

FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	11-00076-00-SW	LAKE	21	1
		CONTRACT #: 61E81		
ILLINOIS FED. AID PROJECT				



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Approved: *[Signature]*  
3/1/2018  
Village of Lake Zurich, Director of Public Works

Approved: *[Signature]*  
3/2/18  
Lake Zurich Community Unit School District 95

Passed: *[Signature]*  
March 21, 2018  
District One Engineer of Local Roads & Streets

Releasing for Bid  
Based on Limited Review  
*[Signature]*  
ANTHONY I. QUIGLEY  
Regional Engineer

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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

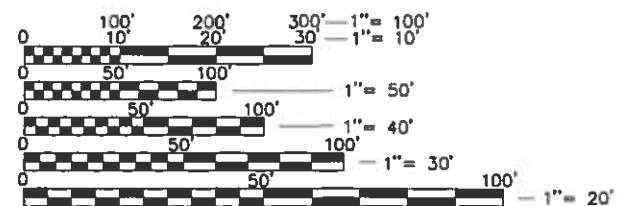
# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY

ISAAC FOX SCHOOL  
SIDEWALK AND SOLAR POWERED BEACONS  
SECTION: 11-00076-00-SW  
PROJECT: SHL4(269)  
VILLAGE OF LAKE ZURICH  
LAKE COUNTY  
C-40-001-12

## TRAFFIC DATA

ROAD NAME: CUBA ROAD  
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL  
POSTED SPEED LIMIT: CUBA ROAD - 35 MPH  
DESIGN SPEED: CUBA ROAD - 35 MPH  
2015 ADT = 7,000

ROAD NAME: DEERPATH ROAD  
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR  
POSTED SPEED LIMIT: DEERPATH ROAD - 25 MPH  
DESIGN SPEED: DEERPATH ROAD - 25 MPH  
2015 ADT = 1,900



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. 10+00

CUBA ROAD  
PEDESTRIAN CROSSING  
BEGIN IMPROVEMENTS  
STA. 20+00

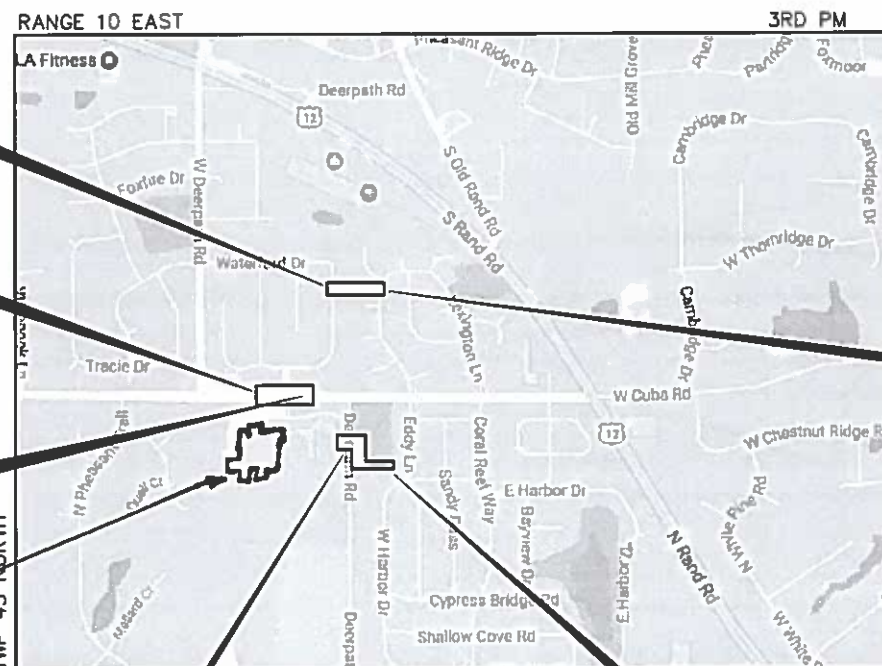
CUBA ROAD  
PEDESTRIAN CROSSING  
END IMPROVEMENTS  
STA. 25+22.92

ISAAC FOX  
SCHOOL

BEGIN IMPROVEMENTS  
STA. 1+00

LOCATION MAP  
(Not to Scale)

END IMPROVEMENTS  
STA. 6+56.18



DEERPATH ROAD  
GROSS LENGTH = 556.18 FEET = (0.1053 MILES)  
NORTH SIDEWALK  
GROSS LENGTH = 275 FEET = (0.0521 MILES)  
NET LENGTH = 831.18 FEET = (0.1574 MILES)

BRIAN J. WESOLOWSKY  
062-066656  
LICENSED  
PROFESSIONAL  
ENGINEER  
SIGNED: *[Signature]*  
DATE: 3-1-18  
EXP. 11/30/2019

GEWALT HAMILTON  
ASSOCIATES, INC.  
625 Forest Edge Drive • Vernon Hills, IL 60061  
TEL 847.478.9700 • FAX 847.478.9701  
GHA JOB #: 4558.000

CONTRACT NO. 61E81

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- 5DEERPATH ROAD PEDESTRIAN CROSSING – GEOMETRIC PLAN
- 6DEERPATH ROAD PEDESTRIAN CROSSING – GRADING PLAN
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SOURCE BENCHMARK:

LAKE COUNTY BENCHMARK NO. 6–23  
A CUT 'X' ON THE NORTHEAST BOLT OF THE FIRE  
HYDRANT AT THE NORTHEAST CORNER OF WEST  
LEXINGTON LANE AND CUBA ROAD.  
ELEVATION: 870.11  
DATUM: NGVD 29

Point Table				
Point #	Northing	Eastng	Elevation	Description
1	2006139.51	1051032.74	874.76	CP1–SXTC
2	2005757.50	1051059.51	876.52	CP2–SIR
3	2005771.71	1050891.41	869.45	CP3–SMN
4	2007900.58	1052150.41	871.24	CP4–XSW
5	2007895.91	1051630.83	872.50	CP5–XSW
6	2006684.16	1052234.66	871.72	CP6–XTC
7	2006730.72	1051621.90	880.16	CP7–MN
8	2006334.88	1052397.20	867.38	CP8–XSW
15	2006624.05	1051762.44	879.18	CP15–XTC
16	2006509.76	1051269.90	875.05	CP16–XTC
12567	2006748.61	1052891.50	870.24	TBM
20	2006334.79	1052391.59	869.21	CP20–XSW

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. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
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. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
7. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
8. IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON–COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED BY THE CONTRACTOR.
9. 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.

HOT–MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
DEERPATH ROAD RESURFACING	
HOT–MIX ASPHALT SURFACE COURSE, MIX 'D', N50 (IL 9.5 mm), VARIES	4% @ 50 GYR
INCIDENTAL HOT–MIX–ASPHALT SURFACING	
HOT–MIX ASPHALT SURFACE COURSE, MIX 'D', N50 (IL 9.5 mm), VARIES	4% @ 50 GYR

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN

THE "AC TYPE" FOR NON–POLYMERIZED HMA SHALL BE "PG 64–22" UNLESS OTHERWISE MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

PROJECT SPECIFIC NOTES

1. THE CONTRACTOR SHALL PROVIDE AS–BUILT DRAWINGS THAT INCLUDE; CRITICAL SPOT GRADES SUCH AS OVERFLOW ELEVATIONS, SPOT ELEVATIONS NEAR ENTRANCES, SPOT ELEVATIONS ALONG THE DESIGNATED ADA ROUTE, SUFFICIENT INFORMATION SUCH THAT THE ENGINEER MAY VERIFY DETENTION VOLUMES, RIM AND INVERT ELEVATIONS OF ALL SEWERS, RIM AND TOP OF PIPE ELEVATIONS OF ALL WATER MAIN, LOCATIONS OF ALL INSTALLED UNDERGROUND UTILITIES, LOCATIONS OF ALL BURIED BENDS AND FITTINGS AND ALL FIELD CHANGES FROM THE APPROVED DRAWINGS.
2. CONTRACTOR SHALL NOTIFY THE VILLAGE OF LAKE ZURICH (847–540–1694) AND THE PROJECT ENGINEER (847–478–9700) AT LEAST 72 HOURS PRIOR TO BEGINNING ANY WORK ON THIS PROJECT.
3. ALL ELEVATIONS ARE ON NAVD 29 VERTICAL DATUM.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL TO ADEQUATELY INFORM AND PROTECT THE PUBLIC OF ALL CONSTRUCTION OPERATIONS.
5. STOCKPILING MATERIAL WITHIN THE 100 YEAR FLOOD PLAIN AND OR THE FLOODWAY IS STRICTLY PROHIBITED
6. ALL CONNECTIONS TO EXISTING STORM MANHOLES SHALL BE INSTALLED WITH A NEOPRENE BOOT SECURED WITH DOUBLE STAINLESS STEEL STRAPS MEETING THE REQUIREMENTS OF ASTM C–923.
7. ALL CONCRETE SHALL HAVE A LIGHT BROOM FINISH APPLIED WITHIN 1 HOUR OF FINAL STRIKING.
8. ALL CONCRETE SHALL HAVE A WHITE, IDOT TYPE 3 CURING COMPOUND APPLIED TO THE SURFACE WITHIN 1 HOUR OF FINAL STRIKING AT THE MANUFACTURER RECOMMENDED APPLICATION RATE.
9. 3/4" THICK PRE–MOLDED FIBER EXPANSION JOINTS WITH 2 , 3/4" x 18" PLAIN ROUND, STEEL DOWEL BARS SHALL BE INSTALLED IN ALL CURBS AT (45') FORTY FIVE FOOT INTERVALS AND AT ALL P.C.'S, P.T.'S AND CURB RETURNS. ALTERNATE ENDS OF THE DOWEL BARS SHALL BE GREASED AND FITTED WITH METAL EXPANSION TUBES. ALL EXPANSION JOINTS MUST BE FREE OF CONCRETE FOR FULL DEPTH. CONTRACTION JOINTS SHALL BE TOOLED AT 15' INTERVALS. DOWEL BARS WILL BE PAID FOR WITH THE "REINFORCEMENT BARS, EPOXY COATED" PAY ITEM.
10. UNLESS OTHERWISE NOTED ON THE PLANS WHENEVER NEW CONCRETE ABUTS EXISTING/ OR NEW CONCRETE SET A 1/2" THICK PRE–MOLDED FIBER EXPANSION JOINT AND DOWEL WITH SMOOTH 12" #4 BARS @ 24" O.C. THIS INCLUDES CONCRETE POURED ADJACENT TO EXISTING SIDEWALKS, CURBS AND BUILDING. THE DOWEL BARS SHOULD BE 4" INTO EXISTING CONCRETE WITH 8" EXTENDING INTO NEW CONCRETE. DOWEL BARS WILL BE PAID FOR WITH THE "REINFORCEMENT BARS, EPOXY COATED" PAY ITEM.
11. ALL DOWEL BARS AND TIE BARS SHALL BE EPOXY COATED UNLESS NOTED OTHERWISE.

DISTRICT ONE DETAILS

- TC–10TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS INTERSECTIONS AND DRIVEWAYS
- TC–13DISTRICT ONE TYPICAL PAVEMENT MARKINGS

HIGHWAY STANDARDS

- 000001–06STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001–10PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 701001–02OFF–RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006–05OFF–RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301–04LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311–03LANE CLOSURE, 2L, 2W, MOVING OPERATIONS–DAY ONLY
- 701501–06URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701–10URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801–06SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901–07TRAFFIC CONTROL DEVICES

FILE NAME = 4668–000–PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED - 4/3/18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES AND HIGHWAY STANDARDS		FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PCL	REVISED -				-	11–00076–00–SW	LAKE	21	2
	PLOT SCALE = 1" = .1667"	CHECKED - BJW	REVISED -				CONTRACT #:				61E81
	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -				SCALE	N.T.S.	SHEET NO. 2 OF 21 SHEETS	STA. -	TO STA. -
							ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES					CONSTRUCTION CODE
	CODENO.	ITEM	UNIT	TOTAL QUANTITY	SAFETY 0021
	20200100	EARTH EXCAVATION	CU YD	160	160
	20400800	FURNISHED EXCAVATION	CU YD	50	50
	21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	1,685	1,685
	25000100	SEEDING, CLASS 1	ACRE	0.50	0.50
	25000110	SEEDING, CLASS 1A	ACRE	0.10	0.10
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	60	60
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	60	60
	25100127	MULCH, METHOD 3A	ACRE	0.55	0.55
	28000400	PERIMETER EROSION BARRIER	FOOT	600	600
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	800	800
*	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX"D", N50	TON	75.0	75.0
*	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10.0	10.0
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	6,832	6,832
	42400800	DETECTABLE WARNINGS	SQ FT	60	60
*	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	335	335
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	115	115
	44000600	SIDEWALK REMOVAL	SQ FT	4,380	4,380
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	500	500
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	115	115
	67100100	MOBILIZATION	LSUM	1	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
*	72000100	SIGN PANEL - TYPE 1	SQ FT	60	60
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	30	30
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOL	SQ FT	24	24
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	117	117
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	100	100
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	75	75
SP *	XX008728	SOLAR POWERED LED FLASHING WARNING SIGN	EACH	2	2

SP - SPECIAL PROVISION      \* SPECIALTY ITEM

STATION	DISTANCE	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 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CUT	FILL	CUT	FILL	CUT	FILL	CUT	FILL	
DEERPETH SW										
1+00.00		4.80	0.00							
1+25.00	25.00	9.60	0.00	7.20	0.00	6.67	0.00	6.67	0.00	6.67
1+50.00	25.00	5.10	0.70	7.35	0.35	6.81	0.32	13.47	0.32	13.15
1+75.00	25.00	5.30	1.80	5.20	1.25	4.81	1.16	18.29	1.48	16.81
2+00.00	25.00	2.10	14.00	3.70	7.90	3.43	7.31	21.71	8.80	12.92
2+25.00	25.00	2.10	15.40	2.10	14.70	1.94	13.61	23.66	22.41	1.25
2+50.00	25.00	2.70	8.00	2.40	11.70	2.22	10.83	25.88	33.24	-7.36
2+75.00	25.00	6.00	1.10	4.35	4.55	4.03	4.21	29.91	37.45	-7.55
3+00.00	25.00	6.00	1.00	6.00	1.05	5.56	0.97	35.46	38.43	-2.96
3+25.00	25.00	6.10	0.90	6.05	0.95	5.60	0.88	41.06	39.31	1.76
3+50.00	25.00	6.50	0.60	6.30	0.75	5.83	0.69	46.90	40.00	6.90
3+75.00	25.00	6.10	0.80	6.30	0.70	5.83	0.65	52.73	40.65	12.08
4+00.00	25.00	5.90	0.70	6.00	0.75	5.56	0.69	58.29	41.34	16.94
4+25.00	25.00	6.90	0.30	6.40	0.50	5.93	0.46	64.21	41.81	22.41
4+50.00	25.00	6.20	0.20	6.55	0.25	6.06	0.23	70.28	42.04	28.24
4+75.00	25.00	7.50	0.10	6.85	0.15	6.34	0.14	76.62	42.18	34.44
5+00.00	25.00	7.00	0.30	7.25	0.20	6.71	0.19	83.33	42.36	40.97
5+25.00	25.00	6.90	0.40	6.95	0.35	6.44	0.32	89.77	42.69	47.08
5+50.00	25.00	6.90	0.40	6.90	0.40	6.39	0.37	96.16	43.06	53.10
5+75.00	25.00	5.90	0.80	6.40	0.60	5.93	0.56	102.08	43.61	58.47
6+00.00	25.00	7.20	0.10	6.55	0.45	6.06	0.42	108.15	44.03	64.12
6+25.00	25.00	7.40	0.10	7.30	0.10	6.76	0.09	114.91	44.12	70.79
6+50.00	25.00	4.90	0.00	6.15	0.05	5.69	0.05	120.60	44.17	76.44
NORTH SW										
10+00.00		3.60	0.00							
10+25.00	25.00	3.10	0.30	3.35	0.15	3.10	0.14	3.10	0.14	2.96
10+50.00	25.00	3.60	1.00	3.35	0.65	3.10	0.60	6.20	0.74	5.46
10+75.00	25.00	3.80	0.80	3.70	0.90	3.43	0.83	9.63	1.57	8.06
11+00.00	25.00	4.90	0.00	4.35	0.40	4.03	0.37	13.66	1.94	11.71
11+25.00	25.00	2.20	0.60	3.55	0.30	3.29	0.28	16.94	2.22	14.72
11+50.00	25.00	5.50	0.20	3.85	0.40	3.56	0.37	20.51	2.59	17.92
11+75.00	25.00	1.90	1.40	3.70	0.80	3.43	0.74	23.94	3.33	20.60
12+00.00	25.00	3.00	0.00	2.45	0.70	2.27	0.65	26.20	3.98	22.22
12+25.00	25.00	2.40	0.00	2.70	0.00	2.50	0.00	28.70	3.98	24.72
12+50.00	25.00	2.60	0.00	2.50	0.00	2.31	0.00	31.02	3.98	27.04
12+75.00	25.00	0.00	0.00	1.30	0.00	1.20	0.00	32.22	3.98	28.24

FILE NAME = 4668--000--PR5.dwg

USER NAME = BRIAN WESOLOWSKI

DESIGNED -

REVISED - 4/3/18

DRAWN - PCL

REVISED -

PLOT SCALE = 1" = .1667'

CHECKED - BJW

REVISED -

PLOT DATE = 2/28/2018

DATE - 3/5/18

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S.

SHEET NO. 3 OF 21 SHEETS

STA - TO STA -

FA  
RTE.

SECTION

COUNTY

TOTAL  
SHEETS

SHEET  
NO.

-

11--00076--00--SW

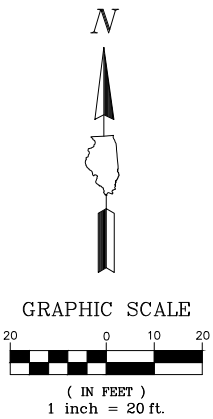
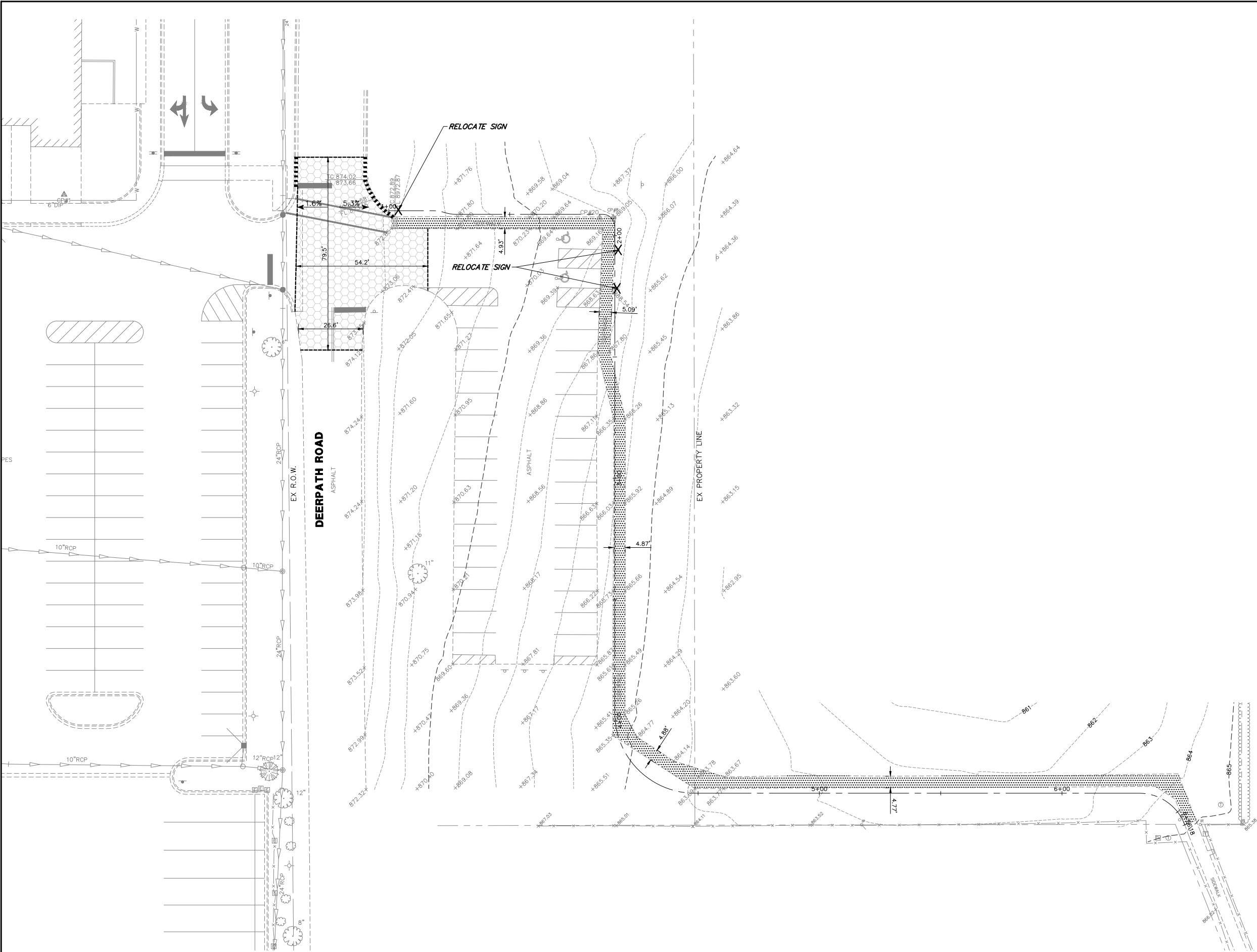
LAKE

21






3

CONTRACT # 61E81

ILLINOIS FED. AID PROJECT

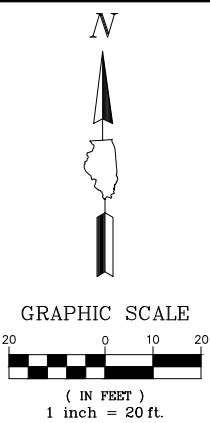
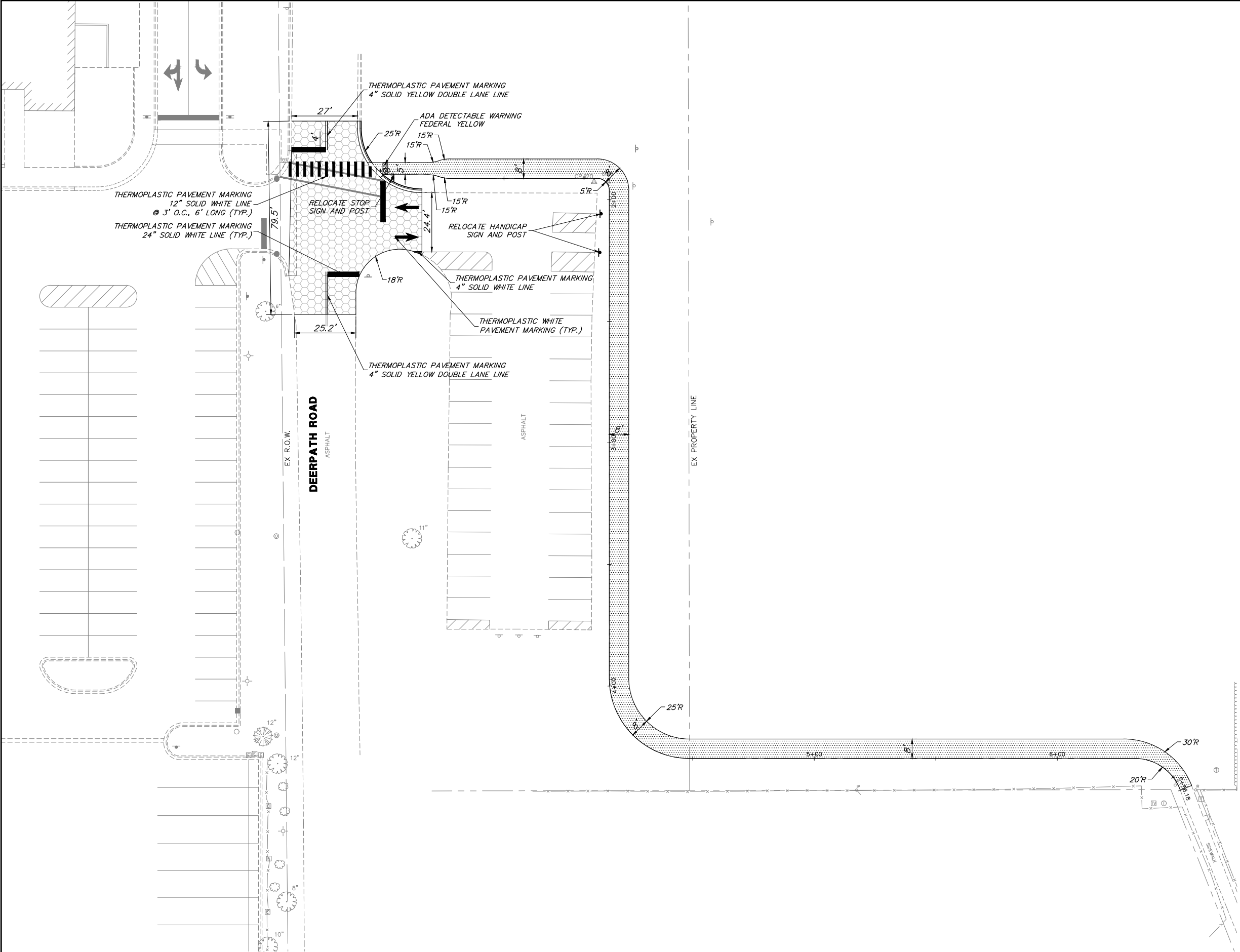


**REMOVAL LEGEND**

-  HMA SURFACE REMOVAL, 2"
-  SIDEWALK REMOVAL
-  SIGN REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  PAVEMENT SAWCUT

FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED - 4/3/18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEERPATH ROAD PEDESTRIAN CROSSING DEMOLITION PLAN	FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - PCL	REVISED -				11-00076-00-SW	LAKE	21	4	
	PLOT SCALE = 1" = .1667'	CHECKED - BJW	REVISED -				CONTRACT #:				61E81
	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE 1" = 20'		SHEET NO. 4 OF 21 SHEETS		STA. 1+00 TO STA. 6+56.18							





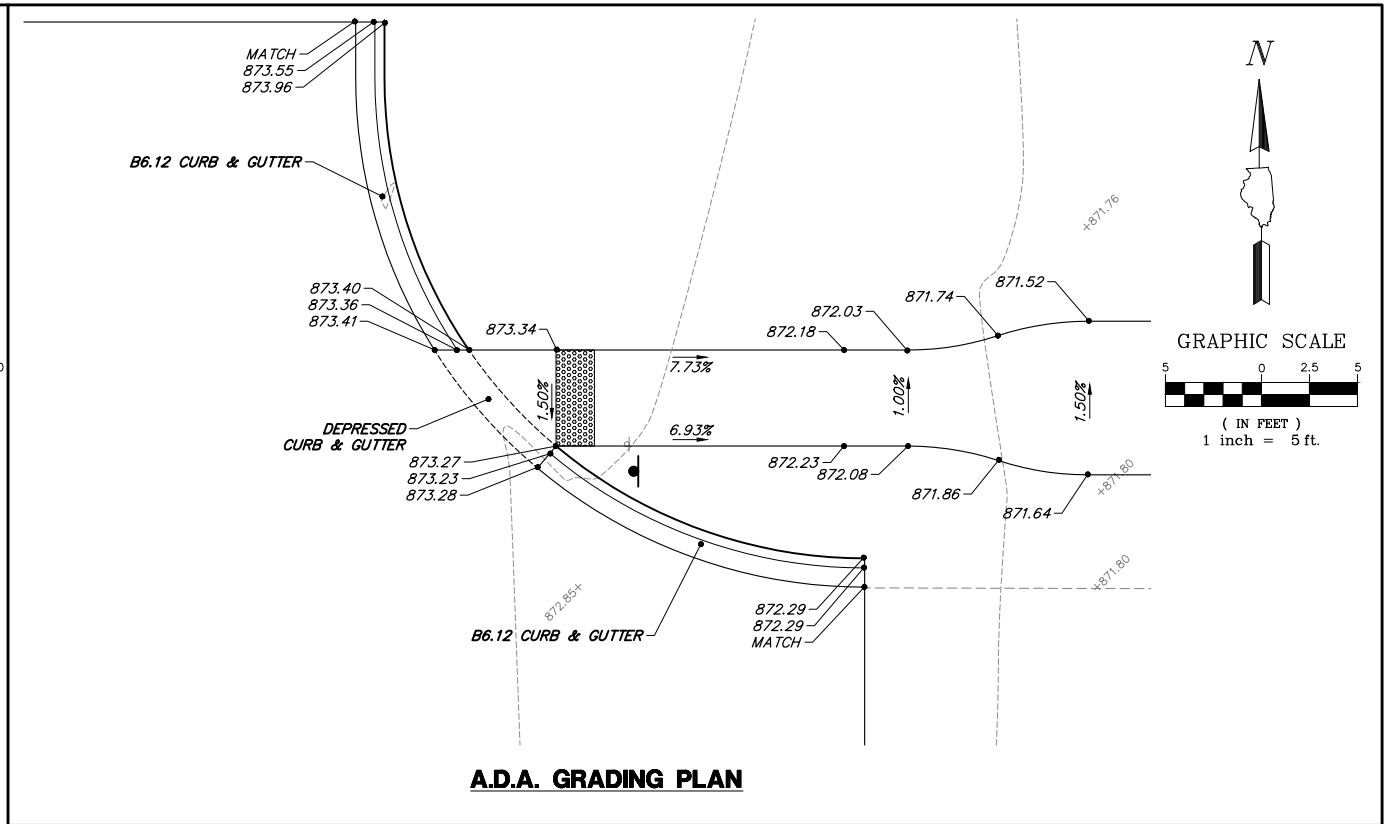
PROPOSED LEGEND

- HMA SURFACE COURSE MIX D, N50
- PCC SIDEWALK 6 INCH
- DETECTABLE WARNINGS
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (DEPRESSED)

PAVEMENT MARKING LEGEND

- DOUBLE LANE LINE
- STOP BAR
- THRU ARROW

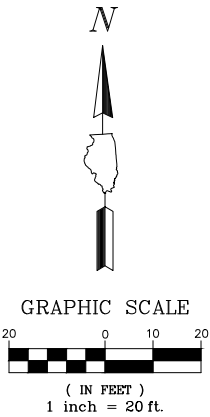
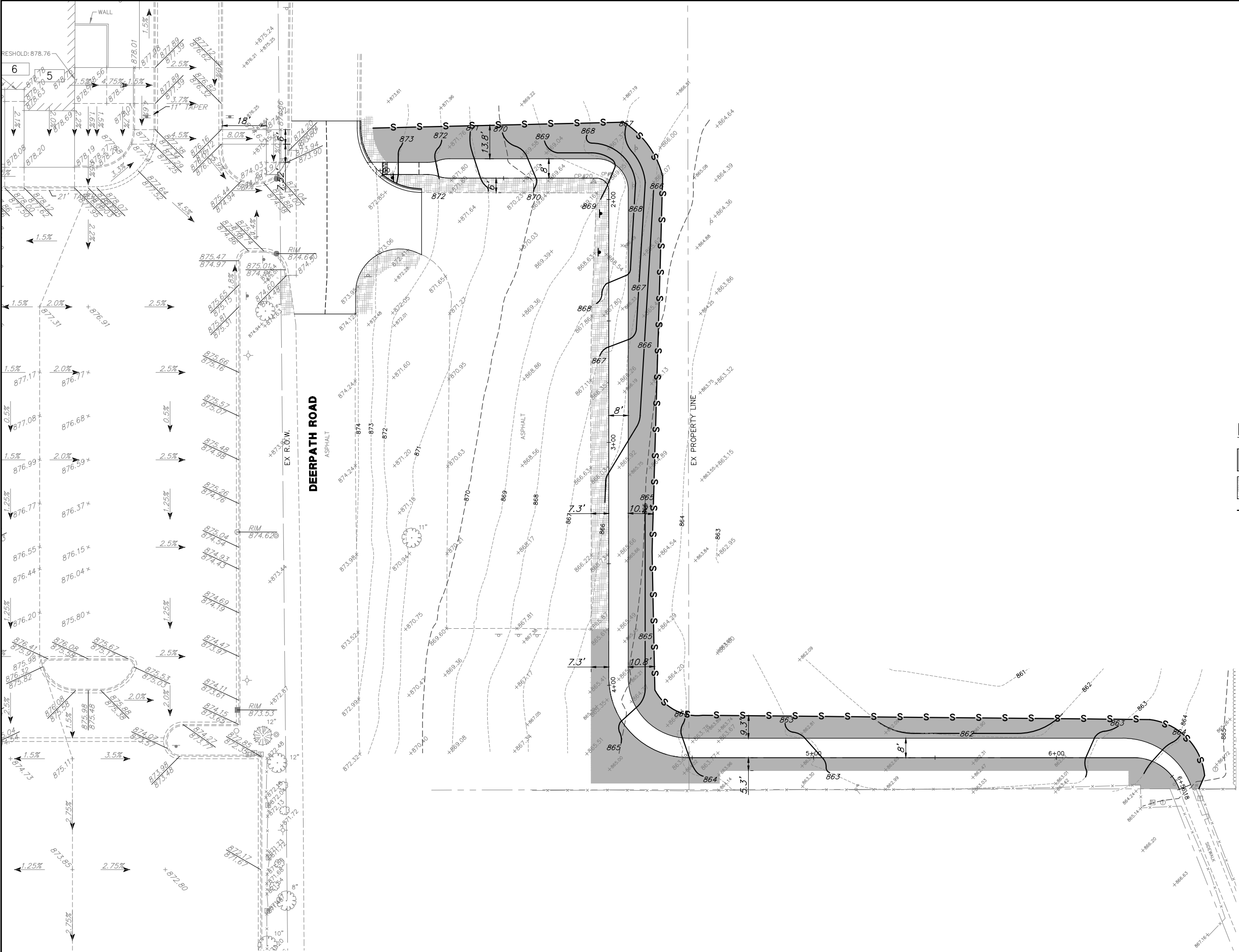
FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED - 4/3/18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEERPATH ROAD PEDESTRIAN CROSSING GEOMETRIC PLAN			FA	SECTION	COUNTY	TOTAL	SHEET
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	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -		SHEET NO. 5 OF 21 SHEETS			CONTRACT # 61E81				
										ILLINOIS FED. AID PROJECT		



**PROPOSED LEGEND**

- SUMMIT --- SUMMITS
- 0.50% SLOPES
- 862 CONTOURS

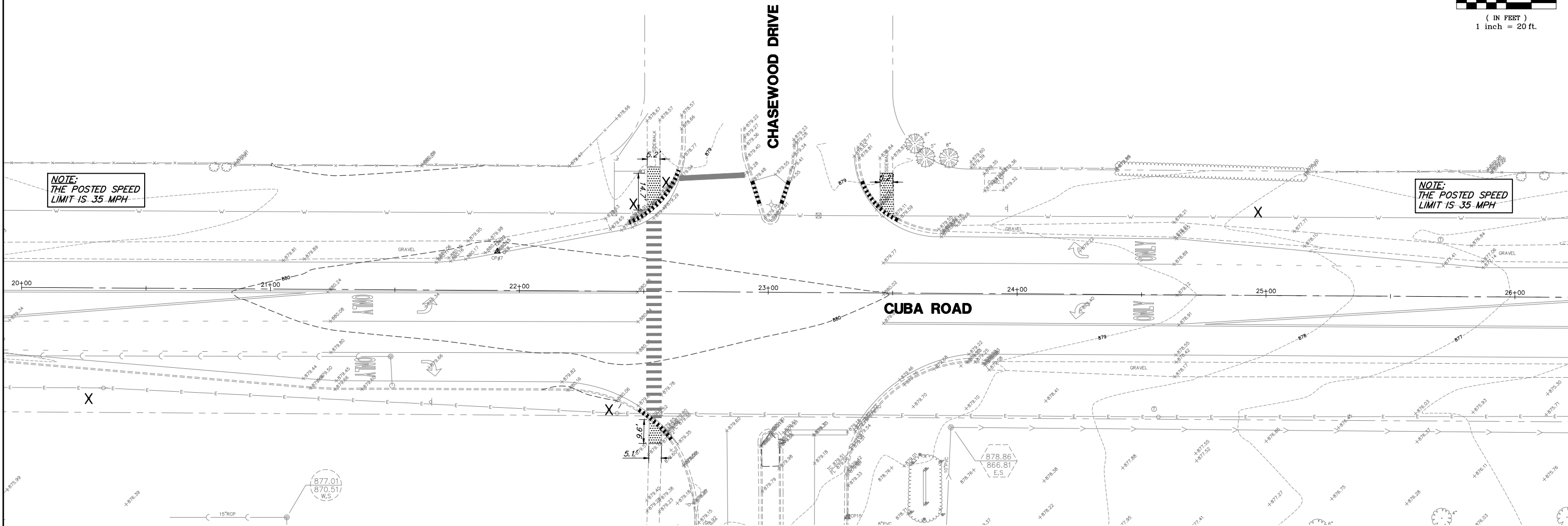
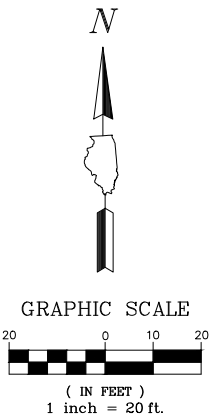
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		DRAWN - PCL	REVISED -		-	11-00076-00-SW	LAKE	21	6				
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	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -		SCALE 1" = 20'		SHEET NO. 6 OF 21 SHEETS	STA. 1+00	TO STA. 6+56.18	ILLINOIS FED. AID PROJECT			



**PROPOSED LEGEND**

	CLASS 1 SEED AND MULCH METHOD 3A
	CLASS 1A SEED AND MULCH METHOD 3A
	PERIMETER EROSION BARRIER

FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DEERPETH ROAD PEDESTRIAN CROSSING SOIL EROSION AND SEDIMENT CONTROL PLAN			FA	SECTION	COUNTY	TOTAL	SHEET
		DRAWN - PCL	REVISED -					RTE			SHEETS	NO.
	PLOT SCALE = 1" = .1667'	CHECKED - BJW	REVISED -					-	11-00076-00-SW	LAKE	21	7
	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -					CONTRACT #:		61E81		
					SCALE 1" = 20'	SHEET NO. 7 OF 21 SHEETS	STA. 1+00 TO STA. 6+56.18	ILLINOIS FED. AID PROJECT				



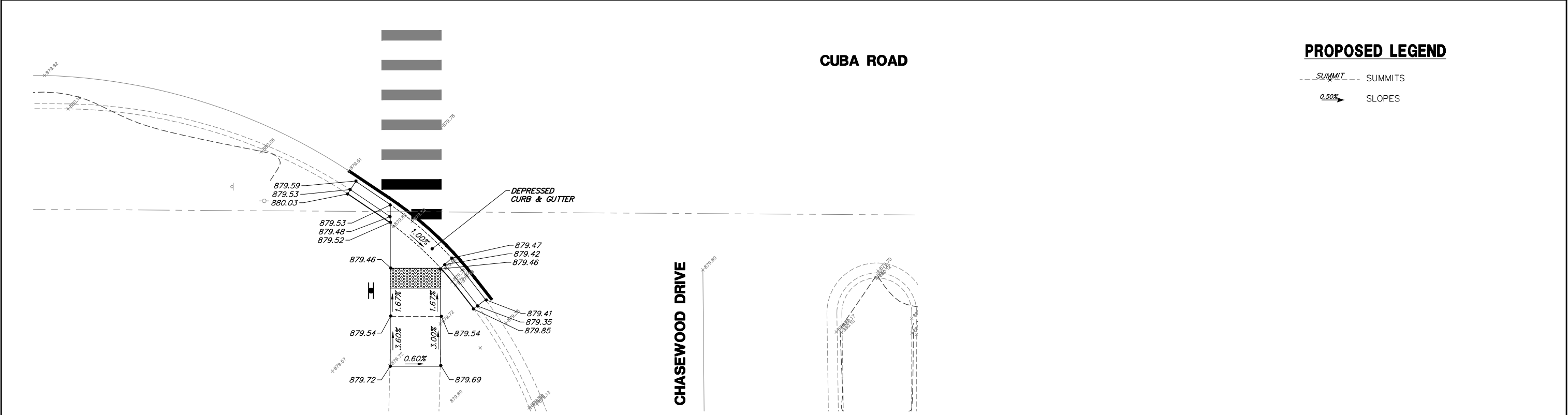
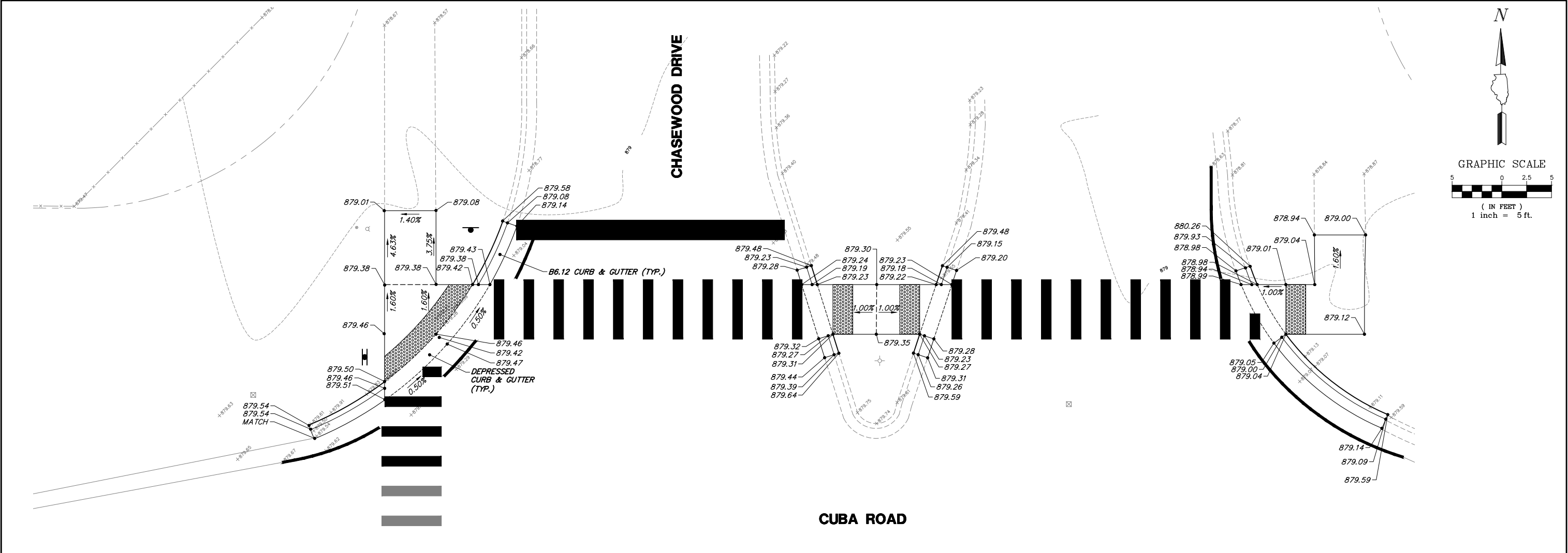
REMOVAL LEGEND

- SIDEWALK REMOVAL
- SIGN REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT SAWCUT

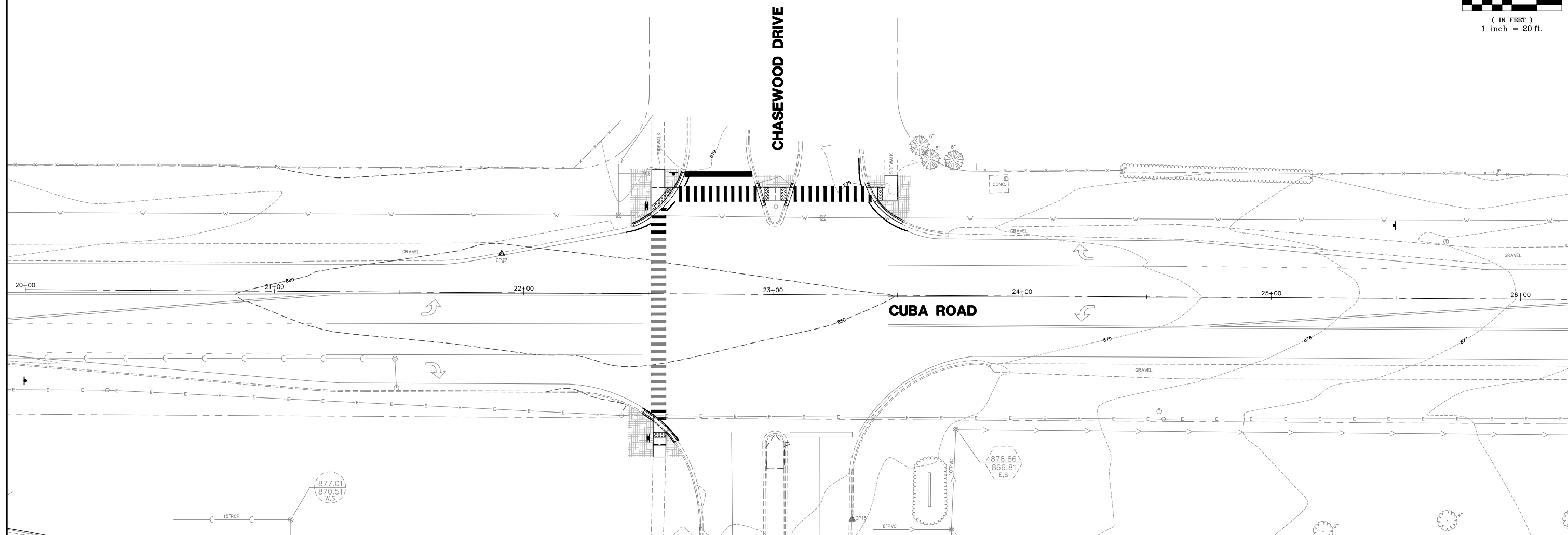
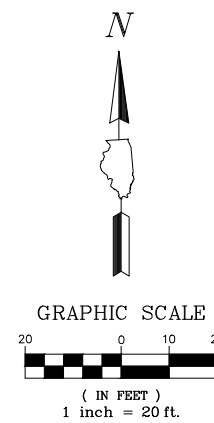
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		DRAWN - PCL	REVISED -		SCALE 1" = 20'	SHEET NO. 8 OF 21 SHEETS	STA. 20+00 TO STA. 25+22.92	-	11-00076-00-SW	LAKE	21	8	
	PLOT SCALE = 1" = .1667'	CHECKED - BJW	REVISED -					CONTRACT #		61E81			
	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -					ILLINOIS FED. AID PROJECT					







FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CUBA ROAD PEDESTRIAN CROSSING GRADING PLAN				FA	SECTION	COUNTY	TOTAL	SHEET
		DRAWN - PCL	REVISED -						RTE			SHEETS	NO.
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	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -		SCALE 1" = 5'		SHEET NO. 10 OF 21 SHEETS	STA. 20+00 TO STA. 25+22.92	CONTRACT # 61E81				
										ILLINOIS FED. AID PROJECT			



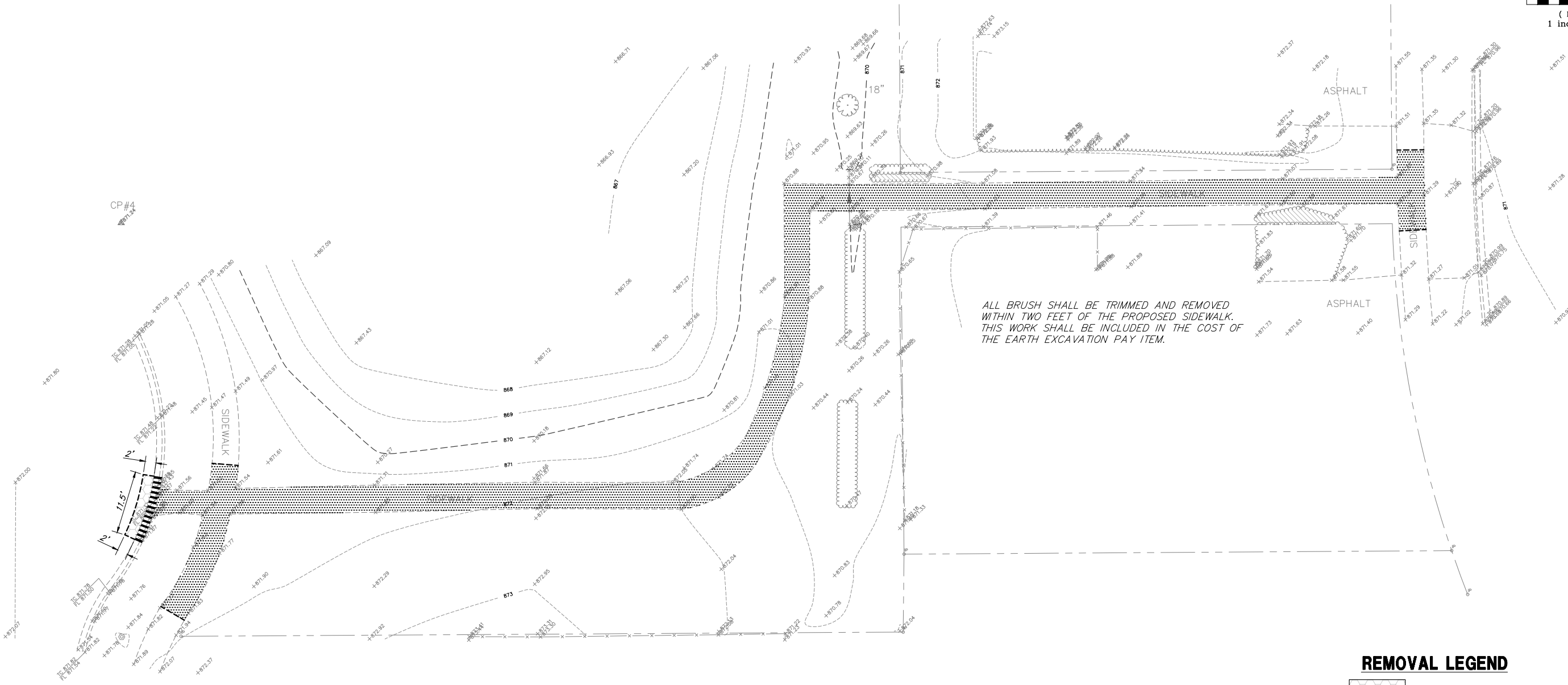
### PROPOSED LEGEND



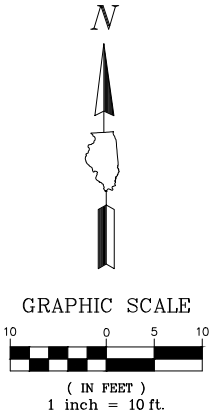
CLASS 1A SEED AND MULCH METHOD 3A

FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CUBA ROAD PEDESTRIAN CROSSING SOIL EROSION AND SEDIMENT CONTROL PLAN				FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PCL	REVISED -						-	11-00076-00-SW	LAKE	21	11
	PLOT SCALE = 1" = .1667'	CHECKED - BJW	REVISED -		CONTRACT #:					61E81			
	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -		SCALE 1" = 20'	SHEET NO. 11 OF 21 SHEETS	STA. 20+00 TO STA. 25+22.92	ILLINOIS FED. AID PROJECT					

WATERFORD DRIVE



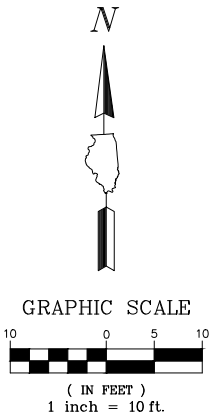
WILKES LANE



REMOVAL LEGEND

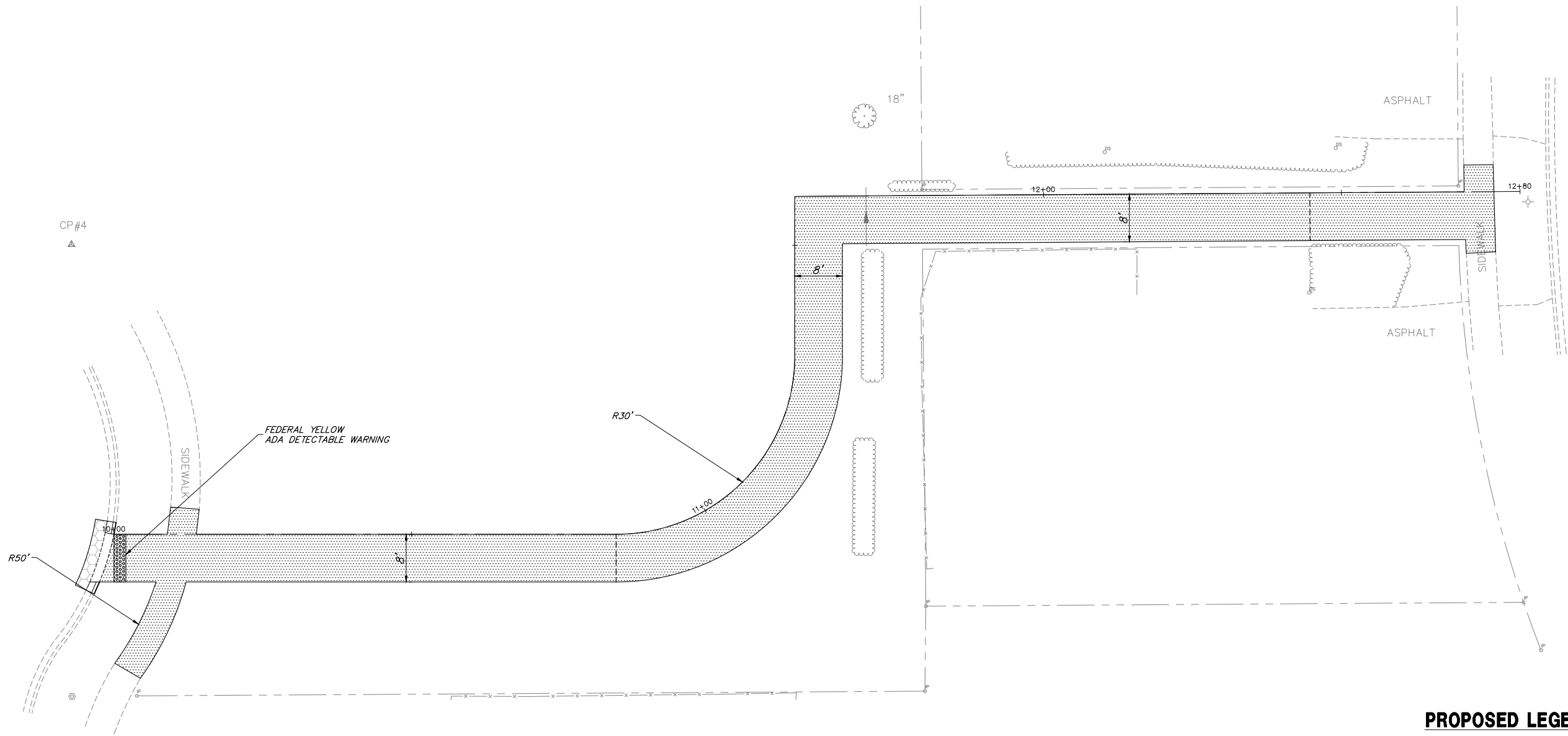
- HMA SURFACE REMOVAL, 2"
- SIDEWALK REMOVAL
- CLEARING AND GRUBBING
- COMBINATION CURB AND GUTTER REMOVAL
- PAVEMENT SAWCUT

FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED - 4/3/18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH SIDEWALK ADA IMPROVEMENTS DEMOLITION PLAN			FA	SECTION	COUNTY	TOTAL	SHEET
		DRAWN - PCL	REVISED -					RTE			SHEETS	NO.
	PLOT SCALE = 1" = .1667'	CHECKED - BJW	REVISED -		SCALE 1" = 10'	SHEET NO. 12 OF 21 SHEETS	STA. 10+00 TO STA. 12+75	-	11-00076-00-SW	LAKE	21	12
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ILLINOIS FED. AID PROJECT												



WILKES LANE

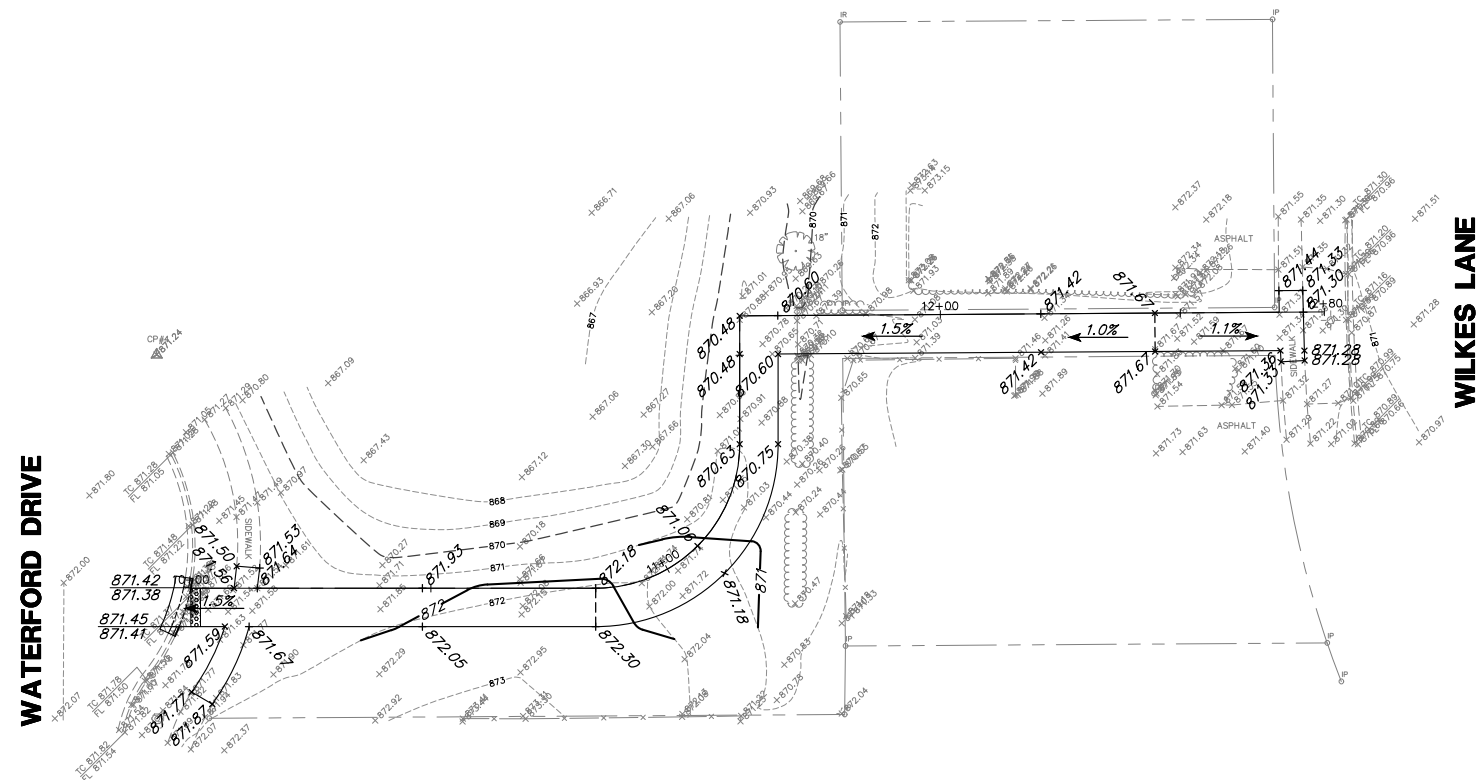
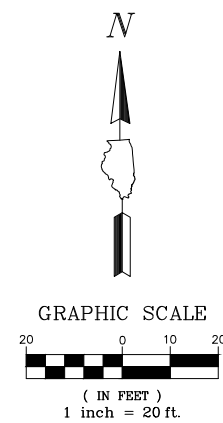
WATERFORD DRIVE



PROPOSED LEGEND

- INCIDENTAL HMA SURFACING
- PCC SIDEWALK 6 INCH
- DETECTABLE WARNINGS
- B6.12 CURB & GUTTER (REGULAR)
- B6.12 CURB & GUTTER (DEPRESSED)

FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED - 4/3/18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH SIDEWALK ADA IMPROVEMENTS GRADING PLAN				FA	SECTION	COUNTY	TOTAL	SHEET
		DRAWN - PCL	REVISED -						RTE			SHEETS	NO.
	PLOT SCALE = 1" = .1667'	CHECKED - BJW	REVISED -		SCALE 1" = 10'	SHEET NO. 13 OF 21 SHEETS	STA. 10+00	TO STA. 12+75	-	11-00076-00-SW	LAKE	21	13
	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -					CONTRACT #:					61E81
										ILLINOIS FED. AID PROJECT			



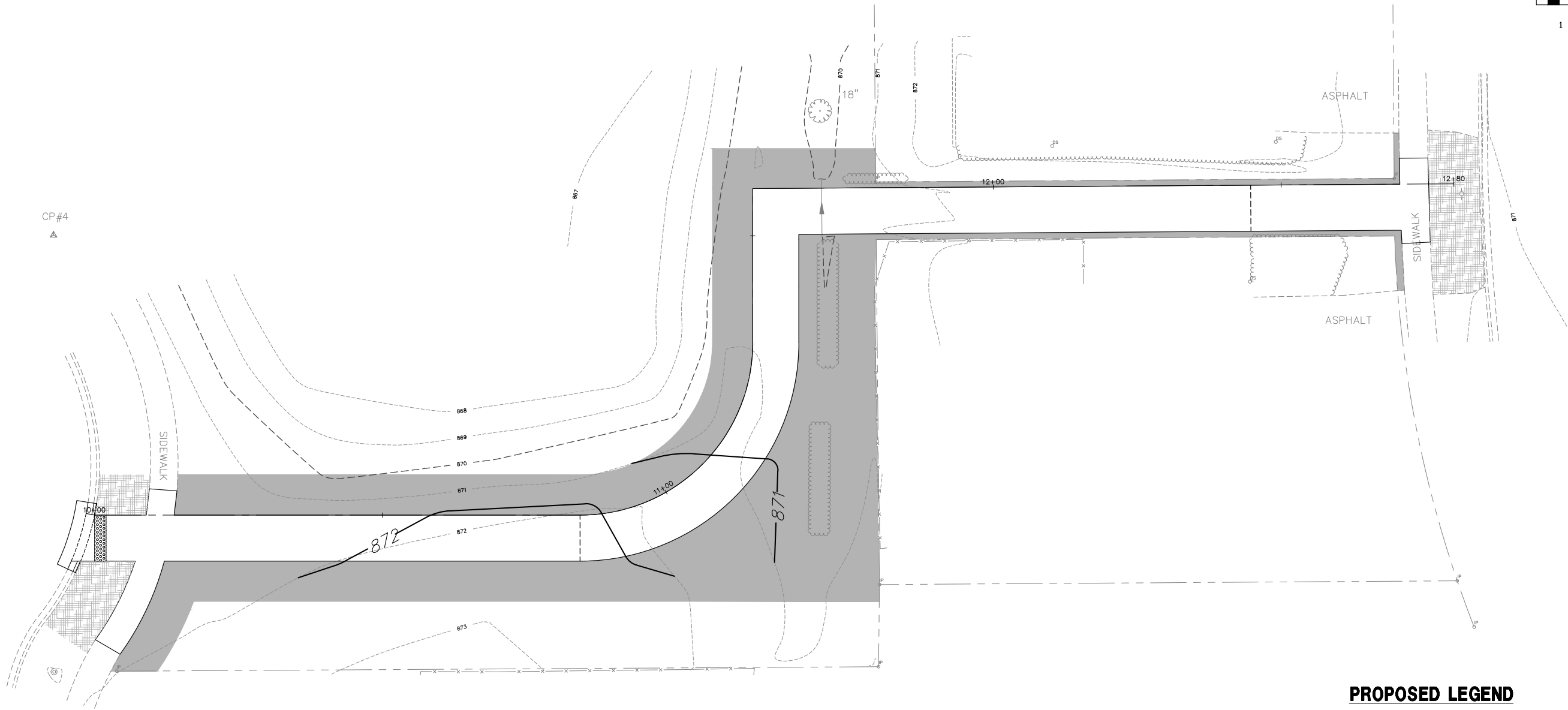
### PROPOSED LEGEND

- SUMMIT--- SUMMITS  
0.50% SLOPES  
---862--- CONTOURS

FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH SIDEWALK ADA IMPROVEMENTS GRADING PLAN			FA RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PCL	REVISED -					-	11-00076-00-SW	LAKE	21	14
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	PLOT DATE = 2/28/2018	DATE = 3/5/18	REVISED -		SCALE PER PLAN	SHEET NO. 14 OF 21 SHEETS	STA. 10+00 TO STA. 12+75	ILLINOIS FED. AID PROJECT				



WATERFORD DRIVE



WILKES LANE

PROPOSED LEGEND

- CLASS 1 SEED AND MULCH METHOD 3A
- CLASS 1A SEED AND MULCH METHOD 3A
- PERIMETER EROSION BARRIER

FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH SIDEWALK ADA IMPROVEMENTS SOIL EROSION AND SEDIMENT CONTROL PLAN				FA	SECTION	COUNTY	TOTAL	SHEET
		DRAWN - PCL	REVISED -						RTE			SHEETS	NO.
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	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -		CONTRACT #:			61E81					
					SCALE 1" = 10'	SHEET NO. 15 OF 21 SHEETS	STA. 10+00	TO STA. 12+75	ILLINOIS FED. AID PROJECT				

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

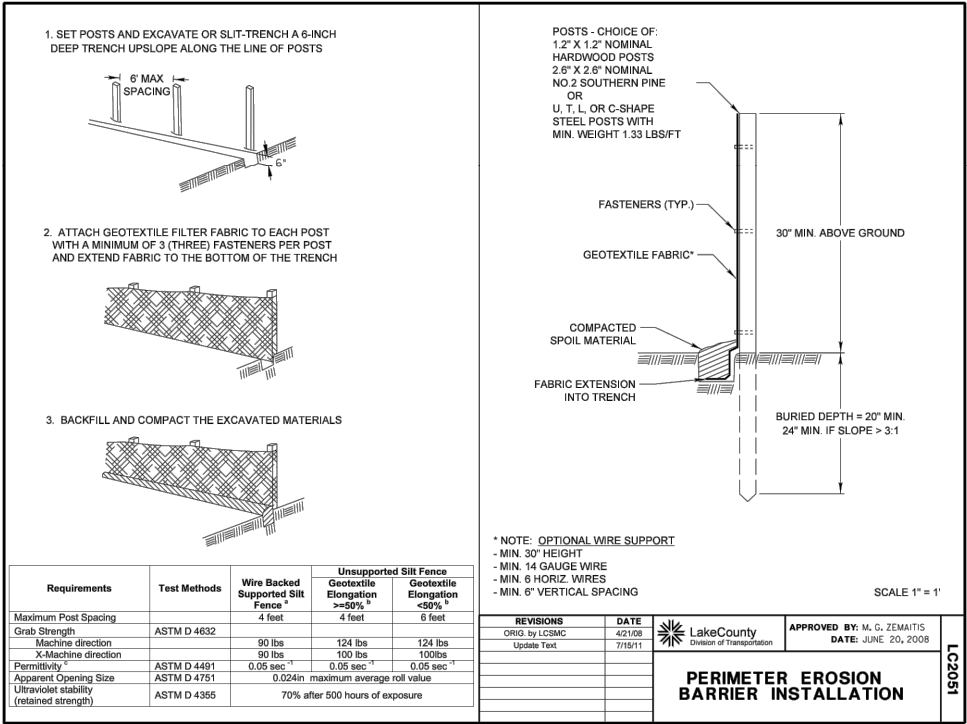
- A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DEC), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
- UPON COMPLETION OF SEDIMENT AND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



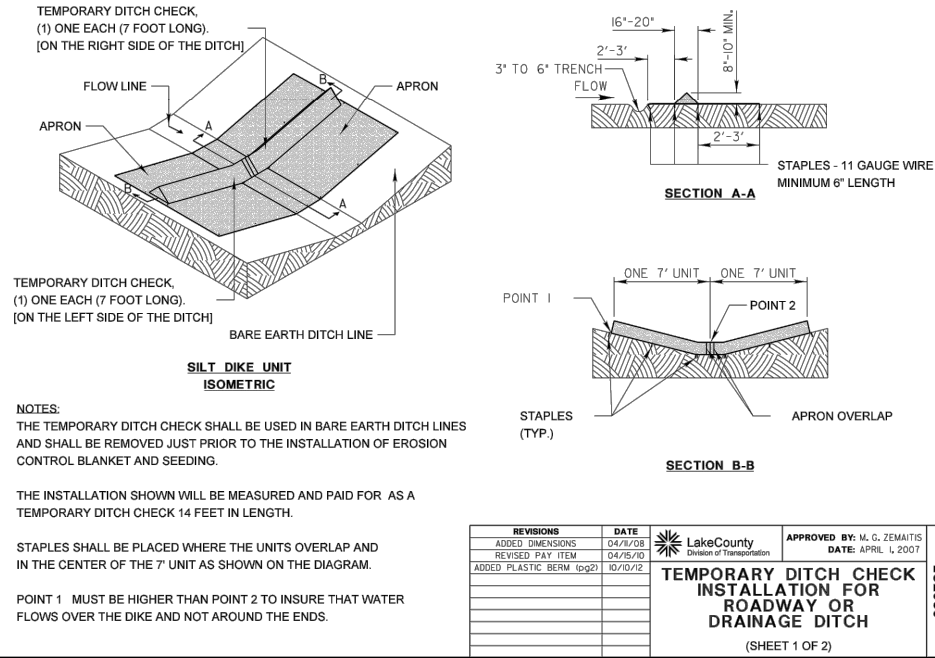
STORMWATER MANAGEMENT COMMISSION

TYPICAL CONSTRUCTION SEQUENCING

- 1.) Installation of soil erosion and sediment control SE/SC measures
    - a.) Selective vegetation removal for silt fence installation
    - b.) Silt fence installation
    - c.) Construction fencing around areas not to be disturbed
    - d.) Stabilized construction entrance
  - 2.) Tree removal where necessary (clear & grub)
  - 3.) Construct sediment trapping devices (sediment traps, basins...)
  - 4.) Construct detention facilities and outlet control structure with restrictor & temporary perforated riser
  - 5.) Strip topsoil, stockpile topsoil and grade site
  - 6.) Temporarily stabilize topsoil stockpiles (seed and silt fence around toe of slope)
  - 7.) Install storm sewer, sanitary sewer, water and associated inlet & outlet protection
  - 8.) Permanently stabilize detention basins with seed and erosion control blanket
  - 9.) Temporarily stabilize all areas including lots that have reached temporary grade
  - 10.) Install roadways
  - 11.) Permanently stabilize all outlot areas
  - 12.) Install structures and grade individual lots
  - 13.) Permanently stabilize lots
  - 14.) Remove all temporary SE/SC measures after the site is stabilized with vegetation
- \* Soil erosion and sediment control maintenance must occur every two weeks and after every ½ or greater rainfall event



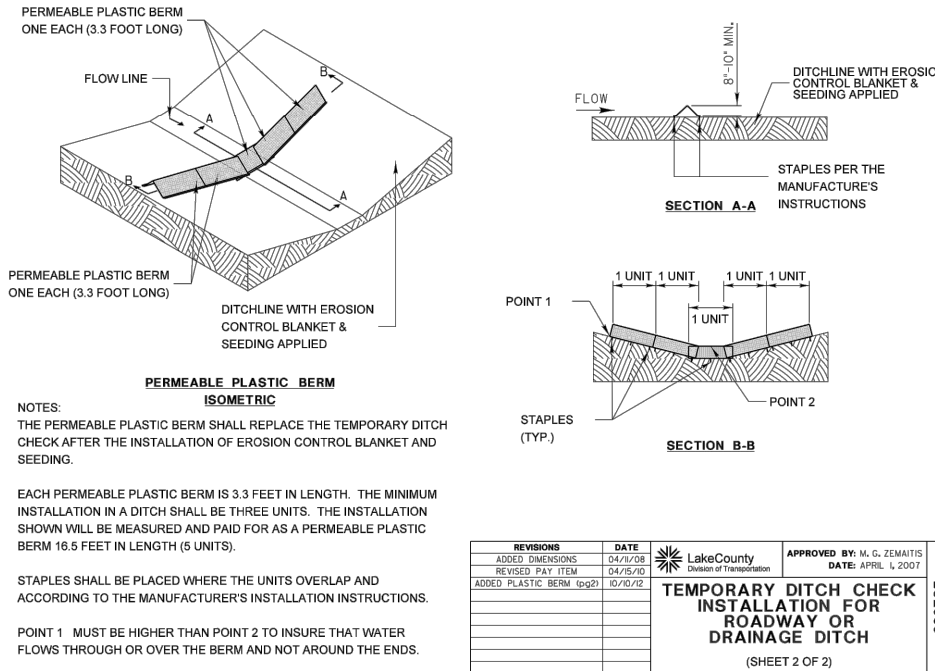
FOR BARE EARTH APPLICATION ONLY



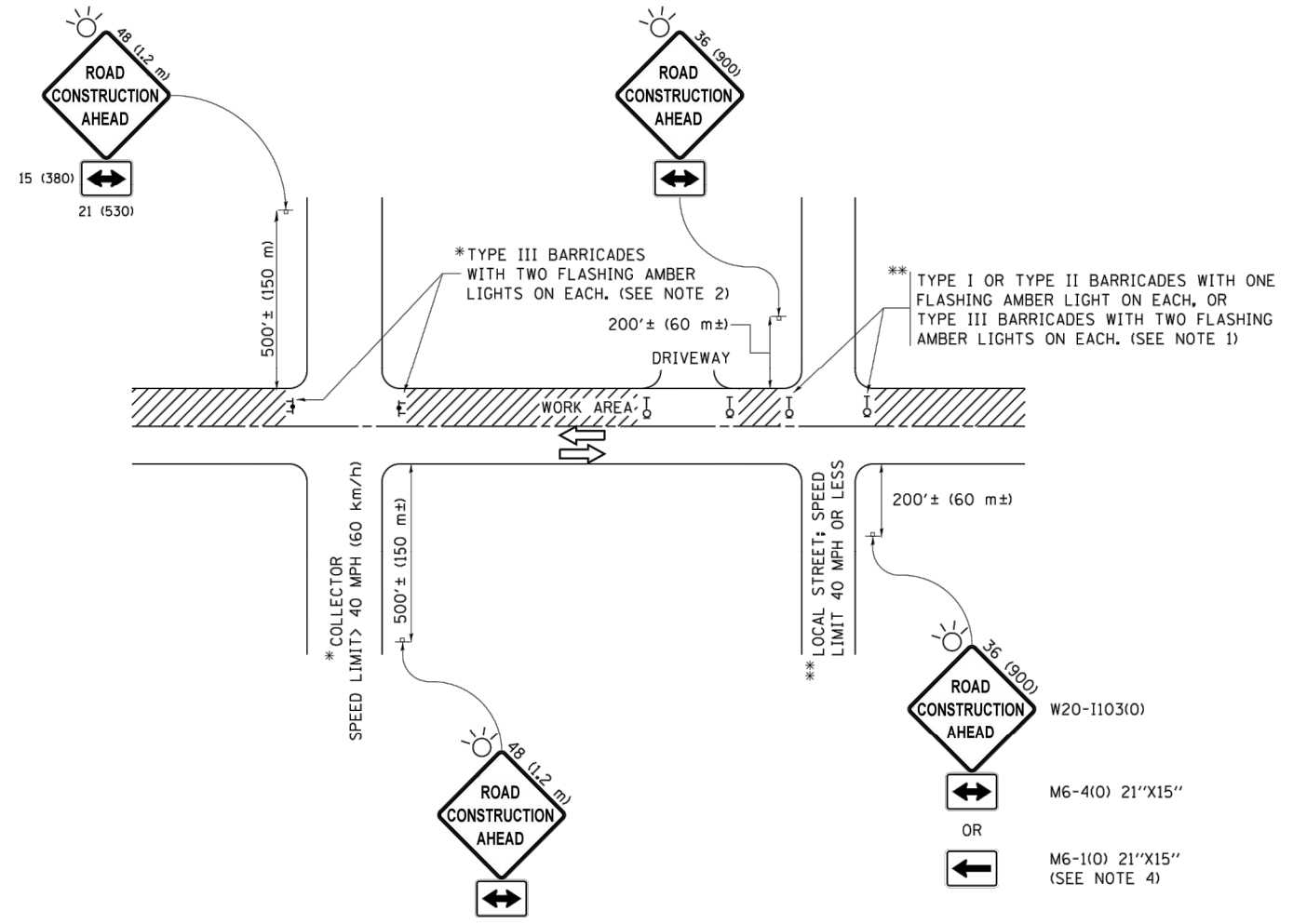
EROSION CONTROL NOTES

1. AT A MINIMUM, THE CONTRACTOR SHALL INSTALL AND MAINTAIN SOIL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THE LATEST EDITION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S URBAN MANUAL.
2. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS.
3. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY ROAD OF MATERIAL THAT IS FROM THE PROJECT. THIS WILL BE DONE AT THE CLOSE OF EACH DAY OF WORK OR MORE FREQUENTLY AS FIELD CONDITIONS WARRANT.
4. ALL STORM WATER STRUCTURES WITH OPEN LIDS SHALL BE PROTECTED WITH INLET FILTER BASKETS. DURING CONSTRUCTION, SEDIMENT SHALL BE REMOVED AS NEEDED, AND BASKETS SHALL BE REPAIRED OR REPLACED AS NEEDED.
5. AFTER ACHIEVING PERMANENT VEGETATION, ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED, AND THE DRAINAGE STRUCTURES SHALL BE CLEANED.
6. THE CONTRACTOR SHALL KEEP A WATER SOURCE AT THEIR DISPOSAL FOR THE PURPOSE OF WATERING DOWN SOIL ON SITE AND ADJACENT ROADWAYS WHICH OTHERWISE MAY BECOME AIRBORNE.
7. THE CONTRACTOR SHALL STABILIZE ALL IDLE, DISTURBED AREAS WITHIN SEVEN DAYS OF CESSATION OF THE CONSTRUCTION ACTIVITIES IN THAT AREA.
8. THE CONTRACTOR IS EXPRESSLY ADVISED NOT TO DISTURB AREAS WHICH ARE OUTSIDE THOSE NECESSARY TO PROVIDE THE IMPROVEMENTS AS CALLED FOR IN THE PLANS.
9. ALL EROSION CONTROL MEASURES SHALL BE REPLACED IF DAMAGED OR MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
10. ALL BYPASS CHANNELS, MUST BE CONSTRUCTED SO THAT CHANNEL FLOWS WILL NOT CAUSE EROSION OF EXCAVATED MATERIAL. IN EACH CASE A SEDIMENTATION BASIN MUST BE CONSTRUCTED SO AS TO ALLOW THE SEDIMENT TO SETTLE PRIOR TO THE DOWNSTREAM OUTLET OF THE PROJECT AREA.
11. PUMPS MAY BE USED AS BYPASS DEVICES, BUT IN NO CASE WILL THE WATER BE DIVERTED OUTSIDE THE PROJECT LIMIT. ALL PUMPED WATER SHALL BE FREE OF SILT. PUMPING MAY REQUIRE THE USE OF A SEDIMENT CONTAINMENT FILTER BAG AND OTHER SUPPLEMENTAL SEDIMENT CONTROL MEASURES.
12. CONCRETE WASHOUT FACILITIES SHALL BE MADE AVAILABLE IF NEEDED, AND PROPERLY MAINTAINED THROUGHOUT THE PROJECT.
13. PROPERLY MANAGE ALL MATERIAL STORAGE AREAS, PORTABLE TOILETS, AND EQUIPMENT FUELING, CLEANING, AND MAINTENANCE AREAS TO ENSURE THESE AREAS ARE FREE OF SPILLS, LEAKS, OR OTHER POTENTIAL POLLUTANTS.
14. WASTE, CONSTRUCTION DEBRIS, AND BUILDING MATERIALS SHALL BE COLLECTED AND PLACED IN APPROVED RECEPTACLES.

FOR USE WHILE ESTABLISHING FINAL LANDSCAPING



FILE NAME = 4668-000-PR5.dwg	USER NAME = BRIAN WESOLOWSKI	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS			FA	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN - PCL	REVISED -					-						
	PLOT SCALE = 1" = .1667'	CHECKED - BJW	REVISED -											
	PLOT DATE = 2/28/2018	DATE - 3/5/18	REVISED -											
					SCALE	N.T.S.	SHEET NO.	16 OF 21 SHEETS	STA.	-	TO STA.	-	ILLINOIS FED. AID PROJECT	
									CONTRACT # 61E81					



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

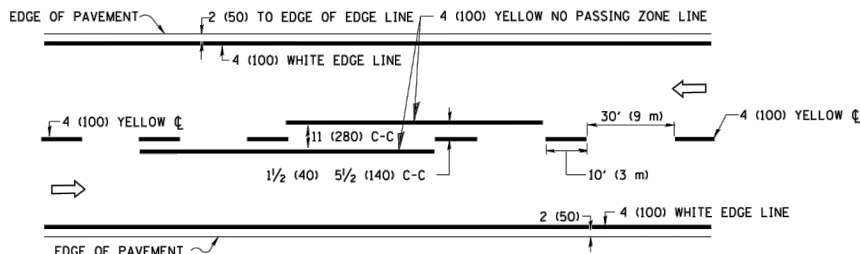
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

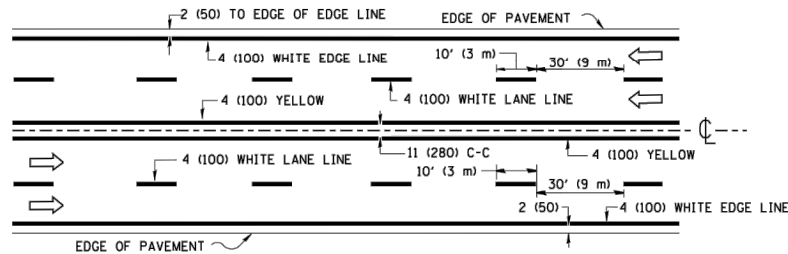
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

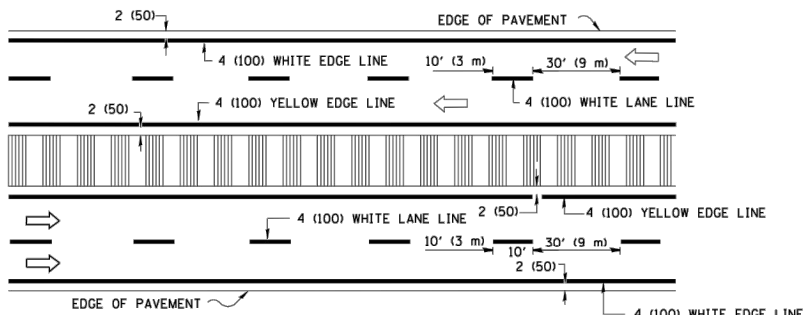
FILE NAME = pwi\IL084EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\District 1\084EBID\Drawings\CADD\Sheet\to10.dgn Default	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	SCALE: NONE	SHEET 1	OF 1	SHEETS	STA. —	TO STA. —	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN	REVISED - T. RAMMACHER 01-06-00									—	11—00076—00—SW	LAKE	21	17			
		PLOT SCALE = 50.000' / in.	CHECKED -									TC-10					CONTRACT NO. 61E81		
		PLOT DATE = 9/15/2016	DATE - 06-89									ILLINOIS FED. AID PROJECT							



2-LANE ROADWAY

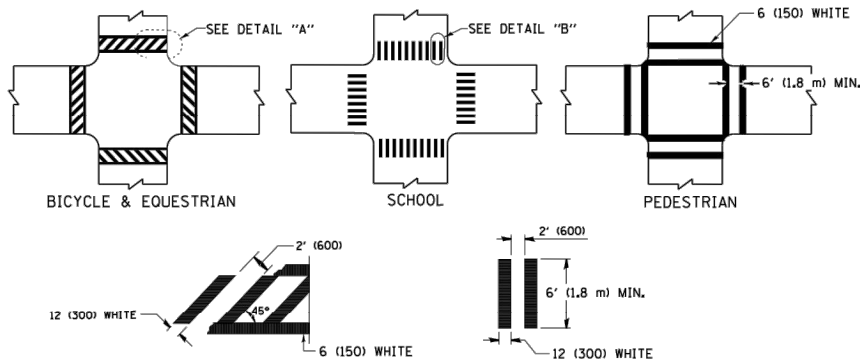


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED  
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

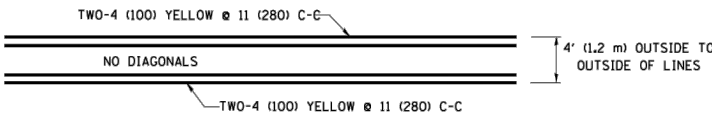


DETAIL "A"

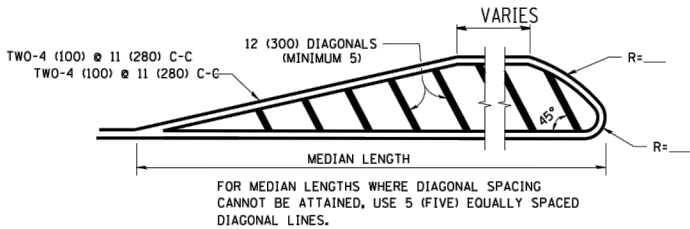
DETAIL "B"

TYPICAL CROSSWALK MARKING

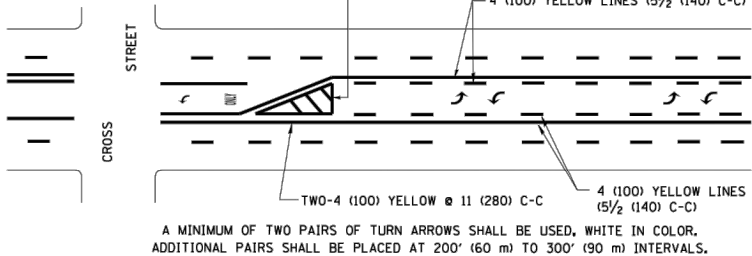
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

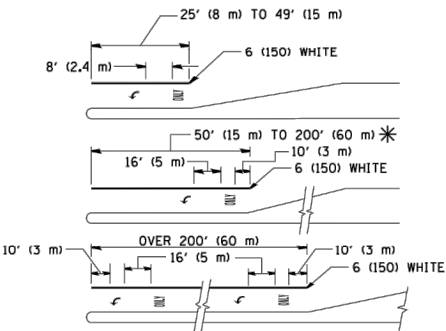


MEDIANS OVER 4' (1.2 m) WIDE



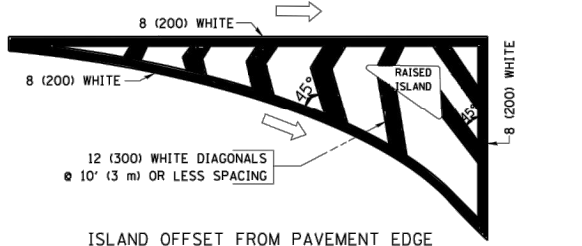
MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

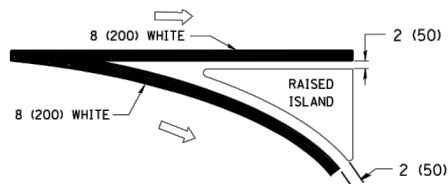


TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

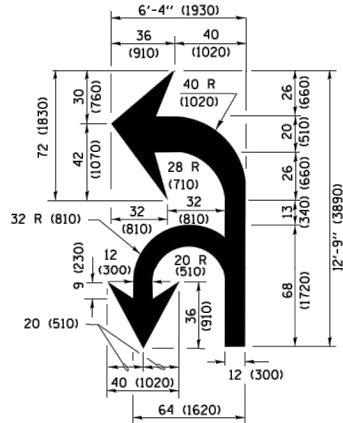


ISLAND OFFSET FROM PAVEMENT EDGE

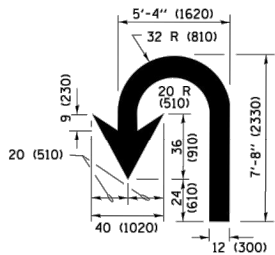


ISLAND AT PAVEMENT EDGE

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.

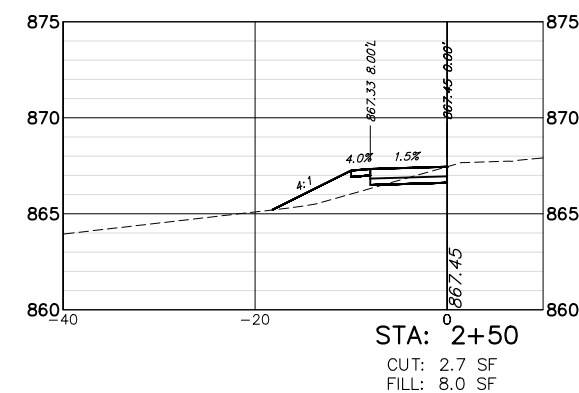
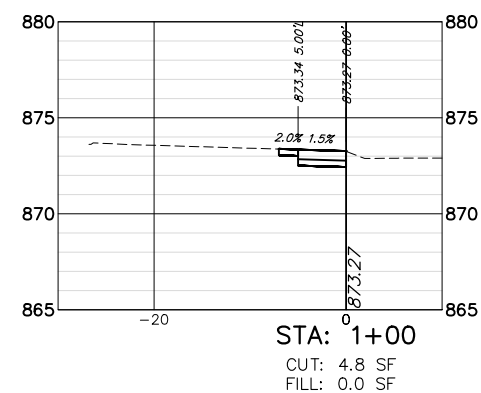
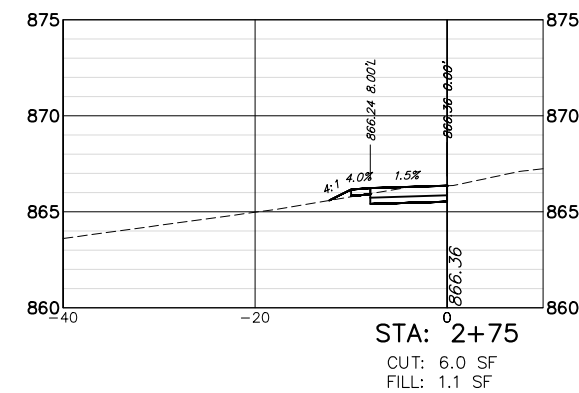
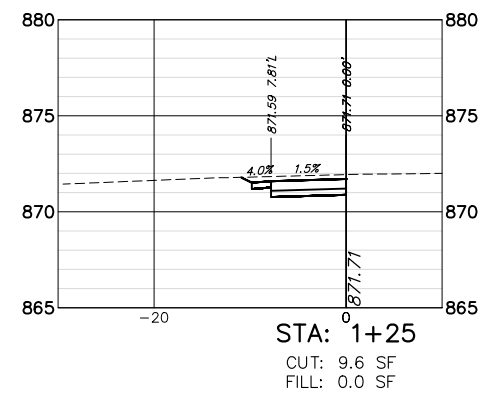
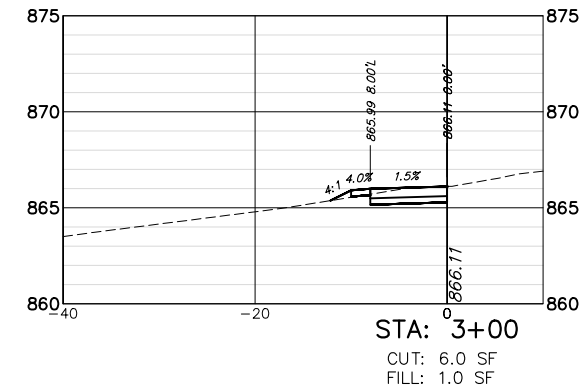
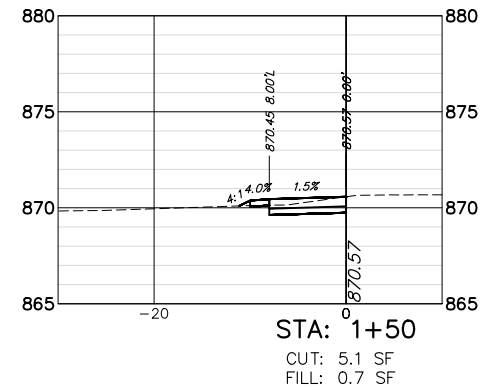
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	PLOT DATE = 12/21/2015		REVISED - C. JUCIUS 12-21-15

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

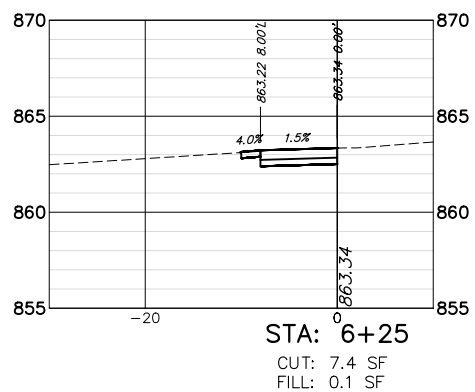
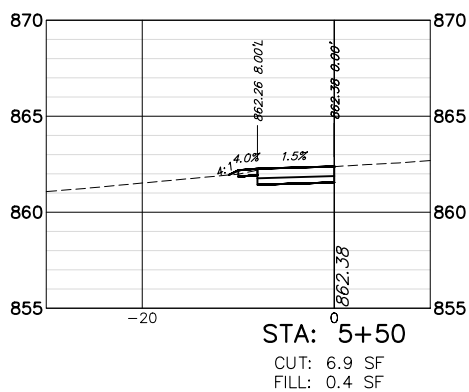
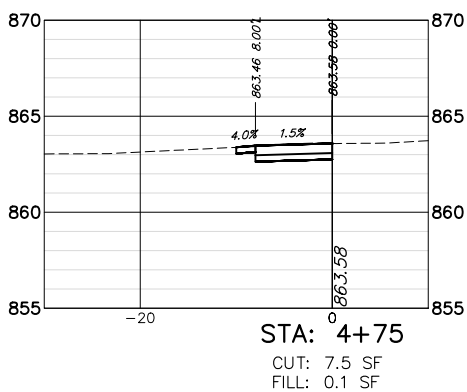
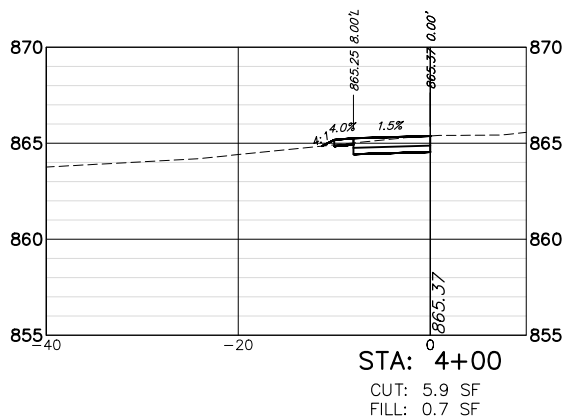
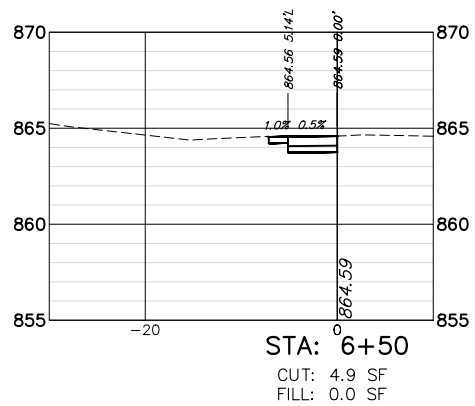
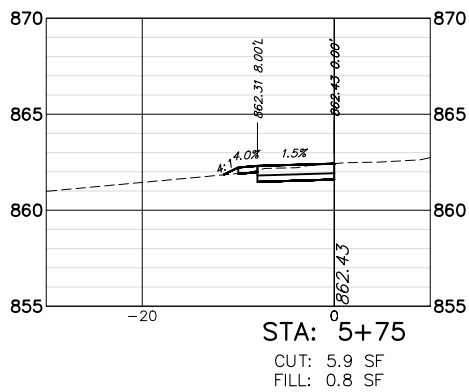
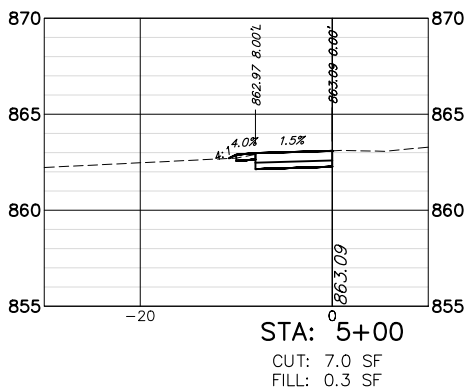
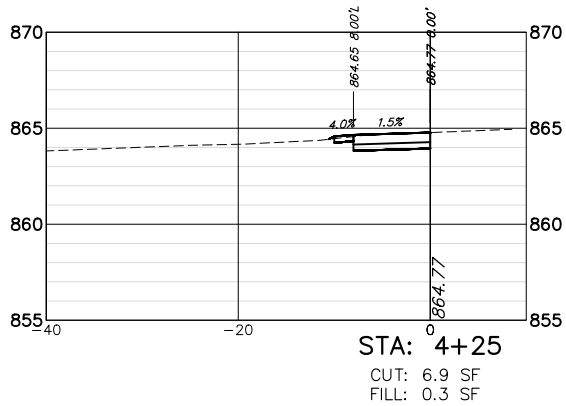
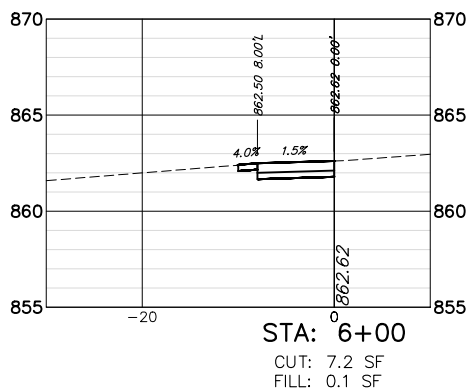
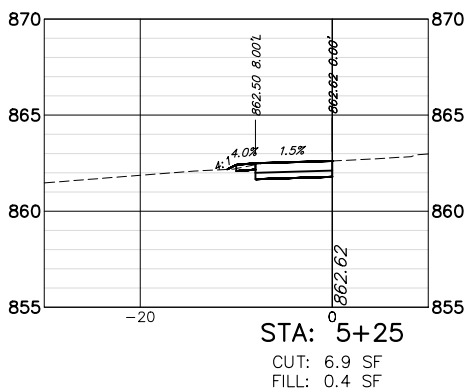
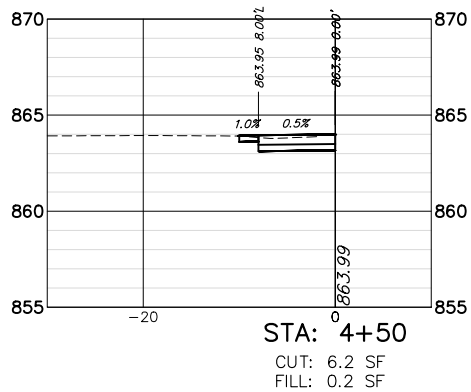
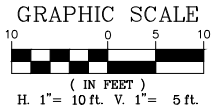
DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA. -	TO STA. -
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	11-00076-00-SW	LAKE	21	18
	TC-13	CONTRACT NO. 61E81		
	ILLINOIS FED. AID PROJECT			







FILE NAME = 4668-000-PR5.dwg

USER NAME = BRIAN WESOLOWSKI

DESIGNED -

REVISED -

DRAWN - PCL

REVISED -

CHECKED - BJW

REVISED -

DATE - 3/5/18

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DEERPETH ROAD PEDESTRIAN CROSSING  
CROSS SECTIONS

SCALE SEE SCALE

SHEET NO. 20 OF 21 SHEETS

STA. 4+00

TO STA. 6+50

FA  
RTE

SECTION

COUNTY

TOTAL  
SHEETS

SHEET  
NO.

-

11-00076-00-SW

LAKE

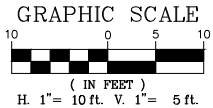
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20

CONTRACT #

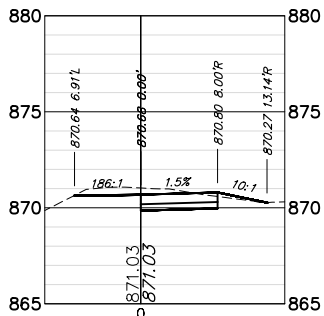
61E81

ILLINOIS FED. AID PROJECT



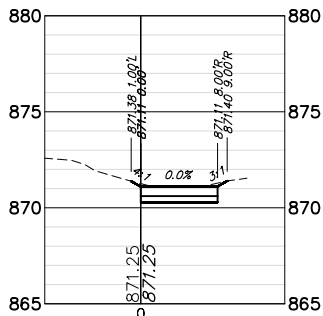
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CUT: 3.6 SF  
FILL: 1.0 SF



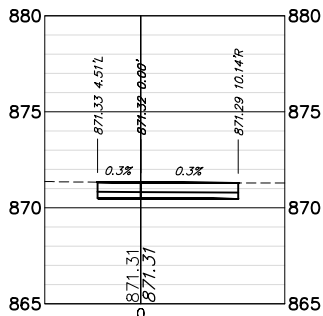
STA: 11+25

CUT: 2.2 SF  
FILL: 0.6 SF



STA: 12+00

CUT: 3.0 SF  
FILL: 0.0 SF



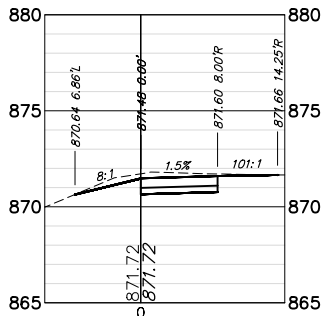
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CUT: 0.0 SF  
FILL: 0.0 SF



STA: 10+25

CUT: 3.1 SF  
FILL: 0.3 SF



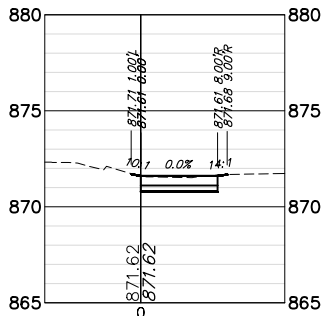
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FILL: 0.0 SF



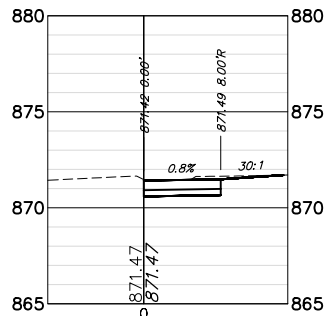
STA: 11+75

CUT: 1.9 SF  
FILL: 1.4 SF



STA: 12+50

CUT: 2.6 SF  
FILL: 0.0 SF



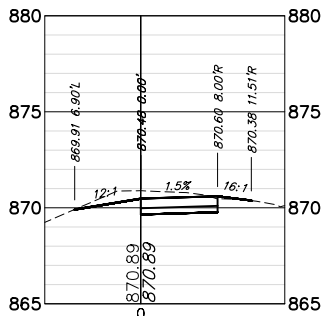
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CUT: 3.6 SF  
FILL: 0.0 SF



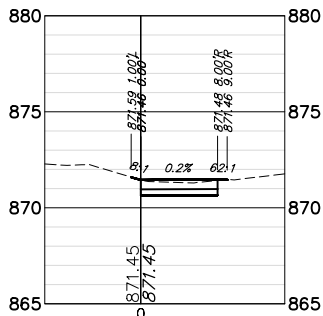
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STA: 11+50

CUT: 5.5 SF  
FILL: 0.2 SF



STA: 12+25

CUT: 2.4 SF  
FILL: 0.0 SF

FILE NAME = 4668-000-PR5.dwg

USER NAME = BRIAN WESOLOWSKI

DESIGNED -

REVISED -

DRAWN - PCL

REVISED -

PLOT SCALE = 1" = .1667'

CHECKED - BJW

REVISED -

PLOT DATE = 2/28/2018

DATE - 3/5/18

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NORTH SIDEWALK ADA IMPROVEMENTS  
CROSS SECTIONS

SCALE SEE SCALE

SHEET NO. 21 OF 21 SHEETS

STA. 10+00 TO STA. 12+75

FA  
RTE

SECTION

COUNTY

TOTAL  
SHEETS

SHEET  
NO.

-

11-00076-00-SW

LAKE

21

21

-

CONTRACT #

61E81

ILLINOIS FED. AID PROJECT