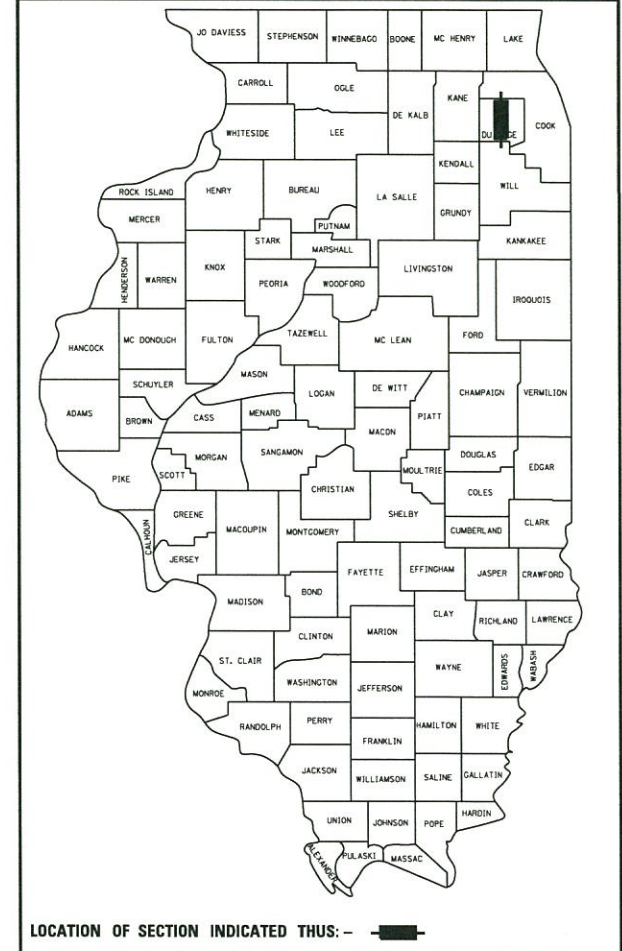


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	1

ILLINOIS CONTRACT NO. 61E35
79 + 2 = 81 sheets



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

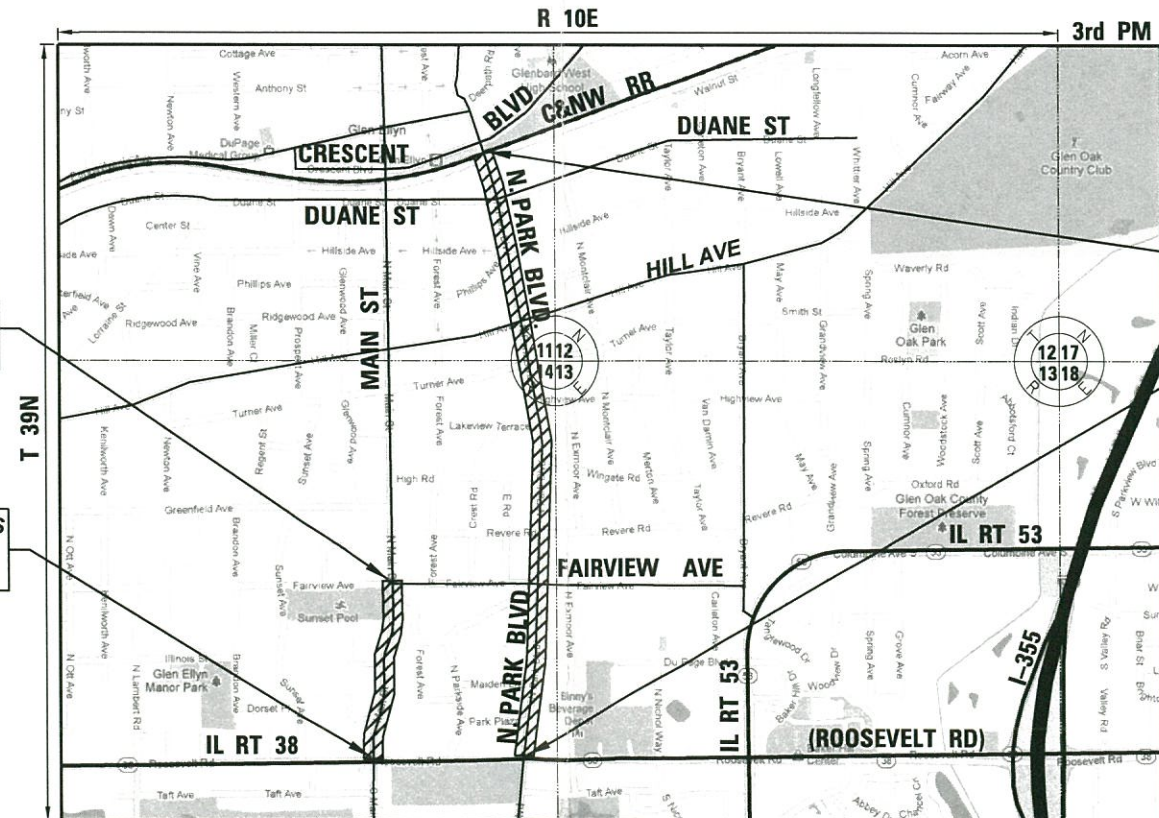
PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

**FAU 2580 (PARK BOULEVARD)
ROOSEVELT ROAD (IL ROUTE 38)
TO CRESCENT BOULEVARD
SECTION 16-00081-00-PV
PROJECT NUMBER: 9V1A(115)
VILLAGE OF GLEN ELLYN
DUPAGE COUNTY
C-91-215-16**

**FAU 2581 (MAIN STREET)
ROOSEVELT ROAD (IL ROUTE 38)
TO FAIRVIEW AVENUE**

**FAU 2580 (PARK BOULEVARD)
1438(33) MAJOR COLLECTOR 0.54 (FD-20)
ADT: 13,500 (2013)
ADT: 15,000 (2040)
POSTED SPEED: 30 MPH
DESIGN SPEED: 35 MPH**

**FAU 2581 (MAIN STREET)
MINOR ARTERIAL
ADT: 6,450 (2016)
POSTED SPEED: 30 MPH
DESIGN SPEED: 30 MPH**

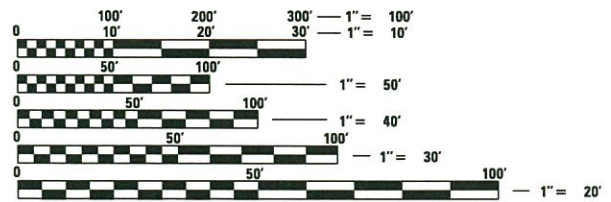


PROJECT ENDS
STA. 20+14
N. MAIN STREET

PROJECT BEGINS
STA. 2+12
N. MAIN STREET

PROJECT ENDS
STA. 155+63
N. PARK BLVD

PROJECT BEGINS
STA. 91+93
N. PARK BLVD



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
CALL 811

Know what's below.
Call before you dig.

MILTON TOWNSHIP LOCATION MAP (SCALE 1" = 1000')
SE 1/4 SEC. 11, E 1/2 SEC. 14, T39N, R 10E

PARK BOULEVARD GROSS AND NET LENGTH OF PROJECT = 6,375 FEET (1.207 MILES)
MAIN STREET GROSS AND NET LENGTH OF PROJECT = 1,802 FEET (0.341 MILES)
TOTAL GROSS AND NET LENGTH OF PROJECT = 8,177 FEET (1.549 MILES)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 10/12/2017
Chris Holt
VILLAGE OF GLEN ELLYN, PROFESSIONAL ENGINEER

PASSED DECEMBER 12, 2017
Christopher Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW DECEMBER 13, 2017
Anthony J. Quigley/ABS
REGIONAL ENGINEER

DATE: 10/12/17

Timothy V. Weidner
TIMOTHY V. WEIDNER

LICENSE
EXPIRES: NOVEMBER 30, 2019

SHEETS: 1-79

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
Phone: (630) 466-6700

INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND LEGEND
3	GENERAL NOTES
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10-12	TYPICAL SECTIONS - MAIN STREET
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15	ALIGNMENT, TIES, AND BENCHMARKS
16-17	REMOVAL PLAN - PARK BOULEVARD
18-21	PLAN AND PROFILE - PARK BOULEVARD
22-26	PROPOSED PLAN - PARK BOULEVARD
27-28	PROPOSED PLAN - MAIN STREET
29-33	TRAFFIC CONTROL AND STAGING PLAN - PARK BOULEVARD
34-35	LANDSCAPE AND EROSION CONTROL PLANS
36-39	STORM SEWER PLAN AND PROFILE
40	STORM SEWER SCHEDULE
41-44	WATER AND SANITARY PLAN AND PROFILE
45	WATER MAIN CONNECTION DETAILS
46	PARK BOULEVARD AND HILL AVENUE INTERSECTION DETAIL
47-48	PARK BOULEVARD PAVEMENT MARKING AND SIGNING PLAN
49-52	SPECIAL DETAILS
53	DISTRICT ONE DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15' (BD-02)
54	DISTRICT ONE FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
55	DISTRICT ONE CURB OR CURB & GUTTER REMOVAL AND REPLACEMENT (BD-24)
56	DISTRICT ONE BUTT JOINTS AND HMA TAPER DETAIL (BD-32)
57	DISTRICT ONE PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER (BD-48)
58	DISTRICT ONE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)
59	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
60	DISTRICT ONE SHORT TERM PAVEMENT MARKING, LETTER AND SYMBOLS (TC-16)
61	DISTRICT ONE ARTERIAL ROAD INFORMATION SIGN (TC-22)
62	DISTRICT ONE DRIVEWAY ENTRANCE SIGNING (TC-26)
63	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING (TS-07)
64-79	CROSS SECTIONS

IDOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424026-02	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN TYPE A
602301-04	INLET - TYPE A
602401-04	MANHOLE TYPE A
602501-03	VALVE VAULT TYPE A
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604016-04	FRAME AND GRATE TYPE 4
606001-07	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15'(4.5M) TO 24'(600MM) FROM EDGE OF ROADWAY
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
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS

SUPPLEMENTAL LEGEND

SEE IDOT HIGHWAY STANDARD 000001-06 FOR ADDITIONAL INFORMATION

	PAVEMENT REMOVAL
	PATCHING
	HOT-MIX ASPHALT SURFACE REMOVAL
	EXISTING CONCRETE CURB AND GUTTER, DRIVEWAY PAVEMENT AND SIDEWALK TO BE REMOVED
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	PROPOSED CURB OR CURB & GUTTER
	EXISTING CURB OR CURB & GUTTER

REMOVAL NOTATION

	DENOTES STRUCTURE TO BE REMOVED
	TREE REMOVAL
	TREE TRUNK PROTECTION AND TREE ROOT PRUNING

PAVEMENT DESIGN INFORMATION

PARK BOULEVARD
HOT-MIX ASPHALT PAVEMENT
CLASS II
80,000 LB
FOUR LANE URBAN
2028 ADT 14,357
PV 14,030 (98.0%)
SU 215 (1.5%)
MU 72 (0.5%)
TF = 0.54
SSR POOR
AC MIX TEMP 77.0°
PG 64-28
MODULUS 625 KSI
THICKNESS REQUIRED = 8.75"
THICKNESS PROVIDED = 10.25"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
INDEX OF SHEETS, HIGHWAY STANDARDS, AND LEGEND

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV		79	2
2581			CONTRACT NO. 61E35	

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

ILLINOIS FED. AID PROJECT

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

GENERAL NOTES

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ANY REFERENCE TO "STANDARD SPECIFICATIONS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED APRIL 1, 2016, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE ABOVE REFERENCED STANDARDS, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," LATEST EDITION, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION AND REVISIONS THERETO, THE CODES AND ORDINANCES OF THE VILLAGE OF GLEN ELLYN, ILLINOIS, THE DETAILS IN THE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

NO SUBSTITUTIONS OR VARIANCES WILL BE PERMITTED TO ANY STANDARD NOTES OR ORDINANCES UNLESS APPROVED OTHERWISE IN WRITING PRIOR TO COMMENCING CONSTRUCTION ACTIVITY.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS AND THE PLANS.

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE OWNER IF ANY UTILITY IMPROVEMENTS ARE REQUIRED WITHIN THE DURATION OF THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

ONLY VILLAGE WATER DIVISION PERSONNEL SHALL OPERATE ANY VALVES OR HYDRANTS.

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, THE OWNER'S AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE BACK OF CURB, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN AT POINTS OF CURVE, ETC., ARE TOP OF CURB UNLESS OTHERWISE NOTED.

STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS:

A) STRUCTURES FALLING IN THE CURB LINE ARE MEASURED TO THE BACK OF CURB

B) ALL OTHER STRUCTURES ARE MEASURED TO THE CENTER OF THE STRUCTURE

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, ETC., ARE FROM THE PROPOSED CENTERLINE AS SHOWN ON THE PLANS.

DRAINAGE AND PUBLIC UTILITIES

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED. ALL FINAL ADJUSTMENTS OF FRAMES WILL BE ACCOMPLISHED BY THE USE OF CONCRETE ADJUSTING RINGS SET IN BUTYL ROPE JOINT SEALANT; MORTAR JOINTS WILL NOT BE ALLOWED. HEIGHT OF ADJUSTING RINGS SHALL NOT EXCEED EIGHT INCHES (8").

ALL STORM SEWERS SHALL BE RCCP CLASS IV, UNLESS NOTED OTHERWISE ON THE PLANS.

BACKFILL

ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER, SANITARY SEWER, AND WATER MAIN HAVE BEEN COMPUTED IN ACCORDANCE WITH THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE.

STORM SEWER, SANITARY SEWER, AND WATER MAIN SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY, OR AS DIRECTED BY THE ENGINEER, WITH THE FOLLOWING MODIFICATIONS.

INITIAL TRENCH BACKFILL SHALL BE CA-7. FINAL TRENCH BACKFILL SHALL BE GRADATION CA-6. THE FINAL TRENCH BACKFILL SHALL BE PLACED IN 8" LIFTS AND SHALL BE COMPACTED IN PLACE TO NINETY FIVE PERCENT (95%) OF MAXIMUM DENSITY AT OPTIMUM MOISTURE AS DETERMINED BY THE MODIFIED PROCTOR TEST.

SIGNS

ALL SIGNS SHALL BE ERECTED IN STRICT CONFORMANCE WITH SECTION 720 OF THE STANDARD SPECIFICATIONS AND BY STATE PREGOALIFIED CONTRACTOR PERSONNEL SUCH AS A SUBCONTRACTOR THAT SPECIALIZES IN TRAFFIC CONTROL AND SIGN PLACEMENT. TO VERIFY THIS OPERATION IS PERFORMED CORRECTLY THERE WILL BE A WALK THROUGH FIELD MEETING ON THE JOB SITE WITH THE ENGINEER, COUNTY AND STATE PERSONNEL AS PART OF THE OVERALL PUNCH LIST.

ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:

- SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SIGNS THAT INTERFERE WITH THEIR WORK DURING CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING. THE SIGNS MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED.
- ALL SIGNS SHALL BE INSTALLED OR RELOCATED IN PERMANENT LOCATIONS AS SHOWN ON THE PLANS ONCE THE ROADWAY IS COMPLETED.
- ALL REMOVED SIGNS WILL BE RETURNED TO 30 SOUTH LAMBERT ROAD, GLEN ELLYN, ILLINOIS, AS APPLICABLE.
- LONGER POSTS MAY BE REQUIRED AT TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN HEIGHT.

MISCELLANEOUS

THE THICKNESS OF ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE ASPHALT MIXTURES ARE TO BE PLACED.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, PCC SIDEWALK IN ACCORDANCE WITH ARTICLE 420.21 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

AN "S" OR "W" SHALL BE STAMPED IN PCC CURB AND GUTTER IN LINE WITH B-BOXES AND CLEANOUTS IN THE PARKWAY.

OPEN EXCAVATIONS SHALL BE SECURELY FENCED TO PREVENT UNAUTHORIZED ENTRY DURING NON-WORKING HOURS.

WHEN REMOVING CURB AND GUTTER, OR ANY OTHER STRUCTURES, THE USE OF ANY CONCRETE BREAKERS WHICH MIGHT DAMAGE THE UNDERGROUND PUBLIC OR PRIVATE UTILITIES, OR CAUSE DAMAGE TO PUBLIC OR PRIVATE STRUCTURES, WILL NOT BE PERMITTED.

TO PROTECT EXISTING TREES AND UTILITY POLES, THE CONTRACTOR SHALL HAND FORM CURB AND GUTTER AT LOCATIONS DIRECTED BY THE ENGINEER.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT.

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

THE CONTRACTOR SHALL PREPARE THE SUBGRADE IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS PRIOR TO THE REMOVAL OF ANY UNSTABLE MATERIALS.

THE ENGINEER AND VILLAGE ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR FOR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

DRIVEWAY PAVEMENT REMOVAL SHALL INCLUDE REMOVAL OF ALL EXISTING PAVEMENT WHETHER ASPHALT, CONCRETE OR SOIL TO THE DEPTH REQUIRED FOR INSTALLATION OF THE NEW DRIVEWAY.

THE REMOVAL DEPTH OF HOT-MIX ASPHALT SURFACE REMOVAL, 3" SHALL BE 3" AS MEASURED AT THE FLAG OF THE CURB AND GUTTER

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE UNION PACIFIC RAILROAD COMPANY WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD RIGHT-OF-WAY. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE UNION PACIFIC RAILROAD COMPANY TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05

CONTACT PACE AT LEAST 2 WEEKS IN ADVANCE OF ALL CHANGES IN TRAFFIC CONFIGURATION FOR COORDINATION PURPOSES. THE CONTACT IS STEVEN WEINSTOCK AT (847) 228-2339 OR STEVEN.WEINSTOCK@PACEBUS.COM

THE CONTRACTOR SHALL COORDINATE WORK WITH THE CONTRACTOR OF THE ROOSEVELT ROAD RESURFACING PROJECT (CONTRACT 62F28), ANTICIPATED TO TAKE PLACE IN 2018 DIRECTLY ADJACENT TO THE PROJECT.

Plot: 1/3/2018 10:10:10 AM By: jschmidt

Engineering Enterprises, Inc.
CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeieeb.com

VILLAGE OF GLEN ELLYN
535 DUANE STREET
GLEN ELLYN, IL 60137

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
GENERAL NOTES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	3
2581				CONTRACT NO. 61E35

Path: \\S05KFR01\G17201\Drawn\Eng\G17201-Cvr.dgn

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	PARK BOULEVARD STA 91+88 TO 110+51 75% FEDERAL 25% LOCAL 0004	PARK BOULEVARD STA 110+51 TO 155+63 75% FEDERAL 25% LOCAL 0005	MAIN STREET STA 2+12 TO 20+14 75% FEDERAL 25% LOCAL 0005	TRAINEES 75% FEDERAL 25% LOCAL 0042	UTILITIES 100% LOCAL 0043
2010010	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	7	7				
2010020	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	33	33				
2010100	TREE TRUNK PROTECTION	EACH	123	39	84			
20101200	TREE ROOT PRUNING	EACH	123	39	84			
20200100	EARTH EXCAVATION	CU YD	5,042	4,658	184			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,991	1,991				
20800150	TRENCH BACKFILL	CU YD	5,579	289				5,290
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	8,635	8,101	534			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3,759	2,242	1,231	286		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	21	4	16	1		
25000900	PHOSPHORUS FERTILIZER NUTRIENT	POUND	21	4	16	1		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	21	4	16	1		
25200100	SODDING	SQ YD	3,759	2,242	1,231	286		
25200200	SUPPLEMENTAL WATERING	UNIT	101	101				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	16	16				
28000305	TEMPORARY DITCH CHECKS	FOOT	10	10				
28000400	PERIMETER EROSION BARRIER	FOOT	105	105				
28000510	INLET FILTERS	EACH	77	32	29	16		
30300007	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,991	1,991				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	8,662	8,128	534			
35101400	AGGREGATE BASE COURSE, TYPE B	TON	808	399	337	72		
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	10	10				
40600200	BITUMINOUS MATERIALS (TACK COAT)	POUND	18,684	4,790	8,880	5,014		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	35		25	10		
40600627	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,033		721	312		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	308	89	129	80		
40600990	TEMPORARY RAMP	SQ YD	300	300				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-10.0, N70	TON	3,287	3,179	118			
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	702			702		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,652	694	1,658			
42000318	PORTLAND CEMENT CONCRETE PAVEMENT 8 3/4" (JOINTED)	SQ YD	200		200			
42001300	PROTECTIVE COAT	SQ YD	2,214	2,214				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	550	511		39		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	290	290				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	22,679	8,876	11,400	2,403		
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	3,223	1,710	1,220	283		
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1,248	1,248				
42400900	DETECTABLE WARNINGS	SQ FT	918	288	520	110		
44000100	PAVEMENT REMOVAL	SQ YD	7,213	6,750	463			
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	18,480		12,660	5,570		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,086	1,047		39		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,925	3,925				
44000600	SIDEWALK REMOVAL	SQ FT	24,791	10,003	12,397	2,391		
44004250	PAVED SHOULDER REMOVAL	SQ YD	55		55			
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	132		132			
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	155		132	23		

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	PARK BOULEVARD STA 91+88 TO 110+51 75% FEDERAL 25% LOCAL 0004	PARK BOULEVARD STA 110+51 TO 155+63 75% FEDERAL 25% LOCAL 0005	MAIN STREET STA 2+12 TO 20+14 75% FEDERAL 25% LOCAL 0005	TRAINEES 75% FEDERAL 25% LOCAL 0042	UTILITIES 100% LOCAL 0043
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	300		132	168		
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	590		339	251		
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	59	59				
46300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	55		55			
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	637	637				
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	61	61				
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	26	26				
550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	28		38			
550B0080	STORM SEWERS, CLASS B, TYPE 1 16"	FOOT	150		150			
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	257		257			
550B0370	STORM SEWERS, CLASS B, TYPE 2 16"	FOOT	204		204			
55100500	STORM SEWER REMOVAL 12"	FOOT	46	46				
55106010	STORM SEWER INSTALLATION 6"	FOOT	12	12				
56100500	WATER MAIN 4"	FOOT	20					20
56100600	WATER MAIN 6"	FOOT	95					95
56100700	WATER MAIN 8"	FOOT	2,009					2,009
56100900	WATER MAIN 12"	FOOT	123					123
56104900	WATER VALVES 6"	EACH	1					1
56105000	WATER VALVES 8"	EACH	9					9
56105200	WATER VALVES 12"	EACH	2					2
56200500	WATER SERVICE LINE 1 1/2"	FOOT	77					77
56200700	WATER SERVICE LINE 2"	FOOT	20					20
56400300	FIRE HYDRANTS TO BE REMOVED	EACH	3					3
60107600	PIPE UNDERDRAINS 4"	FOOT	160	160				
60202405	CATCH BASINS, TYPE A, 4'-DIAMETER	EACH	9	9				
60202020	MANHOLES, TYPE A, 4'-DIAMETER	EACH	11	11				
60238800	INLETS, TYPE A	EACH	15	15				
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER TYPE 1 FRAME, CLOSED LID	EACH	10					10
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	26	4	19	7		
60263100	INLETS TO BE ADJUSTED	EACH	9	3	4	2		
60260500	INLETS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	27		19	8		
60260600	INLETS TO BE ADJUSTED WITH NEW TYPE 4 FRAME AND GRATE	EACH	4		3	1		
60260900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	15		12	3		
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3		3			
60300410	VALVE BOX FRAMES TO BE ADJUSTED WITH NEW FRAMES	EACH	2			2		
60500060	REMOVING INLETS	EACH	6	6				
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	3,993	3,993				
61139900	STORM SEWERS (SPECIAL) 6"	FOOT	825	825				
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	260	380				
67100100	MOBILIZATION	L SUM	1	0.5	0.2	0.1		0.2
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	100	100				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,054		1,485	609		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	442		387	55		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	125	125				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	7,026	7,026				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	580	580				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
SUMMARY OF QUANTITIES

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

F.A.U. RTE. 2580	SECTION 16-00081-00-PV	COUNTY DUPAGE	TOTAL SHEETS 79	SHEET NO. 4
2581	CONTRACT NO. 61E35		ILLINOIS FED. AID PROJECT	

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SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	PARK BOULEVARD STA 91+88 TO 110+51 75% FEDERAL 25% LOCAL 0004	PARK BOULEVARD STA 110+51 TO 155+63 75% FEDERAL 25% LOCAL 0005	MAIN STREET STA 2+12 TO 20+14 75% FEDERAL 25% LOCAL 0005	TRAINEES 75% FEDERAL 25% LOCAL 0042	UTILITIES 100% LOCAL 0043
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	246	246				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	146	146				
72000100	SIGN PANEL - TYPE 1	SQ FT	14		14			
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2				
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	33		33			
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	241	125	62	54		
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	14,250	3,326	7,694	3,230		
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,521	588	548	385		
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,028	342	672	114		
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	342	150	161	31		
78008230	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"	FOOT	90		90			
78008250	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"	FOOT	84		84			
78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	28		26	12		
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	10	10				
84200804	REMOVAL OF POLE FOUNDATION	EACH	2	2				
88600600	DETECTOR LOOP REPLACEMENT	FOOT	334	209		125		
A2000200	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2 1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1				
A2000519	TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	1	1				
B2000320	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	1	1				
X0300558	SANITARY SEWER REMOVAL AND REPLACEMENT 8"	FOOT	50					50
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	3	3				
X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1				
X0324636	WATER VALVE BOXES TO BE ABANDONED	EACH	6					6
X0325287	TELEVISION INSPECTION OF SEWER	FOOT	9,022					9,022
X0327037	SPECIAL GRATE NO. 1	EACH	14	14				
X0327058	SPECIAL GRATE NO. 2	EACH	2	2				
X0327084	VALVE BOX 6"	EACH	2					2
X0327690	TELEVISION INSPECTION OF SEWER, SPECIAL	FOOT	6,548	6,548				
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	260	260				
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,900	1,900				
X1200015	VALVE VAULTS TO BE ABANDONED	EACH	3					3
X1200036	SANITARY SERVICE CLEANOUT	EACH	11					11
X2090215	SELECT GRANULAR BACKFILL SPECIAL	CU YD	100	30				70
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	160	100				60
X4021600	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	28	28				
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	13	13				
X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	6				
X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	3,910					3,910
X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	50					50
X5610708	WATER MAIN REMOVAL, 8"	FOOT	95					95
X5610712	WATER MAIN REMOVAL, 12"	FOOT	102					102
X5620035	WATER SERVICE CONNECTION 1 1/2"	EACH	37					37

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	PARK BOULEVARD STA 91+88 TO 110+51 75% FEDERAL 25% LOCAL 0004	PARK BOULEVARD STA 110+51 TO 155+63 75% FEDERAL 25% LOCAL 0005	MAIN STREET STA 2+12 TO 20+14 75% FEDERAL 25% LOCAL 0005	TRAINEES 75% FEDERAL 25% LOCAL 0042	UTILITIES 100% LOCAL 0043
X5620040	WATER SERVICE CONNECTION 2"	EACH	2					2
X5620120	INSTALL WATER SERVICE COMPLETE	EACH	39					39
X5630004	CUT AND CAP EXISTING 4" WATER MAIN	EACH	1					1
X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	4					4
X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	4					4
X5630012	CUT AND CAP EXISTING 12" WATER MAIN	EACH	2					2
X5630704	CONNECTION TO EXISTING WATER MAIN 4"	EACH	1					1
X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	5					5
X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	2					2
X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	2					2
X5640150	FIRE HYDRANT ASSEMBLY COMPLETE	EACH	6					6
X8022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LD	EACH	3					3
X8026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LD	EACH	33	12	16	5		
X8026057	SANITARY MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LD	EACH	2	2				
X8026622	VALVE VAULTS TO BE REMOVED	EACH	2					2
X8026632	VALVE BOXES TO BE REMOVED	EACH	1					1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.2	0.1		0.2
X7015005	CHANGEABLE MESSAGE SIGN	CAL DAY	270	150	60	60		
X8440120	REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	1	1				
X0000717	STORM SEWER CONNECTION, SPECIAL	EACH	30					30
X0001366	SANITARY SEWERS, PVC, 5"	FOOT	30					30
X0001621	BRICK PAVER REMOVAL	SQ FT	774	774				
X0003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1					1
X0003803	SANITARY SEWER SERVICE 6"	FOOT	605					605
X0006453	6" PVC SEWER SERVICE PIPE REPAIR ACROSS TRENCH	FOOT	40					40
X0006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	415	180	197	48		
X0007031	FRAME AND GRATE, SPECIAL	EACH	18	18				
X0007985	SPECIAL FRAME, CLOSED LD	EACH	3	3				
X0008195	EXPLORATION EXCAVATION (UTILITY)	FOOT	55					55
X0008362	SANITARY SEWER SERVICE TEE	EACH	11					11
Z0001110	GAS VALVE TO BE ADJUSTED	EACH	1		1			
Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	116	27		68		
Z0004544	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SQ YD	170	62		69		
Z0004562	COMBRATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	3,352		3,062	290		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.2	0.1		0.2
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	154	154				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1			
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	21					21
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	21					21
Z0056900	SANITARY SEWER 8"	FOOT	62					62
Z0056900	SANITARY SEWER, SPECIAL	FOOT	41					41
Z0079800	TRAINEES	HOOR	500				500	
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	500				500	

Δ - INDICATES SPECIALTY ITEM
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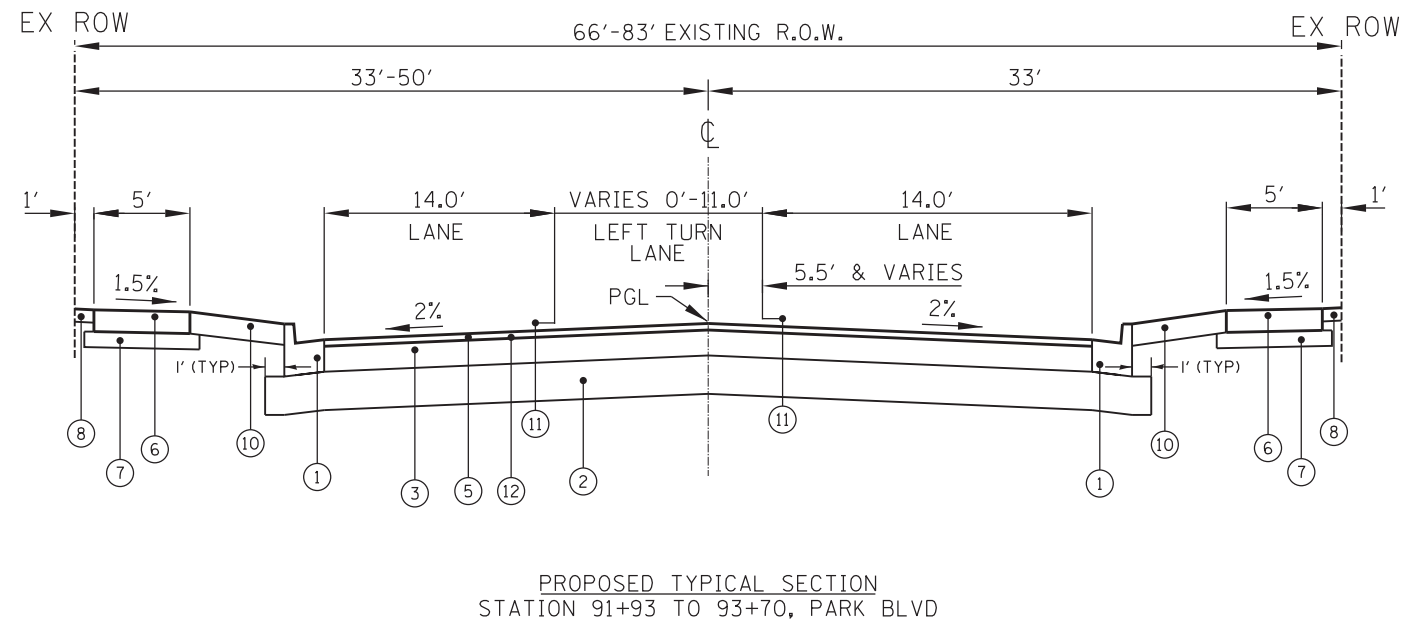
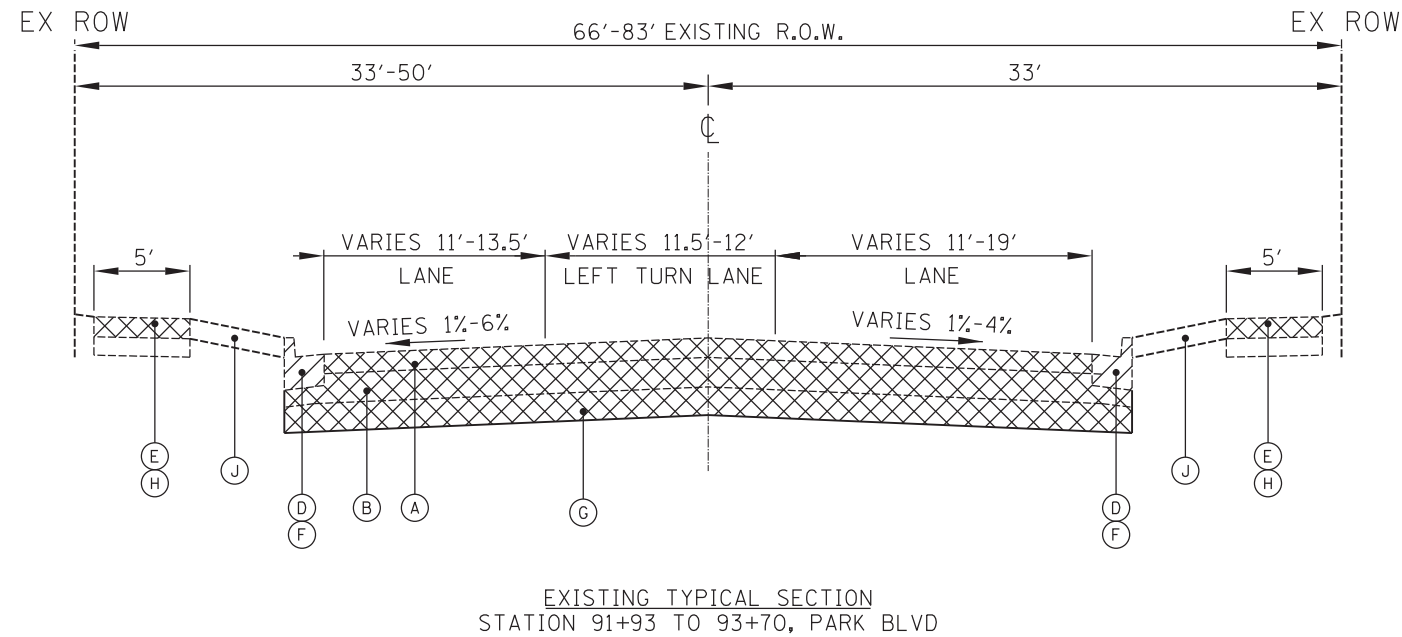
**PARK BOULEVARD
SUMMARY OF QUANTITIES**

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

F.A.U. RTE. 2580	SECTION 16-00081-00-PV	COUNTY DUPAGE	TOTAL SHEETS 79	SHEET NO. 5
2581			CONTRACT NO. 61E35	
ILLINOIS FED. AID PROJECT				

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- EXISTING LEGEND**
- (A) EXISTING 8" ASPHALT PAVEMENT
 - (B) EXISTING 10" AGGREGATE BASE
 - (C) EXISTING CONCRETE BASE
 - (D) EXISTING CONCRETE CURB AND GUTTER
 - (E) EXISTING SIDEWALK
 - (F) CURB REMOVAL
 - (G) EARTH EXCAVATION
 - (H) SIDEWALK REMOVAL - SPOT REPAIR / LOCATIONS VARY
 - (I) HOT-MIX ASPHALT SURFACE REMOVAL, 3"
 - (J) EXISTING PAVERS

- PROPOSED LEGEND**
- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - (2) AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
 - (4) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
 - (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2-1/4"
 - (6) PORTLAND CEMENT CONCRETE SIDEWALK - SPOT REPAIR / LOCATIONS VARY
 - (7) AGGREGATE BASE COURSE, TYPE B - SPOT REPAIR / LOCATIONS VARY
 - (8) TOPSOIL, 4", SOD, FERTILIZER
 - (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 - SPOT REPAIR / LOCATIONS VARY
 - (10) PAVER REMOVAL AND REPLACEMENT
 - (11) PAVEMENT MARKING LINE (SEE PLANS)
 - (12) BITUMINOUS MATERIALS (TACK COAT)
- CLASS D PATCHES

PATCHING FOR NON-UTILITIES IN RESURFACING ONLY AREAS SHALL BE PERFORMED AFTER MILLING OPERATIONS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
OPERATION	MIXTURE TYPE	AIR VOIDS @ N _{des}
PARK BLVD RECONSTRUCTION	HMA BINDER COURSE, IL-19.0, N70, 8" (IN 3 LIFTS) HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 MM), 2-1/4"	4% @ 70 Gyr. 4% @ 70 Gyr.
PARK BLVD RESURFACING	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 MM), 2-1/4"	3.5% @ 50 Gyr. 4% @ 70 Gyr.
MAIN ST RESURFACING	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1" HMA SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 2-1/4"	4% @ 50 Gyr. 4% @ 50 Gyr.
DRIVEWAYS (HMA CE)	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT HMA BINDER COURSE, IL-19.0, N70, 4" (BOTTOM IN 1 LIFT) HMA SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 2" (TOP IN 1 LIFT) AGGREGATE BASE COURSE, TYPE B, 6"	4% @ 70 Gyr. 4% @ 50 Gyr.
DRIVEWAYS (HMA PE)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" HMA SURFACE COURSE, MIX "D", N50 (IL-9.5 MM), 3" (IN 2 LIFTS) AGGREGATE BASE COURSE, TYPE B, 6"	4% @ 50 Gyr.
PATCHING	CLASS D PATCHES, 8 INCH HMA BINDER, IL-19.0, 8" (IN 3 LIFTS) CLASS D PATCHES, 15 INCH HMA BINDER, IL-19.0, 13" (BOTTOM IN 4 LIFTS) HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 MM), 2" (TOP 1 LIFT)	4% @ 70 Gyr. 4% @ 70 Gyr. 4% @ 70 Gyr.

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

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

Plot: 1/15/2018 4:36:43 PM By: cjh/ach

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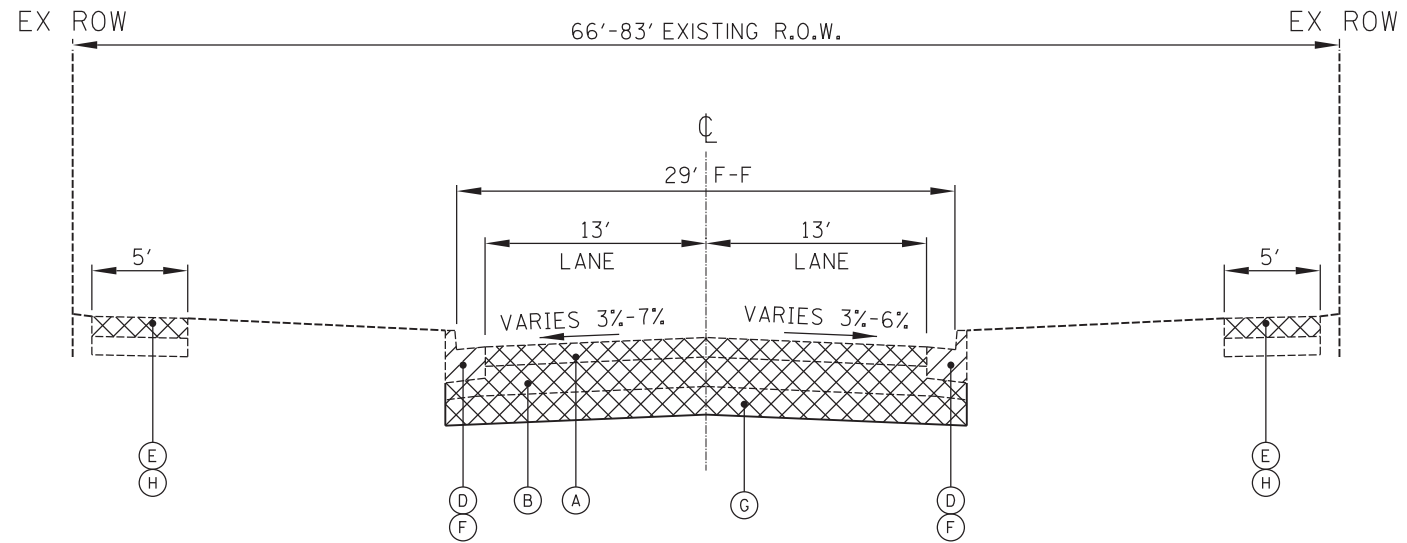
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**PARK BOULEVARD
TYPICAL SECTIONS**

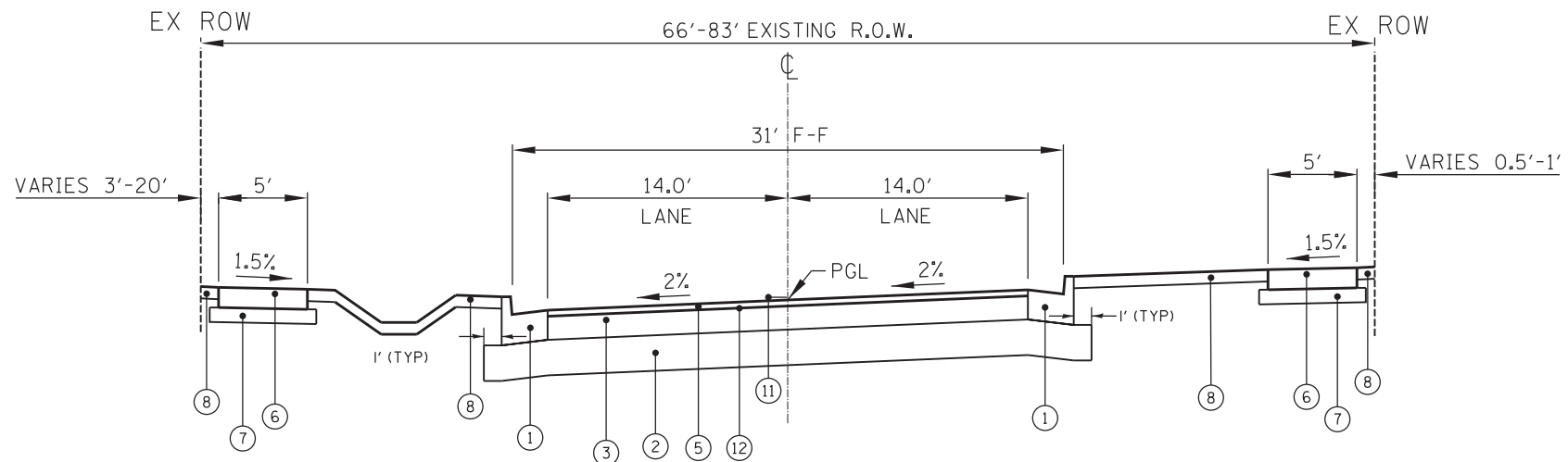
SCALE: N.T.S. SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	6
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT



EXISTING TYPICAL SECTION
STATION 93+70 TO 101+61, PARK BLVD



PROPOSED TYPICAL SECTION
STATION 93+70 TO 101+61, PARK BLVD

EXISTING LEGEND

- (A) EXISTING 6" ASPHALT PAVEMENT
- (B) EXISTING 9" AGGREGATE BASE
- (C) EXISTING CONCRETE BASE
- (D) EXISTING CONCRETE CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) CURB REMOVAL
- (G) EARTH EXCAVATION
- (H) SIDEWALK REMOVAL - SPOT REPAIR / LOCATIONS VARY
- (I) HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- (J) EXISTING PAVERS

PROPOSED LEGEND

- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (2) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- (4) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2-1/4"
- (6) PORTLAND CEMENT CONCRETE SIDEWALK - SPOT REPAIR / LOCATIONS VARY
- (7) AGGREGATE BASE COURSE, TYPE B - SPOT REPAIR / LOCATIONS VARY
- (8) TOPSOIL, 4", SOD, FERTILIZER
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 - SPOT REPAIR / LOCATIONS VARY
- (10) PAVER REMOVAL AND REPLACEMENT
- (11) PAVEMENT MARKING LINE, 4" DOUBLE YELLOW @ 11" O.C.
- (12) BITUMINOUS MATERIALS (TACK COAT)

CLASS D PATCHES

Plot: 1/15/2018 4:36:45 PM By: Cjohuch

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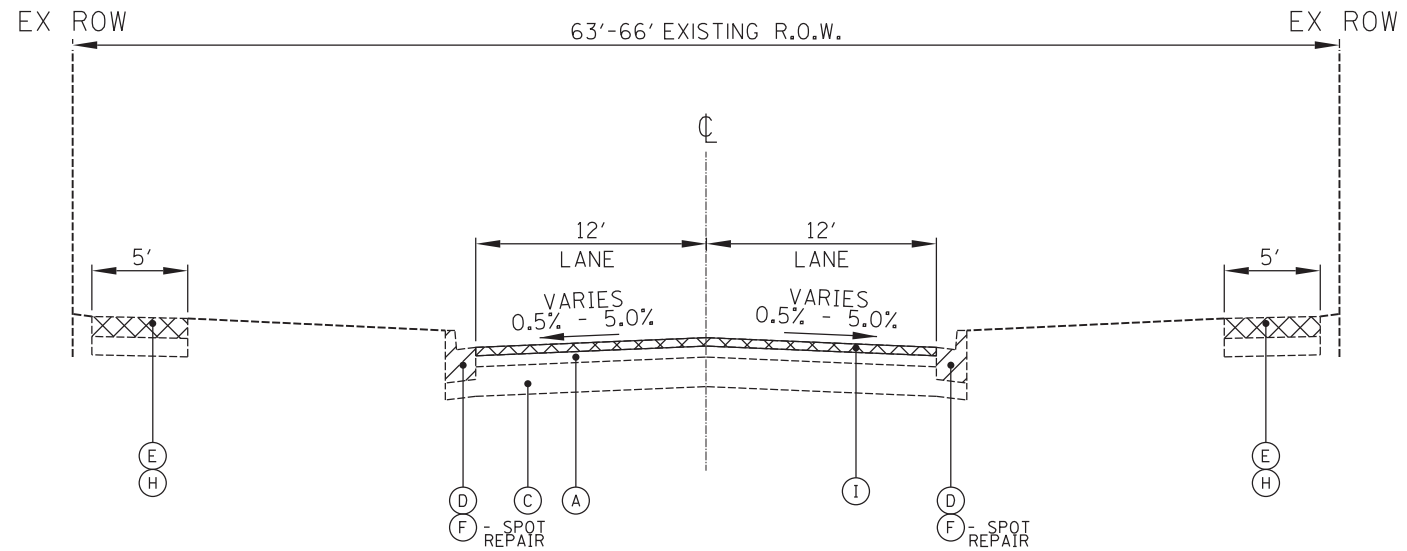
PARK BOULEVARD
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. TO STA.

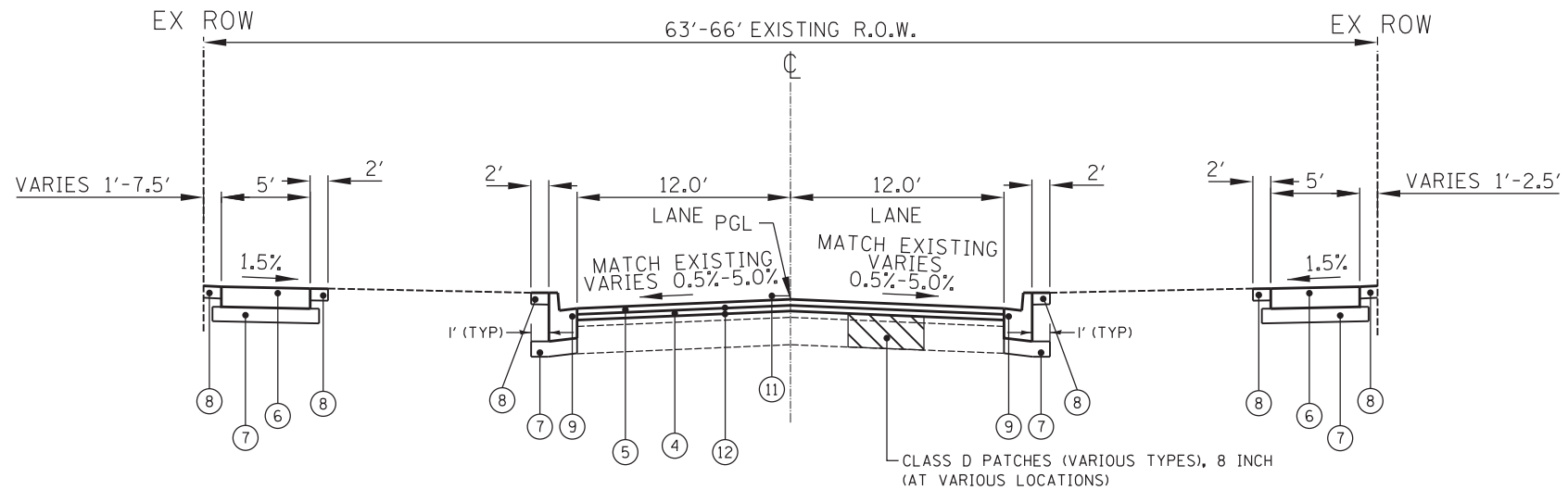
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	7
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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EXISTING TYPICAL SECTION
STATION 110+51 TO 155+63, PARK BLVD



PROPOSED TYPICAL SECTION
STATION 110+51 TO 155+63, PARK BLVD

EXISTING LEGEND

- (A) EXISTING 3" - 7 1/2" ASPHALT PAVEMENT
- (B) EXISTING AGGREGATE BASE
- (C) EXISTING 5" - 8" CONCRETE BASE
- (D) EXISTING CONCRETE CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) CURB REMOVAL
- (G) EARTH EXCAVATION
- (H) SIDEWALK REMOVAL - SPOT REPAIR / LOCATIONS VARY
- (I) HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- (J) EXISTING PAVERS

PROPOSED LEGEND

- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (2) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"
- (4) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2-1/4"
- (6) PORTLAND CEMENT CONCRETE SIDEWALK - SPOT REPAIR / LOCATIONS VARY
- (7) AGGREGATE BASE COURSE, TYPE B - SPOT REPAIR / LOCATIONS VARY
- (8) TOPSOIL, 4", SOD, FERTILIZER
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 - SPOT REPAIR / LOCATIONS VARY
- (10) PAVER REMOVAL AND REPLACEMENT
- (11) PAVEMENT MARKING LINE, 4" DOUBLE YELLOW @ 11" O.C.
- (12) BITUMINOUS MATERIALS (TACK COAT)



CLASS D PATCHES

Plot: 1/3/2018 10:10:30 AM By: jschmidt

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DEPARTMENT OF TRANSPORTATION

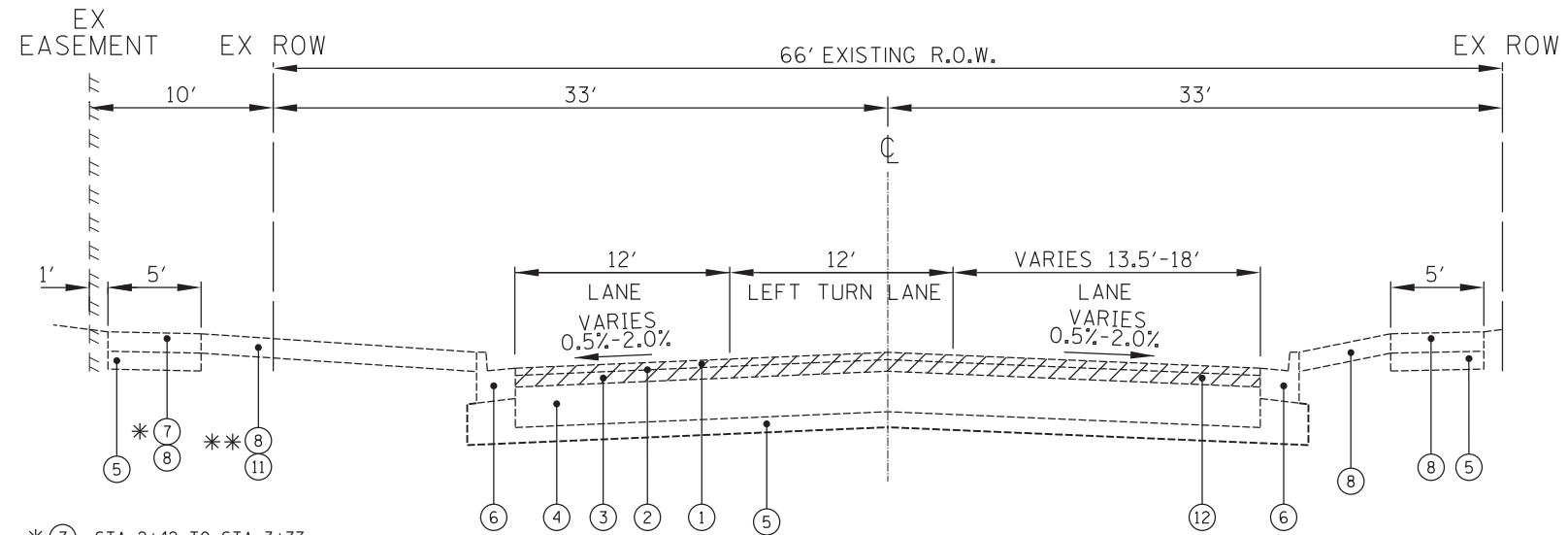
PARK BOULEVARD
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	9
2581	CONTRACT NO. 61E35			

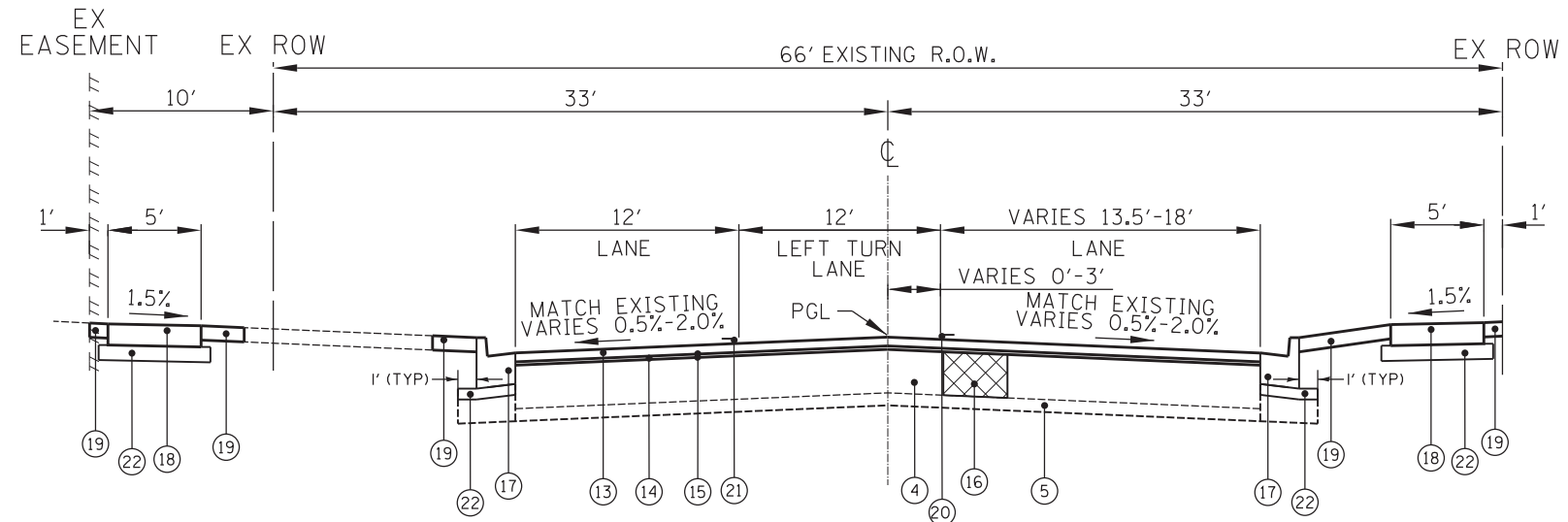
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- * (7) STA 2+42 TO STA 3+77
- (8) STA 2+12 TO STA 2+42
- ** (8) STA 2+12 TO STA 2+42
- (11) STA 2+42 TO STA 3+77

EXISTING TYPICAL SECTION
STATION 2+12 TO 3+77, MAIN STREET



PROPOSED TYPICAL SECTION
STATION 2+12 TO 3+77, MAIN STREET

EXISTING LEGEND

- (1) EXISTING 2" ASPHALT SURFACE COURSE
- (2) EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT
- (3) EXISTING 1" ASPHALT LEVEL BINDER COURSE
- (4) EXISTING 8" BITUMINOUS BASE COURSE
- (5) EXISTING 4" SUB-BASE GRANULAR MATERIAL, TYPE B
- (6) EXISTING B-6.18 (MODIFIED) COMBINATION CONCRETE CURB AND GUTTER
- (7) EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (8) EXISTING DECORATIVE BRICK PAVERS
- (9) EXISTING PCC DRIVEWAY
- (10) EXISTING HMA DRIVEWAY
- (11) EXISTING TURF GRASS
- (12) HOT-MIX ASPHALT SURFACE REMOVAL, 3"

PROPOSED LEGEND

- (13) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 1/4"
- (14) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- (15) BITUMINOUS MATERIALS (TACK COAT)
- (16) CLASS D PATCHES (VARIOUS TYPES), 8 INCH (AT VARIOUS LOCATIONS TO BE DIRECTED BY THE ENGINEER)
- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED). - SPOT REPAIR / LOCATIONS VARY TO BE DIRECTED BY THE ENGINEER
- (18) PORTLAND CEMENT CONCRETE SIDEWALK, 5" - SPOT REPAIR / LOCATIONS VARY TO BE DIRECTED BY THE ENGINEER
- (19) RESTORATION - SPOT REPAIR / LOCATIONS VARY TO BE DIRECTED BY THE ENGINEER (TOPSOIL, 4", SOD, FERTILIZER)
- (20) PAVEMENT MARKING LINE, 4" DOUBLE YELLOW @ 11" O.C.
- (21) PAVEMENT MARKING LINE, 6" WHITE
- (22) AGGREGATE BASE COURSE, TYPE B - SPOT REPAIR / LOCATIONS VARY



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CONSULTING ENGINEERS
52 Wheeler Road
Sugar Grove, Illinois 60554
630.466.6700 / www.eeinc.com

VILLAGE OF GLEN ELLYN
535 DUANE STREET
GLEN ELLYN, IL 60137

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CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

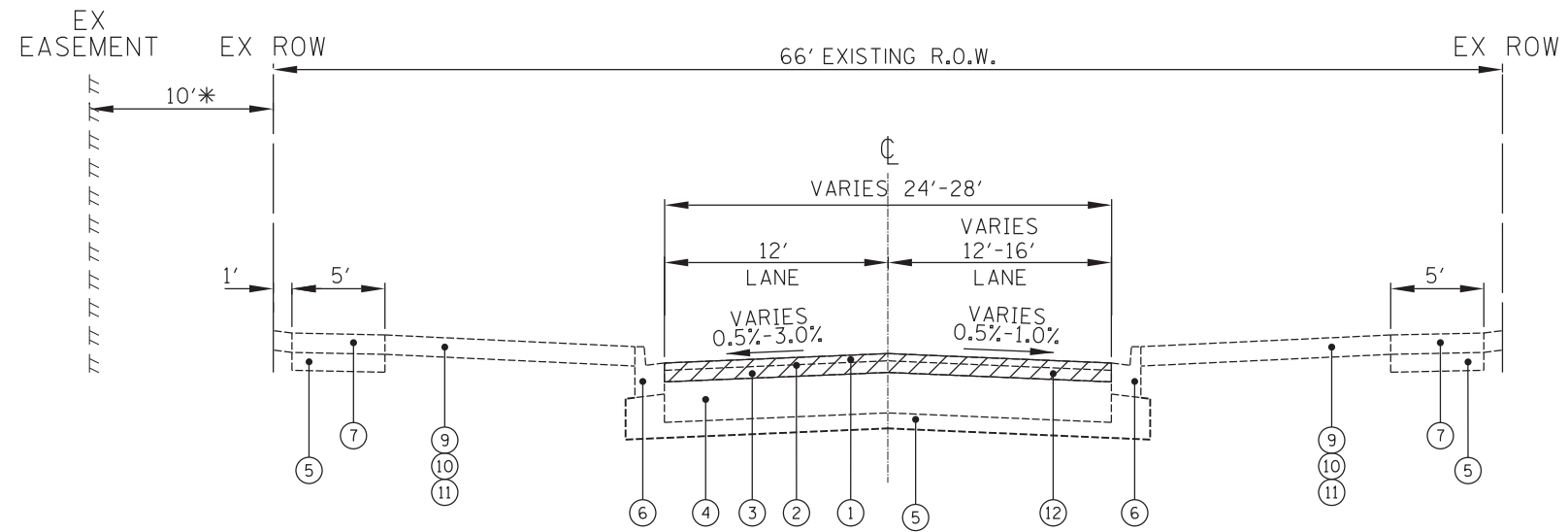
MAIN STREET
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 1 OF 3 1SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	10
2581	CONTRACT NO. 61E35			

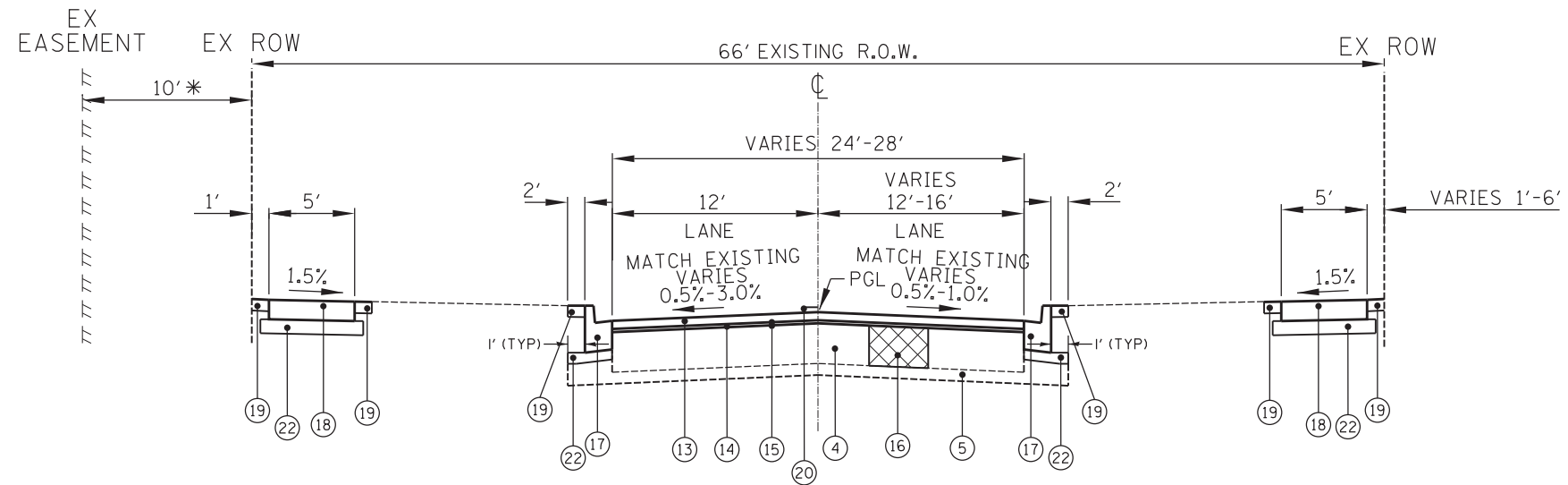
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* STA 3+77 TO STA 4+45

EXISTING TYPICAL SECTION
STATION 3+77 TO 5+65, MAIN STREET



PROPOSED TYPICAL SECTION
STATION 3+77 TO 5+65, MAIN STREET

EXISTING LEGEND

- ① EXISTING 2" ASPHALT SURFACE COURSE
- ② EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT
- ③ EXISTING 1" ASPHALT LEVEL BINDER COURSE
- ④ EXISTING 8" BITUMINOUS BASE COURSE
- ⑤ EXISTING 4" SUB-BASE GRANULAR MATERIAL, TYPE B
- ⑥ EXISTING B-6.18 (MODIFIED) COMBINATION CONCRETE CURB AND GUTTER
- ⑦ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- ⑧ EXISTING DECORATIVE BRICK PAVERS
- ⑨ EXISTING PCC DRIVEWAY
- ⑩ EXISTING HMA DRIVEWAY
- ⑪ EXISTING TURF GRASS
- ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 3"

PROPOSED LEGEND

- ⑬ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 1/4"
- ⑭ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- ⑮ BITUMINOUS MATERIALS (TACK COAT)
- ⑯ CLASS D PATCHES (VARIOUS TYPES), 8 INCH (AT VARIOUS LOCATIONS TO BE DIRECTED BY THE ENGINEER)
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED). - SPOT REPAIR / LOCATIONS VARY TO BE DIRECTED BY THE ENGINEER
- ⑱ PORTLAND CEMENT CONCRETE SIDEWALK, 5" - SPOT REPAIR / LOCATIONS VARY TO BE DIRECTED BY THE ENGINEER
- ⑲ RESTORATION - SPOT REPAIR / LOCATIONS VARY TO BE DIRECTED BY THE ENGINEER (TOPSOIL, 4", SOD, FERTILIZER)
- ⑳ PAVEMENT MARKING LINE, 4" DOUBLE YELLOW @ 11" O.C.
- ㉑ PAVEMENT MARKING LINE, 6" WHITE
- ㉒ AGGREGATE BASE COURSE, TYPE B - SPOT REPAIR / LOCATIONS VARY

- PAVEMENT REMOVAL
- CLASS D PATCHES

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DEPARTMENT OF TRANSPORTATION

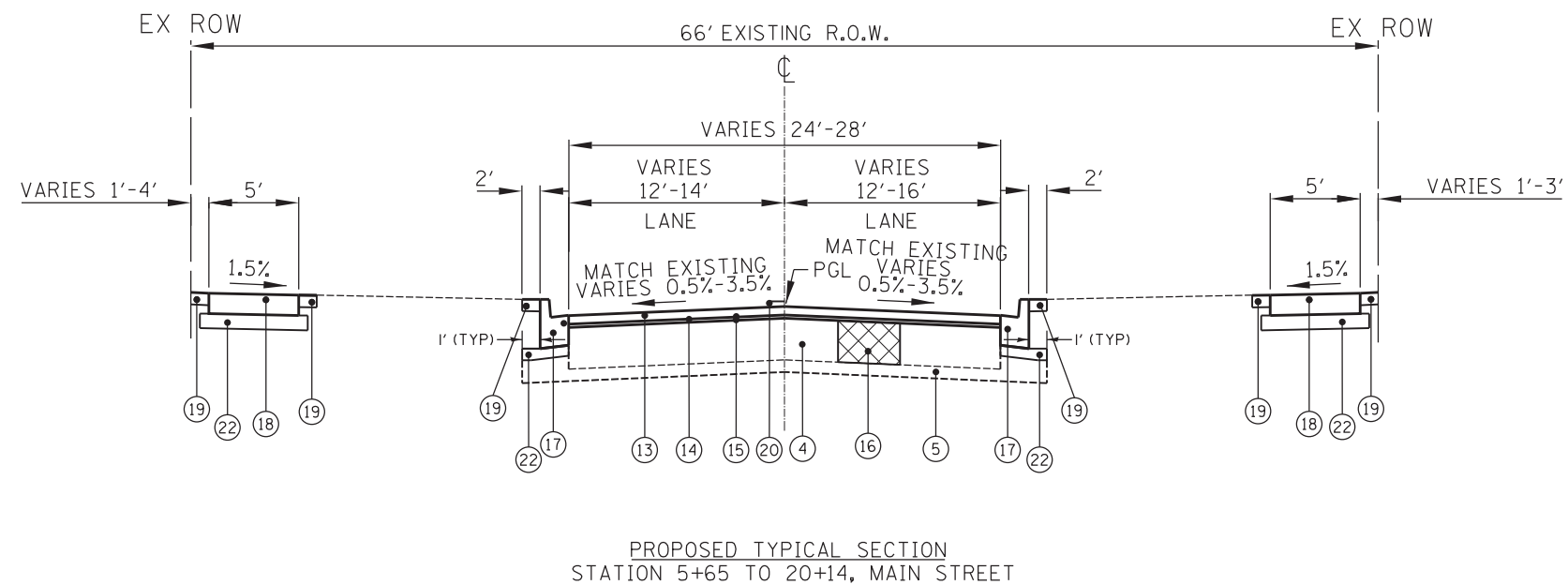
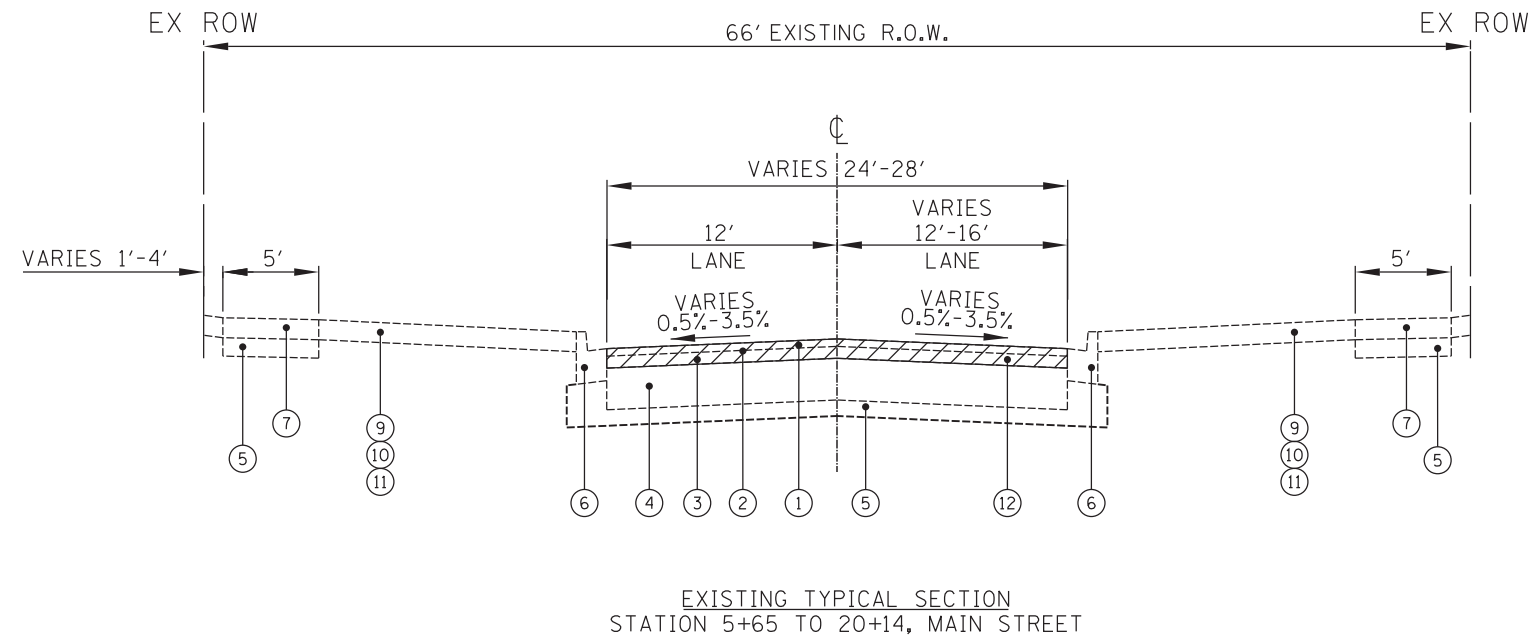
MAIN STREET
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 2 OF 3 SHEETS STA. TO STA.



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	11
2581	CONTRACT NO. 61E35			

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- EXISTING LEGEND**
- ① EXISTING 2" ASPHALT SURFACE COURSE
 - ② EXISTING AREA REFLECTIVE CRACK CONTROL TREATMENT
 - ③ EXISTING 1" ASPHALT LEVEL BINDER COURSE
 - ④ EXISTING 8" BITUMINOUS BASE COURSE
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 - ⑧ EXISTING DECORATIVE BRICK PAVERS
 - ⑨ EXISTING PCC DRIVEWAY
 - ⑩ EXISTING HMA DRIVEWAY
 - ⑪ EXISTING TURF GRASS
 - ⑫ HOT-MIX ASPHALT SURFACE REMOVAL, 3"

- PROPOSED LEGEND**
- ⑬ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 1/4"
 - ⑭ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
 - ⑮ BITUMINOUS MATERIALS (TACK COAT)
 - ⑯ CLASS D PATCHES (VARIOUS TYPES), 8 INCH (AT VARIOUS LOCATIONS TO BE DIRECTED BY THE ENGINEER)
 - ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (MODIFIED), - SPOT REPAIR / LOCATIONS VARY TO BE DIRECTED BY THE ENGINEER
 - ⑱ PORTLAND CEMENT CONCRETE SIDEWALK, 5" - SPOT REPAIR / LOCATIONS VARY TO BE DIRECTED BY THE ENGINEER
 - ⑲ RESTORATION - SPOT REPAIR / LOCATIONS VARY TO BE DIRECTED BY THE ENGINEER (TOPSOIL, 4", SOD, FERTILIZER)
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 - ㉑ PAVEMENT MARKING LINE, 6" WHITE
 - ㉒ AGGREGATE BASE COURSE, TYPE B - SPOT REPAIR / LOCATIONS VARY
-  PAVEMENT REMOVAL
 CLASS D PATCHES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	12
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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DATE -	REVISED -

SCHEDULE OF QUANTITIES

WATER MAIN AND APPURTENANCES

LOCATION	TRENCH BACKFILL CU YD	SELECT GRANULAR BACKFILL SPECIAL CU YD	WATER MAIN 4" FOOT	WATER MAIN 6" FOOT	WATER MAIN 8" FOOT	WATER MAIN 12" FOOT	WATER VALVES 6" EACH	WATER VALVES 8" EACH	WATER VALVES 12" EACH	PLANNED WATER SERVICE LINE 1.5" * FOOT	PLANNED WATER SERVICE LINE 2" ** FOOT	WATER SERVICE LINE 1.5' FOOT	WATER SERVICE LINE 2" FOOT	INSTALL WATER SERVICE COMPLETE EACH	DUCTILE IRON WATER MAIN FITTINGS POUNDS	VALVE BOX 6" EACH	EXPLOR TRENCH SPL FOOT	VV TA 5 DIA TIF CL EACH	CUT & CAP EX 4" WM EACH	CUT & CAP EX 6" WM EACH	CUT & CAP EX 8" WM EACH	CUT & CAP EX 12" WM EACH	EXISTING WATER MAIN REMOVAL 8" FOOT	EXISTING WATER MAIN REMOVAL 12" FOOT	ABANDON EXISTING WATER MAIN, FILL WITH CLSM FOOT	VALVE BOX TO BE REMOVED EACH	VALVE VAULTS TO BE REMOVED EACH	VALVE VAULTS TO BE ABANDONED EACH	WATER VALVE BOXES TO BE ABANDONED EACH	FIRE HYDRANTS TO BE REMOVED EACH	CONN TO EX W MAIN 4" EACH	CONN TO EX W MAIN 6" EACH	CONN TO EX W MAIN 8" EACH	CONN TO EX W MAIN 12" EACH	FIRE HYDNT ASSY COMP EACH	WATER MAIN PROTECTION FOOT	WATER SERVICE LINE 1.5" EACH	WATER SERVICE LINE 2" EACH		
91+93 TO 95+00	1044	12	35	334			1	1		193		19		6	905	1	15	1			1	1			50					2								2	21	6
95+00 TO 100+50	1424	24	35	672			4			100		10		5	1029		15	4			2	1						2		3	1		2	1		1	21	5		
100+50 TO 105+50	1249	18	25	525			2			280		28		14	466		15	2			1							1				1			2	41	14			
105+50 TO 110+51	1236	17	20	475	115		2	2		201		20		12	1510	1	15	3	1		2	2	95	102		1	2			1	1		1	2	1		12			
351											40		20	2																								2		
TOTAL (NON-PART)	5305	71	20	95	2006	115	1	9	2	774	40	77	20	39	3910	2	60	10	1	4	4	2	95	102	50	1	2	3	6	3	1	5	2	2	6	83	37	2		

* INCLUDED FOR REFERENCE ONLY. WATER SERVICE LINE PAID FOR AS PART OF "INSTALL WATER SERVICE COMPLETE"
 ** ALL WATER MAIN ITEMS ARE NON-PARTICIPATORY

PLAN ALLOWANCE		
ITEM	UNITS	QUANTITY
TEMPORARY RAMP	SQ YD	300

TREE REMOVAL				
STATION	LT/RT	OFFSET	TREE REMOV 6-15 UNIT	TREE REMOV OVER 15 UNIT
95+91	LT	20		16
96+99	LT	20		17
102+81	RT	20	7	
TOTAL			7	33

GROUND STABILIZATION SCHEDULE			
LOCATION	REM & DISP UNSUIT MATL CU YD	AGG SUBGRADE IMPROV CU YD	GEOTECH FABRIC FOR GND STABIL SQ YD
91+93 TO 95+00	290	290	1495
95+00 TO 100+50	574	574	2323
100+50 TO 105+50	737	737	1947
105+50 TO 110+51	389	389	2336
TOTAL	1991	1991	8101

EARTHWORK QUANTITIES				
STATION	EARTH EXCAVATION	AVAILABLE FILL	REQUIRED FILL	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)
	A	B = 0.85 A	C	D = B - C
	CU YD	CU YD	CU YD	CU YD
91+93 TO 95+00	918	780	4	776
95+00 TO 100+50	1436	1221	5	1216
100+50 TO 105+50	1132	962	6	956
105+50 TO 110+51	1372	1166	6	1160
TOTAL	4858	4129	21	4108

EROSION CONTROL					
LOCATION	TREE TRUNK PROTECTION EACH	TREE ROOT PRUNING EACH	PER EROS BARRIER FOOT	INLET FILTERS EACH	TEMP DITCH CHECKS FOOT
91+93 TO 95+00	1	1		4	
95+00 TO 100+50	5	5	30	10	10
100+50 TO 105+50	13	13	20	13	
105+50 TO 110+51	15	15	55	11	
TOTAL	34	34	105	38	10

SEE LANDSCAPE AND EROSION CONTROL PLANS, SHEETS 35-36 FOR LOCATIONS OF THE TREE TRUNK PROTECTION AND TREE ROOT PRUNING.

PATCHING	
LOCATION	CL D PATCH T4 15 SQ YD
91+93 TO 95+00	59
TOTAL	59

ROADWAY QUANTITIES						
LOCATION	AGG SUBGRADE IMPR 12 SQ YD	BIT MATLS PRIME CT TON	BIT MATLS TACK CT POUND	HMA BC IL 19.0 N70 TON	HMA SC "D" N70 TON	COMB CC&G TB6.18 FOOT
91+93 TO 95+00	1495	2	894	593	167	667
95+00 TO 100+50	2323	3	1362	904	254	1162
100+50 TO 105+50	1947	2	1127	748	210	1031
105+50 TO 110+51	2363	3	1407	934	263	1133
TOTAL	8128	10	4790	3179	894	3993

LANDSCAPING							
LOCATION	TOPSOIL F & P 4 SQ YD	NITROGEN FERT NUTR POUND	PHOSPHORUS FER' NUTR PCUND	POTASSIUM FERT NUTR POUND	SODDING SQ YD	SUPP WATERING UNIT	TEMP EROS CONTR SEED POUND
91+93 TO 95+00	27.6	0.04	0.04	0.04	27.6	1.244	0.19
95+00 TO 100+50	773.2	1.07	1.07	1.07	773.2	34.794	5.33
100+50 TO 105+50	565.2	0.78	0.78	0.78	565.2	25.432	3.89
105+50 TO 110+51	548.7	0.76	0.76	0.76	548.7	24.693	3.78
15% CONTINGENCY	287.2	0.4	0.4	0.4	287.2	12.9	2.0
TOTAL	2202	4	4	4	2202	100	16

AGGREGATE FOR TEMPORARY ACCESS			
LOCATION	TEMPORARY ACCESS (PE) EACH	TEMPORARY ACCESS (CE) EACH	TEMPORARY ACCESS (ROAD) EACH
91+93 TO 95+00		8	
95+00 TO 100+50	3	5	2
100+50 TO 105+50	14		1
105+50 TO 110+51	11		3
TOTAL	28	13	6

NOTE: SCHEDULES ARE FROM STA 91+88 TO STA 110+51 ONLY

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VILLAGE OF GLEN ELLYN
 535 DUANE STREET
 GLEN ELLYN, IL 60137

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
 SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	13
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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SCHEDULE OF QUANTITIES

DRIVEWAY PAVEMENT AND SIDEWALK											
LOCATION	LT/RT	AGG BASE CSE B TON	HMA DRIVEWAY REM & REP SQ YD	PCC DRIVEWAY PAVT 6 SQ YD	PCC DRIVEWAY PAVT 8 SQ YD	PC CONC SIDEWALK 5 SQ FT	PC CONC SIDEWALK 6 SQ FT	PC CONC SIDEWALK 8 SQ FT	DETECTABLE WARNINGS SQ FT	HMA DRIVEWAY PAVEMENT REMOVA. SQ YD	HMA DRIVEWAY PAVEMENT, 6" SQ YD
91+93 TO 95+00	LT/RT	89.2				3115			83		
92+33.6 PCC CE	LT	4.3			24			153			
92+88.4 PCC CE	RT	6.1			31			165			
93+30 PCC ALLEY	LT	7.2			18			160			
93+51.5 PCC CE	RT	3.3			19			136			
94+21 HMA CE	RT	9.5					433			82	27
94+45.1 PCC CE	LT	5.5			27			155			
94+75.9 PCC CE	RT	3.4			17						
95+16.6 PCC CE	RT	4.2			21						
95+00 TO 100+50	LT/RT	32.3				1453		479	67		
95+65.1 PCC CE	RT	9.0			45						
96+71.7 HMA CE	LT	4.5	9.1		22						
97+79.7 PCC CE	RT	8.1			41						
98+06.6 PCC CE	LT	4.9	8.2		25						
98+93.3 PCC PE	RT	4.0		20							
99+94.5 PCC PE	RT	3.9		20							
100+30.3 PCC PE	RT	5.4		27							
100+50 TO 105+50	LT/RT	47.6				1599	542		31		
101+11.9 PCC PE	LT	3.5		17							
102+07.0 PCC PE	LT	2.9		14							
102+51.8 PCC PE	RT	4.0		20							
102+69.3 PCC PE	LT	3.3		19							
103+32.5 PCC PE	RT	3.3	3.4	19							
103+38.3 PCC PE	LT	3.0		15							
103+54.5 PCC PE	RT	3.4	4.2	17							
103+68.2 PCC PE	LT	2.7		13							
103+98.7 PCC PE	RT	3.3	3.8	19							
104+22.0 PCC PE	LT	2.7		13							
104+69.6 PCC PE	LT	2.3	4.3	14							
104+76.7 PCC PE	RT	4.3		22							
104+9.1 PCC PE	LT	3.3	7.7	19							
104+97.5 PCC PE	RT	3.3	3.0	16							
105+50 TO 110+51	LT/RT	76.5				2771	673		112		
105+70.2 PCC PE	LT	4.4		22							
105+86.6 PCC PE	RT	3.2	3.4	16							
106+18.3 PCC PE	LT	4.5		22							
106+36.8 & 106+47.5 PCC PE	RT	5.3	6.7	26							
106+45.5 PCC PE	LT	3.5	7.7	18							
106+89.1 PCC PE	LT	3.5		18							
106+99.2 PCC PE	RT	4.7		23							
107+52.0 PCC PE	LT	2.3	3.8	14							
107+60.3 PCC PE	RT	5.0		25							
108+33.0 PCC PE	RT	4.3		22							
TOTAL		399	65	511	290	8938	1648	1248	293	82	27

TEMPORARY PAVEMENT MARKING & PAVEMENT MARKING REMOVAL							
STAGE	TEMP PVT MKLTR & SYM SQ FT	TEMP PM LINE 4 FOOT	TEMP PM LINE 6 FOOT	TEMP PM LINE 12 FOOT	TEMP PM LINE 24 FOOT	PVT MKG REM - GRIND SQ FT	PVT MKG REM - WTR BLAST SQ FT
STAGE 1		1900				260	
STAGE 2		1900	290	123	47		
STAGE 3	125	3226	290	123	99		1900
TOTAL	125	7026	580	246	146	260	1900

NON-SPECIAL WASTE DISPOSAL SCHEDULE			
STATION	CORRESPONDING SOIL BORING FROM PSI	DEPTH OF SOIL OF CONCERN	WASTE DISPOSAL CU YD
91+93 TO 93+28	SB-12	0'-8"	390
TOTAL			390

PROTECTIVE COAT		
LOCATION	SIDWALK PROT COAT SQ YD	COMB CC&G PROT COAT SQ YD
91+93 TO 95+00	480	156
95+00 TO 100+50	215	259
100+50 TO 105+50	238	230
105+50 TO 110+51	396	240
SUBTOTAL	1329	885
TOTAL		2214

PAVEMENT MARKING					
LOCATION	THPL PVT MK LINE 4 FOOT	THPL PVT MK LINE 6 FOOT	THPL PVT MK LINE 12 FOOT	THPL PVT MK LINE 24 FOOT	THPL PVT MK LTRS & SYM SQ FT
91+93 TO 96+00	810	268	30	40	25
96+00 TO 100+50	778	64	60	10	
100+50 TO 105+50	882			11	
105+50 TO 110+51	756	256	252	65	
TOTAL	3226	588	342	126	25

REMOVAL																
STATION	PAVEMENT REM SQ YD	HMA SURFACE REMOVAL, BUTT JOINT SQ YD	DRIVE PAVEMENT REM SQ YD	SIDEWALK REM SQ FT	BRICK PAVER REM SQ FT	STORM SEWER REM 12 FOOT	REMOVING INLETS EACH	EXWATER MAIN REMOVAL 8" FOOT	EXWATER MAIN REMOVAL 12" FOOT	ABAN EX WM FILL CLSM ** FOOT	VALVE BOX TO BE REMOVED EACH	VALVE VAULTS TO BE REMOVED EACH	VALVE VAULTS ABANDON ** EACH	WATER VALVE BOX ABAND ** EACH	CURB AND GUTTER REMOVAL FOOT	FIRE HYDNTS TO BE REM ** EACH
91+93 TO 95+00	1630	38	237	2466	774		1			50				2	886	1
95+00 TO 100+50	1850	10	272	1898		13	1						2	3	880	1
100+50 TO 105+50	1250	12	282	2111									1		1005	
105+50 TO 110+51	2020	39	247	3528		33	3	95	102		1	2		1	1120	1
TOTAL	6750	99	1038	10003	774	46	5	95	102	50	1	2	3	6	3891	3

QUANTITIES WITH ASTERISKS (**) ARE NON-PARTICIPATORY

NOTE: SCHEDULES ARE FROM STA 91+88 TO STA 110+51 ONLY

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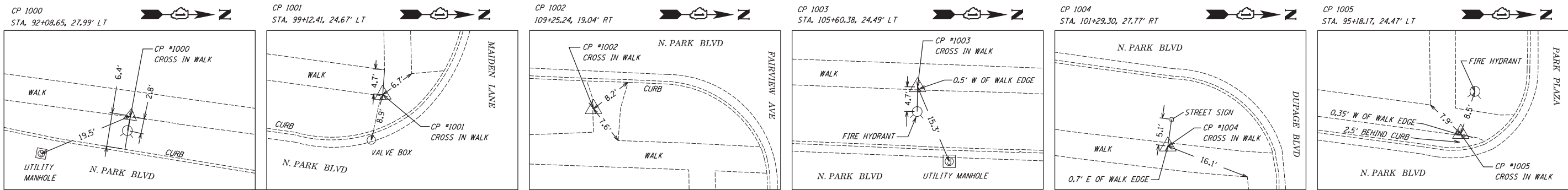
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
SCHEDULE OF QUANTITIES

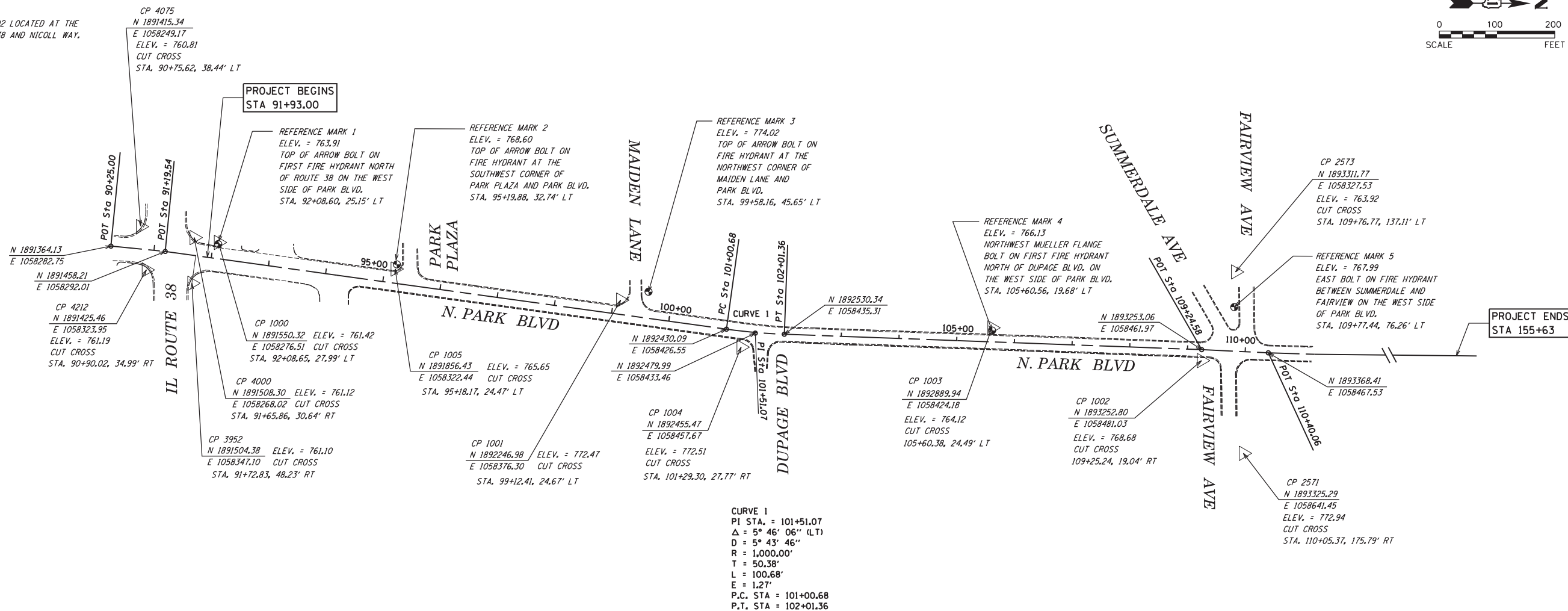
SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	14
2581			CONTRACT NO. 61E35	

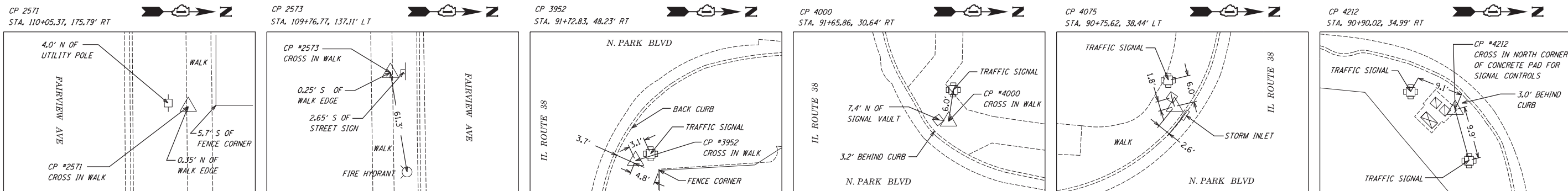
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ORIGINAL BENCHMARK:
 NGVD29 ELEV = 758.85
 DUPAGE COUNTY BENCHMARK M114002 LOCATED AT THE
 NORTHEAST CORNER OF IL ROUTE 38 AND NICOLL WAY.



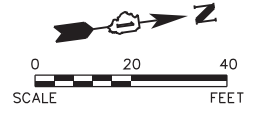
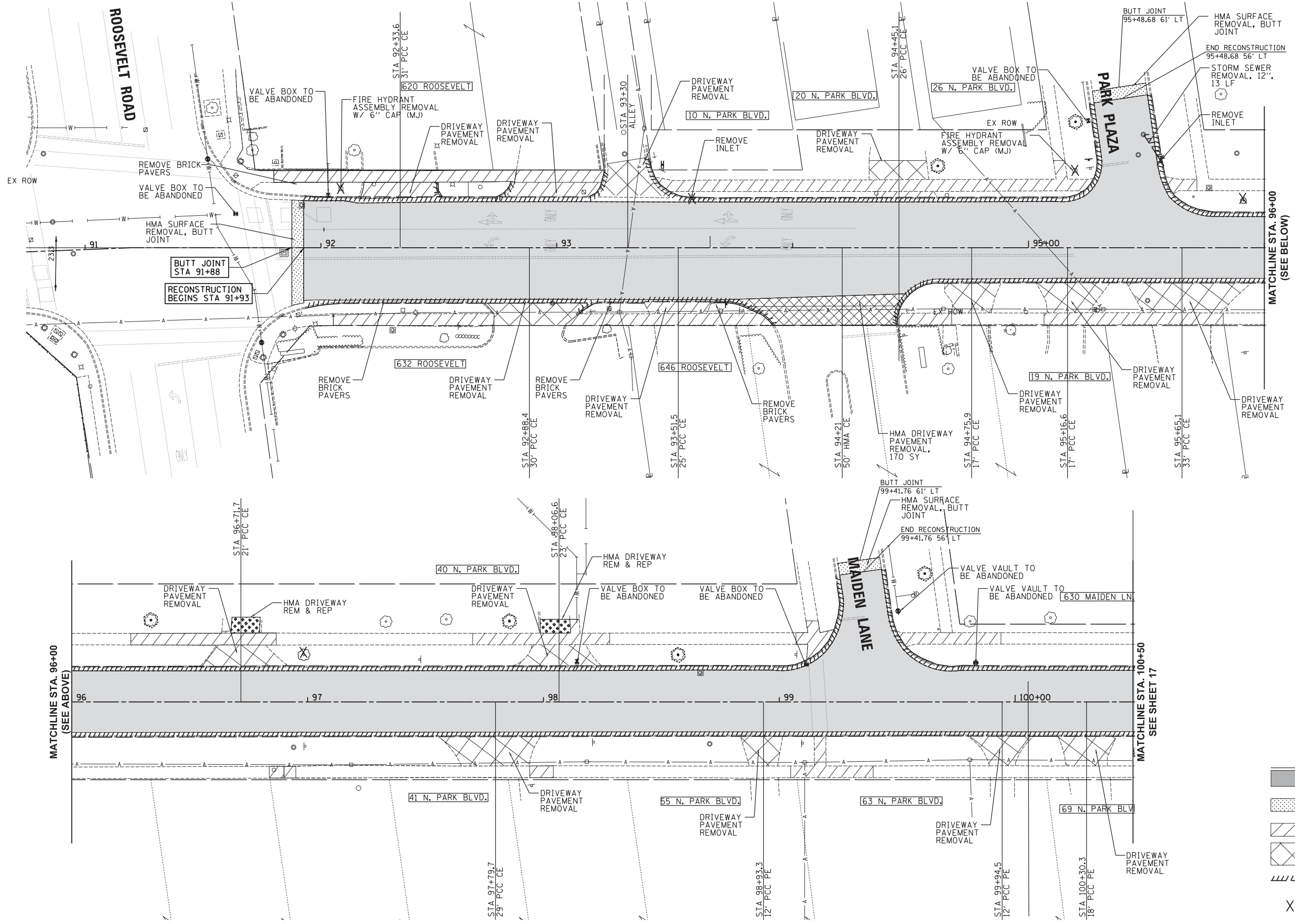
CURVE 1
 PI STA. = 101+51.07
 Δ = 5° 46' 06" (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 50.38'
 L = 100.68'
 E = 1.27'
 P.C. STA = 101+00.68
 P.T. STA = 102+01.36



Plot: 12/29/2017 8:19:57 AM By: jschmidt

<p>Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eeieeb.com</p>	<p>VILLAGE OF GLEN ELLYN 535 DUANE STREET GLEN ELLYN, IL 60137</p>	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PARK BOULEVARD ALIGNMENT, TIES AND BENCHMARKS		F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		2580	16-00081-00-PV	DUPAGE	79	15		
		CHECKED -	REVISED -	SCALE:		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		CONTRACT NO. 61E35	
		DATE -	REVISED -							ILLINOIS FED. AID PROJECT	

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LEGEND

- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, BUTT JOINT
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CURB AND GUTTER REMOVAL
- TREE REMOVAL, STRUCTURE REMOVAL
STRUCTURE ABANDONMENT

Plot: 1/15/2018 4:38:33 PM By: cjh/ach

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GLEN ELLYN, IL 60137

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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

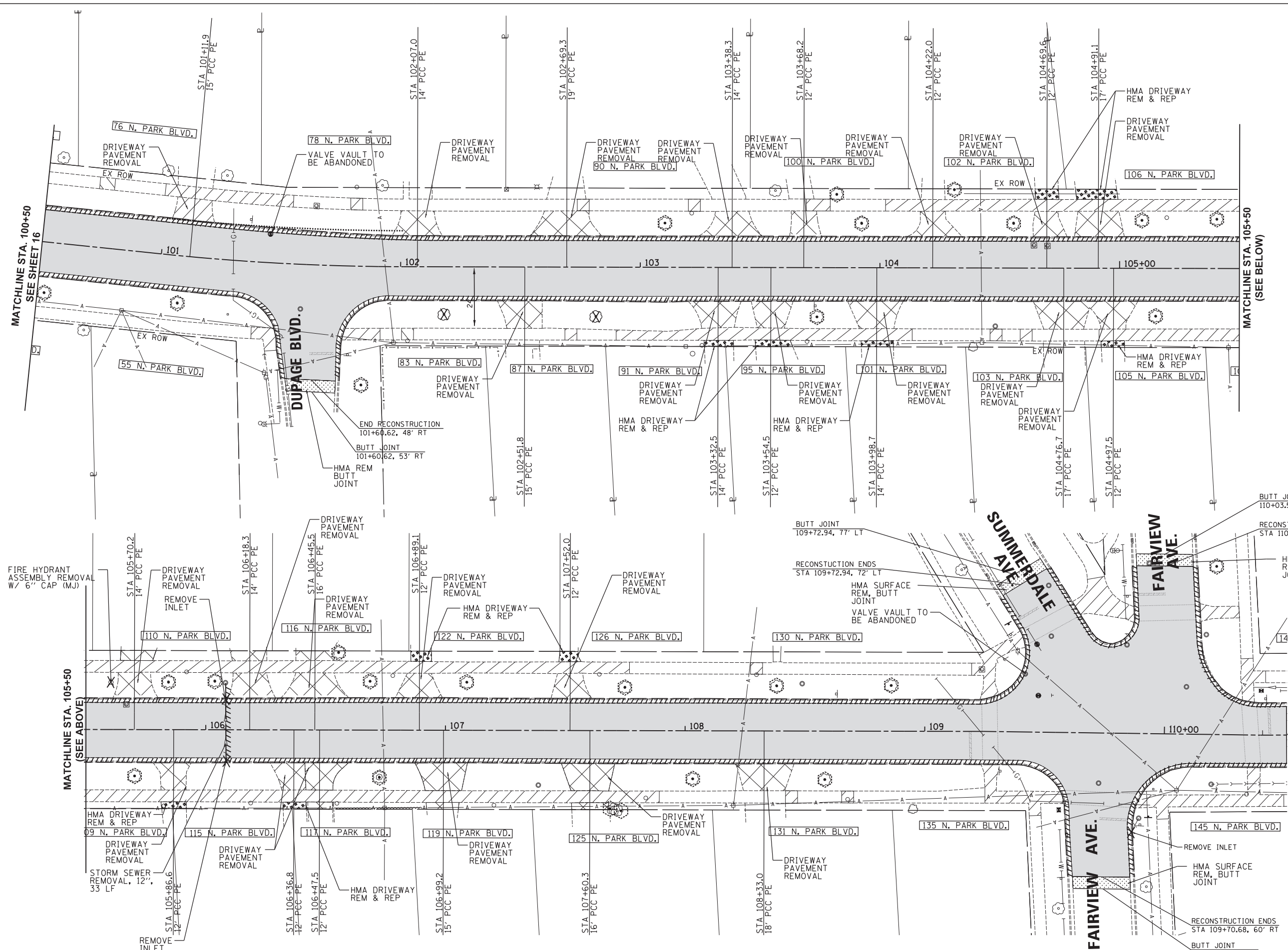
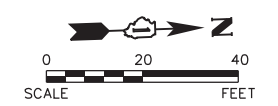
**PARK BOULEVARD
REMOVAL PLAN**

SCALE: 1"=20' SHEET NO. 1 OF 2 FSHEETS STA. 91+... TO STA. 100+50

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	16
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

Path: \\S05KPR01\G1201\0gn\Dgn Final Eng\G1201-Plan 20sc-PARK.dgn



RECONSTRUCTION ENDS
RESURFACING BEGINS STA 110+51.00
SEE "PROPOSED PLAN" STARTING ON
SHEET 22 FOR REMOVAL AND
REPLACEMENT IN RESURFACING SECTION

LEGEND

- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL, BUTT JOINT
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- CURB AND GUTTER REMOVAL
- TREE REMOVAL, STRUCTURE REMOVAL
STRUCTURE ABANDONMENT

P:\11\113\2018 1:51:36 PM By: jschmidt
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
REMOVAL PLAN
 SCALE: 1"=20'
 SHEET NO. 2 OF 2 SHEETS
 STA. 100+50 TO STA. 110+50

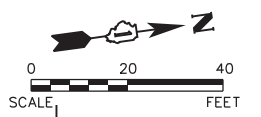
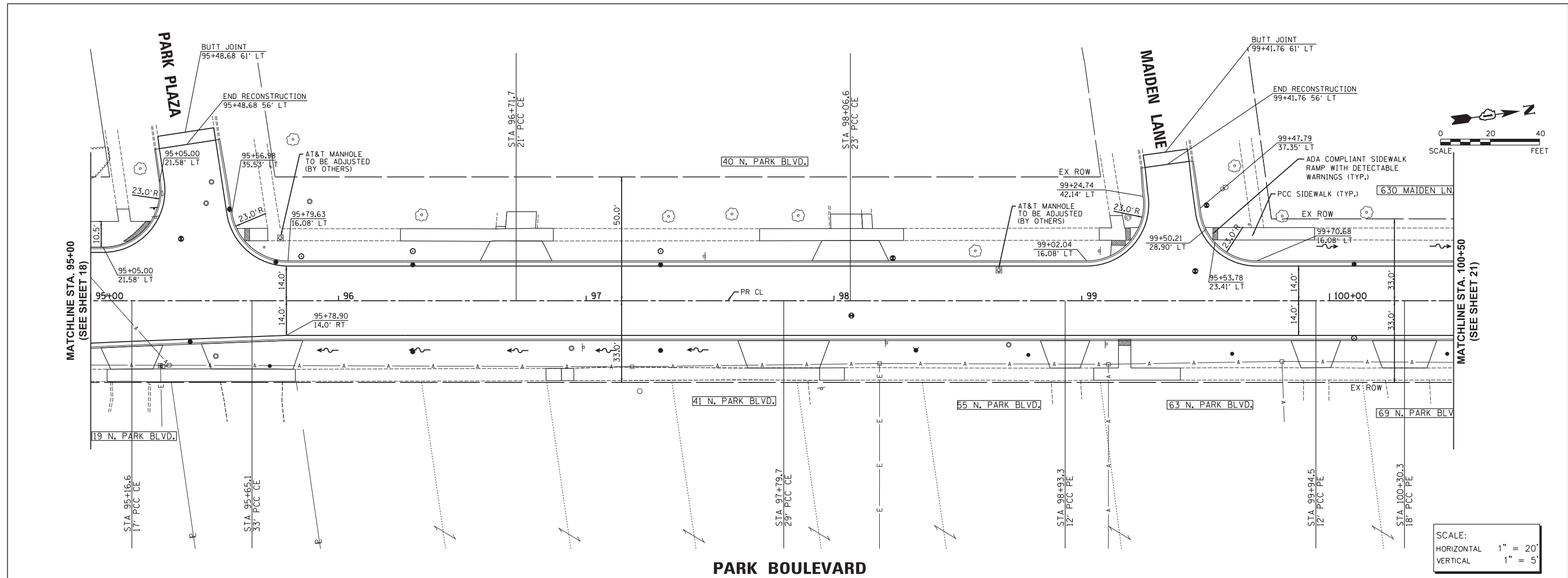
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	17
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

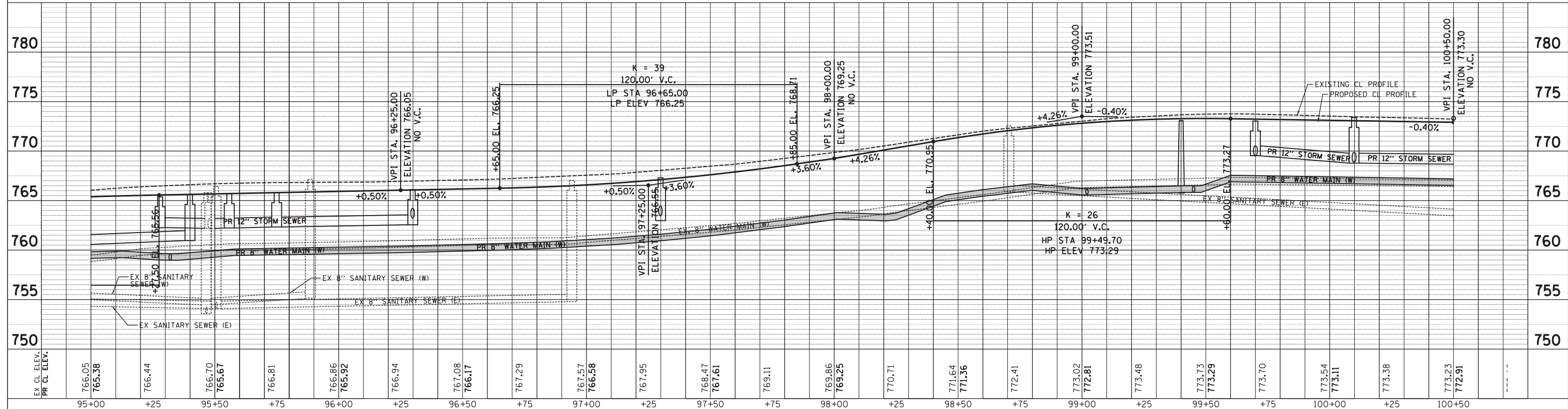
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PLAN	SURVEYED	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	

PROFILE	SURVEYED	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	



SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'



Plot: 1/23/2018 1:54:45 PM By: jschmidt

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DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
PLAN AND PROFILE

SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 95+00 TO STA. 100+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	19
2581	CONTRACT NO. 61E35			

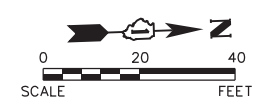
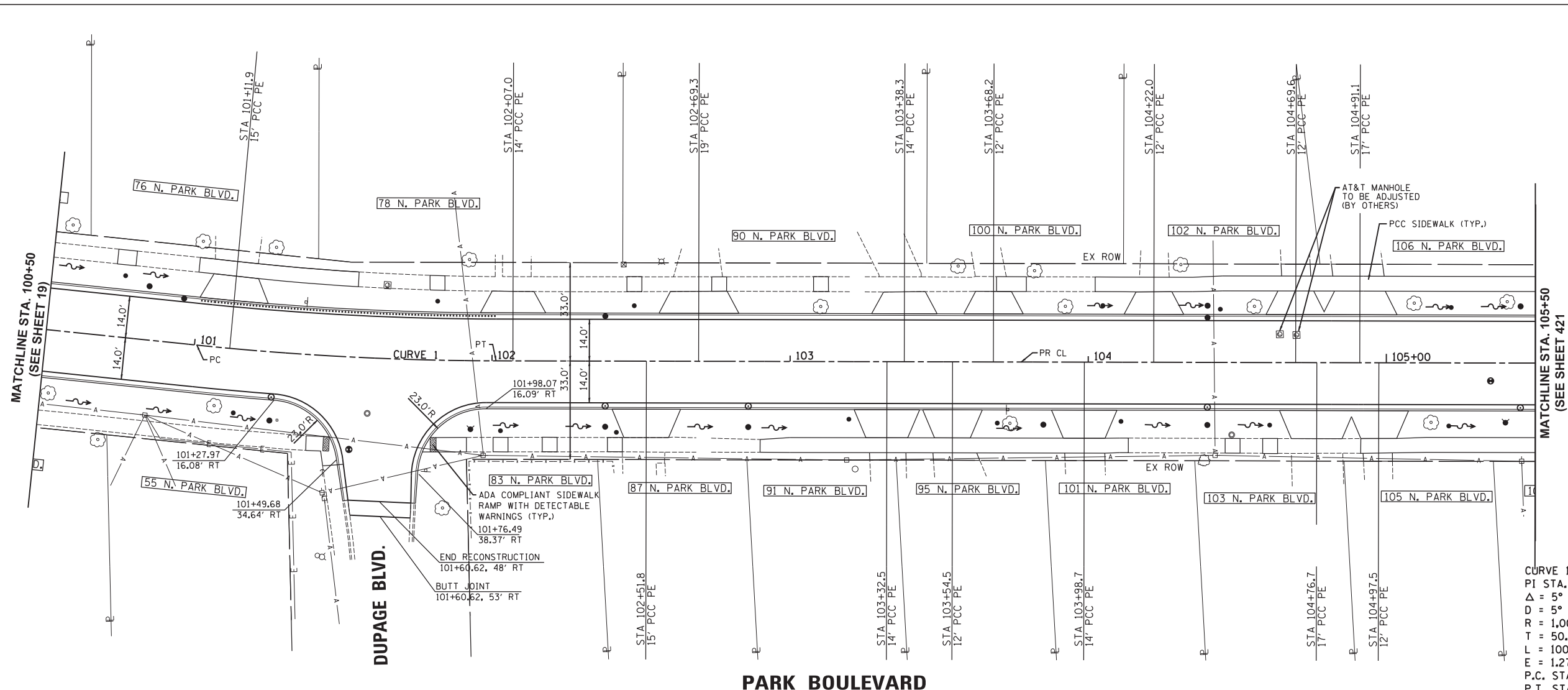
ILLINOIS FED. AID PROJECT

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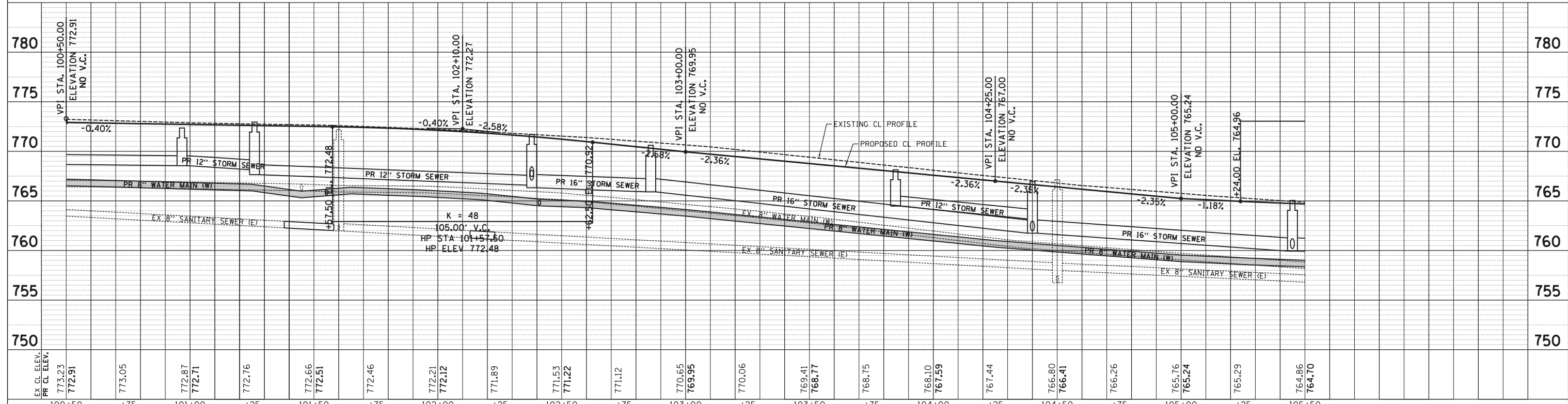
PLAN	SURVEYED	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	

PROFILE	SURVEYED	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	

Plot: 1/23/2018 1:54:46 PM By: jschmidt



SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'



EX. CL. ELEV.	773.23	772.91	773.05	772.87	772.71	772.76	772.66	772.51	772.46	772.21	772.12	771.89	771.53	771.22	771.12	770.65	769.95	770.06	769.41	768.77	768.75	768.10	767.59	767.44	766.80	766.41	766.26	765.76	765.24	765.29	764.86	764.70
PR CL. ELEV.	773.23	772.91	773.05	772.87	772.71	772.76	772.66	772.51	772.46	772.21	772.12	771.89	771.53	771.22	771.12	770.65	769.95	770.06	769.41	768.77	768.75	768.10	767.59	767.44	766.80	766.41	766.26	765.76	765.24	765.29	764.86	764.70

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DRAWN -	REVISIED -
CHECKED -	REVISIED -
DATE -	REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

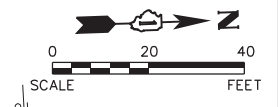
PARK BOULEVARD
PLAN AND PROFILE
SCALE: 1"=20'
SHEET NO. 3 OF 4 SHEETS
STA. 100+50 TO STA. 105+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	20
2581	CONTRACT NO. 61E35			
ILLINOIS FED. AID PROJECT				

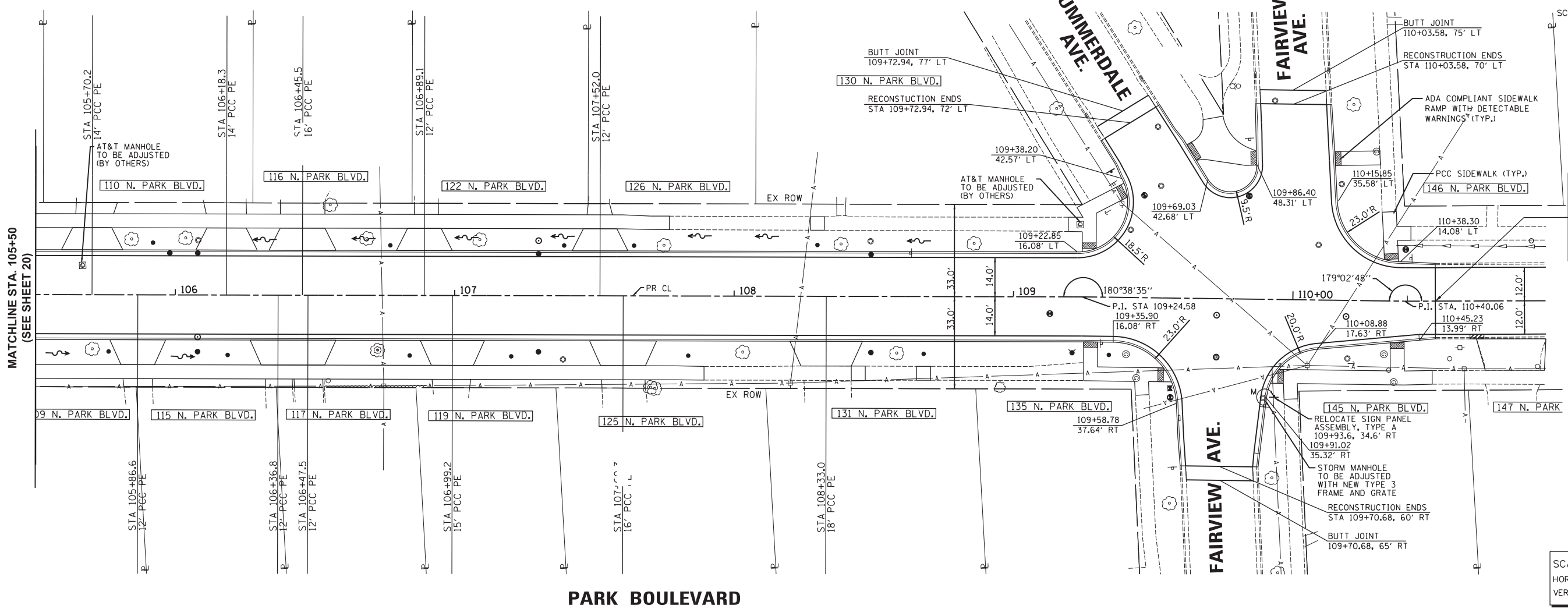
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	PAID FILE NAME		
NO.			

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE NOTATIONS CHRD		
NO.			



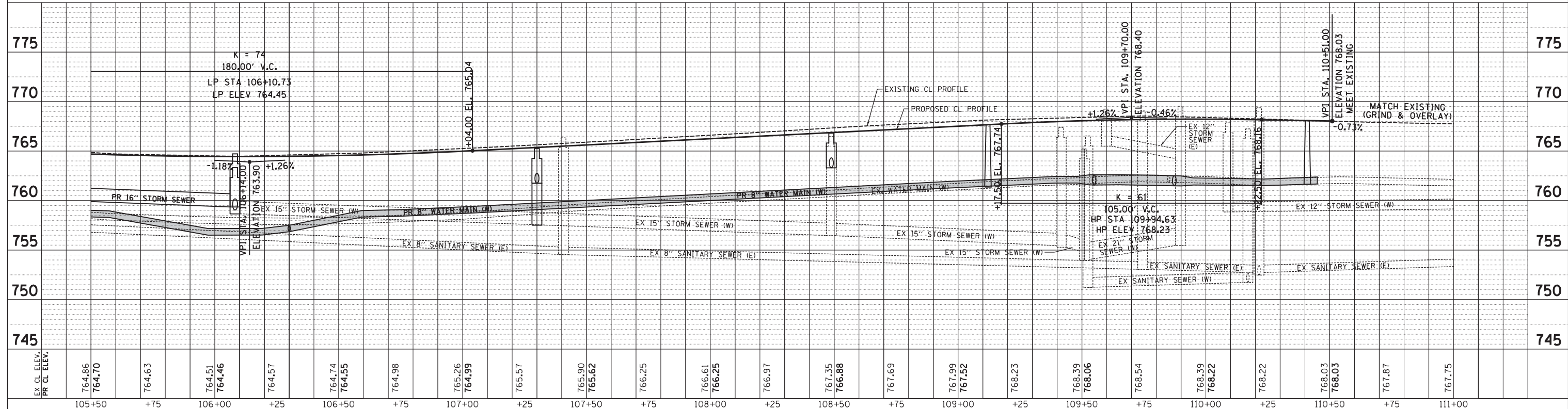
MATCHLINE STA. 105+50
(SEE SHEET 20)



RECONSTRUCTION ENDS
RESURFACING BEGINS
STA 110+51.00
SEE "PROPOSED PLAN"
STARTING ON SHEET
22 FOR REMOVAL AND
REPLACEMENT IN
RESURFACING SECTION

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

PARK BOULEVARD



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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION

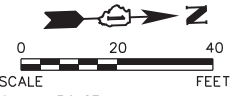
PARK BOULEVARD
PLAN AND PROFILE

SCALE: 1"=20' SHEET NO. 4 OF 4 SHEETS STA. 105+50 TO STA. 111+00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	21
2581				CONTRACT NO. 61E35

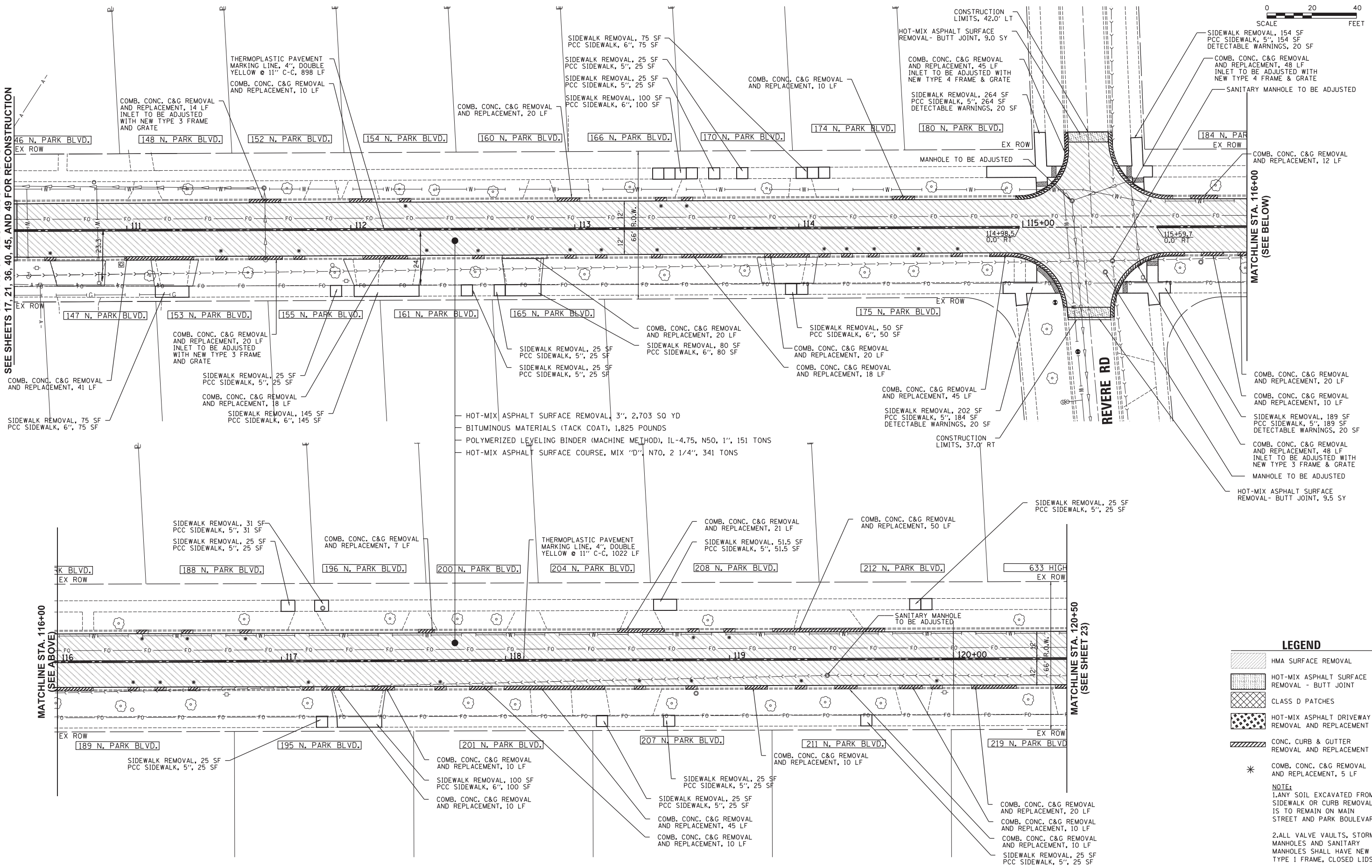
ILLINOIS FED. AID PROJECT

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STA. 110+51 - BEGIN RESURFACING
SEE SHEETS 17, 21, 36, 40, 45, AND 49 FOR RECONSTRUCTION

MATCHLINE STA. 116+00
(SEE BELOW)



- HOT-MIX ASPHALT SURFACE REMOVAL, 3", 2,703 SQ YD
- BITUMINOUS MATERIALS (TACK COAT), 1,825 POUNDS
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1", 151 TONS
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2 1/4", 341 TONS

- LEGEND**
- HMA SURFACE REMOVAL
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - CLASS D PATCHES
 - HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
 - CONC. CURB & GUTTER REMOVAL AND REPLACEMENT
 - COMB. CONC. C&G REMOVAL AND REPLACEMENT, 5 LF

NOTE:
1. ANY SOIL EXCAVATED FROM SIDEWALK OR CURB REMOVAL IS TO REMAIN ON MAIN STREET AND PARK BOULEVARD
2. ALL VALVE VAULTS, STORM MANHOLES AND SANITARY MANHOLES SHALL HAVE NEW TYPE 1 FRAME, CLOSED LIDS

P:\1101212_1\3\2018 101212 AM By: jschmidt

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GLEN ELLYN, IL 60137

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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

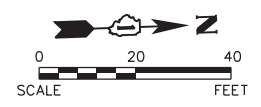
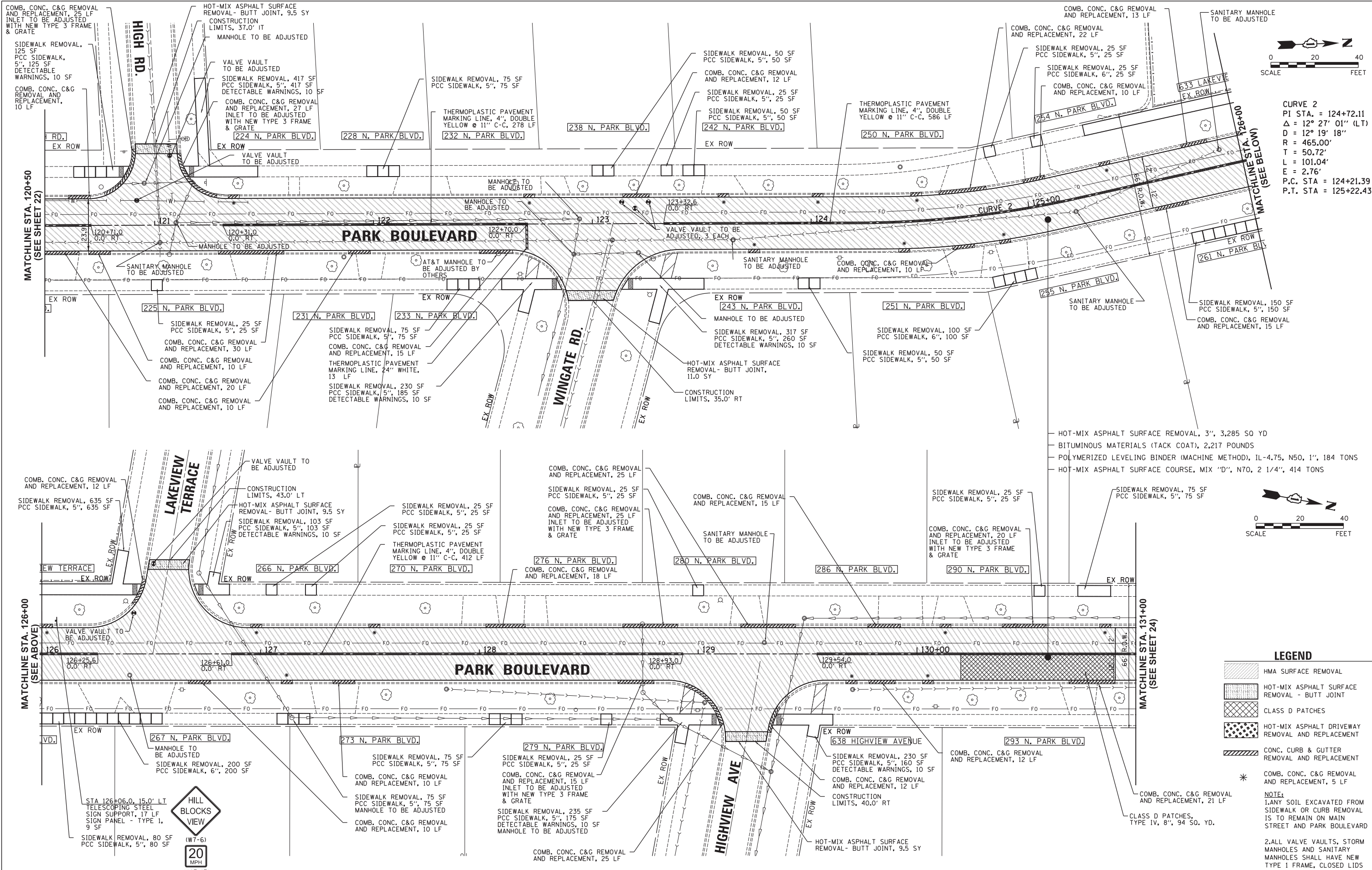
**PARK BOULEVARD
PROPOSED PLAN**

SCALE: 1"=20' SHEET NO. 1 OF 5 SHEETS STA. 110+50 TO STA. 120+50

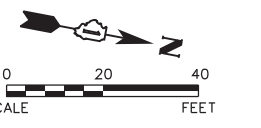
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	22
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

P:\1101212_1\3\2018 101212 AM By: jschmidt



CURVE 2
 PI STA. = 124+72.11
 $\Delta = 12^\circ 27' 01''$ (LT)
 D = 12° 19' 18"
 R = 465.00'
 T = 50.72'
 L = 101.04'
 E = 2.76'
 P.C. STA = 124+21.39
 P.T. STA = 125+22.43



- LEGEND**
- HMA SURFACE REMOVAL
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - CLASS D PATCHES
 - HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
 - CONC. CURB & GUTTER REMOVAL AND REPLACEMENT
 - * COMB. CONC. C&G REMOVAL AND REPLACEMENT, 5 LF
- NOTE:**
 1. ANY SOIL EXCAVATED FROM SIDEWALK OR CURB REMOVAL IS TO REMAIN ON MAIN STREET AND PARK BOULEVARD
2. ALL VALVE VAULTS, STORM MANHOLES AND SANITARY MANHOLES SHALL HAVE NEW TYPE 1 FRAME, CLOSED LIDS

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 GLEN ELLYN, IL 60137

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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

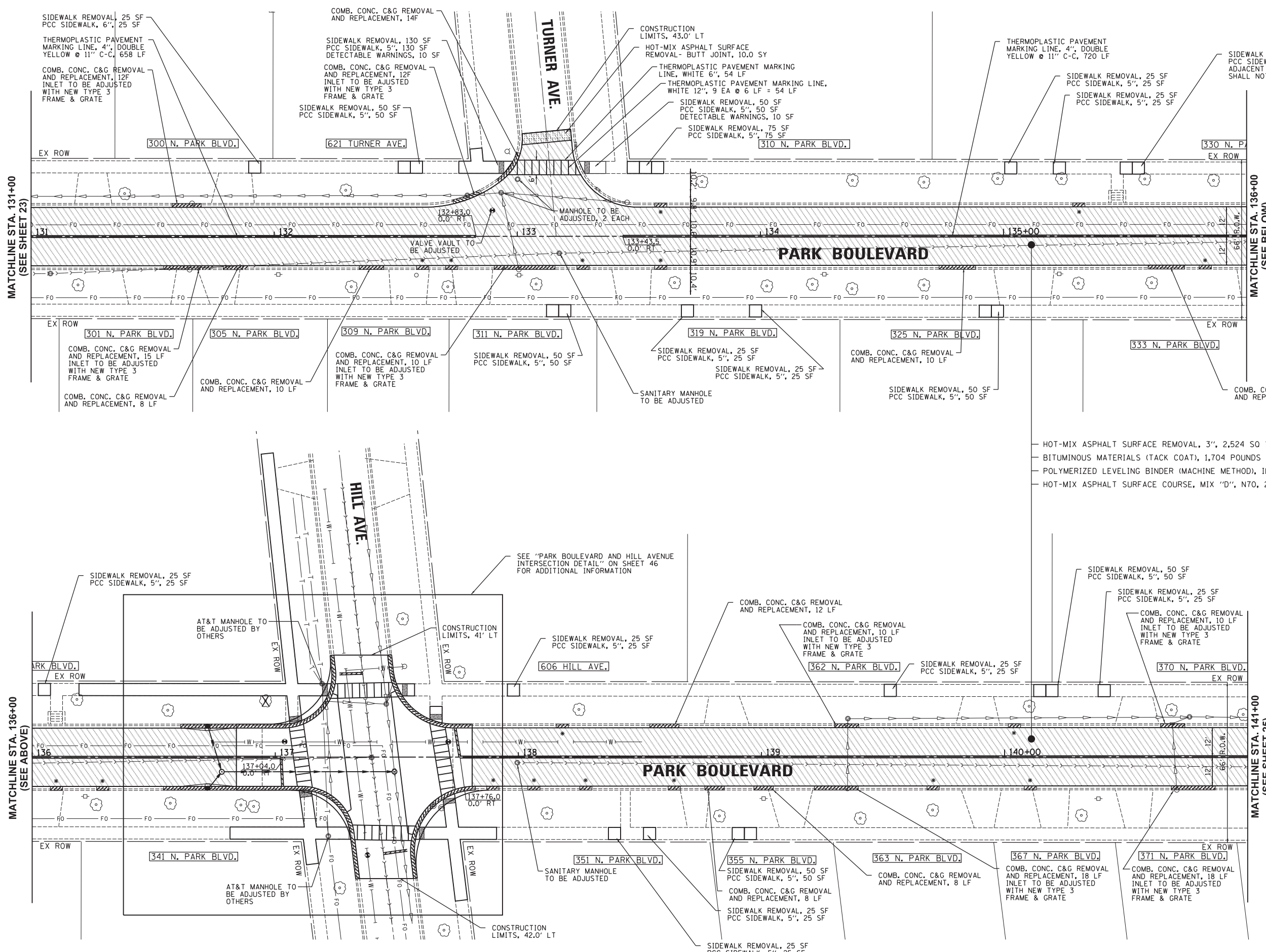
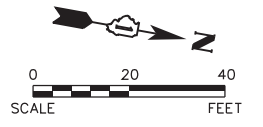
**PARK BOULEVARD
 PROPOSED PLAN**

SCALE: 1"=20' SHEET NO. 2 OF 5 SHEETS STA. 120+50 TO STA. 131+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	23
2581				CONTRACT NO. 61E35

ILLINOIS FED. AID PROJECT

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- HOT-MIX ASPHALT SURFACE REMOVAL, 3", 2,524 SQ YD
- BITUMINOUS MATERIALS (TACK COAT), 1,704 POUNDS
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1", 141 TONS
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2 1/4", 318 TONS

LEGEND

- HMA SURFACE REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- CONC. CURB & GUTTER REMOVAL AND REPLACEMENT
- COMB. CONC. C&G REMOVAL AND REPLACEMENT, 5 LF

NOTE:
 1. ANY SOIL EXCAVATED FROM SIDEWALK OR CURB REMOVAL IS TO REMAIN ON MAIN STREET AND PARK BOULEVARD

2. ALL VALVE VAULTS, STORM MANHOLES AND SANITARY MANHOLES SHALL HAVE NEW TYPE 1 FRAME, CLOSED LIDS

P:\101213\101213.dwg 10/12/13 AM By: jschmidt

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CHECKED -	REVISED -
DATE -	REVISED -

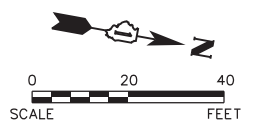
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
PROPOSED PLAN

SCALE: 1"=20' SHEET NO. 3 OF 5 SHEETS STA. 131+00 TO STA. 141+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	24
2581	CONTRACT NO. 61E35			

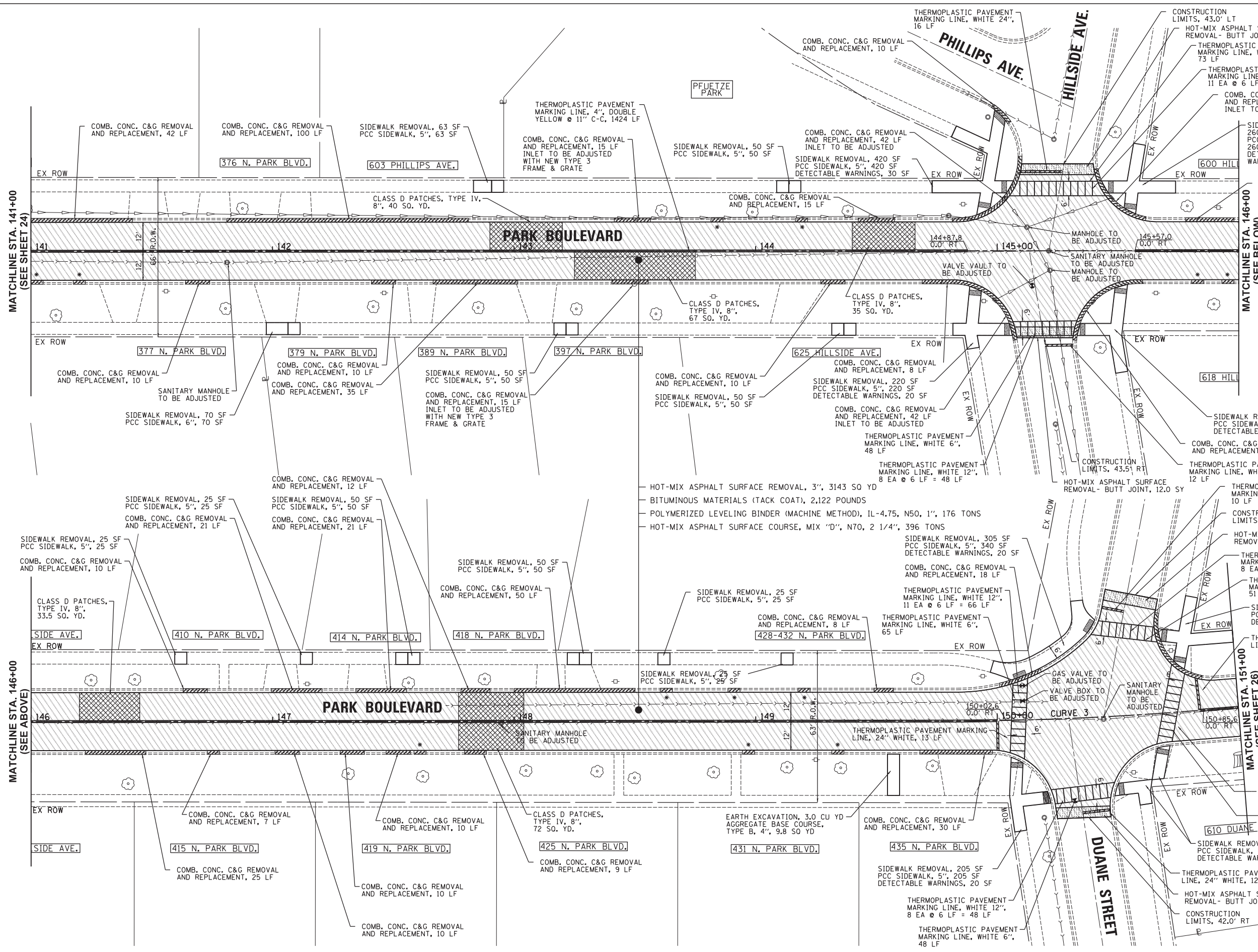
ILLINOIS FED. AID PROJECT



LEGEND

	HMA SURFACE REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	CLASS D PATCHES
	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
	CONC. CURB & GUTTER REMOVAL AND REPLACEMENT
	COMB. CONC. C&G REMOVAL AND REPLACEMENT, 5 LF

NOTE:
 1. ANY SOIL EXCAVATED FROM SIDEWALK OR CURB REMOVAL IS TO REMAIN ON MAIN STREET AND PARK BOULEVARD
 2. ALL VALVE VAULTS, STORM MANHOLES AND SANITARY MANHOLES SHALL HAVE NEW TYPE 1 FRAME, CLOSED LIDS



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
PROPOSED PLAN**

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VILLAGE OF GLEN ELLYN
 535 DUANE STREET
 GLEN ELLYN, IL 60137

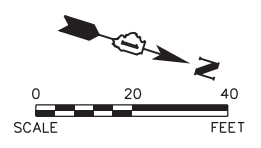
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

SCALE: 1"=20' SHEET NO. 4 OF 5 SHEETS STA. 141+00 TO STA. 151+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2581	16-00081-00-PV	DUPAGE	79	25
			CONTRACT NO. 61E35	

CURVE 3
 P.I. STA. = 150+27.15
 $\Delta = 4^\circ 27' 52''$ (LT)
 $D = 4^\circ 24' 27''$
 $R = 1,300.00'$
 $L = 50.67'$
 $E = 0.99'$
 P.C. STA = 149+76.47
 P.T. STA = 150+77.77

P:\11111\11111.dgn 10/12/14 AM By: jschmidt
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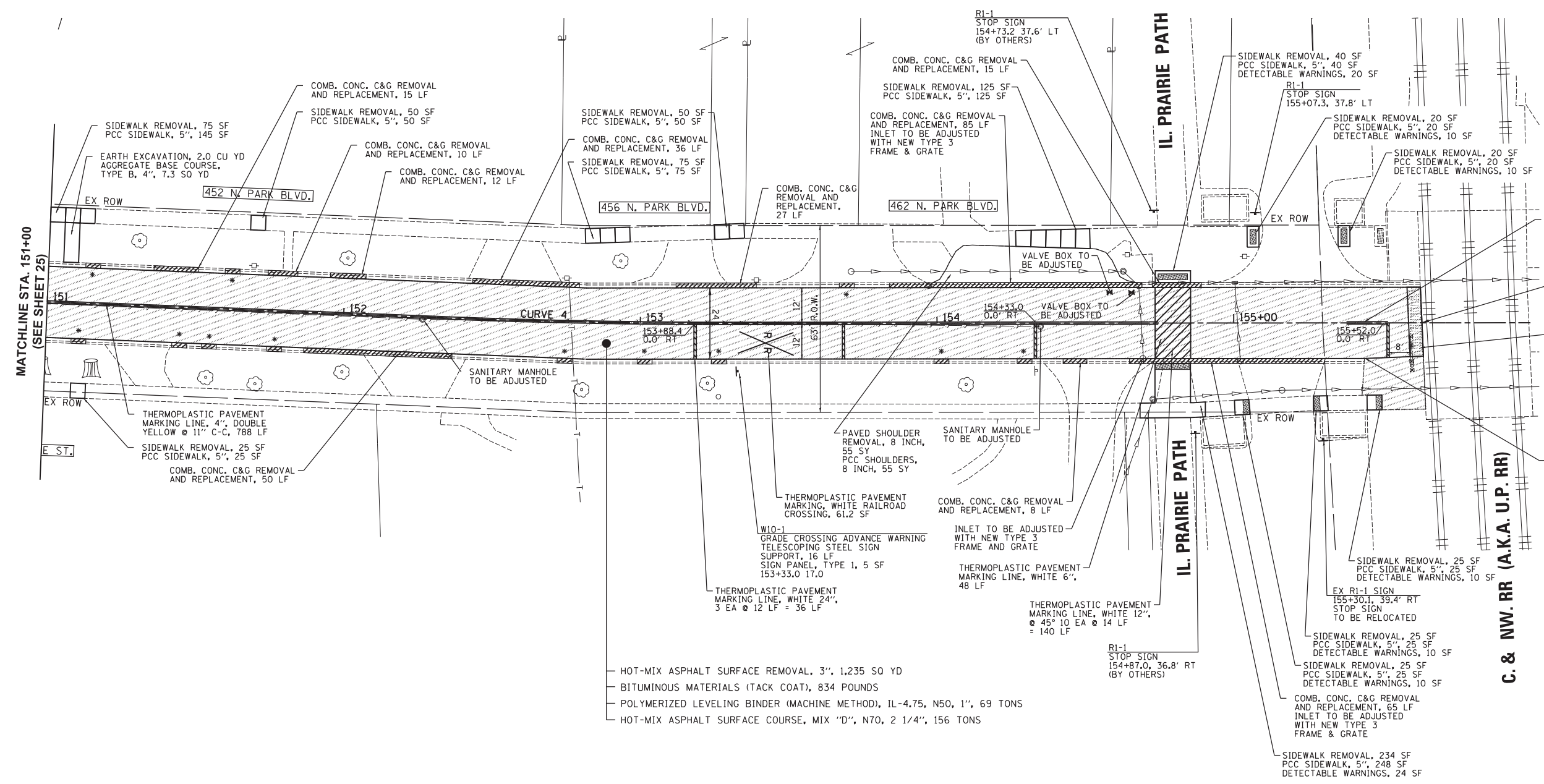
CURVE 4
 PI STA. = 152+81.22
 Δ = 2° 21' 08" (LT)
 D = 2° 20' 53"
 R = 2,440.00'
 T = 50.09'
 L = 100.17'
 E = 0.51'
 P.C. STA = 152+31.13
 P.T. STA = 153+31.30

THERMOPLASTIC PAVEMENT MARKING LINE, 4", DOUBLE YELLOW @ 11" C-C, 14 LF

PROJECT ENDS STA 155+63

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT, 12.0 SY

THERMOPLASTIC PAVEMENT MARKING LINE, WHITE 24", 12 LF



- HOT-MIX ASPHALT SURFACE REMOVAL, 3", 1,235 SQ YD
- BITUMINOUS MATERIALS (TACK COAT), 834 POUNDS
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1", 69 TONS
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2 1/4", 156 TONS

LEGEND

	HMA SURFACE REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	CLASS D PATCHES
	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
	CONC. CURB & GUTTER REMOVAL AND REPLACEMENT
	COMB. CONC. C&G REMOVAL AND REPLACEMENT, 5 LF

NOTE:
 1. ANY SOIL EXCAVATED FROM SIDEWALK OR CURB REMOVAL IS TO REMAIN ON MAIN STREET AND PARK BOULEVARD

2. ALL VALVE VAULTS, STORM MANHOLES AND SANITARY MANHOLES SHALL HAVE NEW TYPE 1 FRAME, CLOSED LIDS

Plot: 1/24/2018 3:15:06 PM By: jschmidt

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VILLAGE OF GLEN ELLYN
 535 DUANE STREET
 GLEN ELLYN, IL 60137

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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
 PROPOSED PLAN

SCALE: 1"=20' SHEET NO. 5 OF 5 SHEETS STA. 151+00 TO STA. 155+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	26
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT



REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN LIMITS)

CODE	QUANTITY	UNIT	ITEM
86600600	125	FOOT	DETECTOR LOOP REPLACEMENT

CURVE 1
 PI STA. = 4+75.85
 Δ = 15° 54' 33" (RT)
 D = 7° 44' 34"
 R = 740.00'
 T = 103.40'
 E = 7.19'
 P.C. STA. = 3+72.45
 P.T. STA. = 5+77.92

CURVE 2
 PI STA. = 8+95.66
 Δ = 20° 19' 21" (LT)
 D = 8° 22' 36"
 R = 684.00'
 T = 122.59'
 L = 242.61'
 E = 10.90'
 P.C. STA. = 7+73.07
 P.T. STA. = 10+15.68

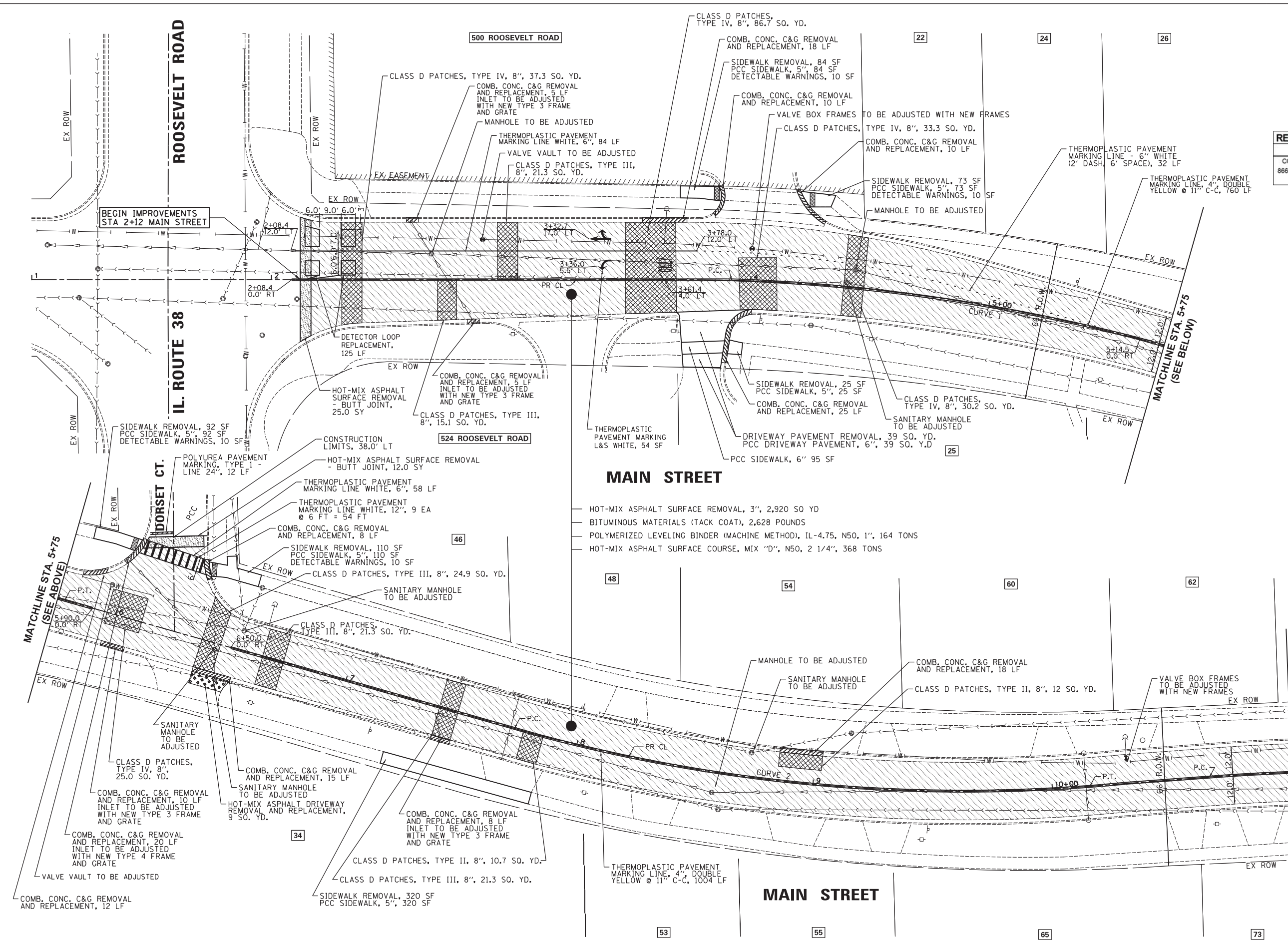


LEGEND

- HMA SURFACE REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- CONC. CURB & GUTTER REMOVAL AND REPLACEMENT
- COMB. CONC. C&G REMOVAL AND REPLACEMENT, 5 LF

NOTE:
 1. ANY SOIL EXCAVATED FROM SIDEWALK OR CURB REMOVAL IS TO REMAIN ON MAIN STREET AND PARK BOULEVARD

2. ALL VALVE VAULTS, STORM MANHOLES AND SANITARY MANHOLES SHALL HAVE NEW TYPE 1 FRAME, CLOSED LIDS



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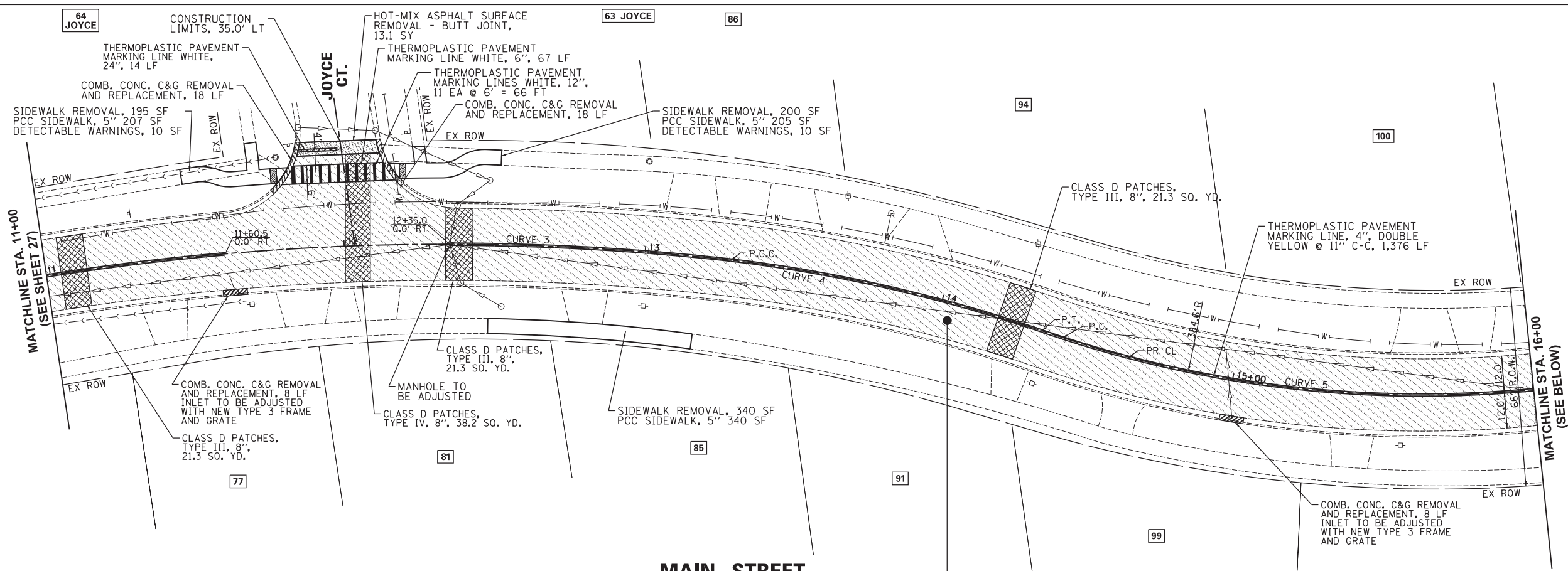
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
 PROPOSED PLAN**

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 90+00 TO STA. 95+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	27
2581				CONTRACT NO. 61E35

ILLINOIS FED. AID PROJECT

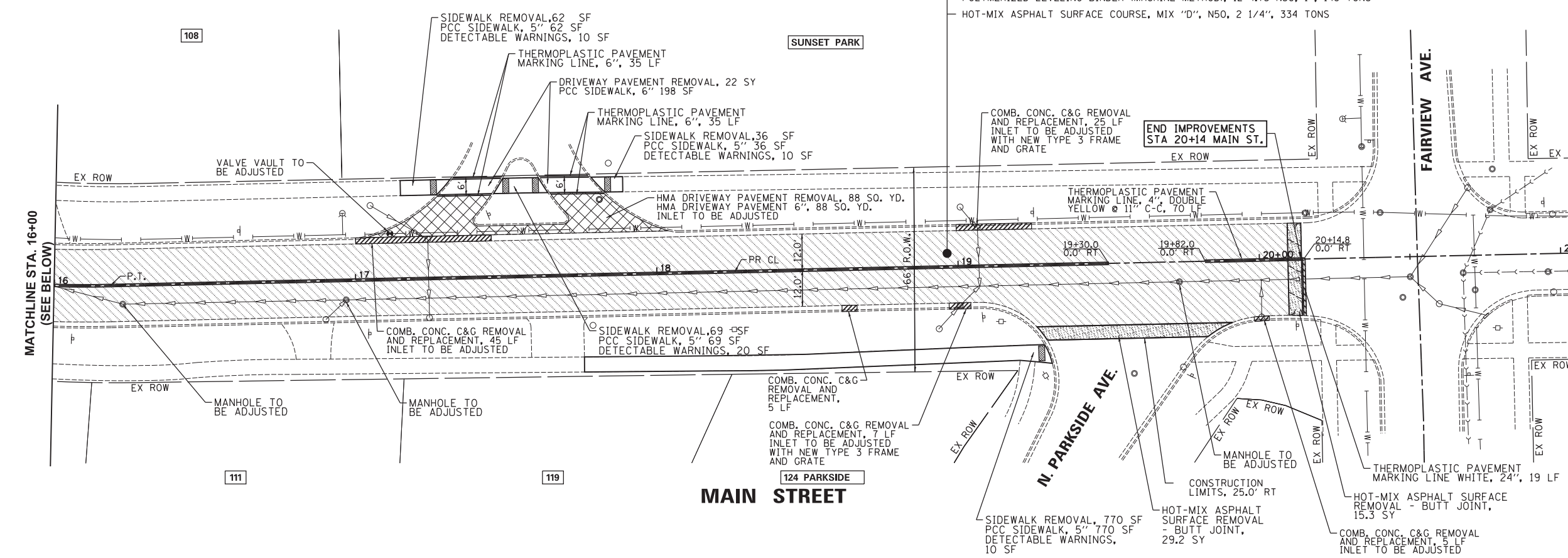
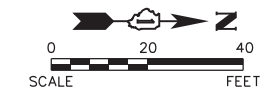


CURVE 3
 PI STA. = 11+94.35
 Δ = 17° 18' 27" (RT)
 D = 6° 46' 50"
 R = 845.00'
 T = 128.60'
 L = 255.25'
 E = 9.73'
 P.C. STA = 10+65.75
 P.C.C. STA = 13+21.00

CURVE 4
 PI STA. = 13+74.68
 Δ = 12° 15' 21" (RT)
 D = 11° 27' 33"
 R = 500.00'
 T = 53.68'
 L = 106.95'
 E = 2.87'
 P.C.C. STA = 13+21.00
 P.T. STA = 14+27.95

CURVE 5
 PI STA. = 15+31.78
 Δ = 26° 25' 17" (LT)
 D = 14° 57' 35"
 R = 383.00'
 T = 89.91'
 L = 176.62'
 E = 10.41'
 P.C. STA = 14+41.87
 P.T. STA = 16+18.49

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"; 2,650 SQ YD
- BITUMINOUS MATERIALS (TACK COAT), 2,385 POUNDS
- POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75 N50, 1", 148 TONS
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2 1/4", 334 TONS



LEGEND

- HMA SURFACE REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT
- CONC. CURB & GUTTER REMOVAL AND REPLACEMENT
- COMB. CONC. C&G REMOVAL AND REPLACEMENT, 5 LF

NOTE:
 1. ANY SOIL EXCAVATED FROM SIDEWALK OR CURB REMOVAL IS TO REMAIN ON MAIN STREET AND PARK BOULEVARD

2. ALL VALVE VAULTS, STORM MANHOLES AND SANITARY MANHOLES SHALL HAVE NEW TYPE 1 FRAME, CLOSED LIDS

P:\1111\1111\1111.dwg 1/3/2018 1:37:11 PM By: jschmidt

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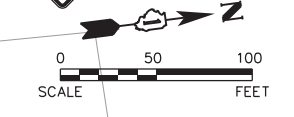
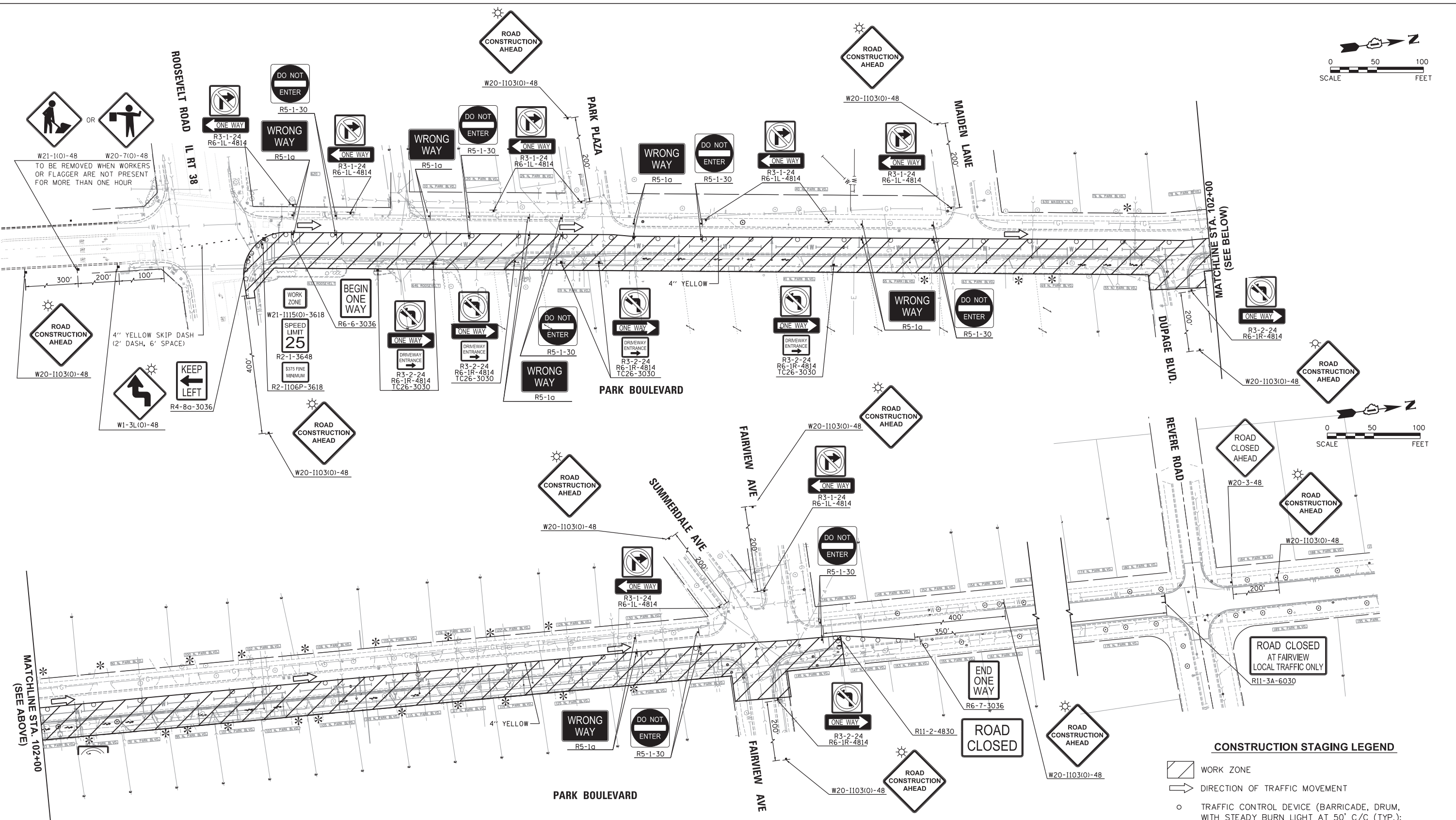
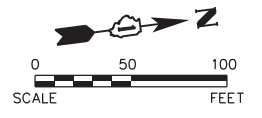
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
 PROPOSED PLAN**

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 90+00 TO STA. 95+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	28
2581				CONTRACT NO. 61E35

ILLINOIS FED. AID PROJECT



- CONSTRUCTION STAGING LEGEND**
- WORK ZONE
 - DIRECTION OF TRAFFIC MOVEMENT
 - TRAFFIC CONTROL DEVICE (BARRICADE, DRUM, WITH STEADY BURN LIGHT AT 50' C/C (TYP.); 20' C/C ON TAPERS; 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS)
 - TYPE III BARRICADE WITH 2 2-WAY FLASHING LIGHTS
 - TEMPORARY INFORMATION SIGN/TRAFFIC CONTROL SIGN
 - INSTALL ONE WAY SIGN ASSEMBLY ALL DRIVEWAYS.
R3-1-24 AND R6-1L-4814 OR
R3-2-24 AND R6-1R-4814

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DATE -	REVISED -

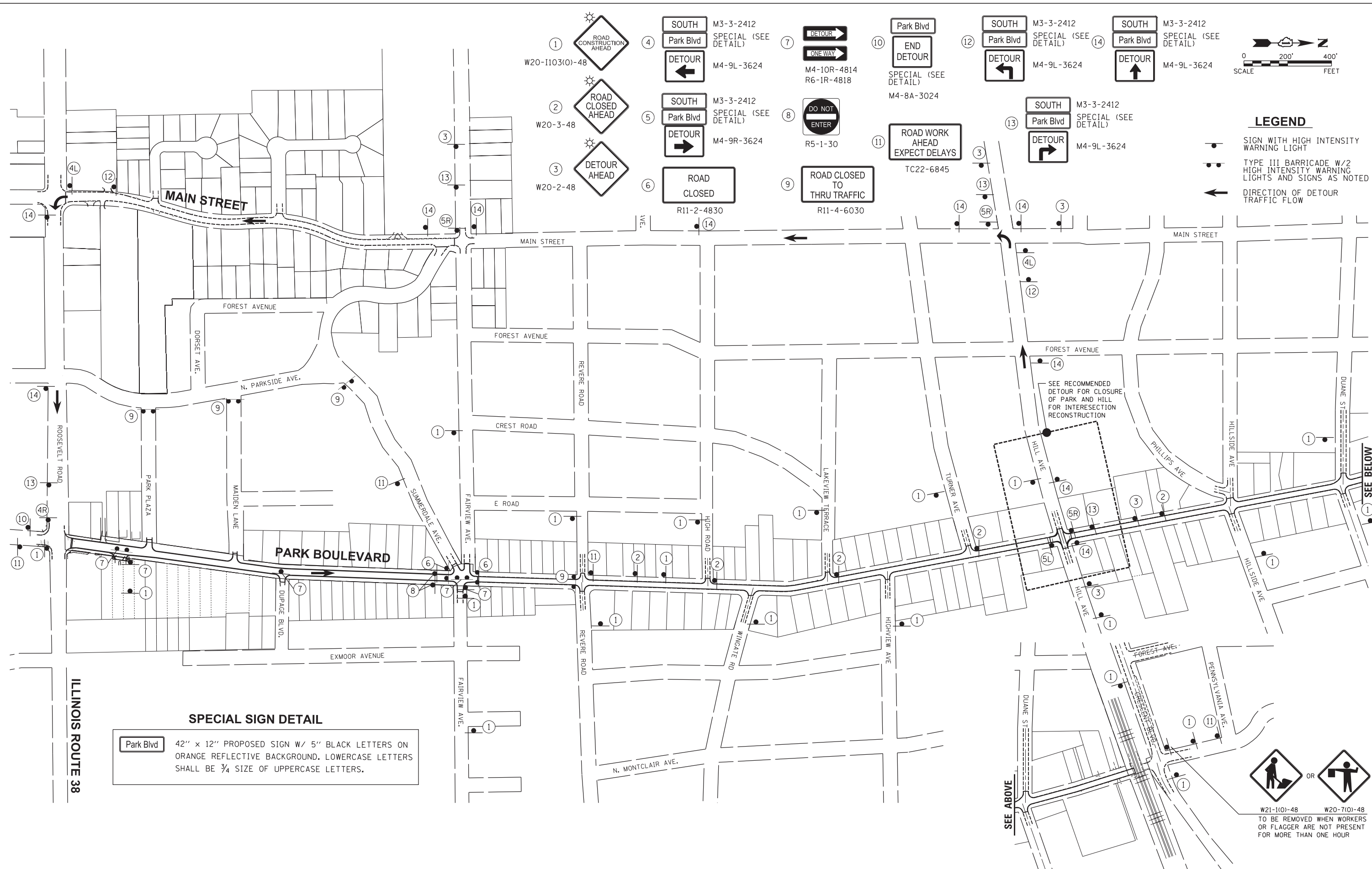
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
SUGGESTED CONSTRUCTION STAGING PLAN - STAGE 1

SCALE: 1"=50' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	30
2581				

CONTRACT NO. 61E35
 ILLINOIS FED. AID PROJECT



SPECIAL SIGN DETAIL

Park Blvd 42" x 12" PROPOSED SIGN W/ 5" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND. LOWERCASE LETTERS SHALL BE 3/4 SIZE OF UPPERCASE LETTERS.

Plot: 1/22/2018 3:44:56 PM By: jschmidt

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DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

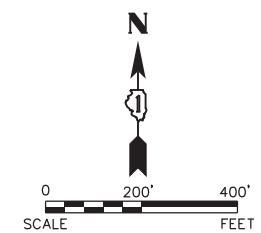
PARK BOULEVARD
STAGE 1 AND STAGE 2 DETOUR ROUTE

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	31
2581	CONTRACT NO. 61E35			

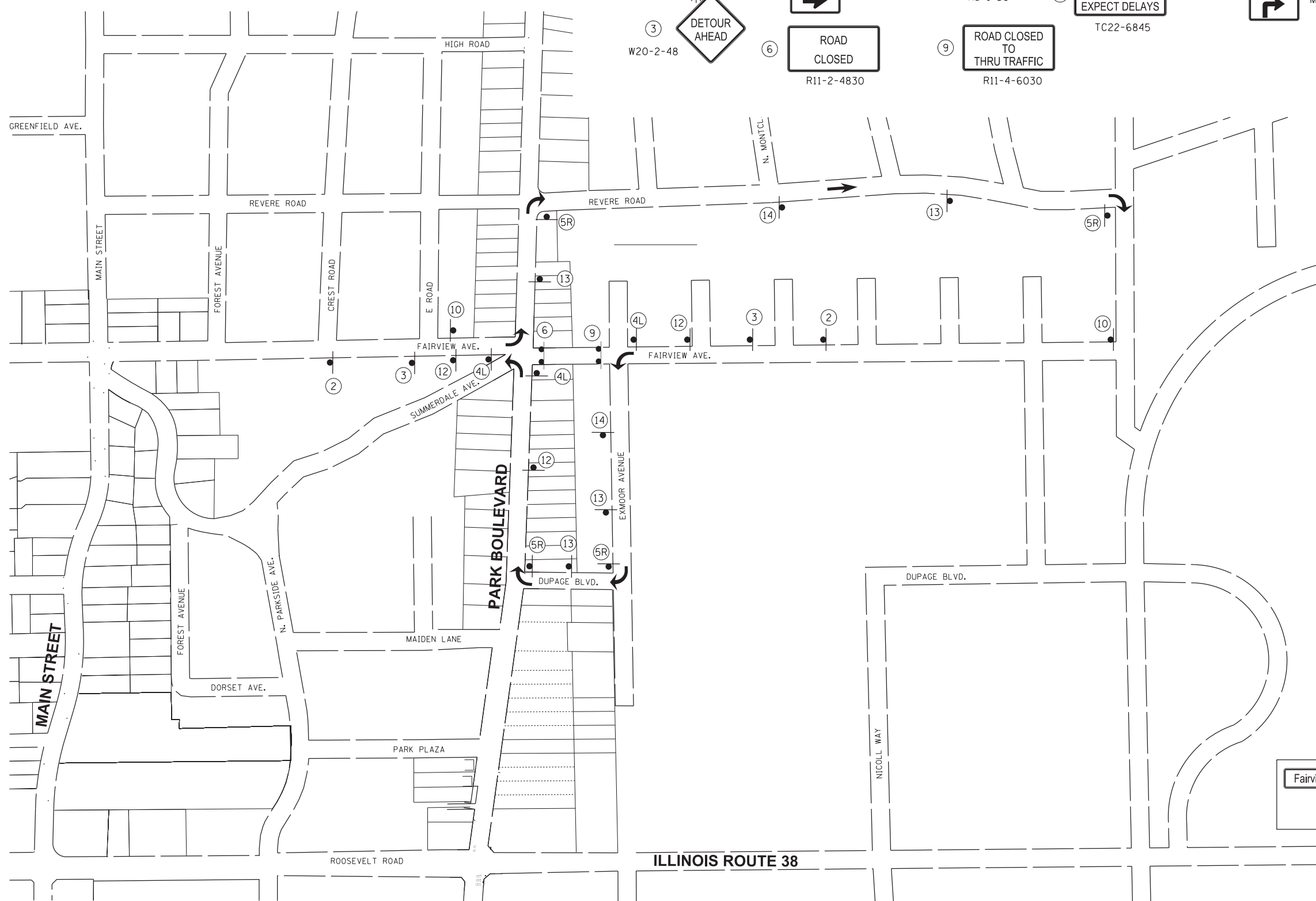
ILLINOIS FED. AID PROJECT

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- LEGEND**
- SIGN WITH HIGH INTENSITY WARNING LIGHT
 - TYPE III BARRICADE W/2 HIGH INTENSITY WARNING LIGHTS AND SIGNS AS NOTED
 - ← DIRECTION OF DETOUR TRAFFIC FLOW

- ① ROAD CONSTRUCTION AHEAD
W20-I103(O)-48
- ② ROAD CLOSED AHEAD
W20-3-48
- ③ DETOUR AHEAD
W20-2-48
- ④ Fairview Ave SPECIAL (SEE DETAIL)
M4-9L-3624
DETOUR ←
- ⑤ SOUTH Fairview Ave SPECIAL (SEE DETAIL)
M3-3-2412
DETOUR →
M4-9R-3624
- ⑥ ROAD CLOSED
R11-2-4830
- ⑦ DETOUR →
ONE-WAY →
M4-10R-4814
R6-1R-4818
- ⑧ DO NOT ENTER
R5-1-30
- ⑨ ROAD CLOSED TO THRU TRAFFIC
R11-4-6030
- ⑩ Fairview Ave END DETOUR
SPECIAL (SEE DETAIL)
M4-8A-3024
- ⑪ ROAD WORK AHEAD EXPECT DELAYS
TC22-6845
- ⑫ Fairview Ave DETOUR ↙
SPECIAL (SEE DETAIL)
M4-9L-3624
- ⑬ Fairview Ave DETOUR ↘
SPECIAL (SEE DETAIL)
M4-9L-3624
- ⑭ Fairview Ave DETOUR ↑
SPECIAL (SEE DETAIL)
M4-9L-3624



SPECIAL SIGN DETAIL

Fairview Ave. 42" x 12" PROPOSED SIGN W/ 5" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND. LOWERCASE LETTERS SHALL BE 3/4 SIZE OF UPPERCASE LETTERS.

Plot: 1/2/2018 3:44:57 PM By: jschmidt

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VILLAGE OF GLEN ELLYN
535 DUANE STREET
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

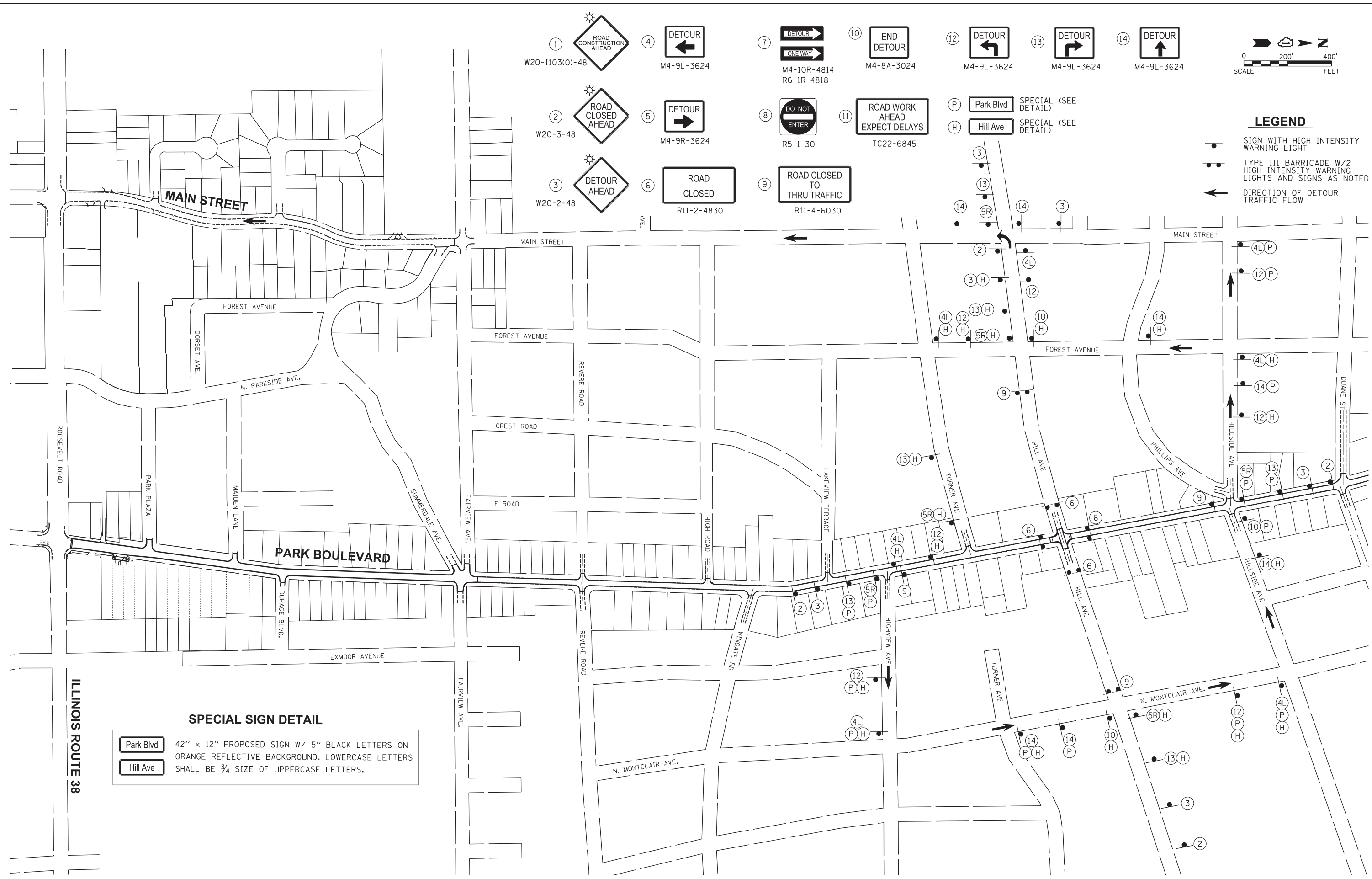
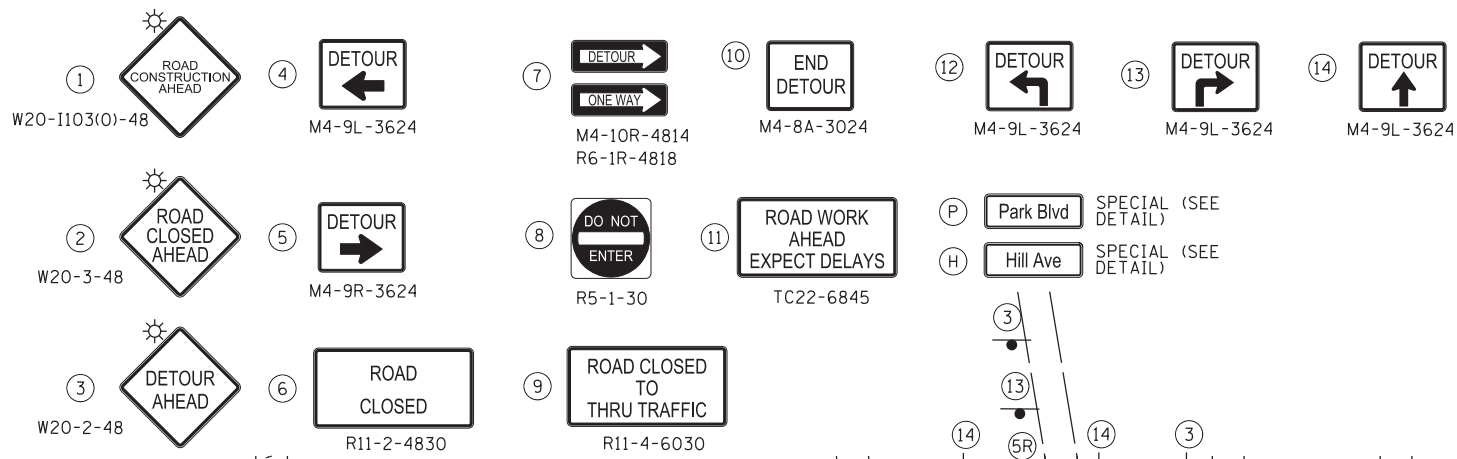
**PARK BOULEVARD
FAIRVIEW AT PARK DETOUR ROUTE
TO CONSTRUCT UNDERGROUND IMPROVEMENTS IN INTERSECTION**

SCALE: SHEET NO. 3A OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	31A
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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SPECIAL SIGN DETAIL

Park Blvd 42" x 12" PROPOSED SIGN W/ 5" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND. LOWERCASE LETTERS SHALL BE 3/4 SIZE OF UPPERCASE LETTERS.

Hill Ave

Plot: 1/2/2018 3:44:57 PM By: jschmidt

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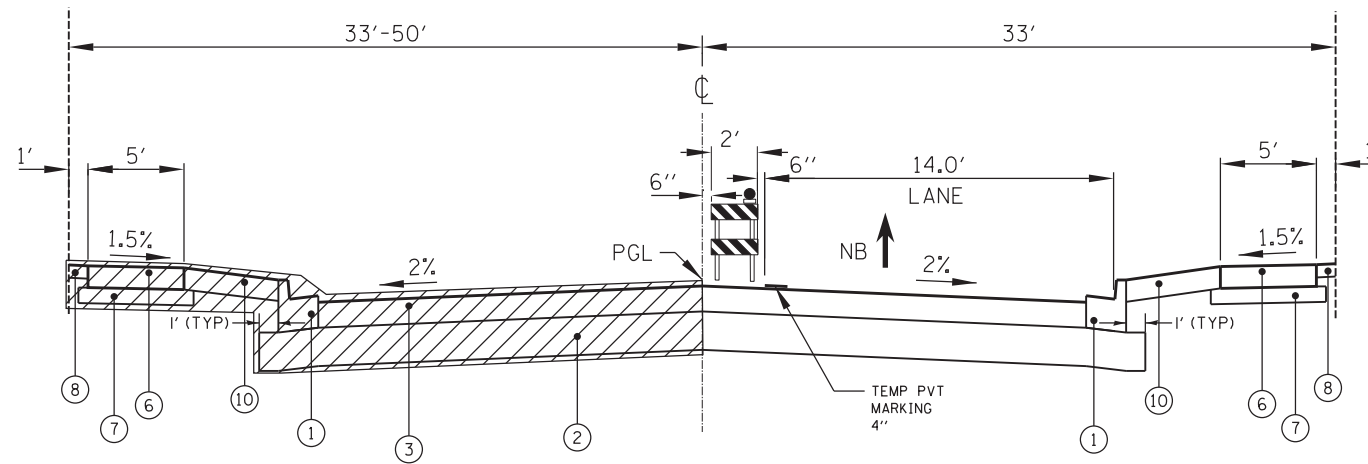
PARK BOULEVARD
RECOMMENDED DETOUR FOR CLOSURE OF PARK AND HILL
FOR INTERSECTION RECONSTRUCTION IN STAGE 1

SCALE: SHEET NO. 3B OF 3 SHEETS STA. TO STA.

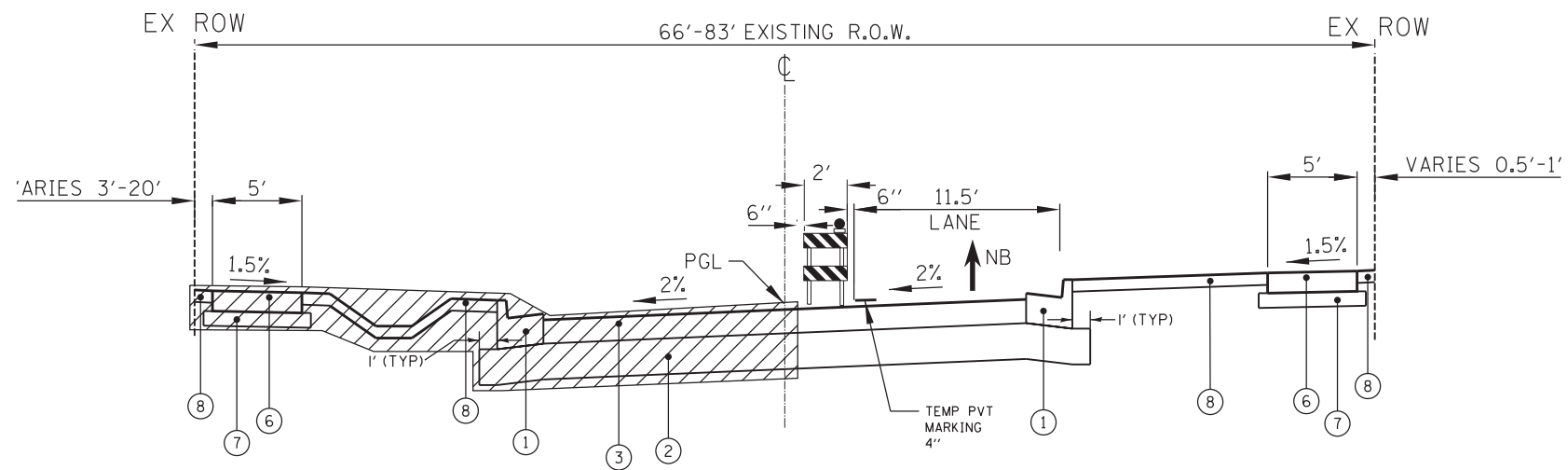
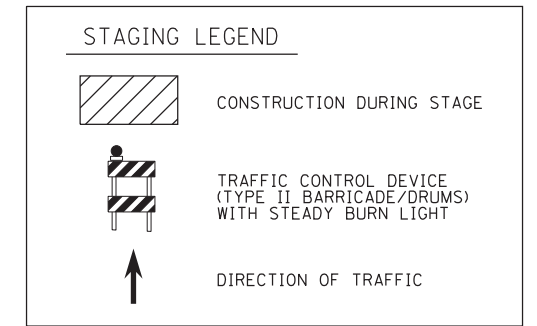
F.A.U. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	31B
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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CONSTRUCTION SECTION - STAGE 2
STATION 91+93 TO 94+70, PARK BOULEVARD



CONSTRUCTION SECTION - STAGE 2
STATION 94+70 TO 110+51, PARK BOULEVARD

STAGE 2 SUGGESTED CONSTRUCTION SEQUENCE

UPDATE CHANGEABLE MESSAGE SIGNS (4 TOTAL) ON EASTBOUND AND WESTBOUND ROOSEVELT ROAD AND ON NORTHBOUND AND SOUTHBOUND PARK BOULEVARD FIVE (5) DAYS PRIOR TO COMMENCEMENT OF WORK TO NOTIFY THE MOTORING PUBLIC CONCERNING THE UPCOMING ROADWAY CONSTRUCTION.

ESTABLISH TRAFFIC CONTROL AND PAVEMENT MARKING PER STAGE 2 PLAN AND APPLICABLE IDOT STANDARDS.

INSTALL TEMPORARY EROSION CONTROL DEVICES PER PLAN AND APPLICABLE DETAILS.

CONSTRUCT STORM SEWER AND SANITARY SEWER AS APPLICABLE WITHIN STAGE 2.

CONSTRUCT CURB AND GUTTER.

CONSTRUCT AGGREGATE SUBGRADE AND BINDER COURSE.

STAGE 3 SUGGESTED CONSTRUCTION SEQUENCE

OPEN ROADWAY TO TWO-WAY TRAFFIC.

CONSTRUCT HMA SURFACE COURSE.

COMPLETE FINAL PAVEMENT MARKING AND SIGNAGE.

COMPLETE LANDSCAPE RESTORATION.

EXISTING LEGEND

- (A) EXISTING ASPHALT PAVEMENT
- (B) EXISTING AGGREGATE BASE
- (C) EXISTING CONCRETE BASE
- (D) EXISTING CONCRETE CURB AND GUTTER
- (E) EXISTING SIDEWALK
- (F) CURB REMOVAL
- (G) EARTH EXCAVATION
- (H) SIDEWALK REMOVAL - SPOT REPAIR / LOCATIONS VARY
- (I) HOT-MIX ASPHALT SURFACE REMOVAL
- (J) EXISTING PAVERS

PROPOSED LEGEND

- (1) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (2) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (3) HOT-MIX ASPHALT BINDER COURSE, 8"
- (4) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- (5) HOT-MIX ASPHALT SURFACE COURSE, 2-1/4"
- (6) PORTLAND CEMENT CONCRETE SIDEWALK - SPOT REPAIR / LOCATIONS VARY
- (7) AGGREGATE BASE COURSE, TYPE B - SPOT REPAIR / LOCATIONS VARY
- (8) TOPSOIL, 4", SOD, FERTILIZER
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 - SPOT REPAIR / LOCATIONS VARY
- (10) PAVER REMOVAL AND REPLACEMENT
- (11) PAVEMENT MARKING LINE

Plot: 1/2/2018 3:44:57 PM By: jschmidt

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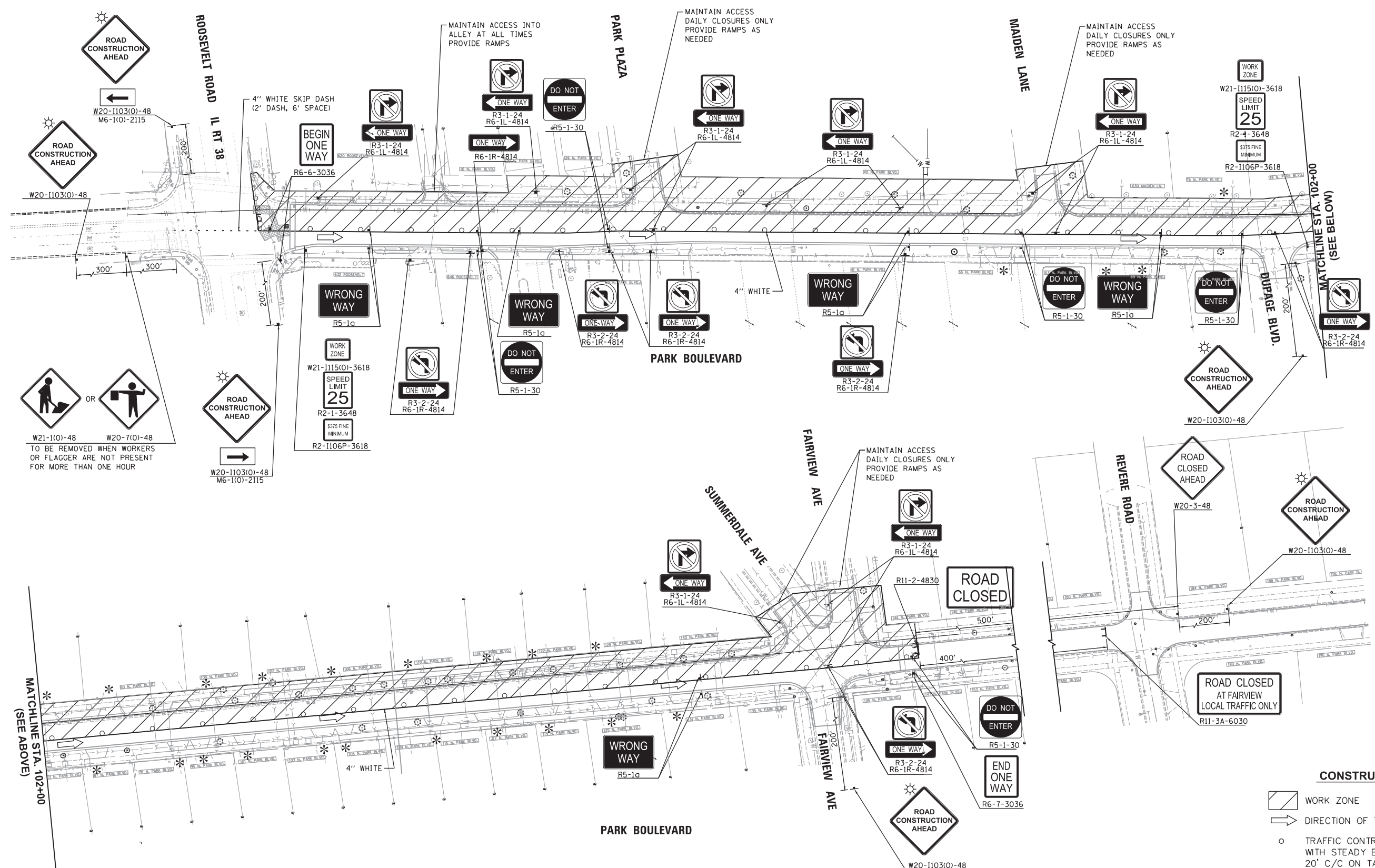
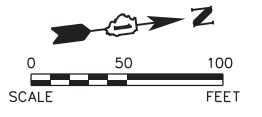
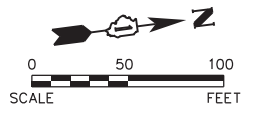
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
STAGING PLAN - STAGE 2

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	32
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT



W21-110-48 OR W20-710-48
TO BE REMOVED WHEN WORKERS
OR FLAGGER ARE NOT PRESENT
FOR MORE THAN ONE HOUR

CONSTRUCTION STAGING LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC MOVEMENT
- TRAFFIC CONTROL DEVICE (BARRICADE, DRUM, WITH STEADY BURN LIGHT AT 50' C/C (TYP.); 20' C/C ON TAPERS; 10' C/C AT INTERSECTION RETURNS AND DRIVEWAYS)
- TYPE III BARRICADE WITH 2 2-WAY FLASHING LIGHTS
- TEMPORARY INFORMATION SIGN/TRAFFIC CONTROL SIGN
- * INSTALL ONE WAY SIGN ASSEMBLY ALL DRIVEWAYS. R3-1-24 AND R6-1L-4514 OR R3-2-24 AND R6-1R-4814

Plot: 1/15/2018 4:43:29 PM By: cjh/uch

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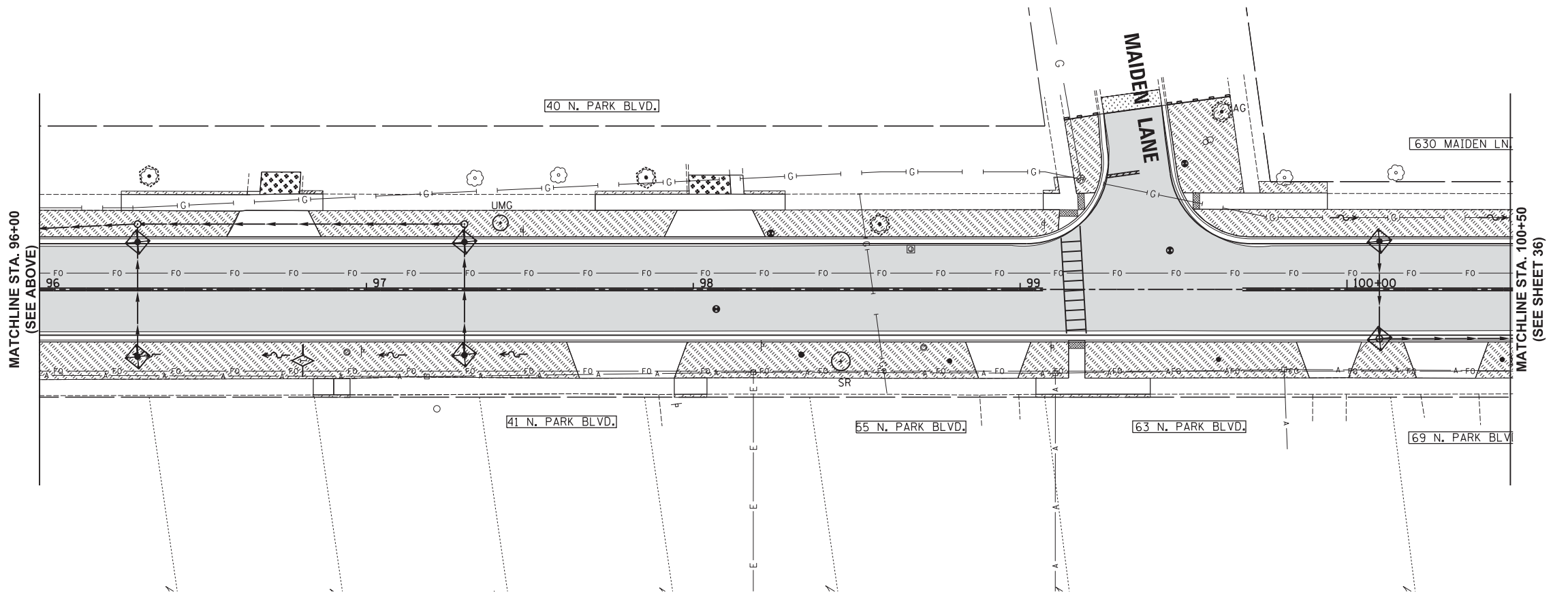
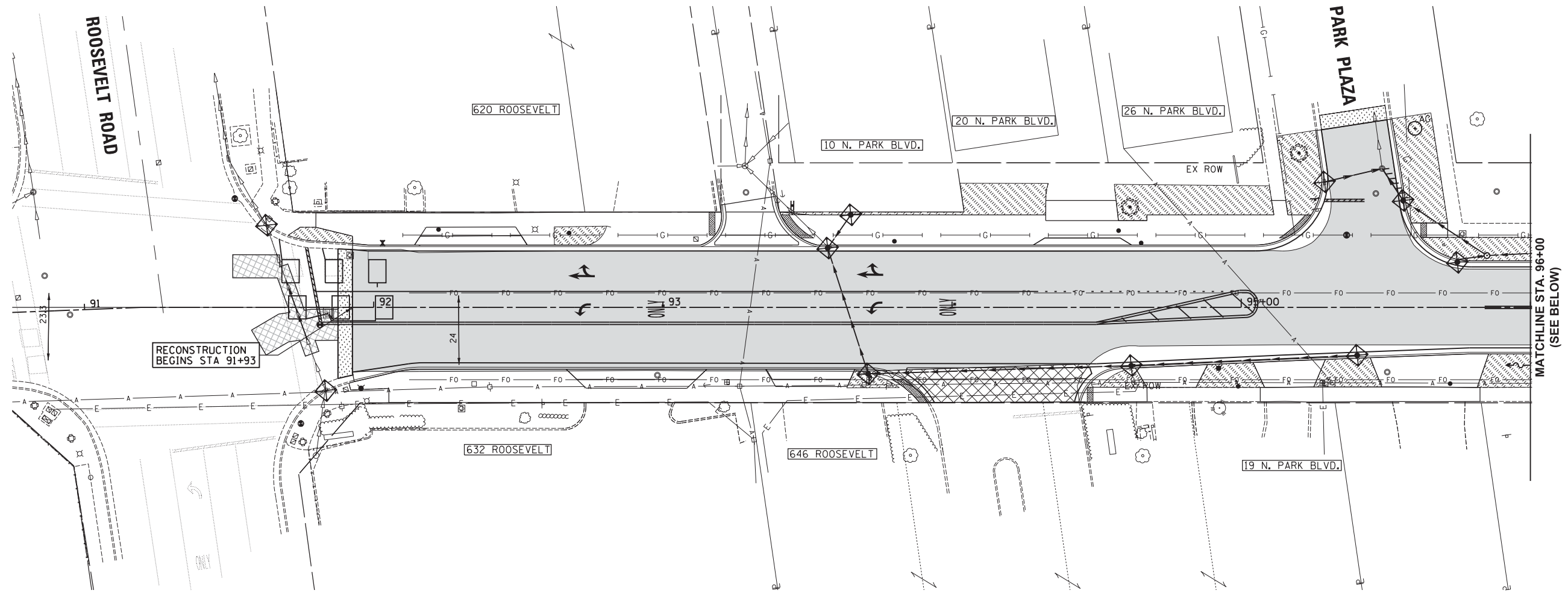
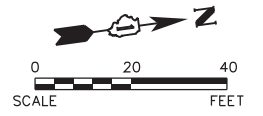
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
SUGGESTED CONSTRUCTION STAGING PLAN - STAGE 2
SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	33
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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- LEGEND**
- TOPSOIL, 4" SOD AND FERTILIZER
 - PERIMETER EROSION BARRIER
 - INLET FILTER
 - TEMPORARY DITCH CHECK
 - TREE PROTECTION
 - PROPOSED TREE
 - AG AESCULUS GLABRA (OHIO BUCK EYE)
 - UMG ULMUS MORTON GLOSSY (TRIUMPH ELM)
 - SR SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC)

- NOTES:**
- ALL AREAS RECEIVING SODDING SHALL HAVE A SPADE EDGE ALONG THE EXISTING OR NEW TREES. PROVIDE A 5' DIAMETER RING FOR EACH TREE.
 - TREE PROTECTION INDICATED IS TREE TRUNK PROTECTION AND TREE ROOT PRUNING.

Plot: 1/15/2018 4:45:12 PM By: Cjohuch

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DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
LANDSCAPING AND EROSION CONTROL PLANS

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 91+93 TO STA. 100+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	34
2581	CONTRACT NO. 61E35			

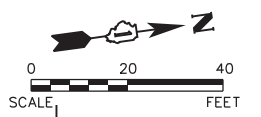
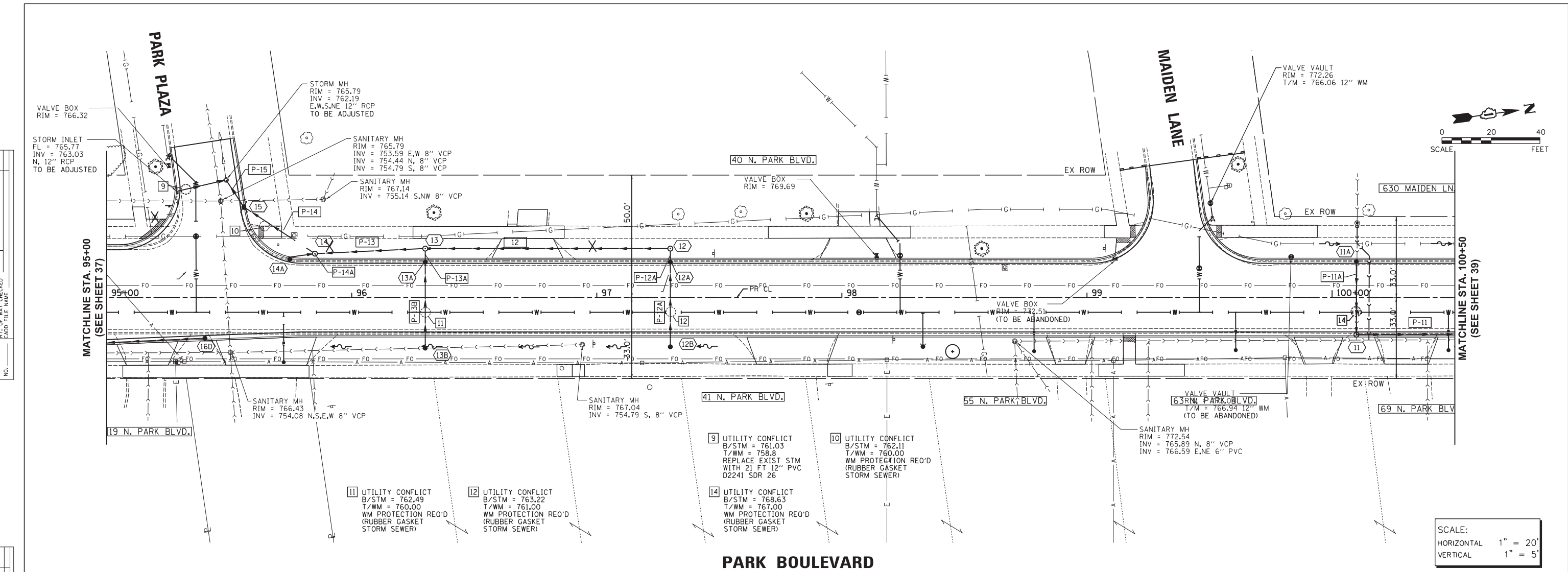
ILLINOIS FED. AID PROJECT

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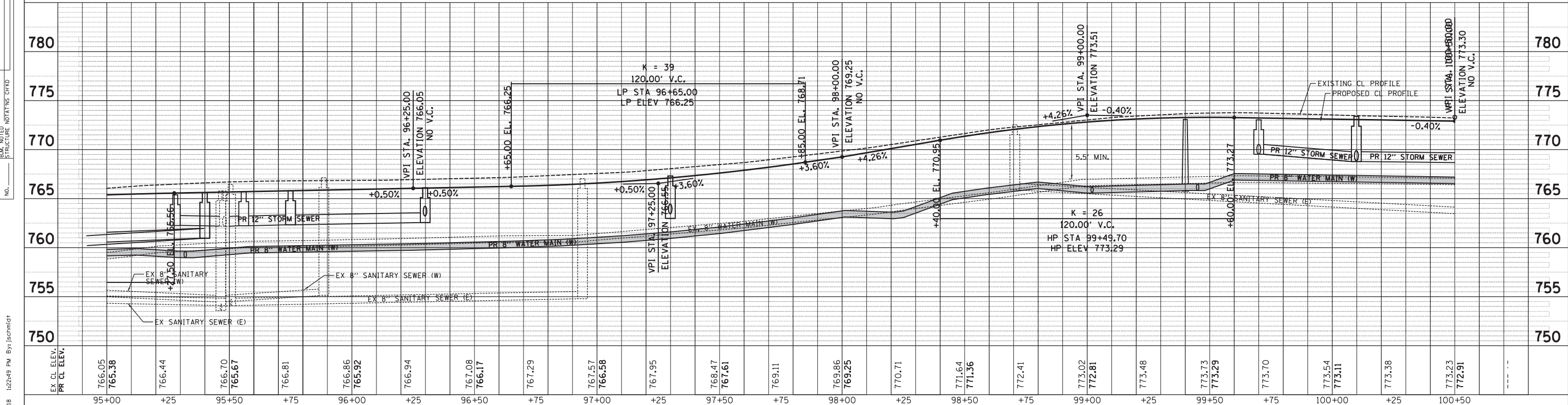
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	RT. OF WAY CHECKED		
	PAID FILE NAME		
NO.			

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE NOTATIONS CHD		
NO.			



SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'



1/22/2018 1:22:49 PM By: jschmidt
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Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeinc.com

VILLAGE OF GLEN ELLYN
 535 DUANE STREET
 GLEN ELLYN, IL 60137

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
STORM SEWER PLAN AND PROFILE
 SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 95+00 TO STA. 100+50

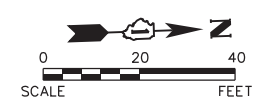
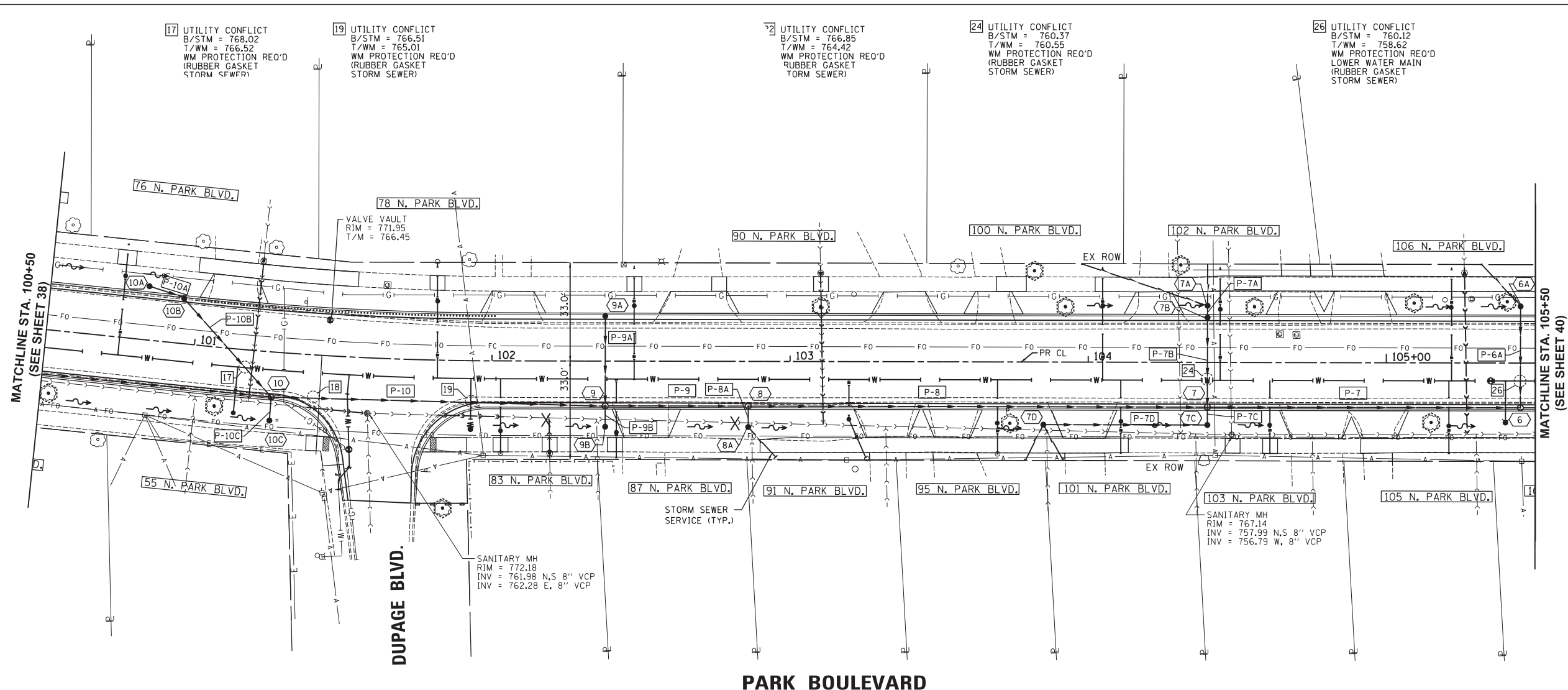
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	37
2581				CONTRACT NO. 61E35

ILLINOIS FED. AID PROJECT

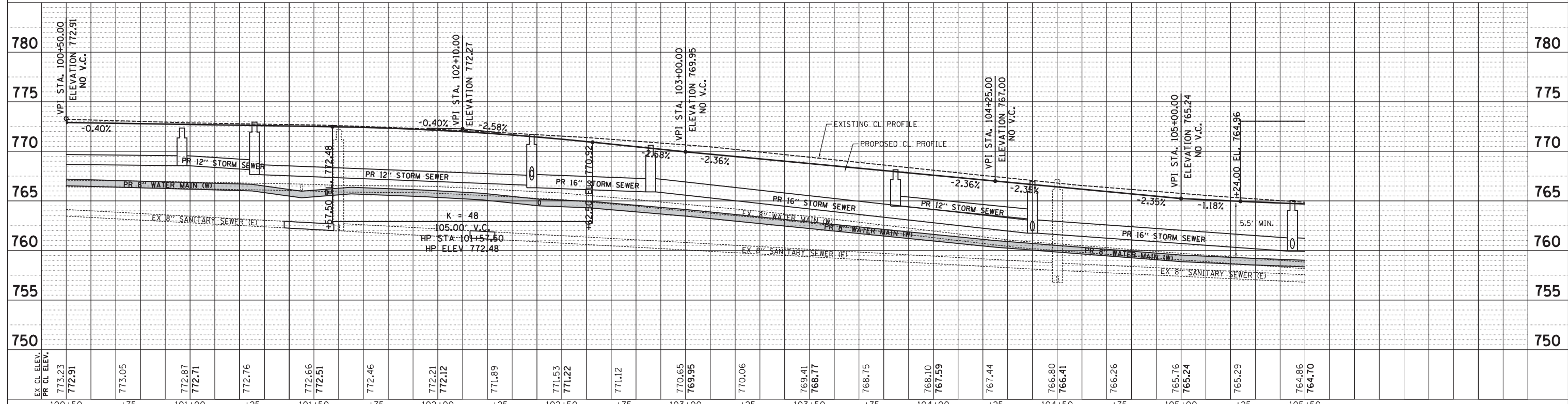
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	PLOTTED	BY
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	RT. OF WAY CHECKED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	STRUCTURE NOTATIONS CHRD	
NO.		

Plot: 1/23/2018 1:22:49 PM By: jschmidt



SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

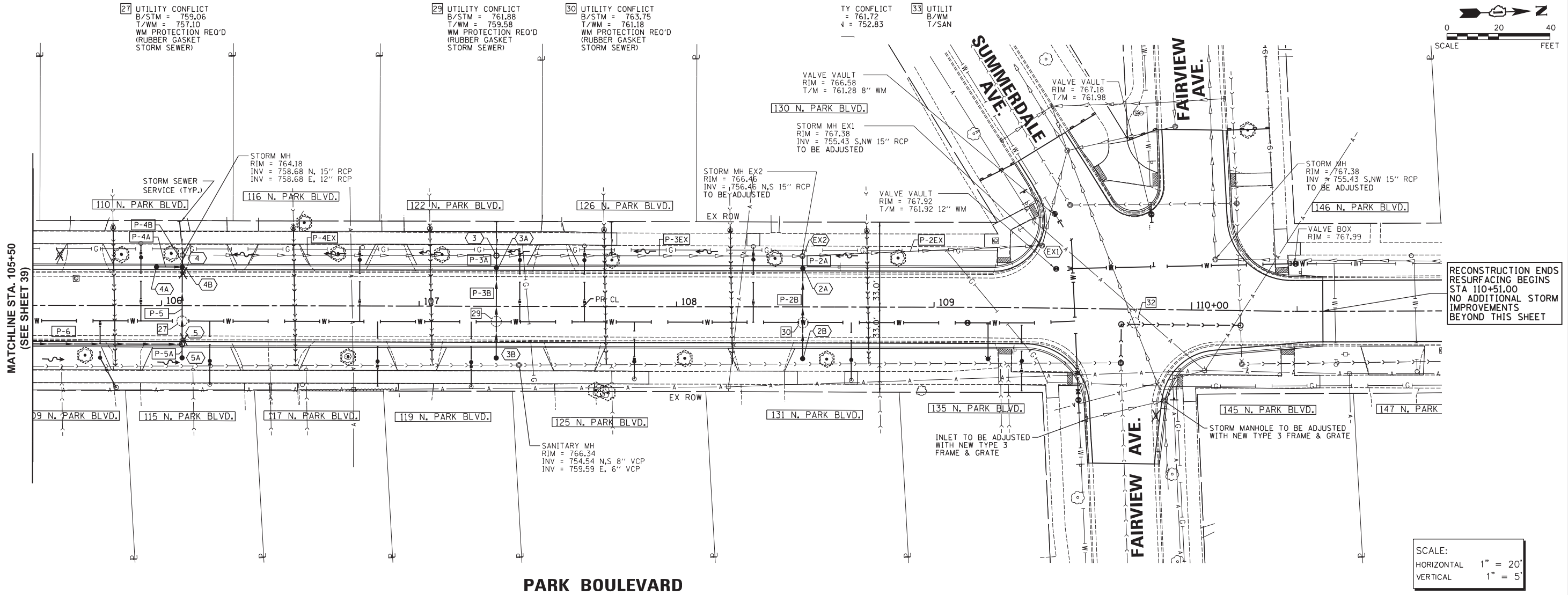


Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eeieeb.com	VILLAGE OF GLEN ELLYN 535 DUANE STREET GLEN ELLYN, IL 60137	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PARK BOULEVARD STORM SEWER PLAN AND PROFILE	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DATE -	REVISED -			2580	16-00081-00-PV	DUPAGE	79	38
SCALE: 1"=20'					SHEET NO. 3 OF 4 SHEETS		STA. 100+50 TO STA. 105+50		CONTRACT NO. 61E35	
ILLINOIS FED. AID PROJECT										

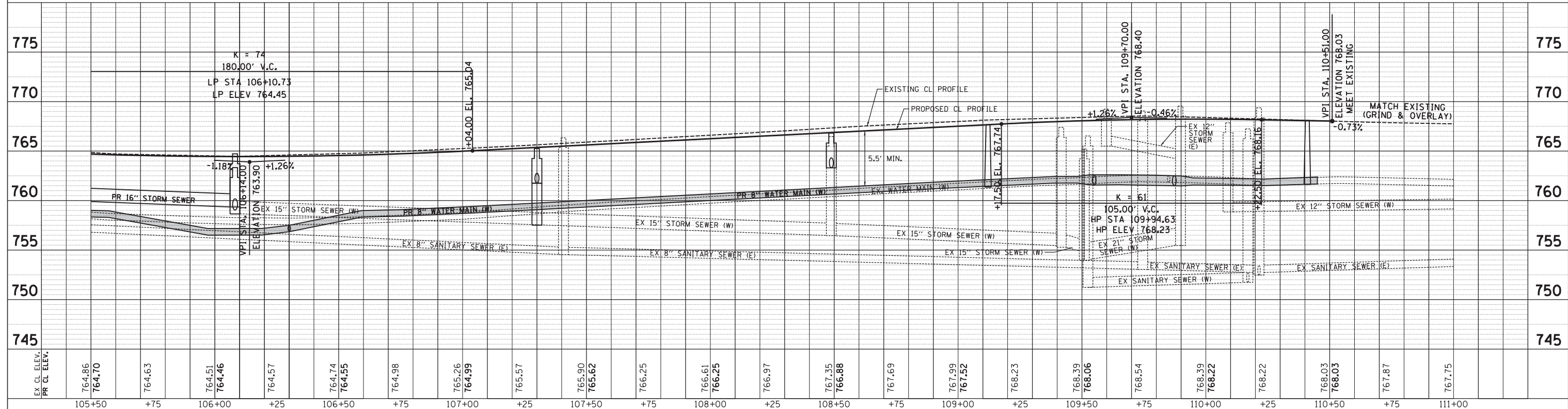
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	STRUCTURE NOTATIONS CHD		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. _____		



PARK BOULEVARD



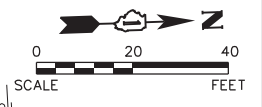
EX. CL. ELEV.	764.86	764.70	764.63	764.51	764.46	764.57	764.74	764.55	764.98	765.26	764.99	765.57	765.90	765.62	766.25	766.61	766.25	766.97	767.35	766.88	767.69	767.99	767.52	768.23	768.39	768.06	768.54	768.39	768.22	768.22	768.03	768.03	767.87	767.75	
PR CL. ELEV.																																			

<p>Engineering Enterprises, Inc. CONSULTING ENGINEERS 52 Wheeler Road Sugar Grove, Illinois 60554 630.466.6700 / www.eeieeb.com</p>	VILLAGE OF GLEN ELLYN 535 DUANE STREET GLEN ELLYN, IL 60137	DESIGNED -	REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>PARK BOULEVARD STORM SEWER PLAN AND PROFILE</p>	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
			DRAWN -			REVISED -	2580	16-00081-00-PV	DUPAGE	79	39	
			CHECKED -			REVISED -	2581					
			DATE -			REVISED -						

SCALE: 1"=20' SHEET NO. 4 OF 4 SHEETS STA. 105+50 TO STA. 111+00 ILLINOIS FED. AID PROJECT

RECONSTRUCTION ENDS
RESURFACING BEGINS
STA 110+51.00
NO ADDITIONAL STORM
IMPROVEMENTS
BEYOND THIS SHEET

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'



Plot: 1/23/2018 1:22:50 PM By: jschmidt

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DRAINAGE STRUCTURE SCHEDULE

STR NO.	STA	O/S	STRUCTURE TYPE			FRAME & GRATE (EAST JORDAN IRON WORKS)	TOP OF GRATE	N & NE INV.	E & SE INV.	S & SW INV.	W & NW INV.	SHEET NO.
			MHTYA (DIA)	CB (TYPE)	INL (TYPE)							
16	93+57.00	21.58' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	762.90	759.08	--	758.46	759.23	1
16A	93+65.00	32.00' LT	-	-	A	EJW 6527 GR	763.33	--	759.66	--	--	1
16B	93+70.00	22.45' RT	-	A	-	EJW 7000 T1 BACK & M1 GR	763.13	759.46	--	--	759.46	1
16C	94+61.00	21.45' RT	-	A	-	EJW 7000 T1 BACK & M1 GR	764.94	761.20	--	761.20	--	1
16D	95+40.00	17.64' RT	-	-	A	EJW 7000 T1 BACK & M1 GR	765.63	--	--	--	761.96	2
15	95+56.00	36.96' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	765.70	762.23	762.23	--	--	2
14	95+85.00	18.00' LT	4	-	-	EJW 1022-2 FR & LID	765.86	762.33	762.33	762.33	--	2
14A	95+75.00	16.08' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	765.43	--	--	--	762.34	2
13	96+30.00	20.00' LT	4	-	-	EJW 1022-2 FR & LID	766.12	762.56	762.56	762.56	--	2
13A	96+30.00	16.08' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	765.71	--	762.57	--	762.57	2
13B	96+30.00	20.00' RT	-	-	A	EJW 6489 GR	766.41	--	--	--	762.88	2
12	97+30.00	20.00' LT	4	-	-	EJW 1022-2 FR & LID	767.27	--	762.98	762.98	--	2
12A	97+30.00	16.08' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	766.71	--	762.99	--	762.99	2
12B	97+30.00	20.00' RT	-	-	A	EJW 6489 GR	767.56	--	--	--	763.89	2
11	100+10.00	16.08' RT	4	-	-	EJW 7000 T1 BACK & M1 GR	773.38	768.79	--	--	768.79	2
11A	100+10.00	16.08' LT	-	-	A	EJW 7000 T1 BACK & M1 GR	772.70	--	769.03	--	--	2
10	101+27.00	16.08' RT	4	-	-	EJW 7000 T1 BACK & M1 GR	772.91	766.85	768.59	767.66	768.16	3
10A	100+83.00	18.00' LT	-	-	A	EJW 6489 GR	772.54	768.87	--	--	--	3
10B	100+95.00	16.08' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	772.36	--	768.53	768.53	--	3
10C	101+27.00	22.00' RT	-	-	A	EJW 6489 GR	772.31	--	--	--	768.64	3
9	102+38.00	16.08' RT	4	-	-	EJW 7000 T1 BACK & M1 GR	771.71	766.12	767.37	766.32	767.12	3
9A	102+38.00	16.08' LT	-	-	A	EJW 7000 T1 BACK & M1 GR	771.03	--	--	--	767.36	3
9B	102+38.00	21.00' RT	-	-	A	EJW 6489 GR	771.08	--	--	--	767.41	3
8	102+86.00	16.08' RT	4	-	-	EJW 7000 T1 BACK & M1 GR	770.62	765.90	766.75	765.90	--	3
8A	102+86.00	20.00' RT	-	-	A	EJW 6489 GR	770.45	--	--	--	766.78	3
7	104+40.00	16.08' RT	4	-	-	EJW 7000 T1 BACK & M1 GR	766.96	761.74	763.17	761.74	761.99	3
7A	104+40.00	19.00' LT	-	-	A	EJW 6489 GR	765.92	--	762.25	--	--	3
7B	104+40.00	16.08' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	766.28	--	762.23	--	762.23	3
7C	104+40.00	20.00' RT	-	A	-	EJW 6489 GR	766.86	--	--	763.19	763.19	3
7D	103+85.00	20.00' RT	-	-	A	EJW 6489 GR	768.15	764.48	--	--	--	3
6	105+45.00	16.08' RT	4	-	-	EJW 7000 T1 BACK & M1 GR	765.05	759.95	--	759.95	760.20	3
6A	105+45.00	19.00' LT	-	-	A	EJW 6489 GR	764.17	--	760.50	--	--	3
5	106+08.00	16.08' RT	4	-	-	EJW 7000 T1 BACK & M1 GR	764.76	--	760.96	759.36	759.36	4
5A	106+08.00	20.00' RT	-	-	A	EJW 6489 GR	764.66	760.99	--	--	--	4
4	106+08.17	19.63' LT	EXIST	-	-	EJW 6489 GR	763.84	758.68	759.10	--	--	4
4A	105+98.00	16.08' LT	-	-	A	EJW 7000 T1 BACK & M1 GR	764.09	760.42	--	--	--	4
4B	106+08.00	16.08' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	764.08	--	759.12	760.35	759.12	4
3	107+30.00	19.70' LT	4	-	-	EJW 6489 GR	764.88	757.56	761.21	757.56	--	4
3A	107+30.00	16.08' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	765.00	--	761.31	--	761.31	4
3B	107+30.00	20.00' RT	-	-	A	EJW 6527 GR	766.39	--	--	--	762.72	4
2	108+48.83	19.76' LT	EXIST	-	-	EJW 6489 GR	766.25	756.46	762.58	756.46	--	4
2A	108+49.00	16.08' LT	-	A	-	EJW 7000 T1 BACK & M1 GR	766.50	--	762.68	--	762.68	4
2B	108+49.00	20.00' RT	-	-	A	EJW 6527 GR	767.76	--	--	--	764.09	4

STORM SEWER SCHEDULE

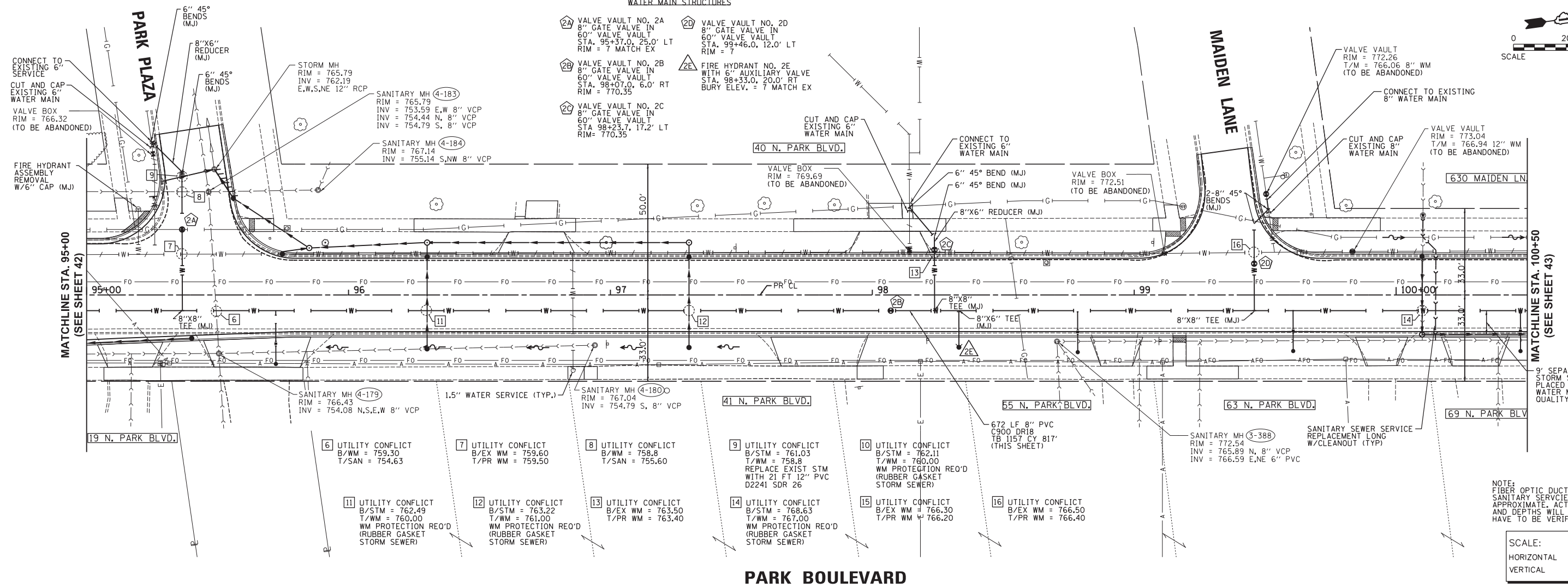
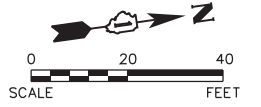
NO.	U/S STR NO.	U/S STA	U/S O/S	U/S ELEVATION	D/S STR. NO.	D/S STA	D/S O/S	D/S ELEVATION	DIA (INCHES)	LENGTH (FEET)	MATERIAL	CLASS AND TYPE	SLOPE (FT/FT)	TRENCH BACKFILL (CY)	TRENCH BACKFILL LENGTH	SHEET NO.
P-16B	16B	93+70.00	22.45' RT	759.46	16	93+57.00	21.58' LT	759.08	12	38	PVC	2241, T-1	1.00%	4.4	38	1
P-16C	16C	94+61.00	21.45' RT	761.20	16B	93+70.00	22.45' RT	759.46	12	87	RCP	C IV, T-1	2.00%	9.7	87	1
P-16D	16D	95+40.00	17.64' RT	761.96	16C	94+61.00	21.45' RT	761.20	12	76	RCP	C IV, T-1	1.00%	8.5	76	2
P-15	15	95+56.00	36.96' LT	762.23	EX STR.	95+48.73	48.00' LT	762.19	12	9	RCP	C IV, T-1	0.44%	0.8	9	2
P-14	14	95+85.00	18.00' LT	762.33	15	95+56.00	36.96' LT	762.23	12	31	RCP	C IV, T-1	0.32%	1.9	21	2
P-14A	14A	95+75.00	16.08' LT	762.34	14	95+85.00	18.00' LT	762.33	12	2	RCP	C IV, T-1	0.50%	0.1	2	2
P-13	13	96+30.00	20.00' LT	762.56	14	95+85.00	18.00' LT	762.33	12	51	RCP	C IV, T-1	0.45%	0.0	0	2
P-13A	13A	96+30.00	16.08' LT	762.57	13	96+30.00	20.00' LT	762.56	12	2	RCP	C IV, T-1	0.50%	0.1	2	2
P-13B	13B	96+30.00	20.00' RT	762.88	13A	96+30.00	16.08' LT	762.57	12	31	RCP	C IV, T-1	1.00%	2.3	31	2
P-12	12	97+30.00	20.00' LT	762.98	13	96+30.00	20.00' LT	762.56	12	96	RCP	C IV, T-1	0.44%	0.0	0	2
P-12A	12A	97+30.00	16.08' LT	762.99	12	97+30.00	20.00' LT	762.98	12	2	RCP	C IV, T-1	0.50%	0.3	2	2
P-12B	12B	97+30.00	20.00' RT	763.89	12A	97+30.00	16.08' LT	762.99	12	31	RCP	C IV, T-1	2.90%	3.4	31	2
P-11	11	100+10.00	16.08' RT	768.79	10	101+27.00	16.08' RT	767.66	12	113	PVC	2241, T-2	1.00%	27.0	113	2
P-11A	11A	100+10.00	16.08' LT	769.03	11	100+10.00	16.08' RT	768.79	12	24	RCP	C IV, T-1	1.00%	3.7	24	2
P-10	10	101+27.00	16.08' RT	766.85	9	102+38.00	16.08' RT	766.32	12	107	PVC	2241, T-2	0.50%	54.4	107	3
P-10A	10A	100+83.00	18.00' LT	768.87	10B	100+95.00	16.08' LT	768.53	12	34	RCP	C IV, T-1	1.00%	4.0	34	3
P-10B	10B	100+95.00	16.08' LT	768.53	10	101+27.00	16.08' RT	768.16	12	37	PVC	2241, T-2	1.00%	6.4	37	3
P-10C	10C	101+27.00	22.00' RT	768.64	10	101+27.00	16.08' RT	768.59	12	5	RCP	C IV, T-1	1.00%	0.7	5	3
P-9	9	102+38.00	16.08' RT	766.12	8	102+86.00	16.08' RT	765.90	16	44	PVC	C9C5 DR25, T-2	0.50%	17.8	44	3
P-9A	9A	102+38.00	16.08' LT	767.36	9	102+38.00	16.08' RT	767.12	12	24	RCP	C IV, T-1	1.00%	3.7	24	3
P-9B	9B	102+38.00	21.00' RT	767.41	9	102+38.00	16.08' RT	767.37	12	4	RCP	C II, T-2	1.00%	1.0	4	3
P-8	8	102+86.00	16.08' RT	765.90	7	104+40.00	16.08' RT	761.74	16	150	PVC	C9C5 DR25, T-1	2.77%	36.1	150	3
P-8A	8A	102+86.00	20.00' RT	766.78	8	102+86.00	16.08' RT	766.75	12	3	RCP	C II, T-2	1.00%	0.4	3	3
P-7	7	104+40.00	16.08' RT	761.74	6	105+45.00	16.08' RT	759.95	16	101	PVC	C9C5 DR25, T-2	1.77%	41.0	101	3
P-7A	7A	104+40.00	19.00' LT	762.25	7B	104+40.00	16.08' LT	762.23	12	2	RCP	C IV, T-1	1.00%	0.3	2	3
P-7B	7B	104+40.00	16.08' LT	762.23	7	104+40.00	16.08' RT	761.99	12	24	RCP	C II, T-2	1.00%	4.7	24	3
P-7C	7C	104+40.00	20.00' RT	763.19	7	104+40.00	16.08' RT	763.17	12	2	RCP	C IV, T-1	1.00%	0.2	2	3
P-7D	7D	103+85.00	20.00' RT	764.48	7C	104+40.00	20.00' RT	763.19	12	52	RCP	C IV, T-1	2.48%	5.6	52	3
P-6	6	105+45.00	16.08' RT	759.95	5	106+08.00	16.08' RT	759.36	16	59	PVC	C9C5 DR25, T-2	1.00%	24.9	59	3
P-6A	6A	105+45.00	19.00' LT	760.50	6	105+45.00	16.08' RT	760.20	12	30	RCP	C II, T-2	1.00%	5.1	30	3
P-5	5	106+08.00	16.08' RT	759.36	4B	106+08.00	16.08' LT	759.12	15	24	RCP	C II, T-2	1.00%	9.9	24	4
P-5A	5A	106+08.00	20.00' RT	760.99	5	106+08.00	16.08' RT	760.96	12	3	RCP	C IV, T-1	1.00%	0.3	3	4
P-4	4	106+08.17	19.63' LT	758.68	3	107+30.00	19.70' LT	757.56	15	118	RCP	EX PIPE	0.95%	EX PIPE	EX PIPE	4
P-4A	4A	105+98.00	16.08' LT	760.42	4B	106+08.00	16.08' LT	760.35	12	7	RCP	C IV, T-1	1.00%	0.8	7	4
P-4B	4B	106+08.00	16.08' LT	759.12	4	106+08.17	19.63' LT	759.10	15	2	RCP	C II, T-2	1.00%	0.5	2	4
P-3	3	107+30.00	19.70' LT	757.56	2	108+48.83	19.76' LT	756.46	15	115	RCP	EX PIPE	0.96%	EX PIPE	EX PIPE	4
P-3A	3A	107+30.00	16.08' LT	761.31	3	107+30.00	19.70' LT	761.21	12	2	RCP	C IV, T-1	5.00%	0.2	2	4
P-3B	3B	107+30.00	20.00' RT	762.72	3A	107+30.00	16.08' LT	761.31	12	31	RCP	C IV, T-1	4.55%	3.4	31	4
P-2	2	108+48.83	19.76' LT	756.46	EX STR.	109+41.63	24.23' LT	755.43	15	89	RCP	EX PIPE	1.16%	EX PIPE	EX PIPE	4
P-2A	2A	108+49.00	16.08' LT	762.68	2	108+48.83	19.76' LT	762.58	12	2	RCP	C IV, T-1	5.00%	0.2	2	4
P-2B	2B	108+49.00	20.00' RT	7												

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	BY		
	DATE		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	BY		
	DATE		

SCHEDULE OF WATER MAIN STRUCTURES

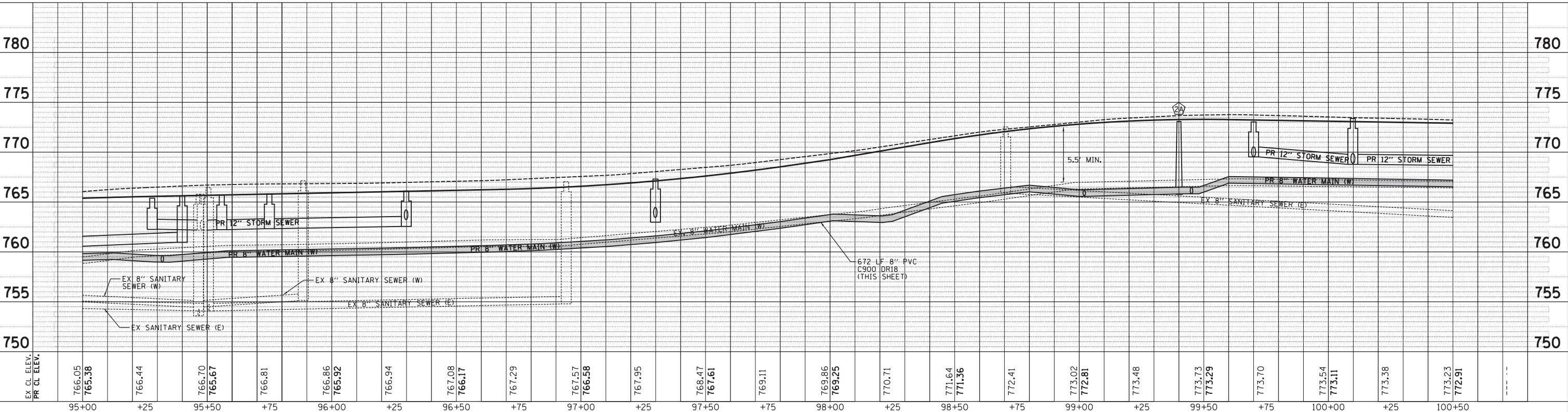
- 2A VALVE VAULT NO. 2A
8" GATE VALVE IN
60" VALVE VAULT
STA. 95+37.0, 25.0' LT
RIM = 7 MATCH EX
- 2B VALVE VAULT NO. 2B
8" GATE VALVE IN
60" VALVE VAULT
STA. 98+07.0, 6.0' RT
RIM = 770.35
- 2C VALVE VAULT NO. 2C
8" GATE VALVE IN
60" VALVE VAULT
STA. 98+23.7, 17.2' LT
RIM = 770.35
- 2D VALVE VAULT NO. 2D
8" GATE VALVE IN
60" VALVE VAULT
STA. 99+46.0, 12.0' LT
RIM = 7
- 2E FIRE HYDRANT NO. 2E
WITH 6" AUXILIARY VALVE
STA. 98+33.0, 20.0' RT
BURY ELEV. = 7 MATCH EX



NOTE:
FIBER OPTIC DUCT, WATER AND
SANITARY SERVICE LOCATIONS ARE
APPROXIMATE, ACTUAL LOCATIONS
AND DEPTHS WILL VARY AND WILL
HAVE TO BE VERIFIED IN THE FIELD.

SCALE:
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

PARK BOULEVARD



101405 AM By: jschmidt
 1/23/2018

Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeinc.com

VILLAGE OF GLEN ELLYN
 535 DUANE STREET
 GLEN ELLYN, IL 60137

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
WATER AND SANITARY PLAN AND PROFILE

SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. 95+00 TO STA. 100+50

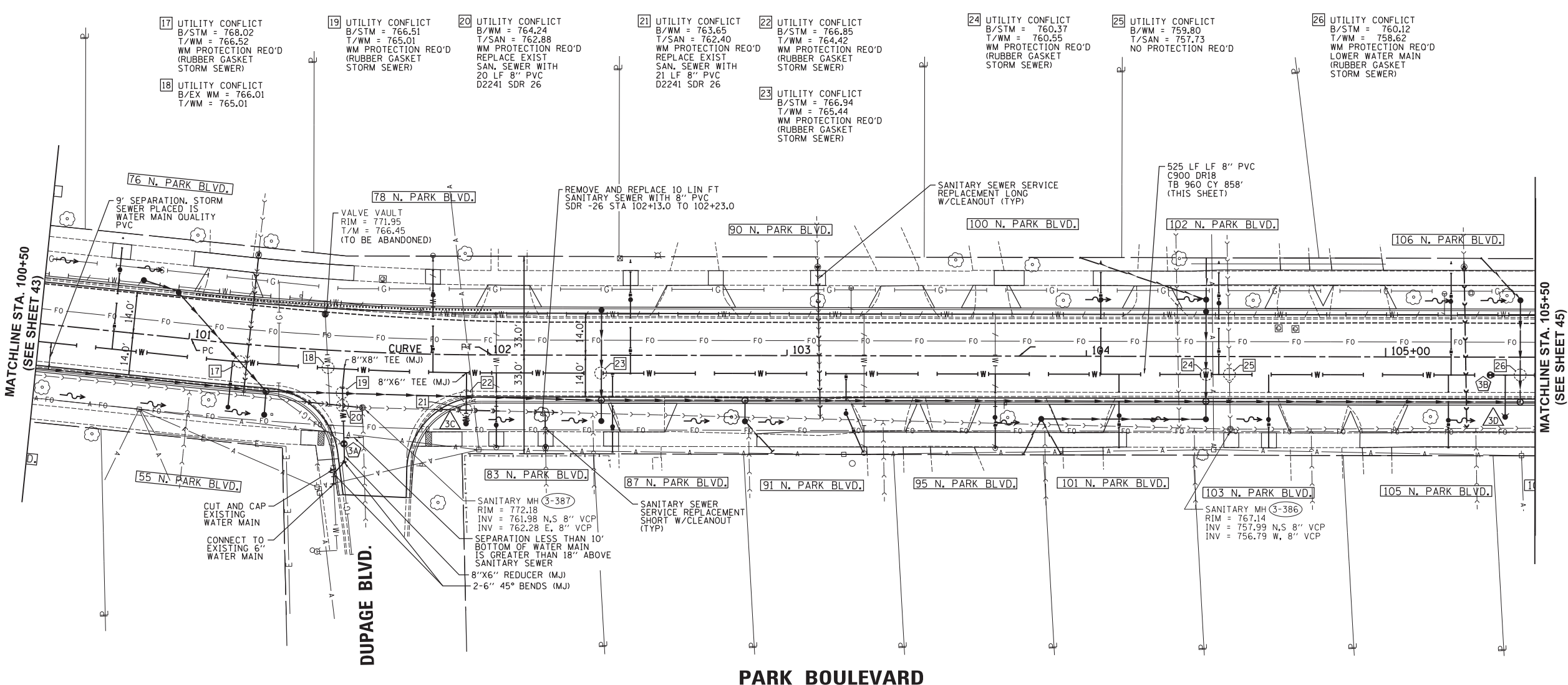
F.A.U. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	42
2581				CONTRACT NO. 61E35

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	PAID FILE NAME		
NO.			

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE NOTATIONS CHRD		
NO.			

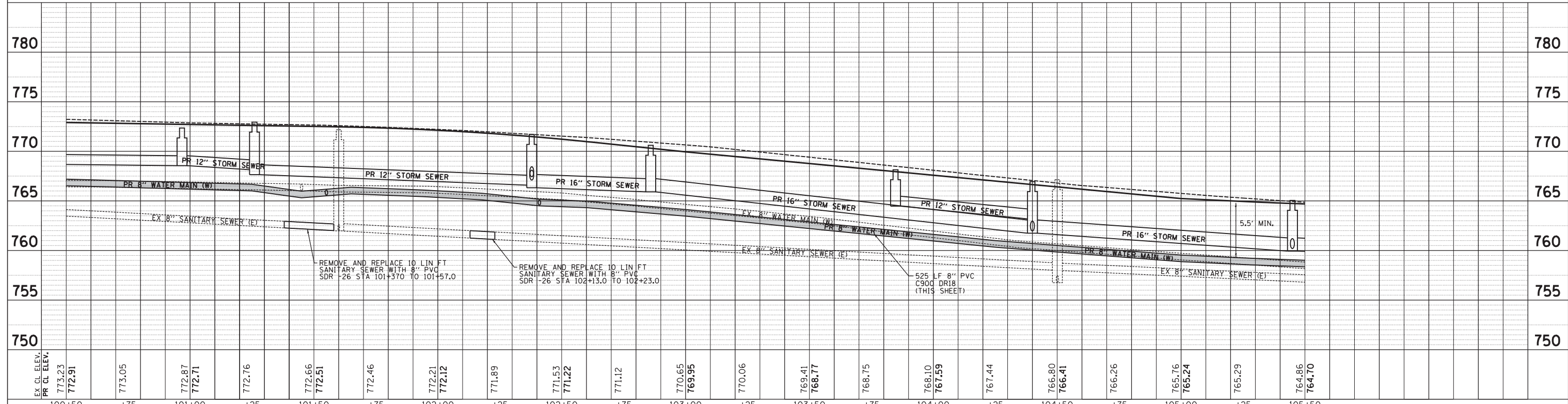
P:\11\113\113018 101406 AMBy:jschmidt
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- SCHEDULE OF WATER MAIN STRUCTURES**
- 3A VALVE VAULT NO. 3A 8" GATE VALVE IN 60" VALVE VAULT STA. 101+53.0, 31.0' RT RIM = 772.10
 - 3B VALVE VAULT NO. 3B 8" GATE VALVE IN 60" VALVE VAULT STA. 105+35, 6.0' RT RIM = 772.10
 - 3C FIRE HYDRANT NO. 3C WITH 6" AUXILIARY VALVE STA. 101+93.0, 23.0' RT BURY ELEV. = 771.60
 - 3D FIRE HYDRANT NO. 3D WITH 6" AUXILIARY VALVE STA. 105+40.0, 20.0' RT BURY ELEV. = 765.20

NOTE: FIBER OPTIC DUCT, WATER AND SANITARY SERVICE LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS AND DEPTHS WILL VARY AND WILL HAVE TO BE VERIFIED IN THE FIELD.

SCALE:
 HORIZONTAL 1" = 20'
 VERTICAL 1" = 5'



EX. CL. ELEV.	773.23	772.91	773.05	772.87	772.71	772.76	772.66	772.51	772.46	772.21	772.12	771.89	771.53	771.22	771.12	770.65	769.95	770.06	769.41	768.77	768.75	768.10	767.59	767.44	766.80	766.41	766.26	765.76	765.24	765.29	764.86	764.70
PR CL. ELEV.	773.23	772.91	773.05	772.87	772.71	772.76	772.66	772.51	772.46	772.21	772.12	771.89	771.53	771.22	771.12	770.65	769.95	770.06	769.41	768.77	768.75	768.10	767.59	767.44	766.80	766.41	766.26	765.76	765.24	765.29	764.86	764.70
STATION	100+50	+75	101+00	+25	101+50	+75	102+00	+25	102+50	+75	103+00	+25	103+50	+75	104+00	+25	104+50	+75	105+00	+25	105+50											

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DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

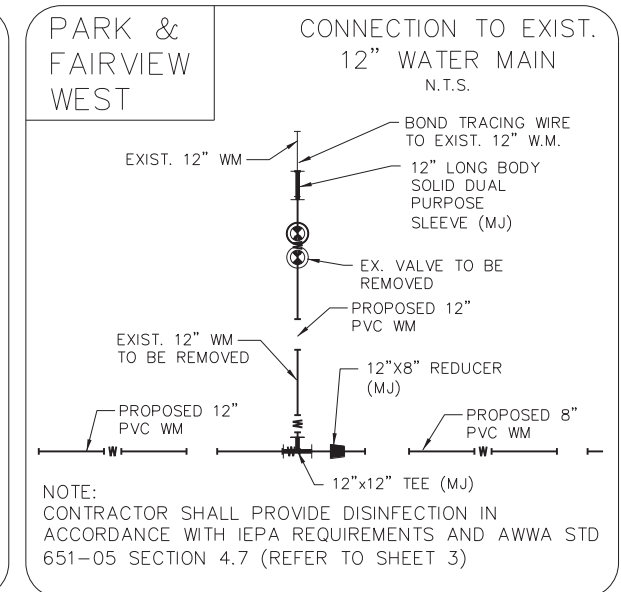
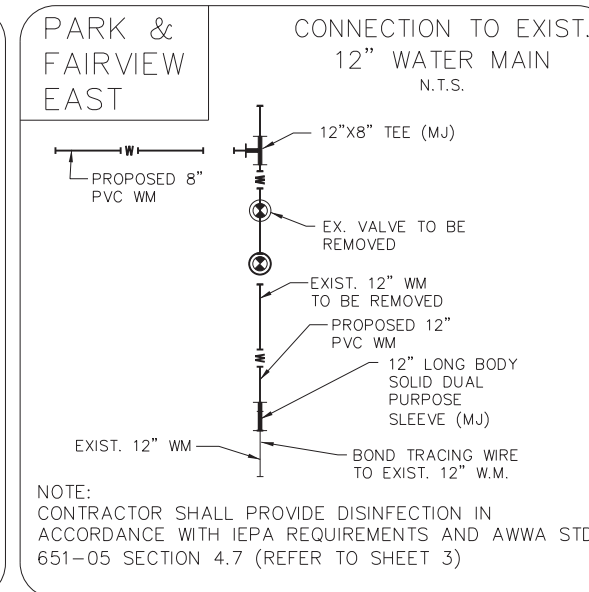
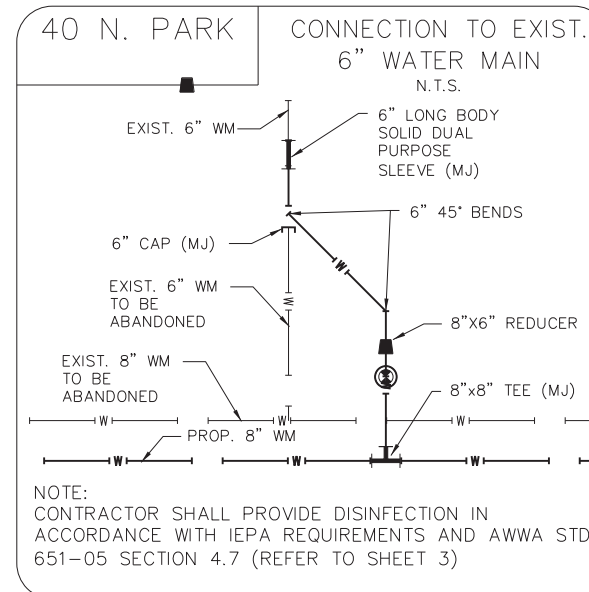
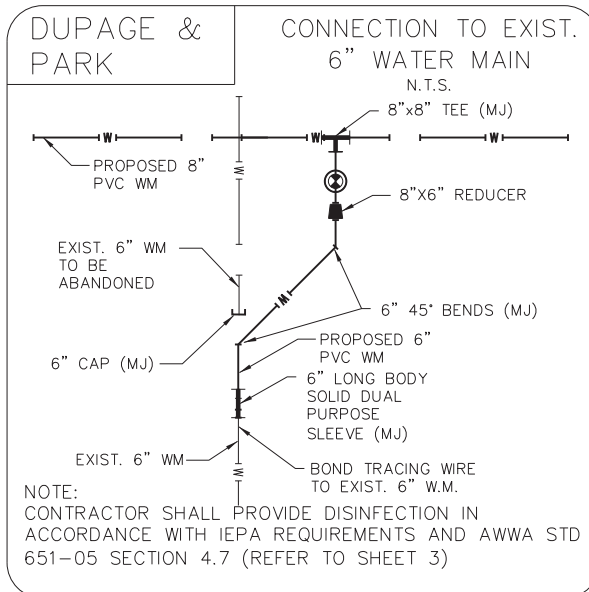
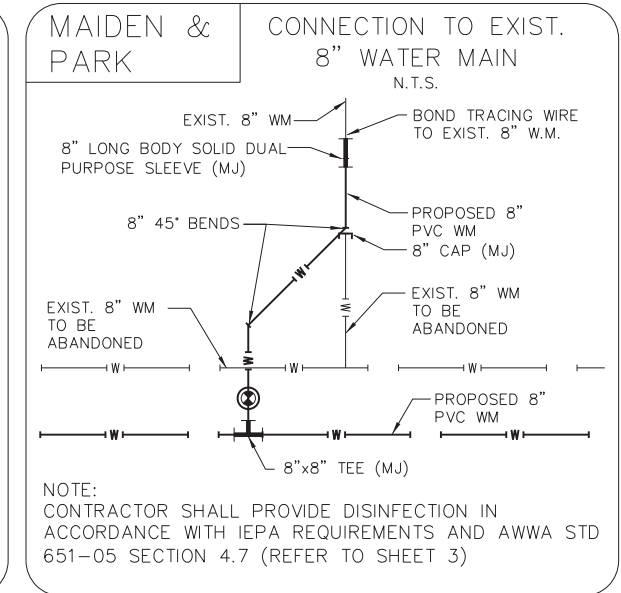
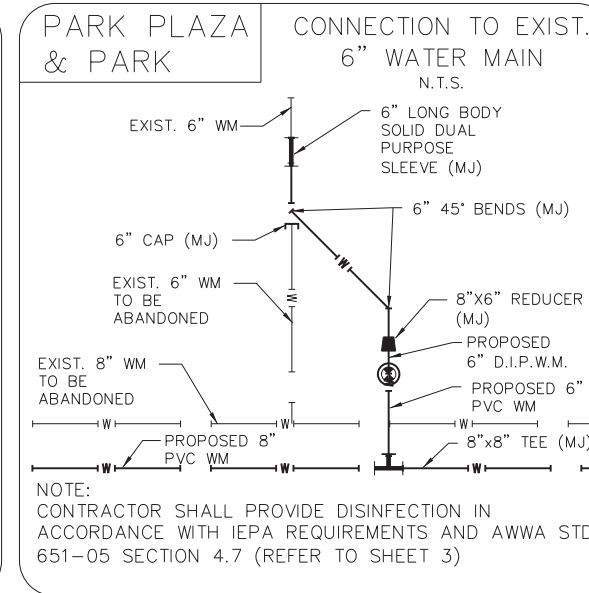
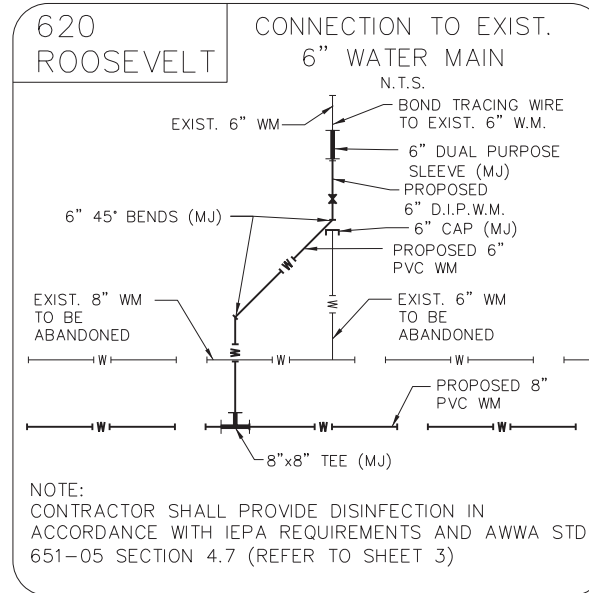
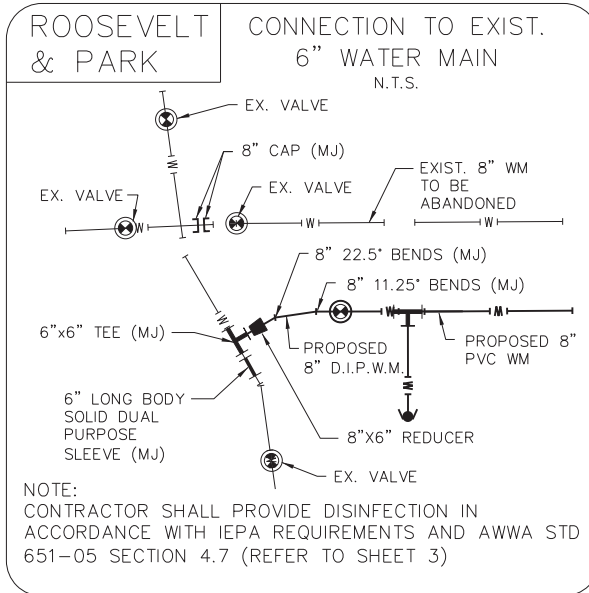
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
WATER AND SANITARY PLAN AND PROFILE

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	43
2581	CONTRACT NO. 61E35			

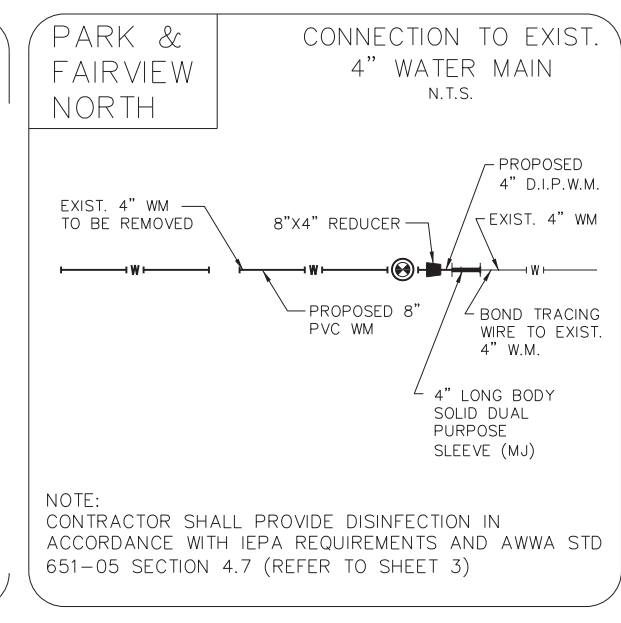
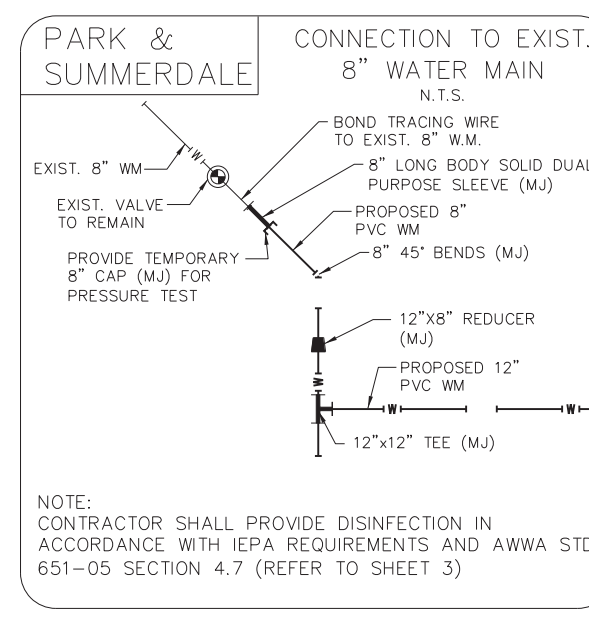
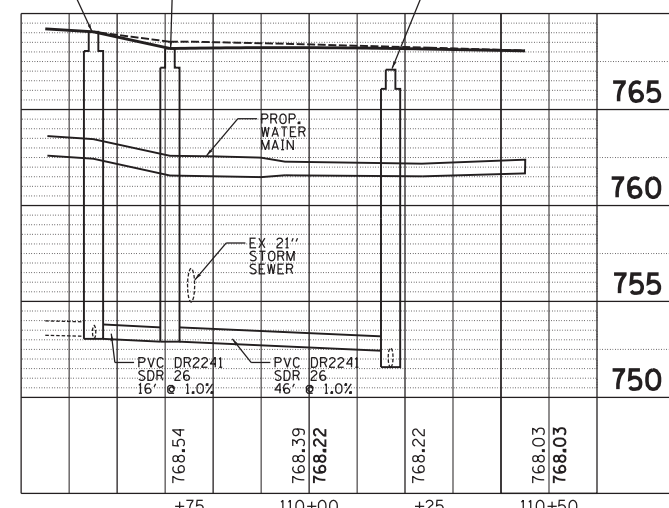
SCALE: 1"=20' SHEET NO. 3 OF 4 SHEETS STA. 100+50 TO STA. 105+50

ILLINOIS FED. AID PROJECT



SANITARY MANHOLE NO. 3-384
MH TY A, 4' DIA.
REMOVE & REPLACE EX. MH
RIM = 769.05
INV = 753.45 E 8" PVC
INV = 753.05 S 8" PVC
INV = 752.80 W 8" PVC

SANITARY MANHOLE NO. 3-384A
MH TY A, 4' DIA.
INSTALL OVER EXISTING
SANITARY SEWER
RIM = 7
INV = 752.18, 8" S PVC
INV = 751.58, 12" E.W VCP



1014407 AM By: jschmidt

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GLEN ELLYN, IL 60137

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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

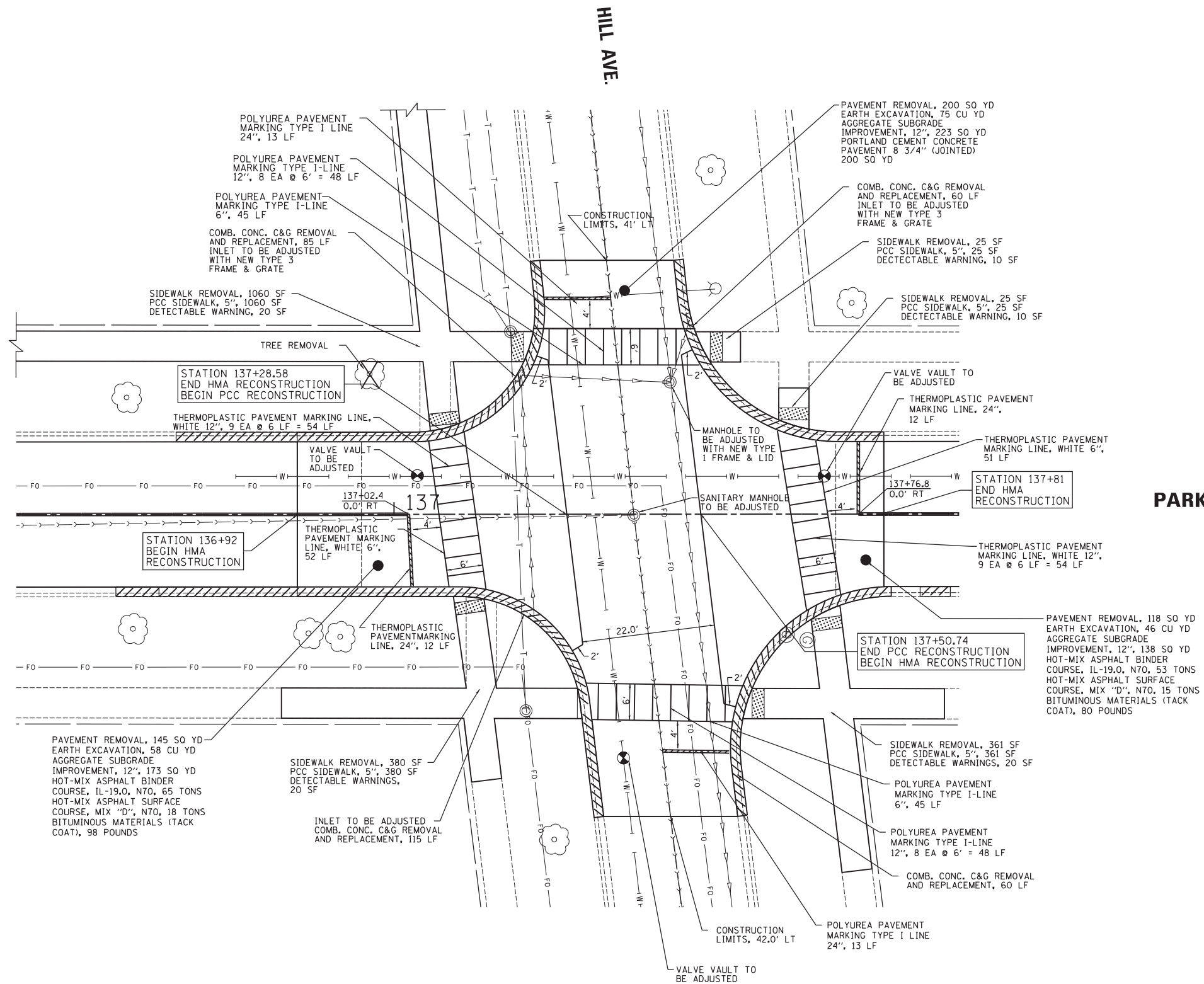
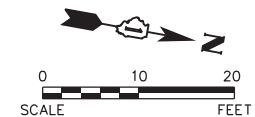
**PARK BOULEVARD
WATER MAIN CONNECTION DETAILS**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. 105+50 TO STA. 111+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	45
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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PARK BOULEVARD

LEGEND

* - COMB. CONC. C&G REMOVAL AND REPLACEMENT, 5 LF

Plot: 1/23/2018 3:59:38 PM By: jschmidt

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GLEN ELLYN, IL 60137

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CHECKED -	REVISED -
DATE -	REVISED -

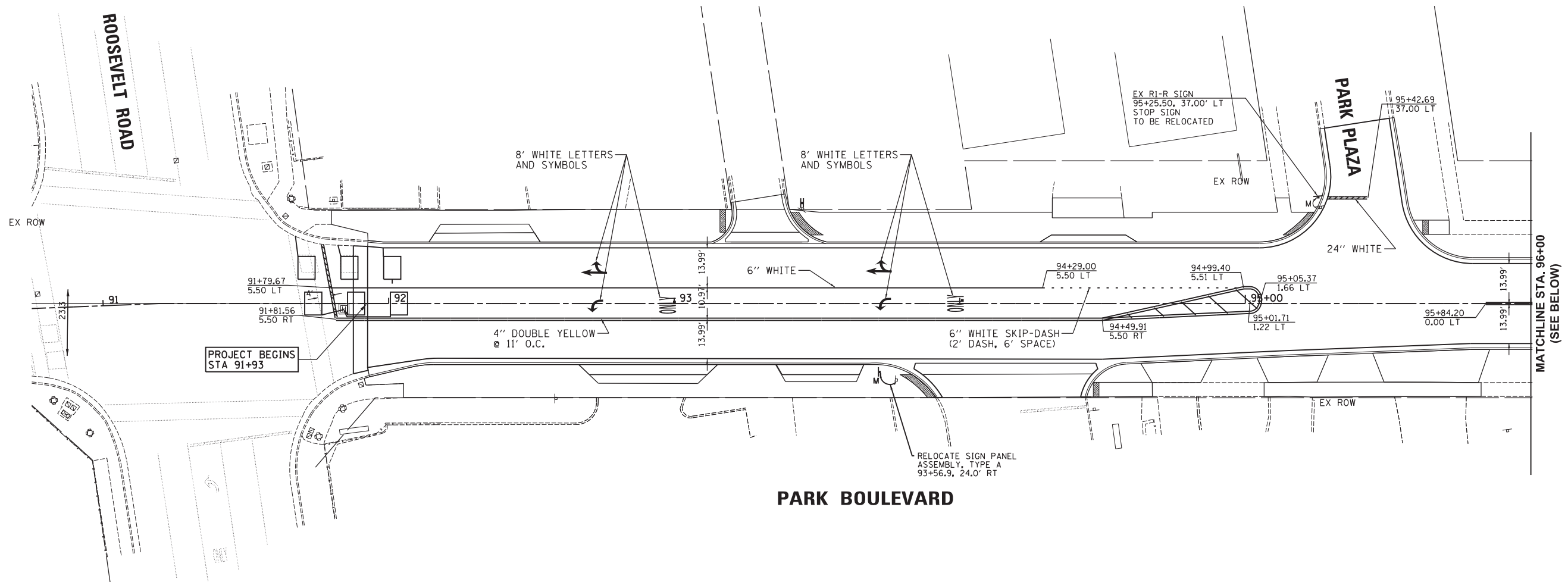
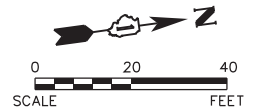
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
AND HILL AVENUE INTERSECTION DETAIL

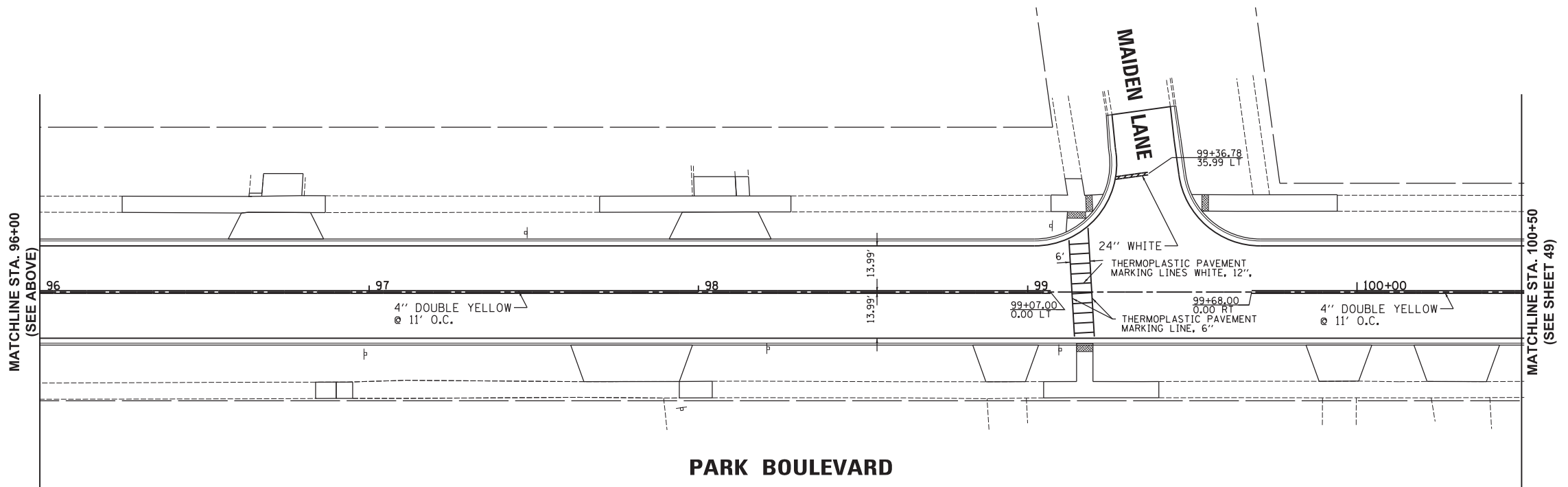
SCALE: 1"=10' SHEET NO. 1 OF 1 SHEETS STA. 131+00 TO STA. 141+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV		79	46
2581				

CONTRACT NO. 61E35



PARK BOULEVARD



PARK BOULEVARD

Plot: 1/15/2018 4:51:25 PM By: cjh/ach

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DATE -	REVISED -

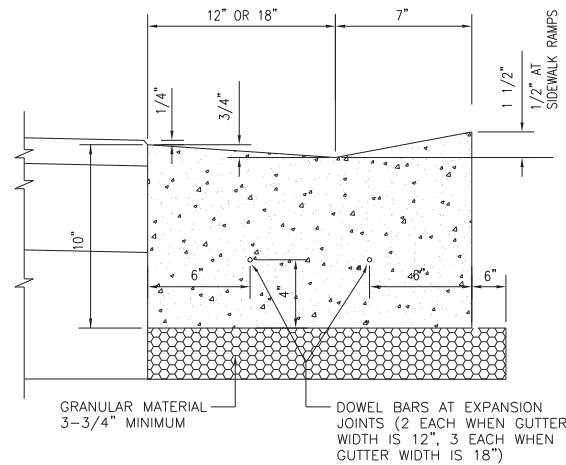
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 91+93 TO STA. 100+50

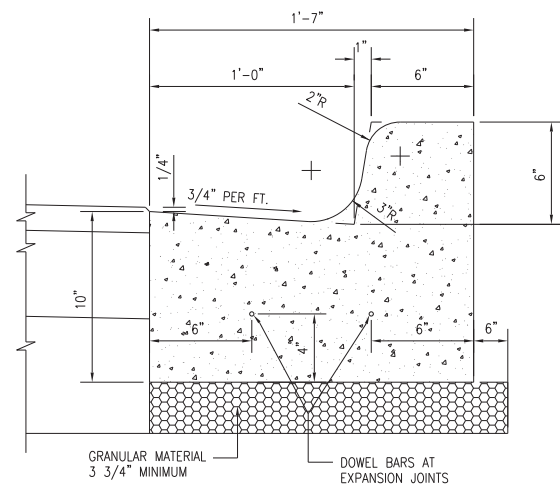
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	47
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT



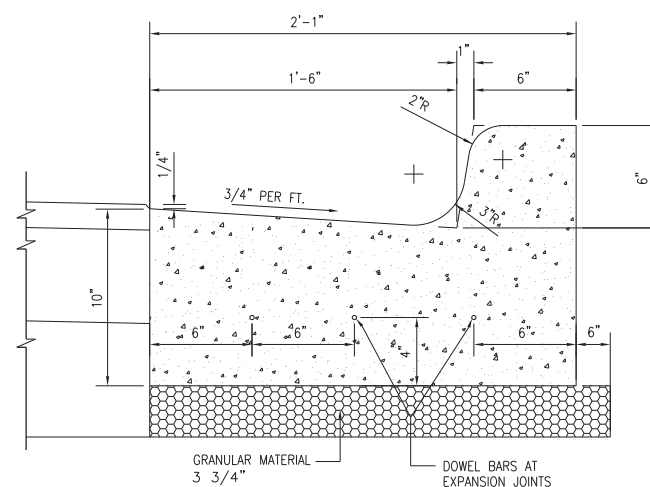
- NOTES:
1. IF REQUIRED, CASTING SHALL BE EJIW 7000 W/ TYPE M3 FLAT GRATE.
 2. INSTALL 2- 10' #5 REINFORCING BARS, CENTERED ON ALL TRENCH CROSSINGS WHEN GUTTER WIDTH IS 12", AND 3- 10' #5 REINFORCING BARS, CENTERED ON ALL TRENCH CROSSINGS WHEN BUTTER WIDTH IS 18".

DEPRESSED CURB
NOT TO SCALE



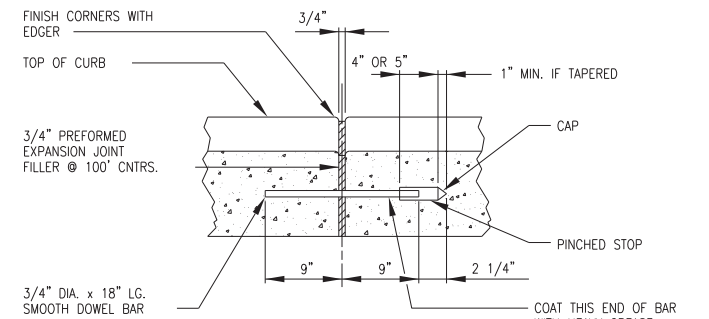
- NOTE:
1. INSTALL 2-10' #5 REINFORCING BARS, CENTERED ON ALL TRENCH CROSSINGS.
 2. IF REQUIRED, CASTING SHALL BE EJIW 7000 W/ TYPE T1 BACK & TYPE M1 GRATE OR NEENAH R-3275.

B-6.12 CURB & GUTTER
NOT TO SCALE



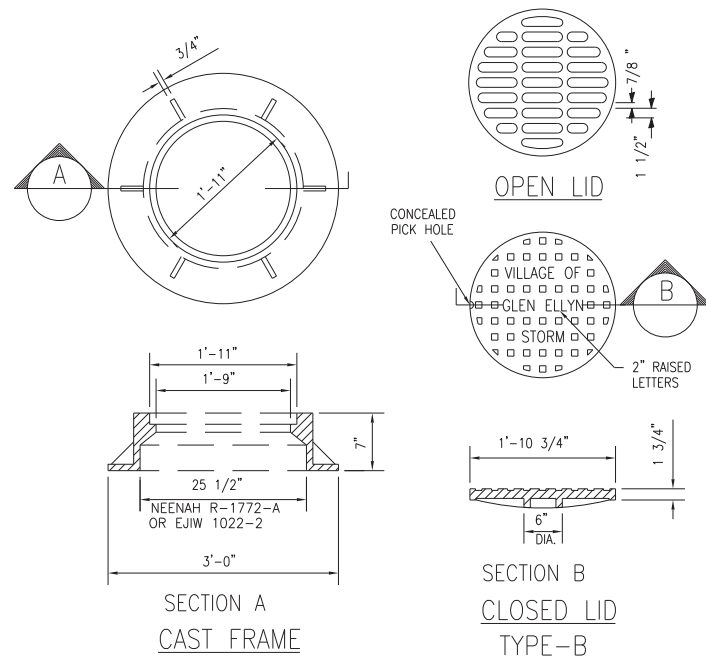
- NOTE:
1. INSTALL 3-10' #5 REINFORCING BARS, CENTERED ON ALL TRENCH CROSSINGS.
 2. IF REQUIRED, CASTING SHALL BE EJIW 7000 W/ TYPE T1 BACK & TYPE M1 GRATE OR NEENAH R-3275.

B-6.18 CURB & GUTTER
NOT TO SCALE



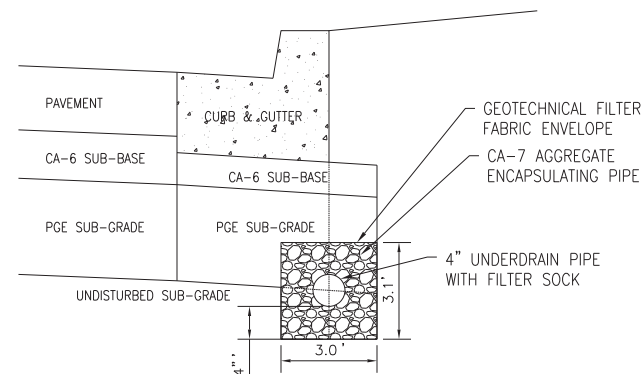
ALL EXPANSION JOINTS SHALL BE PROVIDED WITH A 3/4" DIA. x 18" LONG COATED SMOOTH DOWEL BAR CONFORMING TO ARTICLE 1006.11(b) OF THE STANDARD SPECIFICATIONS. THE DOWEL BAR SHALL BE FITTED WITH A CAP HAVING A PINCHED STOP THAT WILL PROVIDE 1" OF EXPANSION. JOINTS SHALL CONSTRUCTED AT 100 FT. INTERVALS, AT ALL POINTS OF TANGENCY AND AT THE END OF EACH DAY'S POUR. SAWED JOINTS SHALL BE PROVIDED AT 25 FT. INTERVALS.

P.C.C. CURB & GUTTER EXPANSION JOINT DETAIL
NOT TO SCALE

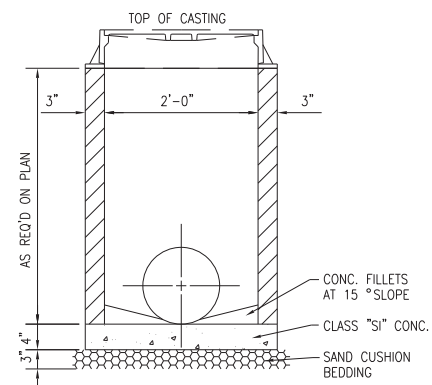


- NOTES:
1. DUCTILE IRON CASTING SHALL BE GRADE 60-40-18 AND SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
 2. ALL FRAMES AND LIDS SHALL BE MACHINED.
 3. THE MANHOLE LIDS SHALL HAVE RAISED LETTERS AS SHOWN.
 4. ALTERNATIVE TO DUCTILE IRON LID, GRAY IRON LID MAY BE USED.
 5. FRAME AND LID TO BE EJIW-1022-2 OR NEENAH R-1772-A
 6. CLOSED LID SHALL HAVE A CONCEALED PICK HOLE.
 7. SANITARY MANHOLE LID SHALL BE "SELF-SEALING".
 8. LID SHALL BE IMPRINTED WITH THE DESIGNATION "VILLAGE OF GLEN ELLYN STORM", "VILLAGE OF GLEN ELLYN SANITARY" OR "VILLAGE OF GLEN ELLYN WATER".

TYPE 1 FRAME & LID
NOT TO SCALE

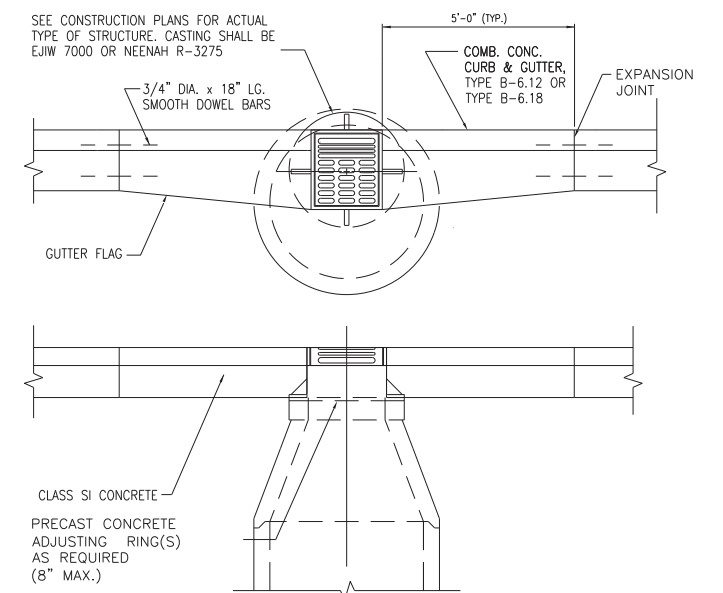


UNDERDRAIN TRENCH DETAIL
NOT TO SCALE



- NOTES:
1. MINIMUM WALL THICKNESS SHALL BE 3" AND MINIMUM CIRCULAR REINFORCEMENT SHALL BE 0.18 SQUARE INCH PER FOOT.
 2. THE BOTTOM MAY BE EITHER PRECAST WITH INVERTS AS INTEGRAL PART OR CAST IN PLACE WITH CLASS "SI" CONCRETE.
 3. ALL JOINTS BETWEEN PRE-CAST ELEMENTS, ADJUSTING RINGS AND FRAMES ON ALL UNDERGROUND STRUCTURES, SHALL BE SET IN PLACE WITH TWO ROWS OF BUTYL RUBBER JOINT SEALANTS, AND ALL JOINTS TOBE TUCKPOINTED WITH HYDRAULIC CEMENT.
 4. DRAINAGE STRUCTURES LOCATED IN REAR OR SIDE YARD AREAS SHALL BE INSTALLED WITH 2-6 INCH OR 3-4 INCH ADJUSTING RINGS. THIS WILL PROVIDE FOR A FUTURE MAXIMUM ADJUSTMENT OF 12 INCHES.
 5. CASTING FOR SOME SLOPE CONDITIONS, USE NEENAH R-3065-L.
 6. SEE CONSTRUCTION PLANS FOR ACTUAL TYPE OF CASTING SPECIFIED.

INLET, TYPE A
NOT TO SCALE



TYPICAL CURB DETAIL AT STORM STRUCTURE
NOT TO SCALE

P:\11111\11111.dgn 10/15/12 AM By: jschmidt

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DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

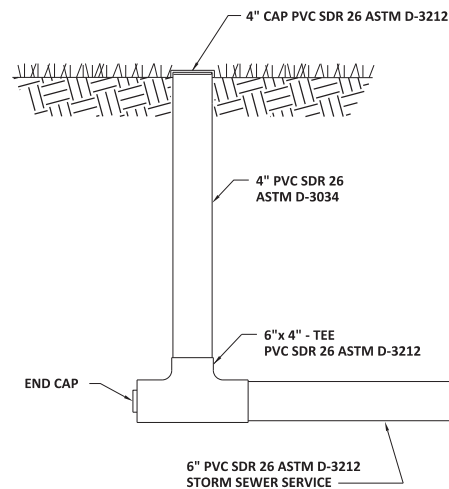
**PARK BOULEVARD
SPECIAL DETAILS**

SCALE: N.T.S. SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	49
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

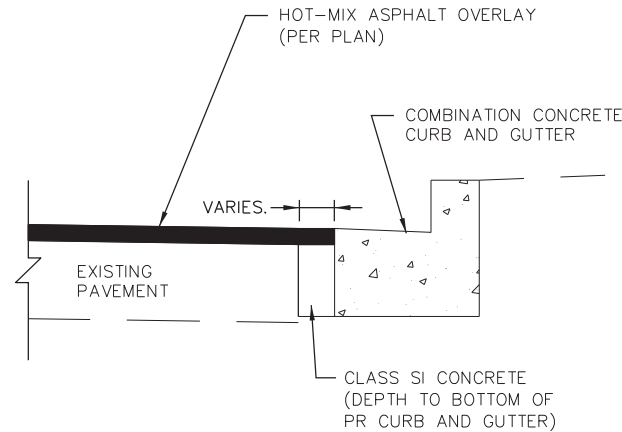
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STORM SEWER CLEANOUT ASSEMBLY

Engineering Enterprises, Inc. 52 Wheeler Road Sugar Grove, Illinois 60554 Phone: (630) 466-9350	SCALE: N.T.S.	FOLDER: EE-ST	DRAWING NUMBER: CO-03#	DRAWN BY: J.P.S.
	DATE: 12/5/95	REVISED: 8/10/17		

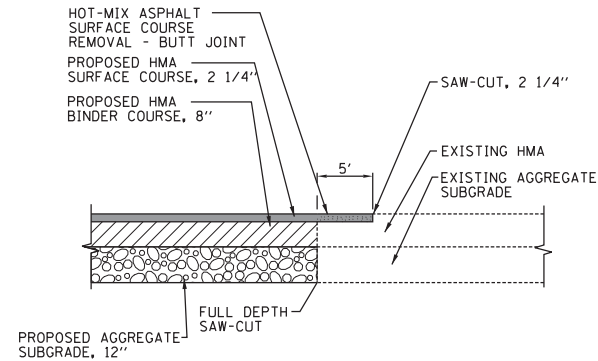


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BACKFILLING ADJACENT TO COMB. CONC. G&G REMOVAL & REPLACEMENT

Engineering Enterprises, Inc. 52 Wheeler Road Sugar Grove, Illinois 60554 Phone: (630) 466-9350	SCALE: N.T.S.	FOLDER: EE-PV	DRAWING NUMBER: CD-15#	DRAWN BY: J.P.S.
	DATE: 9/8/16	REVISED: 8/10/17		

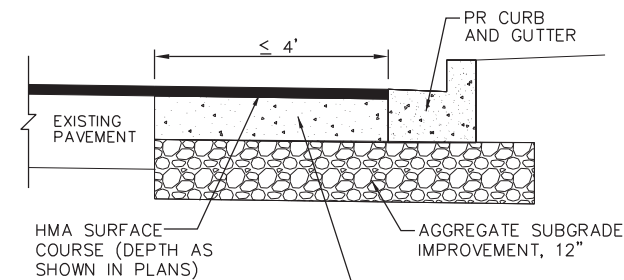
NOTE:
IF THE CONTRACTOR DAMAGES THE EXISTING PAVEMENT ADJACENT TO NEW CURB AND GUTTER CONSTRUCTION, THE COST OF ALL ITEMS INCLUDING CLASS SI CONCRETE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.



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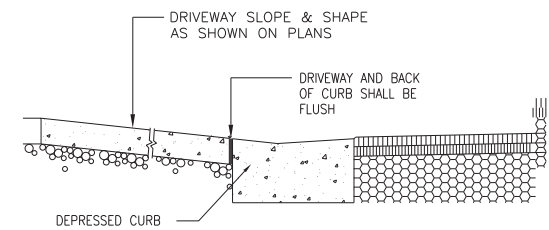
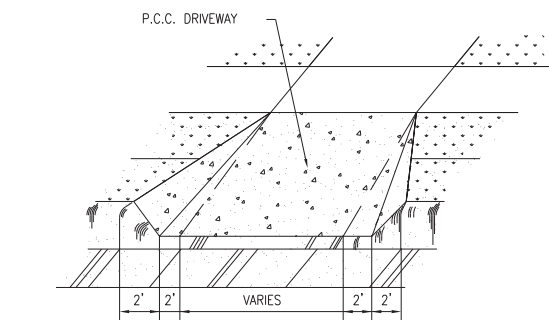
BUTT JOINT ADJACENT TO RECONSTRUCTION DETAIL

Engineering Enterprises, Inc. 52 Wheeler Road Sugar Grove, Illinois 60554 Phone: (630) 466-9350	SCALE: N.T.S.	FOLDER: EE-PV	DRAWING NUMBER: PS-12#	DRAWN BY: J.P.S.
	DATE: 6/12/97	REVISED: 7/18/12		



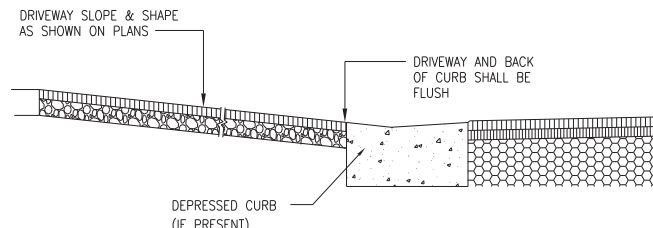
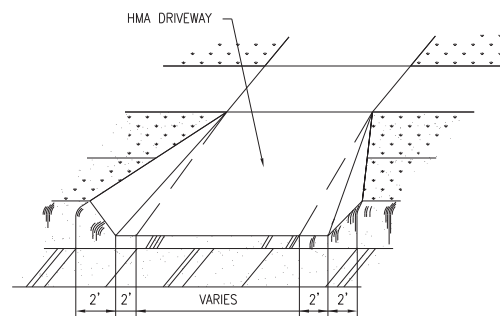
NOTE:
THE COST OF THE CLASS SI CONCRETE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED CURB.

CONCRETE BACKFILL ADJACENT TO PROPOSED CURB AND GUTTER
NOT TO SCALE



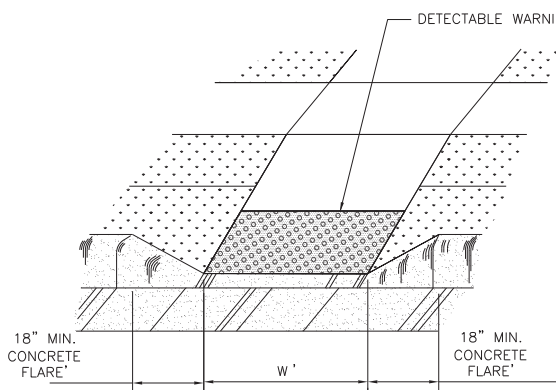
- NOTES:
- THE CONCRETE DRIVEWAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 423 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - THE CONCRETE SHALL CONFORM TO SECTION 1020 AND SHALL BE CLASS PV AND SHALL DEVELOP A MINIMUM OF 3,500 PSI COMPRESSIVE STRENGTH AT 14 DAYS.
 - THE DRIVEWAY SHALL BE 6-INCHES THICK FOR RESIDENTIAL DRIVEWAY AND 8" THICK FOR COMMERCIAL DRIVEWAY OVER 4" AGGREGATE BASE AND SHALL BE REINFORCED WITH FIBER MESH ADDITIVE. SEE P.C.C. DRIVEWAY SPECIAL PROVISION FOR SYNTHETIC FIBER SPECIFICATIONS. PREMOLDED FIBER EXPANSION JOINTS SHALL BE INSTALLED BETWEEN DRIVEWAY AND BACK OF CURB.
 - THE DRIVEWAY SHALL HAVE A BROOM FINISH.

CONCRETE DRIVEWAY DETAIL
NOT TO SCALE



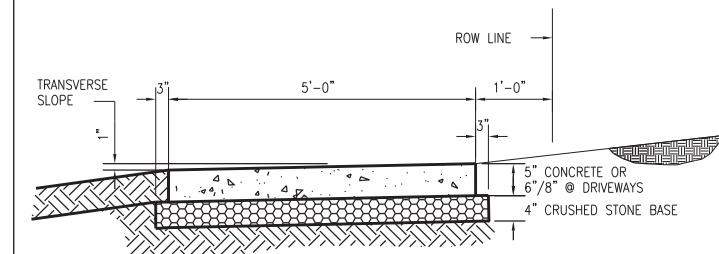
- NOTES:
- THE HOT-MIX ASPHALT DRIVEWAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - RESIDENTIAL DRIVEWAY SHALL BE HMA SURFACE COURSE, MIX "D", N50, 3-INCHES THICK OVER 6" AGGREGATE BASE.
 - COMMERCIAL DRIVEWAY SHALL BE HMA SURFACE COURSE, MIX "D", N50, 2-INCHES THICK OVER HMA BINDER COURSE, IL-19.0, N70, 4-INCHES THICK OVER 6" AGGREGATE BASE.

HOT-MIX ASPHALT DRIVEWAY DETAIL
NOT TO SCALE



- NOTES:
- RAMPS SHALL BE LOCATED AS SHOWN ON PLANS IN ALIGNMENT WITH NORMAL SIDEWALK AND/OR CROSSWALK.
 - RAMPS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH ARTICLE 424 OF THE STANDARD SPECIFICATIONS.
 - THE DETECTABLE WARNINGS SHALL CONSIST OF AN AREA OF TRUNCATED DOMES THAT PROVIDE BOTH VISUAL AND TACTILE CUES TO PEDESTRIANS.
 - THE DETECTABLE WARNING PANELS SHALL BE BRICK RED IN COLOR.
 - PLACEMENT OF DETECTABLE WARNING TILES SHALL ADHERE TO LOCATIONS AS SHOWN IN THE IDOT HIGHWAY STANDARDS INCLUDING 424001, 424006, 424016, 424021 AND 424026 FOR VARIOUS FIELD CONDITIONS. SIDEWALK RAMPS WIDTH (W) AND LAYOUT SHALL BE ACCORDING TO THESE IDOT HIGHWAY STANDARDS, EXCEPT A CONCRETE FLARE (INSTEAD OF A SIDE CURB) SHALL BE CONSTRUCTED IN LANDSCAPED AREAS.

SIDEWALK RAMP DETAIL
NOT TO SCALE



- NOTES:
- THE CONCRETE SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 424 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - THE CONCRETE SHALL CONFORM TO SECTION 1020 AND SHALL BE A CLASS SI AND SHALL DEVELOP A MINIMUM OF 3,500 PSI COMPRESSIVE STRENGTH AT 14 DAYS.
 - THE SIDEWALK PORTION OF THE RESIDENTIAL DRIVEWAY SHALL BE 6-INCHES THICK OR 8-INCHES FOR COMMERCIAL DRIVEWAY AND SHALL BE REINFORCED WITH FIBER MESH ADDITIVE. SEE P.C.C. SIDEWALK SPECIAL PROVISION FOR SYNTHETIC FIBER SPECIFICATIONS.
 - PLACEMENT WILL NOT BE PERMITTED UNLESS THE TEMPERATURE IS 28°F AND RISING. NO CHLORIDE ADDITIVE WILL BE PERMITTED IN THE CONCRETE.
 - SIDEWALK AT INTERSECTIONS SHALL BE DEPRESSED AND TEXTURED IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT. THE MAXIMUM ALLOWABLE SLOPE IS 12:1.
 - CONTROL JOINTS SHALL BE INSTALLED AT 5 FOOT CENTERS.
 - PREMOLDED FIBER EXPANSION JOINTS SHALL BE INSTALLED AT 100 FOOT CENTERS MAXIMUM OR WHERE THE SIDEWALK ABUTS CURB OR OTHER SIDEWALK, OR AT THE END OF EACH POUR.
 - THE SIDEWALK SHALL HAVE A BROOM FINISH.

CONCRETE SIDEWALK DETAIL
NOT TO SCALE

10/15/12 AM By: jschmidt

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

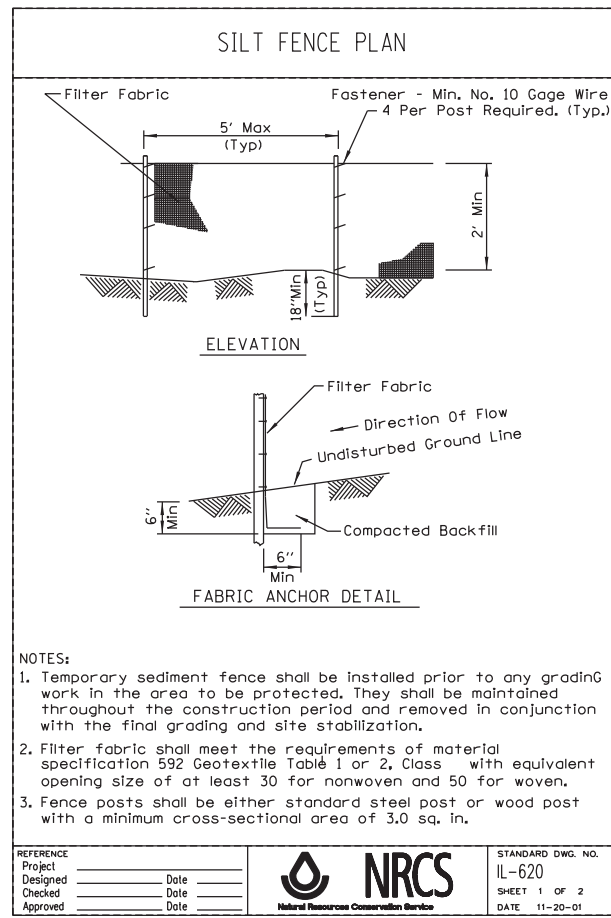
PARK BOULEVARD
SPECIAL DETAILS

SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. TO STA.

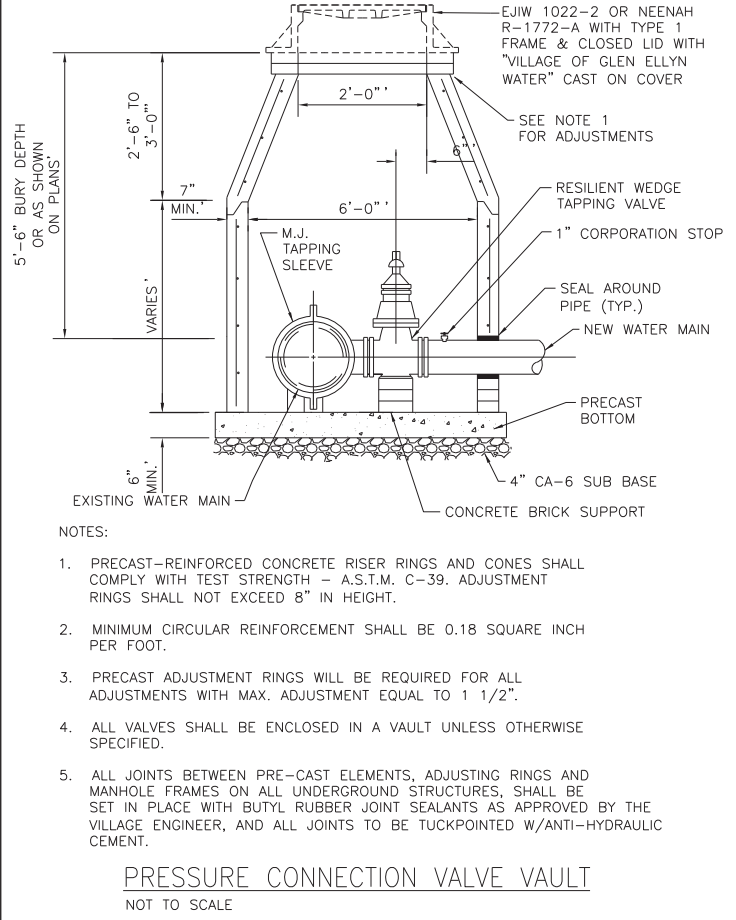
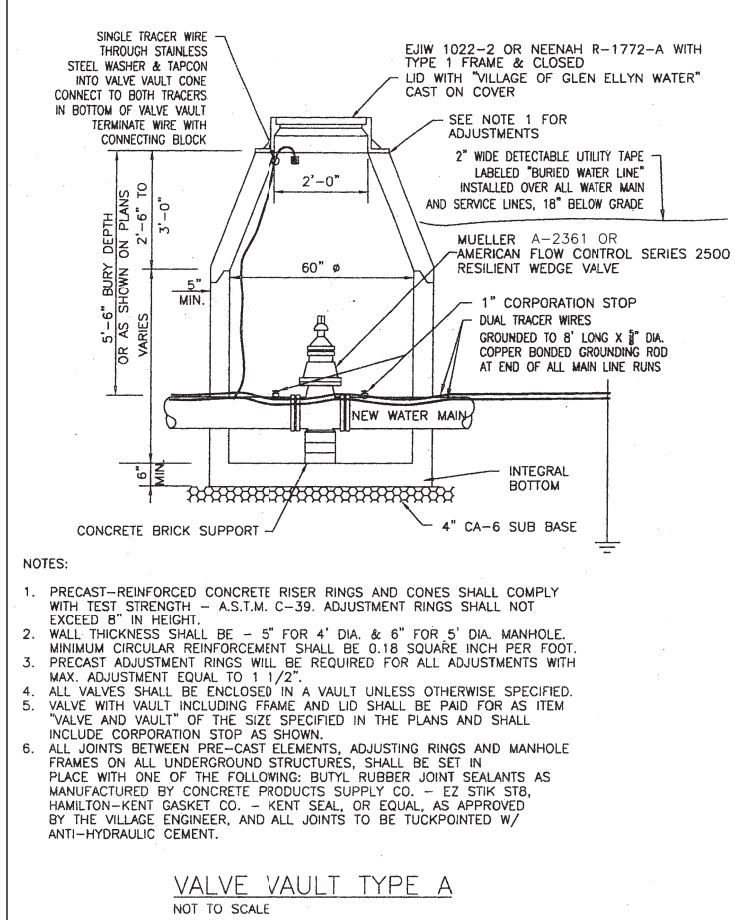
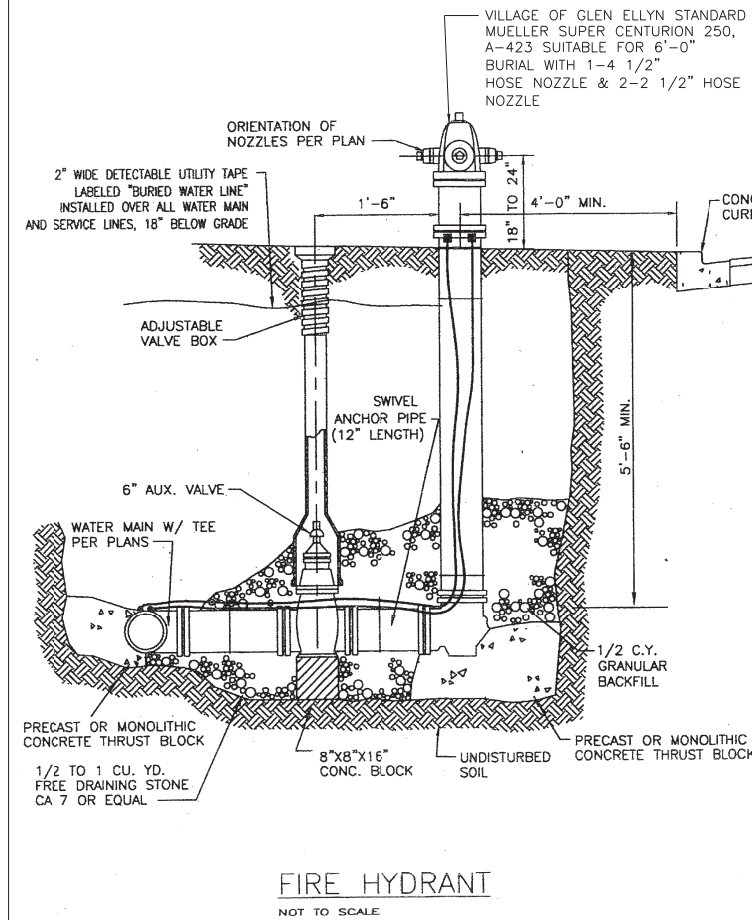
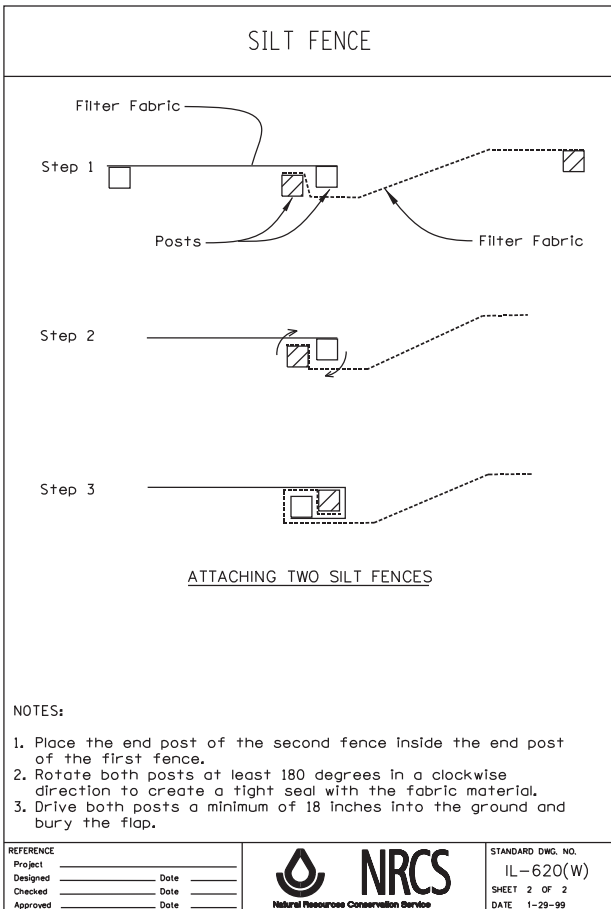
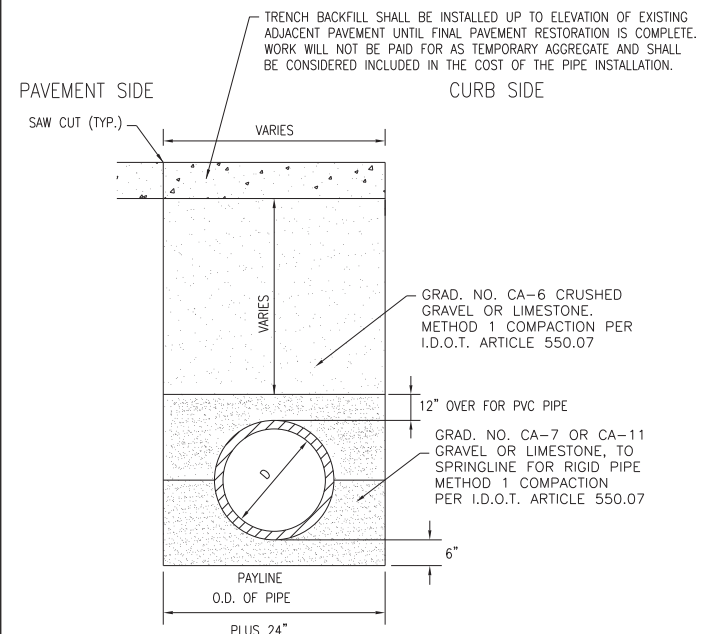
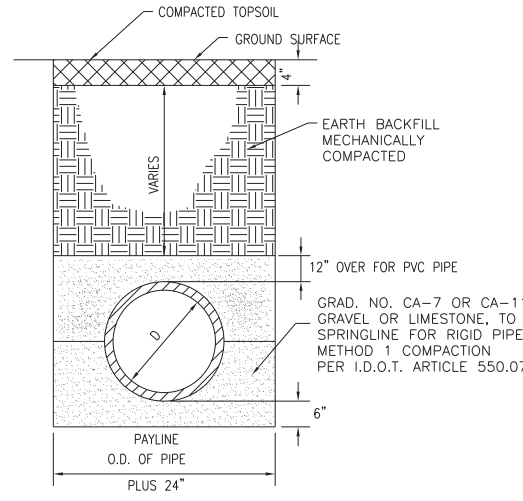
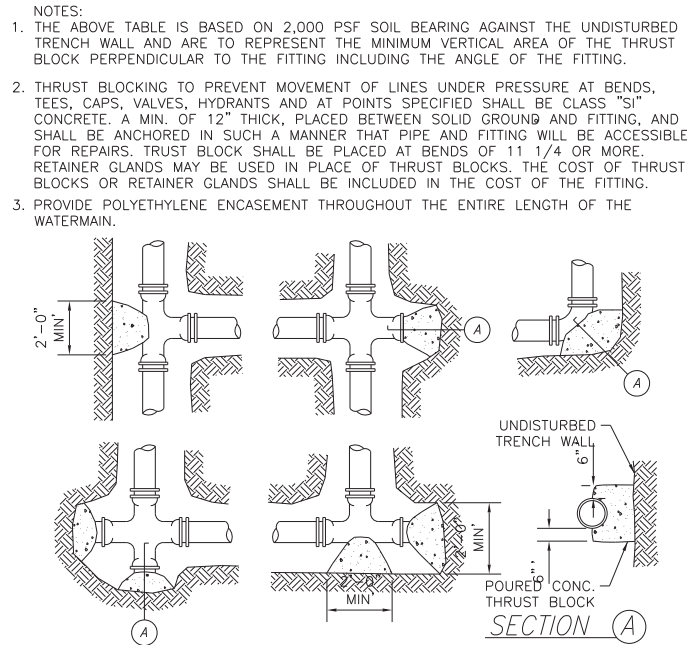
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	50
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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SIZE (DIA. IN INCH.)	DEAD END OR TEE (SQ. FT.)	1/4 BEND 90° BEND (SQ. FT.)	1/8 BEND 45° BEND (SQ. FT.)	1/16 BEND 22.5° BEND (SQ. FT.)	1/32 BEND 11.25° BEND (SQ. FT.)
6	3.9	5.5	3.0	1.5	1.5
8	6.7	9.4	5.1	2.6	2.6
10	10.9	15.4	8.4	4.3	4.3
12	15.5	21.8	11.9	6.1	6.1
14	21.0	29.6	16.1	8.2	8.2
16	28.5	37.9	20.6	12.5	12.5
18	38.6	54.4	29.7	14.9	14.9
20	47.8	67.4	36.7	18.6	18.6
24	69.0	97.2	52.9	26.8	26.8



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STATE OF ILLINOIS
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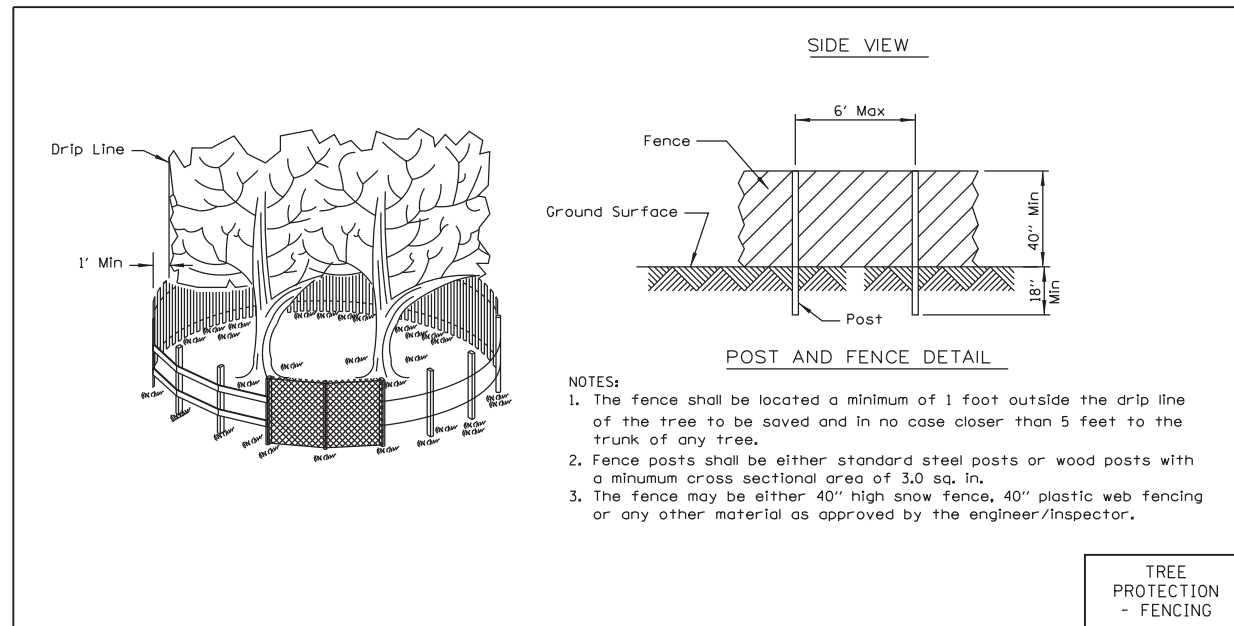
PARK BOULEVARD
SPECIAL DETAILS

SCALE: N.T.S. SHEET NO. 3 OF 4 SHEETS STA. TO STA.

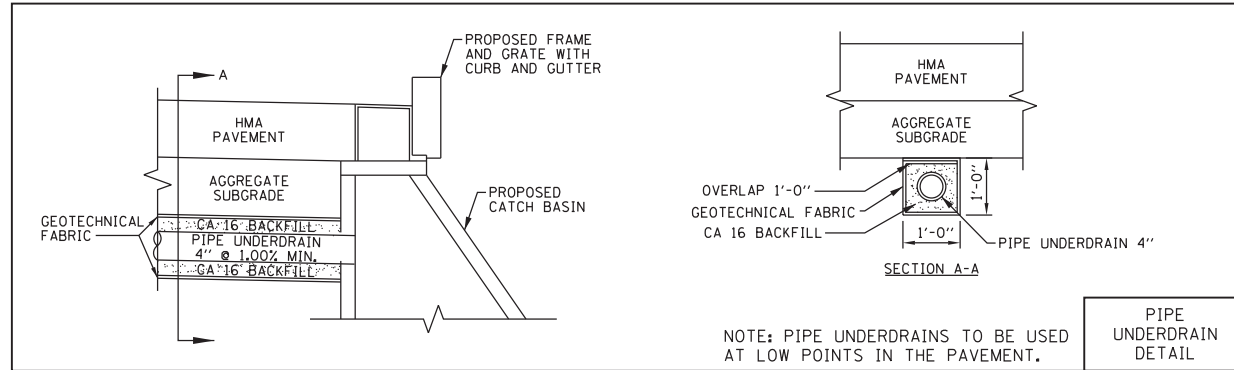
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2580	16-00081-00-PV	DUPAGE	79	51
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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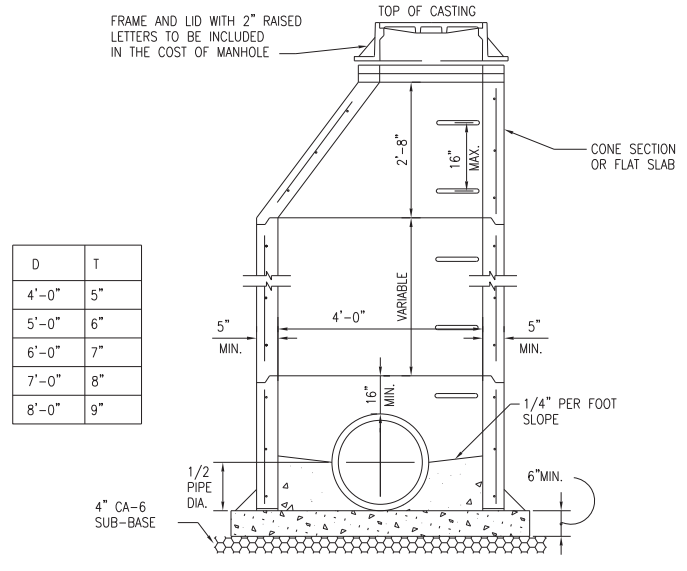


TREE PROTECTION - FENCING



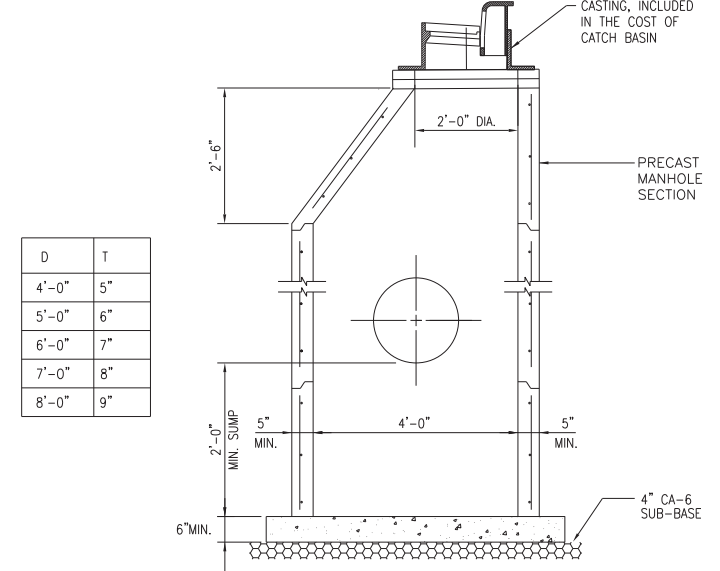
PIPE UNDERDRAIN DETAIL

- NOTES:
- PRECAST-REINFORCED CONCRETE RISER RINGS AND CONES SHALL COMPLY WITH TEST STRENGTH - A.S.T.M. C-39. ADJUSTMENT RINGS SHALL NOT EXCEED 8" IN HEIGHT.
 - MINIMUM WALL THICKNESS SHALL BE 5" AND MINIMUM CIRCULAR REINFORCEMENT SHALL BE 0.18 SQUARE INCH PER FOOT.
 - THE BOTTOM MAY BE EITHER PRECAST WITH INVERTS AS INTEGRAL PART OR CAST IN PLACE WITH CLASS "SI" CONCRETE.
 - MANHOLE WALL THICKNESS "T" SHALL BE AS SHOWN IN THE LIST BELOW.
 - ALL STEPS SHALL BE CAST IRON.
 - ALL JOINTS BETWEEN PRE-CAST ELEMENTS, ADJUSTING RINGS AND MANHOLE FRAMES ON ALL UNDERGROUND STRUCTURES, SHALL BE SET IN PLACE WITH TWO ROWS OF BUTYL RUBBER JOINT SEALANTS, AND ALL JOINTS TO BE TUCKPOINTED WITH HYDRAULIC CEMENT.
 - SEE CONSTRUCTION PLANS FOR ACTUAL TYPE OF CASTING SPECIFIED.

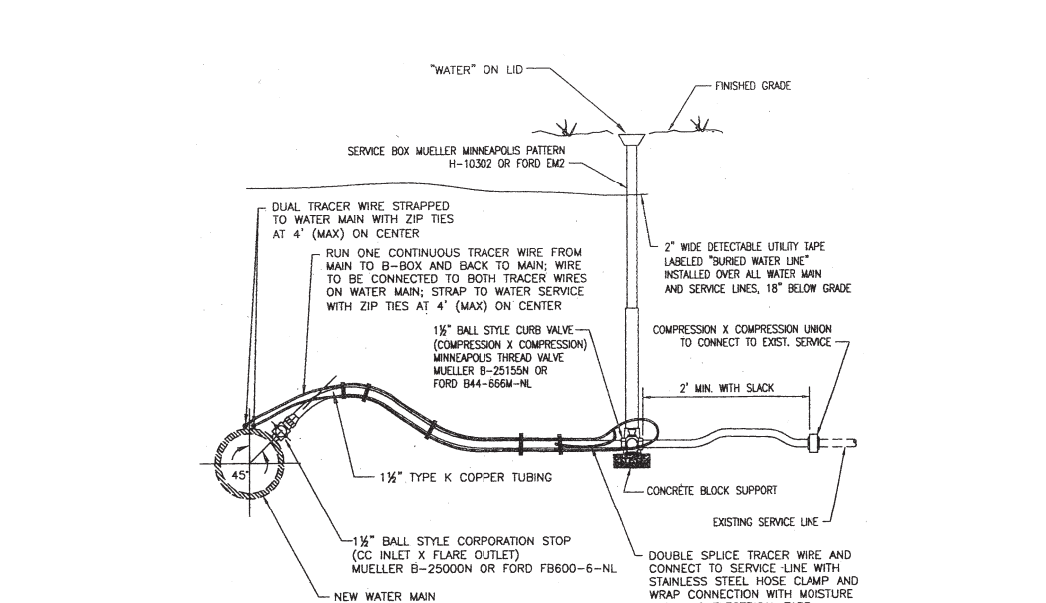
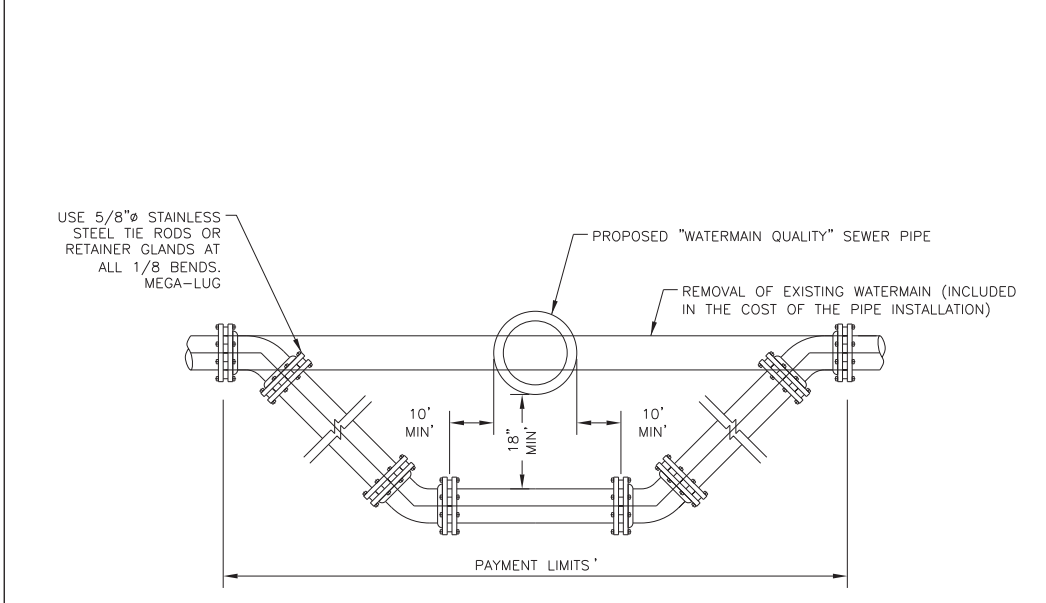
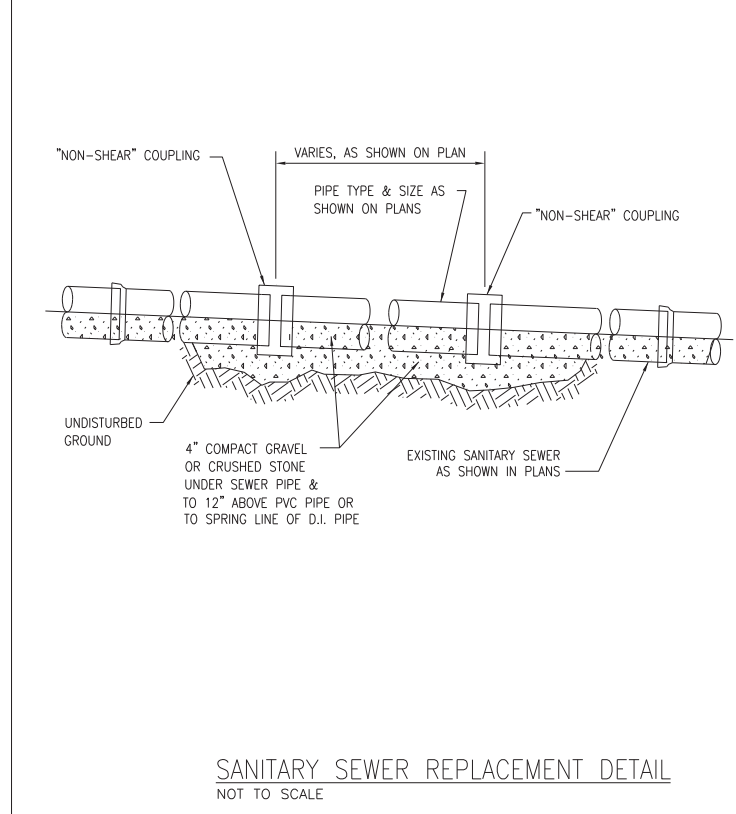


STORM SEWER MANHOLE, TYPE A
NOT TO SCALE

- NOTES:
- PRECAST-REINFORCED CONCRETE RISER RINGS AND CONES SHALL COMPLY WITH TEST STRENGTH - A.S.T.M. C-39. ADJUSTMENT RINGS SHALL NOT EXCEED 8" IN HEIGHT.
 - MINIMUM WALL THICKNESS SHALL BE 5" AND MINIMUM CIRCULAR REINFORCEMENT SHALL BE 0.18 SQUARE INCH PER FOOT.
 - ALL JOINTS BETWEEN PRE-CAST ELEMENTS, ADJUSTING RINGS AND MANHOLE FRAMES ON ALL UNDERGROUND STRUCTURES, SHALL BE SET IN PLACE WITH TWO ROWS OF BUTYL RUBBER JOINT SEALANTS, AND ALL JOINTS TO BE TUCKPOINTED WITH HYDRAULIC CEMENT.
 - ALL DRAINAGE STRUCTURES LOCATED IN REAR OR SIDE YARD AREAS SHALL BE INSTALLED WITH 2-6 INCH OR 3-4 INCH ADJUSTING RINGS. THIS WILL PROVIDE FOR A FUTURE MAXIMUM ADJUSTMENT OF 12 INCHES.
 - MANHOLE WALL THICKNESS "T" SHALL BE AS SHOWN IN THE LIST BELOW.
 - CASTING FOR SOME SLOPE CONDITIONS, USE NEENAH R-3065-L.
 - SEE CONSTRUCTION PLANS FOR ACTUAL TYPE OF CASTING SPECIFIED.



CATCH BASIN, TYPE A
NOT TO SCALE



- NOTES:
- SERVICE SADDLE AS PER SPECIFICATIONS, IS REQUIRED AS FOLLOWS: FOR CAST IRON OR PVC WATER MAIN, USE STAINLESS STEEL SMITH-BLAIR 372 SERIES.
 - THE WATER MAIN SERVICE FITTINGS & B-BOX SHALL BE AS APPROVED BY THE GLEN ELLYN WATER DEPARTMENT AND SHALL BE INCIDENTAL TO THE COST OF "WATER SERVICE CONNECTION" PAY ITEMS.

Pott1ed.1/3/2018 10:15:15 AM By: jschmidt

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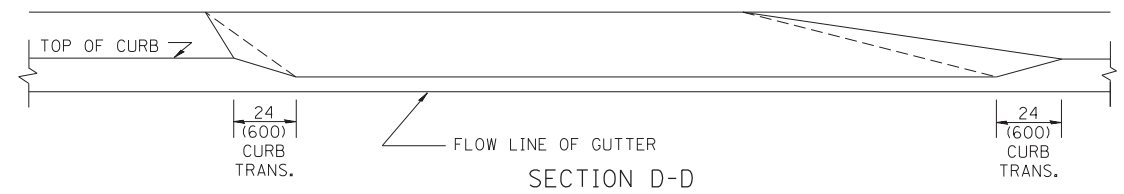
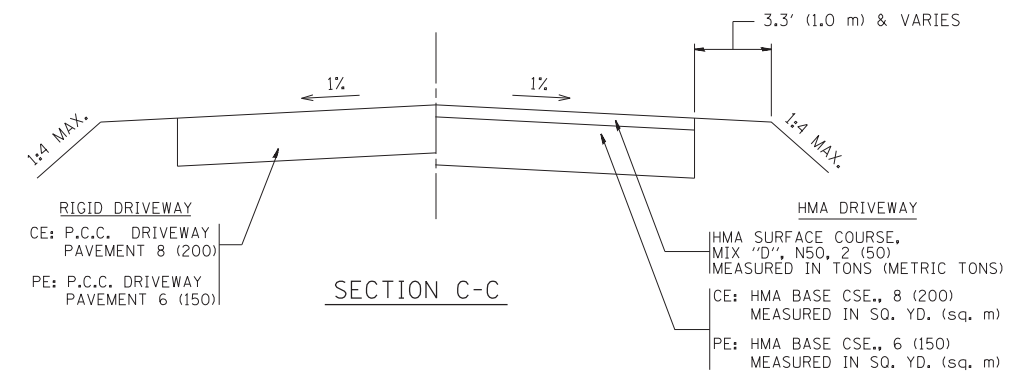
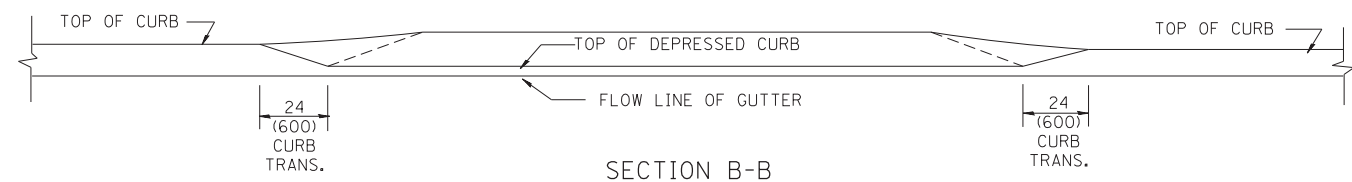
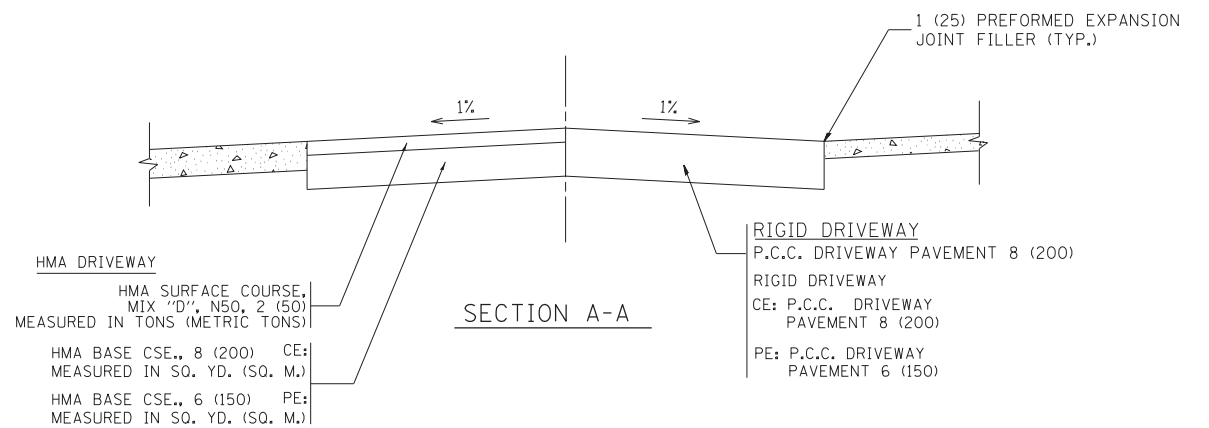
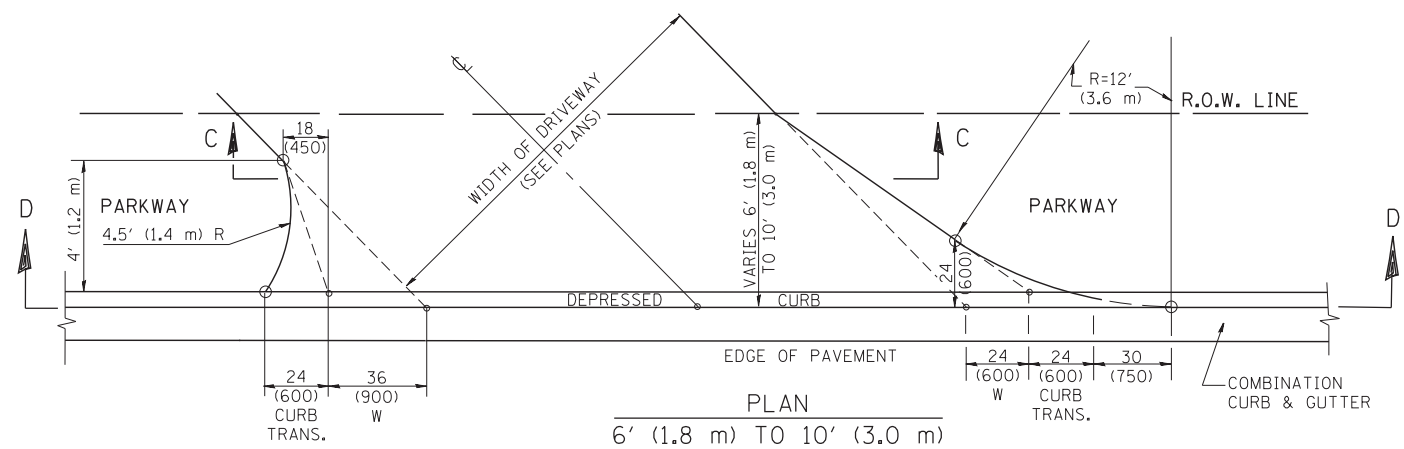
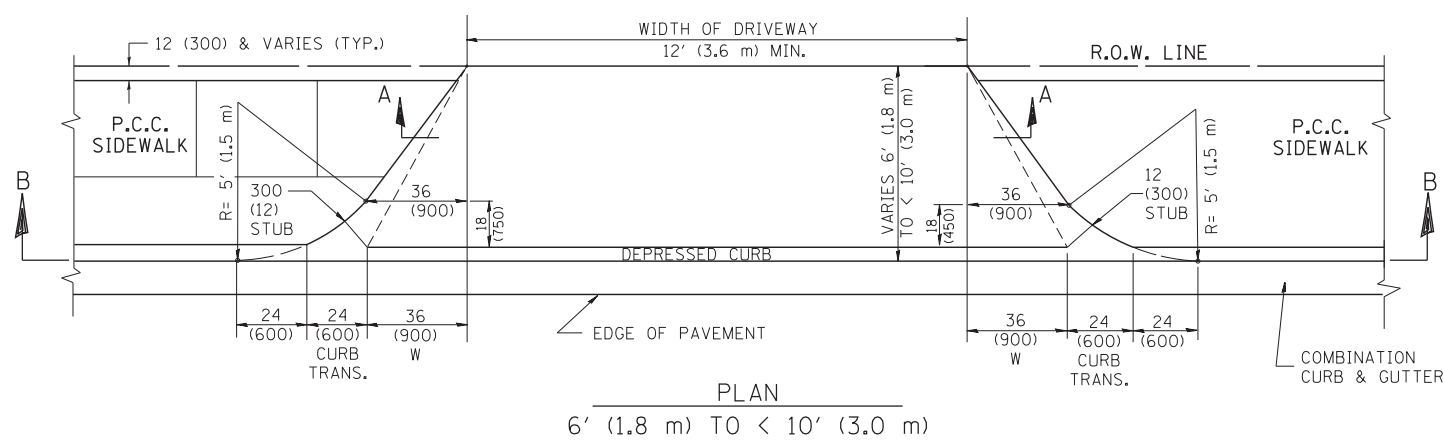
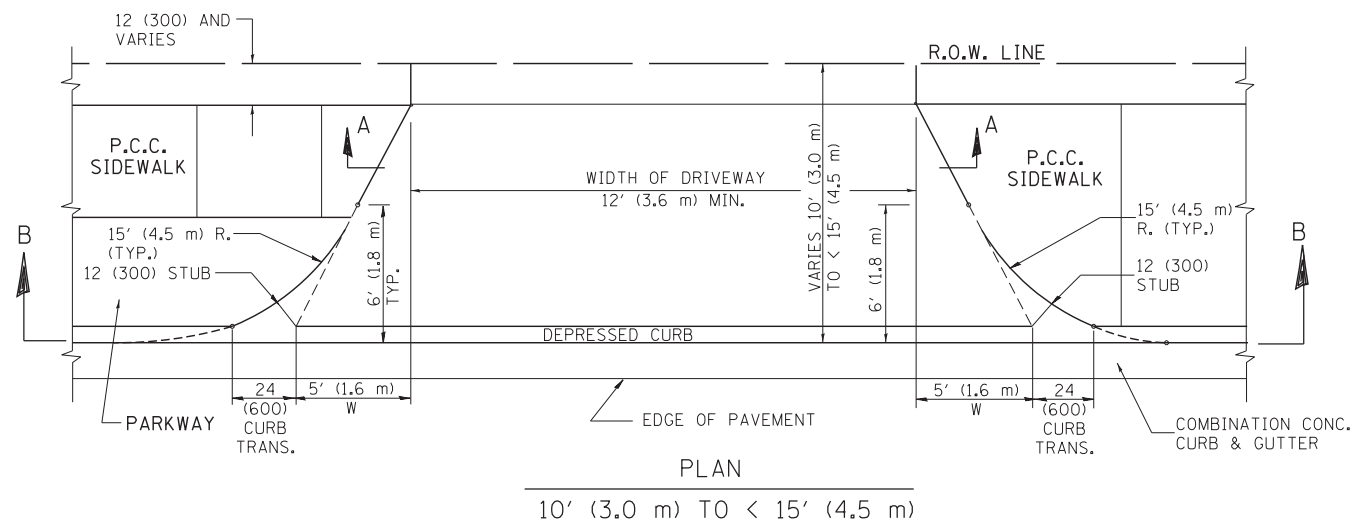
PARK BOULEVARD
SPECIAL DETAILS

SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	52
2581	CONTRACT NO. 61E35			

ILLINOIS FED. AID PROJECT

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GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

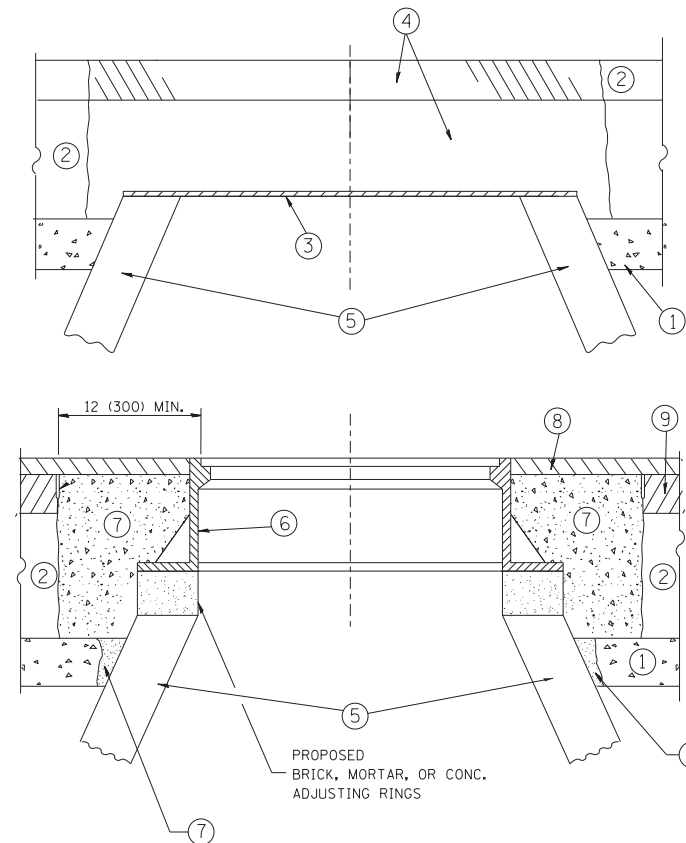
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

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	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 10/28/2011	DATE - 11-06-95	REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS			
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	53
BD400-02 (BD-02)			CONTRACT NO. 61E35	
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 SCALE = 1/968.5000 "/ m	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	54
BD600-03 (BD-8)		CONTRACT NO. 61E35		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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

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

18" (450) MAX.

1/4" (5) **

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

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

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

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

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

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

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

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

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

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

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

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

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

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

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

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

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

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

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

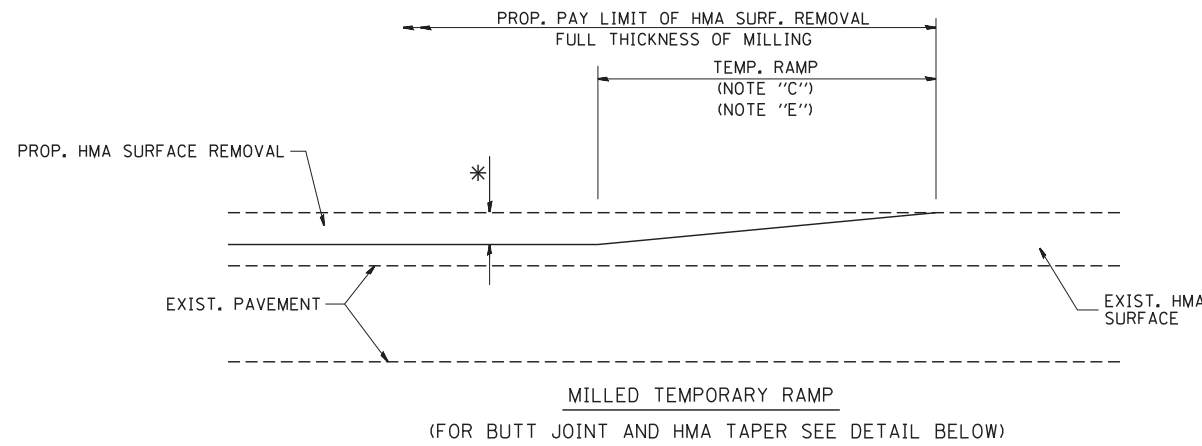
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

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

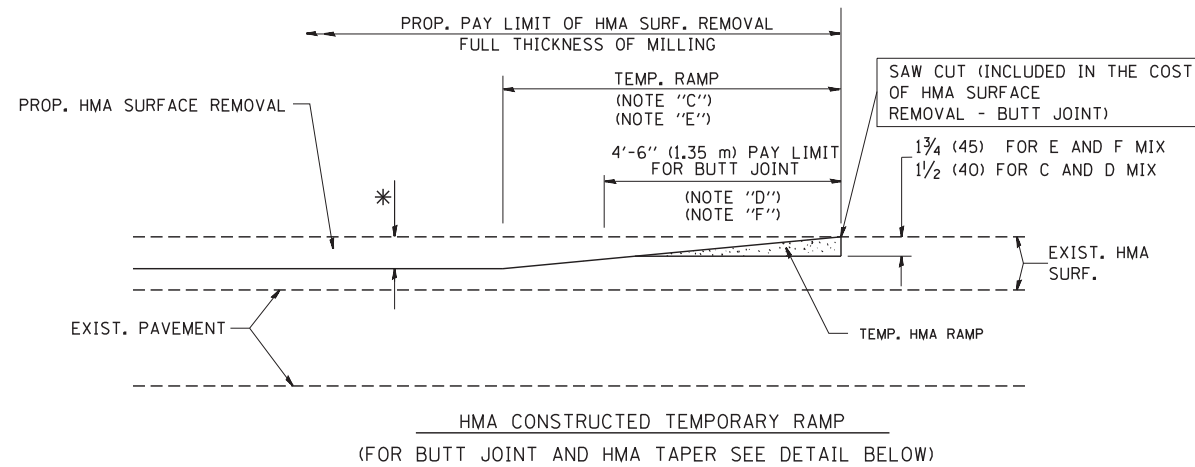
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p1dot\drivakosgn\0108315\bd24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01			2580	16-00081-00-PV	DUPAGE	79	55
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 12-15-09				BD600-06 (BD-24)		CONTRACT NO. 61E35		
PLOT DATE = 12/15/2009	DATE - 03-11-94					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		

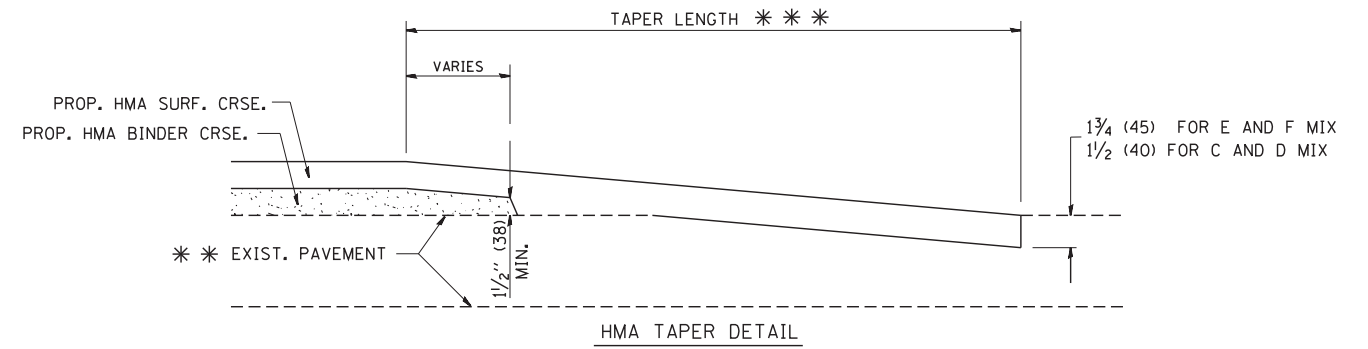
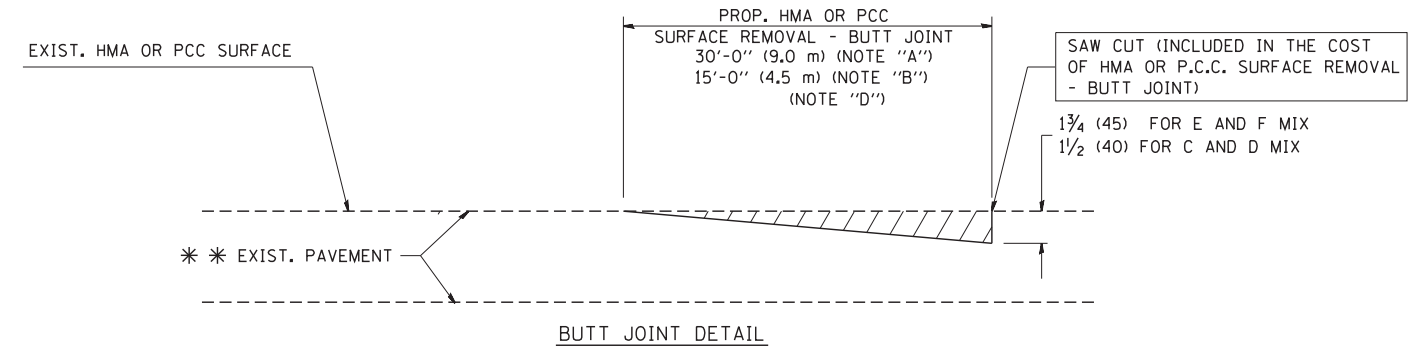


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

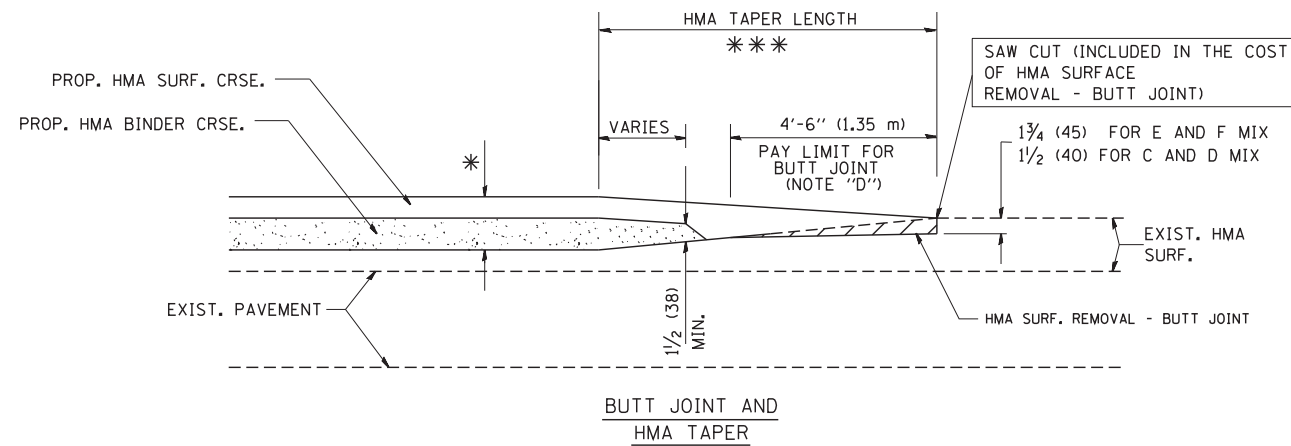
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglionobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

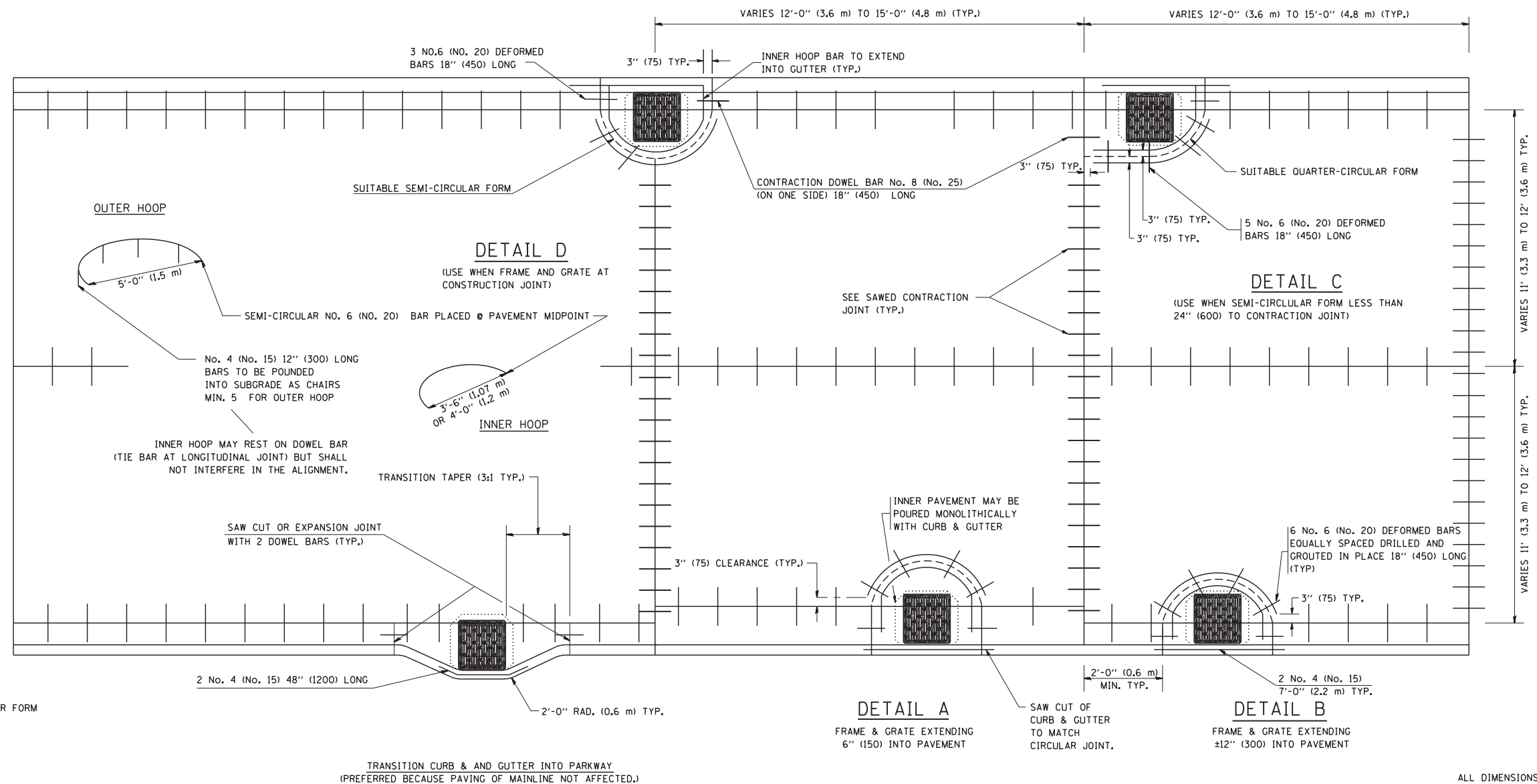
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	56
BD400-05 BD32		CONTRACT NO. 61E35		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE:
THIS DETAIL IS TO BE USED
WHEN THE GUTTER FLAG IS
LESS THAN 24"

NOTES :

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT. EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



LEGEND:

- CASTING
- SUITABLE SEMI-CIRCULAR FORM

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

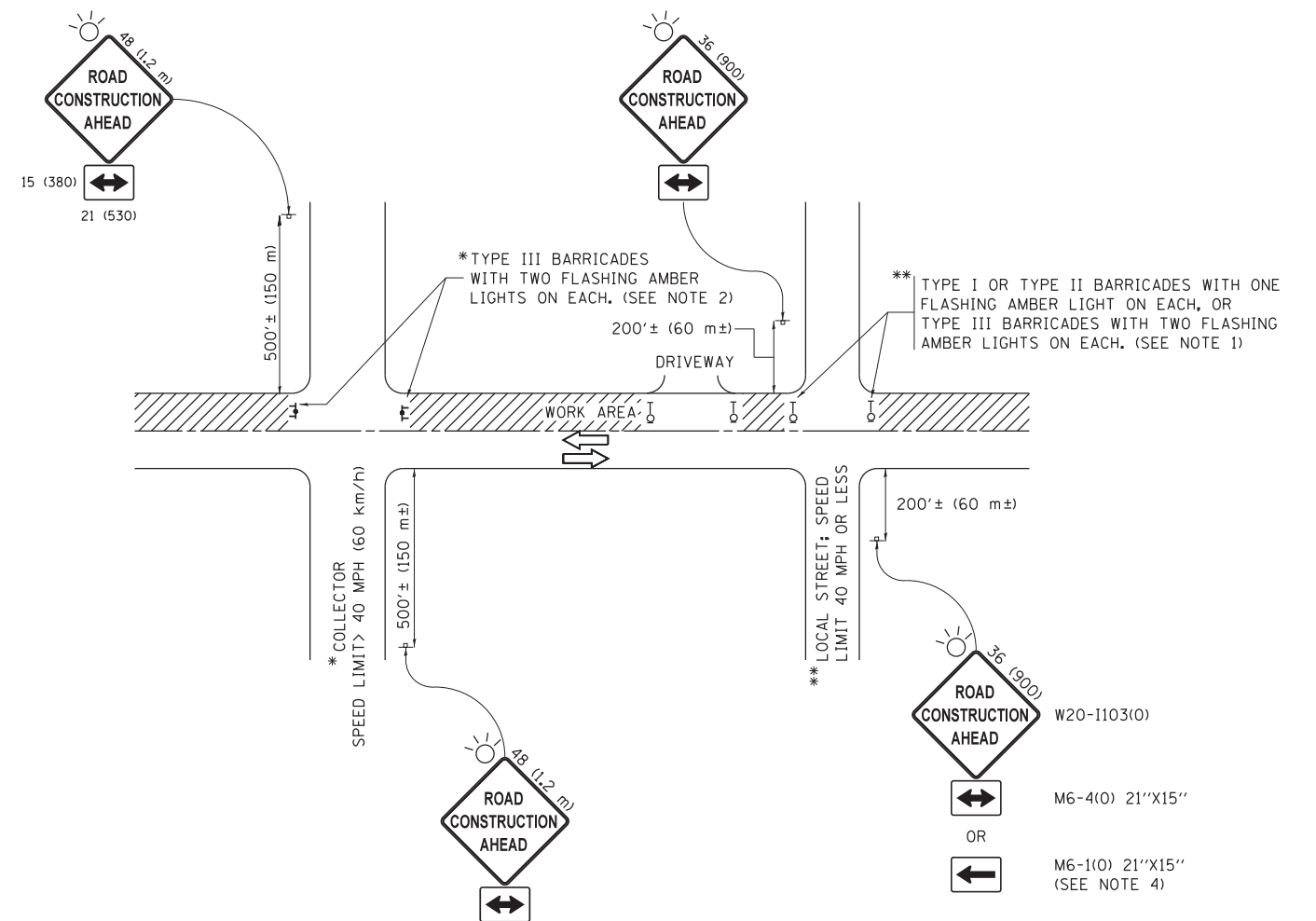
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		DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 10-02-00
	PLOT SCALE = 50.0000' / IN.	CHECKED - A. ABBAS	REVISED - T. MATOUSEK 04-25-02
	PLOT DATE = 1/4/2008	DATE - 01-04-99	REVISED - P. LAFLEUR 08-27-02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC PAVEMENT ROUNDOUTS AT
CURB AND GUTTER

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV		79	57
BD-48			CONTRACT NO. 61E35	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

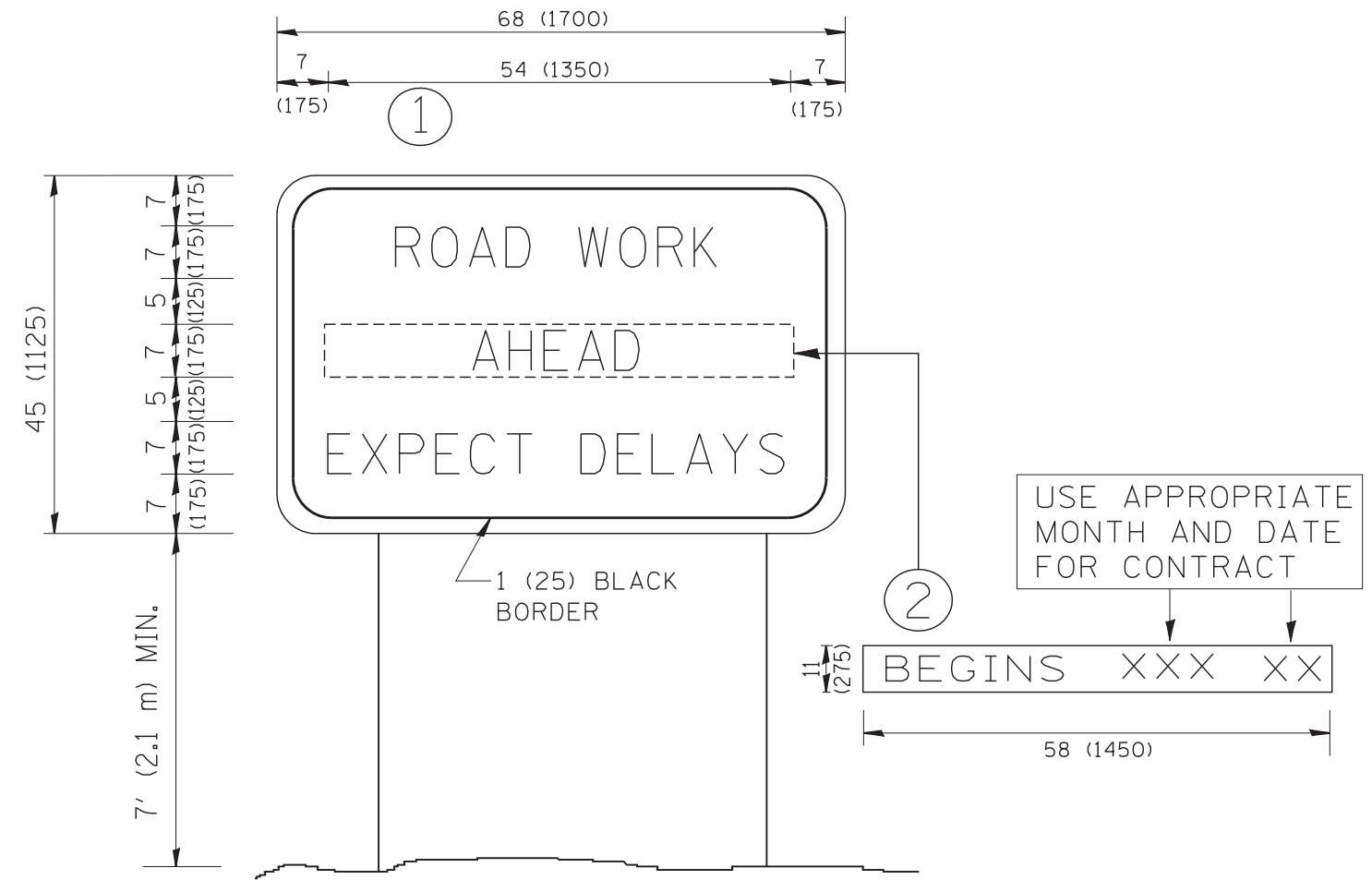
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Default	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	58
TC-10		CONTRACT NO. 61E35		
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.

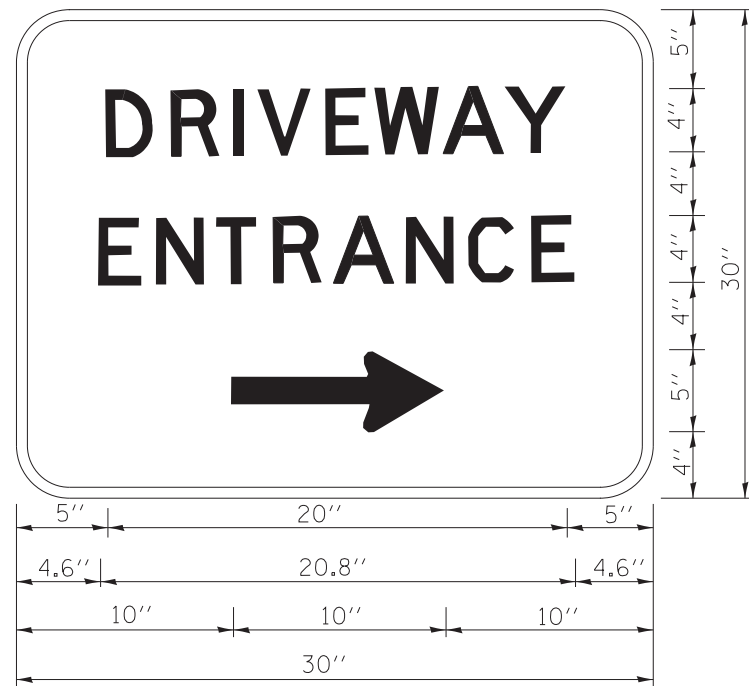
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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		DESIGNED - CHECKED -	REVISED - REVISED -
		DESIGNED - DATE -	REVISED - REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 2580	SECTION 16-00081-00-PV	COUNTY	TOTAL SHEETS 79	SHEET NO. 61
TC-22		CONTRACT NO. 61E35		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
 PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN)
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME =	USER NAME = gegl1enobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ct:\pwork\pwork\gagl1enobt\d0108315\to26.dgn		DRAWN -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

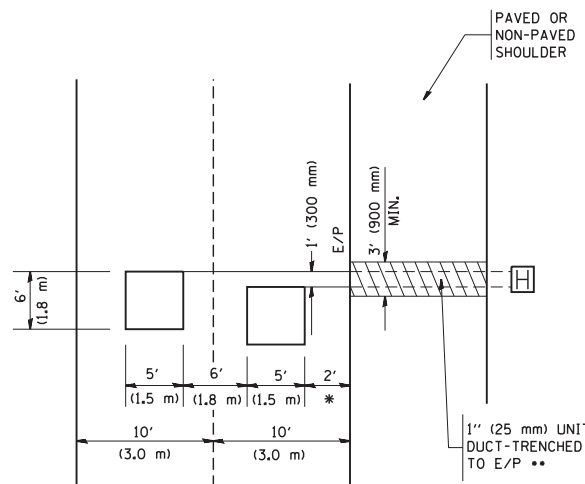
DRIVEWAY ENTRANCE SIGNING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	62
TC-26			CONTRACT NO. 61E35	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



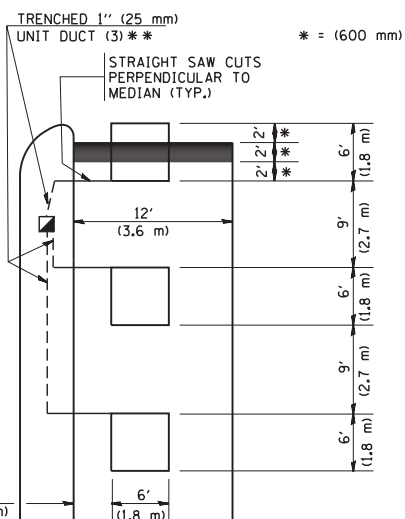
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



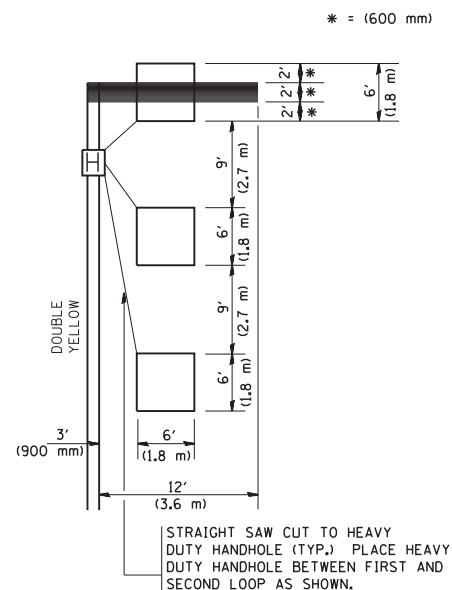
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

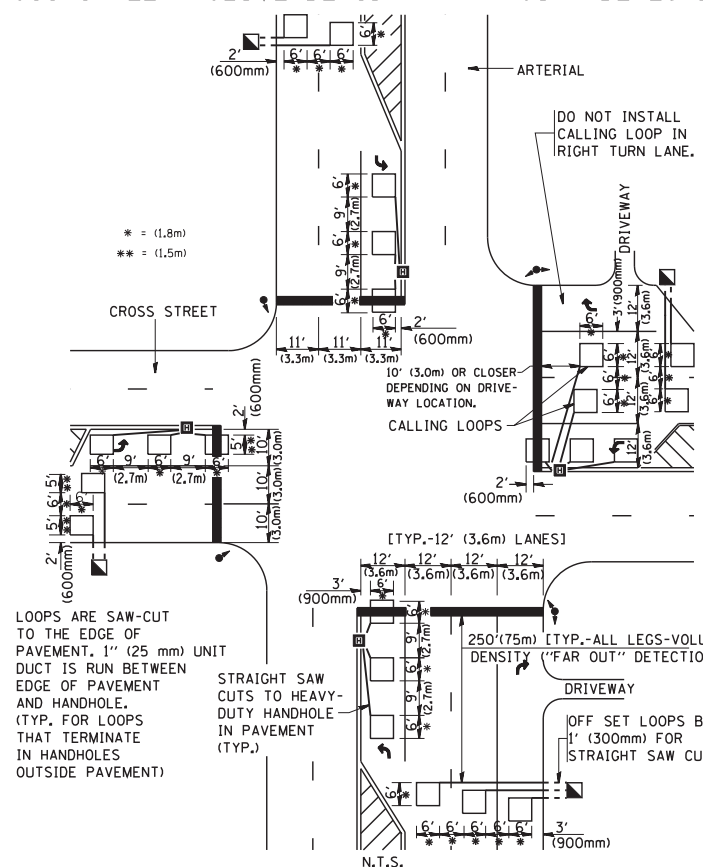
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)

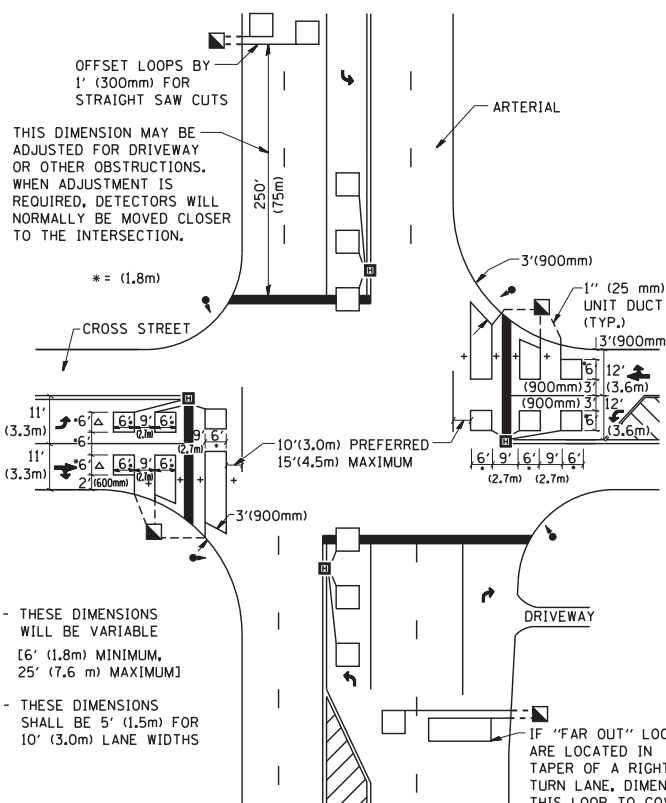


LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

DETAIL 2
N.T.S.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME = W:\diststd\22x34\ts07.dgn

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PLOT SCALE = 50.0000' / IN.
PLOT DATE = 1/4/2008

DESIGNED -
DRAWN -
CHECKED - R.K.F.
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

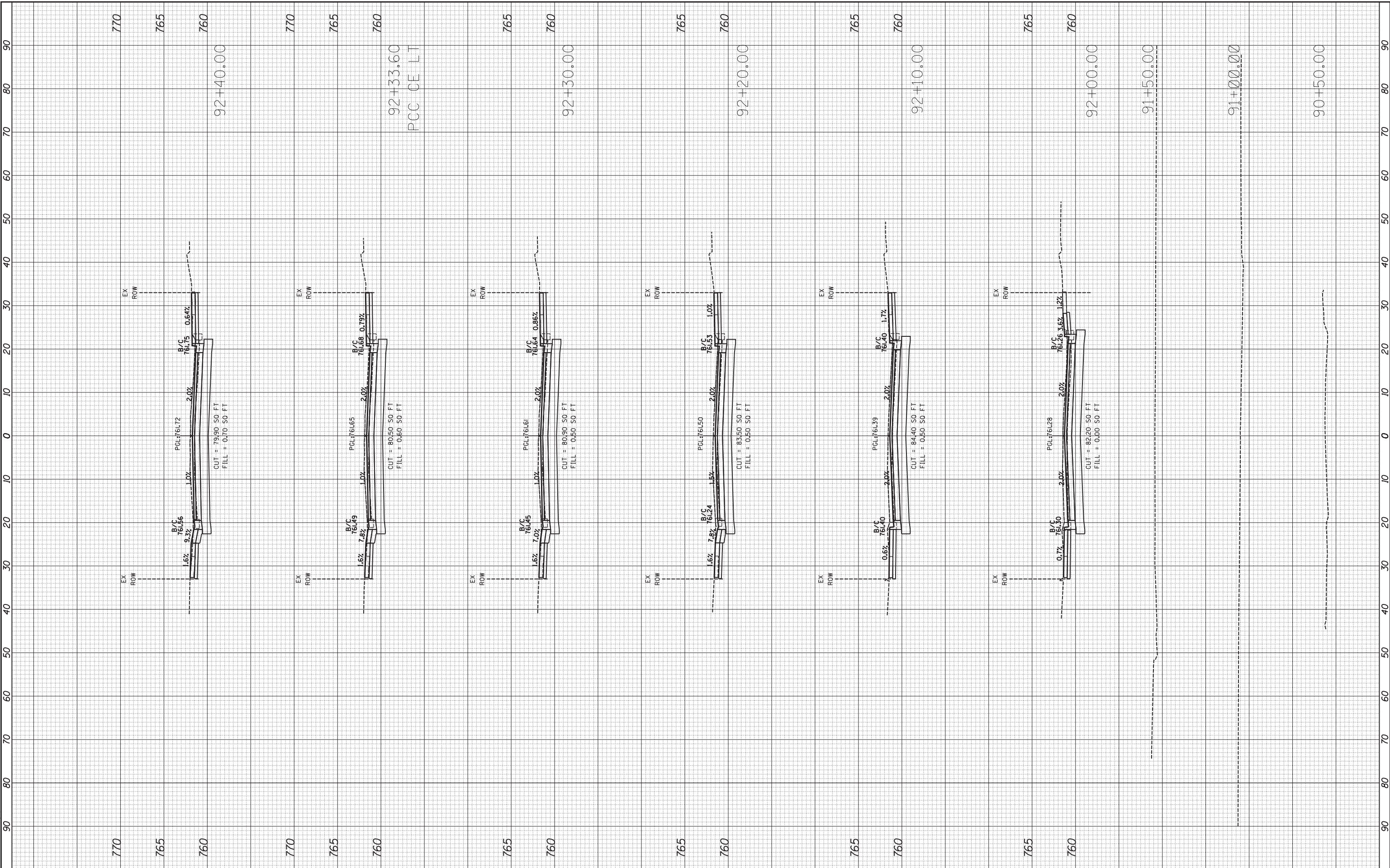
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	63
TS-07		CONTRACT NO. 61E35		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

Plot16d.12/29/2017 8:24:54 AM By: jschmidt



Engineering Enterprises, Inc.
 CONSULTING ENGINEERS
 52 Wheeler Road
 Sugar Grove, Illinois 60554
 630.466.6700 / www.eeieeb.com

USER NAME	= jschmidt
DESIGNED	-
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CHECKED	-
DATE	-
PLOT SCALE	= *SCALE*
PLOT DATE	= 12/29/2017

REVISIONS	-
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
 CROSS SECTIONS**

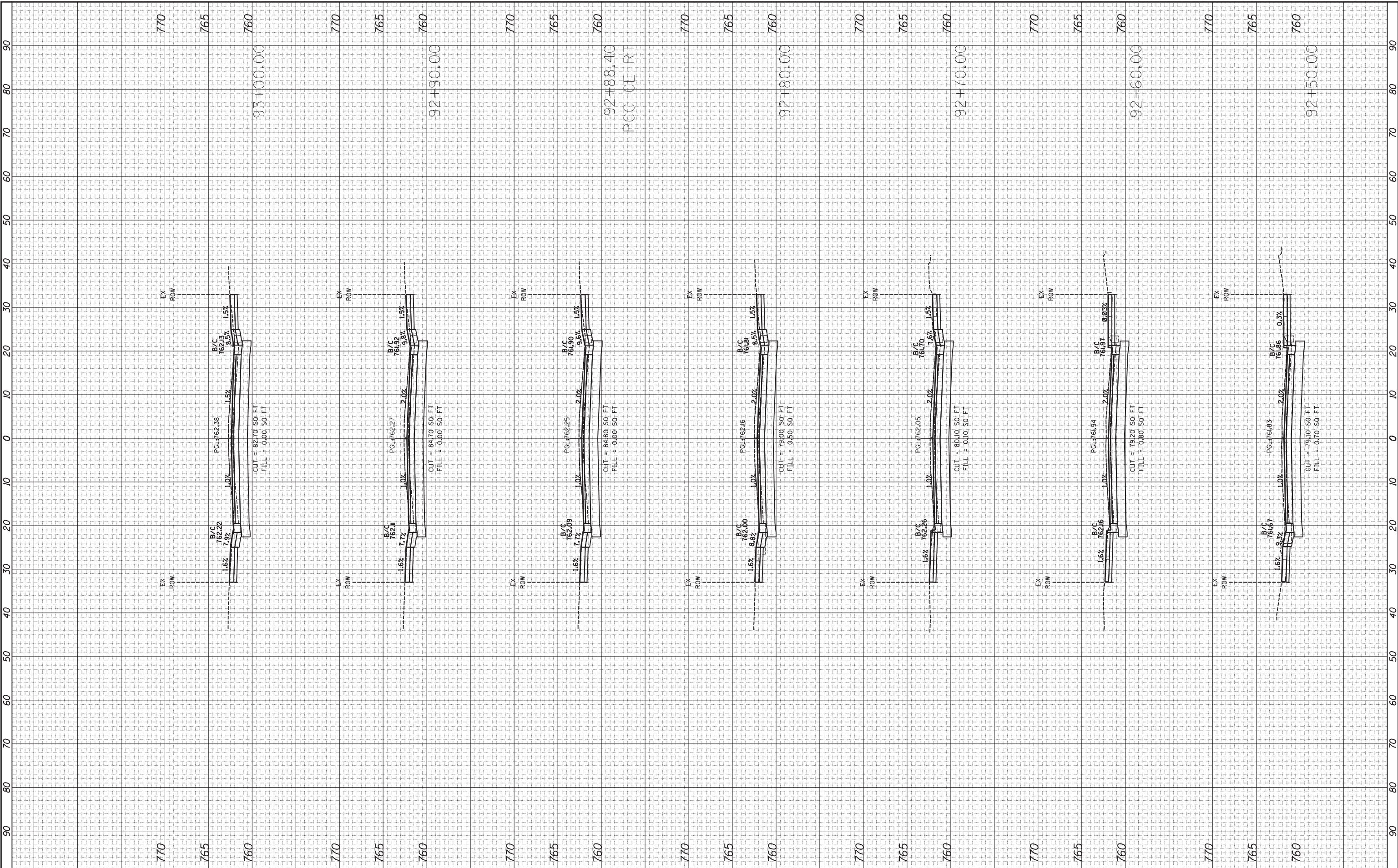
SCALE: 1"=10' SHEET 1 OF 16 SHEETS STA. 90+50.00 TO STA. 92+40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	64
2581		CONTRACT NO.	61E35	
ILLINOIS FED. AID PROJECT				

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

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 52 Wheeler Road
 Sugar Grove, Illinois 60954
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USER NAME	= jschmidt
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
 CROSS SECTIONS**

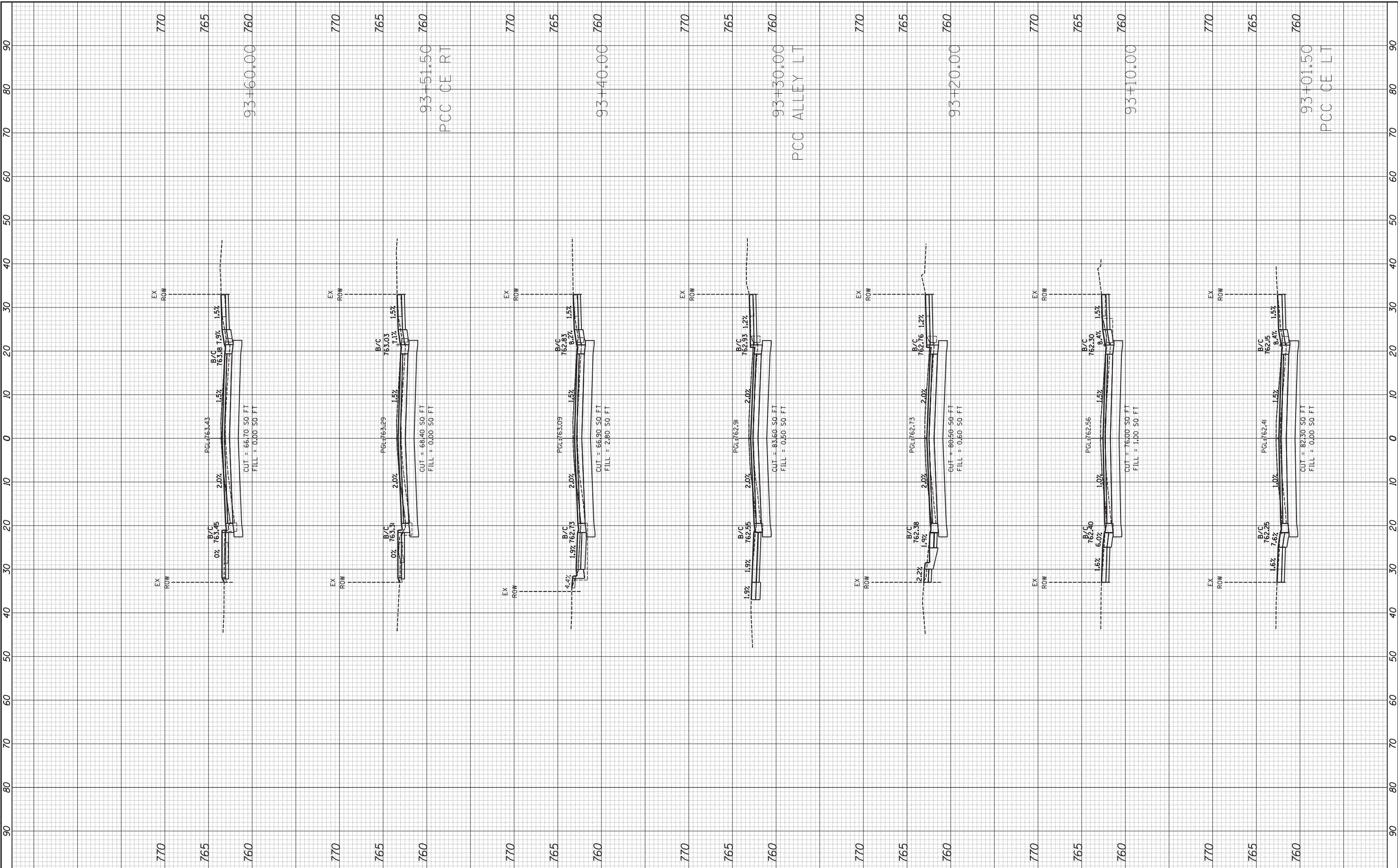
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	65
2581		CONTRACT NO.	61E35	
ILLINOIS FED. AID PROJECT				

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

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

P0116d.12/29/2017.82437.dwg By: jschmidt



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USER NAME	= jschmidt
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PLOT DATE	= 12/29/2017

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
 CROSS SECTIONS**

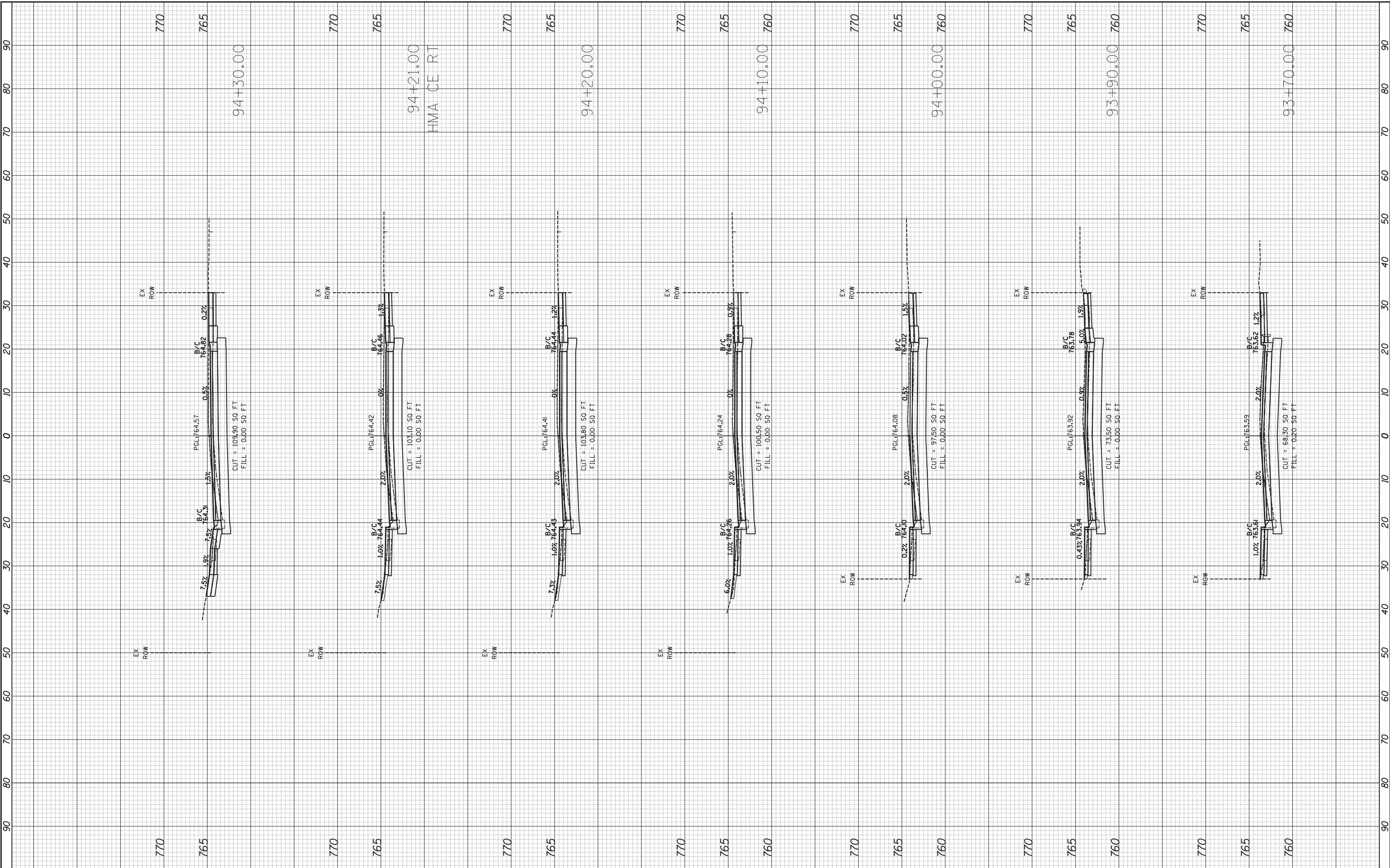
SCALE: 1"=10' SHEET 3 OF 16 SHEETS STA. 93+01.50 TO STA. 93+60.00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	66
2581		CONTRACT NO.	61E35	
ILLINOIS FED. AID PROJECT				

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

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
 CROSS SECTIONS**

SCALE: 1"=10' SHEET 4 OF 16 SHEETS STA. 93+70.00 TO STA. 94+30.00

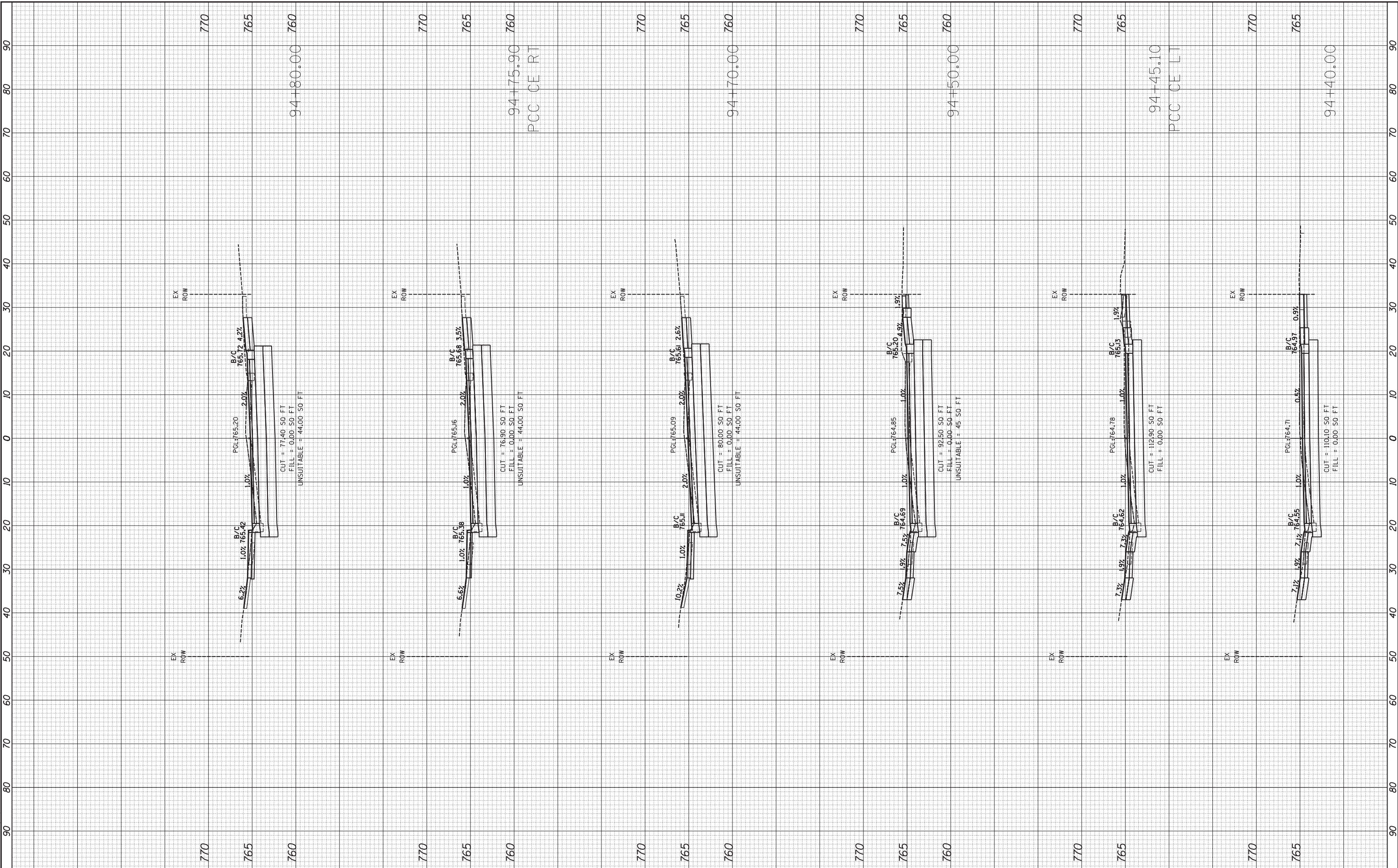
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	67
2581		CONTRACT NO.	61E35	

ILLINOIS FED. AID PROJECT

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

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
 CROSS SECTIONS**

SCALE: 1"=10' SHEET 5 OF 16 SHEETS STA. 94+40.00 TO STA. 94+80.00

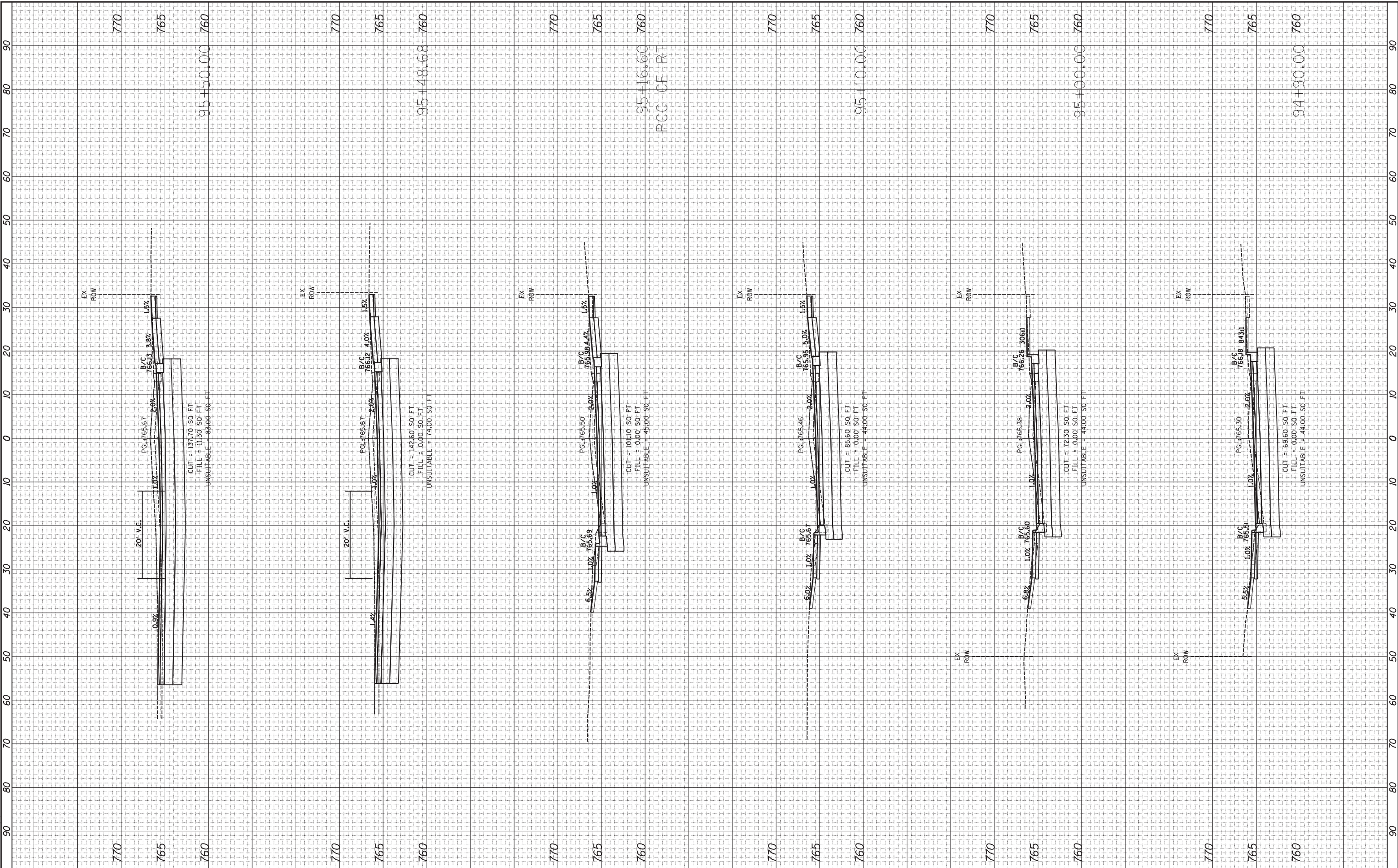
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	68
2581			CONTRACT NO. 61E35	

ILLINOIS FED. AID PROJECT

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

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
 CROSS SECTIONS**

SCALE: 1"=10' SHEET 6 OF 16 SHEETS STA. 94+90.00 TO STA. 95+50.00

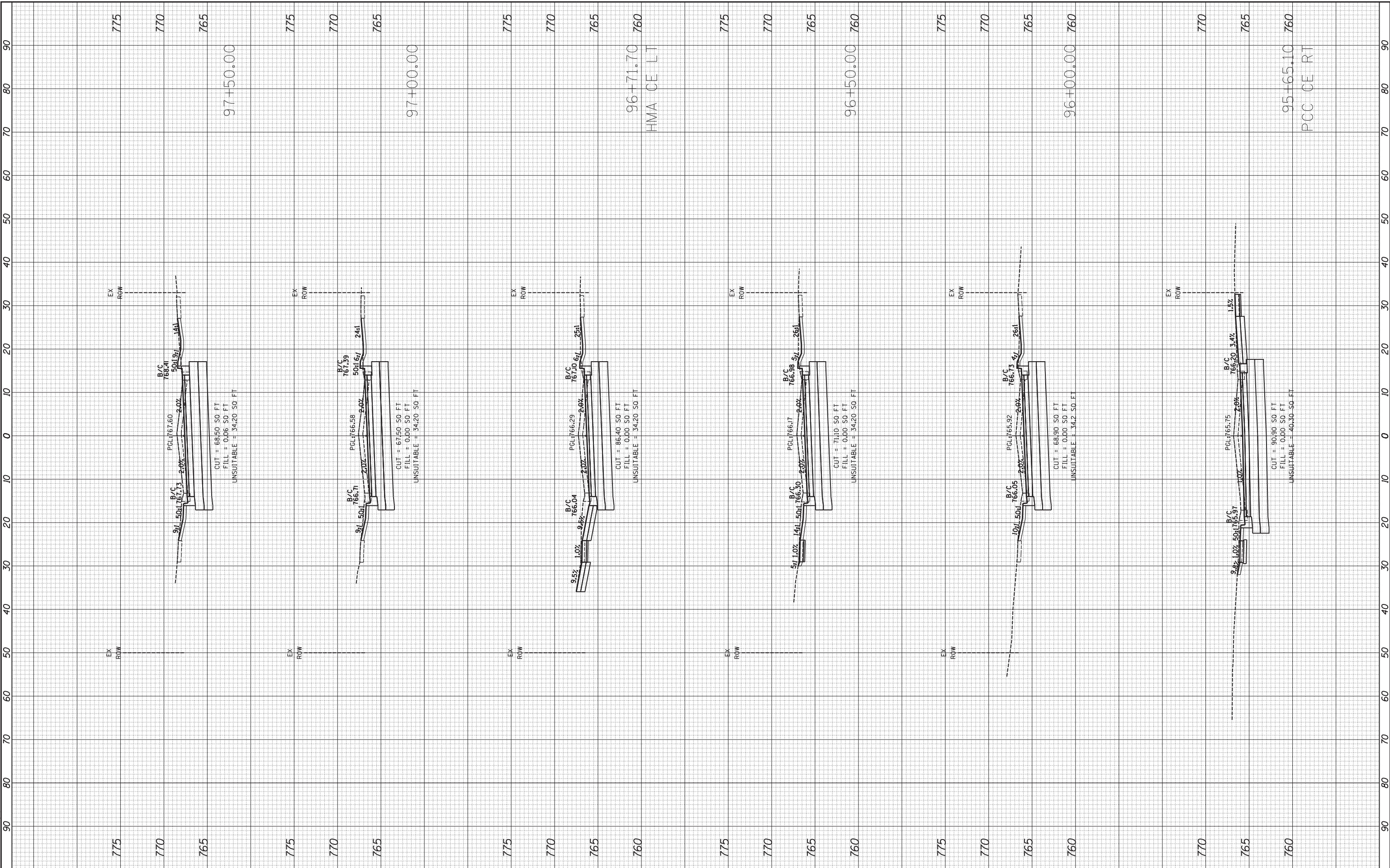
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	69
2581			CONTRACT NO. 61E35	

ILLINOIS FED. AID PROJECT

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

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

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
 CROSS SECTIONS**

SCALE: 1"=10' SHEET 7 OF 16 SHEETS STA. 95+65.10 TO STA. 97+50.00

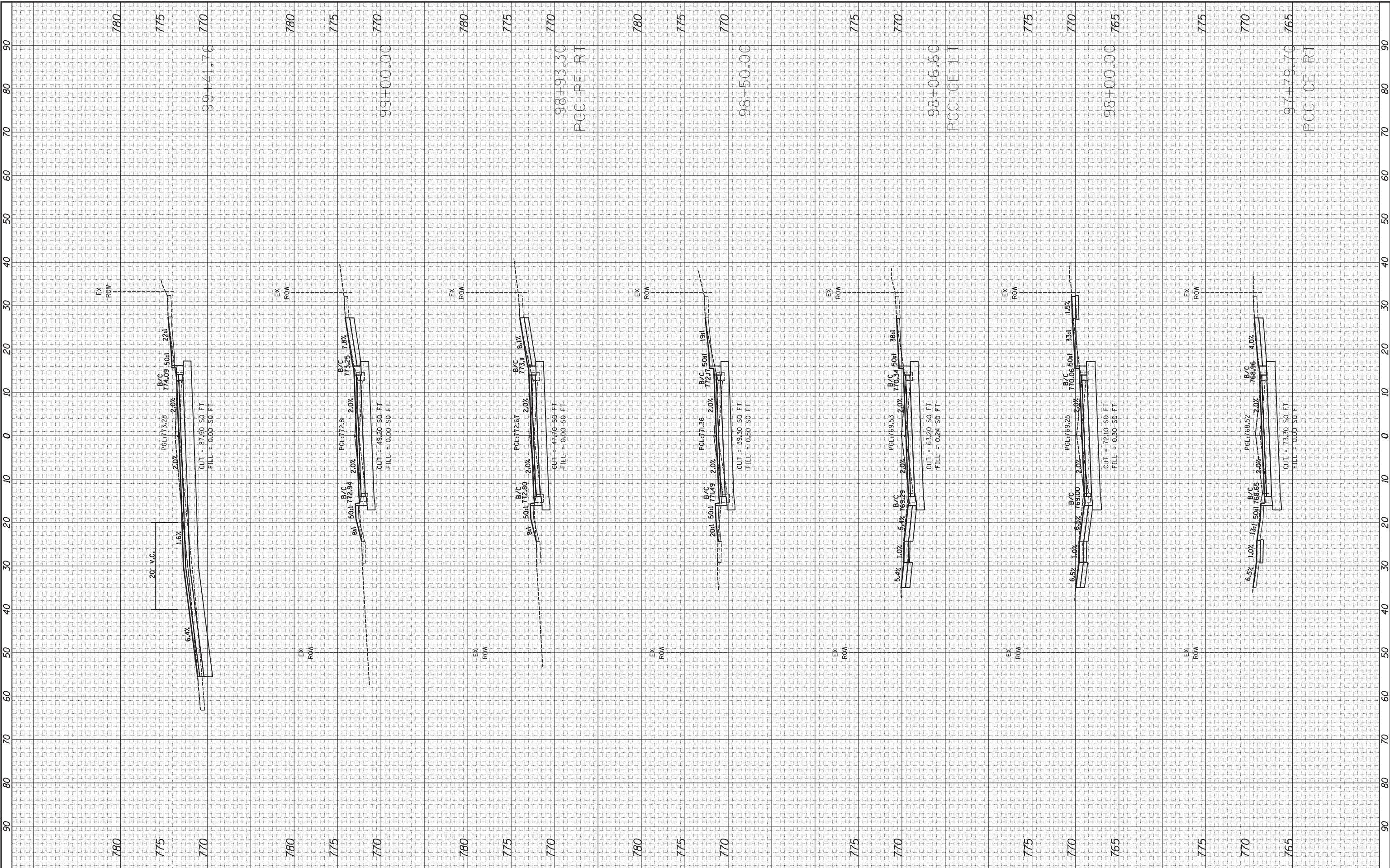
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	70
2581			CONTRACT NO. 61E35	

ILLINOIS FED. AID PROJECT

FINL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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**STATE OF ILLINOIS
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**PARK BOULEVARD
 CROSS SECTIONS**

SCALE: 1"=10' SHEET 8 OF 16 SHEETS STA. 97+79.70 TO STA. 99+41.76

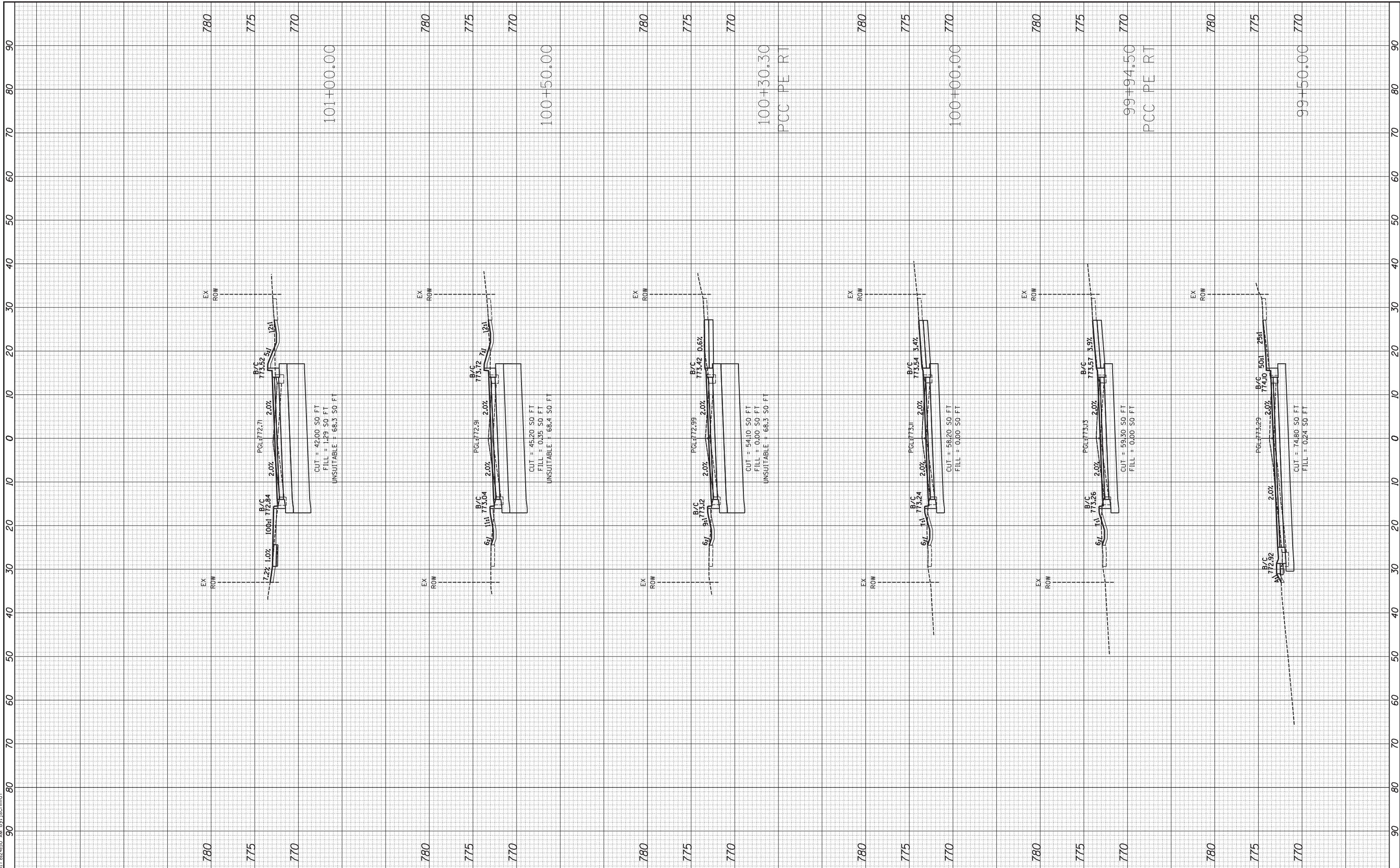
F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	71
2581			CONTRACT NO. 61E35	

ILLINOIS FED. AID PROJECT

FINL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
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ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
AREAS	CHECKED		
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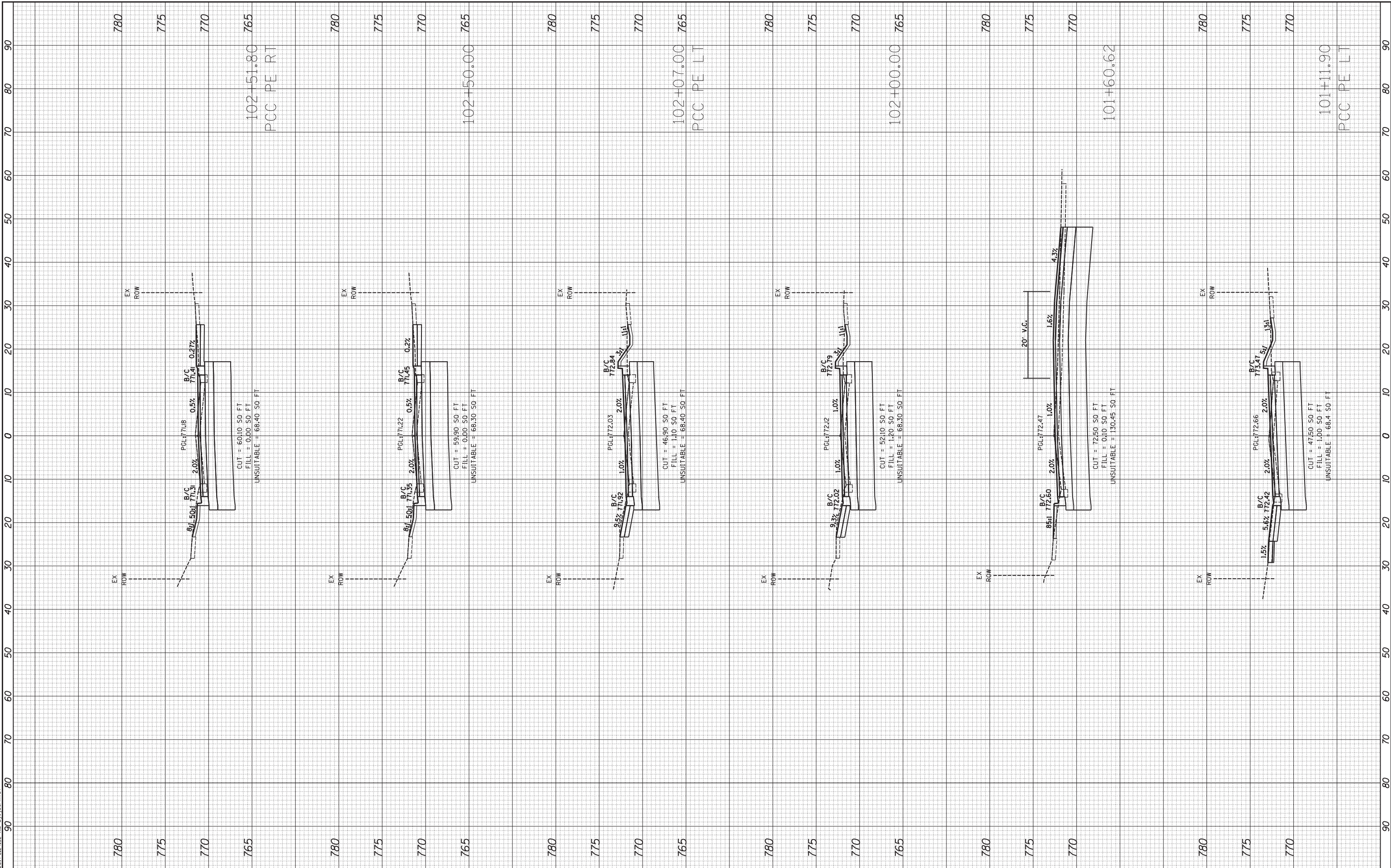
PARK BOULEVARD
CROSS SECTIONS
 SCALE: 1"=10'
 SHEET 9 OF 16 SHEETS
 STA. 99+50.00 TO STA. 101+00.00

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	72
2581			CONTRACT NO. 61E35	
ILLINOIS FED. AID PROJECT				

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

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

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**STATE OF ILLINOIS
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**PARK BOULEVARD
 CROSS SECTIONS**

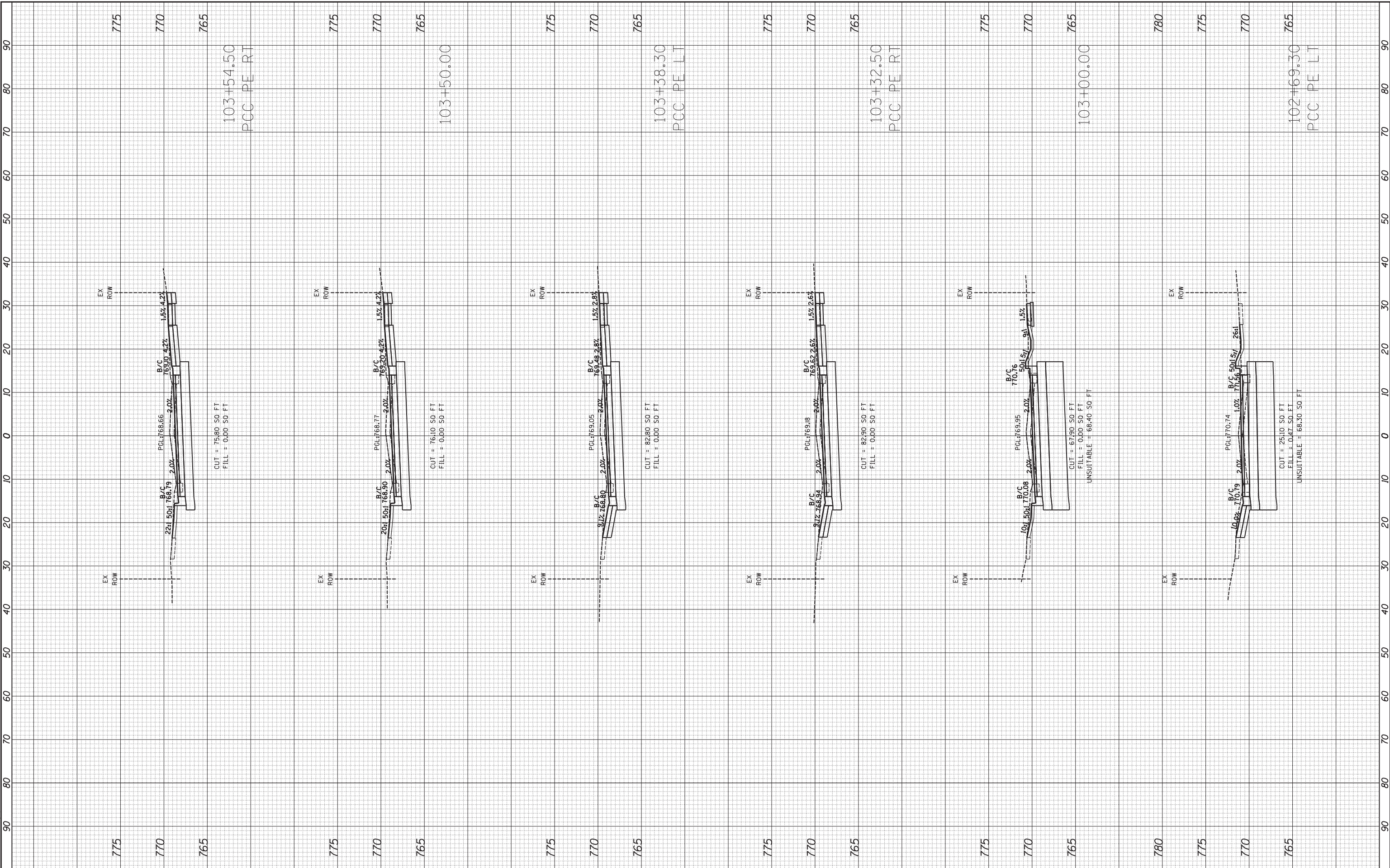
SCALE: 1"=10' SHEET 10 OF 16 SHEETS STA. 101+11.90 TO STA. 102+51.80

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	73
2581		CONTRACT NO.	61E35	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PARK BOULEVARD
 CROSS SECTIONS**

SCALE: 1"=10' SHEET 11 OF 16 SHEETS STA. 102+69.30 TO STA. 103+54.50

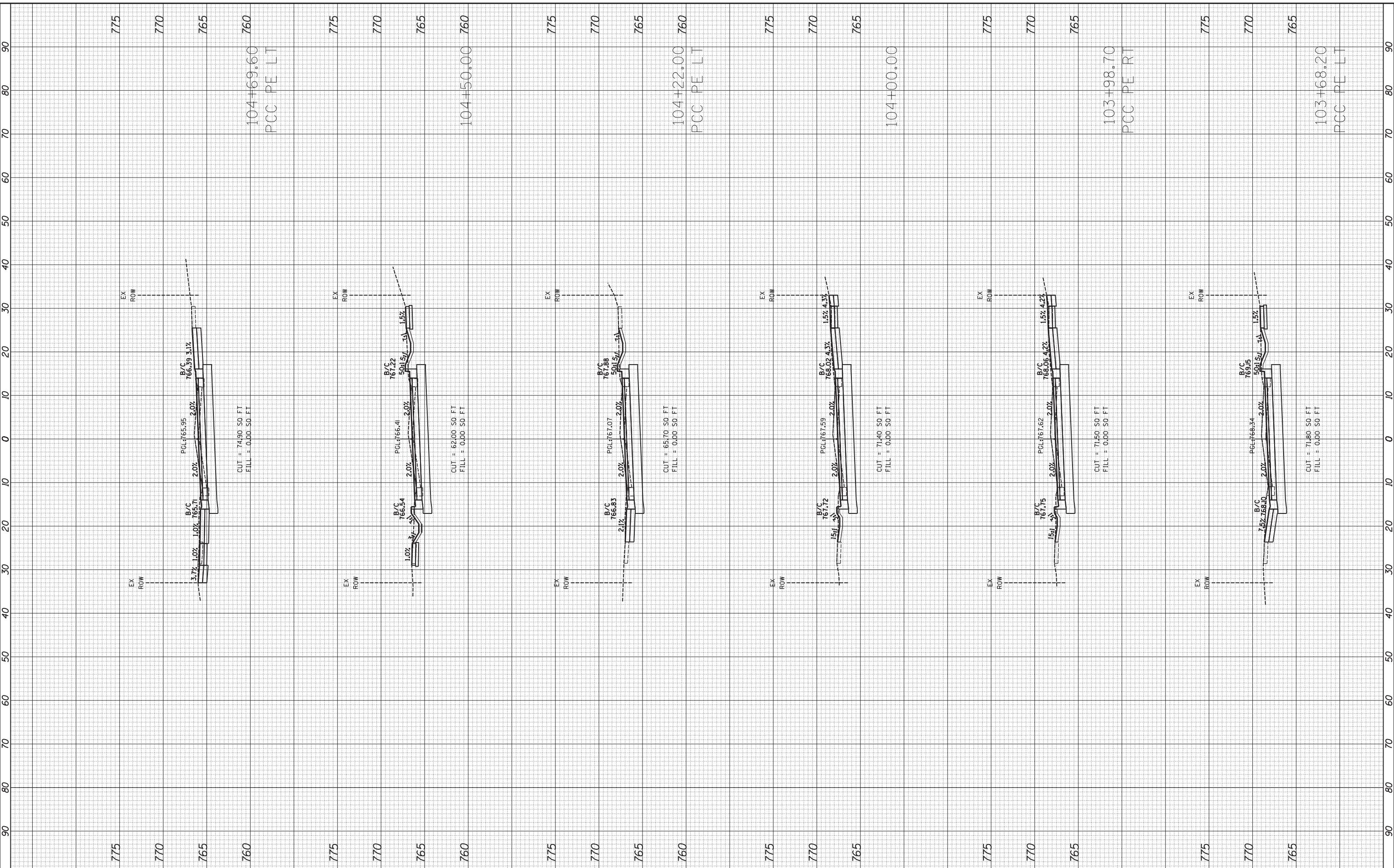
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	74
2581			CONTRACT NO. 61E35	

ILLINOIS FED. AID PROJECT

FINL	SURVED	BY	DATE
SURVY	PLOTED		
NOTE	TEMPLE		
BOOK	AREAS		
NO.	CHECKED		

ORIGINAL	SURVED	BY	DATE
SURVY	PLOTED		
NOTE	TEMPLE		
BOOK	AREAS		
NO.	CHECKED		

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PLOT DATE	= 12/29/2017

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
CROSS SECTIONS

SCALE: 1"=10' SHEET 12 OF 16 SHEETS STA. 103+68.20 TO STA. 104+69.60

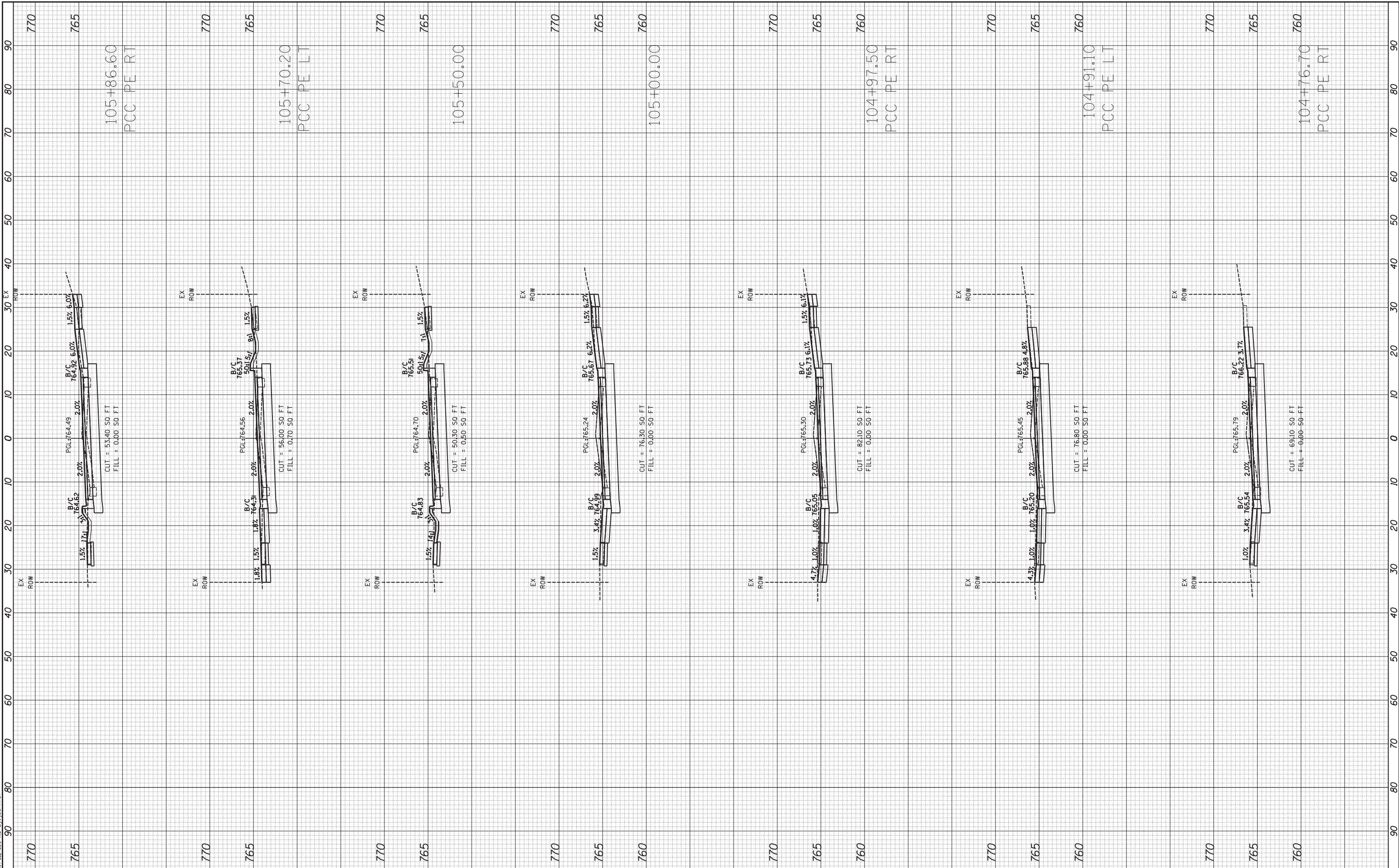
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	75
2581		CONTRACT NO.	61E35	

ILLINOIS FED. AID PROJECT

FINISH SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARK BOULEVARD
CROSS SECTIONS

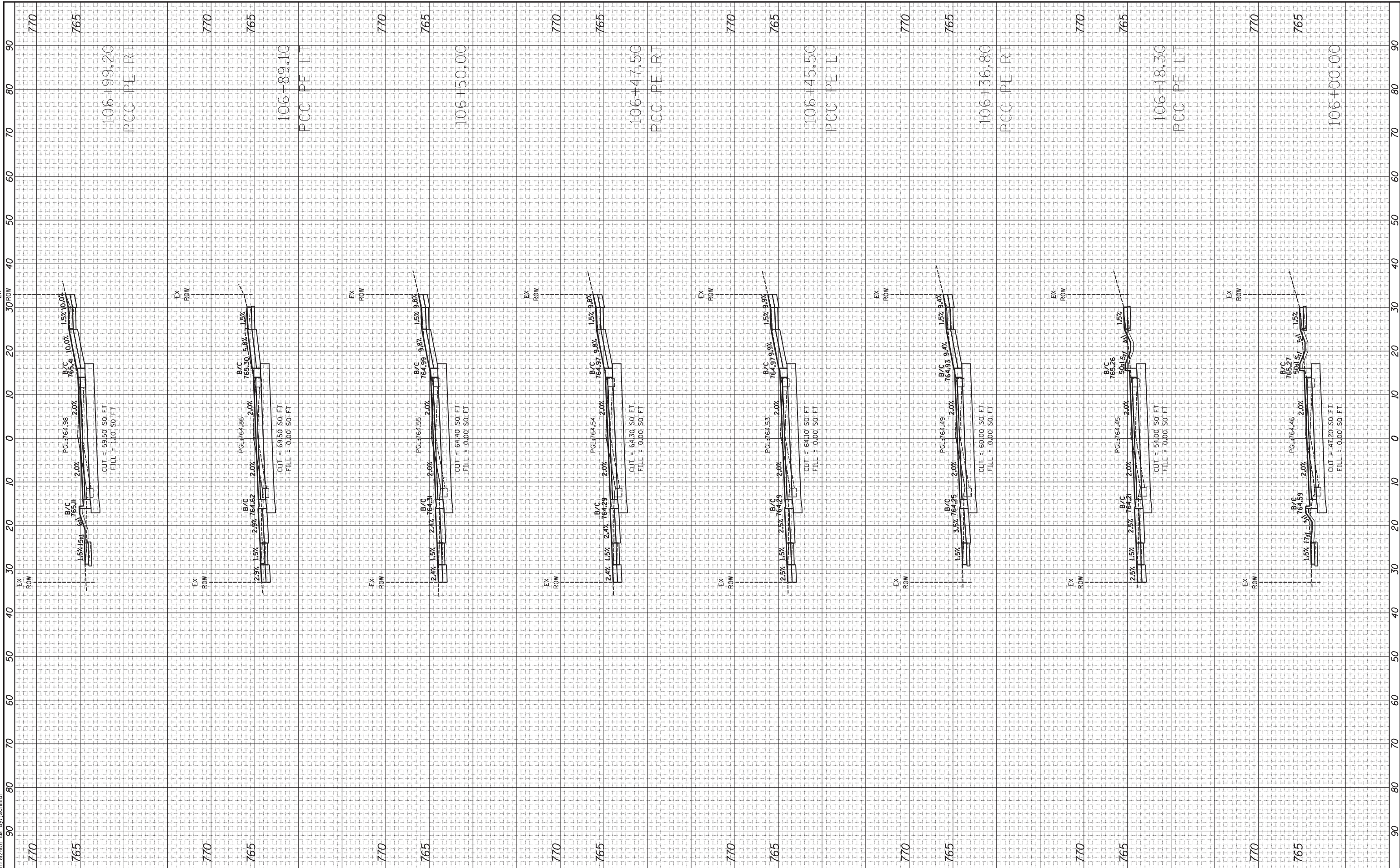
SCALE: 1"=10' SHEET 13 OF 16 SHEETS STA. 104+76.70 TO STA. 105+86.60

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	76
2581			CONTRACT NO. 61E35	
ILLINOIS FED. AID PROJECT				

FINISH SURVEY	SURVEYED	BY	DATE
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ORIGINAL SURVEY	SURVEYED	BY	DATE
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**STATE OF ILLINOIS
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**PARK BOULEVARD
 CROSS SECTIONS**

SCALE: 1"=10' SHEET 14 OF 16 SHEETS STA. 106+00.00 TO STA. 106+99.20

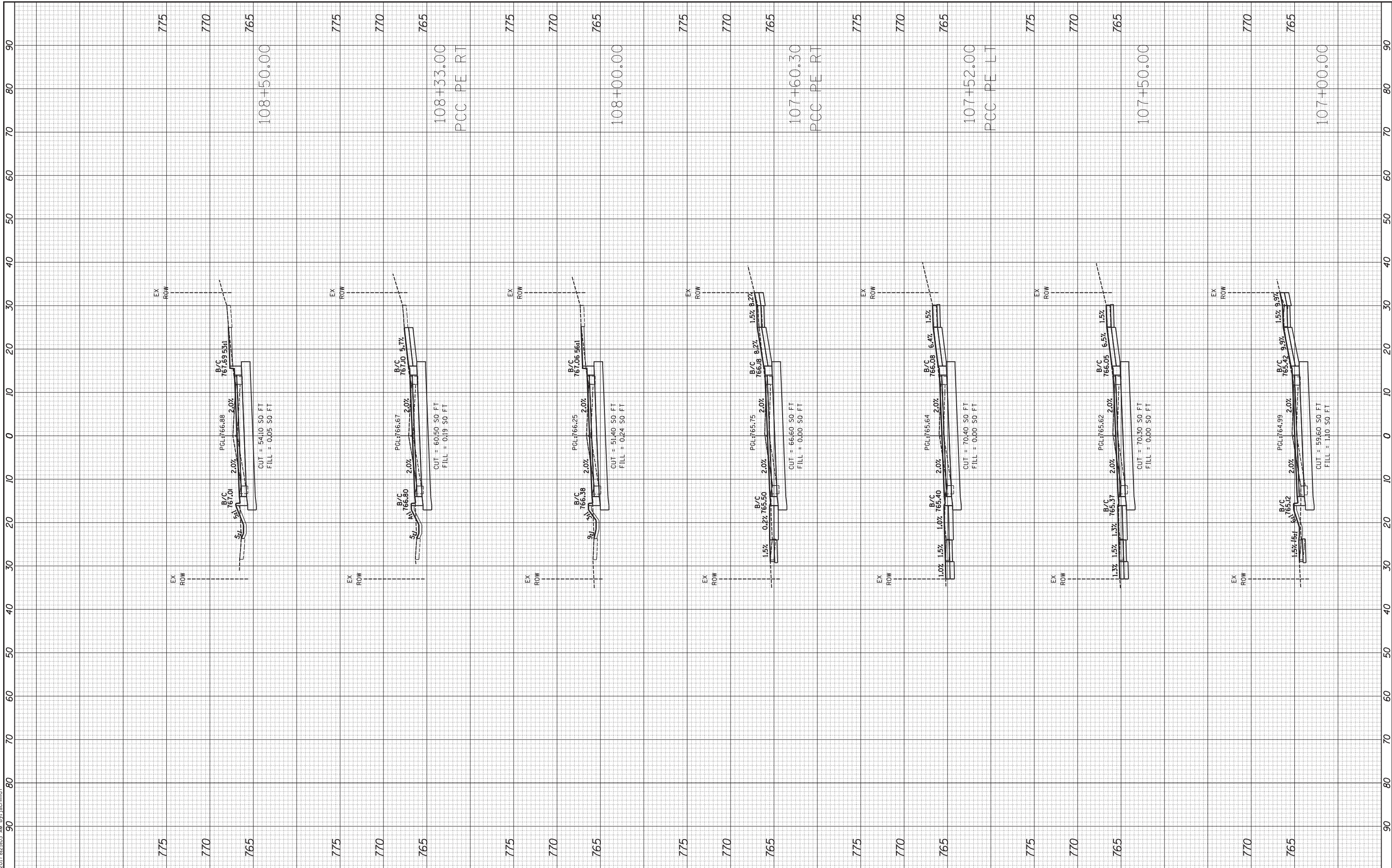
F.A.U. RTE. 2580	SECTION 16-00081-00-PV	COUNTY DUPAGE	TOTAL SHEETS 79	SHEET NO. 77
2581			CONTRACT NO. 61E35	

ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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**STATE OF ILLINOIS
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**PARK BOULEVARD
 CROSS SECTIONS**

SCALE: 1"=10' SHEET 15 OF 16 SHEETS STA. 107+00.00 TO STA. 108+50.00

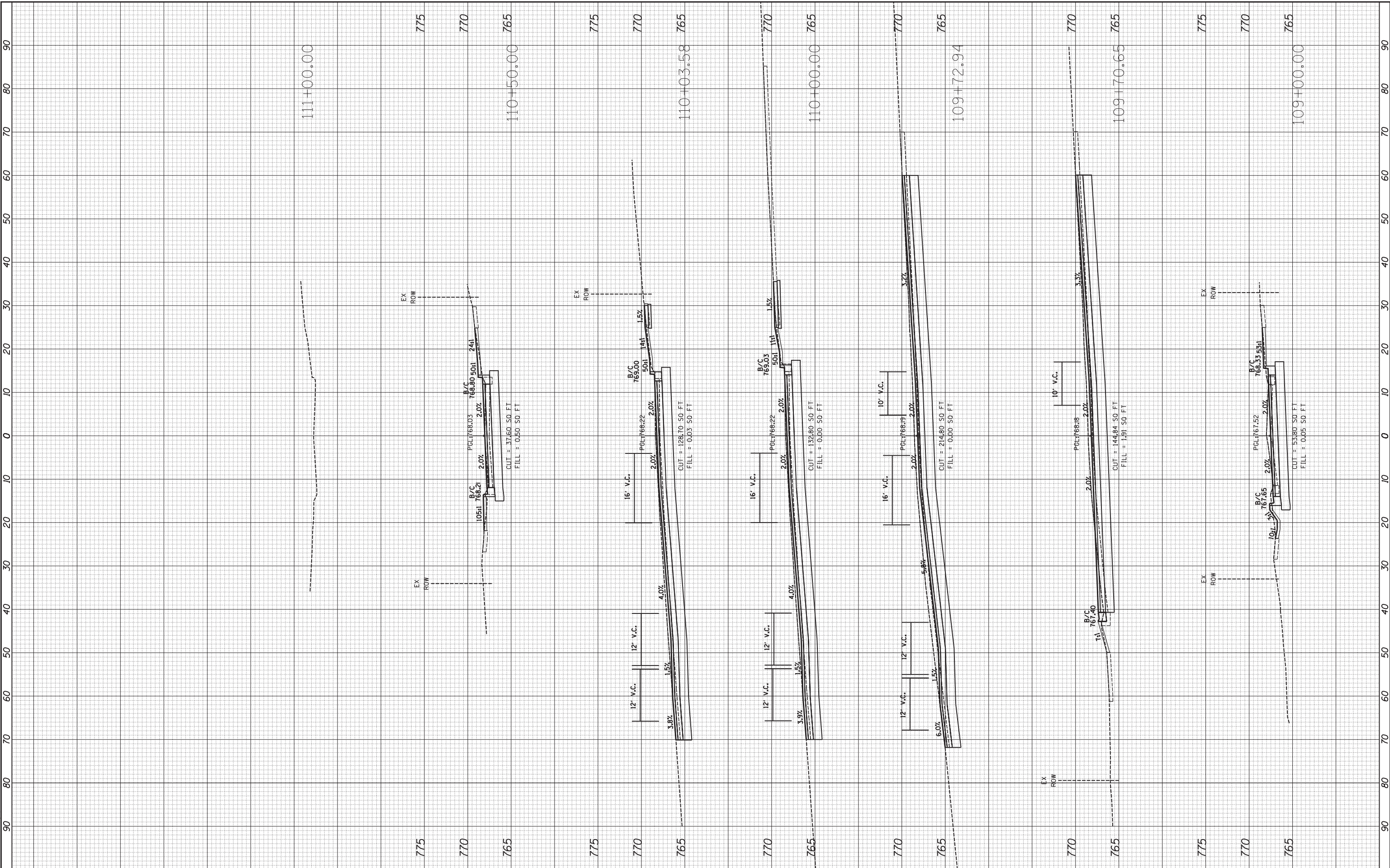
F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	78
2581			CONTRACT NO. 61E35	

ILLINOIS FED. AID PROJECT

FINIAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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**PARK BOULEVARD
 CROSS SECTIONS**

SCALE: 1"=10' SHEET 16 OF 16 SHEETS STA. 109+00.00 TO STA. 111+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2580	16-00081-00-PV	DUPAGE	79	79
2581			CONTRACT NO. 61E35	

ILLINOIS FED. AID PROJECT