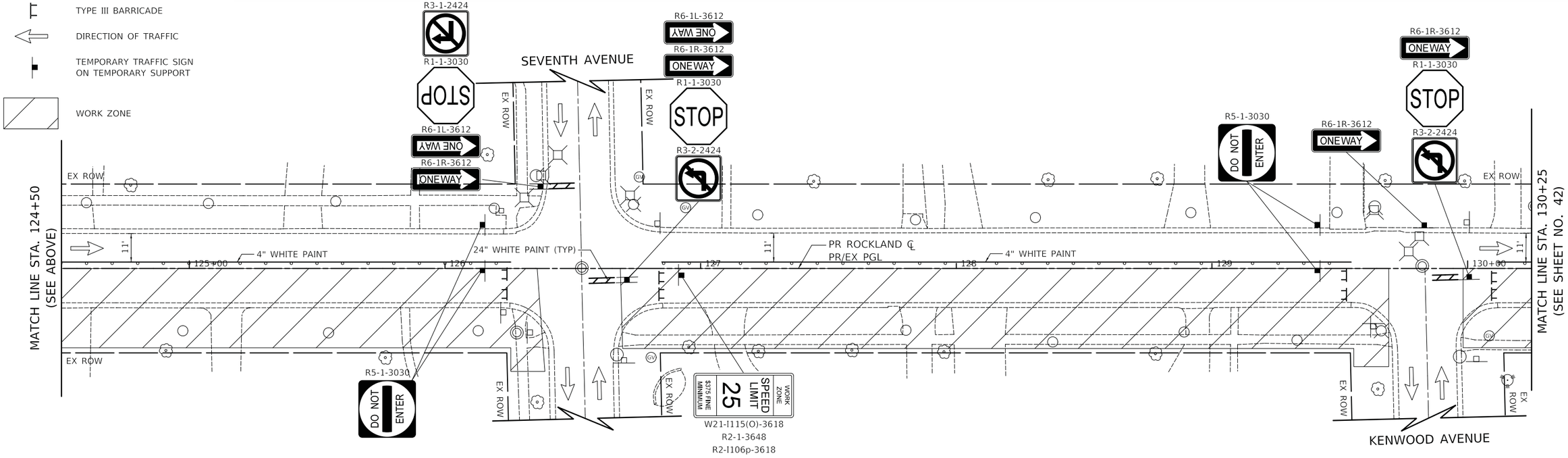
NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46



LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE



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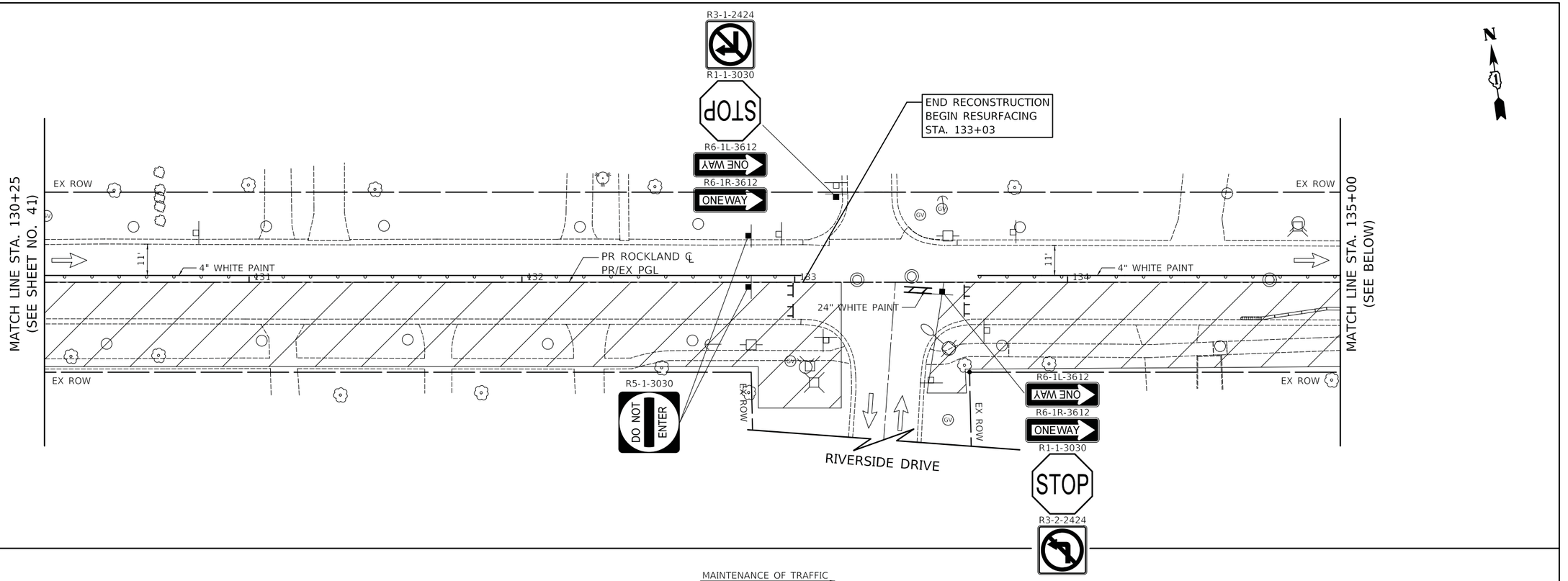
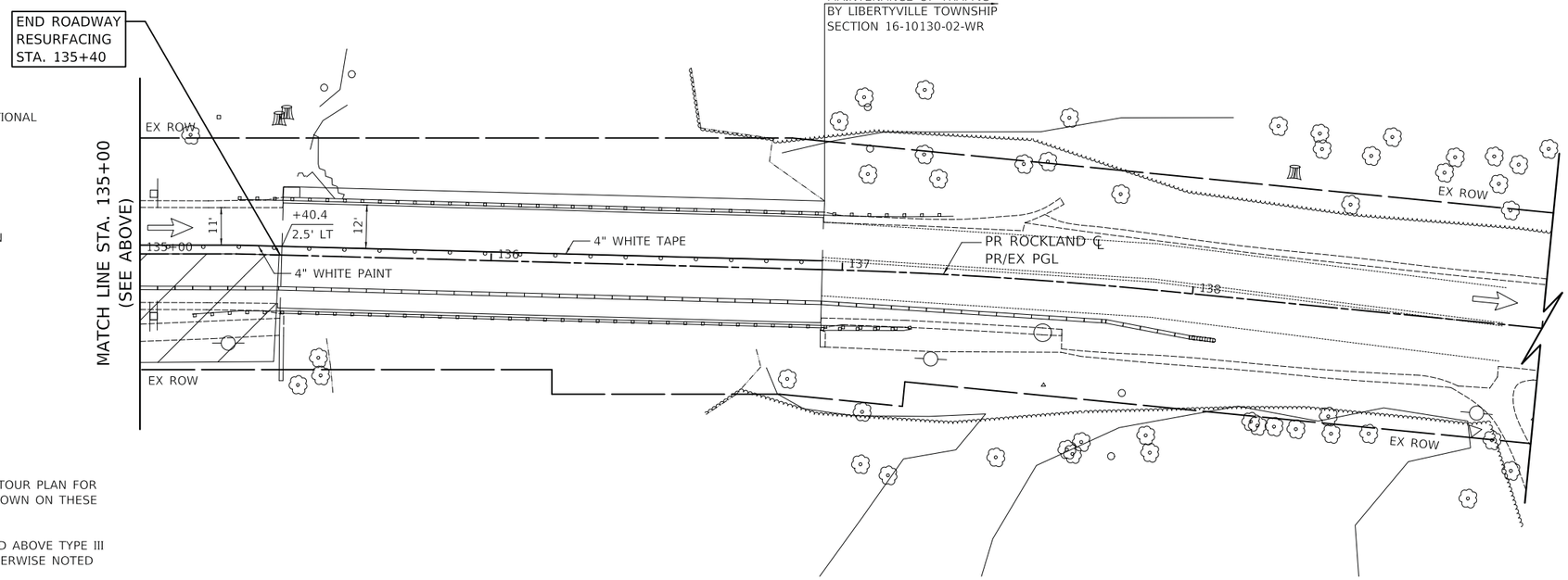
		DRAWN - MC	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -		SCALE: 1" = 20' | SHEET 13 OF 18 SHEETS | STA. 119+00 TO STA. 130+25
	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	41
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			





LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46

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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

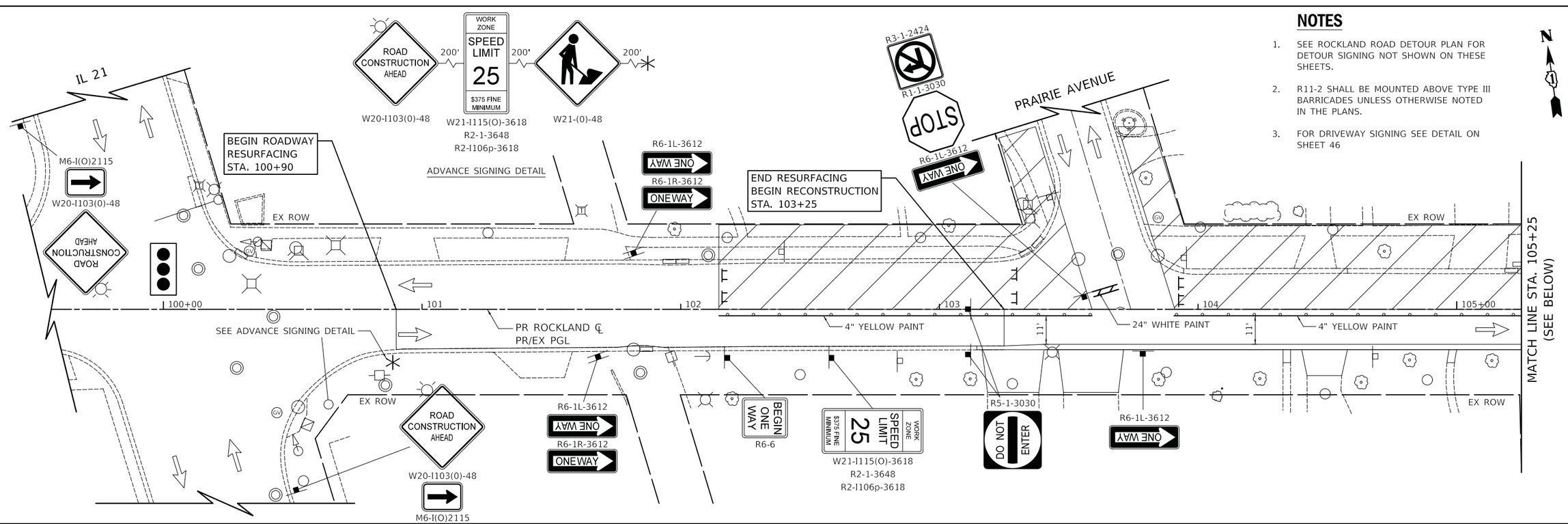
ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 3

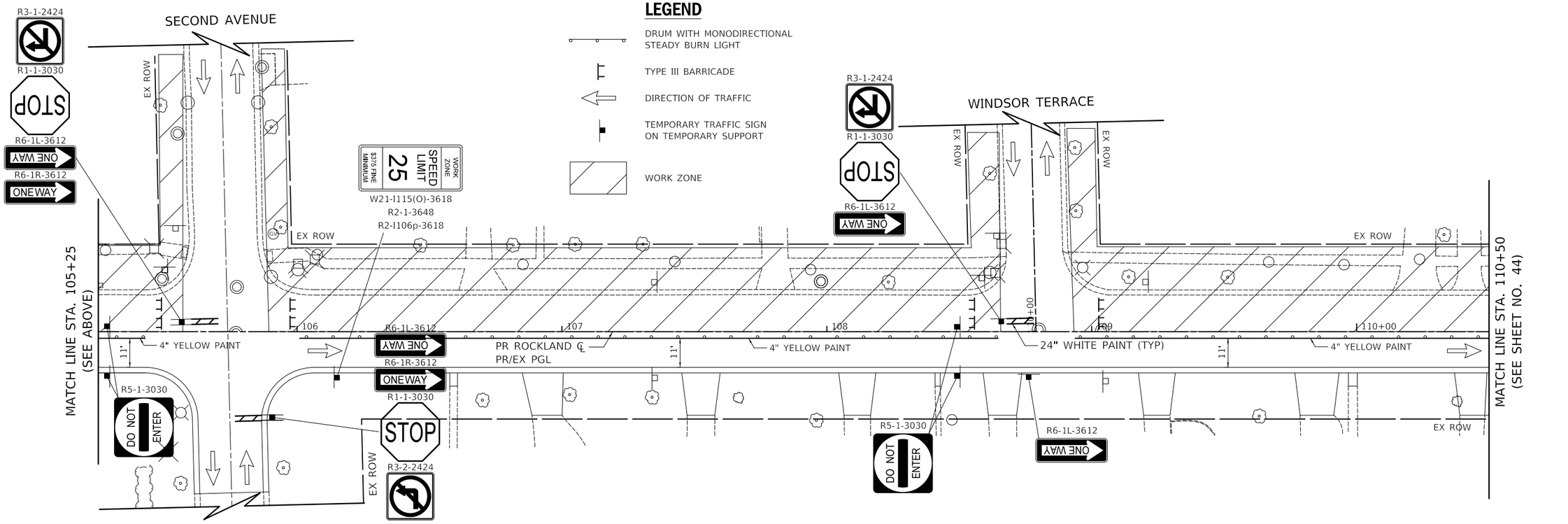
SCALE: 1" = 20' | SHEET 14 OF 18 SHEETS | STA. 130+25 TO STA. 135+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	42
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46





LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

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CIVILTECH

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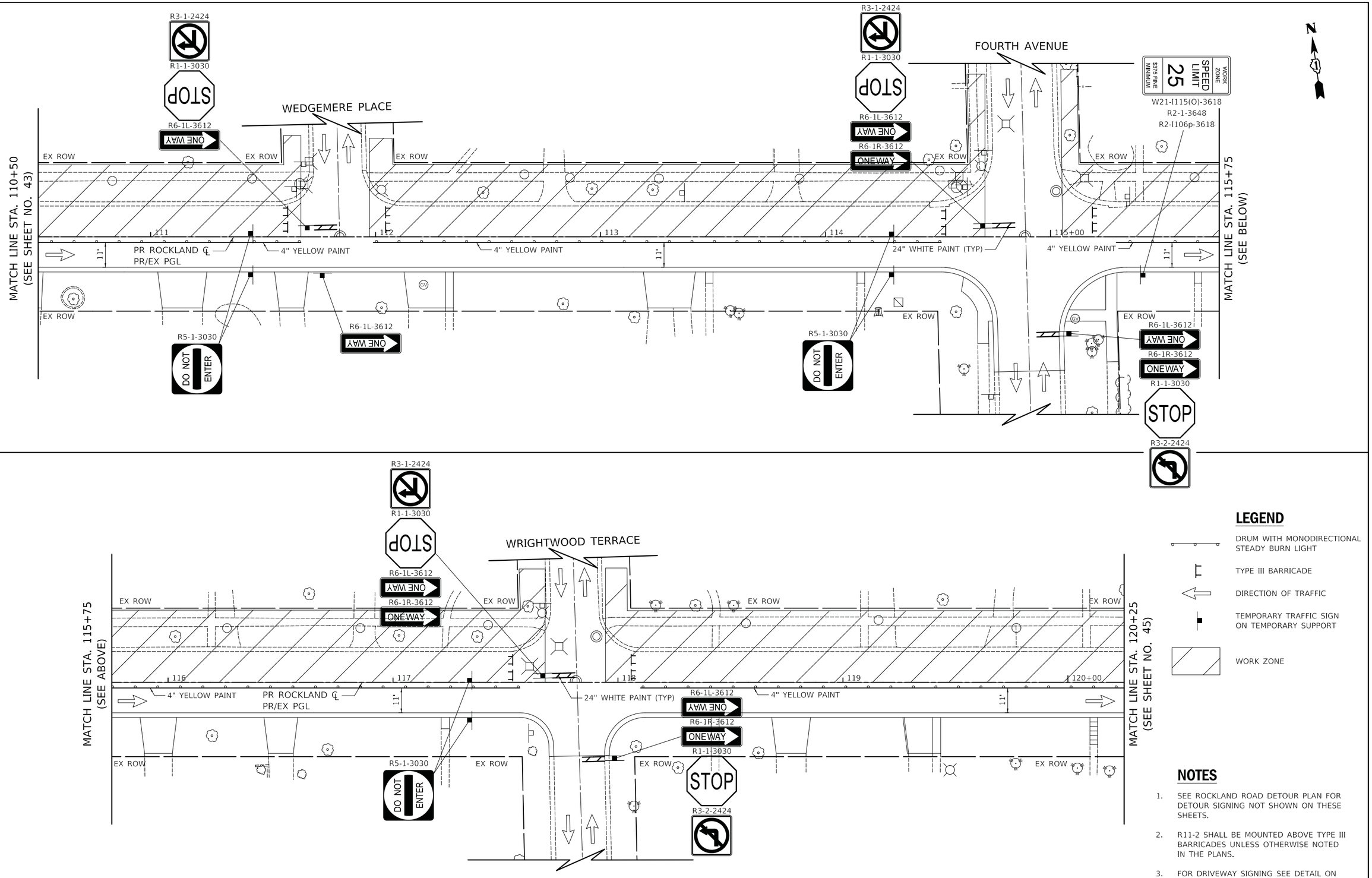
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 4

SCALE: 1" = 20' | SHEET 15 OF 18 SHEETS | STA. 100+90 TO STA. 110+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	43
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46

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CIVILTECH

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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 4

SCALE: 1" = 20' | SHEET 16 OF 18 SHEETS | STA. 110+50 TO STA. 120+25

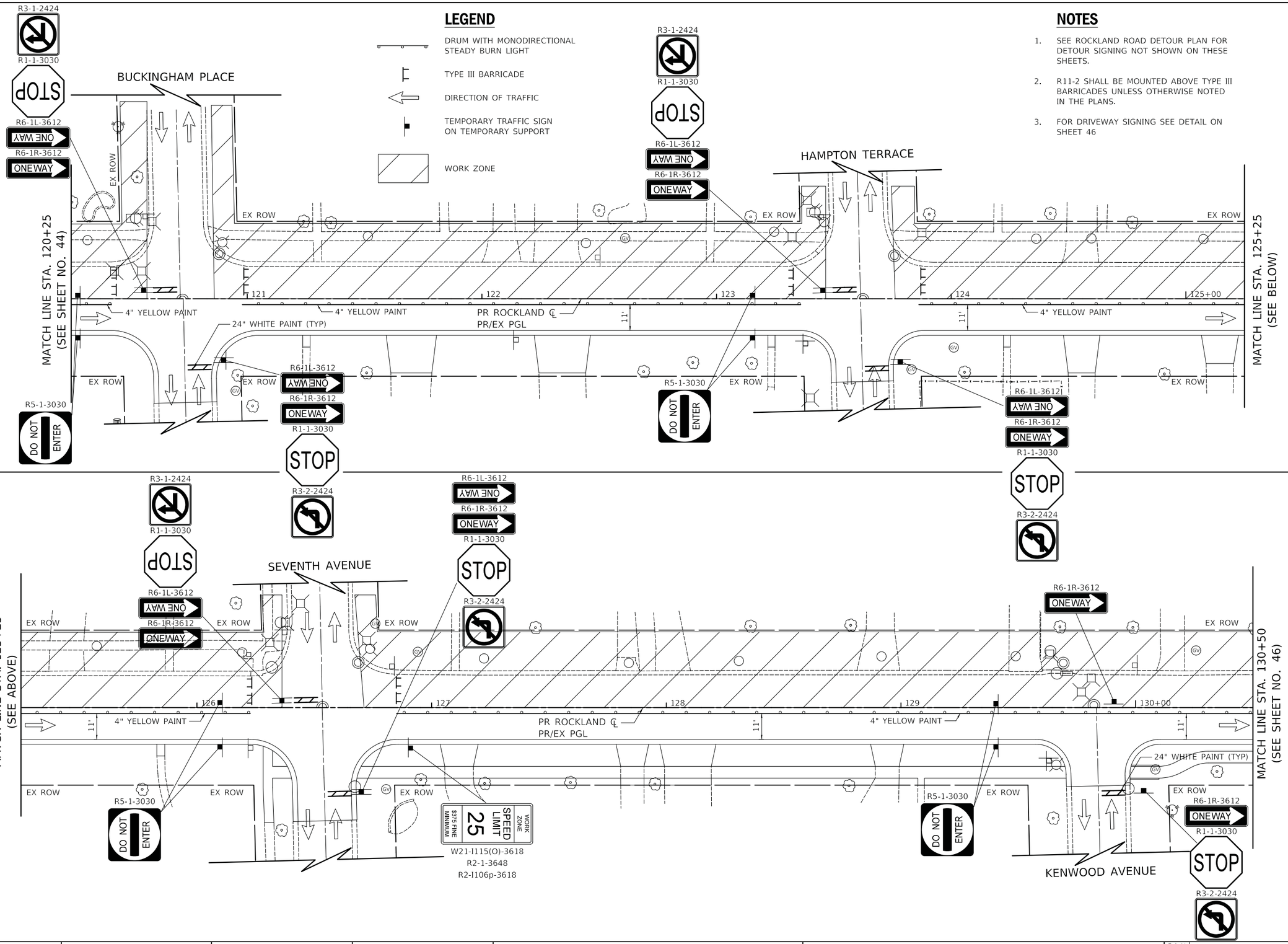
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	44
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

LEGEND

- DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT
- WORK ZONE

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46



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		DRAWN - MC	REVISED -		
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -		SCALE: 1" = 20' SHEET 17 OF 18 SHEETS STA. 120+25 TO STA. 130+50
	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	45
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

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LEGEND

DRUM WITH MONODIRECTIONAL STEADY BURN LIGHT

TYPE III BARRICADE

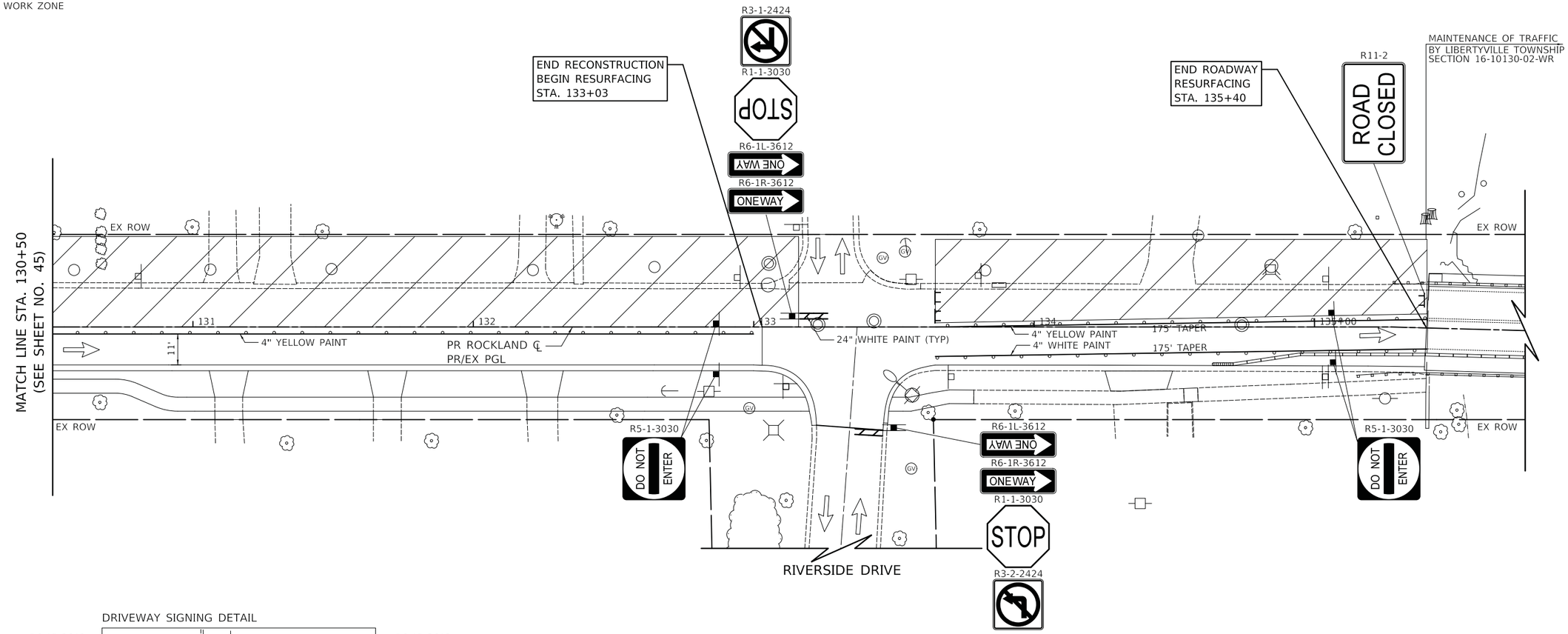
DIRECTION OF TRAFFIC

TEMPORARY TRAFFIC SIGN ON TEMPORARY SUPPORT

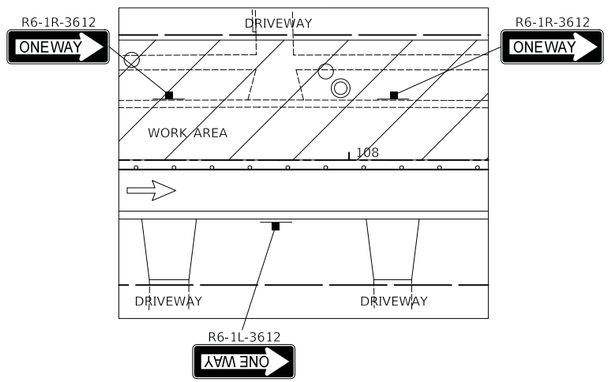
WORK ZONE

NOTES

1. SEE ROCKLAND ROAD DETOUR PLAN FOR DETOUR SIGNING NOT SHOWN ON THESE SHEETS.
2. R11-2 SHALL BE MOUNTED ABOVE TYPE III BARRICADES UNLESS OTHERWISE NOTED IN THE PLANS.
3. FOR DRIVEWAY SIGNING SEE DETAIL ON SHEET 46



DRIVEWAY SIGNING DETAIL



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FILE NAME = ...\3297-sht-staging18.dgn

CIVILTECH

USER NAME = mc	DESIGNED - MC	REVISED -	
	DRAWN - MC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -	
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
MAINTENANCE OF TRAFFIC - STAGE 4

SCALE: 1" = 20' | SHEET 18 OF 18 SHEETS | STA. 130+50 TO STA. 135+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	46
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

LAKE COUNTY STORMWATER MANAGEMENT COMMISSION
SEDIMENTATION AND EROSION CONTROL NOTES

A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PREFORMED, AT A MINIMUM:
- UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
- AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.

C. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.

D. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

E. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.

F. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.

G. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.

H. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.

I. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.

J. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

K. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.

L. IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.

M. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.

N. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

O. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.

SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES

THIS PROJECT DISTURBS 2.6 ACRES OF TOTAL LAND AREA, COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT IS ONLY NECESSARY IF A PROJECT DISTURBS 1.0 OR MORE ACRES OF TOTAL LAND AREA; AN NPDES PERMIT IS REQUIRED FOR THIS PROJECT.

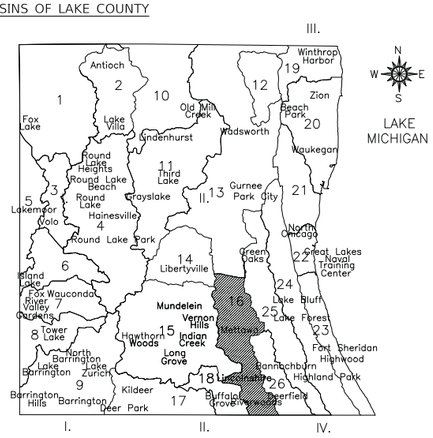
DRAINAGE BASINS OF LAKE COUNTY

I. FOX RIVER WATERSHED
1. Upper Fox River
2. Sequoit Creek
3. Fish Lake Drain
4. Squaw Creek
5. Lower Fox River
6. Mutton Creek
7. Slocum Lake Drain
8. Tower Lake Drain
9. Flint Creek

II. DES PLAINES RIVER WATERSHED
10. North Mill Creek
11. Mill Creek
12. Newport Drainage Ditch
13. Upper Des Plaines River
14. Bull Creek
15. Indian Creek
16. Lower Des Plaines River
17. Buffalo Creek
18. Aptakisic Creek

III. LAKE MICHIGAN WATERSHED
19. Kellogg Creek
20. Dead River
21. Waukegan River
22. Pettibone Creek
23. Bluff/Ravine

IV. CHICAGO RIVER WATERSHED
24. Skokie River
25. Middle Fork
26. West Fork



SMC TYPICAL CONSTRUCTION SEQUENCE (PER STAGE)

1. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL SE/SC MEASURES
   A. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
   B. SILT FENCE INSTALLATION
   C. CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
   D. STABILIZED CONSTRUCTION ENTRANCE
2. TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB)
3. CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS, ETC.)
4. ~~CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURE WITH RESTRICTOR & TEMPORARY PERFORATED RISER~~
5. STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE
6. TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE)
7. INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET & OUTLET PROTECTION
8. ~~PERMANENTLY STABILIZE DETENTION BASIN WITH SEED AND EROSION CONTROL BLANKET~~
9. TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE
10. ~~INSTALL RETAINING WALLS. FILL PLACEMENT ALONG THE WALLS SHALL ONLY OCCUR AFTER THE WALL HAS BEEN CONSTRUCTED TO PREVENT THE MIGRATION OF SEDIMENT OUTSIDE OF THE PROJECT LIMITS.~~
11. INSTALL ROADWAYS
12. ~~PERMANENTLY STABILIZE ALL OUTLOT AREAS~~
13. ~~INSTALL STRUCTURES AND GRADE INDIVIDUAL LOTS~~
14. ~~PERMANENTLY STABILIZE LOTS~~
15. REMOVE ALL TEMPORARY SE/SC MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION

*SOIL EROSION AND SEDIMENT CONTROL INSPECTIONS MUST OCCUR AT LEAST ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OR THE END OF THE FOLLOWING BUSINESS DAY OF A 1/2" OR GREATER RAINFALL EVENT.

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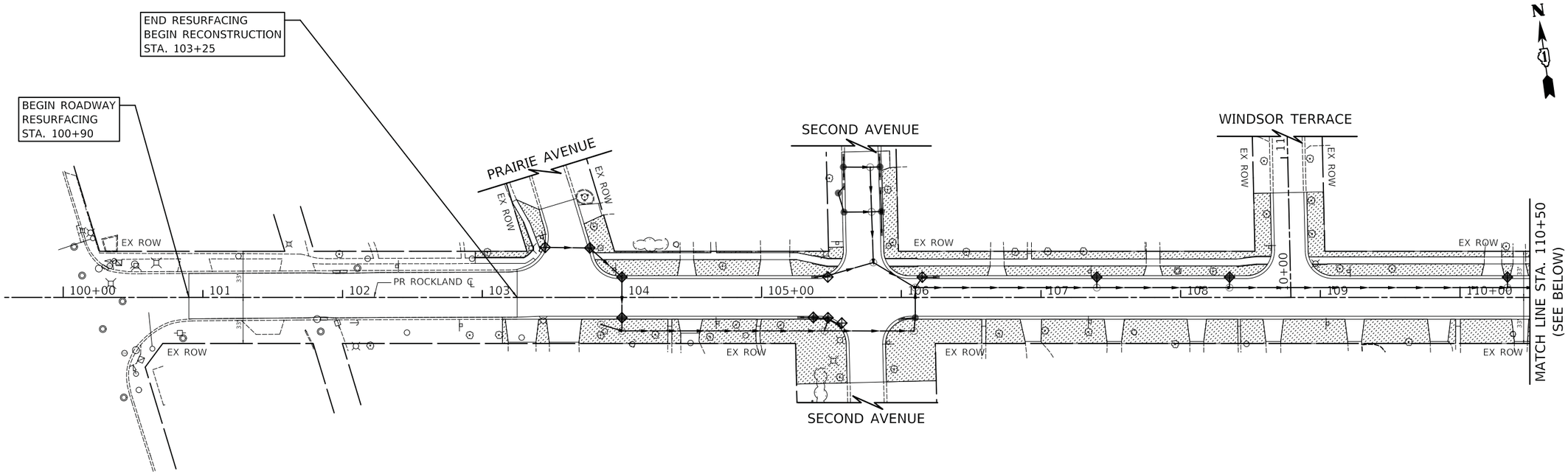
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES

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

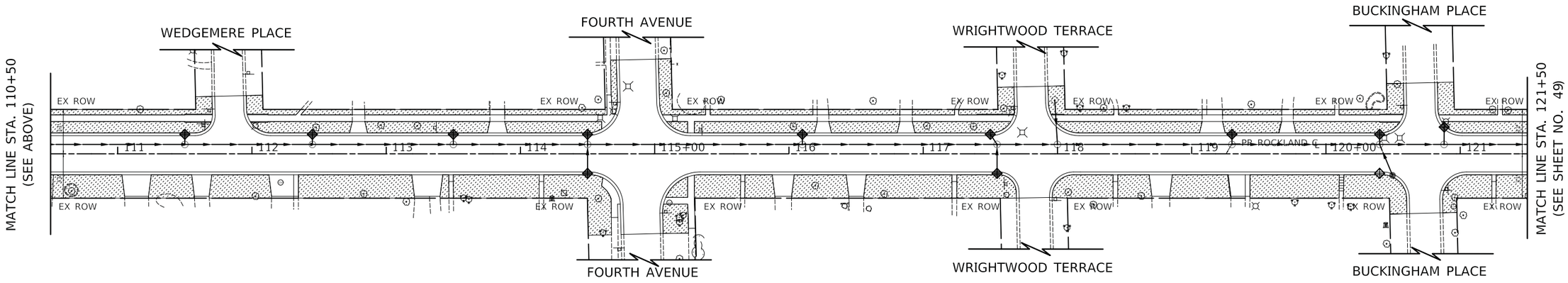
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	47
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	



LEGEND

INLET FILTERS

TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
MULCH, METHOD 2
TEMPORARY EROSION CONTROL SEEDING



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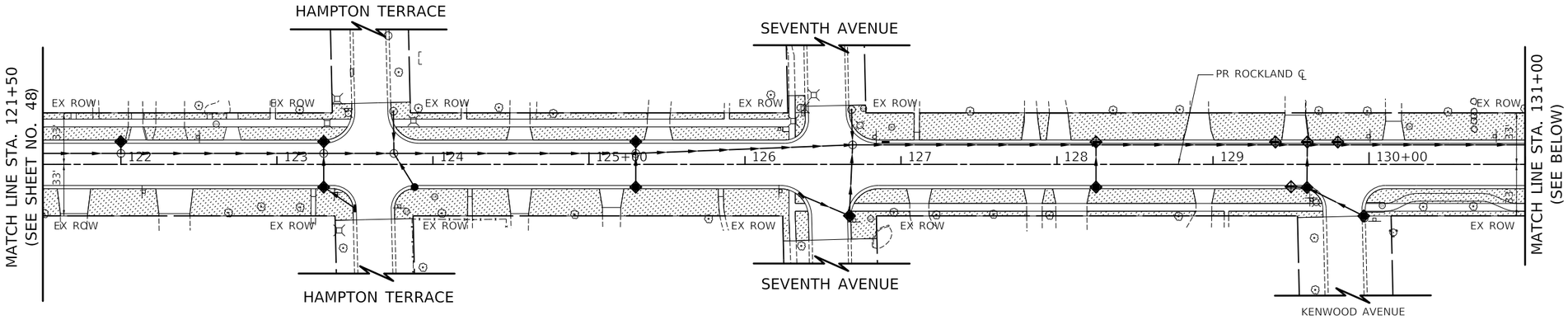
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
EROSION CONTROL AND LANDSCAPING PLAN

SCALE: 1" = 40' | SHEET 1 OF 2 SHEETS | STA. 100+90 TO STA. 121+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	48
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



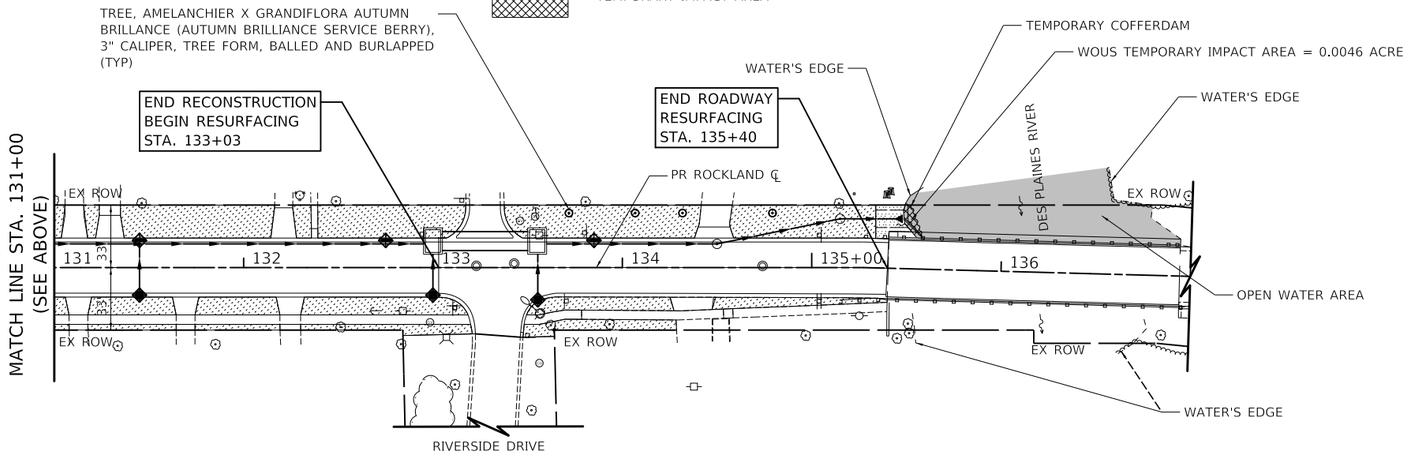
LEGEND

INLET FILTERS

TOPSOIL FURNISH AND PLACE, 4"
SODDING, SALT TOLERANT
MULCH, METHOD 2
TEMPORARY EROSION CONTROL SEEDING

TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 4A
MULCH, METHOD 2
TEMPORARY EROSION CONTROL SEEDING

TEMPORARY IMPACT AREA



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
EROSION CONTROL AND LANDSCAPING PLAN

SCALE: 1" = 40' | SHEET 2 OF 2 SHEETS | STA. 121+50 TO STA. 135+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	49
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

1 STA 103+46.0, 35.5' RT
INLETS TA T3F&G
RIM = 691.69
INV = 687.02 (12" E)

2 STA 103+76.0, 35.1' LT
CB TA 4 DIA T3VF&G
RIM = 691.13
INV = 686.72 (12" W)
INV = 686.62 (12" SE)

3 STA 104+00.0, 13.5' LT
CB TA 4 DIA T3VF&G
RIM = 690.13
INV = 686.36 (12" NW)
INV = 686.26 (12" S)

4 STA 104+00.0, 13.5' RT
CB TA 4 DIA T3VF&G
RIM = 690.07
INV = 685.99 (12" N)
INV = 685.89 (12" S)

5 STA 103+85.0, 19.4' RT
MAN TA 4 DIA T1F CL
RIM = 690.68
INV = 685.70 (EX 24" W)
INV = 685.50 (24" E)

6 STA 104+00.0, 24.0' RT
MAN TA 6 DIA T1F CL
RIM = 690.39
INV = 685.85 (12" N)
INV = 685.37 (24" W)
INV = 685.10 (38"X24" E)

N

450 MILWAUKEE | 208 | 214 | 454 PRAIRIE | 306 | 312

PRAIRIE AVENUE

BEGIN ROADWAY RESURFACING STA. 100+90

END RESURFACING BEGIN RECONSTRUCTION STA. 103+25

EX ROW

PR ROCKLAND ℄
PR/EX PGL

19 LF STORM SEW REM 8
TBF = 2 CU YD

28 LF STORM SEW REM 8
TBF = 3 CU YD

37 LF STORM SEW REM 8
TBF = 4 CU YD

13 LF STORM SEW REM 4
TBF = 0 CU YD

24 LF STORM SEW REM 24
TBF = 0 CU YD

196 LF SS REMOVAL EQRS 27
TBF = 0 CU YD

100+00 | 101 | 102 | 103 | 104 | 105+00

MATCH LINE STA. 105+25
(SEE SHEET NO. 51)

EX ROW

502 MILWAUKEE | 289 | 293 | 219 | 307 | 311

1 BOTTOM STORM = 686.67
TOP SANITARY = 685.71

2 BOTTOM STORM = 686.26
TOP SANITARY = 680.85

3 BOTTOM STORM = 685.94
TOP SANITARY = 677.45

LEGEND

- HOUSE NUMBER

1 30' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 7 CU YD

2 26' - STORM SEW CL WM REQ, 12" @ 1.00%
T.B.F. = 5 CU YD

3 27' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 4 CU YD

4 11' - STORM SEW CL A 2, 24" @ 1.20%
T.B.F. = 0 CU YD

5 4' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

6 139' - SS CL A 1 EQRS, 30" @ 0.30%
T.B.F. = 3 CU YD

NOTES

1. THE REMOVAL OF 27" EQRS STORM SEWER IS INCLUDED IN THE COST OF STORM SEWER REMOVAL 27"

PLAN: SURVEYED | PLOTTED | CROSS CHECKED | BM. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | CROSS CHECKED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

700 | 695 | 690 | 685 | 680 | 675

EX PGL AT ℄
PR PGL AT ℄

699.52 | 697.65 | 695.26 | 693.61 | 692.82 | 692.19 | 691.50 / 691.47 | 690.29 / 690.40 | 688.95 / 689.15 | 688.15 / 688.01

EX PGL
PR PGL

MATCH LINE STA. 105+25
(SEE SHEET NO. 51)

100+50 | 101+00 | 101+50 | 102+00 | 102+50 | 103+00 | 103+50 | 104+00 | 104+50 | 105+00

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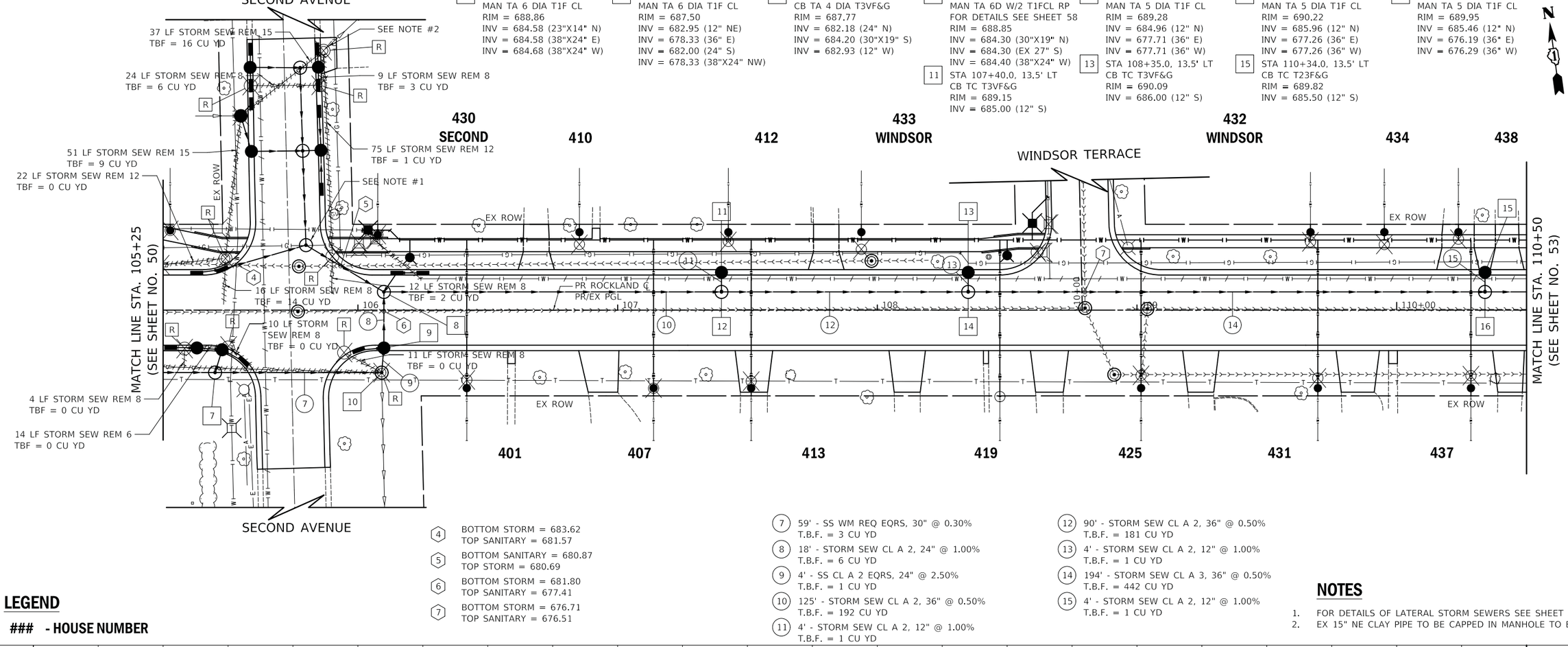
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 1 OF 8 SHEETS | STA. 100+90 | TO STA. 105+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	50
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	



7 STA 105+45.0, 24.0' RT
MAN TA 6 DIA T1F CL
RIM = 688.86
INV = 684.58 (23"X14" N)
INV = 684.58 (38"X24" E)
INV = 684.68 (38"X24" W)

8 STA 106+10.0, 7.0' LT
MAN TA 6 DIA T1F CL
RIM = 687.50
INV = 682.95 (12" NE)
INV = 678.33 (36" E)
INV = 682.00 (24" S)
INV = 678.33 (38"X24" NW)

9 STA 106+10.0, 13.5' RT
CB TA 4 DIA T3VF&G
RIM = 687.77
INV = 682.18 (24" N)
INV = 684.20 (30"X19" S)
INV = 682.93 (12" W)

10 STA 106+09.1, 24.0' RT
MAN TA 6D W/2 T1FCL RP
FOR DETAILS SEE SHEET 58
RIM = 688.85
INV = 684.30 (30"X19" N)
INV = 684.30 (EX 27" S)
INV = 684.40 (38"X24" W)

11 STA 107+40.0, 13.5' LT
CB TC T3VF&G
RIM = 689.15
INV = 685.00 (12" S)

12 STA 107+40.0, 7.0' LT
MAN TA 5 DIA T1F CL
RIM = 689.28
INV = 684.96 (12" N)
INV = 677.71 (36" E)
INV = 677.71 (36" W)

13 STA 108+35.0, 13.5' LT
CB TC T3VF&G
RIM = 690.09
INV = 686.00 (12" S)

14 STA 108+35.0, 7.0' LT
MAN TA 5 DIA T1F CL
RIM = 690.22
INV = 685.96 (12" N)
INV = 677.26 (36" E)
INV = 677.26 (36" W)

15 STA 110+34.0, 13.5' LT
CB TC T23F&G
RIM = 689.82
INV = 685.50 (12" S)

16 STA 110+34.0, 7.0' LT
MAN TA 5 DIA T1F CL
RIM = 689.95
INV = 685.46 (12" N)
INV = 676.19 (36" E)
INV = 676.29 (36" W)

4 BOTTOM STORM = 683.62
TOP SANITARY = 681.57

5 BOTTOM SANITARY = 680.87
TOP STORM = 680.69

6 BOTTOM STORM = 681.80
TOP SANITARY = 677.41

7 BOTTOM STORM = 676.71
TOP SANITARY = 676.51

7 59' - SS WM REQ EQRS, 30" @ 0.30%
T.B.F. = 3 CU YD

8 18' - STORM SEW CL A 2, 24" @ 1.00%
T.B.F. = 6 CU YD

9 4' - SS CL A 2 EQRS, 24" @ 2.50%
T.B.F. = 1 CU YD

10 125' - STORM SEW CL A 2, 36" @ 0.50%
T.B.F. = 192 CU YD

11 4' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

12 90' - STORM SEW CL A 2, 36" @ 0.50%
T.B.F. = 181 CU YD

13 4' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

14 194' - STORM SEW CL A 3, 36" @ 0.50%
T.B.F. = 442 CU YD

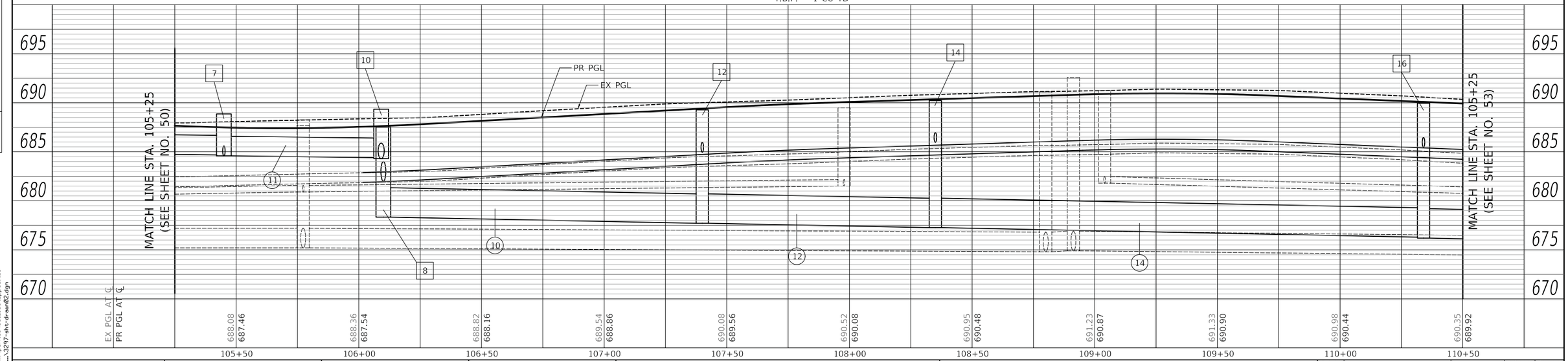
15 4' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

LEGEND

- HOUSE NUMBER

NOTES

1. FOR DETAILS OF LATERAL STORM SEWERS SEE SHEET 52
2. EX 15" NE CLAY PIPE TO BE CAPPED IN MANHOLE TO BE REMOVED



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 2 OF 8 SHEETS | STA. 105+25 | TO STA. 110+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	51
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

17 STA 105+59.4, 100.4' LT
INLETS TA T3F&G
RIM = 685.40
INV = 681.49 (12" S)

18 STA 105+59.5, 93.4' LT
CB TA 4 DIA T3VF&G
RIM = 685.38
INV = 681.45 (12" N)
INV = 681.45 (12" S)
INV = 680.95 (18" E)

19 STA 105+59.6, 86.4' LT
INLETS TA T3F&G
RIM = 685.37
INV = 681.49 (12" N)

20 STA 105+59.8, 79.4' LT
INLETS TA T3F&G
RIM = 685.49
INV = 681.49 (12" SW)

21 STA 105+54.9, 74.7' LT
CB TA 4 DIA T8G
RIM = 685.82
INV = 681.46 (12" NE)
INV = 681.21 (15" S)
INV = 684.10 (EX 4" W)

22 STA 105+60.0, 61.1' LT
CB TA 4 DIA T3VF&G
RIM = 686.05
INV = 681.11 (15" N)
INV = 680.86 (18" E)

23 STA 105+77.7, 93.3' LT
MAN TA 5 DIA T1F CL
RIM = 685.47
INV = 680.79 (18" E)
INV = 680.79 (18" W)
INV = 679.79 (30" S)

24 STA 105+83.5, 100.5' LT
INELTS TA T23F&G
RIM = 685.23
INV = 681.37 (12" S)

25 STA 105+83.7, 93.5' LT
CB TA 4 DIA T23F&G
RIM = 685.21
INV = 681.33 (12" N)
INV = 681.33 (12" S)
INV = 680.83 (18" W)

26 STA 105+84.0, 86.5' LT
INLETS TA T3F&G
RIM = 685.20
INV = 681.37 (12" N)

27 STA 105+84.3, 76.5' LT
INLETS TA T3F&G
RIM = 685.48
INV = 681.36 (12" S)

28 STA 105+78.7, 61.3' LT
MAN TA 6 DIA T1F CL
RIM = 686.21
INV = 680.71 (18" E)
INV = 680.71 (18" W)
INV = 679.71 (30" N)
INV = 678.71 (30" S)

29 STA 105+84.7, 61.5' LT
CB TA 4 DIA T3VF&G
RIM = 685.99
INV = 681.24 (12" N)
INV = 681.24 (12" S)
INV = 680.74 (18" W)

30 STA 105+85.1, 46.5' LT
INLETS TA T3F&G
RIM = 686.45
INV = 681.36 (12" N)

31 STA 105+38.0, 13.5' LT
INLETS TA T3F&G
RIM = 687.26
INV = 684.00 (12" E)

32 STA 105+48.0, 14.9' LT
INLETS TB T3F&G
RIM = 687.16
INV = 683.93 (12" W)
INV = 683.83 (12" E)

33 STA 105+80.0, 25.0' LT
MAN TA 6 DIA T1F CL
RIM = 687.00
INV = 678.62 (30" N)
INV = 678.42 (38"X24" SE)
INV = 683.54 (12" W)

34 STA 105+28.0, 13.5' RT
INLETS TA T3F&G
RIM = 687.52
INV = 684.76 (12" W)

35 STA 105+38.0, 13.5' RT
CB TA 4 DIA T3VF&G
RIM = 687.48
INV = 684.69 (12" E)
INV = 684.69 (12" W)

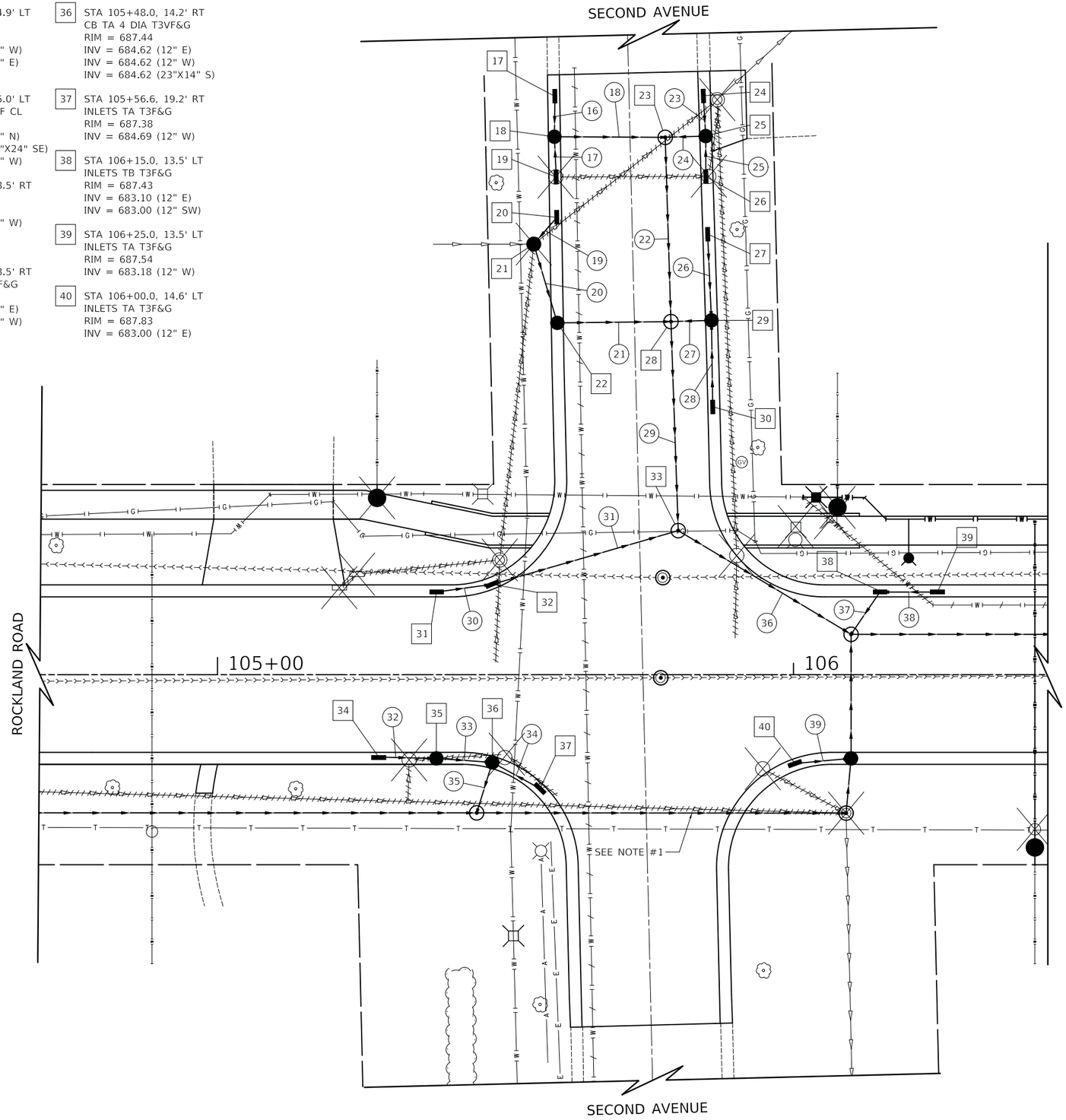
36 STA 105+48.0, 14.2' RT
CB TA 4 DIA T3VF&G
RIM = 687.44
INV = 684.62 (12" E)
INV = 684.62 (12" W)
INV = 684.62 (23"X14" S)

37 STA 105+56.6, 19.2' RT
INLETS TA T3F&G
RIM = 687.38
INV = 684.69 (12" W)

38 STA 106+15.0, 13.5' LT
INLETS TB T3F&G
RIM = 687.43
INV = 683.10 (12" E)
INV = 683.00 (12" SW)

39 STA 106+25.0, 13.5' LT
INLETS TA T3F&G
RIM = 687.54
INV = 683.18 (12" W)

40 STA 106+00.0, 14.6' LT
INLETS TA T3F&G
RIM = 687.83
INV = 683.00 (12" E)



16 4' - STORM SEWER CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

17 4' - STORM SEWER CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

18 16' - STORM SEWER CL A 2, 18" @ 1.00%
T.B.F. = 4 CU YD

19 3' - STORM SEWER CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

20 10' - STORM SEWER CL A 2, 15" @ 1.00%
T.B.F. = 2 CU YD

21 15' - STORM SEWER CL A 2, 18" @ 1.00%
T.B.F. = 5 CU YD

22 27' - STORM SEWER CL A 2, 30" @ 0.30%
T.B.F. = 11 CU YD

23 4' - STORM SEWER CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

24 4' - STORM SEWER CL A 2, 18" @ 1.00%
T.B.F. = 1 CU YD

25 4' - STORM SEWER CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

26 12' - STORM SEWER CL A 2, 12" @ 1.00%
T.B.F. = 3 CU YD

27 3' - STORM SEWER CL A 2, 18" @ 1.00%
T.B.F. = 1 CU YD

28 12' - STORM SEWER CL A 2, 12" @ 1.00%
T.B.F. = 3 CU YD

29 30' - STORM SEWER WM REQ, 30" @ 0.30%
T.B.F. = 29 CU YD

30 7' - STORM SEWER CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

31 29' - STORM SEWER WM REQ, 12" @ 1.00%
T.B.F. = 3 CU YD

32 7' - STORM SEWER CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

33 7' - STORM SEWER CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

34 7' - STORM SEWER WM REQ, 12" @ 1.00%
T.B.F. = 1 CU YD

35 4' - SS CL A 1 EQRS, 18 @ 1.00%
T.B.F. = 0 CU YD

36 29' - SS CL A 2 EQRS, 30" @ 0.30%
T.B.F. = 34 CU YD

37 5' - STORM SEWER CL A 2, 12" @ 1.00%
T.B.F. = 2 CU YD

38 8' - STORM SEWER CL A 2, 12" @ 1.00%
T.B.F. = 2 CU YD

39 7' - STORM SEWER CL A 2, 12" @ 1.00%
T.B.F. = 2 CU YD

NOTES

1. FOR DETAILS OF MAINLINE STORM SEWER SEE SHEET 51

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CIVILTECH

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	DRAWN -	REVISED -	
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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND SECOND AVENUE
DRAINAGE AND UTILITY PLAN

SCALE: 1" = 10' | SHEET 3 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	52
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

41 STA 111+50.0, 13.5' LT
CB TC T3VF&G
RIM = 688.79
INV = 685.00 (12" S)

42 STA 111+50.0, 7.0' LT
MAN TA 5 DIA T1F CL
RIM = 688.92
INV = 684.95 (12" N)
INV = 675.54 (36" E)
INV = 675.64 (36" W)

43 STA 112+45.0, 13.5' LT
CB TC T3VF&G
RIM = 688.31
INV = 684.50 (12" S)

44 STA 112+45.0, 7.0' LT
MAN TA 5 DIA T1F CL
RIM = 688.44
INV = 684.46 (12" N)
INV = 674.99 (36" E)
INV = 675.09 (36" W)

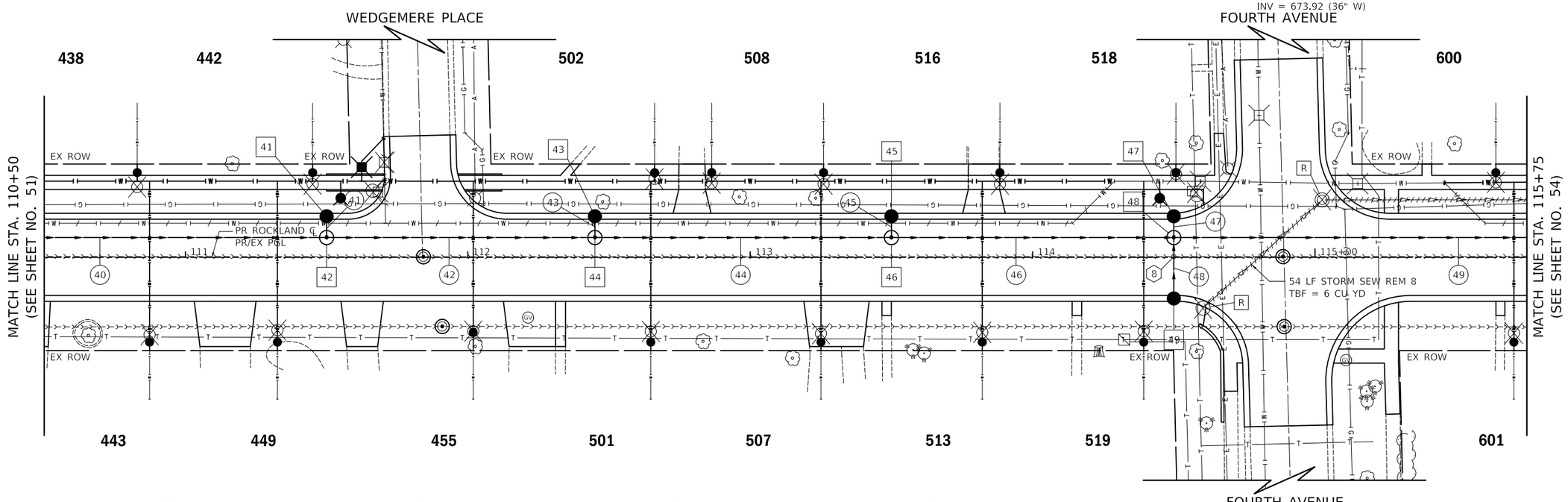
45 STA 113+50.0, 13.5' LT
CB TC T3VF&G
RIM = 687.75
INV = 684.00 (12" S)

46 STA 113+50.0, 7.0' LT
MAN TA 5 DIA T1F CL
RIM = 687.88
INV = 683.96 (12" N)
INV = 674.39 (36" E)
INV = 674.49 (36" W)

47 STA 114+50.0, 13.5' LT
CB TC T3VF&G
RIM = 686.67
INV = 683.00 (12" S)

48 STA 114+50.0, 7.0' LT
MAN TA 5 DIA T1F CL
RIM = 686.80
INV = 682.96 (12" N)
INV = 673.82 (36" E)
INV = 683.03 (12" S)
INV = 673.92 (36" W)

49 STA 114+50.0, 13.5' RT
CB TC T3VF&G
RIM = 687.21
INV = 683.21 (12" N)



LEGEND

- HOUSE NUMBER

(40) 111' - STORM SEW CL A 3, 36" @ 0.50%
T.B.F. = 258 CU YD

(41) 4' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

(42) 90' - STORM SEW CL A 3, 36" @ 0.50%
T.B.F. = 205 CU YD

(43) 4' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

(44) 100' - STORM SEW CL A 3, 36" @ 0.50%
T.B.F. = 230 CU YD

(45) 4' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

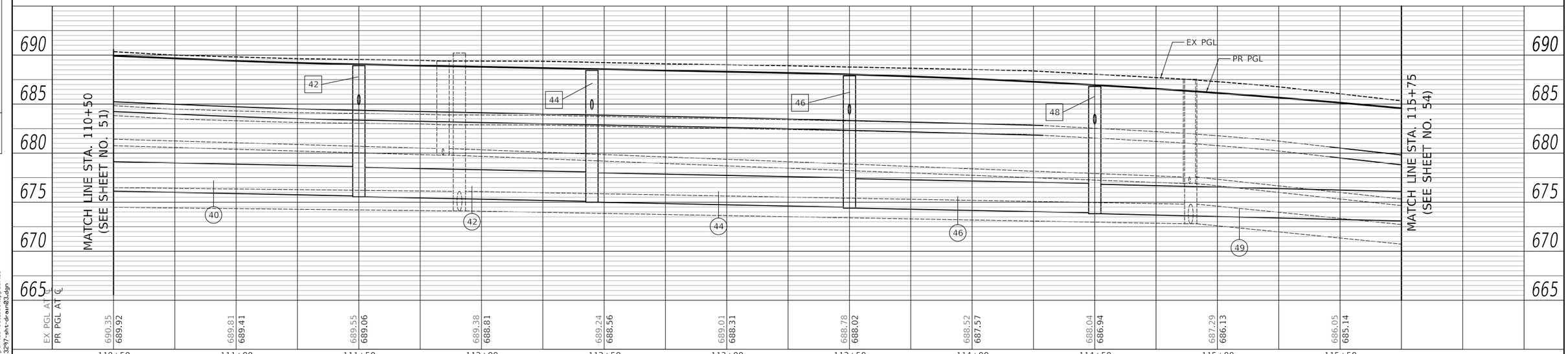
(46) 95' - STORM SEW CL A 3, 36" @ 0.50%
T.B.F. = 214 CU YD

(47) 4' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

(48) 18' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 3 CU YD

(49) 155' - STORM SEW WM REQ, 36" @ 0.60%
T.B.F. = 295 CU YD

(8) BOTTOM STORM = 682.91
TOP SANITARY = 678.01



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CIVILTECH

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	DRAWN - NEM	REVISED -
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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 4 OF 8 SHEETS | STA. 110+50 | TO STA. 115+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	53
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, E.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

50 STA 116+10.0, 13.5' LT
CB TC T3VF&G
RIM = 683.44
INV = 679.44 (12" S)

51 STA 116+10.0, 7.0' LT
MAN TA 5 DIA T1F CL
RIM = 683.57
INV = 679.40 (12" N)
INV = 672.79 (36" E)
INV = 672.89 (36" W)

52 STA 117+50.0, 13.5' LT
CB TC T3VF&G
RIM = 679.11
INV = 675.11 (12" SE)

53 STA 117+55.0, 7.0' LT
MAN TA 5 DIA T1F CL
RIM = 679.07
INV = 675.05 (12" NW)
INV = 666.95 (36" E)
INV = 674.82 (12" S)
INV = 671.95 (36" W)

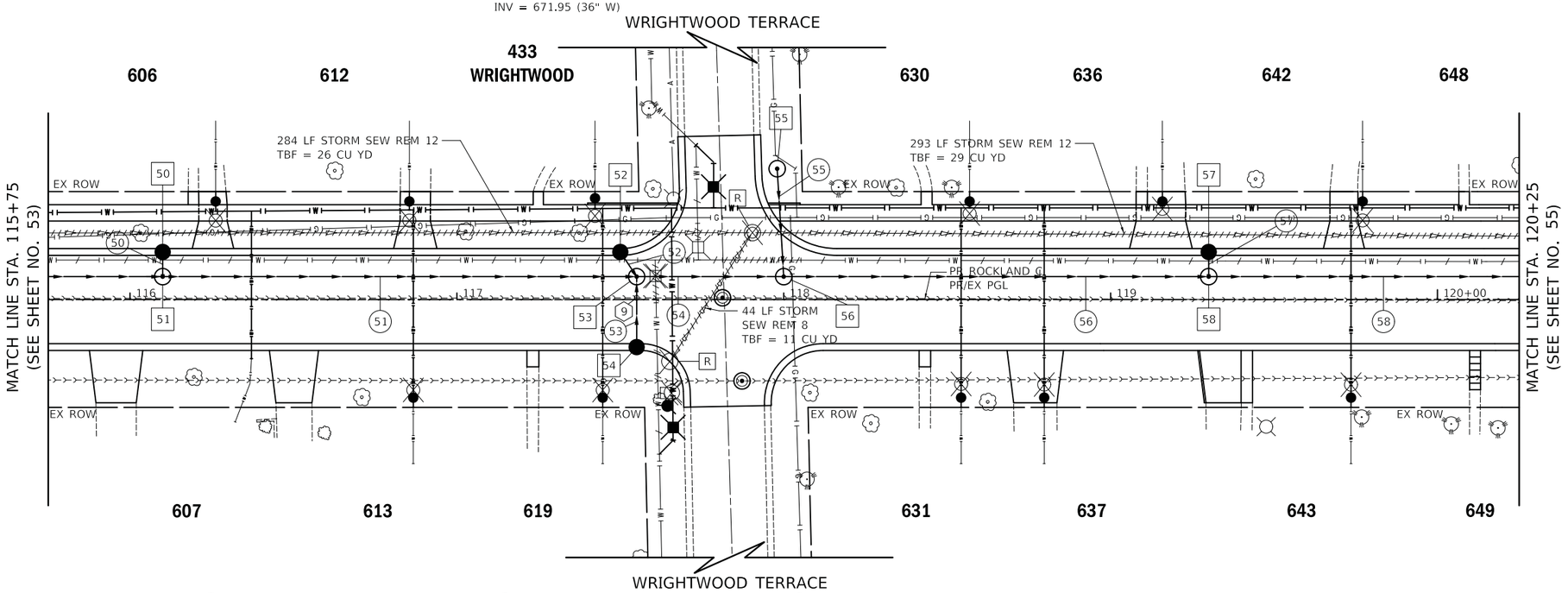
54 STA 117+55.0, 13.5' RT
CB TC T3VF&G
RIM = 679.48
INV = 675.00 (12" N)

55 STA 117+98.0, 40.0' LT
MAN TA 5 DIA T1F CL
RIM = 678.08
INV = 658.77 (36" S)

56 STA 118+00.0, 7.0' LT
MAN TA 7 DIA T1F CL
RIM = 677.47
INV = 658.50 (36" N)
INV = 657.50 (48" E)
INV = 666.72 (36" W)

57 STA 119+30.0, 13.5' LT
CB TC T3VF&G
RIM = 672.46
INV = 668.46 (12" S)

58 STA 119+30.0, 7.0' LT
MAN TA 7 DIA T1F CL
RIM = 672.59
INV = 668.42 (12" N)
INV = 656.66 (48" E)
INV = 656.76 (48" W)



LEGEND

- HOUSE NUMBER

(50) 4' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

(51) 140' - STORM SEW CL A 2, 36" @ 0.60%
T.B.F. = 118 CU YD

(52) 6' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

(53) 18' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 4 CU YD

(54) 39' - STORM SEW WM REQ, 36" @ 0.60%
T.B.F. = 71 CU YD

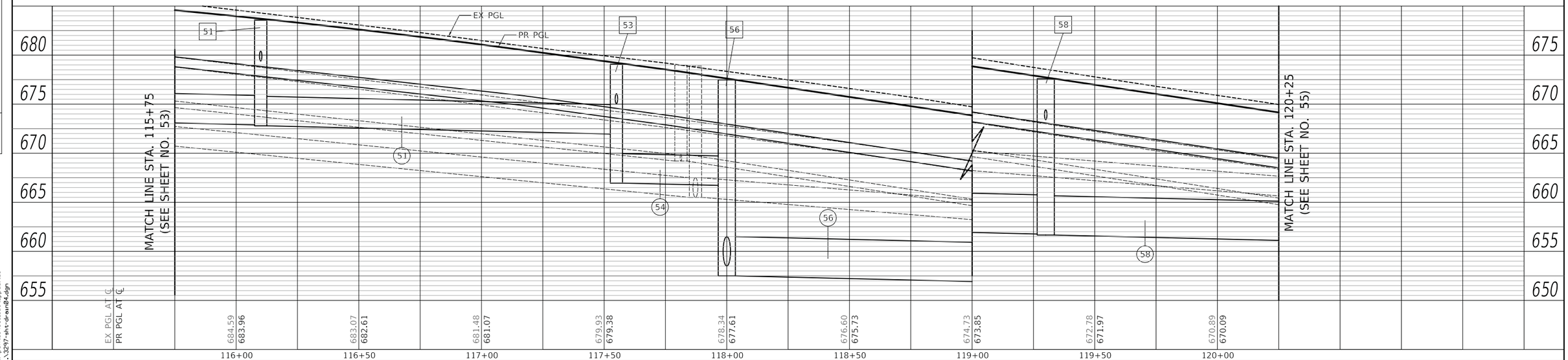
(55) 27' - STORM SEW WM REQ, 36" @ 1.00%
T.B.F. = 81 CU YD

(56) 123' - STORM SEW CL A 4, 48" @ 0.60%
T.B.F. = 462 CU YD

(57) 3' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

(58) 103' - STORM SEW CL A 3, 48" @ 0.60%
T.B.F. = 273 CU YD

(9) BOTTOM STORM = 674.69
TOP SANITARY = 670.60



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	DRAWN - NEM	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -	
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

CIVILTECH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 5 OF 8 SHEETS | STA. 115+75 | TO STA. 120+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	54
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

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59 STA 120+40.0, 13.5' LT
CB TC T3VF&G
RIM = 668.32
INV = 664.32 (12" S)

60 STA 120+40.0, 7.0' LT
MAN TA 7 DIA T1F CL
RIM = 668.45
INV = 664.28 (12" N)
INV = 653.05 (48" E)
INV = 664.19 (12" S)
INV = 656.04 (48" W)

61 STA 120+50.0, 15.1' RT
CB TC T3F&G
RIM = 668.52
INV = 664.40 (12" N)

62 STA 120+87.4, 19.2' LT
CB TA 4 DIA T3VF&G
RIM = 666.86
INV = 658.40 (12" S)
INV = 659.40 (EX 12" N)

63 STA 120+88.0, 7.0' LT
MAN TA 7 DIA T1F CL
RIM = 666.65
INV = 658.31 (12" N)
INV = 652.70 (48" E)
INV = 652.80 (48" W)

64 STA 122+00.0, 13.5' LT
CB TC T3VF&G
RIM = 662.38
INV = 658.38 (12" S)

65 STA 122+00.0, 7.0' LT
MAN TA 7 DIA T1F CL
RIM = 662.52
INV = 658.34 (12" N)
INV = 649.97 (48" E)
INV = 652.07 (48" W)

66 STA 123+30.0, 13.5' LT
CB TC T3VF&G
RIM = 659.42
INV = 655.41 (12" S)

67 STA 123+30.0, 7.0' LT
MAN TA 7 DIA T1F CL
RIM = 659.55
INV = 655.38 (12" N)
INV = 647.04 (48" E)
INV = 655.33 (12" S)
INV = 649.23 (48" W)

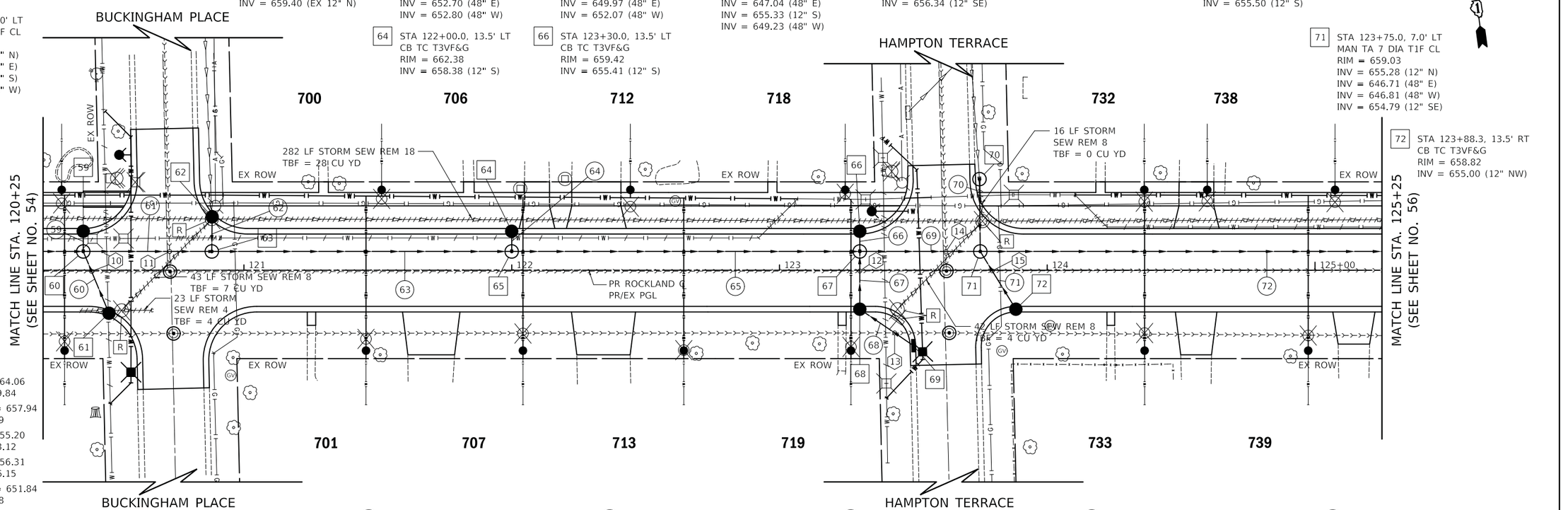
68 STA 123+30.0, 13.5' RT
CB TA 4 DIA T3VF&G
RIM = 660.15
INV = 655.50 (12" N)
INV = 656.34 (12" SE)

69 STA 123+50.9, 28.1' RT
INLETS TA T3F&G
RIM = 659.45
INV = 656.55 (12" NW)

70 STA 123+74.7, 34.0' LT
MAN TA 4 DIA T1F CL
RIM = 659.29
INV = 656.48 (EX 8" N)
INV = 655.50 (12" S)

71 STA 123+75.0, 7.0' LT
MAN TA 7 DIA T1F CL
RIM = 659.03
INV = 655.28 (12" N)
INV = 646.71 (48" E)
INV = 646.81 (48" W)
INV = 654.79 (12" SE)

72 STA 123+88.3, 13.5' RT
CB TC T3VF&G
RIM = 658.82
INV = 655.00 (12" NW)



10 BOTTOM STORM = 664.06
TOP SANITARY = 659.84

11 BOTTOM SANITARY = 657.94
TOP STORM = 657.29

12 BOTTOM STORM = 655.20
TOP SANITARY = 653.12

13 BOTTOM STORM = 656.31
TOP SANITARY = 656.15

14 BOTTOM SANITARY = 651.84
TOP STORM = 651.28

15 BOTTOM STORM = 654.67
TOP SANITARY = 652.26

LEGEND

- HOUSE NUMBER

59 3' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

60 21' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 4 CU YD

61 41' - STORM SEW WM REQ, 48" @ 0.60%
T.B.F. = 115 CU YD

62 9' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 9 CU YD

63 105' - STORM SEW CL A 2, 48" @ 0.60%
T.B.F. = 221 CU YD

64 3' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

65 123' - STORM SEW CL A 2, 48" @ 0.60%
T.B.F. = 230 CU YD

66 3' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 1 CU YD

67 17' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 4 CU YD

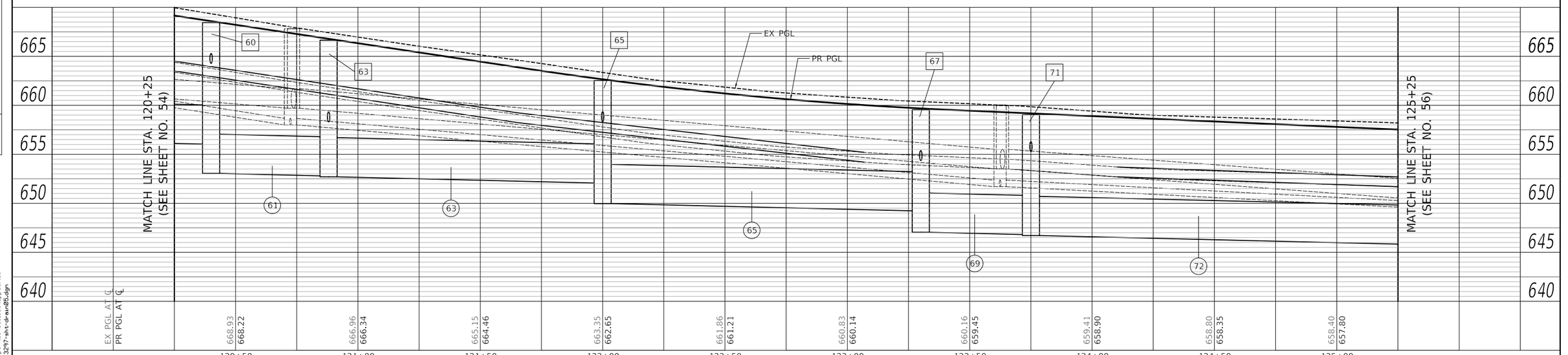
68 21' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

69 38' - STORM SEW WM REQ, 48" @ 0.60%
T.B.F. = 81 CU YD

70 22' - STORM SEW WM REQ, 12" @ 1.00%
T.B.F. = 4 CU YD

71 21' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 4 CU YD

72 148' - STORM SEW CL A 2, 48" @ 0.60%
T.B.F. = 298 CU YD



PLAN
SURVEYED
PLOTTED
CROSS CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
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BY
DATE

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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 6 OF 8 SHEETS | STA. 120+25 TO STA. 125+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	55
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

73 STA 125+30.0, 13.5' LT
CB TC T3VF&G
RIM = 657.20
INV = 653.50 (12" S)

74 STA 125+30.0, 7.0' LT
MAN TA 7 DIA T1F CL
RIM = 657.33
INV = 645.82 (48" W)
INV = 643.22 (48" E)
INV = 653.33 (12" S)
INV = 653.47 (12" N)

75 STA 125+30.0, 13.5' RT
CB TC T3VF&G
RIM = 657.20
INV = 653.50 (12" N)

76 STA 126+36.7, 19.2' RT
INLETS TA T3F&G
RIM = 655.97
INV = 652.42 (12" E)

77 STA 126+68.3, 35.0' LT
MAN TA 7 DIA T1F CL
RIM = 656.15
INV = 646.30 (EX 30" N)
INV = 642.57 (48" S)

78 STA 126+69.0, 12.5' LT
MAN TA 10 DIA T1F CL
RIM = 655.69
INV = 642.43 (48" N)
INV = 642.43 (48" W)
INV = 642.33 (84" E)
INV = 651.63 (12" S)

79 STA 126+65.9, 32.9' LT
CB TA 4 DIA T3VF&G
RIM = 656.19
INV = 652.00 (12" N)
INV = 652.50 (EX 12" S)
INV = 652.10 (12" W)

80 STA 126+90.0, 13.5' LT
INLETS TB T3F&G
RIM = 655.43
INV = 649.99

81 STA 128+25.0, 13.5' LT
INLETS TB T3F&G
RIM = 654.02
INV = 650.48 (12" S)
INV = 649.94

82 STA 128+25.0, 13.5' RT
CB TC T3VF&G
RIM = 654.02
INV = 650.75 (12" N)

83 STA 129+40.0, 13.5' LT
INLETS TA T3F&G
RIM = 653.48
INV = 649.89

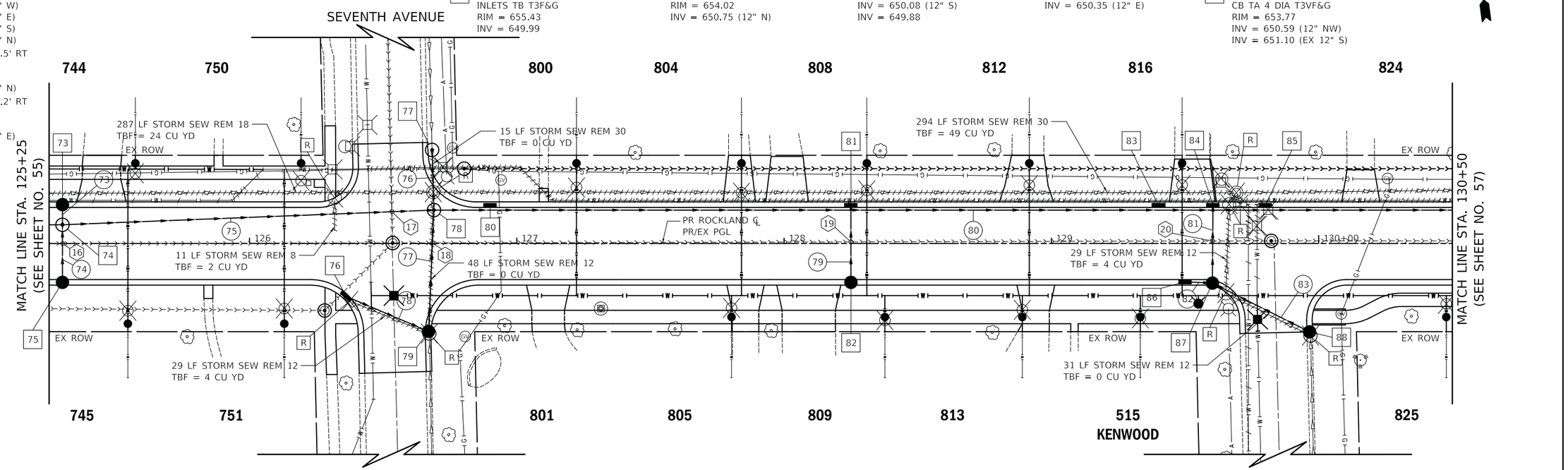
84 STA 129+60.4, 13.5' LT
INLETS TA T23F&G
RIM = 653.48
INV = 650.08 (12" S)
INV = 649.88

85 STA 129+80.0, 13.5' LT
INLETS TA T3F&G
RIM = 653.49
INV = 649.87

86 STA 129+50.0, 13.5' RT
INLETS TA T3F&G
RIM = 653.47
INV = 650.35 (12" E)

87 STA 129+60.4, 13.8' RT
CB TA 4 DIA T3VF&G
RIM = 653.50
INV = 650.29 (12" N)
INV = 650.29 (12" W)
INV = 650.29 (12" SE)

88 STA 129+95.6, 33.1' RT
CB TA 4 DIA T3VF&G
RIM = 653.77
INV = 650.59 (12" NW)
INV = 651.10 (EX 12" S)



LEGEND

- HOUSE NUMBER

(73) 3' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 1 CU YD

(74) 17' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 3 CU YD

(75) 132' - STORM SEW WM REQ, 48" @ 0.60%
T.B.F. = 331 CU YD

(76) 14' - STORM SEW CL A 2, 48" @ 1.00%
T.B.F. = 118 CU YD

(77) 37' - STORM SEW WM REQ, 12" @ 1.00%
T.B.F. = 7 CU YD

(78) 32' - STORM SEW WM REQ, 12" @ 1.00%
T.B.F. = 5 CU YD

(79) 27' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 3 CU YD

(80) 622' - STORM SEW WM REQ, 84" @ 0.04%
T.B.F. = 1487 CU YD

(81) 27' - STORM SEW CL A 1, 12" @ 0.80%
T.B.F. = 27 CU YD

(82) 7' - STORM SEW CL A 1, 12" @ 0.80%
T.B.F. = 1 CU YD

(83) 38' - STORM SEW WM REQ, 12" @ 0.80%
T.B.F. = 3 CU YD

(16) BOTTOM STORM = 653.20
TOP SANITARY = 650.32

(17) BOTTOM SANITARY = 647.75
TOP STORM = 646.91

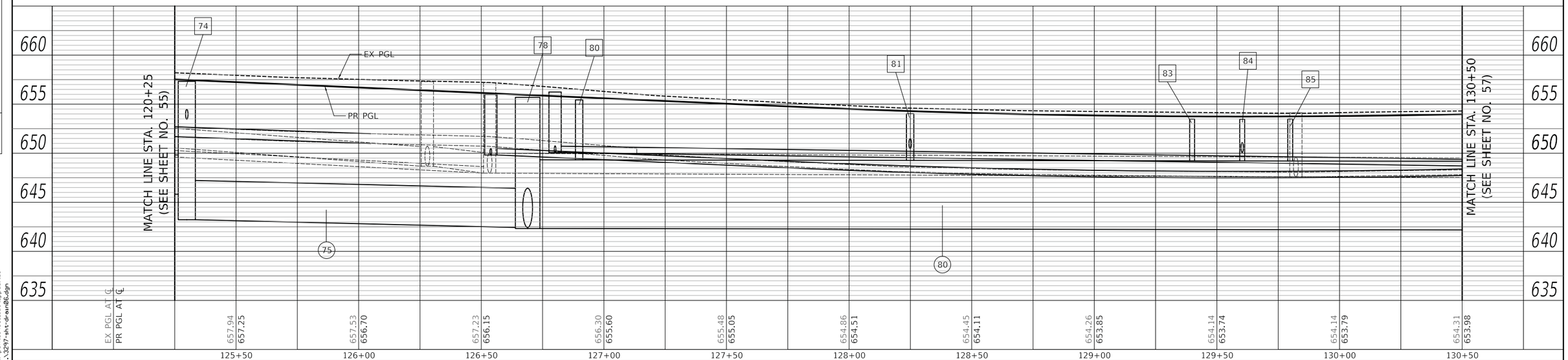
(18) BOTTOM STORM = 651.52
TOP SANITARY = 650.23

(19) BOTTOM STORM = 650.44
TOP SANITARY = 650.04

(20) BOTTOM STORM = 650.01
TOP SANITARY = 649.87

NOTES

1. FOR DETAILS ON INLET DROP TO 84" RCP SEE SHEET 59



CIVILTECH

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	DRAWN - NEM	REVISED -	
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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 7 OF 8 SHEETS | STA. 125+25 | TO STA. 130+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	56
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

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PROFILE: SURVEYED, PLOTTED, DRAWN, CHECKED, E.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

89 STA 131+45.0, 13.5' LT
INLETS TB T3F&G
RIM = 654.34
INV = 650.73 (12" S)
INV = 649.81

90 STA 131+45.0, 13.5' RT
CB TC T3VF&G
RIM = 654.34
INV = 651.00 (12" N)

91 STA 132+75.0, 13.5' LT
INLETS TB T3F&G
RIM = 655.22
INV = 649.75

92 PCC JUNCTION CHAMBER
FOR DETAILS SEE SHEET 105
INV = 642.08 (10'WX4'H E)
INV = 642.08 (84" W)
INV = 651.28 (12" S)

93 STA 133+00.0, 13.5' RT
CB TC T3VF&G
RIM = 655.38
INV = 651.50 (12" N)

94 PCC JUNCTION CHAMBER
FOR DETAILS SEE SHEET 106
INV = 642.06 (10'WX4'H W)
INV = 642.06 (84" E)
INV = 651.76 (12" S)

95 STA 133+55.0, 16.4' RT
CB TC T3VF&G
RIM = 655.71
INV = 652.00 (12" N)

96 STA 133+85.0, 13.5' LT
INLETS TB T3F&G
RIM = 655.90
INV = 649.72

97 STA 134+50.0, 12.5' LT
MAN TA 10 DIA T1F CL
RIM = 656.23
INV = 642.03 (84" E)
INV = 642.03 (84" W)

98 STA 135+15.0, 25.8' LT
MAN TA 10 DIA T1F CL
RIM = 656.44
INV = 642.01 (84" E)
INV = 642.01 (84" W)

99 STA 135+47.1, 26.3' LT
PR END SECTION W/ GRATE
FOR DETAILS SEE
SHEETS 109 & 110
INV = 642.00

END RECONSTRUCTION
BEGIN RESURFACING
STA. 133+03

END ROADWAY
RESURFACING
STA. 135+40

N

828 832 836 840 902 910

MATCH LINE STA. 130+50
(SEE SHEET NO. 56)

EX ROW

41 LF STORM SEW REM 30
TBF = 144 CU YD

8" Clay

5 LF STORM SEW REM 8
TBF = 0 CU YD

240 LF STORM SEW REM 30
TBF = 113 CU YD

7 LF STORM SEW REM 15
TBF = 0 CU YD

27 LF STORM SEW REM 8
TBF = 4 CU YD

41 LF STORM SEW REM 8
TBF = 3 CU YD

135+00

829 833 837 841 903 911

RIVERSIDE DRIVE

LEGEND

- HOUSE NUMBER

84 27' - STORM SEW CL A 1, 12" @ 1.00%
T.B.F. = 3 CU YD

85 22' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 4 CU YD

86 47' - PCBC, 10'X4' @ 0.04%
FOR DETAILS SEE SHEETS 105 & 106
T.B.F. = 206 CU YD

87 24' - STORM SEW CL A 2, 12" @ 1.00%
T.B.F. = 4 CU YD

88 86' - STORM SEW CL A 2, 84" @ 0.04%
T.B.F. = 228 CU YD

89 56' - STORM SEW CL A 2, 84" @ 0.04%
T.B.F. = 42 CU YD

90 25' - STORM SEW CL A 2, 84" @ 0.04%
T.B.F. = 0 CU YD

21 BOTTOM STORM = 650.69
TOP SANITARY = 649.66

22 BOTTOM STORM = 651.11
TOP SANITARY = 649.48

23 BOTTOM SANITARY = 647.42
TOP BOX CULVERT = 646.90

24 BOTTOM SANITARY = 646.95
TOP BOX CULVERT = 646.89

25 BOTTOM STORM = 651.65
TOP SANITARY = 649.13

NOTES

1. FOR DETAILS ON INLET DROP TO 84" RCP SEE SHEET 59

PLAN — SURVEYED, PLOTTED, CROSS SECT CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, CROSS SECT CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

660 655 650 645 640 635

MATCH LINE STA. 130+50
(SEE SHEET NO. 56)

EX PGL
PR PGL

EX PGL AT ℄ 654.31 654.52 654.73 654.91 655.20 655.64 656.01 656.21 656.46 656.75 657.00
PR PGL AT ℄ 653.98 654.30 654.64 654.98 655.32 655.65

130+50 131+00 131+50 132+00 132+50 133+00 133+50 134+00 134+50 135+00 135+50

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	DRAWN - NEM	REVISED -	
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PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

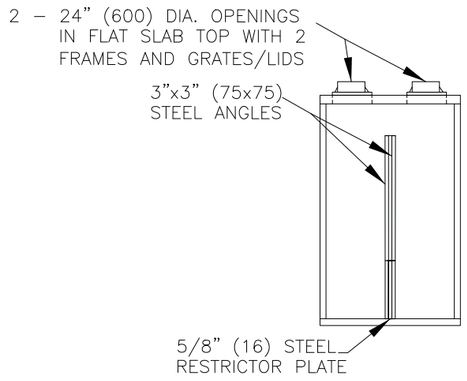
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
DRAINAGE AND UTILITY PLAN AND PROFILE

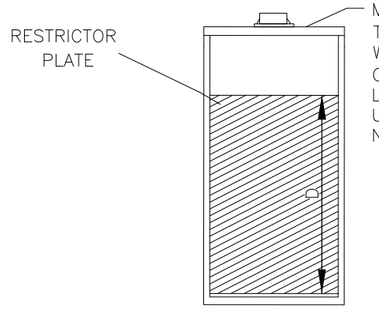
SCALE: 1" = 20' | SHEET 8 OF 8 SHEETS | STA. 130+50 TO STA. 135+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	57
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		

STRUCTURE	DIMENSION "D"	TOP OF RESTRICTOR PLATE ELEV.	RIM ELEV.	INVERT ELEV.	MANHOLE DIAMETER
10	1.70'	686.00'	688.85'	688.85'	6'

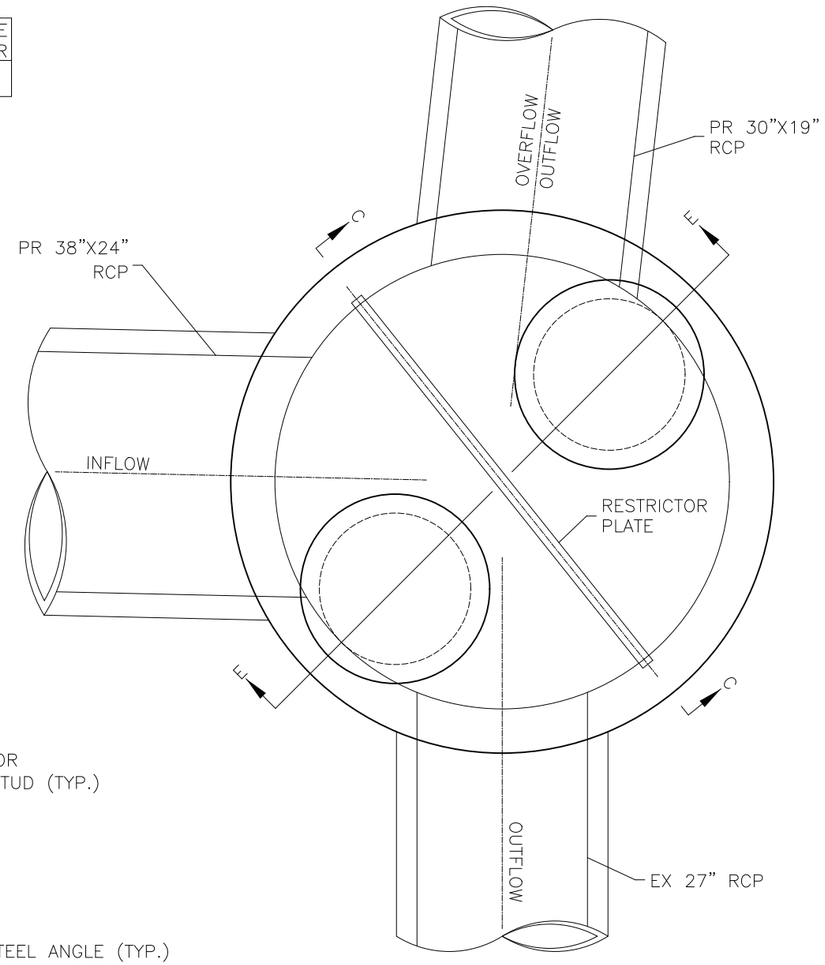


SECTION E–E

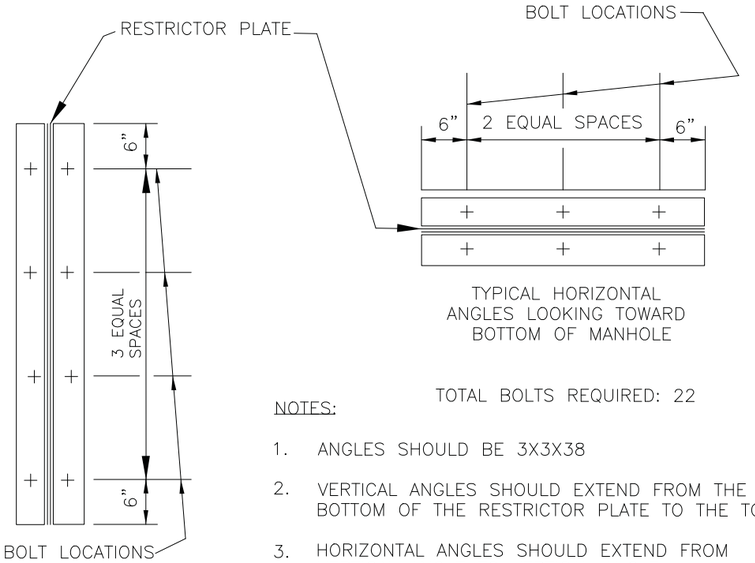


SECTION C–C

DRAINAGE STRUCTURE RESTRICTORS
(NOT TO SCALE)



PLAN



TYPICAL HORIZONTAL ANGLES LOOKING TOWARD BOTTOM OF MANHOLE

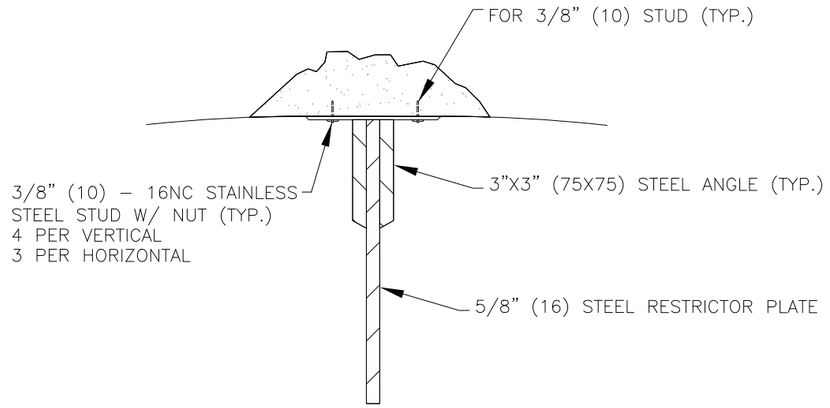
TYPICAL VERTICAL ANGLES LOOKING TOWARD MANHOLE WALL

TOTAL BOLTS REQUIRED: 22

NOTES:

1. ANGLES SHOULD BE 3X3X38
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

STEEL ANGLE BOLTING DETAILS
(NOT TO SCALE)



ANGLE FASTENER DETAIL
(NOT TO SCALE)

NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6'–DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE".
4. THIS STRUCTURE IS A WEIR OVERFLOW ONLY WITH NO RESTRICTOR ORIFICE IN THE PLATE

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	DRAWN -	REVISED -
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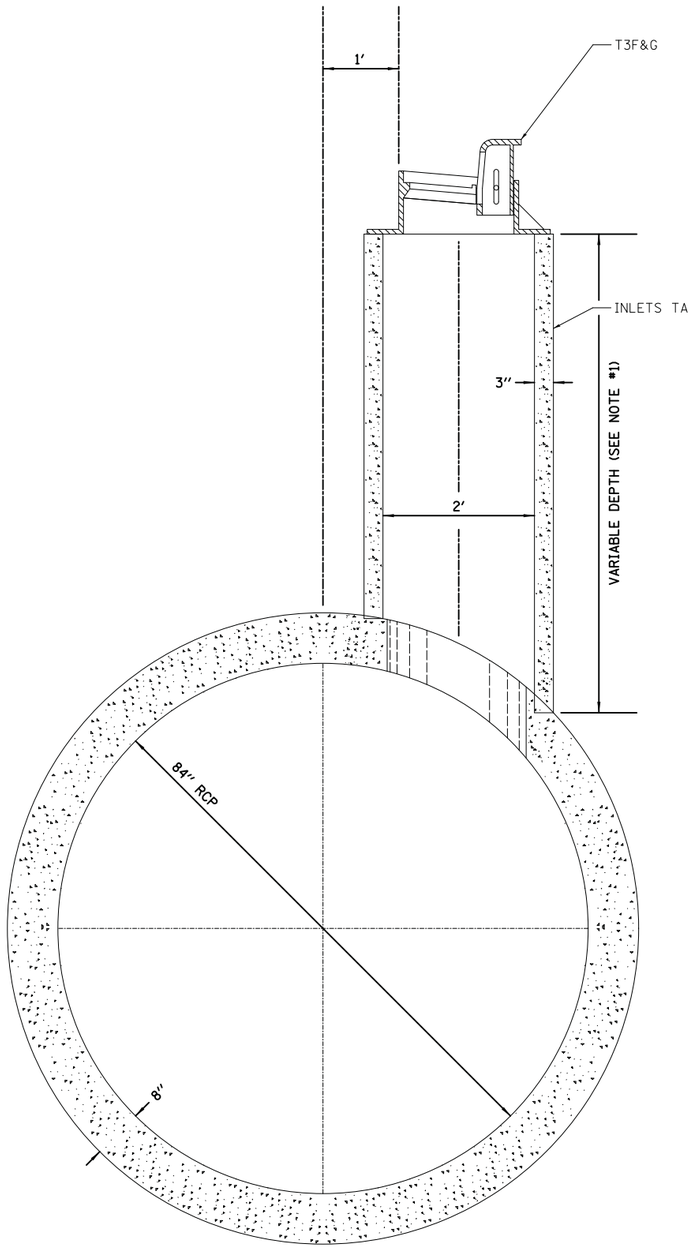
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

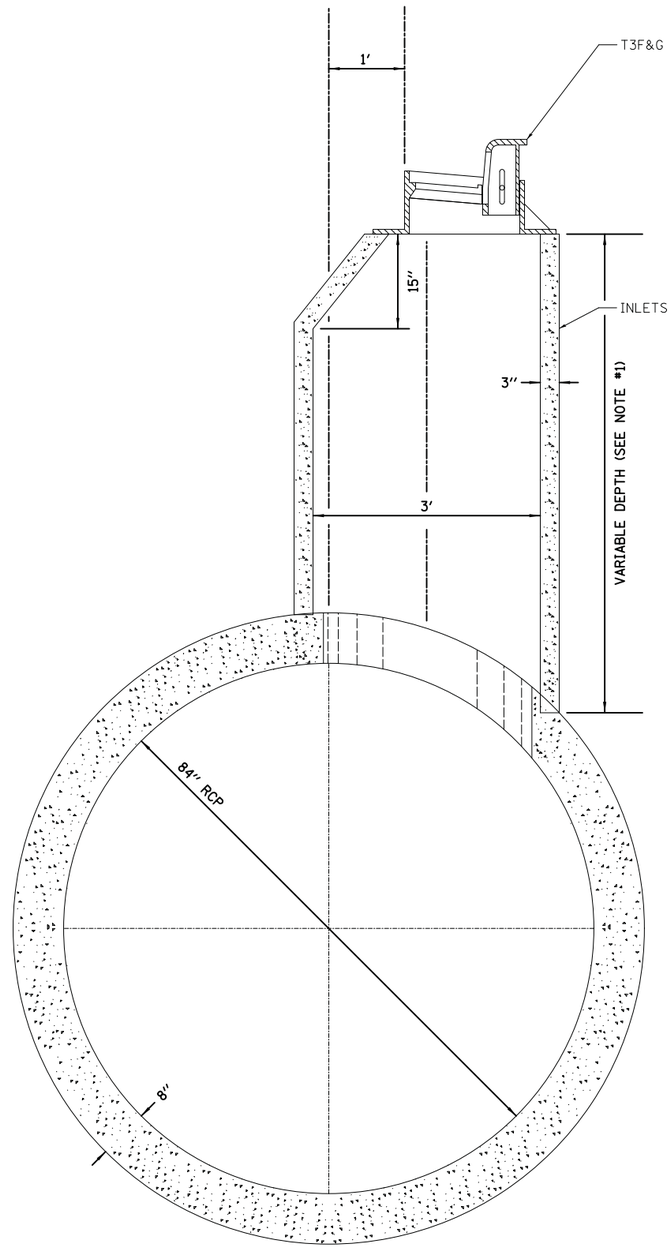
ROCKLAND ROAD
MANHOLE AND WEIR OVERFLOW DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	58
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	



DETAIL OF TYPE A INLET
DROP TO 84" RCP



DETAIL OF TYPE B INLET
DROP TO 84" RCP

NOTES

1. INLET DEPTH VARIES BASED ON RIM ELEVATION. INLET TYPE A TO HAVE A MAXIMUM DEPTH OF 72".

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CIVILTECH

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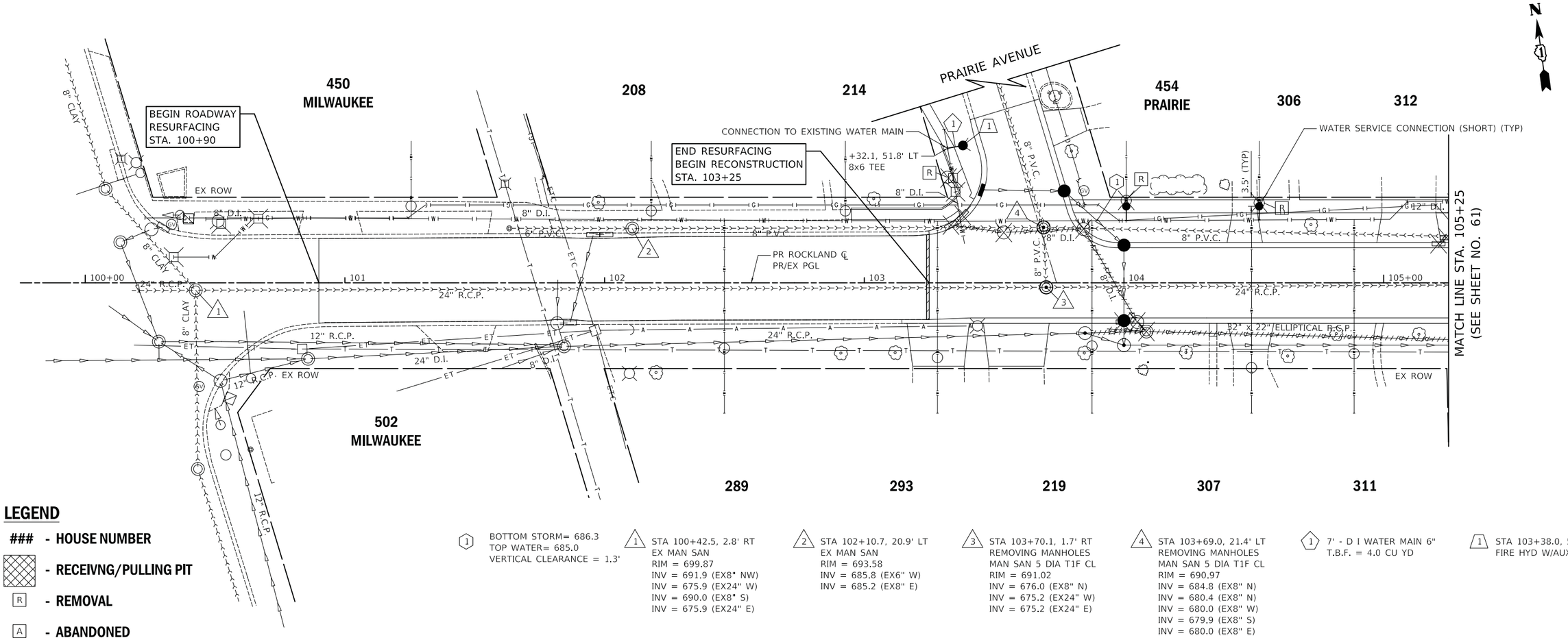
	DRAWN -	REVISED -
PLOT SCALE = 1.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
INLET DROP DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	59
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- ### - HOUSE NUMBER
- ▨ - RECEIVNG/PULLING PIT
- R - REMOVAL
- A - ABANDONED

(1) BOTTOM STORM= 686.3
TOP WATER= 685.0
VERTICAL CLEARANCE = 1.3'

(1) STA 100+42.5, 2.8' RT
EX MAN SAN
RIM = 699.87
INV = 691.9 (EX8" NW)
INV = 675.9 (EX24" W)
INV = 690.0 (EX8" S)
INV = 675.9 (EX24" E)

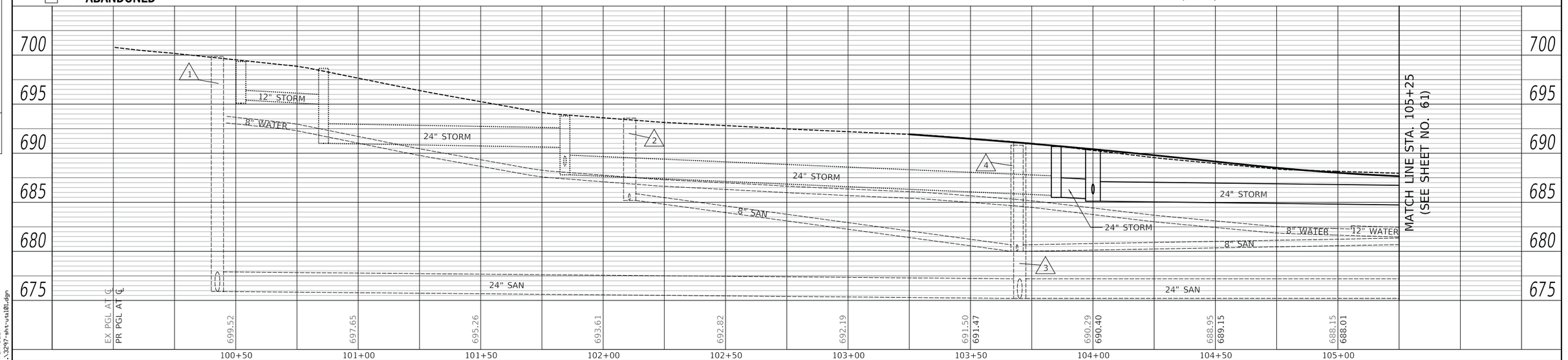
(2) STA 102+10.7, 20.9' LT
EX MAN SAN
RIM = 693.58
INV = 685.8 (EX6" W)
INV = 685.2 (EX8" E)

(3) STA 103+70.1, 1.7' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 691.02
INV = 676.0 (EX8" N)
INV = 675.2 (EX24" W)
INV = 675.2 (EX24" E)

(4) STA 103+69.0, 21.4' LT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 690.97
INV = 684.8 (EX8" N)
INV = 680.4 (EX8" N)
INV = 680.0 (EX8" W)
INV = 679.9 (EX8" S)
INV = 680.0 (EX8" E)

(1) 7' - D I WATER MAIN 6"
T.B.F. = 4.0 CU YD

(1) STA 103+38.0, 52.9' LT
FIRE HYD W/AUX V & VB



PLAN: SURVEYED, PLOTTED, CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

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		DRAWN - MC		REVISED -	
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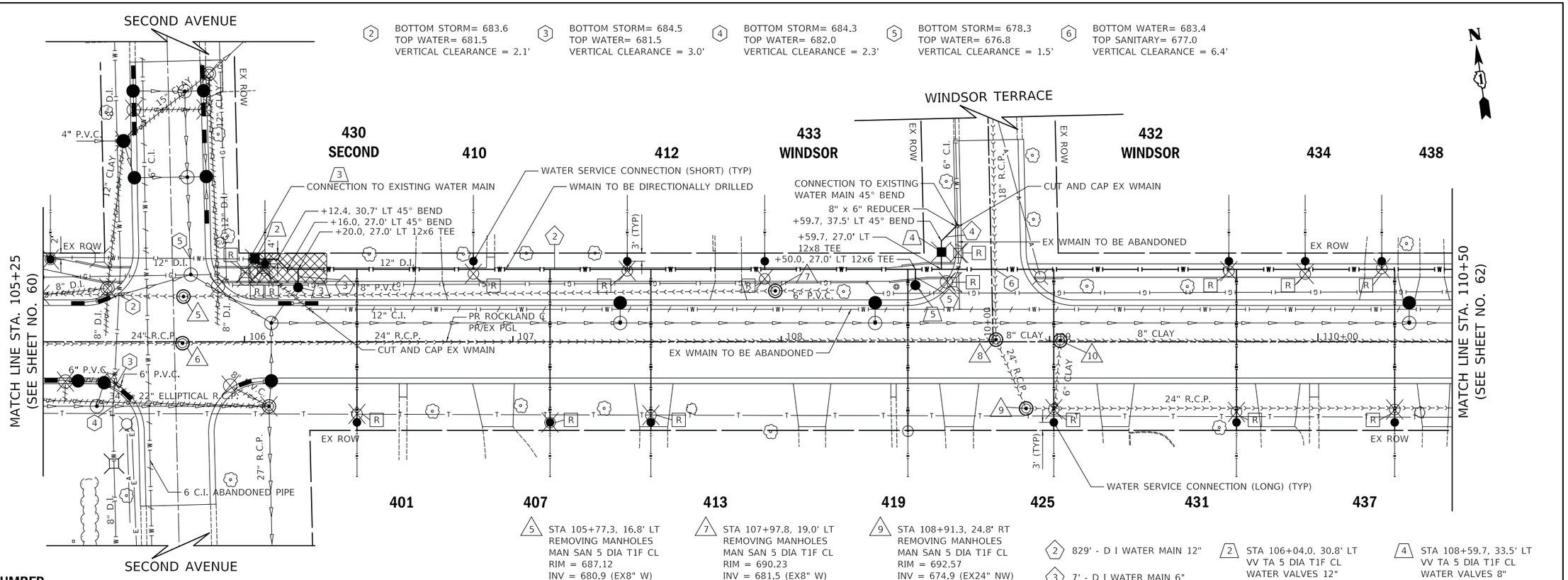
PLOT DATE = 2/13/2019		DATE - 02/13/2019		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
WATERMAIN, SANITARY AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 1 OF 7 SHEETS | STA. 100+90 TO STA. 105+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	60
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	



2 BOTTOM STORM= 683.6
TOP WATER= 681.5
VERTICAL CLEARANCE = 2.1'

3 BOTTOM STORM= 684.5
TOP WATER= 681.5
VERTICAL CLEARANCE = 3.0'

4 BOTTOM STORM= 684.3
TOP WATER= 682.0
VERTICAL CLEARANCE = 2.3'

5 BOTTOM STORM= 678.3
TOP WATER= 676.8
VERTICAL CLEARANCE = 1.5'

6 BOTTOM WATER= 683.4
TOP SANITARY= 677.0
VERTICAL CLEARANCE = 6.4'

LEGEND

- ### - HOUSE NUMBER
- ▨ - RECEIVNG/PULLING PIT
- R - REMOVAL
- A - ABANDONED

5 STA 105+77.3, 16.8' LT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 687.12
INV = 680.9 (EX8" W)
INV = 680.9 (EX8" E)

6 STA 105+77.3, 16.8' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 687.43
INV = 675.2 (EX24" W)
INV = 675.2 (EX24" E)

7 STA 107+97.8, 19.0' LT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 690.23
INV = 681.5 (EX8" W)
INV = 681.5 (EX6" E)

8 STA 108+80.0, 0.8' LT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 690.70
INV = 674.8 (EX18" N)
INV = 674.8 (EX24" W)
INV = 674.8 (EX24" SE)

9 STA 108+91.3, 24.8' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 692.57
INV = 674.9 (EX24" NW)
INV = 674.9 (EX24" E)

10 STA 109+04.0, 0.4' LT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 690.89
INV = 682.0 (EX8" W)
INV = 682.3 (EX6" S)
INV = 681.8 (EX8" E)

2 829' - D I WATER MAIN 12"

3 7' - D I WATER MAIN 6"
T.B.F. = 5.5 CU YD

4 20' - D I WATER MAIN 8"
T.B.F. = 7.1 CU YD

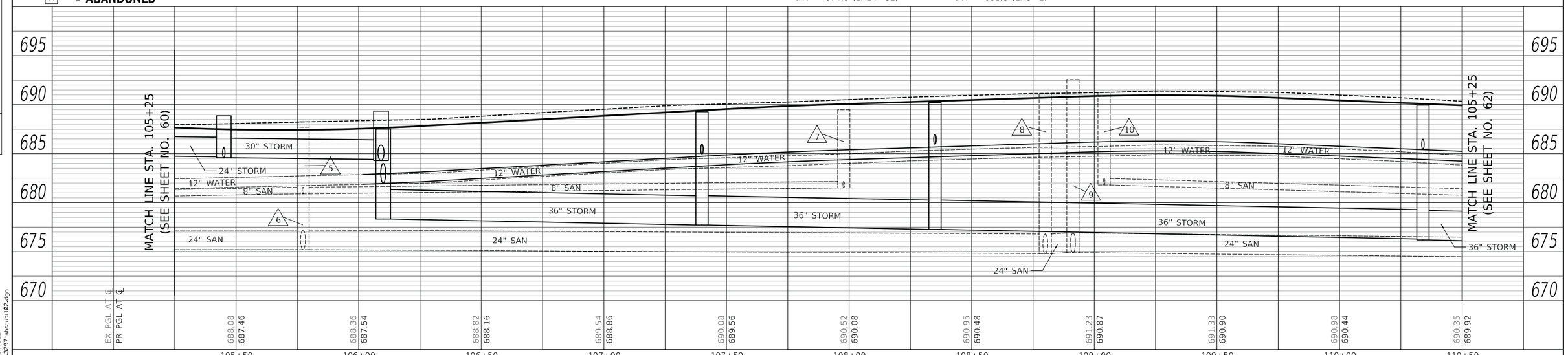
5 6' - D I WATER MAIN 6"
T.B.F. = 4.8 CU YD

2 STA 106+04.0, 30.8' LT
VV TA 5 DIA T1F CL
WATER VALVES 12"
RIM = 687.99

3 STA 106+20.0, 20.3' LT
FIRE HYD W/AUX V & VB

4 STA 108+59.7, 33.5' LT
VV TA 5 DIA T1F CL
WATER VALVES 8"
RIM = 689.75

5 STA 108+50.0, 21.0' LT
FIRE HYD W/AUX V & VB



CIVILTECH

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	DRAWN - MC	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
WATERMAIN, SANITARY AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 2 OF 7 SHEETS | STA. 105+25 | TO STA. 110+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	61
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

PLAN — SURVEYED, PLOTTED, CROSS CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, CROSS CHECKED, B.M. NOTED, STRUCTURE NO, TAIL NO, CHKD

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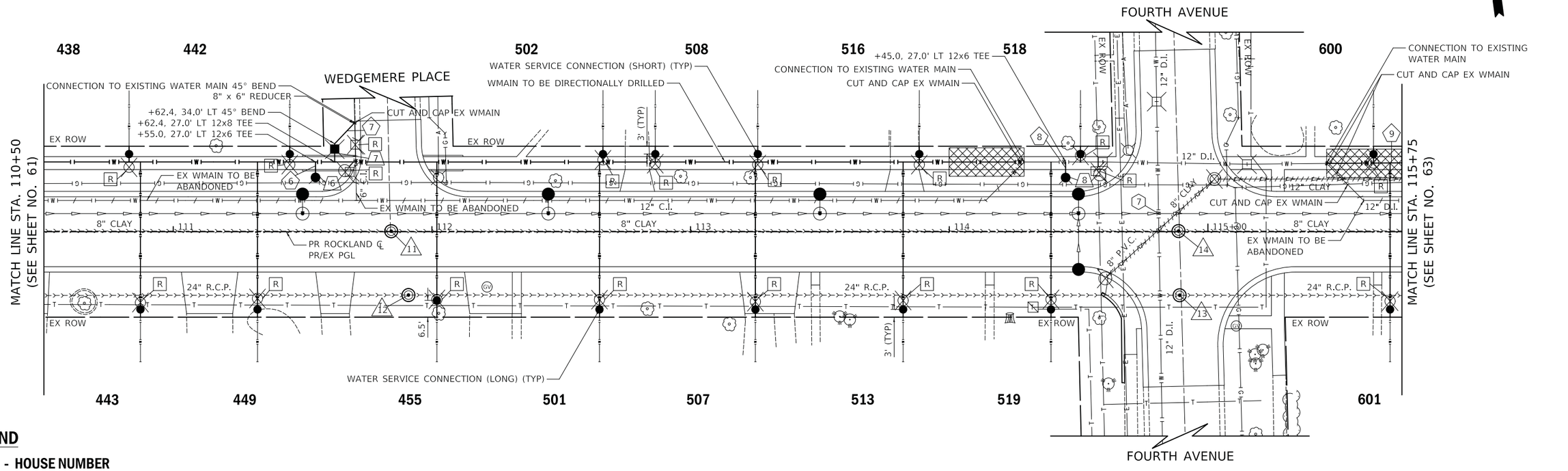
7 BOTTOM WATER= 680.6
TOP STORM= 677.0
VERTICAL CLEARANCE = 3.6'



LEGEND

- HOUSE NUMBER

- RECEIVNG/PULLING PIT

R - REMOVAL

A - ABANDONED

11 STA 111+84.3, 0.2' LT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 688.88
INV = 679.8 (EX8" W)
INV = 679.8 (EX8" E)

12 STA 111+91.0, 24.4' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 690.21
INV = 674.1 (EX24" W)
INV = 674.1 (EX24" E)

13 STA 114+89.1, 24.5' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 687.18
INV = 672.8 (EX24" W)
INV = 672.8 (EX24" E)

14 STA 114+88.6, 0.3' LT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 686.33
INV = 676.9 (EX8" W)
INV = 676.9 (EX8" E)

6 6' - D I WATER MAIN 6"
T.B.F. = 4.8 CU YD

7 19' - D I WATER MAIN 8"
T.B.F. = 6.3 CU YD

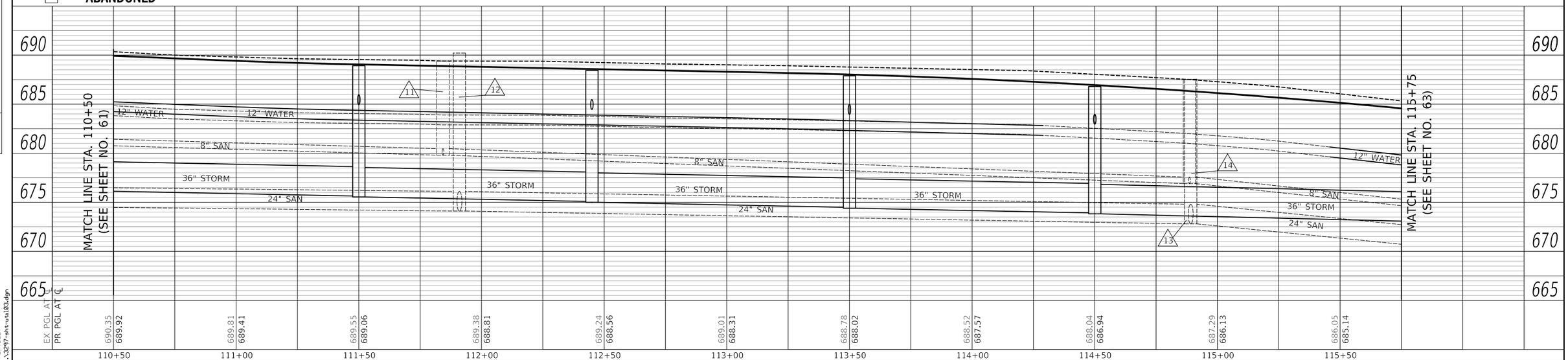
8 6' - D I WATER MAIN 6"
T.B.F = 4.8 CU YD

9 761' - D I WATER MAIN 12"

6 STA 111+55.0, 21.0' LT
FIRE HYD W/AUX V & VB

7 STA 111+62.4, 31.9' LT
VV TA 5 DIA T1F CL
WATER VALVES 8"
RIM = 689.07

8 STA 114+45.0, 21.0' LT
FIRE HYD W/AUX V & VB



CIVILTECH

USER NAME = mc	DESIGNED - MC	REVISED -	
	DRAWN - MC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -	
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
WATERMAIN, SANITARY AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 3 OF 7 SHEETS | STA. 110+50 TO STA. 115+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	62
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBLL$
FILE NAME = ...\3297-sht-uti03.dgn

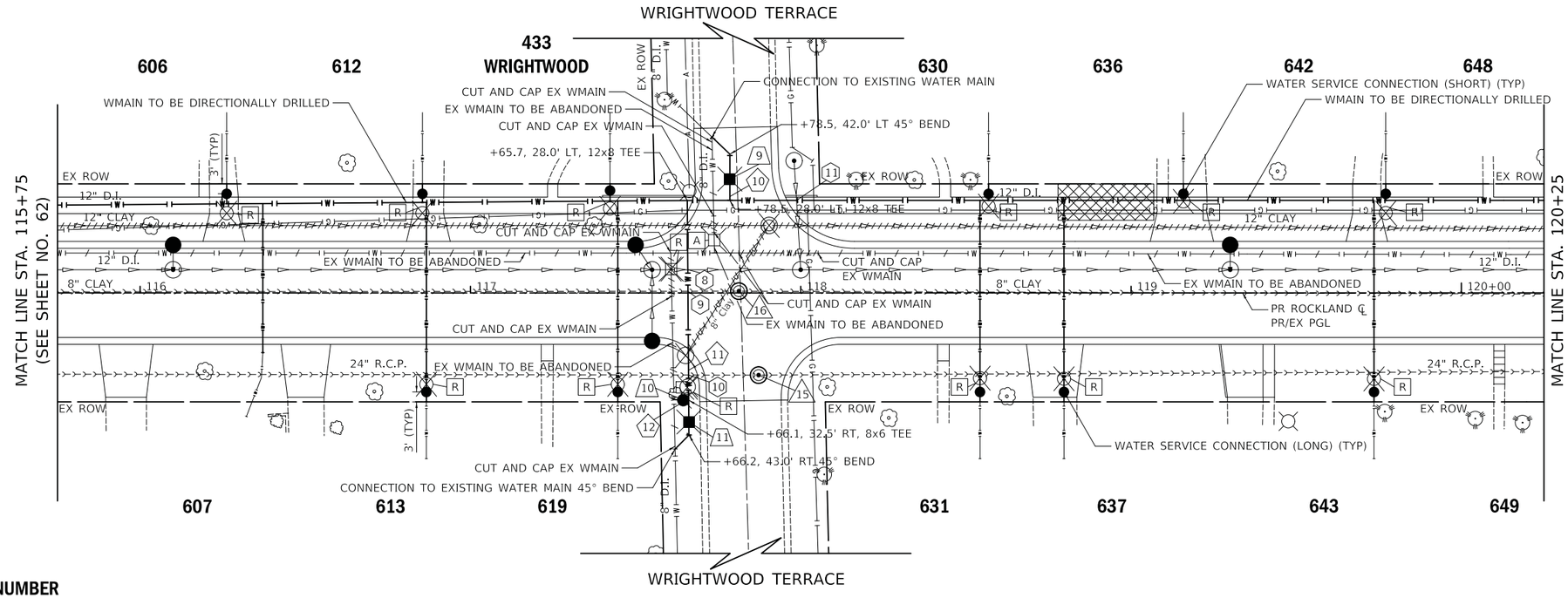
PLAN: SURVEYED, PLOTTED, DESIGNED, CHECKED, AUTOMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE
PROFILE: SURVEYED, PLOTTED, DESIGNED, CHECKED, R.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO., BY, DATE

8 BOTTOM WATER= 671.8
TOP STORM= 670.2
VERTICAL CLEARANCE = 1.6'

9 BOTTOM WATER= 671.8
TOP SANITARY= 670.4
VERTICAL CLEARANCE = 1.4'

10 BOTTOM WATER= 671.8
TOP SANITARY= 668.3
VERTICAL CLEARANCE = 3.5'

11 BOTTOM WATER= 671.0
TOP STORM= 662.0
VERTICAL CLEARANCE = 9.0'



LEGEND

- ### - HOUSE NUMBER
- - RECEIVNG/PULLING PIT
- R - REMOVAL
- A - ABANDONED

15 STA 117+87.2, 24.9' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 678.77
INV = 665.5 (EX24" W)
INV = 665.5 (EX24" E)

16 STA 117+81.3, 0.5' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 678.30
INV = 669.2 (EX8" W)
INV = 669.2 (EX8" E)

10 22' - D I WATER MAIN 8"
T.B.F. = 13.8 CU YD

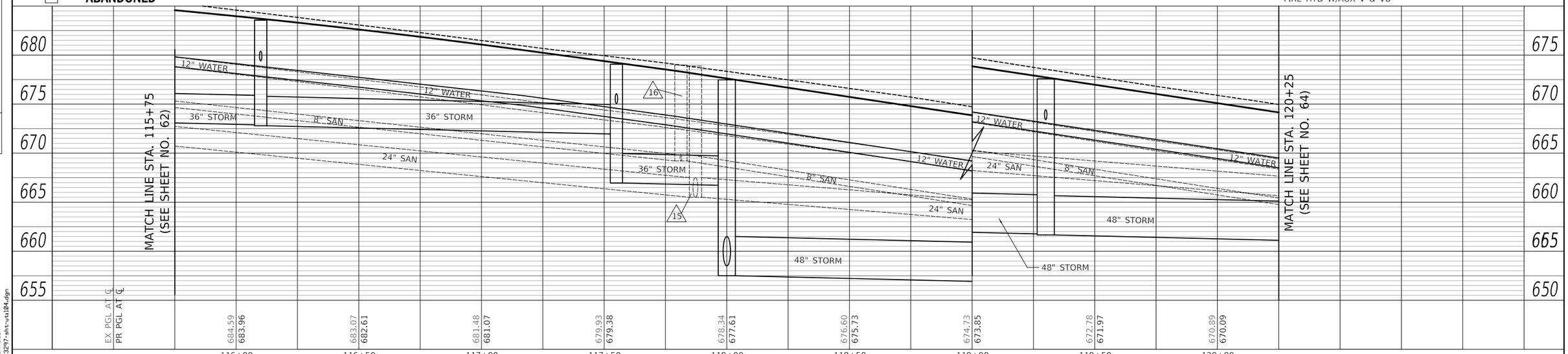
11 78' - D I WATER MAIN 8"
T.B.F. = 31.9 CU YD

12 2' - D I WATER MAIN 6"

9 STA 117+78.5, 34.5' LT
VV TA 5 DIA T1F CL
WATER VALVES 8"
RIM = 678.36

10 STA 117+64.4, 32.5' RT
FIRE HYD W/AUX V & VB

11 STA 117+66.1, 39.1' LT
VV TA 5 DIA T1F CL
WATER VALVES 8"
RIM = 679.90



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3297-sht-uti04.dgn

CIVILTECH	USER NAME = mc	DESIGNED - MC	REVISED -
		DRAWN - MC	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -
	PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
WATERMAIN, SANITARY AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 4 OF 7 SHEETS | STA. 115+75 | TO STA. 120+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	63
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

(12) BOTTOM WATER= 660.9
TOP STORM= 657.4
VERTICAL CLEARANCE = 3.5'

(13) BOTTOM WATER= 660.9
TOP SANITARY= 659.3
VERTICAL CLEARANCE = 1.6'

(14) BOTTOM SANITARY= 659.8
TOP WATER= 658.3
VERTICAL CLEARANCE = 1.5'

(15) BOTTOM WATER= 660.6
TOP SANITARY= 658.9
VERTICAL CLEARANCE = 1.7'

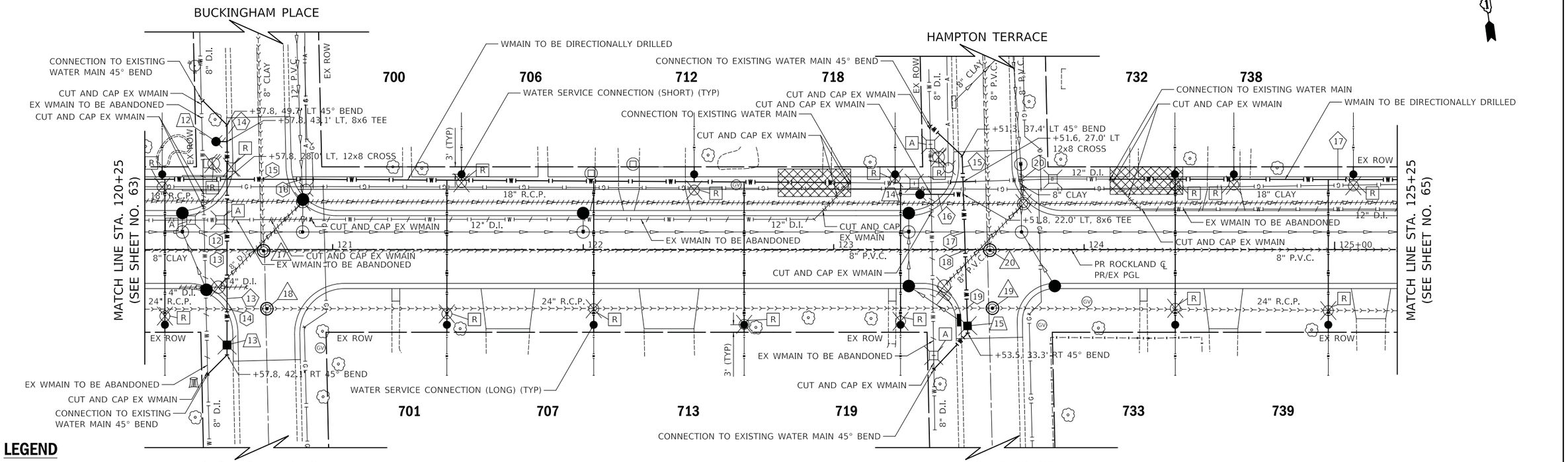
(16) BOTTOM STORM= 659.3
TOP WATER= 657.8
VERTICAL CLEARANCE = 1.5'

(17) BOTTOM WATER= 652.4
TOP STORM= 651.3
VERTICAL CLEARANCE = 1.1'

(18) BOTTOM SANITARY= 651.8
TOP WATER= 650.3
VERTICAL CLEARANCE = 1.5'

(19) BOTTOM SANITARY= 653.4
TOP WATER= 651.9
VERTICAL CLEARANCE = 1.5'

(20) BOTTOM STORM= 655.3
TOP WATER= 653.6
VERTICAL CLEARANCE = 1.7'



LEGEND

- ### - HOUSE NUMBER
- - RECEIVNG/PULLING PIT
- R - REMOVAL
- A - ABANDONED

(17) STA 120+72.4, 0.5' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 667.38
INV = 658.0 (EX8" N)
INV = 658.0 (EX8" W)
INV = 658.0 (EX8" E)

(18) STA 120+73.7, 23.6' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 668.28
INV = 659.7 (EX24" W)
INV = 659.7 (EX24" E)

(19) STA 123+63.4, 23.4' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 659.65
INV = 653.5 (EX24" W)
INV = 653.5 (EX24" E)

(20) STA 123+62.4, 0.3' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 659.30
INV = 651.9 (EX8" N)
INV = 651.7 (EX8" W)
INV = 651.7 (EX8" E)

(13) 118' - D I WATER MAIN 8"
T.B.F. = 52.5 CU YD

(14) 5' - D I WATER MAIN 6"
T.B.F. = 1.3 CU YD

(15) 109' - D I WATER MAIN 8"
T.B.F. = 51.3 CU YD

(16) 18' - D I WATER MAIN 6"
T.B.F. = 6.9 CU YD

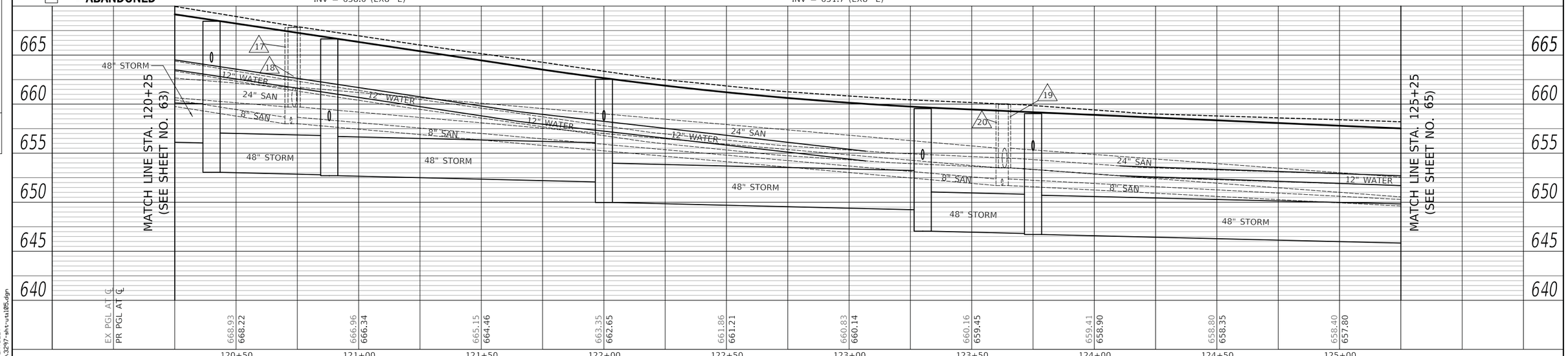
(17) 195' - D I WATER MAIN 12"

(12) STA 120+53.4, 43.1' LT
FIRE HYD W/AUX V & VB

(13) STA 120+57.8, 38.1' RT
VV TA 5 DIA T1F CL
WATER VALVES 8"
RIM = 670.32

(14) STA 123+32.5, 22.0' LT
FIRE HYD W/AUX V & VB

(15) STA 123+53.4, 30.4' RT
VV TA 5 DIA T1F CL
WATER VALVES 8"
RIM = 659.84



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3297-sht-uti05.dgn

CIVILTECH

USER NAME = mc	DESIGNED - MC	REVISED -	
	DRAWN - MC	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -	
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
WATERMAIN, SANITARY AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 5 OF 7 SHEETS | STA. 120+25 TO STA. 125+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	64
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

NOTES

1. PRIOR TO INSTALLATION OF SANITARY SEWER, THE CONTRACTOR SHALL DETERMINE THE LOCATION AND ELEVATION OF EXISTING SANITARY SERVICES TO DETERMINE IF THEY WILL STILL FLOW TO EXISTING SANITARY SEWER AFTER INSTALLATION OF 84" STORM SEWER. THE WORK SHALL BE PAID AS EXPLORATION TRENCH, SPECIAL.

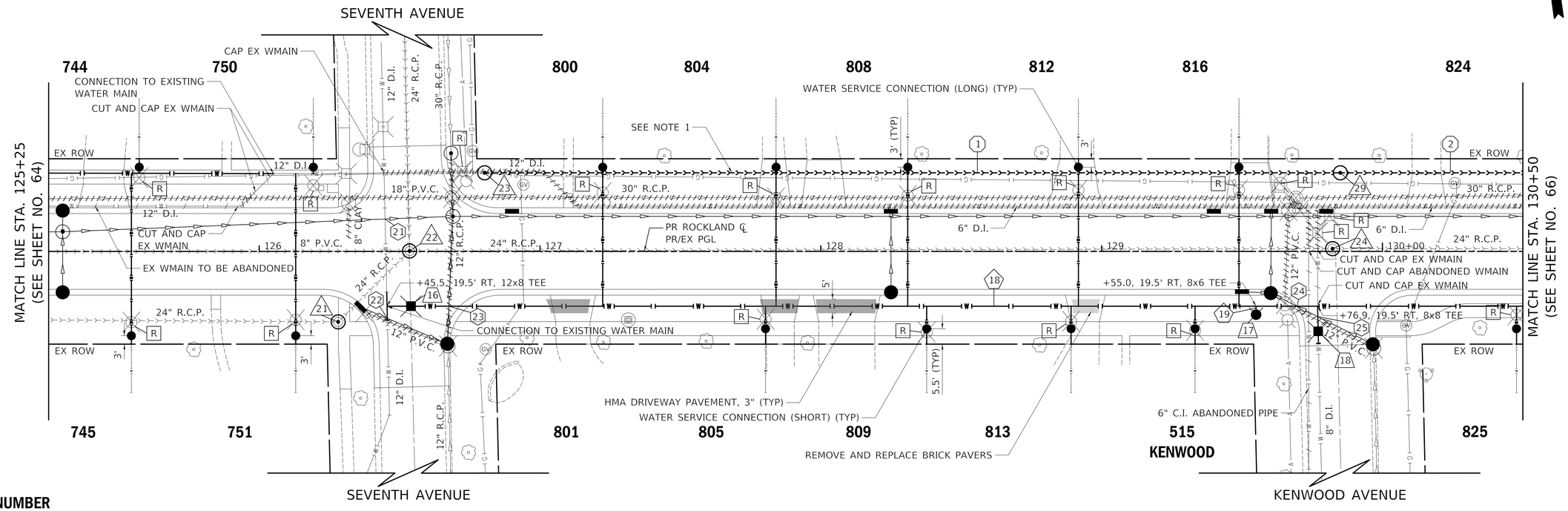
21 BOTTOM WATER= 649.9
TOP STORM = 647.0
VERTICAL CLEARANCE = 2.9'

22 BOTTOM STORM= 652.2
TOP WATER= 651.2
VERTICAL CLEARANCE = 1.0'

23 BOTTOM STORM= 651.7
TOP WATER= 650.3
VERTICAL CLEARANCE = 1.4'

24 BOTTOM STORM= 650.2
TOP WATER= 648.1
VERTICAL CLEARANCE = 2.1'

25 BOTTOM STORM= 650.3
TOP WATER = 648.1
VERTICAL CLEARANCE = 2.2'



LEGEND

- HOUSE NUMBER

- RECEIVNG/PULLING PIT
- R - REMOVAL
- A - ABANDONED

21 STA 126+28.1, 25.1' RT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 656.35
INV = 648.7 (EX24" W)
INV = 648.7 (EX24" NE)

22 STA 126+53.5, 0.2' LT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 656.11
INV = 648.0 (EX24" N)
INV = 648.9 (EX24" SW)
INV = 648.0 (EX24" E)

23 STA 126+80.3, 28.0' LT
MAN SAN 4 DIA T1F CL
RIM = 656.24
INV = 650.3 (8" E)

24 STA 129+82.3, 1.0' LT
REMOVING MANHOLES
MAN SAN 5 DIA T1F CL
RIM = 653.74
INV = 647.6 (EX24" W)
INV = 647.6 (EX24" E)

29 STA 129+85.00, 28.0' LT
MAN SAN 4 DIA T1F CL
RIM = 654.41
INV = 649.08 (8" W)
INV = 649.08 (8" E)

1 300' - SAN SEW, 8" @ 0.4%

2 338' - SAN SEW, 8" @ 0.4%

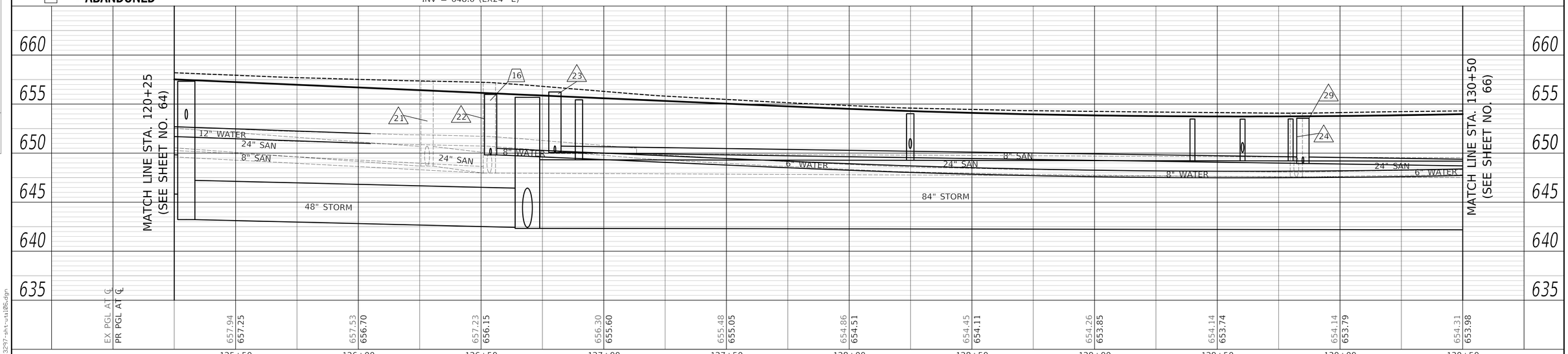
18 820' - D I WATER MAIN 8"
T.B.F. = 236.3 CU YD

19 3' - D I WATER MAIN 6"

16 STA 126+54.0, 19.5' RT
VV TA 5 DIA T1F CL
WATER VALVES 8"
RIM = 655.99

17 STA 129+55.0, 22.5' RT
FIRE HYD W/AUX V & VB

18 STA 129+77.1, 28.4' RT
VV TA 5 DIA T1F CL
WATER VALVES 8"
RIM = 653.80



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3297-sht-uti06.dgn

CIVILTECH	USER NAME = nem	DESIGNED - MC	REVISED -
		DRAWN - MC	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -
	PLOT DATE = 3/21/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
WATERMAIN, SANITARY AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 6 OF 7 SHEETS | STA. 125+25 TO STA. 130+50

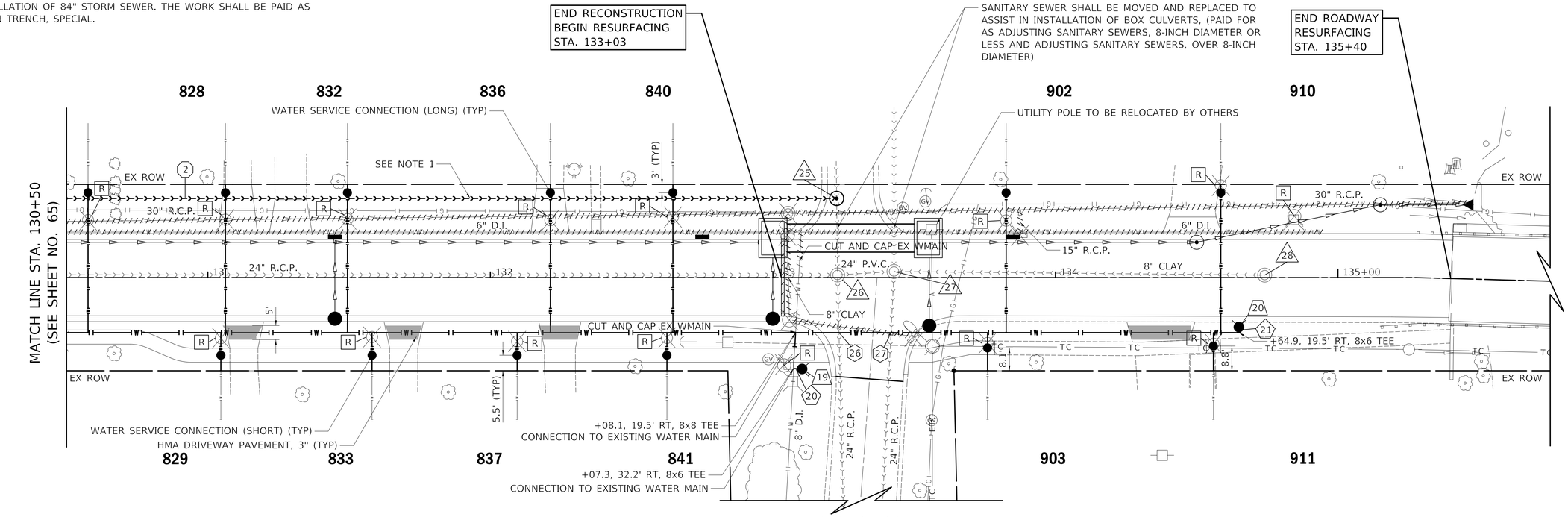
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	65
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, E.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

NOTES

1. PRIOR TO INSTALLATION OF SANITARY SEWER, THE CONTRACTOR SHALL DETERMINE THE LOCATION AND ELEVATION OF EXISTING SANITARY SERVICES TO DETERMINE IF THEY WILL STILL FLOW TO EXISTING SANITARY SEWER AFTER INSTALLATION OF 84" STORM SEWER. THE WORK SHALL BE PAID AS EXPLORATION TRENCH, SPECIAL.



LEGEND

- HOUSE NUMBER

- RECEIVNG/PULLING PIT

R **- REMOVAL**

A **- ABANDONED**

(26) BOTTOM SANITARY= 646.9
TOP WATER= 645.4
VERTICAL CLEARANCE = 1.5'

(27) BOTTOM SANITARY= 647.0
TOP WATER= 645.4
VERTICAL CLEARANCE = 1.6'

△25 STA 133+22.6, 28.0' LT
MAN SAN 4 DIA T1F CL
RIM = 656.24
INV = 647.7 (EX8" N)
INV = 647.7 (8" W)
INV = 647.7 (EX8" S)

△26 STA 133+22.9, 0.9' LT
FR & LIDS ADJUST SPL
MAN SAN 5 DIA T1F CL
RIM = 655.84
INV = 647.5 (EX8" N)
INV = 647.2 (EX24" W)
INV = 647.2 (EX24" S)
INV = 648.5 (EX24" E)

△27 STA 133+42.9, 2.1' LT
FR & LIDS ADJUST SPL
MAN SAN 5 DIA T1F CL
RIM = 655.94
INV = 647.2 (EX24" N)
INV = 648.2 (EX24" W)
INV = 647.2 (EX24" S)
INV = 648.3 (EX8" E)

△28 STA 134+74.1, 0.9' LT
FR & LIDS ADJUST SPL
MAN SAN 5 DIA T1F CL
RIM = 656.55
INV = 649.1 (EX8" W)

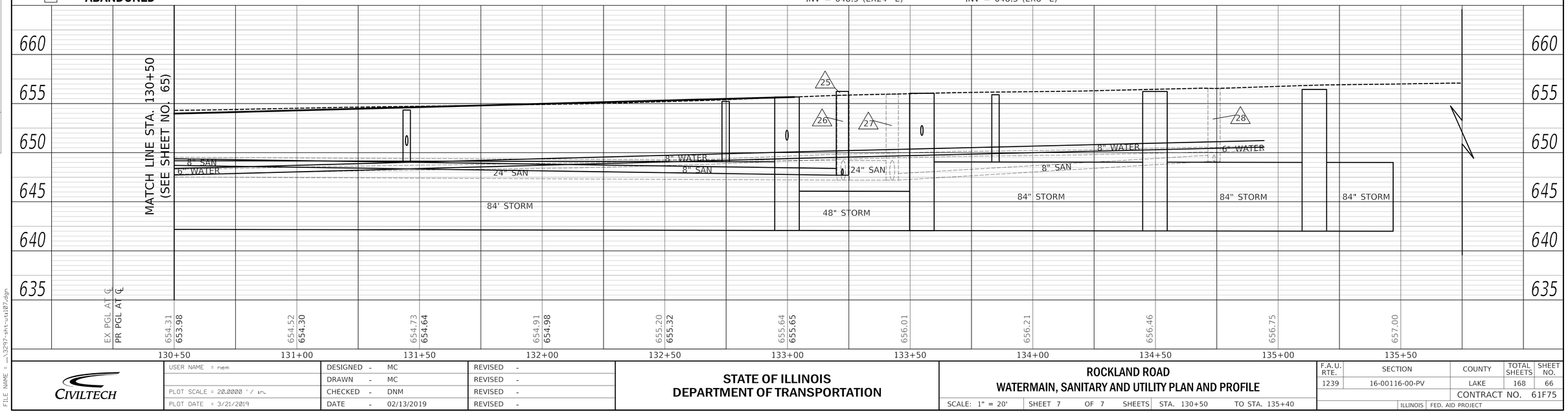
(20) 3' - D I WATER MAIN 6"

(21) 2' - D I WATER MAIN 6"

(2) 338' - SAN SEW, 8" @ 0.4%

△19 STA 133+10.3, 32.3' RT
FIRE HYD W/AUX V & VB

△20 STA 134+64.9, 17.5' RT
FIRE HYD W/AUX V & VB



PLOT DRIVER = $PLTDRVL$
PEN TABLE = $PENTBL$
FILE NAME = ...\3297-sht-uti07.dgn

CIVILTECH	USER NAME = nem	DESIGNED - MC	REVISED -
		DRAWN - MC	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -
	PLOT DATE = 3/21/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

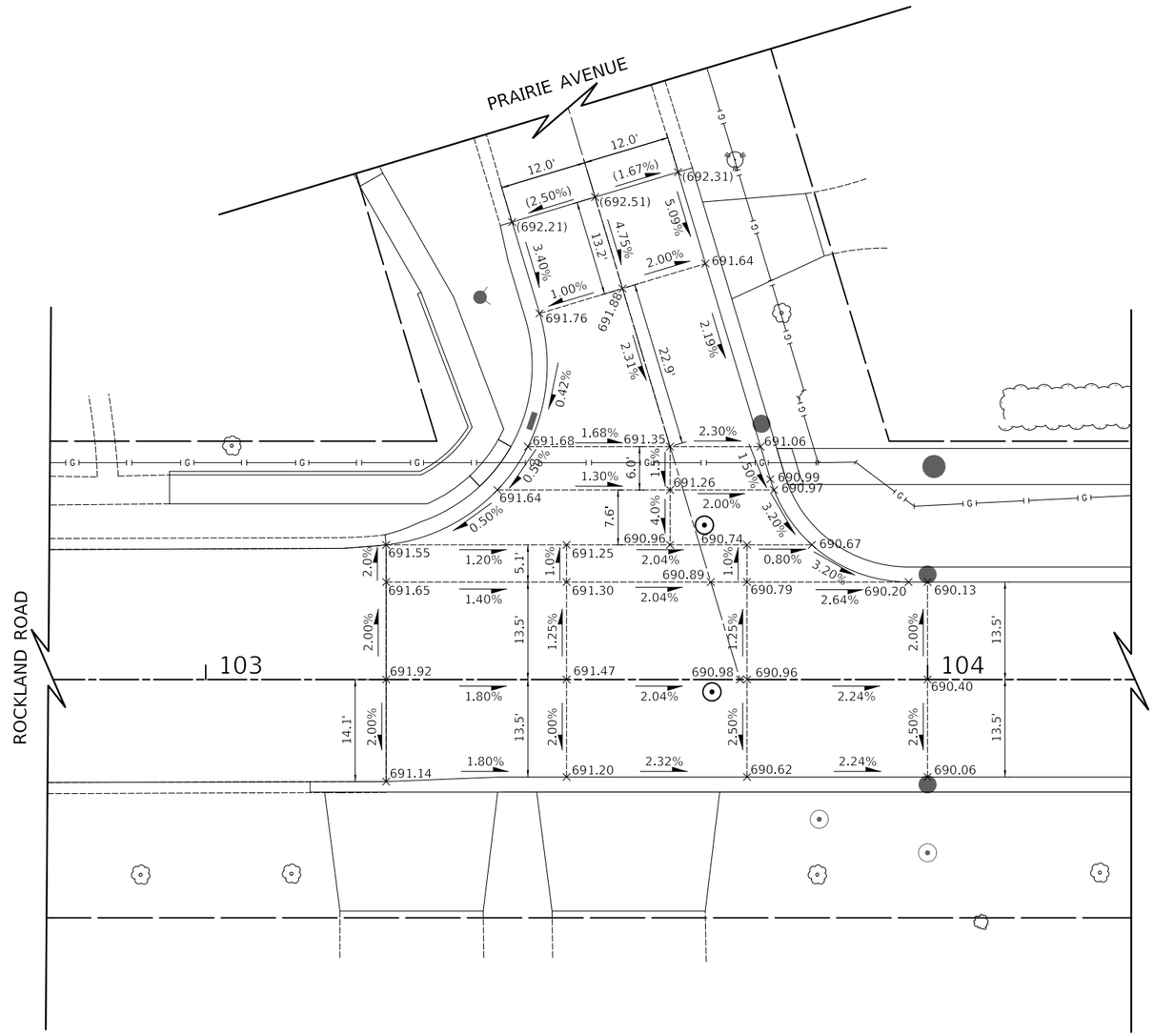
ROCKLAND ROAD
WATERMAIN, SANITARY AND UTILITY PLAN AND PROFILE

SCALE: 1" = 20' | SHEET 7 OF 7 SHEETS | STA. 130+50 | TO STA. 135+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	66
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, E.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%) ⟶	EXISTING SLOPE
X.XX% ⟶	PROPOSED SLOPE
⟶	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

PLOT DRIVER = ...\dms84986\ceiapdf.plt
PEN TABLE = ...\penbl\ceiidot_general.tbl
FILE NAME = ...\3297-int-intersection-01.dgn

CIVILTECH

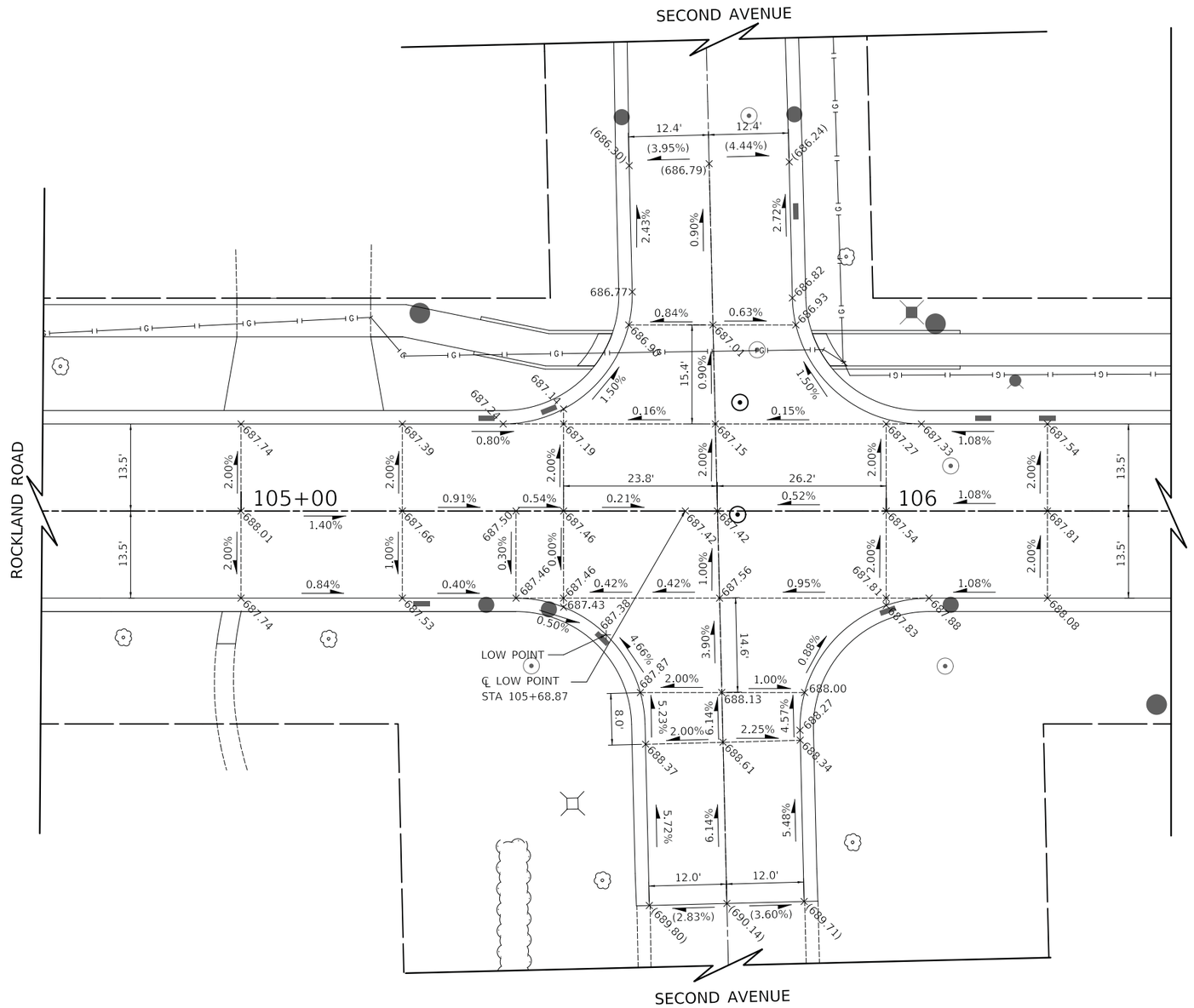
USER NAME = mc	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND PRAIRIE AVENUE
INTERSECTION GRADING PLAN

SCALE: 1" = 10' | SHEET 1 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	67
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%)	EXISTING SLOPE
X.XX%	PROPOSED SLOPE
⟶	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

PLOT DRIVER = ...\dms04986\cei_pdf.plt
PEN TABLE = ...\penttbl\cei.idot.general.tbl
FILE NAME = ...\3297-sht-inter-section-02.dgn

CIVILTECH

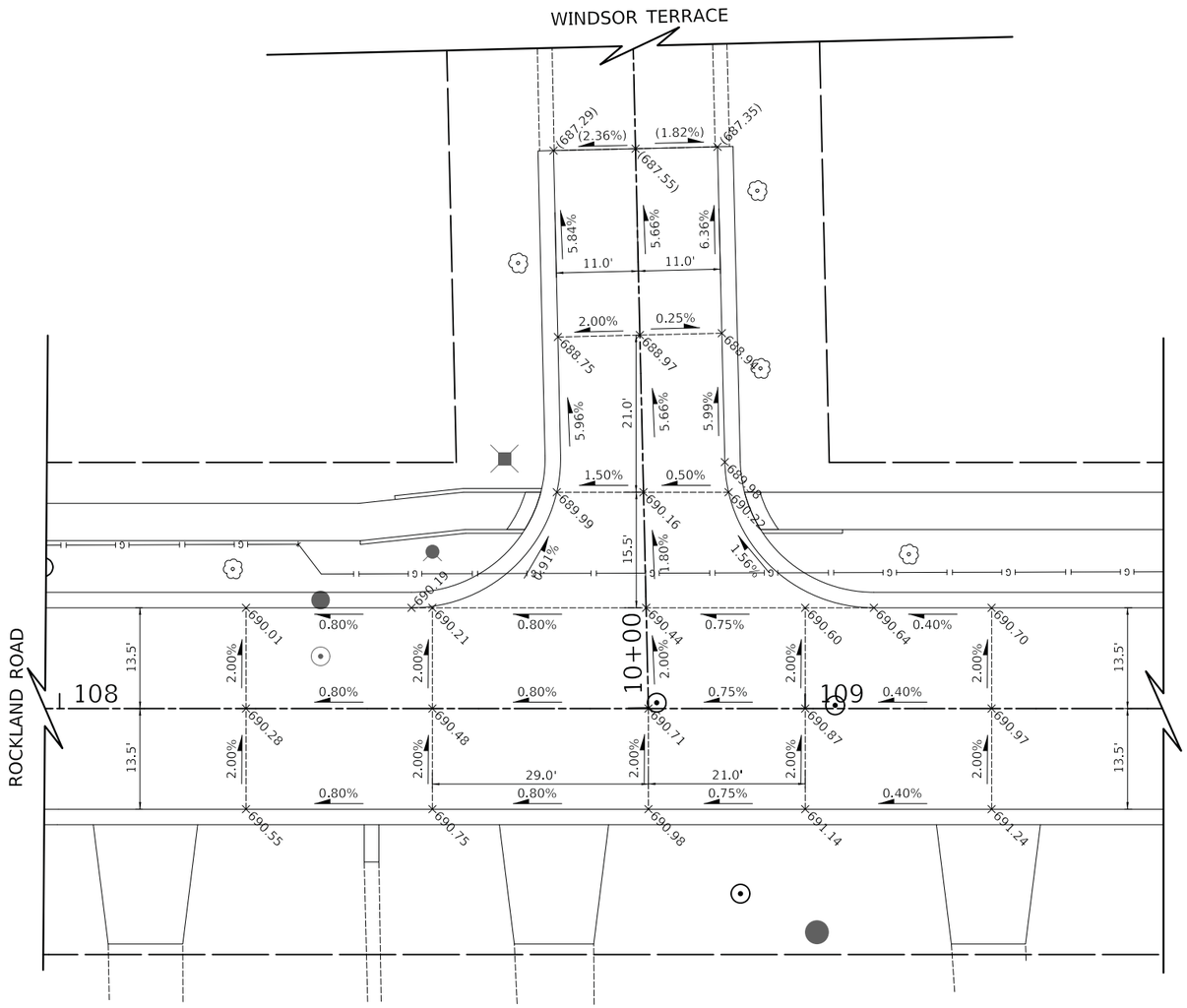
USER NAME = mc	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND SECOND AVENUE
INTERSECTION GRADING PLAN

SCALE: 1" = 10' | SHEET 2 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	68
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%)	EXISTING SLOPE
X.XX%	PROPOSED SLOPE
⟶	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

PLOT DRIVER = ...\dms84986\ce1.pdf.plt
PEN TABLE = ...\penTbl\ce1.idot_general.tbl
FILE NAME = ...\3257-sht-intersection-03.dgn

CIVILTECH

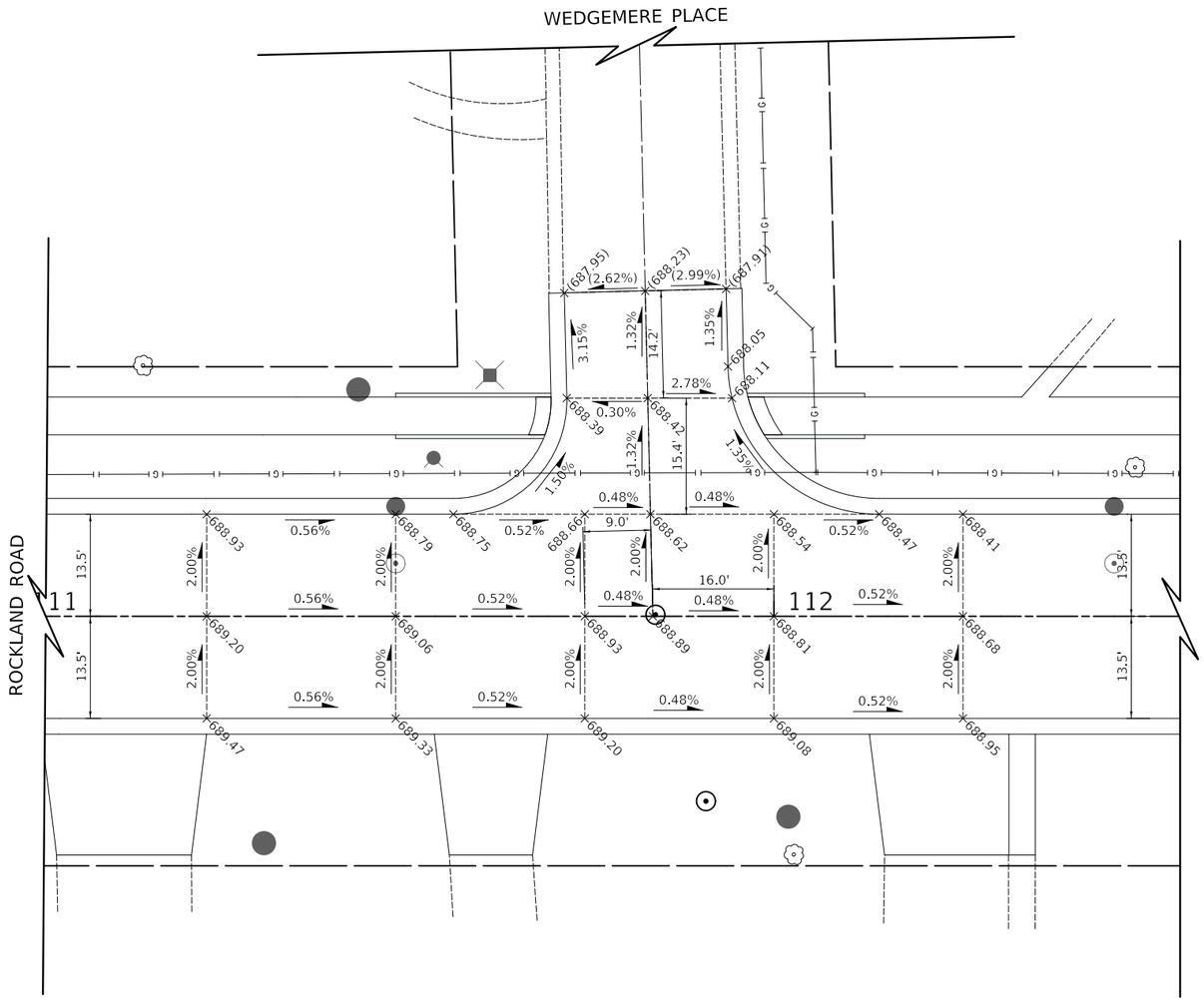
USER NAME = mc	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND WINDSOR TERRACE
INTERSECTION GRADING PLAN

SCALE: 1" = 10' | SHEET 3 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	69
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%)	EXISTING SLOPE
X.XX%	PROPOSED SLOPE
——→	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

PLOT DRIVER = ...\dms84986\cei.pdf.plt
PEN TABLE = ...\pentbl\cei.idot.general.tbl
FILE NAME = ...\3297-sht-inter-section-04.dgn

CIVILTECH

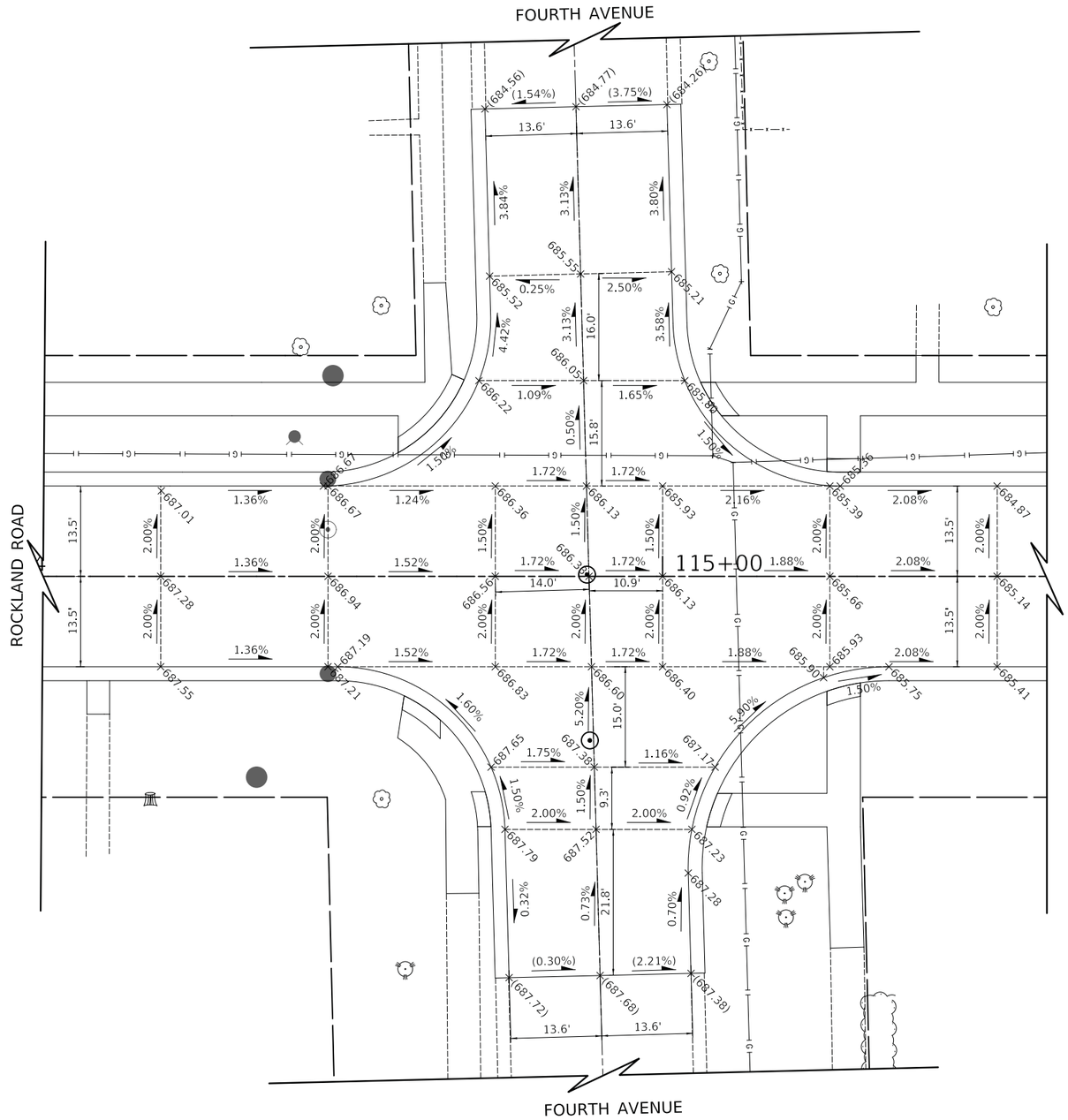
USER NAME = mc	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND WEDGEMERE PLACE
INTERSECTION GRADING PLAN

SCALE: 1" = 10' | SHEET 4 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	70
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%)	EXISTING SLOPE
X.XX%	PROPOSED SLOPE
——→	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

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CIVILTECH

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	DRAWN -	REVISED -
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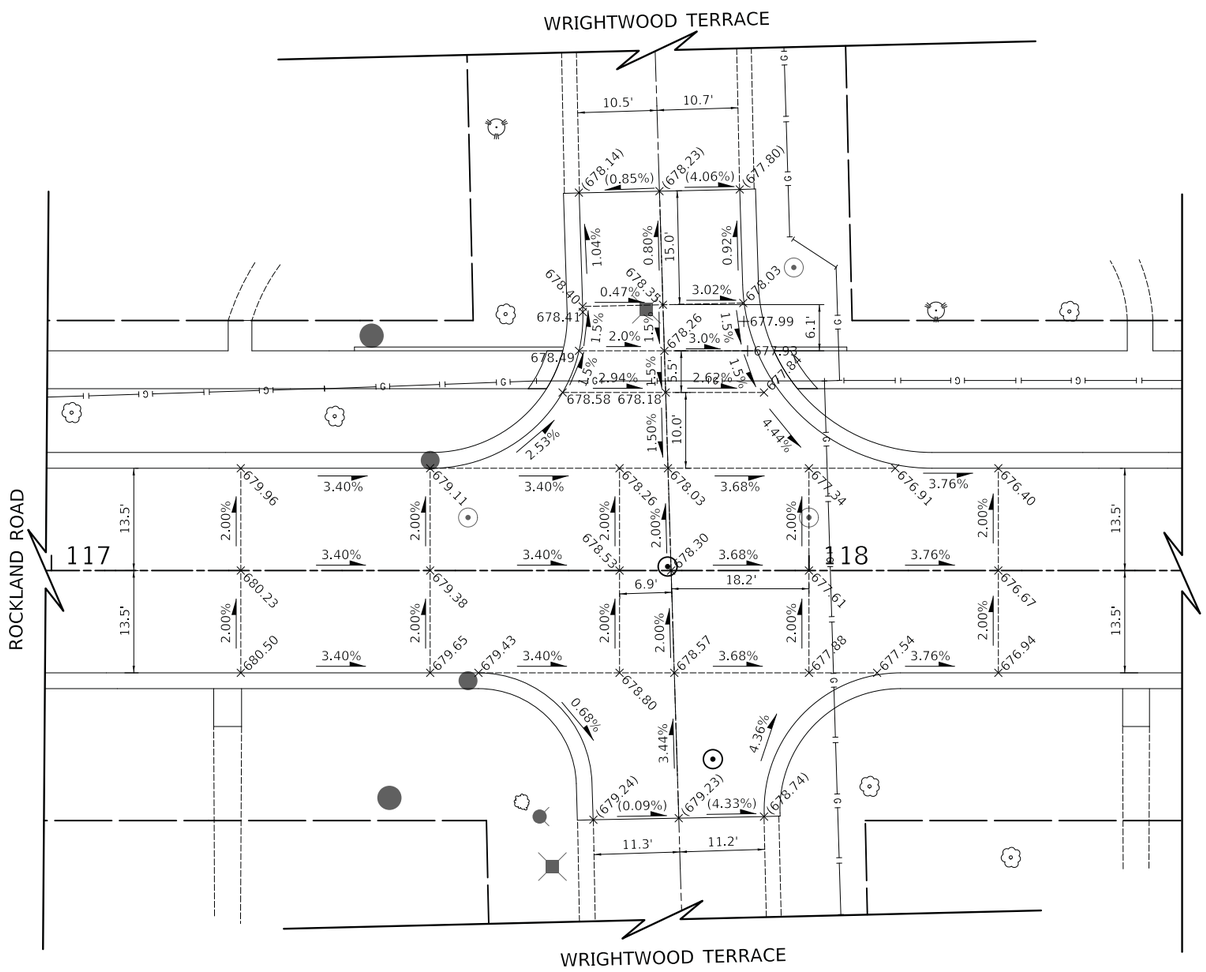
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND FOURTH AVENUE
INTERSECTION GRADING PLAN

SCALE: 1" = 10' | SHEET 5 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	71
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%)	EXISTING SLOPE
X.XX%	PROPOSED SLOPE
——→	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

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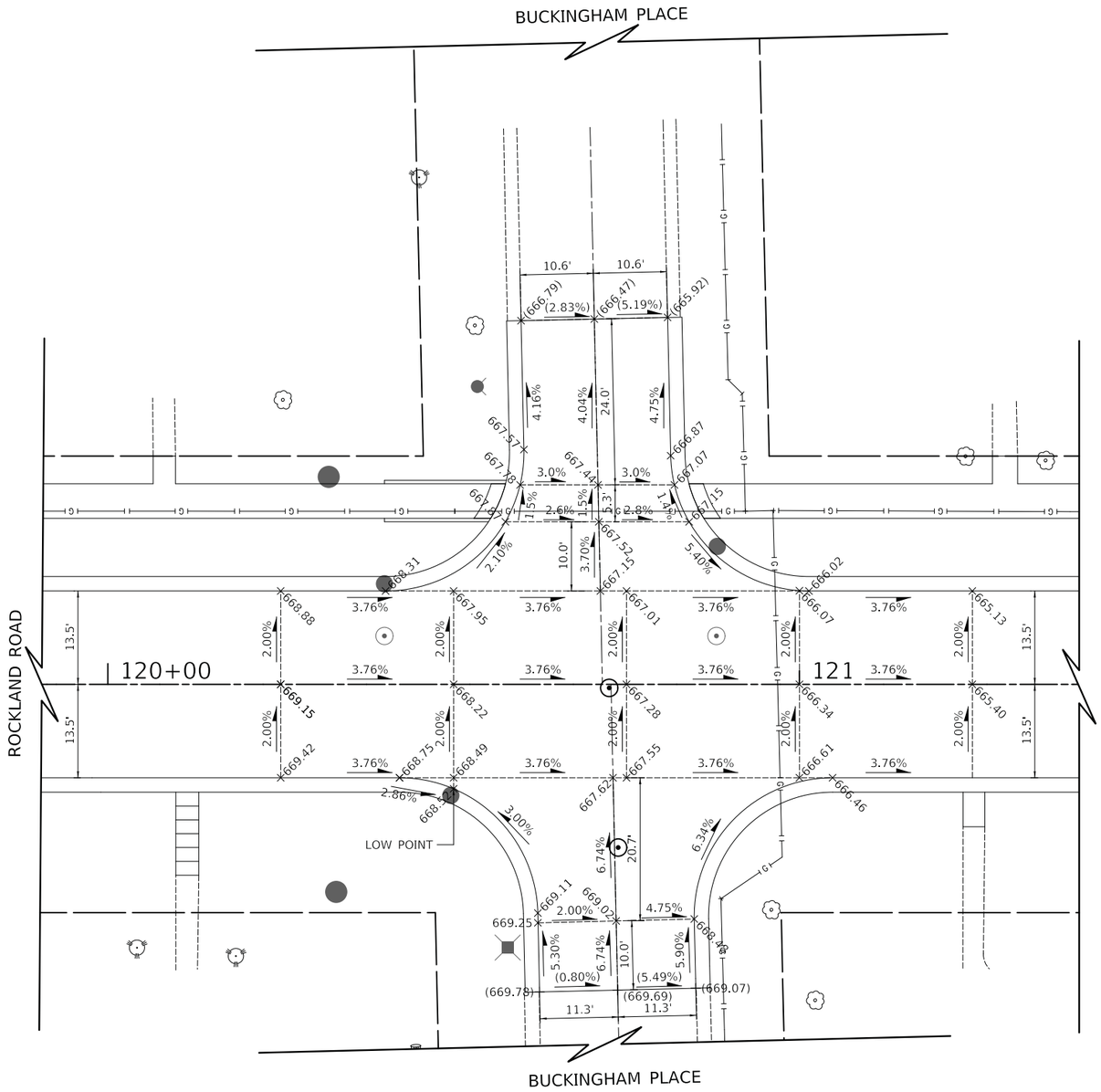
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND WRIGHTWOOD TERRACE
INTERSECTION GRADING PLAN

SCALE: 1" = 10' | SHEET 6 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	72
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%)	EXISTING SLOPE
X.XX%	PROPOSED SLOPE
——→	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

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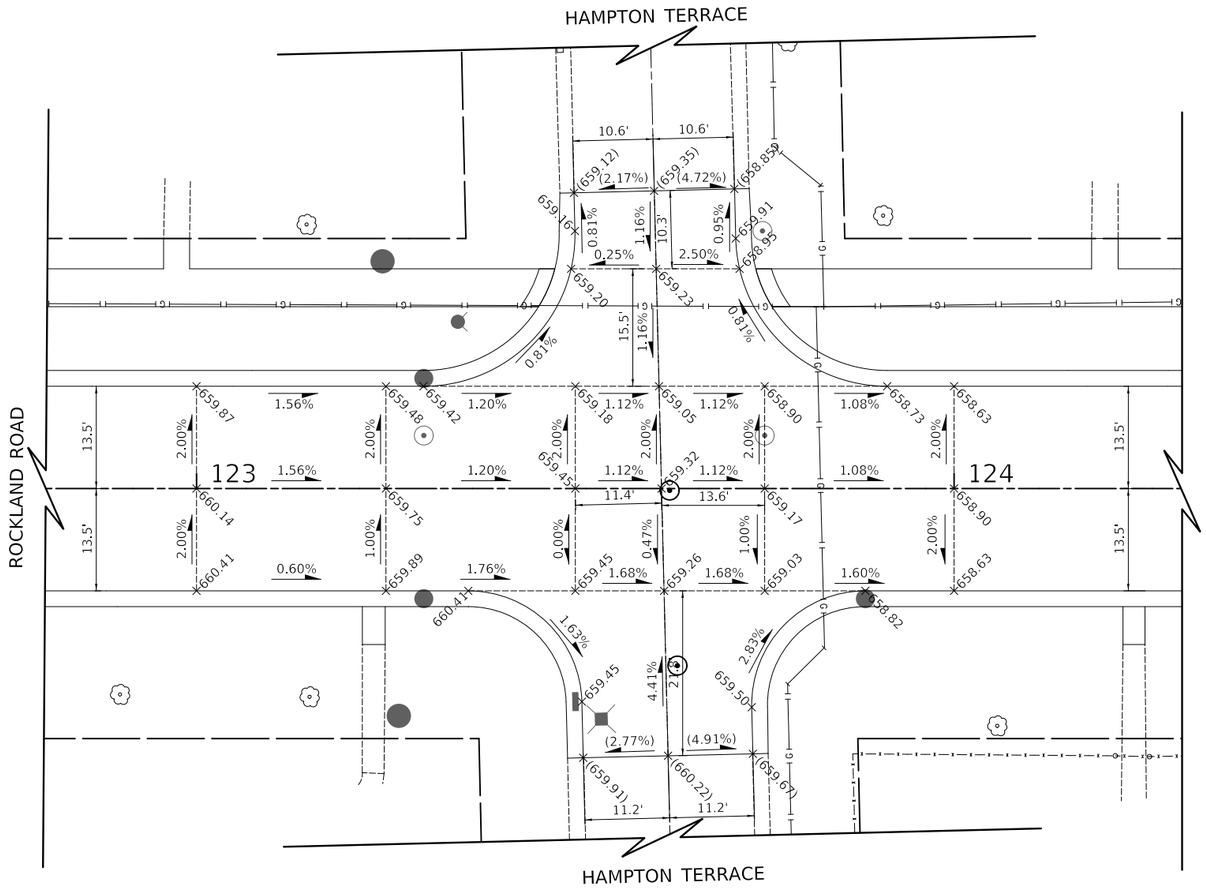
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND BUCKINGHAM PLACE
INTERSECTION GRADING PLAN

SCALE: 1" = 10' | SHEET 7 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	73
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%)	EXISTING SLOPE
X.XX%	PROPOSED SLOPE
——→	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

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CIVILTECH

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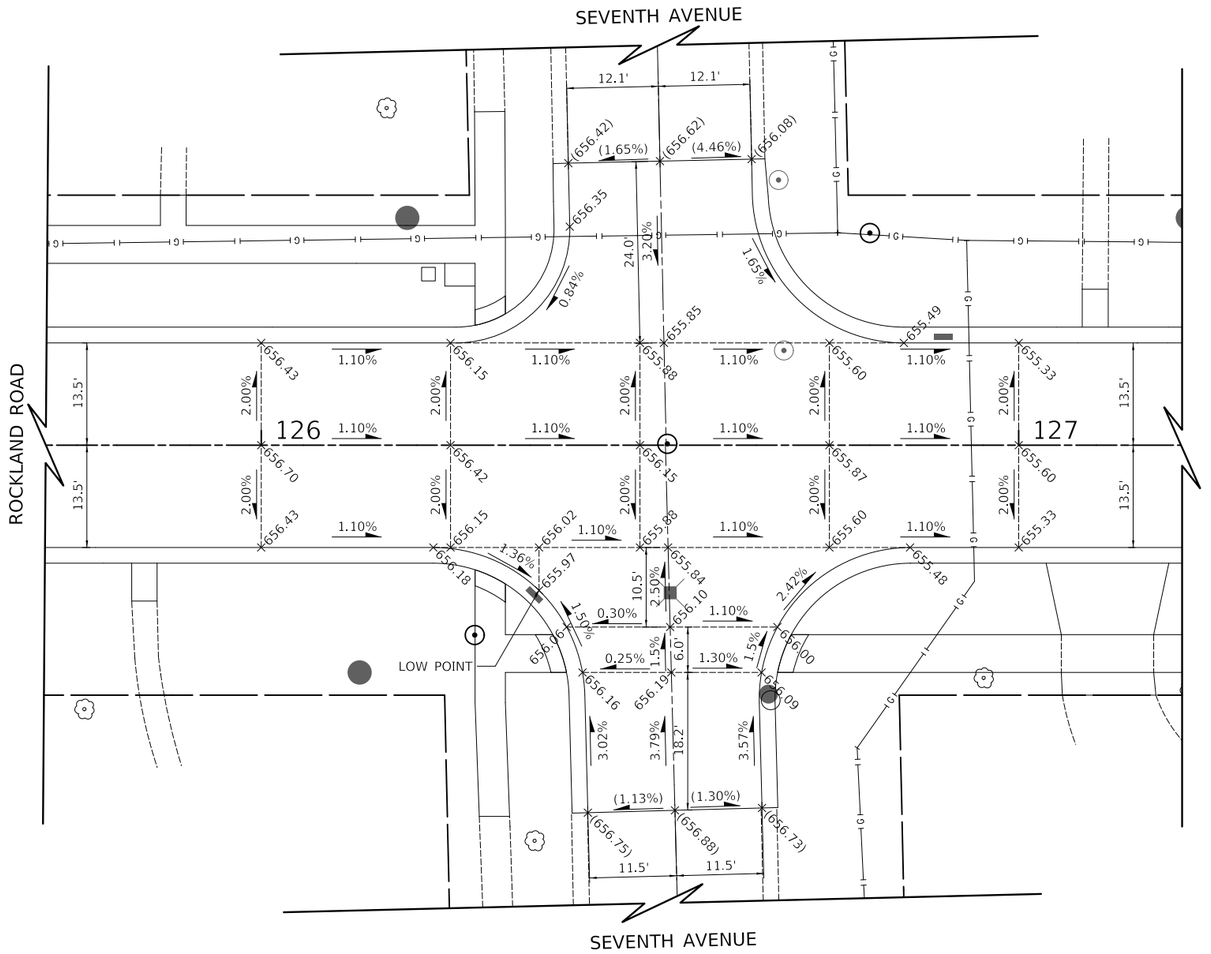
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND HAMPTON TERRACE
INTERSECTION GRADING PLAN

SCALE: 1" = 10' | SHEET 8 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	74
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%) ⟶	EXISTING SLOPE
X.XX% ⟶	PROPOSED SLOPE
⟶	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

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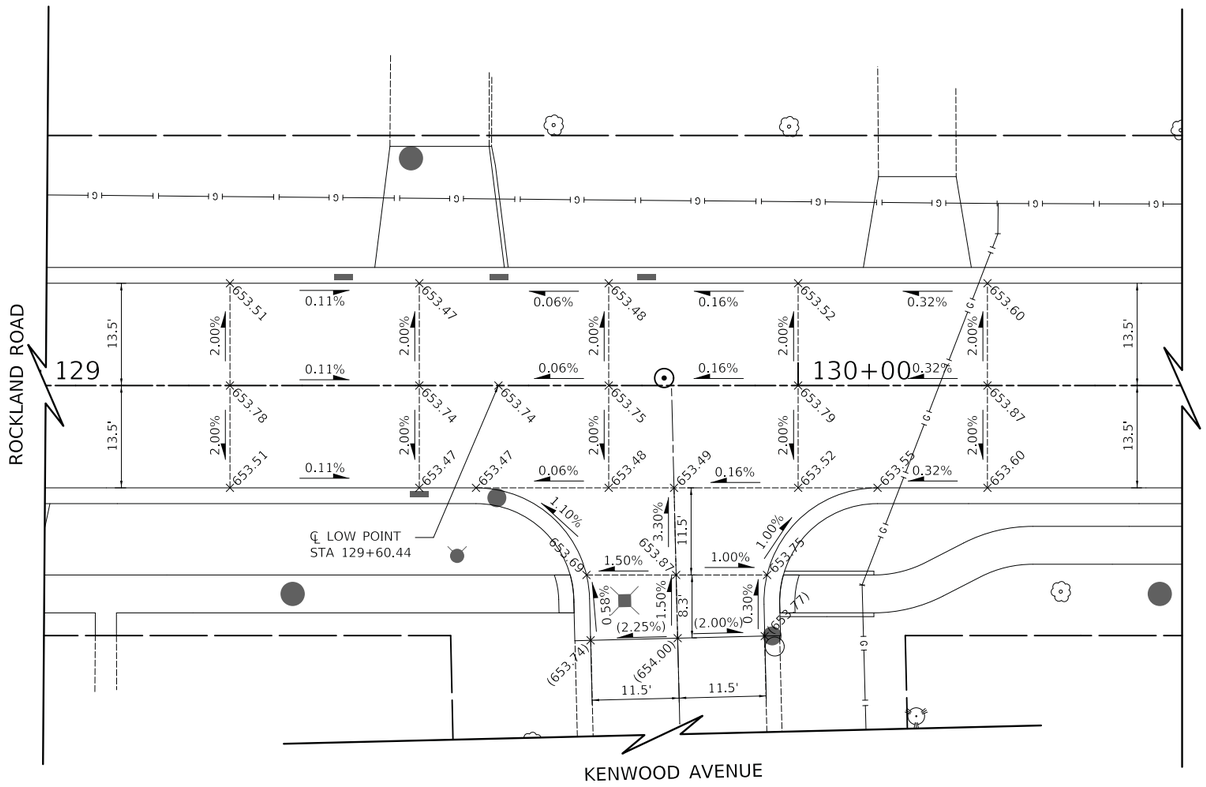
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND SEVENTH AVENUE
INTERSECTION GRADING PLAN

SCALE: 1" = 10' | SHEET 9 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	75
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



LEGEND

--------	GRADING LINE
× (XXX.XX)	EXISTING SPOT ELEVATION
× XXX.XX	PROPOSED SPOT ELEVATION
(X.XX%)	EXISTING SLOPE
X.XX%	PROPOSED SLOPE
——→	DIRECTION OF FLOW

NOTES

1. ELEVATIONS ARE SHOWN AT 25' STATION INTERVALS UNLESS OTHERWISE NOTED.

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	DRAWN -	REVISED -
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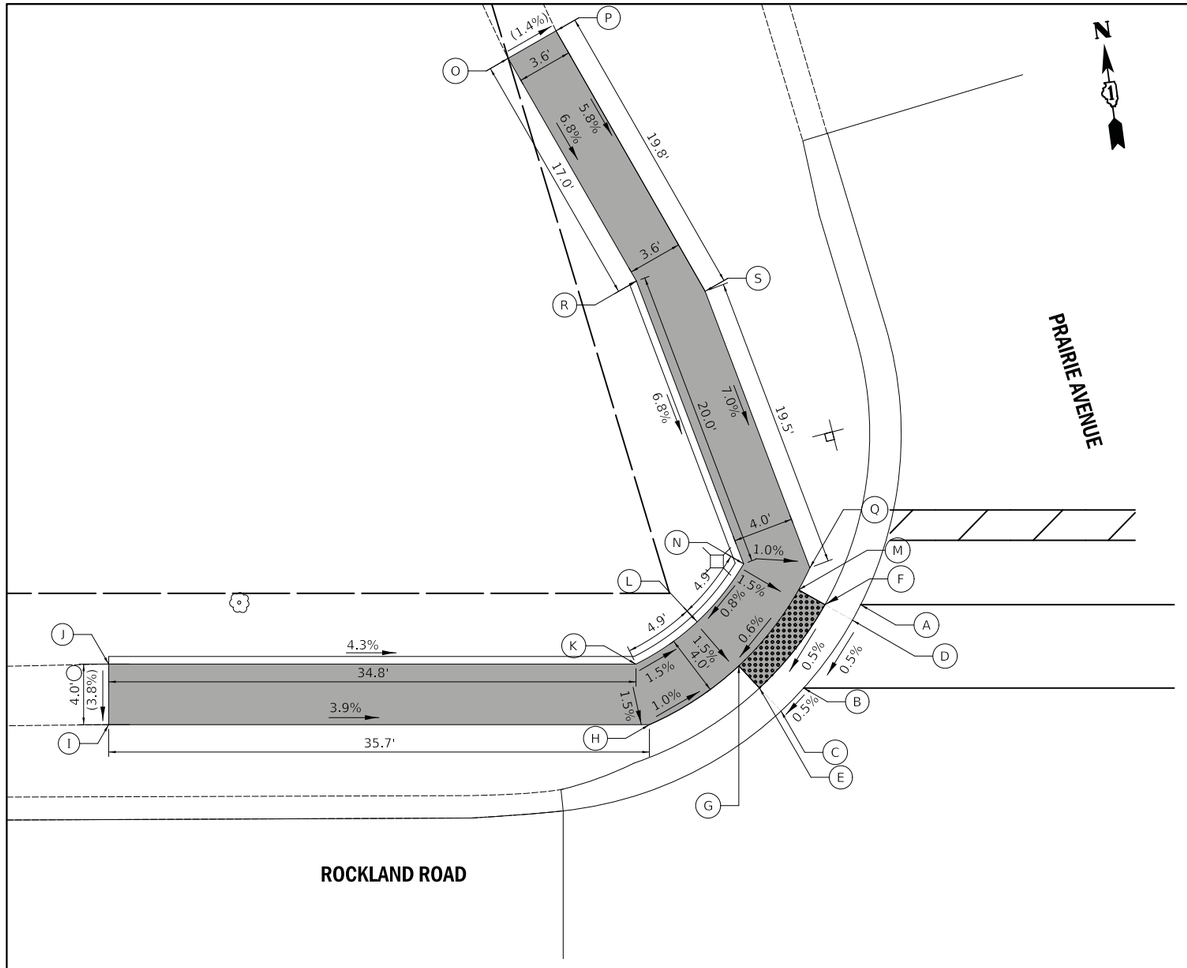
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND KENWOOD AVENUE
INTERSECTION GRADING PLAN

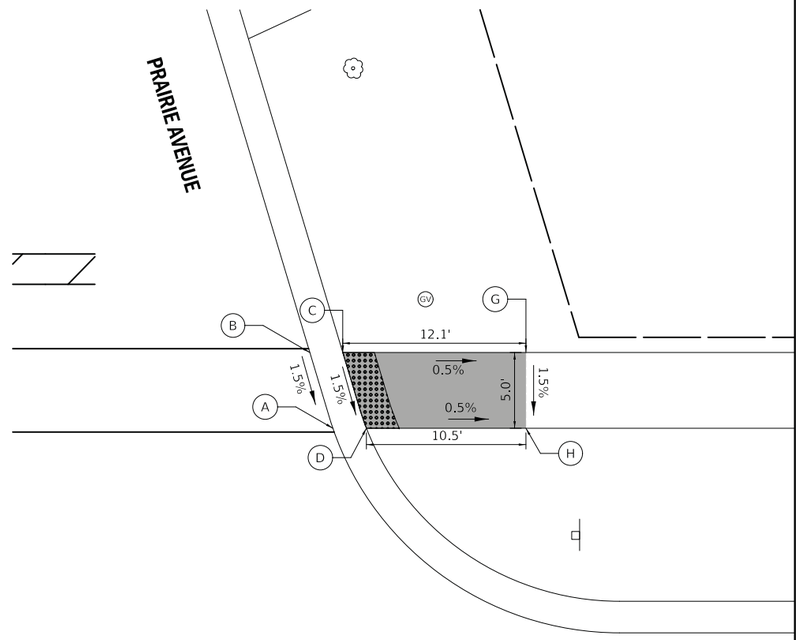
SCALE: 1" = 10' | SHEET 10 OF 10 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	76
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD AND PRAIRIE AVENUE WEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	103+44.6	32.2' L	691.68
B	103+40.9	26.7' L	691.64
C	103+39.4	25.2' L	691.63
D	103+44.1	31.2' L	691.67
E	103+38.0	26.7' L	691.60
F	103+42.3	32.2' L	691.64
G	103+36.6	28.2' L	691.63
H	103+30.7	24.3' L	691.70
I	102+95.0	24.3' L	(693.11)
J	102+95.0	28.3' L	(693.26)
K	103+29.8	28.3' L	691.76
L	103+33.8	31.1' L	691.69
M	103+40.5	33.2' L	691.67
N	103+36.9	34.9' L	691.73
O	103+21.4	68.3' L	(694.25)
P	103+30.1	60.7' L	(694.20)
Q	103+24.5	70.1' L	691.69
R	103+29.8	53.6' L	693.09
S	103+34.4	52.9' L	693.05



ROCKLAND ROAD AND PRAIRIE AVENUE EAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	103+78.5	27.0' L	690.98
B	103+76.9	32.0' L	691.06
C	103+79.1	32.0' L	691.03
D	103+80.7	27.0' L	690.95
G	103+91.2	32.0' L	690.97
H	103+91.2	27.0' L	690.90

Notes:

1.) *THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.*

2.) *FIGURE 1 FOLLOWS IDOT STANDARD 424006-04 DIAGONAL CURB RAMPS FOR SIDEWALKS. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.*

3.) *STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE*

4.) *LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.*

5.) *PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).*

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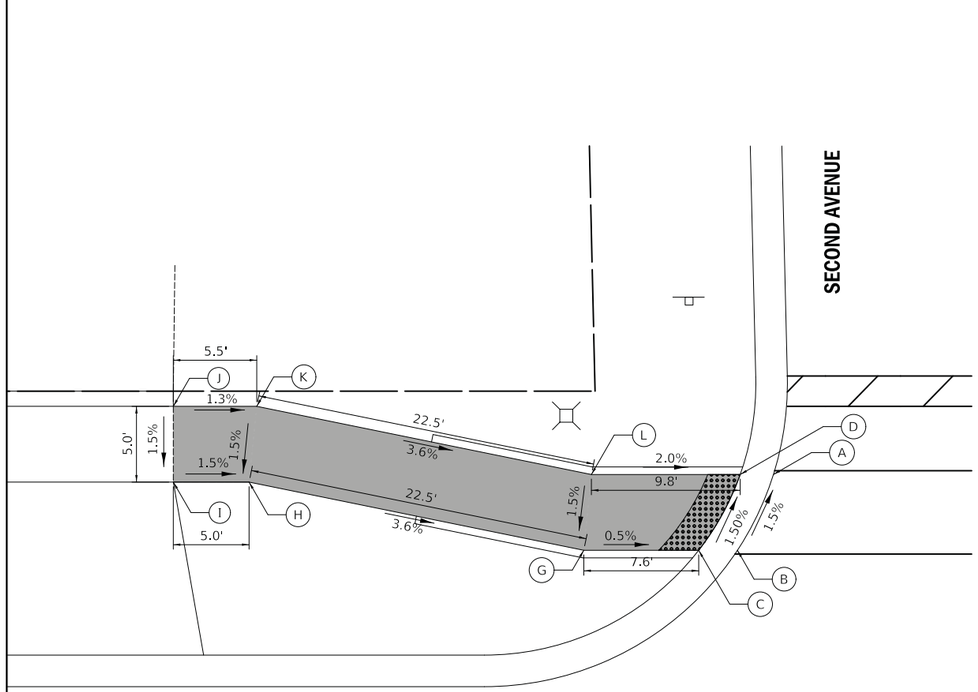
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND PRAIRIE AVENUE
SIDEWALK GRADING PLAN

SCALE: 1" = 5' | SHEET 1 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	77
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



ROCKLAND ROAD

ROCKLAND ROAD AND SECOND AVENUE WEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	105+59.7	27.5' L	686.92
B	105+57.3	22.5' L	687.00
C	105+54.8	22.5' L	686.97
D	105+57.5	27.5' L	686.89
G	105+47.2	22.5' L	687.01
H	105+25.1	27.0' L	687.83
I	105+20.1	27.0' L	687.91
J	105+20.1	32.0' L	687.98
K	105+25.6	32.0' L	687.91
L	105+47.7	27.5' L	687.09

Notes:

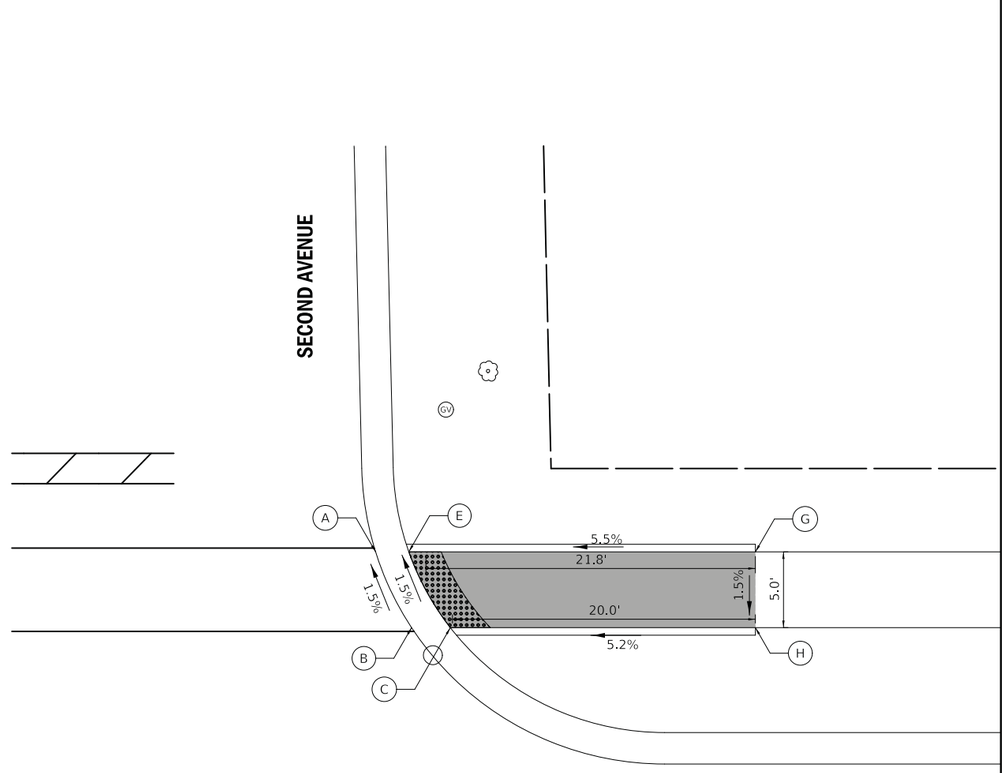
1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS..

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).



ROCKLAND ROAD

ROCKLAND ROAD AND SECOND AVENUE EAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	105+86.4	27.5' L	686.95
B	105+88.7	22.5' L	687.03
C	105+91.3	22.5' L	687.00
E	105+88.6	27.5' L	686.92
G	106+11.4	27.5' L	688.11
H	106+01.4	22.5' L	688.04

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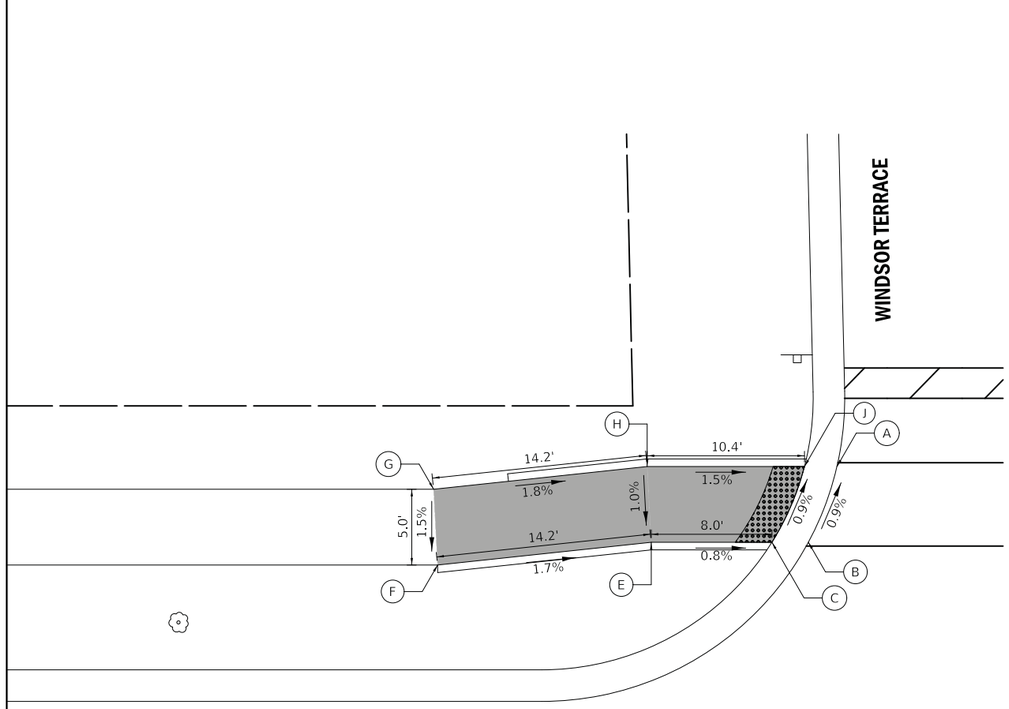
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND SECOND AVENUE
SIDEWALK GRADING PLAN

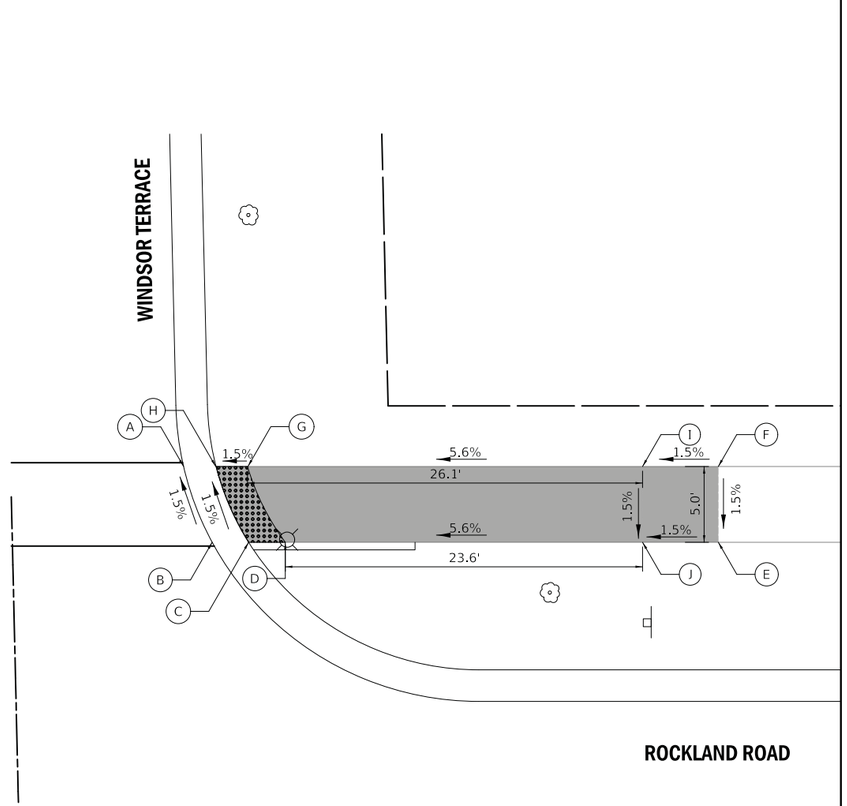
SCALE: 1" = 5' | SHEET 2 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	78
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD AND WINDSOR TERRACE WEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	108+66.7	29.0' L	689.99
B	108+64.8	24.0' L	690.04
C	108+62.4	24.0' L	690.01
E	108+54.4	24.0' L	690.07
F	108+40.3	22.5' L	690.31
G	108+40.1	27.5' L	690.38
H	108+54.2	29.0' L	690.12
J	108+65.2	29.0' L	689.96



ROCKLAND ROAD AND WINDSOR TERRACE EAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	108+89.7	29.0' L	690.22
B	108+91.6	24.0' L	690.30
C	108+94.0	24.0' L	690.27
D	108+96.4	24.0' L	690.30
E	109+06.0	24.0' L	691.69
F	109+06.0	29.0' L	691.76
G	108+94.0	29.0' L	690.22
H	108+91.9	29.0' L	690.19
I	108+89.8	29.0' L	691.69
J	108+87.7	29.0' L	691.62

Notes:

1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

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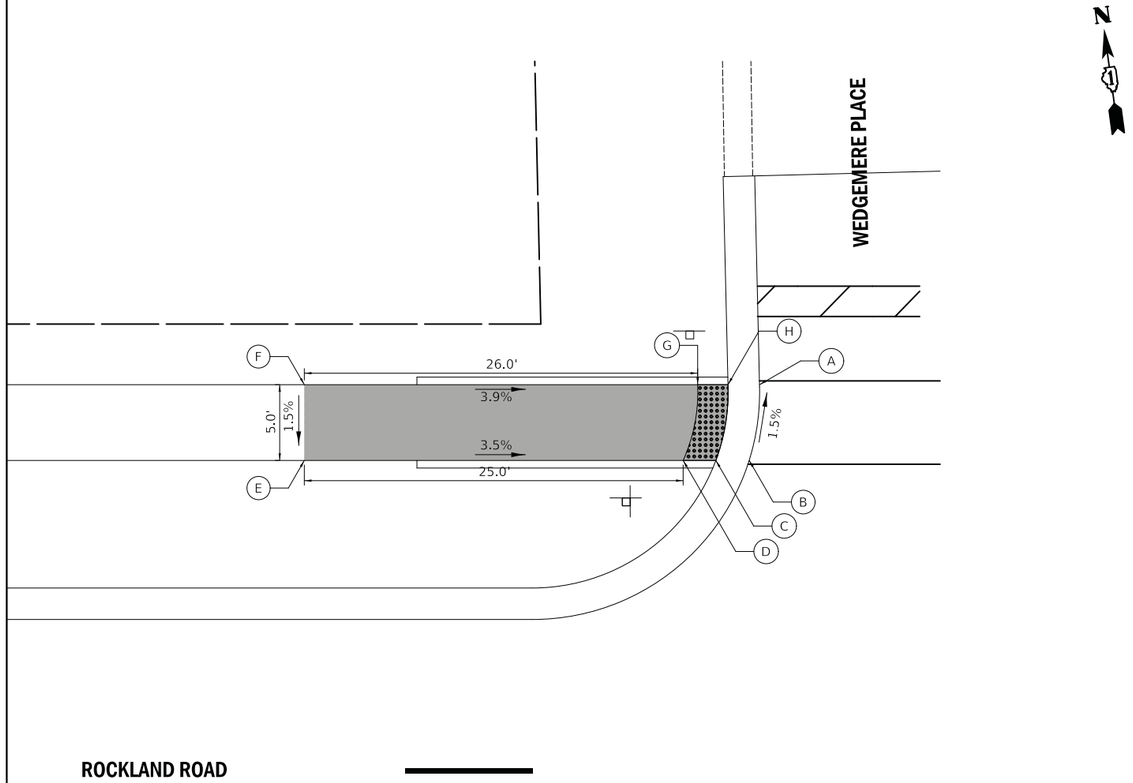
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND WINDSOR TERRACE
SIDEWALK GRADING PLAN

SCALE: 1" = 5' | SHEET 3 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	79
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD

ROCKLAND ROAD AND WINDSOR TERRACE WEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	111+72.6	29.0' L	688.39
B	111+71.9	24.0' L	688.47
C	111+69.7	24.0' L	688.44
D	111+67.6	24.0' L	688.47
E	111+42.6	24.0' L	689.34
F	111+42.6	29.0' L	689.41
G	111+68.5	29.0' L	688.39
H	111+70.5	29.0' L	688.36

Notes:

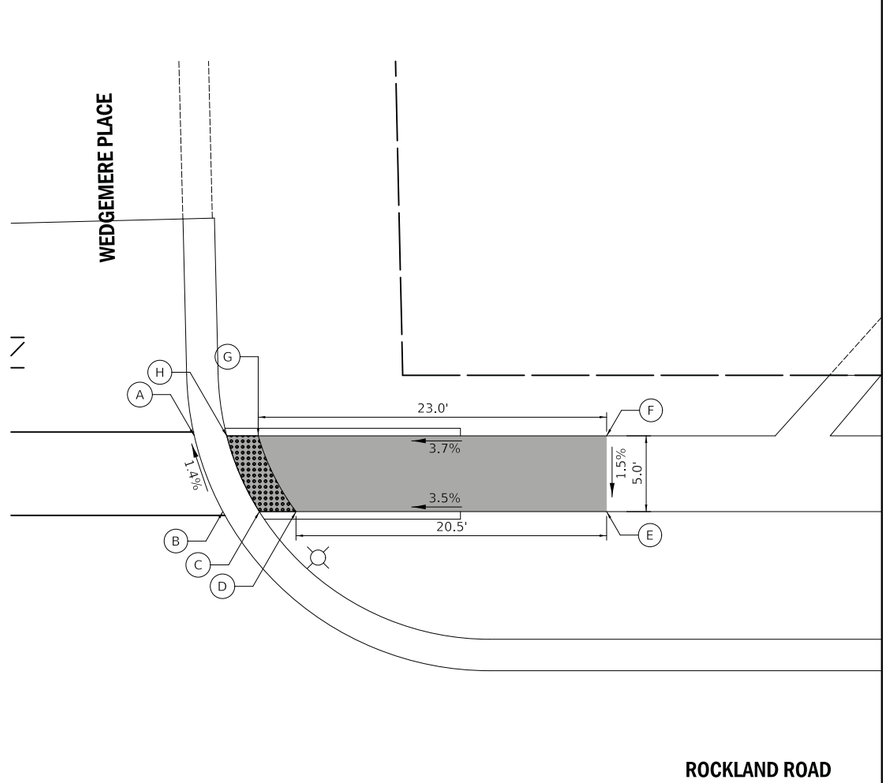
1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS..

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).



ROCKLAND ROAD

ROCKLAND ROAD AND WINDSOR TERRACE EAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	111+94.4	29.0' L	688.11
B	111+96.3	24.0' L	688.18
C	111+98.7	24.0' L	688.15
D	112+01.1	24.0' L	688.18
E	112+21.7	24.0' L	688.90
F	112+21.7	29.0' L	688.97
G	111+98.7	29.0' L	688.11
H	111+96.6	29.0' L	688.08

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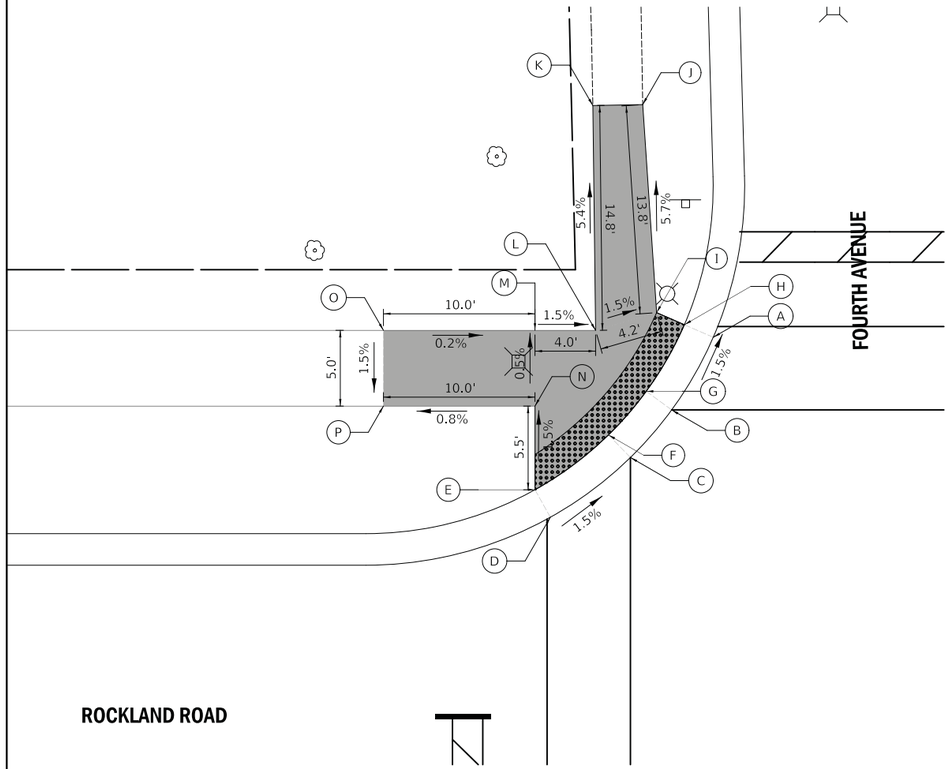
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND WEDGEMERE PLACE
SIDEWALK GRADING PLAN

SCALE: 1" = 5' | SHEET 4 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	80
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD AND FOURTH AVENUE NORTHWEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	114+72.3	28.5' L	687.23
B	114+89.5	23.8' L	687.32
C	114+66.8	20.6' L	687.38
D	114+61.5	16.7' L	687.48
E	114+60.5	18.5' L	687.45
F	114+65.3	22.1' L	687.32
G	114+67.8	25.0' L	687.29
H	114+70.3	29.4' L	687.20
I	114+68.5	30.2' L	687.23
J	114+67.6	43.9' L	(686.44)
K	114+64.3	43.8' L	(686.49)
L	114+64.5	29.0' L	687.29
M	114+60.5	29.0' L	687.35
N	114+60.5	24.0' L	687.38
O	114+50.5	29.0' L	687.37
P	114+50.5	24.0' L	687.30

Notes:

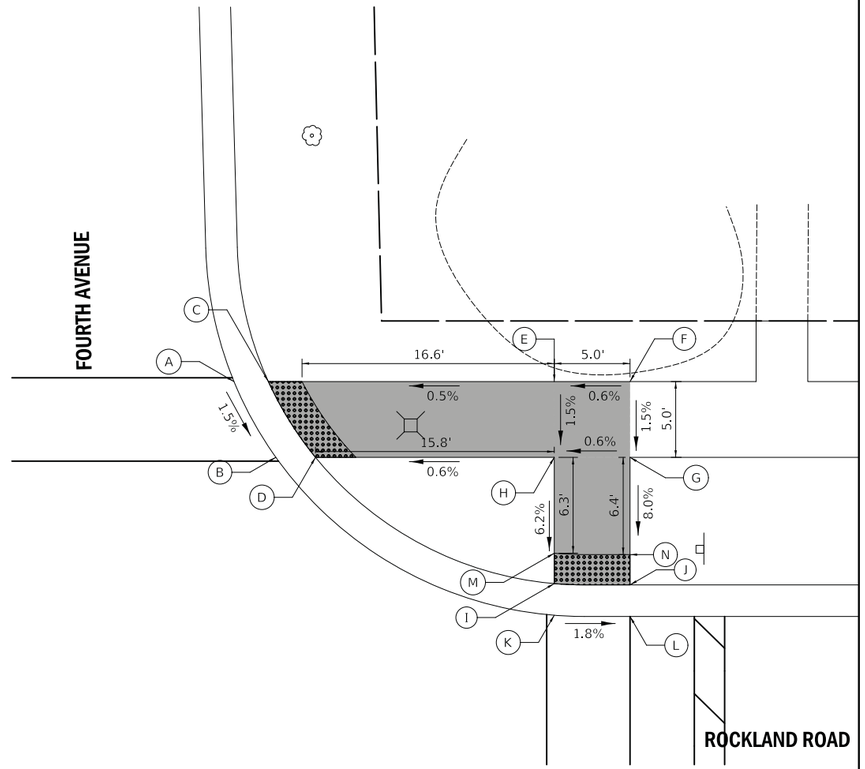
1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424021-05 DEPRESSED CORNER FOR SIDEWALKS. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS..

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).



ROCKLAND ROAD AND FOURTH AVENUE NORTHEAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	115+03.4	29.0' L	685.80
B	115+06.2	24.0' L	685.72
C	115+05.7	29.0' L	685.77
D	115+08.8	24.0' L	685.69
E	115+24.6	29.0' L	685.85
F	115+29.6	29.0' L	685.88
G	115+29.6	24.0' L	685.81
H	115+24.6	24.0' L	685.78
I	115+24.6	15.7' L	685.36
J	115+29.6	15.6' L	685.27
K	115+24.6	13.6' L	685.39
L	115+29.6	13.5' L	685.30
M	115+24.6	17.7' L	685.39
N	115+29.6	17.6' L	685.30

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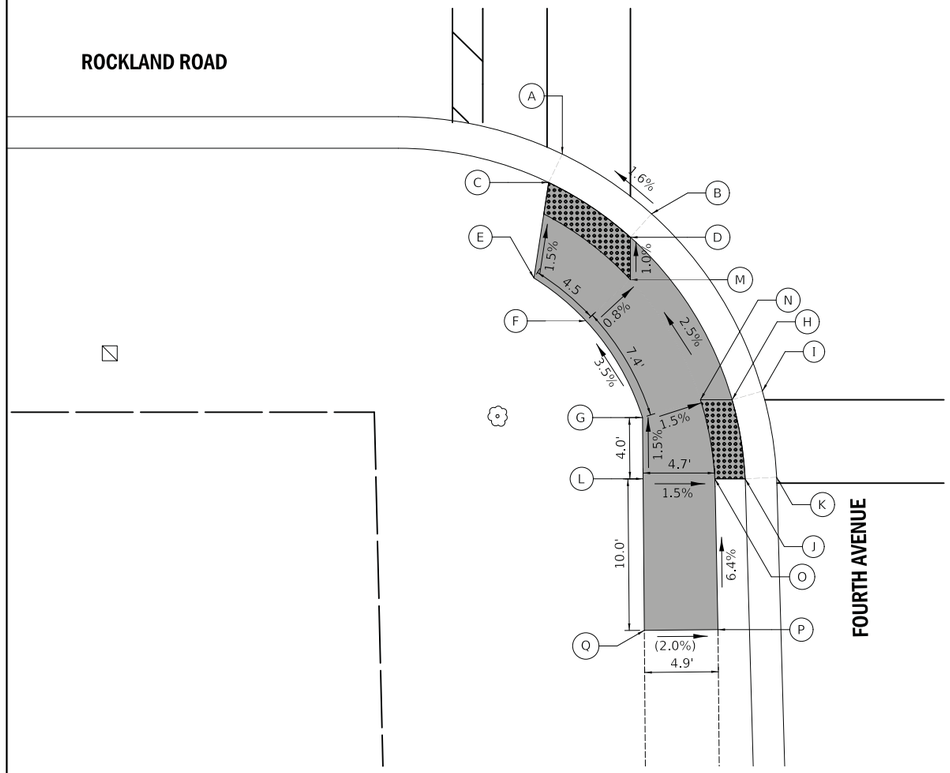
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND FOURTH AVENUE
SIDEWALK GRADING PLAN

SCALE: 1" = 5' | SHEET 5 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	81
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD AND FOURTH AVENUE SOUTHWEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	114+62.3	16.0' R	687.39
B	114+68.2	19.9' R	687.50
C	114+61.4	17.8' R	687.36
D	114+66.8	21.5' R	687.47
E	114+60.4	24.1' R	687.46
F	114+63.9	27.0' R	687.53
G	114+67.6	33.4' R	687.79
H	114+73.5	32.2' R	687.70
I	114+75.5	31.6' R	687.73
J	114+74.4	37.4' R	687.75
K	114+76.4	37.3' R	687.78
L	114+67.6	37.4' R	687.85
M	114+66.8	24.3' R	687.50
N	114+71.4	32.2' R	687.73
O	114+72.3	37.4' R	687.78
P	114+72.6	47.3' R	688.42
Q	114+67.7	47.4' R	688.52

Notes:

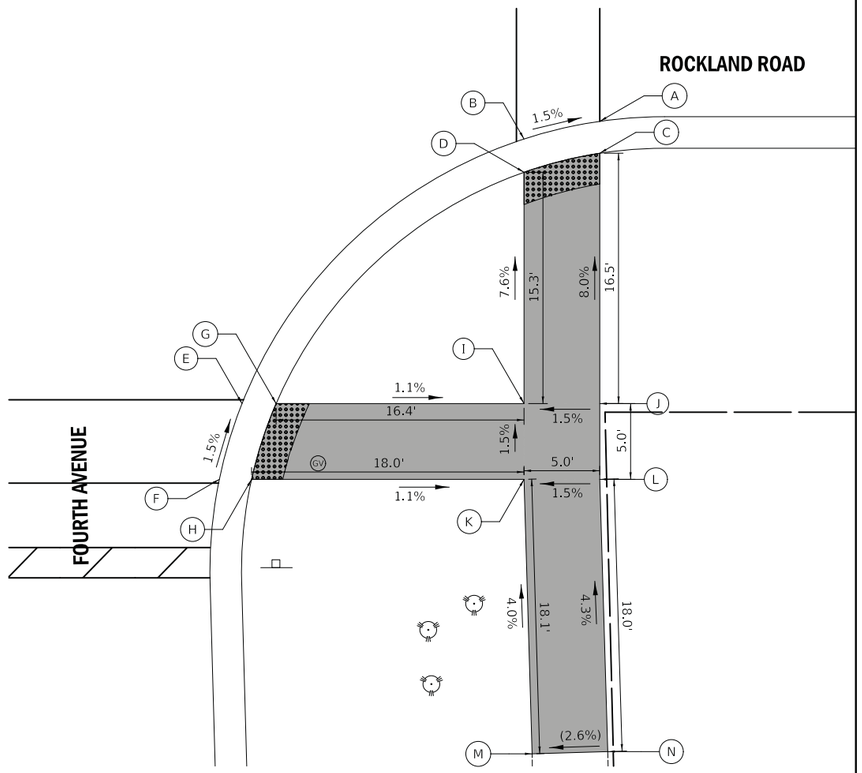
1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).



ROCKLAND ROAD AND FOURTH AVENUE SOUTHEAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	115+29.6	13.8' R	685.81
B	115+24.6	15.0' R	685.89
C	115+29.6	15.9' R	685.78
D	115+24.6	17.2' R	685.86
E	115+05.9	32.4' R	687.24
F	115+04.4	37.4' R	687.32
G	115+08.2	32.4' R	687.21
H	115+06.6	37.4' R	687.29
I	115+24.6	32.4' R	687.03
J	115+29.6	32.4' R	687.10
K	115+24.6	37.4' R	687.10
L	115+29.6	37.4' R	687.17
M	115+25.1	55.5' R	(687.82)
N	115+30.1	55.4' R	(687.95)

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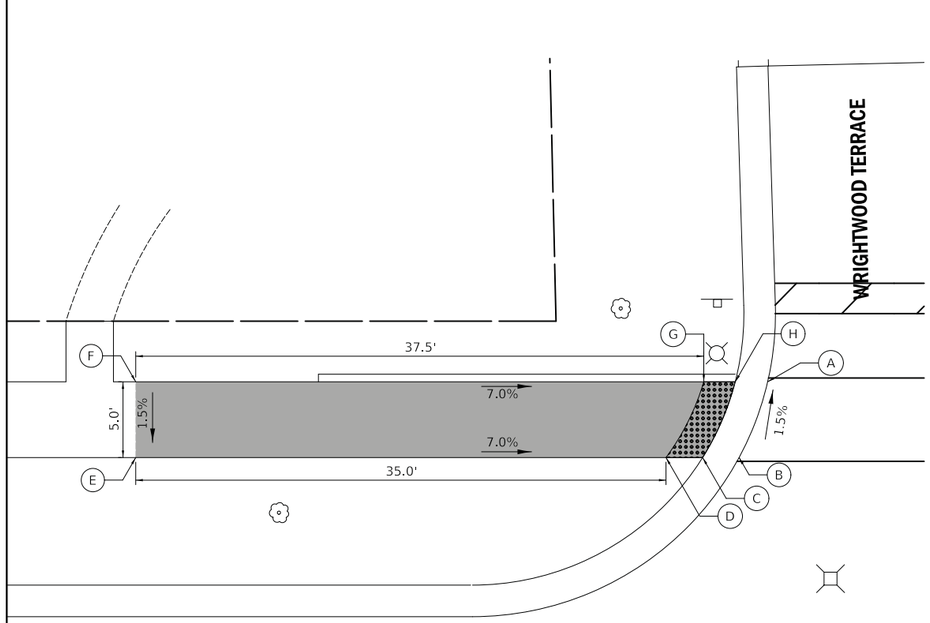
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND FOURTH AVENUE
SIDEWALK GRADING PLAN

SCALE: 1" = 5' | SHEET 6 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	82
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD

ROCKLAND ROAD AND WINDSOR TERRACE WEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	117+69.7	29.0' L	678.49
B	117+67.8	24.0' L	678.58
C	117+65.4	24.0' L	678.55
D	117+62.9	24.0' L	678.58
E	117+42.9	24.0' L	681.03
F	117+42.9	29.0' L	681.10
G	117+65.4	29.0' L	678.49
H	117+67.5	29.0' L	678.46

Notes:

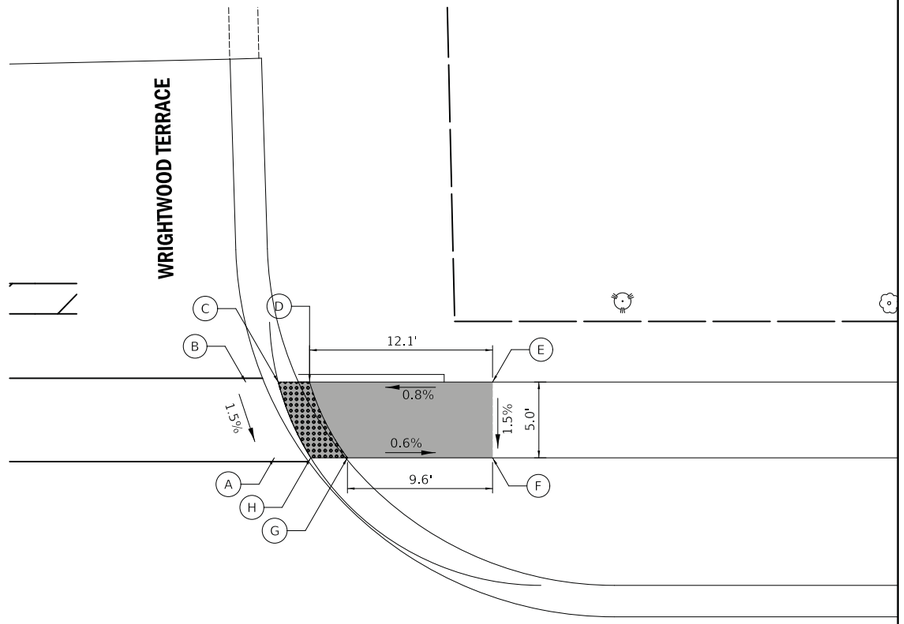
1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS..

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).



ROCKLAND ROAD

	STATION	OFFSET	ELEVATION
A	117+93.8	24.0' L	677.93
B	117+91.9	29.0' L	677.84
C	117+94.0	29.0' L	677.81
D	117+96.1	29.0' L	677.84
E	118+08.2	29.0' L	677.94
F	118+08.2	24.0' L	677.87
G	117+98.6	24.0' L	677.93
H	117+96.2	24.0' L	677.90

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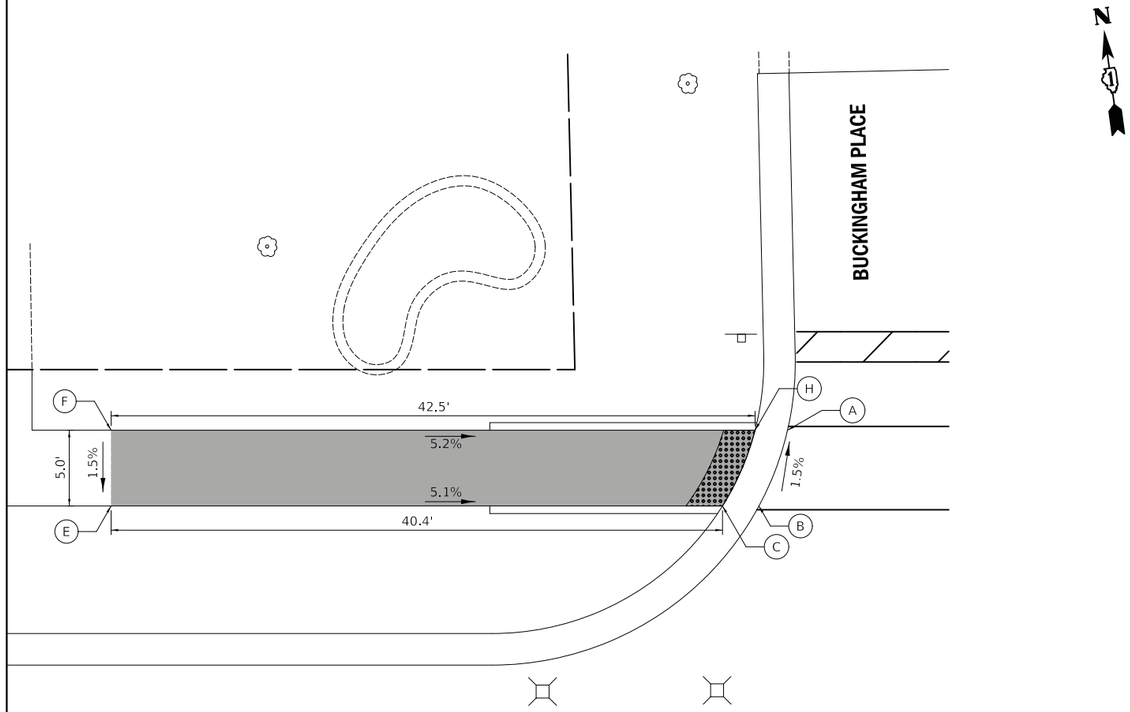
PLOT DATE = 2/13/2019	DATE - 02/13/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND WRIGHTWOOD TERRACE
SIDEWALK GRADING PLAN

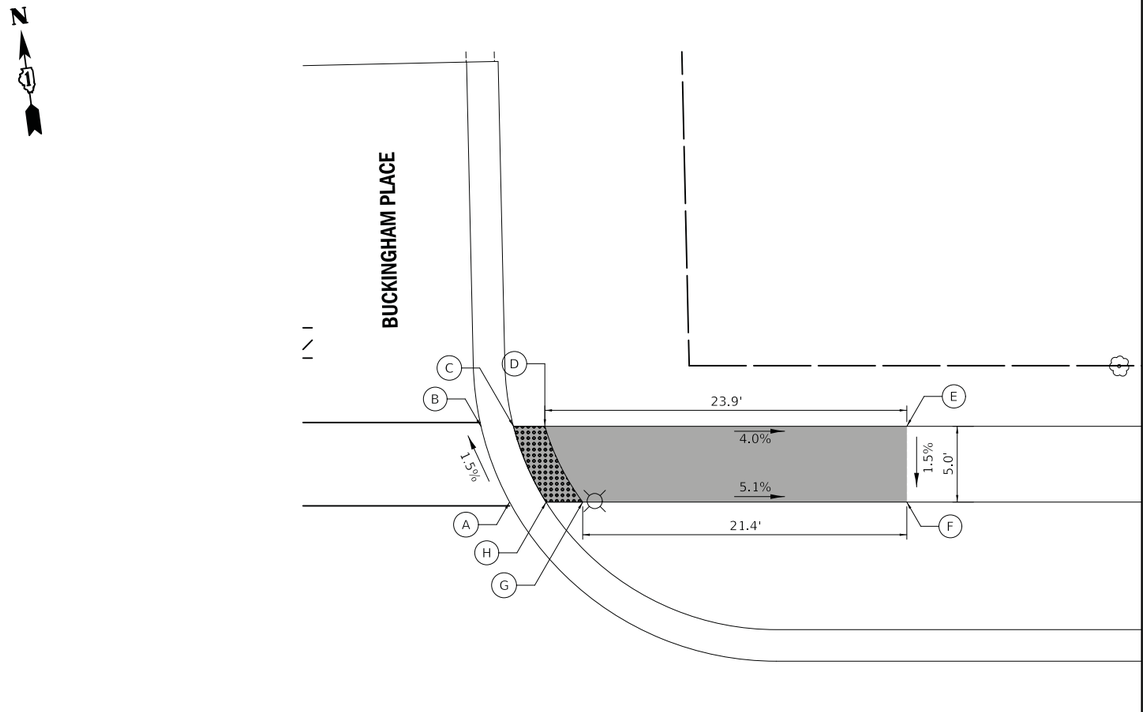
SCALE: 1" = 5' | SHEET 7 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	83
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



ROCKLAND ROAD AND BUCKINGHAM PLACE WEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	120+59.7	29.0' L	667.78
B	120+57.8	24.0' L	667.86
C	120+55.4	24.0' L	667.83
E	120+15.0	24.0' L	669.88
F	120+15.0	29.0' L	669.95
H	120+57.5	29.0' L	667.75



ROCKLAND ROAD AND BUCKINGHAM PLACE EAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	120+83.8	24.0' L	667.15
B	120+81.9	29.0' L	667.07
C	120+84.0	29.0' L	667.04
D	120+86.1	29.0' L	667.07
E	121+10.0	29.0' L	666.12
F	121+10.0	24.0' L	666.05
G	120+88.6	24.0' L	667.15
H	120+86.2	24.0' L	667.12

Notes:

1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS..

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

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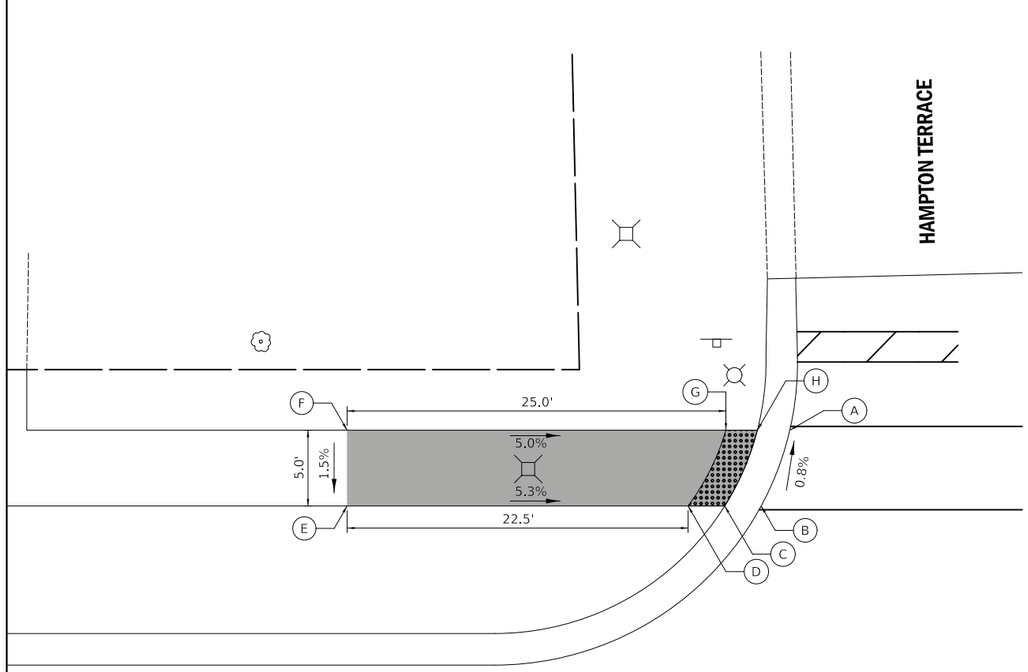
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND BUCKINGHAM PLACE
SIDEWALK GRADING PLAN

SCALE: 1" = 5' | SHEET 8 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	84
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD

ROCKLAND ROAD AND HAMPTON TERRACE WEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	123+49.4	29.0' L	659.20
B	123+47.6	24.0' L	659.24
C	123+45.1	24.0' L	659.21
D	123+42.7	24.0' L	659.24
E	123+20.2	24.0' L	660.44
F	123+20.2	29.0' L	660.51
G	123+45.2	29.0' L	659.20
H	123+47.3	29.0' L	659.17

Notes:

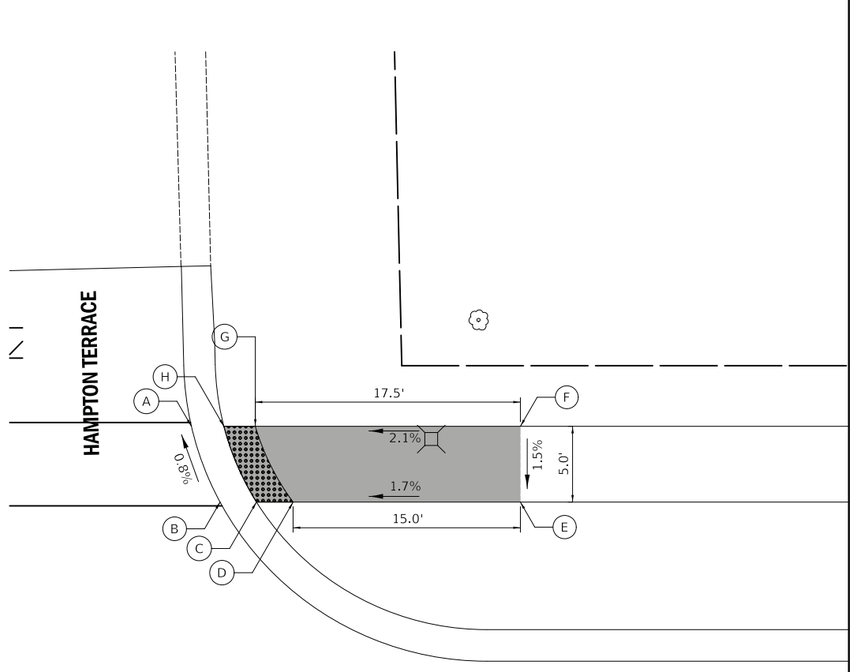
1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS..

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).



ROCKLAND ROAD

ROCKLAND ROAD AND HAMPTON TERRACE EAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	123+71.7	29.0' L	658.95
B	123+73.6	24.0' L	658.99
C	123+76.0	24.0' L	658.96
D	123+78.4	24.0' L	658.99
E	123+93.4	24.0' L	659.24
F	123+93.4	29.0' L	659.31
G	123+75.9	29.0' L	658.95
H	123+73.8	29.0' L	658.92

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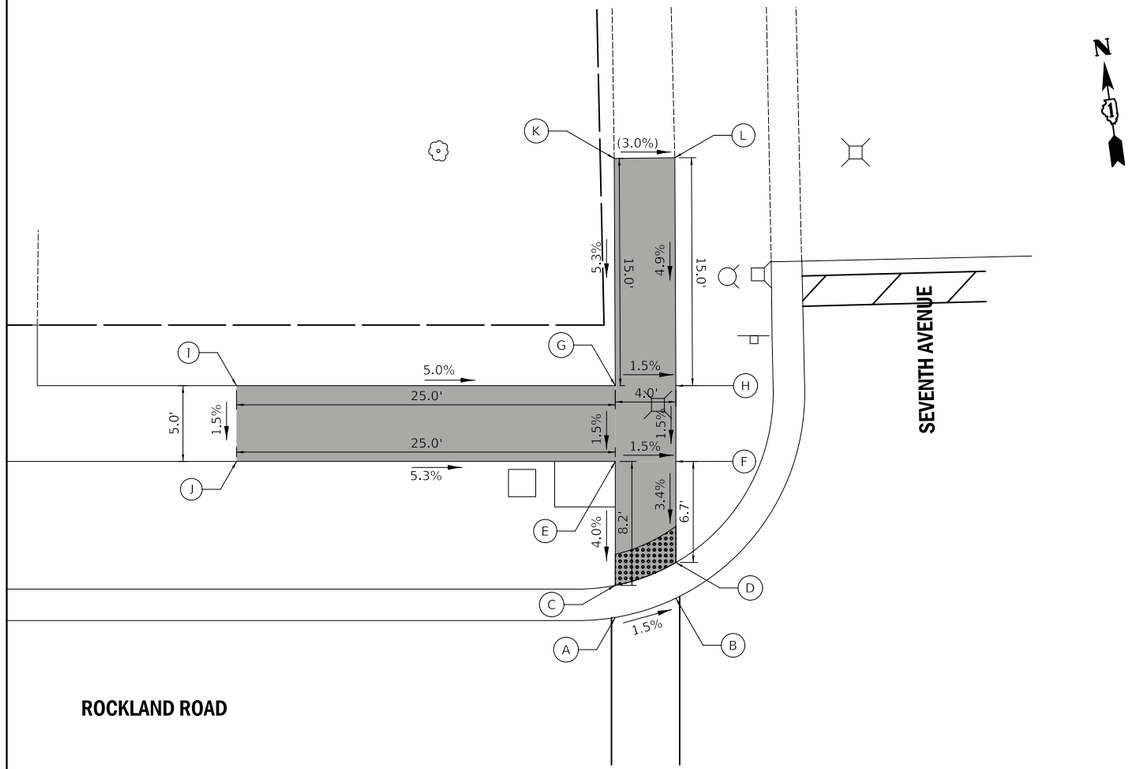
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND HAMPTON TERRACE
SIDEWALK GRADING PLAN

SCALE: 1" = 5' | SHEET 9 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	85
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD AND SEVENTH AVENUE NORTHWEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	126+28.2	13.7' L	656.17
B	126+32.2	15.0' L	656.21
C	126+28.2	15.8' L	656.14
D	126+32.2	17.3' L	656.18
E	126+28.2	24.0' L	656.47
F	126+32.2	24.0' L	656.41
G	126+28.2	29.0' L	656.55
H	126+32.2	29.0' L	656.49
I	126+03.2	29.0' L	657.80
J	126+03.2	24.0' L	657.73
K	126+28.2	44.0' L	(657.35)
L	126+32.2	44.0' L	(657.23)

Notes:

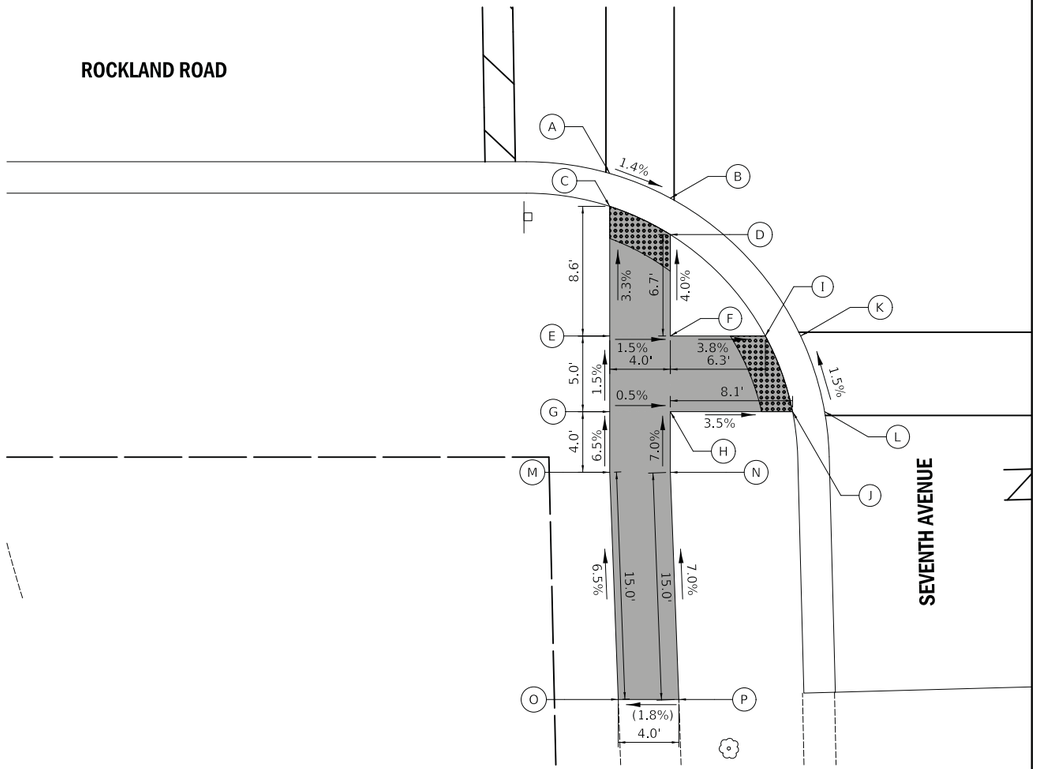
1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).



ROCKLAND ROAD AND SEVENTH AVENUE SOUTHWEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	126+28.2	14.3' R	656.10
B	126+32.2	15.9' R	656.05
C	126+28.2	16.4' R	656.07
D	126+32.2	18.3' R	656.02
E	126+28.2	25.0' R	656.35
F	126+32.2	25.0' R	656.29
G	126+28.2	30.0' R	656.43
H	126+32.2	30.0' R	656.41
I	126+38.5	25.0' R	656.05
J	126+40.3	30.0' R	656.13
K	126+40.8	25.0' R	656.08
L	126+42.4	30.0' R	656.16
M	126+28.2	34.0' R	656.69
N	126+32.2	34.0' R	656.69
O	126+28.8	49.0' R	(657.67)
P	126+32.8	49.0' R	(657.74)

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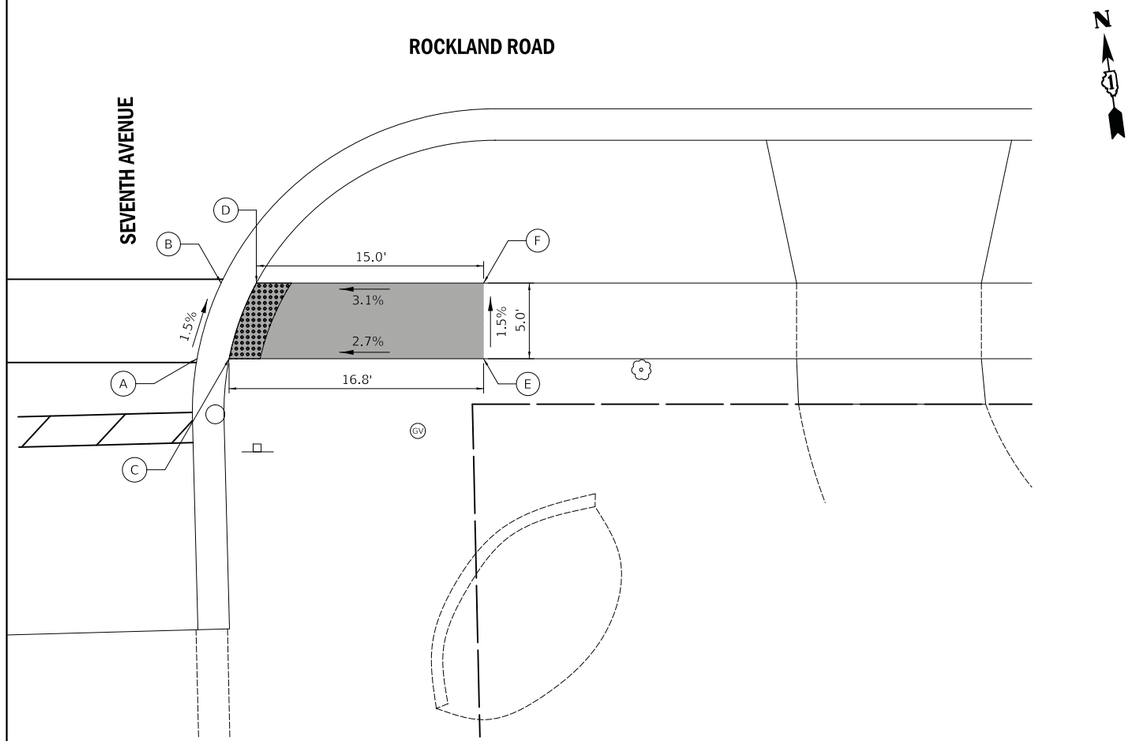
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND SEVENTH AVENUE
SIDEWALK GRADING PLAN

SCALE: 1" = 5' | SHEET 10 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	86
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD AND SEVENTH AVENUE SOUTHEAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	126+66.1	30.0' R	656.09
B	126+67.6	25.0' R	656.01
C	126+68.2	30.0' R	656.06
D	126+70.0	25.0' R	655.98
E	126+85.0	30.0' R	656.52
F	126+85.0	25.0' R	656.45

Notes:

1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

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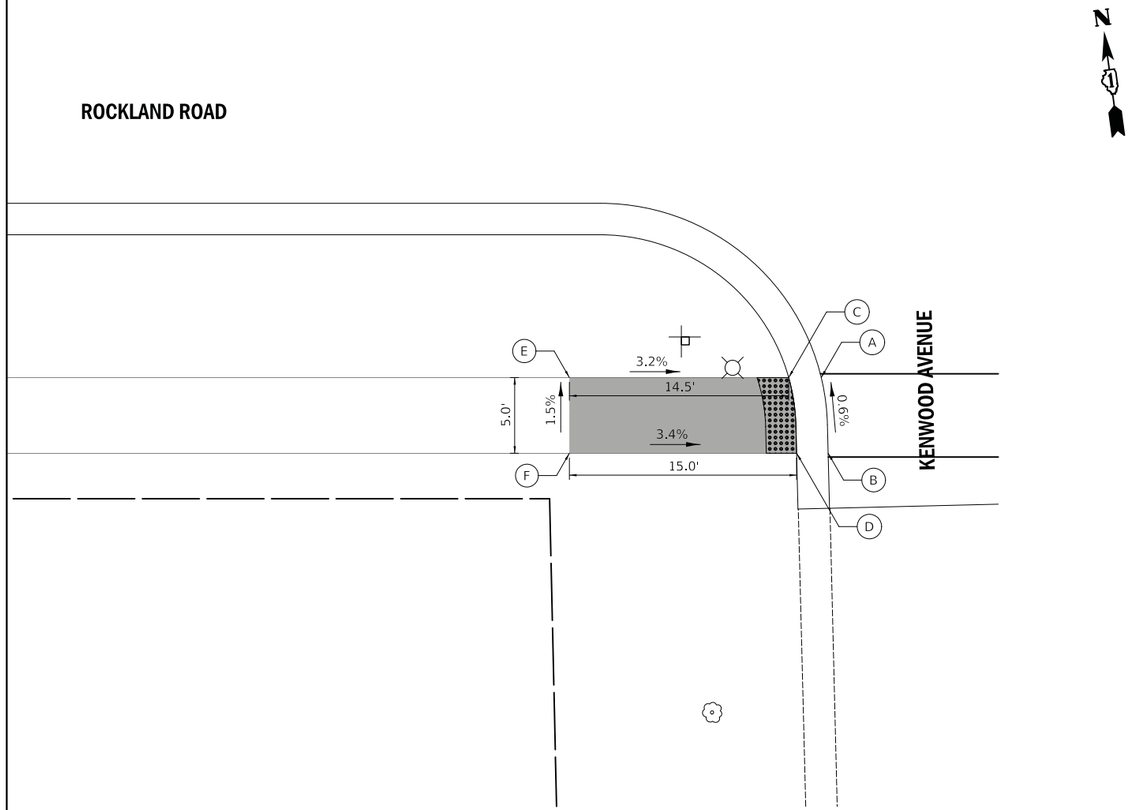
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND SEVENTH AVENUE
SIDEWALK GRADING PLAN

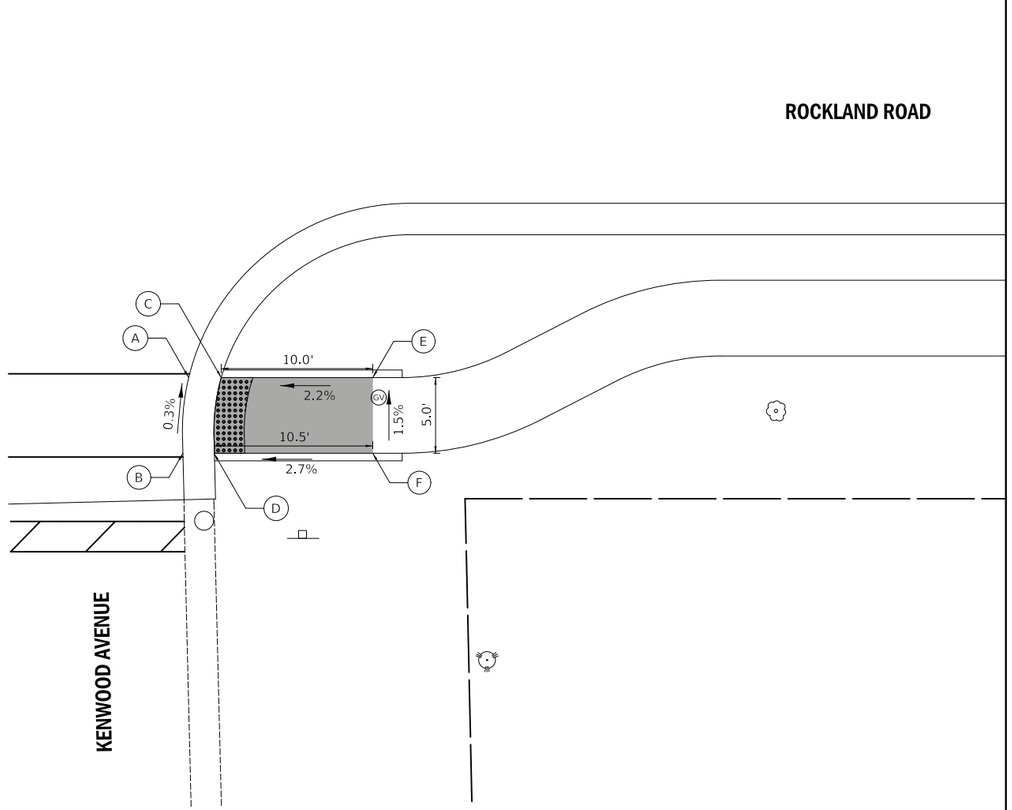
SCALE: 1" = 5' | SHEET 11 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	87
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



ROCKLAND ROAD AND KENWOOD AVENUE WEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	129+72.1	25.0' R	653.69
B	129+72.5	30.0' R	653.72
C	129+69.9	25.0' R	653.66
D	129+70.4	30.0' R	653.69
E	129+55.4	25.0' R	654.13
F	129+55.4	30.0' R	654.20



ROCKLAND ROAD AND KENWOOD AVENUE EAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	129+95.9	25.0' R	653.75
B	129+95.5	30.0' R	653.76
C	129+98.1	25.0' R	653.72
D	129+97.6	30.0' R	653.73
E	130+08.1	25.0' R	653.94
F	130+08.1	30.0' R	654.01

Notes:

1.) *THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.*

2.) *FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.*

3.) *STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.*

4.) *LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.*

5.) *PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).*

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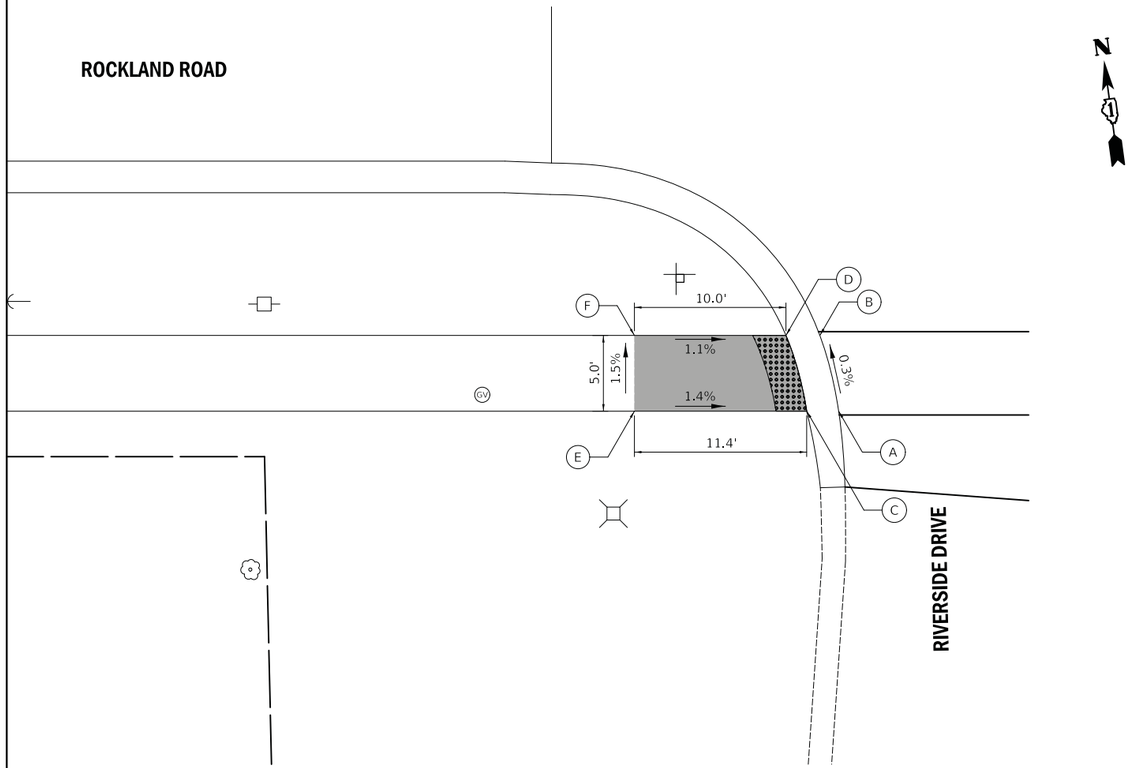
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND KENWOOD AVENUE
SIDEWALK GRADING PLAN

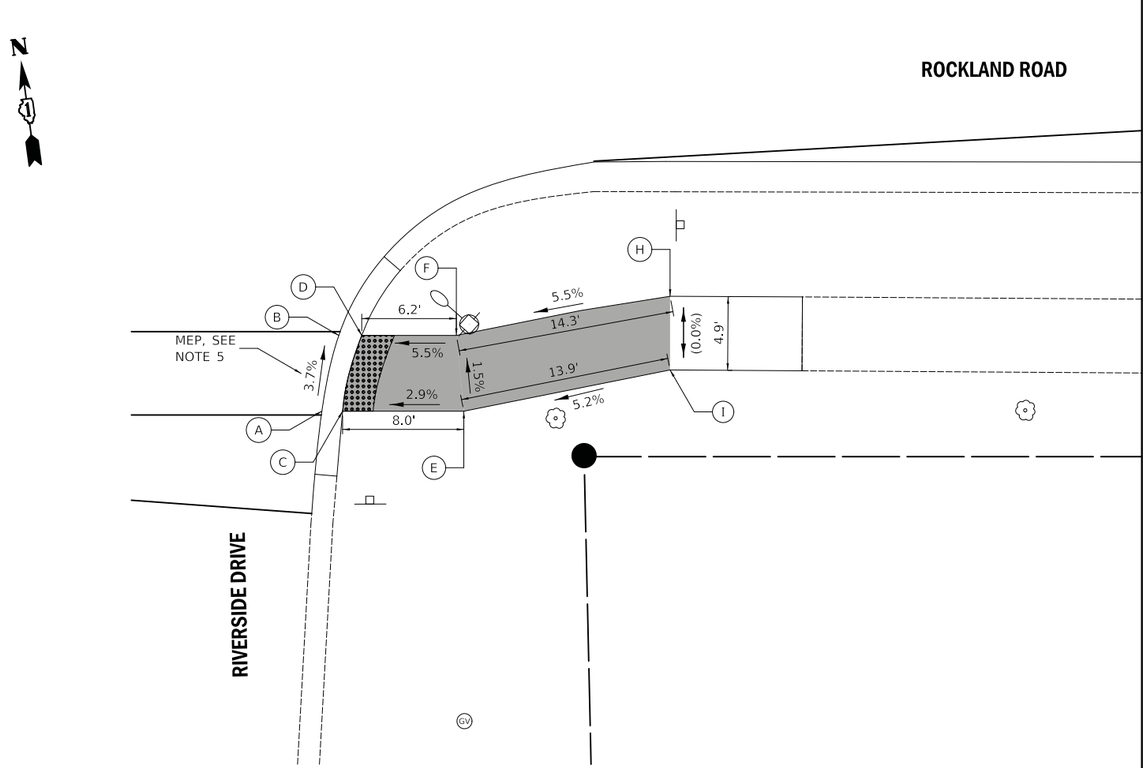
SCALE: 1" = 5' | SHEET 12 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	88
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



ROCKLAND ROAD AND RIVERSIDE DRIVE WEST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	133+22.0	30.0' R	655.05
B	133+20.7	25.0' R	655.03
C	133+19.8	30.0' R	655.02
D	133+18.5	25.0' R	655.00
E	133+08.5	30.0' R	655.18
F	133+08.5	25.0' R	655.11



ROCKLAND ROAD AND RIVERSIDE DRIVE EAST INTERSECTION CORNER

	STATION	OFFSET	ELEVATION
A	133+46.8	30.0' R	655.09
B	133+47.9	25.0' R	654.90
C	133+48.1	30.0' R	655.06
D	133+49.4	25.0' R	654.87
E	133+56.1	30.0' R	655.21
F	133+55.6	25.0' R	655.29
H	133+69.8	22.4' R	(656.01)
I	133+69.8	27.3' R	(656.01)

Notes:

1.) THESE ADA DETAILS FOLLOW THE CURRENT BDE MANUAL AND ADA/PROWAG GUIDELINES FOR DESIGN REQUIREMENTS.

2.) FIGURE 1 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS. FIGURE 2 FOLLOWS IDOT STANDARD 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.

3.) STATIONING REFERENCED FROM ROCKLAND RD CENTERLINE.

4.) LANDSCAPED AREAS ADJACENT TO THE ADA RAMPS SHALL BE GRADED TO DRAIN AWAY FROM THE RAMPS, IF POSSIBLE.

5.) PROPOSED CROSS SLOPE EXCEEDS CURRENT POLICY VALUE. RAMP IS DESIGNED TO THE MAXIMUM EXTENT PRACTICABLE (MEP).

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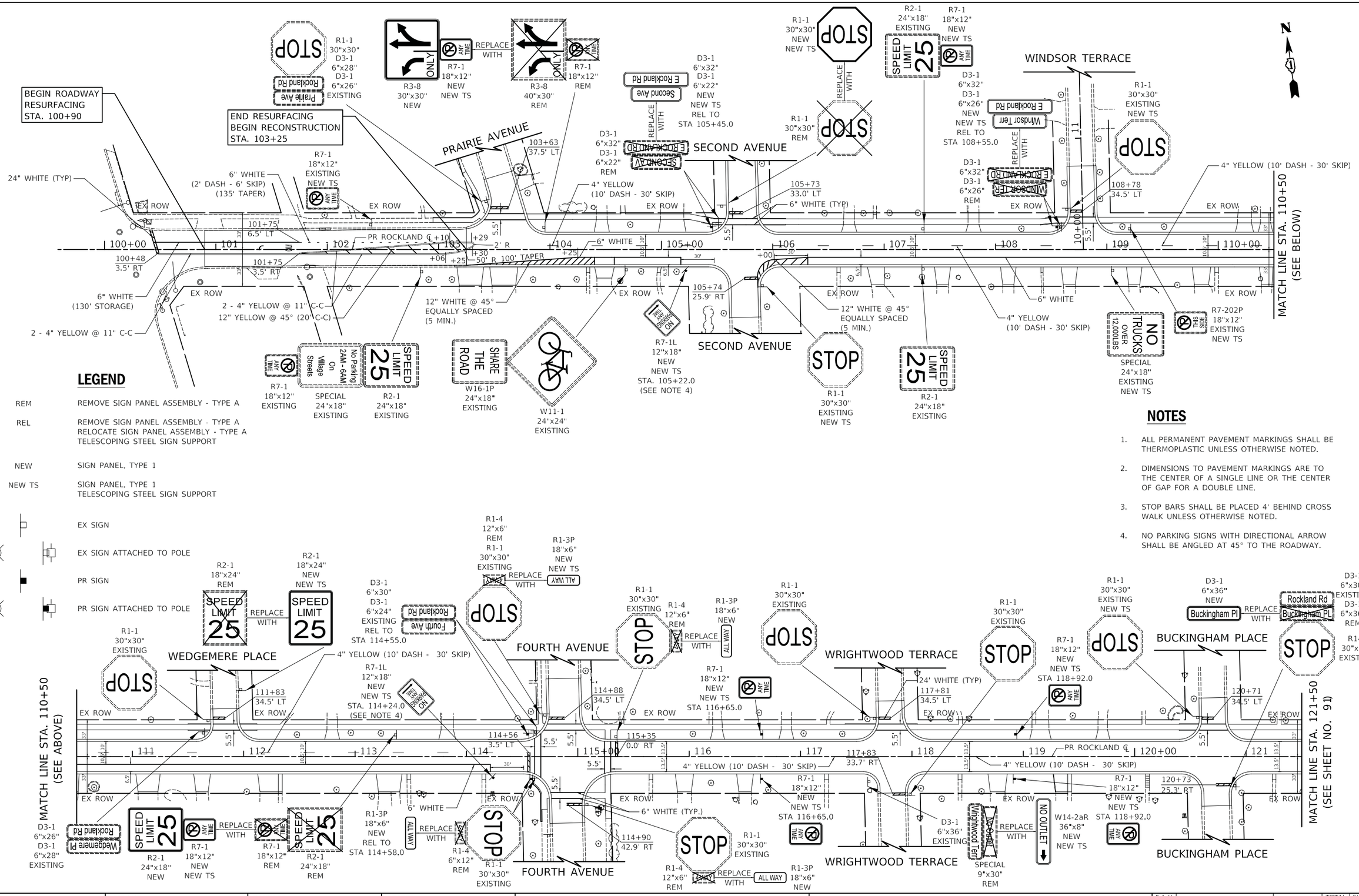
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD AND RIVERSIDE DRIVE
SIDEWALK GRADING PLAN

SCALE: 1" = 5' | SHEET 13 OF 13 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	89
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



LEGEND

REM	REMOVE SIGN PANEL ASSEMBLY - TYPE A
REL	REMOVE SIGN PANEL ASSEMBLY - TYPE A RELOCATE SIGN PANEL ASSEMBLY - TYPE A TELESCOPING STEEL SIGN SUPPORT
NEW	SIGN PANEL, TYPE 1
NEW TS	SIGN PANEL, TYPE 1 TELESCOPING STEEL SIGN SUPPORT

EX SIGN

EX SIGN ATTACHED TO POLE

PR SIGN

PR SIGN ATTACHED TO POLE

NOTES

1. ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
3. STOP BARS SHALL BE PLACED 4' BEHIND CROSS WALK UNLESS OTHERWISE NOTED.
4. NO PARKING SIGNS WITH DIRECTIONAL ARROW SHALL BE ANGLED AT 45° TO THE ROADWAY.

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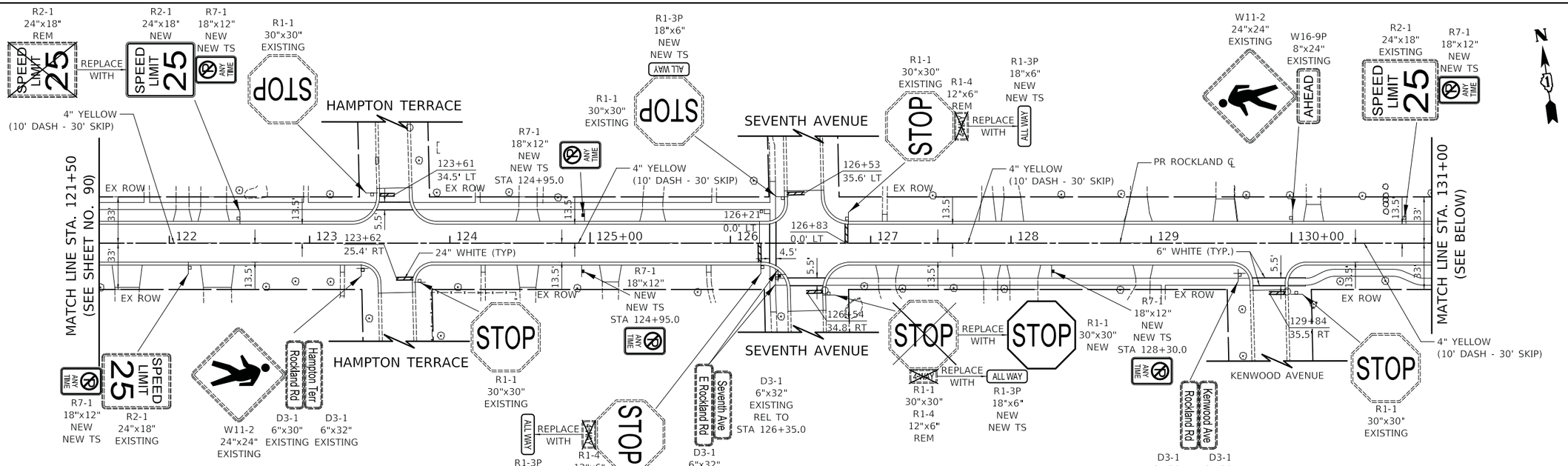
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
PAVEMENT MARKING AND SIGNING

SCALE: 1" = 40' | SHEET 1 OF 2 SHEETS | STA. 100+90 TO STA. 121+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	90
		CONTRACT NO. 61F75		
		ILLINOIS	FED. AID PROJECT	



LEGEND

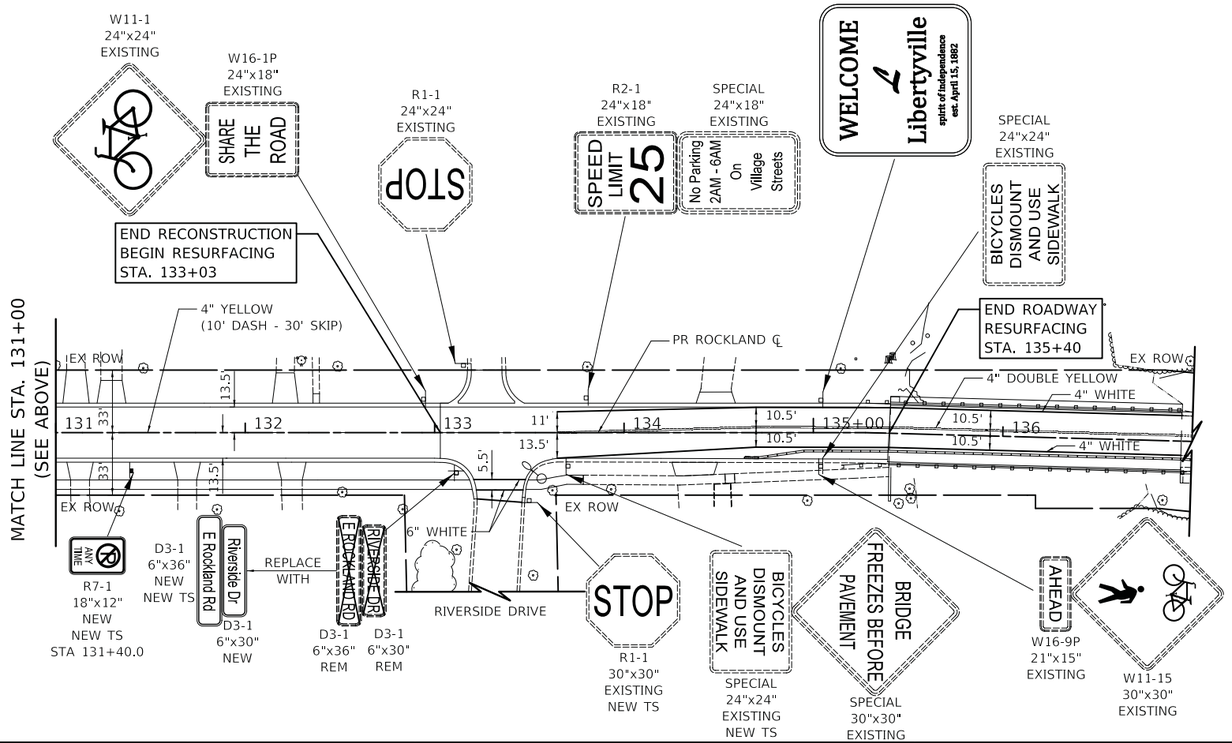
REM	REMOVE SIGN PANEL ASSEMBLY - TYPE A
REL	REMOVE SIGN PANEL ASSEMBLY - TYPE A RELOCATE SIGN PANEL ASSEMBLY - TYPE A TELESCOPING STEEL SIGN SUPPORT
NEW	SIGN PANEL, TYPE 1
NEW TS	SIGN PANEL, TYPE 1 TELESCOPING STEEL SIGN SUPPORT

EX SIGN

EX SIGN ATTACHED TO POLE

PR SIGN

PR SIGN ATTACHED TO POLE



NOTES

1. ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. DIMENSIONS TO PAVEMENT MARKINGS ARE TO THE CENTER OF A SINGLE LINE OR THE CENTER OF GAP FOR A DOUBLE LINE.
3. STOP BARS SHALL BE PLACED 4' BEHIND CROSS WALK UNLESS OTHERWISE NOTED.
4. NO PARKING SIGNS WITH DIRECTIONAL ARROW SHALL BE ANGLED AT 45° TO THE ROADWAY.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD
PAVEMENT MARKING AND SIGNING

SCALE: 1" = 40' | SHEET 2 OF 2 SHEETS | STA. 121+50 TO STA. 135+40

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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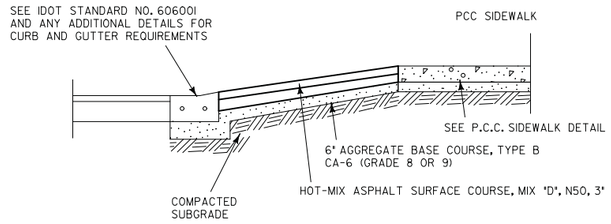
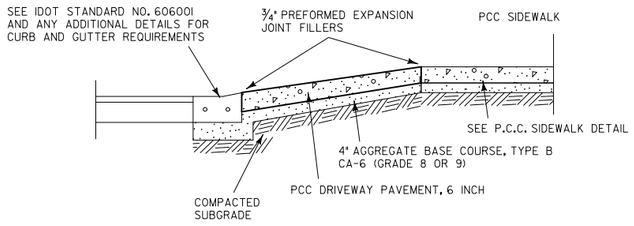
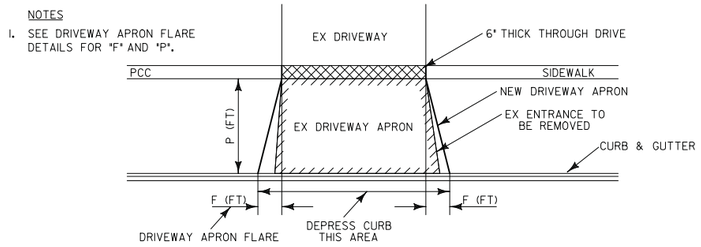
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



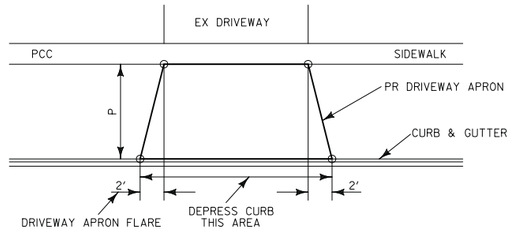
HOT-MIX ASPHALT DRIVEWAY APRON



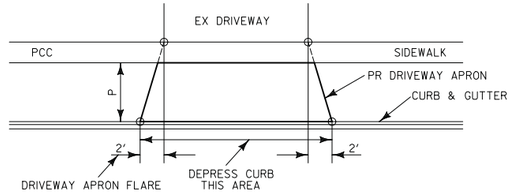
PORTLAND CEMENT CONCRETE DRIVEWAY APRON



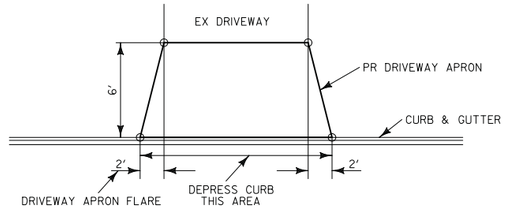
RESIDENTIAL DRIVEWAY RECONSTRUCTION



DRIVEWAY APRON FLARE FOR P>5'

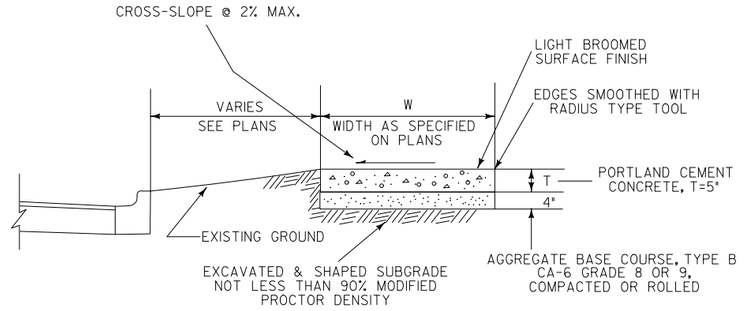


DRIVEWAY APRON FLARE FOR P<=5'



DRIVEWAY APRON FLARE WHEN THERE IS NO SIDEWALK

DRIVEWAY APRON FLARE



GENERAL NOTES:

1. At locations where sidewalk is subjected to wheel traffic and/or constructed across access drive entrances, the New P.C.C. Sidewalk Section shall be thickened to 6" across the width of the driveway. This work shall be considered as incidental, and no additional compensation will be allowed.
2. Placing, finishing and curing of P.C.C. Sidewalk shall meet the requirements of Sections 424 of the Standard Specifications for Road and Bridge Construction. Use 6 1/2 bag mix with 4% air entrainment.
3. Slab or panel contraction (control) joints shall be as follows:
   For 4' Sidewalk width = 5' O.C. Joint Spacing
   5' Sidewalk width = 5' O.C. Joint Spacing
   6' Sidewalk width = 6' O.C. Joint Spacing
   8' Sidewalk width = 8' O.C. Joint Spacing
4. Transverse expansion joints shall consist of preformed joint filler of thickness as follows:
   1/2" between sidewalk and structures, standards, poles
   3/4" at sidewalk intervals of not more thean 50 feet & abutting concrete curbing or pavement.
5. If excavation or undercutting of subgrade has been made deeper than necessary, the base shall be brought to proper grade by the addition of well compacted bedding material without any extra compensation to the Contractor.

TYPICAL SECTION - P.C.C. SIDEWALK

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VILLAGE OF LIBERTYVILLE

ROCKLAND ROAD - MILWAUKEE AVENUE TO DES PLAINES RIVER BRIDGE
CONSTRUCTION DETAILS

SCALE: N.T.S. | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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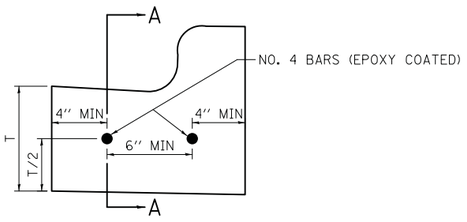
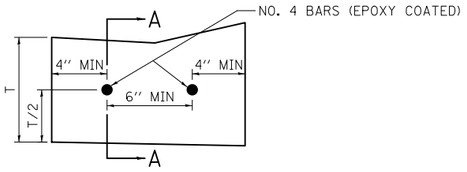
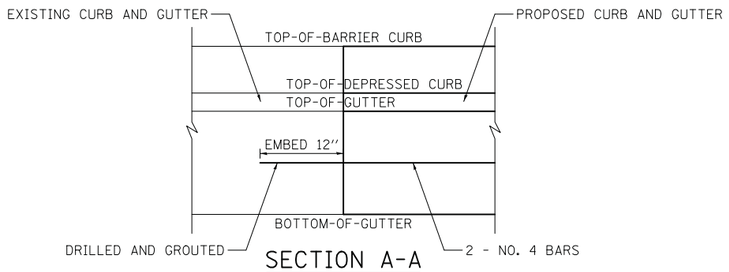
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



BARRIER CURB AND GUTTER



DEPRESSED CURB AND GUTTER

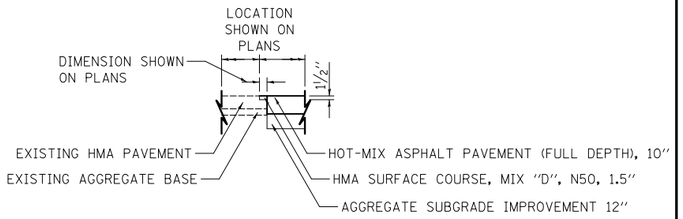


SECTION A-A

NOTES

1. SEE PLANS FOR TYPE OF CURB AND GUTTER AND SEE IDOT STANDARD 606001 FOR DIMENSIONS.

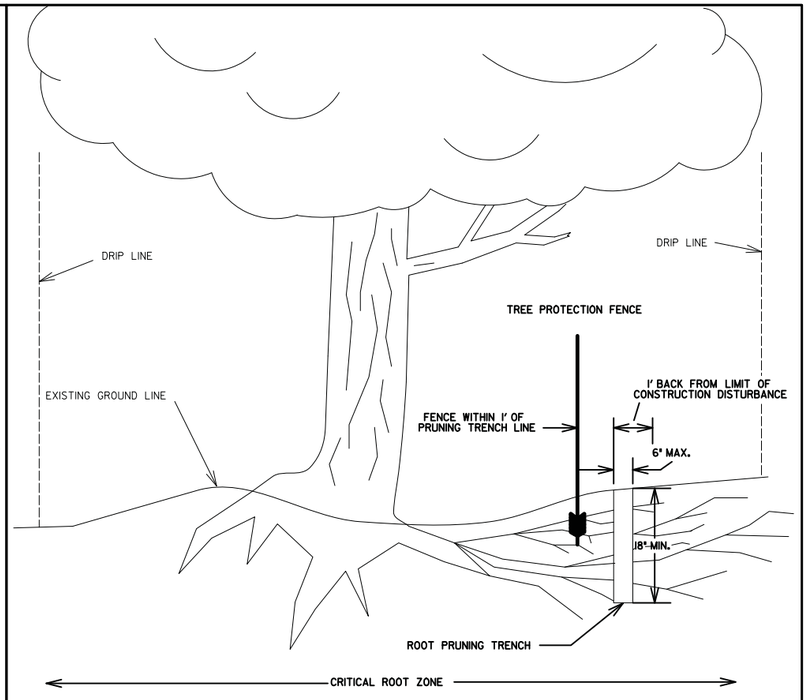
COMBINATION CONCRETE CURB AND GUTTER



PR HMA BUTT JOINT

THE 1½" REMOVAL OF EXISTING HMA SURFACE SHALL BE PAID FOR AS "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT"

HOT-MIX ASPHALT BUTT JOINTS



NOTES:

EXACT LOCATION OF ROOT PRUNING TO BE AS SPECIFIED BY ENGINEER OR APPOINTED REPRESENTATIVE OF PARKS DEPARTMENT.

BACKFILL ROOT PRUNING TRENCH IMMEDIATELY FOLLOWING COMPLETION OF PRUNING ACTIVITIES. COVER TRENCH WITH MINIMUM 3" MULCH.

ROOT PRUNING ACTIVITIES AND THE PLACEMENT OF PROTECTIVE FENCING SHALL BE COORDINATED SO THAT BOTH SHALL BE COMPLETED AT EACH LOCATION WITHIN A 48 HOUR PERIOD.

UNDER NO CIRCUMSTANCES SHALL CONSTRUCTION PROCEED PRIOR TO THE COMPLETION OF ROOT PRUNING AND THE PLACEMENT OF PROTECTIVE FENCING, NOR SHALL FENCING BE REMOVED WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEER.

TREE AND BUSH ROOT PRUNING

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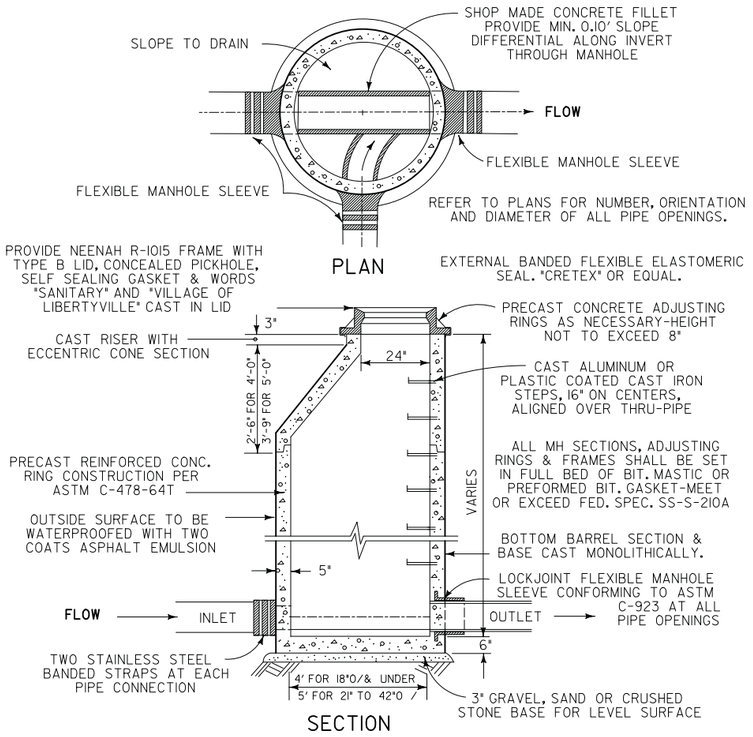
VILLAGE OF LIBERTYVILLE

ROCKLAND ROAD - MILWAUKEE AVENUE TO DES PLAINES RIVER BRIDGE
CONSTRUCTION DETAILS - 2

SCALE: N.T.S. | SHEET 2 OF 5 SHEETS | STA. | TO STA.

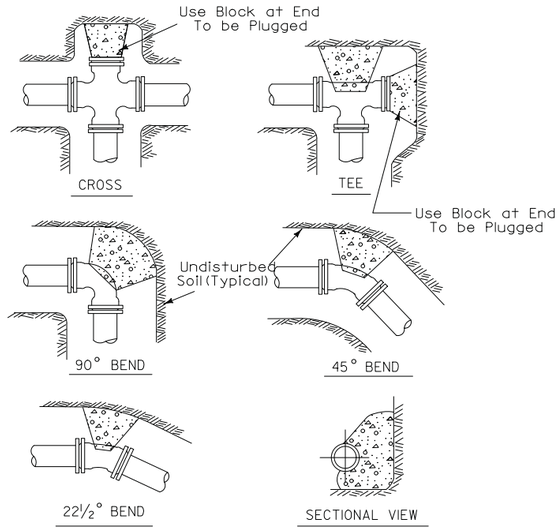
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	93
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



SANITARY MANHOLE

ENGINEERING DIVISION
VILLAGE OF LIBERTYVILLE

CELL LIBRARY DTLS.CEL
CELL NAME DTL002
STANDARD NO. 002

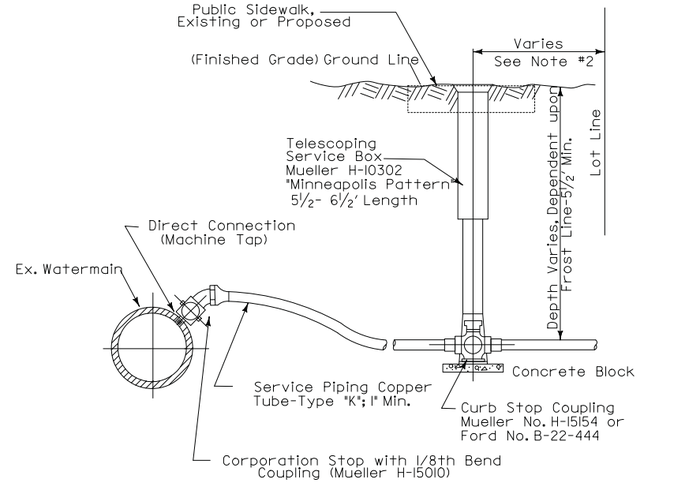


NOTES:
1. Thrust Blocks to be Used at 1/16th or Greater Bends.
2. Thrust Blocks to be Poured Against Firm Undisturbed Soil. Use Class "X" Concrete.

THRUST BLOCK INSTALLATION

ENGINEERING DIVISION
VILLAGE OF LIBERTYVILLE

CELL LIBRARY DTLS.CEL
CELL NAME DTL010
STANDARD NO. 010



Notes:

1. Compacted Granular Trench Backfill is Required where any Portion of Excavation Activity is Within Three (3) Feet Horizontally of Existing or Proposed Pavements, Driveways, or Sidewalks.
2. Where Public Sidewalk is Present or Proposed, B-Box Shall Be Centered Within Width of Sidewalk
3. When Water Services are Installed as Replacements for an Existing Service, Village Water Maintenance Personnel Shall Make the Tap for Services 2" in Diameter or Smaller.

WATER SERVICE INSTALLATION

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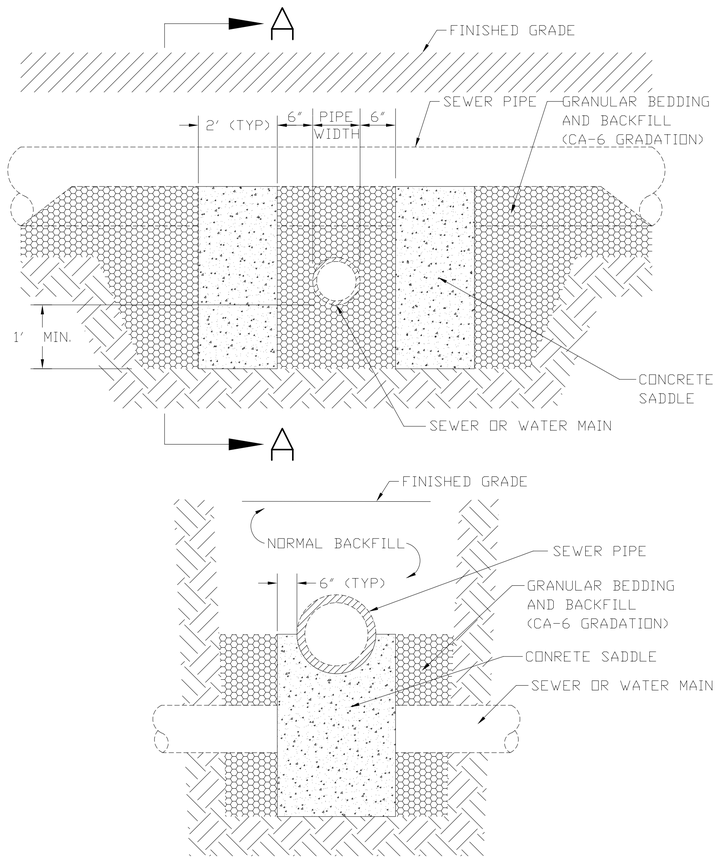
VILLAGE OF LIBERTYVILLE

ROCKLAND ROAD - MILWAUKEE AVENUE TO DES PLAINES RIVER BRIDGE
CONSTRUCTION DETAILS - 3

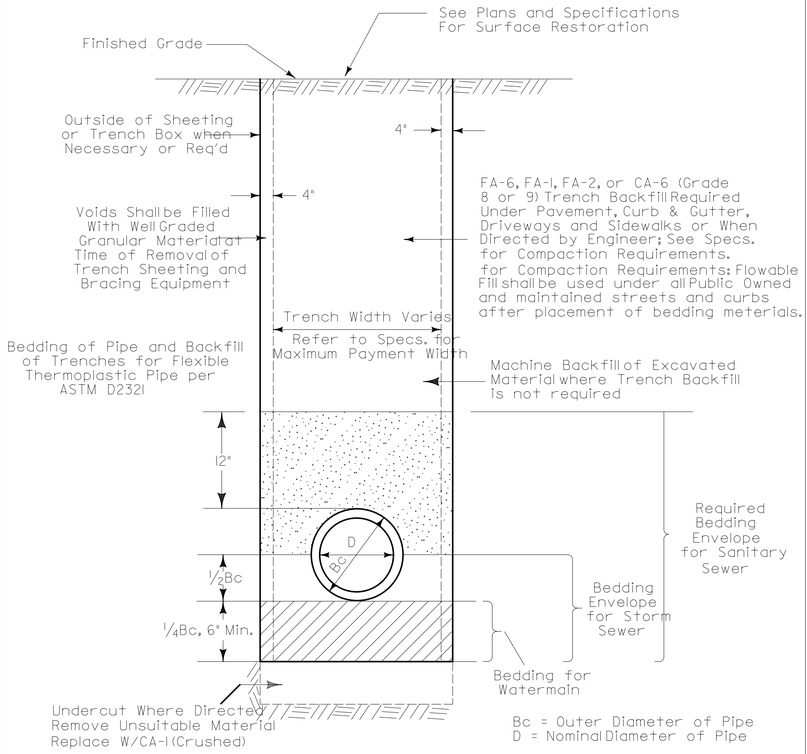
SCALE: N.T.S. | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	94
		CONTRACT NO. 61F75		
	ILLINOIS	FED. AID PROJECT		



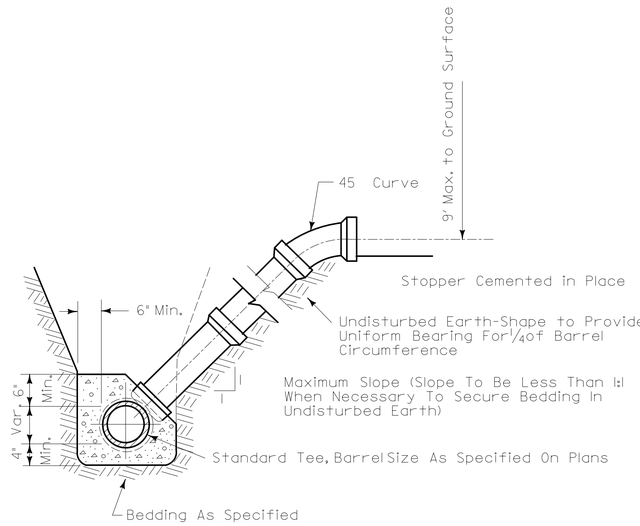
SECTION A-A

CONCRETE SADDLE SUPPORT



TYPICAL TRENCH AND BEDDING DETAIL

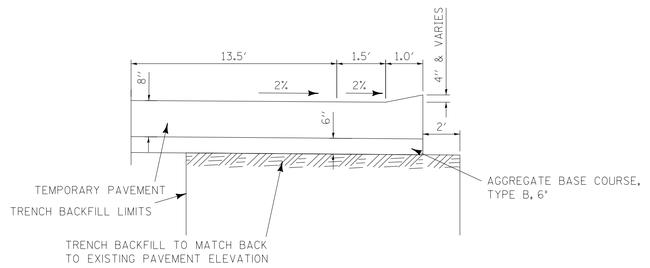
ENGINEERING DIVISION CELL LIBRARY DTLS3.CEL CELL NAME DTL024
VILLAGE OF LIBERTYVILLE STANDARD NO. 024



Note : Riser To Be Consstructed In Lieu Of Wyes Sewer Depth Exceeds Nine (9) Feet

SEWER SERVICE INSTALLATION

ENGINEERING DIVISION CELL LIBRARY DTLS.CEL CELL NAME DTL008
VILLAGE OF LIBERTYVILLE STANDARD NO. 008



TEMPORARY PAVEMENT PLACEMENT
(SEVENTH AVE TO RIVERSIDE DR)

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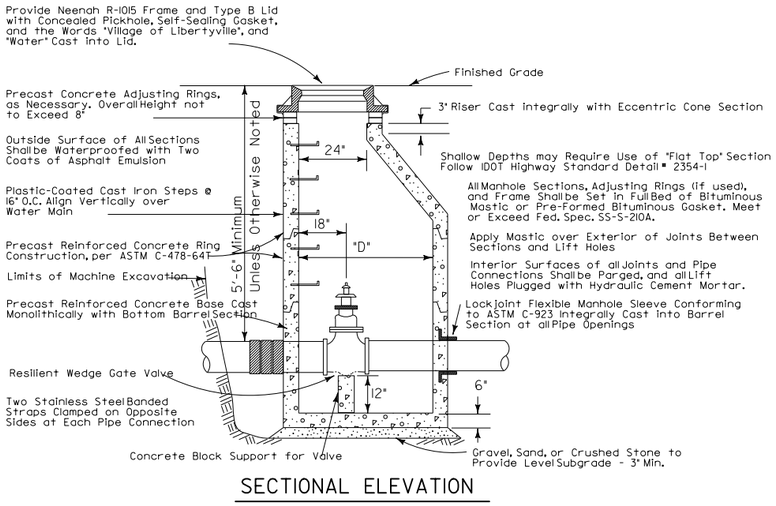
VILLAGE OF LIBERTYVILLE

ROCKLAND ROAD - MILWAUKEE AVENUE TO DES PLAINES RIVER BRIDGE
CONSTRUCTION DETAILS - 4

SCALE: N.T.S. | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	95
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



SECTIONAL ELEVATION

NOTES:

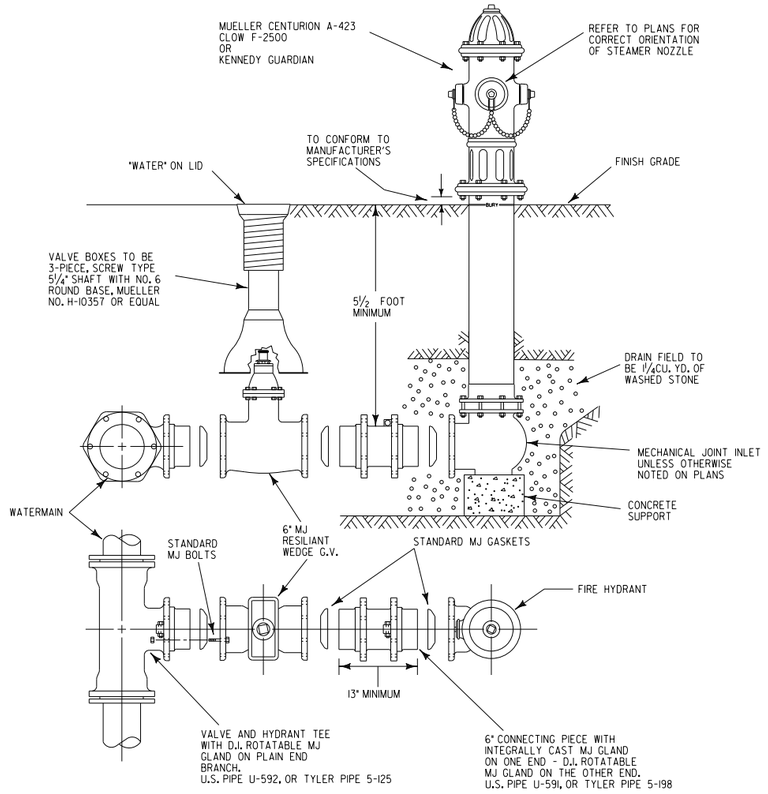
1. Dimension "D" Shall be 48" When Watermain is Less Than 10" in Diameter, and 60" When Diameter of Main is 10" or Larger.
2. For Valve Vaults Constructed Over Existing Mains, Such as at Pressure Connections or for Valve Insertions, Refer to Pressure Connection Detail.
3. The Contract Unit Price For "Valve Vault" Shall Include the Cost of Furnishing and Placing 3" Leveling Base as Specified, and the Cost of Furnishing and Placing the Specified Frame and Cover.
4. Frame Opening Shall be Aligned Over Operating Nut so that Valve can be Keyed Without Twist or Torque.

WATERMAIN VALVE VAULT

Issued	1-27-88	Approved by:
By	Revised Date	DLK
PDS	12-5-90	

VILLAGE OF LIBERTYVILLE
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

STANDARD NO. 017



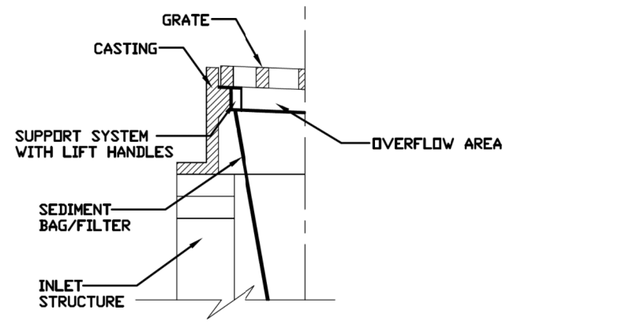
TYPICAL HYDRANT INSTALLATION

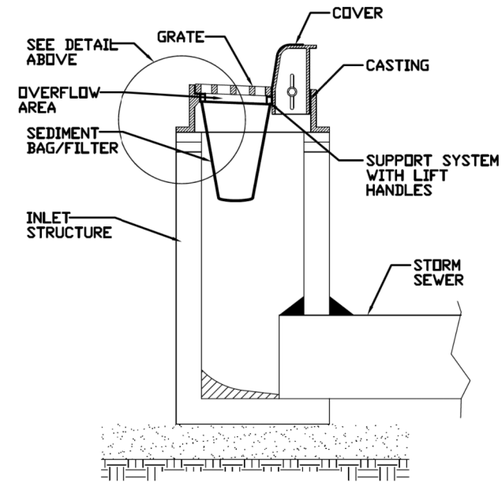
Issued	6-1-87	Approved by:
By	Revised Date	DLK
EMD	12-14-90	

VILLAGE OF LIBERTYVILLE
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

STANDARD NO. 018

INLET PROTECTION - PAVED AREAS
DROP-IN PROTECTION





REFERENCE
Project
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____

STANDARD DWG. NO.
IUM-561D
SHEET 1 OF 1
DATE 01-11-11

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VILLAGE OF LIBERTYVILLE

2014 PAVEMENT RECONSTRUCTION PROGRAM - PHASE II
CONSTRUCTION DETAILS

SCALE: N.T.S | SHEET 5 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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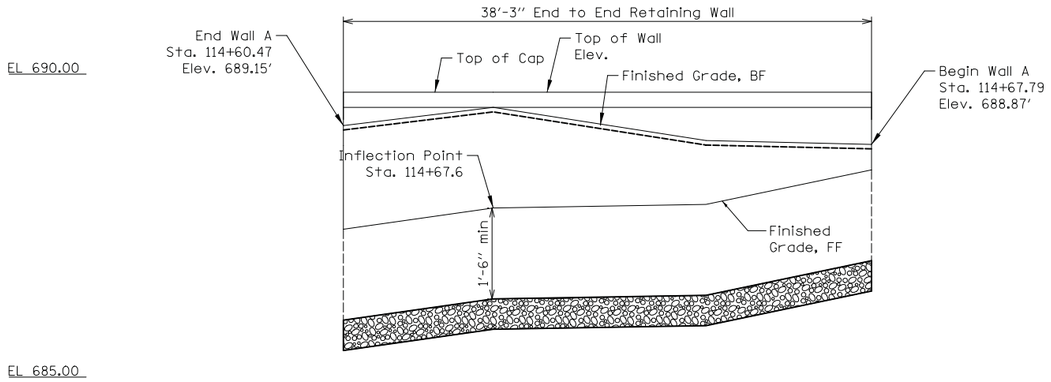
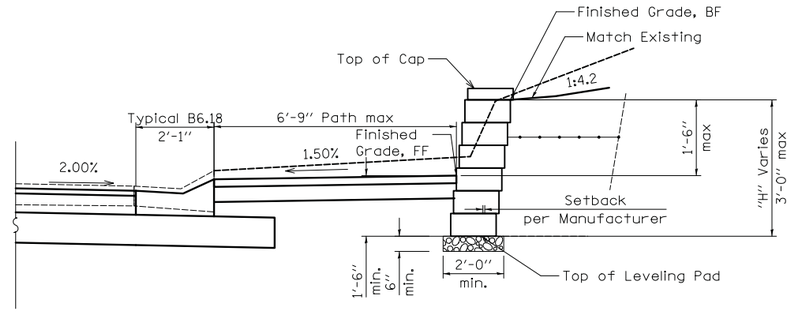
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			

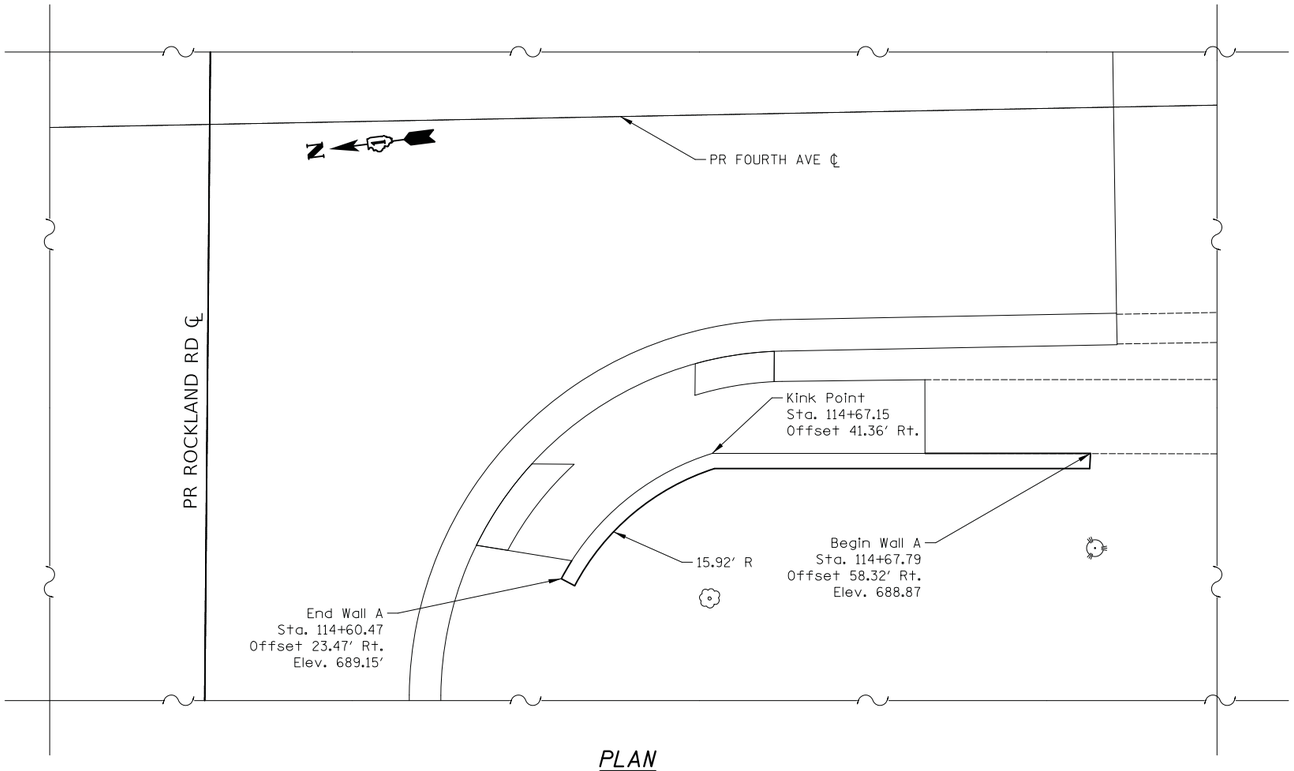


ELEVATION

(Looking at Front Face of Wall)
FF = Front Face
BF = Back Face



TYPICAL CROSS SECTION



PLAN

GENERAL NOTES:

1. *Design and installation of Segmental Concrete Block Wall (including need for Soil Reinforcement) to be in accordance with Wall System Manufacturer Design Requirements and Specifications.*

DESIGN SPECIFICATIONS

2017 AASHTO LRFD Bridge Design Specifications, 8th Edition

PAY ITEM	ITEM	UNIT	TOTAL
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ. FT.	75
X3400004	RETAINING WALL REMMOVAL	FOOT	37

GENERAL PLAN & ELEVATION
WALL A
FOURTH STREET

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCKLAND ROAD - MILWAUKEE AVENUE TO DES PLAINES RIVER BRIDGE
BLOCK RETAINING WALL DETAIL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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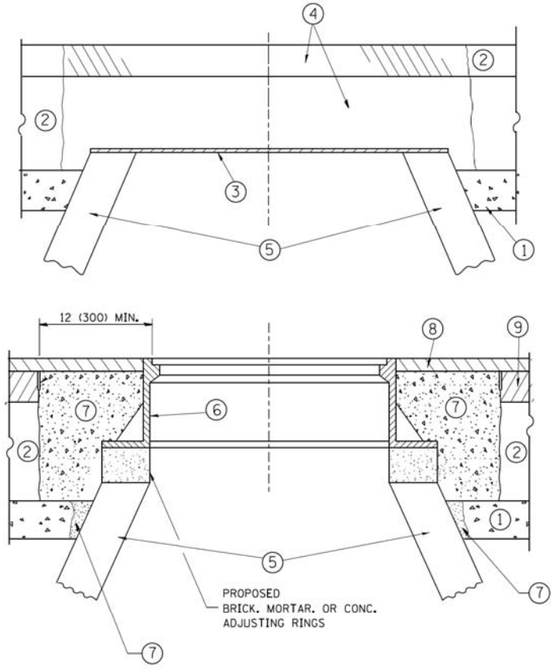
		CONTRACT NO. 61F75		
	ILLINOIS FED. AID PROJECT			



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID: ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS PP-1* CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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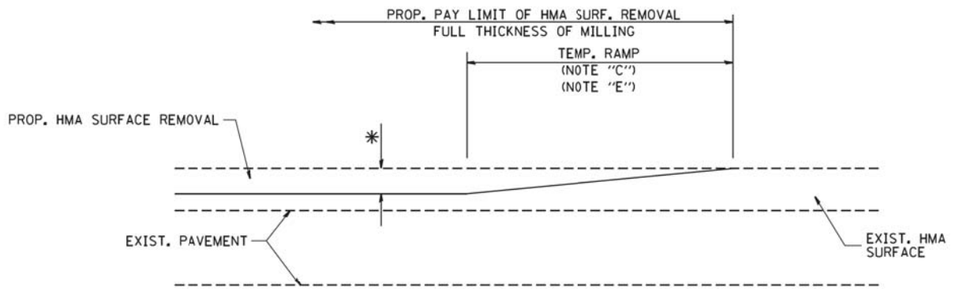
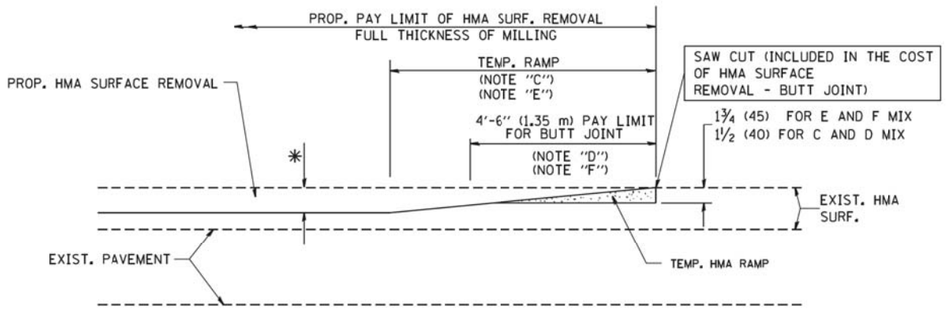
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

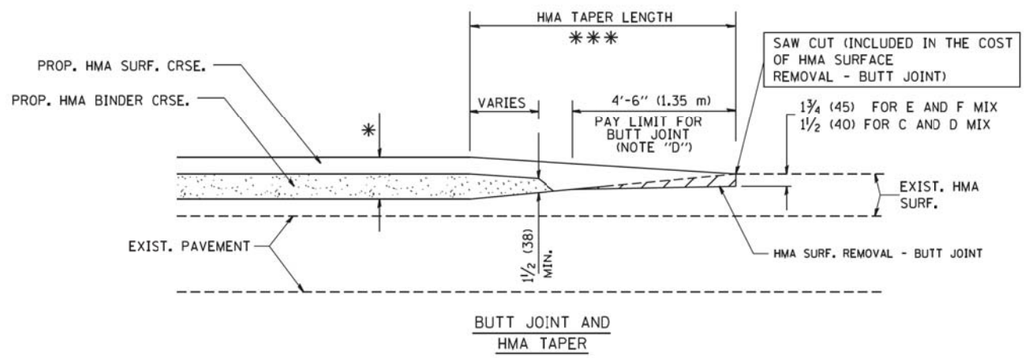


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

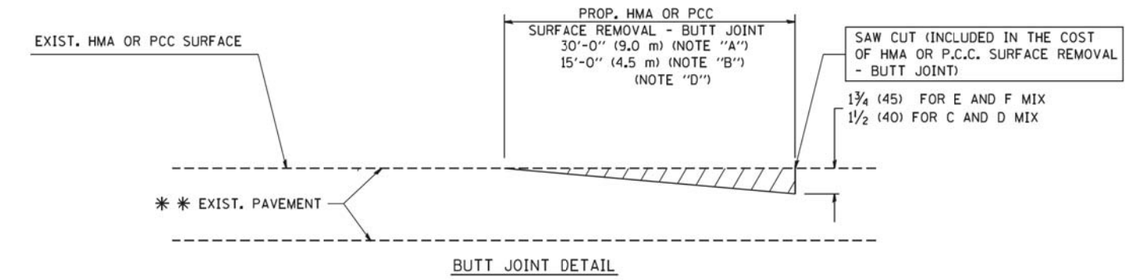
OPTION 2

TYPICAL TEMPORARY RAMP

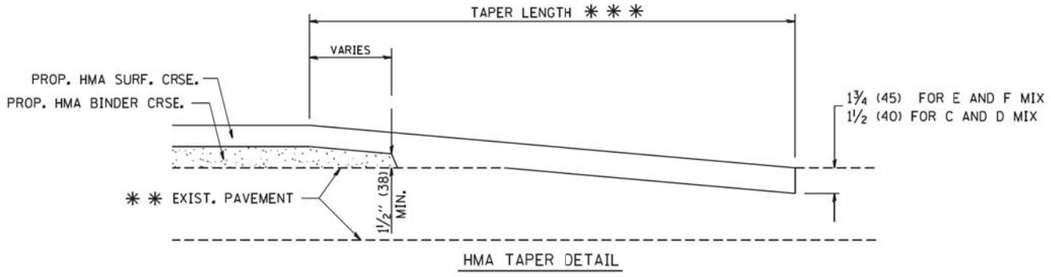


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	99
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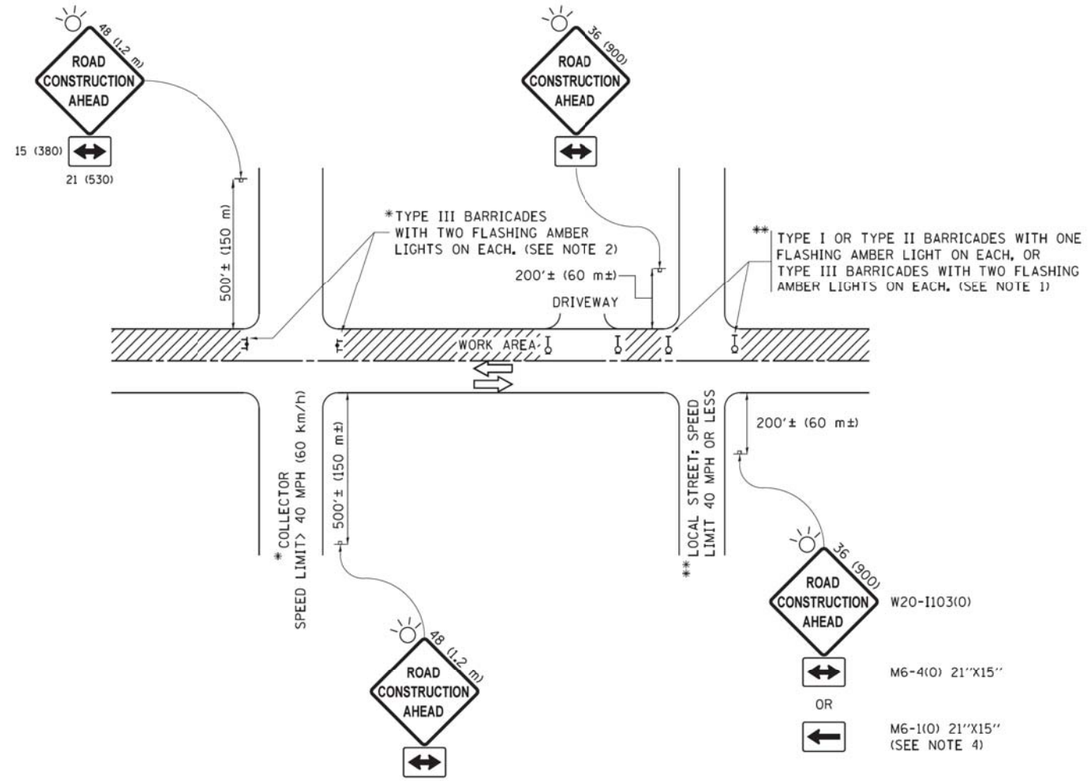
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. 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.
4. 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).
5. 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.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. 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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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.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1239	16-00116-00-PV	LAKE	168	100
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	ILLINOIS FED. AID PROJECT			