

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS SEE SHEET NO. 2

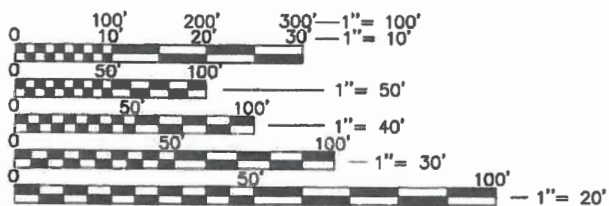
04-26-2019 LETTING ITEM 113

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
 FEDERAL-AID HIGHWAY**
 F.A.U. ROUTE 169 (GRAND AVENUE)
 NIPPERSINK BLVD. TO IL RTE 59
 RESURFACING/SIDEWALKS
 SECTION: 17-00027-00-RS
 PROJECT: 3PLW(580)
 PROJECT LOCATED IN THE
 VILLAGE OF FOX LAKE
 LAKE COUNTY
 C-91-214-18

FALL RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	62	1
CONTRACT #			61F69	
ILLINOIS FED. AID PROJECT				

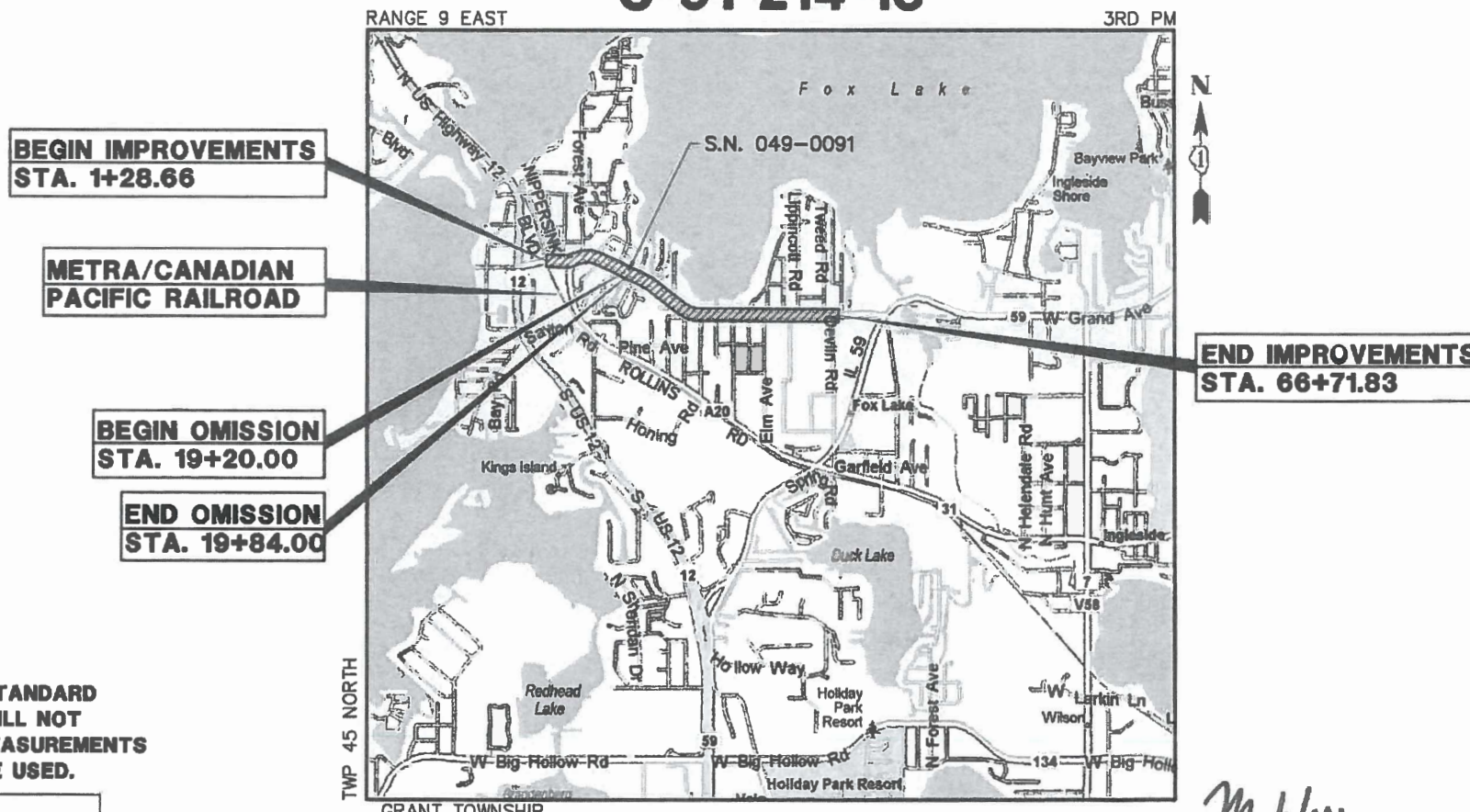
TRAFFIC DATA

ROAD NAME: GRAND AVENUE
 FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
 ADT (2017): 6,350
 ADT (2040): 7,300
 POSTED SPEED LIMIT: 35 MPH
 DESIGN SPEED: 35 MPH



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

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



LOCATION MAP
 (Not to Scale)



SIGNED: *Mark G.F. Cobb*
 ENGINEER

DATE: 1/11/19
 EXP. 11/30/2019

GHA GEWALT HAMILTON ASSOCIATES, INC.
 625 Forest Edge Drive ■ Vernon Hills, IL 60061
 Tel 847.478.9700 ■ Fax 847.478.9701
 GHA JOB # 4870.160

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

Approved: *Kealan Noonan*
 Kealan Noonan
 Village of Fox Lake, Director of Public Works

Passed: *2/6/19*
Stephen M. Javala
 District One Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *February 6, 2019*
Anthony J. Dunnington /CRS
 Regional Engineer

CONTRACT NO. 61F69

GROSS LENGTH ■ 6,544 FEET ■ (1.24 MILES)
 NET LENGTH ■ 6,480 FEET ■ (1.23 MILES)

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 OF THE STATE OF ILLINOIS**

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

SHEET INDEX

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BENCHMARK

LAKE COUNTY BENCH MARK 3-44
 CUT SQUARE AT SOUTHWEST BRIDGE DECK CORNER.
 ELEVATION: 748.58 NAVD 29

CONTROL POINTS:

Point #	Northing	Easting	Elevation	Description
20	2086214.16	1031653.58	738.79	CP20-IR/CAP
21	2086203.60	1031217.32	750.03	CP21-IR/CAP
22	2086214.05	1030708.80	757.51	CP22-MAG
23	2086251.56	1030101.31	767.60	CP23-IR/CAP
24	2086202.58	1029525.23	780.75	CP24-IR/CAP
25	2086241.07	1029077.47	768.12	CP25-IR/CAP
26	2086189.47	1028419.12	746.44	CP26-IR/CAP
27	2086422.92	1027912.89	767.01	CP27-IR/CAP
28	2086730.82	1027574.67	764.11	CP28-MAG
29	2087067.05	1027050.85	748.29	CP29-MAG
30	2087258.69	1026572.57	742.72	CP30-IR/CAP
32	2087421.79	1025176.34	745.98	CP32-FIR
33	2087306.82	1025251.09	744.93	CP33-FXSW
34	2087490.46	1026068.31	742.00	CP34-IR/CAP
35	2087420.30	1025831.79	740.87	CP35-IR/CAP
36	2087323.28	1025647.80	742.18	CP36-XSW
37	2087278.66	1024733.63	741.97	CP37-XSW
38	2087257.75	1024920.68	740.49	CP38-MAG
7198	2084441.78	1031658.22	754.35	CP7198-FD
12772	2086208.65	1030311.25	763.08	CP12772-MAG

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" LATEST EDITION, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, THE DETAILS IN THESE PLANS, THE CONTRACT DOCUMENTS, ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE IEPA AND ORDINANCES OF AUTHORITIES HAVING JURISDICTION AND ALL ADDENDA THERETO.
- EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK.
- ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
- IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.
- ANY PROPOSED ACTIVITY IN THE VICINITY OF A HIGHWAY-RAIL GRADE CROSSING MUST ADHERE TO THE GUIDELINES SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) UNDER SECTION 6G.18: WORK IN THE VICINITY OF A GRADE CROSSING WHICH STATES: "WHEN GRADE CROSSINGS EXIST EITHER WITHIN OR IN THE VICINITY OF A TTC ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE.
- THE CONTRACTOR SHALL TAKE CARE TO KEEP THE EXISTING TRAFFIC SIGNAL EQUIPMENT FREE OF CONCRETE SPLATTER WHEN REPLACING CURB AND GUTTER AND SIDEWALK.

UTILITY NOTES

- MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES USING A CORE DRILL. HAMMERING OR SAWING OF STRUCTURES WILL NOT BE ALLOWED.
- ALL CONNECTIONS TO EXISTING OR DISSIMILAR STORM/SANITARY LINES SHALL BE DONE WITH STAINLESS STEEL NON-SHEAR COUPLINGS.
- STONE BEDDING AND BACKFILL SHALL BE OMITTED FOR A DISTANCE OF 15 FEET UP AND DOWNSTREAM OF SEWERS DRAINING TO OR FROM PONDS OR STREAMS. THE REPLACED BEDDING SHALL BE SILTY CLAY SOIL MECHANICALLY COMPACTED TO 90% MODIFIED PROCTOR DENSITY. THE USE OF PERMEABLE SOILS WILL NOT BE PERMITTED.

STATE STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN TYPE A
602301-04	INLET TYPE A
602401-06	PRECAST MANHOLE, TYPE A, 4' (1.22m) DIAMETER
602402-02	PRECAST MANHOLE, TYPE A, 5' (1.52m) DIAMETER
604001-04	FRAME AND LIDS, TYPE 1
604051-04	FRAME AND GRATE TYPE 11
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
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
780001-05	TYPICAL PAVEMENT MARKINGS

DISTRICT ONE DETAILS

BD-8	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION
TC-23	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

NOTE:
 CONSTRUCTION MEANS, METHODS AND JOBSITE SAFETY IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR.

SPECIAL CONDITIONS FOR CONSTRUCTION WITHIN A COUNTY HIGHWAY RIGHT-OF-WAY

WORK NOTIFICATION

Prior to starting construction the Permit Section, (847) 377-7400, shall be called and given the construction start date.

SPECIFICATIONS

The construction and restoration methods and procedures, materials used and construction signing and traffic control shall, when applicable, conform or meet the standards and requirements set forth in the current "Manual on Uniform Traffic Control Devices for Street and Highways", "Standard Specifications for Road and Bridge Construction", "Standard Specification for Traffic Control Items" and the "Highway Standards" manual as published or adopted by the Illinois Department of Transportation.

FIELD CHANGES FOR WATERMAIN OR SEWER LOCATION

No changes to the depth or location of the watermain or sewer as shown on these plans due to unforeseen field conditions or conflicts can be made unless prior approval has been obtained from the Permit Section of the Lake County Division of Transportation.

ADDITIONS, EXTENSIONS OR DELETIONS FOR THE WATERMAIN OR SEWER

No additions, extensions or deletions can be made to the watermain or sewer as shown on these plans unless prior approval has been obtained from the Permit Section of the Lake County Division of Transportation.

APPROVAL OF MATERIALS

The Lake County Division of Transportation Permit Section, (847) 377-7400, shall be called for approval of any materials (i.e. trench backfill, sand, gravel or other granulated materials) that will be placed within the County Highway right-of-way that are not on the approved engineering plans.

HAZARDS TO THE PUBLIC

Measures shall be taken to prevent or protect the public from hazards caused by the construction operations.

PARKING OF VEHICLES, EQUIPMENT AND STORAGE OF MATERIALS

Construction worker's vehicles and construction equipment shall be parked in areas outside of the County Highway right-of-way or in areas where there will be no interference with the normal use of the highway or vehicle sight distance. Construction materials shall be located at least 12 feet from a through traffic lane or outside of the County Highway right-of-way.

MAINTAINING EXISTING TRAFFIC CONTROL DEVICES

Existing traffic control devices that are removed shall be re-erected as soon as possible. Damaged or lost traffic control signs shall be reported to the Sign Shop, (847) 377-7501, of the Lake County Division of Transportation for replacement.

Regulatory and warning traffic signs shall be kept in view of the highway traffic.

EXISTING DRAINAGE AND ACCESS

Disturbed highway drainage facilities shall be re-established at the close of each work day. Occupants of adjacent properties having access to the County Highway shall be notified prior to being blocked and suitable arrangements made with the occupants. Adjacent property access shall be re-established as soon as possible.

HIGHWAY PAVEMENTS

Care shall be taken not to break, crack or damage the highway pavement with equipment operating on it. Also, any dirt or debris tracked onto the highway pavement shall be removed. Equipment with grozzer pads, cleats or studs are not permitted to operate on the highway pavement.

If, due to construction operations, the highway pavement becomes damaged or undermined, all construction work in that area shall be stopped and the highway pavement repaired as directed by the Lake County Division of Transportation. Alternate construction measures shall then be used to prevent further highway pavement damage.

EXCAVATIONS, TRENCHES AND BORE PITS

Excavated material shall, when practical, be piled on the near traffic side of the excavation, trench or bore pit. Open excavations, trenches or bore pits remaining after working hours shall not exceed 50 feet in length and shall be properly protected (fencing, covered, etc.) and marked (Type I or II barricades). If barricades are used in series, only steady burning lights shall be used. Bore pits shall be located no closer than 10 feet to the highway pavement, back of curb or gutter, or shoulder break line, whichever is further. If casing pipes are used, the voids in the casing pipe shall be filled and/or the ends sealed so there will be no siltation into the casing pipe.

BACKFILLING

Backfilling operations shall be simultaneous with the construction operations and shall be in accordance with the "Standard Specifications for Road and Bridge Construction". Any excavation, trench, bore pit or portion thereof within a 1:1 slope of the pavement edge or back of curb shall be backfilled with Trench Backfill (sand). In addition, Trench Backfill (sand) shall be used for all access crossings and pavement areas and shall extend two feet beyond the edge of the access or pavement area. Areas between the pavement edge and shoulder break line shall be backfilled with Aggregate Base Course (gravel). Backfill of shoulder areas shall not extend above the existing ground and any settlement shall be promptly filled.

MANHOLES, VALVES, VALVE VAULTS AND APPURTENANCES

The top of the frame and lid or cover of a manhole, valve, or valve vault shall be flush and contoured to the surrounding ground. If this is not possible due to an excessive slope, the surrounding ground shall be regraded or the frame and lid or cover partially buried to provide for a gradual transition slope so the area can be safely mowed and no hazard to the public will result. The top of the frame and lid or cover that is located within the gravel shoulder shall have a bituminous apron installed around the frame or cover as directed by the Lake County Division of Transportation. Any frame and lid or cover located in a paved area shall be contoured and ¼ inch below the surface of the surrounding pavement. The top of the frame and lid or cover shall not be located within the area of 27.5 feet to 30.5 feet from the highway pavement centerline.

Surface appurtenances that extend above the surrounding ground surface shall be located within 2' of the County Highway right-of-way.

TILE LINES AND STORM SEWERS

Existing tile lines and storm sewers that are encountered during construction operations shall be replaced if broken with like size and kind of material. Tile line and storm sewer crossings of the excavation shall be bridged with rigid material such as wood or steel. The location and depth of any encountered tile lines and storm sewers shall be recorded and a copy given to the Lake County Division of Transportation.

WINTER CONSTRUCTION WORK

Snow and ice removal operations of the Lake County Division of Transportation shall have precedence over the construction operations. A 12-foot wide (minimum) clear area from the highway pavement edge shall be maintained for the roadside storage of snow and ice. No construction equipment or materials shall be stored in this 12-foot wide (minimum) clear area nor shall any piles of dirt or excavated materials be left in this area.

RESTORATION AND CLEAN-UP

The area of the County Highway right-of-way disturbed by construction operations shall be kept to a minimum and shall be restored as promptly as weather and soil conditions permit. If restoration is not accomplished voluntarily, the Lake County Division of Transportation may set a final date for the completion of the restoration work.

Turf areas of the right-of-way disturbed by construction operations shall be compacted and regraded to an equal or better condition than existed before construction. Also an average 3-inch depth of topsoil, fertilizer, seed and mulch shall be used. Hydro seeding is also acceptable. Sod shall be used in high erosion areas. This restoration work will not be considered completed until the turf cover is established.

Gravel and paved shoulders that are damaged shall be replaced as directed by the Lake County Division of Transportation. Driveways, side roads and other accesses, which are damaged, shall be restored with similar materials and thickness. The edges of excavated paved surfaces shall be sawcut prior to repair. Culverts, storm sewer systems and other drainage facilities including ditch lines shall be cleaned of siltation and debris due to the construction operations.

Other areas of the right-of-way that have been disturbed such as curb and gutters shall be restored with similar materials.

Any damaged property of the County of Lake, its Division of Transportation, or of others (including utility companies) shall be repaired or replaced or the owner of the damaged property reimbursed for the costs of repairing the damaged property by the owner.

RESTORATION GUARANTEE

Any restoration work that fails within one year of completion shall be redone. Also, any settlement that occurs within one year of completion of the surface restoration work shall be filled and the surface area restored.

KEEPING ROADS OPEN TO TRAFFIC

All roads shall remain open to traffic. The Contractor may close one lane because of construction only between the hours of 9:00 a.m. and 3:00 p.m. The person in charge shall notify the Lake County Division of Transportation - Transportation Management Center, (847) 377-7000, of any lane closure and when the lane re-opens. This information will be broadcast on the Lake County Passage website and Highway Advisory Radio. The Contractor shall maintain traffic during these restricted hours as shown on the Traffic Control Standards. Two lanes of traffic will be maintained between 3:00 p.m. and 9:00 a.m. and when no construction activities are being carried out. Traffic routed around construction areas shall be over paved surfaces and not over gravel shoulders.

FILE NAME = 4870160_DT1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LAKE COUNTY GENERAL NOTES				FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS		169	17-00027-00-R5	LAKE	63	3				
PLOT SCALE = 1:20		CHECKED - MGC	REVISED -		SCALE N/A SHEET NO. OF SHEETS STA. TO STA.				CONTRACT # 61F69				
PLOT DATE =		DATE - 11.12.18	REVISED -		ILLINOIS FED. AID PROJECT								

SUMMARY OF QUANTITIES					CONSTRUCTION CODE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	
20101100	TREE TRUNK PROTECTION	EACH	3	3	
20101200	TREE ROOT PRUNING	EACH	3	3	
20200100	EARTH EXCAVATION	CU YD	60	60	
20800190	TRENCH BACKFILL	CU YD	120	120	
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	1,550	1,550	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	30	30	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	30	30	
25200110	SODDING, SALT TOLERANT	SQ YD	1,550	1,550	
25200200	SUPPLEMENTAL WATERING	UNIT	50	50	
28000510	INLET FILTERS	EACH	22	22	
35101600	AGGREGATE BASE COURSE, TYPE B, 4"	SQ YD	1,400	1,400	
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	100	100	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	12,100	12,100	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,130	1,130	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	610	610	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N60	TON	2,700	2,700	

- SPECIALTY ITEM
 SP - SPECIAL PROVISION
 X - CONSTRUCTION CODE 042

SUMMARY OF QUANTITIES					CONSTRUCTION CODE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	100	100	
42001300	PROTECTIVE COAT	SQ YD	1,311	1,311	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	40	40	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9,900	9,900	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	600	600	
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1,600	1,600	
42400800	DETECTABLE WARNINGS	SQ FT	830	830	
44000100	PAVEMENT REMOVAL	SQ YD	350	350	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	750	750	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	26,800	26,800	
44000300	CURB REMOVAL	FOOT	1110	1110	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1890	1890	
44000600	SIDEWALK REMOVAL	SQ FT	8000	8000	
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	720	720	
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	720	720	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	315	315	

- SPECIALTY ITEM
 SP - SPECIAL PROVISION
 X - CONSTRUCTION CODE 042

SUMMARY OF QUANTITIES					CONSTRUCTION CODE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	145	145	
55100400	STORM SEWER REMOVAL 10"	FOOT	75	75	
55100500	STORM SEWER REMOVAL 12"	FOOT	75	75	
55101200	STORM SEWER REMOVAL 24"	FOOT	270	270	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 6 GRATE	EACH	1	1	
60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2	
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	3	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	5	5	
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5	5	
60500040	REMOVING MANHOLES	EACH	5	5	
60500050	REMOVING CATCH BASINS	EACH	1	1	
60500060	REMOVING INLETS	EACH	6	6	
60600605	CONCRETE CURB, TYPE B	FOOT	1190	1190	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2080	2080	

- SPECIALTY ITEM
 SP - SPECIAL PROVISION
 X - CONSTRUCTION CODE 042

SUMMARY OF QUANTITIES					CONSTRUCTION CODE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005	
# 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	170	170	
# 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
# 66900565	PNAS SOIL ANALYSIS	EACH	2	2	
# 66900570	PNAS GROUNDWATER ANALYSIS	EACH	2	2	
# 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1	
# 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DAY	1	1	
# 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1	
67100100	MOBILIZATION	LSUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1000	1000	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	335	335	
# 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	120	120	
# 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11200	11200	
# 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1150	1150	

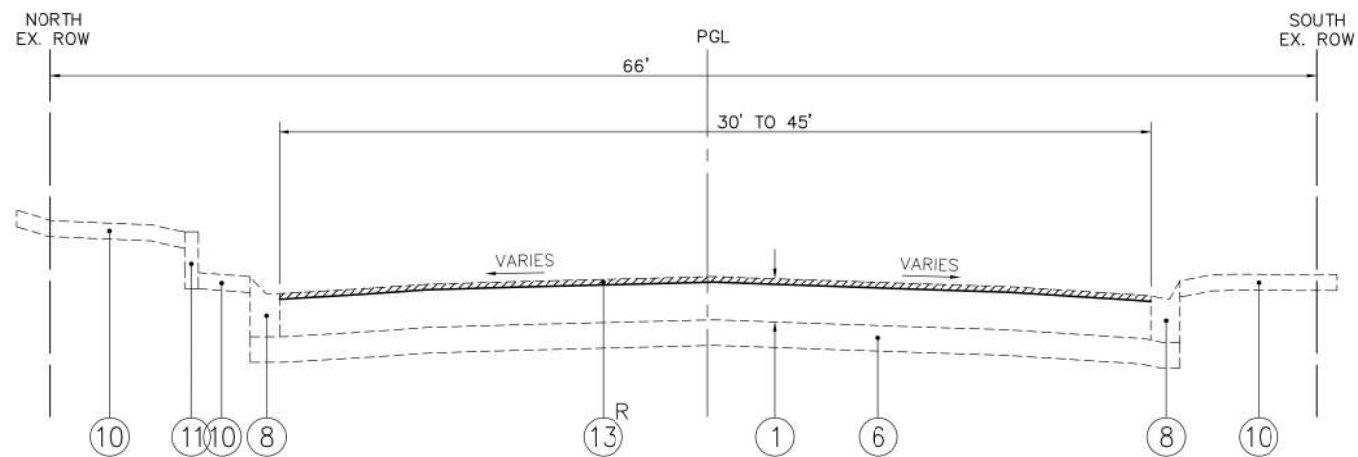
- SPECIALTY ITEM
 SP - SPECIAL PROVISION
 X - CONSTRUCTION CODE 042

SUMMARY OF QUANTITIES						CONSTRUCTION CODE
		CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0005
#		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1630	1630
#		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	260	260
SP		X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1	1
SP		X0326864	BRICK SIDEWALK REMOVAL	SQ FT	280	280
SP		X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	50	50
SP		X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	40	40
SP		XX006821	CONCRETE TRUCK WASHOUT	LSUM	1	1
SP		Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	125	125
SP		Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	350	350
SP		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52
SP		Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1
		Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	27	27

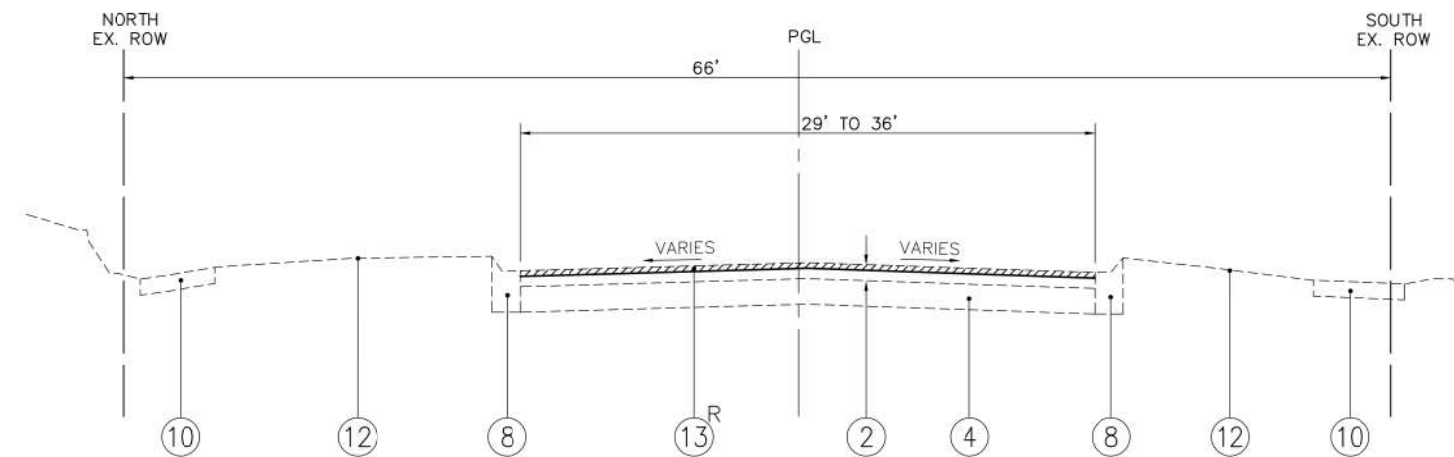
- SPECIALTY ITEM
SP - SPECIAL PROVISION
X - CONSTRUCTION CODE 042

FILE NAME = 4870.100_DTI.049	USER NAME = MARK CBBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			PLAN 169	SECTION 17-00027-00-R5	COUNTY LAKE	TOTAL SHEETS 63	SHEET NO. 6
	PLOT SCALE = 1:28	DRAWN - GHA	REVISED - 02.06.19 PER IDOT COMMENTS					SCALE N/A	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT # 61F69	
	PLOT DATE =	CHECKED - HGC	REVISED -									
		DATE - 11.12.18	REVISED -									

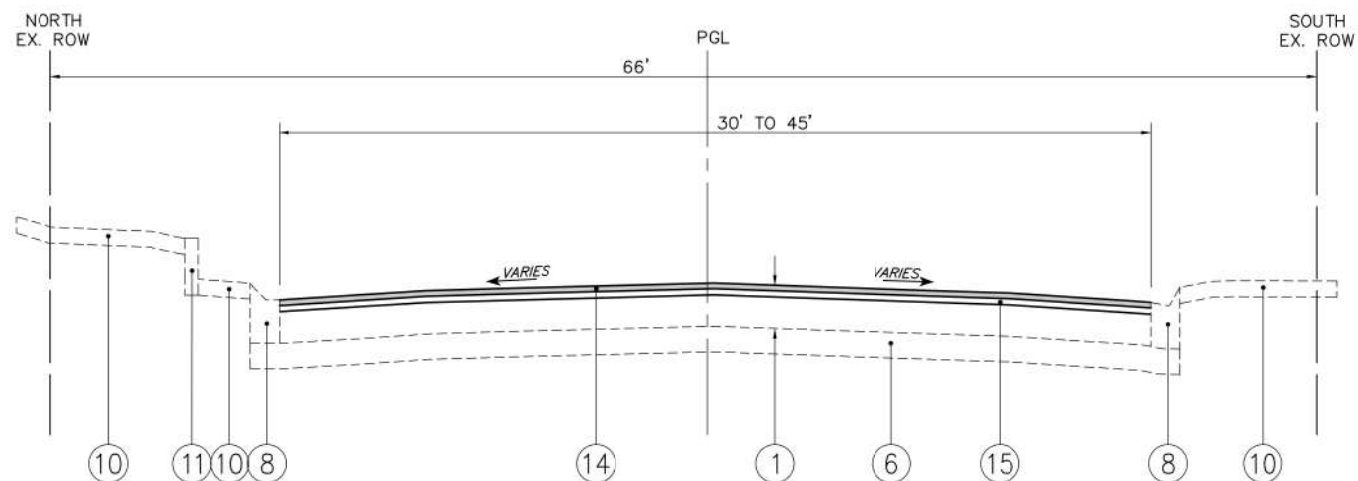
ROADWAY	CORNER	AREA (SQ FT)	DEPTH (FT)	VOLUME (CU FT)	VOLUME (CU YD)
KEYSTONE LN.	NEC	135	0.81	109.35	4.1
YORK ST.	SEC	33	0.81	26.73	1.0
YORK ST.	NEC	93	0.81	75.33	2.8
YORK ST.	NWC	111	0.81	89.91	3.3
ATWATER PKWY.	NEC	35	0.81	28.35	1.1
GLENVIEW AVE.	SEC	50	0.81	40.5	1.5
GLENVIEW PL.	NEC	33	0.81	26.73	1.0
MAPLE AVE.	SEC	80	0.81	64.8	2.4
MAPLE AVE.	NEC	137	0.81	110.97	4.1
MAPLE AVE.	NWC	93	0.81	75.33	2.8
HICKORY AVE.	SEC	50	0.81	40.5	1.5
LAKE AVE.	SEC	25	0.81	20.25	0.8
LAKE AVE.	SWC	56	0.81	45.36	1.7
LAKE AVE.	NEC	65	0.81	52.65	2.0
LAKE AVE.	NWC	28	0.81	22.68	0.8
ELM AVE.	SEC	26	0.81	21.06	0.8
ELM AVE.	SWC	47	0.81	38.07	1.4
LINDEN AVE.	NEC	22	0.81	17.82	0.7
LINDEN AVE.	NWC	64	0.81	51.84	1.9
POPLAR AVE.	NWC	31	0.81	25.11	0.9
TWEED RD.	NEC	143	0.81	115.83	4.3
TOTALS		1357		1099.17	40.7
EARTHWORK TABLE					



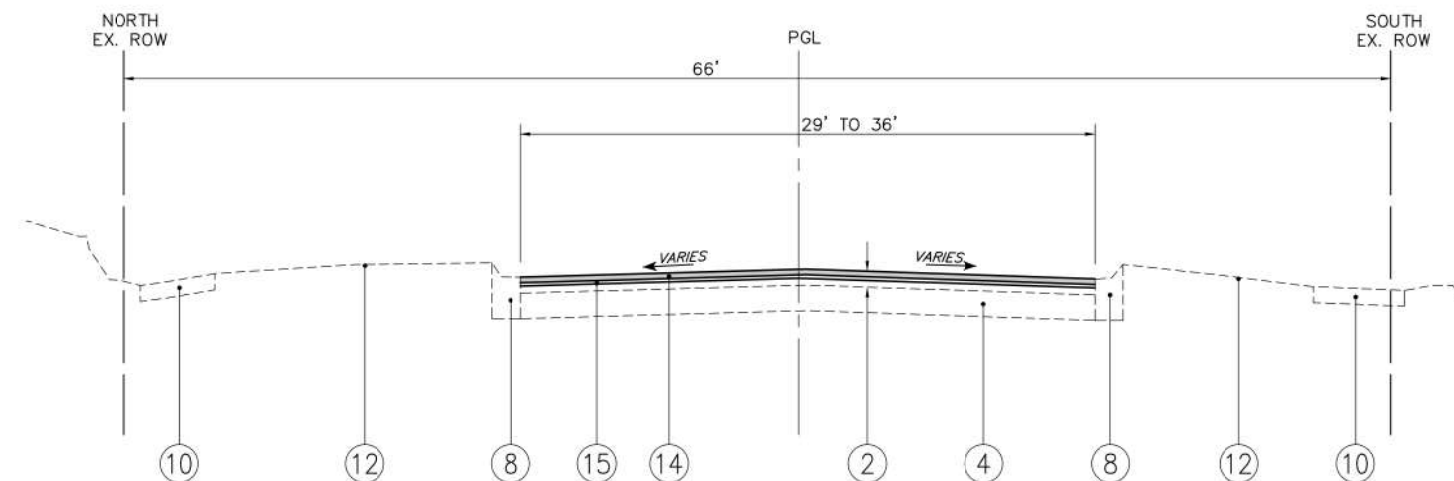
EXISTING TYPICAL SECTION
 STA. 1+30 - 10+00, GRAND AVENUE
 STA. 55+00 - 58+00, GRAND AVENUE



EXISTING TYPICAL SECTION
 STA. 13+00 - 23+00, GRAND AVENUE
 STA. 52+00 - 55+00, GRAND AVENUE
 STA. 58+00 - 67+00, GRAND AVENUE



PROPOSED TYPICAL SECTION
 STA. 1+30 - 10+00, GRAND AVENUE
 STA. 55+00 - 58+00, GRAND AVENUE



PROPOSED TYPICAL SECTION
 STA. 13+00 - 23+00, GRAND AVENUE
 STA. 52+00 - 55+00, GRAND AVENUE
 STA. 58+00 - 67+00, GRAND AVENUE

TYPICAL CROSS SECTION LEGEND

- | NO. | DESCRIPTION |
|----------------|---|
| ① | EXISTING HMA PAVEMENT, 13.5" |
| ② | EXISTING HMA PAVEMENT, 2"-13" |
| ③ | EXISTING HMA PAVEMENT, 1.75"-8.75" |
| ④ | EXISTING CONCRETE PAVEMENT, 7"-8.75" |
| ⑤ | EXISTING CONCRETE PAVEMENT, 2"-8.5" |
| ⑥ | EXISTING AGGREGATE BASE, 8.5" |
| ⑦ | EXISTING AGGREGATE BASE, 11.25"-13" |
| ⑧ | EXISTING CONCRETE CURB & GUTTER, B6.12 |
| ⑨ | EXISTING BARRIER CURB |
| ⑩ | EXISTING SIDEWALK |
| ⑪ | EXISTING RETAINING WALL |
| ⑫ | EXISTING GROUND |
| ⑬ | HOT-MIX ASPHALT SURFACE REMOVAL, 2.5" |
| ⑭ | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.75" |
| ⑮ | POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 0.75" |
| ⓧ ^R | ITEM TO BE REMOVED |

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1.75"	4% @ 50 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 0.75"	3.5% @ 50 GYR
DRIVEWAY PAVEMENT, 6" OR 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, 4"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6"	4% @ 50 GYR
PAVEMENT WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1.75"	4% @ 50 GYR
CLASS D PATCHES, 13 INCH	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0	4% @ 70 GYR
INCIDENTAL HMA SURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1.75"	4% @ 70 GYR

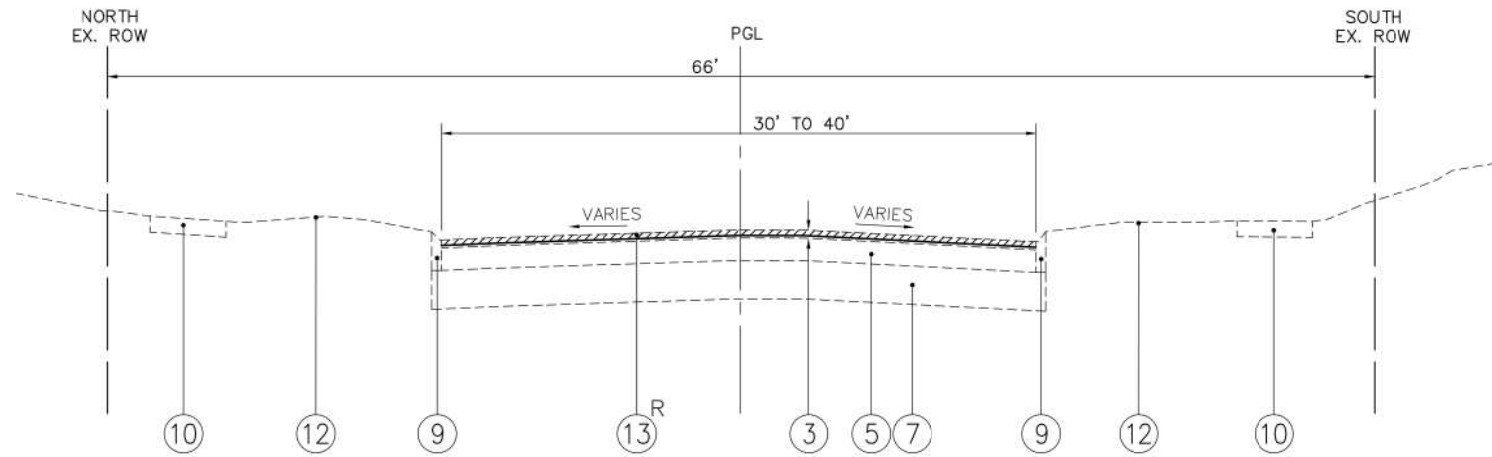
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ.YD./IN.
 THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

FILE NAME = 4870160_DT1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS
	PLOT SCALE = 1:20	CHECKED - MGC	REVISED -
	PLOT DATE =	DATE - 11.12.18	REVISED -

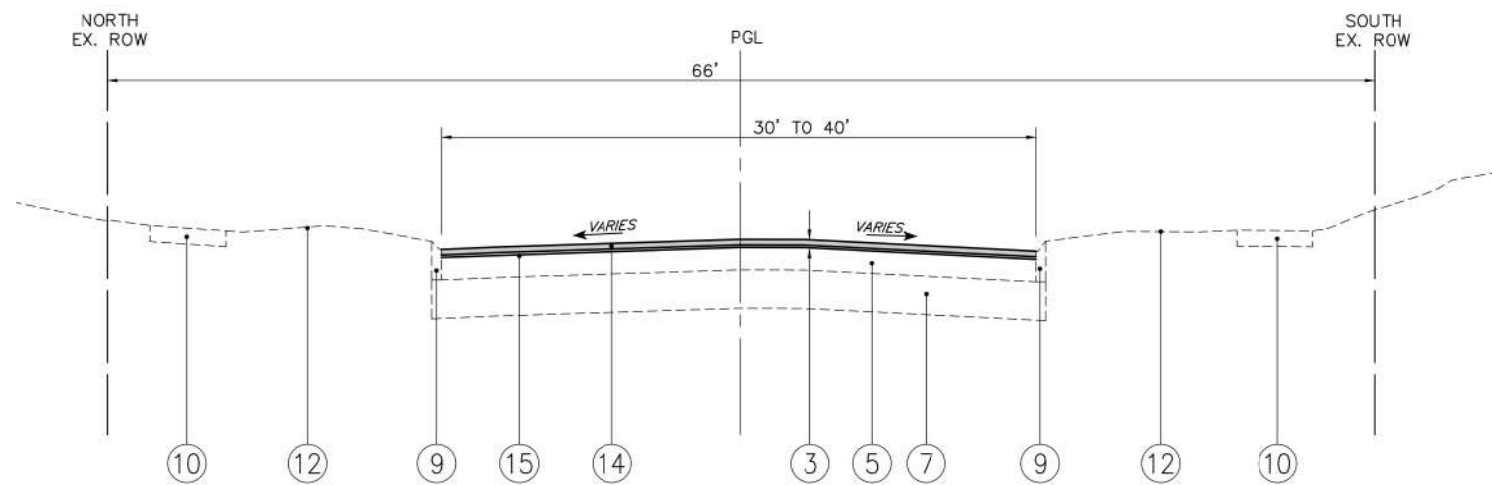
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N/A	SHEET NO. OF SHEETS	STA. TO STA.	FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			169	17-00027-00-R5	LAKE	63	8
						CONTRACT #: 61F69	
ILLINOIS FED. AID PROJECT							



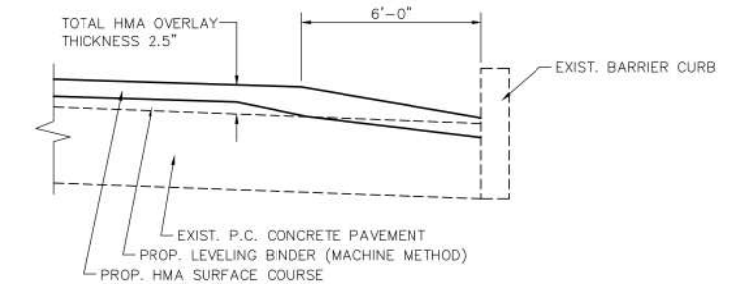
EXISTING TYPICAL SECTION
 STA. 10+00 - 13+00, GRAND AVENUE
 STA. 23+00 - 52+00, GRAND AVENUE



PROPOSED TYPICAL SECTION
 STA. 10+00 - 13+00, GRAND AVENUE
 STA. 23+00 - 52+00, GRAND AVENUE

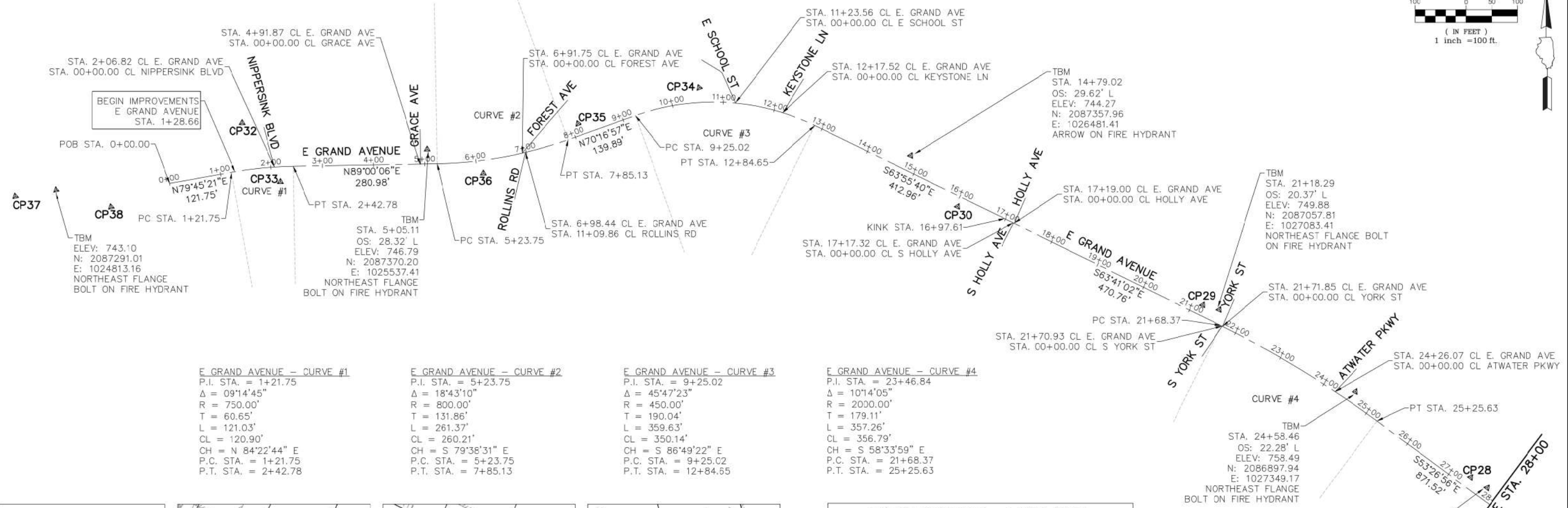
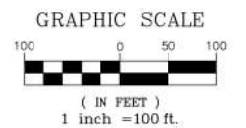
TYPICAL CROSS SECTION LEGEND

- | NO. | DESCRIPTION |
|----------------|---|
| ① | EXISTING HMA PAVEMENT, 13.5" |
| ② | EXISTING HMA PAVEMENT, 2"-13" |
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| ⑧ | EXISTING CONCRETE CURB & GUTTER, B6.12 |
| ⑨ | EXISTING BARRIER CURB |
| ⑩ | EXISTING SIDEWALK |
| ⑪ | EXISTING RETAINING WALL |
| ⑫ | EXISTING GROUND |
| ⑬ | HOT-MIX ASPHALT SURFACE REMOVAL, 2.5" |
| ⑭ | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1.75" |
| ⑮ | POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 0.75" |
| ⓧ ^R | ITEM TO BE REMOVED |



HMA TAPER AT EDGE OF PAVEMENT

FILE NAME = 4870160_DT1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			FAU. RTE. 169	SECTION 17-00027-00-R5	COUNTY LAKE	TOTAL SHEETS 63	SHEET NO. 9
		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS		SCALE N/A	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT #: 61F69		
		CHECKED - MGC	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 11.12.18	REVISED -									



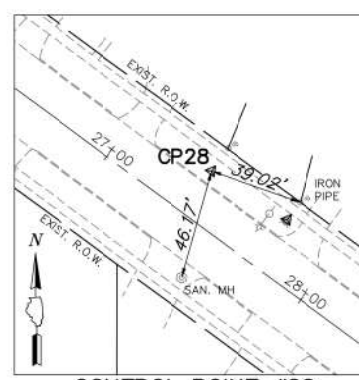
E GRAND AVENUE - CURVE #1
 P.I. STA. = 1+21.75
 $\Delta = 09^{\circ}14'45''$
 R = 750.00'
 T = 60.65'
 L = 121.03'
 CL = 120.90'
 CH = N 84°22'44" E
 P.C. STA. = 1+21.75
 P.T. STA. = 2+42.78

E GRAND AVENUE - CURVE #2
 P.I. STA. = 5+23.75
 $\Delta = 18^{\circ}43'10''$
 R = 800.00'
 T = 131.86'
 L = 261.37'
 CL = 260.21'
 CH = S 79°38'31" E
 P.C. STA. = 5+23.75
 P.T. STA. = 7+85.13

E GRAND AVENUE - CURVE #3
 P.I. STA. = 9+25.02
 $\Delta = 45^{\circ}47'23''$
 R = 450.00'
 T = 190.04'
 L = 359.63'
 CL = 350.14'
 CH = S 86°49'22" E
 P.C. STA. = 9+25.02
 P.T. STA. = 12+84.65

E GRAND AVENUE - CURVE #4
 P.I. STA. = 23+46.84
 $\Delta = 10^{\circ}14'05''$
 R = 2000.00'
 T = 179.11'
 L = 357.26'
 CL = 356.79'
 CH = S 58°33'59" E
 P.C. STA. = 21+68.37
 P.T. STA. = 25+25.63

ALIGNMENT COORDINATES - E GRAND AVENUE			
E GRAND AVENUE	STATION	NORTHING	EASTING
POB	0+00.00	2087303.82	1025035.48
PC	1+21.75	2087325.47	1025155.29
PT	2+42.78	2087337.31	1025275.61
PC	5+23.75	2087342.21	1025556.54
PT	7+85.13	2087388.99	1025812.51
PC	9+25.02	2087436.19	1025944.20
PT	12+84.65	2087416.78	1026293.80
POT KINK	16+97.61	2087235.28	1026664.74
PC	21+68.37	2087026.58	1027086.71
PT	25+25.63	2086840.52	1027391.14
POT MATCHLINE	28+00.00	2086677.12	1027611.54



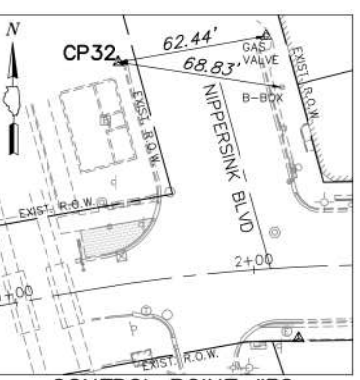
CONTROL POINT #28
 STATION 27+38.40 21.18' L
 SCALE: 1"=40'



CONTROL POINT #29
 STATION 21+18.29 20.37' L
 SCALE: 1"=40'



CONTROL POINT #30
 STATION 16+04.53 19.49' R
 SCALE: 1"=40'



CONTROL POINT #32
 STATION 1+55.48 90.91' L
 SCALE: 1"=40'



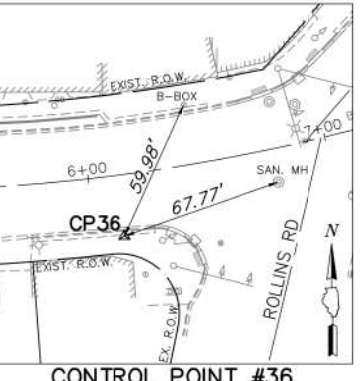
CONTROL POINT #33
 STATION 2+16.70 29.62 R
 SCALE: 1"=40'



CONTROL POINT #34
 STATION 10+53.81 28.69' L
 SCALE: 1"=40'



CONTROL POINT #35
 STATION 8+13.34 22.97' L
 SCALE: 1"=40'



CONTROL POINT #36
 STATION 6+12.04 25.53' R
 SCALE: 1"=40'

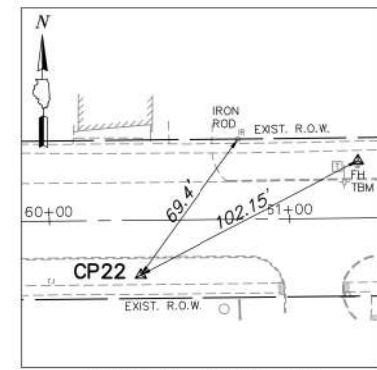
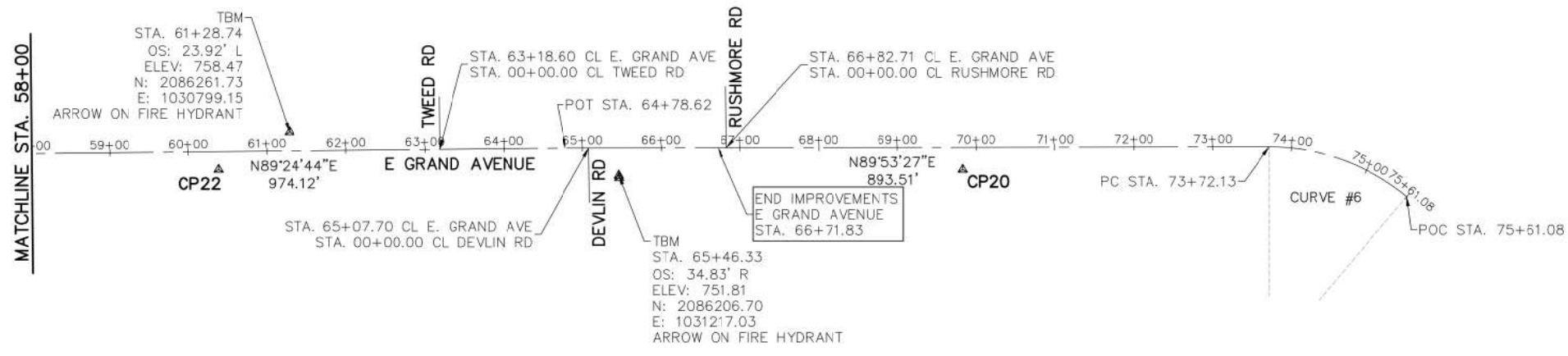
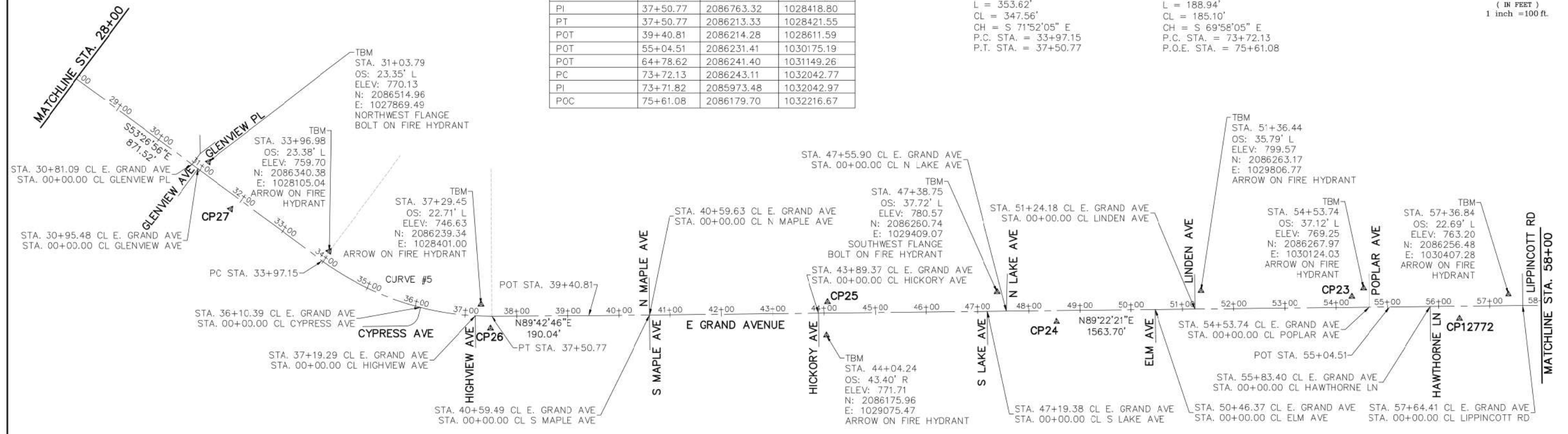
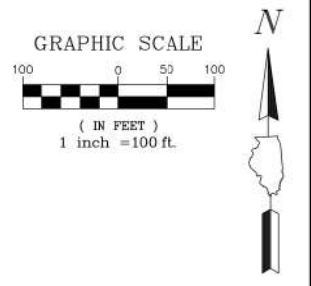
BENCHMARK:
 LAKE COUNTY BENCH MARK 3-44
 CUT SQUARE AT SOUTHWEST BRIDGE DECK CORNER.
 ELEVATION: 748.58 NAVD 29

Control Point Table				
Point #	Northing	Easting	Elevation	Description
28	2086730.82	1027574.67	764.11	CP28-MAG
29	2087067.05	1027050.85	748.29	CP29-MAG
30	2087258.69	1026572.57	742.72	CP30-IR/CAP
32	2087421.79	1025176.34	745.98	CP32-FIR
33	2087306.82	1025251.09	744.93	CP33-FXSW
34	2087490.46	1026068.31	742.00	CP34-IR/CAP
35	2087420.30	1025831.79	740.87	CP35-IR/CAP
36	2087323.28	1025647.80	742.18	CP36-XSW
37	2087278.66	1024733.63	741.97	CP37-XSW
38	2087257.75	1024920.68	740.49	CP38-MAG

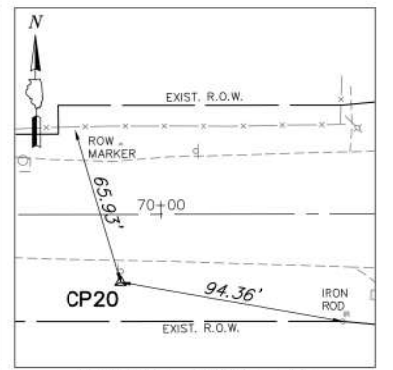
ALIGNMENT COORDINATES - E GRAND AVENUE			
E GRAND AVENUE	STATION	NORTHING	EASTING
POT MATCHLINE	28+00.00	2086677.12	1027611.54
PC	33+97.15	2086321.49	1028091.25
PI	37+50.77	2086763.32	1028418.80
PT	37+50.77	2086213.33	1028421.55
POT	39+40.81	2086214.28	1028611.59
POT	55+04.51	2086231.41	1030175.19
POT	64+78.62	2086241.40	1031149.26
PC	73+72.13	2086243.11	1032042.77
PI	73+71.82	2085973.48	1032042.97
POC	75+61.08	2086179.70	1032216.67

E GRAND AVENUE - CURVE #5
 P.I. STA. = 37+50.77
 $\Delta = 36^{\circ}50'18''$
 R = 550.00'
 T = 183.17'
 L = 353.62'
 CL = 347.56'
 CH = S 71°52'05" E
 P.C. STA. = 33+97.15
 P.T. STA. = 37+50.77

E GRAND AVENUE - CURVE #6
 P.I. STA. = 73+71.82
 $\Delta = 40^{\circ}09'00''$
 R = 269.63'
 T = 98.54'
 L = 188.94'
 CL = 185.10'
 CH = S 69°58'05" E
 P.C. STA. = 73+72.13
 P.O.E. STA. = 75+61.08

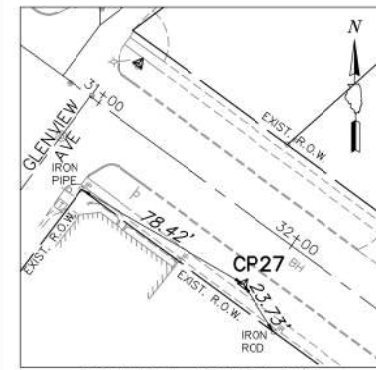


CONTROL POINT #22
 STATION 60+37.91 22.83' R
 SCALE: 1"=40'

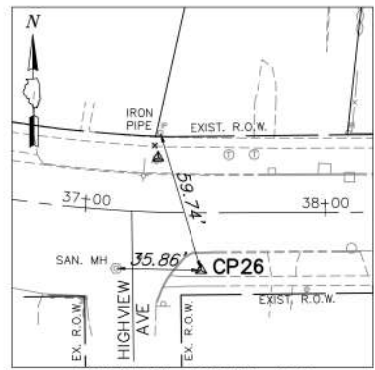


CONTROL POINT #20
 STATION 69+82.90 28.21' R
 SCALE: 1"=40'

BENCHMARK:
 LAKE COUNTY BENCH MARK 3-44
 CUT SQUARE AT SOUTHWEST BRIDGE DECK CORNER.
 ELEVATION: 748.58 NAVD 29



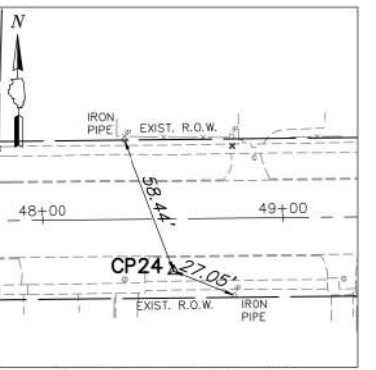
CONTROL POINT #27
 STATION 31+93.46 24.74' R
 SCALE: 1"=40'



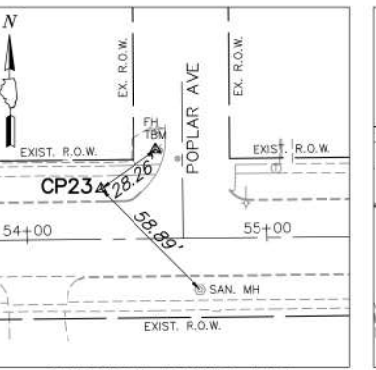
CONTROL POINT #26
 STATION 37+48.32 23.85' R
 SCALE: 1"=40'



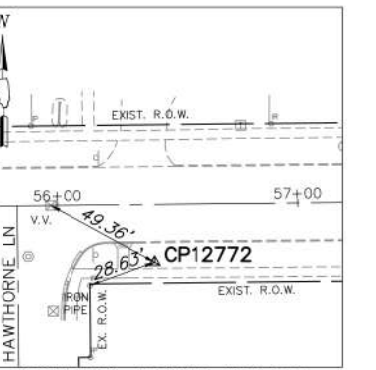
CONTROL POINT #25
 STATION 44+06.96 21.68' L
 SCALE: 1"=40'



CONTROL POINT #24
 STATION 48+54.27 21.71' R
 SCALE: 1"=40'



CONTROL POINT #23
 STATION 54+30.85 20.96' L
 SCALE: 1"=40'



CONTROL POINT #12772
 STATION 56+40.32 24.15' R
 SCALE: 1"=40'

Control Point Table				
Point #	Northing	Easting	Elevation	Description
20	2086214.16	1031653.58	738.79	CP20-IR/CAP
22	2085214.05	1030708.80	757.51	CP22-MAG
23	2085251.56	1030101.31	767.60	CP23-IR/CAP
24	2086202.58	1029525.23	780.75	CP24-IR/CAP
25	2085241.07	1029077.47	768.12	CP25-IR/CAP
26	2086189.47	1028419.12	746.44	CP26-IR/CAP
27	2086422.92	1027912.89	767.01	CP27-IR/CAP
12772	2086208.65	1030311.25	763.08	CP12772-MAG

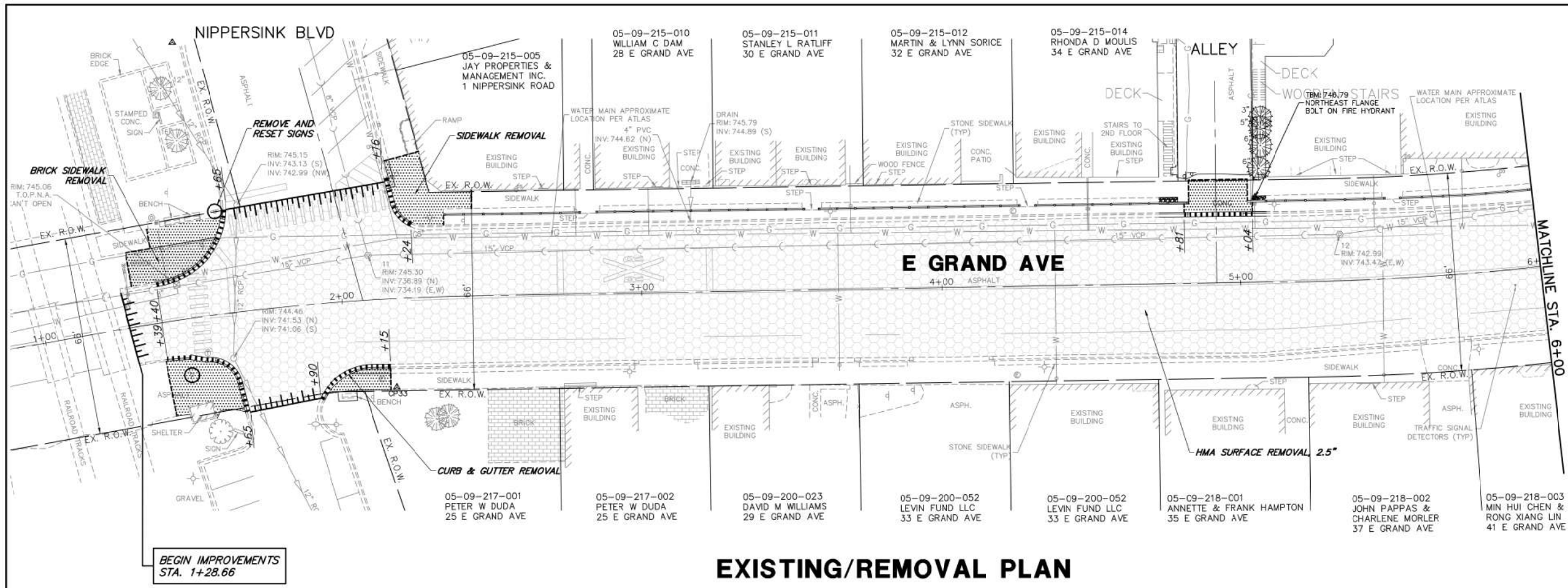
FILE NAME = 4870160_PR1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS
	PLOT SCALE = 1:20	CHECKED - MGC	REVISED -
	PLOT DATE = 2/8/2019 2:32 PM	DATE - 11.12.18	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BECHMARKS
 GRAND AVENUE RESURFACING**

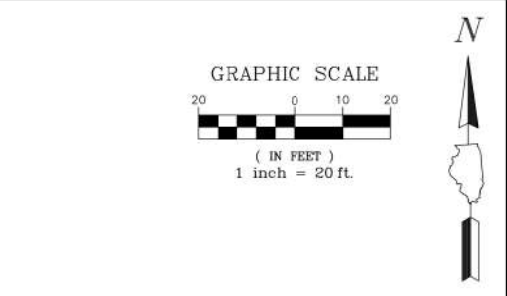
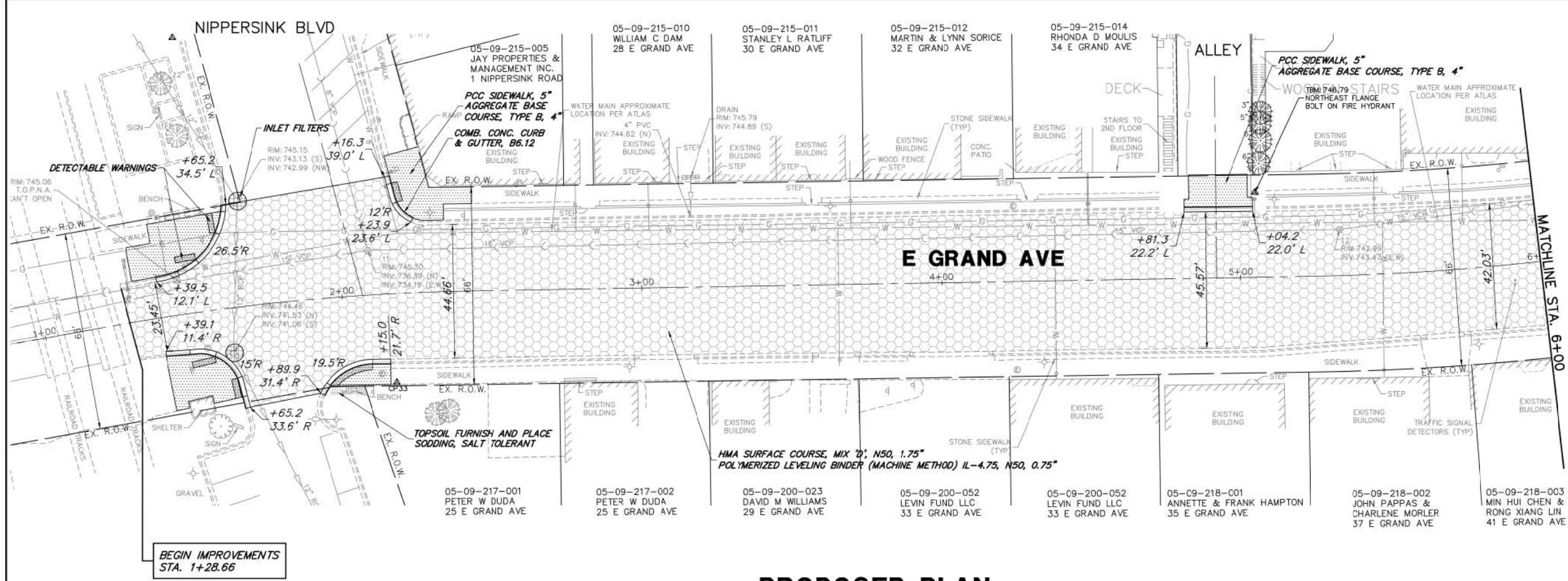
SCALE 1"=100' SHEET NO. OF SHEETS STA. TO STA.

FAU RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	11
CONTRACT #			61F69	
ILLINOIS FED. AID PROJECT				



- ### REMOVAL LEGEND
- DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL
 - PAVEMENT REMOVAL
 - CLASS D PATCHES
 - SIDEWALK REMOVAL
 - CONCRETE REMOVAL
 - STRUCTURE TO BE ADJUSTED
 - STRUCTURE TO BE REMOVED
 - UTILITY TO BE REMOVED
 - STRUCTURE REMOVAL
 - TREE/SHRUB REMOVAL
 - REMOVE AND RESET STREET SIGN
 - COMBINATION CURB AND GUTTER REMOVAL
 - HMA SURFACE REMOVAL - BUTT JOINT
 - PAVEMENT SAWCUT
 - TREE TRUNK PROTECTION FENCE

EXISTING/REMOVAL PLAN



- ### PROPOSED LEGEND
- HMA RESURFACING, 1.75"
 - HMA DRIVEWAY PAVEMENT, 8"
 - PCC SIDEWALK, 5"
 - PAVEMENT WIDENING, 1.75"
 - CLASS D PATCHES, 13 INCH
 - DETECTABLE WARNINGS
 - COMB. CONC. CURB & GUTTER, TYPE B6.12
 - TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT
 - INLET FILTERS

PROPOSED PLAN

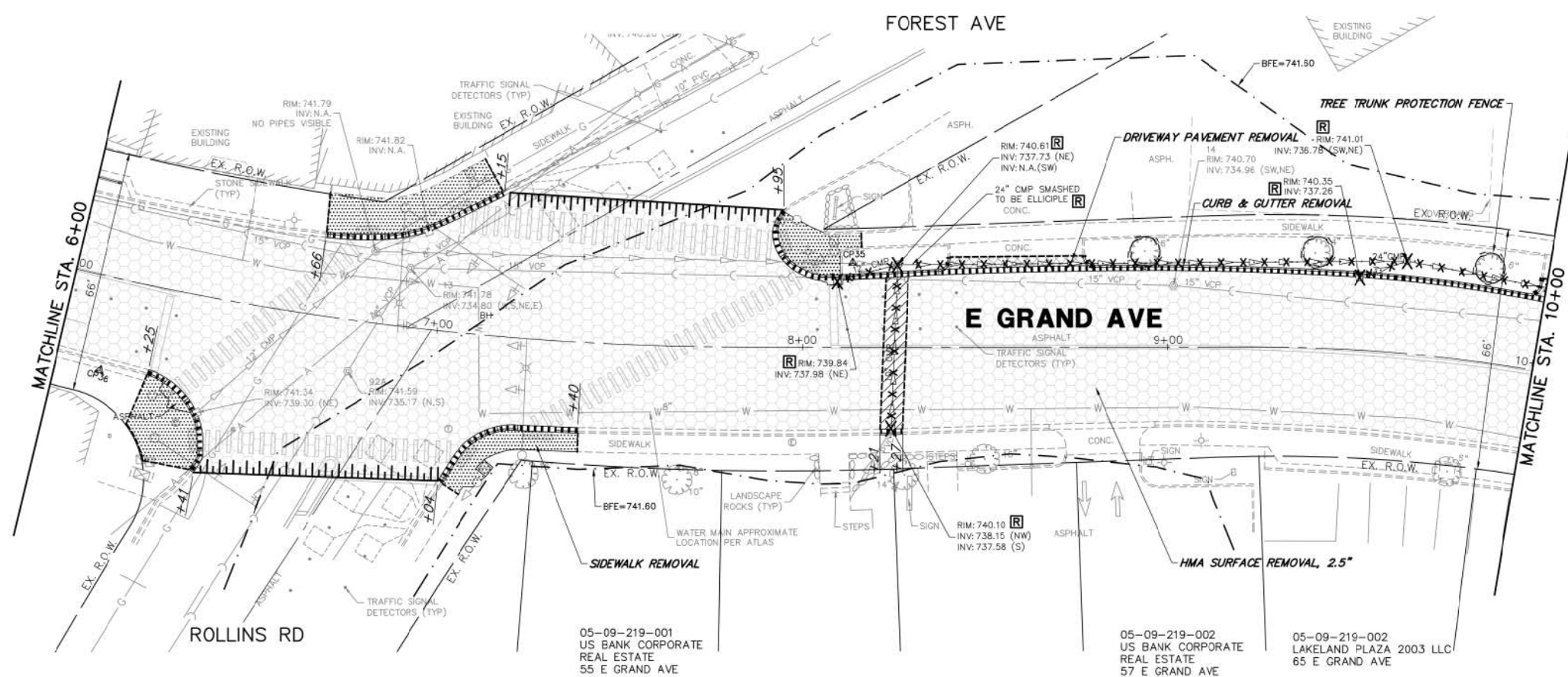
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 USER NAME = MARK COBB
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DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS
DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS
CHECKED - MGC	REVISED -
DATE - 11.12.18	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

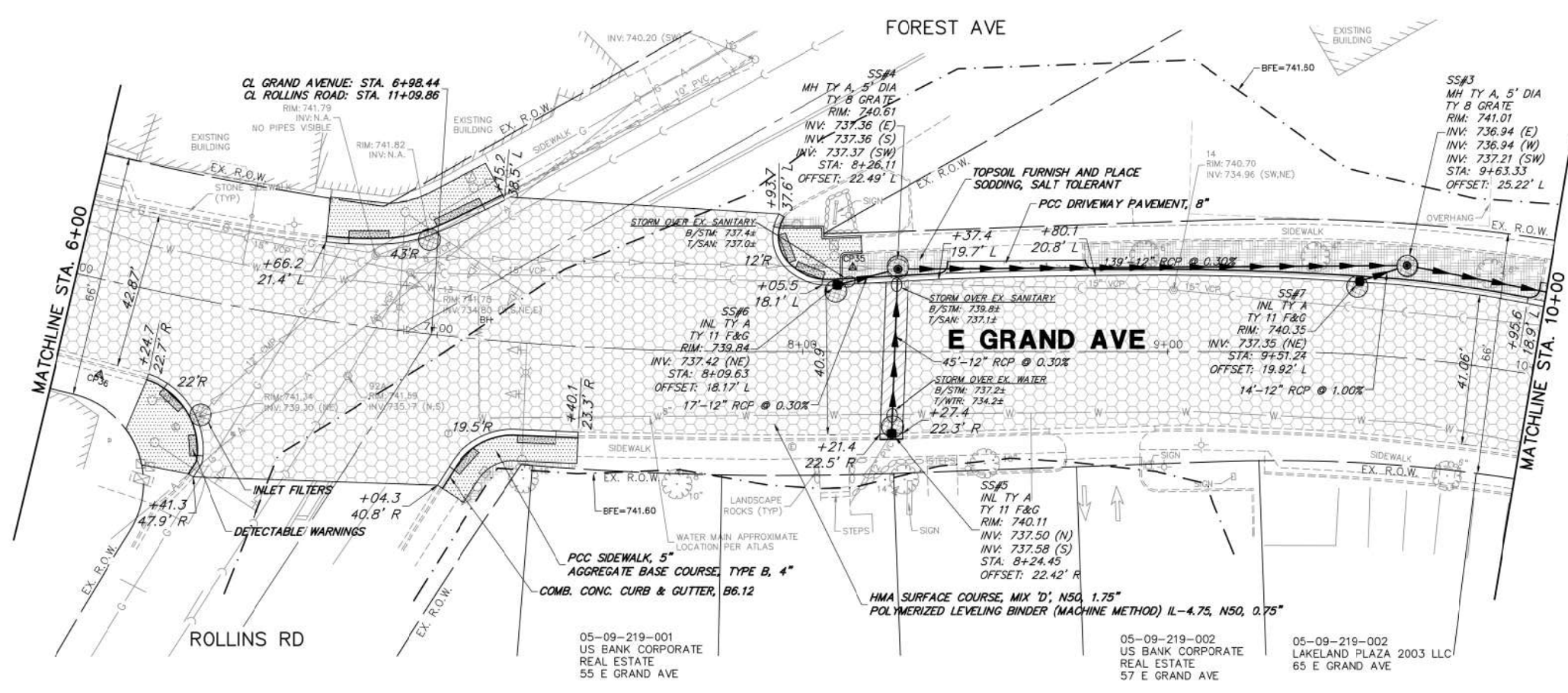
EXISTING CONDITIONS/PROPOSED PLAN	
SCALE 1"=20'	SHEET NO. OF SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	12
CONTRACT #			61F69	
ILLINOIS FED. AID PROJECT				



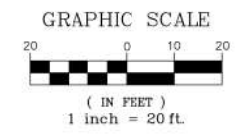
EXISTING/REMOVAL PLAN

- REMOVAL LEGEND**
- DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL
 - PAVEMENT REMOVAL
 - CLASS D PATCHES
 - SIDEWALK REMOVAL
 - CONCRETE REMOVAL
 - STRUCTURE TO BE ADJUSTED
 - STRUCTURE TO BE REMOVED
 - UTILITY TO BE REMOVED
 - STRUCTURE REMOVAL
 - TREE/SHRUB REMOVAL
 - REMOVE AND RESET STREET SIGN
 - COMBINATION CURB AND GUTTER REMOVAL
 - HMA SURFACE REMOVAL - BUTT JOINT
 - PAVEMENT SAWCUT
 - TREE TRUNK PROTECTION FENCE

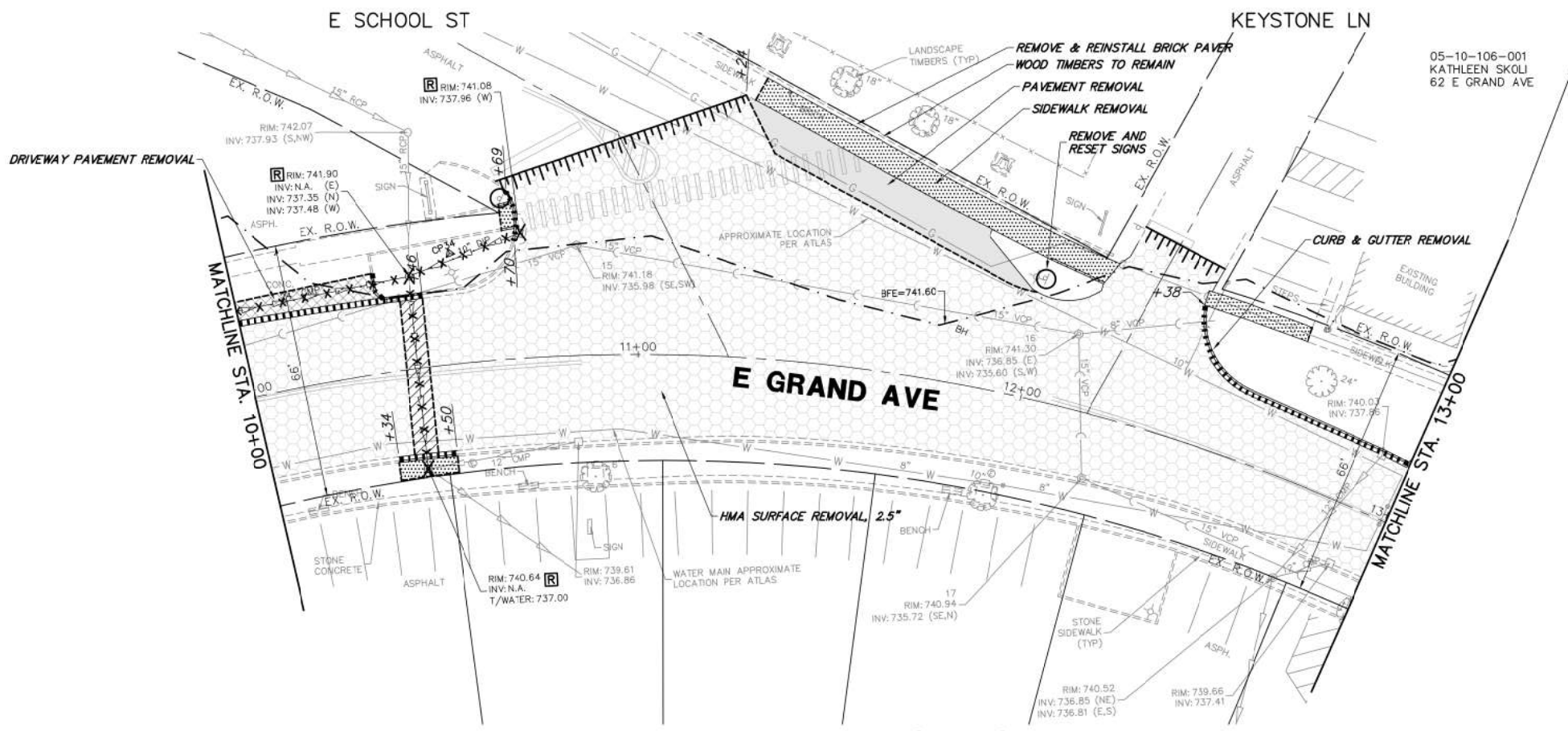


PROPOSED PLAN

- PROPOSED LEGEND**
- HMA RESURFACING, 1.75"
 - HMA DRIVEWAY PAVEMENT, 8"
 - PCC SIDEWALK, 5"
 - PAVEMENT WIDENING, 1.75"
 - CLASS D PATCHES, 13 INCH
 - DETECTABLE WARNINGS
 - COMB. CONC. CURB & GUTTER, TYPE B6.12
 - TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT
 - INLET FILTERS
 - PCC DRIVEWAY PAVEMENT, 8"

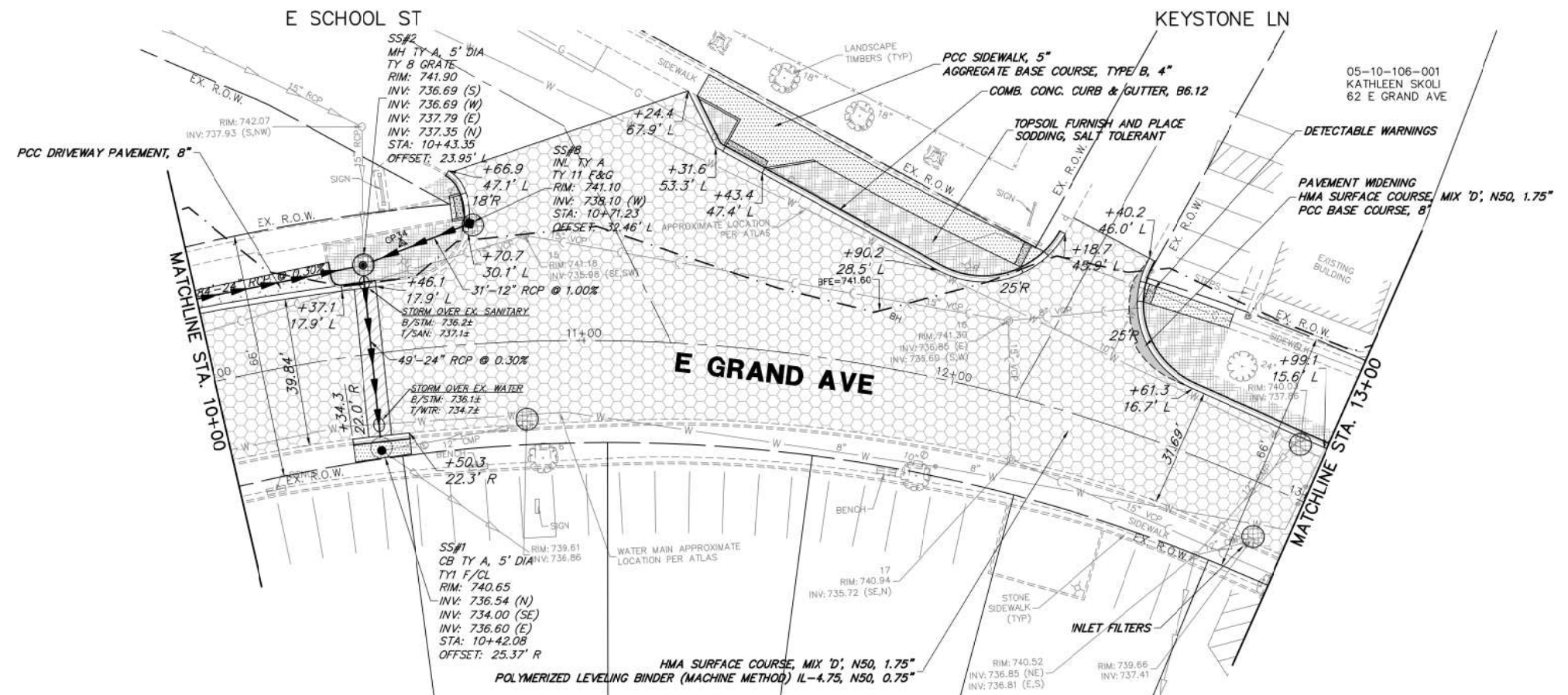


FILE NAME = 4870160_PR1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS/PROPOSED PLAN			FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS		SCALE: 1"=20'	SHEET NO.	OF SHEETS	STA.	TO STA.	169	17-00027-00-R5	LAKE	63	13
		CHECKED - MGC	REVISED -											
		DATE = 11.12.18	REVISED -											

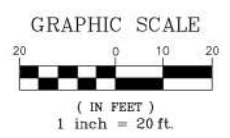


EXISTING/REMOVAL PLAN

- REMOVAL LEGEND**
- DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL
 - PAVEMENT REMOVAL
 - CLASS D PATCHES
 - SIDEWALK REMOVAL
 - CONCRETE REMOVAL
 - STRUCTURE TO BE ADJUSTED
 - STRUCTURE TO BE REMOVED
 - UTILITY TO BE REMOVED
 - STRUCTURE REMOVAL
 - TREE/SHRUB REMOVAL
 - REMOVE AND RESET STREET SIGN
 - COMBINATION CURB AND GUTTER REMOVAL
 - HMA SURFACE REMOVAL - BUTT JOINT
 - PAVEMENT SAWCUT
 - TREE TRUNK PROTECTION FENCE



PROPOSED PLAN



- PROPOSED LEGEND**
- HMA RESURFACING, 1.75"
 - HMA DRIVEWAY PAVEMENT, 8"
 - PCC SIDEWALK, 5"
 - PAVEMENT WIDENING, 1.75"
 - CLASS D PATCHES, 13 INCH
 - DETECTABLE WARNINGS
 - COMB. CONC. CURB & GUTTER, TYPE B6.12
 - TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT
 - INLET FILTERS
 - PCC DRIVEWAY PAVEMENT, 8"

FILE NAME = 4870160_PR1.dwg
 USER NAME = MARK COBB
 PLOT SCALE = 1:20
 PLOT DATE = 2/8/2019 2:28 PM

DESIGNED - KLB
 DRAWN - GHA
 CHECKED - MGC
 DATE - 11.12.18

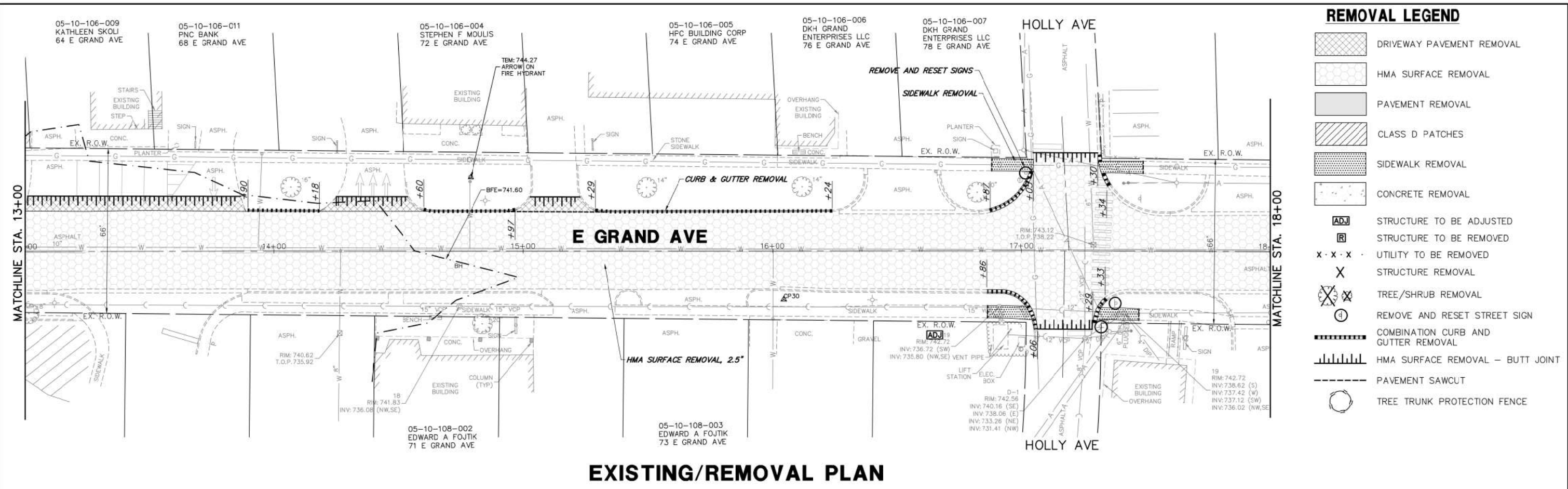
REVISED - 01.14.19 PER IDOT COMMENTS
 REVISED - 02.08.19 PER IDOT COMMENTS
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS/PROPOSED PLAN
 SCALE: 1"=20'
 SHEET NO. OF SHEETS STA. TO STA.

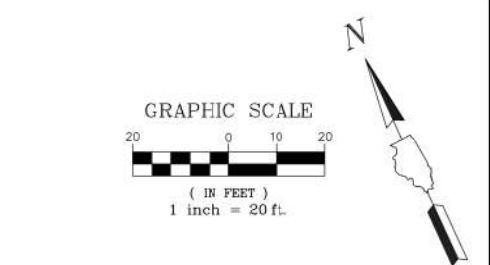
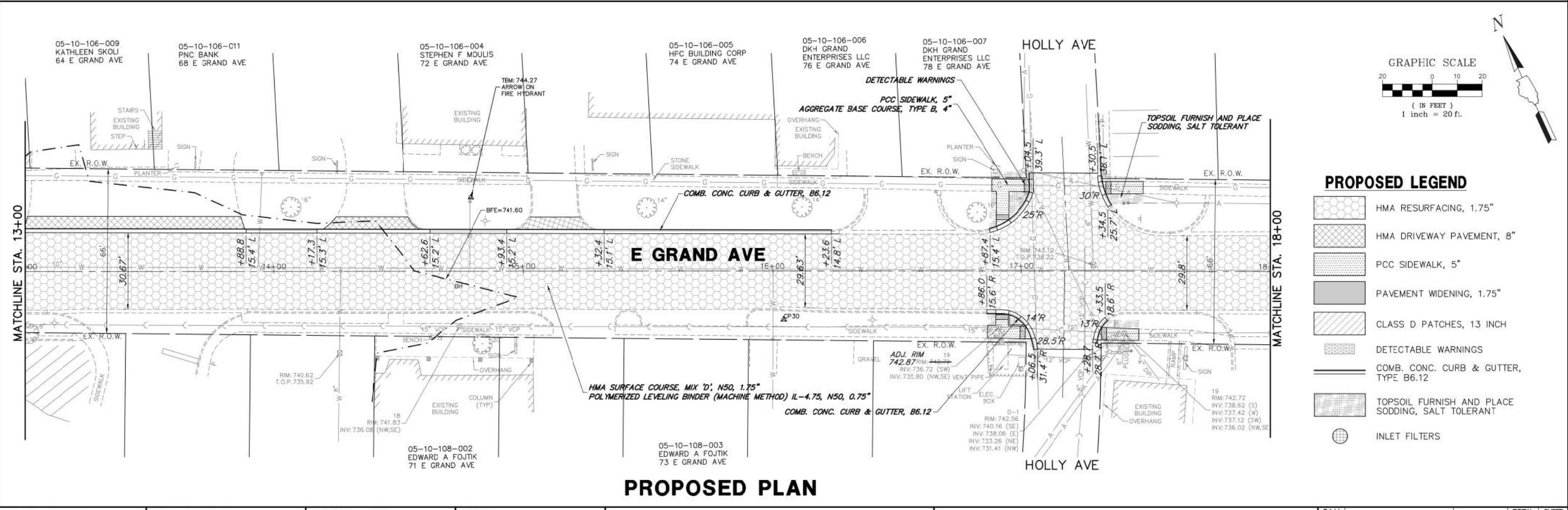
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	14

CONTRACT # 61F69
 ILLINOIS FED. AID PROJECT



- ### REMOVAL LEGEND
- DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL
 - PAVEMENT REMOVAL
 - CLASS D PATCHES
 - SIDEWALK REMOVAL
 - CONCRETE REMOVAL
 - STRUCTURE TO BE ADJUSTED
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 - REMOVE AND RESET STREET SIGN
 - COMBINATION CURB AND GUTTER REMOVAL
 - HMA SURFACE REMOVAL - BUTT JOINT
 - PAVEMENT SAWCUT
 - TREE TRUNK PROTECTION FENCE

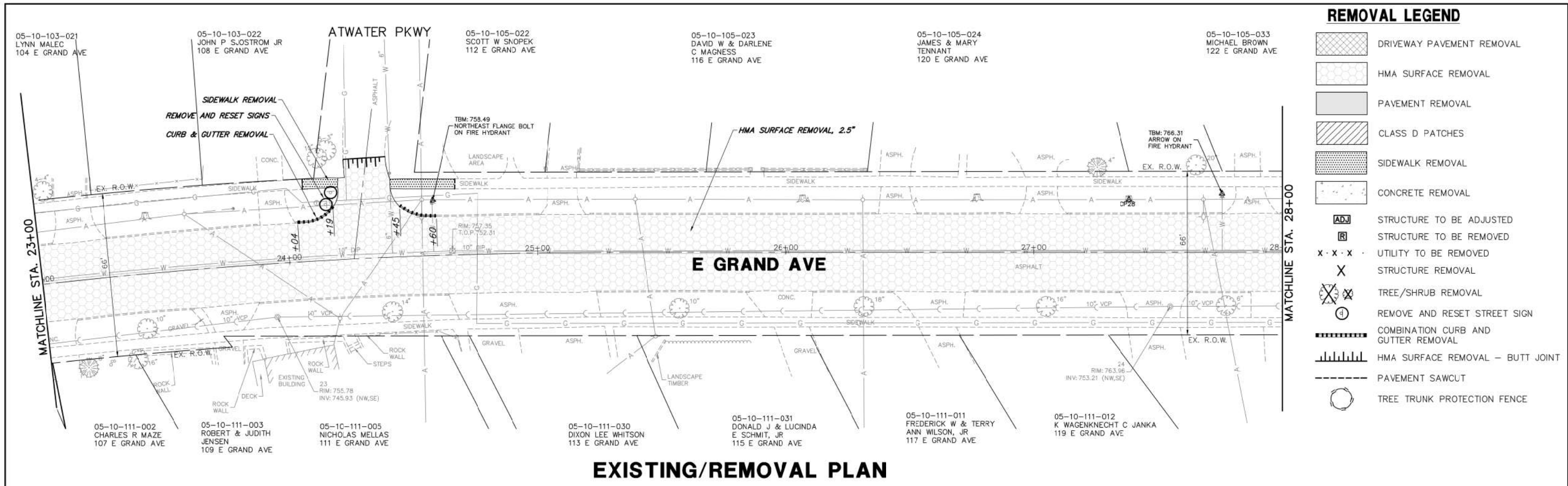
EXISTING/REMOVAL PLAN



- ### PROPOSED LEGEND
- HMA RESURFACING, 1.75"
 - HMA DRIVEWAY PAVEMENT, 8"
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 - DETECTABLE WARNINGS
 - COMB. CONC. CURB & GUTTER, TYPE B6.12
 - TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT
 - INLET FILTERS

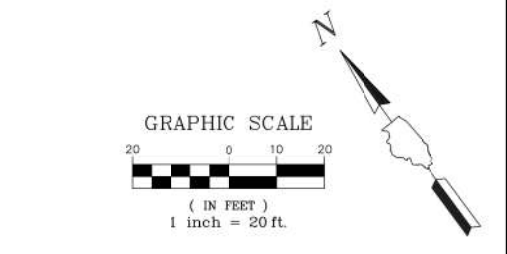
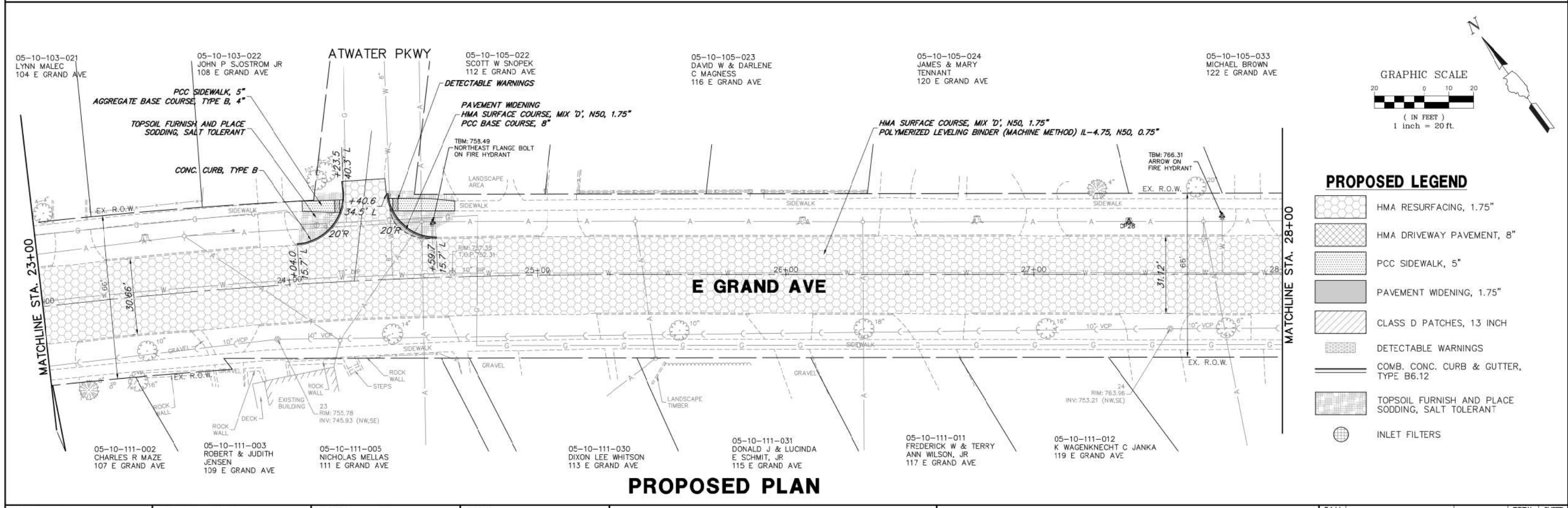
PROPOSED PLAN

FILE NAME = 4870160_PR1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS/PROPOSED PLAN			FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:20	DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS					169	17-00027-00-R5	LAKE	63	15
PLOT DATE = 2/8/2019 2:27 PM	CHECKED - MGC	DATE - 11.12.18	REVISED -	SCALE 1"=20'			SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT # 61F69 ILLINOIS FED. AID PROJECT	



- ### REMOVAL LEGEND
- DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL
 - PAVEMENT REMOVAL
 - CLASS D PATCHES
 - SIDEWALK REMOVAL
 - CONCRETE REMOVAL
 - STRUCTURE TO BE ADJUSTED
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 - HMA SURFACE REMOVAL - BUTT JOINT
 - PAVEMENT SAWCUT
 - TREE TRUNK PROTECTION FENCE

EXISTING/REMOVAL PLAN

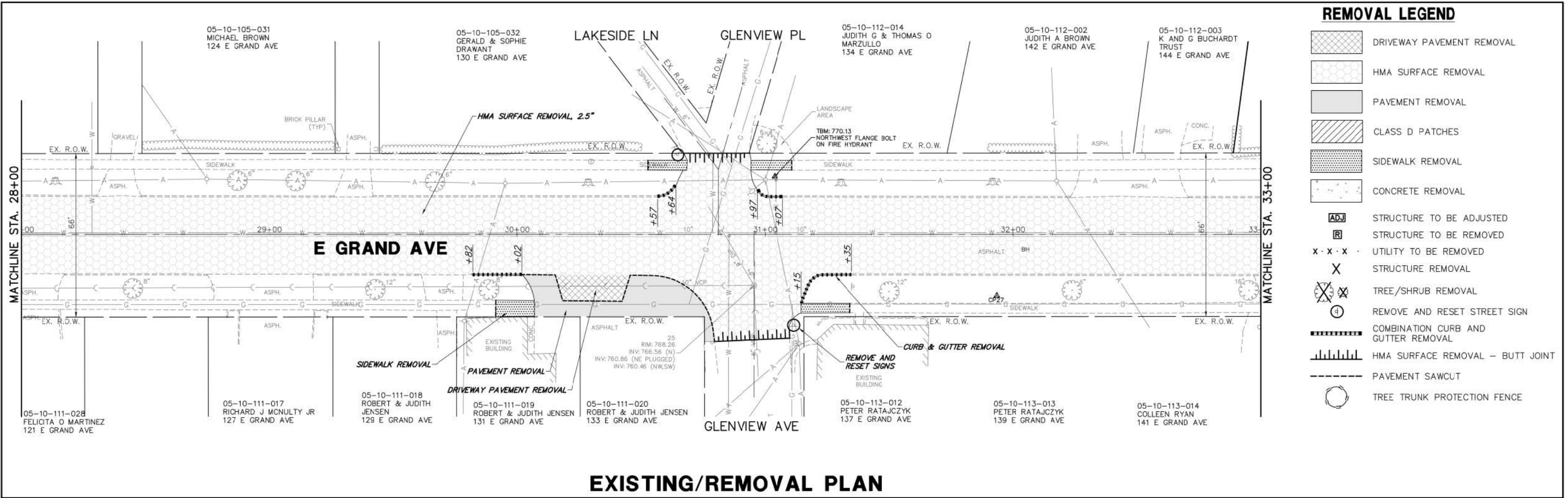


- ### PROPOSED LEGEND
- HMA RESURFACING, 1.75"
 - HMA DRIVEWAY PAVEMENT, 8"
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 - INLET FILTERS

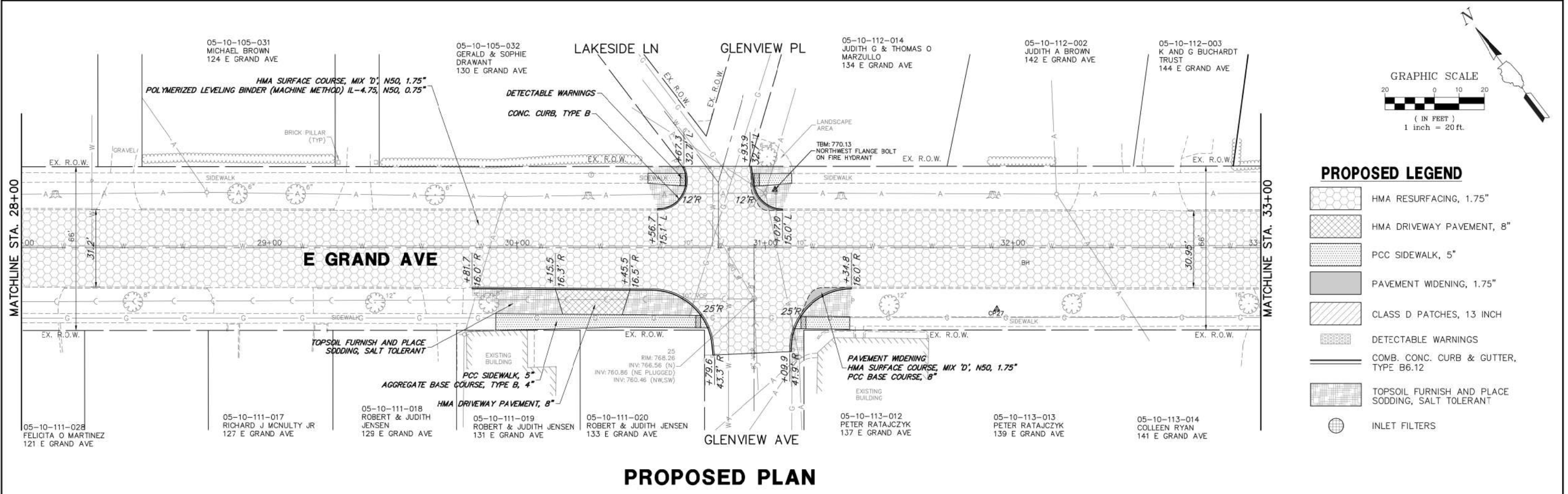
PROPOSED PLAN

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		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS		SCALE: 1"=20'	SHEET NO.	OF SHEETS	STA.	TO STA.	169	17-00027-00-R5	LAKE	63	17
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CONTRACT #:	61F69
ILLINOIS FED. AID PROJECT	

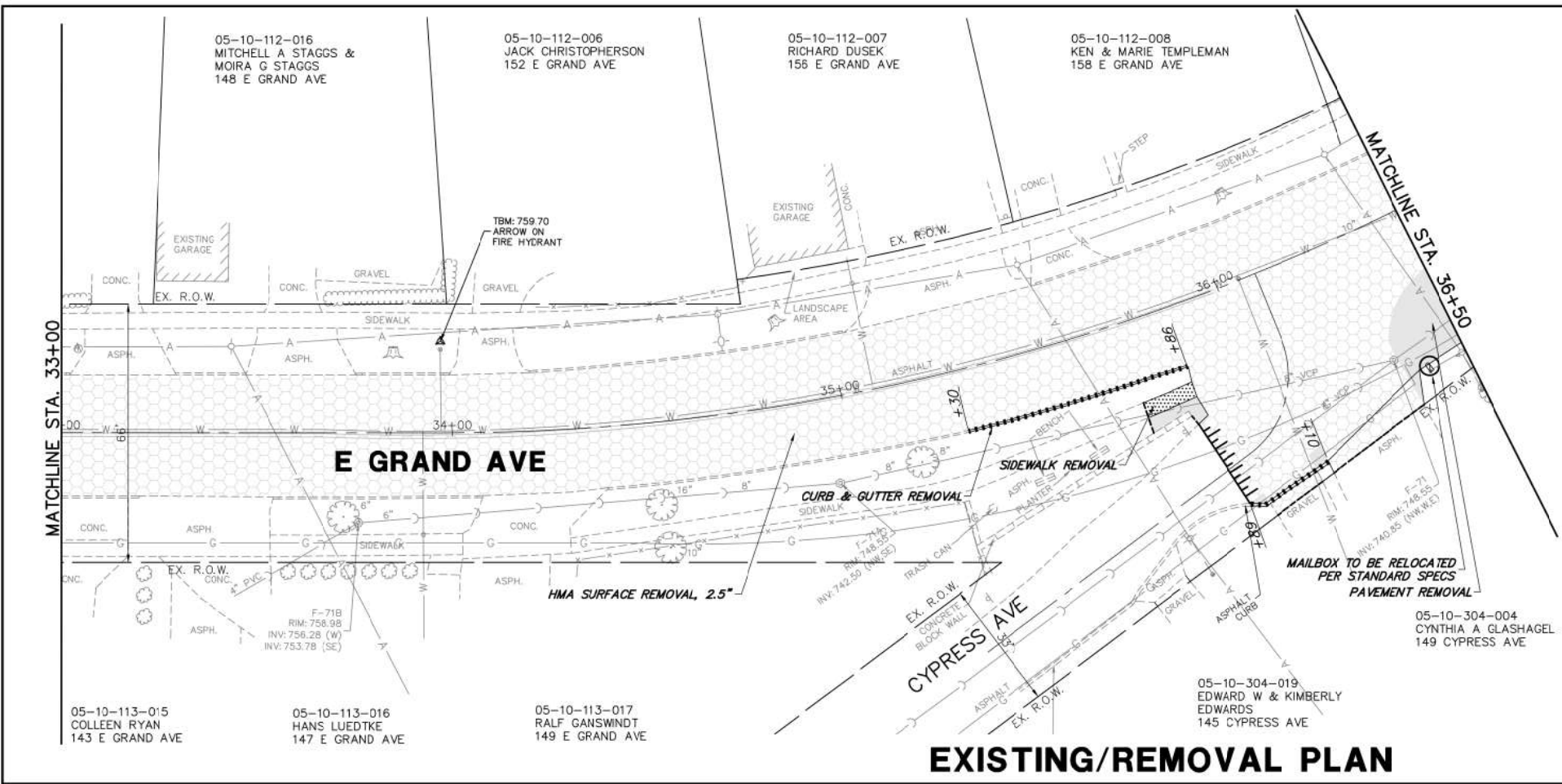


EXISTING/REMOVAL PLAN



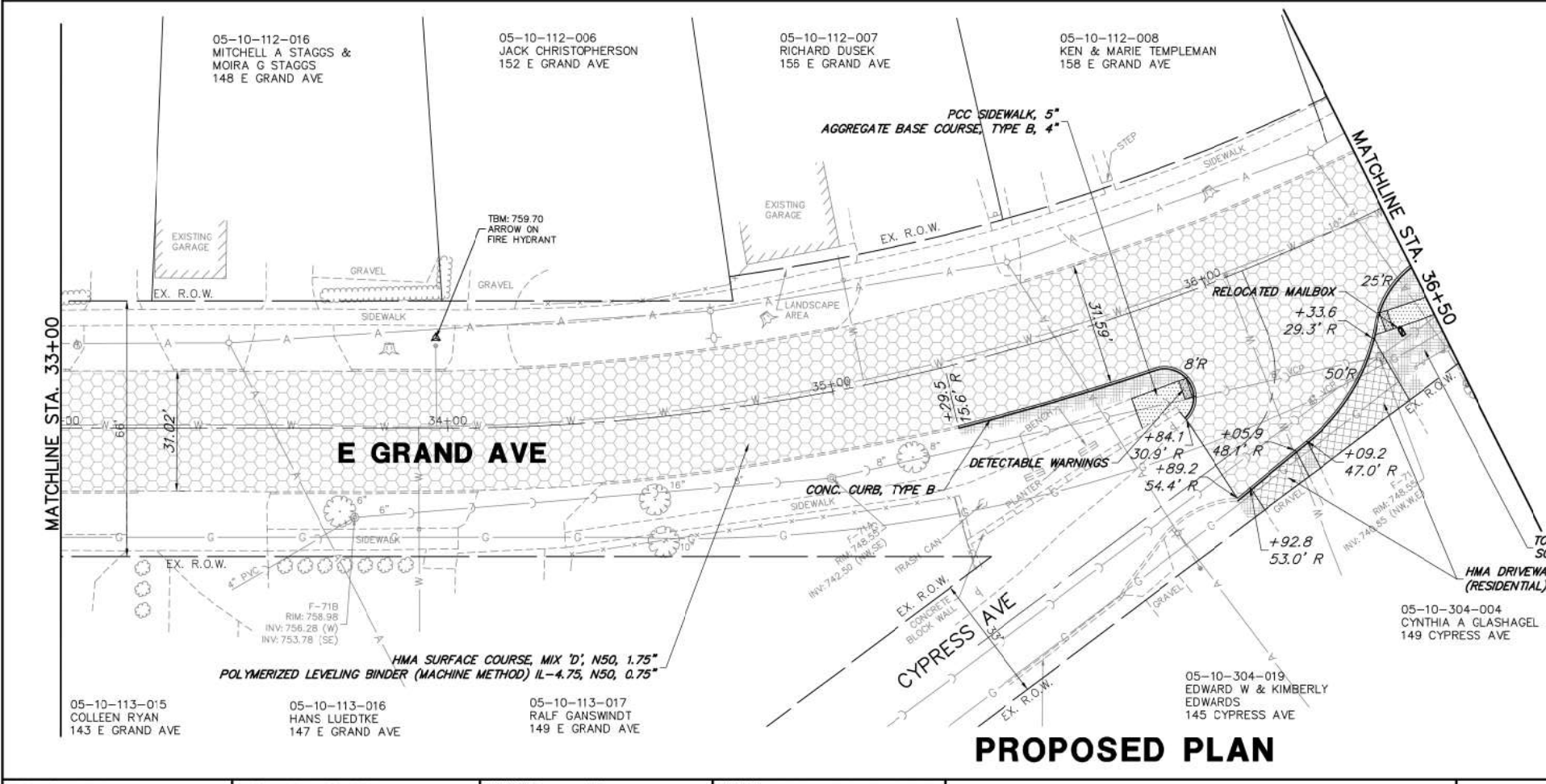
PROPOSED PLAN

FILE NAME = 4870.160_PR1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS/PROPOSED PLAN			FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS					169	17-00027-00-R5	LAKE	63	18
PLOT SCALE = 1:20		CHECKED - MGC	REVISED -		SCALE: 1"=20'			SHEET NO. OF SHEETS STA. TO STA.		CONTRACT # 61F69		
PLOT DATE = 2/8/2019 2:25 PM		DATE - 11.12.18	REVISED -		ILLINOIS FED. AID PROJECT							



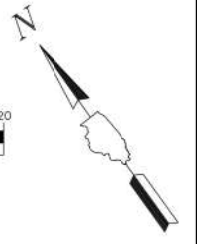
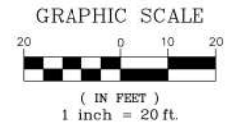
EXISTING/REMOVAL PLAN

- REMOVAL LEGEND**
- DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL
 - PAVEMENT REMOVAL
 - CLASS D PATCHES
 - SIDEWALK REMOVAL
 - CONCRETE REMOVAL
 - STRUCTURE TO BE ADJUSTED
 - STRUCTURE TO BE REMOVED
 - UTILITY TO BE REMOVED
 - STRUCTURE REMOVAL
 - TREE/SHRUB REMOVAL
 - REMOVE AND RESET STREET SIGN
 - COMBINATION CURB AND GUTTER REMOVAL
 - HMA SURFACE REMOVAL - BUTT JOINT
 - PAVEMENT SAWCUT
 - TREE TRUNK PROTECTION FENCE



PROPOSED PLAN

- PROPOSED LEGEND**
- HMA RESURFACING, 1.75"
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 - INLET FILTERS

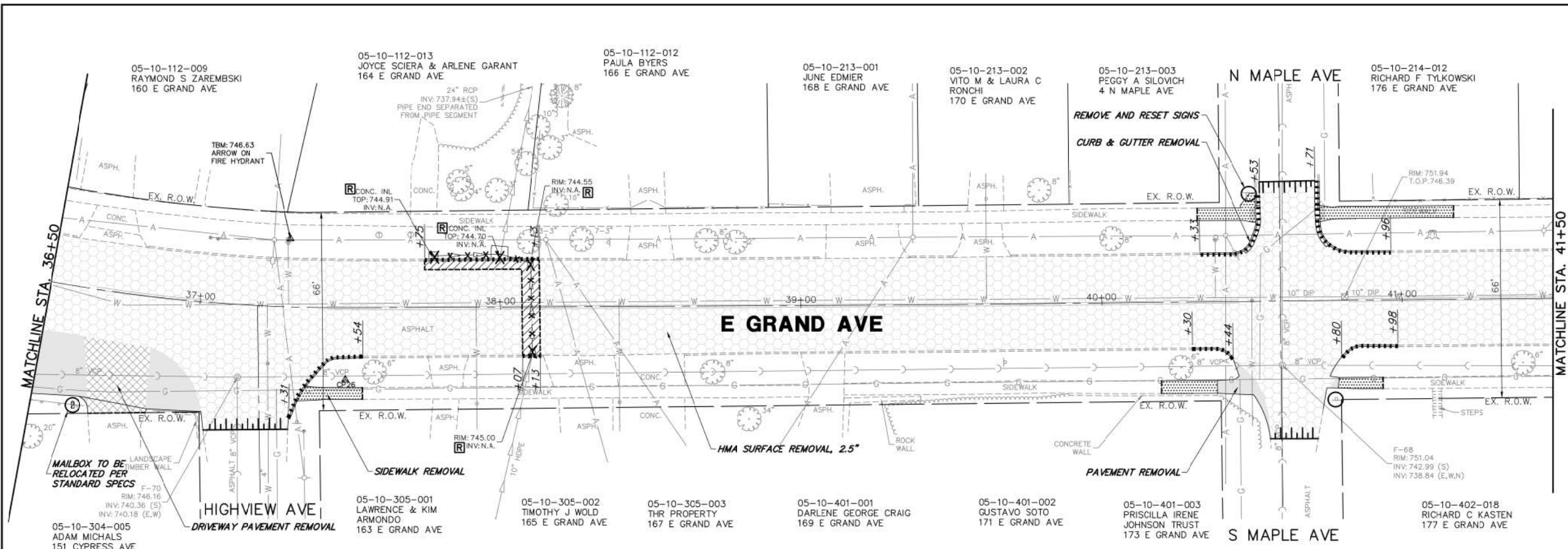


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

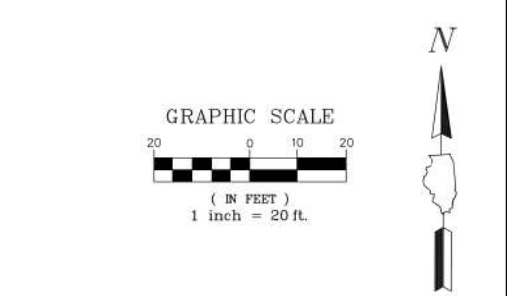
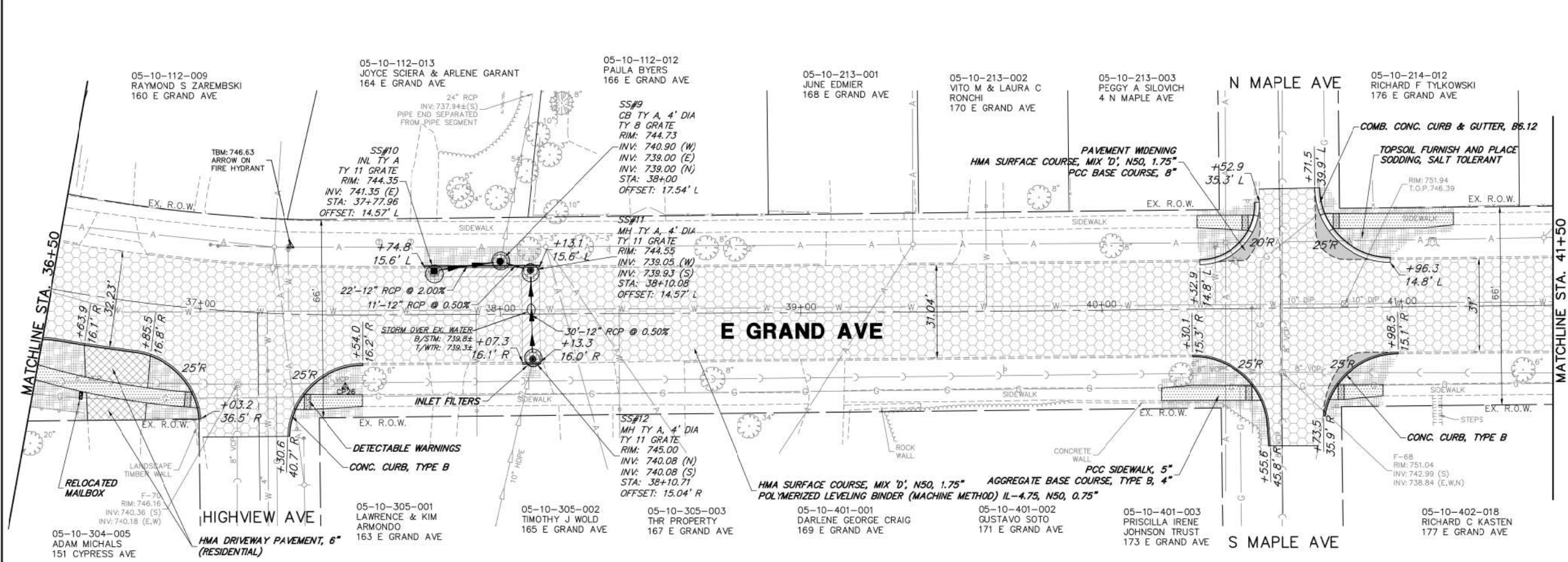
EXISTING CONDITIONS/PROPOSED PLAN			
SCALE 1"=20'	SHEET NO.	OF SHEETS	STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	19
CONTRACT #			61F69	
ILLINOIS FED. AID PROJECT				



- ### REMOVAL LEGEND
- DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL
 - PAVEMENT REMOVAL
 - CLASS D PATCHES
 - SIDEWALK REMOVAL
 - CONCRETE REMOVAL
 - STRUCTURE TO BE ADJUSTED
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EXISTING/REMOVAL PLAN



- ### PROPOSED LEGEND
- HMA RESURFACING, 1.75"
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PROPOSED PLAN

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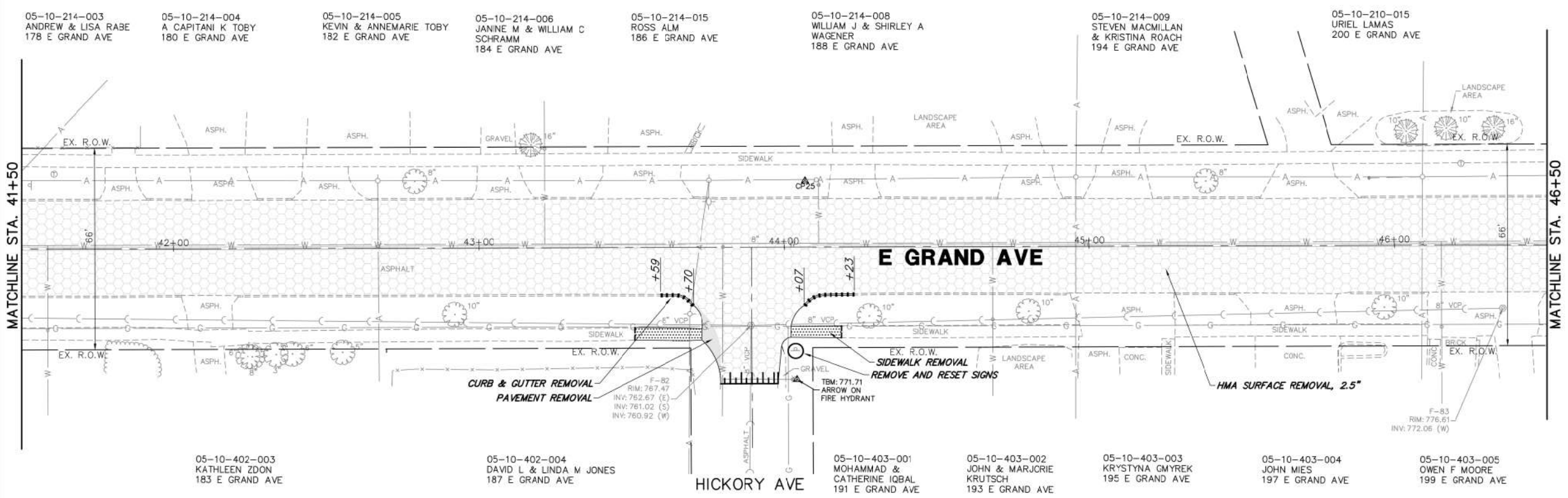
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 DRAWN - GHA
 CHECKED - MGC
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REVISED - 01.14.19 PER IDOT COMMENTS
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

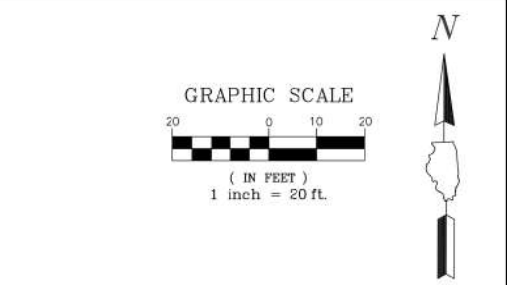
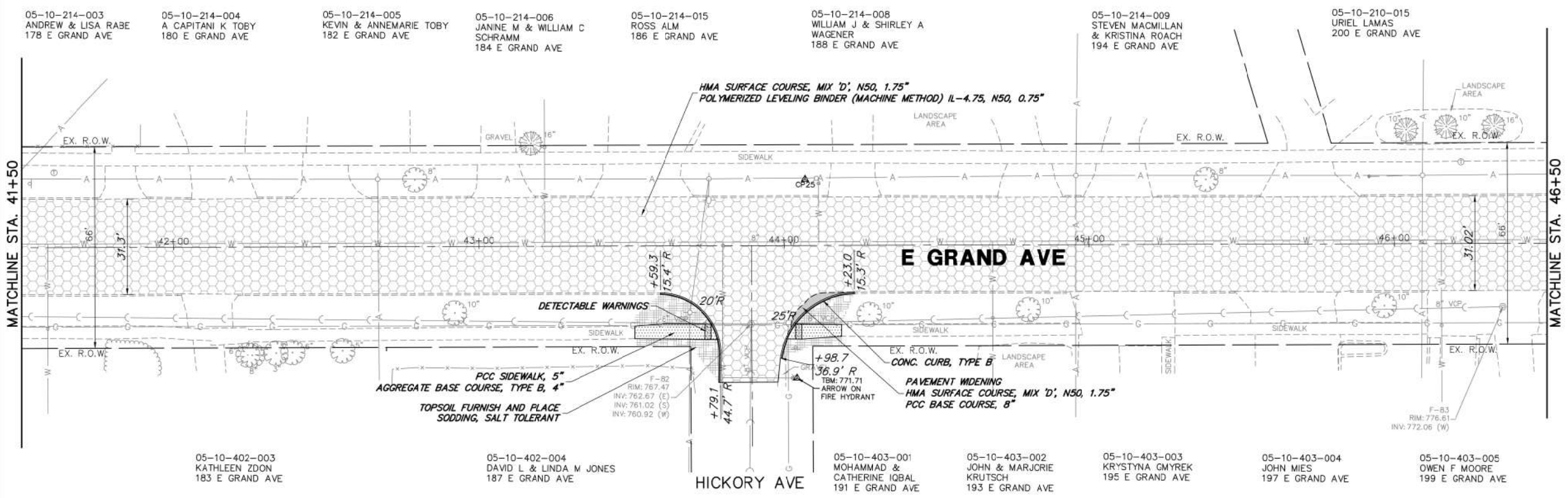
EXISTING CONDITIONS/PROPOSED PLAN
 SCALE 1"=20'
 SHEET NO. OF SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	20
CONTRACT #			61F69	
ILLINOIS FED. AID PROJECT				



- ### REMOVAL LEGEND
- DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL
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 - TREE TRUNK PROTECTION FENCE

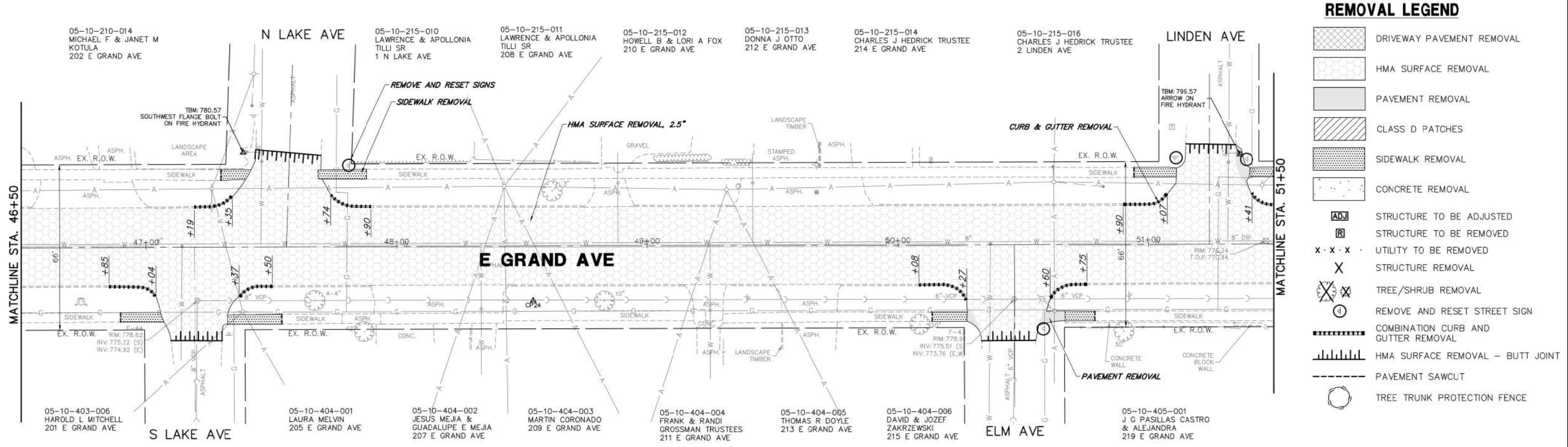
EXISTING/REMOVAL PLAN



- ### PROPOSED LEGEND
- HMA RESURFACING, 1.75"
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 - TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT
 - INLET FILTERS

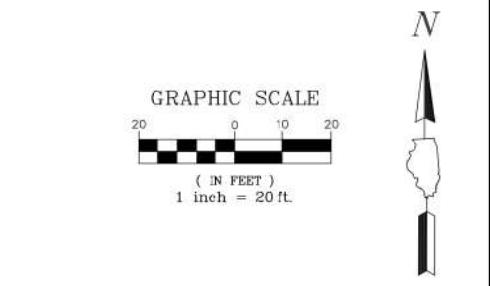
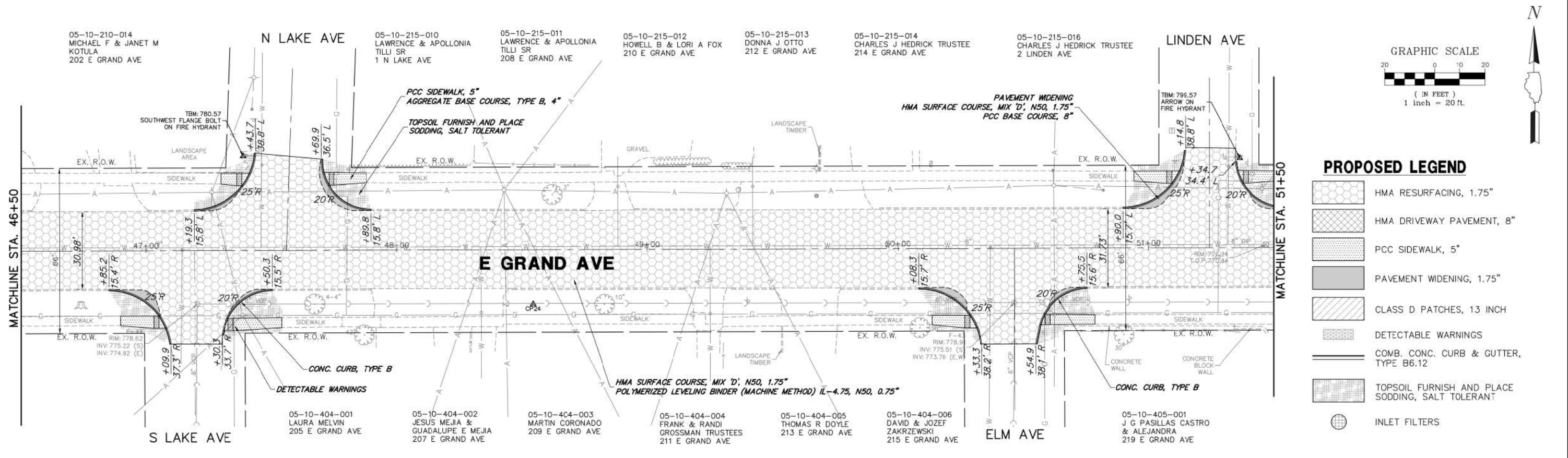
PROPOSED PLAN

FILE NAME = 4870.160_PR1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS/PROPOSED PLAN		FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:20	DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS				169	17-00027-00-R5	LAKE	63	21
PLOT DATE = 2/8/2019 2:21 PM	CHECKED - MGC	DATE - 11.12.18	REVISED -	SCALE 1"=20'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT # 61F69 ILLINOIS FED. AID PROJECT		



- ### REMOVAL LEGEND
- DRIVEWAY PAVEMENT REMOVAL
 - HMA SURFACE REMOVAL
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EXISTING/REMOVAL PLAN



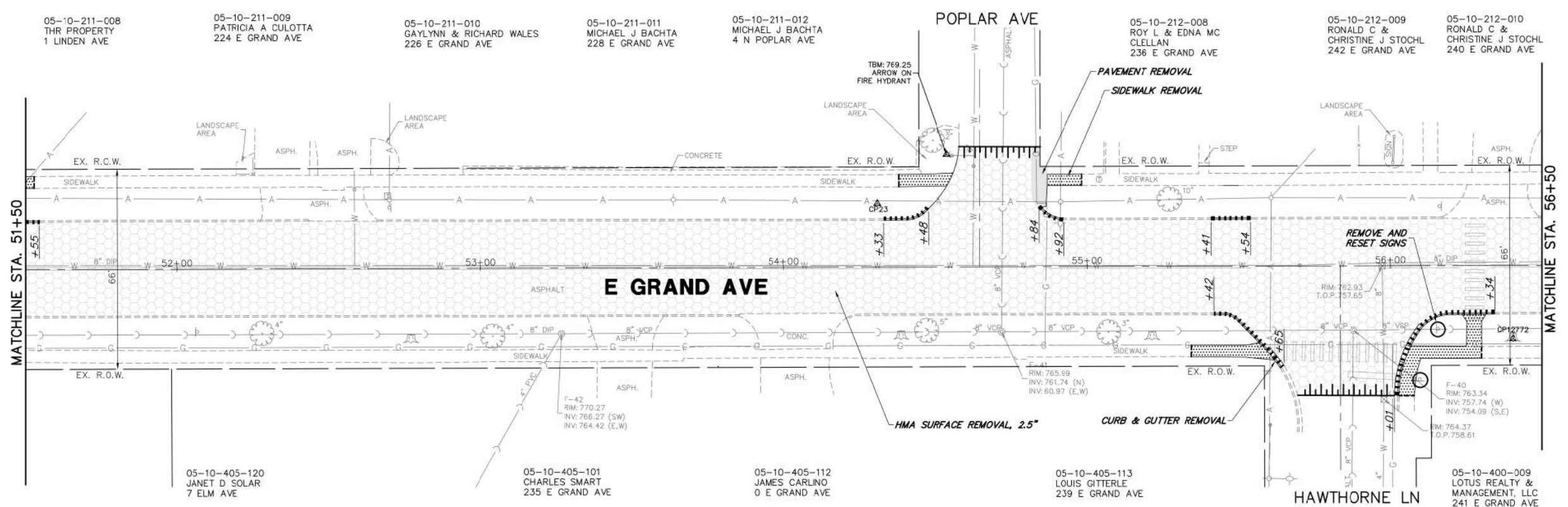
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PROPOSED PLAN

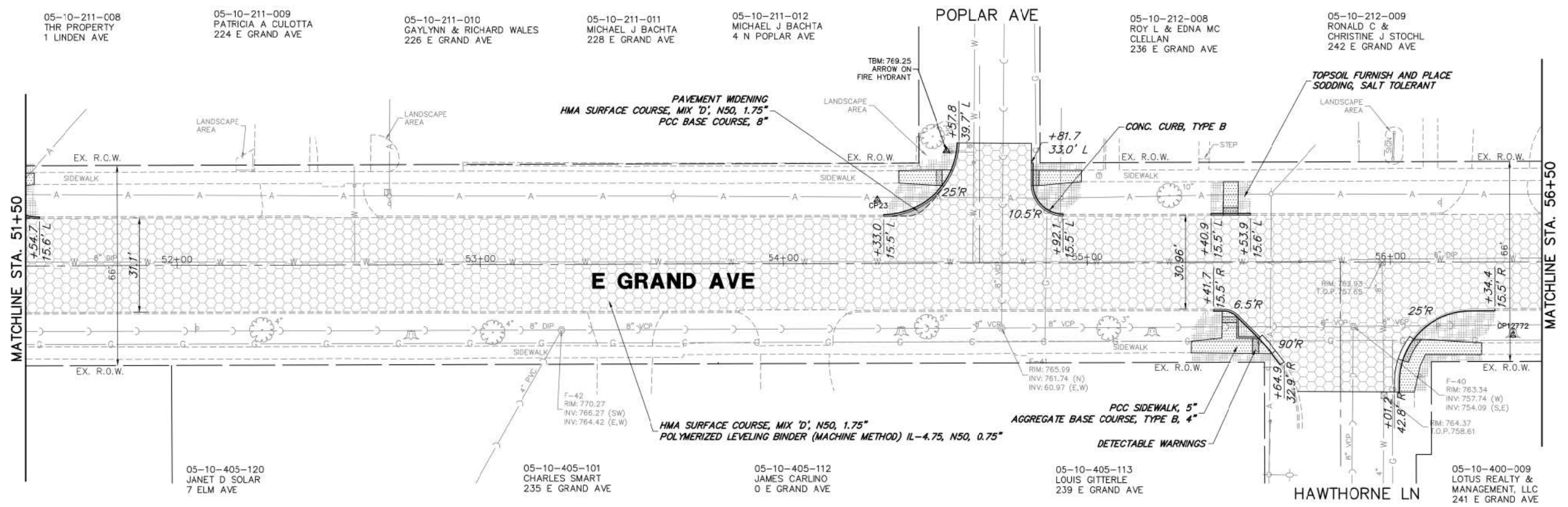
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		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS		169	17-00027-00-R5	LAKE	63	22				
		CHECKED - MGC	REVISED -		SCALE: 1"=20'				CONTRACT # 61F69				
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REMOVAL LEGEND

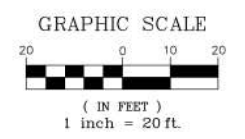
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL
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- CONCRETE REMOVAL
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EXISTING/REMOVAL PLAN



PROPOSED PLAN



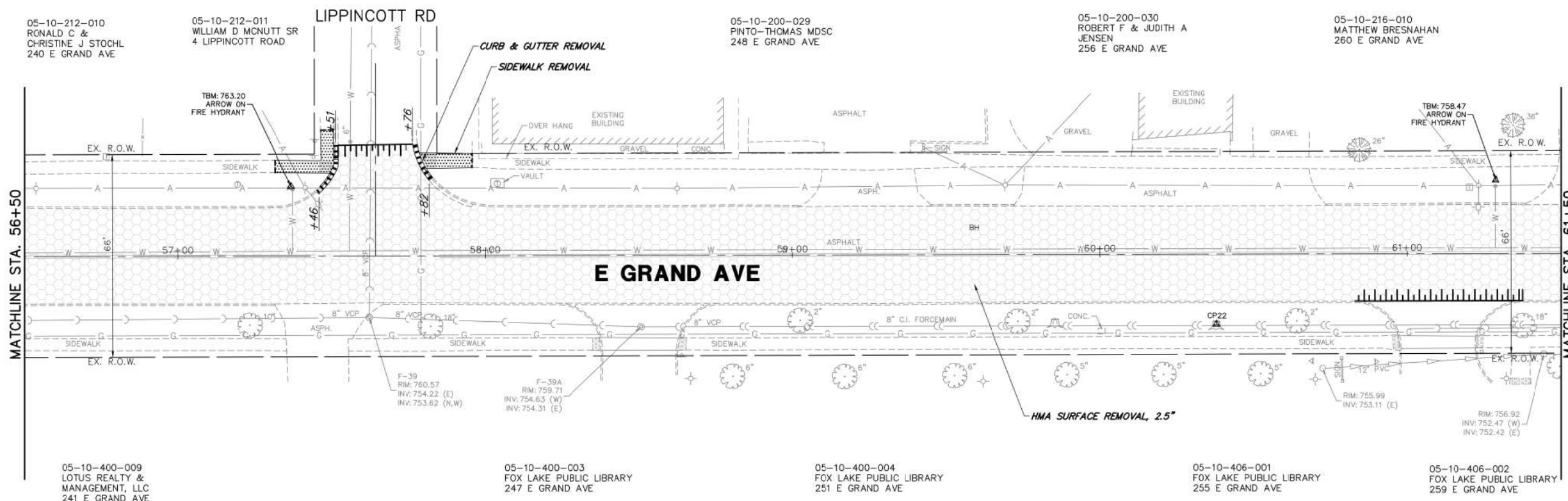
PROPOSED LEGEND

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- TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT
- INLET FILTERS

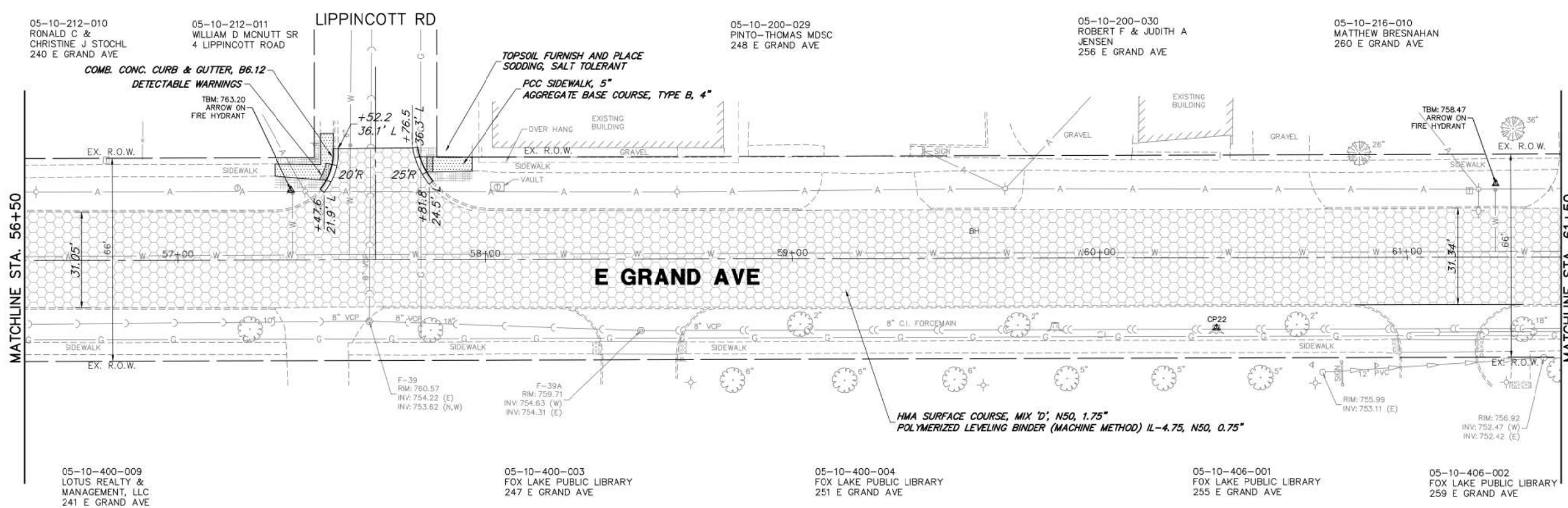
FILE NAME = 4870.160_PR1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS/PROPOSED PLAN			FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:20	DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS					169	17-00027-00-R5	LAKE	63	23
PLOT DATE = 2/8/2019 2:19 PM	CHECKED - MGC	DATE - 11.12.18	REVISED -	SCALE 1"=20'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT # 61F69 ILLINOIS FED. AID PROJECT			

REMOVAL LEGEND

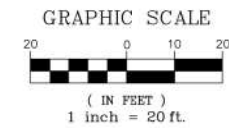
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL
- PAVEMENT REMOVAL
- CLASS D PATCHES
- SIDEWALK REMOVAL
- CONCRETE REMOVAL
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- UTILITY TO BE REMOVED
- STRUCTURE REMOVAL
- TREE/SHRUB REMOVAL
- REMOVE AND RESET STREET SIGN
- COMBINATION CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT
- PAVEMENT SAWCUT
- TREE TRUNK PROTECTION FENCE



EXISTING/REMOVAL PLAN



PROPOSED PLAN



PROPOSED LEGEND

- HMA RESURFACING, 1.75"
- HMA DRIVEWAY PAVEMENT, 8"
- PCC SIDEWALK, 5"
- PAVEMENT WIDENING, 1.75"
- CLASS D PATCHES, 13 INCH
- DETECTABLE WARNINGS
- COMB. CONC. CURB & GUTTER, TYPE B6.12
- TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT
- INLET FILTERS

FILE NAME = 4870.160_PR1.dwg

USER NAME = MARK COBB

DESIGNED - KLB

REVISED - 01.14.19 PER IDOT COMMENTS

DRAWN - GHA

REVISED - 02.08.19 PER IDOT COMMENTS

PLOT SCALE = 1:20

CHECKED - MGC

REVISED -

PLOT DATE = 2/8/2019 2:18 PM

DATE - 11.12.18

REVISED -

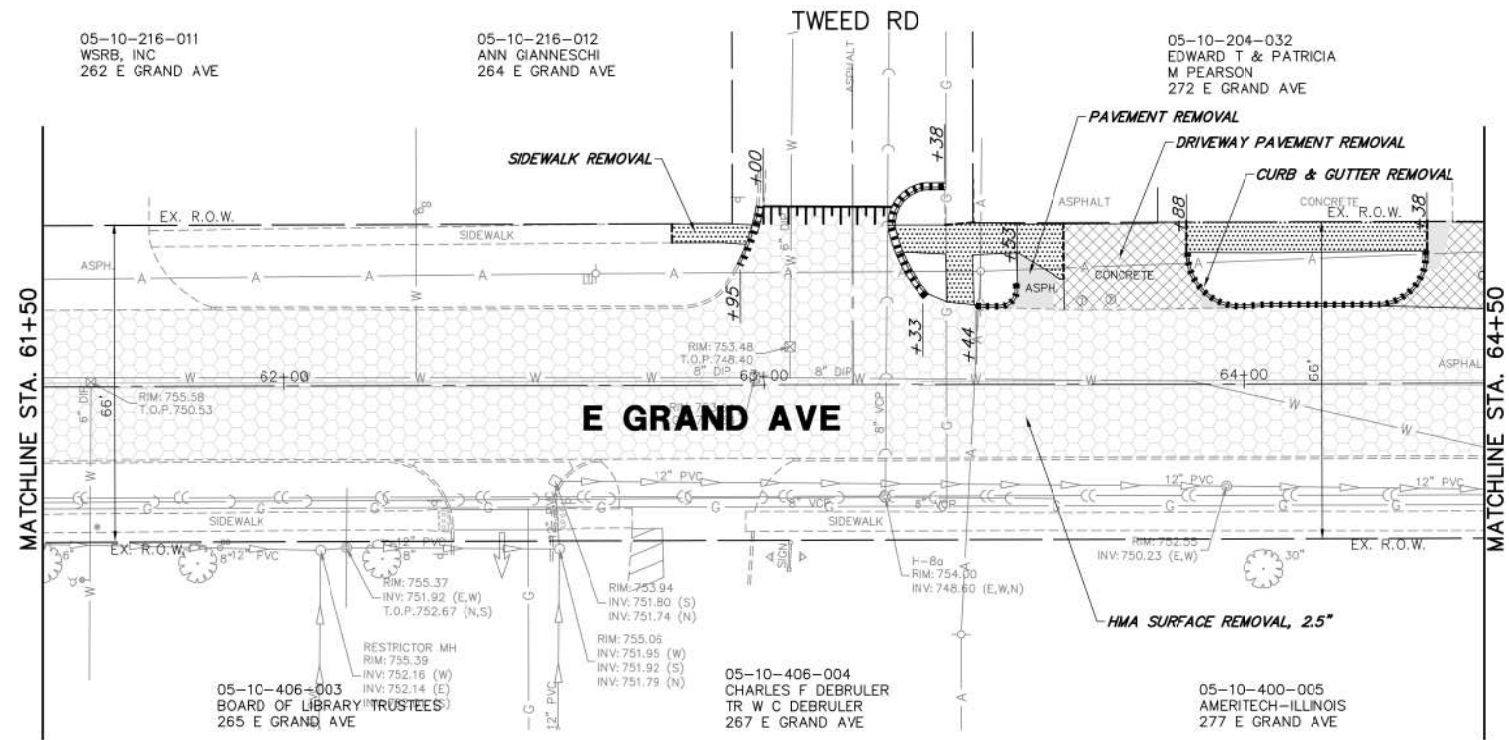
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING CONDITIONS/PROPOSED PLAN

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	24
CONTRACT #:			61F69	

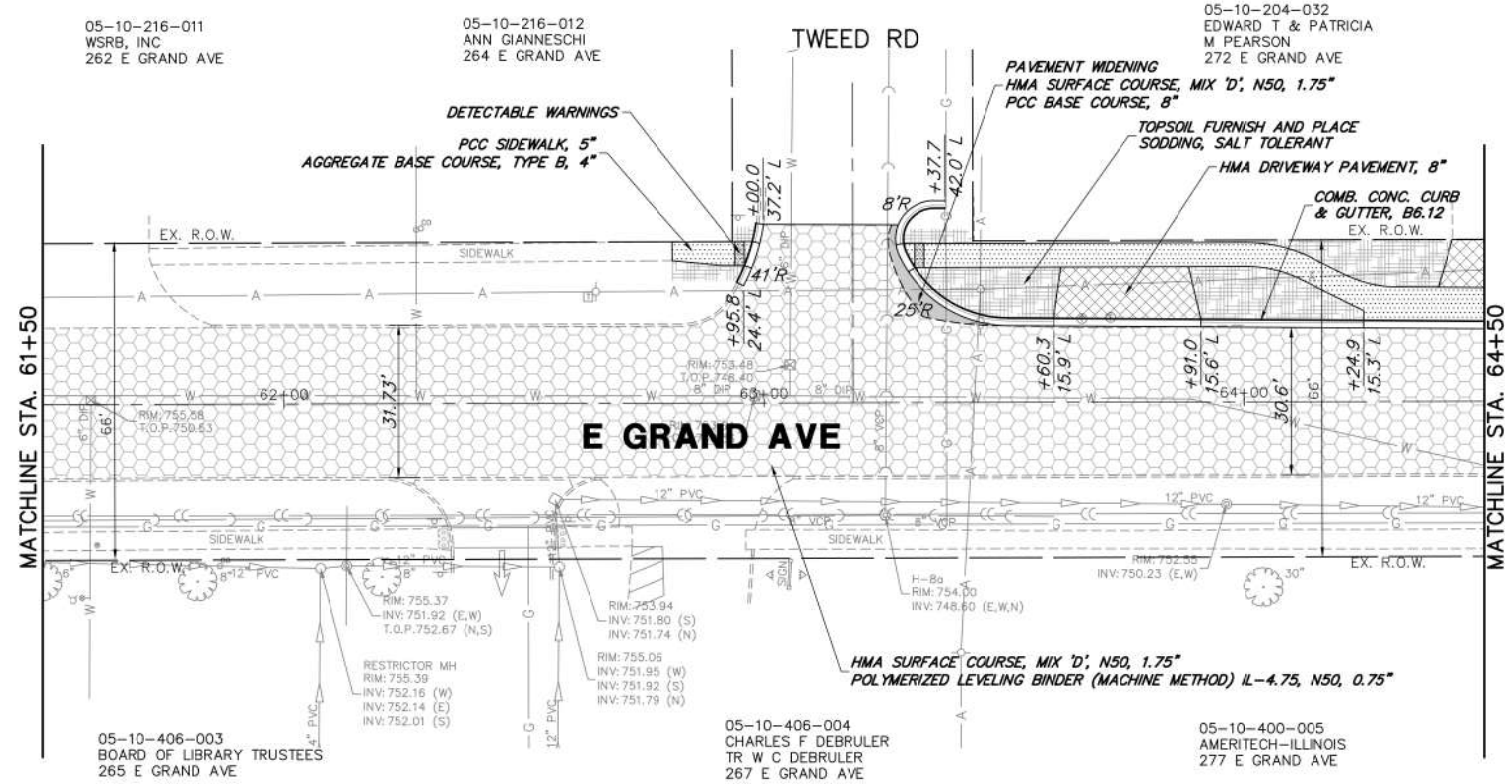
ILLINOIS FED. AID PROJECT



EXISTING/REMOVAL PLAN

REMOVAL LEGEND

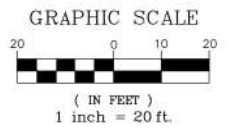
- DRIVEWAY PAVEMENT REMOVAL
- HMA SURFACE REMOVAL
- PAVEMENT REMOVAL
- CLASS D PATCHES
- SIDEWALK REMOVAL
- CONCRETE REMOVAL
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- UTILITY TO BE REMOVED
- STRUCTURE REMOVAL
- TREE/SHRUB REMOVAL
- REMOVE AND RESET STREET SIGN
- COMBINATION CURB AND GUTTER REMOVAL
- HMA SURFACE REMOVAL - BUTT JOINT
- PAVEMENT SAWCUT
- TREE TRUNK PROTECTION FENCE



PROPOSED PLAN

PROPOSED LEGEND

- HMA RESURFACING, 1.75"
- HMA DRIVEWAY PAVEMENT, 8"
- PCC SIDEWALK, 5"
- PAVEMENT WIDENING, 1.75"
- CLASS D PATCHES, 13 INCH
- DETECTABLE WARNINGS
- COMB. CONC. CURB & GUTTER, TYPE B6.12
- TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT
- INLET FILTERS



FILE NAME = 4870160_PR1.dwg

USER NAME = MARK COBB

DESIGNED - KLB
 DRAWN - GHA
 CHECKED - MGC
 DATE - 11.12.18

REVISED - 01.14.19 PER IDOT COMMENTS
 REVISED - 02.08.19 PER IDOT COMMENTS
 REVISED -
 REVISED -

















**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

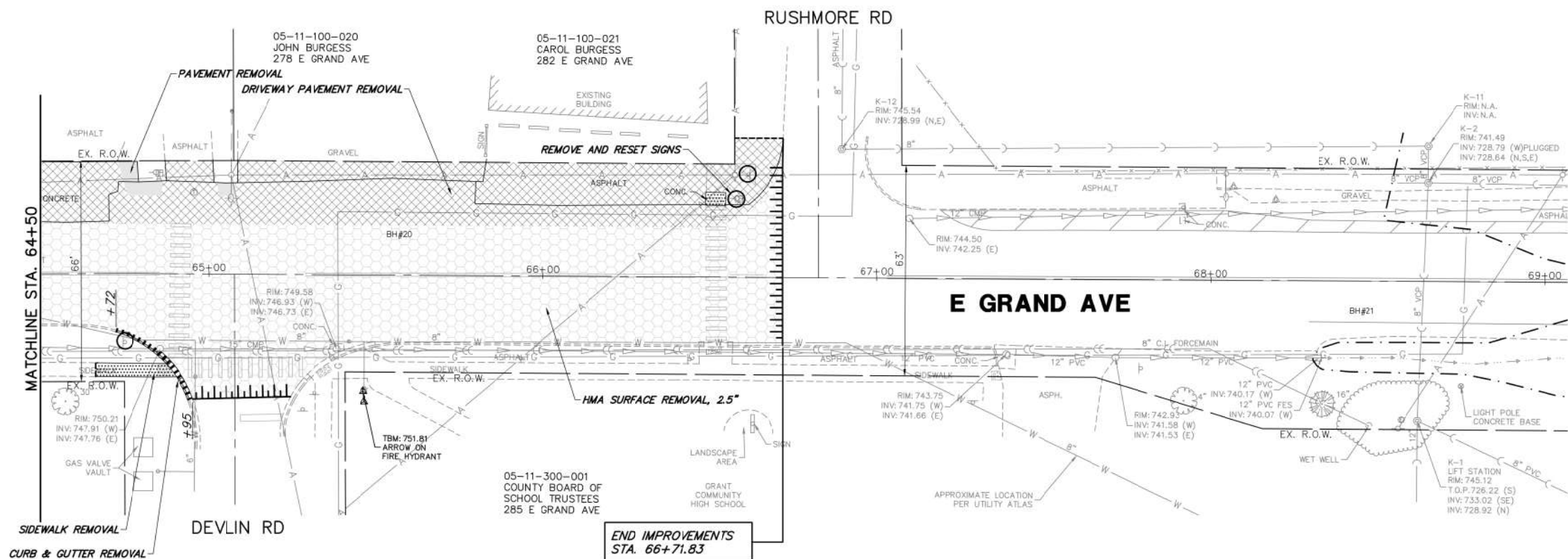
EXISTING CONDITIONS/PROPOSED PLAN

SCALE 1"=20' SHEET NO. OF SHEETS STA. TO STA.

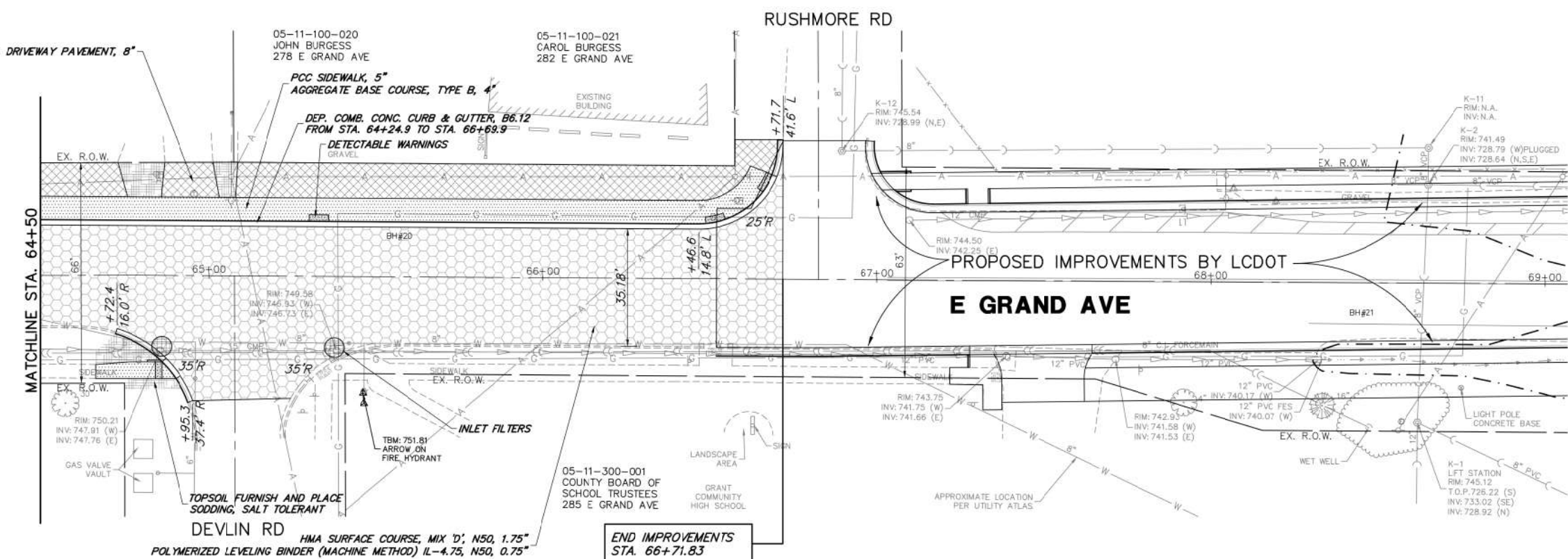
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	25
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

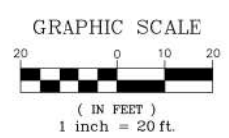
-  DRIVEWAY PAVEMENT REMOVAL
-  HMA SURFACE REMOVAL
-  PAVEMENT REMOVAL
-  CLASS D PATCHES
-  SIDEWALK REMOVAL
-  CONCRETE REMOVAL
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-  TREE/SHRUB REMOVAL
-  REMOVE AND RESET STREET SIGN
-  COMBINATION CURB AND GUTTER REMOVAL
-  HMA SURFACE REMOVAL - BUTT JOINT
-  PAVEMENT SAWCUT
-  TREE TRUNK PROTECTION FENCE












EXISTING/REMOVAL PLAN



PROPOSED PLAN



PROPOSED LEGEND

-  HMA RESURFACING, 1.75"
-  HMA DRIVEWAY PAVEMENT, 8"
-  PCC SIDEWALK, 5"
-  PAVEMENT WIDENING, 1.75"
-  CLASS D PATCHES, 13 INCH
-  DETECTABLE WARNINGS
-  COMB. CONC. CURB & GUTTER, TYPE B6.12
-  TOPSOIL FURNISH AND PLACE SODDING, SALT TOLERANT
-  INLET FILTERS

FILE NAME = 4870.160_PR1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING CONDITIONS/PROPOSED PLAN	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS			169	17-00027-00-R5	LAKE	63	26
		CHECKED - MGC	REVISED -			CONTRACT # 61F69				
		DATE - 11.12.18	REVISED -	SCALE: 1"=20'	SHEET NO. OF SHEETS	STA.	TO STA.			
ILLINOIS FED. AID PROJECT										

**LAKE COUNTY STORMWATER MANAGEMENT COMMISSION
SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION NOTES**



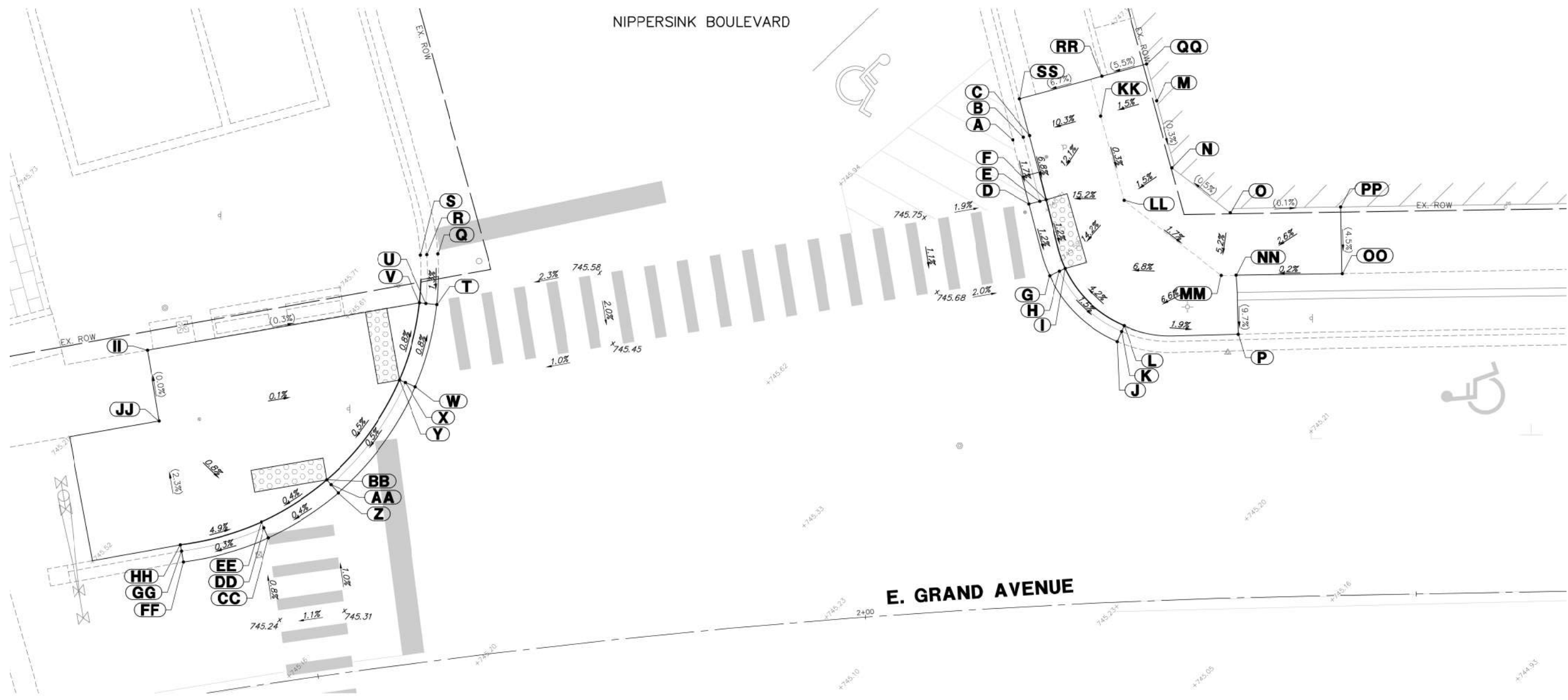
STORMWATER MANAGEMENT COMMISSION

TYPICAL CONSTRUCTION SEQUENCING

- 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 PERFORMED, 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 PERMITTEE 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 SITE 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.

- 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...)
 - 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 basins with seed and erosion control blanket
 - 9.) Temporarily stabilize all areas including lots that have reached temporary grade
 - 10.) Install roadways
 - 11.) Permanently stabilize all outlet areas
 - 12.) Install structures and grade individual lots
 - 13.) Permanently stabilize lots
 - 14.) Remove all temporary SE/SC measures after the site is stabilized with vegetation
- * Soil erosion and sediment control maintenance must occur every two weeks and after every 1/2 or greater rainfall event

FILE NAME = 4870160_DT1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL EROSION AND SEDIMENT CONTROL NOTES				FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GHA	REVISED - 02.08.19 PER IDOT COMMENTS		169	17-00027-00-R5	LAKE	63	27				
	PLOT SCALE = 1:20	CHECKED - MGC	REVISED -		CONTRACT # 61F69								
	PLOT DATE =	DATE - 11.12.18	REVISED -		SCALE N/A	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	2+15.7	42.3' L	(745.66)
B	2+16.6	42.5' L	(745.70)
C	2+17.1	42.6' L	(746.00)
D	2+16.8	36.4' L	745.56
E	2+17.7	36.6' L	745.58
F	2+18.2	36.8' L	745.59
G	2+18.2	29.9' L	745.48
H	2+19.1	30.2' L	745.50
I	2+19.6	30.4' L	745.51
J	2+23.9	23.6' L	(745.35)
K	2+24.3	24.5' L	(745.36)
L	2+24.5	25.0' L	(745.82)
M	2+28.1	45.3' L	(746.77)

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	2+29.2	39.1' L	(746.75)
O	2+34.1	34.9' L	(746.78)
P	2+34.5	23.9' L	(745.62)
Q	1+65.4	36.6' L	(745.27)
R	1+64.4	36.6' L	(745.29)
S	1+63.9	36.6' L	(745.68)
T	1+64.8	32.0' L	745.21
U	1+63.9	32.2' L	745.23
V	1+63.3	32.4' L	745.24
W	1+62	24.9' L	745.27
X	1+61.2	25.4' L	745.29
Y	1+60.7	25.6' L	745.30
Z	1+54	16.2' L	745.21

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	1+53.5	17.1' L	745.23
BB	1+53.2	17.5' L	745.24
CC	1+47.3	13.1' L	745.18
DD	1+47.1	14.0' L	745.20
EE	1+46.9	14.6' L	745.21
FF	1+39.5	12.1' L	(745.16)
GG	1+39.5	13.1' L	(745.16)
HH	1+39.5	13.6' L	(745.58)
II	1+39.3	31.5' L	(745.32)
JJ	1+39.4	25.0' L	(745.32)
KK	2+23.3	44.1' L	746.69
LL	2+25	36.4' L	746.67
MM	2+33.2	29.3' L	746.48

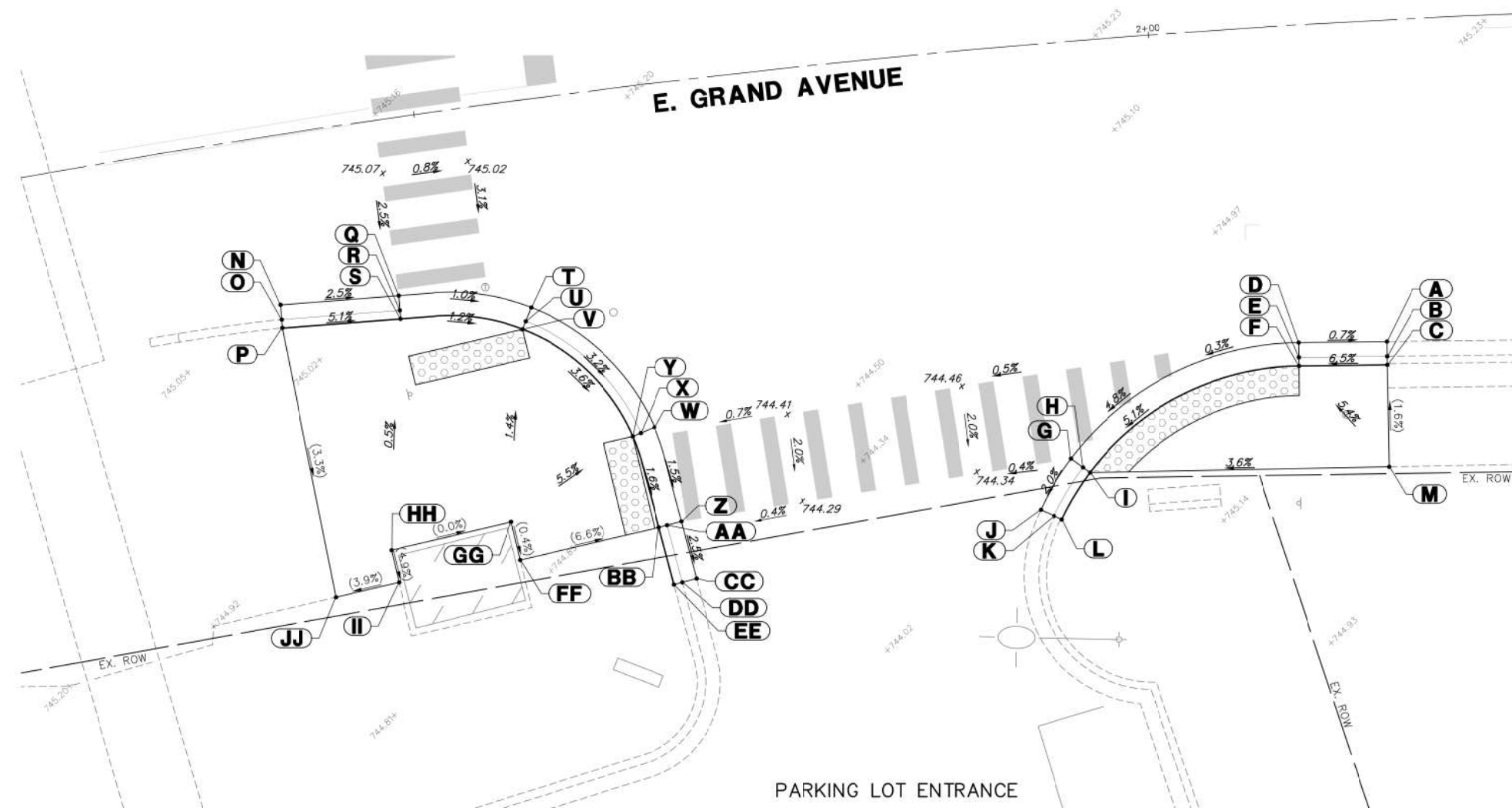
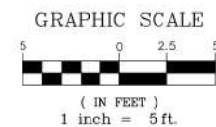
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
NN	2+34.5	29.2' L	746.48
OO	2+43.8	29.2' L	(746.50)
PP	2+43.7	35.2' L	(746.77)
QQ	2+27.4	48.7' L	(746.80)
RR	2+23.5	47.7' L	(746.57)
SS	2+16.4	46.0' L	(746.05)

FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	28
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	2+15	21.7' R	(744.61)
B	2+15	22.7' R	(744.55)
C	2+15	23.3' R	(744.98)
D	2+08.9	21.5' R	744.65
E	2+08.8	22.5' R	744.60
F	2+08.8	23.0' R	744.59
G	1+92.4	28.2' R	744.36
H	1+93.2	28.8' R	744.31
I	1+93.6	29.2' R	744.35
J	1+89.9	31.4' R	(744.28)
K	1+90.8	31.9' R	(744.22)
L	1+91.4	32.2' R	(744.68)
M	2+14.7	30.2' R	(745.09)
N	1+39.1	11.4' R	(745.02)
O	1+39	12.4' R	(745.04)
P	1+38.9	13.0' R	(745.26)
Q	1+47.2	12.0' R	744.82
R	1+47.1	13.0' R	744.84
S	1+47.1	13.6' R	744.85
T	1+56.1	14.0' R	744.72
U	1+55.6	14.9' R	744.74
V	1+55.3	15.4' R	744.75
W	1+63.5	23.1' R	744.35
X	1+62.5	23.4' R	744.37
Y	1+62	23.6' R	744.38
Z	1+64.6	29.7' R	744.25

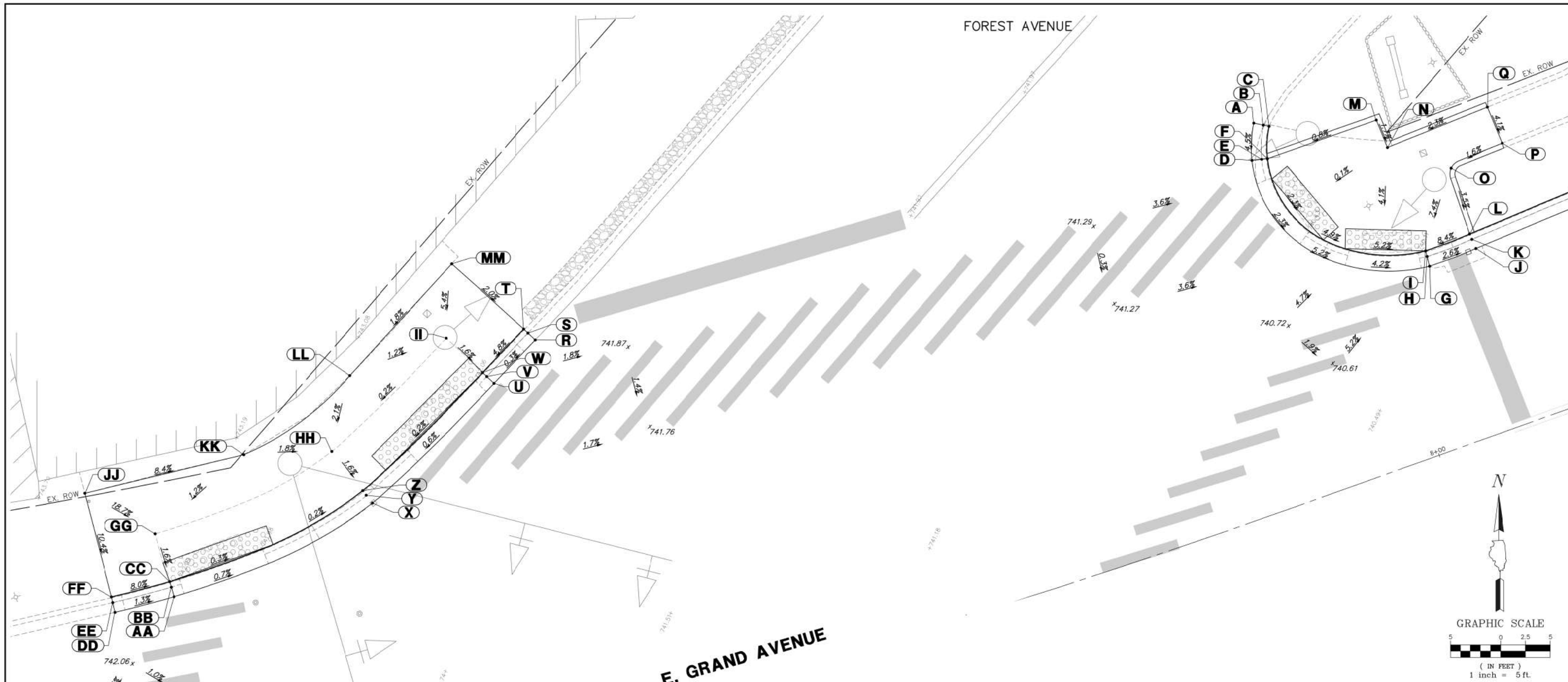
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	1+63.6	29.8' R	744.27
BB	1+63	29.9' R	744.28
CC	1+65.2	33.6' R	(744.15)
DD	1+64.2	33.8' R	(744.17)
EE	1+63.6	33.9' R	(744.50)
FF	1+53	30.9' R	744.92
GG	1+52.7	28.2' R	744.93
HH	1+44.1	29.0' R	744.93
II	1+44.3	31.2' R	744.82
JJ	1+39.7	31.5' R	(744.65)

FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	29
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	7+93.7	37.6' L	(740.97)
B	7+94.6	37.0' L	(740.95)
C	7+95.1	36.7' L	(741.26)
D	7+92.3	34.1' L	740.80
E	7+93.3	33.9' L	740.75
F	7+93.8	33.7' L	740.79
G	8+05.4	18.1' L	740.05
H	8+05.5	19.1' L	740.00
I	8+05.6	19.7' L	740.01
J	8+10.4	18.2' L	739.92
K	8+10.4	19.2' L	739.87
L	8+10.4	19.8' L	740.41
M	8+05.4	33.7' L	740.70

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	8+05.5	30.7' L	740.65
O	8+10.8	26.6' L	740.65
P	8+16.5	27.3' L	(740.74)
Q	8+16.3	31.2' L	(740.90)
R	7+15.2	38.5' L	(742.01)
S	7+14.6	39.4' L	(741.97)
T	7+14.3	39.8' L	(742.31)
U	7+09.9	35.3' L	742.03
V	7+09.3	36.2' L	741.98
W	7+09	36.7' L	742.02
X	6+94.6	26.6' L	741.92
Y	6+94.1	27.5' L	741.86
Z	6+93.9	28.0' L	741.98

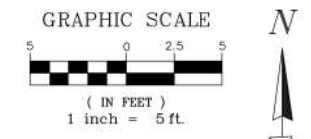
ADA GRADING TABLE			
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BB	6+72.4	22.7' L	741.96
CC	6+72.3	23.3' L	742.00
DD	6+66.2	21.4' L	(742.09)
EE	6+66.2	22.4' L	(742.06)
FF	6+66.2	22.9' L	(742.48)
GG	6+71.9	28.3' L	742.08
HH	6+91.7	32.6' L	742.06
II	7+06.2	40.9' L	742.10
JJ	6+65.5	33.6' L	(743.60)
KK	6+82.6	34.2' L	(742.22)
LL	6+95.3	39.5' L	(742.22)
MM	7+08.7	48.0' L	(742.50)

FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
PLOT SCALE = 1:20		DATE - 03/06/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING			
SCALE	SHEET NO.	OF SHEETS	STA. TO STA.
1"=5'			

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	30
CONTRACT #:				61F69
ILLINOIS FED. AID PROJECT				

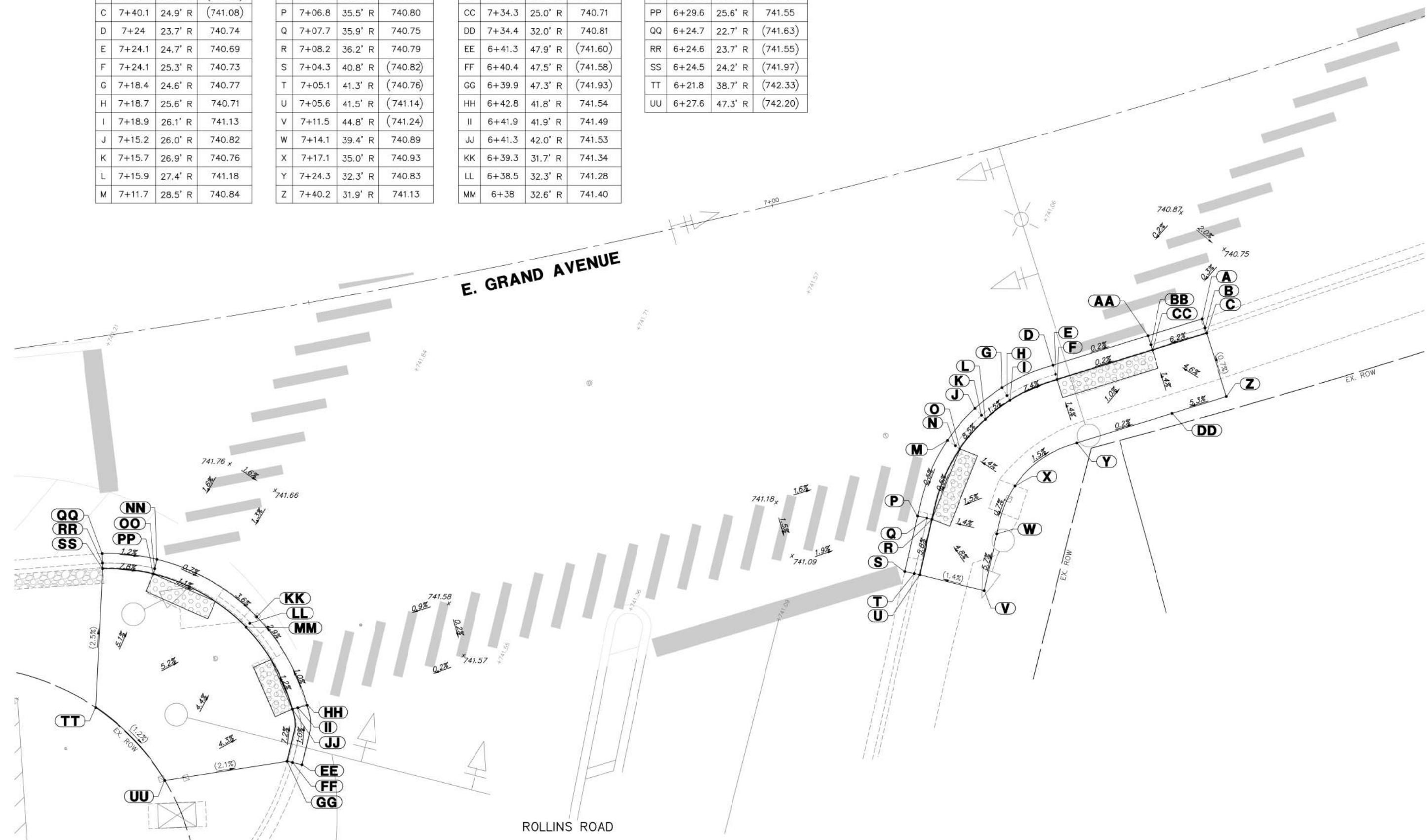


ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
A	7+40.1	23.3' R (740.66)
B	7+40.1	24.3' R (740.60)
C	7+40.1	24.9' R (741.08)
D	7+24	23.7' R 740.74
E	7+24.1	24.7' R 740.69
F	7+24.1	25.3' R 740.73
G	7+18.4	24.6' R 740.77
H	7+18.7	25.6' R 740.71
I	7+18.9	26.1' R 741.13
J	7+15.2	26.0' R 740.82
K	7+15.7	26.9' R 740.76
L	7+15.9	27.4' R 741.18
M	7+11.7	28.5' R 740.84

ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
N	7+12.3	29.3' R 740.79
O	7+12.7	29.7' R 740.83
P	7+06.8	35.5' R 740.80
Q	7+07.7	35.9' R 740.75
R	7+08.2	36.2' R 740.79
S	7+04.3	40.8' R (740.82)
T	7+05.1	41.3' R (740.76)
U	7+05.6	41.5' R (741.14)
V	7+11.5	44.8' R (741.24)
W	7+14.1	39.4' R 740.89
X	7+17.1	35.0' R 740.93
Y	7+24.3	32.3' R 740.83
Z	7+40.2	31.9' R 741.13

ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
AA	7+34.2	23.4' R 740.72
BB	7+34.2	24.4' R 740.67
CC	7+34.3	25.0' R 740.71
DD	7+34.4	32.0' R 740.81
EE	6+41.3	47.9' R (741.60)
FF	6+40.4	47.5' R (741.58)
GG	6+39.9	47.3' R (741.93)
HH	6+42.8	41.8' R 741.54
II	6+41.9	41.9' R 741.49
JJ	6+41.3	42.0' R 741.53
KK	6+39.3	31.7' R 741.34
LL	6+38.5	32.3' R 741.28
MM	6+38	32.6' R 741.40

ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
NN	6+30.2	24.1' R 741.56
OO	6+29.8	25.1' R 741.51
PP	6+29.6	25.6' R 741.55
QQ	6+24.7	22.7' R (741.63)
RR	6+24.6	23.7' R (741.55)
SS	6+24.5	24.2' R (741.97)
TT	6+21.8	38.7' R (742.33)
UU	6+27.6	47.3' R (742.20)

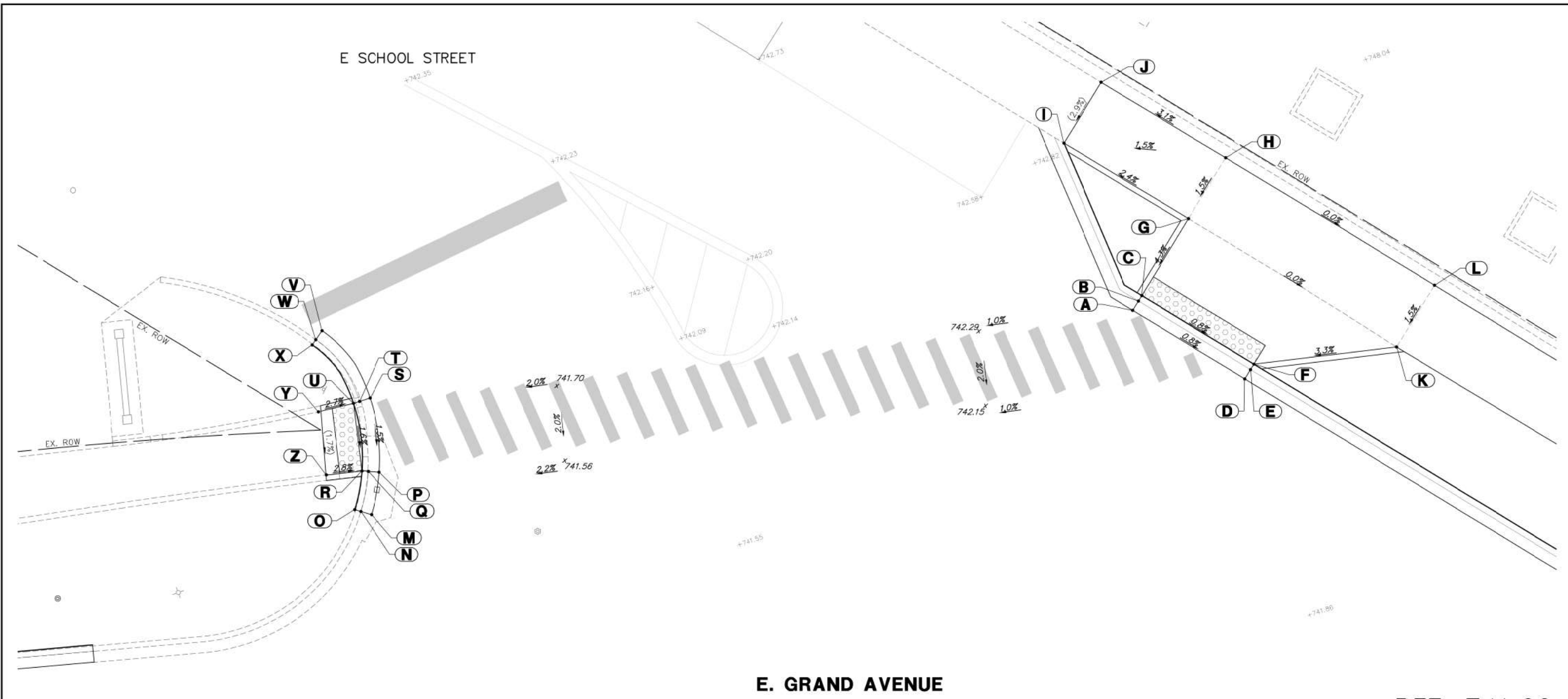


FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED -01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO. OF SHEETS	STA. TO STA.	

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	31
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



E. GRAND AVENUE

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	11+33.6	52.0' L	742.41
B	11+34	52.9' L	742.36
C	11+34.2	53.5' L	742.40
D	11+43.5	47.1' L	742.32
E	11+43.9	48.1' L	742.27
F	11+44.1	48.6' L	742.31
G	11+37.2	61.0' L	742.75
H	11+39.5	66.9' L	742.85
I	11+26.6	66.5' L	(743.07)
J	11+29	72.4' L	(743.26)
K	11+55.4	52.1' L	742.74
L	11+57.6	58.3' L	742.84
M	10+70.8	30.0' L	(741.12)

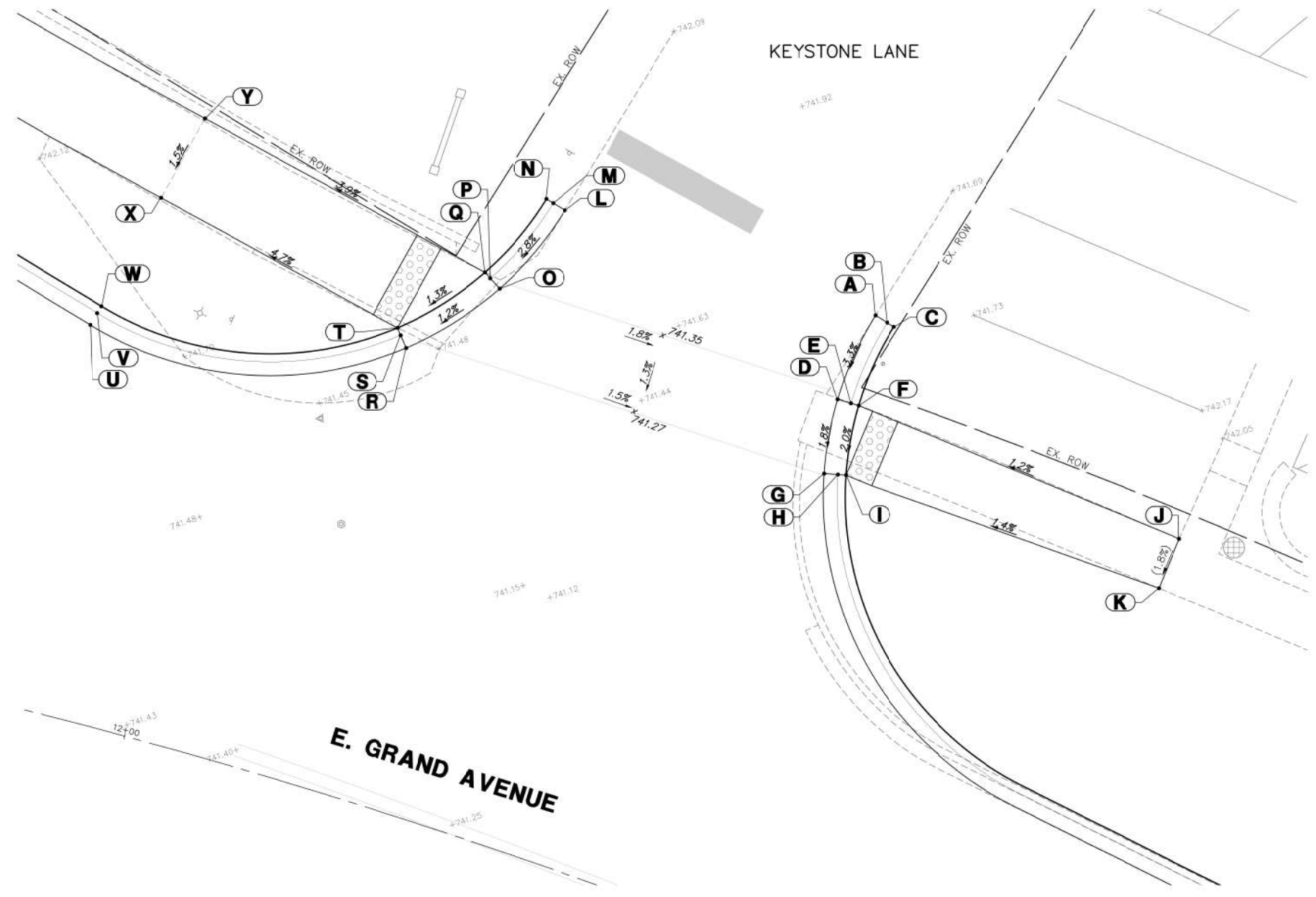
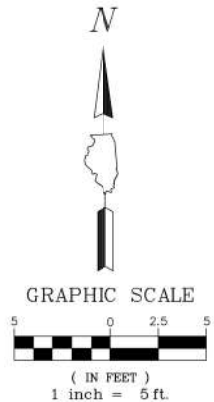
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
N	10+69.9	30.3' L	(741.06)
O	10+69.3	30.5' L	(741.56)
P	10+71.5	33.8' L	741.12
Q	10+70.6	33.9' L	741.07
R	10+70	34.0' L	741.11
S	10+70.8	40.6' L	741.22
T	10+70	40.3' L	741.17
U	10+69.5	40.2' L	741.21
V	10+67	46.9' L	(741.64)
W	10+66.5	46.1' L	(741.62)
X	10+66.2	45.6' L	(741.70)
Y	10+66.5	39.5' L	(741.30)
Z	10+67	33.7' L	(741.20)

FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	32
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



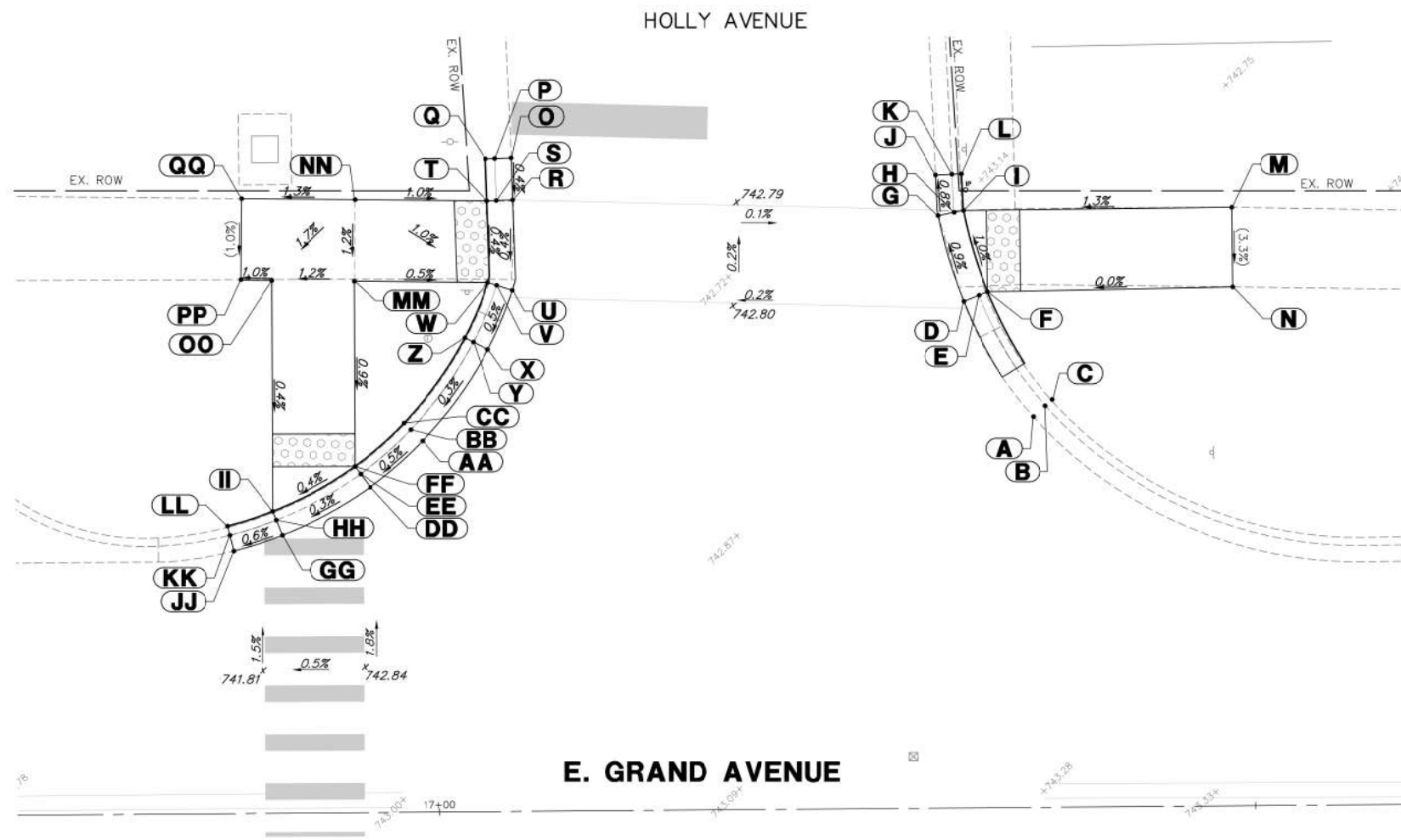
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	12+40.4	45.7' L	(741.37)
B	12+41.3	45.5' L	741.37
C	12+41.8	45.4' L	741.37
D	12+40	39.0' L	741.15
E	12+40.9	39.1' L	741.10
F	12+41.5	39.1' L	741.14
G	12+40.9	33.6' L	741.05
H	12+41.8	33.9' L	741.00
I	12+42.3	34.1' L	741.04
J	12+64.6	38.9' L	(741.45)
K	12+64.7	35.0' L	(741.38)
L	12+18.9	45.5' L	(741.81)
M	12+18	45.8' L	741.81
N	12+17.5	45.9' L	741.81
O	12+16.3	38.7' L	741.60
P	12+15.5	39.2' L	741.55
Q	12+15	39.5' L	741.59
R	12+11.4	32.6' L	741.50
S	12+10.8	33.4' L	741.45
T	12+10.5	33.8' L	741.49
U	11+90.4	28.2' L	741.75
V	11+90.6	29.1' L	741.77
W	11+90.8	29.7' L	742.27
X	11+92.9	38.4' L	742.40
Y	11+94.4	44.7' L	742.50

FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -
PLOT SCALE = 1:20			
PLOT DATE = 2/8/2019 2:02 PM			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

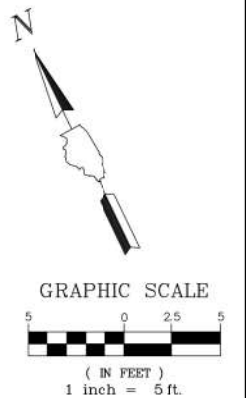
A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	33
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				

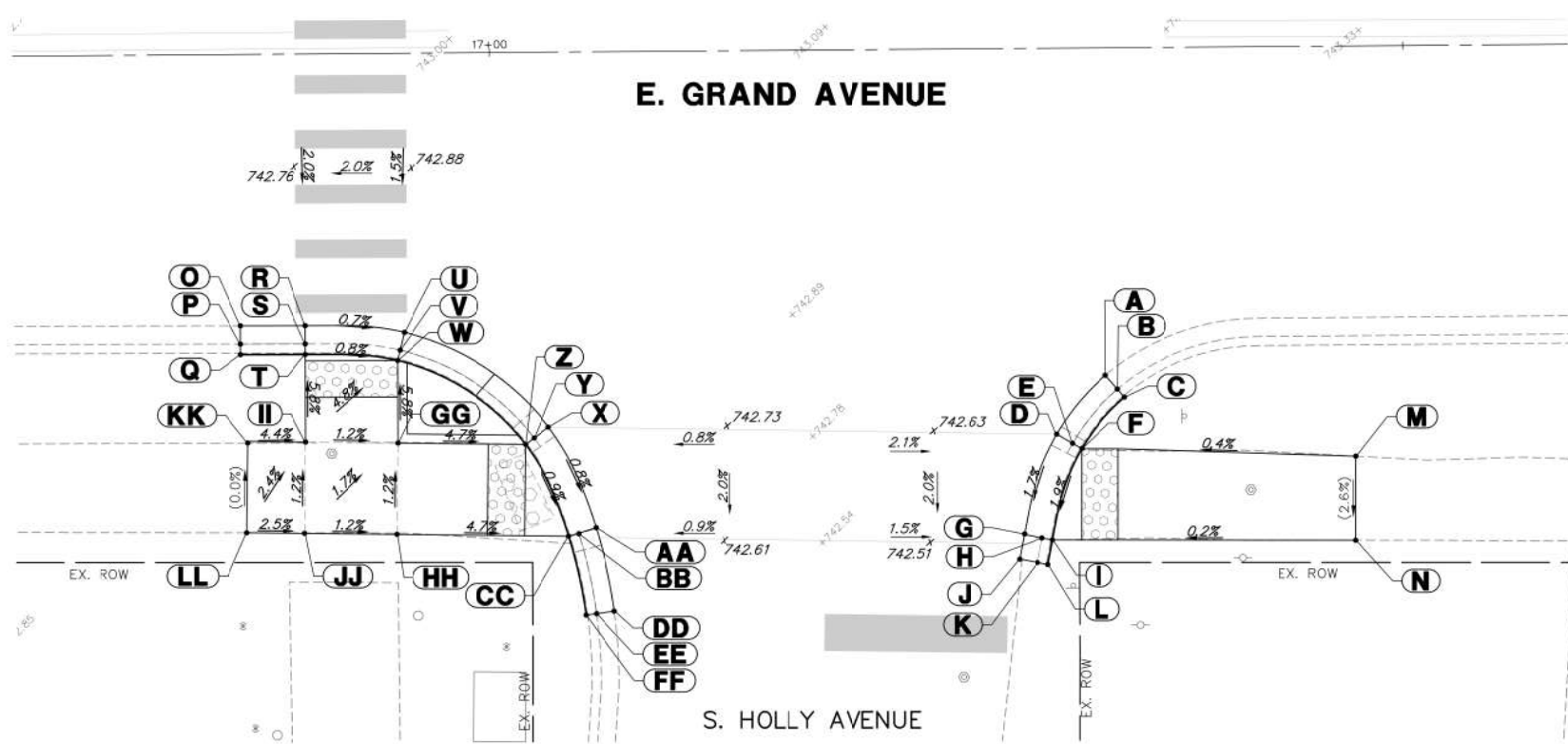


ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
A	17+36.6	24.0' L (742.90)
B	17+37.3	24.6' L (742.86)
C	17+37.8	25.0' L (743.38)
D	17+32.4	31.1' L 742.83
E	17+33.3	31.4' L 742.78
F	17+33.9	31.6' L 742.82
G	17+30.9	36.3' L 742.78
H	17+31.8	36.5' L 742.73
I	17+32.4	36.6' L 742.77
J	17+30.7	38.8' L (742.76)
K	17+31.7	38.9' L (742.70)
L	17+32.3	38.9' L (743.18)
M	17+48.8	36.7' L (742.98)
N	17+48.9	31.8' L (742.82)
O	17+04.7	40.1' L (742.81)
P	17+03.7	40.0' L 742.81
Q	17+03.1	40.0' L 742.81
R	17+04.8	37.5' L 742.80
S	17+03.8	37.5' L 742.75
T	17+03.2	37.5' L 742.79
U	17+04.7	32.0' L 742.78
V	17+03.7	32.3' L 742.73
W	17+03.2	32.5' L 742.77
X	17+03.2	28.3' L 742.76
Y	17+02.3	28.8' L 742.70
Z	17+01.8	29.1' L 743.20

ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
AA	16+99.1	22.8' L 742.74
BB	16+98.4	23.5' L 742.68
CC	16+98	23.9' L 743.18
DD	16+95.9	19.9' L 742.72
EE	16+95.3	20.8' L 742.67
FF	16+95	21.2' L 742.71
GG	16+90.5	17.0' L 742.70
HH	16+90.2	18.0' L 742.65
II	16+89.9	18.5' L 742.69
JJ	16+87.5	16.1' L (742.68)
KK	16+87.3	17.1' L (742.62)
LL	16+87.2	17.6' L (743.02)
MM	16+95	32.6' L 742.81
NN	16+95.1	37.6' L 742.87
OO	16+90	32.7' L 742.75
PP	16+88.1	32.7' L (742.73)
QQ	16+88.2	37.7' L (742.78)



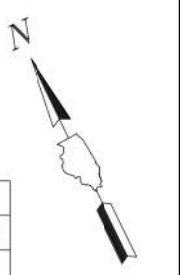
E. GRAND AVENUE



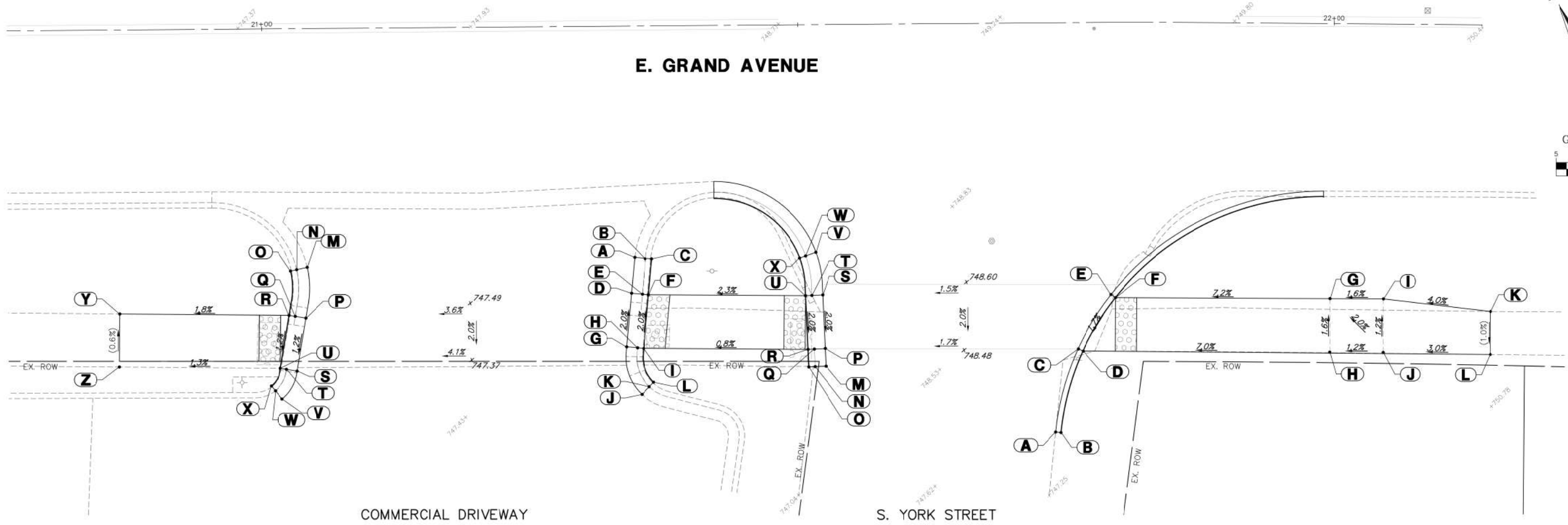
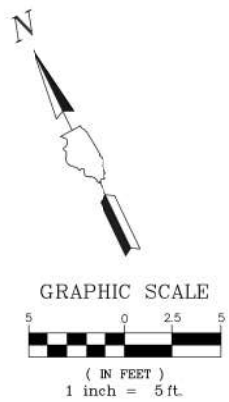
ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
A	17+33.6	17.9' R (742.74)
B	17+34.3	18.7' R (742.68)
C	17+34.6	19.1' R (743.10)
D	17+30.9	21.1' R 742.55
E	17+31.8	21.6' R 742.57
F	17+32.3	21.9' R 742.58
G	17+29.1	26.6' R 742.45
H	17+30.1	26.8' R 742.47
I	17+30.6	26.9' R 742.48
J	17+28.8	28.0' R (742.40)
K	17+29.8	28.1' R 742.42
L	17+30.4	28.3' R 742.43
M	17+47.3	22.5' R (742.64)

ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
N	17+47.2	27.1' R (742.52)
O	16+86.3	14.8' R (742.60)
P	16+86.3	15.8' R (742.57)
Q	16+86.2	16.4' R (742.97)
R	16+89.8	14.9' R 742.62
S	16+89.8	15.9' R 742.57
T	16+89.8	16.4' R 742.61
U	16+95.2	15.3' R 742.58
V	16+95	16.2' R 742.53
W	16+94.8	16.8' R 742.57
X	17+03.1	20.5' R 742.51
Y	17+02.3	21.1' R 742.46
Z	17+01.8	21.5' R 742.50

ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
AA	17+05.6	26.0' R 742.46
BB	17+04.7	26.4' R 742.41
CC	17+04.1	26.5' R 742.45
DD	17+06.6	30.6' R (742.42)
EE	17+05.6	30.8' R (742.40)
FF	17+05	30.8' R (742.90)
GG	16+94.8	21.3' R 742.83
HH	16+94.7	26.3' R 742.89
II	16+89.8	21.2' R 742.89
JJ	16+89.7	26.2' R 742.95
KK	16+86.6	21.3' R (743.03)
LL	16+86.5	26.2' R (743.03)



S. HOLLY AVENUE



COMMERCIAL DRIVEWAY

ADA GRADING TABLE				ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	21+34.6	21.6' R	(747.91)	N	21+03.1	22.5' R	(747.06)
B	21+35.6	21.7' R	(747.93)	O	21+02.5	22.6' R	(747.50)
C	21+36.2	21.7' R	(748.40)	P	21+03.9	27.0' R	746.96
D	21+34.3	24.9' R	748.03	Q	21+02.9	26.8' R	746.98
E	21+35.3	25.0' R	748.05	R	21+02.4	26.7' R	746.99
F	21+35.9	25.1' R	748.06	S	21+03.1	31.9' R	746.90
G	21+33.8	29.9' R	748.13	T	21+02.1	31.8' R	746.92
H	21+34.8	30.0' R	748.15	U	21+01.5	31.7' R	746.93
I	21+35.4	30.1' R	748.16	V	21+01.6	34.5' R	(746.84)
J	21+35.2	34.4' R	(748.18)	W	21+01	33.7' R	(746.86)
K	21+35.9	33.6' R	(748.25)	X	21+00.6	33.3' R	(747.09)
L	21+36.3	33.2' R	(748.73)	Y	20+86.6	26.5' R	(746.71)
M	21+04.1	22.3' R	(747.02)	Z	20+86.5	31.4' R	(746.74)

S. YORK STREET

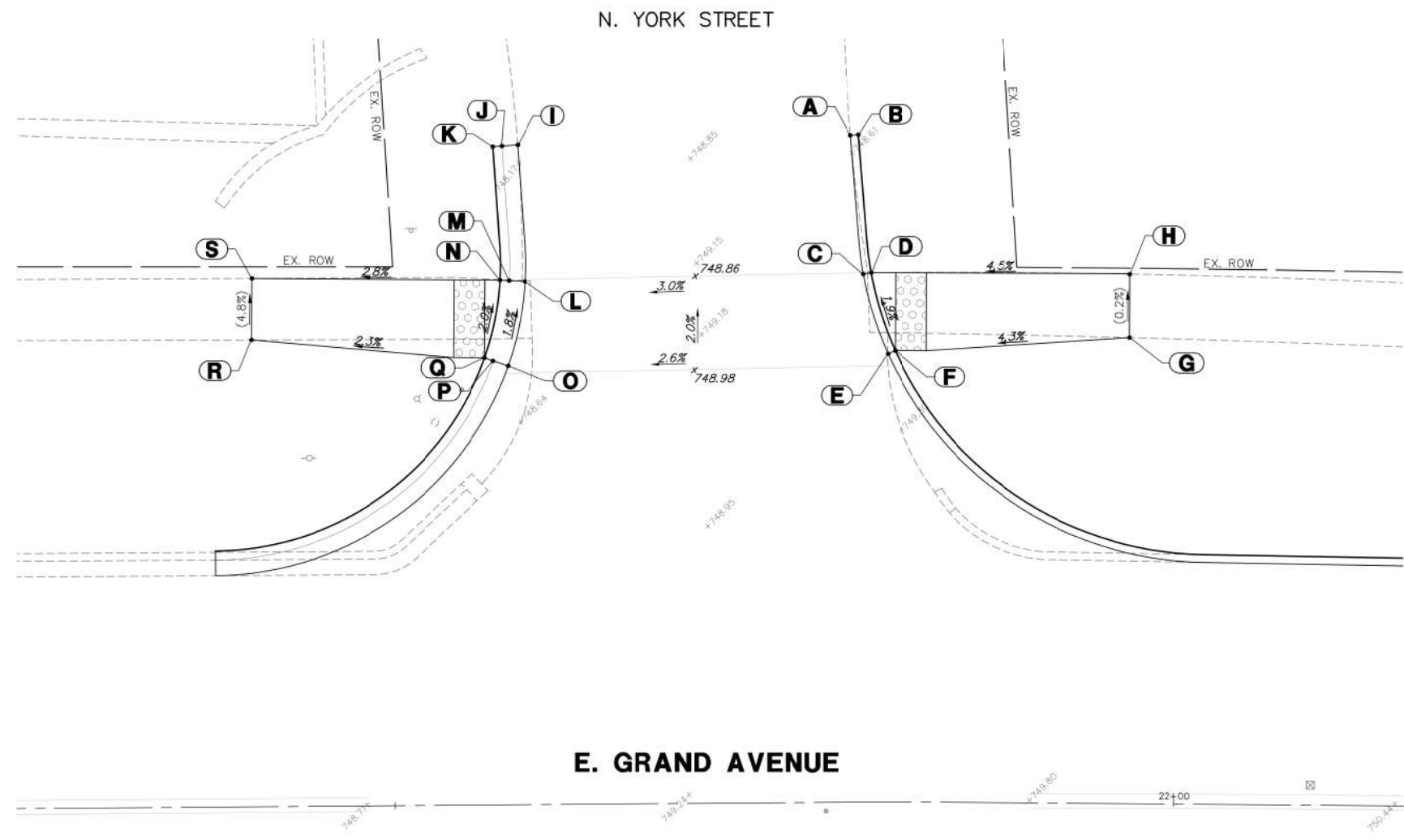
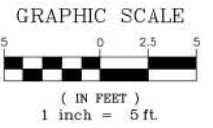
ADA GRADING TABLE				ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	21+73.8	38.2' R	(747.86)	N	21+51.4	31.9' R	(748.18)
B	21+74.2	38.2' R	747.86	O	21+50.8	31.9' R	748.25
C	21+75.9	30.4' R	748.70	P	21+52.3	30.2' R	748.30
D	21+76.4	30.6' R	748.74	Q	21+51.3	30.2' R	748.25
E	21+79	25.4' R	748.80	R	21+50.7	30.3' R	748.29
F	21+79.4	25.7' R	748.84	S	21+52.1	25.2' R	748.40
G	21+99.8	25.7' R	750.28	T	21+51.1	25.2' R	748.35
H	21+99.9	30.7' R	750.36	U	21+50.5	25.3' R	748.39
I	22+04.9	25.7' R	750.36	V	21+51.5	21.2' R	748.50
J	22+04.9	30.7' R	750.42	W	21+50.6	21.6' R	748.45
K	22+15	26.7' R	(750.76)	X	21+50	21.8' R	748.49
L	22+15.1	30.7' R	(750.72)				
M	21+52.4	31.9' R	(748.23)				

FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -

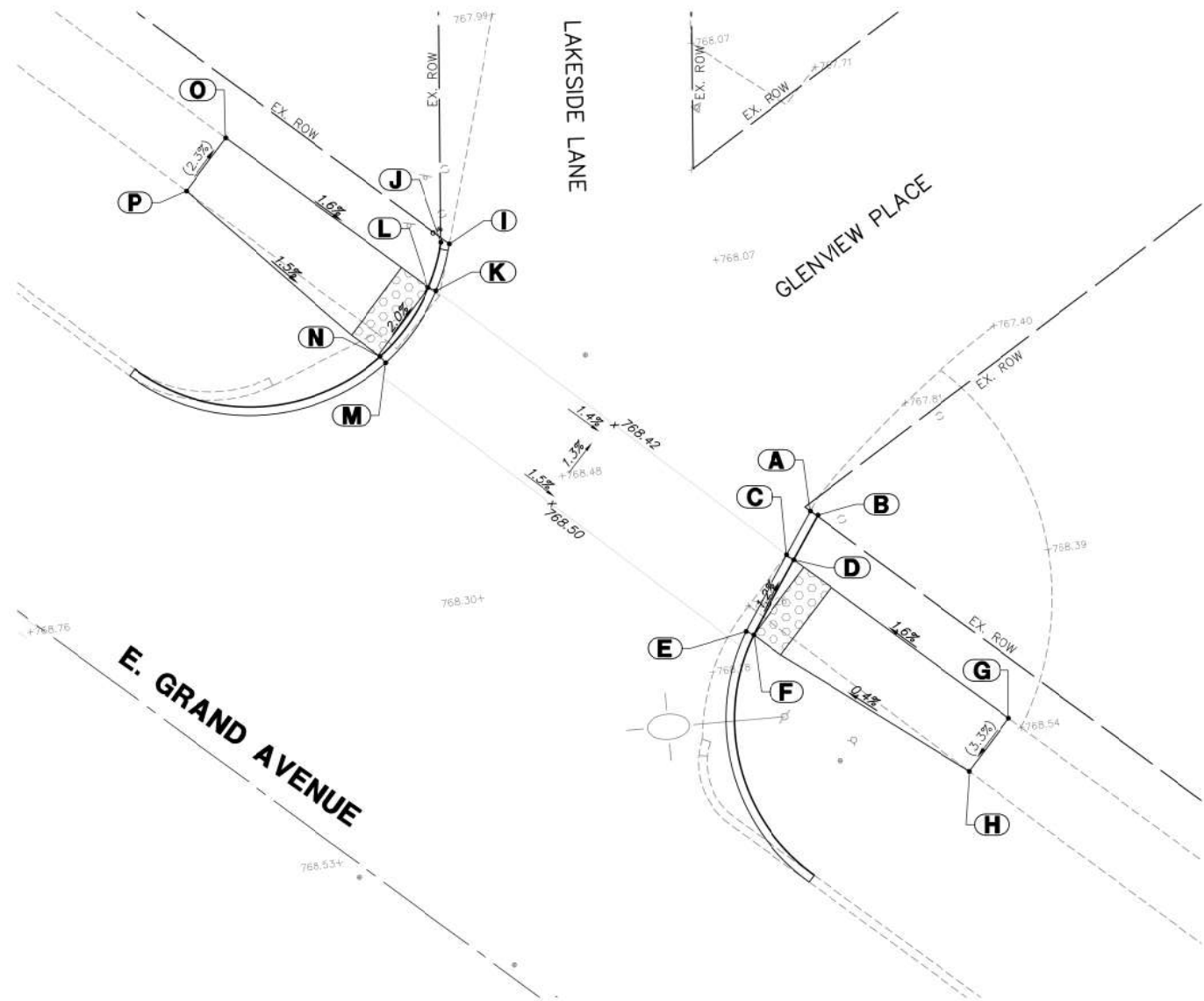
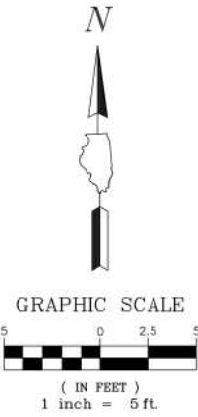
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	35
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	21+79.6	42.8' L	(748.55)
B	21+80.1	42.9' L	748.55
C	21+80.3	33.9' L	749.18
D	21+80.8	34.0' L	749.22
E	21+81.8	28.8' L	749.28
F	21+82.3	29.0' L	749.32
G	21+96.9	29.9' L	(749.97)
H	21+96.9	33.9' L	(749.96)
I	21+58.2	42.4' L	(748.08)
J	21+57.2	42.3' L	748.08
K	21+56.6	42.3' L	748.08
L	21+58.6	33.6' L	748.55
M	21+57.6	33.7' L	748.50
N	21+57	33.7' L	748.54
O	21+57.5	28.2' L	748.65
P	21+56.5	28.5' L	748.60
Q	21+56	28.7' L	748.64
R	21+41	30.0' L	(748.29)
S	21+41	33.9' L	(748.10)



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	30+94.1	32.8' L	(768.18)
B	30+94.6	32.8' L	768.18
C	30+94.5	29.9' L	768.24
D	30+95	29.9' L	768.28
E	30+95.3	24.8' L	768.30
F	30+95.8	24.9' L	768.34
G	31+10.9	29.9' L	(768.53)
H	31+10.9	26.0' L	(768.40)
I	30+67.4	32.8' L	(768.50)
J	30+67	32.5' L	768.50
K	30+68.5	30.1' L	768.60
L	30+68	29.9' L	768.64
M	30+68.6	24.8' L	768.70
N	30+68.1	24.9' L	768.74
O	30+53	29.9' L	(768.88)
P	30+53	26.0' L	(768.97)

FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -
PLOT SCALE = 1:20			
PLOT DATE = 2/8/2019 1:55 PM			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

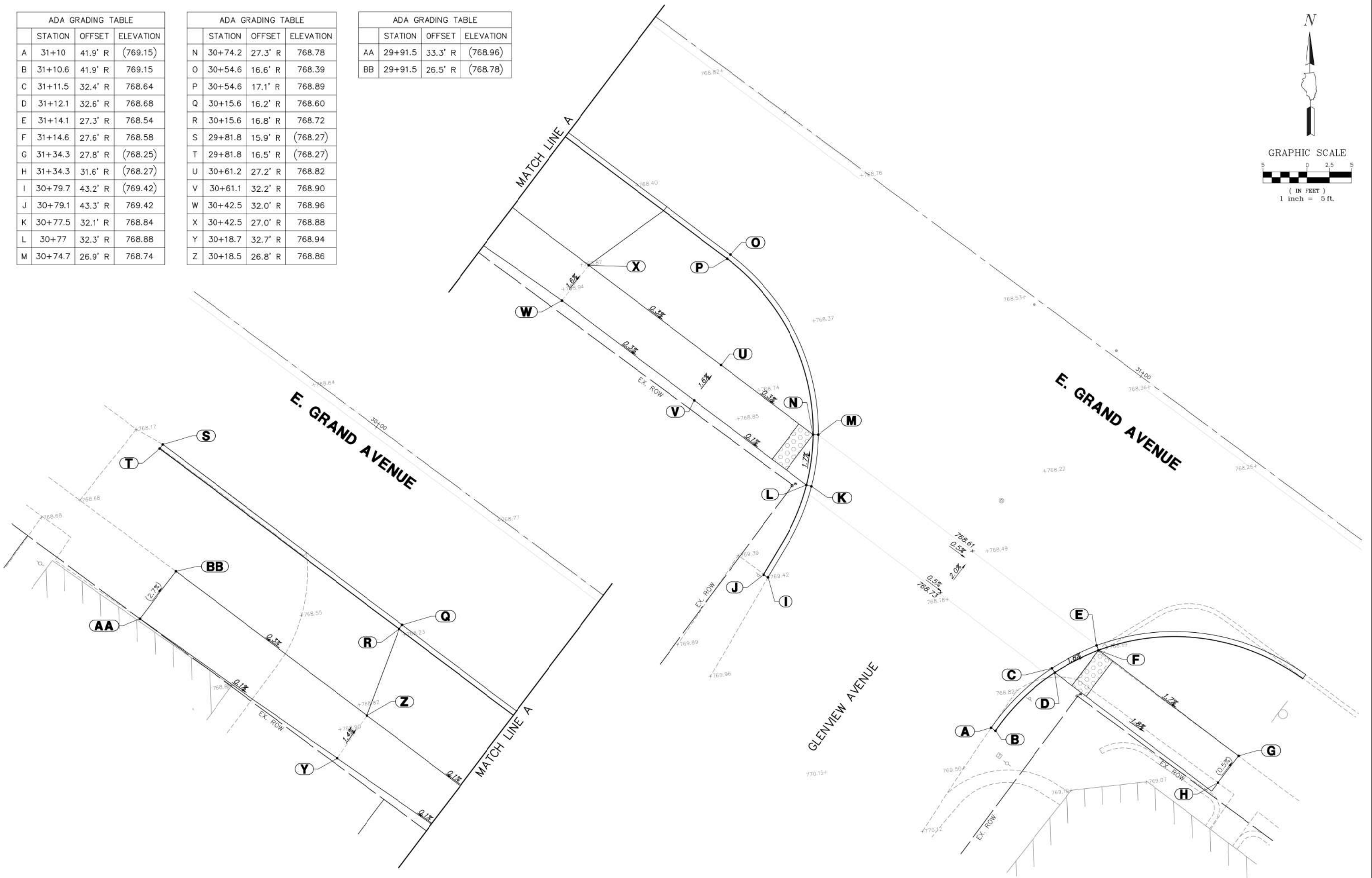
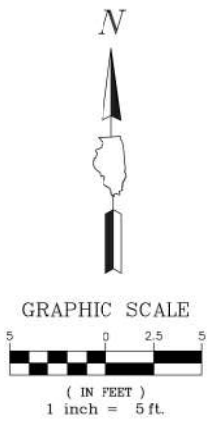
A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	38
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				

ADA GRADING TABLE			
STATION	OFFSET		ELEVATION
A	31+10	41.9' R	(769.15)
B	31+10.6	41.9' R	769.15
C	31+11.5	32.4' R	768.64
D	31+12.1	32.6' R	768.68
E	31+14.1	27.3' R	768.54
F	31+14.6	27.6' R	768.58
G	31+34.3	27.8' R	(768.25)
H	31+34.3	31.6' R	(768.27)
I	30+79.7	43.2' R	(769.42)
J	30+79.1	43.3' R	769.42
K	30+77.5	32.1' R	768.84
L	30+77	32.3' R	768.88
M	30+74.7	26.9' R	768.74

ADA GRADING TABLE			
STATION	OFFSET		ELEVATION
N	30+74.2	27.3' R	768.78
O	30+54.6	16.6' R	768.39
P	30+54.6	17.1' R	768.89
Q	30+15.6	16.2' R	768.60
R	30+15.6	16.8' R	768.72
S	29+81.8	15.9' R	(768.27)
T	29+81.8	16.5' R	(768.27)
U	30+61.2	27.2' R	768.82
V	30+61.1	32.2' R	768.90
W	30+42.5	32.0' R	768.96
X	30+42.5	27.0' R	768.88
Y	30+18.7	32.7' R	768.94
Z	30+18.5	26.8' R	768.86

ADA GRADING TABLE			
STATION	OFFSET		ELEVATION
AA	29+91.5	33.3' R	(768.96)
BB	29+91.5	26.5' R	(768.78)



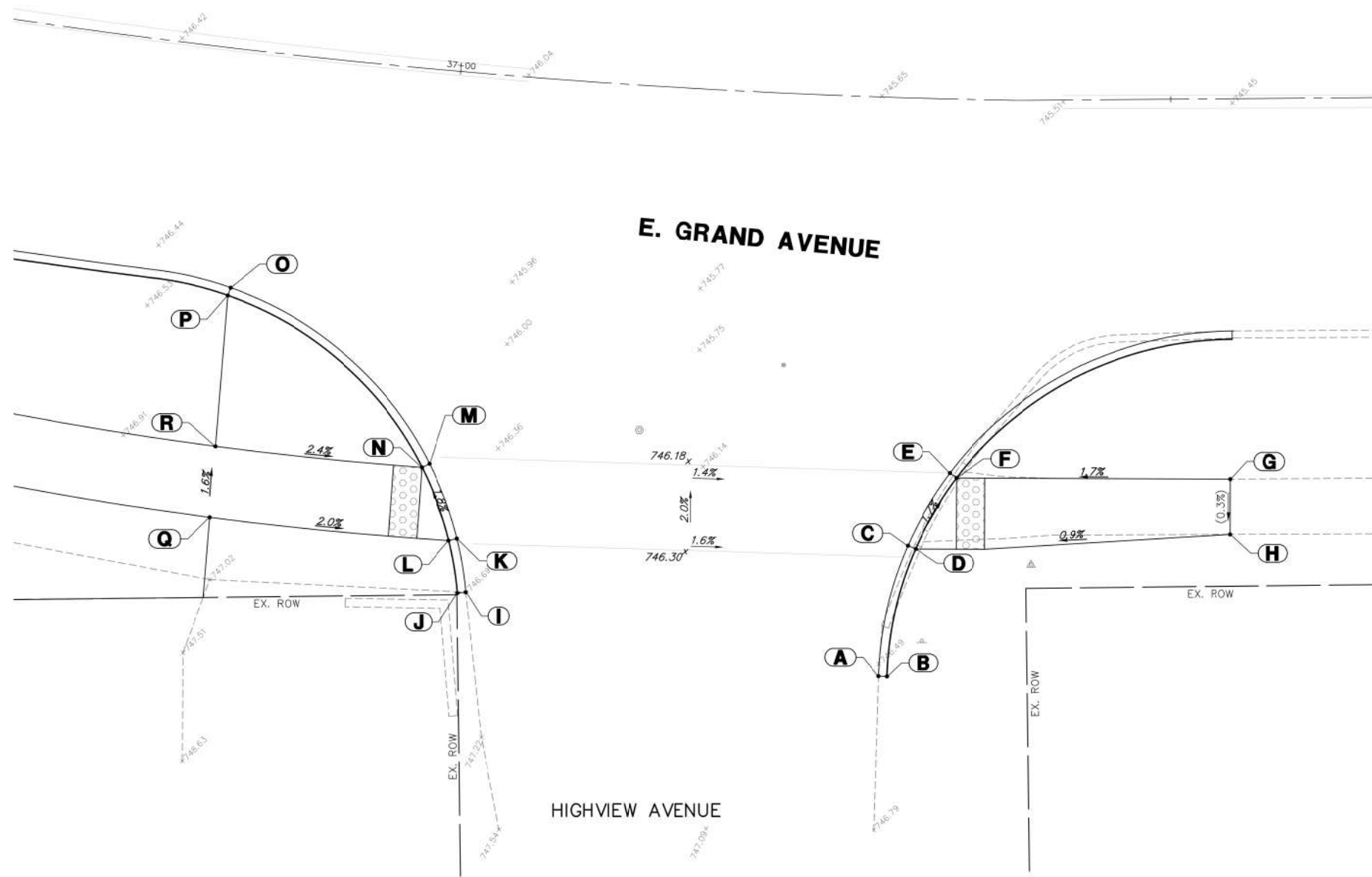
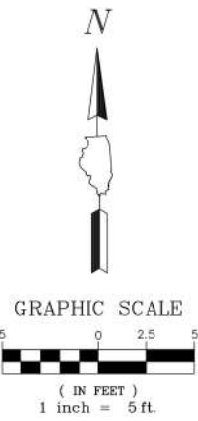
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		CHECKED -	REVISED -
PLOT SCALE = 1:20		DATE - 03/06/2018	REVISED -
PLOT DATE = 2/8/2019 1:54 PM			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING

SCALE: 1"=5' SHEET NO. OF SHEETS STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	39
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	37+30.7	40.7' R	(746.51)
B	37+31.3	40.7' R	746.51
C	37+32.4	31.5' R	746.05
D	37+32.9	31.7' R	746.09
E	37+35.1	26.3' R	745.95
F	37+35.5	26.6' R	745.99
G	37+54	26.7' R	(746.31)
H	37+53.9	30.6' R	(746.30)
I	37+03.3	36.5' R	(746.69)
J	37+02.8	36.6' R	746.69
K	37+02.5	32.7' R	746.55
L	37+01.9	32.9' R	746.59
M	37+00.2	27.7' R	746.45
N	36+99.7	28.0' R	746.49
O	36+85.6	16.8' R	746.40
P	36+85.5	17.3' R	746.52
Q	36+86	33.0' R	746.92
R	36+85.8	28.0' R	746.84

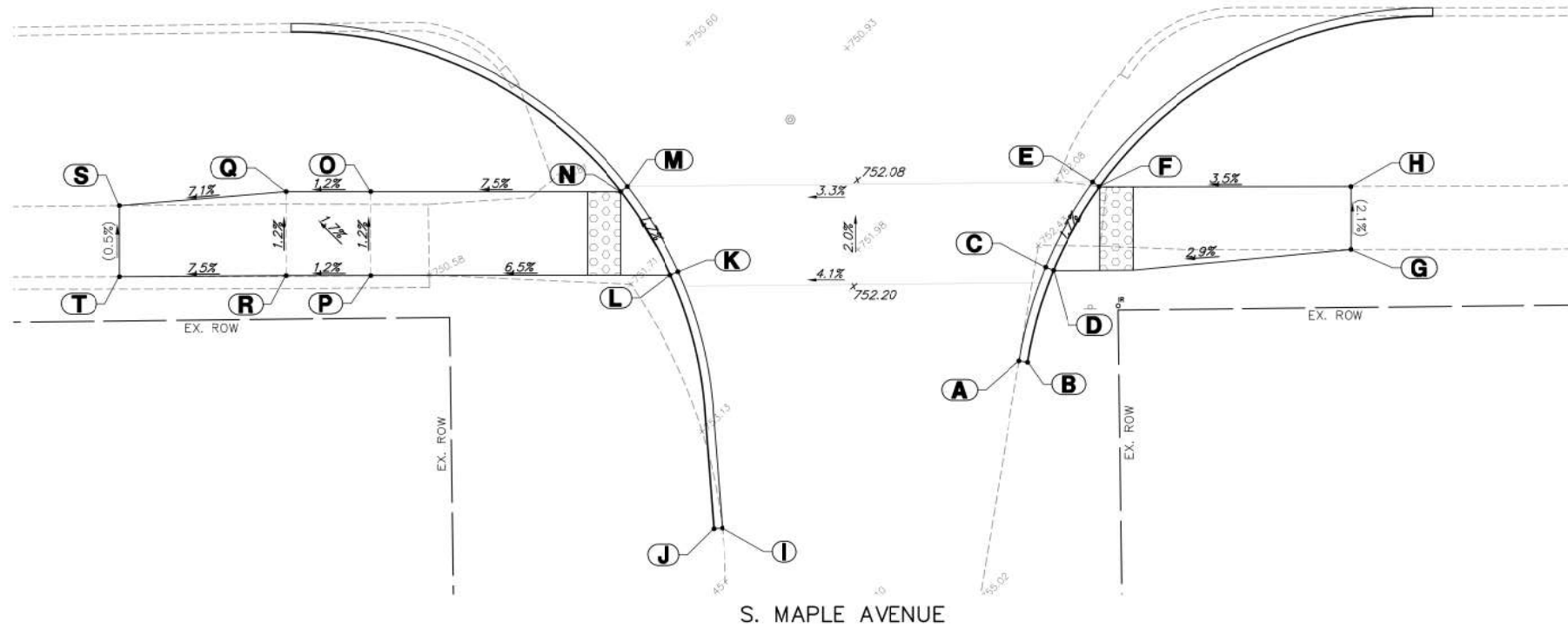
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PLOT DATE = 2/8/2019 1:51 PM		DATE - 03/06/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

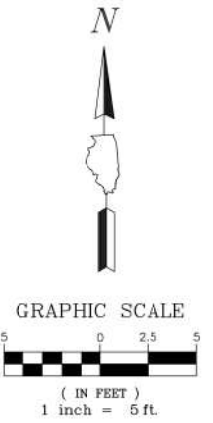
A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	41
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				

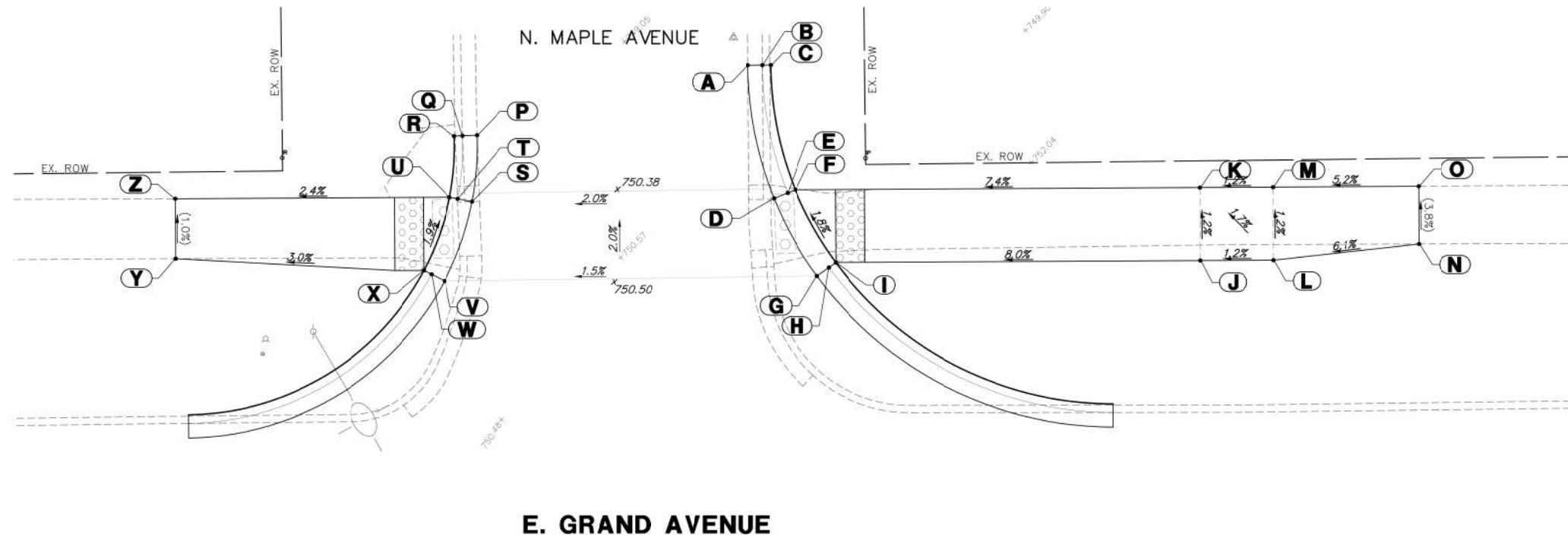
E. GRAND AVENUE



ADA GRADING TABLE			
STATION	OFFSET		ELEVATION
A	40+73.8	36.2' R	(753.27)
B	40+74.3	36.3' R	753.27
C	40+75.4	30.6' R	752.65
D	40+75.8	30.8' R	752.69
E	40+78.2	25.6' R	752.55
F	40+78.6	25.8' R	752.59
G	40+93.6	29.7' R	(753.20)
H	40+93.6	26.0' R	(753.12)
I	40+55.9	46.1' R	(753.99)
J	40+55.4	46.1' R	753.99
K	40+53.4	30.7' R	751.75
L	40+52.9	30.9' R	751.79
M	40+50.4	25.6' R	751.65
N	40+50	25.9' R	751.69
O	40+35	25.8' R	750.56
P	40+34.9	30.8' R	750.62
Q	40+30	25.8' R	750.50
R	40+29.9	30.8' R	750.56
S	40+20	26.5' R	(749.79)
T	40+19.9	30.8' R	(749.81)



S. MAPLE AVENUE



ADA GRADING TABLE			
STATION	OFFSET		ELEVATION
A	40+71.5	39.6' L	(749.26)
B	40+72.5	39.6' L	(749.24)
C	40+73.1	39.6' L	(749.55)
D	40+73.3	30.5' L	750.60
E	40+74.2	30.9' L	750.55
F	40+74.7	31.1' L	750.59
G	40+76.2	25.1' L	750.70
H	40+77	25.7' L	750.65
I	40+77.4	26.1' L	750.69
J	41+02.4	26.0' L	752.69
K	41+02.5	31.0' L	752.63
L	41+07.4	26.0' L	752.75
M	41+07.5	31.0' L	752.69
N	41+17.5	27.0' L	(753.36)
O	41+17.5	31.0' L	(753.21)
P	40+52.9	35.0' L	(749.78)
Q	40+51.9	34.9' L	(749.76)
R	40+51.3	34.9' L	(750.04)
S	40+52.5	30.4' L	750.20
T	40+51.6	30.6' L	750.15
U	40+51	30.7' L	750.19
V	40+50.6	25.0' L	750.30
W	40+49.7	25.5' L	750.25
X	40+49.2	25.7' L	750.29
Y	40+32.2	26.7' L	(749.78)
Z	40+32.2	30.8' L	(749.74)



E. GRAND AVENUE

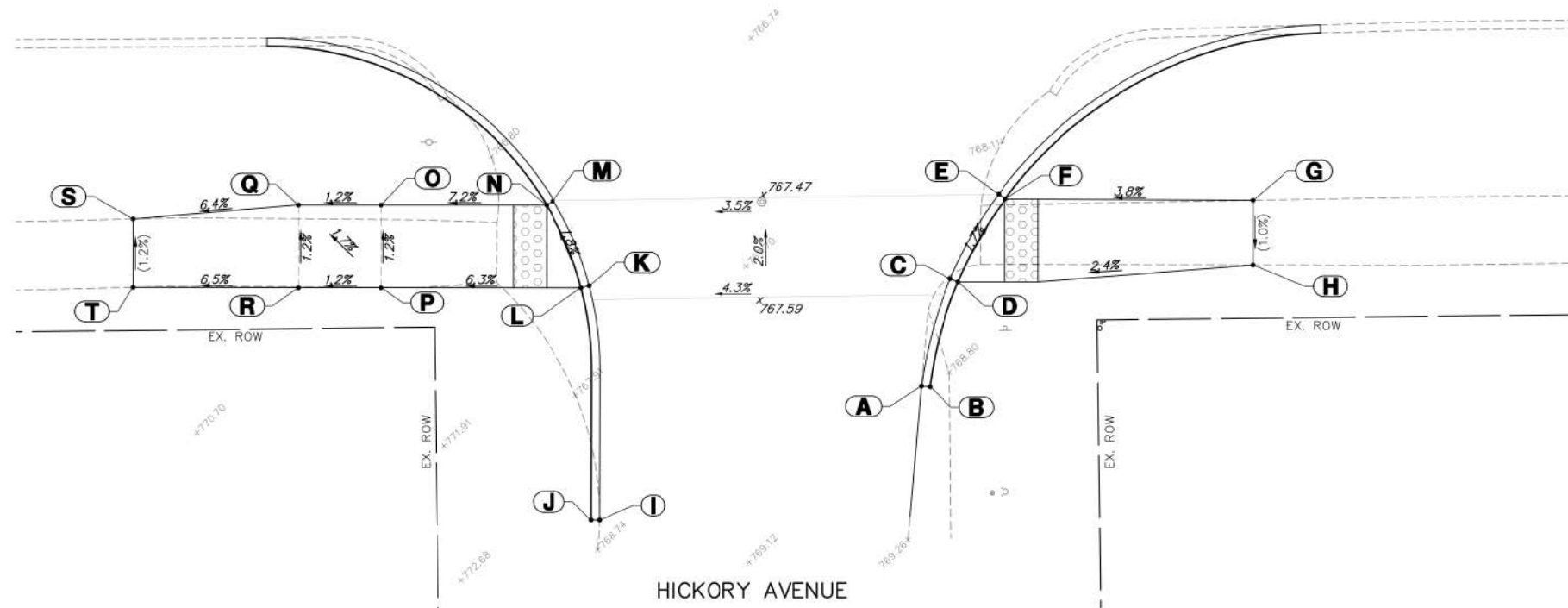
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		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

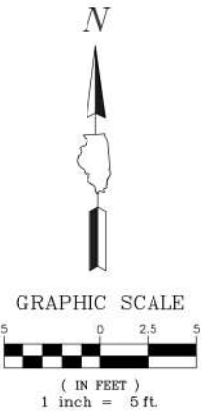
A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	42
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				

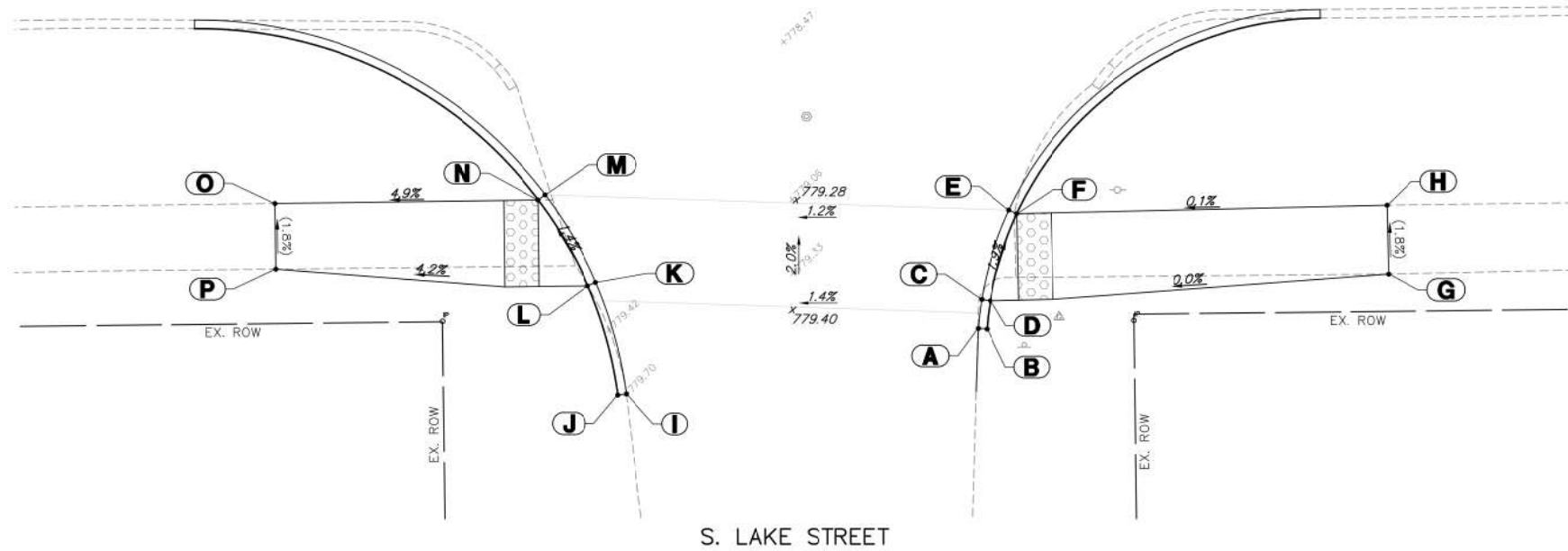
E. GRAND AVENUE



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	43+98.2	36.7' R	(768.75)
B	43+98.7	36.8' R	768.75
C	44+00.2	30.3' R	768.35
D	44+00.6	30.5' R	768.39
E	44+03.2	25.2' R	768.25
F	44+03.6	25.5' R	768.29
G	44+19	25.9' R	(768.86)
H	44+19	29.8' R	(768.82)
I	43+78.5	44.2' R	(768.59)
J	43+78	44.2' R	768.59
K	43+78.3	30.1' R	767.41
L	43+77.8	30.2' R	767.45
M	43+76.3	24.9' R	767.31
N	43+75.9	25.1' R	767.35
O	43+66.4	24.9' R	766.63
P	43+66.3	29.9' R	766.69
Q	43+61.4	24.9' R	766.57
R	43+61.3	29.9' R	766.63
S	43+51.4	25.6' R	(765.93)
T	43+51.3	29.8' R	(765.98)



E. GRAND AVENUE



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	47+30.4	33.7' R	(779.63)
B	47+30.9	33.8' R	779.63
C	47+30.7	32.0' R	779.54
D	47+31.2	32.1' R	779.58
E	47+32.3	26.9' R	779.44
F	47+32.8	27.1' R	779.48
G	47+54.2	30.8' R	(779.58)
H	47+54.2	26.9' R	(779.51)
I	47+10.1	37.3' R	(779.70)
J	47+09.6	37.4' R	779.70
K	47+08.4	30.8' R	779.24
L	47+07.9	31.0' R	779.28
M	47+05.5	25.7' R	779.16
N	47+05.1	26.0' R	779.20
O	46+89.9	26.1' R	(778.45)
P	46+89.9	29.9' R	(778.52)

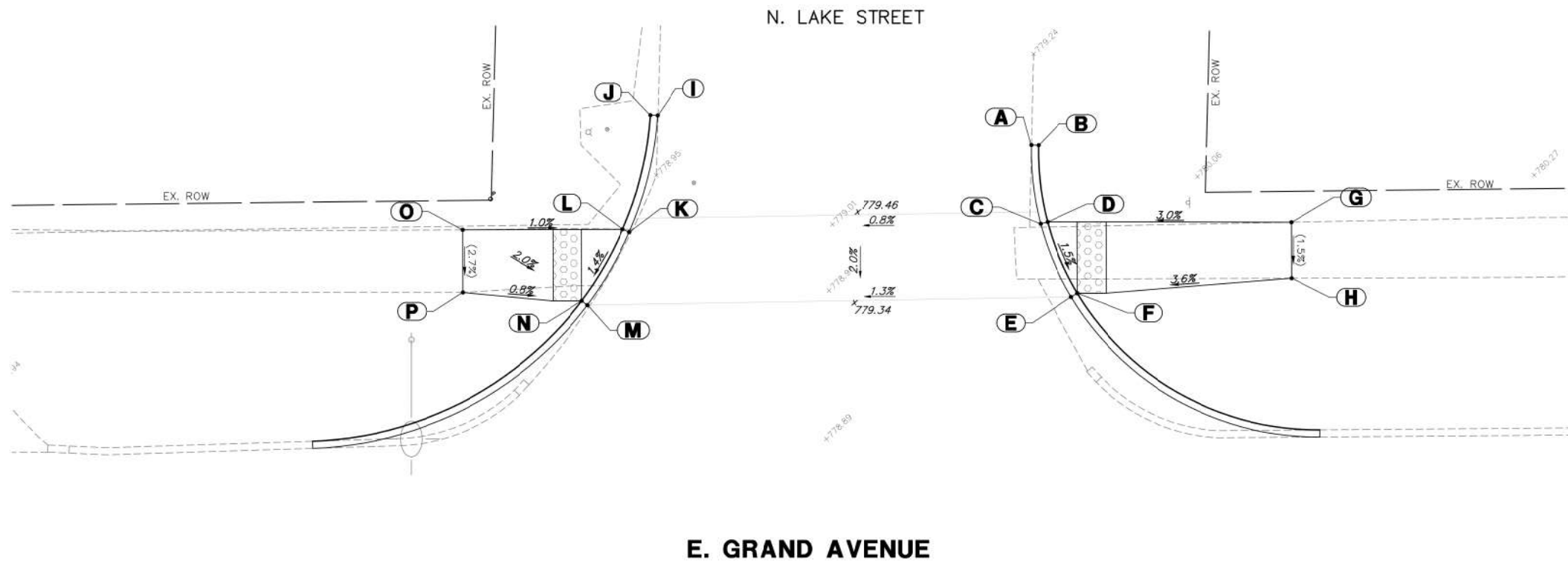


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		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -

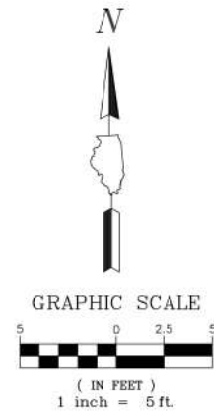
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

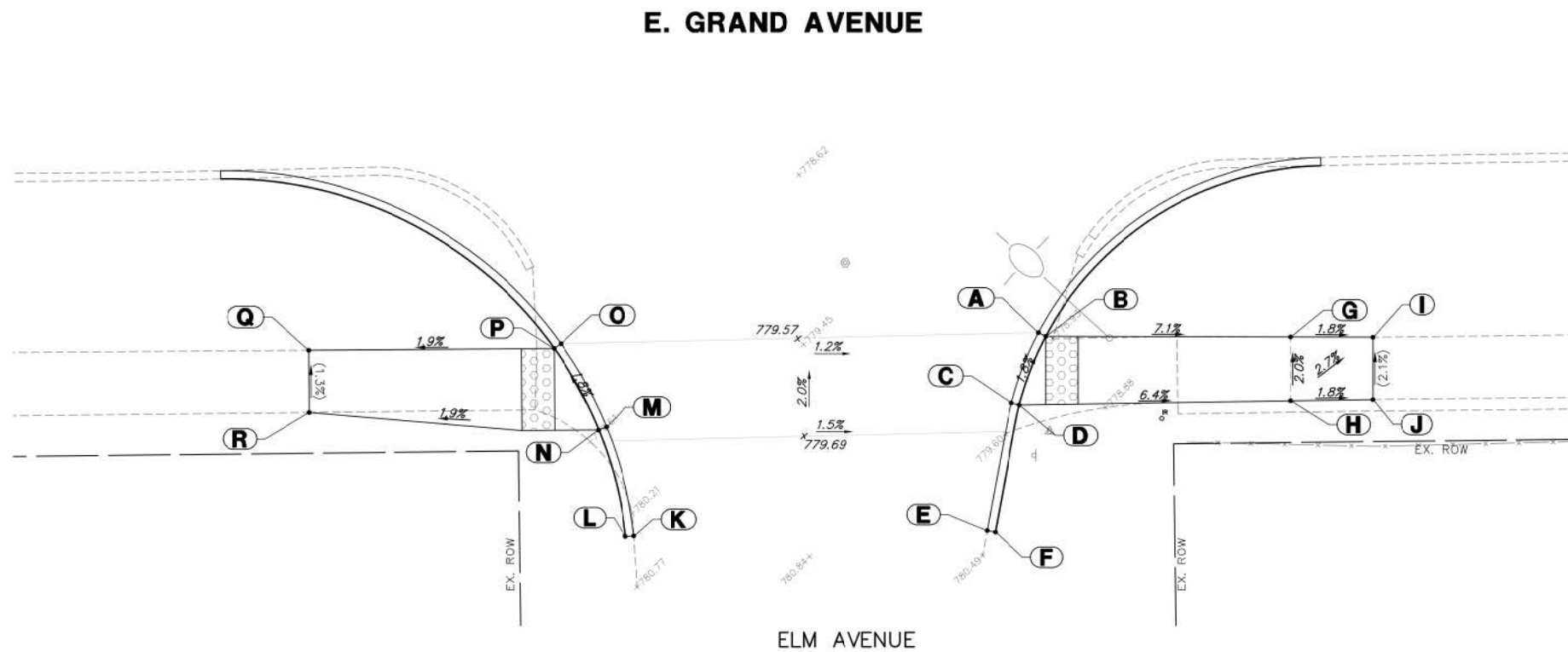
FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	43
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	47+70	36.4' L	(779.26)
B	47+70.5	36.4' L	779.26
C	47+70.6	30.9' L	779.20
D	47+71.1	31.0' L	779.24
E	47+72.7	25.8' L	779.12
F	47+73.1	26.0' L	779.16
G	47+88.2	30.8' L	(779.76)
H	47+88.1	26.9' L	(779.70)
I	47+43.9	38.8' L	(778.93)
J	47+43.4	38.8' L	778.93
K	47+41.8	30.7' L	778.98
L	47+41.3	30.9' L	779.02
M	47+38.8	25.6' L	778.90
N	47+38.4	25.9' L	778.94
O	47+30.1	30.9' L	(779.13)
P	47+30.1	26.6' L	(779.01)



E. GRAND AVENUE



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	50+58.3	26.1' R	779.40
B	50+58.7	26.4' R	779.44
C	50+56.6	30.4' R	779.48
D	50+57.1	30.5' R	779.52
E	50+55	38.2' R	(780.31)
F	50+55.5	38.3' R	780.31
G	50+73.7	26.5' R	778.37
H	50+73.7	30.5' R	778.45
I	50+78.7	26.6' R	(778.28)
J	50+78.7	30.4' R	(778.36)
K	50+33.5	38.3' R	(780.38)
L	50+32.9	38.3' R	780.38
M	50+31.8	31.6' R	779.85
N	50+31.4	31.8' R	779.89
O	50+29.1	26.5' R	779.75
P	50+28.7	26.8' R	779.79
Q	50+13.7	26.7' R	(779.51)
R	50+13.7	30.5' R	(779.56)



ELM AVENUE

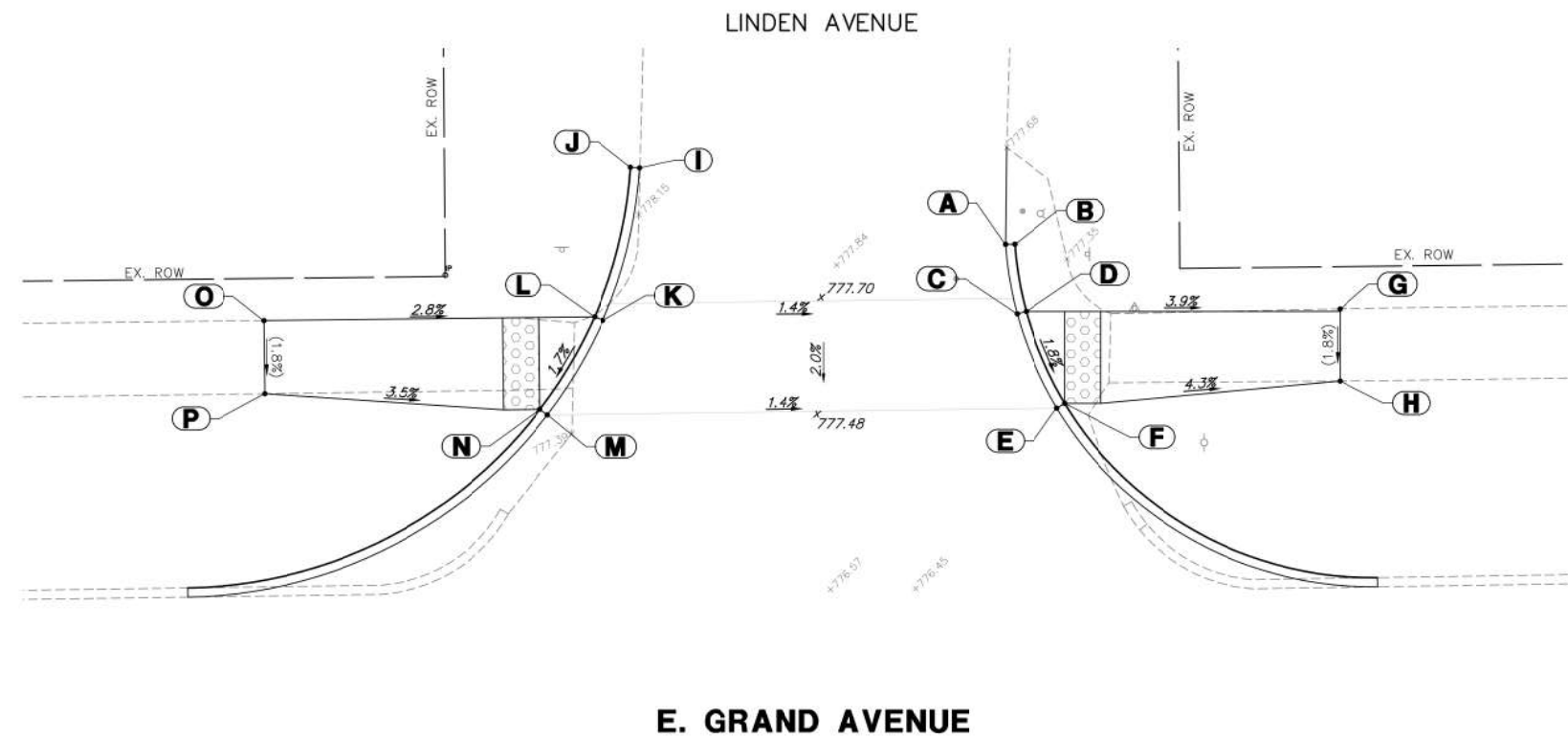
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

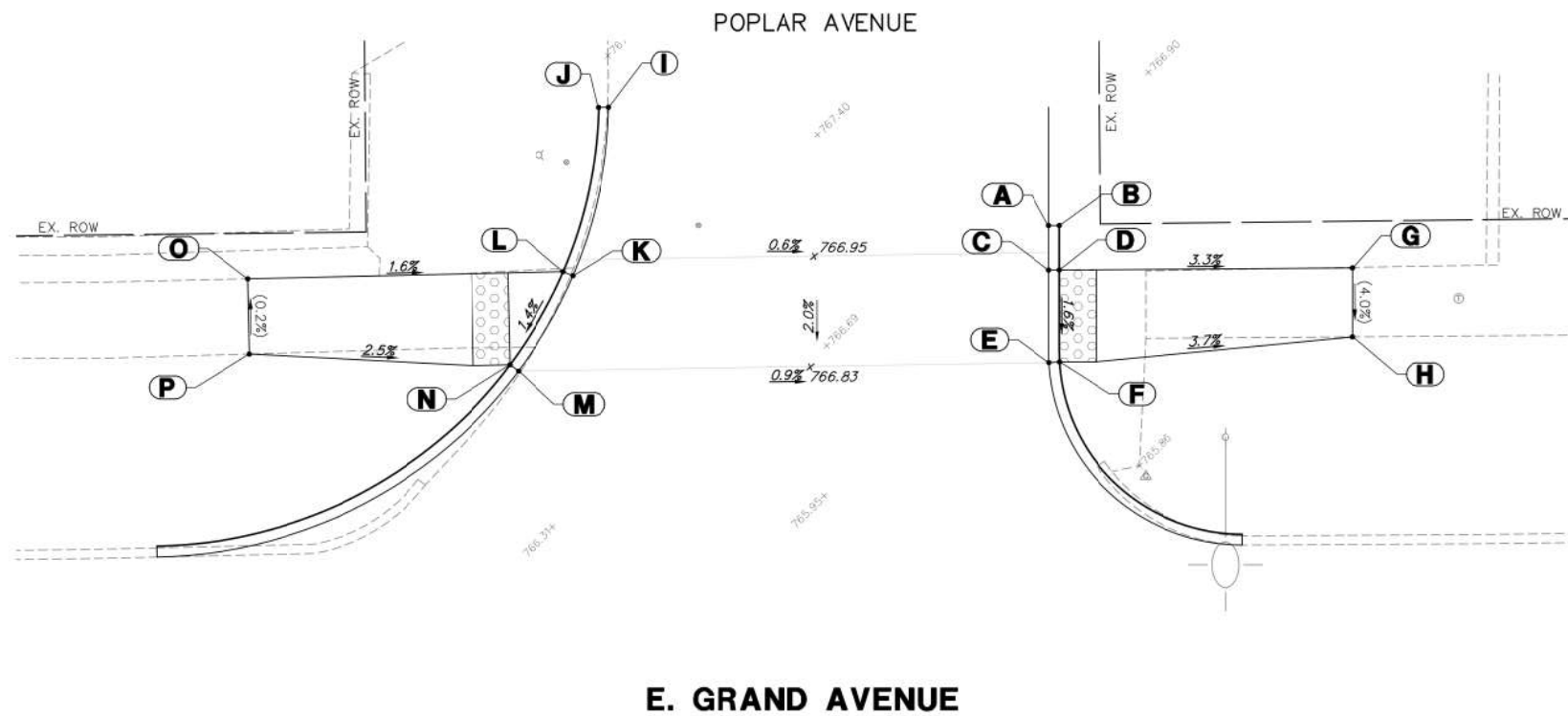
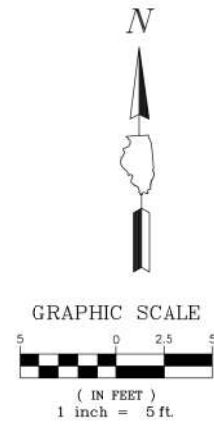
A.D.A. INTERSECTION GRADING

SCALE: 1"=5' SHEET NO. OF SHEETS STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	44
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
A	51+34.8 34.4' L	(777.51)
B	51+35.3 34.4' L	777.51
C	51+35.4 30.6' L	777.10
D	51+35.9 30.8' L	777.14
E	51+37.5 25.5' L	777.00
F	51+38 25.7' L	777.04
G	51+53 30.7' L	(776.47)
H	51+53 26.8' L	(776.40)
I	51+15 38.8' L	(778.27)
J	51+14.5 38.8' L	778.27
K	51+12.9 30.5' L	777.50
L	51+12.4 30.7' L	777.54
M	51+09.8 25.4' L	777.40
N	51+09.4 25.7' L	777.44
O	50+94.4 30.7' L	(778.04)
P	50+94.4 26.7' L	(777.97)



ADA GRADING TABLE		
STATION	OFFSET	ELEVATION
A	54+81.9 33.0' L	(766.55)
B	54+82.4 33.0' L	766.55
C	54+81.8 30.6' L	766.51
D	54+82.4 30.6' L	766.55
E	54+81.8 25.5' L	766.43
F	54+82.4 25.6' L	766.47
G	54+98.4 30.5' L	(766.02)
H	54+98.4 26.8' L	(765.87)
I	54+58 39.7' L	(767.59)
J	54+57.4 39.7' L	767.59
K	54+55.9 30.5' L	766.88
L	54+55.4 30.8' L	766.92
M	54+52.9 25.4' L	766.80
N	54+52.5 25.7' L	766.84
O	54+38.2 30.6' L	(767.19)
P	54+38.3 26.5' L	(767.20)



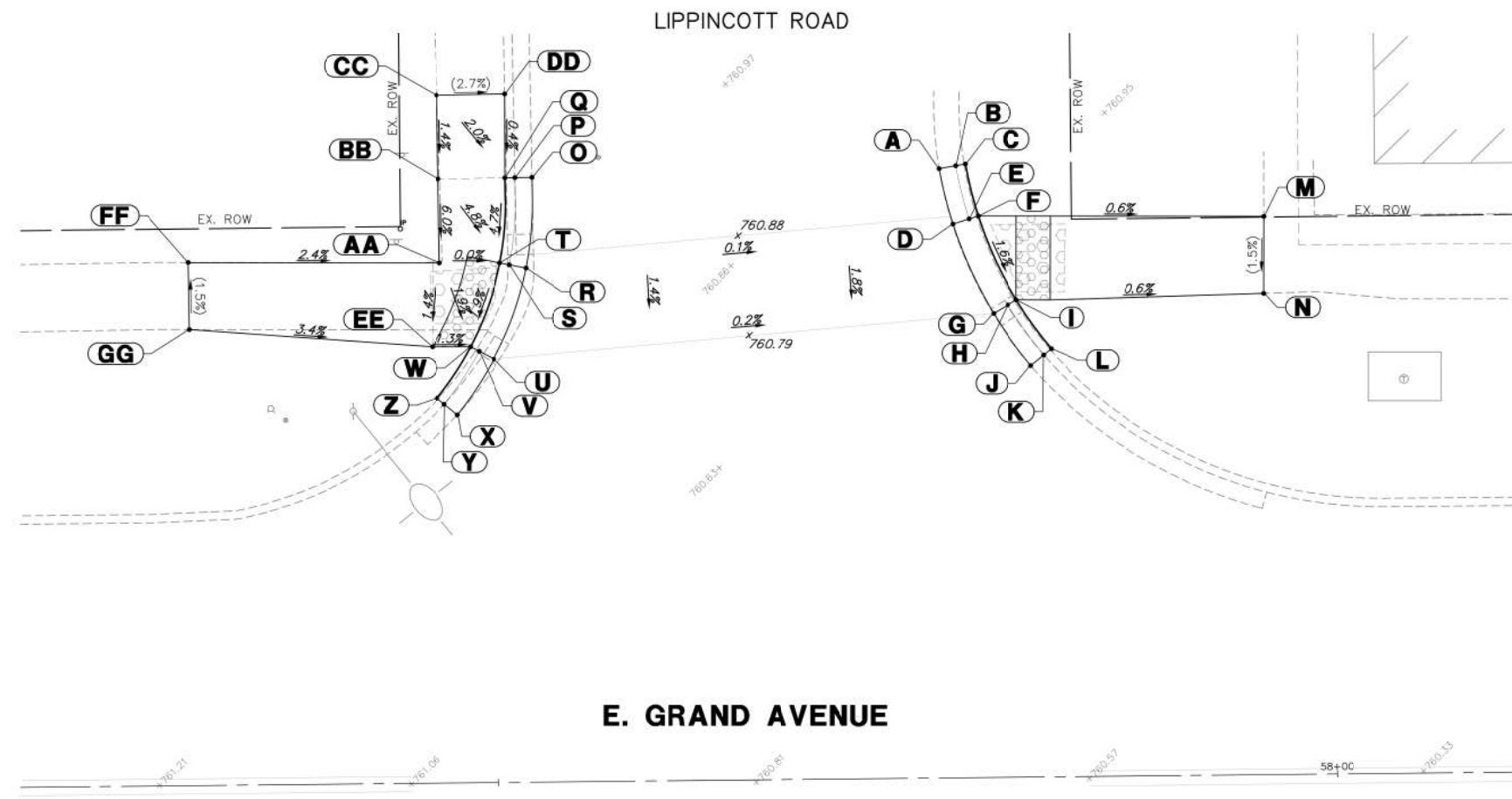
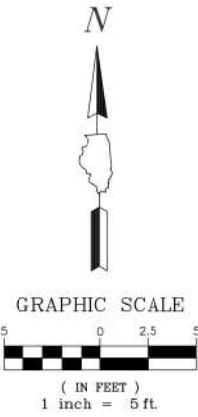
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		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING

SCALE: 1"=5' SHEET NO. OF SHEETS STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	45
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	57+76.6	36.3' L	(760.98)
B	57+77.6	36.5' L	(760.92)
C	57+78.2	36.6' L	(761.42)
D	57+77.4	33.0' L	760.92
E	57+78.4	33.3' L	760.87
F	57+78.9	33.5' L	760.91
G	57+79.8	27.7' L	760.83
H	57+80.6	28.2' L	760.78
I	57+81.1	28.5' L	760.82
J	57+82	24.5' L	(760.72)
K	57+82.7	25.2' L	(760.66)
L	57+83.2	25.5' L	(761.16)
M	57+96	33.3' L	(760.80)
N	57+95.9	28.7' L	(760.73)
O	57+52.3	36.1' L	(761.03)
P	57+51.3	36.1' L	(761.00)
Q	57+50.8	36.1' L	761.21
R	57+51.9	30.7' L	760.98
S	57+50.9	30.9' L	760.93
T	57+50.4	31.0' L	760.97
U	57+50	25.3' L	760.88
V	57+49.1	25.7' L	760.83
W	57+48.6	26.0' L	760.87
X	57+47.7	21.9' L	(760.77)
Y	57+47	22.6' L	(760.71)
Z	57+46.5	23.0' L	(761.21)

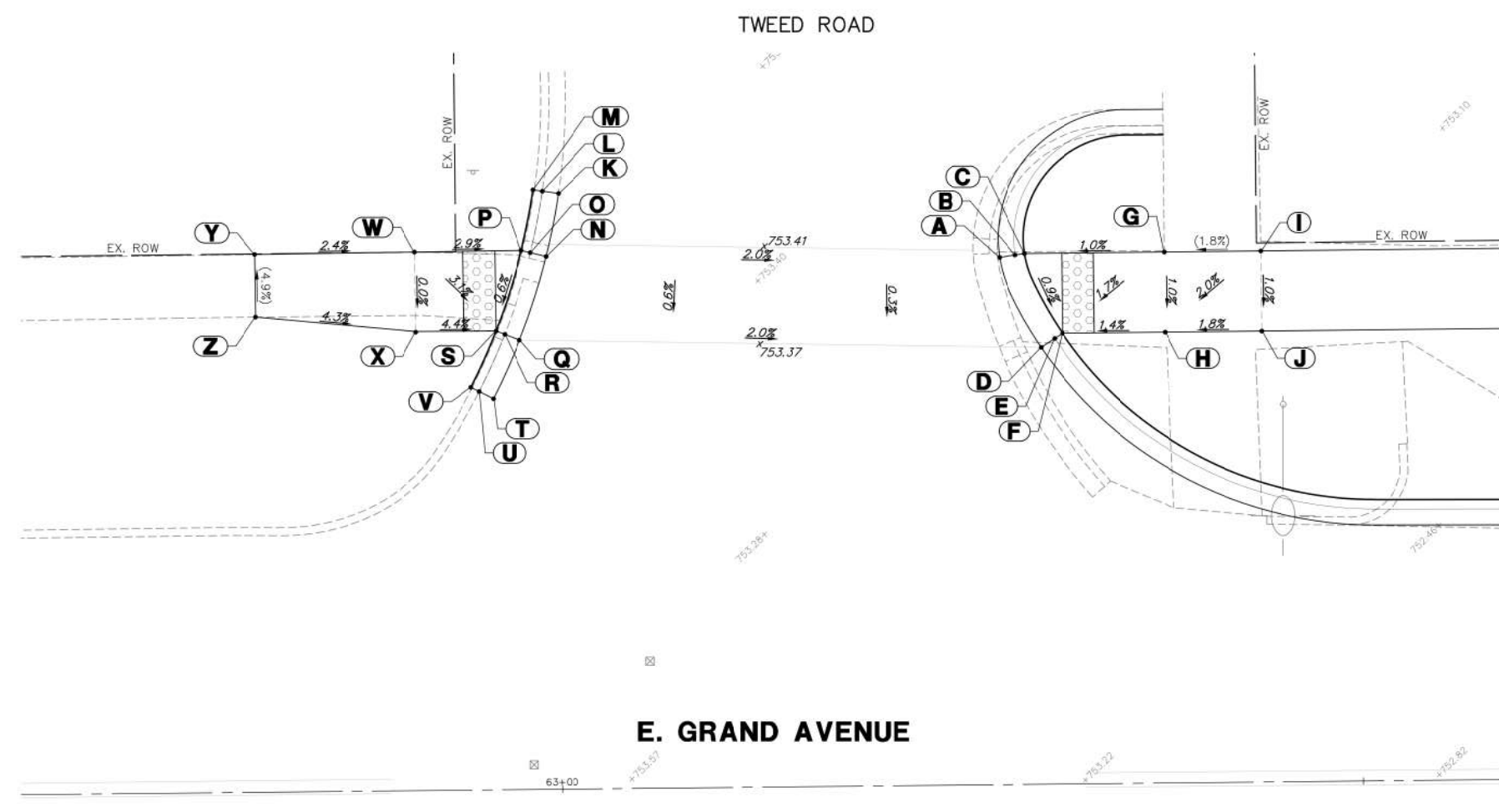
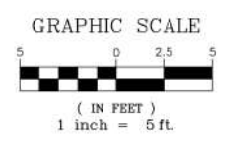
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	57+46.8	31.0' L	760.97
BB	57+46.7	36.0' L	761.27
CC	57+46.7	41.0' L	(761.34)
DD	57+50.8	41.1' L	(761.23)
EE	57+46.3	26.0' L	760.90
FF	57+31.8	31.2' L	(761.33)
GG	57+31.8	27.2' L	(761.39)

FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
		DATE - 03/06/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	47
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



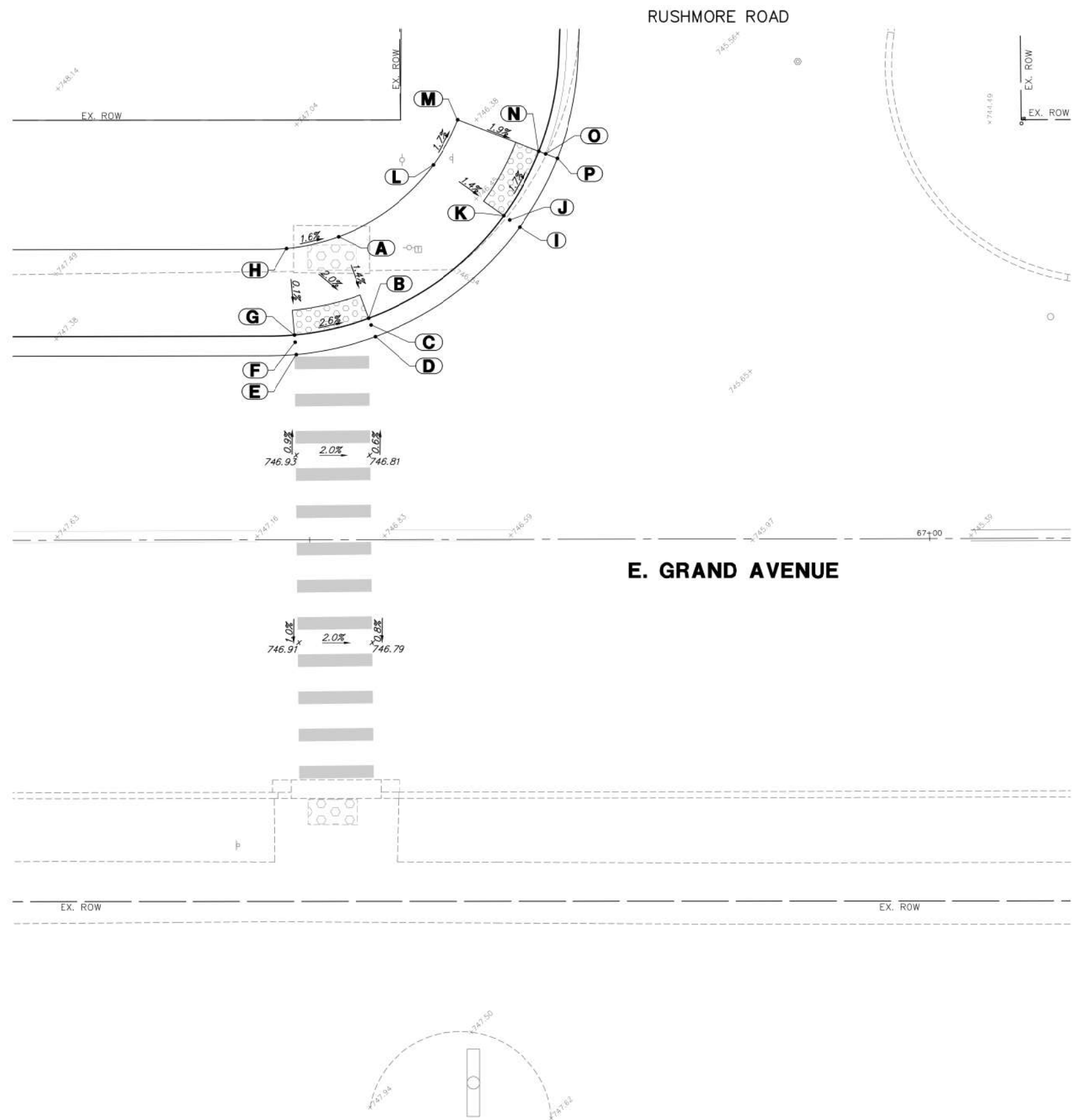
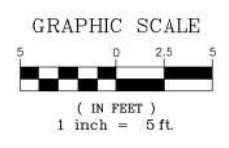
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	63+27.6	32.9' L	752.90
B	63+28.6	33.0' L	752.85
C	63+29.2	33.1' L	752.89
D	63+30.1	27.3' L	752.85
E	63+31	27.8' L	752.80
F	63+31.5	28.1' L	752.84
G	63+37.9	33.1' L	(752.98)
H	63+37.9	28.1' L	752.93
I	63+43.9	33.1' L	(753.09)
J	63+43.9	28.1' L	753.04
K	63+00.1	37.2' L	(753.55)
L	62+99.1	37.3' L	(753.49)
M	62+98.6	37.4' L	(753.99)
N	62+99.3	33.3' L	753.54
O	62+98.4	33.5' L	753.49
P	62+97.8	33.6' L	753.53
Q	62+97.6	28.0' L	753.51
R	62+96.7	28.4' L	753.46
S	62+96.2	28.6' L	753.50
T	62+96	24.4' L	(753.49)
U	62+95.1	24.9' L	(753.44)
V	62+94.6	25.1' L	(753.48)
W	62+91.1	33.6' L	753.72
X	62+91.2	28.6' L	753.72
Y	62+81.1	33.6' L	(753.96)
Z	62+81.2	29.7' L	(754.15)

FILE NAME = 4870160_ADA.dwg	USER NAME = MARK COBB	DESIGNED -	REVISED - 01.14.19 PER IDOT COMMENTS
		DRAWN -	REVISED - 02.08.19 PER IDOT COMMENTS
		CHECKED -	REVISED -
PLOT SCALE = 1:20		DATE - 03/06/2018	REVISED -
PLOT DATE = 2/8/2019 1:42 PM			

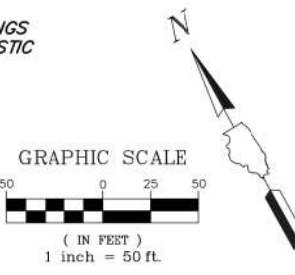
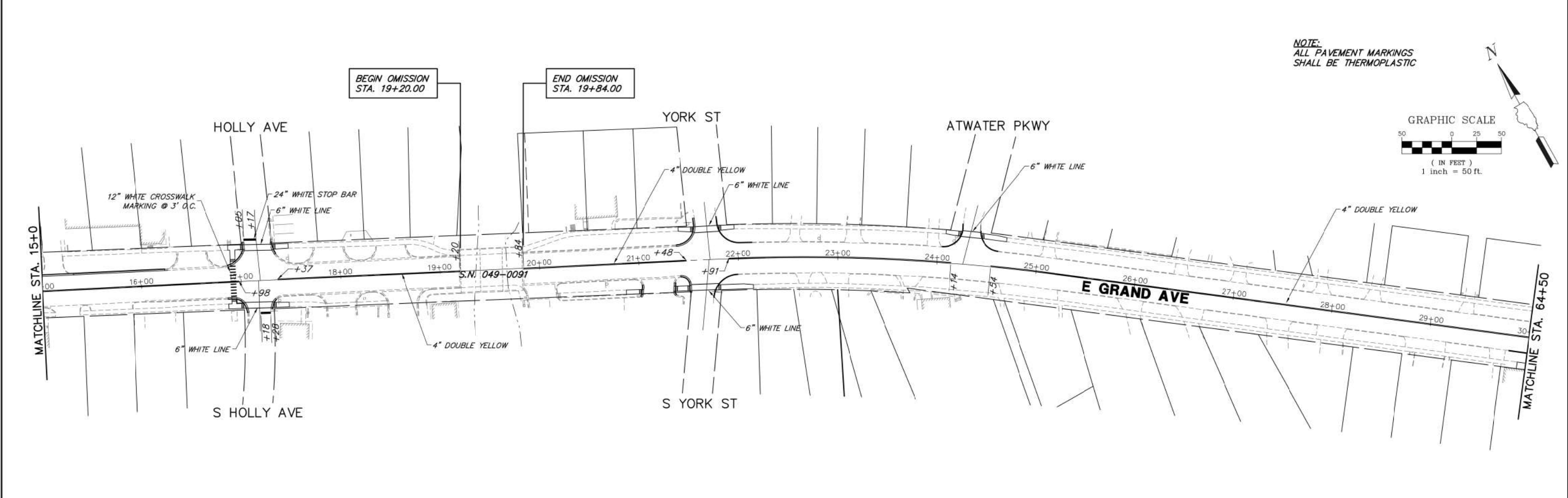
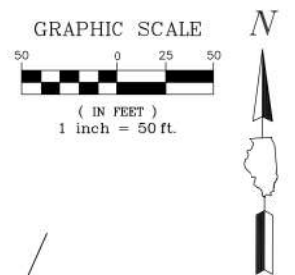
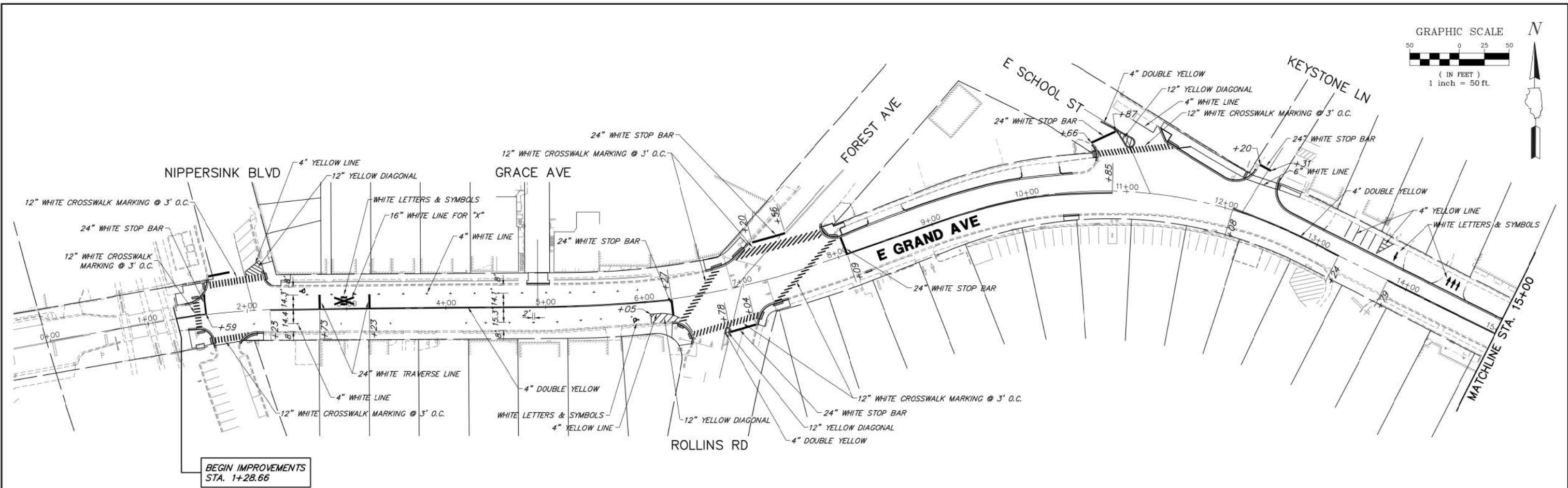
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

A.D.A. INTERSECTION GRADING			
SCALE: 1"=5'	SHEET NO.	OF SHEETS	STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	48
CONTRACT #:			61F69	
ILLINOIS FED. AID PROJECT				



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	66+52.4	24.4' L	(746.86)
B	66+54.8	17.9' L	746.76
C	66+55	17.3' L	746.72
D	66+55.4	16.4' L	(746.77)
E	66+49	14.9' L	(746.93)
F	66+48.9	15.9' L	746.88
G	66+48.8	16.5' L	746.92
H	66+48.2	23.5' L	(746.93)
I	66+67	25.2' L	(746.30)
J	66+66.2	25.8' L	746.25
K	66+65.7	26.1' L	746.29
L	66+60	30.2' L	746.39
M	66+62	33.8' L	746.32
N	66+68.5	31.3' L	746.19
O	66+69.1	31.1' L	746.15
P	66+70	30.7' L	(746.20)



FILE NAME = 4870160_PR1.dwg
 USER NAME = MARK COBB
 PLOT SCALE = 1:20
 PLOT DATE = 2/8/2019 2:14 PM

DESIGNED - KLB
 DRAWN - GHA
 CHECKED - MGC
 DATE - 11.12.18

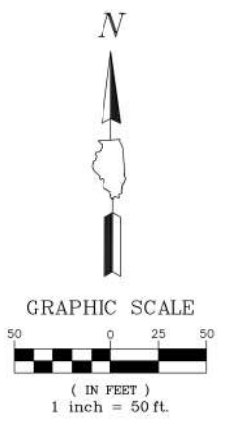
REVISED - 01.14.19 PER IDOT COMMENTS
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 REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

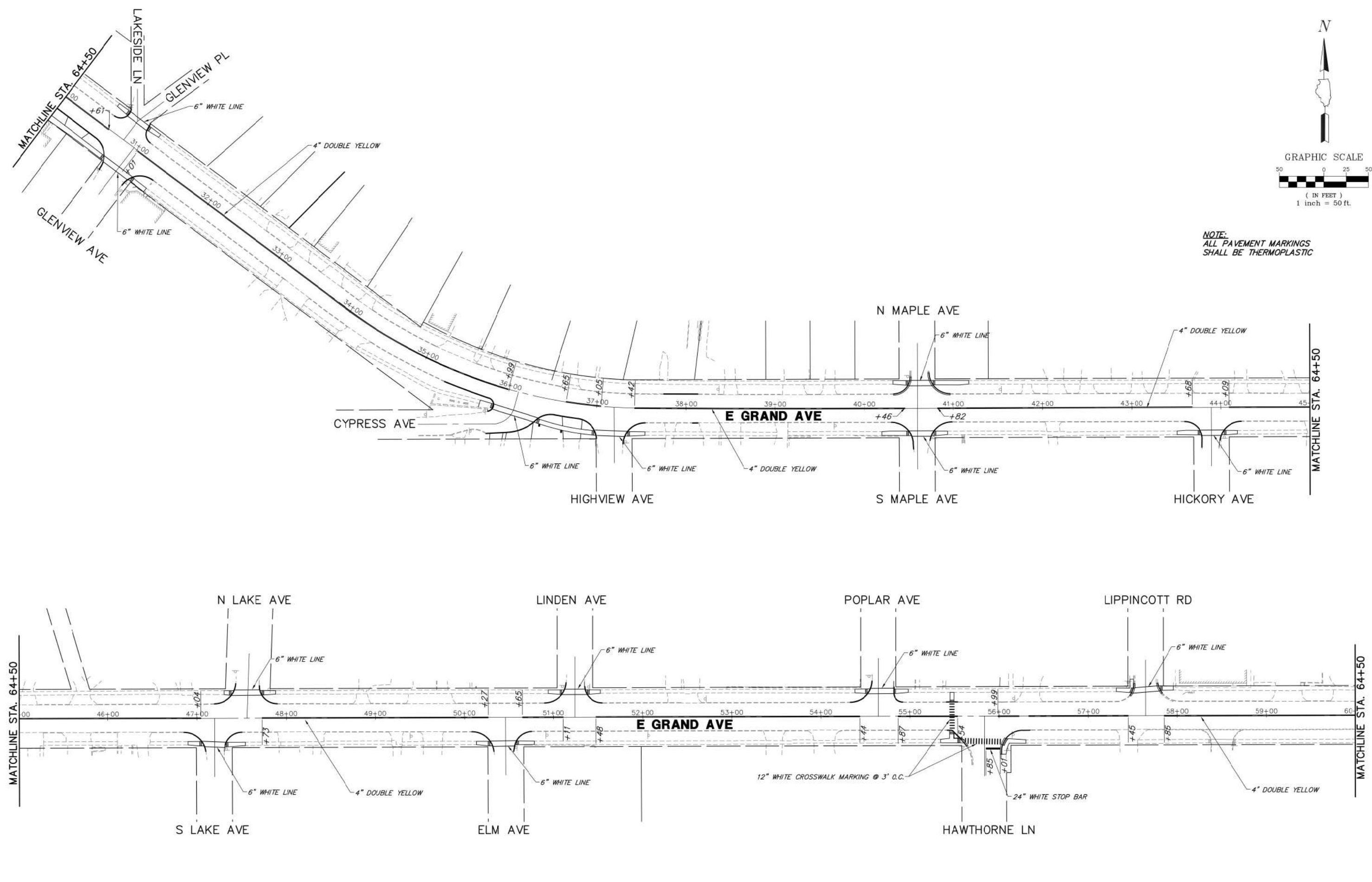
PAVEMENT MARKING PLAN

SCALE: 1"=50'
 SHEET NO. OF SHEETS STA. TO STA.

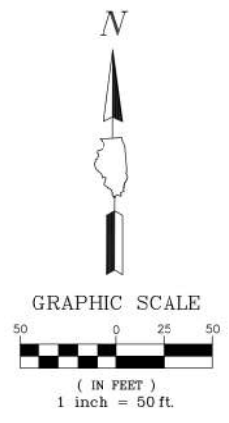
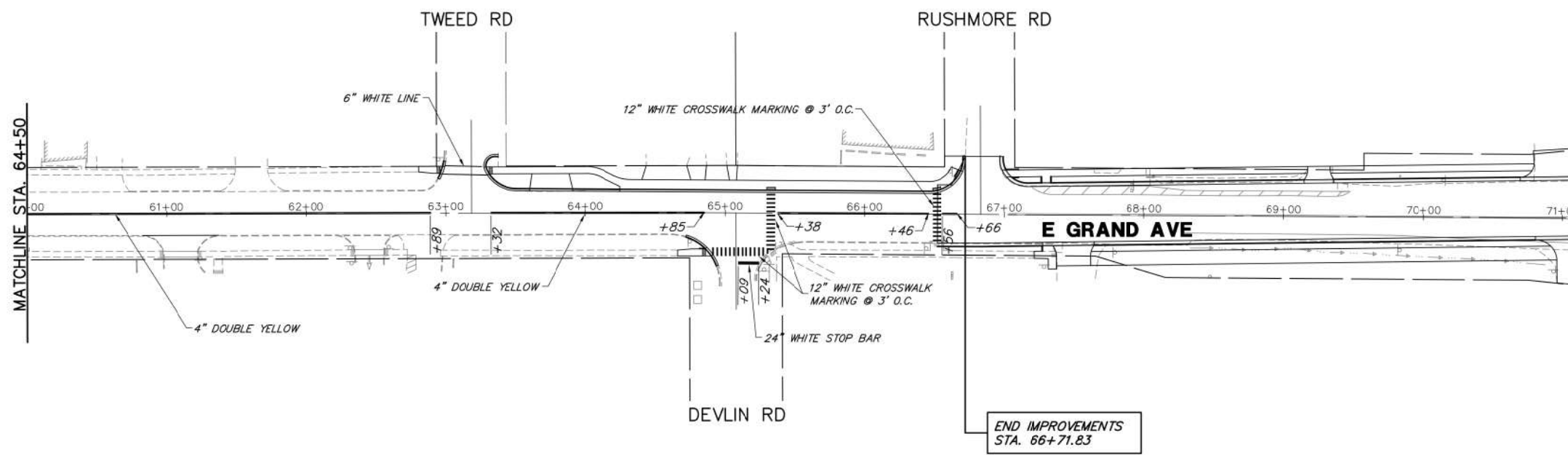
FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	51
CONTRACT #			61F69	
ILLINOIS FED. AID PROJECT				



NOTE:
ALL PAVEMENT MARKINGS
SHALL BE THERMOPLASTIC

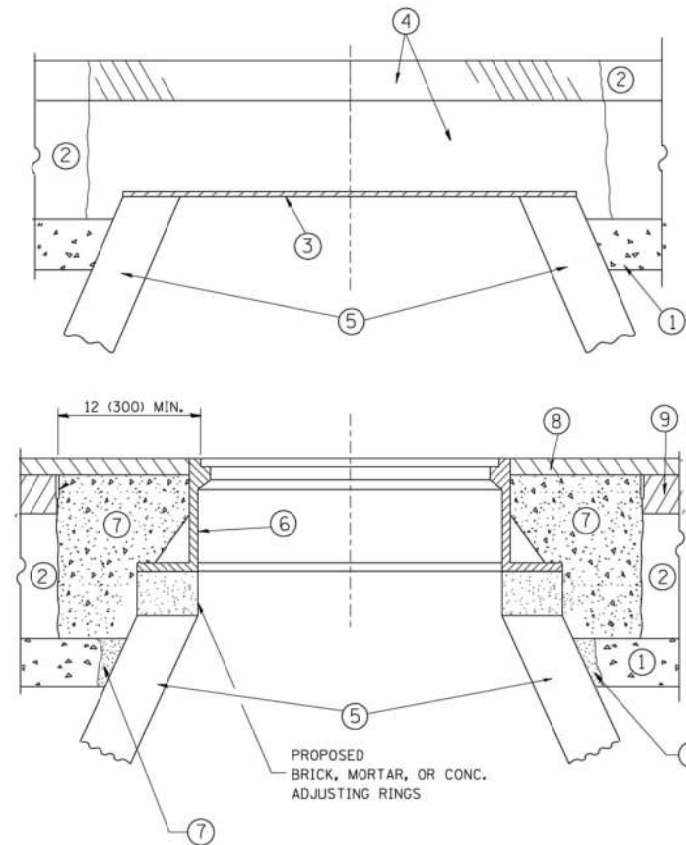


FILE NAME = 4870160_PR1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN			FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 2/8/2019 2:14 PM	CHECKED - MGC	DATE - 11.12.18	REVISED -	SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT #: 61F69 ILLINOIS FED. AID PROJECT			



NOTE:
ALL PAVEMENT MARKINGS
SHALL BE THERMOPLASTIC

FILE NAME = 4870160_PR1.dwg	USER NAME = MARK COBB	DESIGNED - KLB	REVISED - 01.14.19 PER IDOT COMMENTS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN			FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 2/8/2019 2:13 PM	DATE - 11.12.18	CHECKED - MGC	REVISED -	SCALE: 1"=50'			SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT #:	61F69
											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 1/2 (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

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.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

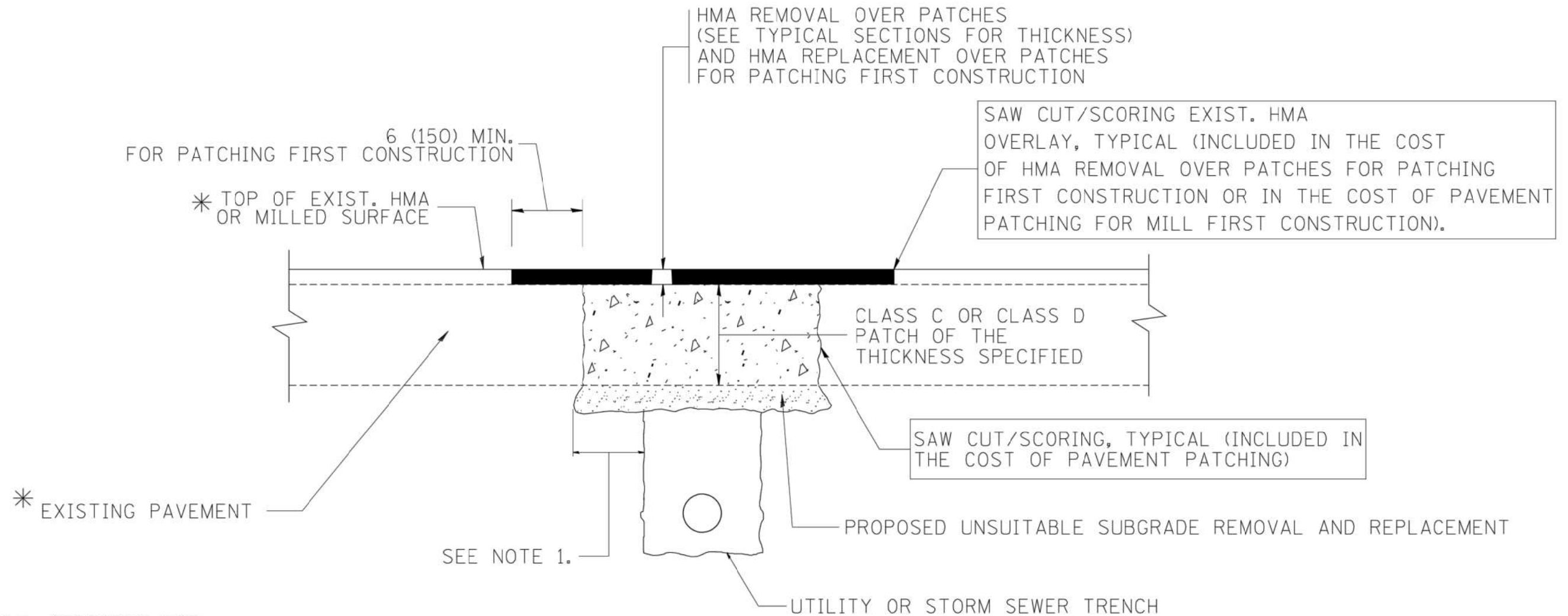
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
ct\pw_work\pwidot\bauerdl\d0188315\bd08.dgn		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**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.
169	17-00027-00-R5	LAKE	63	54
BD600-03 (BD-8)		CONTRACT NO. 61F69		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bouerd1	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - R. BCRO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	169	17-00027-00-R5	LAKE	63	55
		PLOT SCALE = 50.000' / IN.	REVISED - R. BCRO 09-04-07					BD400-04 (BD-22)		CONTRACT NO. 61F69			
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

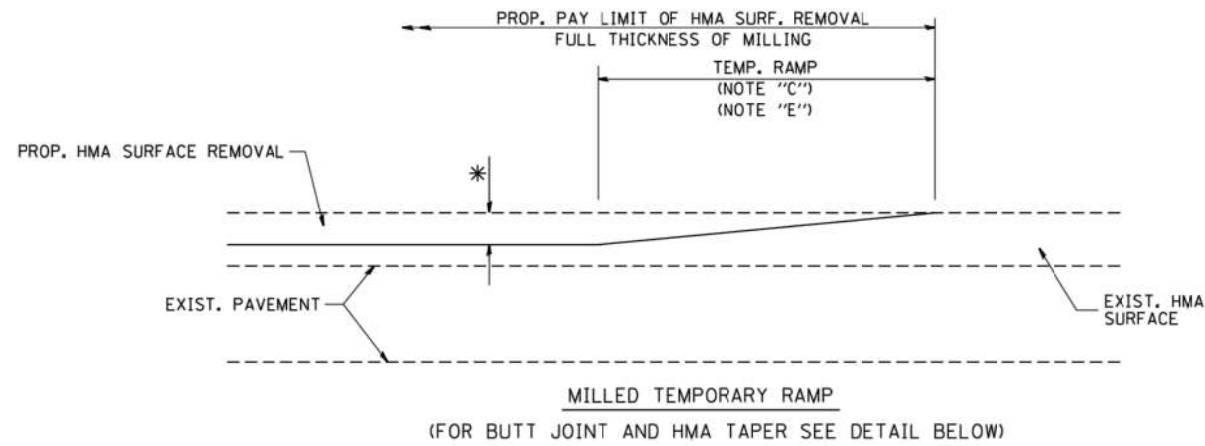
BASIS OF PAYMENT:

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

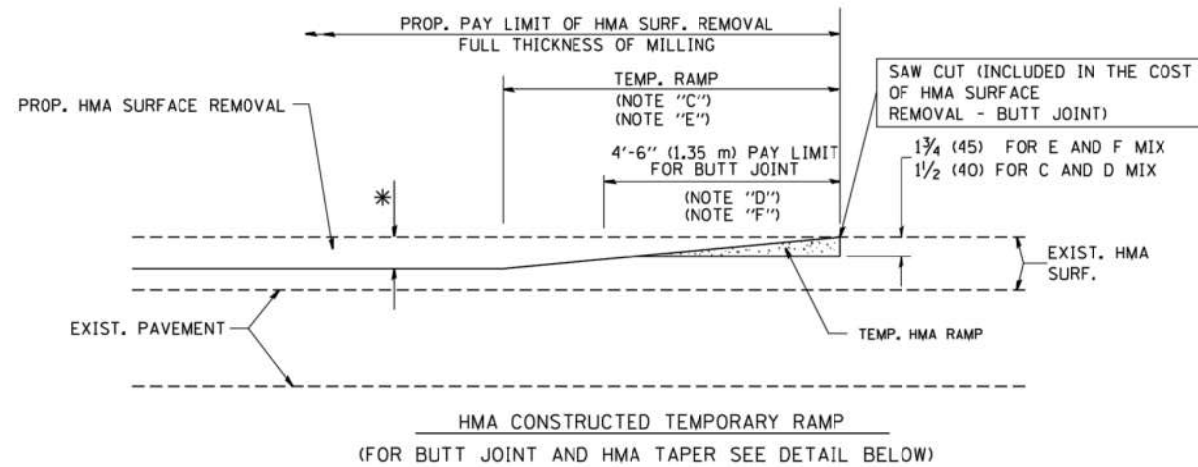
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = drvakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pwwork\drvakosgn\d0108315\bd24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	169			17-00027-00-R5	LAKE	63	56	
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01	BD600-06 (BD-24)			CONTRACT NO. 61F69				
PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

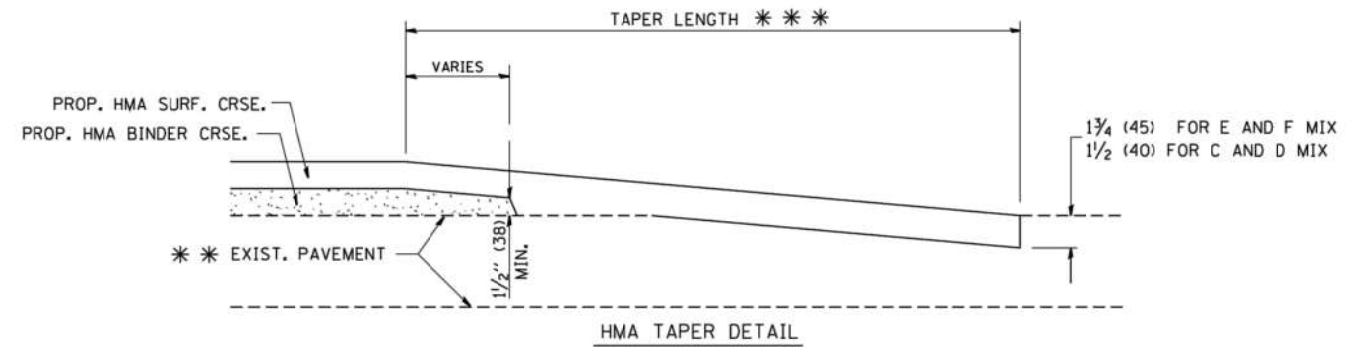
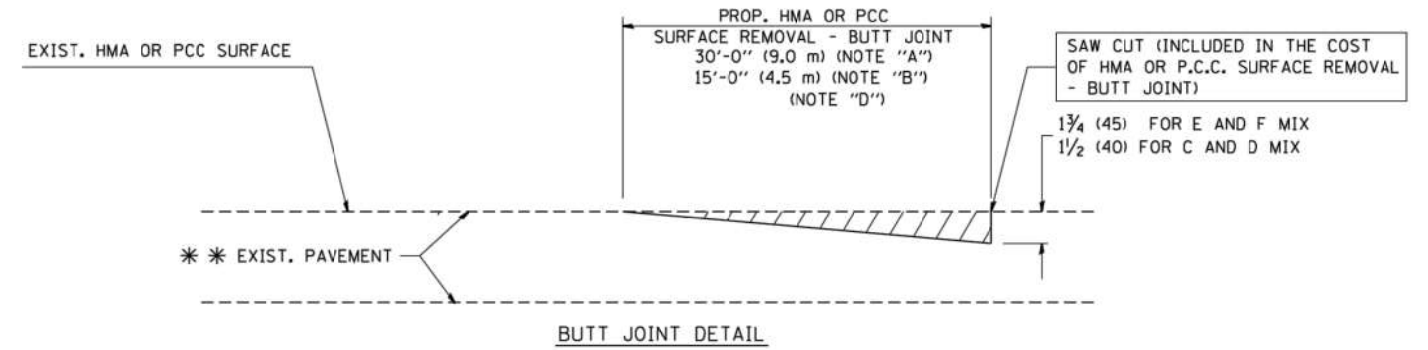


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

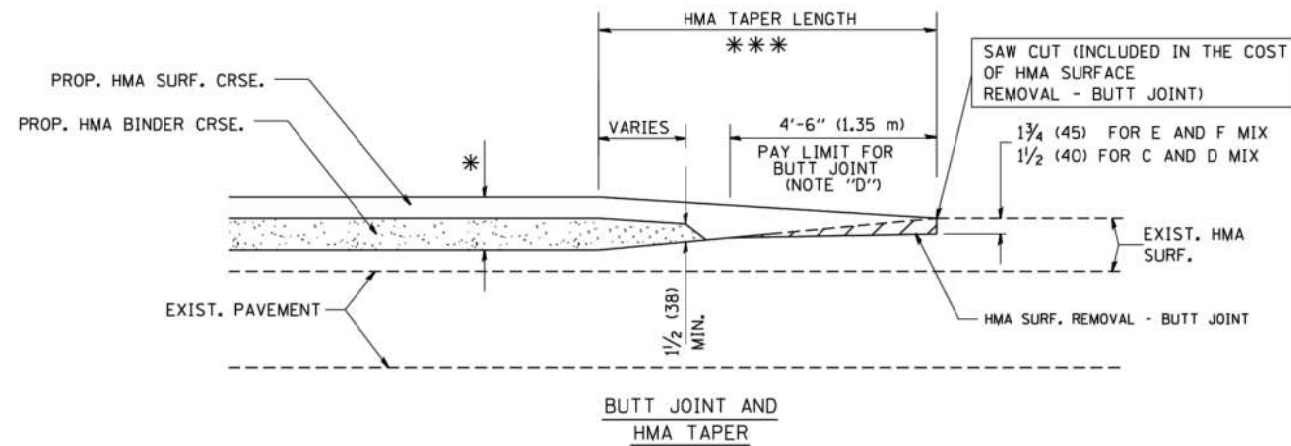
NOTES

- 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.



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME = W:\diststd\22x34\bd32.dgn

USER NAME = geglanoht
PLOT SCALE = 50.0000 "/p>

DESIGNED - M. DE YONG
DRAWN -
CHECKED -
DATE - 06-13-90

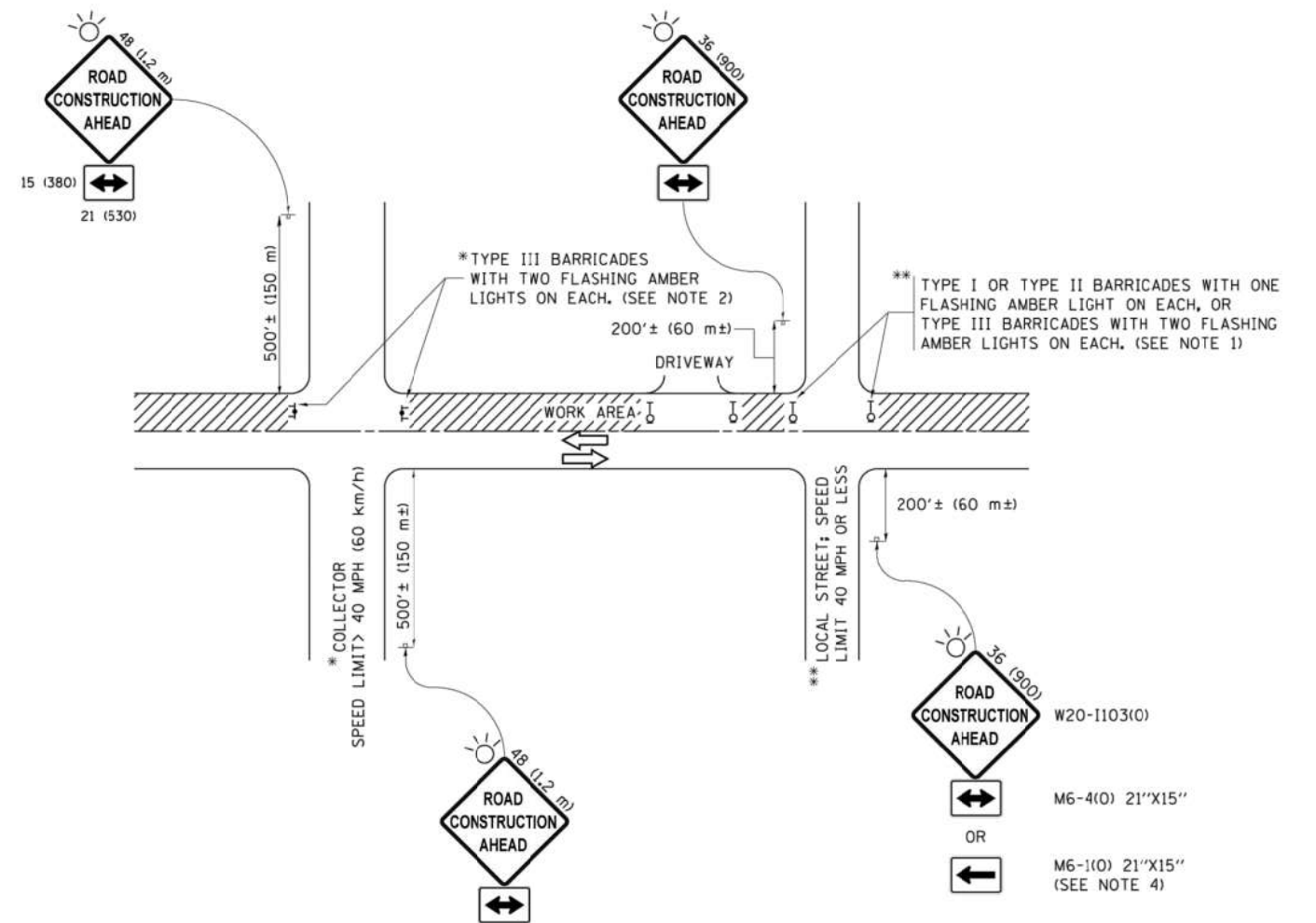
REVISED - R. SHAH 10-25-94
REVISED - A. ABBAS 03-21-97
REVISED - M. GOMEZ 04-06-01
REVISED - R. BORO 01-01-07

**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.
169	17-00027-00-R5	LAKE	63	57
BD400-05 BD32		CONTRACT NO. 61F69		
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.

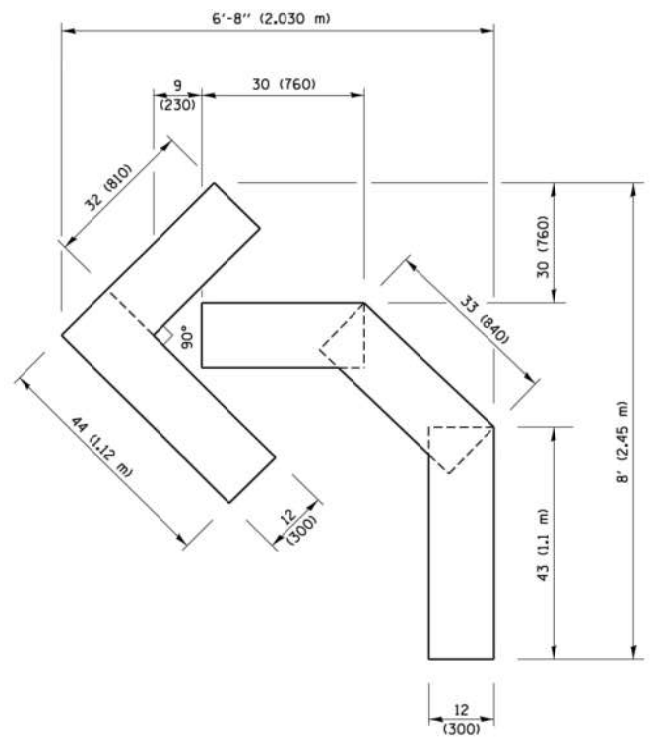
FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pm\jll084EBID\INTEG\illinois.gov\PWID01\Documents\IDOT_Offices\District 1\Projects\Dist		DRAWN - CADData\CADsheets\ctcl0.dgn	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - A. SCHJETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHJETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

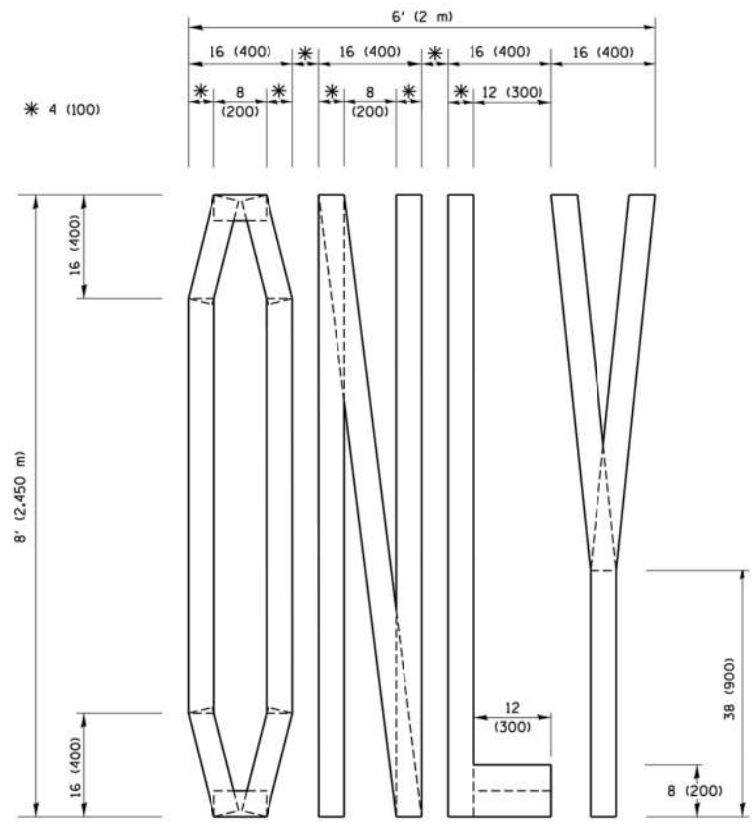
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

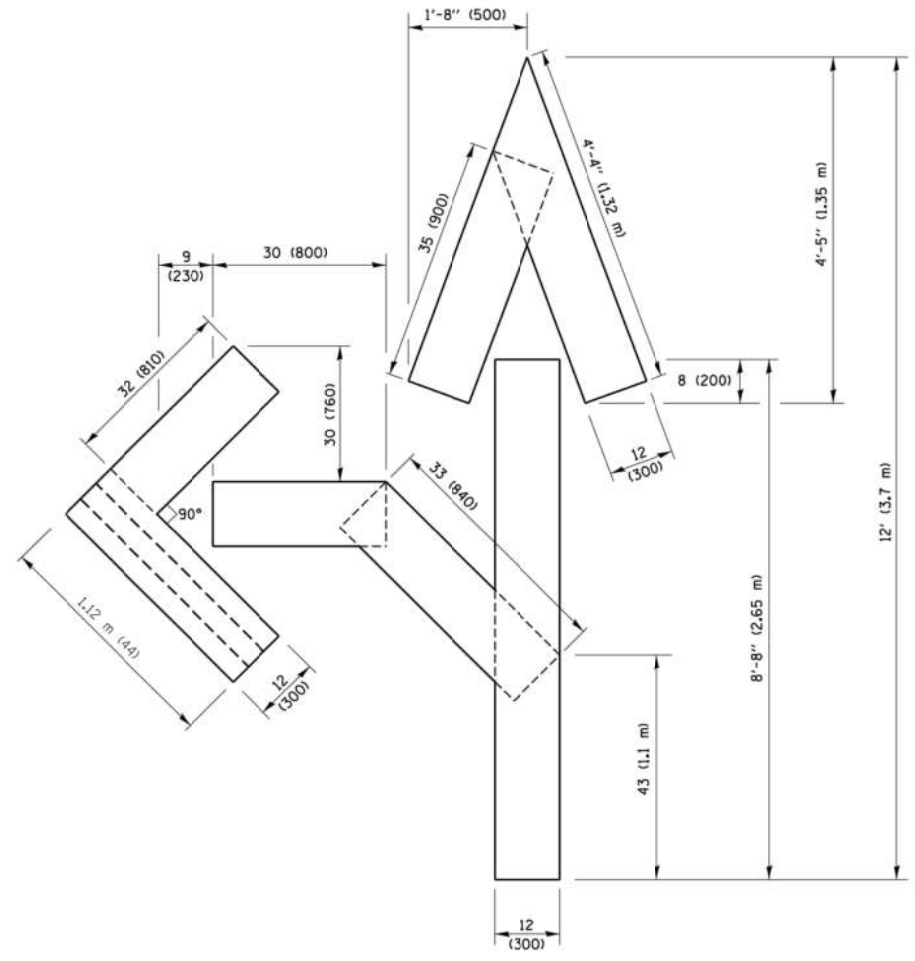
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	58
TC-10			CONTRACT NO. 61F69	
ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

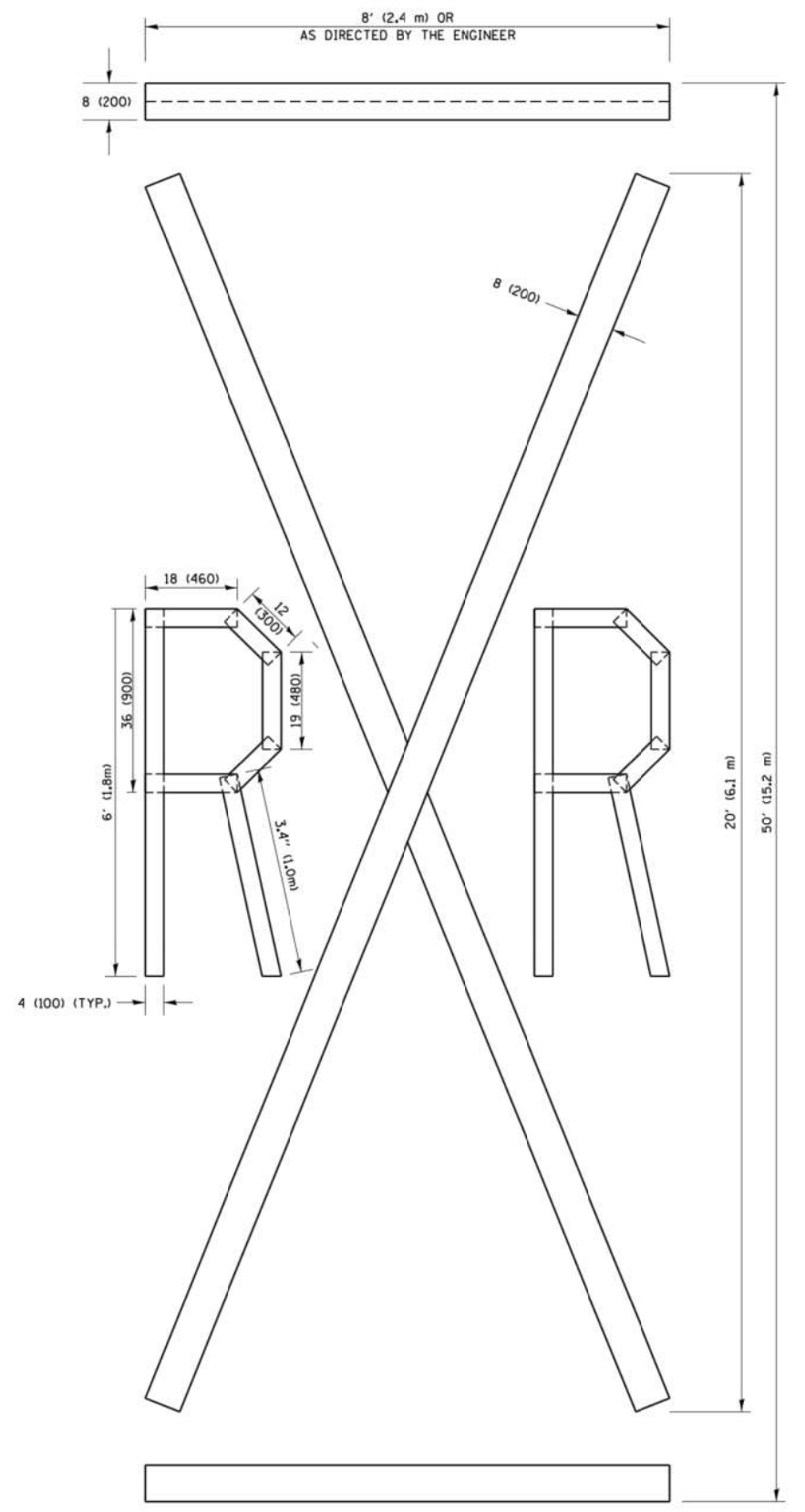


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

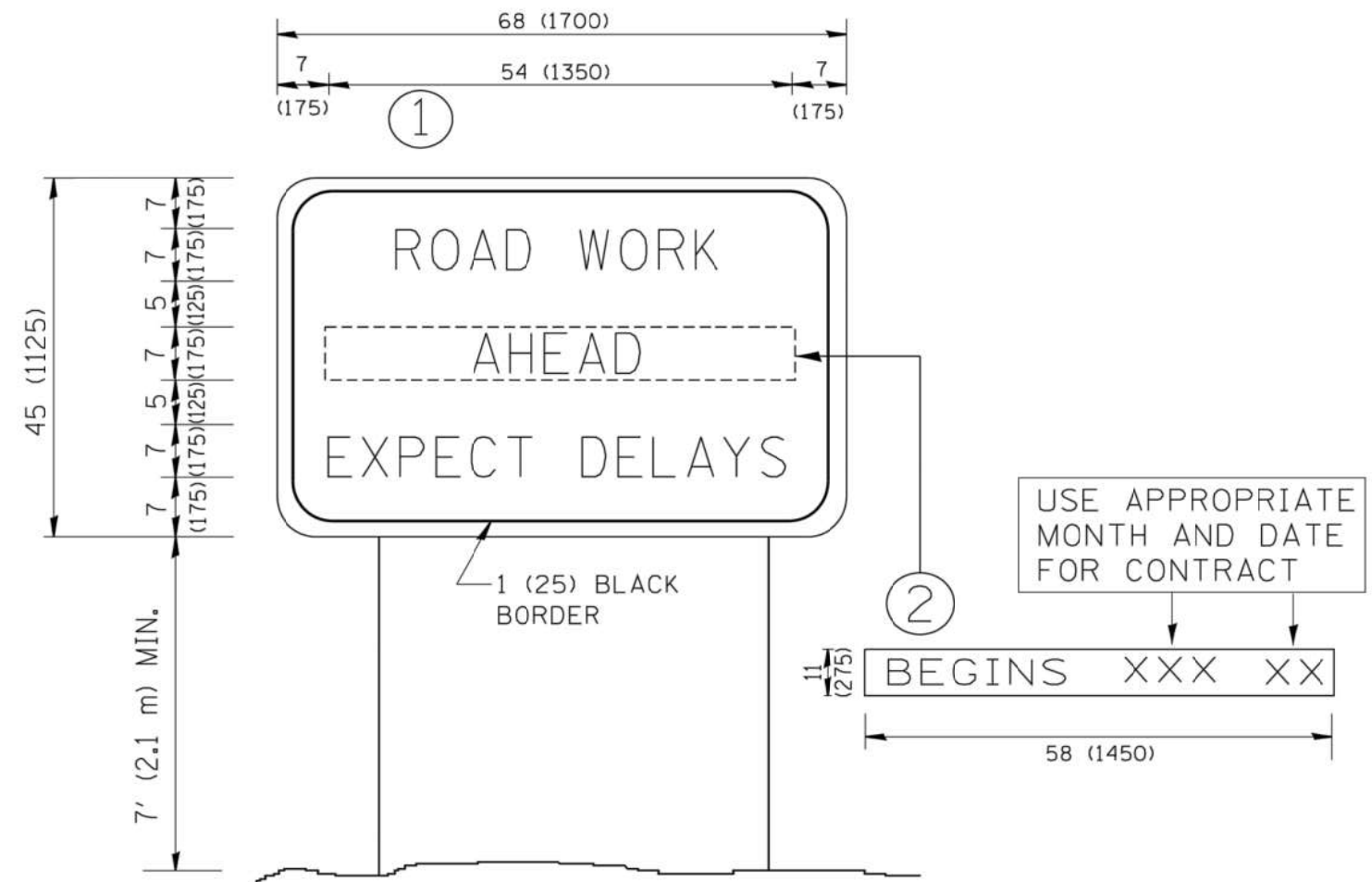
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED -T. RAMMACHER 03-02-98
pm\j\084EBID\INTEG\illinois.gov\PWID01\Documents\DOT_Offices\District 1\Projects\Dist 1\CADData\CAD\Sheets\16.dgn		DRAWN -	REVISED -E. GOMEZ 08-28-00
PLOT SCALE = 58.8888 ' / in.		CHECKED -	REVISED -E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE -	REVISED -A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
169	17-00027-00-R5	LAKE	63	60
TC-16		CONTRACT NO. 61F69		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

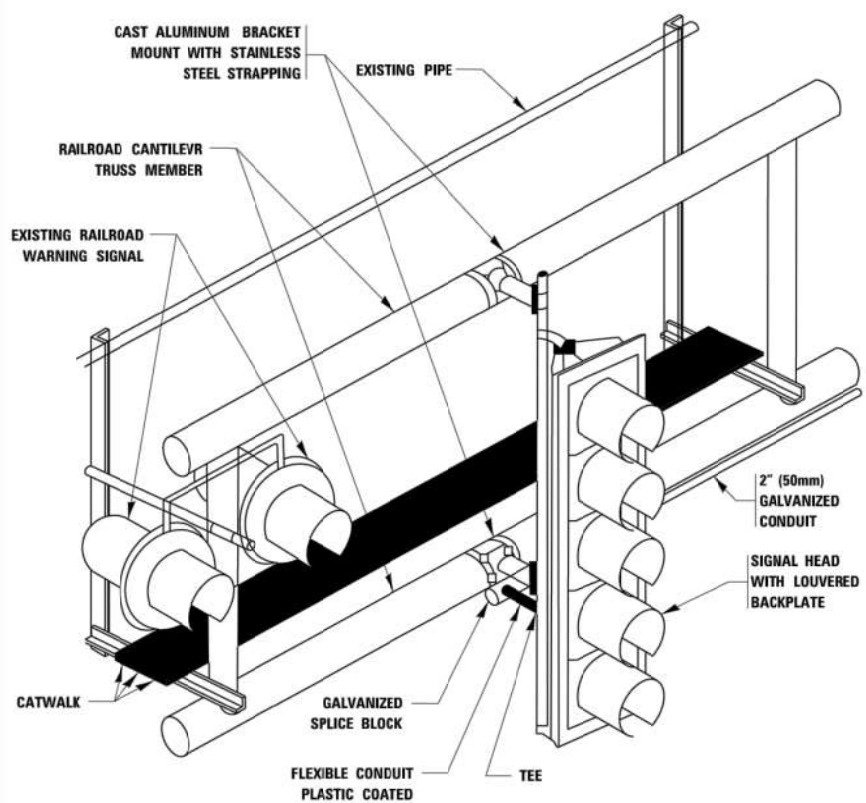


NOTES:

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

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

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = gegianobt	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97 REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN		F.A.U. RTE. 169	SECTION 17-00027-00-R5	COUNTY LAKE	TOTAL SHEETS 63	SHEET NO. 61	
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	SCALE: NONE		SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07	CONTRACT NO. 61F69									



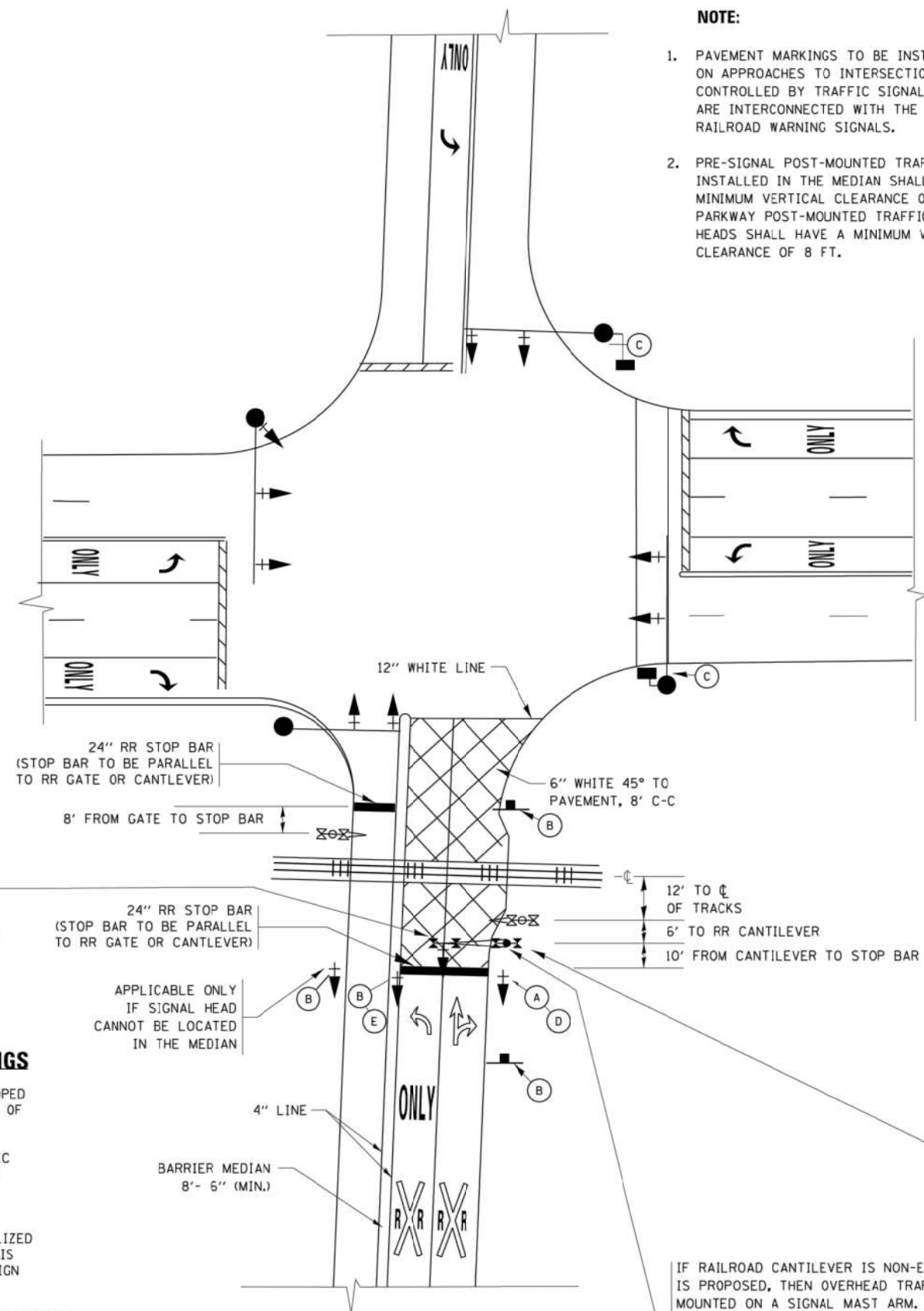
RAILROAD CANTILEVER SIGNAL HEAD MOUNTING
 USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
 N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

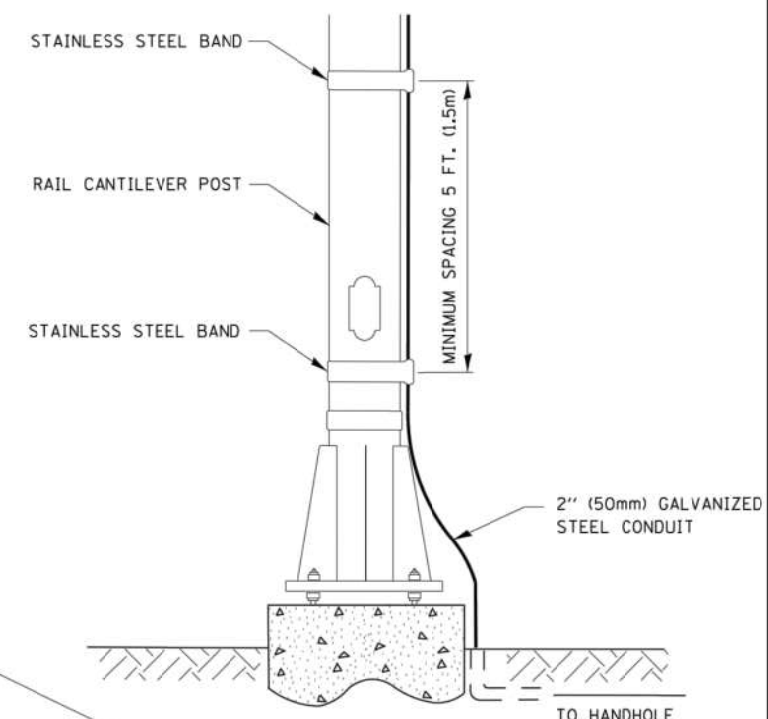
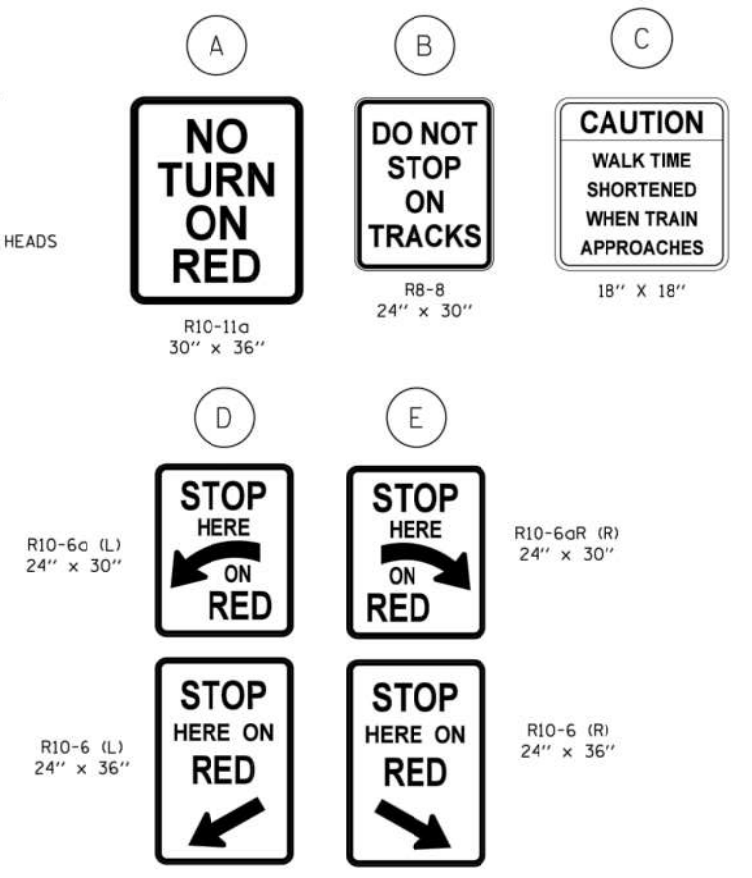
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

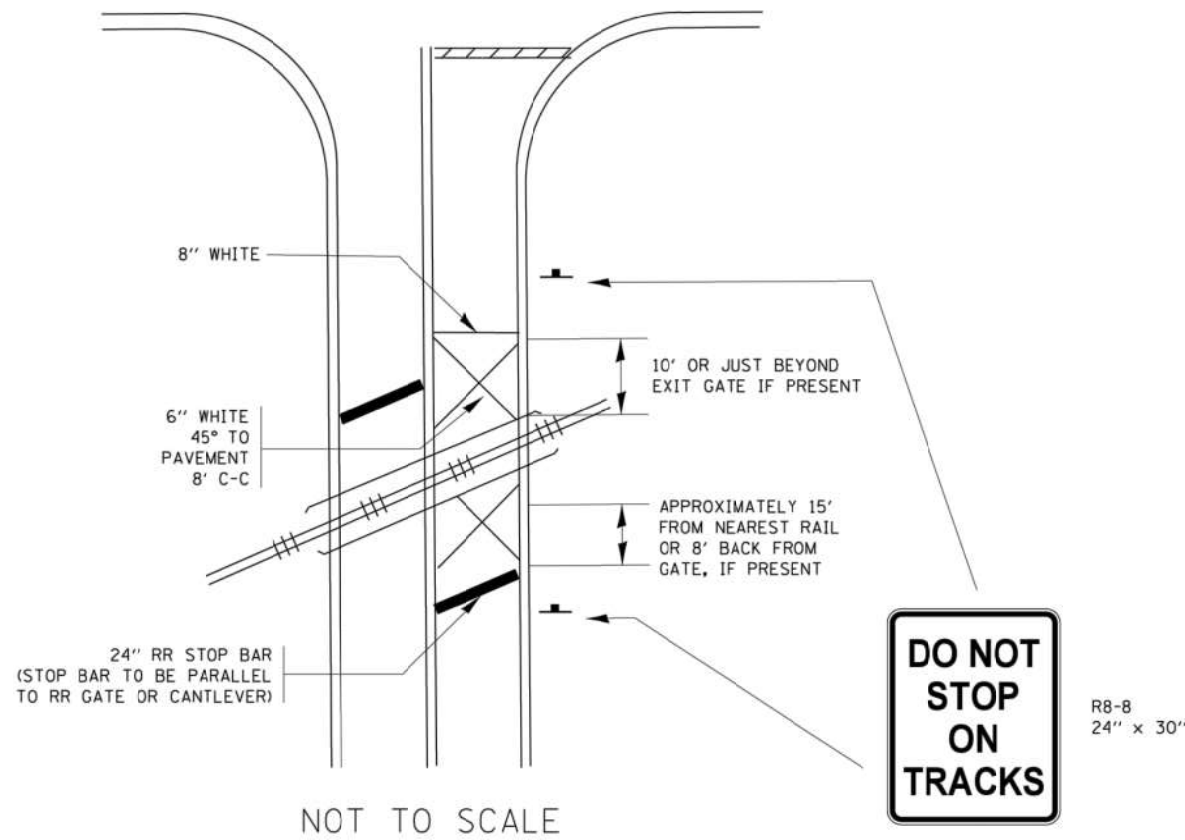
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

IF RAILROAD CANTILEVER IS NON-EXISTANT AND NONE IS PROPOSED, THEN OVERHEAD TRAFFIC SIGNAL TO BE MOUNTED ON A SIGNAL MAST ARM. SIGNAL MAST ARM AND SIGNAL HEADS SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE RAILROAD TRACKS WITHOUT OBSTRUCTING ANY RAILROAD WARNING DEVICES. SIGNAL MAST ARM SHALL BE AT LEAST 12 FT. FROM NEAREST RAIL.

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - 02-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default		DRAWN -	REVISED - 04-26-12			169	17-00027-00-R5	LAKE	63	62	
		CHECKED -	REVISED - A.R. 07-11-16			TC-23		CONTRACT NO. 61F69			
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

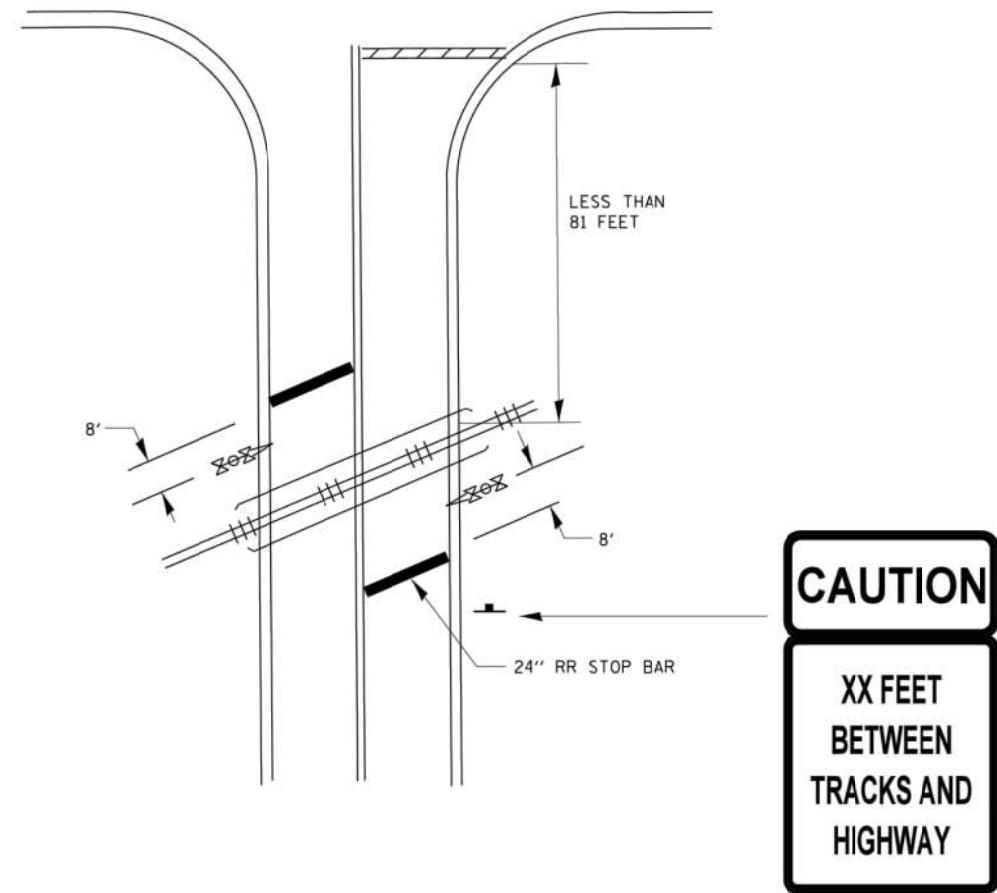
TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

WITH SIGNALIZED INTERSECTION



- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL



- NOTE:**
- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
 - THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED - 02-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pm\jll084EBID\INTEG\illinois.gov\PWIDOT\Documents\IDOT_Offices\District 1\Projects\Dist	DRAWN\CADDData\CAD\sheets\tc23.dgn	CHECKED -	REVISED - 04-26-12			169	17-00027-00-R5	LAKE	63	63
Default	PLOT DATE = 1/3/2017	DATE -	REVISED - A.R. 07-11-16			TC-23		CONTRACT NO. 61F69		
					SCALE: NONE	SHEET 2 OF 2 SHEETS		STA. TO STA.		
ILLINOIS FED. AID PROJECT										