

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	1
ILLINOIS FED. AID PROJECT			CONTRACT #	61E94

04-26-2019 LETTING ITEM 157

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS SEE SHEET NO. 2

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

## PLANS FOR PROPOSED FEDERAL AID HIGHWAY

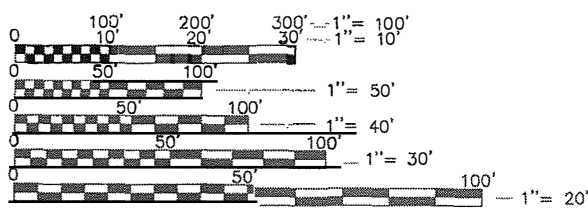
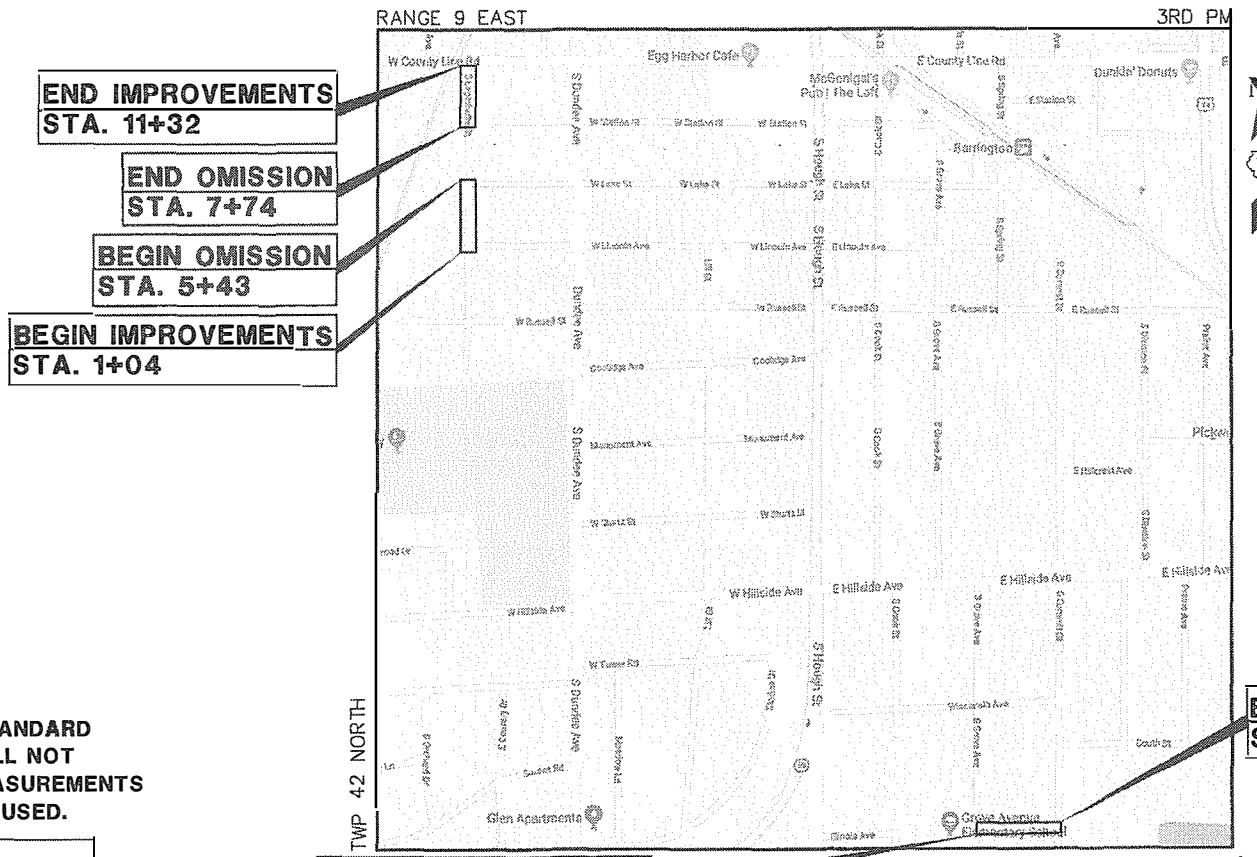
**VARIOUS ROUTES  
SIDEWALKS**  
SECTION: 12-00090-00-SW  
PROJECT: QFC 2 (674)  
VILLAGE OF BARRINGTON  
COOK COUNTY  
C-91-030-13



**TRAFFIC DATA**

ROAD NAME: LAGESHULTE STREET  
FUNCTIONAL CLASSIFICATION: LOCAL  
POSTED SPEED LIMIT: LAGESHULTE STREET - 25 MPH  
DESIGN SPEED: LAGESHULTE STREET - 25 MPH

ROAD NAME: ILLINOIS AVENUE  
FUNCTIONAL CLASSIFICATION: LOCAL  
POSTED SPEED LIMIT: ILLINOIS AVENUE - 25 MPH  
DESIGN SPEED: ILLINOIS AVENUE - 25 MPH



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

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

**BEGIN IMPROVEMENTS  
STA. 1+17**

**LOCATION MAP**  
(Not to Scale)

**END IMPROVEMENTS  
STA. 5+23**



SIGNED: *Kevin L. Belgrave*  
ENGINEER

DATE: APRIL 23, 2018  
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 #: 4370.122

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Approved: *[Signature]*  
Village of Barrington, Director of Development Services

Passed: MAY 8, 2018  
*[Signature]* CHRISTOPHER HOLT  
District One Engineer of Local Roads & Streets

Releasing for Bid  
Based on Limited  
Review: MAY 8, 2018  
*[Signature]* Anthony J. Quinley/CMS  
Regional Engineer

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

**CONTRACT NO. 61E94**

GROSS LENGTH = 1,840 FEET = (0.35 MILES)  
NET LENGTH = 1,609 FEET = (0.30 MILES)

PRGR AM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. SCHAUMBURG, IL

**INDEX OF SHEETS**

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**GENERAL NOTES**

1. 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.
2. 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.
3. 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.
4. 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.
5. ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
7. 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.
8. 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.
9. 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.

**UTILITY NOTES**

1. MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES USING A CORE DRILL. HAMMERING OR SAWING OF STRUCTURES WILL NOT BE ALLOWED.
2. ALL CONNECTIONS TO EXISTING OR DISSIMILAR STORM/SANITARY LINES SHALL BE DONE WITH STAINLESS STEEL NON-SHEAR COUPLINGS.
3. 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, COMPLIANT WITH STANDARD OR DISTRICT 1 SPECIFICATIONS. THE REPLACED BEDDING SHALL BE SILTY CLAY SOIL MECHANICALLY COMPACTED TO 90% MODIFIED PROCTOR DENSITY. THE USE OF PERMEABLE SOILS WILL NOT BE PERMITTED.

**DISTRICT ONE DETAILS**

- BD-7 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
- BD-8 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-34 DETAILS FOR DEPRESSED CURB AND GUTTER AND SHOULDER TREATMENT AT TBT TY-1 SPECIAL
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS INTERSECTIONS AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-22 ARTERIAL ROAD INFORMATION

**STATE STANDARDS**

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-05 DEPRESSED CORNER FOR SIDEWALKS
- 424026-03 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
- 442201-03 CLASS C AND D PATCHES
- 602301-04 INLET TYPE A
- 604001-04 FRAMES AND LIDS TYPE 1
- 604036-03 GRATE TYPE 8
- 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
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

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

FILE NAME = 4370.122-DT1.dwg	USER NAME = MARK COBB	DESIGNED - DPB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS</b>	FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - ZCW	REVISED -					12-00090-00-SW	COOK	42	2
	PLOT SCALE = 1" = .1667'	CHECKED - DPB	REVISED -								
	PLOT DATE = 11/20/2018	DATE -	REVISED -			SCALE N.T.S.	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.
ILLINOIS FED. AID PROJECT CONTRACT #: 61E94											

SUMMARY OF QUANTITIES					CONSTRUCTION CODE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	20	20	
20101100	TREE TRUNK PROTECTION	EACH	9	9	
# 20101200	TREE ROOT PRUNING	EACH	9	9	
20200100	EARTH EXCAVATION	CU YD	630	630	
20800150	TRENCH BACKFILL	CU YD	25	25	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	345	345	
# 25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25	
# 25100125	MULCH, METHOD 3	ACRE	0.25	0.25	
# 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	20	20	
# 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	20	20	
28000400	PERIMETER EROSION BARRIER	FOOT	800	800	
28000510	INLET FILTERS	EACH	15	15	
35101600	AGGREGATE BASE COURSE, TYPE B, 4"	SQ YD	1,825	1,825	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10	10	
42001300	PROTECTIVE COAT	SQ YD	1,025	1,025	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	47	47	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5,950	5,950	
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	2,115	2,115	
42400800	DETECTABLE WARNINGS	SQ FT	200	200	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	495	495	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	690	690	
44000600	SIDEWALK REMOVAL	SQ FT	1,920	1,920	
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	20	20	
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	68	68	
55100700	STORM SEWER REMOVAL 15"	FOOT	21	21	
# SP 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	14	14	
56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1	
# SP 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	8	8	
60236200	INLETS, TYPE A, TYPE B GRATE	EACH	2	2	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	3	3	
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LD	EACH	1	1	
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	

60260100	INLETS TO BE ADJUSTED	EACH	1	1
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1
60500050	REMOVING CATCH BASINS	EACH	2	2
60500060	REMOVING INLETS	EACH	1	1
60600605	CONCRETE CURB, TYPE B	FOOT	85	85
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	645	645
# 63300575	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL	FOOT	25	25
# 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	182	182
# 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	L SUM	1	1
# 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DAY	1	1
# 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
67100100	MOBILIZATION	LSUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
# 72000100	SIGN PANEL - TYPE 1	SQ FT	5	5
# 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6
# 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	480	480
# 78000650	THERMOPLASTIC PAVEMENT MARKING LINE 24"	FOOT	57	57
# A2001020	TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1
SP X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	2	2
SP X0326864	BRICK SIDEWALK REMOVAL	SQ FT	308	308
SP X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	309	309
SP X2010510	CLEARING AND GRUBBING	LSUM	1	1
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4	4
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2
SP Z0004514	HOT-MX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	70	70
SP Z0004526	HOT-MX ASPHALT DRIVEWAY PAVEMENT, 7"	SQ YD	310	310
SP Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
SP Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	4	4
SP Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103	103

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

FILE NAME = 4370.122-DT1.dwg

USER NAME = MARK COBB

DESIGNED - DPB

REVISED -

DRAWN - ZCW

REVISED -

CHECKED - DPB

REVISED -

DATE -

REVISED -

PLOT SCALE = 1" = .1667'

PLOT DATE = 11/20/2018

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
 SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS

FA. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	3
CONTRACT #			61E94	
ILLINOIS FED. AID PROJECT				

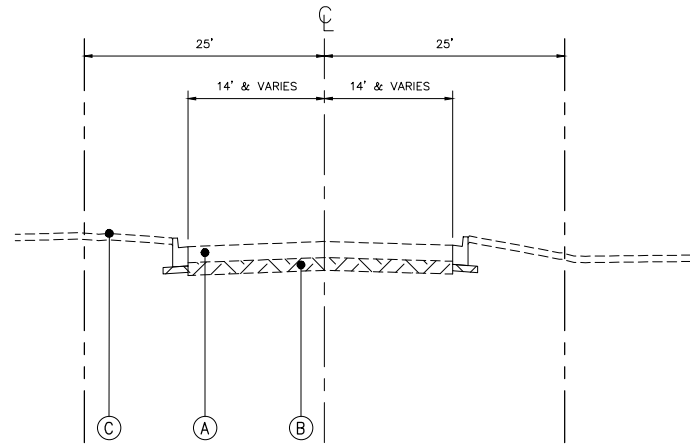
SCALE N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

STATION	DISTANCE (FT)	EARTH EXCAVATION END AREAS (SQ FT)		EARTH EXCAVATION AVERAGE END AREA (SQ FT)		EARTH EXCAVATION SECTION VOLUMES (CU YD)		EARTH EXCAVATION CUMULATIVE VOLUMES (CU YD)		CUMULATIVE NET EARTH EXCAVATION EXCESS (+) OR SHORTAGE (-) (CU YD)
		CUT	FILL	CUT	FILL	CUT	FILL	CUT	FILL	
2+00.00		4.40	0.00							
2+50.00	50.00	2.50	0.21	3.45	0.10	6.39	0.19	6.39	0.19	6.20
3+00.00	50.00	5.33	0.01	3.91	0.11	7.25	0.19	13.63	0.38	13.25
3+50.00	50.00	3.89	0.00	4.61	0.00	8.54	0.00	22.17	0.39	21.78
4+00.00	50.00	4.89	0.00	4.39	0.00	8.13	0.00	30.30	0.39	29.91
4+50.00	50.00	10.02	0.00	7.46	0.00	13.81	0.00	44.11	0.39	43.72
5+00.00	50.00	13.64	0.00	11.83	0.00	21.90	0.00	66.01	0.39	65.62
OMISSION										
8+00.00		8.50	0.00					66.01	0.39	65.62
8+50.00	50.00	24.02	0.00	16.26	0.00	30.11	0.00	96.12	0.39	95.73
9+00.00	50.00	9.40	0.00	16.71	0.00	30.94	0.00	127.06	0.39	126.67
9+50.00	50.00	10.43	0.00	9.91	0.00	18.35	0.00	145.41	0.39	145.02
9+75.00	25.00	15.55	0.00	12.99	0.00	12.03	0.00	157.44	0.39	157.05
10+00.00	25.00	12.40	0.00	13.98	0.00	12.94	0.00	170.38	0.39	169.99
10+50.00	50.00	10.60	0.00	11.50	0.00	21.29	0.00	191.67	0.39	191.28
11+00.00	50.00	12.34	0.00	11.47	0.00	21.24	0.00	212.91	0.39	212.52

**LAGESHULTE STREET**

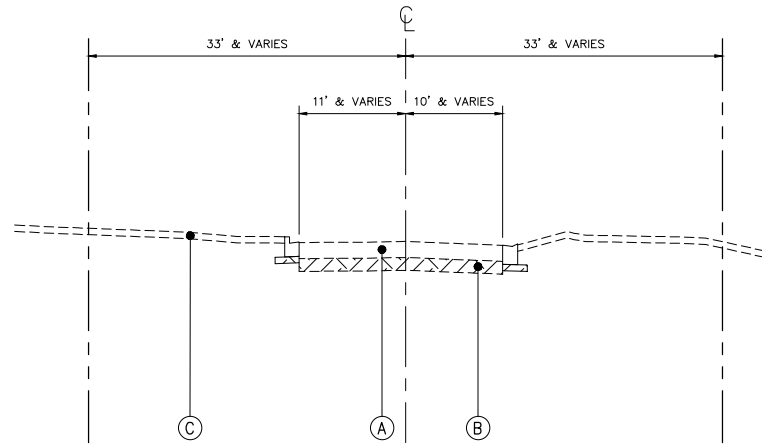
STATION	DISTANCE (FT)	EARTH EXCAVATION END AREAS (SQ FT)		EARTH EXCAVATION AVERAGE END AREA (SQ FT)		EARTH EXCAVATION SECTION VOLUMES (CU YD)		EARTH EXCAVATION CUMULATIVE VOLUMES (CU YD)		CUMULATIVE NET EARTH EXCAVATION EXCESS (+) OR SHORTAGE (-) (CU YD)
		CUT	FILL	CUT	FILL	CUT	FILL	CUT	FILL	
1+50.00		1.95	0.29							
1+87.50	37.50	17.37	0.00	9.66	0.15	13.41	0.20	13.41	0.20	13.21
2+00.00	12.50	10.05	0.00	13.71	0.00	6.35	0.00	19.76	0.20	19.56
2+50.00	50.00	7.23	0.00	8.64	0.00	16.00	0.00	35.76	0.20	35.56
3+00.00	50.00	5.02	0.00	6.12	0.00	11.34	0.00	47.10	0.20	46.90
3+50.00	50.00	3.89	0.24	4.45	0.12	8.25	0.22	55.34	0.42	54.92
4+00.00	50.00	6.89	0.00	5.39	0.12	9.98	0.22	65.32	0.64	64.69
4+50.00	50.00	5.82	0.00	6.35	0.00	11.76	0.00	77.09	0.64	76.45
5+00.00	50.00	2.22	1.19	4.02	0.60	7.44	1.10	84.53	1.74	82.79
5+14.00	14.00	8.45	0.27	5.34	0.73	2.77	0.38	87.29	2.12	85.18

**ILLINOIS AVENUE**



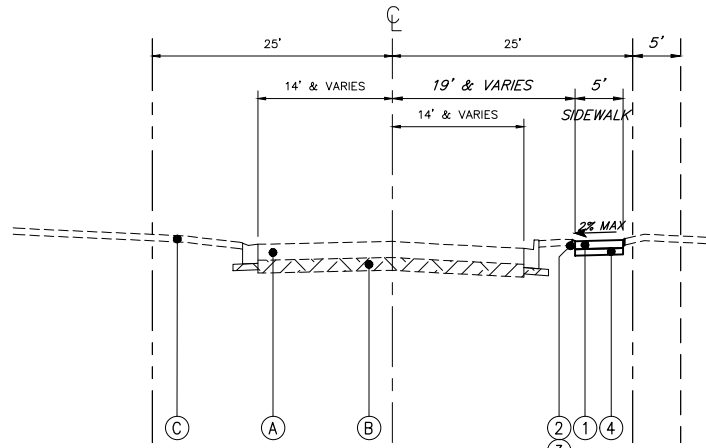
**EXISTING TYPICAL SECTION**

LAGESCHULTE STREET  
FROM STA. 1+04 TO STA. 5+43  
FROM STA. 7+74 TO STA. 11+32



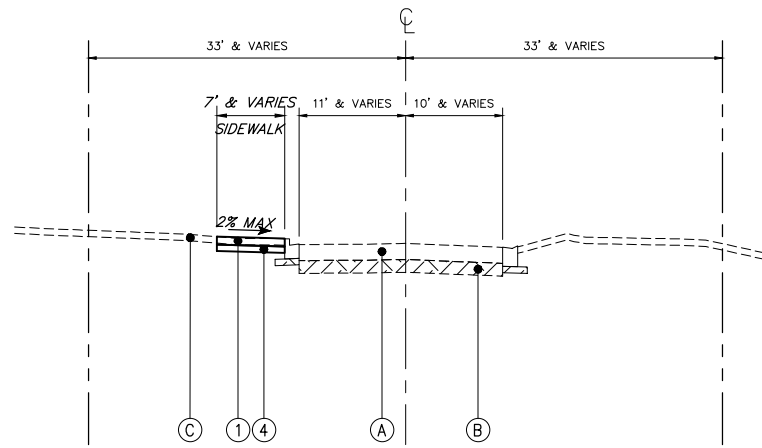
**PROPOSED TYPICAL SECTION**

ILLINOIS STREET  
FROM STA. 1+17 TO STA. 5+23



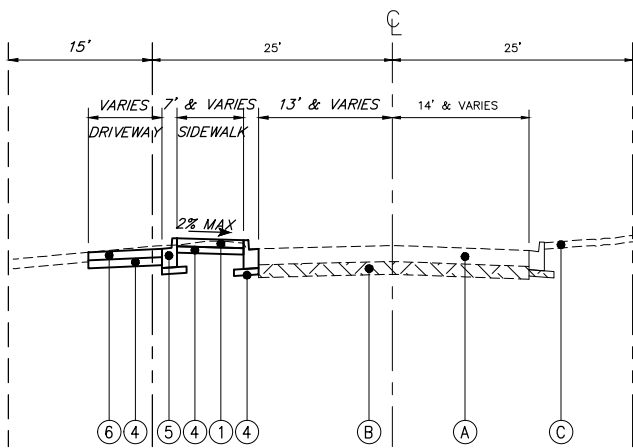
**PROPOSED TYPICAL SECTION**

LAGESCHULTE STREET  
FROM STA. 1+04 TO STA. 5+43



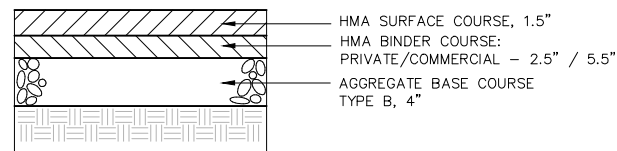
**PROPOSED TYPICAL SECTION**

ILLINOIS STREET  
FROM STA. 1+17 TO STA. 5+23



**PROPOSED TYPICAL SECTION**

LAGESCHULTE STREET  
FROM STA. 7+74 TO STA. 11+32



**HMA PAVEMENT  
DRIVEWAY SECTION DETAIL**

**TYPICAL CROSS SECTION LEGEND**

- NO. DESCRIPTION
- (A) EXISTING HMA PAVEMENT
  - (B) EXISTING SUBBASE
  - (C) EXISTING GROUND
  - (D) EXISTING CURB & GUTTER
  - (1) PORTLAND CEMENT CONCRETE SIDEWALK 5"
  - (2) TOPSOIL FURNISH AND PLACE, 4"
  - (3) SEEDING, CLASS 2A / MULCH, METHOD 3
  - (4) AGGREGATE BASE COURSE, TYPE B, 4"
  - (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - (6) HMA DRIVEWAY PAVEMENT 4"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
HMA DRIVEWAY PAVEMENT 4":	
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50 (IL 9.5 mm), 1.5"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.5"	4% @ 50 GYR
HMA DRIVEWAY PAVEMENT 7":	
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50 (IL 9.5 mm), 1.5"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 5.5"	4% @ 50 GYR
INCIDENTAL HMA SURFACING:	
HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50 (IL 9.5 mm), 1.5"	4% @ 50 GYR
CLASS D PATCHES 10":	
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, (IL-9.5mm), 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 8"	4% @ 50 GYR

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

THE "AC TYPE" FOR NON-POLYMERIZED HMA SHALL BE "PG 64-22" UNLESS OTHERWISE MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

GEWALT HAMILTON ASSOCIATES, INC.  
 625 Forest Edge Drive  
 Vernon Hills, IL 60061  
 FAX: (847) 482-2070

FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

DESIGNED - DPB

REVISED -

DRAWN - ZCW

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 11/20/2018

DATE -

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

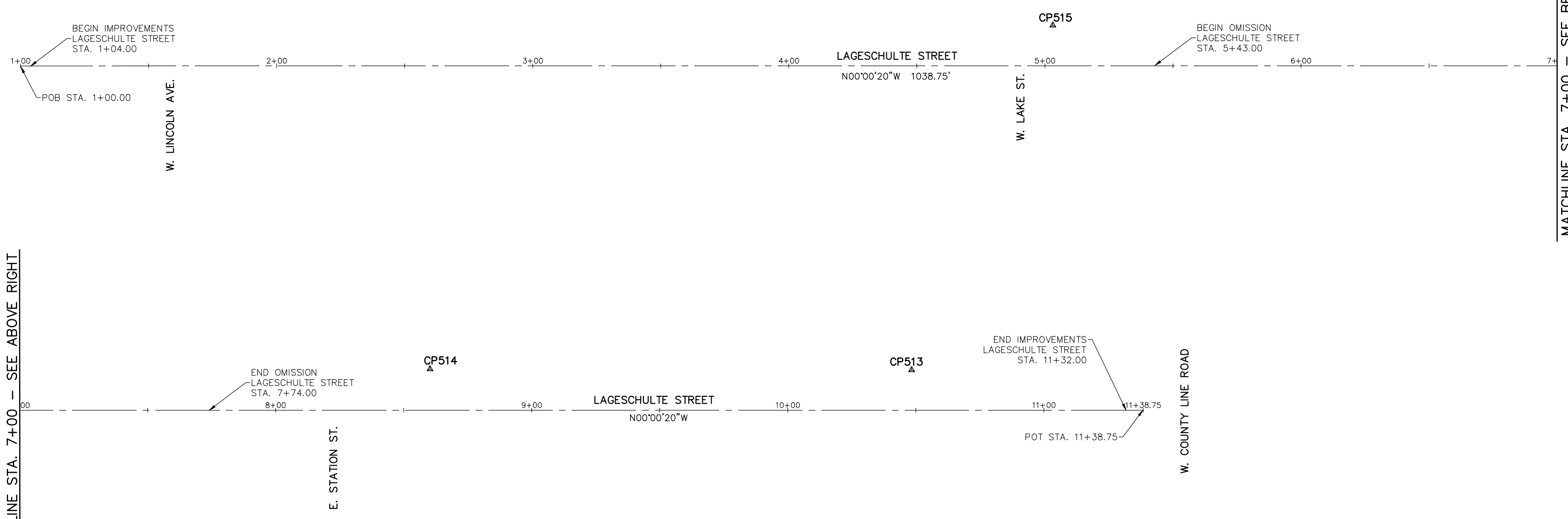
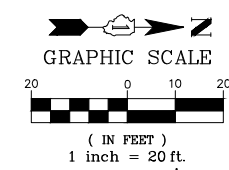
**TYPICAL SECTIONS  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE NONE

SHEET NO. 1 OF 1 SHEETS

STA. TO STA.

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	5
CONTRACT #			61E94	
ILLINOIS FED. AID PROJECT				

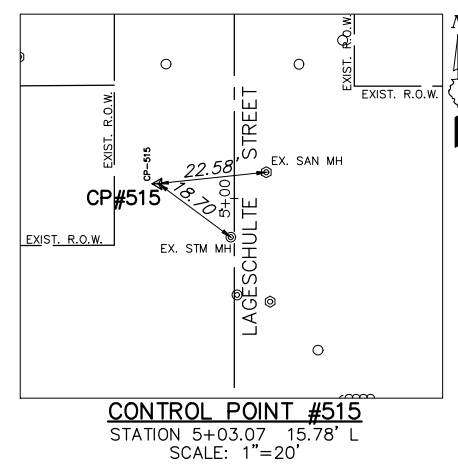
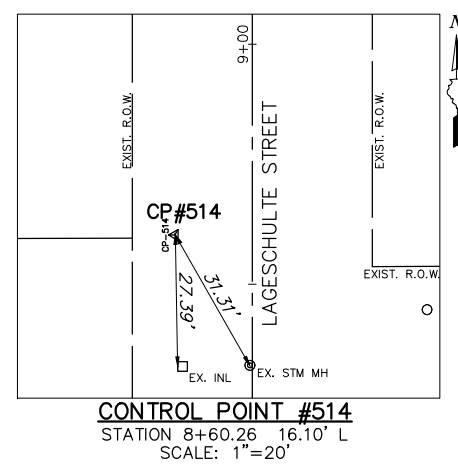
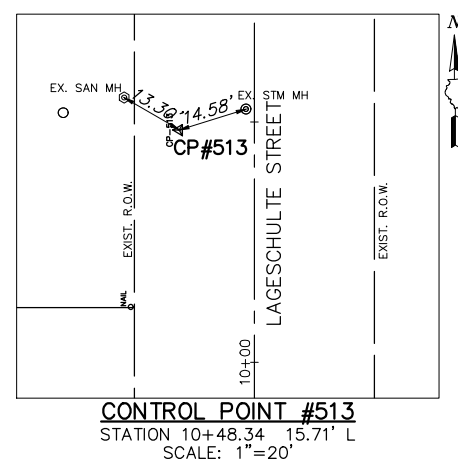


MATCHLINE STA. 7+00 - SEE ABOVE RIGHT

MATCHLINE STA. 7+00 - SEE BELOW LEFT

ALIGNMENT COORDINATES - LAGESCHULTE STREET			
LAGESCHULTE ST. STATION	NORTHING	EASTING	
POB	1+00.00	1997797.61	1035836.32
POT	11+38.75	1998836.36	1035836.22

Control Point Table				
Point #	Northing	Easting	Elevation	Description
513	1998745.95	1035820.52	825.33	CP-XTC-513
514	1998557.87	1035820.14	826.27	CP-XTC-514
515	1998200.68	1035820.50	827.25	CP515-SXTC



**BENCHMARK:**  
 SOURCE BENCHMARK:  
 MONUMENT SET IN CONCRETE BASE OF FLAG POLE IN FRONT OF BARRINGTON VILLAGE HALL.  
 ELEVATION: 826.58'  
 DATUM: NGVD '29

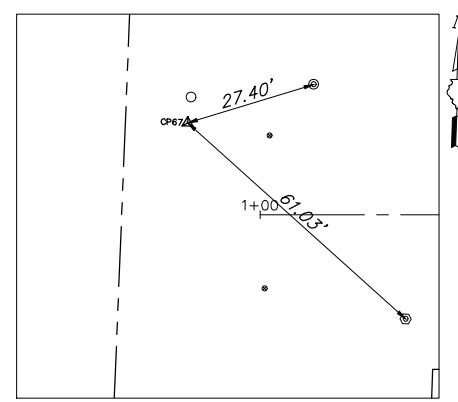
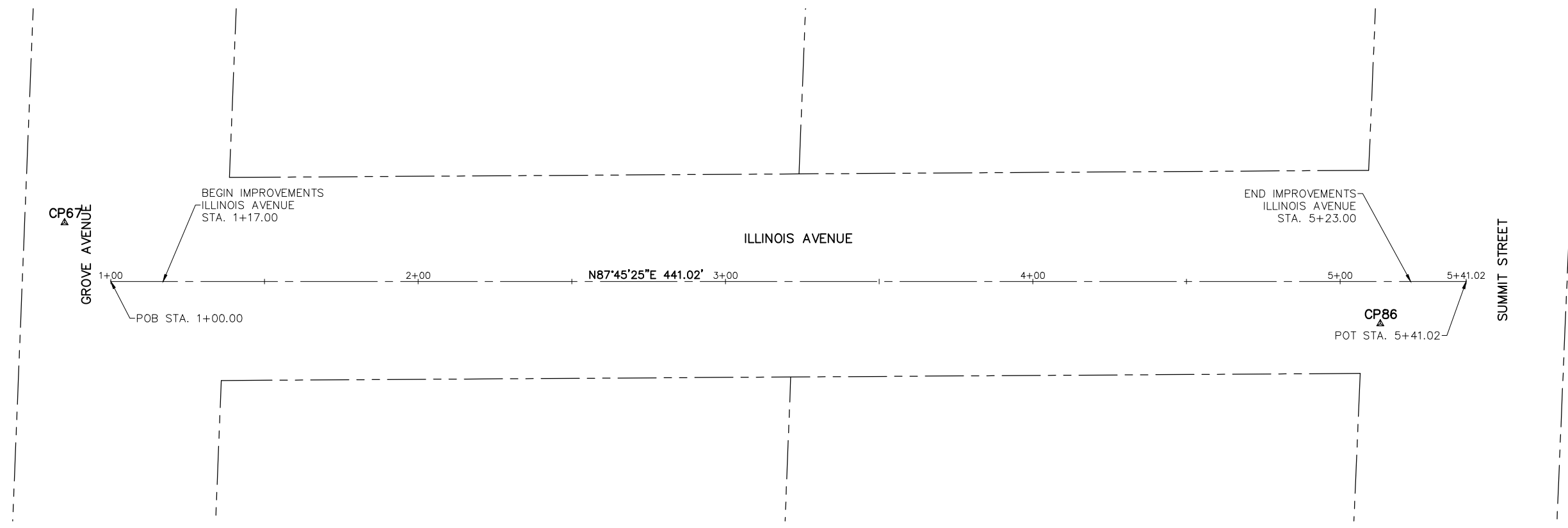
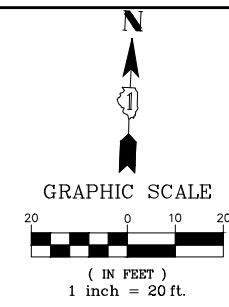
**GEWALT HAMILTON ASSOCIATES, INC.**  
 625 Forest Edge Drive  
 Vernon Hills, IL 60061  
 PH: (847) 483-7000  
 FAX: (847) 483-7001

FILE NAME = 4370.122-DT1.dwg	USER NAME = MARK COBB	DESIGNED - DPB	REVISED -
		DRAWN - ZCW	REVISED -
		CHECKED - DPB	REVISED -
		DATE -	REVISED -

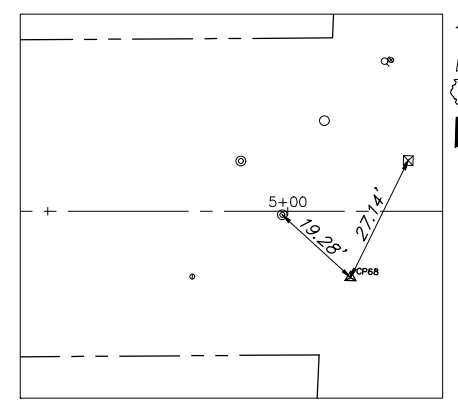
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>ALIGNMENT, TIES, AND BENCHMARKS - LAGESCHULTE STREET</b>			
<b>SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS</b>			
SCALE: N.T.S.	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	6
CONTRACT #			61E94	
ILLINOIS FED. AID PROJECT				



**CONTROL POINT #67**  
STATION 0+84.93 19.15' L  
SCALE: 1"=20'



**CONTROL POINT #68**  
STATION 5+13.06 13.74' R  
SCALE: 1"=20'

ALIGNMENT COORDINATES - ILLINOIS AVENUE			
ILLINOIS AVENUE	STATION	NORTHING	EASTING
POB	1+00.00	1994732.26	1038602.02
POT	5+41.02	1994749.52	1039042.70

Point Table				
Point #	Northing	Easting	Elevation	Description
67	1994750.81	1038586.21	887.92	CP67-XTC
68	1994734.70	1039015.30	875.80	CP68-XCN

**BENCHMARK:**  
SOURCE BENCHMARK:  
NORTHEAST FLANGE BOLT OF FIRE HYDRANT  
LOCATED 59.8 FEET SOUTHWESTERLY OF BUILDING  
CORNER AT 845 HOUGH STREET, 29.6 FEET EAST OF  
CENTERLINE OF HOUGH STREET AND 33 FEET NORTH  
OF CENTERLINE OF ILLINOIS AT NORTHEAST CORNER  
OF INTERSECTION.

ELEVATION: 873.92'  
DATUM: NAVD '88

GEWALT HAMILTON ASSOCIATES, INC.  
 625 Forest Edge Drive  
 Vernon Hills, IL 60061  
 FAX: (847) 782-0700

FILE NAME = 4370.122-DT1.dwg

USER NAME = MARK COBB  
PLOT SCALE = 1" = .0833'  
PLOT DATE = 11/20/2018

DESIGNED - DPB  
DRAWN - ZCW  
CHECKED - DPB  
DATE -

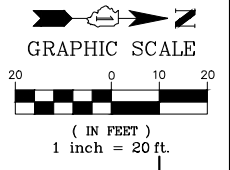
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REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

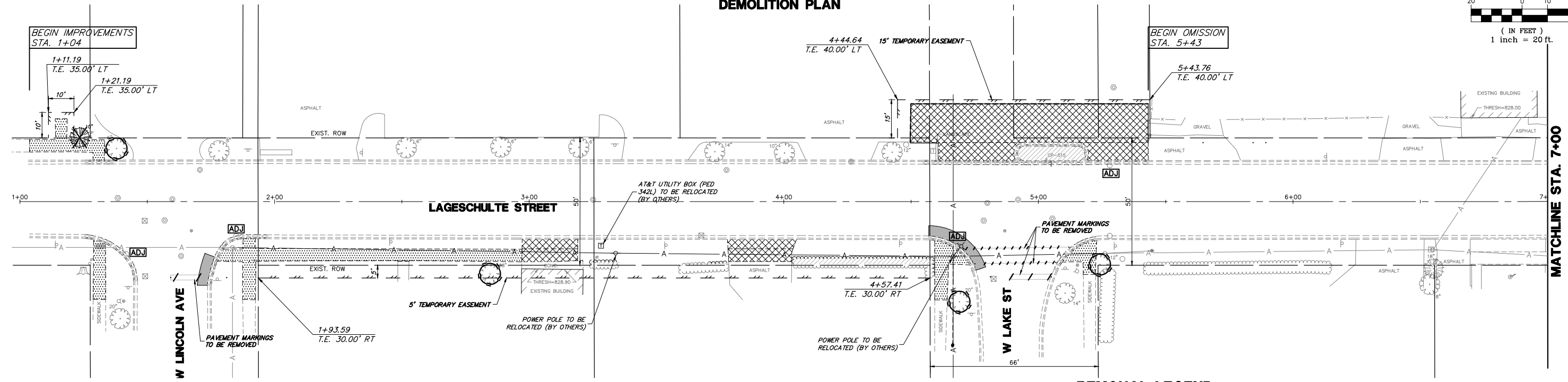
**ALIGNMENT, TIES, AND BENCHMARKS - ILLINOIS AVENUE  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE: N.T.S.    SHEET NO. 1 OF 2 SHEETS    STA.    TO STA.

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	7
CONTRACT #:			61E94	
ILLINOIS FED. AID PROJECT				



**DEMOLITION PLAN**



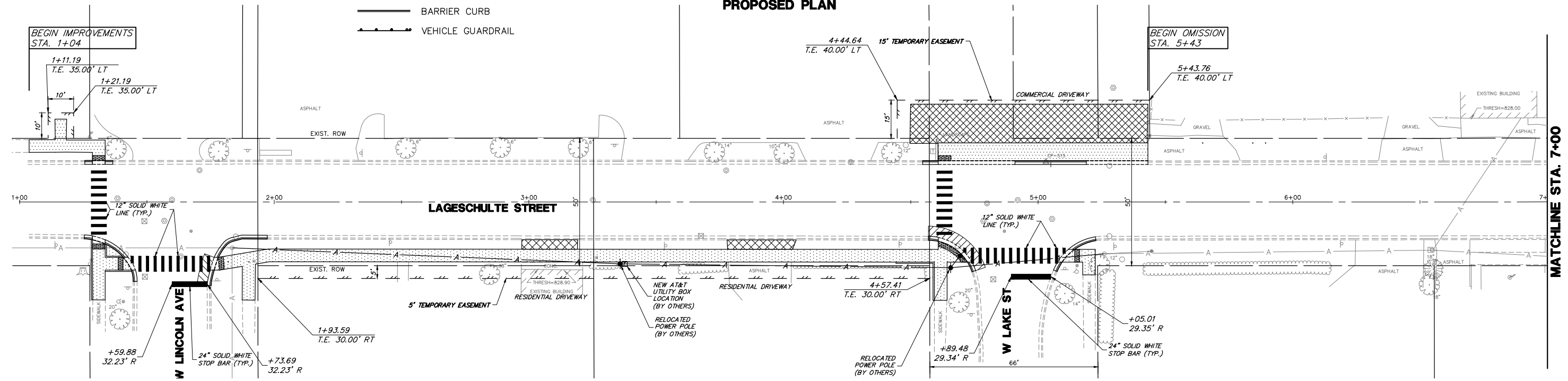
**PROPOSED LEGEND**

- HMA DRIVEWAY PAVEMENT, SEE TYPICAL SECTIONS
- PCC DRIVEWAY PAVEMENT 6"
- PCC SIDEWALK
- CLASS D PATCHES, TY. II, 10"
- DETECTABLE WARNINGS
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (DEPRESSED)
- BARRIER CURB
- VEHICLE GUARDRAIL

**REMOVAL LEGEND**

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, TY. II, 10"
- SIDEWALK REMOVAL
- BRICK REMOVAL
- LANDSCAPE AREA REMOVAL
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- TREE/SHRUB REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- SAWCUT
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING

**PROPOSED PLAN**



GEWALT HAMILTON ASSOCIATES, INC.  
 625 Forest Edge Drive  
 Vernon Hills, IL 60061  
 FAX: (847) 483-2070

FILE NAME = 4370.122 PR-3.dwg

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REVISED -

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REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 11/20/2018

DATE -

REVISED -

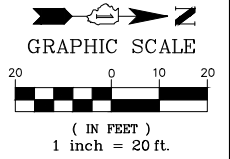
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DEMOLITION AND PROPOSED PLAN - LAGESCHULTE STREET  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 1+00 TO STA. 7+00

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	8
CONTRACT #			61E94	
ILLINOIS FED. AID PROJECT				



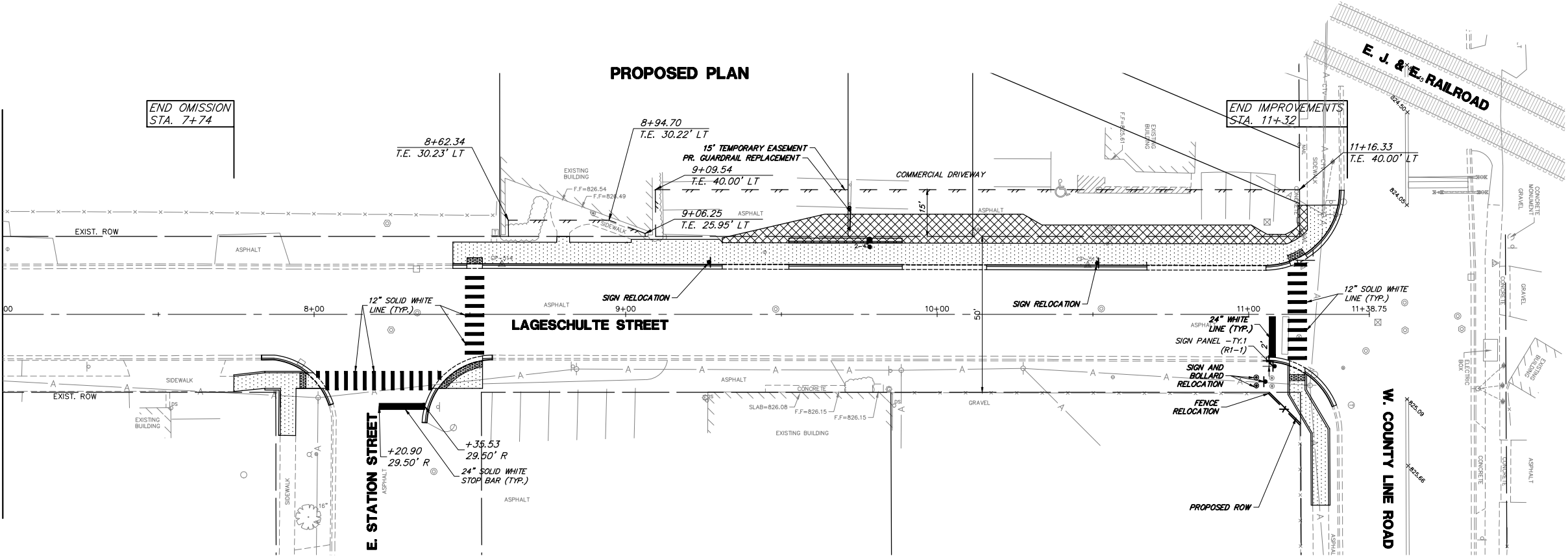
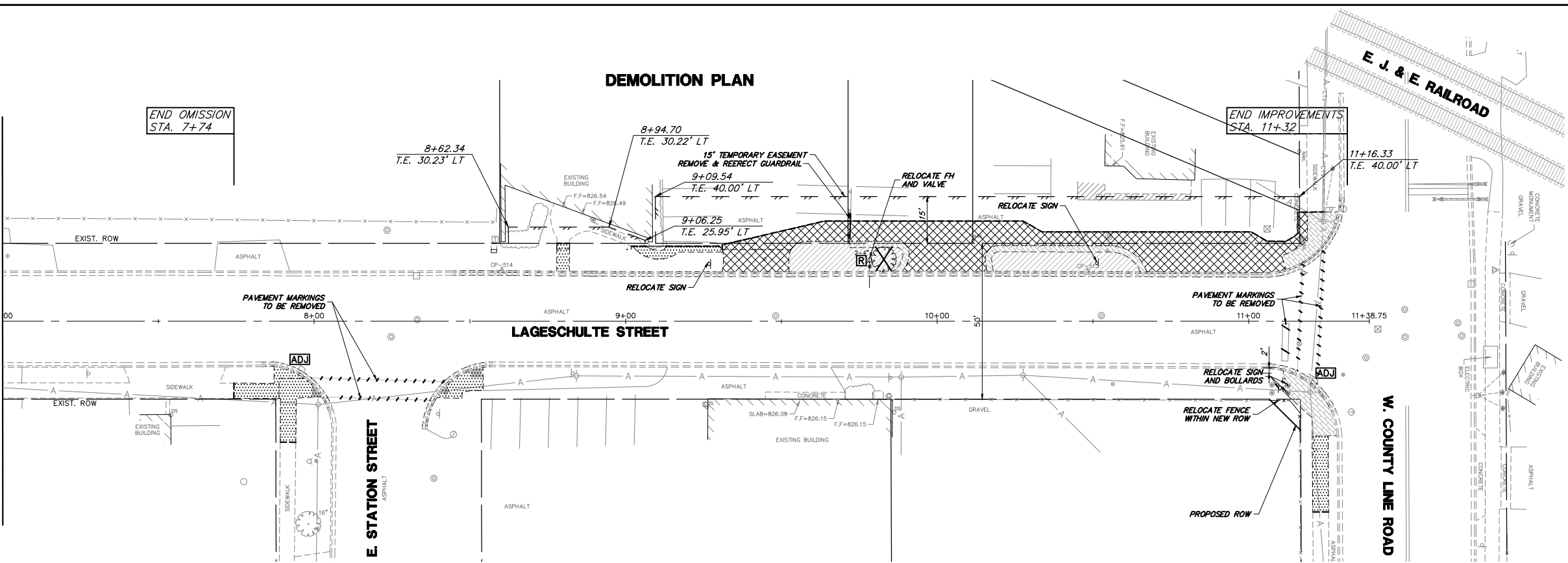


MATCHLINE STA. 7+00 - SEE SHEET 8

MATCHLINE STA. 7+00 - SEE SHEET 8

**DEMOLITION PLAN**

**PROPOSED PLAN**



**REMOVAL LEGEND**

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, TY. II, 10"
- SIDEWALK REMOVAL
- BRICK REMOVAL
- LANDSCAPE AREA REMOVAL
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- TREE/SHRUB REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- SAWCUT
- TREE TRUNK PROTECTION
- TREE ROOT PRUNING

**PROPOSED LEGEND**

- HMA DRIVEWAY PAVEMENT, SEE TYPICAL SECTIONS
- PCC DRIVEWAY PAVEMENT 6"
- PCC SIDEWALK
- CLASS D PATCHES, TY. II, 10"
- DETECTABLE WARNINGS
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (DEPRESSED)
- BARRIER CURB
- VEHICLE GUARDRAIL

**GEWALT HAMILTON ASSOCIATES, INC.**  
625 Forest Edge Drive  
Vernon Hills, IL 60061  
TEL: (815) 487-7820  
FAX: (815) 487-7820

FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

DESIGNED - DPB

REVISED -

DRAWN - ZCW

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 11/20/2018

DATE -

REVISED -

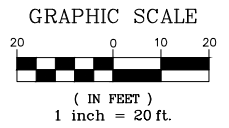
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DEMOLITION AND PROPOSED PLAN - LAGESCHULTE STREET  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 7+00 TO STA. 11+38.75

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	9
			CONTRACT #: 61E94	
ILLINOIS FED. AID PROJECT				

**DEMOLITION PLAN**



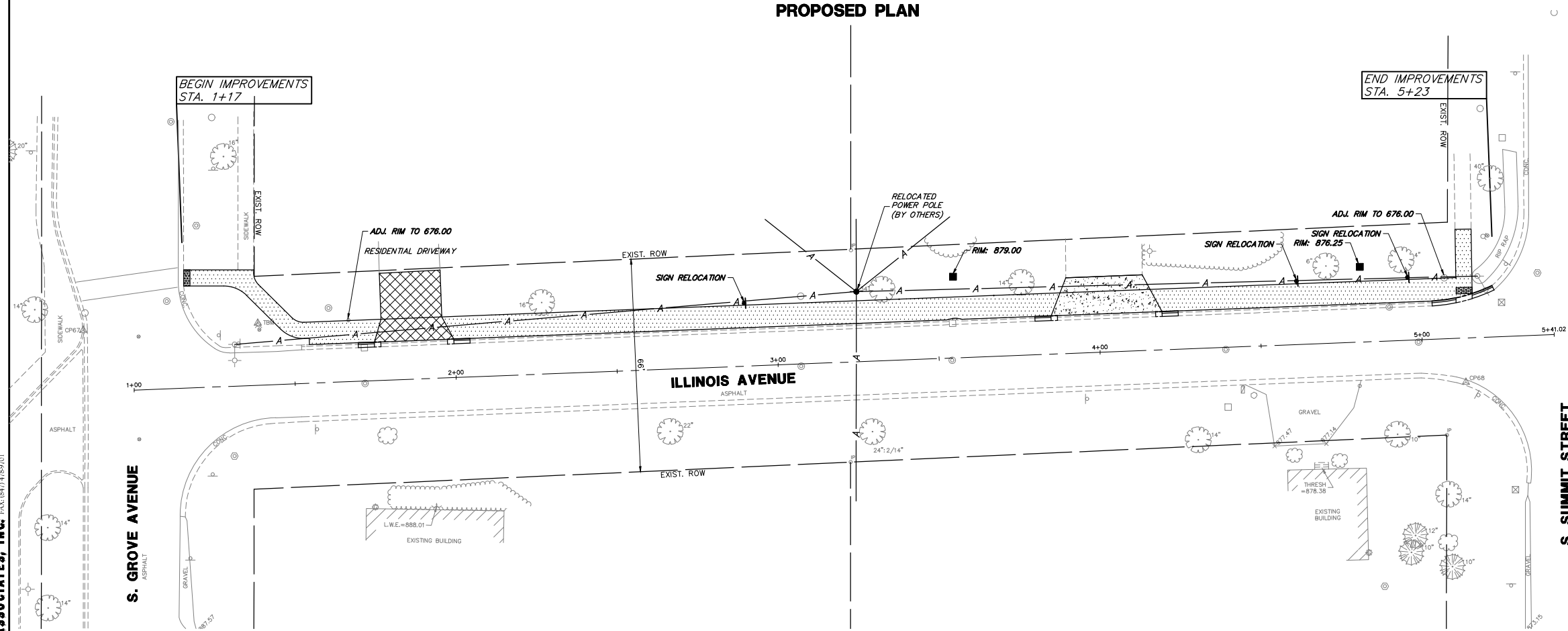
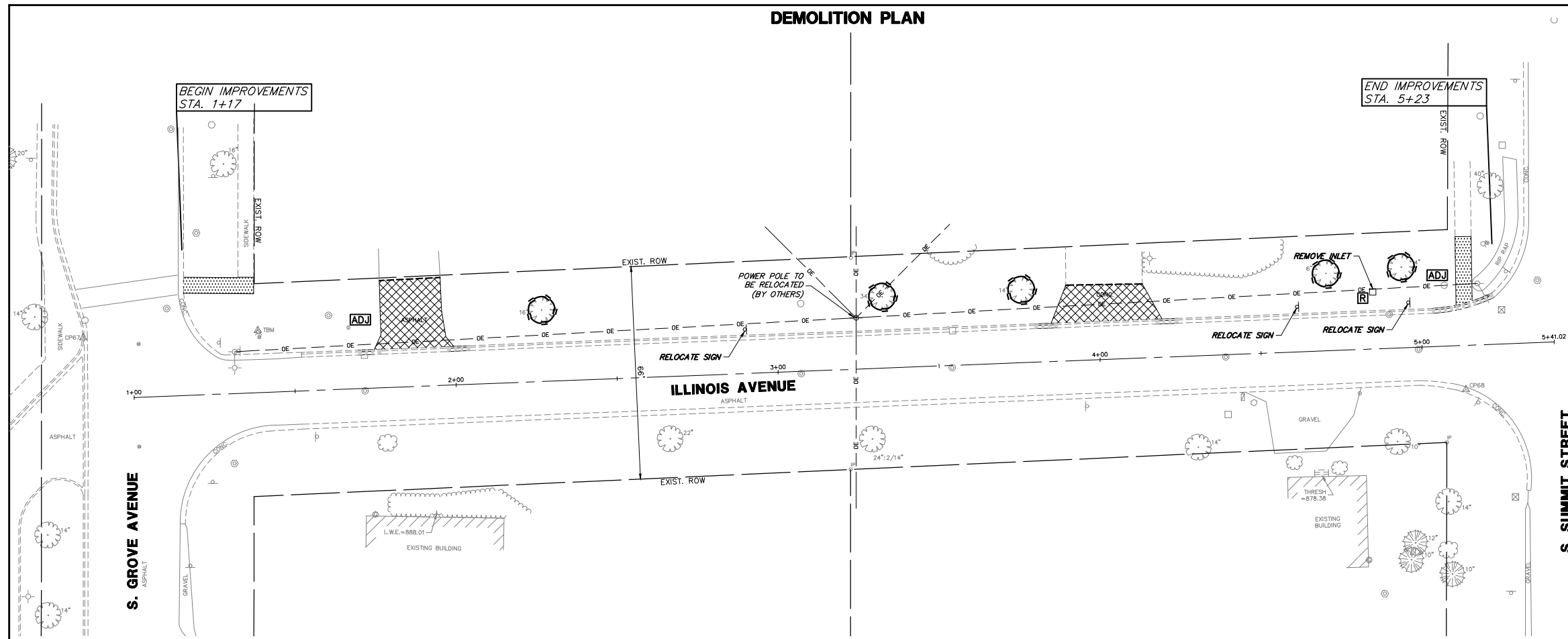
**REMOVAL LEGEND**

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, TY. II, 10"
- SIDEWALK REMOVAL
- BRICK REMOVAL
- LANDSCAPE AREA REMOVAL
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- TREE/SHRUB REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- SAWCUT
- TREE TRUNK PROTECTION  
TREE ROOT PRUNING

**PROPOSED PLAN**

**PROPOSED LEGEND**

- HMA DRIVEWAY PAVEMENT, SEE TYPICAL SECTIONS
- PCC DRIVEWAY PAVEMENT 6"
- PCC SIDEWALK
- CLASS D PATCHES, TY. II, 10"
- DETECTABLE WARNINGS
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (DEPRESSED)



**GHA** GEWALT HAMILTON ASSOCIATES, INC.  
 625 Forest Edge Drive  
 Vernon Hills, IL 60061  
 PH: (847) 483-2000  
 FAX: (847) 483-2001

FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

DESIGNED - DPB

REVISED -

DRAWN - ZCW

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 11/20/2018

DATE -

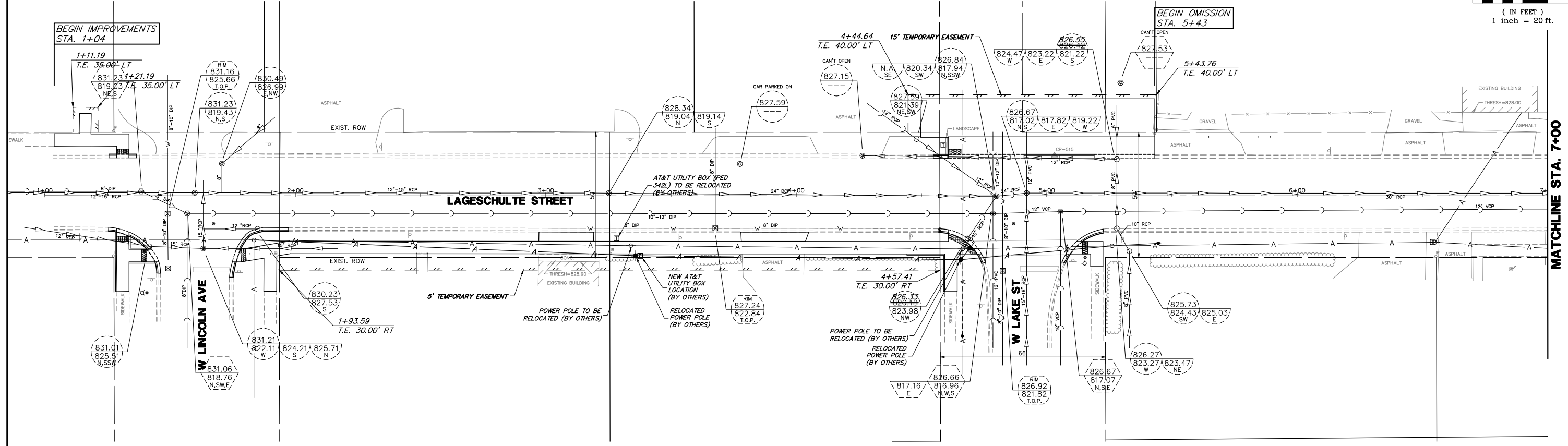
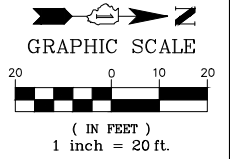
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DEMOLITION AND PROPOSED PLAN - ILLINOIS STREET  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

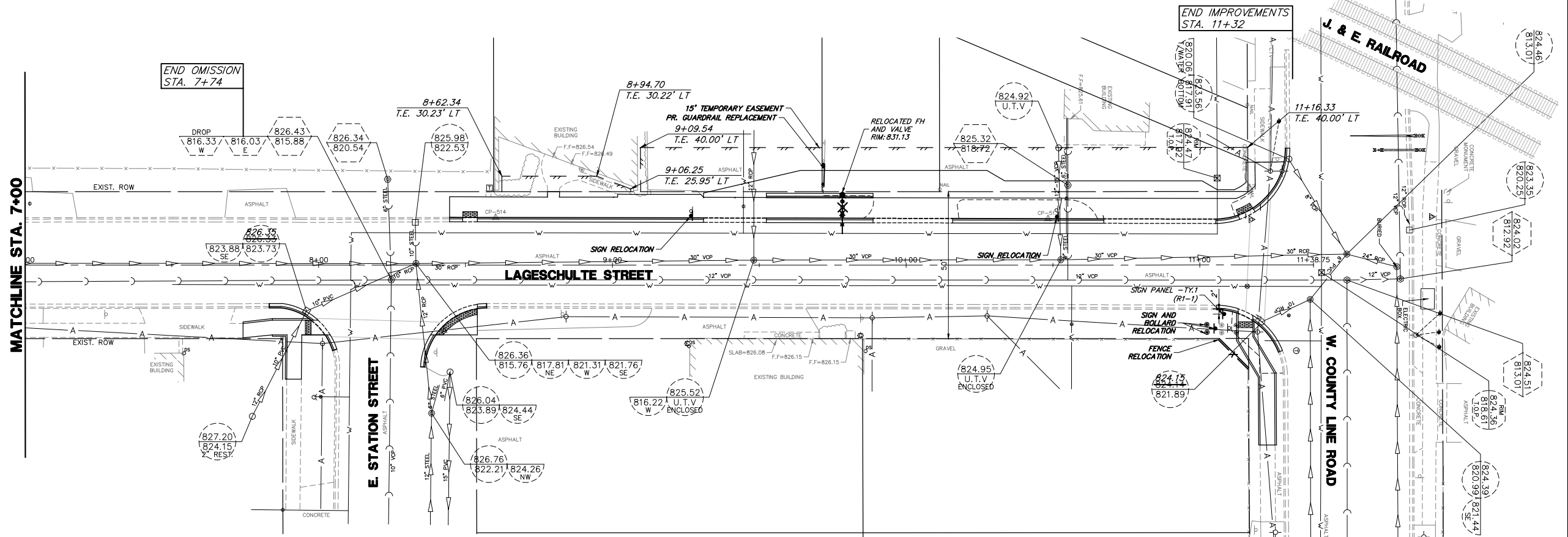
SCALE 1"=20' SHEET NO. 1 OF 1 SHEETS STA. 1+00 TO STA. 5+41.02

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	10
			CONTRACT # 61E94	
ILLINOIS FED. AID PROJECT				



**DRAINAGE & UTILITY LEGEND**

- >—>—> EXISTING STORM SEWER
  - (—(—(—( EXISTING SANITARY SEWER
  - W—W—W—W— EXISTING WATERMAIN
  - >—>—> PROPOSED STORM SEWER
  - W—W—W—W— PROPOSED WATERMAIN
- EXISTING    PROPOSED
- ●    STORM MANHOLE
  - ●    STORM CATCHBASIN
  - ■    STORM INLET
  - ▽    ▼    FLARED END SECTION
  - ⊙    ⊙    SANITARY MANHOLE
  - ⊠    ⊠    VALVE VAULT
  - ⊙    ●    VALVE BOX
  - ⊙    ●    FIRE HYDRANT
  - ⊙    ●    BUFFALO BOX
  - ⊙    ●    STREET LIGHT
  - ⊙    ●    POWER POLE
  - ⊙    ●    SIGN



625 Forest Edge Drive  
 Vernon Hills, IL 60061  
**GEWALT HAMILTON**  
**ASSOCIATES, INC.**

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PLOT SCALE = 1" = .0833'

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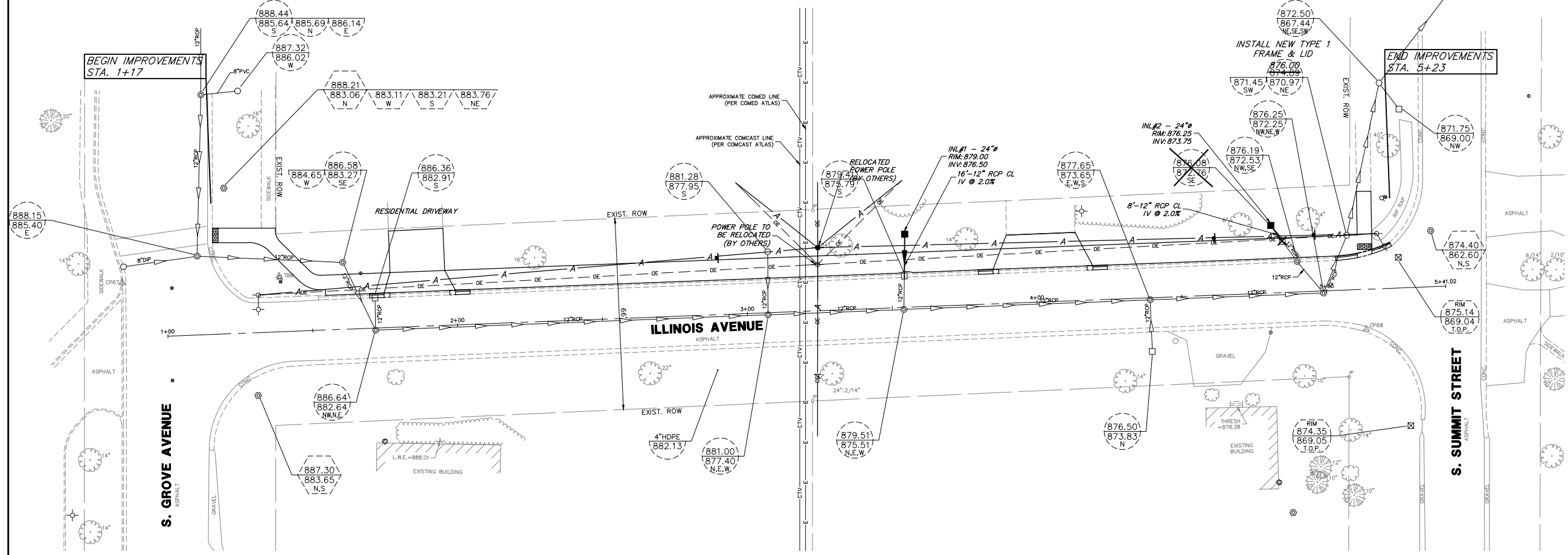
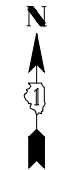
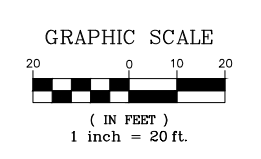
REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**UTILITY PLAN - LAGESCHULTE AVENUE**  
**SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=20'    SHEET NO. 1 OF 1 SHEETS    STA. 1+00 TO STA. 11+38.75

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	11
CONTRACT #			61E94	
ILLINOIS FED. AID PROJECT				



**ILLINOIS AVENUE**

**DRAINAGE & UTILITY LEGEND**

- EXISTING STORM SEWER
  - EXISTING SANITARY SEWER
  - EXISTING WATERMAIN
  - PROPOSED STORM SEWER
  - PROPOSED WATERMAIN
- EXISTING    PROPOSED**
- STORM MANHOLE
  - STORM CATCHBASIN
  - STORM INLET
  - FLARED END SECTION
  - SANITARY MANHOLE
  - VALVE VAULT
  - VALVE BOX
  - FIRE HYDRANT
  - BUFFALO BOX
  - STREET LIGHT
  - POWER POLE
  - SIGN

**GEWALT HAMILTON ASSOCIATES, INC.**  
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 Vernon Hills, IL 60061  
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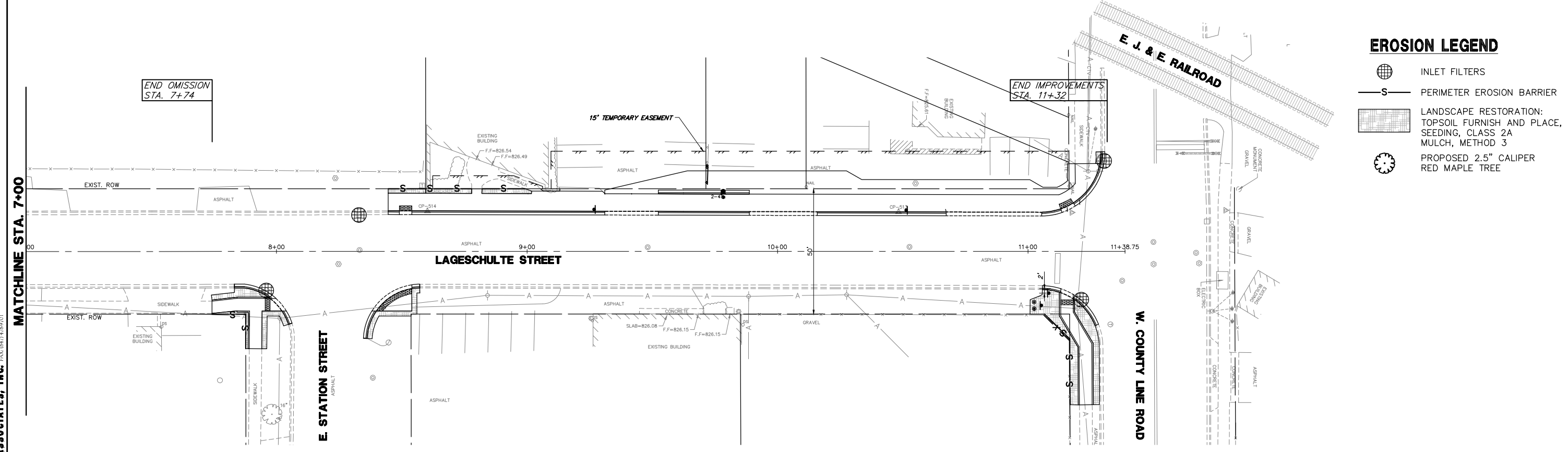
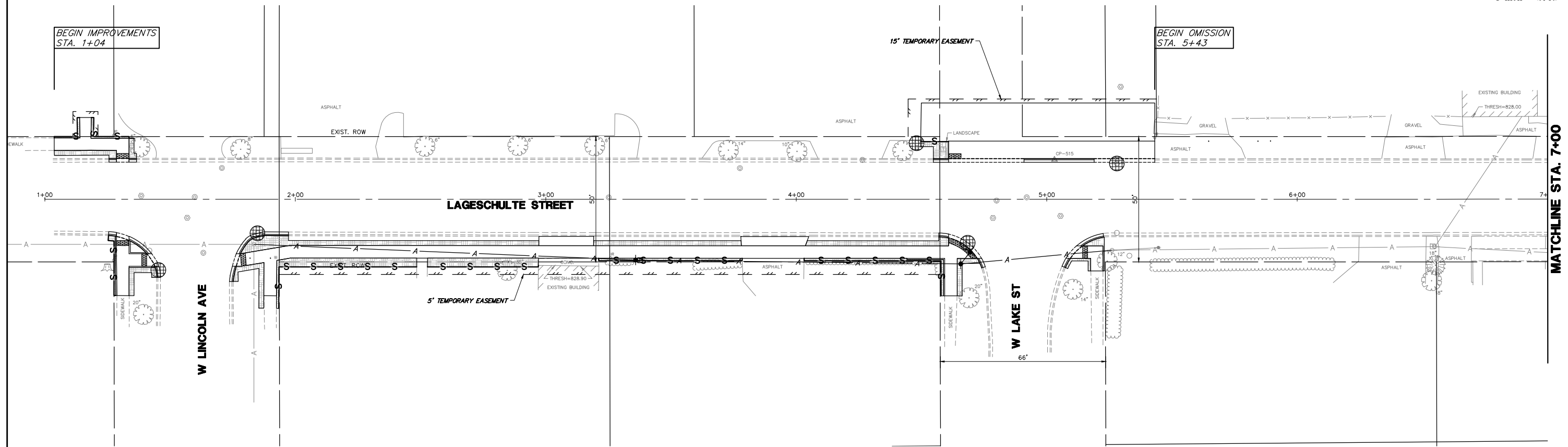
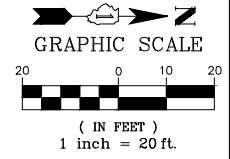
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		DRAWN - ZCW	REVISED -
		CHECKED - DPB	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**UTILITY PLAN - ILLINOIS STREET  
 SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE: 1"=20'    SHEET NO. 1 OF 1 SHEETS    STA. 1+00 TO STA. 5+41.02

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	12
			CONTRACT #: 61E94	
ILLINOIS FED. AID PROJECT				



- EROSION LEGEND**
- INLET FILTERS
  - PERIMETER EROSION BARRIER
  - LANDSCAPE RESTORATION: TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A MULCH, METHOD 3
  - PROPOSED 2.5" CALIPER RED MAPLE TREE

**GEWALT HAMILTON ASSOCIATES, INC.**  
 625 Forest Edge Drive  
 Vernon Hills, IL 60061  
 TEL: (847) 483-7800  
 FAX: (847) 483-7820

FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

PLOT SCALE = 1" = .0833'  
 PLOT DATE = 11/20/2018

DESIGNED - DPB  
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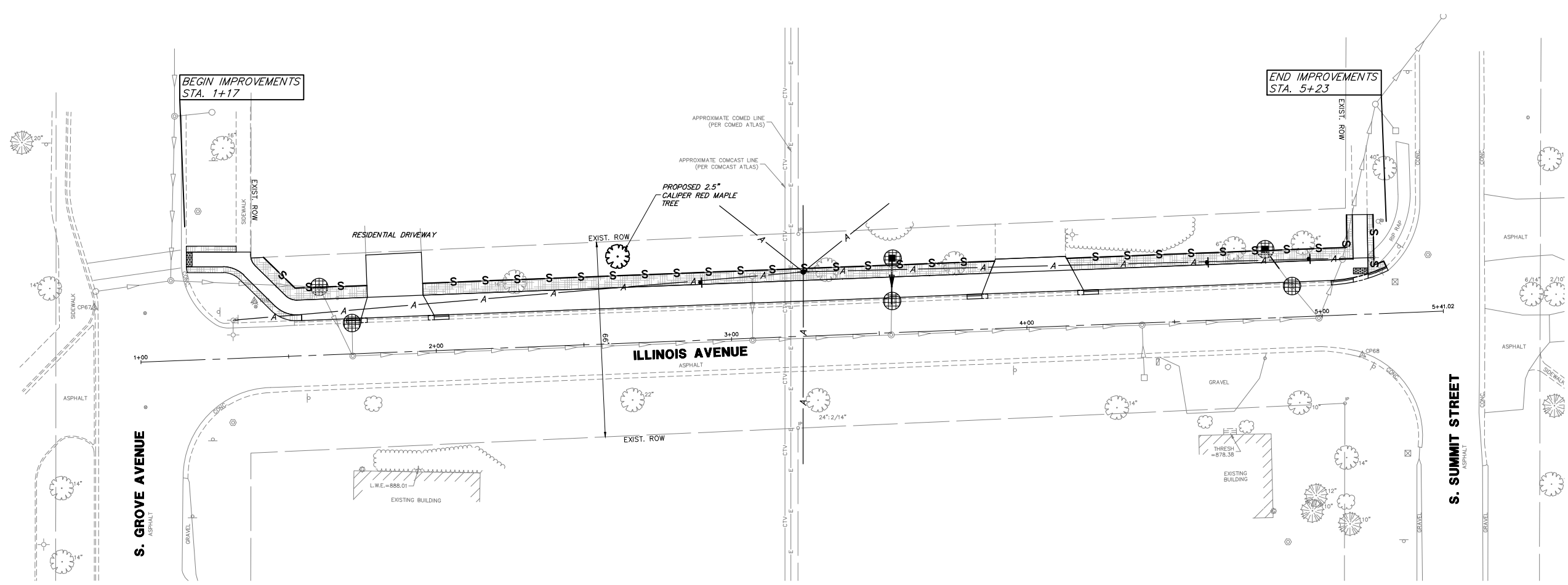
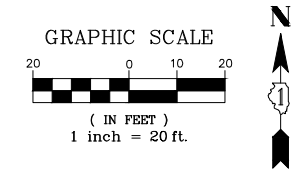
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**





**ESC PLAN - LAGESCHULTE STREET  
 SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=20' SHEET NO. 1 OF 1 SHEETS STA. 1+00 TO STA. 11+38.75

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	13
			CONTRACT # 61E94	
ILLINOIS FED. AID PROJECT				



**EROSION LEGEND**

-  INLET FILTERS
-  PERIMETER EROSION BARRIER
-  LANDSCAPE RESTORATION:  
TOPSOIL FURNISH AND PLACE, 4"  
SEEDING, CLASS 2A  
MULCH, METHOD 3
-  PROPOSED 2.5" CALIPER  
RED MAPLE TREE

**GHA GEWALT HAMILTON ASSOCIATES, INC.**  
 625 Forest Edge Drive  
 Vernon Hills, IL 60061  
 P. 847.480.7000  
 F. 847.480.7001

FILE NAME = 4370.122 PR-3.dwg	USER NAME = MARK COBB	DESIGNED - DPB	REVISED -
		DRAWN - ZCW	REVISED -
	PLOT SCALE = 1" = .0833'	CHECKED - DPB	REVISED -
	PLOT DATE = 11/20/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ESC PLAN - ILLINOIS AVENUE  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=20'    SHEET NO. 1 OF 1 SHEETS    STA. 1+00 TO STA. 5+41.02

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	14
			CONTRACT # 61E94	
ILLINOIS FED. AID PROJECT				

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

- A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE 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.

**PERIMETER EROSION BARRIER INSTALLATION**

Requirements	Test Methods	Wire Backed Supported Silt Fence *	Geotextile Elongation >=50% "	Geotextile Elongation <50% "
Maximum Post Spacing		4 feet	4 feet	6 feet
Grab Strength	ASTM D 4632	90 lbs	124 lbs	124 lbs
Machine direction		90 lbs	100 lbs	100 lbs
X-Machine direction		90 lbs	100 lbs	100 lbs
Permittivity	ASTM D 4491	0.05 sec <sup>-1</sup>	0.05 sec <sup>-1</sup>	0.05 sec <sup>-1</sup>
Apparent Opening Size	ASTM D 4751	0.024in. maximum average roll value		
Ultraviolet stability (retained strength)	ASTM D 4355	70% after 500 hours of exposure		

\* NOTE: OPTIONAL WIRE SUPPORT  
- MIN. 30' HEIGHT  
- MIN. 14 GAUGE WIRE  
- MIN. 6 HORIZ. WIRES  
- MIN. 6" VERTICAL SPACING

SCALE 1" = 1'

REVISIONS: ORIG. by LC2050 4/21/08; Update Test 7/15/11

APPROVED BY: M. G. ZEMAITIS DATE: JUNE 20, 2008

LC2050

**FOR BARE EARTH APPLICATION ONLY**

**TEMPORARY DITCH CHECK INSTALLATION FOR ROADWAY OR DRAINAGE DITCH**

REVISIONS: ADDED DIMENSIONS 04/11/08; REVISED PAY ITEM 04/15/10; ADDED PLASTIC BERM 10/10/12

APPROVED BY: M. G. ZEMAITIS DATE: APRIL 1, 2007

LC2050



**STORMWATER MANAGEMENT COMMISSION  
TYPICAL CONSTRUCTION SEQUENCING**

- Installation of soil erosion and sediment control SE/SC measures
    - Selective vegetation removal for silt fence installation
    - Silt fence installation
    - Construction fencing around areas not to be disturbed
    - Stabilized construction entrance
  - Tree removal where necessary (clear & grub)
  - Construct sediment trapping devices (sediment traps, basins...)
  - Construct detention facilities and outlet control structure with restrictor & temporary perforated riser
  - Strip topsoil, stockpile topsoil and grade site
  - Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope)
  - Install storm sewer, sanitary sewer, water and associated inlet & outlet protection
  - Permanently stabilize detention basins with seed and erosion control blanket
  - Temporarily stabilize all areas including lots that have reached temporary grade
  - Install roadways
  - Permanently stabilize all outlet areas
  - Install structures and grade individual lots
  - Permanently stabilize lots
  - 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

**FOR USE WHILE ESTABLISHING FINAL LANDSCAPING**

**TEMPORARY DITCH CHECK INSTALLATION FOR ROADWAY OR DRAINAGE DITCH**

REVISIONS: ADDED DIMENSIONS 04/11/08; REVISED PAY ITEM 04/15/10; ADDED PLASTIC BERM 10/10/12

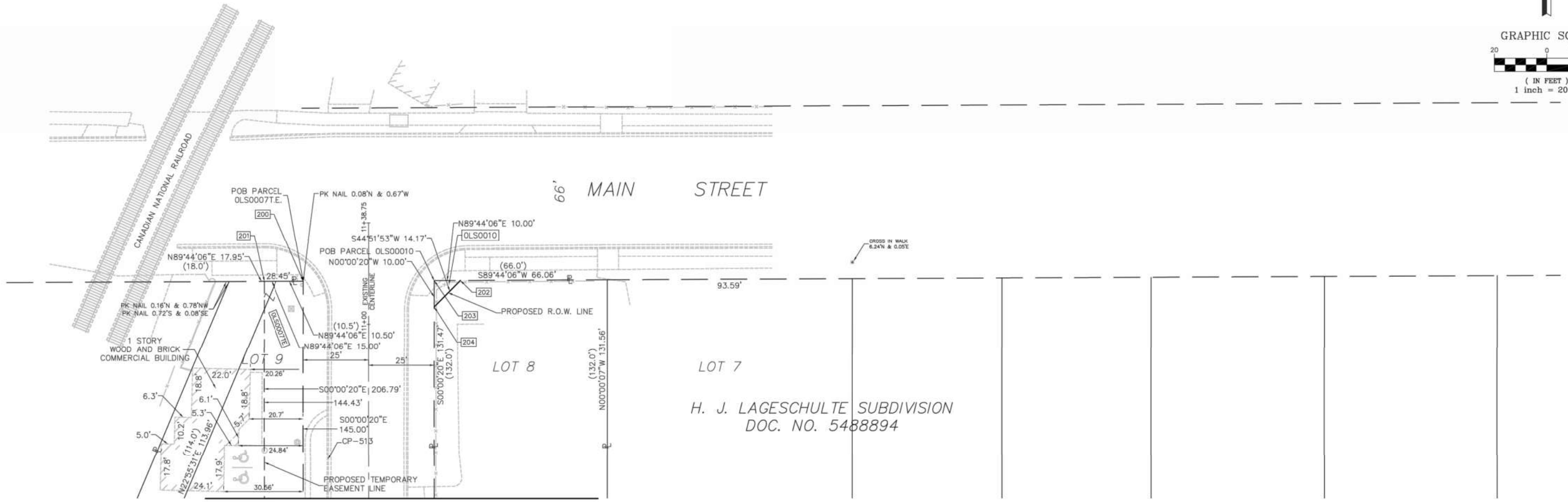
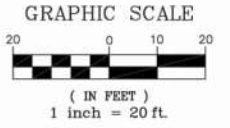
APPROVED BY: M. G. ZEMAITIS DATE: APRIL 1, 2007

LC2050

FILE NAME = 4370.122-DT1.dwg	USER NAME = MARK COBB	DESIGNED - DPB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION AND SEDIMENT CONTROL DETAILS SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS</b>	FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = .0833'	DRAWN - ZCW	REVISED -			12-00090-00-SW	COOK	42	15	
	PLOT DATE = 11/20/2018	CHECKED - DPB	REVISED -			CONTRACT # 61E94		ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -			SCALE N.T.S.	SHEET NO. - OF - SHEETS	STA. -	TO STA. -	

THE EAST 1/2 OF THE NORTHEAST 1/4 OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

N



MATCHLINE A - SEE SHEET 3

Point #	Northing	Eastings	Station	Offset
200	1998814.01	1035811.22	11+16.40	25.00' L
201	1998813.94	1035796.22	11+16.33	40.00' L
202	1998814.28	1035871.22	11+16.67	35.00' R
203	1998814.24	1035861.22	11+16.63	25.00' R
204	1998804.24	1035861.22	11+06.63	25.00' R

PARCEL NUMBER	OWNER	PART HOLDINGS	PART TAKEN		REMAINDER AREA (ACRES)	EASEMENT AREA		EASEMENT PURPOSE	PROPERTY ACQUIRED BY	PERMANENT INDEX NUMBER
			(AC)	(SF)		(AC)	(SF)			
OLS00010	G.G. INVESTMENT PROPERTIES	0.199	0.001	50	0.198	N/A	N/A			01-02-203-001
OLS0007E	FELIX REAL ESTATE MANAGEMENT LLC	0.197	N/A	N/A	0.197	0.050				01-02-200-005 01-02-200-006 01-02-200-007

CONTROL TABLE					
Point #	Northing	Eastings	Station	Offset	Description
103	1998545.52	1035863.45	8+47.91	27.20' R	MAG NAIL
104	1998268.47	1035851.57	5+70.86	15.30' R	CROSS
105	1998157.78	1035856.98	4+60.16	20.68' R	CROSS
513	1998745.93	1035820.63	10+48.32	15.60' L	CROSS
514	1998557.85	1035820.24	8+60.31	15.70' L	CROSS
515	1998200.73	1035820.98	5+03.12	15.30' L	CROSS

**BUREAU OF LAND ACQUISITION**  
**201 WEST CENTER COURT**  
**SCHAUMBURG, ILLINOIS 60196**

LIMITS: MAIN ST & LAGESCHULTE ST  
 TO LINCOLN AND LAGESCHULTE ST  
 SECTION: 12-00090-00-SW  
 STA. 10+50 TO STA. 11+38.75  
 JOB NO. R-90-023-17

All dimensions are measured unless otherwise specified. Bearings and coordinates shown hereon reference the Illinois State Plane Coordinate System, East Zone, North American Datum of 1983 (CORS 96)(2002 adjustment) "grid". All measured and calculated distances are "grid" not "ground". To obtain ground distances, divide the distances shown by the combined scale factor of 0.999975000. Areas shown on this plat are "ground".



- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- CENTERLINE
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- MEASURED DIMENSION
- RECORD DATA
- COMPUTED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
  - SET 5/8" X 30" REBAR
  - CUT CROSS FOUND OR SET
  - FOUND "MAG" NAIL
  - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
  - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- STATE OF ILLINOIS) S.S.  
 COUNTY OF LAKE)
- THIS IS TO CERTIFY THAT WE, GEWALT HAMILTON ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING/PROFESSIONAL ENGINEERING CORPORATION, NUMBER 184-000922, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 9 EAST, OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
- DATED AT VERNON HILLS, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2018 A.D.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003028  
 MY LICENSE EXPIRES NOVEMBER 30, 2018

**GHA GEWALT HAMILTON ASSOCIATES, INC.**  
 850 Forest Edge Drive ■ Vernon Hills, IL. 60061  
 TEL 847.478.9700 ■ FAX 847.478.9701

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**PLAT OF HIGHWAY**  
**STATE OF ILLINOIS / DEPARTMENT OF TRANSPORTATION**  
**LAGESCHULTE STREET**  
**VILLAGE OF BARRINGTON, ILLINOIS**

NO. BY DATE		REVISION		NO. BY DATE		REVISION	

FILE: 4370.310_POH.dwg	SHEET NUMBER
DRAWN BY: MAG	GHA PROJECT #
DATE: 3/23/18	4370.122
CHECKED BY: EAH	SCALE:
DATE:	1"=20'

**16**  
OF 42 SHEETS



THE EAST 1/2 OF THE NORTHEAST 1/4 OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

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- IRON PIPE OR ROD FOUND
- SET 5/8"X 30" REBAR
- + CUT CROSS FOUND OR SET
- FOUND "MAG" NAIL

- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
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COUNTY OF LAKE)

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DATED AT VERNON HILLS, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2018 A.D.

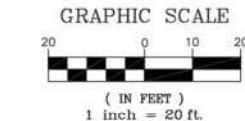
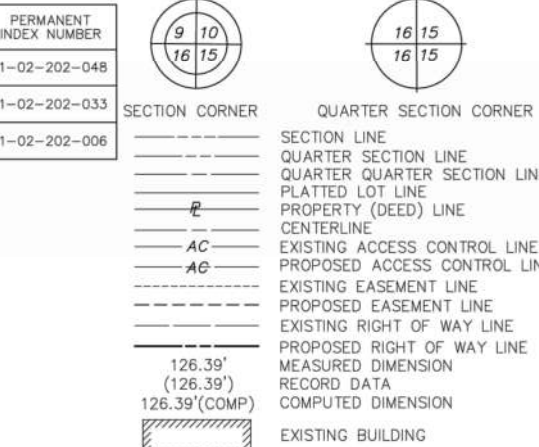
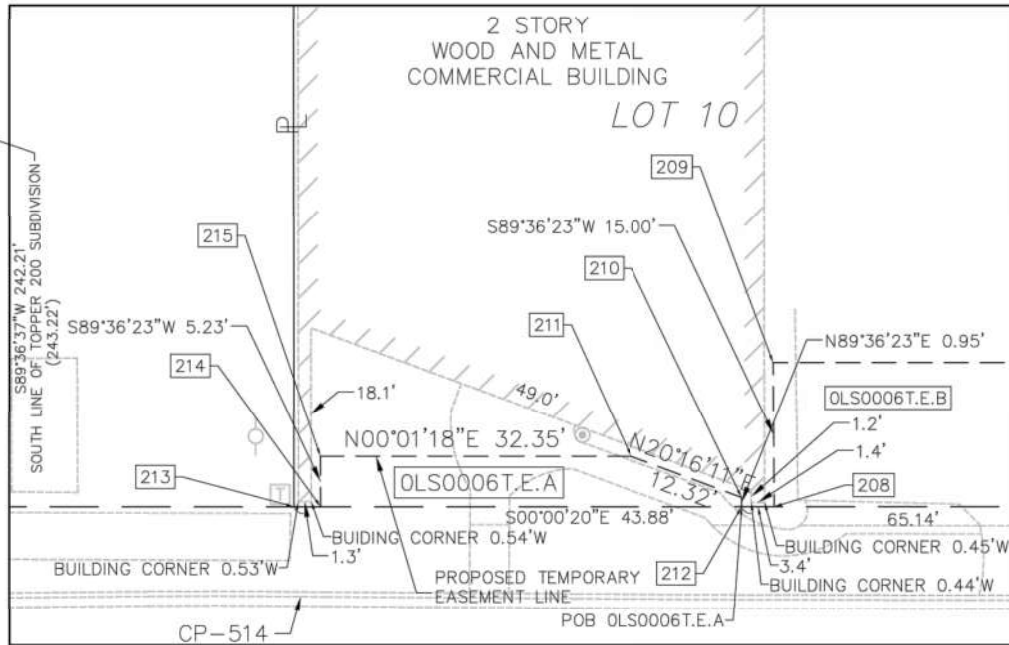


ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003026  
MY LICENSE EXPIRES NOVEMBER 30, 2018

PARCEL NUMBER	OWNER	PART HOLDINGS (ACRES)	PART TAKEN (ACRES)	REMAINDER AREA (ACRES)	EASEMENT AREA		EASEMENT PURPOSE	PROPERTY ACQUIRED BY	PERMANENT INDEX NUMBER
					(AC)	(SF)			
OLS0005TE	J&D ENTERPRISE LLC	0.406	N/A	N/A	0.018	803	CONSTRUCTION		01-02-202-048
OLS0006TE	CHICAGO TITLE LAND TRUST CO. TRUST NO. 8002349833	0.281	N/A	N/A	A=0.005 B=0.021	A=205 B=927	CONSTRUCTION		01-02-202-033
OLS0007TE	FELIX REAL ESTATE MANAGEMENT LLC	0.197	N/A	N/A	0.050	2,174	CONSTRUCTION		01-02-202-006

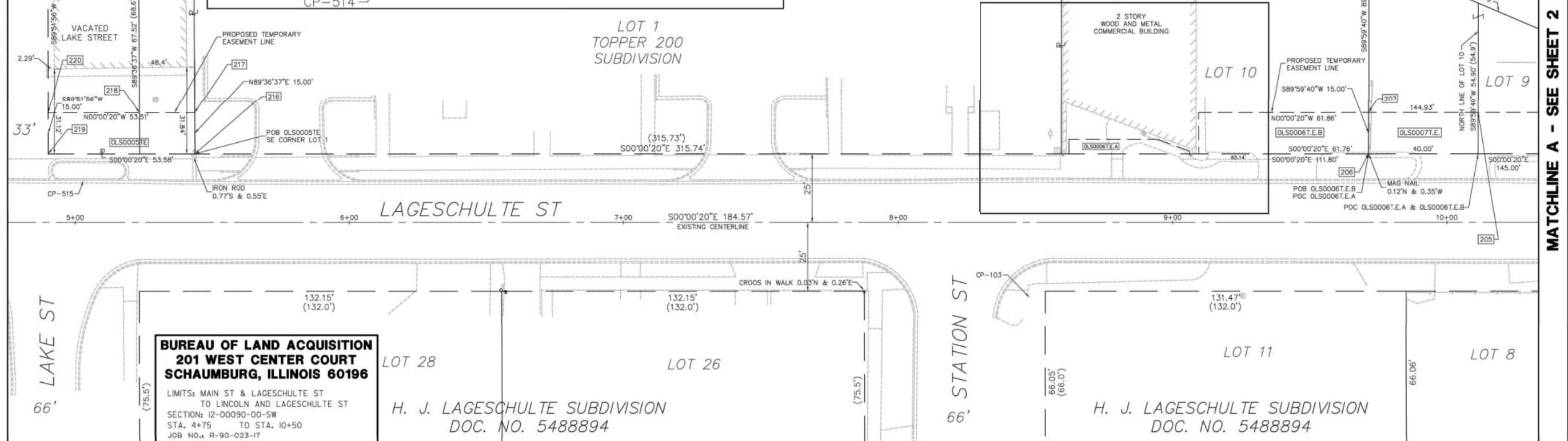
Point #	Northing	Eastng	Station	Offset	
205	1998709.01	1035796.23	10+11.40	40.00'	L
206	1998669.01	1035811.24	9+71.40	25.00'	L
207	1998669.01	1035796.24	9+71.40	40.00'	L
208	1998607.25	1035811.24	9+09.64	25.00'	L
209	1998607.15	1035796.24	9+09.54	40.00'	L
210	1998607.20	1035803.74	9+09.59	32.50'	L
211	1998603.86	1035810.29	9+06.25	25.95'	L
212	1998603.87	1035811.24	9+06.26	25.00'	L
213	1998557.20	1035811.25	8+59.60	25.00'	L
214	1998559.99	1035811.25	8+62.38	25.00'	L
215	1998559.95	1035806.01	8+62.34	30.23'	L
216	1998241.47	1035811.28	5+43.86	25.00'	L
217	1998241.37	1035796.28	5+43.76	40.00'	L
218	1998221.10	1035796.28	5+23.49	40.00'	L
219	1998187.89	1035811.28	4+90.28	25.00'	L
220	1998187.85	1035796.28	4+90.25	40.00'	L

Detail "A" Scale 1"=10'



Point #	Northing	Eastng	Station	Offset	Description
103	1998545.52	1035863.45	8+47.91	27.20'	R MAG NAIL
104	1998268.47	1035851.57	5+70.86	15.30'	R CROSS
105	1998157.78	1035856.98	4+60.16	20.68'	R CROSS
513	1998745.93	1035820.63	10+48.32	15.50'	L CROSS
514	1998557.85	1035820.24	8+60.31	15.70'	L CROSS
515	1998200.73	1035820.98	5+03.12	15.30'	L CROSS

MATCHLINE B - SEE SHEET 4



MATCHLINE A - SEE SHEET 2

**BUREAU OF LAND ACQUISITION**  
**201 WEST CENTER COURT**  
**SCHAUMBURG, ILLINOIS 60196**  
LIMITS: MAIN ST & LAGESCHULTE ST  
TO LINCOLN AND LAGESCHULTE ST  
SECTION: 12-00090-00-SW  
STA. 4+75 TO STA. 10+50  
JOB NO.: R-90-023-17

H. J. LAGESCHULTE SUBDIVISION  
DOC. NO. 5488894

H. J. LAGESCHULTE SUBDIVISION  
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**PLAT OF HIGHWAY**  
**STATE OF ILLINOIS / DEPARTMENT OF TRANSPORTATION**  
**LAGESCHULTE STREET**  
**VILLAGE OF BARRINGTON, ILLINOIS**

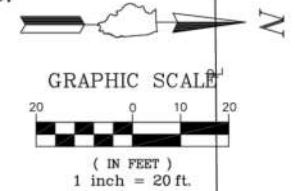
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NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 4370.310_POH.dwg	SHEET NUMBER:
DRAWN BY: MAG	GHA PROJECT #
DATE: 3/23/18	4370.122
CHECKED BY: EAH	SCALE:
DATE:	1"=20'
	OF 42 SHEETS

THE EAST 1/2 OF THE NORTHEAST 1/4 OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.



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- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- SET 5/8" X 30" REBAR
- FOUND "MAG" NAIL

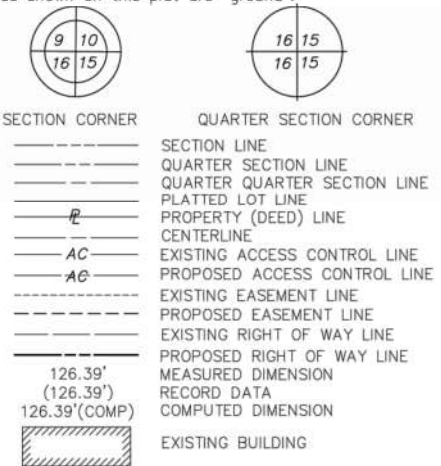
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STATE OF ILLINOIS) s.s.  
COUNTY OF LAKE)  
THIS IS TO CERTIFY THAT WE, GEWALT HAMILTON ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING/PROFESSIONAL ENGINEERING CORPORATION, NUMBER 184-000922, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 9 EAST, OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT VERNON HILLS, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_ 2018 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003026  
MY LICENSE EXPIRES NOVEMBER 30, 2018

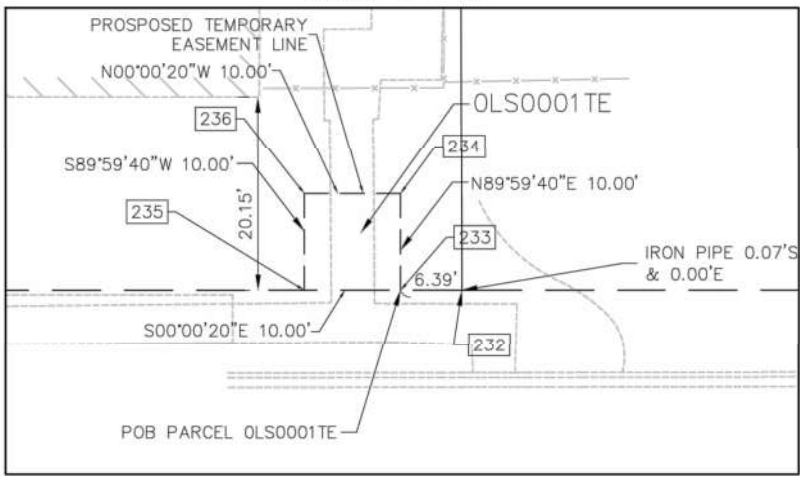


THE ARBORS  
AT BARRINGTON  
CONDOMINIUM  
SEE SHEET 5  
FOR OVERALL



Point #	Northing	Easting	Station	Offset
221	1998142.25	1035796.29	4+44.64	40.00' L
222	1998154.85	1035796.29	4+57.25	40.00' L
223	1998154.89	1035811.29	4+57.28	25.00' L
224	1998142.24	1035811.29	4+44.63	25.00' L
225	1998155.01	1035861.29	4+57.39	25.00' R
226	1998155.02	1035866.29	4+57.41	30.00' R
227	1998023.11	1035866.30	3+25.50	30.00' R
228	1998023.10	1035861.30	3+25.49	25.00' R
229	1997891.20	1035866.31	1+93.59	30.00' R
230	1997891.19	1035861.31	1+93.58	25.00' R
231	1997891.10	1035811.35	1+93.50	24.96' L
232	1997825.19	1035811.32	1+27.58	25.00' L
233	1997818.80	1035811.32	1+21.19	25.00' L
234	1997818.80	1035801.32	1+21.19	35.00' L
235	1997808.80	1035811.32	1+11.19	25.00' L
236	1997808.80	1035801.32	1+11.19	35.00' L

Detail "B"  
Scale 1"=10'



Point #	Northing	Easting	Station	Offset	Description
103	1998545.52	1035863.45	8+47.91	27.20' R	MAG NAIL
104	1998268.47	1035851.57	5+70.86	15.30' R	CROSS
105	1998157.78	1035856.98	4+60.16	20.68' R	CROSS
513	1998745.93	1035820.63	10+48.32	15.60' L	CROSS
514	1998557.85	1035820.24	8+60.31	15.70' L	CROSS
515	1998200.73	1035820.98	5+03.12	15.30' L	CROSS

PARCEL NUMBER	OWNER	PART HOLDINGS (ACRES)	PART TAKEN (ACRES)	REMAINDER AREA (ACRES)	EASEMENT AREA		EASEMENT PURPOSE	PROPERTY ACQUIRED BY	PERMANENT INDEX NUMBER
					(AC)	(SF)			
OLS0001TE	MICHAEL E. FOX	6.771	N/A	N/A	0.002	100	CONSTRUCTION		01-02-202-050
OLS0002TE	BRENT M. AND JILL R. MOTL	0.227	N/A	N/A	0.015	660	CONSTRUCTION		01-02-205-009
OLS0003TE	LESLIE G. AND DIXIE D. ETTERS	0.224	N/A	N/A	0.015	660	CONSTRUCTION		01-02-205-001
OLS0004TE	L&L PARTNERSHIP, AN ILLINOIS PARTNERSHIP	0.203	N/A	N/A	0.004	189	CONSTRUCTION		01-02-202-044

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SHAUMBURG, ILLINOIS 60196  
LIMITS: MAIN ST & LAGESCHULTE ST  
TO LINCOLN AND LAGESCHULTE ST  
SECTION: I2-00090-00-SW  
STA. 1+00 TO STA. 4+75  
JOB NO. R-90-023-17

**PLAT OF HIGHWAY**  
**STATE OF ILLINOIS / DEPARTMENT OF TRANSPORTATION**  
**LAGESCHULTE STREET**  
**VILLAGE OF BARRINGTON, ILLINOIS**

**GHA GEWALT HAMILTON ASSOCIATES, INC.**  
850 Forest Edge Drive ■ Vernon Hills, IL. 60061  
TEL 847.478.9700 ■ FAX 847.478.9701

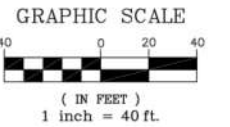
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NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 4370.310_POH.dwg	SHEET NUMBER
DRAWN BY: MAG	GHA PROJECT #
DATE: 3/23/18	4370.122
CHECKED BY: EAH	SCALE:
DATE:	1"=20'
	OF 42 SHEETS

MATCHLINE B - SEE SHEET 3

THE EAST 1/2 OF THE NORTHEAST 1/4 OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.



All dimensions are measured unless otherwise specified.  
 Bearings and coordinates shown hereon reference the Illinois State Plane Coordinate System, East Zone, North American Datum of 1983 (CORS 96)(2002 adjustment) "grid".  
 All measured and calculated distances are "grid" not "ground". To obtain ground distances, divide the distances shown by the combined scale factor of 0.999975000  
 Areas shown on this plat are "ground".



- |                |                              |
|----------------|------------------------------|
| SECTION CORNER | QUARTER SECTION CORNER       |
| -----          | SECTION LINE                 |
| -----          | QUARTER SECTION LINE         |
| -----          | QUARTER QUARTER SECTION LINE |
| -----          | PLATTED LOT LINE             |
| -----          | PROPERTY (DEED) LINE         |
| -----          | CENTERLINE                   |
| -----          | EXISTING ACCESS CONTROL LINE |
| -----          | PROPOSED ACCESS CONTROL LINE |
| -----          | EXISTING EASEMENT LINE       |
| -----          | PROPOSED EASEMENT LINE       |
| -----          | EXISTING RIGHT OF WAY LINE   |
| -----          | PROPOSED RIGHT OF WAY LINE   |
| -----          | MEASURED DIMENSION           |
| -----          | RECORD DATA                  |
| -----          | COMPUTED DIMENSION           |
| -----          | EXISTING BUILDING            |

- IRON PIPE OR ROD FOUND      • SET 5/8" X 30" REBAR ⊕
- + CUT CROSS FOUND OR SET      • FOUND "MAG" NAIL

- STAKING OF PROPOSED RIGHT OF WAY.  
 SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.

- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.  
 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.

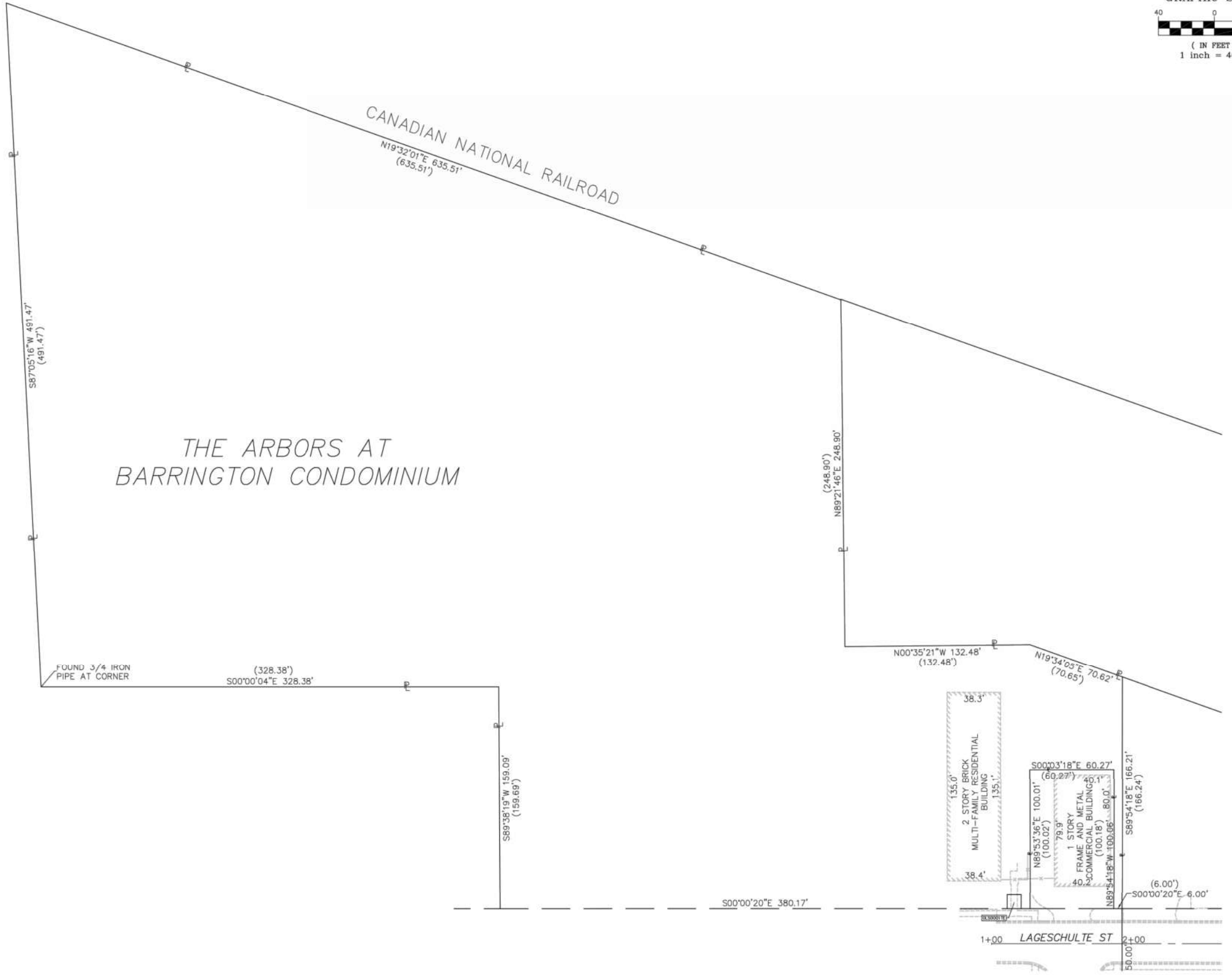
STATE OF ILLINOIS) S.S.  
 COUNTY OF LAKE)

THIS IS TO CERTIFY THAT WE, GEWALT HAMILTON ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING/PROFESSIONAL ENGINEERING CORPORATION, NUMBER 184-000922, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE EAST OF THE NORTHEAST QUARTER OF SECTION 2, TOWNSHIP 42 NORTH, RANGE 9 EAST, OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT VERNON HILLS, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2018 A.D.



ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003026  
 MY LICENSE EXPIRES NOVEMBER 30, 2018



THE ARBORS AT  
 BARRINGTON CONDOMINIUM

**BUREAU OF LAND ACQUISITION**  
**201 WEST CENTER COURT**  
**SCHAUMBURG, ILLINOIS 60196**

LIMITS: MAIN ST & LAGESCHULTE ST  
 TO LINCOLN AND LAGESCHULTE ST  
 SECTION: I2-00090-00-SW  
 STA. 1+00 TO STA. 2+00  
 JOB NO.: R-90-023-17

**GHA GEWALT HAMILTON ASSOCIATES, INC.**  
 850 Forest Edge Drive ■ Vernon Hills, IL. 60061  
 TEL 847.478.9700 ■ FAX 847.478.9701

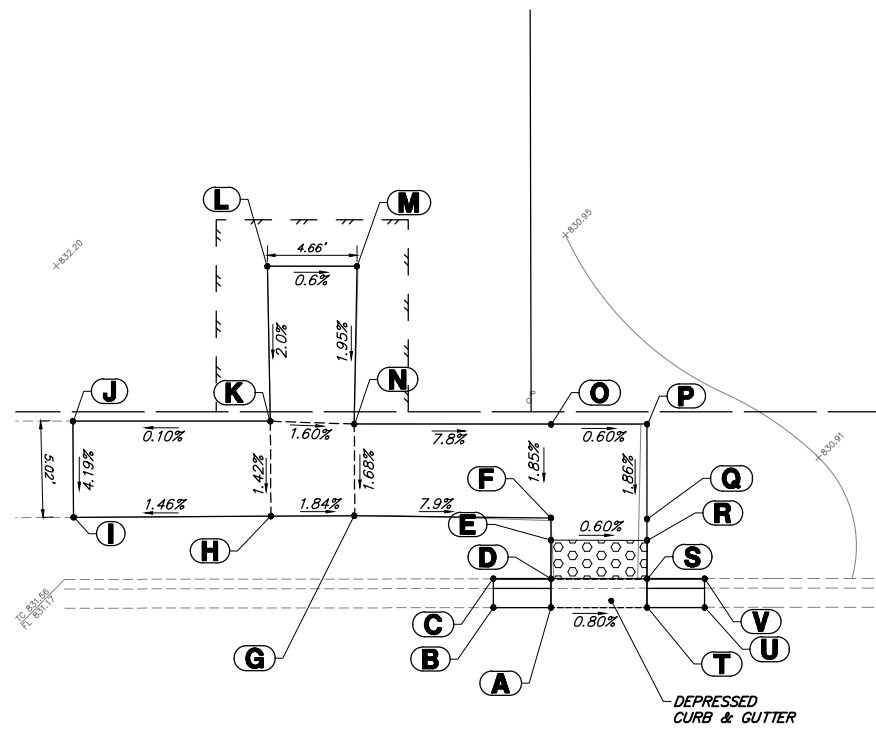
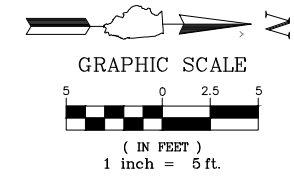
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**PLAT OF HIGHWAY**  
**STATE OF ILLINOIS / DEPARTMENT OF TRANSPORTATION**  
**LAGESCHULTE STREET**  
**VILLAGE OF BARRINGTON, ILLINOIS**

NO.	BY	DATE	REVISION	NO.	BY	DATE	REVISION

FILE: 4370.310\_POH.dwg  
 DRAWN BY: MAG      GHA PROJECT #  
 DATE: 3/23/18      4370.122  
 CHECKED BY: EAH      SCALE:  
 DATE:      1"=40'

SHEET NUMBER  
**19**  
 OF 42 SHEETS

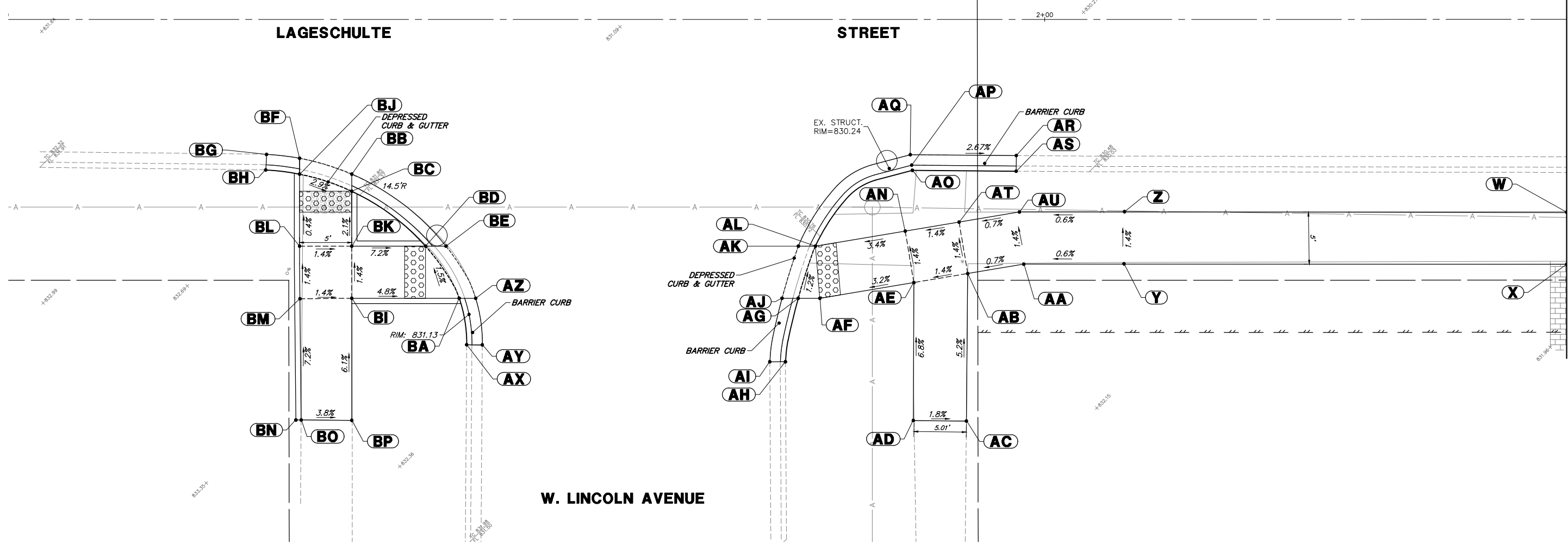


ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	1+28.6	14.8' L	830.89
B	1+25.6	14.8' L	830.92
C	1+25.6	16.3' L	831.37
D	1+28.6	16.3' L	830.87
E	1+28.6	18.3' L	830.90
F	1+28.6	19.5' L	830.93
G	1+18.4	19.6' L	831.74
H	1+14	19.6' L	831.82
I	1+03.8	19.5' L	831.67
J	1+03.7	24.5' L	831.88
K	1+14	24.5' L	831.89
L	1+13.9	32.6' L	832.01
M	1+18.5	32.6' L	831.98
N	1+18.4	24.4' L	831.82
O	1+28.6	24.3' L	831.02
P	1+33.6	24.4' L	830.99
Q	1+33.6	19.4' L	830.90
R	1+33.6	18.3' L	830.87

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	1+98	23.5' R	831.30
AB	1+92.6	24.4' R	831.26
AC	1+92.5	38.5' R	832.00
AD	1+87.4	38.5' R	832.09
AE	1+87.5	25.2' R	831.19
AF	1+78.4	26.7' R	830.90
AG	1+76.4	26.7' R	830.88
AH	1+75.2	32.8' R	831.52
AI	1+73.7	32.8' R	831.12
AJ	1+74.8	26.7' R	830.89
S	1+33.6	16.3' L	830.84
T	1+33.6	14.8' L	830.85
U	1+36.6	14.8' L	830.80
V	1+36.6	16.3' L	831.24
W	2+50	18.5' R	830.73
X	2+50	23.5' R	830.81
Y	2+07.6	23.4' R	831.36
Z	2+07.6	18.4' R	831.29

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AK	1+76.4	21.7' R	830.83
AL	1+78	21.7' R	830.82
AN	1+86.6	20.3' R	831.12
AO	1+87.3	14.5' R	830.69
AP	1+87.3	14.0' R	830.19
AQ	1+87.1	13.0' R	830.25
AR	1+97.3	13.0' R	830.17
AS	1+97.3	14.5' R	830.61
AT	1+91.8	19.4' R	831.19
AU	1+97.6	18.5' R	831.23
AX	1+44.6	31.2' R	831.72
AY	1+46.1	31.2' R	831.22
AZ	1+45.5	26.7' R	831.14
BA	1+43.9	26.7' R	831.13
BB	1+33.6	14.8' R	831.45

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BC	1+33.6	16.5' R	831.44
BD	1+40.7	21.7' R	831.04
BE	1+42.6	21.7' R	831.05
BF	1+28.6	13.3' R	831.60
BG	1+25.5	12.9' R	831.70
BH	1+25.4	14.4' R	832.12
BI	1+33.6	26.7' R	831.62
BJ	1+28.6	14.8' R	831.59
BK	1+33.6	21.7' R	831.55
BL	1+28.6	21.7' R	831.62
BM	1+28.7	26.8' R	831.69
BN	1+28.3	38.4' R	832.52
BO	1+28.8	38.4' R	832.52
BP	1+33.6	38.4' R	832.33



GEWALT HAMILTON ASSOCIATES, INC.  
 625 Forest Edge Drive  
 Vernon Hills, IL 60061  
 FAX: (847) 483-2070

FILE NAME = 4370.122 PR-3.dwg  
 USER NAME = MARK COBB  
 PLOT SCALE = 1" = .0833'  
 PLOT DATE = 11/20/2018

DESIGNED - DPB  
 DRAWN - ZCW  
 CHECKED - DPB  
 DATE -

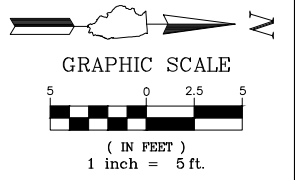
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS - LAGESCHULTE STREET**  
**SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**  
 SCALE: 1"=5' SHEET NO. 1 OF 6 SHEETS STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	20
CONTRACT #:			61E94	
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 2+50



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	2+50	23.5' R	830.81
B	2+50	18.5' R	830.73
C	2+97.2	18.5' R	828.80
D	2+97.3	14.8' R	828.66
E	3+19.1	14.8' R	828.31
F	3+19.1	18.5' R	828.74
G	3+50	18.5' R	827.92

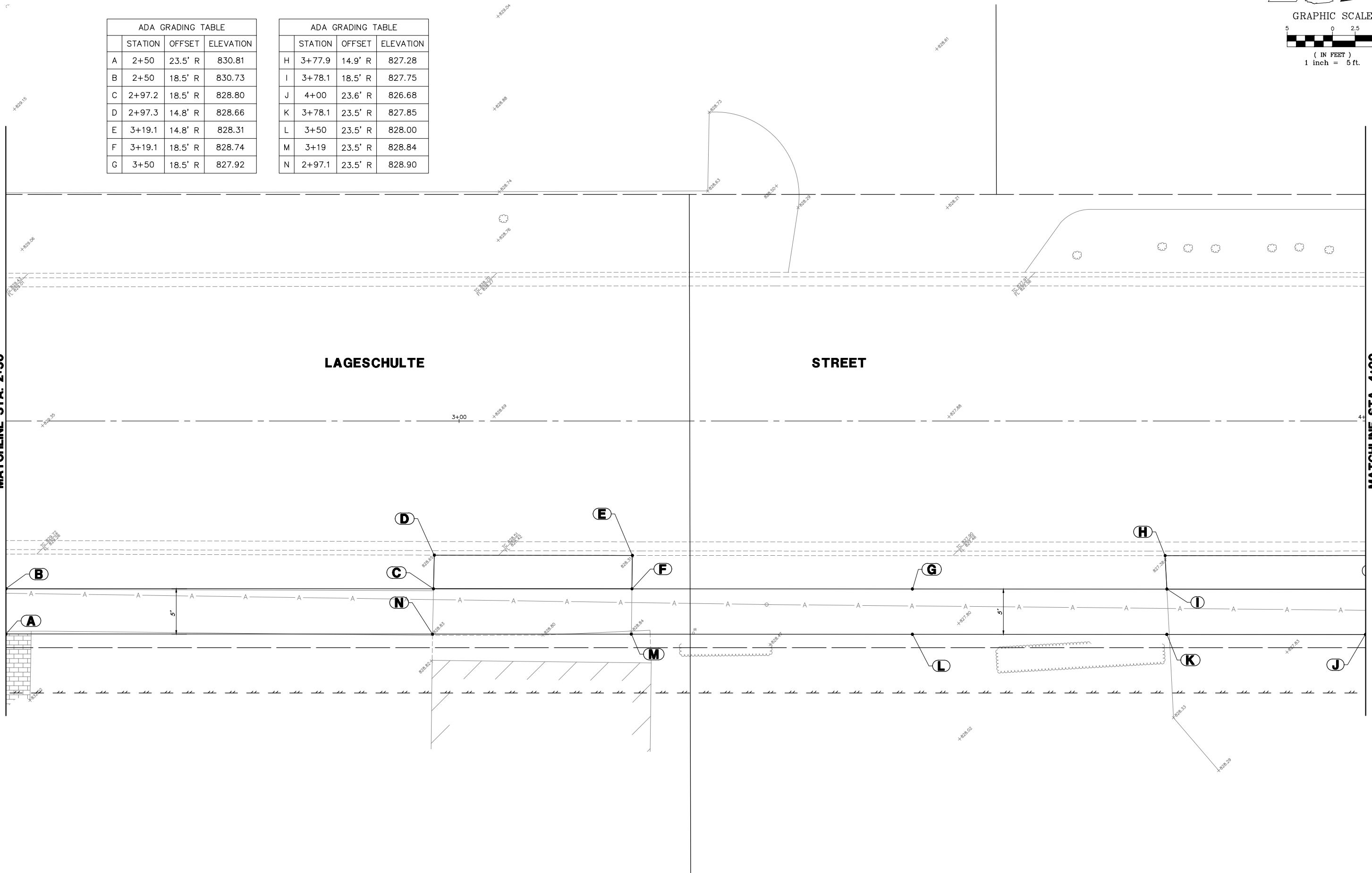
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
H	3+77.9	14.9' R	827.28
I	3+78.1	18.5' R	827.75
J	4+00	23.6' R	826.68
K	3+78.1	23.5' R	827.85
L	3+50	23.5' R	828.00
M	3+19	23.5' R	828.84
N	2+97.1	23.5' R	828.90

MATCHLINE STA. 2+50

MATCHLINE STA. 4+00

**LAGESCHULTE**

**STREET**



FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

DESIGNED - DPB

REVISED -

DRAWN - ZCW

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 11/20/2018

DATE -

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS - LAGESCHULTE STREET  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=5'

SHEET NO. 2 OF 6 SHEETS

STA. TO STA.

FA  
RTE

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

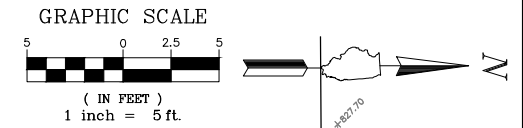
12-00090-00-SW

COOK

42 21

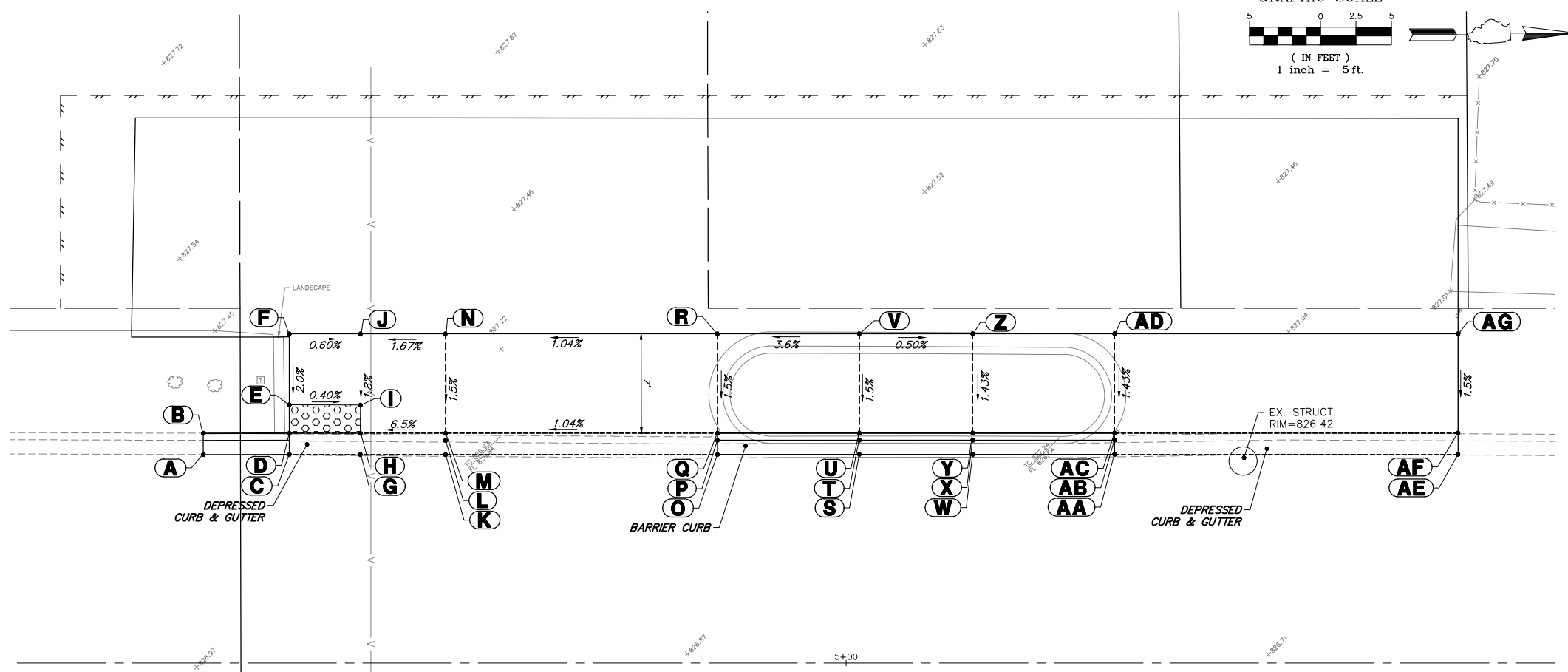
CONTRACT # 61E94

ILLINOIS FED. AID PROJECT



ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	4+54.7	14.7' L	826.85
B	4+54.7	16.2' L	827.21
C	4+60.8	14.7' L	826.80
D	4+60.8	16.2' L	826.79
E	4+60.8	18.2' L	826.82
F	4+60.8	23.2' L	826.92
G	4+65.8	14.7' L	826.78
H	4+65.8	16.2' L	826.77
I	4+65.8	18.2' L	826.80
J	4+65.8	23.2' L	826.89
K	4+71.8	14.7' L	826.82
L	4+71.8	15.7' L	826.76
M	4+71.8	16.2' L	826.88
N	4+71.8	23.2' L	826.99
O	4+90.9	14.7' L	826.62
P	4+90.9	15.7' L	826.56
Q	4+90.9	16.2' L	826.68
R	4+90.9	23.2' L	826.79
S	5+00.9	14.7' L	826.60
T	5+00.9	15.7' L	826.54
U	5+00.9	16.2' L	827.04
V	5+00.9	23.2' L	827.15
W	5+08.9	14.7' L	826.57
X	5+08.9	15.7' L	826.51
Y	5+08.9	16.2' L	827.01
Z	5+08.9	23.2' L	827.11

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	5+18.9	14.7' L	826.55
AB	5+18.9	15.7' L	826.49
AC	5+18.9	16.2' L	826.61
AD	5+18.9	23.2' L	827.71
AE	5+43.1	14.7' L	826.56
AF	5+43.1	16.2' L	826.62
AG	5+43.1	23.2' L	826.73
AH	5+22.6	13.7' R	826.43
AI	5+22.7	15.2' R	826.76
AJ	5+22.5	18.6' R	826.58
AK	5+22.5	23.6' R	826.65
AL	5+22.5	28.6' R	826.75
AM	5+17.6	28.6' R	826.82
AN	5+17.5	23.6' R	826.58
AO	5+16.3	23.6' R	826.57
AP	5+09.4	23.6' R	826.50
AQ	5+07.4	27.3' R	826.98
AR	5+06	26.7' R	826.51
AS	5+07.6	23.6' R	826.51
AT	5+11.9	18.6' R	826.50
AU	5+14.3	18.6' R	826.49
AV	5+17.5	18.6' R	826.51
AW	4+74	27.4' R	826.92
AX	4+75.4	27.0' R	826.56
AY	4+74	23.6' R	826.45
AZ	4+68.3	17.3' R	826.33



MATCHLINE STA. 4+00

LAGESCHULTE STREET

STREET

W. LAKE STREET

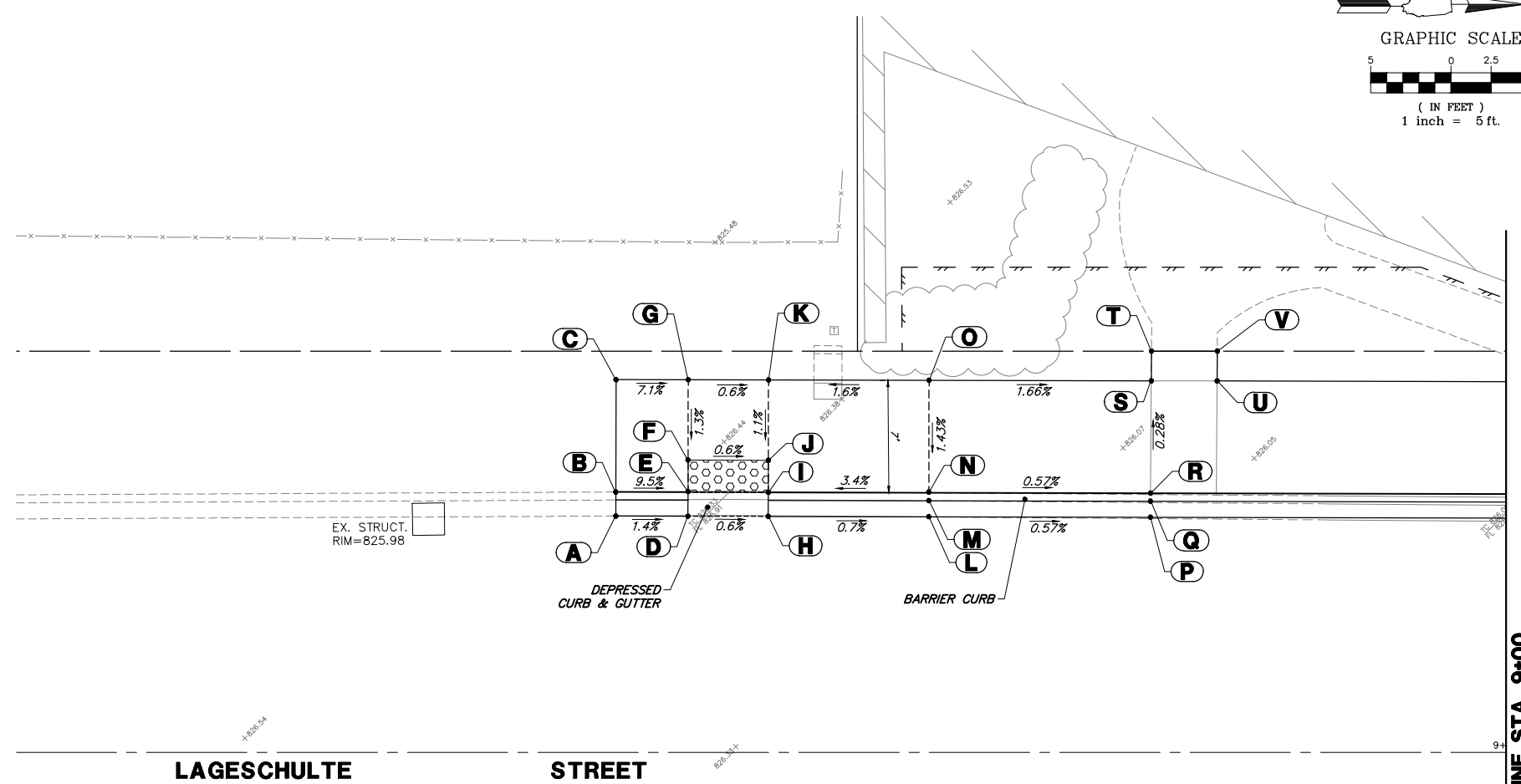
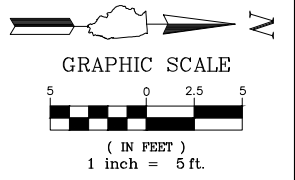
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
BA	4+60.8	13.9' R	826.42
BB	4+56.9	13.5' R	826.46
BC	4+56.9	15.0' R	827.01
BD	4+60.8	15.4' R	826.41
BF	4+60.8	18.6' R	826.46
BG	4+59.2	18.6' R	826.48
BH	4+44.2	18.6' R	827.11
BI	4+44.2	23.6' R	827.07
BJ	4+44.2	24.1' R	827.07
BK	4+58.8	24.1' R	827.11
BL	4+59.2	23.6' R	826.55
BM	4+58.7	38.6' R	827.29
BN	4+59.2	38.6' R	827.29
BO	4+64.2	38.6' R	827.15
BP	4+64.3	23.6' R	826.48
BR	4+72.2	23.6' R	826.44
BT	4+67.4	18.5' R	826.32
BV	4+03.1	23.6' R	827.66
BW	4+03.6	18.6' R	827.56
BX	4+05	14.9' R	827.04

FILE NAME = 4370.122 PR-3.dwg	USER NAME = MARK COBB	DESIGNED - DPB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ADA SIDEWALK RAMP DETAILS - LAGESCHULTE STREET</b> <b>SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS</b>	FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - ZCW	REVISED -					12-00090-00-SW	COOK	42	22
		CHECKED - DPB	REVISED -								
		DATE -	REVISED -						CONTRACT #	61E94	
				SCALE 1"=5'		SHEET NO. 3 OF 6 SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT	

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
A	8+44.5	14.7' L	825.95
B	8+44.5	16.2' L	826.40
C	8+44.6	23.2' L	826.40
D	8+49	14.7' L	825.94
E	8+49	16.3' L	825.93
F	8+49	18.2' L	825.95
G	8+49.1	23.2' L	826.02
H	8+54	14.7' L	825.91
I	8+54	16.2' L	825.90
J	8+54	18.2' L	825.92
K	8+54.1	23.2' L	825.98
L	8+64	14.7' L	825.84
M	8+64	15.7' L	825.78
N	8+64	16.2' L	826.28
O	8+64.1	23.2' L	826.38
P	8+77.8	14.7' L	825.76
Q	8+77.8	15.7' L	825.70
R	8+77.8	16.2' L	826.20
S	8+77.9	23.2' L	826.18
T	8+77.9	25.0' L	826.21
U	8+82	23.1' L	826.16
V	8+82	25.0' L	826.19
W	8+57.2	13.1' R	826.25
X	8+57.2	14.6' R	826.68
Y	8+54	16.9' R	826.35
Z	8+54	23.8' R	826.40

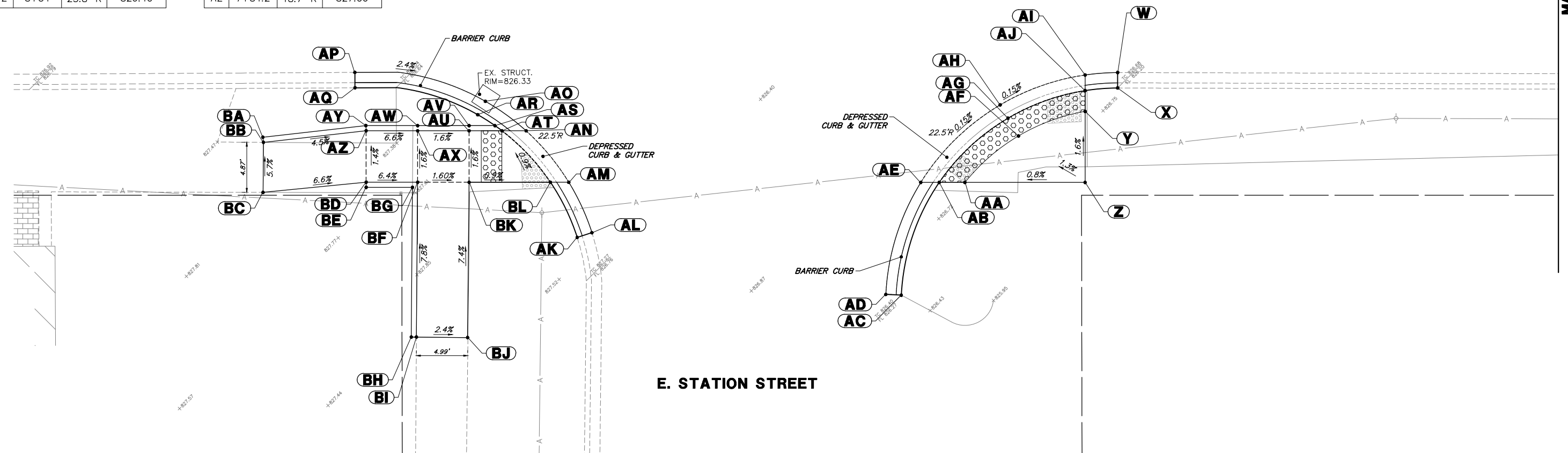
ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
AA	8+42.4	23.8' R	826.30
AB	8+39.9	23.8' R	826.29
AC	8+36.2	34.7' R	826.34
AD	8+34.7	34.6' R	826.31
AE	8+38.1	23.8' R	826.30
AF	8+47.6	19.2' R	826.28
AG	8+46.6	17.5' R	826.27
AH	8+45.8	16.2' R	826.28
AI	8+54	13.3' R	826.27
AJ	8+54	14.8' R	826.26
AK	8+04.7	29.1' R	827.13
AL	8+06.2	28.6' R	826.69
AM	8+03.9	23.7' R	826.61
AN	7+99.8	18.7' R	826.55
AO	7+95.8	15.9' R	826.35
AP	7+83.1	13.1' R	826.66
AQ	7+83.1	14.6' R	827.09
AR	7+95.1	17.2' R	826.79
AS	7+96.7	18.2' R	827.04
AT	7+97.4	18.7' R	826.54
AU	7+94.2	18.7' R	826.59
AV	7+94.2	18.2' R	827.09
AW	7+89.2	18.2' R	827.17
AX	7+89.2	18.7' R	826.67
AY	7+84.2	18.2' R	827.50
AZ	7+84.2	18.7' R	827.00

ADA GRADING TABLE			
STATION	OFFSET	ELEVATION	
BA	7+74.2	19.4' R	827.45
BB	7+74.3	19.9' R	827.45
BC	7+74.2	24.7' R	827.73
BD	7+84.2	23.7' R	827.07
BE	7+84.2	24.2' R	827.07
BF	7+89.2	23.7' R	826.75
BG	7+88.7	24.2' R	827.25
BH	7+88.6	38.8' R	827.92
BI	7+89.1	38.8' R	827.92
BJ	7+94.1	38.8' R	827.78
BK	7+94.2	23.7' R	826.67
BL	8+02.1	23.7' R	826.60



LAGESCHULTE STREET

MATCHLINE STA. 9+00



E. STATION STREET

FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

DESIGNED - DPB

REVISED -

DRAWN - ZCW

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 11/20/2018

DATE -

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS - LAGESCHULTE STREET  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

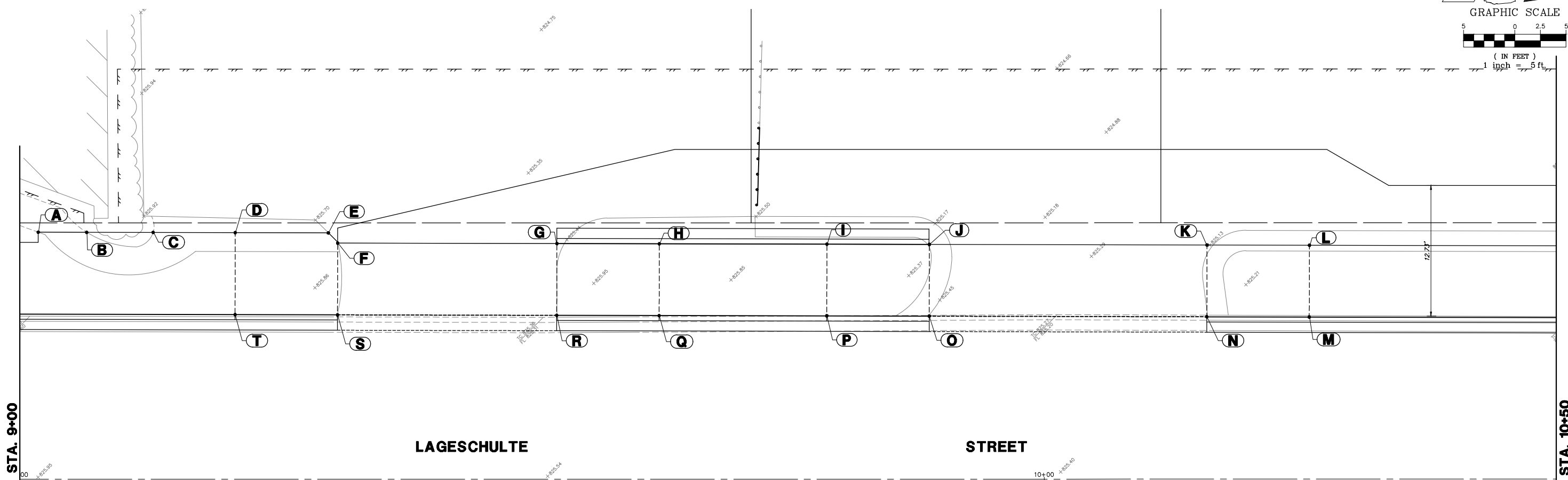
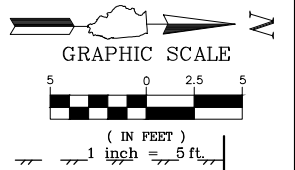
SCALE 1"=5'

SHEET NO. 4 OF 6 SHEETS

STA. TO STA.

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	23
			CONTRACT # 61E94	

ILLINOIS FED. AID PROJECT

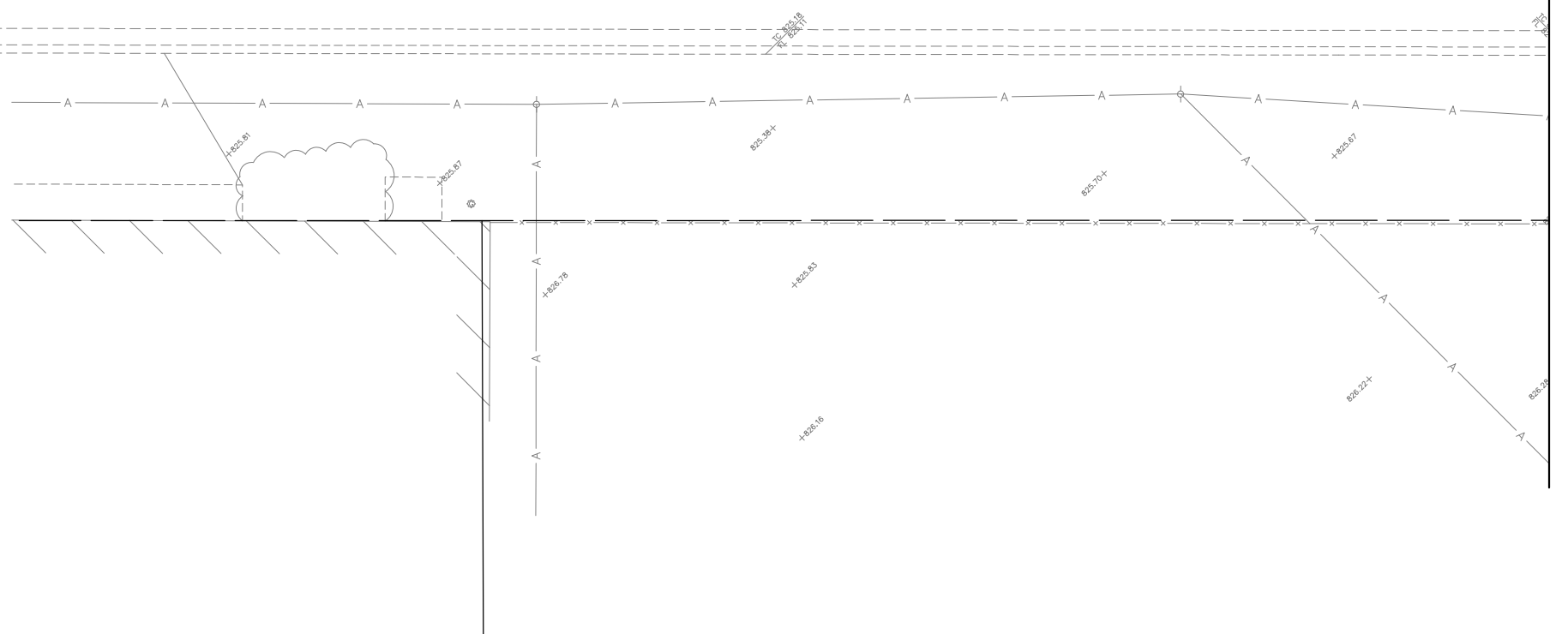


**LAGESCHULTE**

**STREET**

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	9+01.8	24.1' L	826.36
B	9+06.5	24.1' L	826.41
C	9+13	24.1' L	826.13
D	9+21	24.1' L	825.93
E	9+30.1	24.0' L	825.64
F	9+31	23.0' L	825.63
G	9+52.4	23.0' L	825.54
H	9+62.4	23.0' L	825.88
I	9+78.8	22.9' L	825.83
J	9+88.8	22.9' L	825.42
K	10+15.9	22.8' L	825.25
L	10+25.9	22.8' L	825.54

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
M	10+25.9	15.8' L	825.44
N	10+15.9	15.8' L	825.15
O	9+88.8	15.9' L	825.32
P	9+78.8	15.9' L	825.73
Q	9+62.4	16.0' L	825.78
R	9+52.4	16.0' L	825.43
S	9+31	16.0' L	825.53
T	9+21	16.1' L	825.96



FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

DESIGNED - DPB

REVISED -

DRAWN - ZCW

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 11/20/2018

DATE -

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS - LAGESHULTE STREET  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=5'

SHEET NO. 5 OF 6 SHEETS

STA. TO STA.

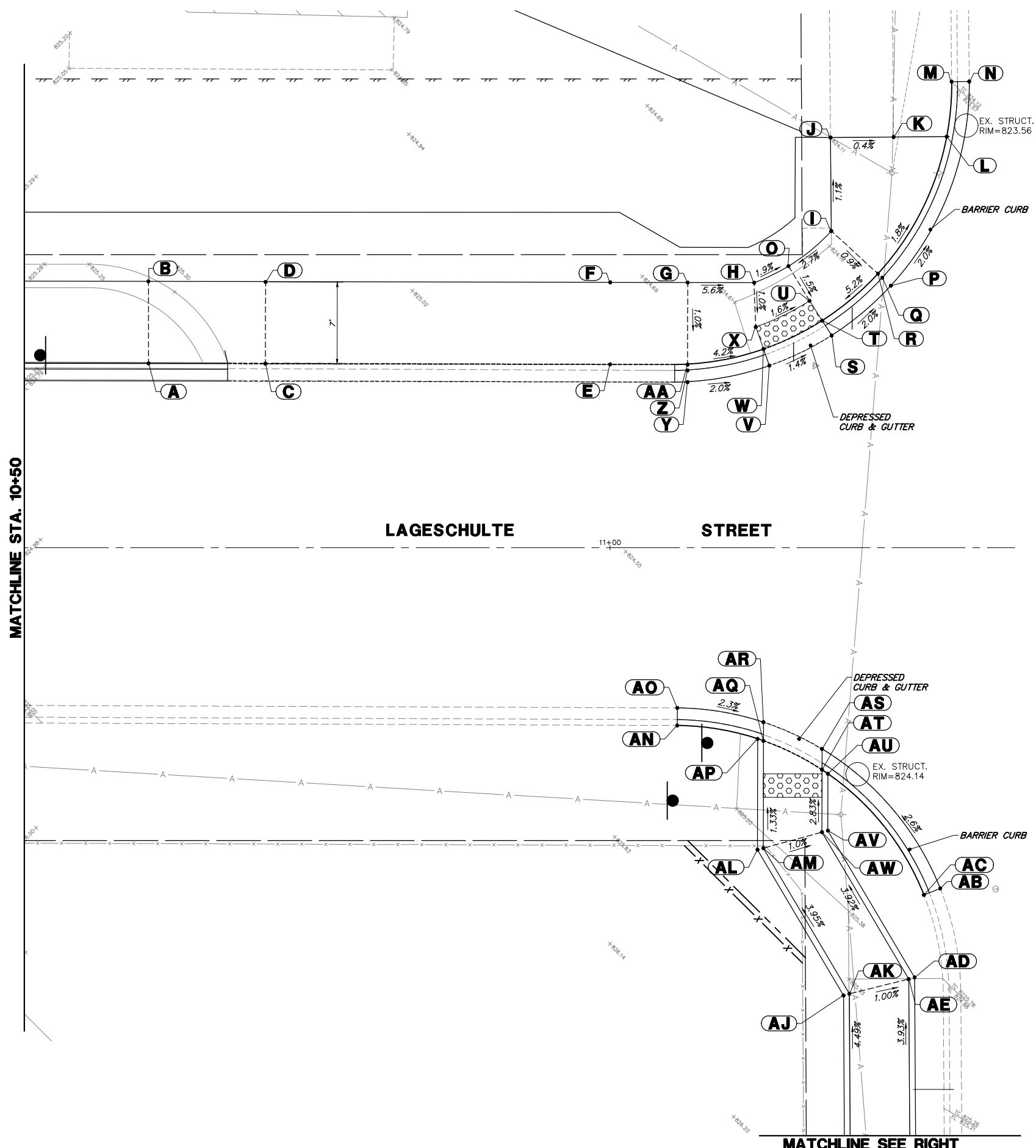
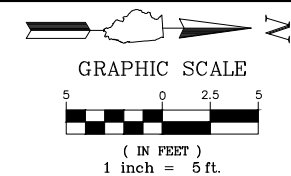
FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	12-00090-00-SW	COOK	42	24
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CONTRACT # 61E94

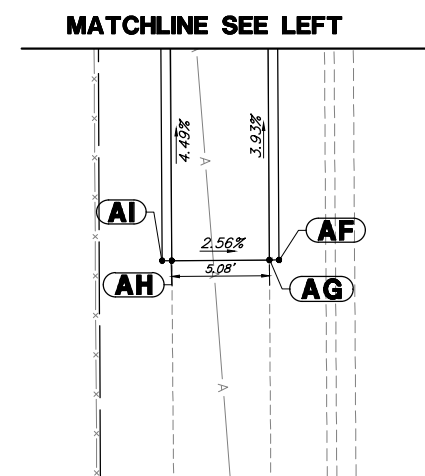
ILLINOIS FED. AID PROJECT





ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	10+60.6	15.7' L	825.20
B	10+60.6	22.7' L	825.31
C	10+70.6	15.7' L	824.78
D	10+70.6	22.7' L	824.88
E	11+00	15.6' L	824.52
F	11+00	22.6' L	824.62
G	11+06.6	22.6' L	824.43
H	11+12.3	22.6' L	824.13
I	11+18.9	27.0' L	824.20
J	11+18.8	35.0' L	824.11
K	11+24.2	35.0' L	824.09
L	11+28.7	35.1' L	824.07
M	11+29.2	39.8' L	824.12
N	11+30.7	39.8' L	823.59
O	11+15.2	24.0' L	824.07
P	11+24	22.4' L	823.87
Q	11+23.2	23.0' L	823.81
R	11+22.9	23.4' L	824.31
S	11+18.9	18.1' L	824.00
T	11+18.1	19.4' L	823.99
U	11+17	21.1' L	824.02
V	11+13.6	15.5' L	824.08
W	11+13.1	16.9' L	824.07
X	11+12.4	18.8' L	824.10
Y	11+06.6	14.1' L	824.28
Z	11+06.6	15.1' L	824.22

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	11+06.6	15.6' L	824.34
AB	11+28.2	29.1' R	824.62
AC	11+26.8	29.6' R	825.06
AD	11+26	36.7' R	825.90
AE	11+25.5	36.8' R	824.91
AF	11+26.1	61.2' R	825.87
AG	11+25.6	61.2' R	825.87
AH	11+20.6	61.2' R	826.00
AI	11+20.1	61.2' R	826.00
AJ	11+19.9	38.2' R	825.46
AK	11+20.4	38.1' R	824.96
AL	11+12.6	25.8' R	825.10
AM	11+13.1	25.6' R	824.39
AN	11+05.7	15.2' R	824.89
AO	11+05.7	13.7' R	824.45
AP	11+12.6	16.3' R	824.77
AQ	11+13.1	16.5' R	824.27
AR	11+13.1	14.9' R	824.28
AS	11+18.1	17.2' R	824.20
AT	11+18.1	19.0' R	824.19
AU	11+18.6	19.3' R	824.69
AV	11+18.6	24.1' R	824.84
AW	11+18.1	24.3' R	824.34



FILE NAME = 4370.122 PR-3.dwg	USER NAME = MARK COBB	DESIGNED - DPB	REVISED -
		DRAWN - ZCW	REVISED -
		CHECKED - DPB	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS - LAGESHULTE STREET  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=5'    SHEET NO. 6 OF 6 SHEETS    STA. TO STA.

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	25
		CONTRACT # 61E94		

ILLINOIS FED. AID PROJECT

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	1+16.8	36.7' L	888.18
AA	1+70	12.0' L	886.69
AB	1+54.9	12.0' L	887.21
AC	1+35.6	28.4' L	887.87
AD	1+33.4	30.0' L	887.95
AE	1+29	31.2' L	888.02
AF	1+23.6	31.4' L	888.08

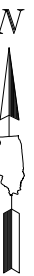
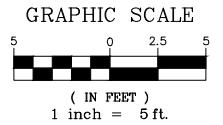
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AG	1+18.6	31.6' L	888.15
AH	1+16.6	31.7' L	888.17
AI	1+14.9	31.7' L	888.18
AJ	1+15.1	36.7' L	888.22
AK	1+77.4	33.3' L	887.51
AL	1+96.3	33.5' L	887.27
B	1+18.8	36.6' L	888.16

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
C	1+23.8	36.4' L	888.08
D	1+33.6	36.0' L	887.98
E	1+38.5	35.8' L	887.94
F	1+39.3	31.8' L	887.86
G	1+54.9	19.0' L	887.33
H	1+70	19.0' L	886.80
I	1+75	19.0' L	886.45

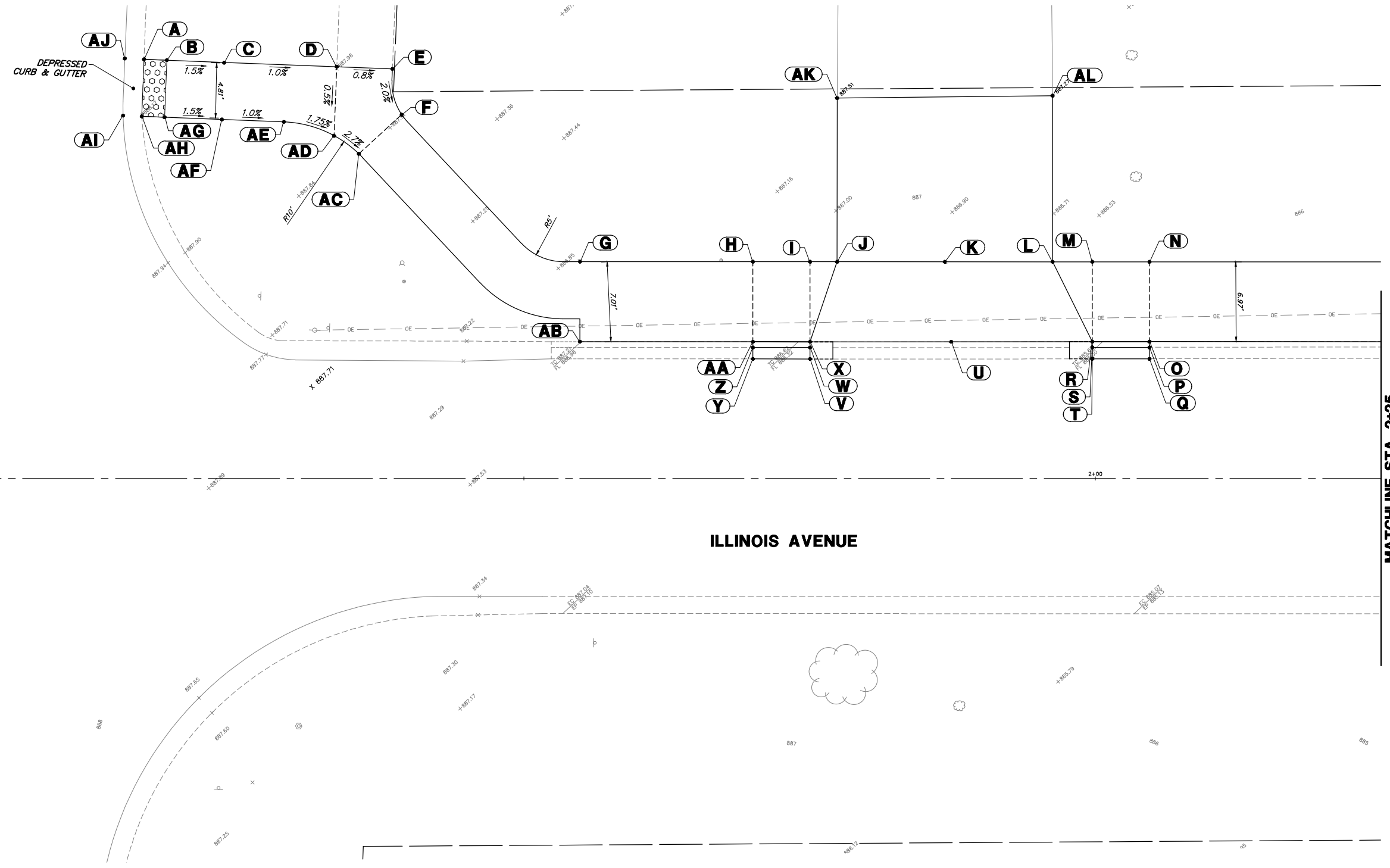
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
J	1+77.4	19.0' L	886.36
K	1+86.8	19.0' L	886.00
L	1+96.3	18.9' L	885.64
M	1+99.7	18.9' L	885.51
N	2+04.7	18.9' L	885.48
O	2+04.7	12.0' L	885.37
P	2+04.7	11.5' L	885.10

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
Q	2+04.7	10.5' L	885.16
R	1+99.7	12.0' L	885.40
S	1+99.7	11.5' L	885.28
T	1+99.7	10.5' L	885.34
U	1+87.4	12.0' L	0.00
V	1+75	10.4' L	886.28
W	1+75	11.5' L	886.22

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
X	1+75	11.9' L	886.34
Y	1+70	10.5' L	886.48
Z	1+70	11.5' L	886.42



S. GROVE AVENUE



MATCHLINE STA. 2+25

FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

DESIGNED - DPB

REVISED -

DRAWN - ZCW

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 11/20/2018

DATE -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK RAMP DETAILS - ILLINOIS AVENUE  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS

SCALE 1"=5'

SHEET NO. 1 OF 3 SHEETS

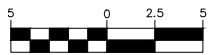
STA.

TO STA.

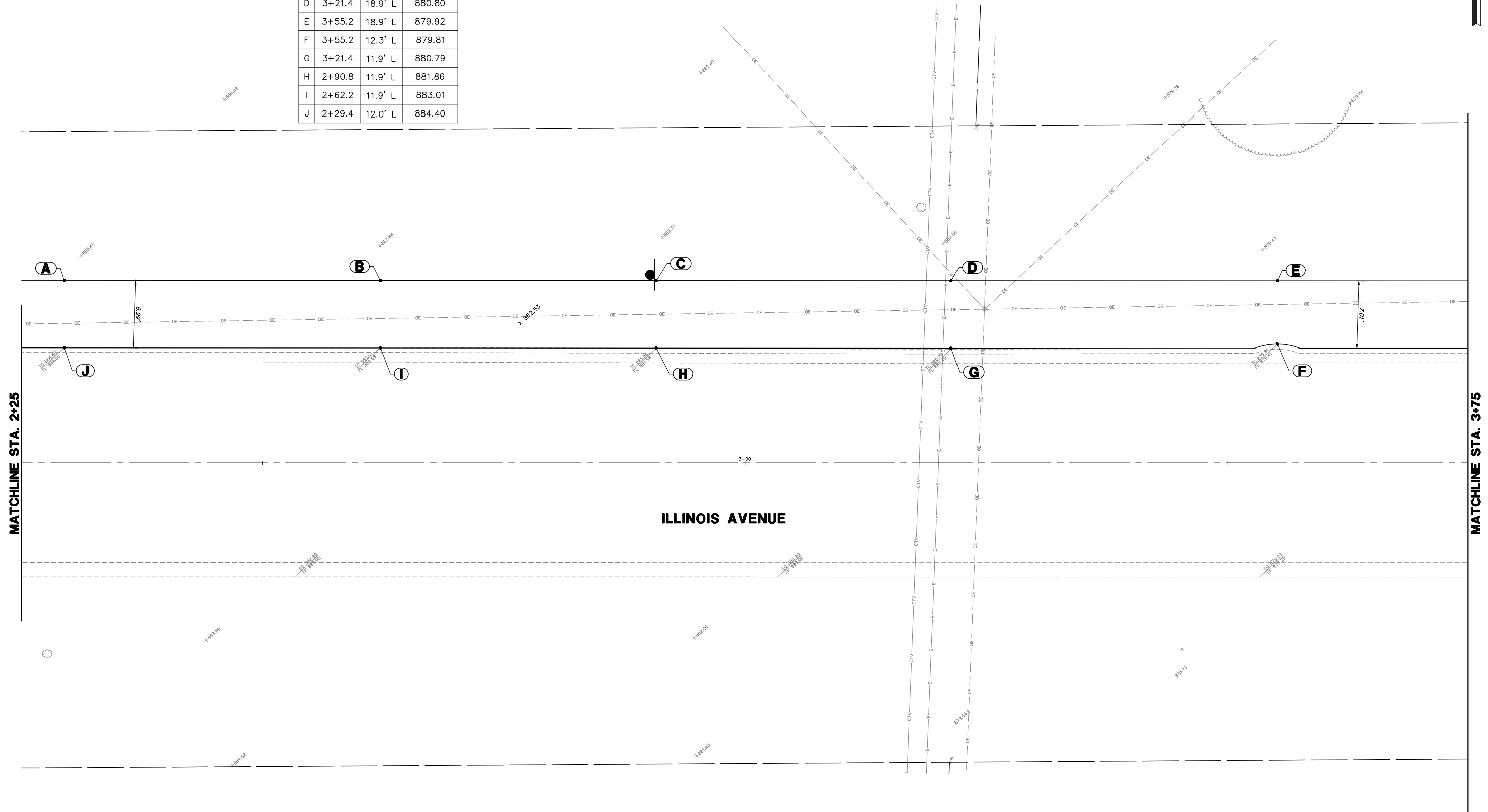
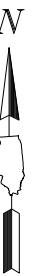
FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	26
CONTRACT #			61E94	
ILLINOIS FED. AID PROJECT				

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	2+29.5	18.9' L	884.52
B	2+62.2	18.9' L	883.12
C	2+90.8	18.9' L	881.87
D	3+21.4	18.9' L	880.80
E	3+55.2	18.9' L	879.92
F	3+55.2	12.3' L	879.81
G	3+21.4	11.9' L	880.79
H	2+90.8	11.9' L	881.86
I	2+62.2	11.9' L	883.01
J	2+29.4	12.0' L	884.40

GRAPHIC SCALE



( IN FEET )  
1 inch = 5 ft.



FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

DESIGNED - DPB

REVISED -

DRAWN - ZCW

REVISED -

PLOT SCALE = 1" = .0833'

CHECKED - DPB

REVISED -

PLOT DATE = 11/20/2018

DATE -

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS - ILLINOIS AVENUE  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=5'

SHEET NO. 2 OF 3 SHEETS

STA. TO STA.

FA RTE

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

12-00090-00-SW

COOK

42

27

CONTRACT # 61E94

ILLINOIS FED. AID PROJECT

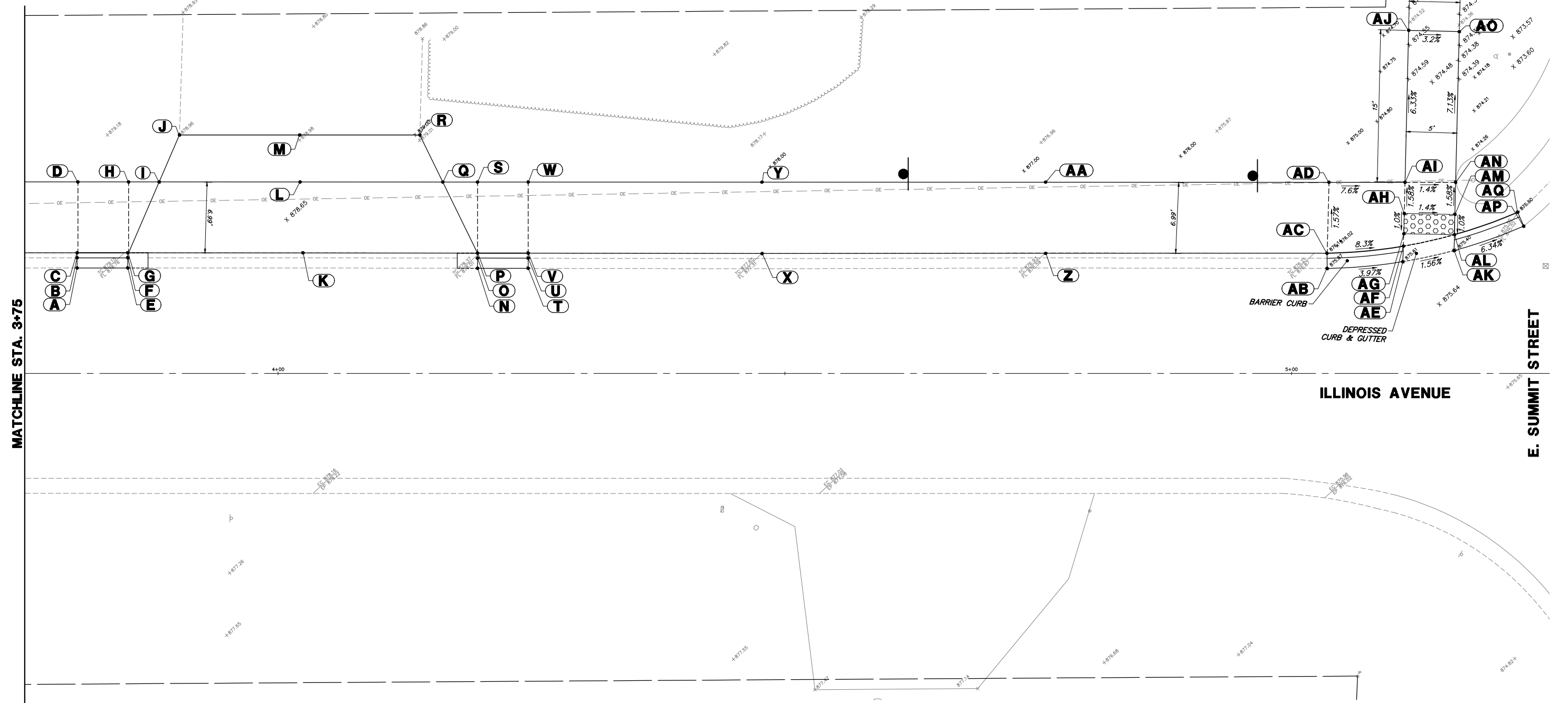
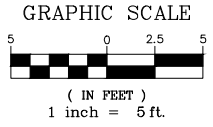
ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
A	3+80.2	10.4' L	878.92
B	3+80.2	11.4' L	878.86
C	3+80.2	11.9' L	879.13
D	3+80.2	18.9' L	879.24
E	3+85.2	10.4' L	878.75
F	3+85.2	11.4' L	878.69
G	3+85.2	11.9' L	878.81
H	3+85.2	18.9' L	878.97
I	3+88.3	18.9' L	878.86

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
J	3+90.3	23.5' L	878.96
K	4+02.5	11.9' L	878.45
L	4+02.2	18.9' L	878.55
M	4+02.1	23.5' L	878.98
N	4+19.7	10.4' L	878.04
O	4+19.7	11.4' L	877.98
P	4+19.7	11.9' L	878.08
Q	4+16.2	18.9' L	878.26
R	4+14	23.5' L	879.01

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
S	4+19.7	18.9' L	878.19
T	4+24.7	10.4' L	877.95
U	4+24.7	11.4' L	877.89
V	4+24.7	11.9' L	878.16
W	4+24.7	18.9' L	878.27
X	4+47.8	11.8' L	877.65
Y	4+47.7	18.9' L	877.76
Z	4+75.7	11.8' L	876.93

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AA	4+75.7	18.9' L	877.04
AB	5+03.5	10.4' L	875.87
AC	5+03.5	11.9' L	876.17
AD	5+03.7	18.9' L	876.06
AE	5+11	11.0' L	875.58
AF	5+11	12.6' L	875.57
AG	5+11.1	13.8' L	875.56
AH	5+11.1	15.8' L	875.54
AI	5+11.2	18.9' L	875.49

ADA GRADING TABLE			
	STATION	OFFSET	ELEVATION
AJ	5+11.6	33.8' L	874.54
AK	5+16	12.1' L	875.50
AL	5+16.1	13.7' L	875.49
AM	5+16.1	15.7' L	875.47
AN	5+16.2	18.8' L	875.42
AO	5+16.6	33.7' L	874.35
AP	5+22.9	14.5' L	875.04
AQ	5+22.3	15.9' L	875.50



MATCHLINE STA. 3+75

E. SUMMIT STREET

ILLINOIS AVENUE

FILE NAME = 4370.122 PR-3.dwg

USER NAME = MARK COBB

DESIGNED - DPB  
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DATE -

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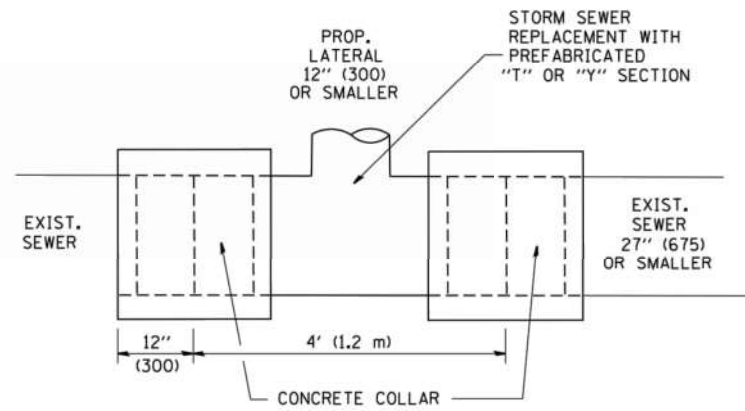
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA SIDEWALK RAMP DETAILS - ILLINOIS AVENUE  
SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=5'    SHEET NO. 3 OF 3 SHEETS    STA.    TO STA.

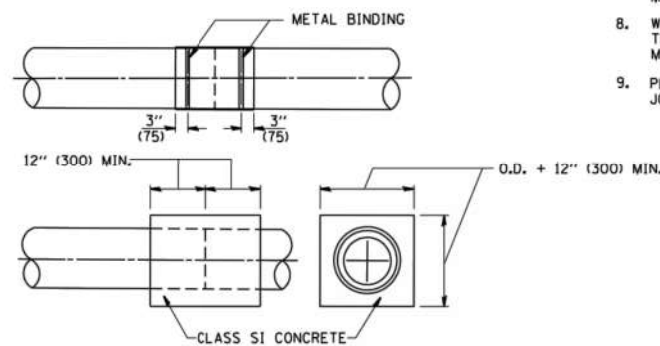
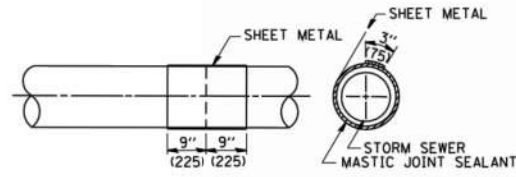
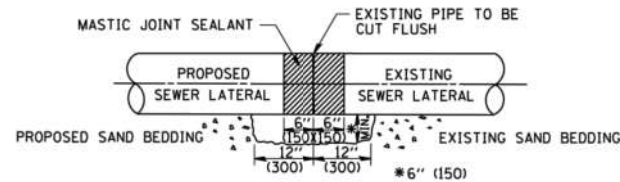
FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	28
CONTRACT #			61E94	

ILLINOIS FED. AID PROJECT



**DETAIL "A"**

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

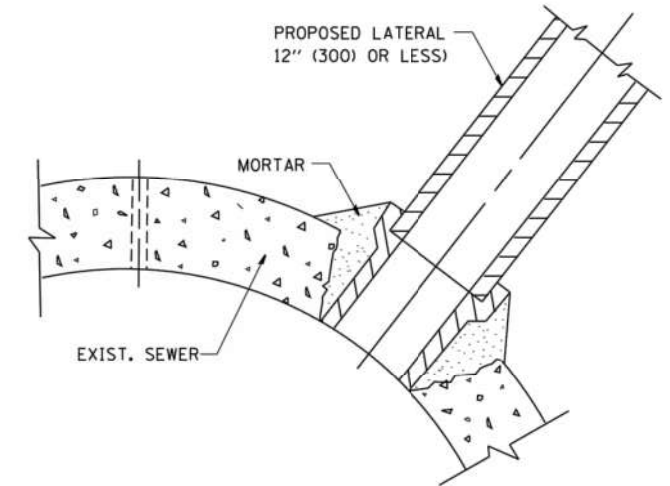


**DETAIL "B"**

CLASS SI CONCRETE COLLAR

**CONSTRUCTION SEQUENCE**

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



**DETAIL "C"**

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

**NOTES**

**MATERIAL**

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

**CONSTRUCTION METHODS**

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 950 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

**GENERAL**

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

**BASIS OF PAYMENT**

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

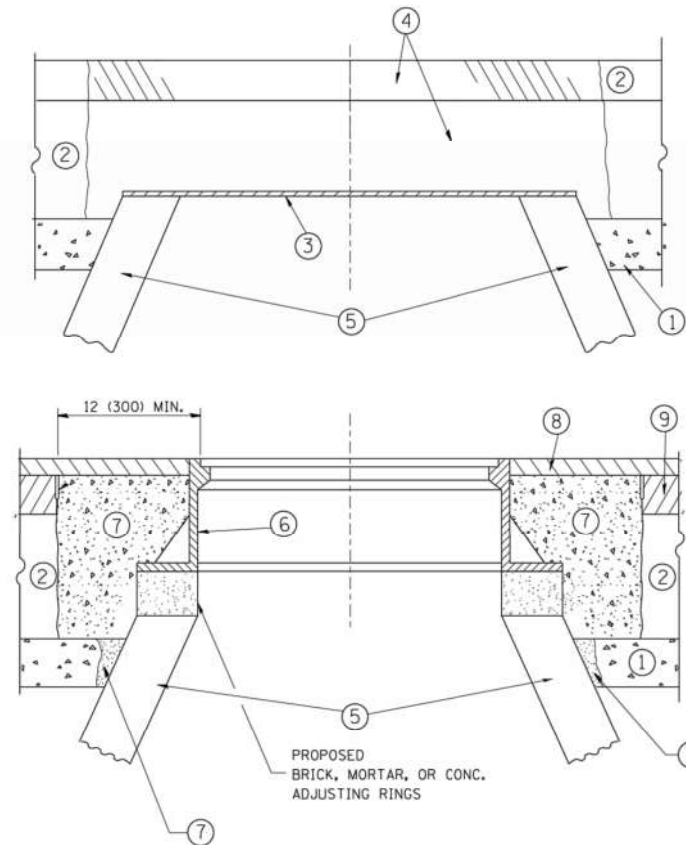
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT SCALE = 58.888' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94
	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	29
<b>BD500-01 (BD-7)</b>		CONTRACT NO. 61E94		
FED. ROAD DIST. NO. 1 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**

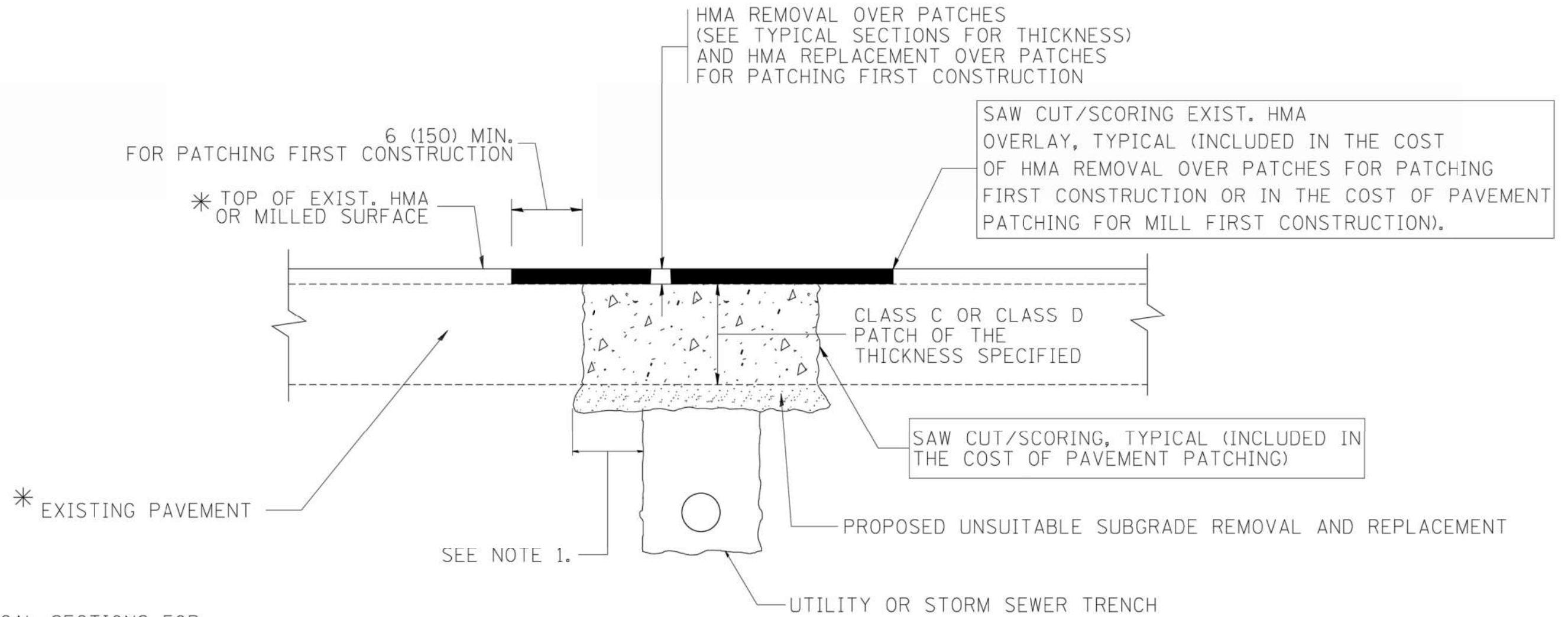
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	30
<b>BD600-03 (BD-8)</b>		CONTRACT NO. 61E94		
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)

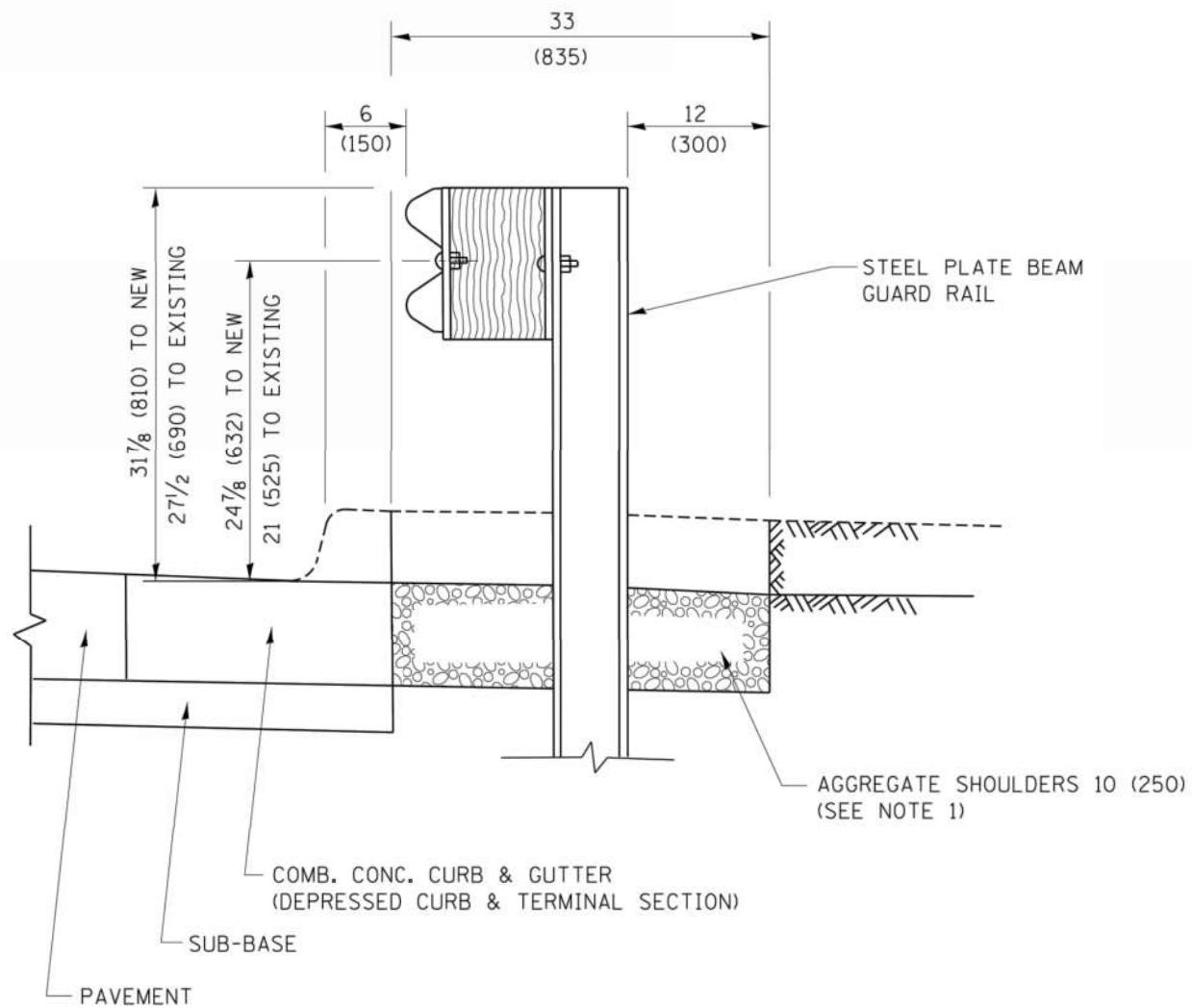
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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.

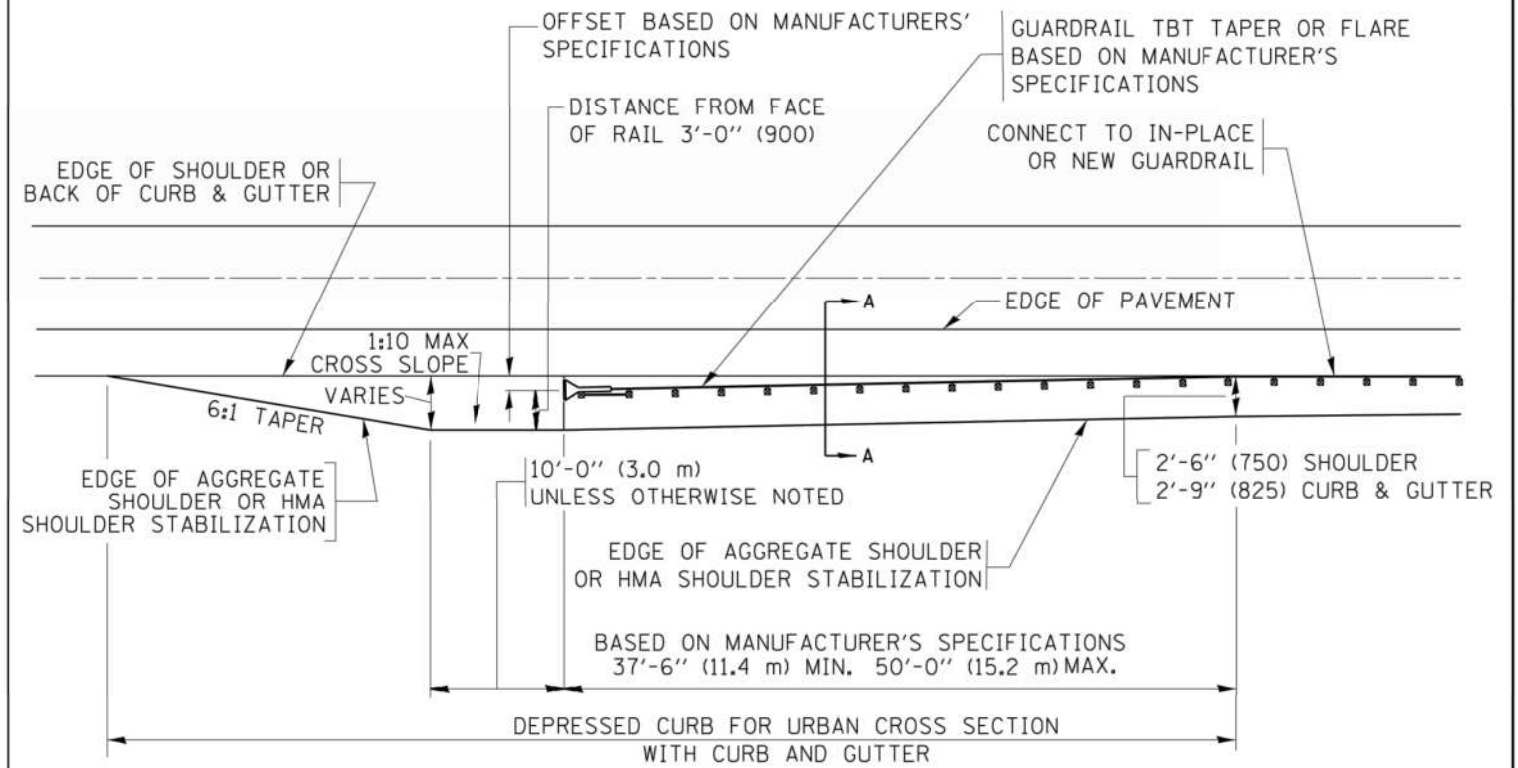
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		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	12-00090-00-SW	COOK	42	31
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		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT							



SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
  2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
  3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM  
GUARD RAIL ADJACENT TO CURB AND GUTTER**  
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



**DEPRESSED CURB AND GUTTER AND  
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL  
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drvakosgn	DESIGNED - M. DE YONG	REVISED - R. BORO 12-08-2008
pw\l\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\Dist		DRAWN\CA00eta\CADsheets\bd34.dgn	REVISED - R. BORO 09-14-2009
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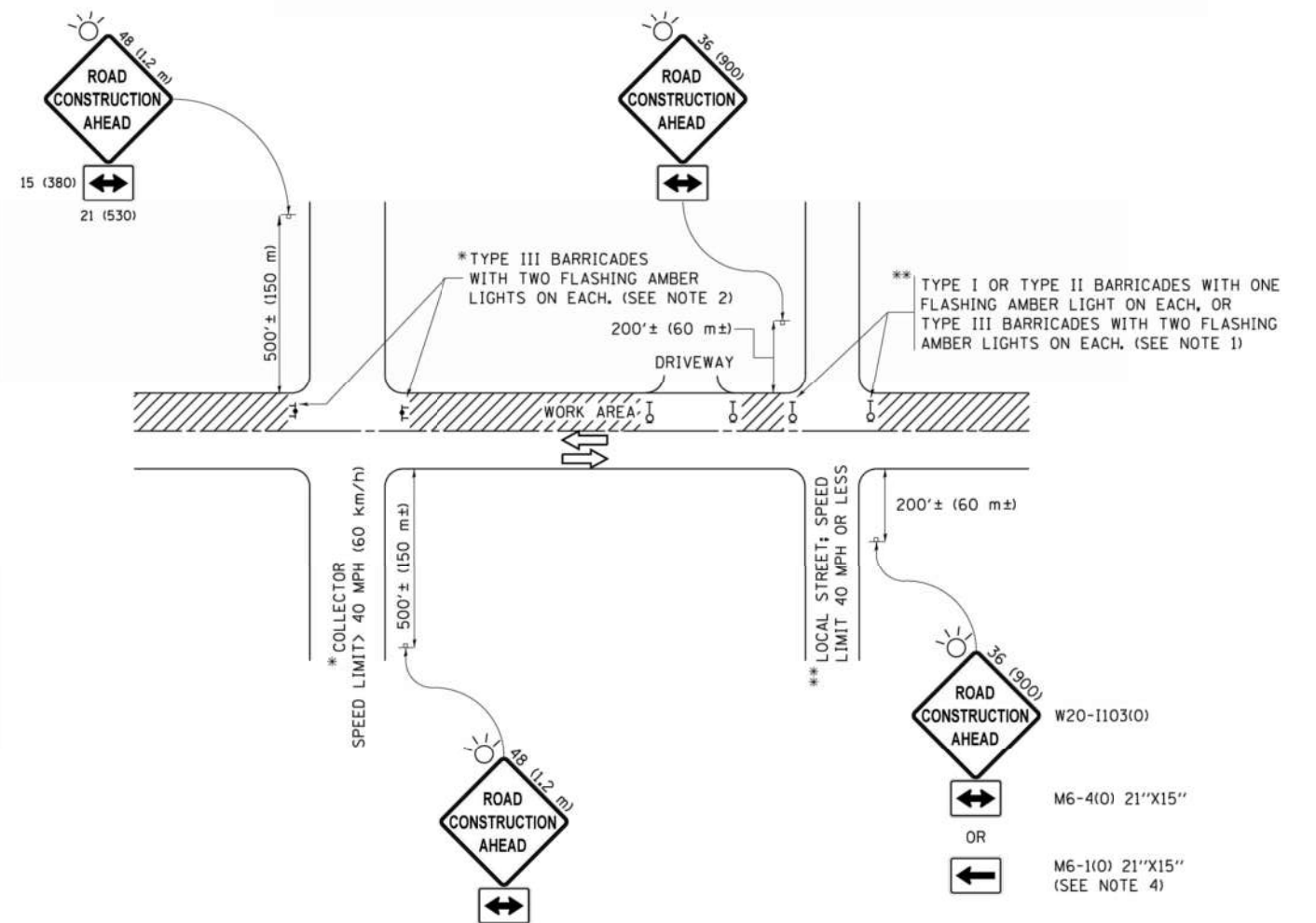
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND  
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	32
<b>BD600-10 (BD 34)</b>		CONTRACT NO. 61E94		
ILLINOIS FED. AID PROJECT				





**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

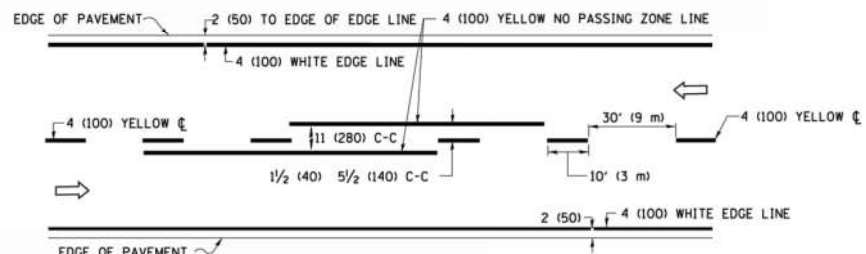
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

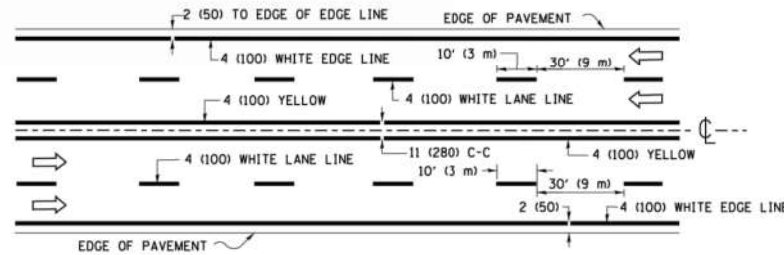
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

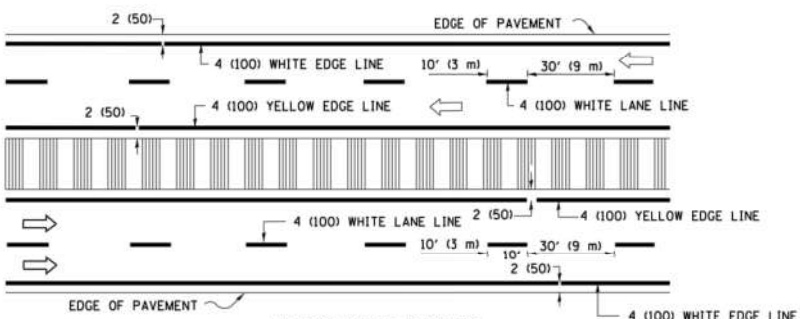
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	12-00090-00-SW	COOK	42	33
TC-10			CONTRACT NO. 61E94	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

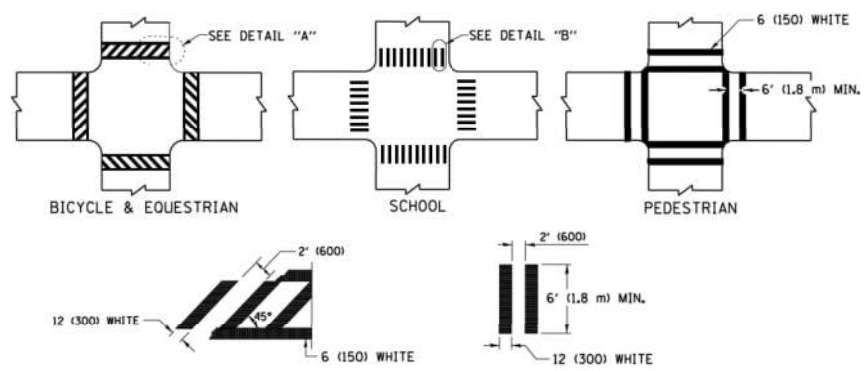


**MULTI-LANE UNDIVIDED**



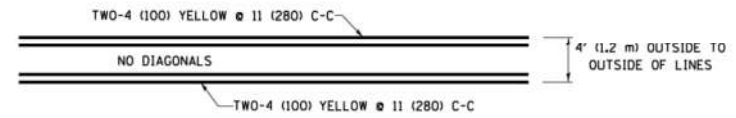
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

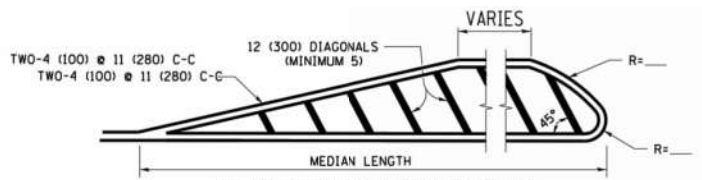


**DETAIL "A" TYPICAL CROSSWALK MARKING**

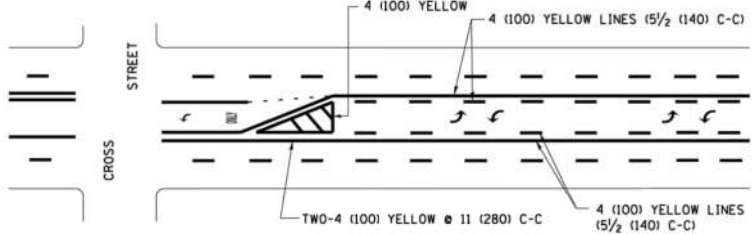
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



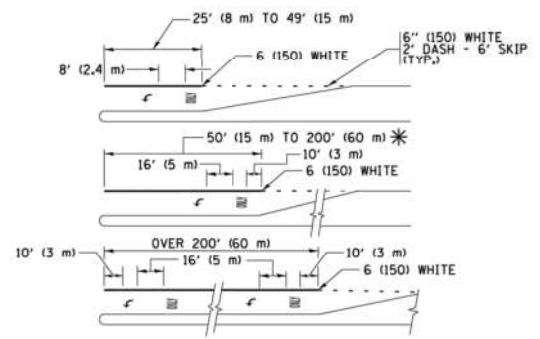
**4' (1.2 m) WIDE MEDIANS ONLY**



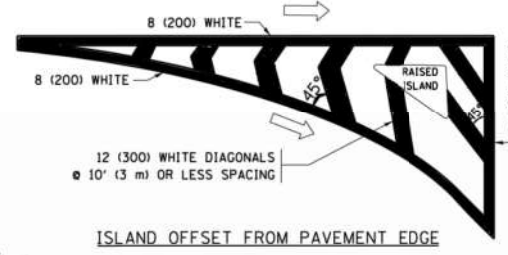
**MEDIANS OVER 4' (1.2 m) WIDE**



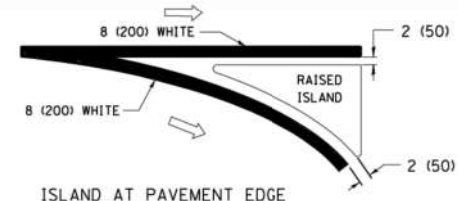
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



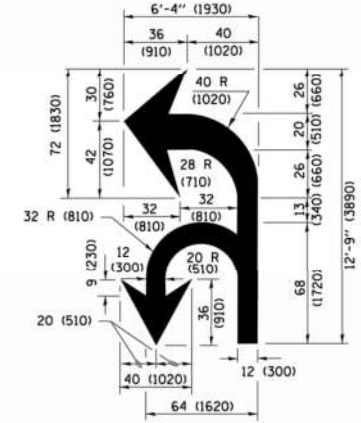
**TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING**



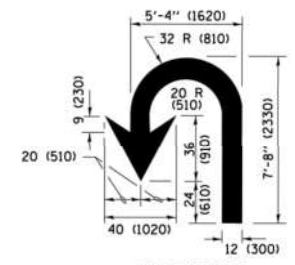
**ISLAND OFFSET FROM PAVEMENT EDGE**



**ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

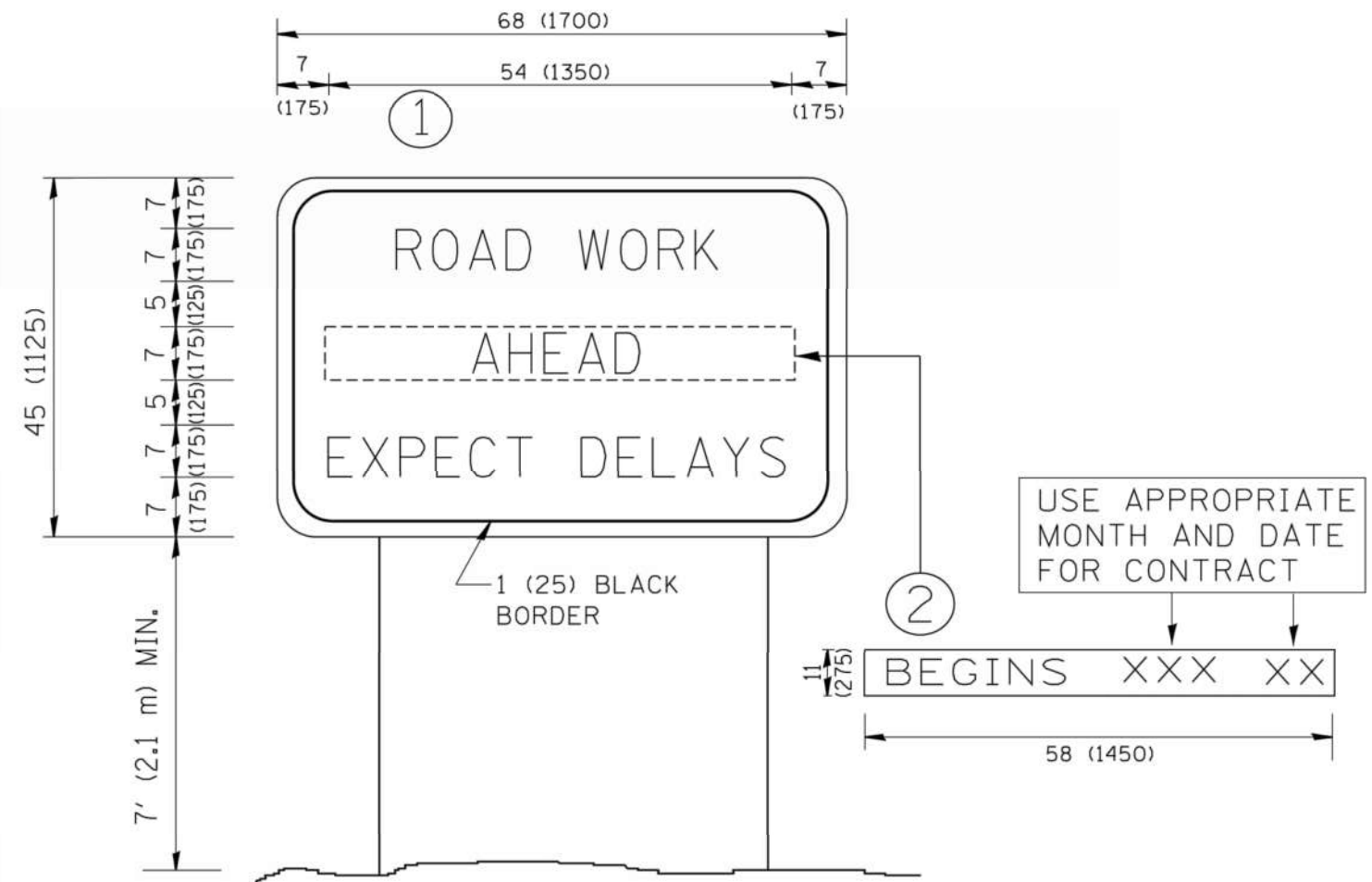
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		DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	34
	TC-13	CONTRACT NO. 61E94		
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.

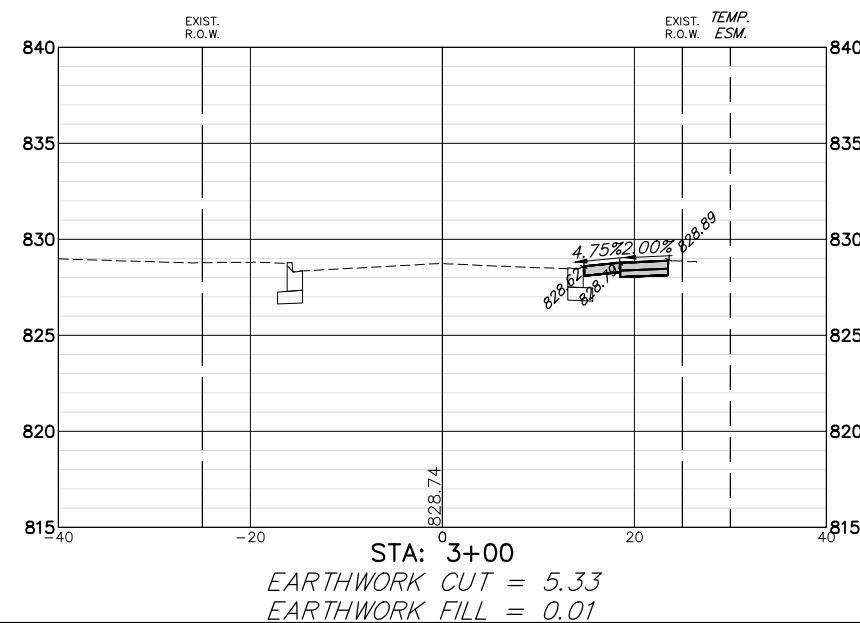
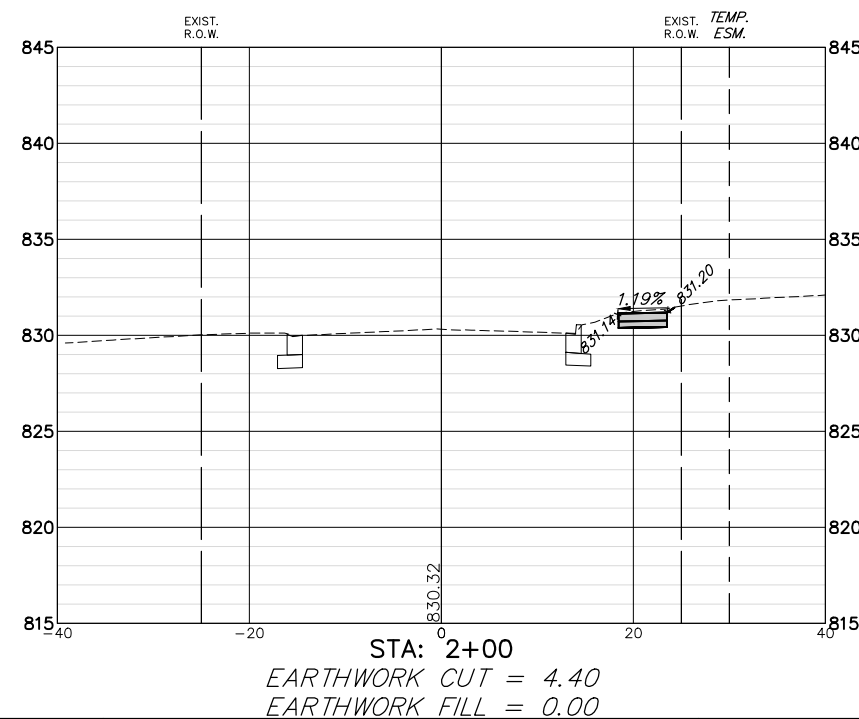
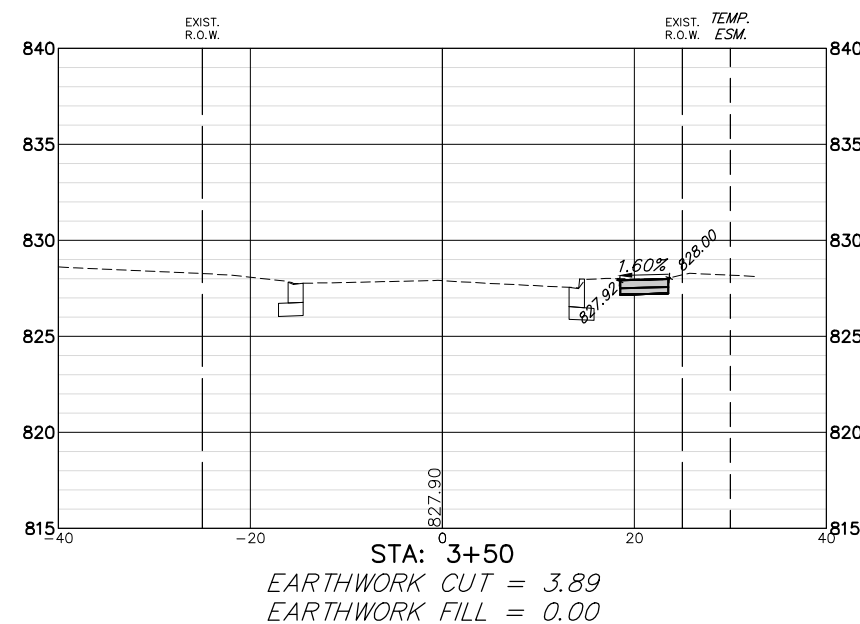
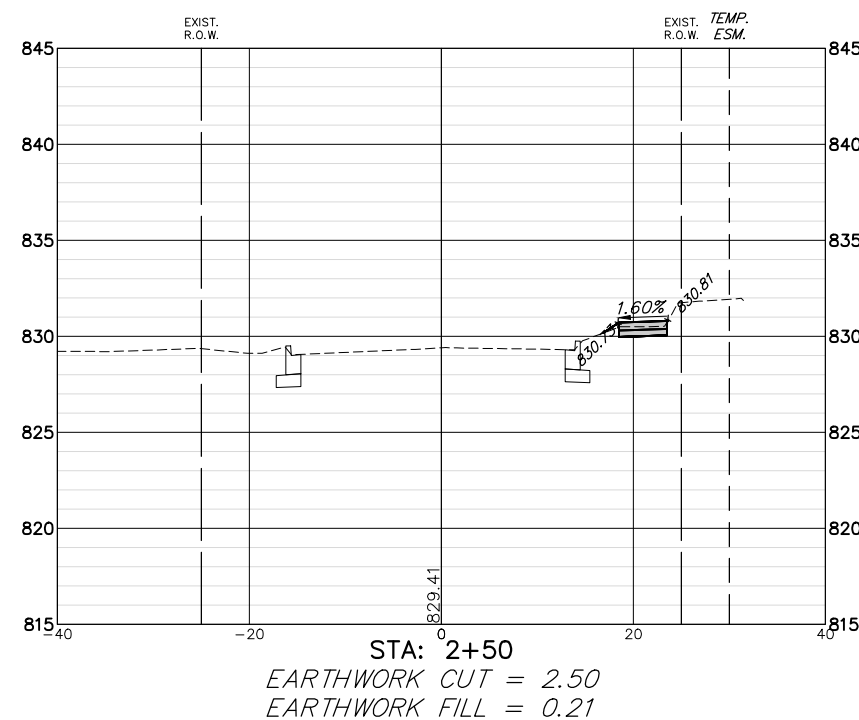
FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = geglennobt	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97 REVISED - R. MIRS 12-11-97
	PLOT SCALE = 58.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

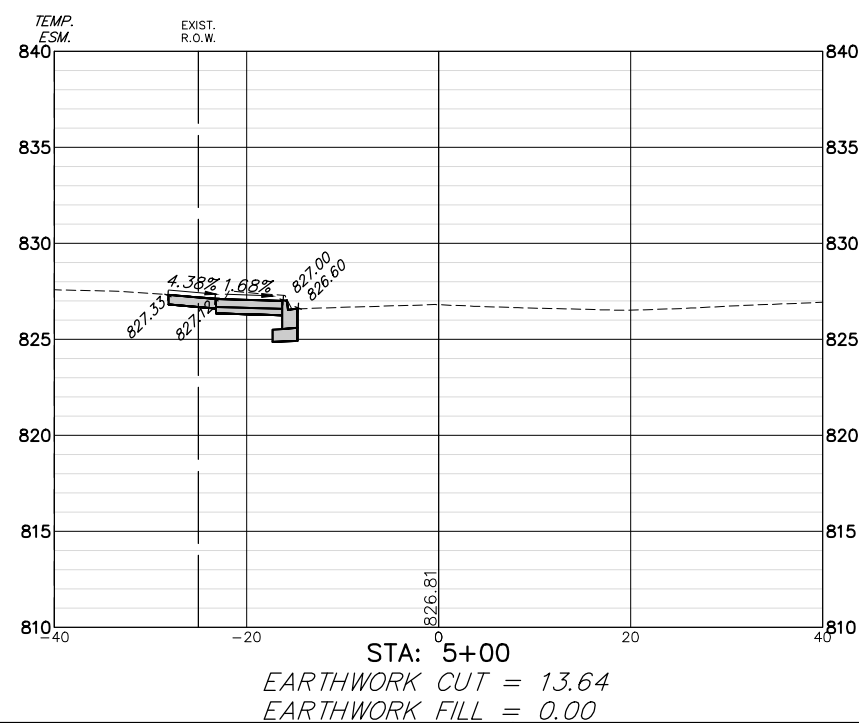
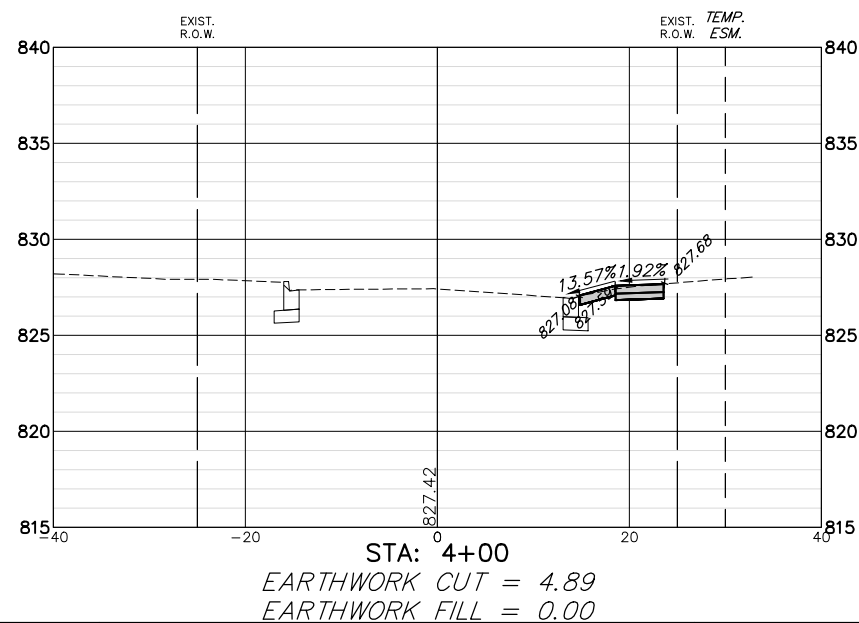
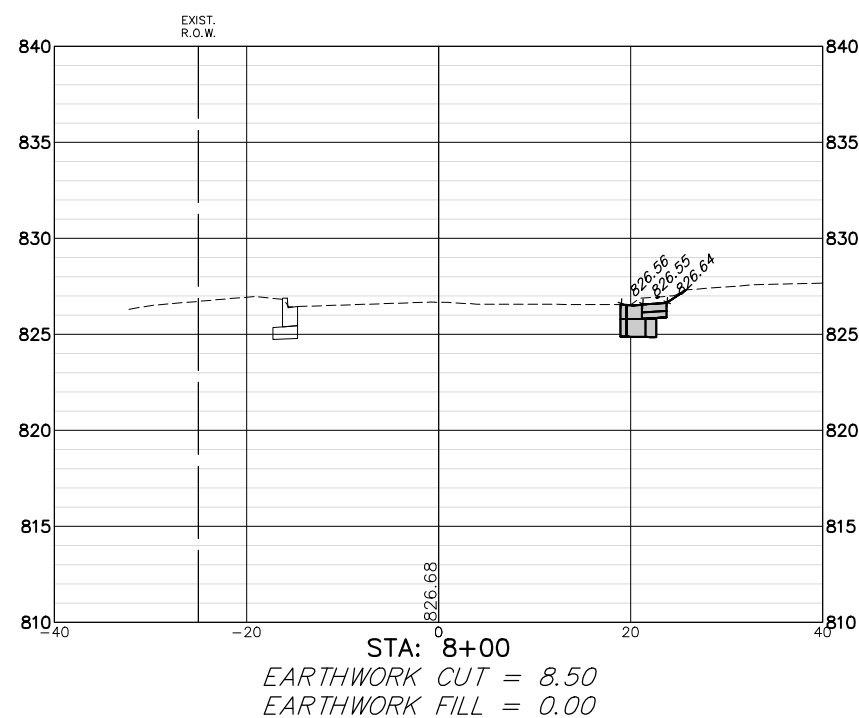
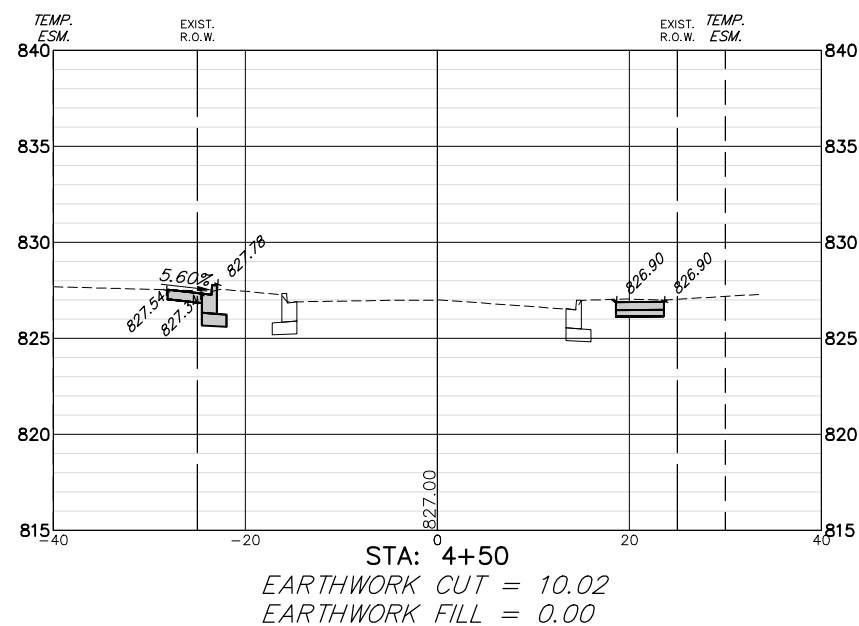
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

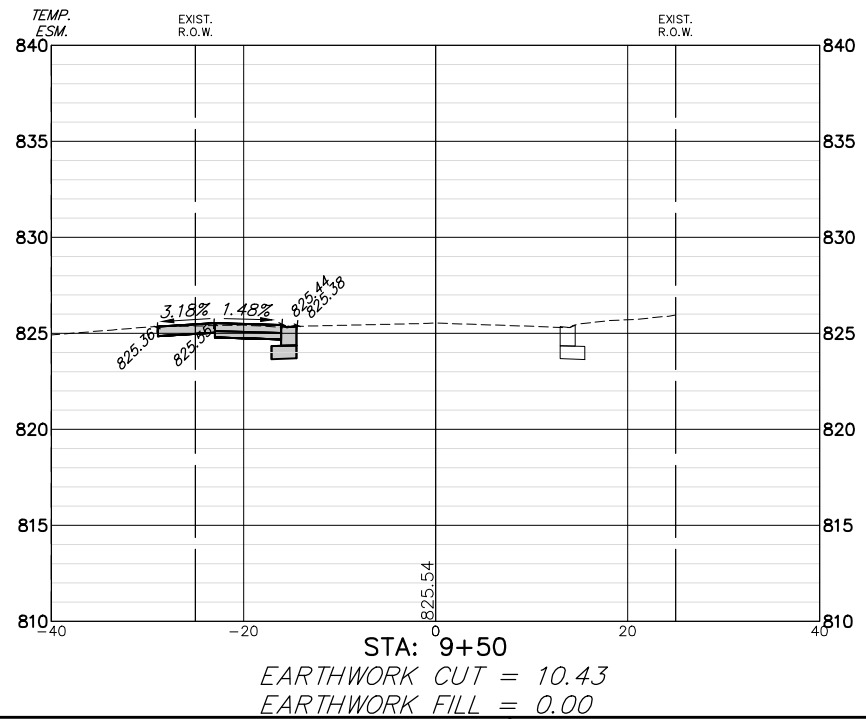
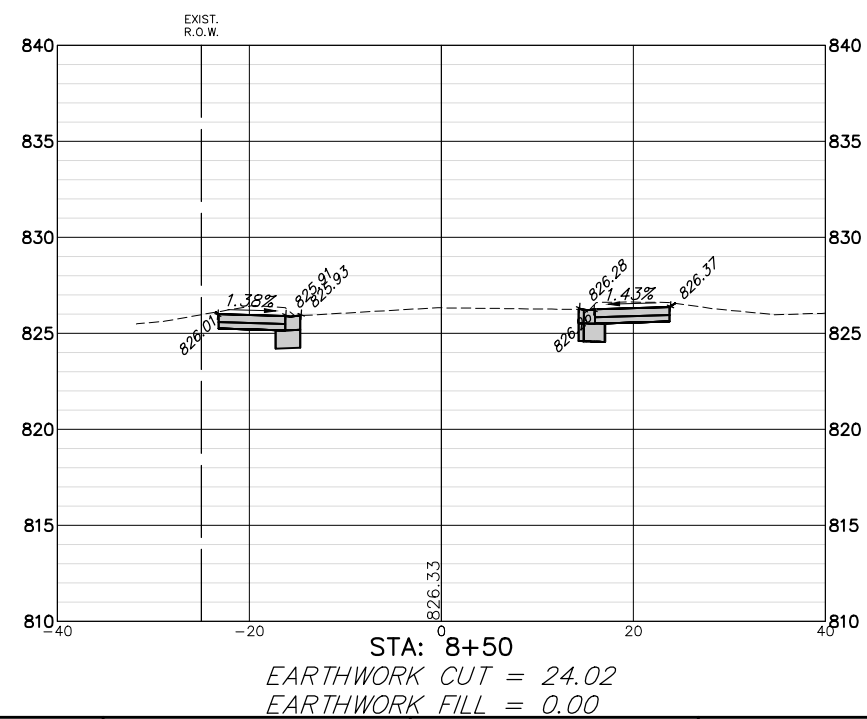
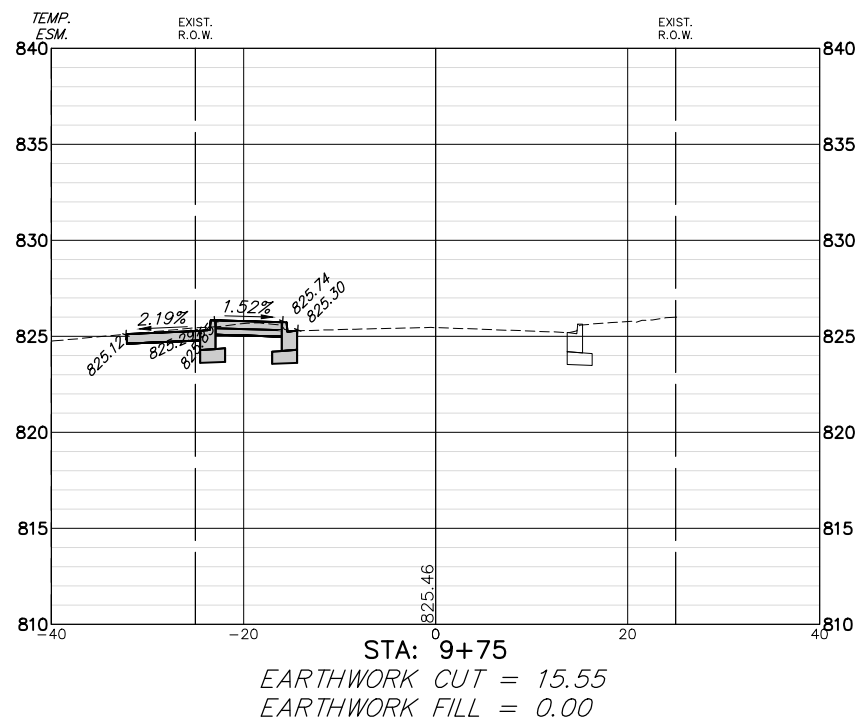
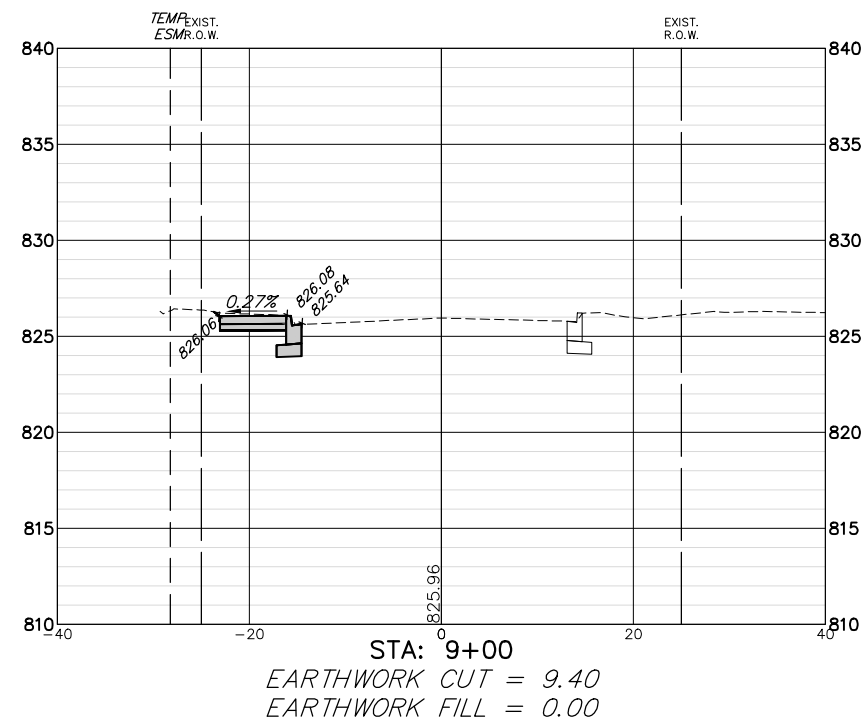
**ARTERIAL ROAD  
INFORMATION SIGN**

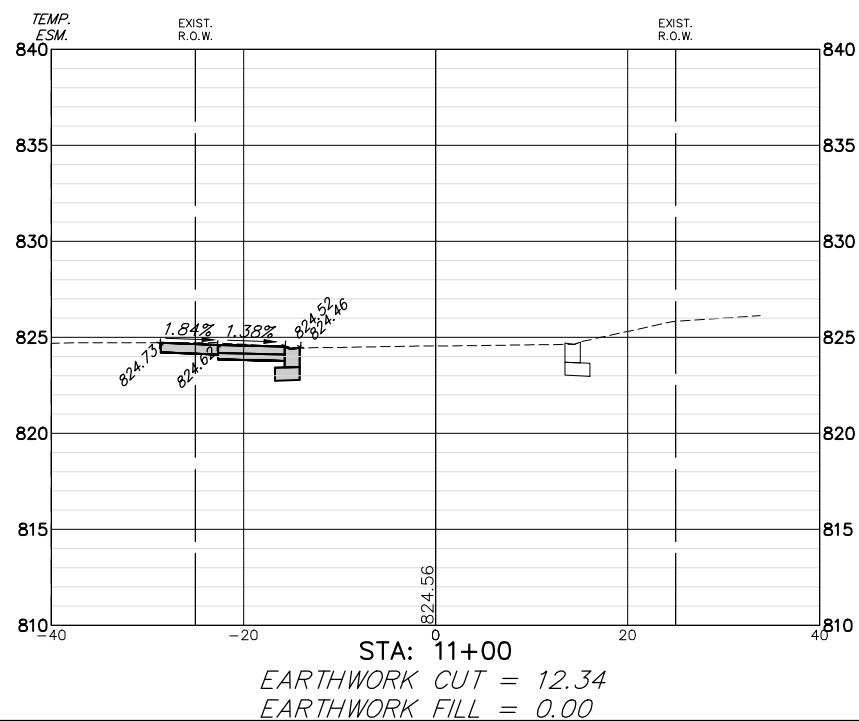
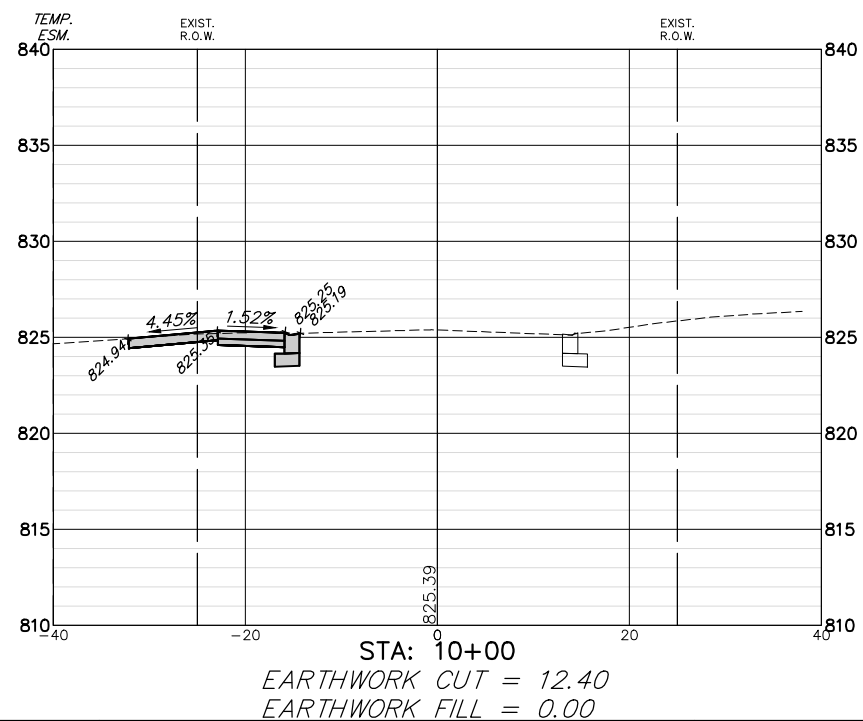
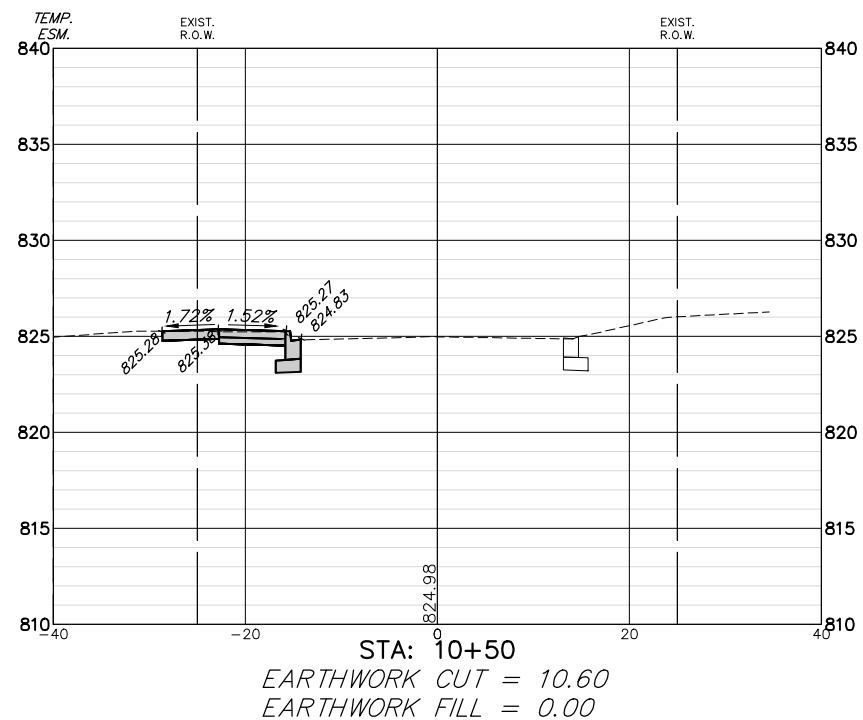
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

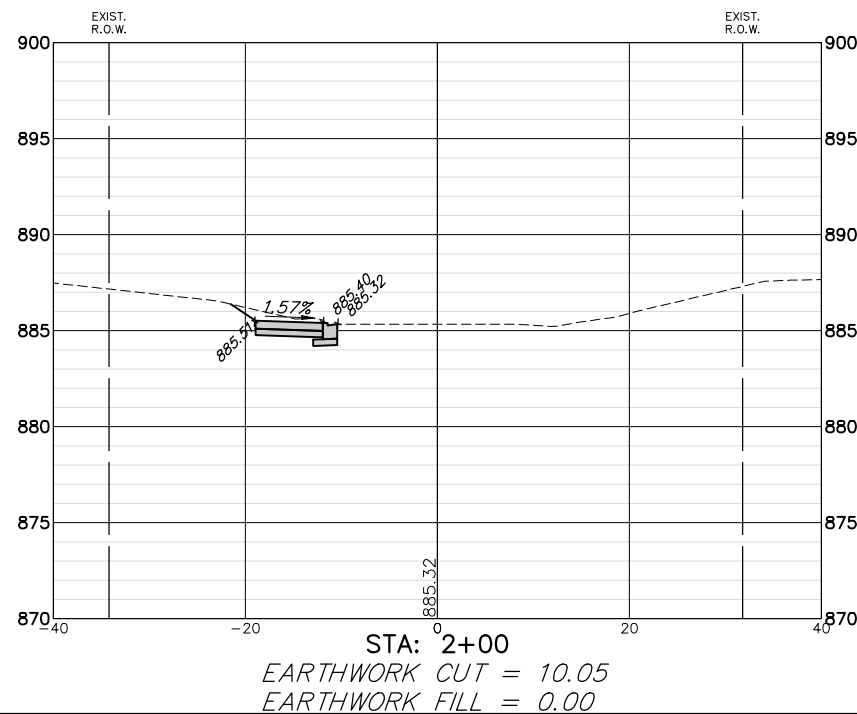
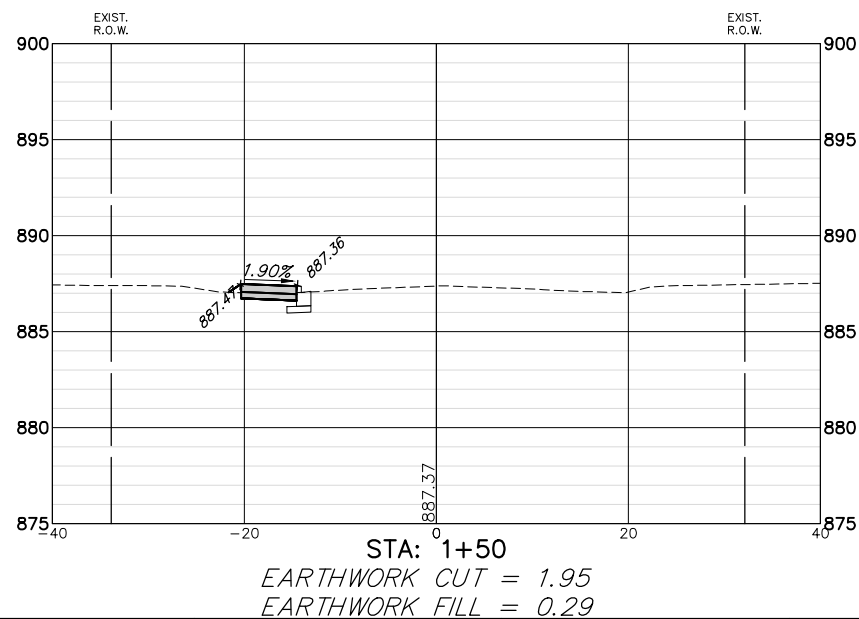
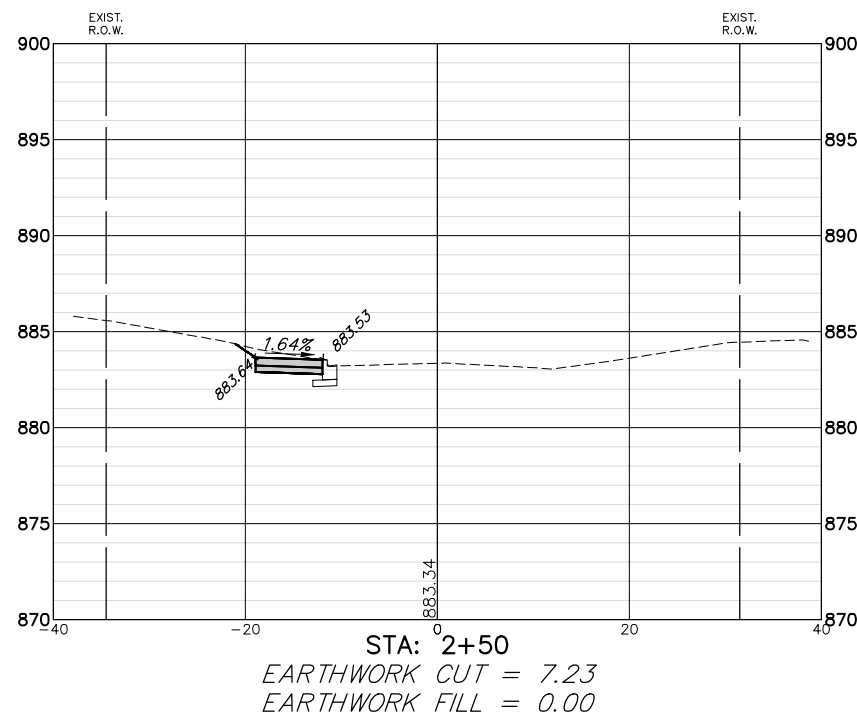
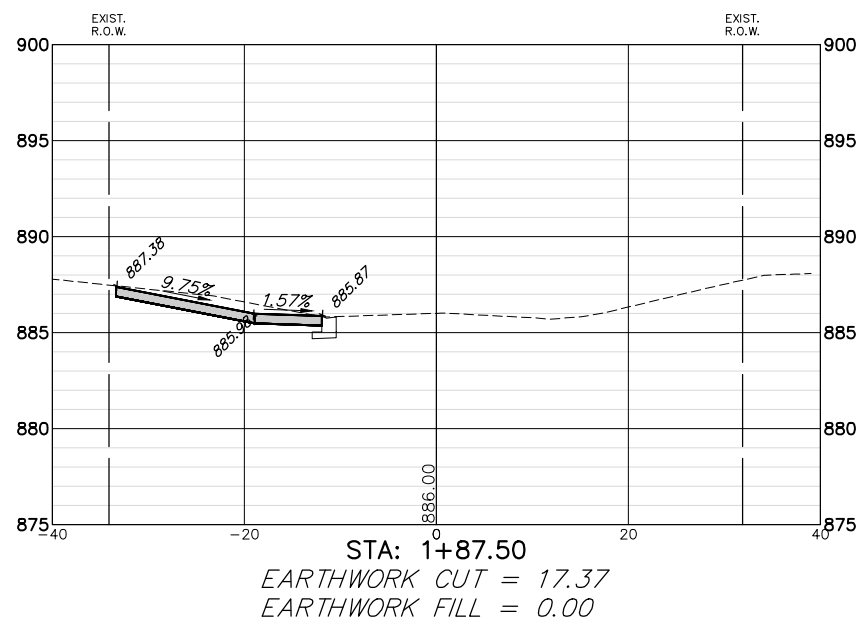
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	35
TC-22			CONTRACT NO. 61E94	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



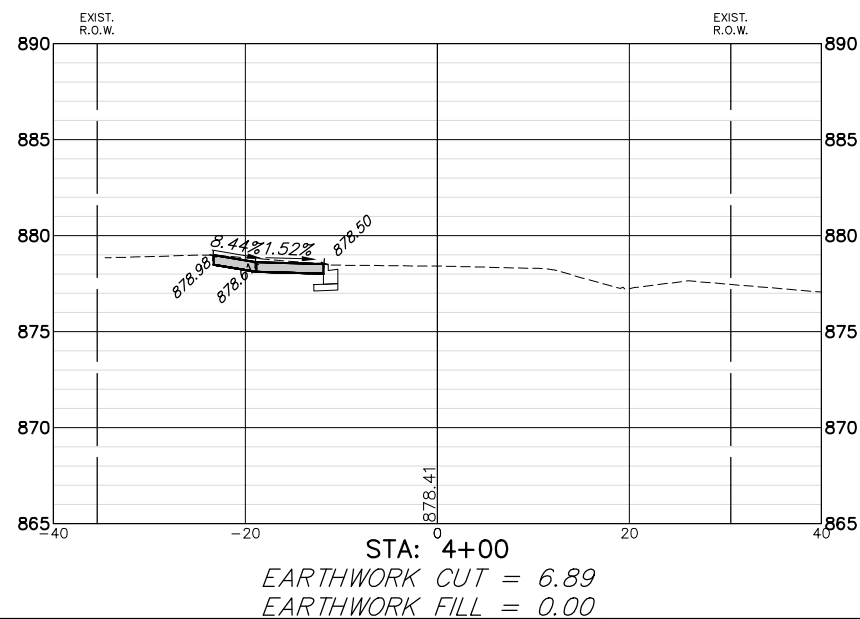
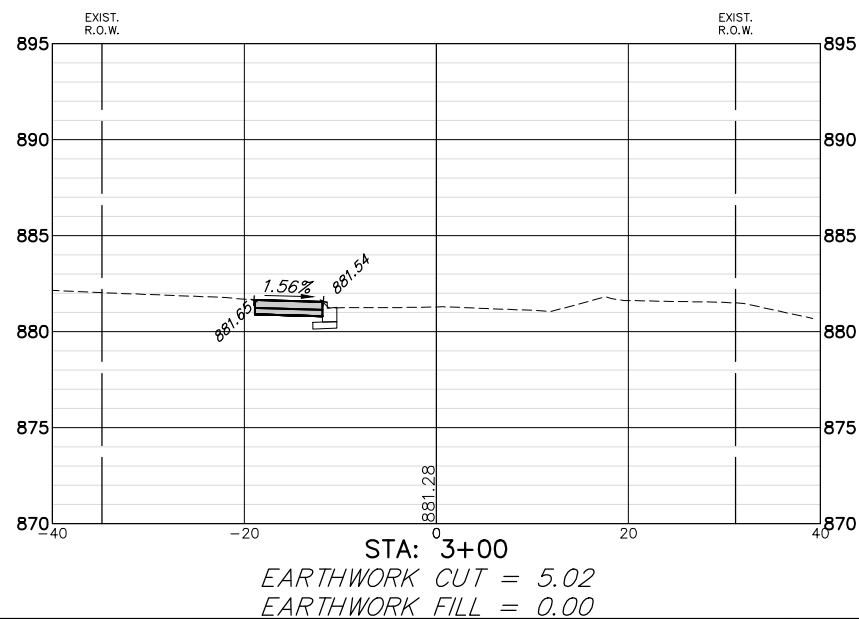
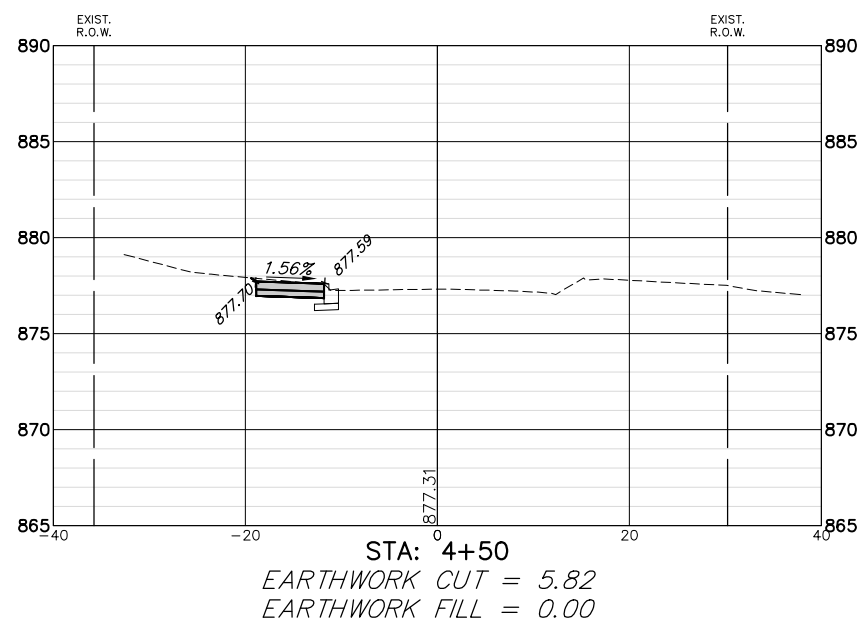
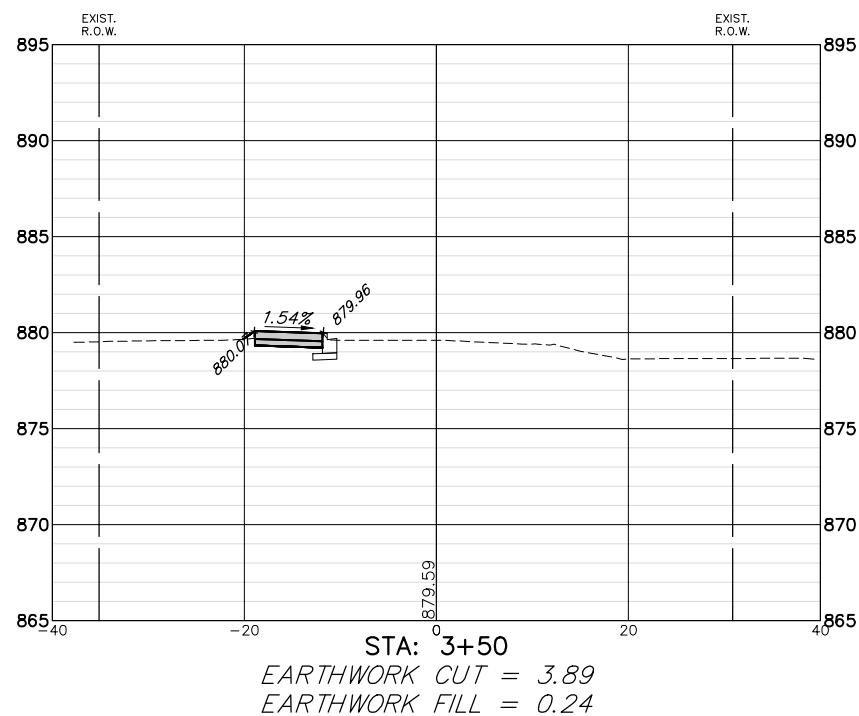


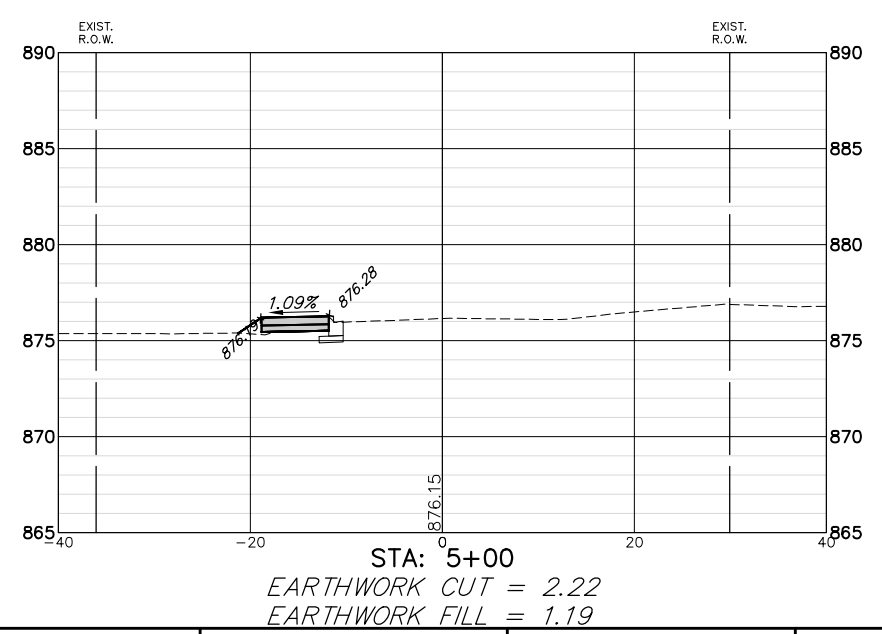
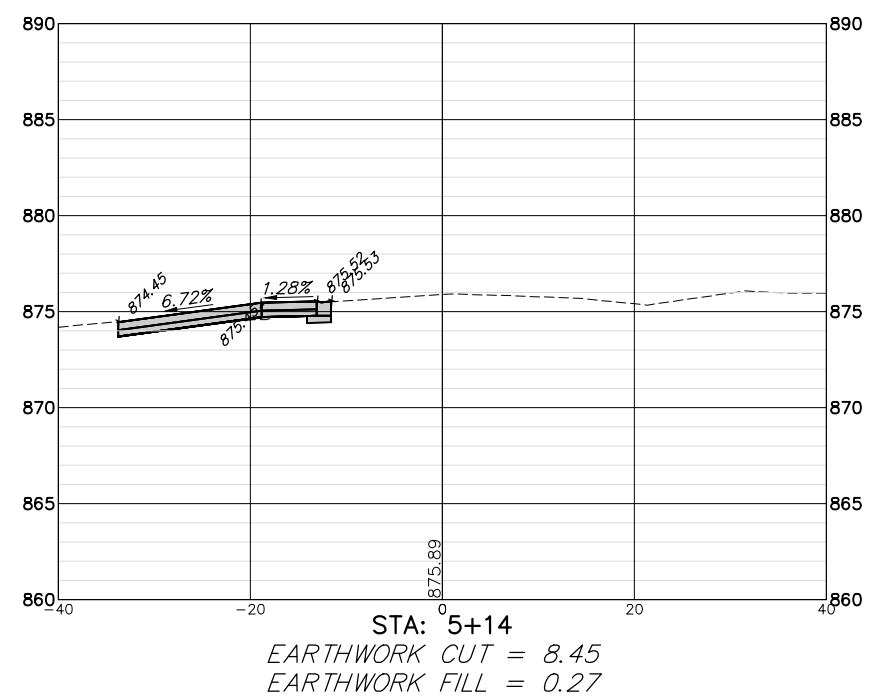
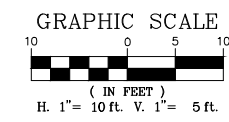












**GEWALT HAMILTON ASSOCIATES, INC.**  
 625 Forest Edge Drive  
 Vernon Hills, IL 60061  
 TEL: (847) 482-2000  
 FAX: (847) 482-2000

FILE NAME = 4370.122 PR-3.dwg	USER NAME = MARK COBB	DESIGNED - DPB	REVISED -
		DRAWN - ZCW	REVISED -
	PLOT SCALE = 1" = .0833'	CHECKED - DPB	REVISED -
	PLOT DATE = 11/20/2018	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - ILLINOIS AVENUE**  
**SAFE ROUTES TO SCHOOLS - VILLAGE OF BARRINGTON, ILLINOIS**

SCALE 1"=20'    SHEET NO. 3 OF 3 SHEETS    STA. 5+00    TO STA. 5+14

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00090-00-SW	COOK	42	42
CONTRACT #:			61E94	
ILLINOIS FED. AID PROJECT				