

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 61F17	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

11-08-2019 LETTING ITEM 084

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

## PLANS FOR PROPOSED FEDERAL AID HIGHWAY

### CAL-SAG TRAIL (BLUE ISLAND WEST) 131ST STREET TO ASHLAND AVENUE BIKE /PEDESTRIAN TRAIL

### SECTION NO. 08-00178-03-BT PROJECT NO. 9JTD(912) CITY OF BLUE ISLAND COOK COUNTY

### C-91-093-16



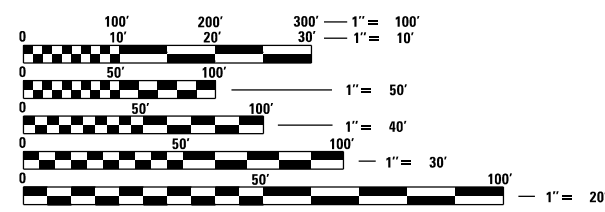
LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

**DESIGN DESIGNATION**

BIKE PATH

**POSTED SPEED LIMIT**

BIKE PATH 20 M.P.H.

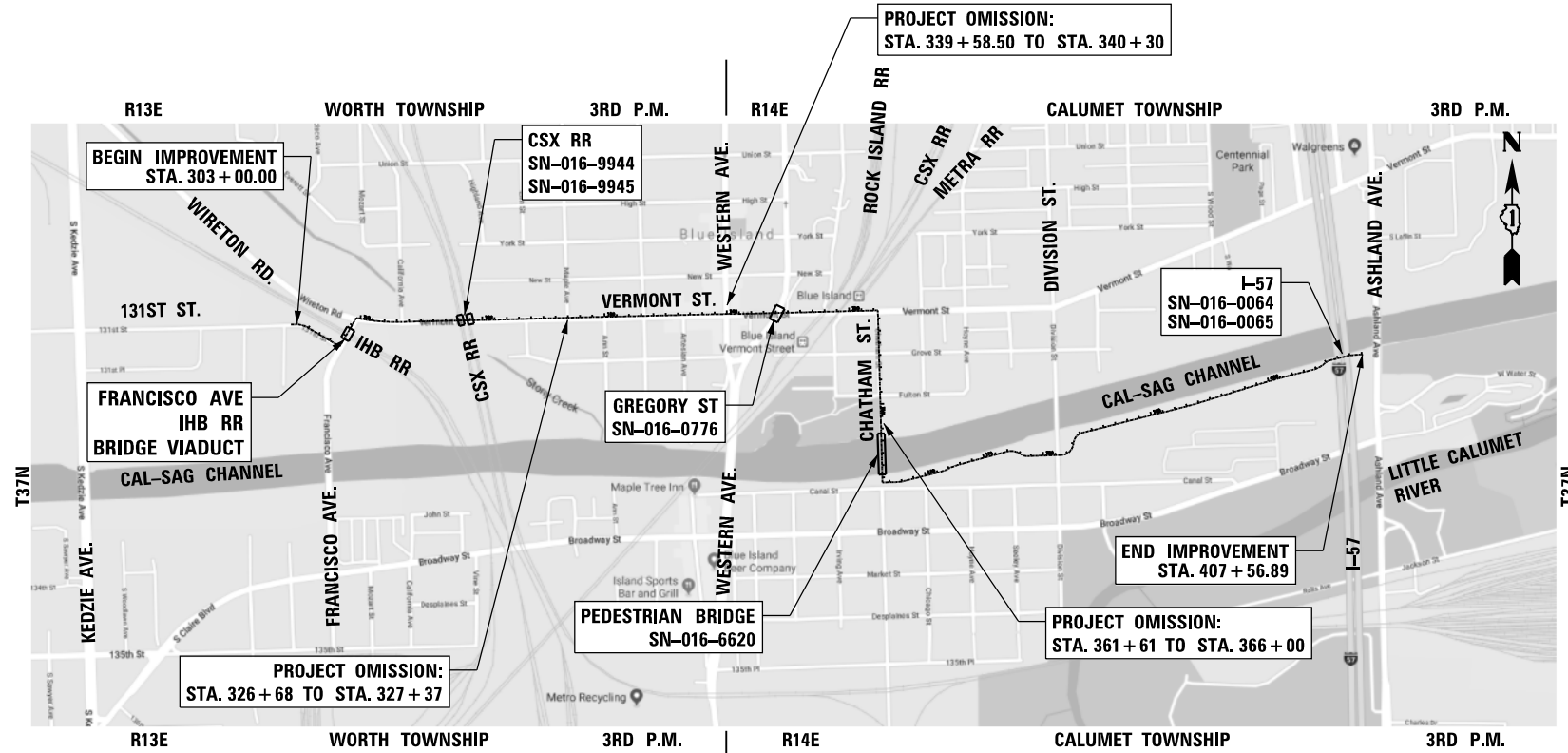


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



*Brian M. Czornyka*  
BRIAN M. CZOSNYKA, P.E.  
EXPIRES: 11/30/2019



LOCATION MAP  
(NOT TO SCALE)

GROSS AND NET LENGTH OF PROJECT = 9,877.39 FT = 1.87 MI

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

Approved: 7-31 2019  
*Dennis J. Nayer*  
CITY OF BLUE ISLAND, MAYOR

PASSED: 8-6-2019  
*Steph M. Smith*  
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW: August 6 2019  
*Chad J. Pauley*  
REGIONAL ENGINEER

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OF THE STATE OF ILLINOIS**

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

CONTRACT NO. 61F17

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## CONSTRUCTION RESTRICTIONS & ACCESS LOCATIONS

PER IDOT NATURAL RESOURCES REVIEW FOR ENDANGERED SPECIES ACT - SECTION 7 - NORTHERN LONG-EARED BAT, TREES WILL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30. IN ADDITION TO THE DATE RESTRICTION ON TREE CLEARING, IMPACTS TO TREES SHALL BE MITIGATED IN ACCORDANCE WITH IDOT DEPARTMENTAL POLICY D&E-18 PRESERVATION AND REPLACEMENT OF TREES.

THE CONSTRUCTION ACCESS LOCATION FOR CONSTRUCTION OF THE OFF-STREET PORTION OF THE BIKE TRAIL SHALL BE AS FOLLOWS:

- CHATHAM STREET TO DIVISION STREET - USE EXISTING MWRD/CITY OF BLUE ISLAND ACCESS ROAD OFF OF THE NORTH SIDE OF CANAL STREET WEST OF SEELEY AVENUE. CONTACT RICK BELAIR (773-256-3663, BelairR2@mwrld.org) AT MWRD FOR ENTRANCE GATE ACCESS.
- DIVISION STREET TO ASHLAND AVENUE - USE EXISTING MWRD/CITY OF BLUE ISLAND ACCESS ROAD OFF OF THE EAST SIDE OF DIVISION STREET NORTH OF CANAL STREET AND FIRE STATION 2 SOUTH OF THE CAL-SAG CHANNEL.
- DIVISION STREET TO ASHLAND AVENUE - USE EXISTING ACCESS ROAD OFF OF THE WEST SIDE OF ASHLAND AVENUE, NORTH OF BROADWAY STREET SOUTH OF THE CAL-SAG CHANNEL BETWEEN ASHLAND AVENUE AND I-57.

### GENERAL NOTES

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITY FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).

ALL STATION-OFFSET CALL OUTS AND CURVE DATA ON THE PLANS REFER TO THE PROPOSED CENTERLINE UNLESS OTHERWISE SHOWN.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL DIMENSIONS BEFORE INITIATING WORK.

ANY WORK ON HOLIDAYS OR WEEKENDS WILL NEED PRIOR APPROVAL FROM THE ENGINEER.

### SPECIFICATIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (SSRBC), ADOPTED APRIL 1, 2016, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", 2014, 7TH EDITION, THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", LATEST EDITION, THE DETAILS INCLUDED IN THE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

### STANDARDS

ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARD OF IDOT AS LISTED ON THIS SHEET.

### COORDINATION

THE CONTRACTOR SHALL NOTIFY THE CITY OF BLUE ISLAND (708-597-8604) AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK, AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR SECURING ANY AND ALL PERMITS FROM THE CITY OF BLUE ISLAND BEFORE THE START OF ANY CONSTRUCTION WITHIN THEIR RESPECTIVE RIGHT-OF-WAY.

### PUBLIC OR PRIVATE UTILITIES

THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE, AND THE DEPARTMENT AND DISTRICT DO NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL BE REQUIRED TO ASCERTAIN THE EXACT LOCATIONS OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM, IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS". THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY OWNERS SO THAT THEIR FACILITIES MAY BE ADJUSTED OR RELOCATED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS UNLESS OTHERWISE NOTED IN THE PLANS. ALL RELOCATION WORK ON EXISTING PRIVATE UTILITIES WILL BE DONE BY THE OWNER OF THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY, AND SHALL RESTORE SUCH PROPERTY AT HIS/HER OWN EXPENSE.

### SURVEY AND MONUMENTS

ALL ELEVATIONS IN THE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

ALL BEARINGS AND COORDINATES REFERENCED IN THE PLAN DRAWINGS AND ALL CONTROL COORDINATES ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2007).

### DISPOSAL OF MATERIALS

THE CONTRACTOR SHALL BE REQUIRED TO DISPOSE OF ALL SIDEWALK, CURB AND GUTTER, PAVEMENT, AND ALL OTHER MATERIALS EXCAVATED OR REMOVED DUE TO CONSTRUCTION OPERATIONS. NO HAULING OR TRUCKING MATERIAL TO LOCATIONS, PROVIDED BY THE CONTRACTOR, OUTSIDE THE LIMITS OF THE IMPROVEMENT.

### UNSUITABLE MATERIAL

BEFORE REMOVAL OF ANY UNSUITABLE MATERIAL, THE CONTRACTOR SHALL TREAT THE SUBGRADE AS PER ARTICLE 301.03 OF THE "STANDARD SPECIFICATIONS" TO THE SATISFACTION OF THE ENGINEER. UNSUITABLE MATERIAL SHALL NOT BE USED AS EMBANKMENT OR FILL UNDER THE PROPOSED TRAIL AS SHOWN ON THE TYPICAL CROSS SECTIONS.

### STOCKPILES

STOCKPILES OF TOPSOIL AND OTHER MATERIALS SHALL NOT BE LOCATED WITHIN A SPECIAL MANAGEMENT AREA. APPROVAL OF THE LOCATION MUST BE OBTAINED FROM THE ENGINEER PRIOR TO PLACEMENT. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES SHALL BE PROVIDED. STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.

### TREE TRIMMING

ALL BRANCHES THAT ARE LESS THAN 12 FEET ABOVE THE SURFACE OF THE TRAIL SHALL BE REMOVED BY THE CONTRACTOR. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH ANSI STANDARD A300-2001 (PART 1) FOR TREE, SHRUB AND OTHER WOODY PLANT MAINTENANCE AND ANSI Z133.1-1994 FOR TREE CARE OPERATIONS PRUNING, TRIMMING, REPAIRING, MAINTAINING AND REMOVING TREES AND CUTTING BRUSH.

### ACCESS TO PROPERTY

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT, EXCEPT FOR PERIODS OF SHORT DURATION AS APPROVED BY THE ENGINEER. SHOULD CLOSURE OF ACCESS BE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER 24 HOURS IN ADVANCE OF THE SHORT DURATION CLOSURE.

### SUBGRADE STABILITY

THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE TO REPLACE SOILS AND/OR MATERIALS IN THE EXISTING SUBGRADE THAT ARE DETERMINED TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER.

### SAW CUTTING

THE LIMITS OF REMOVAL OF ALL CONCRETE OR BITUMINOUS PAVEMENTS, CURBING OR SIDEWALKS SHALL BE SAWCUT IN ACCORDANCE WITH SECTION 440 OF THE "STANDARD SPECIFICATIONS" AND AT THE DIRECTION OF THE ENGINEER. THE SAW CUTTING OF BITUMINOUS PAVEMENT, DRIVEWAYS, CURBING OR SIDEWALK SHALL BE CONSIDERED INCLUDED IN THE PAVEMENT REMOVAL, CURB AND GUTTER REMOVAL AND SIDEWALK REMOVAL.

## GENERAL CONSTRUCTION NOTES

### RESTORATION ACCESS

GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED WITH SIX INCHES OF TOPSOIL AND SEED OR SOD.

A. THE CONTRACTOR SHALL BE AWARE OF POTENTIAL LIMITED ACCESS TO PORTIONS OF THE PROJECT. TEMPORARY DRAINAGE CROSSINGS APPROVED BY THE ENGINEER MAY BE INSTALLED BY THE CONTRACTOR TO GAIN ACCESS.

### RAILROAD

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH NORTHEAST ILLINOIS REGIONAL COMMUTER (NIRC) CORP. RAILROAD (METRA) AND THEIR ASSOCIATED SPUR LINES WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE NIRC RAILROAD (METRA) 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.

## SEDIMENTATION AND EROSION CONTROL NOTES

- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE.
- TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE. PERMANENT STABILIZATION SHALL BE DONE WITHIN 14 DAYS AFTER COMPLETION OF FINAL GRADING.
- ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED, OR OTHERWISE TREATED TO REMOVE SEDIMENT.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
- THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL PRIOR TO THE START OF ANY EARTHWORK.
- IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES SHALL BE PROVIDED BY THE CONTRACTOR.
- EROSION CONTROL MEASURES SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE COOK COUNTY STORMWATER AND FLOODPLAIN ORDINANCE SPECIFICATIONS AT ALL TIMES.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTIONS II.G.1 AND 2 OF THE STORM WATER POLLUTION PREVENTION PLAN.

## TREE PRESERVATION NOTES

THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE" AND "WETLAND PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING TREE STRUCTURE.

TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES WHEN NECESSARY TO CUT MAJOR TREE ROOTS TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING IS SPECIFIED FOR TREES AND SHRUBS THAT WILL BE DISTURBED BY CONSTRUCTION BUT WILL REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING, TOP PRUNING OR OTHER CONSTRUCTION DISTURBANCE HAS OCCURED.

ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171, TO SCHEDULE A WALK THROUGH TO DETERMINE TREES FOR PRUNING, ROOT PRUNING, REMOVAL, AND PROTECTION AT LEAST 7 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION

## LANDSCAPING NOTES

EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIAL ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.

PRUNE TREE LIMBS THAT MIGHT BE DAMAGED BY EQUIPMENT OPERATIONS AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION BY A CERTIFIED ARBORIST. ANY TREE LIMBS THAT ARE BROKEN BY CONSTRUCTION EQUIPMENT AFTER THE INITIAL PRUNING MUST BE PRUNED CORRECTLY WITHIN 72 HOURS.

THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT APPROVAL OF THE TREES AND SHRUBS.

FILE NAME = P:\Blue Island\25367145\_Cal-SagTrail\Phase 2\Roadway\BlueIslandWest\General\Gennote.dgn



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - KLM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BMC	REVISED -
PLOT DATE = 8/19/2019 3:51:36 PM	DATE - JULY 29, 2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
INDEX OF SHEETS, GENERAL CONSTRUCTION NOTES  
AND HIGHWAY STANDARDS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	2
		CONTRACT NO. 61F17	
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT	

SPECIALTY ITEMS	CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0028
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	310
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	290
*	20100500	TREE REMOVAL, ACRES	ACRE	1
	20101000	TEMPORARY FENCE	FOOT	1,260
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	8
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	14
	20200100	EARTH EXCAVATION	CU YD	1,889
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3,326
	20400800	FURNISHED EXCAVATION	CU YD	974
	20800150	TRENCH BACKFILL	CU YD	15
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	5,602
	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	9,396
*	25000115	SEEDING, CLASS 1B	ACRE	0.50
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45
*	25100115	MULCH, METHOD 2	ACRE	2
*	25100630	EROSION CONTROL BLANKET	SO YD	9,396
*	25200110	SODDING, SALT TOLERANT	SO YD	33
*	25200200	SUPPLEMENTAL WATERING	UNIT	94
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	195
	28000305	TEMPORARY DITCH CHECKS	FOOT	45
	28000315	AGGREGATE DITCH CHECKS	TON	9
	28000400	PERIMETER EROSION BARRIER	FOOT	4,300
	28100103	STONE RIPRAP, CLASS A2	SQ YD	150
	28200200	FILTER FABRIC	SO YD	150
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	500
	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	190
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	29
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	150
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	4,570
	40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	4
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9605

SPECIALTY ITEMS	CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0028
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	480
	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	19
	40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	117
	42001300	PROTECTIVE COAT	SQ YD	243
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	134
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	3,250
	42400800	DETECTABLE WARNINGS	SQ FT	40
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	170
	44000600	SIDEWALK REMOVAL	SQ FT	577
	48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	2
	48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	190
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	6
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
	542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	27
	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	52
	542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	16
	60255500	MANHOLES TO BE ADJUSTED	EACH	4
*	66400305	CHAIN LINK FENCE, 6'	FOOT	100
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	160
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	2
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
*	66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	5
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	8
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
*	72000100	SIGN PANEL - TYPE 1	SQ FT	696
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2

FILE NAME = P:\Blue Island\_25367145\_Cal-SagTrail\Phase 2\Roadway\Blue Island West\General\500\_Cal-Sag-BIWest.dgn



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - KLM	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - BMC	REVISED -
PLOT DATE = 10/7/2019 1:34:40 PM	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
SUMMARY OF QUANTITIES**

SHEET NO. 1 OF 2 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	3
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	
		CONTRACT NO. 61F17	

SPECIALTY ITEMS	CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0028
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	94
*	72900100	METAL POST - TYPE A	FOOT	548
*	72900200	METAL POST - TYPE B	FOOT	1,057
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	8
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	870
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,093
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	96
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	486
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	28
*	78001100	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3,992
*	78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	25
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	450
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	169
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	288
*	A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	2
*	A2002816	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2" CALIPER, BALLED AND BURLAPPED	EACH	4
*	A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	4
*	A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2
*	A2005416	TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	7
*	A2006313	TREE, PRUNUS SEROTINA (BLACK CHERRY), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4
*	A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	6
*	A2006614	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	4
*	A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	4
*	A2006814	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	8
*	A2007848	TREE, TILIA AMERICANA LEGEND (LEGEND AMERICAN LINDEN/ BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	4
*	A2008468	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	5
*	B2000664	TREE, AMELANCHIER X GRANDIFLORA (APPLE SERVICEBERRY), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	6
*	B2001164	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	4
*	B2006316	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	7

SPECIALTY ITEMS	CODE NO.	ITEM	UNIT	TOTAL QUANTITY 0028
*	B2010070	TREE, CLADRASTIS KENTUCKEA (AMERICAN YELLOWWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	3
*	C2001136	SHRUB, CEPHALANTHUS OCCIDENTALIS (BUTTON BUSH), 3' HEIGHT, BALLED AND BURLAPPED	EACH	11
*	C2C043G5	SHRUB, LINDERA BENZOIN (SPICEBUSH), CONTAINER GROWN, 5-GALLON	EACH	5
*	C2C100G5	SHRUB, VIBURNUM LENTAGO (NANNYBERRY), CONTAINER GROWN, 5-GALLON	EACH	6
*	K1005863	TREE ROOT PRUNING	EACH	21
	X0321322	DROP GATE	EACH	1
*	X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	1
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	624
*	X2500322	SEEDING, CLASS 5A, (MODIFIED)	ACRE	1.75
*	X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	1.75
*	XX007399	MONUMENT TYPE A FOUNDATION	EACH	12
*	XX008268	DECORATIVE GATEWAY ELEMENT	EACH	1
*	XX008600	DECORATIVE SIGN AND POST (DIRECT POST)	EACH	12
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
	Z0022800	FENCE REMOVAL	FOOT	137
	Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	52
	Z0042300	PORTLAND CEMENT CONCRETE SIDEWALK CURB	FOOT	168
	Z0004562	COMBINATION CONCRETE CURB AND CUTTER REMOVAL AND REPLACEMENT	FOOT	95
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
*	<del>XX009338</del>	TREE, NYSSA SYLVATICA 'DAVID ODUM' (AFTERBURNER SOUR GUM), 2" CALIPER, BALLED AND BURLAPPED	EACH	4
*	<del>XX009339</del>	TREE, QUERCUS MACROCARPA 'JFS-KW3' (URBAN PINNACLE BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3
*	<del>XX009340</del>	TREE, SASSAFRAS ALBIDUM (SASSAFRAS), 2" CALIPER, BALLED AND BURLAPPED	EACH	3

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 DATE - JULY 29, 2019

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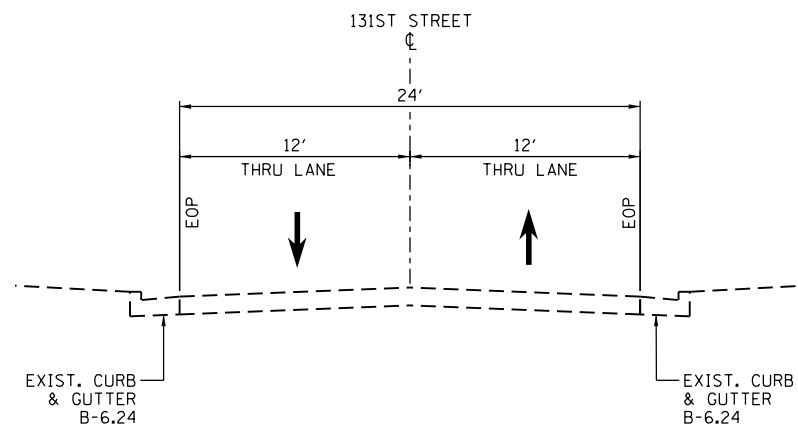
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 SUMMARY OF QUANTITIES

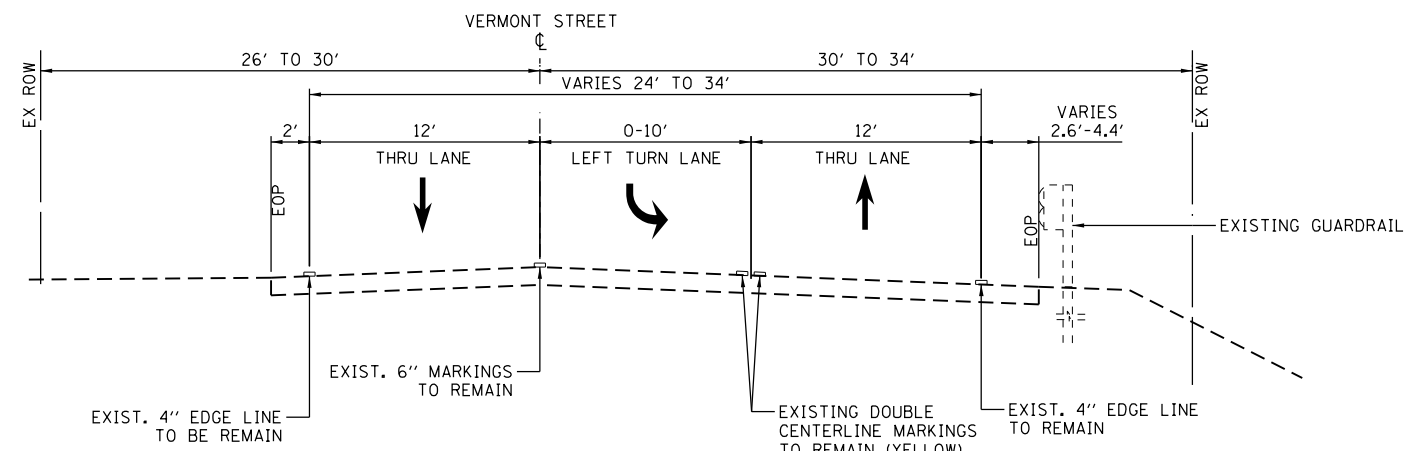
SHEET NO. 2 OF 2 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 61F17	

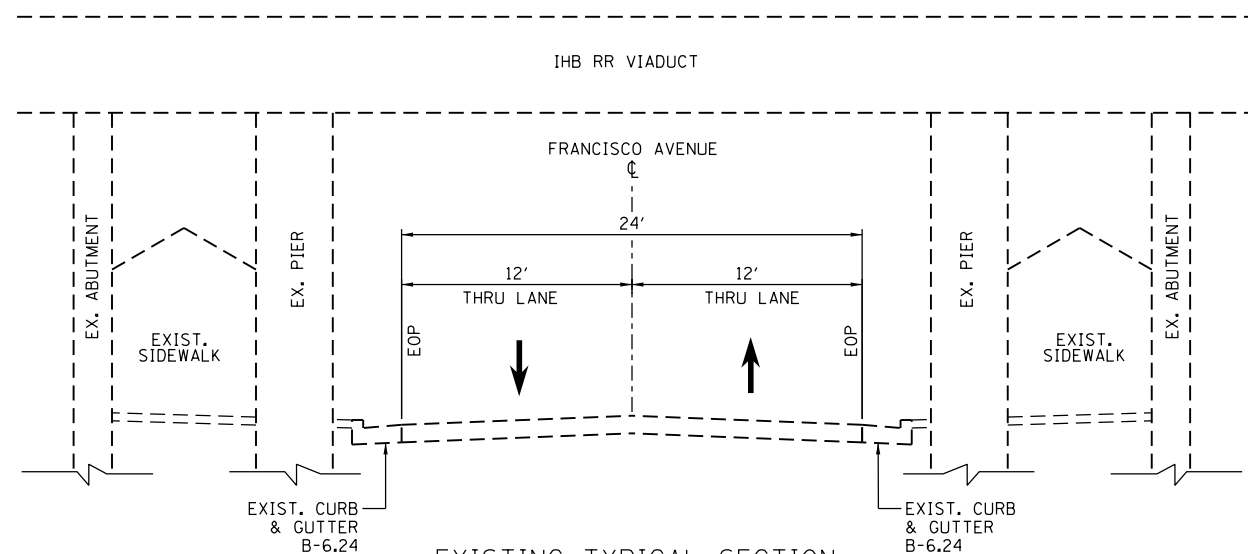




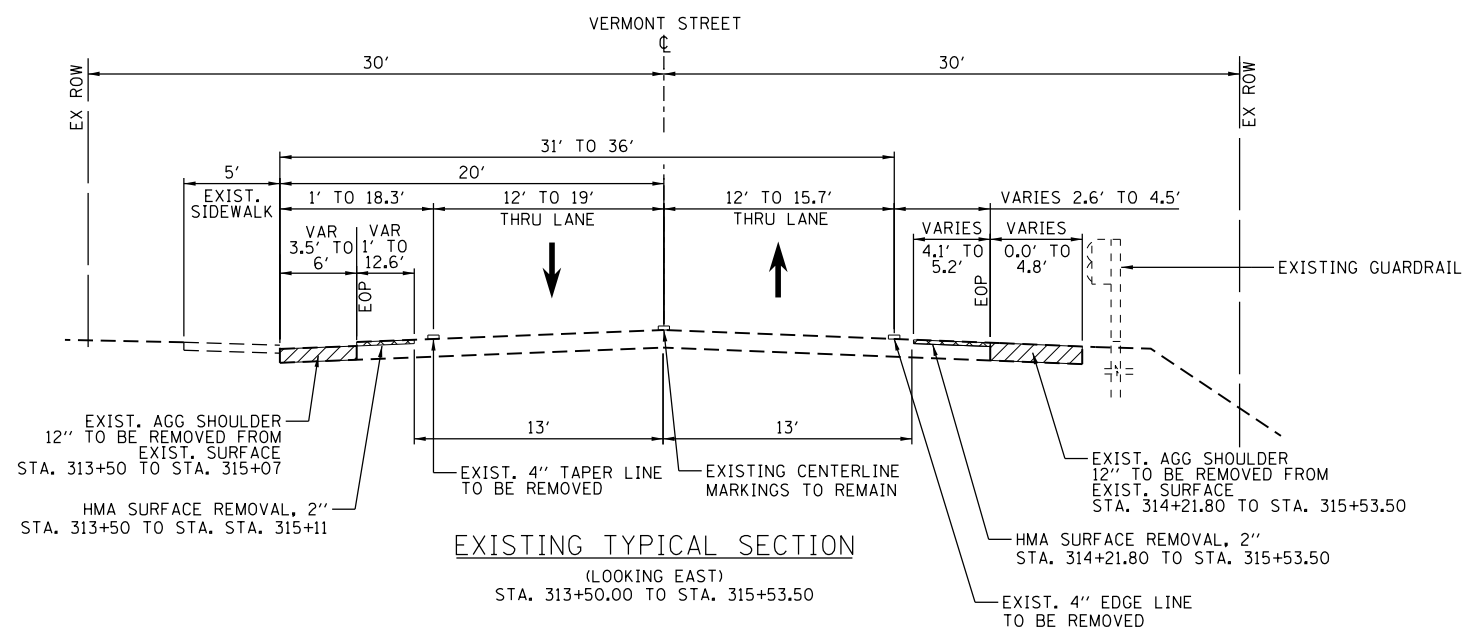
EXISTING TYPICAL SECTION  
(LOOKING EAST)  
STA. 303+00.00 TO STA. 306+97.74



EXISTING TYPICAL SECTION  
(LOOKING EAST)  
STA. 309+67.28 TO STA. 313+50.00



EXISTING TYPICAL SECTION  
(LOOKING NORTHEAST)  
STA. 306+97.74 TO STA. 309+67.28



EXISTING TYPICAL SECTION  
(LOOKING EAST)  
STA. 313+50.00 TO STA. 315+53.50

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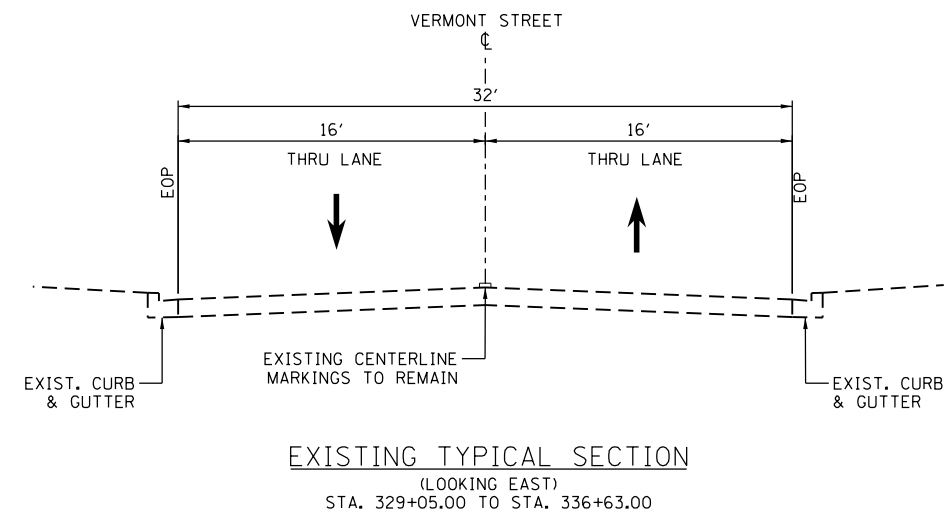
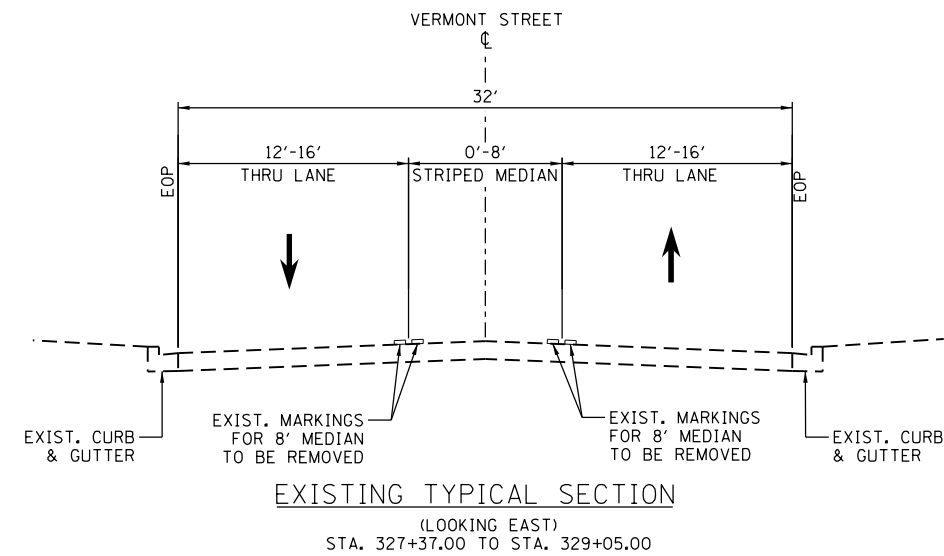
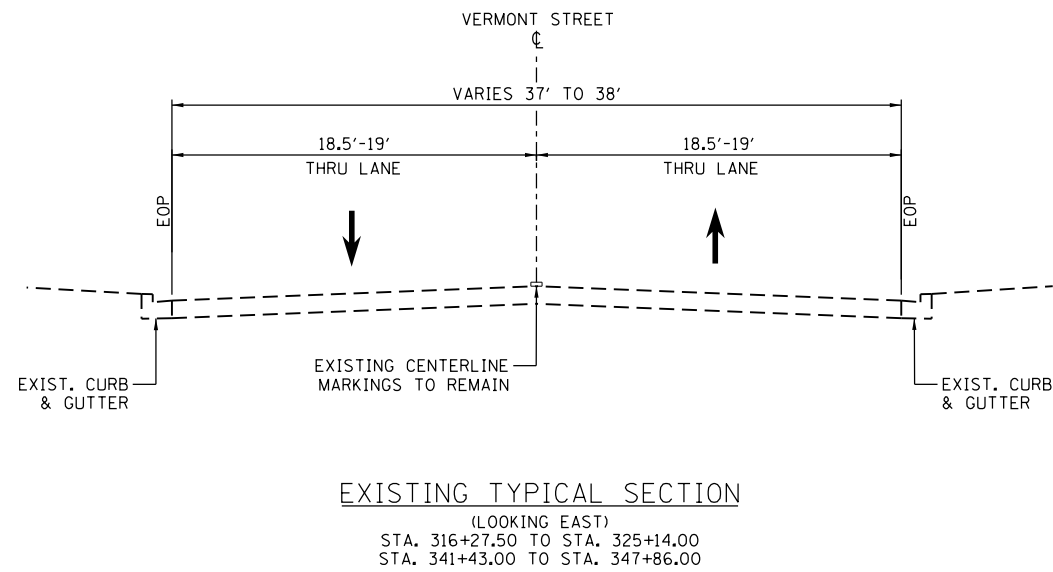
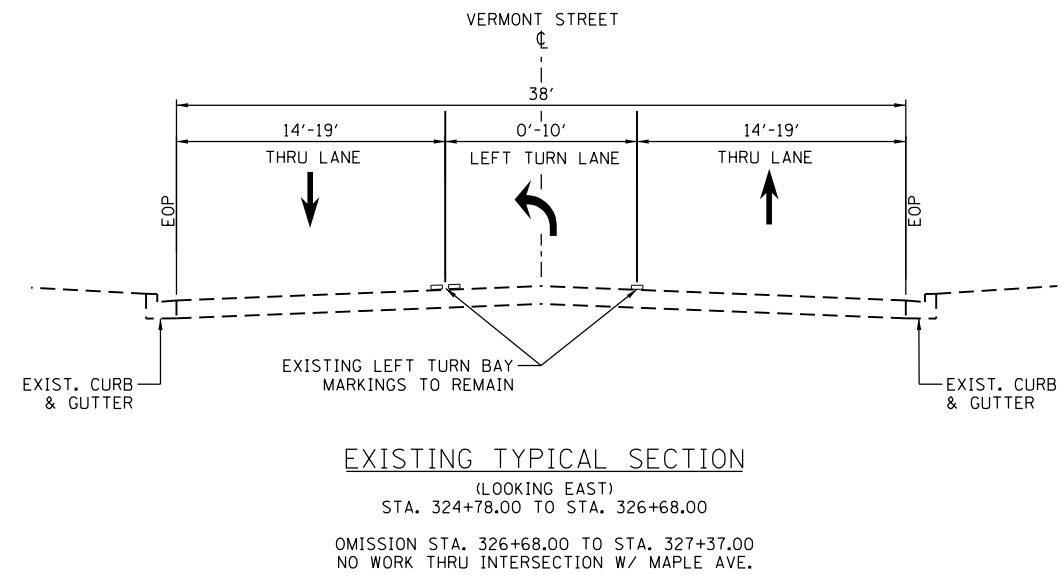
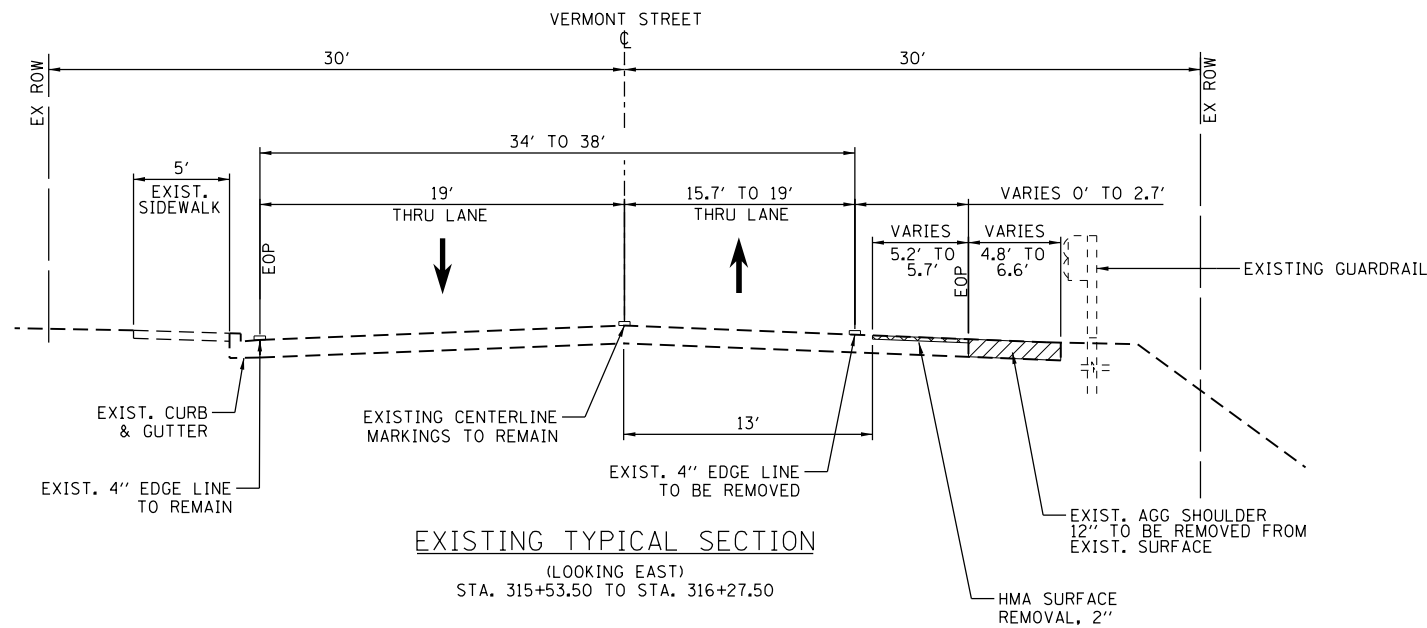
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
EXISTING TYPICAL SECTIONS

SHEET NO. 1 OF 3 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	5
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



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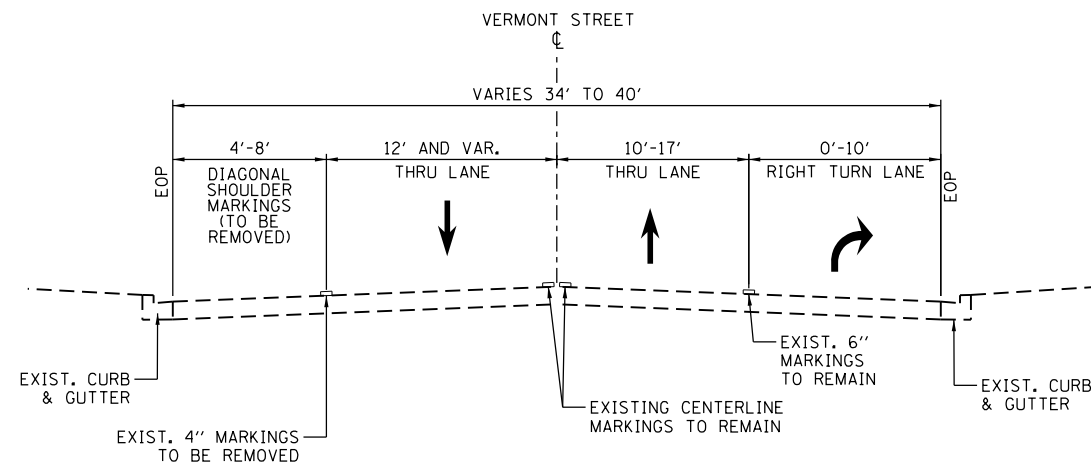
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
EXISTING TYPICAL SECTIONS

SHEET NO. 2 OF 3 SHEETS STA. TO STA.

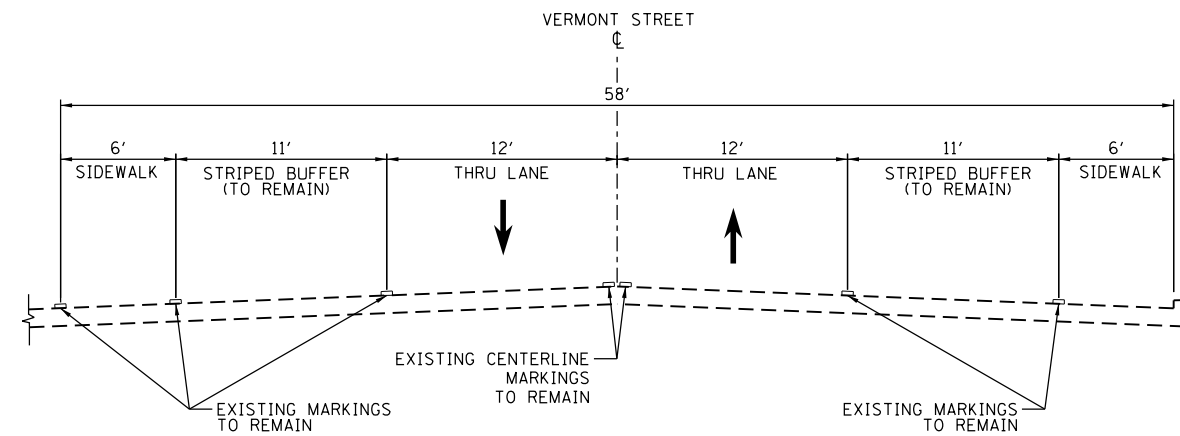
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08-00178-03-BT	COOK	61	6
CONTRACT NO. 61F17			

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



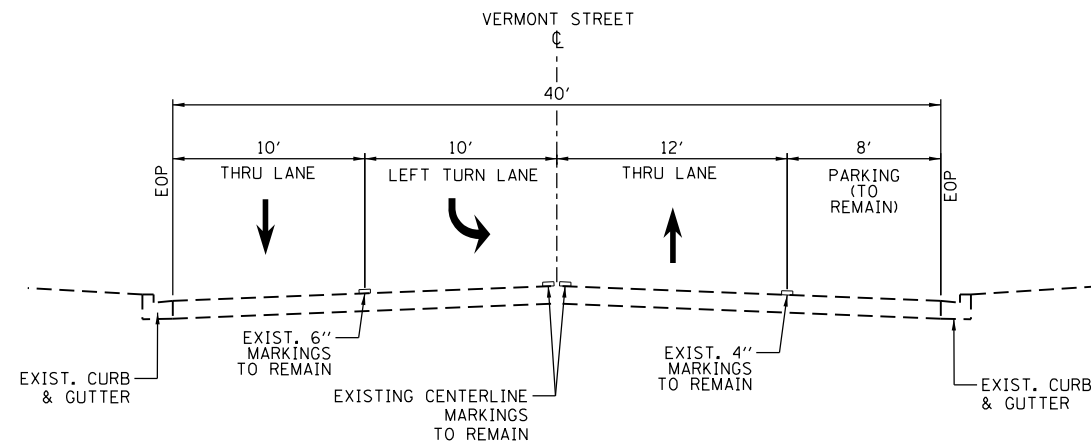
EXISTING TYPICAL SECTION

(LOOKING EAST)  
 STA. 336+63.00 TO STA. 339+58.50  
 OMISSION STA. 339+58.50 TO STA. 340+30.00  
 NO WORK THRU INTERSECTION W/ WESTERN AVE.



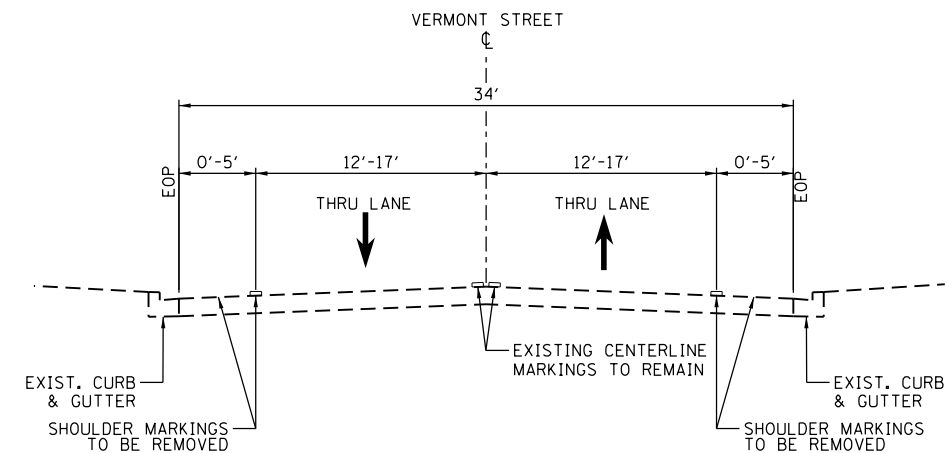
EXISTING TYPICAL SECTION

(LOOKING EAST)  
 STA. 347+86.00 TO STA. 349+70.00  
 THRU METRA (ROCK ISLAND DISTRICT) CROSSING AND PROPERTY



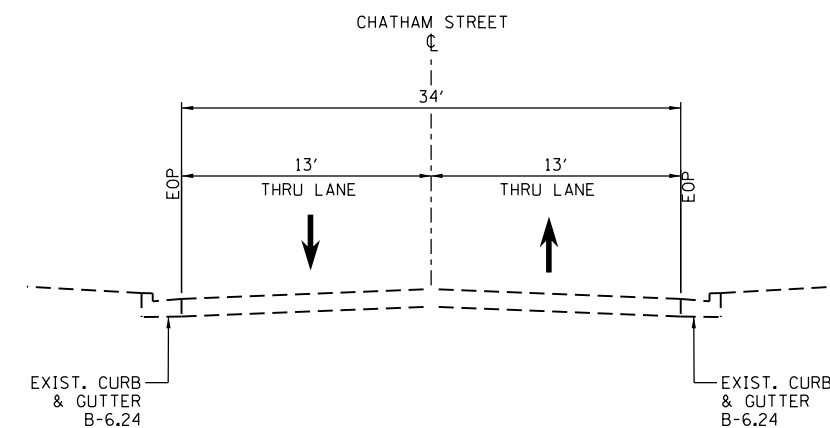
EXISTING TYPICAL SECTION

(LOOKING EAST)  
 STA. 340+30.00 TO STA. 341+43.00



EXISTING TYPICAL SECTION

(LOOKING EAST)  
 STA. 349+70.00 TO STA. 352+34.50



EXISTING TYPICAL SECTION

(LOOKING EAST)  
 STA. 352+34.50 TO STA. 361+61.00  
 OMISSION STA. 361+61.00 TO STA. 366+00.00  
 NO WORK ALONG CHATHAM STREET PEDESTRIAN BRIDGE

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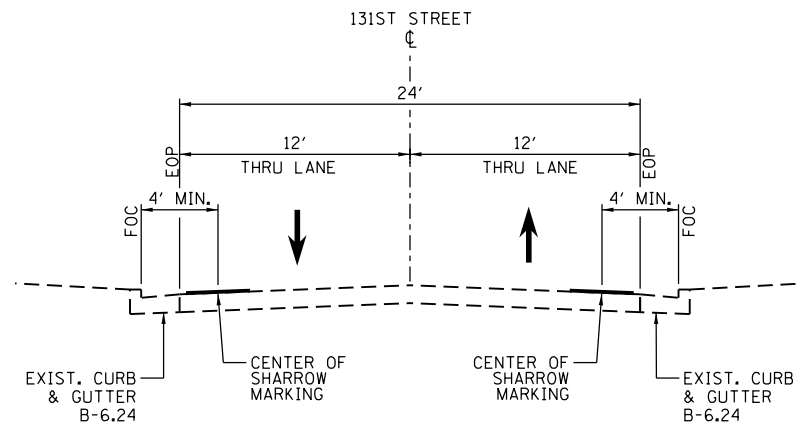
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

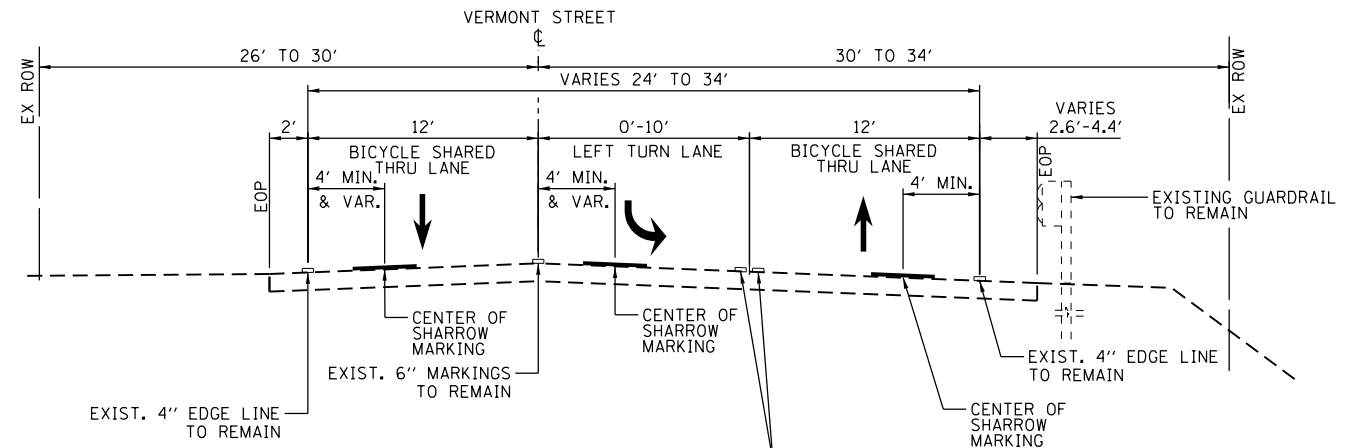
CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 EXISTING TYPICAL SECTIONS

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

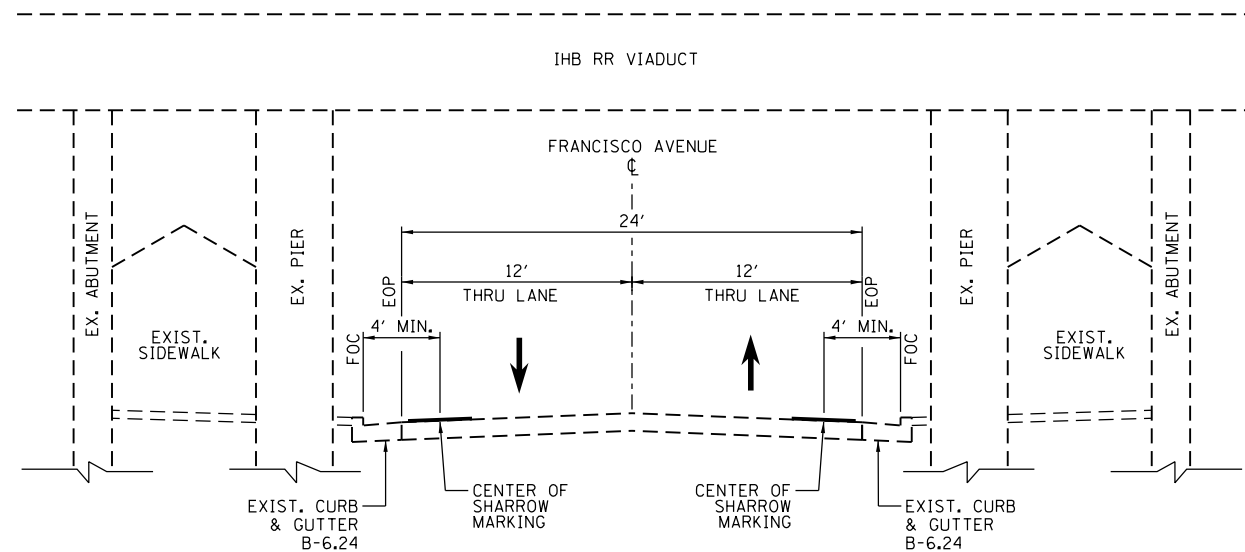
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	7
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



**PROPOSED TYPICAL SECTION**  
(LOOKING EAST)  
STA. 303+00.00 TO STA. 306+97.74



**PROPOSED TYPICAL SECTION**  
(LOOKING EAST)  
STA. 309+67.28 TO STA. 313+50.00



**PROPOSED TYPICAL SECTION**  
(LOOKING NORTHEAST)  
STA. 306+97.74 TO STA. 309+67.28

**LEGEND:**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) AT TAPERS, CROSSINGS, & TURN LANES
- ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 8"  
-HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"  
-HMA BINDER COURSE, IL-19.0, N70, 6"
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ⑦ AGGREGATE SHOULDERS, TYPE B

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

ITEM	VOIDS	USAGE
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2 INCH	4% @ 70 GYR	ROADWAY RESURFACING HMA SHOULDERS, 8"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6 INCH	4% @ 70 GYR	HMA SHOULDERS, 8"
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2 INCH	4% @ 50 GYR	BIKE PATH SURFACE

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQYD/IN.

THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

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DESIGNED - KLM  
DRAWN - KLM  
CHECKED - BMC  
DATE - JULY 29, 2019

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

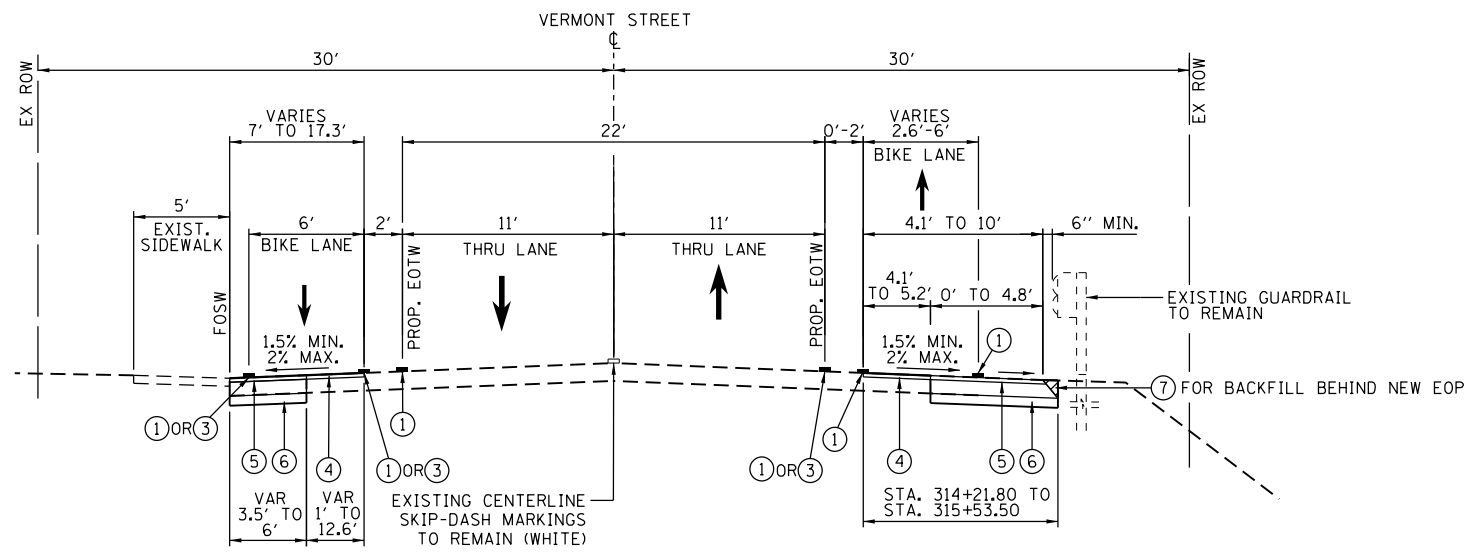
**CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
PROPOSED TYPICAL SECTIONS**

SHEET NO. 1 OF 3 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	8
CONTRACT NO. 61F17			

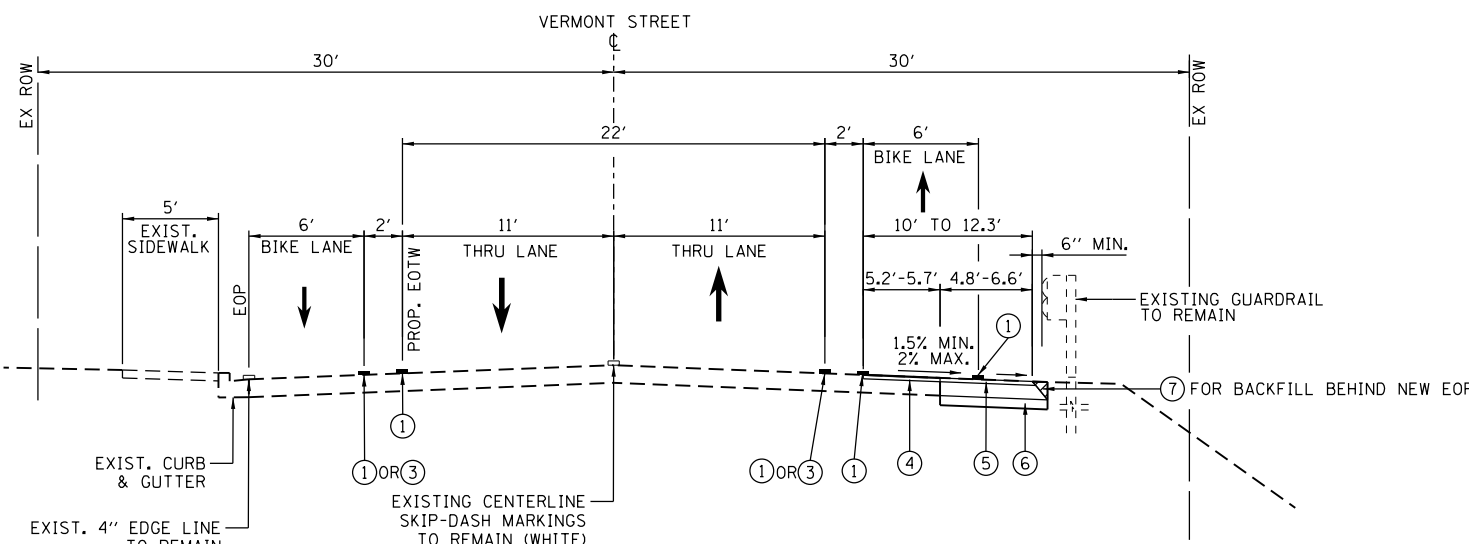
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT





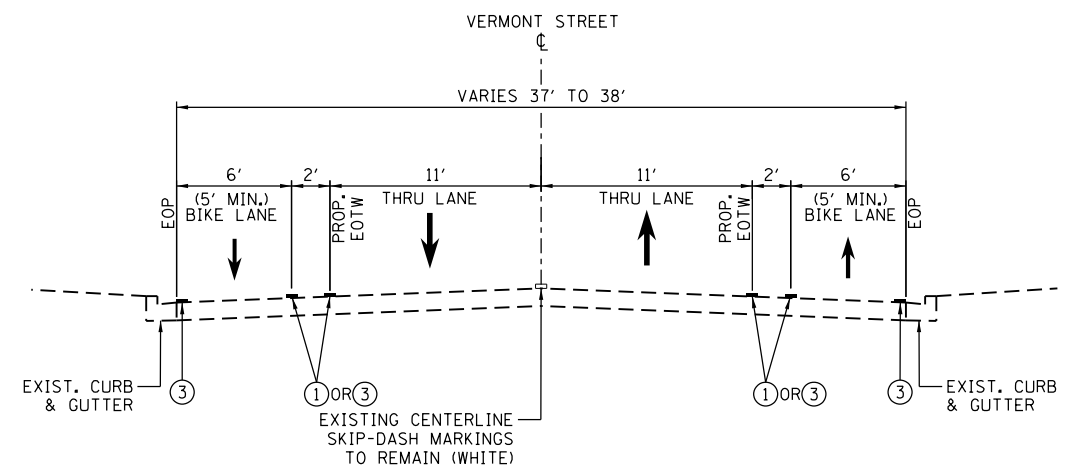
PROPOSED TYPICAL SECTION

(LOOKING EAST)  
STA. 313+50.00 TO STA. 315+53.50



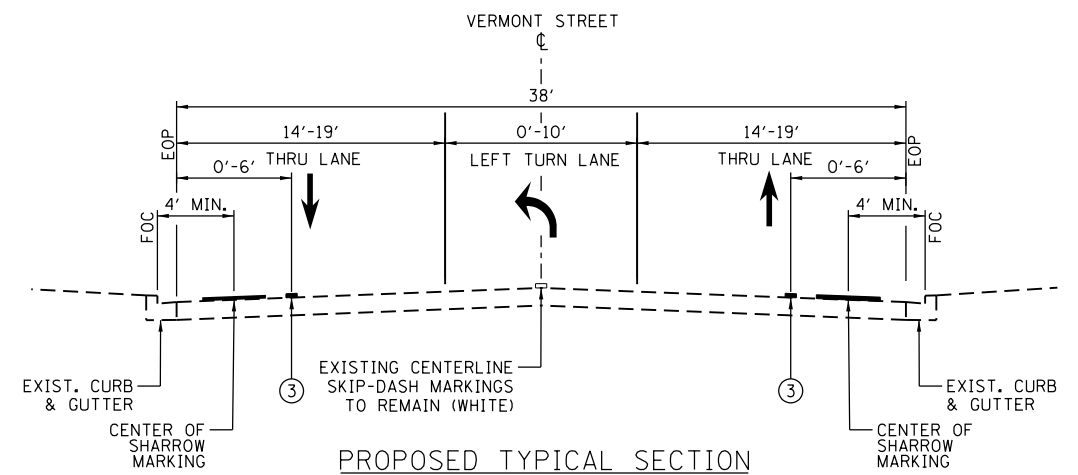
PROPOSED TYPICAL SECTION

(LOOKING EAST)  
STA. 315+53.50 TO STA. 316+27.50



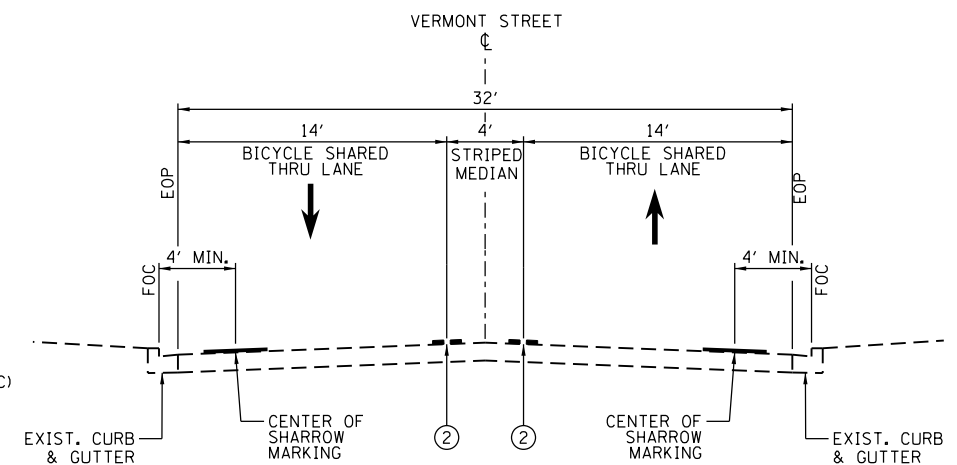
PROPOSED TYPICAL SECTION

(LOOKING EAST)  
STA. 316+27.50 TO STA. 324+78.00  
STA. 341+43.00 TO STA. 347+86.00



PROPOSED TYPICAL SECTION

(LOOKING EAST)  
STA. 324+78.00 TO STA. 326+68.00  
OMISSION STA. 326+68.00 TO STA. 327+37.00  
NO WORK THRU INTERSECTION W/ MAPLE AVE.



PROPOSED TYPICAL SECTION

(LOOKING EAST)  
STA. 327+37.00 TO STA. 329+05.00

**LEGEND:**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2 YELLOW LINES AT 11" C-C)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) AT TAPERS, CROSSINGS, & TURN LANES
- ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 8"  
-HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"  
-HMA BINDER COURSE, IL-19.0, N70, 6"
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ⑦ AGGREGATE SHOULDERS, TYPE B

**NOTE:**

WHERE UNSUITABLE MATERIAL UNDERLIES THE PAVEMENT WIDENING AND/OR SHOULDERS, AS DETERMINED BY THE ENGINEER, THE SUBGRADE TREATMENT WILL CONSIST OF EXCAVATION OF SUCH UNSUITABLE MATERIAL TO A DEPTH 12" BELOW SUBBASE GRANULAR MATERIAL AND PLACEMENT OF 12" OF AGGREGATE SUBGRADE IMPROVEMENT. AGGREGATE SUBGRADE IMPROVEMENT SHALL BE INSTALLED 12" BEYOND THE NEW EDGE OF PAVEMENT/SHOULDER.



303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
T 1-312-373-7700 F 1-312-373-8800

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - KLM	REVISED -
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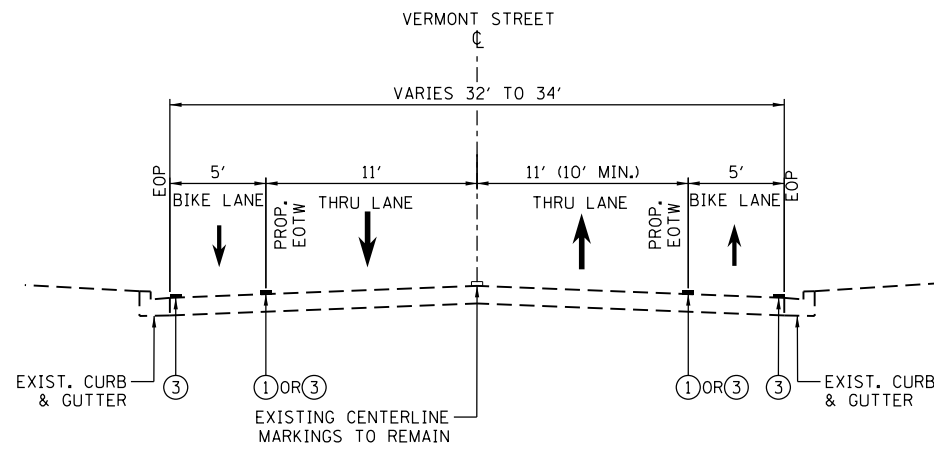
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
PROPOSED TYPICAL SECTIONS

SHEET NO. 2 OF 3 SHEETS STA. TO STA.

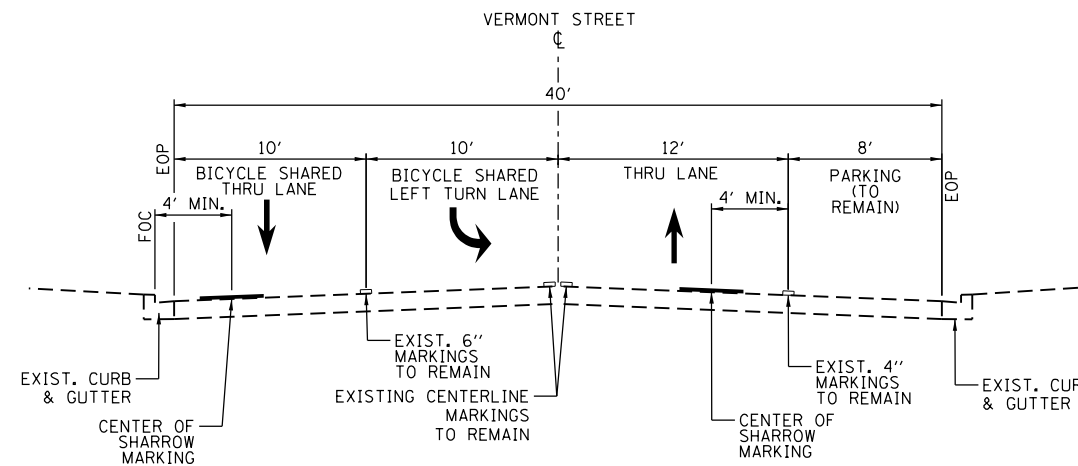
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	9
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

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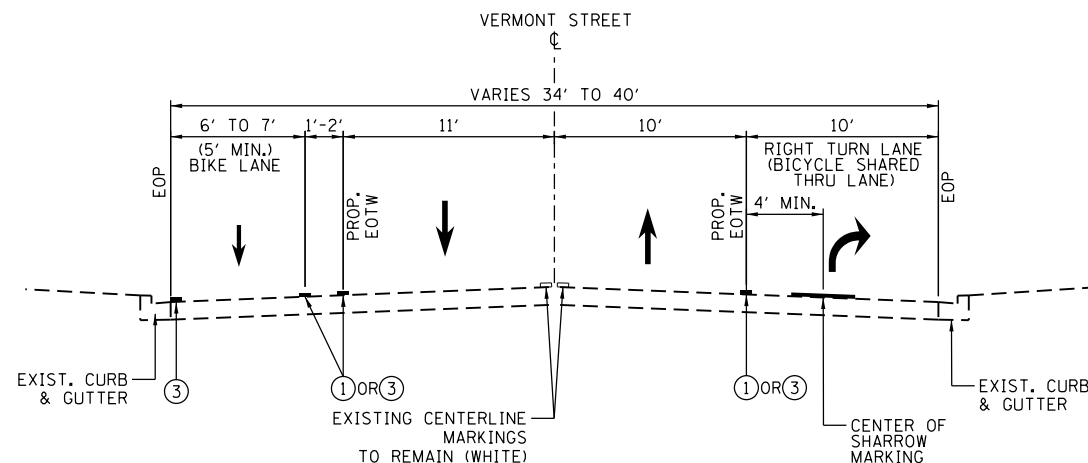
PROPOSED TYPICAL SECTION

(LOOKING EAST)  
 STA. 329+05.00 TO STA. 336+63.00  
 STA. 349+70.00 TO STA. 352+34.50



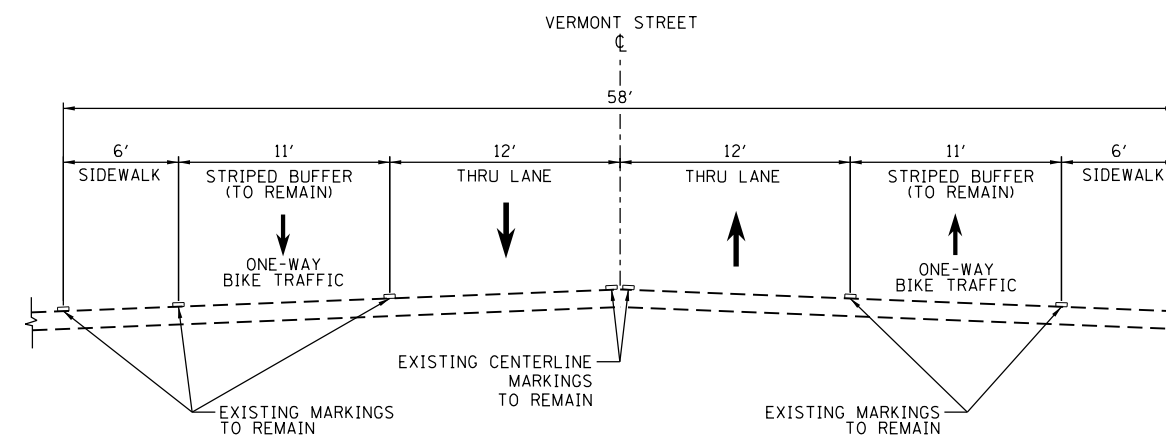
PROPOSED TYPICAL SECTION

(LOOKING EAST)  
 STA. 340+30.00 TO STA. 341+43.00



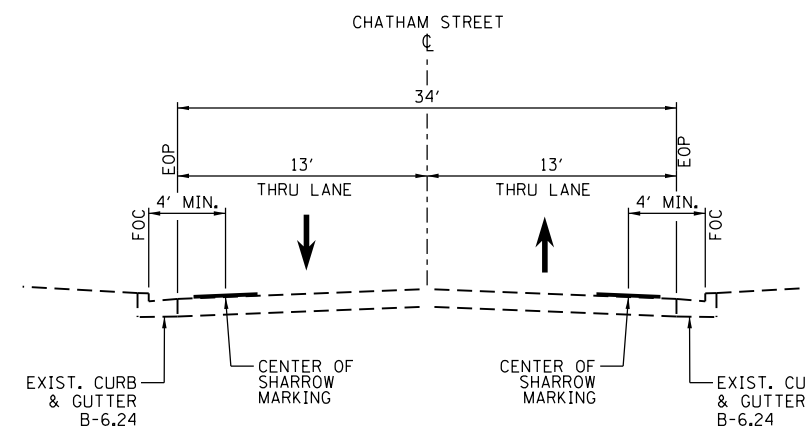
PROPOSED TYPICAL SECTION

(LOOKING EAST)  
 STA. 336+63.00 TO STA. 339+58.50  
 OMISSION STA. 339+58.50 TO STA. 340+30.00  
 NO WORK THRU INTERSECTION W/ WESTERN AVE.



PROPOSED TYPICAL SECTION

(LOOKING EAST)  
 STA. 347+86.00 TO STA. 349+70.00  
 THRU CSX RAILROAD CROSSING AND PROPERTY



PROPOSED TYPICAL SECTION

(LOOKING EAST)  
 STA. 352+34.50 TO STA. 361+61.00  
 OMISSION STA. 361+61.00 TO STA. 366+00.00  
 NO WORK ALONG CHATHAM STREET PEDESTRIAN BRIDGE

LEGEND :

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2 YELLOW LINES AT 11" C-C)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) AT TAPERS, CROSSINGS, & TURN LANES
- ④ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 8"  
 -HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 2"  
 -HMA BINDER COURSE, IL-19.0, N70, 6"
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ⑦ AGGREGATE SHOULDERS, TYPE B

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 DATE - JULY 29, 2019

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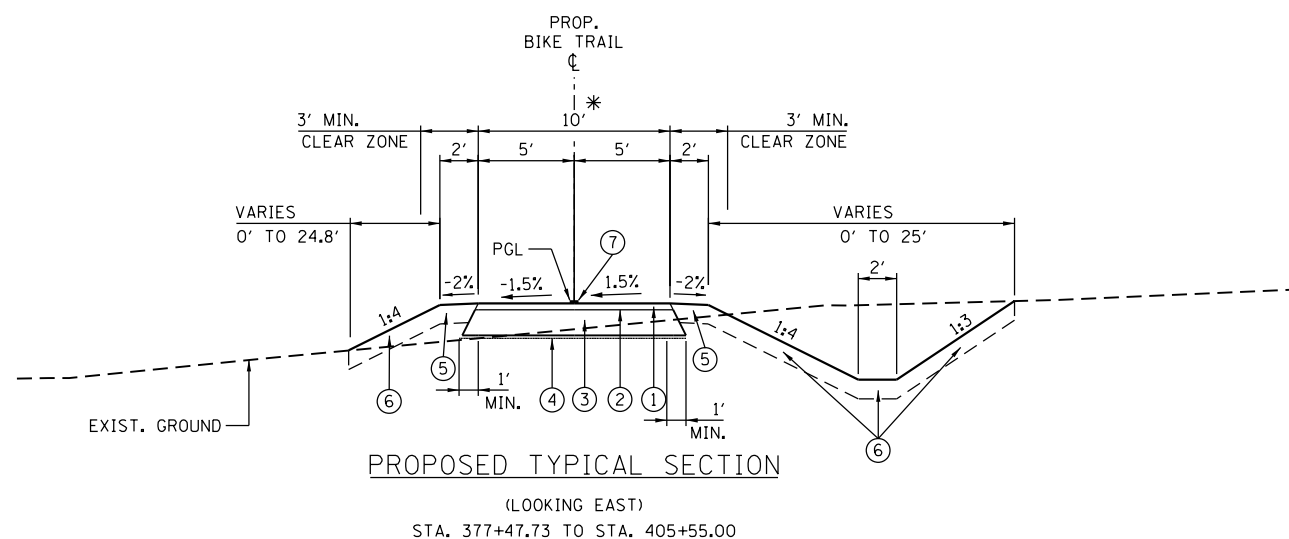
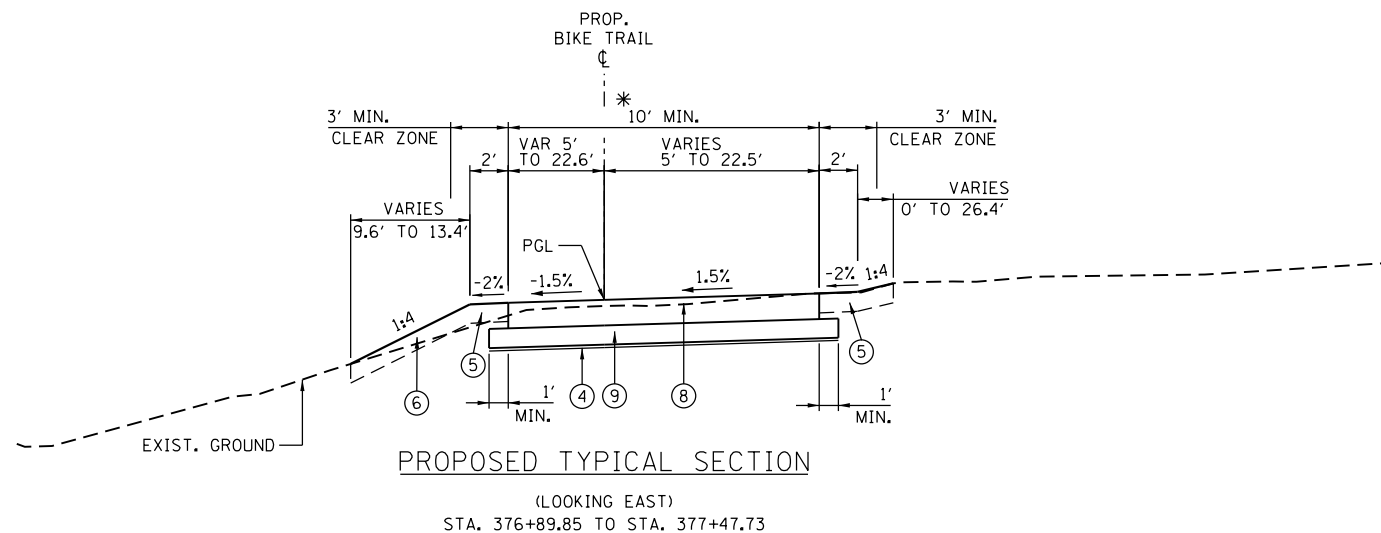
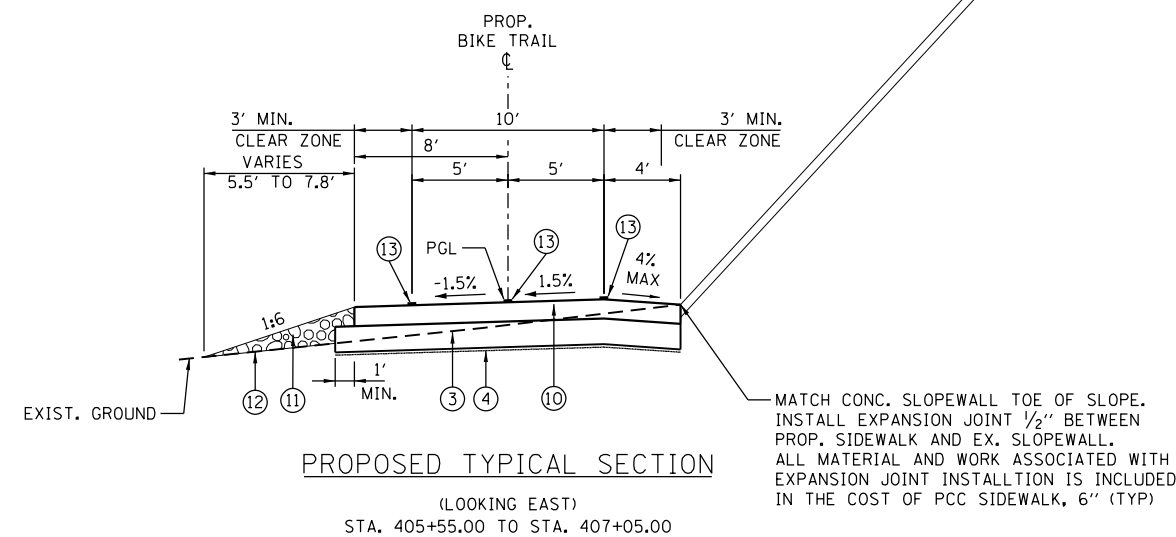
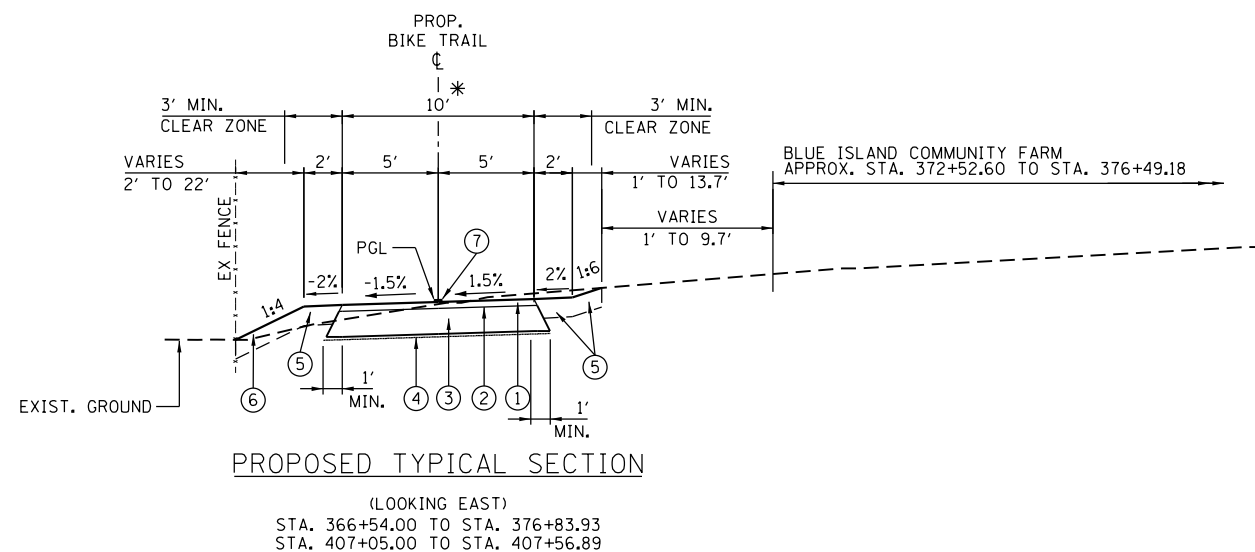
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 PROPOSED TYPICAL SECTIONS

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

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	10
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

\* LIMIT OF PAYMENT FOR ASPHALT, BITUMINOUS MATERIAL, AND AGGREGATE BASES



**LEGEND :**

- ① HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- ② BITUMINOUS MATERIALS (PRIME COAT)
- ③ AGGREGATE BASE COURSE, TYPE B, 8"
- ④ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑤ TOPSOIL FURNISH AND PLACE, 6", AND SEEDING, CLASS 1B APPLIED TO 2' SHOULDERS AND PARKWAYS
- ⑥ TOPSOIL FURNISH AND PLACE, 6", SEEDING, CLASS 4A (MODIFIED), AND SEEDING, CLASS 5A (MODIFIED) APPLIED TO FORESLOPES, DITCH BOTTOMS AND BACKSLOPES
- ⑦ PAINT PAVEMENT MARKING, 4" YELLOW (SOLID YELLOW)
- ⑧ PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
- ⑨ AGGREGATE BASE COURSE, TYPE B, 6"
- ⑩ PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH
- ⑪ STONE RIPRAP, CLASS A2
- ⑫ FILTER FABRIC FOR RIPRAP
- ⑬ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" CENTERLINE (SOLID YELLOW) EDGE LINES (SOLID WHITE)

**NOTE 1:**

WHERE UNSUITABLE MATERIAL UNDERLIES THE BIKE TRAIL, SHOULDERS AND/OR EMBANKMENT, AS DETERMINED BY THE ENGINEER, THE SUBGRADE TREATMENT WILL CONSIST OF EXCAVATION OF SUCH UNSUITABLE MATERIAL TO A DEPTH 12" BELOW AGGREGATE BASE COURSE AND PLACEMENT OF 12" OF AGGREGATE SUBGRADE IMPROVEMENT AND A GEOTECHNICAL FABRIC FOR GROUND STABILIZATION.

**NOTE 2:**

ADDITIONAL FILL MATERIAL TO BE PLACED ABOVE FABRIC IN CUT SECTIONS SHALL NOT BE MEASURED FOR PAYMENT. MATERIAL SHALL BE SUITABLE EMBANKMENT MATERIAL.

**NOTE 3:**

AT ALL INTERSECTIONS OF BIKE PATH AND ROADWAYS, DEPRESS THE CURB (IF APPLICABLE) AND MAINTAIN EXISTING PAVEMENT ELEVATIONS.

**NOTE 4:**

SEE SHEET 8 FOR HMA MIXTURE REQUIREMENTS.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
PROPOSED TYPICAL SECTIONS**

SHEET NO. 5 OF 5 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	11
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

EARTHWORK SCHEDULE											
	STATION	TO	STATION	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) FURNISHED CU YD	UNSUITABLE EXCAVATION (REMOVAL & DISPOSAL OF UNSUITABLE) CU YD	UNSUITABLE MATERIAL ADJUSTED FOR SHRINKAGE (15%) CU YD	TOPSOIL FURNISH AND PLACE, 6" CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (UNSUITABLE) CU YD
VERMONT STREET	313+50 (LT)		315+07 (LT)	38	32	-	-	-	-	-	-
VERMONT STREET	314+21.80 (RT)		316+27.20 (RT)	35	30	-	-	-	-	-	-
WEST OF DIVISON STREET	366+54.88		381+05.06	264	225	1,197	-972	768	653	445	208
EAST OF DIVISION STREET	381+36.52		407+56.89	1,552	1,319	1,321	-2	2,558	2,174	1,121	1,053
TOTAL:				1,889	1,605	2,517	-974	3,326	2,827	1,566	1,261

TREE ROOT PRUNING SCHEDULE			
STATION	OFFSET (FT)		EACH
	LT	RT	
367+90		12	1
376+55		13	1
380+00		32	1
380+80		25	1
380+85	30		1
387+78	20		1
388+00	11.5		1
388+36	17		1
388+89		21	1
388+99		17	1
389+12		18	1
390+07	12		1
404+50	26		1
404+85	20		1
SUBTOTAL:			14
50% CONTIGENCY:			7
TOTAL:			21

TREE PRUNING SCHEDULE			
STATION	OFFSET (FT)		EACH
	LT	RT	
367+90	12		1
376+55	13		1
380+00	32		1
380+80	25		1
380+85	30		1
387+78	20		1
388+00	12		1
388+36	17		1
388+89		21	1
388+99		17	1
389+12		18	1
390+07	12		1
404+50	26		1
404+85	20		1
SUBTOTAL:			5
50% CONTIGENCY:			3
TOTAL:			8

TEMPORARY FENCE SCHEDULE FOR TREE TRUNK PROTECTION			
STATION	OFFSET (FT)		FENCE (FT)
	LT	RT	
367+90		12	60
376+55		13	60
380+00		32	60
380+80		25	60
380+85	30		60
387+78	20		60
388+00	11.5		60
388+36	17		60
388+89		21	60
388+99		17	60
389+12		18	60
389+12		18	60
390+07	12		60
404+50	26		60
404+85	20		60
SUBTOTAL:			840
50% CONTIGENCY:			420
TOTAL:			1260

SCHEDULE FOR TREE REMOVAL				
STATION	OFFSET (FT)		6-15 UNITS	> 15 UNITS
	LT	RT		
376+69	3		14	
379+54	2		15	
379+92		10	15	
380+02		2		18
380+22	7			18
380+41		15		18
380+43		11	15	
380+48		2		24
380+87	14		15	
383+09		19		30
383+09		19		30
383+09		19		30
386+00		20		16
386+17		16	12	
386+42		7	10	
386+81		2	14	
387+05	4		10	
387+52	8		7	
388+25	8		9	
388+55		6	14	
388+55	3			18
388+61	2		15	
388+77		13	10	
389+24		16	12	
389+35		16	14	
389+53		9	15	
390+07	9		14	
390+15	5		15	
390+17		11		16
390+28		10		27
390+38		6		24
400+81		19	15	
404+70	16		10	
405+28	10		12	
405+31	9		13	
406+93	10		15	
407+37	11			21
TOTAL:			310	290

SCHEDULE FOR GATEWAY MONUMENT SIGN COMPLETE, DECORATIVE GATEWAY ELEMENT, DECORATIVE SIGN AND POST (DIRECT POST)																	
Blue Island Location	Offset (Feet)	Round directional signs	Round Logo Signs	Rect. Trail Signs	Rect Info Signs	Decorative Sign & Post	Decorative Gateway Element	Gateway Monument Sign Complete	Logo 2 sided	Restroom Sign (arrow)	Bus sign (arrow)	Train Sign (arrow)	Restaurant Sign (arrow)	Bike Shop (arrow)	Mile Marker	Sign Sup Brack	Directional Sign Callout with single arrows
290+95	33' RT		2			1									2		MM=16
306+40	25' RT	3	1			1											(2) Alsip (1 lt & 1 rt), (1) Blue Island (up)
307+00	18' RT	1	1			1											(1) Blue Island (lt)
308+73	19.5' RT	1	1	2		1										2	(1) Blue Island (rt)
309+10	35' LT	2	2			1											(2) Alsip (1 lt & 1 rt)
338+60	23' RT	1	1		2	1							1 (lt)			2	(1) Riverdale (up)
341+30	23' LT	1	1		2	1							1 (rt)			2	(1) Alsip (up)
343+20	24' RT		2			1									2		MM=17
351+90	22.5' RT	1	1			1										2	(1) Riverdale (rt)
352+34	22' LT	1	1			1											(1) Alsip (lt)
366+10	15' RT	4			2	1							1 lt, 1 rt			2	(1) Riverdale (lt), (1) Alsip (up), (2) Old Western Ave (1 lt & 1 rt)
369+00							1										
396+55	5' LT		2			1									2		MM=18
TOTAL:		15	15	8	0	12	1	0	0	0	0	0	4	0	6	10	



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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 SCHEDULES

SHEET NO. OF SHEETS STA. TO STA.

SECTION 08-00178-03-BT COUNTY COOK TOTAL SHEETS 61 SHEET NO. 12 CONTRACT NO. 61F17  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

FILE NAME = P:\Blue Island\_26367145\_Cal-SagTrail\Phase 2\Roadway\BlueIslandWest\General\Schedules\_Cal-Sag-BIWest.dgn



SIGN INSTALLATION SCHEDULE													
STATION	RT / LT	SIGN	DESIGNATION	SIGN PANEL DIMENSIONS (IN)		AREA (SQ IN)	AREA (SQ FT)	TYPE A POST (EACH)	TYPE B POST (EACH)	POST LENGTH (FT)	TOTAL LENGTH (FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)
305+00.	RT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4
		SHARE THE ROAD	W16-1P	18	24	432	3						
305+00.	LT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4
		SHARE THE ROAD	W16-1P	18	24	432	3						
NB SIDE OF FRANCISCO AVE SOUTH OF 131ST ST	RT	BICYCLE	W11-1	36	36	1296	9	0	2	16.2	32.4	-	32.4
		AHEAD	W16-9P	24	12	288	2						
NB SIDE OF FRANCISCO AVE SOUTH OF 131ST ST	RT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4
		SHARE THE ROAD	W16-1P	18	24	432	3						
NB SIDE OF FRANCISCO AVE FACING 131ST ST	RT	BICYCLE ROUTE	D11-1	24	18	432	3	0	1	13.25	13.25	-	13.25
		DIRECTIONAL ARROW AUXILIARY	M6-1L	21	15	315	2.1875						
307+45.	LT	BICYCLE ROUTE	D11-1	24	18	432	3	0	1	13.25	13.25	-	13.25
		DIRECTIONAL ARROW AUXILIARY	M6-1R	21	15	315	2.1875						
309+00.	LT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4
		SHARE THE ROAD	W16-1P	18	24	432	3						
309+10.	RT	BICYCLE ROUTE	D11-1	24	18	432	3	0	1	13.25	13.25	-	13.25
		DIRECTIONAL ARROW AUXILIARY	M6-1R	21	15	315	2.1875						
EB SIDE OF WIRETON RD WEST OF FRANCISCO AVE	LT	BICYCLE	W11-1	36	36	1296	9	0	2	16.2	32.4	-	32.4
		AHEAD	W16-9P	24	12	288	2						
309+95.	RT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4
		SHARE THE ROAD	W16-1P	18	24	432	3						
MOUNTED ON EAST SIDE OF EX. TRAFFIC SIGNAL POST 310+13	LT	BICYCLE ROUTE	D11-1	24	18	432	3	MOUNTED ON EAST SIDE OF EX. TRAFFIC SIGNAL POST FACING EAST					
		DIRECTIONAL ARROW AUXILIARY	M6-1L	21	15	315	2.1875						
312+25.	RT	BIKE LANE	R3-17	24	18	432	3	1	0	12.67	12.67	12.67	-
		AHEAD	R3-17aP	24	8	192	1.33						
312+85.	LT	BICYCLE ROUTE	D11-1	24	18	432	3	0	1	13.92	13.92	-	13.92
		ADVANCE TURN ARROW AUXILIARY	M5-1L	21	15	315	2.1875						
		FRANCISCO AVE	D3-1	24	8	192	1.33						

SIGN INSTALLATION SCHEDULE													
STATION	RT / LT	SIGN	DESIGNATION	SIGN PANEL DIMENSIONS (IN)		AREA (SQ IN)	AREA (SQ FT)	TYPE A POST (EACH)	TYPE B POST (EACH)	POST LENGTH (FT)	TOTAL LENGTH (FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)
SB SIDE OF CALIFORNIA AVE NORTH OF WIRETON RD	LT	COMBINATION BIKE AND PED	W11-15	36	36	1296	9	0	2	16.2	32.4	-	32.4
		ARROW	W16-7P	24	12	288	2						
SB SIDE OF CALIFORNIA AVE NORTH OF WIRETON RD	LT	BICYCLE	W11-1	36	36	1296	9	0	2	16.2	32.4	-	32.4
		AHEAD	W16-9P	24	12	288	2						
314+00.	RT	BIKE LANE	R3-17	24	18	432	3	0	1	14.5	14.5	-	14.5
		NO PARKING	R8-3	24	24	576	4						
314+50.	LT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4
		SHARE THE ROAD	W16-1P	18	24	432	3						
314+50.	RT	DO NOT PASS	R4-1	24	30	720	5	2	0	15.5	31	31	-
		STAY IN LANE	R4-9	24	30	720	5						
316+50.	RT	RIGHT LANE BICYCLE ONLY	R3-17B	24	30	720	5	0	1	13.5	13.5	-	13.5
316+50.	LT	DO NOT PASS	R4-1	24	30	720	5	2	0	15.5	31	31	-
		STAY IN LANE	R4-9	24	30	720	5						
319+60.	LT	RIGHT LANE BICYCLE ONLY	R3-17B	24	30	720	5	0	1	13.5	13.5	-	13.5
319+60.	RT	DO NOT PASS	R4-1	24	30	720	5	2	0	15.5	31	31	-
		STAY IN LANE	R4-9	24	30	720	5						
321+00.	LT	BIKE LANE	R3-17	24	18	432	3	0	1	14.5	14.5	-	14.5
		NO PARKING	R8-3	24	24	576	4						
MOUNTED ON WEST SIDE OF EX LIGHT POLE 321+32	RT	BIKE LANE	R3-17	24	18	432	3	MOUNTED ON WEST SIDE OF EX. EASTBOUND LIGHT POLE FACING WEST					
		NO PARKING	R8-3	24	24	576	4						
322+00.	LT	DO NOT PASS	R4-1	24	30	720	5	2	0	15.5	31	31	-
		STAY IN LANE	R4-9	24	30	720	5						
322+40.	RT	RIGHT LANE BICYCLE ONLY	R3-17B	24	30	720	5	0	1	13.5	13.5	-	13.5
323+30.	LT	BIKE LANE	R3-17	24	18	432	3	0	1	14.5	14.5	-	14.5
		NO PARKING	R8-3	24	24	576	4						
324+25.	RT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4
		SHARE THE ROAD	W16-1P	18	24	432	3						

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USER NAME = ken.moy  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 SCHEDULES

SHEET NO. OF SHEETS STA. TO STA.

SECTION 08-00178-03-BT COUNTY COOK TOTAL SHEETS 61 SHEET NO. 13  
 CONTRACT NO. 61F17  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

SIGN INSTALLATION SCHEDULE													
STATION	RT / LT	SIGN	DESIGNATION	SIGN PANEL DIMENSIONS (IN)		AREA (SQ IN)	AREA (SQ FT)	TYPE A POST (EACH)	TYPE B POST (EACH)	POST LENGTH EACH (FT)	TOTAL LENGTH (FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)
324+70.	LT	RIGHT LANE BICYCLE ONLY	R3-17B	24	30	720	5	0	1	13.5	13.5	-	13.5
328+50.	RT	BIKE LANE	R3-17	24	18	432	3	1	0	12.7	12.7	12.7	-
		AHEAD	R3-17aP	24	8	192	1.33						
329+60.	LT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4
		SHARE THE ROAD	W16-1P	18	24	432	3						
330+25.	RT	RIGHT LANE BICYCLE ONLY	R3-17B	24	30	720	5	0	1	13.5	13.5	-	13.5
331+50.	LT	DO NOT PASS	R4-1	24	30	720	5	2	0	15.5	31	31	-
		STAY IN LANE	R4-9	24	30	720	5						
331+00.	RT	DO NOT PASS	R4-1	24	30	720	5	2	0	15.5	31	31	-
		STAY IN LANE	R4-9	24	30	720	5						
332+75.	LT	RIGHT LANE BICYCLE ONLY	R3-17B	24	30	720	5	0	1	13.5	13.5	-	13.5
333+70.	RT	RIGHT LANE BICYCLE ONLY	R3-17B	24	30	720	5	0	1	13.5	13.5	-	13.5

SIGN INSTALLATION SCHEDULE															
STATION	RT / LT	SIGN	DESIGNATION	SIGN PANEL DIMENSIONS (IN)		AREA (SQ IN)	AREA (SQ FT)	TYPE A POST (EACH)	TYPE B POST (EACH)	POST LENGTH EACH (FT)	TOTAL LENGTH (FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT (FT)
336+19.	RT	BICYCLE	W11-1	36	36	1296	9	TELESCOPING SIGN SUPPORT AND BASE		13.2	13.2	-	-	1	13.2
		SHARE THE ROAD	W16-1P	18	24	432	3								
339+47.	LT	BIKE LANE	R3-17	24	18	432	3	TELESCOPING SIGN SUPPORT AND BASE		10.5	10.5	-	-	1	10.5
		NO PARKING	R8-3	24	24	576	4								
340+45.	RT	BIKE LANE	R3-17	24	18	432	3	TELESCOPING SIGN SUPPORT AND BASE		9.2	9.2	-	-	1	9.2
		AHEAD	R3-17aP	24	8	192	1.33								
341+70.	LT	BICYCLE	W11-1	36	36	1296	9	TELESCOPING SIGN SUPPORT AND BASE		12.0	12.0	-	-	1	12.0
		SHARE THE ROAD	W16-1P	18	24	432	3								

SIGN INSTALLATION SCHEDULE														
STATION	RT / LT	SIGN	DESIGNATION	SIGN PANEL DIMENSIONS (IN)		AREA (SQ IN)	AREA (SQ FT)	TYPE A POST (EACH)	TYPE B POST (EACH)	POST LENGTH EACH (FT)	TOTAL LENGTH (FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)	
342+45.	RT	BIKE LANE	R3-17	24	18	432	3	0	1	14.5	14.5	-	14.5	
		NO PARKING	R8-3	24	24	576	4							
343+00.	RT	DO NOT PASS	R4-1	24	30	720	5	2	0	15.5	31	31	-	
		STAY IN LANE	R4-9	24	30	720	5							
344+75.	LT	DO NOT PASS	R4-1	24	30	720	5	2	0	15.5	31	31	-	
		STAY IN LANE	R4-9	24	30	720	5							
344+95.	RT	RIGHT LANE BICYCLE ONLY	R3-17B	24	30	720	5	0	1	13.5	13.5	-	13.5	
345+25.	LT	RIGHT LANE BICYCLE ONLY	R3-17B	24	30	720	5	0	1	13.5	13.5	-	13.5	
346+35.	RT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4	
		SHARE THE ROAD	W16-1P	18	24	432	3							
347+50.	LT	BIKE LANE	R3-17	24	18	432	3	0	1	14.5	14.5	-	14.5	
		NO PARKING	R8-3	24	24	576	4							
349+75.	RT	BIKE LANE	R3-17	24	18	432	3	0	1	14.5	14.5	-	14.5	
		NO PARKING	R8-3	24	24	576	4							
350+10.	RT	DO NOT PASS	R4-1	24	30	720	5	2	0	15.5	31	31	-	
		STAY IN LANE	R4-9	24	30	720	5							

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 SCHEDULES

SHEET NO. OF SHEETS STA. TO STA.

SECTION COUNTY TOTAL SHEETS SHEET NO.  
 08-00178-03-BT COOK 61 14  
 CONTRACT NO. 61F17  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

SIGN INSTALLATION SCHEDULE															
STATION	RT / LT	SIGN	DESIGNATION	SIGN PANEL DIMENSIONS (IN)		AREA (SQ IN)	AREA (SQ FT)	TYPE A POST (EACH)	TYPE B POST (EACH)	POST LENGTH EACH (FT)	TOTAL LENGTH (FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT (FT)
350+55.	LT	BICYCLE	W11-1	36	36	1296	9	TELESCOPING SIGN SUPPORT AND BASE		13.2	13.2	-	-	1	13.2
		SHARE THE ROAD	W16-1P	18	24	432	3								
351+20.	RT	BICYCLE	W11-1	36	36	1296	9	0	2	16.7	33.4	-	33.4	-	-
		100 FEET	W16-2P	24	18	432	3								
351+45.	LT	DO NOT PASS	R4-1	24	30	720	5	TELESCOPING SIGN SUPPORT AND BASE		12	12	-	-	1	12
		STAY IN LANE	R4-9	24	30	720	5								
351+75.	LT	BIKE LANE	R3-17	24	18	432	3	1	0	12.67	12.67	12.67	-	-	-
		AHEAD	R3-17aP	24	8	192	1.33								
352+00.	RT	BICYCLE ROUTE	D11-1	24	18	432	3	0	1	13.25	13.25	-	13.25	-	-
		DIRECTIONAL ARROW AUXILIARY	M6-1R	21	15	315	2.1875								
WB SIDE OF VERMONT ST FACING CHATHAM ST	LT	BICYCLE ROUTE	D11-1	24	18	432	3	TELESCOPING SIGN SUPPORT AND BASE		9.75	9.75	-	-	1	9.75
		DIRECTIONAL ARROW AUXILIARY	M6-1L	21	15	315	2.1875								
WB SIDE OF VERMONT ST FACING EAST (ACROSS FROM CHATHAM ST)	LT	BICYCLE	W11-1	36	36	1296	9	TELESCOPING SIGN SUPPORT AND BASE		13.2	13.2	-	-	1	13.2
		SHARE THE ROAD	W16-1P	18	24	432	3								
WB SIDE OF VERMONT ST MOUNTED ON EAST SIDE OF EX LIGHT POLE (EAST OF	RT	BICYCLE	W11-1	36	36	1296	9	MOUNTED ON EAST SIDE OF EX. WESTBOUND LIGHT POLE FACING EAST						-	-
		100 FEET	W16-2P	24	18	432	3								

SIGN INSTALLATION SCHEDULE															
STATION	RT / LT	SIGN	DESIGNATION	SIGN PANEL DIMENSIONS (IN)		AREA (SQ IN)	AREA (SQ FT)	TYPE A POST (EACH)	TYPE B POST (EACH)	POST LENGTH EACH (FT)	TOTAL LENGTH (FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)		
352+58.	LT	BICYCLE	W11-1	36	36	1296	9	2	0	15.2	30.4	30.4	-		
352+70.	RT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4		
		SHARE THE ROAD	W16-1P	18	24	432	3								
355+25.	LT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4		
		SHARE THE ROAD	W16-1P	18	24	432	3								
357+00.	RT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4		
		SHARE THE ROAD	W16-1P	18	24	432	3								
358+75.	LT	BICYCLE	W11-1	36	36	1296	9	0	2	17.2	34.4	-	34.4		
		SHARE THE ROAD	W16-1P	18	24	432	3								

SIGN INSTALLATION SCHEDULE															
STATION	RT / LT	SIGN	DESIGNATION	SIGN PANEL DIMENSIONS (IN)		AREA (SQ IN)	AREA (SQ FT)	TYPE A POST (EACH)	TYPE B POST (EACH)	POST LENGTH EACH (FT)	TOTAL LENGTH (FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)		
359+75.	RT	NO OUTLET	W14-2	36	36	1296	9	0	2	14.7	29.4	-	29.4		
FACING ENTRANCE 361+36	LT	NO RIGHT TURN	R3-1	24	24	576	4	1	0	12.5	12.5	12.5	-		
366+41.	RT	BICYCLE ROUTE	D11-1	24	18	432	3	0	1	11.25	11.25	-	11.25		
		DIRECTIONAL ARROW AUXILIARY	M6-1L	21	15	315	2.1875								
366+59.	LT	STOP	R1-1	18	18	324	2.25	1	0	10	10	10	-		
367+50.	LT	BICYCLE ROUTE	D11-1	24	18	432	3	0	1	11.25	11.25	-	11.25		
		DIRECTIONAL ARROW AUXILIARY	M5-1R	21	15	315	2.1875								
371+00.	LT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-		
371+00.	RT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-		
376+00.	RT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-		
376+65.	LT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-		
376+78.	RT	STOP	R1-1	18	18	324	2.25	1	0	10	10	10	-		
376+96.	RT	COMBINATION BIKE AND PED	W11-15	36	36	1296	9	0	2	15.7	31.4	-	31.4		
		ARROW	W16-7P	24	12	288	2								
377+40.	LT	COMBINATION BIKE AND PED	W11-15	36	36	1296	9	0	2	15.7	31.4	-	31.4		
		ARROW	W16-7P	24	12	288	2								
377+53.	RT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-		
377+57.	LT	STOP	R1-1	18	18	324	2.25	1	0	10	10	10	-		
381+01.68	LT	COMBINATION BIKE AND PED	W11-15	36	36	1296	9	INCLUDED IN THE COST OF SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)							
		ARROW	W16-7P	24	12	288	2								
381+03.	LT	COMBINATION BIKE AND PED	W11-15	36	36	1296	9	MOUNTED TO NORTH SIDE OF EX. SOUTHBOUND STREET LIGHT POLE. NORTH OF DIVISION STREET BRIDGE							
		500 FEET	W16-2P	24	18	432	3								
381+03.	LT	COMBINATION BIKE AND PED	W11-15	36	36	1296	9	MOUNTED TO NORTH SIDE OF EX. SOUTHBOUND STREET LIGHT POLE.							
		AHEAD	W16-9P	24	12	288	2								
381+03.	RT	NO MOTOR VEHICLES	R5-3	24	24	576	4	0	1	12.5	12.5	-	12.5		
		STOP	R1-1	18	18	324	2.25								
381+38.	LT	NO MOTOR VEHICLES	R5-3	24	24	576	4	0	1	12.5	12.5	-	12.5		
		STOP	R1-1	18	18	324	2.25								

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 DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 SCHEDULES

SHEET NO. OF SHEETS STA. TO STA.

SECTION 08-00178-03-BT COUNTY COOK TOTAL SHEETS 61 SHEET NO. 15  
 CONTRACT NO. 61F17  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

SIGN INSTALLATION SCHEDULE													
STATION	RT / LT	SIGN	DESIGNATION	SIGN PANEL DIMENSIONS (IN)		AREA (SQ IN)	AREA (SQ FT)	TYPE A POST (EACH)	TYPE B POST (EACH)	POST LENGTH EACH (FT)	TOTAL LENGTH (FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)
381+38.	RT	COMBINATION BIKE AND PED	W11-15	36	36	1296	9	0	2	15.7	31.4	-	31.4
		AHEAD	W16-9P	24	12	288	2						
381+47.62	RT	COMBINATION BIKE AND PED	W11-15	36	36	1296	9	INCLUDED IN THE COST OF SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)					
		ARROW	W16-7P	24	12	288	2						
383+00.	LT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-
383+00.	RT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-
390+00.	LT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-
390+00.	RT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-
394+00.	LT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-
394+00.	RT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-
400+00.	LT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-
400+00.	RT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-
407+50.	LT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-
407+50.	RT	NO MOTOR VEHICLES	R5-3	24	24	576	4	1	0	10.5	10.5	10.5	-

THERMOPLASTIC PAVEMENT MARKINGS LETTERS & SYMBOLS (WHITE)		
TYPE	STATION	OFFSET
SHARROW	304+00.	RT & LT
SHARROW	306+25.	RT & LT
SHARROW	NB FRANCISCO AVE SOUTH OF 131ST ST	RT
SHARROW	307+50.	RT & LT
SHARROW	309+00.	RT & LT
SHARROW	310+18.	RT
LEFT TURN LANE SHARROW W/ TURN ARROW	310+25.	RT
LEFT TURN LANE SHARROW	310+75.	RT
SHARROW	311+50.	RT & LT
SHARROW	313+00.	RT & LT
BIKE LANE SYMBOL	313+83.	LT
BIKE LANE SYMBOL	313+98.	RT
BIKE LANE SYMBOL	315+00.	RT & LT
BIKE LANE SYMBOL	317+50.	RT & LT
BIKE LANE SYMBOL	319+50.	RT & LT
BIKE LANE SYMBOL	321+35.	RT
BIKE LANE SYMBOL	322+50.	LT
BIKE LANE SYMBOL	323+00.	RT
BIKE LANE SYMBOL	324+15.	RT
BIKE LANE SYMBOL	325+00.	LT
SHARROW	325+20.	RT
SHARROW	326+55.	RT & LT
SHARROW	327+55.	LT
SHARROW	327+65.	RT
SHARROW	329+00.	LT
BIKE LANE SYMBOL	329+25.	RT
BIKE LANE SYMBOL	330+35.	RT
BIKE LANE SYMBOL	331+00.	LT
BIKE LANE SYMBOL	332+70.	RT & LT
BIKE LANE SYMBOL	333+60.	RT
BIKE LANE SYMBOL	330+70.	LT
BIKE LANE SYMBOL	335+50.	RT
BIKE LANE SYMBOL	336+00.	LT
SHARROW	337+00.	RT
BIKE LANE SYMBOL	337+75.	LT
SHARROW	338+70.	RT
SHARROW	339+50.	RT
BIKE LANE SYMBOL	339+50.	LT
SHARROW	340+35.	RT
SHARROW	340+50.	LT
SHARROW	341+40.	RT
SHARROW	341+65.	LT
SHARROW	342+35.	LT
BIKE LANE SYMBOL	342+76.	RT
BIKE LANE SYMBOL	344+50.	RT & LT
RR XING	345+25.	RT
BIKE LANE RR XING	345+25.	RT
BIKE LANE SYMBOL	347+30.	RT
BIKE LANE SYMBOL	347+50.	LT
BIKE LANE SYMBOL	350+00.	RT & LT
BIKE LANE RR XING	350+45.	LT
BIKE LANE SYMBOL	351+28.	LT
BIKE LANE SYMBOL W/ RIGHT TURN ARROW	351+65.	RT
SHARROW	352+75.	RT & LT
SHARROW	355+20.	RT & LT
SHARROW	356+25.	RT & LT
SHARROW	358+75.	RT & LT
SHARROW	359+65.	RT & LT
SHARROW	361+00.	RT & LT

PROPOSED DRAINAGE DITCH LOCATION SCHEDULE									
STATION	CENTER OF DITCH BOTTOM OFFSET (FEET)	LT/RT	ELEVATION (FEET)	COMMENT	STATION	CENTER OF DITCH BOTTOM OFFSET (FEET)	LT/RT	ELEVATION (FEET)	COMMENT
382+00.00	18.0	RT	594.43		394+70.00	16.5	RT	590.86	PIPE CULVERT, CLASS A, TYPE 1, 15" W/ FES
383+00.00	14.8	RT	593.38		395+00.00	16.3	RT	590.55	
384+00.00	16.8	RT	592.34	PIPE CULVERT, CLASS A, TYPE 1, 15" W/ FES	396+00.00	15.6	RT	589.54	
385+00.00	15.3	RT	593.06		397+00.00	16.5	RT	588.52	
386+00.00	13.7	RT	593.78		398+00.00	17.5	RT	587.50	
386+30.00	13.3	RT	594.00	SUMMIT	399+00.00	16.5	RT	586.97	
387+00.00	15.6	RT	593.65		400+00.00	15.3	RT	586.45	
387+50.00	16.7	RT	593.40	PIPE CULVERT, CLASS A, TYPE 1, 15" W/ FES	401+00.00	13.7	RT	585.93	
388+00.00	13.4	RT	593.55		402+00.00	12.2	RT	585.39	
389+00.00	11.8	RT	593.85		403+00.00	14.8	RT	584.87	
390+00.00	11.3	RT	594.15	SUMMIT	403+70.00	17.1	RT	584.50	PIPE CULVERT, CLASS A, TYPE 1, 18" W/ FES
391+00.00	13.9	RT	593.45		404+00.00	15.7	RT	584.58	
392+00.00	15.4	RT	592.75		405+00.00	12.3	RT	584.86	
393+00.00	16.0	RT	592.05		405+55.00	9.7	RT	585.01	
394+00.00	16.4	RT	591.35						

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 SCHEDULES

SHEET NO. OF SHEETS STA. TO STA.

SECTION 08-00178-03-BT COUNTY COOK TOTAL SHEETS 61 SHEET NO. 16  
 CONTRACT NO. 61F17  
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



CAL-SAG TRAIL (BLUE ISLAND WEST SEGMENT) PLANT SCHEDULE - 61F17											
TYPE	SCIENTIFIC NAME	COMMON NAME	SIZE	STATION	OFFSET (FT)		SHEET				TOTAL QUANTITY
					LT	RT	34	35	36	37	
SHADE TREES	AESCULUS FLAVA	YELLOW SWEET BUCKEYE	2" CALIPER	393+50. 396+80.		24 25				1 1	2
	CATALPA SPECIOSA	NORTHERN CATALPA	2" CALIPER	373+50. 374+90. 375+50. 405+20.		11 11 11 22			1 1 1 1	4	
	CELTIS OCCIDENTALIS	COMMON HACKBERRY	2" CALIPER	382+30. 382+50. 387+25. 387+75.	15 15				1 1 1 1	4	
	GYMNOCLADUS DIOICUS 'ESPRESSO-JFS'	ESPRESSO KENTUCKY COFFEETREE	2.5" CALIPER	324+35. 327+70.		24 23	1 1				2
	LIRIODENDRON TULIPIFERA	TULIP TREE	2" CALIPER	359+90. 360+30. 360+70. 366+90. 390+90. 391+60. 392+30.		20 20 20			1 1 1 1 1 1 1	7	
	NYSSA SYLVATICA 'DAVID ODUM'	AFTERBURNER SOUR GUM	2" CALIPER	353+10. 353+85. 361+90.	21 21 21				1 1 1	4	
	PRUNUS SEROTINA	BLACK CHERRY	1-1/2" CALIPER	371+00. 371+40. 371+70. 372+50.	20 20				1 1 1 1	4	
	QUERCUS BICOLOR	SWAMP WHITE OAK	1-3/4" CALIPER	358+10. 358+50. 379+85. 381+85. 383+30. 384+20. 379+00.		21 21 15 15			1 1 1 1 1 1 1	6	
	QUERCUS IMBRICARIA	SHINGLE OAK	1-3/4" CALIPER	385+40. 385+90. 386+20.		25 25 10			1 1 1	4	
	QUERCUS MACROCARPA	BUR OAK	1-3/4" CALIPER	305+80. 306+20. 380+20. 380+50.		40 80 15	1 1			4	
	QUERCUS MACROCARPA 'JFS-KW3'	URBAN PINNACLE BUR OAK	2" CALIPER	356+70. 357+80. 358+30.	21 21 21				1 1 1	3	
	QUERCUS MUEHLENBERGII	CHINKAPIN OAK	1-3/4" CALIPER	360+00. 360+40. 360+80. 368+40. 368+60. 369+30. 369+75. 370+20.		20 20 20 15 12 15 12 30			1 1 1 1 1 1 1 1	8	
	SASSAFRAS ALBIDUM	SASSAFRAS	2" CALIPER	393+25. 393+50. 393+75.	20 35 20				1 1 1	3	
	TILIA AMERICANA 'LEGEND'	LEGEND AMERICAN LINDEN/BASSWOOD	2" CALIPER	376+95. 378+00. 398+35. 398+35.	10 10 27 27				1 1 1 1	4	
	ULMUS AMERICANA 'PRINCETON'	PRINCETON AMERICAN ELM	2" CALIPER	377+30. 394+35. 395+35. 402+70. 404+00.	20 20 24 20 22				1 1 1 1 1	5	

CAL-SAG TRAIL (BLUE ISLAND WEST SEGMENT) PLANT SCHEDULE - 61F17											
TYPE	SCIENTIFIC NAME	COMMON NAME	SIZE	STATION	OFFSET (FT)		SHEET				TOTAL QUANTITY
					LT	RT	34	35	36	37	
INTERMEDIATE TREES	AMELANCHIER GRANDIFLORA	APPLE SERVICEBERRY	5' HEIGHT	389+30. 389+45. 389+60. 404+65. 405+00. 405+15.		17 17 17				1 1 1 1 1 1	6
	CERCIS CANADENSIS	EASTERN REDBUD	5' HEIGHT	376+20. 377+30. 380+65. 407+55.		10 30			1 1	4	
	CLADRASTIS KENTUCKEA	AMERICAN YELLOWWOOD	2" CALIPER	401+50. 402+00. 402+70.		20 10			1 1 1	3	
	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	2" CALIPER	353+60. 354+00. 354+50. 355+00. 357+20. 356+30. 367+10.		20 20 20 20 20 20 10			1 1 1 1 1 1 1	7	
	SHRUBS	CEPHALANTHUS OCCIDENTALIS	BUTTONBUSH	3' HEIGHT/BB	383+78. 383+84. 383+90. 384+15. 384+21. 384+27. 394+45. 394+51. 394+57. 394+63. 394+69.	10 12 10 16 13 15				1 1 1 1 1 1 1 1 1 1 1	11
		LINDERA BENZOIN	SPICEBUSH	5 GALLON CONTAINER	378+54. 378+60. 384+65. 384+71. 384+77.					1 1 1 1 1	5
		VIBURNUM LENTAGO	NANNYBERRY VIBURNUM	5 GALLON CONTAINER	388+33. 388+43. 388+53. 397+65. 397+75. 397+85.	20 20 20 27 23 27				1 1 1 1 1 1	6

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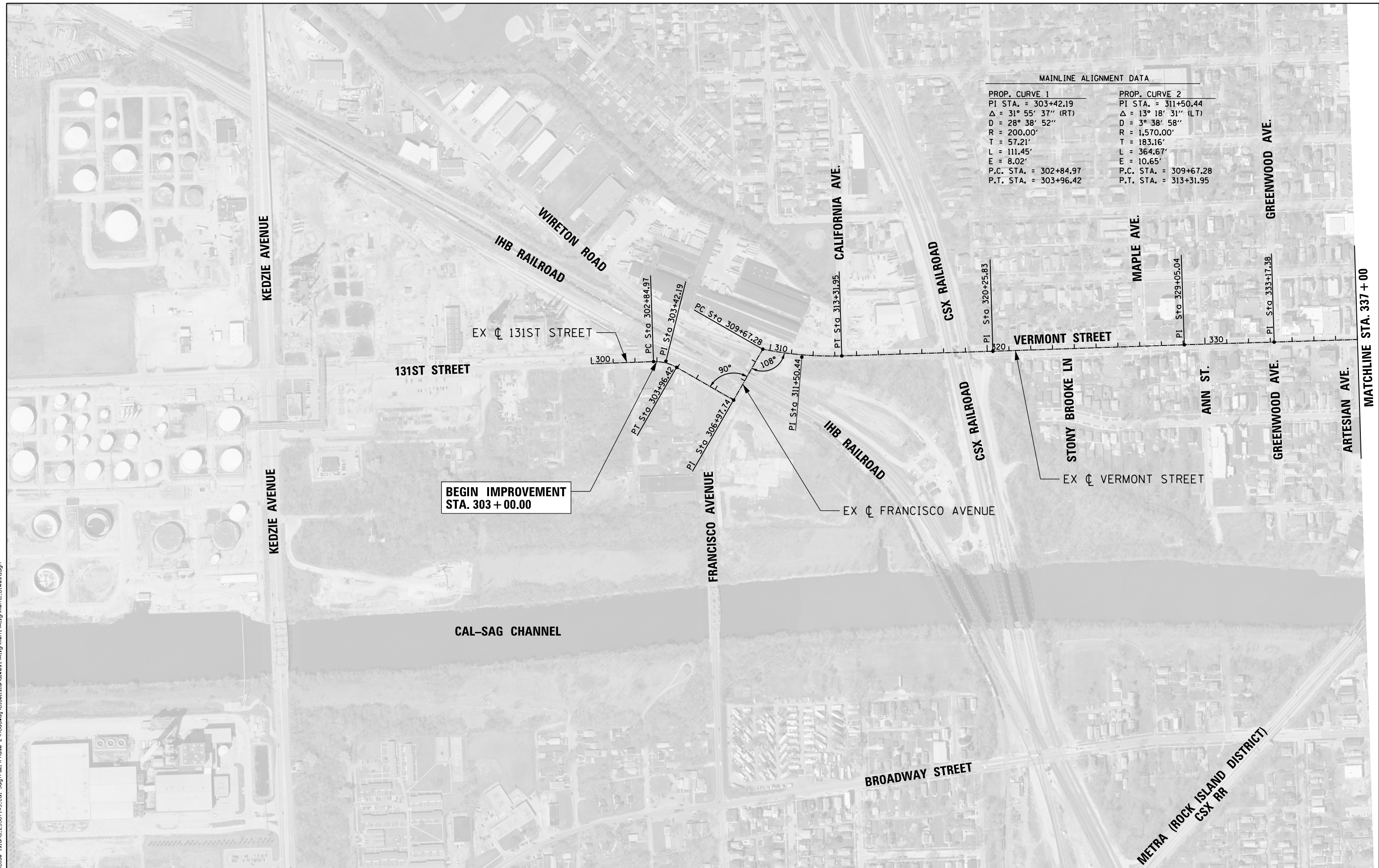
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
SCHEDULES

SHEET NO. OF SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	17
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

MAINLINE ALIGNMENT DATA	
PROP. CURVE 1	PROP. CURVE 2
PI STA. = 303+42.19	PI STA. = 311+50.44
$\Delta = 31^\circ 55' 37''$ (RT)	$\Delta = 13^\circ 18' 31''$ (LT)
D = 28° 38' 52"	D = 3° 38' 58"
R = 200.00'	R = 1,570.00'
T = 57.21'	T = 183.16'
L = 111.45'	L = 364.67'
E = 8.02'	E = 10.65'
P.C. STA. = 302+84.97	P.C. STA. = 309+67.28
P.T. STA. = 303+96.42	P.T. STA. = 313+31.95



**BEGIN IMPROVEMENT  
STA. 303 + 00.00**



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	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
ALIGNMENT DATA**

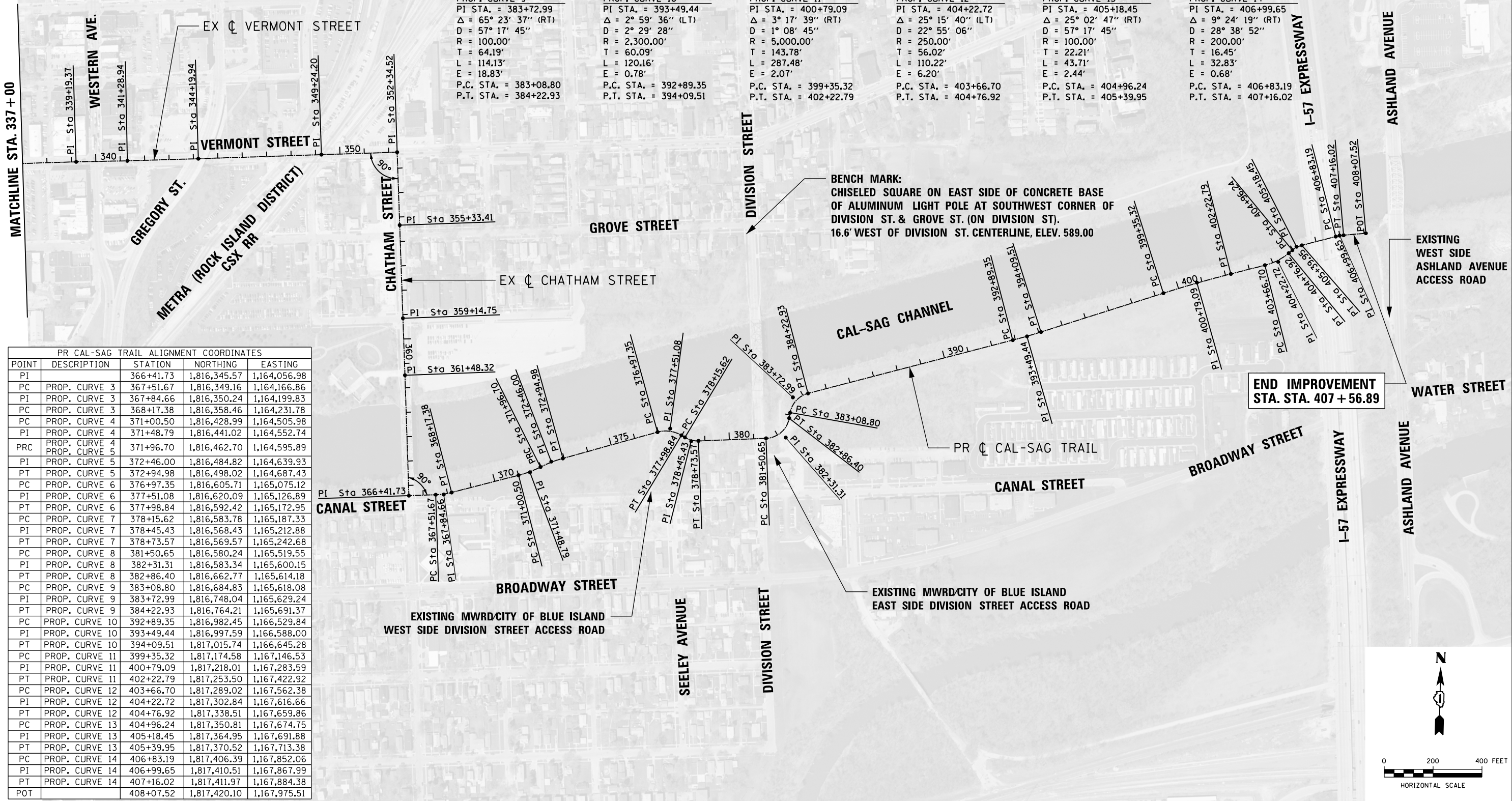
SHEET NO. 1 OF 2 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	18
CONTRACT NO. 61F17		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

FILE NAME = P:\Blue Island\26367145\_Cal-SagTrail\Phase 2\Roadway\BlueIslandWest\Alignment\Alignment\_BIWest.dgn



<b>PROP. CURVE 3</b> PI STA. = 367+84.66 $\Delta = 12^\circ 33' 01''$ (LT) $D = 19^\circ 05' 55''$ $R = 300.00'$ $T = 32.99'$ $L = 65.71'$ $E = 1.81'$ P.C. STA. = 367+51.67 P.T. STA. = 368+17.38	<b>PROP. CURVE 4</b> PI STA. = 371+48.79 $\Delta = 12^\circ 14' 56''$ (LT) $D = 12^\circ 43' 57''$ $R = 450.00'$ $T = 48.29'$ $L = 96.20'$ $E = 2.58'$ P.C. STA. = 371+00.50 P.T. STA. = 371+96.70	<b>PROP. CURVE 5</b> PI STA. = 372+46.00 $\Delta = 11^\circ 08' 59''$ (RT) $D = 11^\circ 20' 45''$ $R = 505.00'$ $T = 49.29'$ $L = 98.27'$ $E = 2.40'$ P.C. STA. = 371+96.70 P.T. STA. = 372+94.98	<b>PROP. CURVE 6</b> PI STA. = 377+51.08 $\Delta = 46^\circ 31' 15''$ (RT) $D = 45^\circ 50' 12''$ $R = 125.00'$ $T = 53.73'$ $L = 101.49'$ $E = 11.06'$ P.C. STA. = 376+97.35 P.T. STA. = 377+98.84	<b>PROP. CURVE 7</b> PI STA. = 378+45.43 $\Delta = 33^\circ 12' 06''$ (LT) $D = 57^\circ 17' 45''$ $R = 100.00'$ $T = 29.81'$ $L = 57.95'$ $E = 4.35'$ P.C. STA. = 378+15.62 P.T. STA. = 378+73.57	<b>PROP. CURVE 8</b> PI STA. = 382+31.31 $\Delta = 77^\circ 46' 40''$ (LT) $D = 57^\circ 17' 45''$ $R = 100.00'$ $T = 80.66'$ $L = 135.75'$ $E = 28.47'$ P.C. STA. = 381+50.65 P.T. STA. = 382+86.40
<b>PROP. CURVE 9</b> PI STA. = 383+72.99 $\Delta = 65^\circ 23' 37''$ (RT) $D = 57^\circ 17' 45''$ $R = 100.00'$ $T = 64.19'$ $L = 114.13'$ $E = 18.83'$ P.C. STA. = 383+08.80 P.T. STA. = 384+22.93	<b>PROP. CURVE 10</b> PI STA. = 393+49.44 $\Delta = 2^\circ 59' 36''$ (LT) $D = 2^\circ 29' 28''$ $R = 2,300.00'$ $T = 60.09'$ $L = 120.16'$ $E = 0.78'$ P.C. STA. = 392+89.35 P.T. STA. = 394+09.51	<b>PROP. CURVE 11</b> PI STA. = 400+79.09 $\Delta = 3^\circ 17' 39''$ (RT) $D = 1^\circ 08' 45''$ $R = 5,000.00'$ $T = 143.78'$ $L = 287.48'$ $E = 2.07'$ P.C. STA. = 399+35.32 P.T. STA. = 402+22.79	<b>PROP. CURVE 12</b> PI STA. = 404+22.72 $\Delta = 25^\circ 15' 40''$ (LT) $D = 22^\circ 55' 06''$ $R = 250.00'$ $T = 56.02'$ $L = 110.22'$ $E = 6.20'$ P.C. STA. = 403+66.70 P.T. STA. = 404+76.92	<b>PROP. CURVE 13</b> PI STA. = 405+18.45 $\Delta = 25^\circ 02' 47''$ (RT) $D = 57^\circ 17' 45''$ $R = 100.00'$ $T = 22.21'$ $L = 43.71'$ $E = 2.44'$ P.C. STA. = 404+96.24 P.T. STA. = 405+39.95	<b>PROP. CURVE 14</b> PI STA. = 406+99.65 $\Delta = 9^\circ 24' 19''$ (RT) $D = 28^\circ 38' 52''$ $R = 200.00'$ $T = 16.45'$ $L = 32.83'$ $E = 0.68'$ P.C. STA. = 406+83.19 P.T. STA. = 407+16.02



PR CAL-SAG TRAIL ALIGNMENT COORDINATES				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
PI		366+41.73	1,816,345.57	1,164,056.98
PC	PROP. CURVE 3	367+51.67	1,816,349.16	1,164,166.86
PI	PROP. CURVE 3	367+84.66	1,816,350.24	1,164,199.83
PC	PROP. CURVE 3	368+17.38	1,816,358.46	1,164,231.78
PC	PROP. CURVE 4	371+00.50	1,816,428.99	1,164,505.98
PI	PROP. CURVE 4	371+48.79	1,816,441.02	1,164,552.74
PRC	PROP. CURVE 4	371+96.70	1,816,462.70	1,164,595.89
PI	PROP. CURVE 5	372+46.00	1,816,484.82	1,164,639.93
PT	PROP. CURVE 5	372+94.98	1,816,498.02	1,164,687.43
PC	PROP. CURVE 6	376+97.35	1,816,605.71	1,165,075.12
PI	PROP. CURVE 6	377+51.08	1,816,620.09	1,165,126.89
PT	PROP. CURVE 6	377+98.84	1,816,592.42	1,165,172.95
PC	PROP. CURVE 7	378+15.62	1,816,583.78	1,165,187.33
PI	PROP. CURVE 7	378+45.43	1,816,568.43	1,165,212.88
PT	PROP. CURVE 7	378+73.57	1,816,569.57	1,165,242.68
PC	PROP. CURVE 8	381+50.65	1,816,580.24	1,165,519.55
PI	PROP. CURVE 8	382+31.31	1,816,583.34	1,165,600.15
PT	PROP. CURVE 8	382+86.40	1,816,662.77	1,165,614.18
PC	PROP. CURVE 9	383+08.80	1,816,684.83	1,165,618.08
PI	PROP. CURVE 9	383+72.99	1,816,748.04	1,165,629.24
PT	PROP. CURVE 9	384+22.93	1,816,764.21	1,165,691.37
PC	PROP. CURVE 10	392+89.35	1,816,982.45	1,166,529.84
PI	PROP. CURVE 10	393+49.44	1,816,997.59	1,166,588.00
PT	PROP. CURVE 10	394+09.51	1,817,015.74	1,166,645.28
PC	PROP. CURVE 11	399+35.32	1,817,174.58	1,167,146.53
PI	PROP. CURVE 11	400+79.09	1,817,218.01	1,167,283.59
PT	PROP. CURVE 11	402+22.79	1,817,253.50	1,167,422.92
PC	PROP. CURVE 12	403+66.70	1,817,289.02	1,167,562.38
PI	PROP. CURVE 12	404+22.72	1,817,302.84	1,167,616.66
PT	PROP. CURVE 12	404+76.92	1,817,338.51	1,167,659.86
PC	PROP. CURVE 13	404+96.24	1,817,350.81	1,167,674.75
PI	PROP. CURVE 13	405+18.45	1,817,364.95	1,167,691.88
PT	PROP. CURVE 13	405+39.95	1,817,370.52	1,167,713.38
PC	PROP. CURVE 14	406+83.19	1,817,406.39	1,167,852.06
PI	PROP. CURVE 14	406+99.65	1,817,410.51	1,167,867.99
PT	PROP. CURVE 14	407+16.02	1,817,411.97	1,167,884.38
POT		408+07.52	1,817,420.10	1,167,975.51

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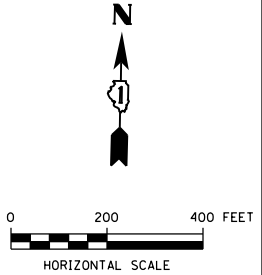
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	DATE = JULY 29, 2019	REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
ALIGNMENT DATA

SHEET NO. 2 OF 2 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	19
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



PLAN	SURVEYED	DATE
	PLOTTED	
	NOTES CHECKED	
	ALIGNED	
	CHECKED	
	FILED	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHECKED	

① W11-1  
36" X 36"  
AHEAD  
W16-9P  
24" X 12"

⑦ BIKE ROUTE  
D11-1  
24" X 18"  
M5-1  
21" X 15"  
**FRANCISCO AVE**  
D3-1  
24" X 8"

⑩ BIKE LANE  
R3-17  
24" X 18"  
R8-3  
24" X 24"

② W11-15  
36" X 36"  
W16-7P  
24" X 12"

⑧ BIKE LANE  
R3-17  
24" X 18"  
R3-17gP  
24" X 8"

⑪ BIKE ROUTE  
D11-1  
24" X 18"  
M6-1  
21" X 15"

③ W11-1  
36" X 36"  
SHARE THE ROAD  
W16-1P  
18" X 24"

⑨ BIKE ROUTE  
D11-1  
24" X 18"  
M6-1  
21" X 15"

④ RIGHT LANE ONLY  
R3-17B  
24" X 30"

⑤ DO NOT PASS  
R4-1  
24" X 30"

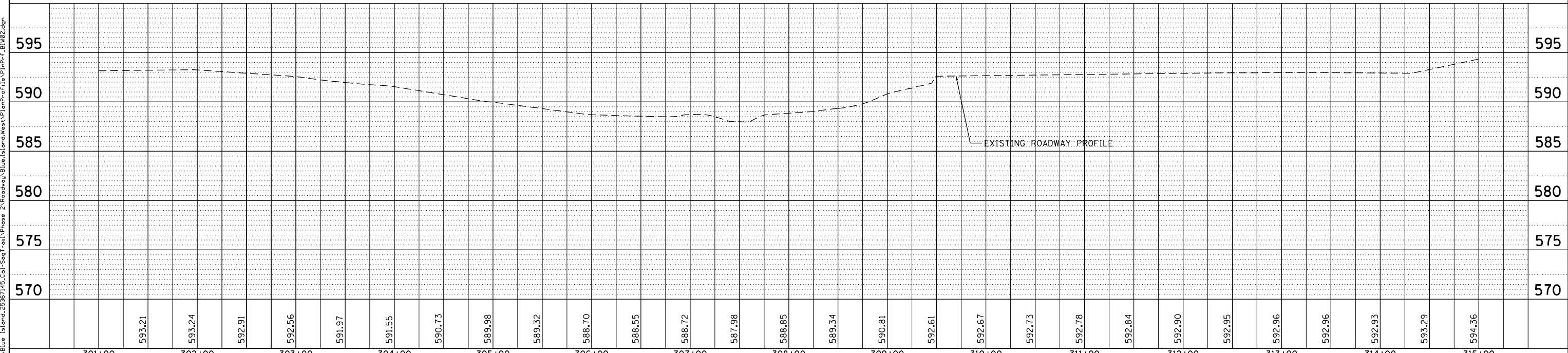
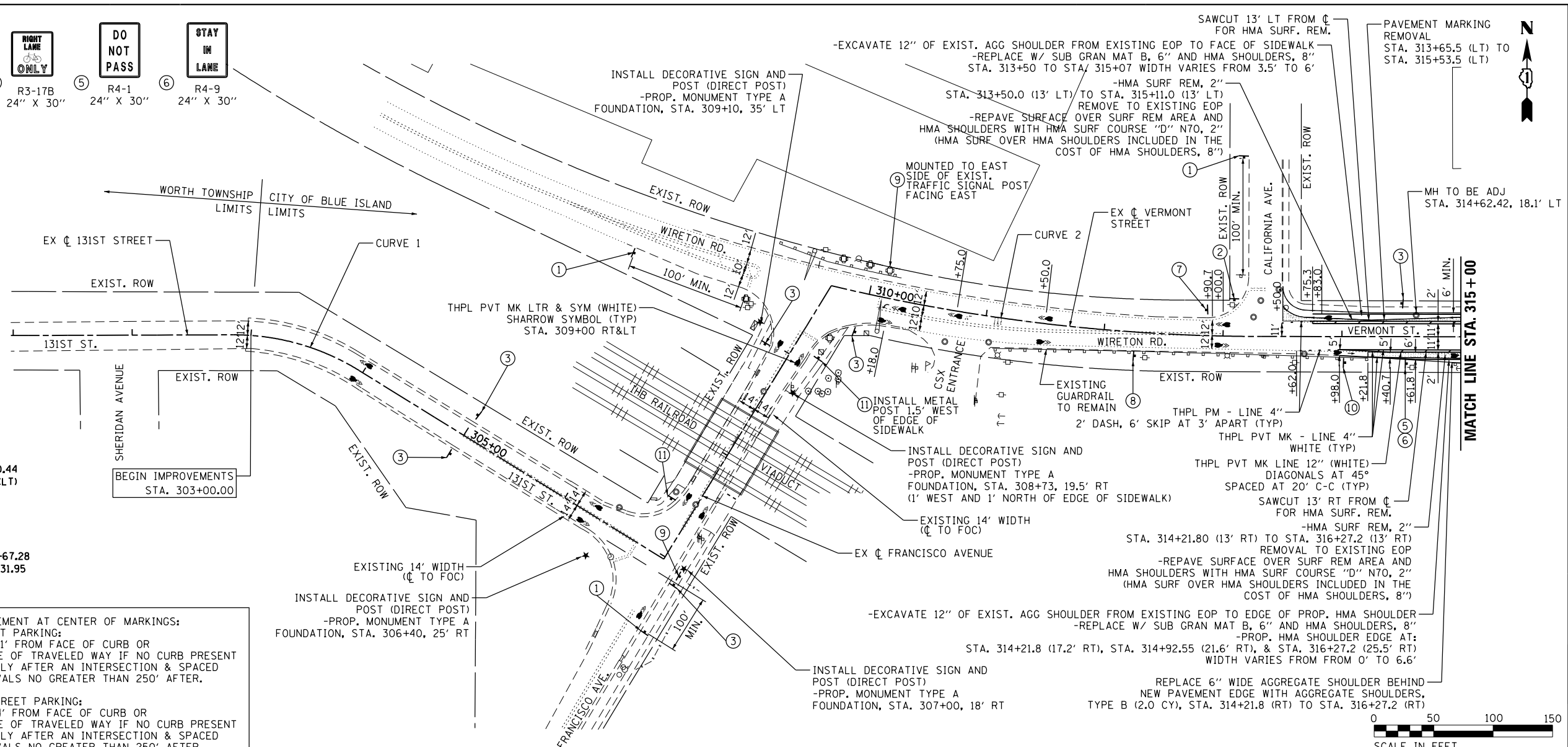
⑥ STAY IN LANE  
R4-9  
24" X 30"

PROP. CURVE 1  
PI STA. = 303+42.19  
 $\Delta = 31^\circ 55' 37''$  (RT)  
 $D = 28^\circ 38' 52''$   
R = 200.00'  
T = 57.21'  
L = 111.45'  
E = 8.02'  
P.C. STA. = 302+84.97  
P.T. STA. = 303+96.42

PROP. CURVE 2  
PI STA. = 311+50.44  
 $\Delta = 13^\circ 18' 31''$  (LT)  
 $D = 3^\circ 38' 58''$   
R = 1,570.00'  
T = 183.16'  
L = 364.67'  
E = 10.65'  
P.C. STA. = 309+67.28  
P.T. STA. = 313+31.95

SHARROW PLACEMENT AT CENTER OF MARKINGS:  
WITH ON-STREET PARKING:  
1. MINIMUM 11' FROM FACE OF CURB OR FROM EDGE OF TRAVELED WAY IF NO CURB PRESENT  
2. IMMEDIATELY AFTER AN INTERSECTION & SPACED AT INTERVALS NO GREATER THAN 250' AFTER.

WITHOUT ON-STREET PARKING:  
1. MINIMUM 4' FROM FACE OF CURB OR FROM EDGE OF TRAVELED WAY IF NO CURB PRESENT  
2. IMMEDIATELY AFTER AN INTERSECTION & SPACED AT INTERVALS NO GREATER THAN 250' AFTER.

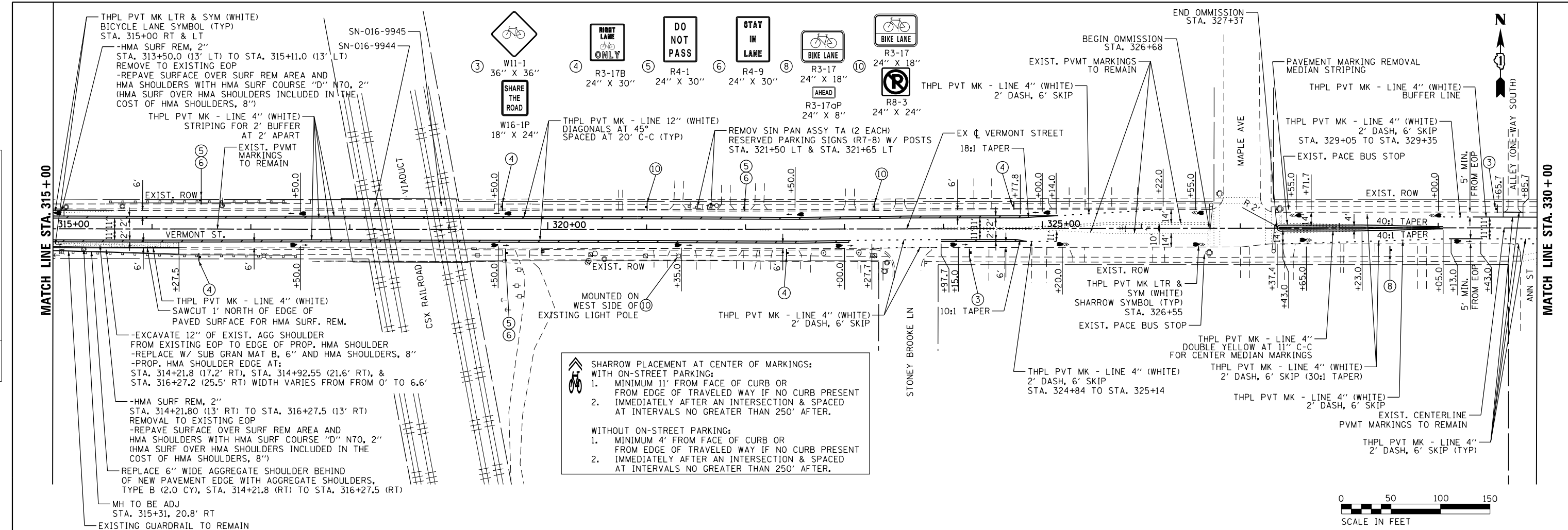


<p><b>AECOM</b> 303 East Wacker Drive, Suite 1400, Chicago, IL 60601 T 1-312-373-7700 F 1-312-373-6800</p>	USER NAME = ken.moy	DESIGNED - KLM	REVISED -	<p><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)</b> <b>PLAN AND PROFILE</b></p>	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1"	CHECKED - BMC	REVISED -			08-00178-03-BT	COOK	61	20
	PLOT DATE = 8/19/2019	DATE = JULY 29, 2019	REVISED -			CONTRACT NO. 61F17			

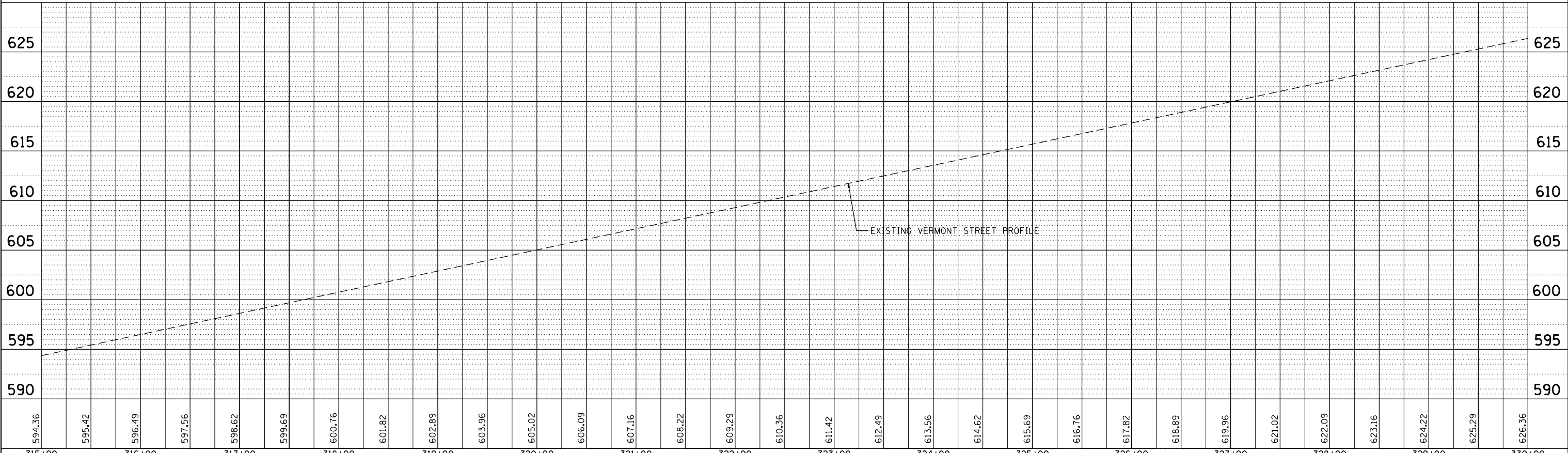
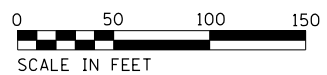
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	NOTED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	FILED	
	NO.	



**SHARROW PLACEMENT AT CENTER OF MARKINGS:**  
 WITH ON-STREET PARKING:  
 1. MINIMUM 11' FROM FACE OF CURB OR FROM EDGE OF TRAVELED WAY IF NO CURB PRESENT  
 2. IMMEDIATELY AFTER AN INTERSECTION & SPACED AT INTERVALS NO GREATER THAN 250' AFTER.  
 WITHOUT ON-STREET PARKING:  
 1. MINIMUM 4' FROM FACE OF CURB OR FROM EDGE OF TRAVELED WAY IF NO CURB PRESENT  
 2. IMMEDIATELY AFTER AN INTERSECTION & SPACED AT INTERVALS NO GREATER THAN 250' AFTER.



594.36	595.42	596.49	597.56	598.62	599.69	600.76	601.82	602.89	603.96	605.02	606.09	607.16	608.22	609.29	610.36	611.42	612.49	613.56	614.62	615.69	616.76	617.82	618.89	619.96	621.02	622.09	623.16	624.22	625.29	626.36		
315+00	316+00	317+00	318+00	319+00	320+00	321+00	322+00	323+00	324+00	325+00	326+00	327+00	328+00	329+00	330+00																	



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - KLM	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - BMC	REVISED -
PLOT DATE = 8/19/2019	DATE - JULY 29, 2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)			
PLAN AND PROFILE			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	21
CONTRACT NO. 61F17			

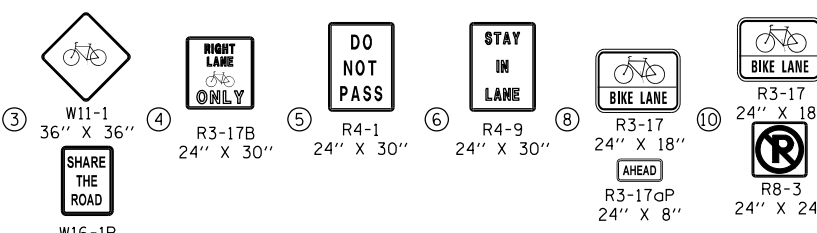
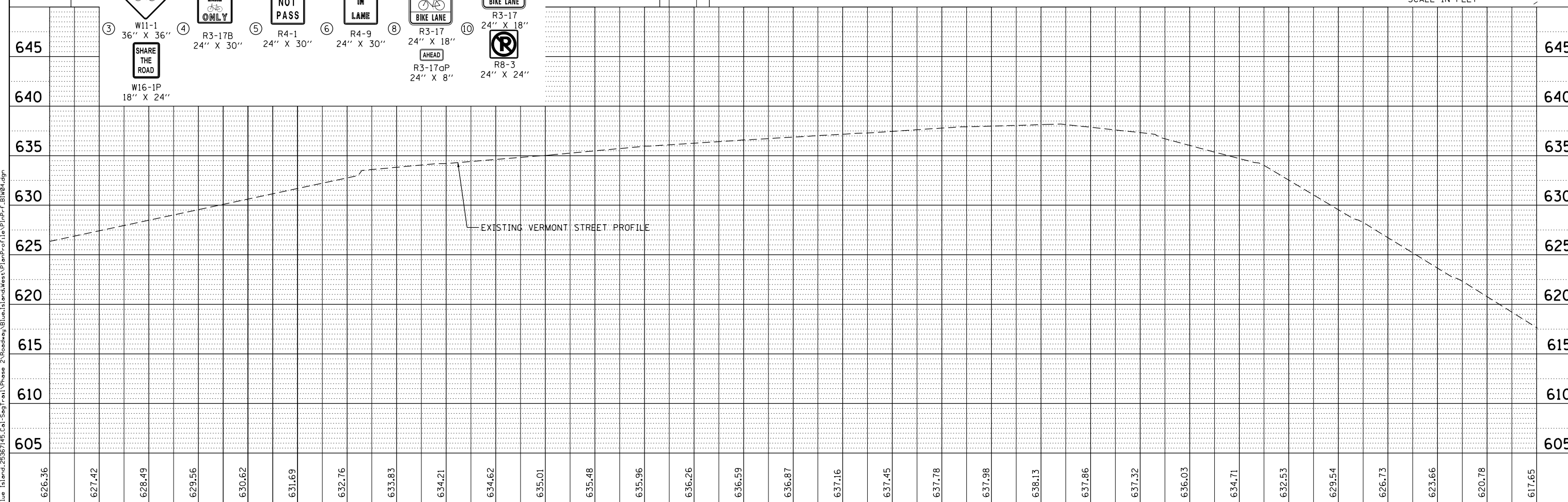
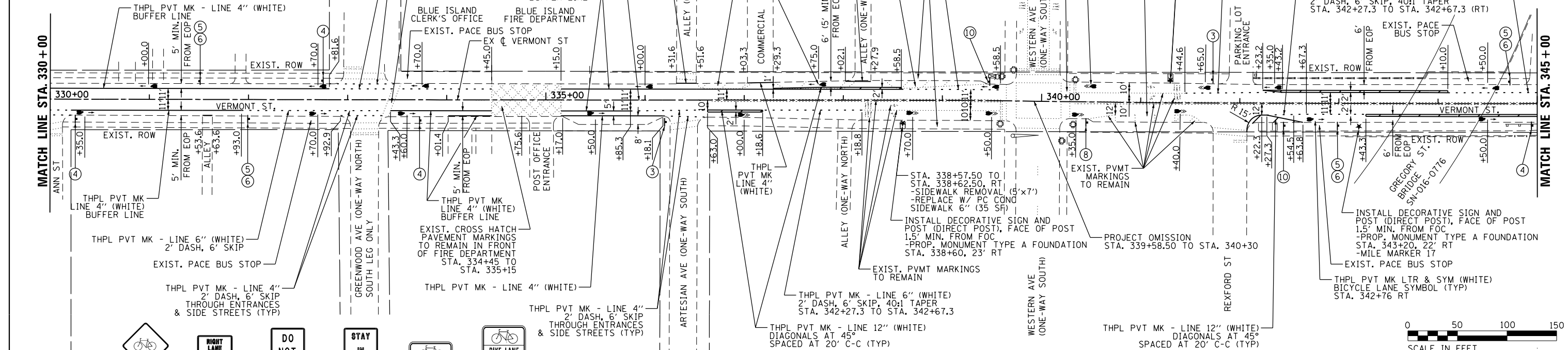
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

**SHARROW PLACEMENT AT CENTER OF MARKINGS:**  
WITH ON-STREET PARKING:  
1. MINIMUM 11' FROM FACE OF CURB OR FROM EDGE OF TRAVELED WAY IF NO CURB PRESENT  
2. IMMEDIATELY AFTER AN INTERSECTION & SPACED AT INTERVALS NO GREATER THAN 250' AFTER.

WITHOUT ON-STREET PARKING:  
1. MINIMUM 4' FROM FACE OF CURB OR FROM EDGE OF TRAVELED WAY IF NO CURB PRESENT  
2. IMMEDIATELY AFTER AN INTERSECTION & SPACED AT INTERVALS NO GREATER THAN 250' AFTER.



	USER NAME = ken.moy	DESIGNED - KLM	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)</b> <b>PLAN AND PROFILE</b>	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1\"/>								
	PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -	SCALE:	SHEET NO. OF SHEETS	08-00178-03-BT	COOK	61	22
		DATE - JULY 29, 2019	REVISED -		STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F17

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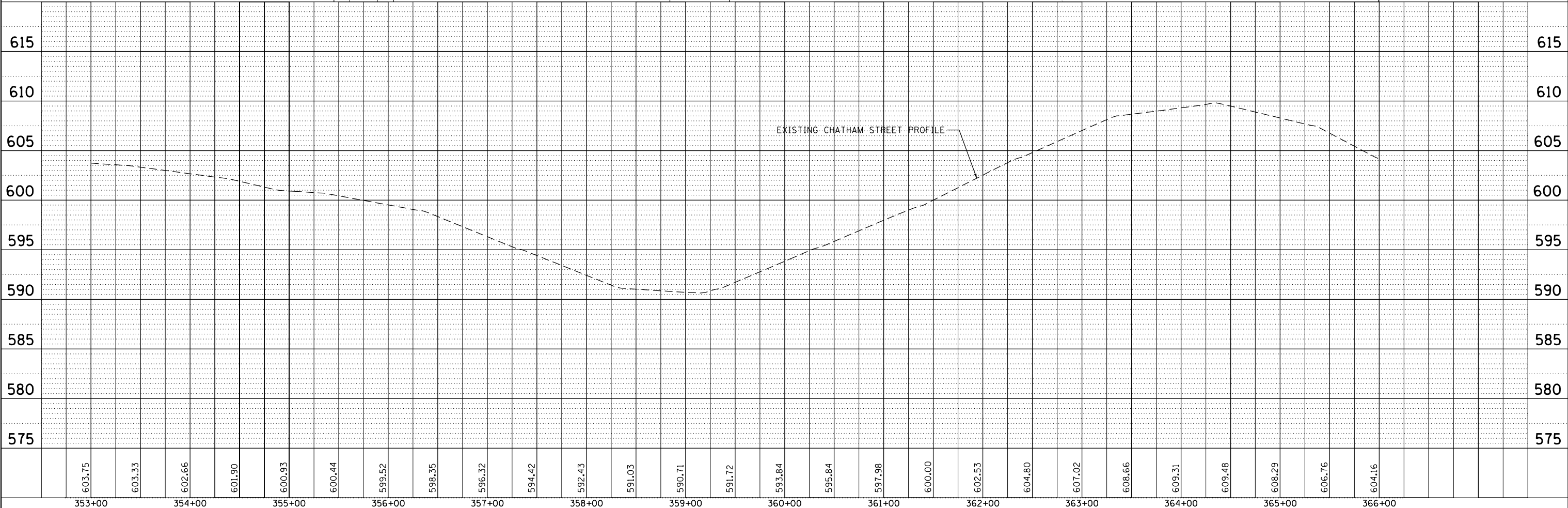
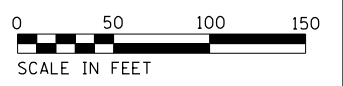
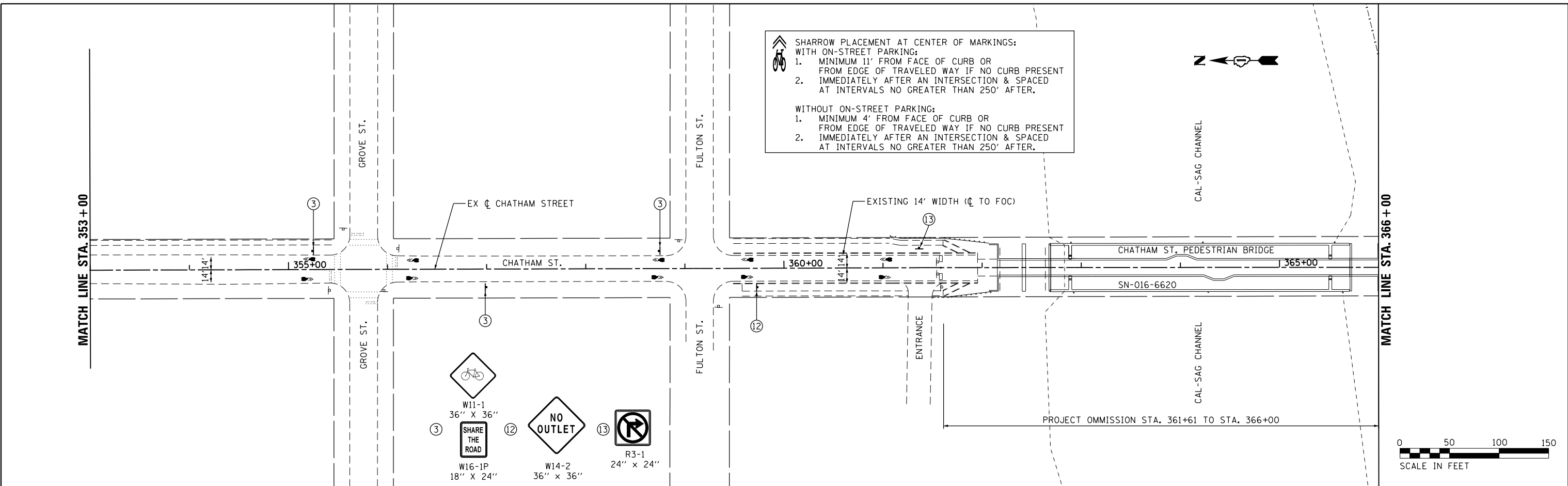
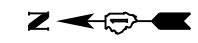


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	NOTE BOOK		
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	FILE NAME		

PROFILE	SURVEYED	BY	DATE
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	NOTE BOOK		
	NO.		
	FILE NAME		

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**SHARROW PLACEMENT AT CENTER OF MARKINGS:**  
**WITH ON-STREET PARKING:**  
 1. MINIMUM 11' FROM FACE OF CURB OR FROM EDGE OF TRAVELED WAY IF NO CURB PRESENT  
 2. IMMEDIATELY AFTER AN INTERSECTION & SPACED AT INTERVALS NO GREATER THAN 250' AFTER.  
**WITHOUT ON-STREET PARKING:**  
 1. MINIMUM 4' FROM FACE OF CURB OR FROM EDGE OF TRAVELED WAY IF NO CURB PRESENT  
 2. IMMEDIATELY AFTER AN INTERSECTION & SPACED AT INTERVALS NO GREATER THAN 250' AFTER.



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - KLM	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - BMC	REVISED -
PLOT DATE = 8/19/2019	DATE - JULY 29, 2019	REVISED -

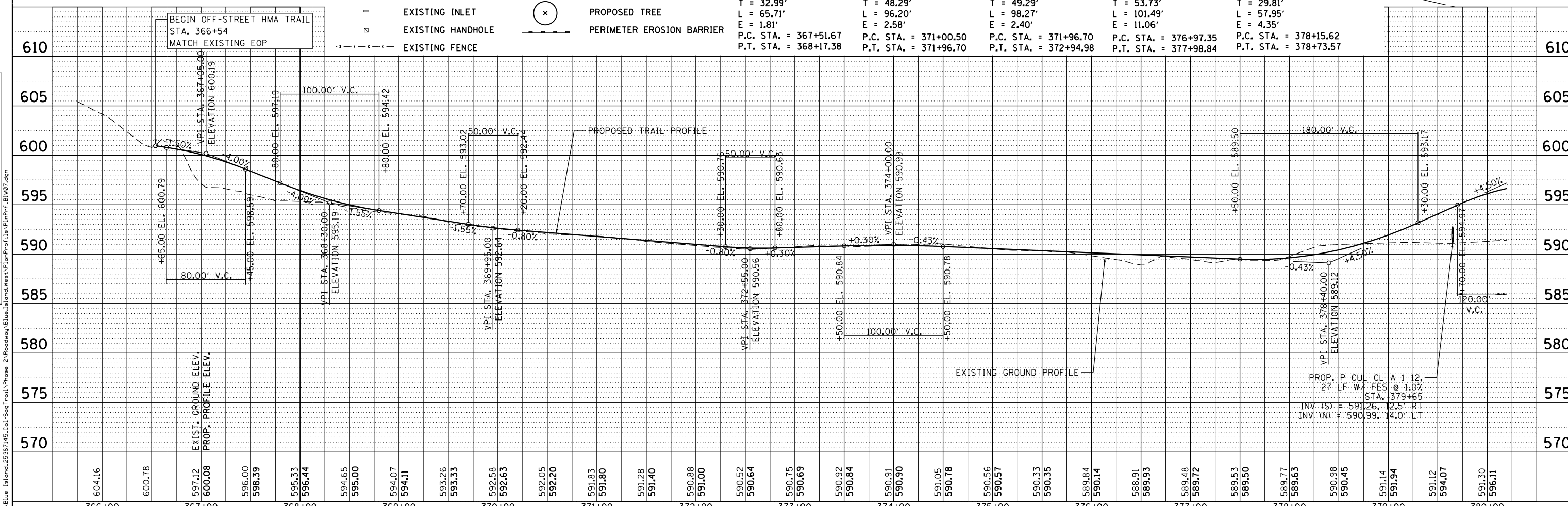
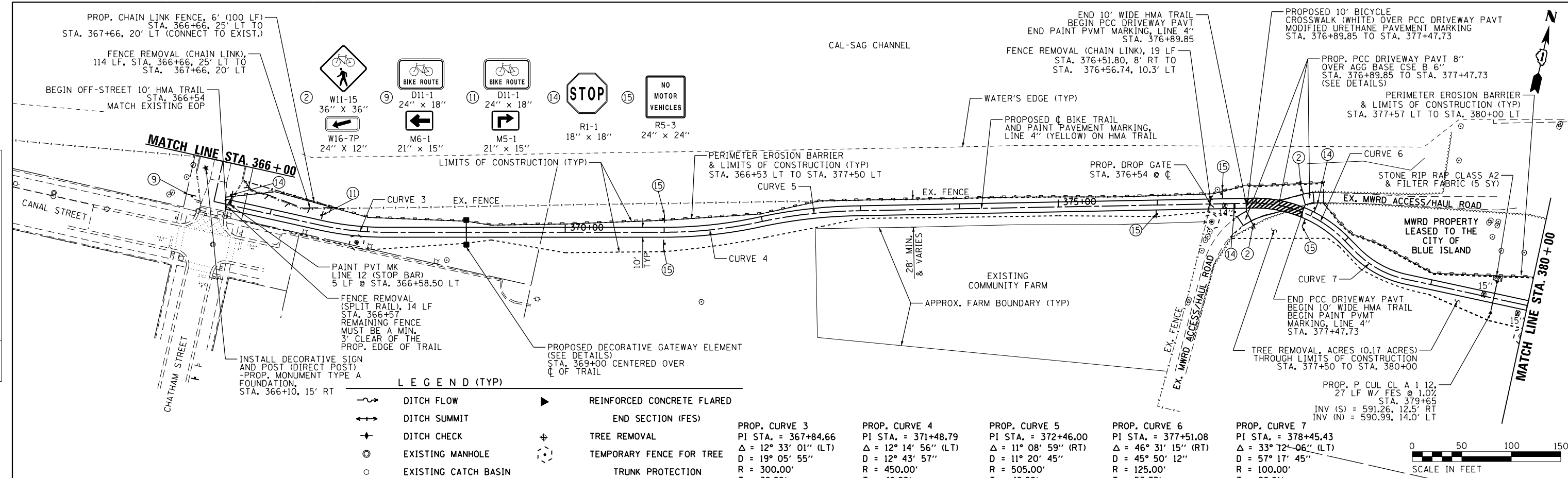
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)</b>			
<b>PLAN AND PROFILE</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	24
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61F17	

DATE	
BY	
PLAN	
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ALIGNED	
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NO. BOOK	
NO.	

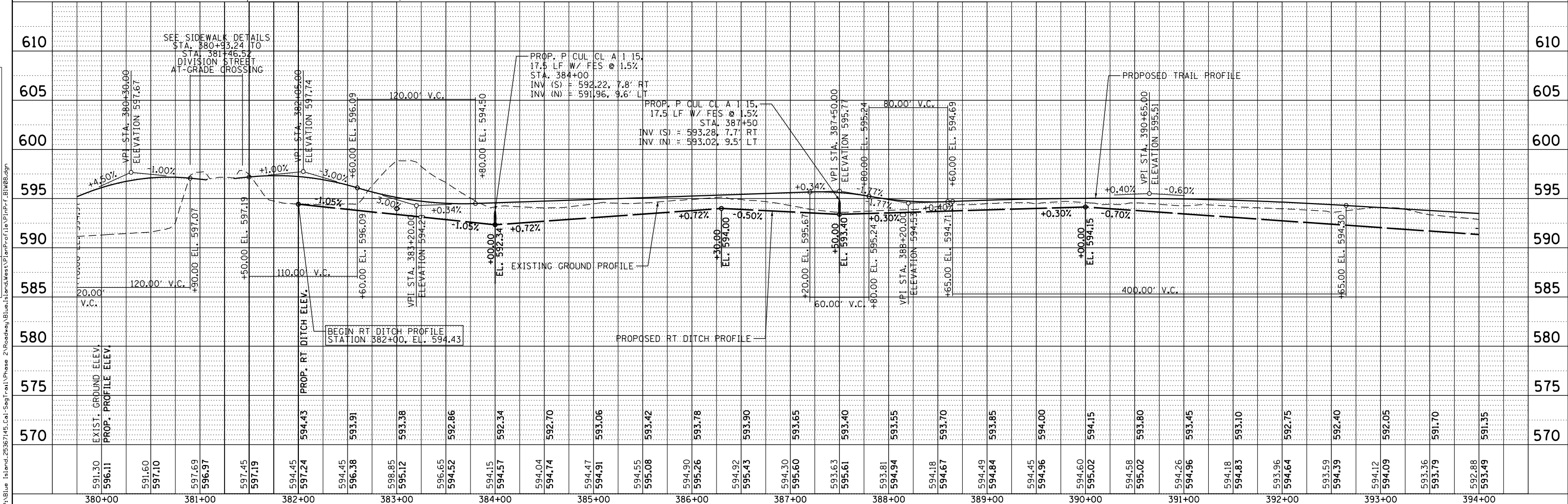
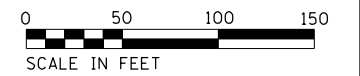
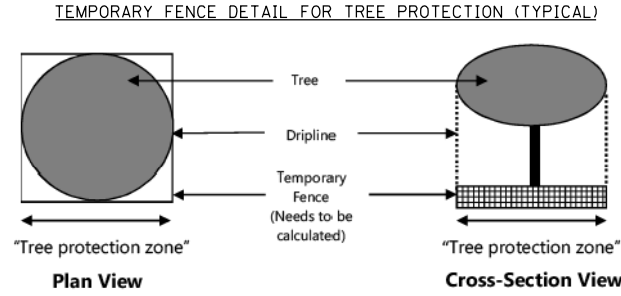
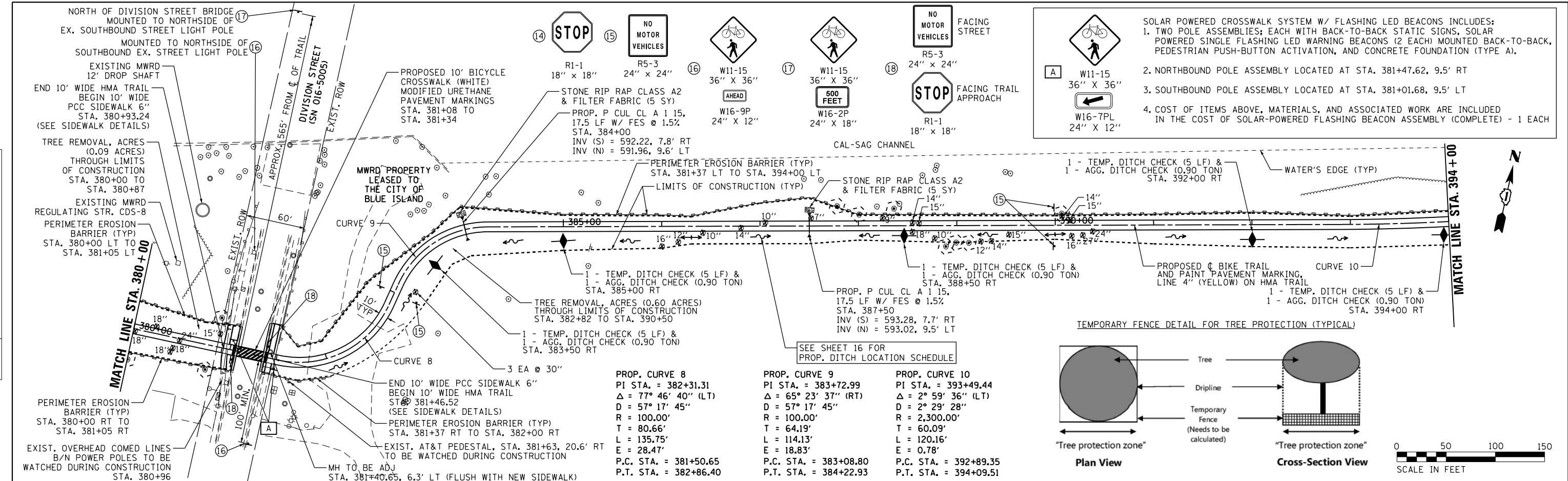
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
NO. BOOK	
NO.	



610	605	600	595	590	585	580	575	570	610	605	600	595	590	585	580	575	570	610	
366+00	367+00	368+00	369+00	370+00	371+00	372+00	373+00	374+00	375+00	376+00	377+00	378+00	379+00	380+00	380+00	380+00	380+00	380+00	380+00

PLAN	SURVEYED	DATE
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	NOTED	
	CHECKED	
	APPROVED	
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PROFILE	SURVEYED	DATE
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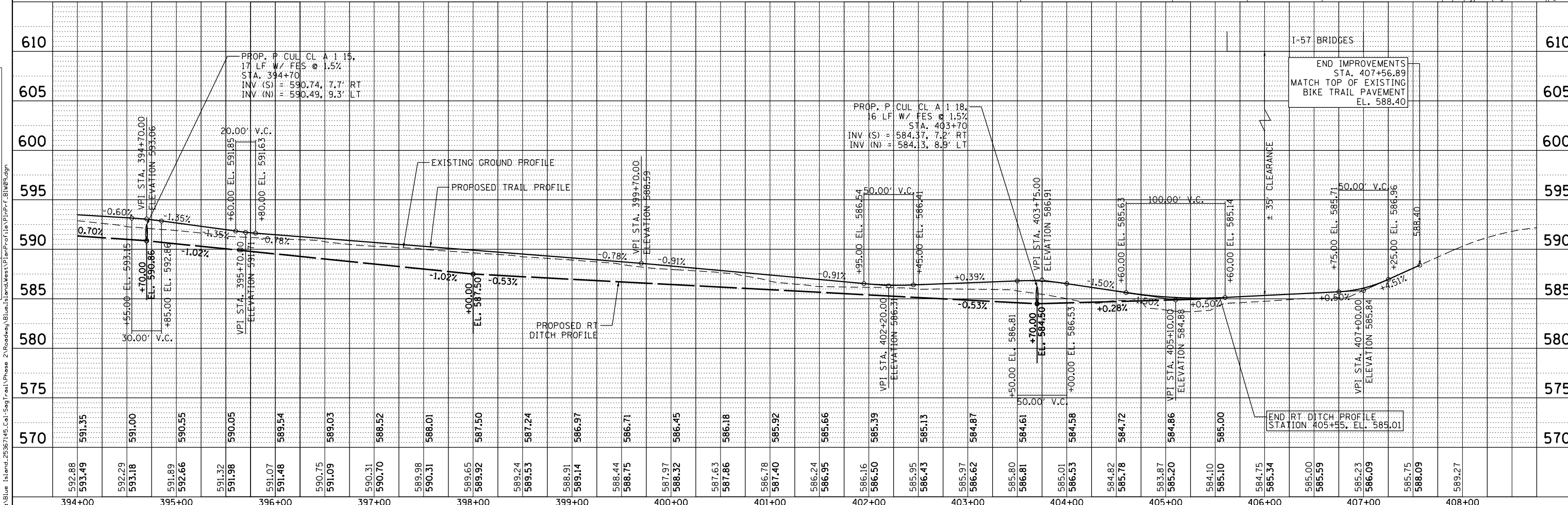
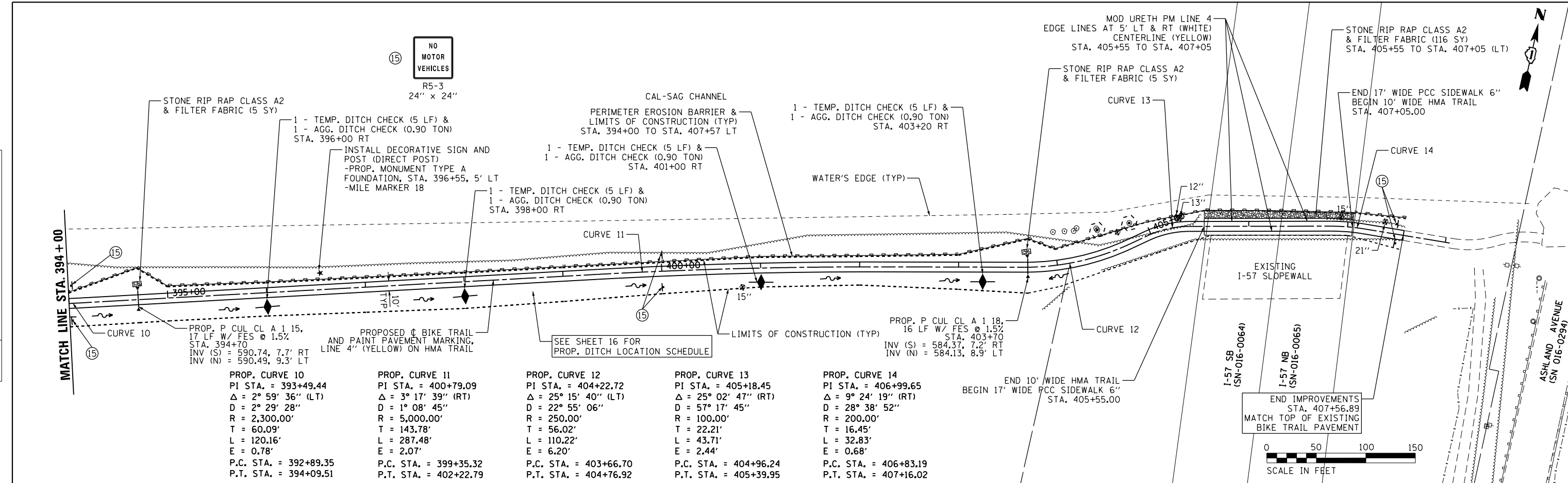


 <small>303 East Wacker Drive, Suite 1400, Chicago, IL 60601 T 1-312-373-7700 F 1-312-373-8800</small>	USER NAME = ken.moy DESIGNED - KLM DRAWN - KLM CHECKED - BMC DATE - JULY 29, 2019	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT) PLAN AND PROFILE	SECTION 08-00178-03-BT	COUNTY COOK	TOTAL SHEETS 61	SHEET NO. 26	CONTRACT NO. 61F17
	PLOT SCALE = 100.0000' / 1"	PLOT DATE = 8/19/2019	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

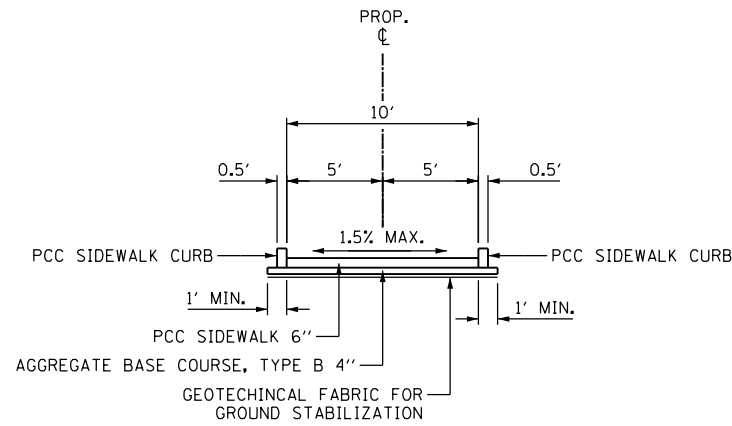
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PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	NO. 1	
	NO. 2	
	NO. 3	
	NO. 4	
	NO. 5	
	NO. 6	
	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	

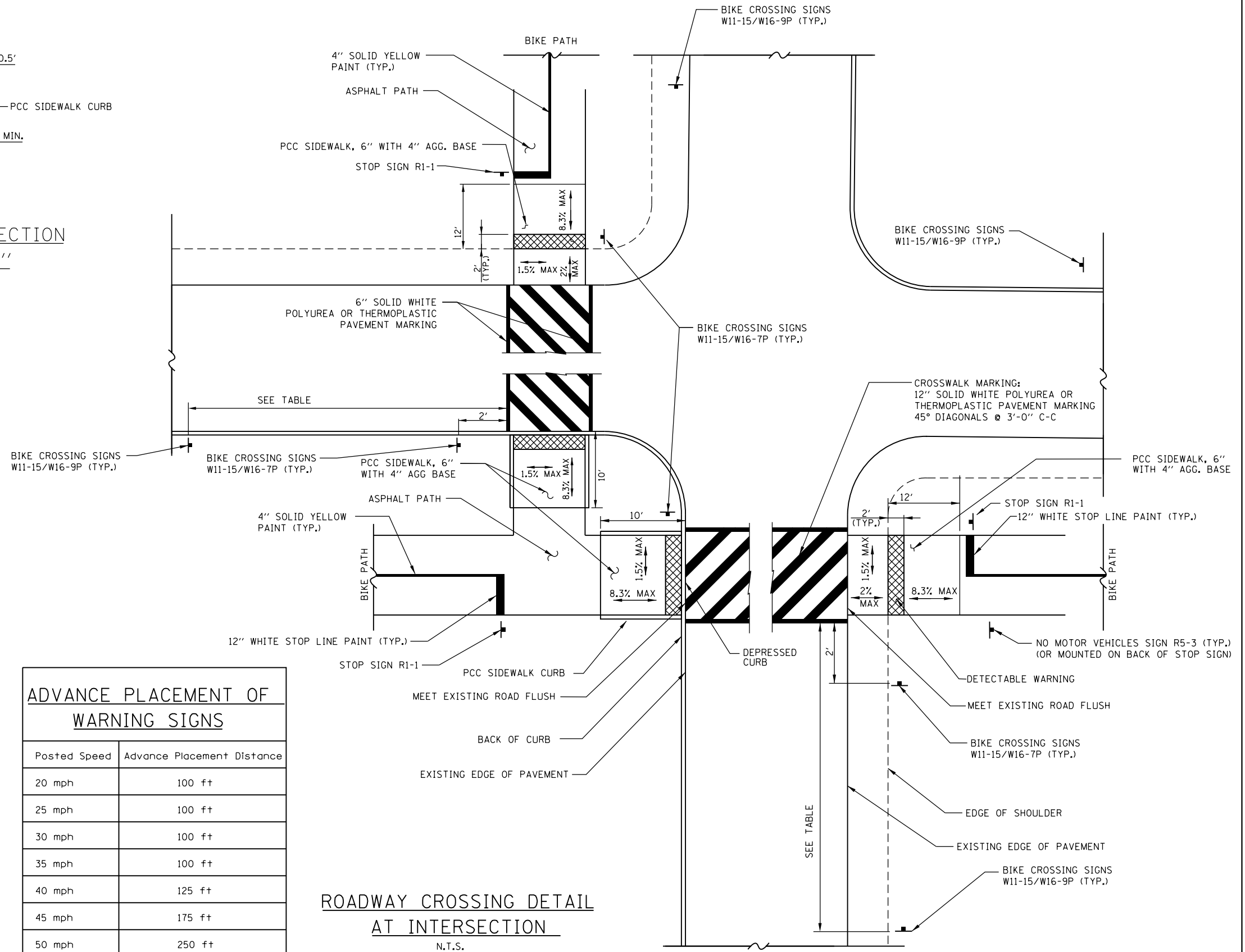
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NO. 1	
	NO. 2	
	NO. 3	
	NO. 4	
	NO. 5	
	NO. 6	
	NO. 7	
	NO. 8	
	NO. 9	
	NO. 10	



<p>303 East Wacker Drive, Suite 1400, Chicago, IL 60601 T 1-312-373-7700 F 1-312-373-6800</p>	USER NAME = ken.moy	DESIGNED - KLM	REVISED -	<p><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)</b> <b>PLAN AND PROFILE</b></p>			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1"	CHECKED - BMC	REVISED -		REVISED -	08-00178-03-BT	COOK	61	27		
PLOT DATE = 8/19/2019	DATE = JULY 29, 2019	REVISED -	REVISED -	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 61F17		



PROPOSED TYPICAL SECTION  
PCC SIDEWALK 6"



ROADWAY CROSSING DETAIL  
AT INTERSECTION  
N.T.S.

ADVANCE PLACEMENT OF WARNING SIGNS	
Posted Speed	Advance Placement Distance
20 mph	100 ft
25 mph	100 ft
30 mph	100 ft
35 mph	100 ft
40 mph	125 ft
45 mph	175 ft
50 mph	250 ft
55 mph	325 ft

FILE NAME = P:\Blue Island\26367145\_Cal-SagTrail\Phase 2\Roadway\BlueIslandWest\Details\Details 01-Intersection Details.dgn



USER NAME = kenuoy	DESIGNED - KLM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KLM	REVISED -
PLOT DATE = 8/19/2019 2:52:01 PM	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
SIDEWALK AND INTERSECTION DETAILS

SHEET NO. OF SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	28
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

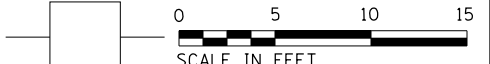
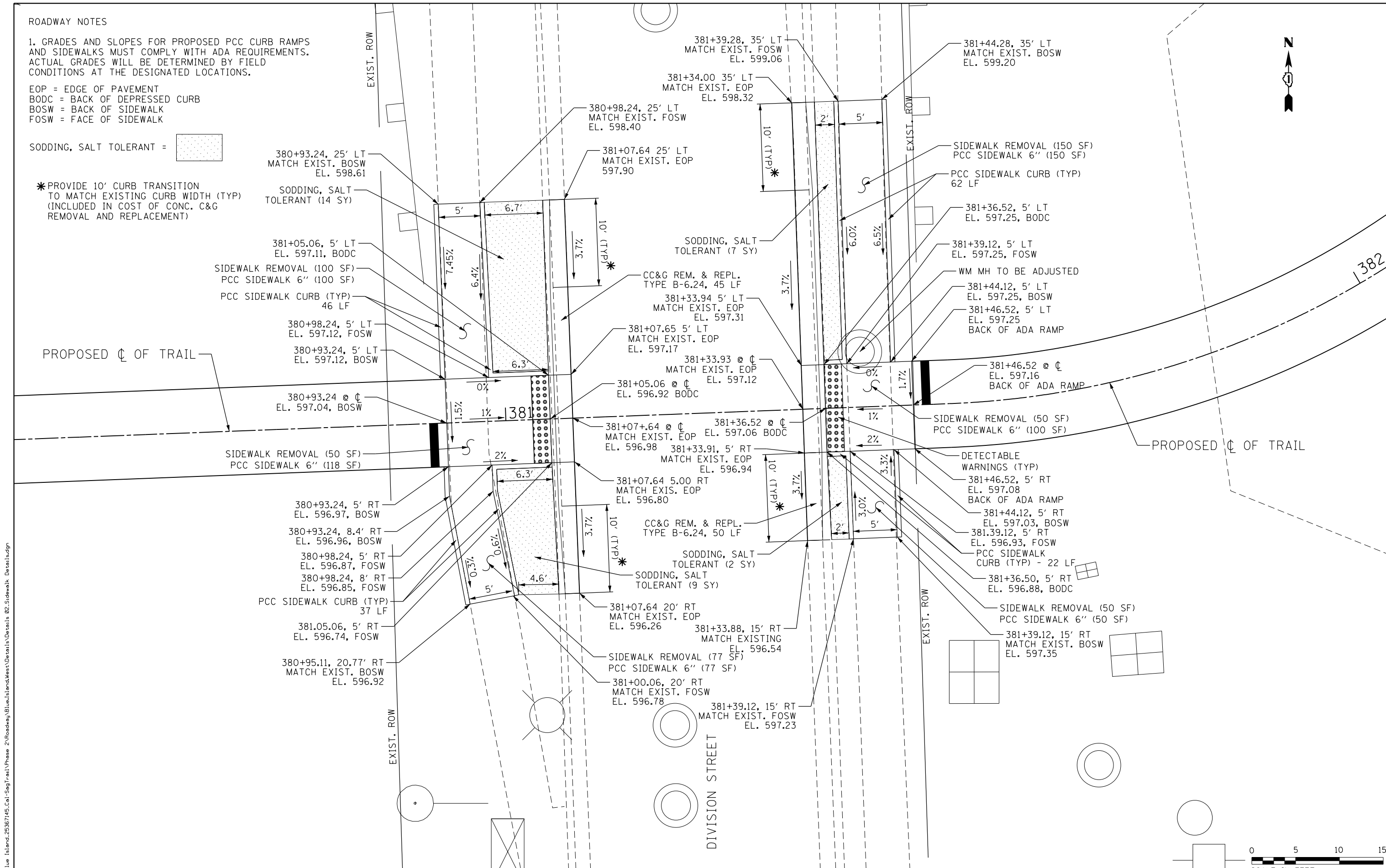
**ROADWAY NOTES**

1. GRADES AND SLOPES FOR PROPOSED PCC CURB RAMPS AND SIDEWALKS MUST COMPLY WITH ADA REQUIREMENTS. ACTUAL GRADES WILL BE DETERMINED BY FIELD CONDITIONS AT THE DESIGNATED LOCATIONS.

EOP = EDGE OF PAVEMENT  
 BODC = BACK OF DEPRESSED CURB  
 BOSW = BACK OF SIDEWALK  
 FOSW = FACE OF SIDEWALK

SODDING, SALT TOLERANT = 

\* PROVIDE 10' CURB TRANSITION TO MATCH EXISTING CURB WIDTH (TYP) (INCLUDED IN COST OF CONC. C&G REMOVAL AND REPLACEMENT)



FILE NAME = P:\Blue Island\26367145\_Cal-SagTrail\Phase 2\Roadway\BlueIslandWest\Details\Details 02\_Sidewalk\_Details.dgn



USER NAME = kenuoy	DESIGNED - KLM	REVISED -
DRAWN - KLM	REVISIONS -	
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PLOT DATE = 8/19/2019 2:52:03 PM	DATE - JULY 29, 2019	REVISIONS -

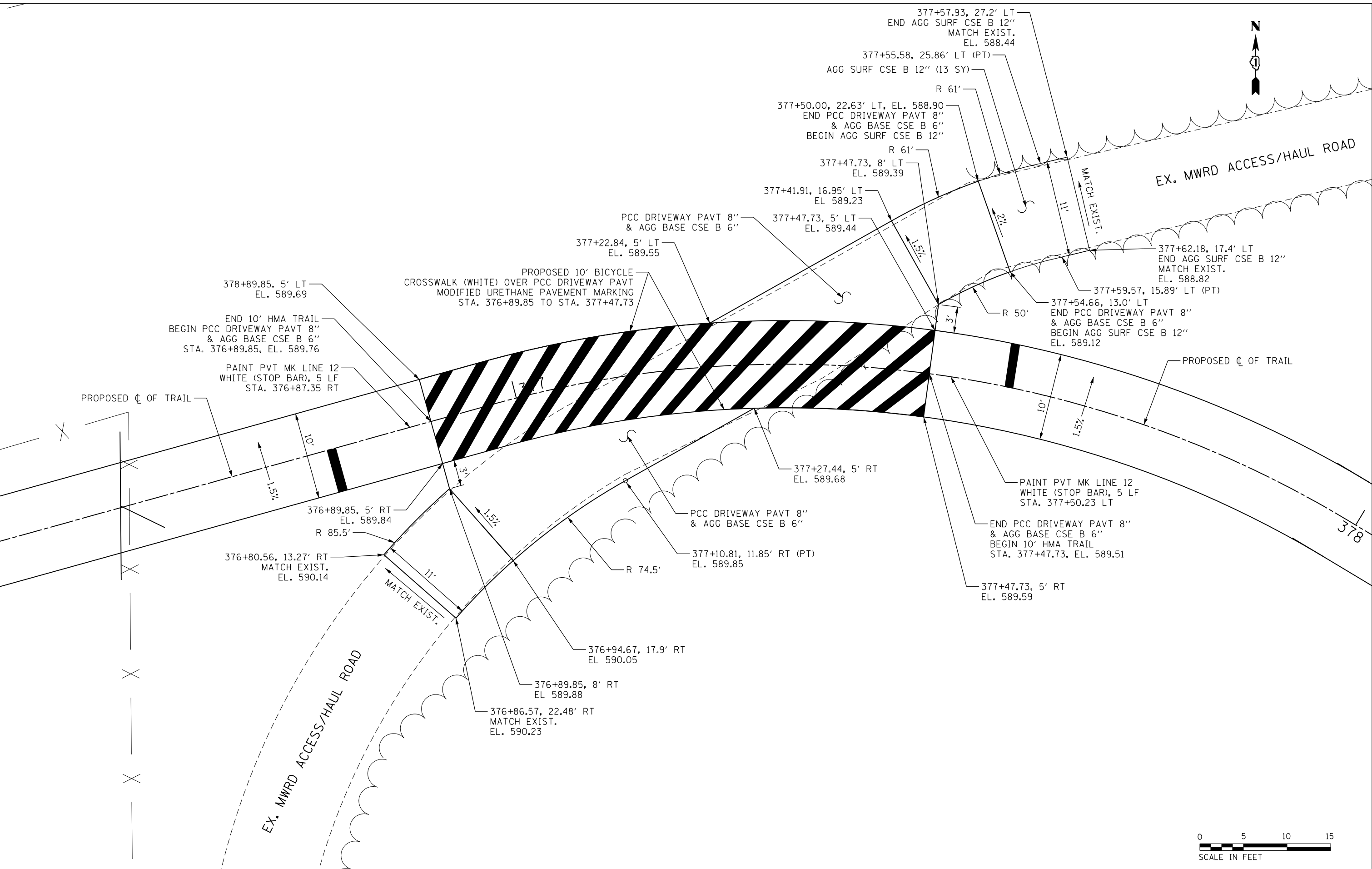
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 SIDEWALK DETAILS**

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	29
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

SHEET NO. OF SHEETS STA. TO STA.

FILE NAME = P:\Blue Island\26367145\_Cal-SagTrail\Phase 2\Roadway\BlueIslandWest\Details\Details 03\_Sidewalk\_Details.dgn



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
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PLOT SCALE = 10.0000' / in.	CHECKED - BMC	REVISED -
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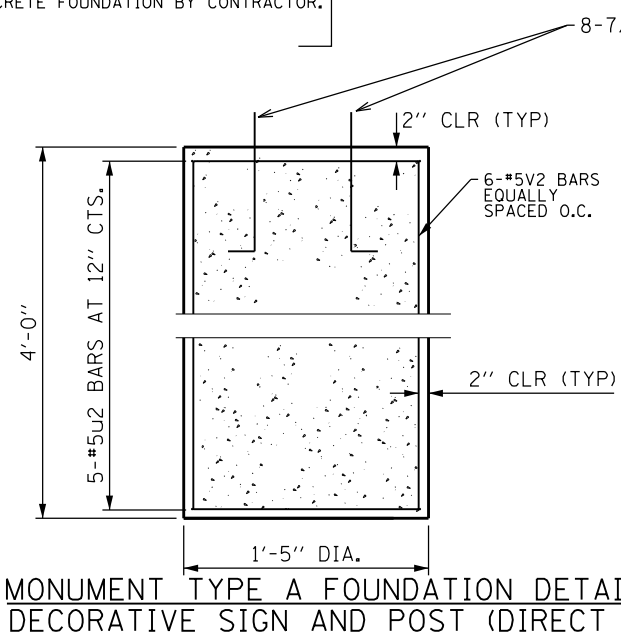
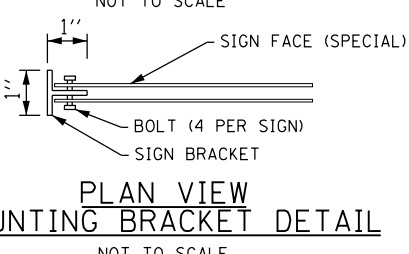
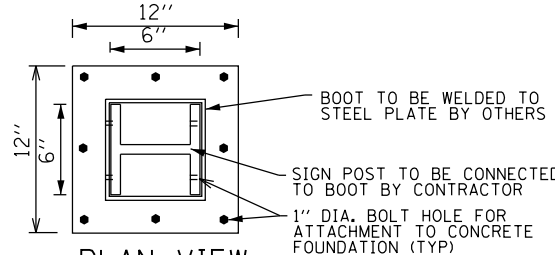
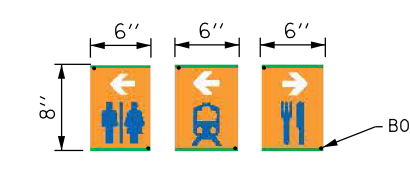
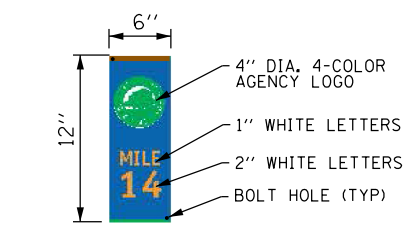
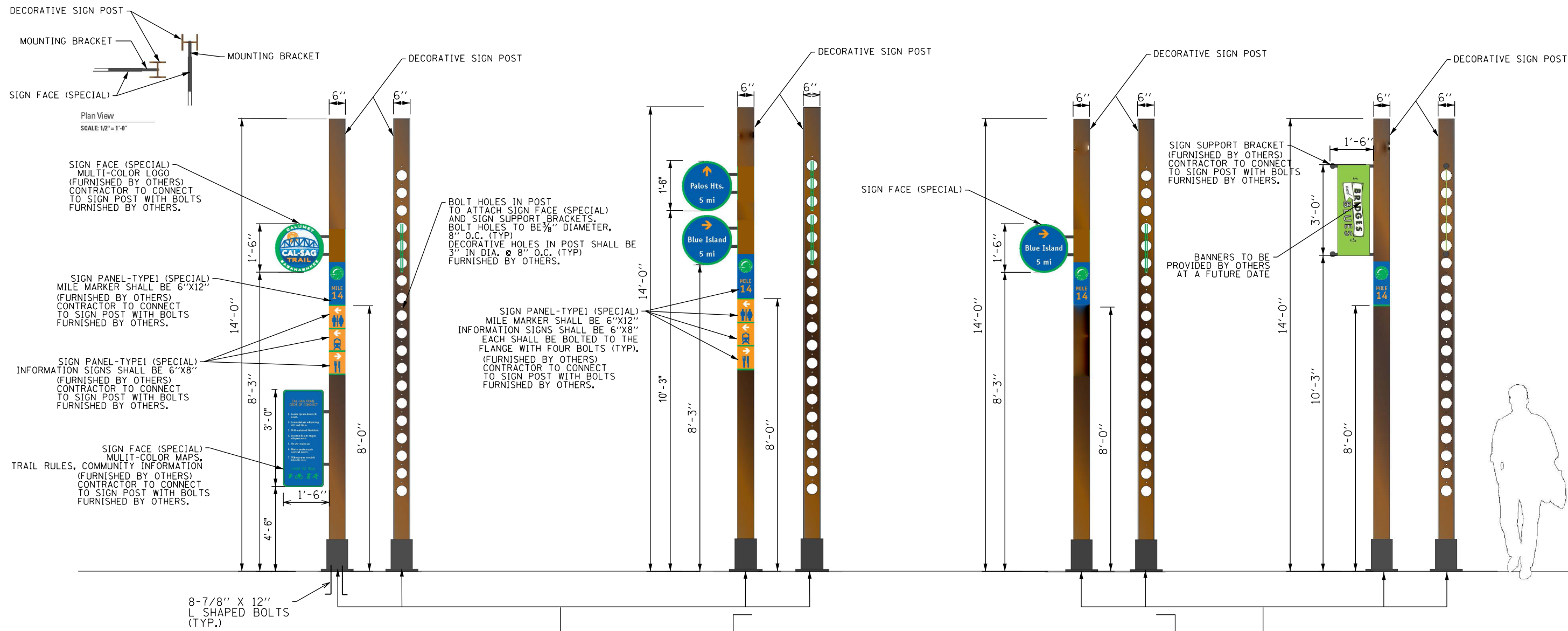
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
DETAILS - MWRD ACCESS ROAD (PCC DRIVEWAY PAVEMENT)

SHEET NO.	OF SHEETS	STA.	TO STA.
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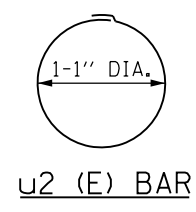
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	30
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			





**BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
v2(E)	6	#5	3'-8"	—
u2(E)	5	#5	3'-11"	○
CONCRETE STRUCTURE			Cu. Yd.	0.2
REINFORCEMENT BARS, EPOXY COATED			POUND	60



**NOTE:**  
DECORATIVE SIGN POSTS AND ALL ASSOCIATED AND APPLICABLE SIGN PANEL-LOGOS, SIGN PANELS, SIGN SUPPORT BRACKETS, MOUNTING BRACKETS, AND BASE PLATES ARE FURNISHED BY OTHERS FOR THIS CONTRACT.

FILE NAME = P:\Blue Island\Blue Island West Segment\Details\04\_SignPost.dgn



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 4.0000' / in.	DRAWN - KLM	REVISED -
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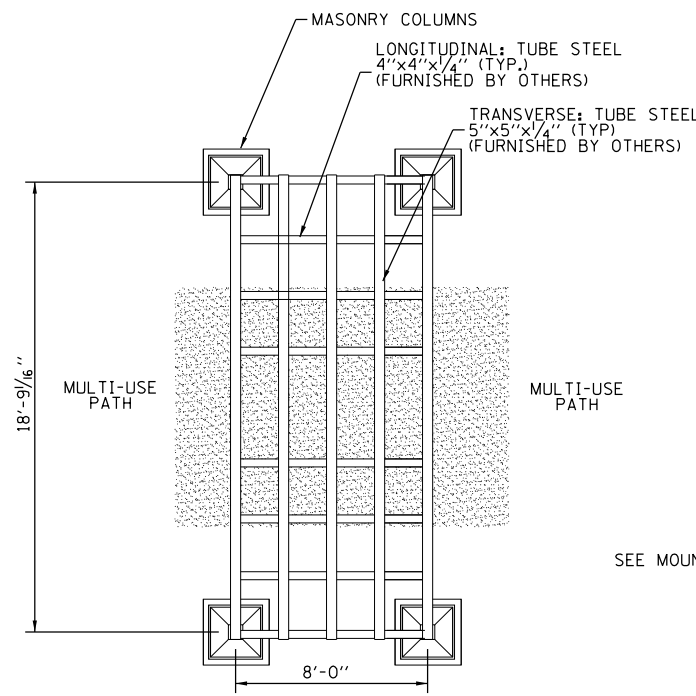
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
DECORATIVE SIGN AND POST ASSEMBLY DETAILS**

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	31
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

SHEET NO. OF SHEETS STA. TO STA.

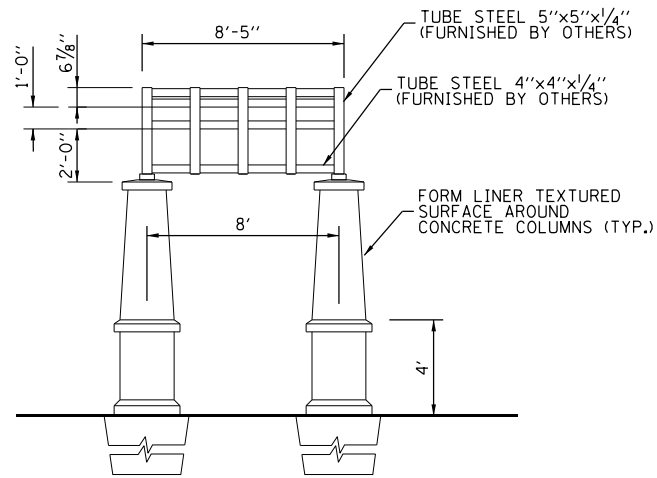




PLAN VIEW  
SCALE: 1/4" = 1' - 0"

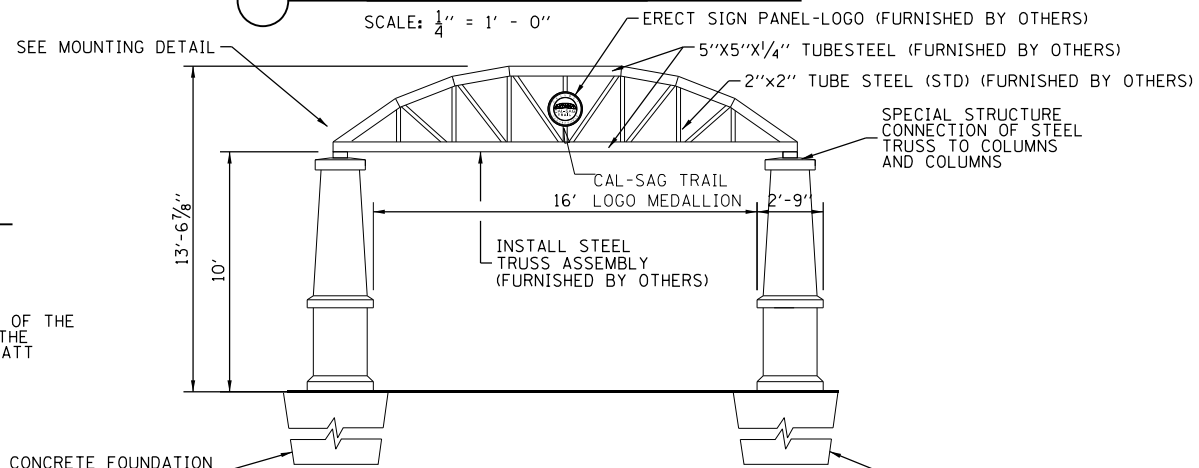
NOTES:  
THIS SCHEME CELEBRATES THE ICONIC STEEL TRUSS BRIDGES OF THE CALUMET-SAG CHANNEL. THE COLUMNAR ELEMENTS SYMBOLIZE THE ABUTMENTS AND THE LATTICE STRUCTURES MIMIC THE LOW PRATT TRUSS - FULL SLOPE BRIDGE DESIGN.

STEEL TRUSS TO BE ASSEMBLED BY OTHERS PRIOR TO INSTALLATION. ALL CONNECTIONS TO BE WELDED, EXCEPT WHERE SHOWN.



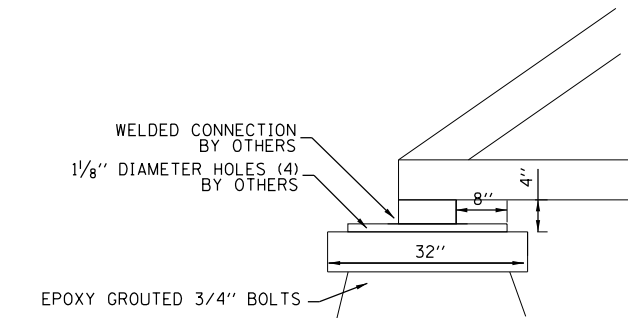
SIDE ELEVATION

SCALE: 1/4" = 1' - 0"

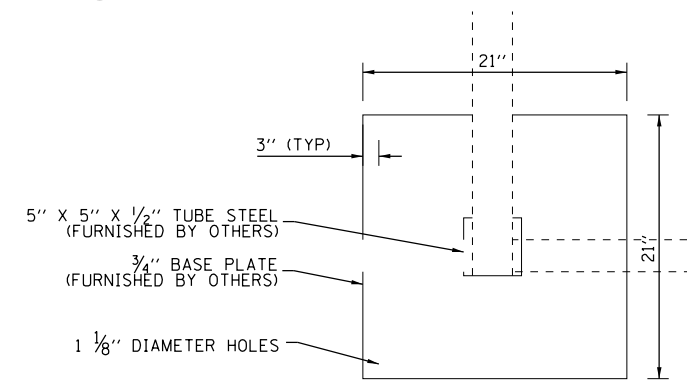


FRONT / REAR ELEVATION

SCALE: 1/4" = 1' - 0"



MOUNTING DETAIL  
NOT TO SCALE



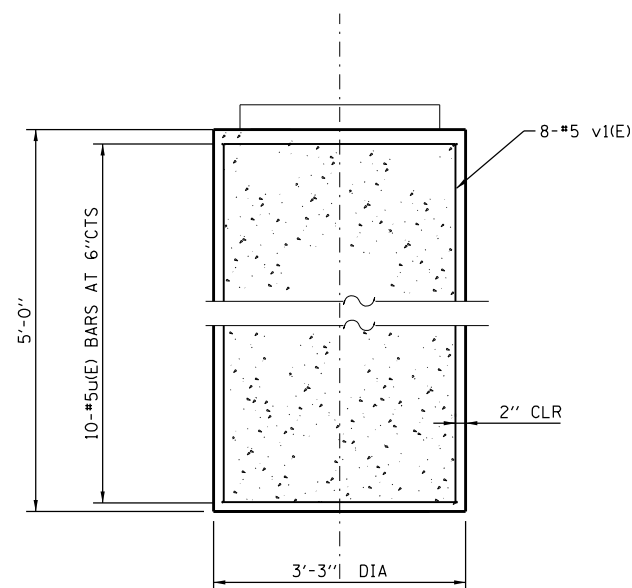
BASE PLATE PLAN VIEW  
NOT TO SCALE

SIZE OF LETTERS SHALL BE 1" MINIMUM (UPPER CASE)



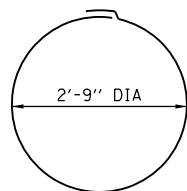
STAMPED GALVANIZED STEEL (ONE SIDE STAMPED)

DECORATIVE GATEWAY ELEMENT



BILL OF MATERIAL

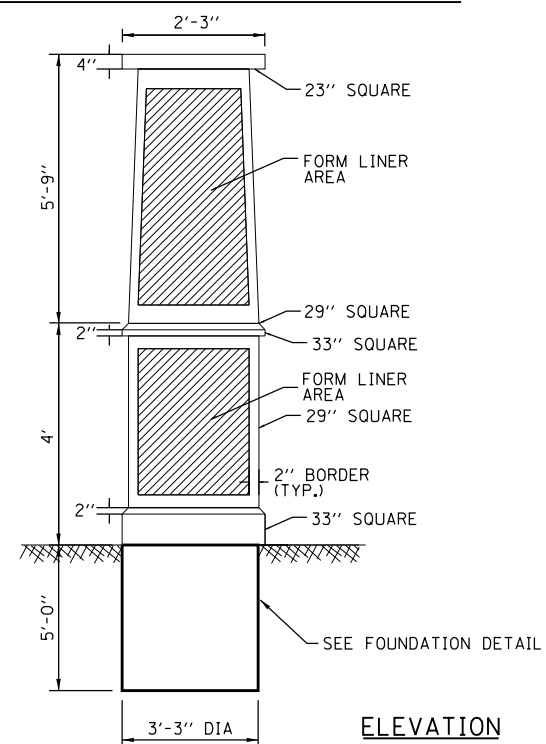
BAR	NO.	SIZE	LENGTH	SHAPE
v1(E)	8	#5	4'-8"	—
u1(E)	10	#5	12'-0"	○
CONCRETE STRUCTURE			CU. YD.	1.5
STRUCTURE EXCAVATION			CU. YD.	4.0
REINFORCEMENT BARS, EPOXY COATED			POUND	170



u1 (E) BAR

DECORATIVE GATEWAY ELEMENT & GATEWAY MONUMENT SIGN COMPLETE FOUNDATION DETAILS

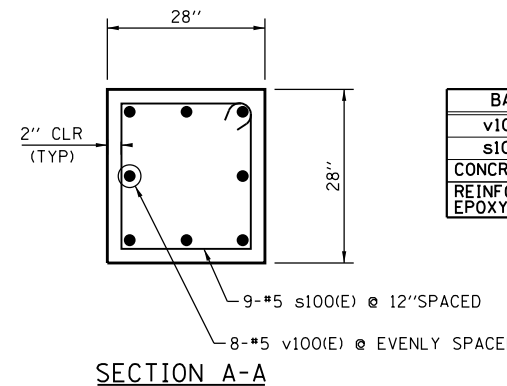
NOT TO SCALE



ELEVATION

DECORATIVE GATEWAY ELEMENT LOGO DETAIL

NOT TO SCALE FURNISHED BY OTHERS



SECTION A-A

BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
v100(E)	8	#5	14'-4"	—
s100(E)	9	#5	8'-6"	□
CONCRETE STRUCTURE			CU. YD.	2.0
REINFORCEMENT BARS, EPOXY COATED			POUND	200

DECORATIVE GATEWAY ELEMENT CONCRETE COLUMN DETAILS

NOT TO SCALE



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 8.0000' / in.	DRAWN - KLM	REVISED -
PLOT DATE = 8/19/2019 2:52:10 PM	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

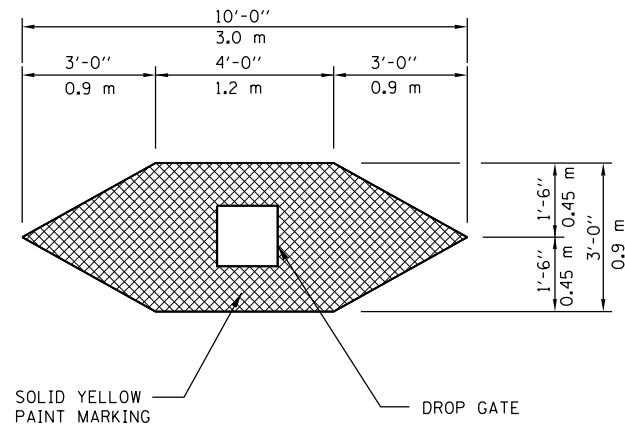
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
DECORATIVE GATEWAY ELEMENT & MONUMENT DETAILS

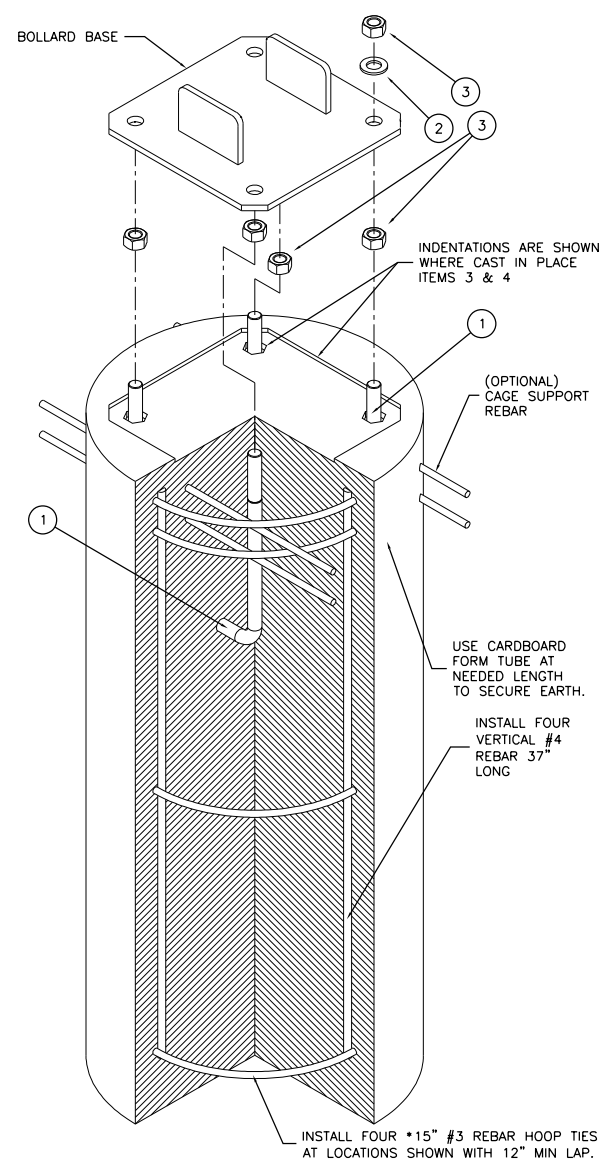
SHEET NO. OF SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	32
CONTRACT NO. 61F17			

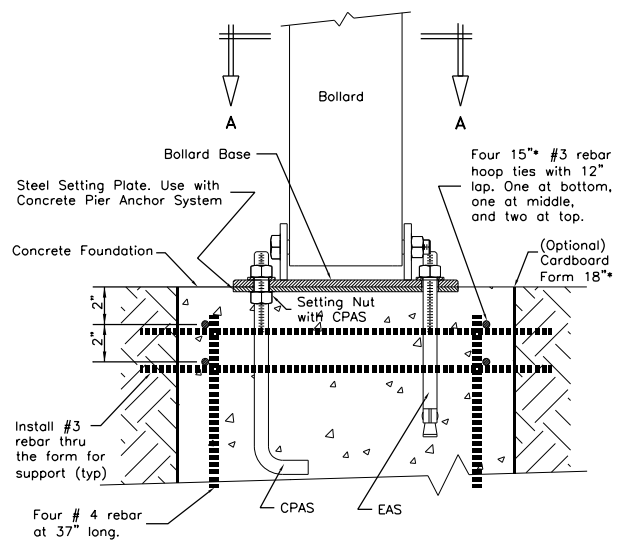
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



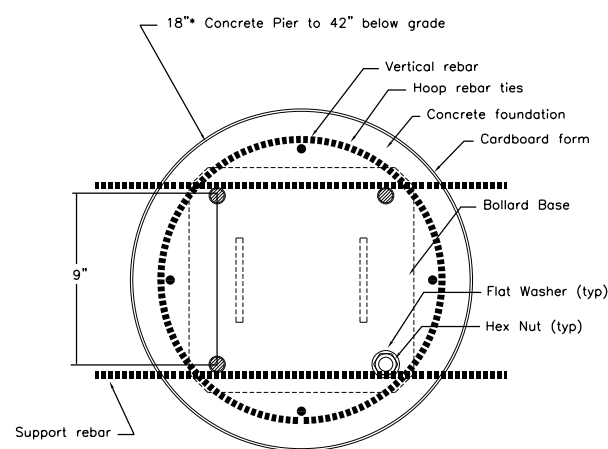
**DROP GATE MARKING DETAIL**  
N.T.S.



**CONCRETE PIER ANCHOR SYSTEM (CPAS)**

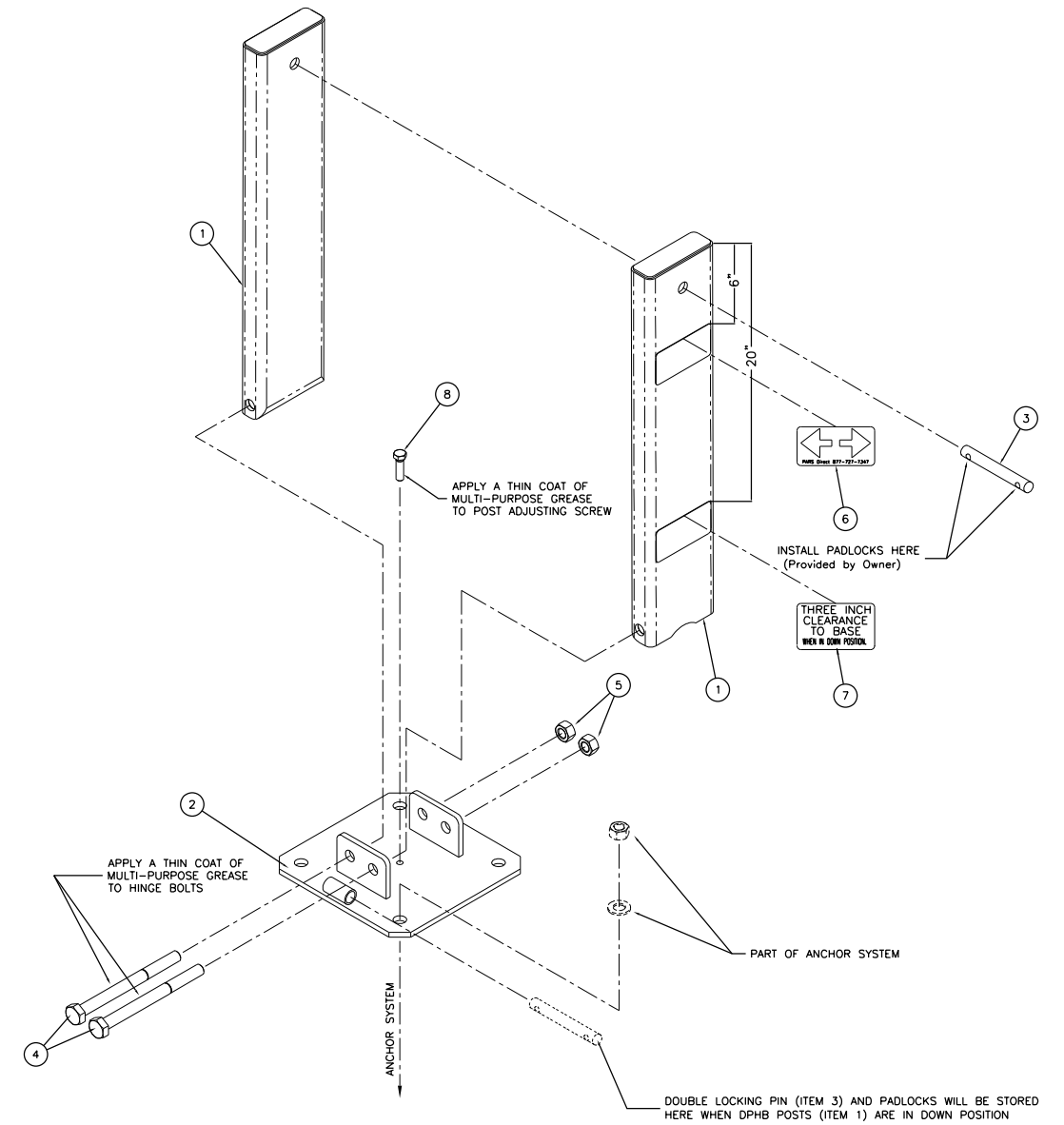


**FRONT ELEVATION SECTION**



**PLAN SECTION "A-A"**

**DROP GATE, INSTALLATION DETAIL**  
N.T.S.



**DROP GATE DETAIL**

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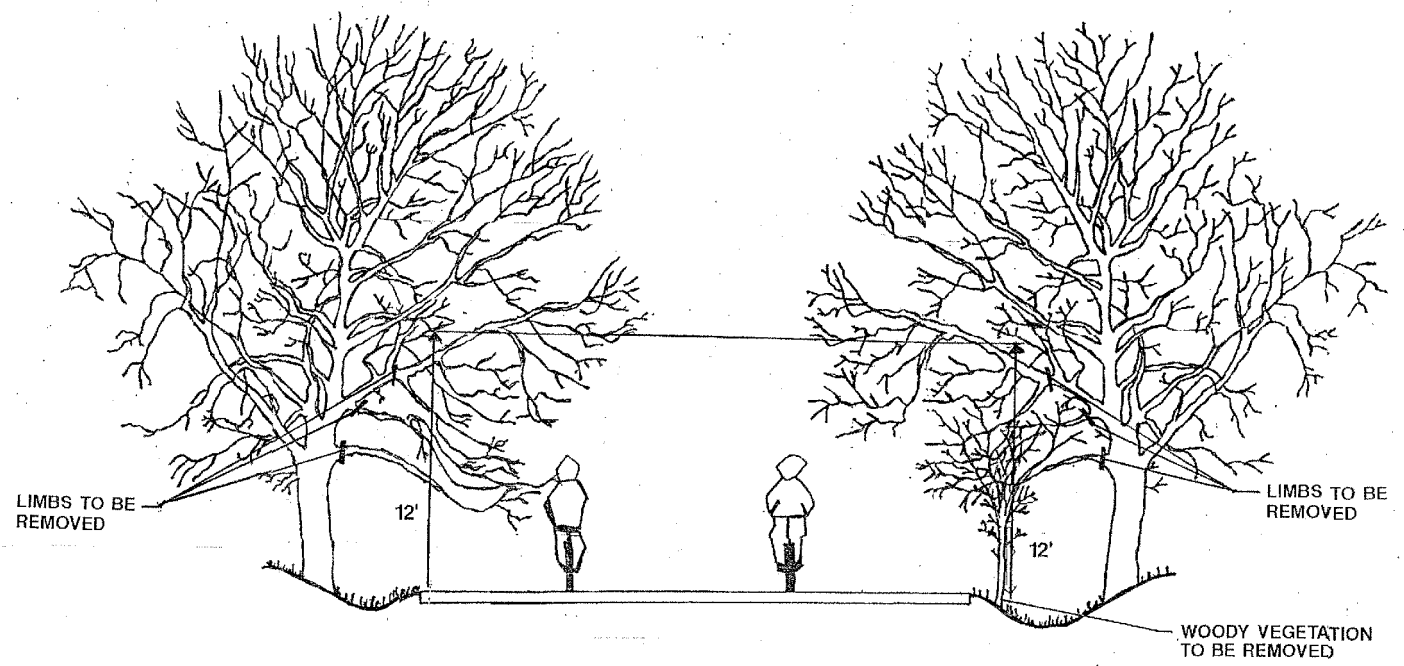
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	DATE - JULY 29, 2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
MISCELLANEOUS DETAILS

SHEET NO. 2 OF 4 SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	33
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

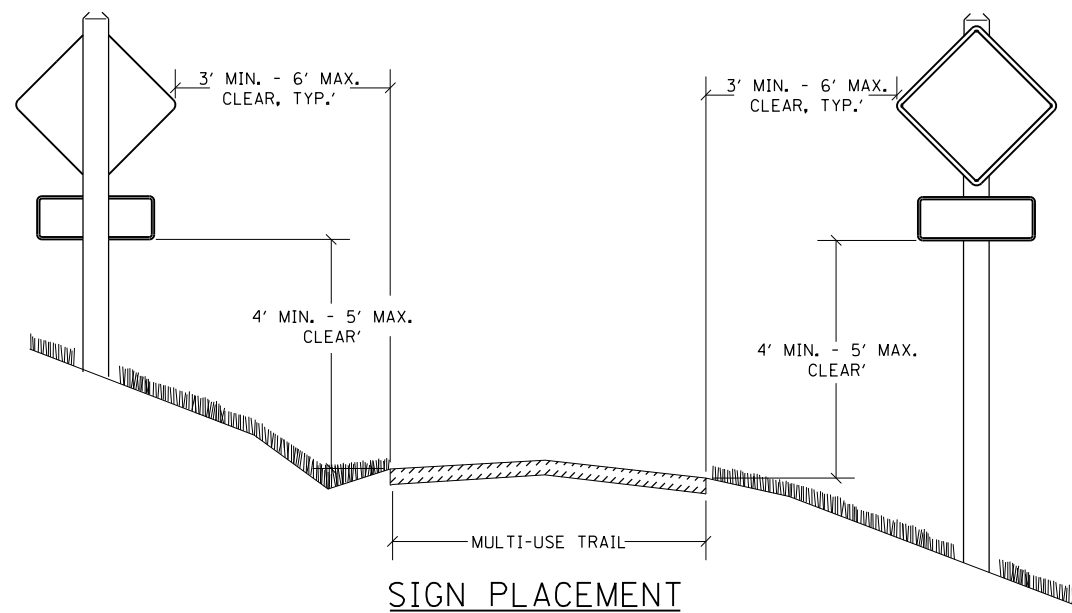


GENERAL NOTES:

1. THE NATIONAL ARBORIST ASSOCIATION'S PRUNING STANDARDS FOR SHADE TREES CLASS II - STANDARD PRUNING SPECIFICATIONS SHALL BE FOLLOWED.
2. SEE SECTION 201 OF THE SSRBC FOR CLEARING, TREE REMOVAL & PROTECTION, CARE AND REPAIR OF EXISTING PLANT MATERIAL REQUIREMENTS.

PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE

N.T.S.



SIGN PLACEMENT

N.T.S.

FILE NAME = P:\Blue Island\26367145\_Cal-SagTrail\Phase 2\Roadway\BlueIslandWest\Details\Details 07\_Miscellaneous.dgn



USER NAME = kenvoy	DESIGNED - KLM	REVISED -
	DRAWN - KLM	REVISED -
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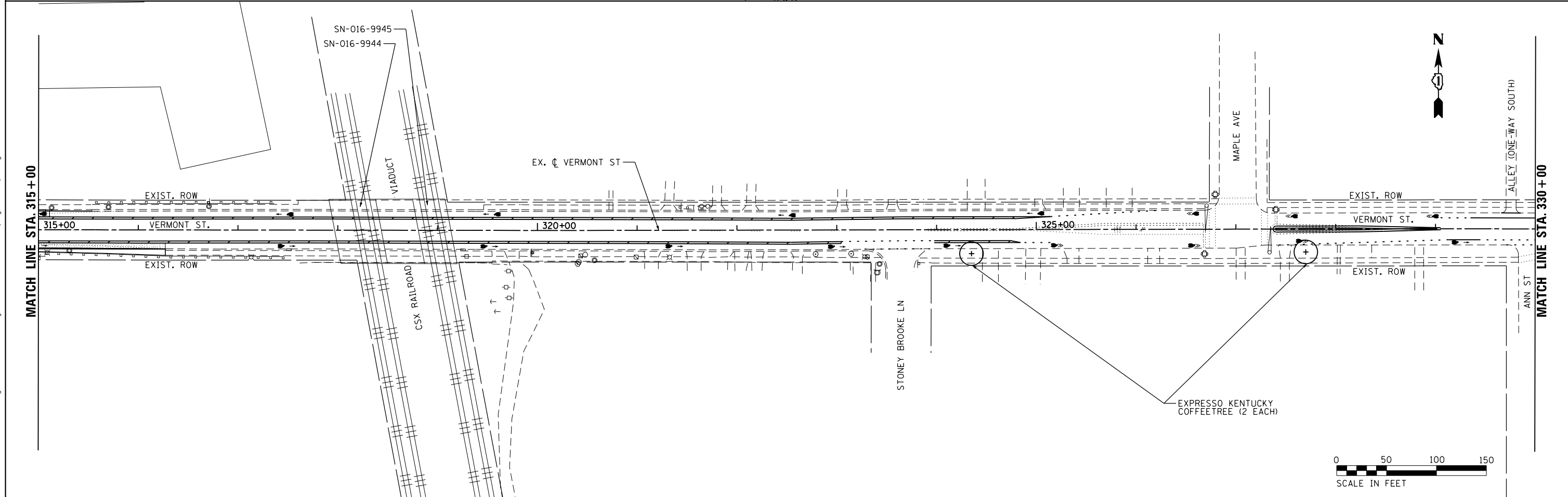
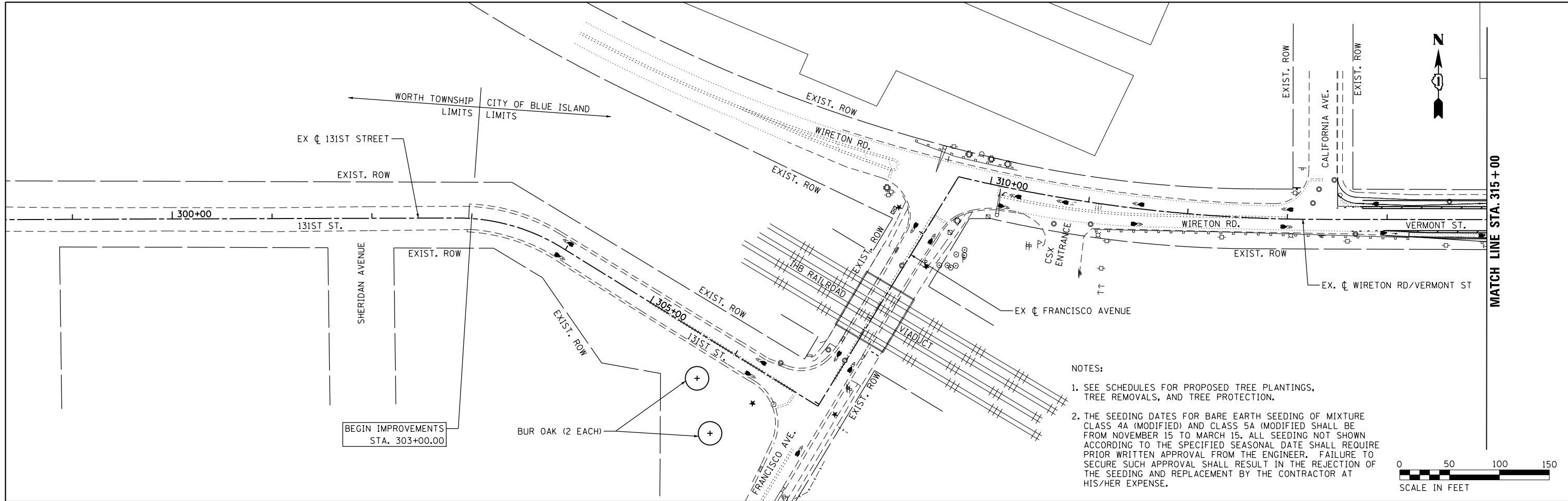
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
MISCELLANEOUS DETAILS

SHEET NO. OF SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	34
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

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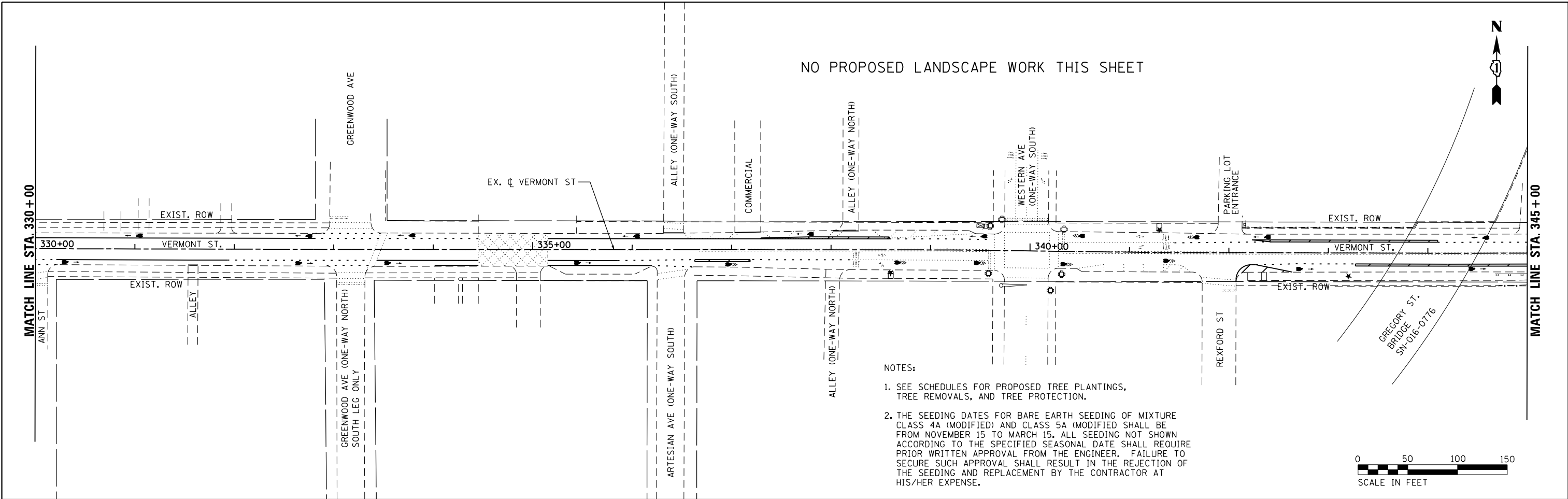
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
LANDSCAPE PLAN

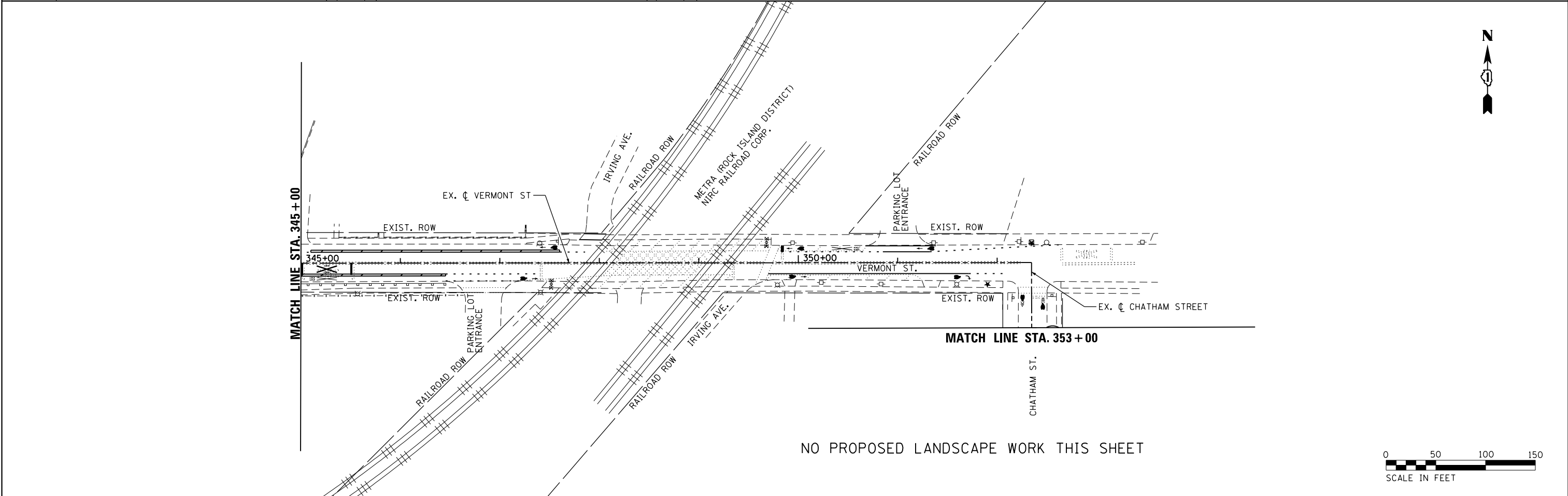
SHEET NO.	OF SHEETS	STA.	TO STA.
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SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	35
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

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- NOTES:
1. SEE SCHEDULES FOR PROPOSED TREE PLANTINGS, TREE REMOVALS, AND TREE PROTECTION.
  2. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4A (MODIFIED) AND CLASS 5A (MODIFIED) SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.



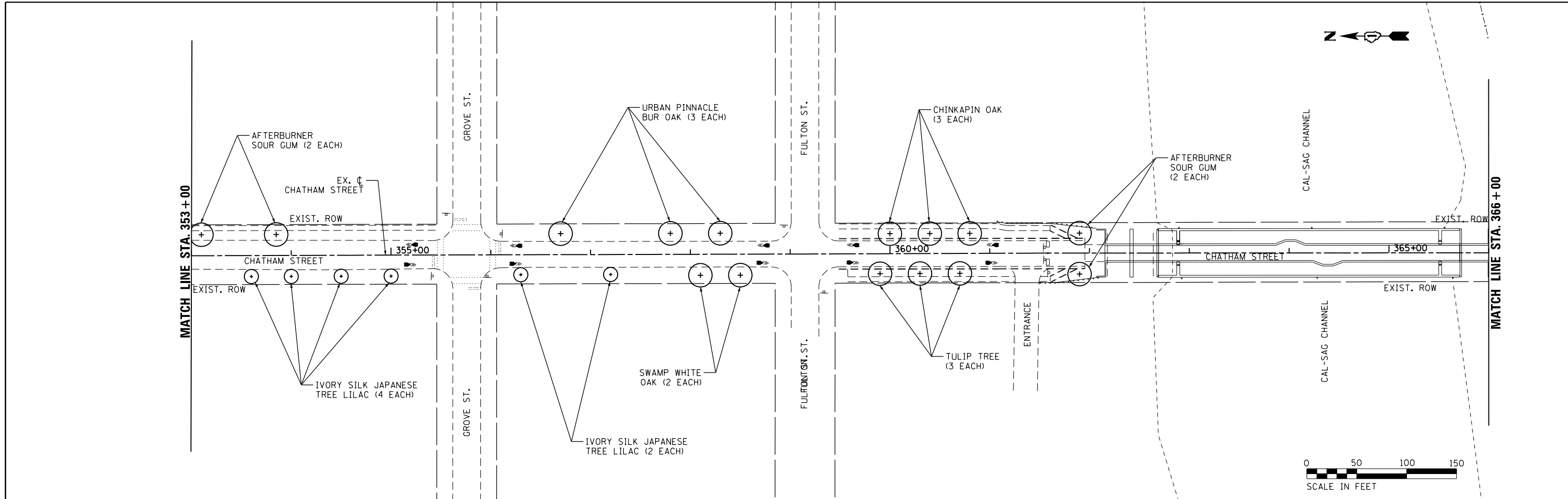
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

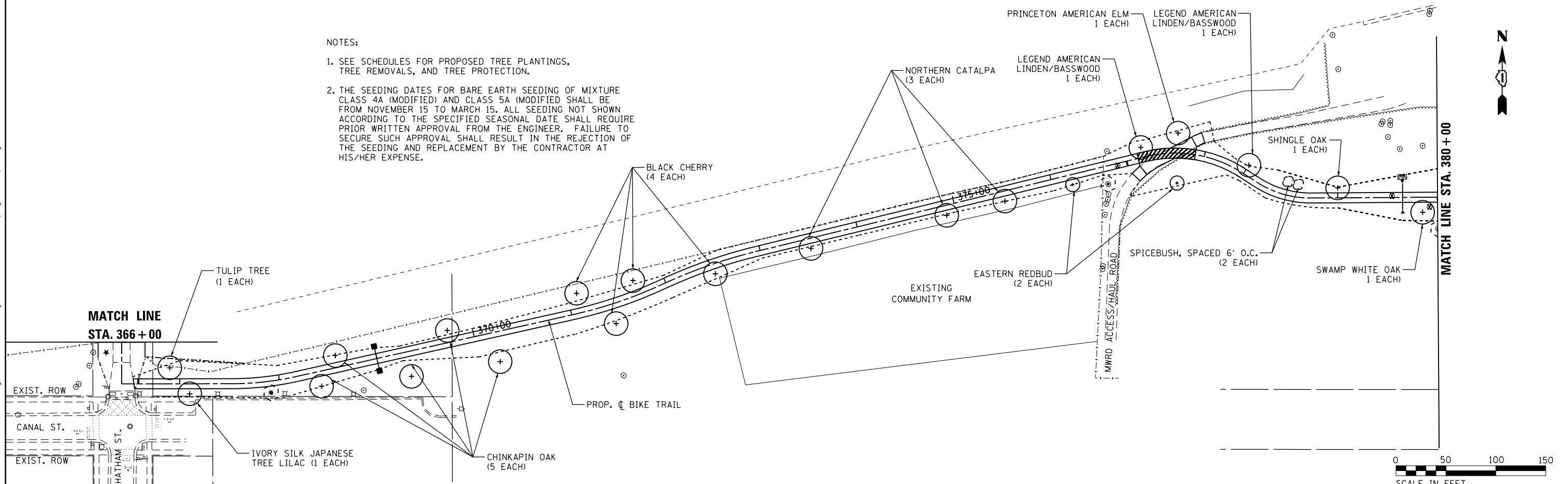
CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
LANDSCAPE PLAN

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	36
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

SHEET NO. OF SHEETS STA. TO STA.



- NOTES:
1. SEE SCHEDULES FOR PROPOSED TREE PLANTINGS, TREE REMOVALS, AND TREE PROTECTION.
  2. THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4A (MODIFIED) AND CLASS 5A (MODIFIED) SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.



FILE NAME = P:\Blue Island\26367145\_Cal-SagTrail\Phase 2\Roadway\BlueIslandWest\Landscaping\_Landscape.dgn



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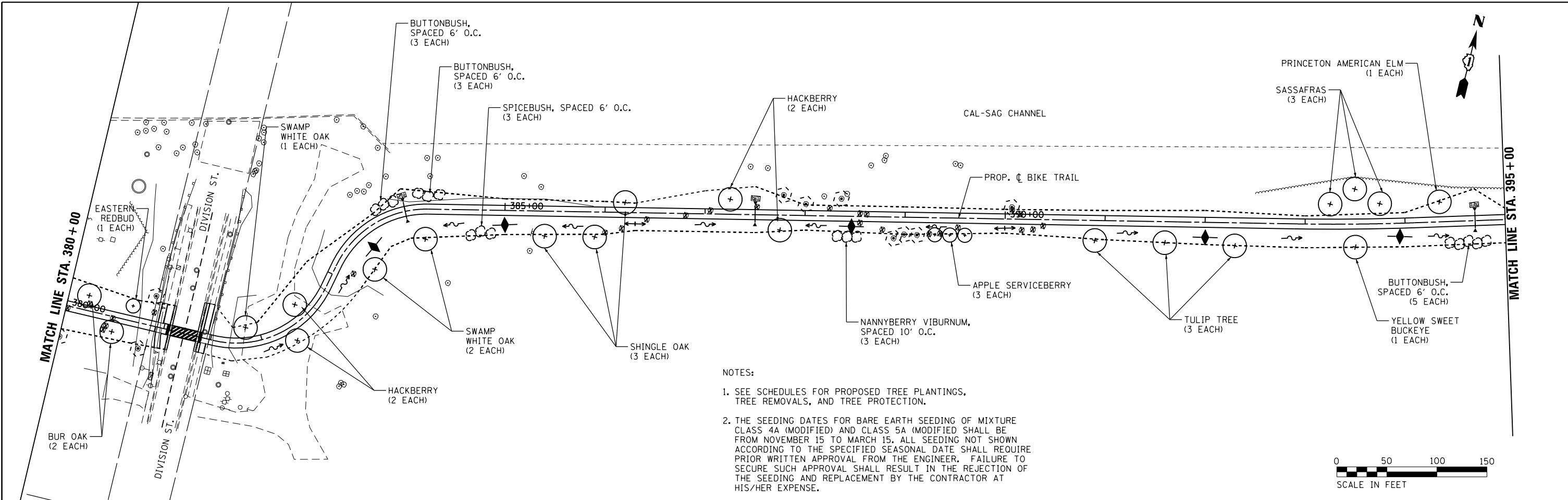
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DRAWN - KLM	REVISED -
CHECKED - BMC	REVISED -
DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
 LANDSCAPING PLAN**

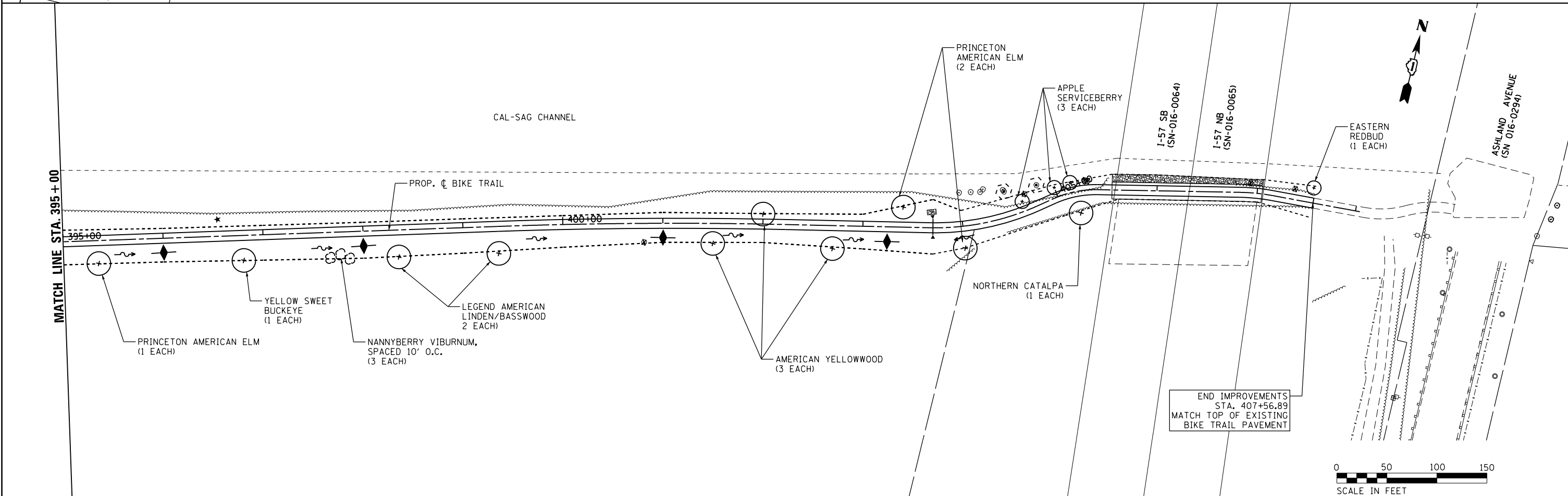
SHEET NO. OF SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	37
CONTRACT NO. 61F17			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



NOTES:

- SEE SCHEDULES FOR PROPOSED TREE PLANTINGS, TREE REMOVALS, AND TREE PROTECTION.
- THE SEEDING DATES FOR BARE EARTH SEEDING OF MIXTURE CLASS 4A (MODIFIED) AND CLASS 5A (MODIFIED) SHALL BE FROM NOVEMBER 15 TO MARCH 15. ALL SEEDING NOT SHOWN ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL SHALL RESULT IN THE REJECTION OF THE SEEDING AND REPLACEMENT BY THE CONTRACTOR AT HIS/HER EXPENSE.



END IMPROVEMENTS  
STA. 407+56.89  
MATCH TOP OF EXISTING  
BIKE TRAIL PAVEMENT

FILE NAME = P:\Blue Island\_25367145\_Cal-SagTrail\Phase 2\Roadway\BlueIslandWest\Landscape\Landscaping.dgn



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - KLM	REVISED -
PLOT DATE = 8/19/2019 2:52:23 PM	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND WEST SEGMENT)  
LANDSCAPE PLAN

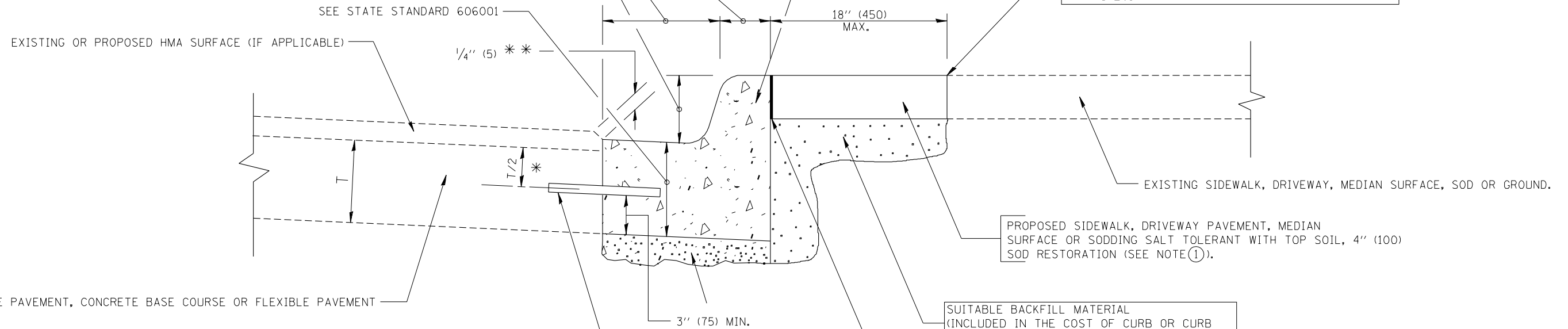
SHEET NO. OF SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	38
CONTRACT NO. 61F17			
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.



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

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.)

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

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

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

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

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

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

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

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

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

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

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

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

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

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

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

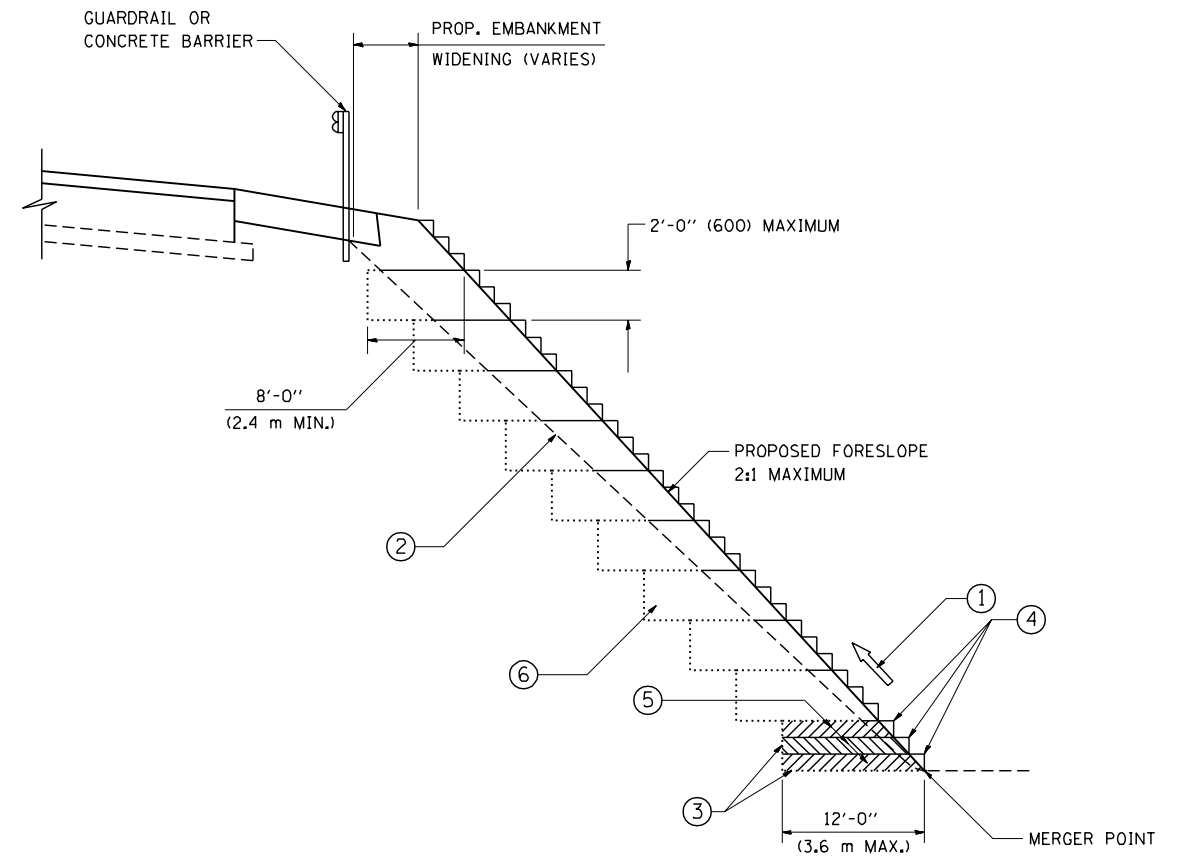
⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

# 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	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\dot\drivakosgn\d0108315\bd24.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01					08-00178-03-BT	COOK	61	39
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 12-15-09			<b>BD600-06 (BD-24)</b>			CONTRACT NO. 61F17			
PLOT DATE = 12/15/2009	DATE - 03-11-94				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT		





TYPICAL BENCHING DETAIL  
FOR EMBANKMENT

**NOTES:**

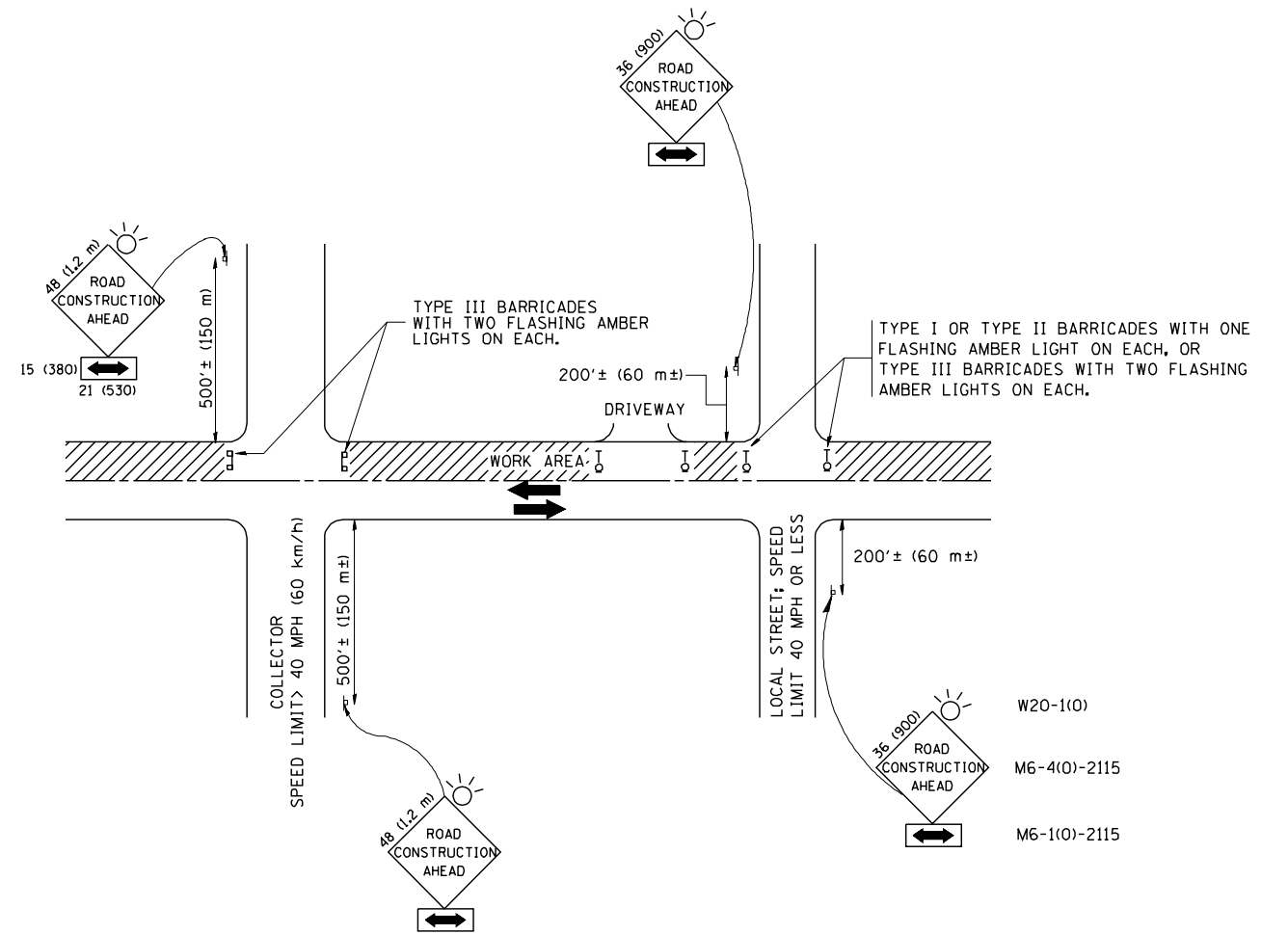
- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

FILE NAME = W:\diststd\22x34\bd51.dgn	USER NAME = gagliarobt	DESIGNED -	REVISED -
		DRAWN - CADD	REVISED -
		CHECKED - S.E.B.	REVISED -
		DATE - 06-16-04	REVISED -

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

<b>BENCHING DETAIL</b>		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>FOR EMBANKMENT WIDENING</b>		08-00178-03-BT	COOK	61	40
		<b>BD-51</b>	CONTRACT NO. 61D27		
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT	



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  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 AND FLAG 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. 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).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

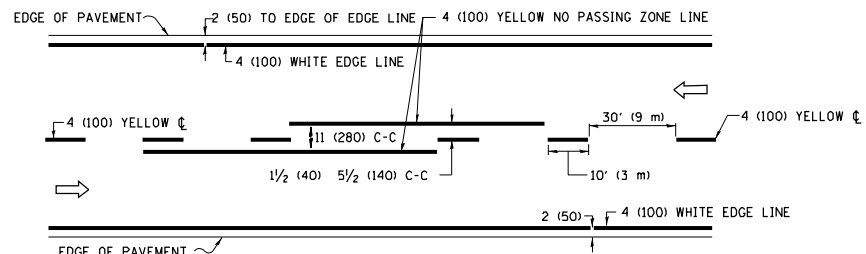
FILE NAME = W:\diststd\22x34\tcl0.dgn	USER NAME = gagliarobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

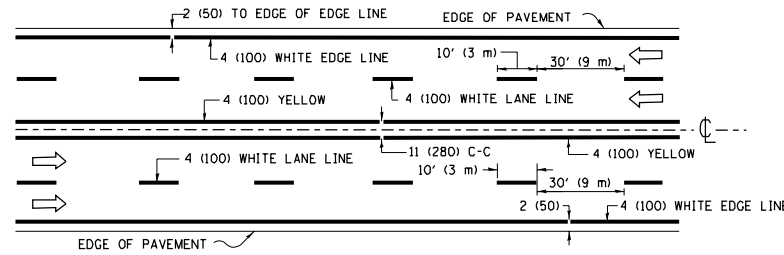
TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

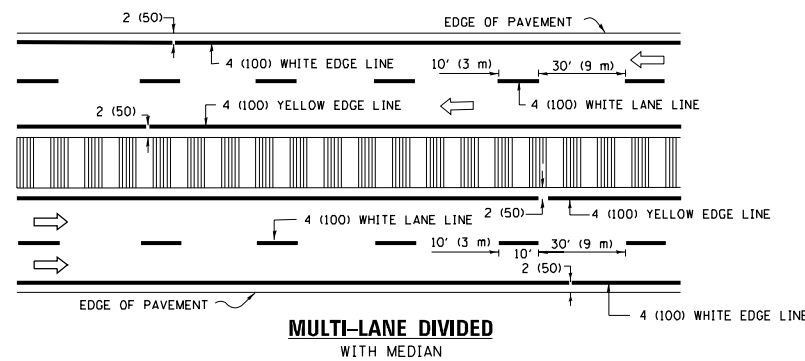
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	41
TC-10		CONTRACT NO. 61F17	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



**2-LANE ROADWAY**

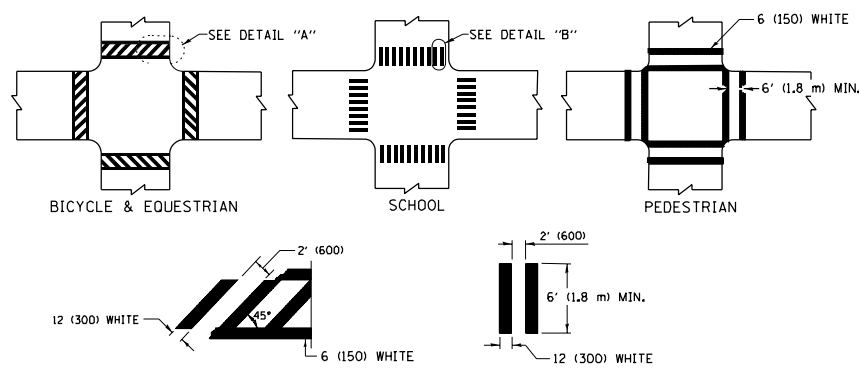


**MULTI-LANE UNDIVIDED**



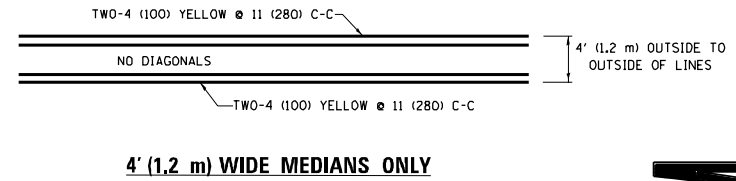
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

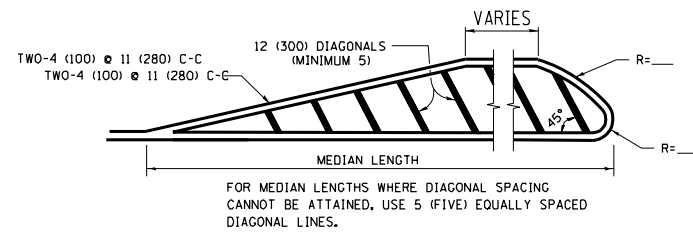


**DETAIL "A" TYPICAL CROSSWALK MARKING**

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

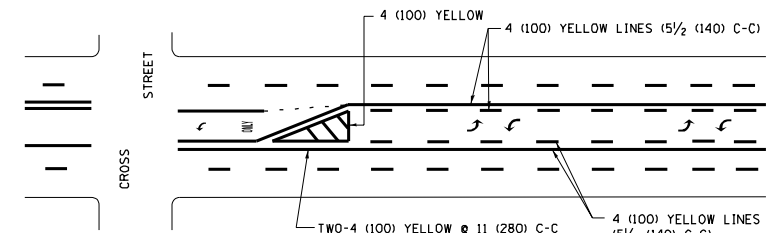


**4' (1.2 m) WIDE MEDIANS ONLY**

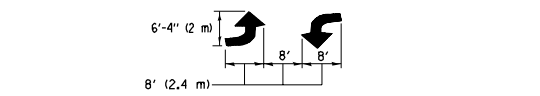


**MEDIANS OVER 4' (1.2 m) WIDE**

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

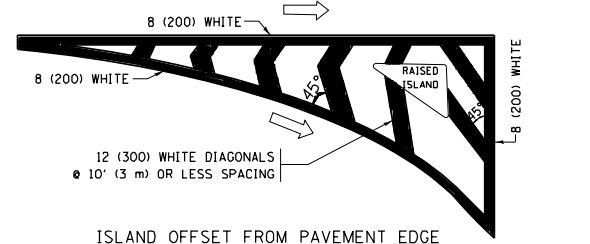


**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**

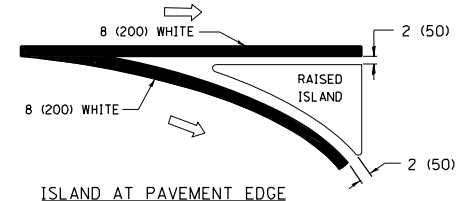


**TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING**

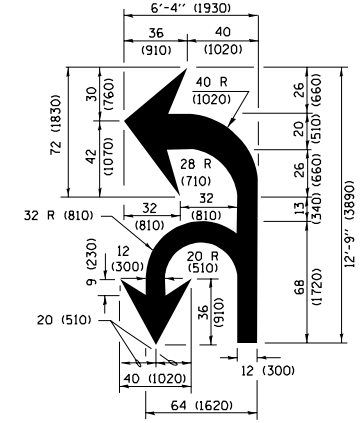
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



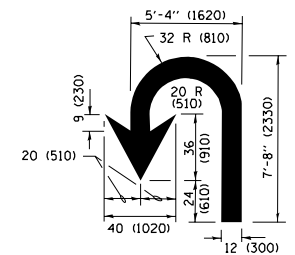
**ISLAND OFFSET FROM PAVEMENT EDGE**



**ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

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

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

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

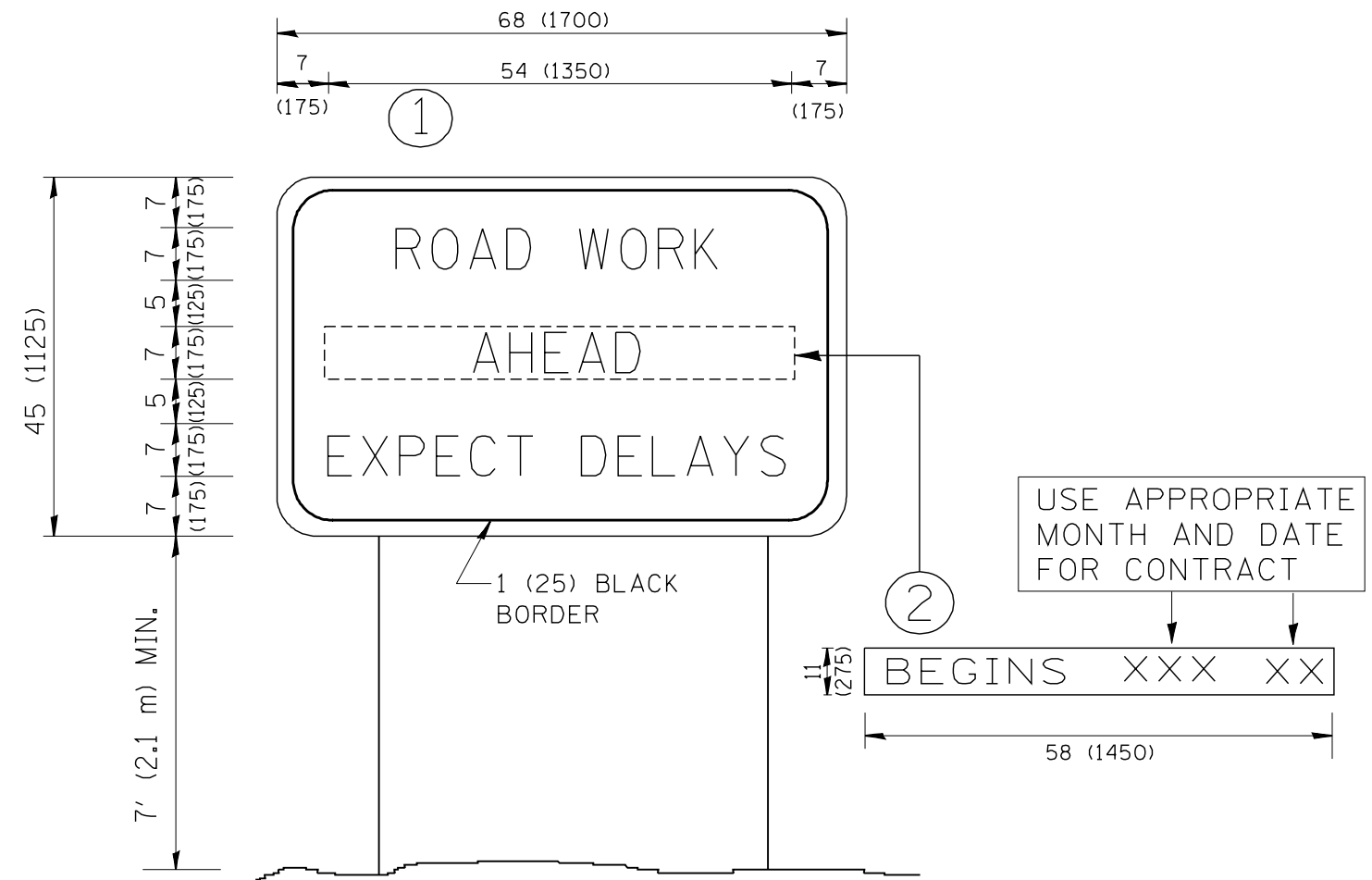
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pwf\1\084EBID\INTEG\11nois.gov\PIW001\Documents\1DOT Offices\District 1\Projects\Dist 1\DRAWN\CADData\CADsheets\tc13.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 50.0000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS			08-00178-03-BT	COOK	61	42
SCALE: NONE		TC-13		CONTRACT NO. 61F17		
SHEET 1 OF 1 SHEETS		ILLINOIS FED. AID PROJECT				



**NOTES:**

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

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

FILE NAME = W:\drststd\22x34\tc22.dgn	USER NAME = geglornobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

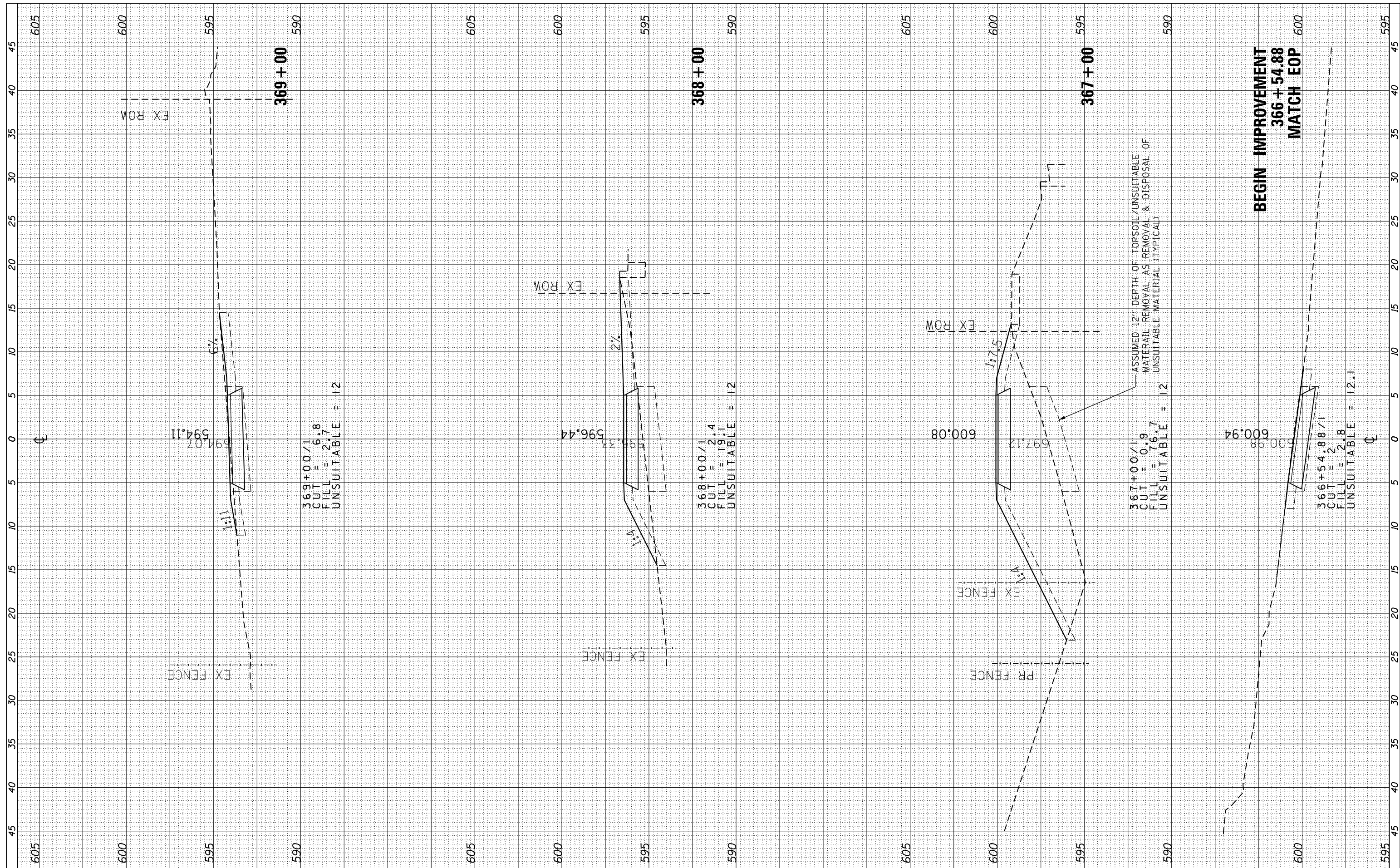
**ARTERIAL ROAD  
INFORMATION SIGN**

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

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00178-03-BT	COOK	61	43
<b>TC-22</b>		CONTRACT NO. 61F17	
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT			

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

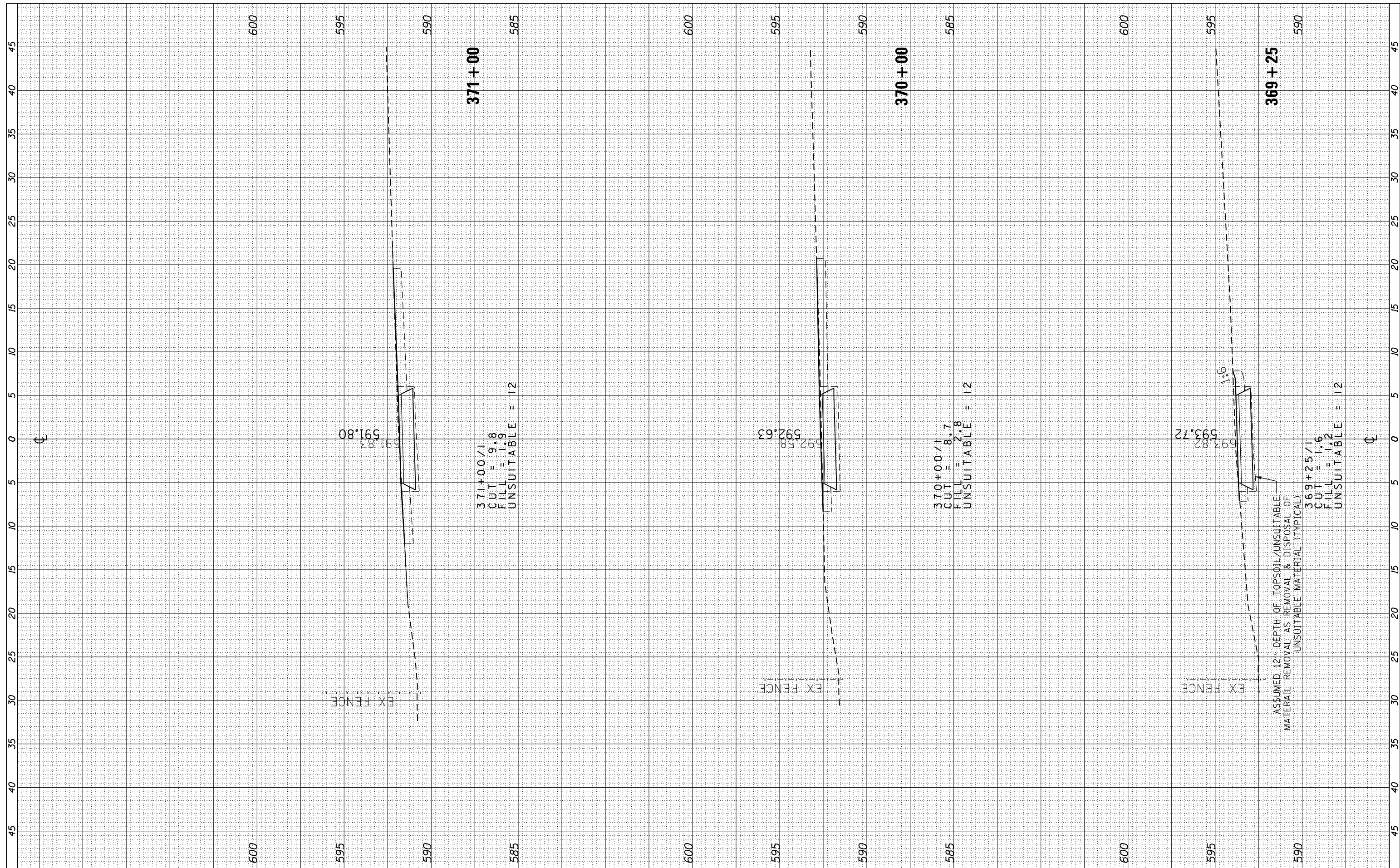
**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST**

SCALE: SHEET OF SHEETS STA. 366+55 TO STA. 369+00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	44
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy  
 DESIGNED - KLM  
 DRAWN - KJB  
 CHECKED - BMC  
 DATE - JULY 29, 2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

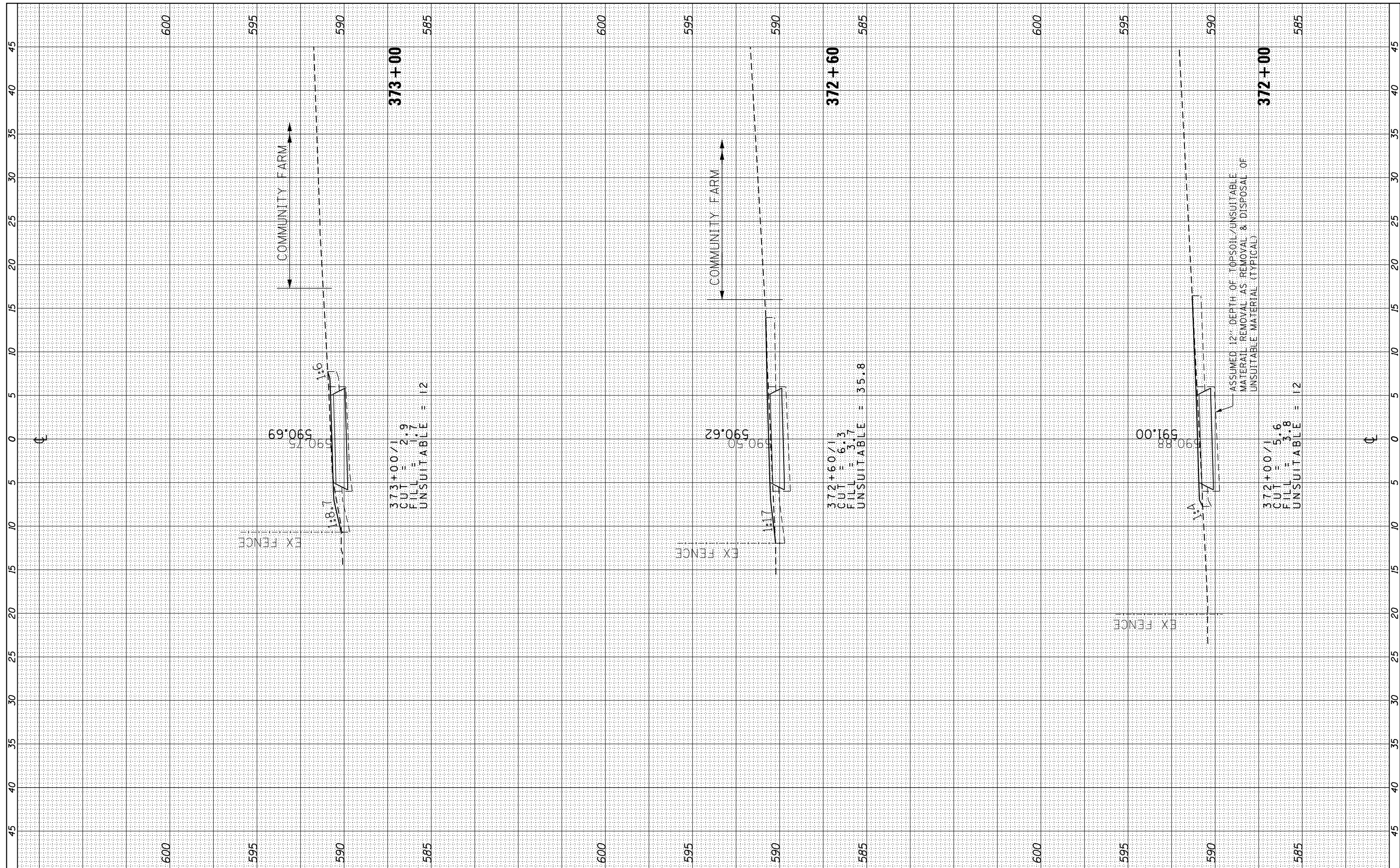
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST**  
 SCALE: SHEET OF SHEETS STA. 369+25 TO STA. 371+00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	45
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy  
 DESIGNED - KLM  
 DRAWN - KJB  
 CHECKED - BMC  
 DATE - JULY 29, 2019

REVISIONS  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST**

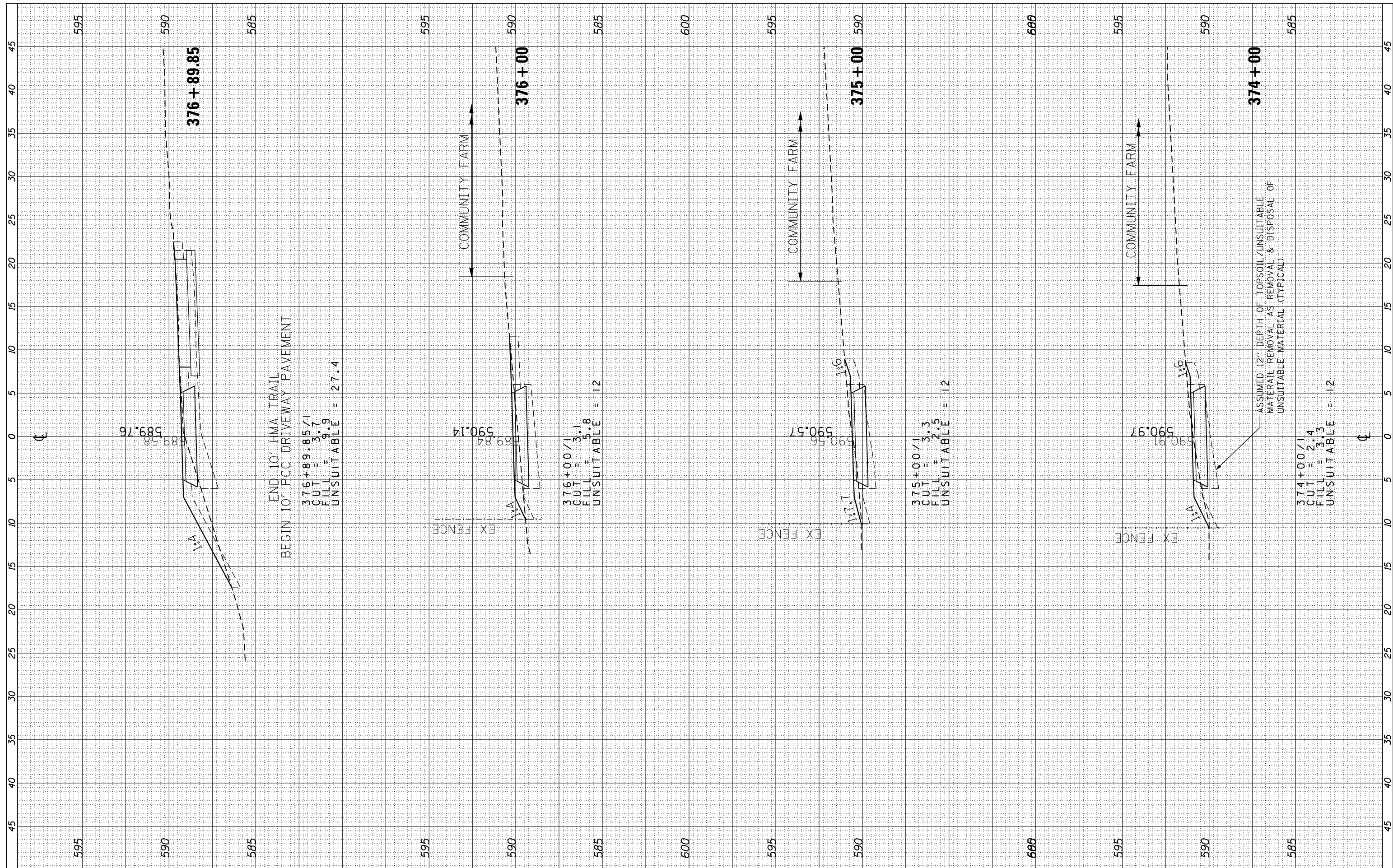
SCALE: SHEET OF SHEETS STA. 372+00 TO STA. 373+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	46
CONTRACT NO. 61F17				
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		



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST**

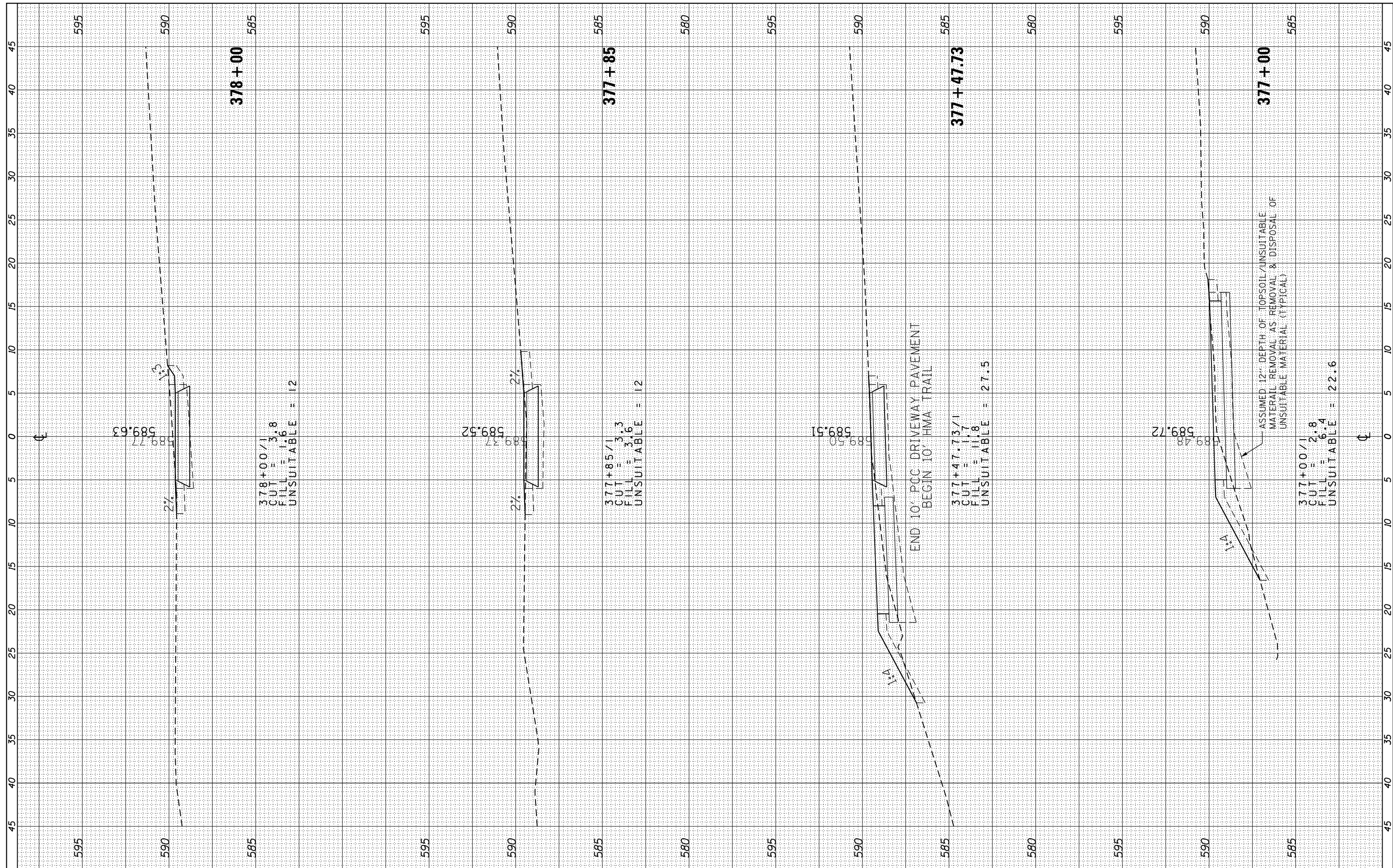
SCALE: SHEET OF SHEETS STA. 374+00 TO STA. 376+78

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	47
			CONTRACT NO. 61F17	
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

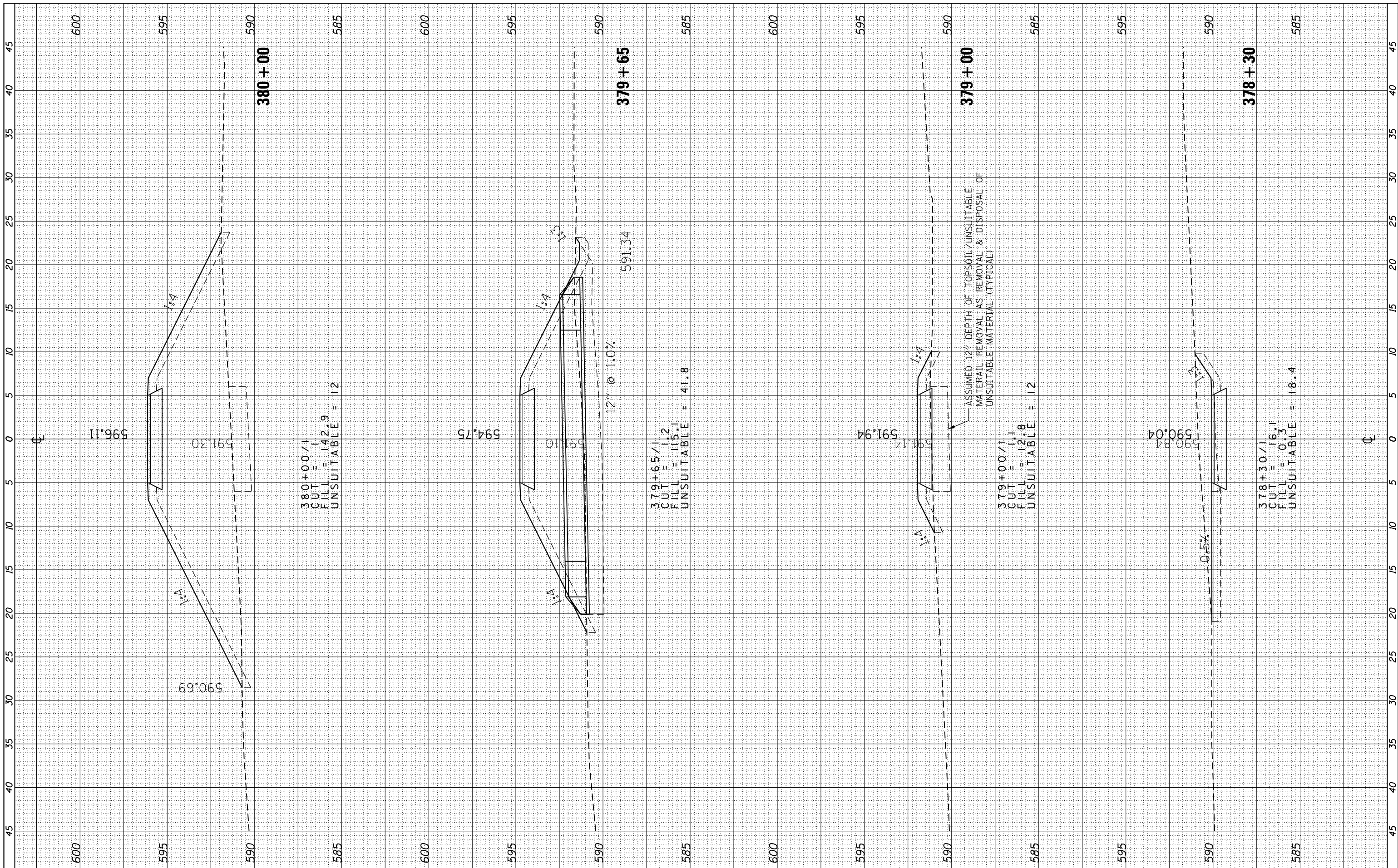
**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
CROSS SECTIONS / BLUE ISLAND WEST**

SCALE: SHEET OF SHEETS STA. 377+00 TO STA. 378+00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	48
			CONTRACT NO. 61F17	
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy  
 PLOT SCALE = 10.0000' / in.  
 PLOT DATE = 8/19/2019

DESIGNED - KLM  
 DRAWN - KJB  
 CHECKED - BMC  
 DATE - JULY 29, 2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

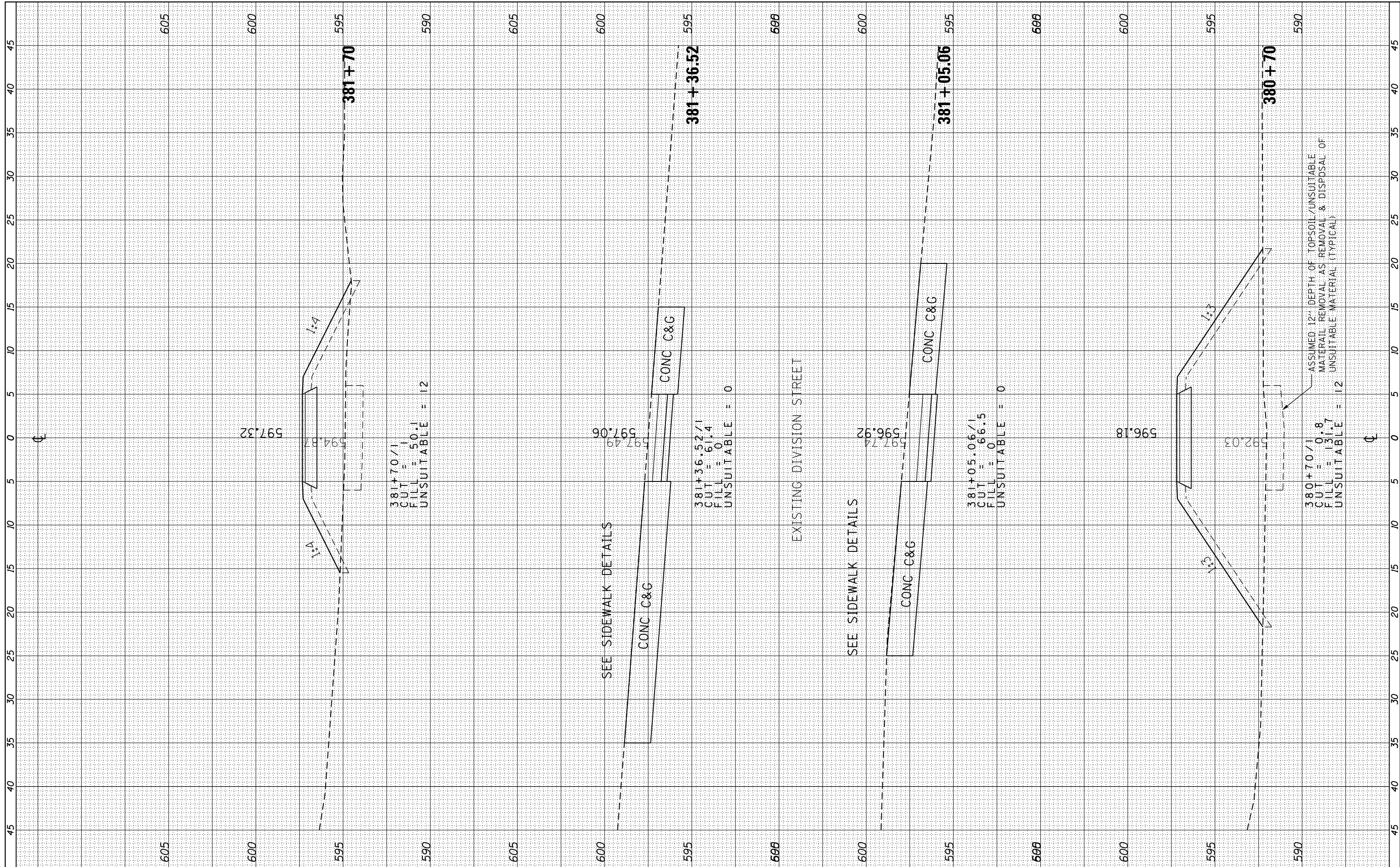
CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST

SCALE: SHEET OF SHEETS STA. 378+30 TO STA. 380+00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	49
			CONTRACT NO. 61F17	
ILLINOIS FED. AID PROJECT				

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

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



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy	DESIGNED - KLM	REVISIONS
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISIONS
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISIONS
	DATE - JULY 29, 2019	REVISIONS

REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS
REVISIONS	REVISIONS

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

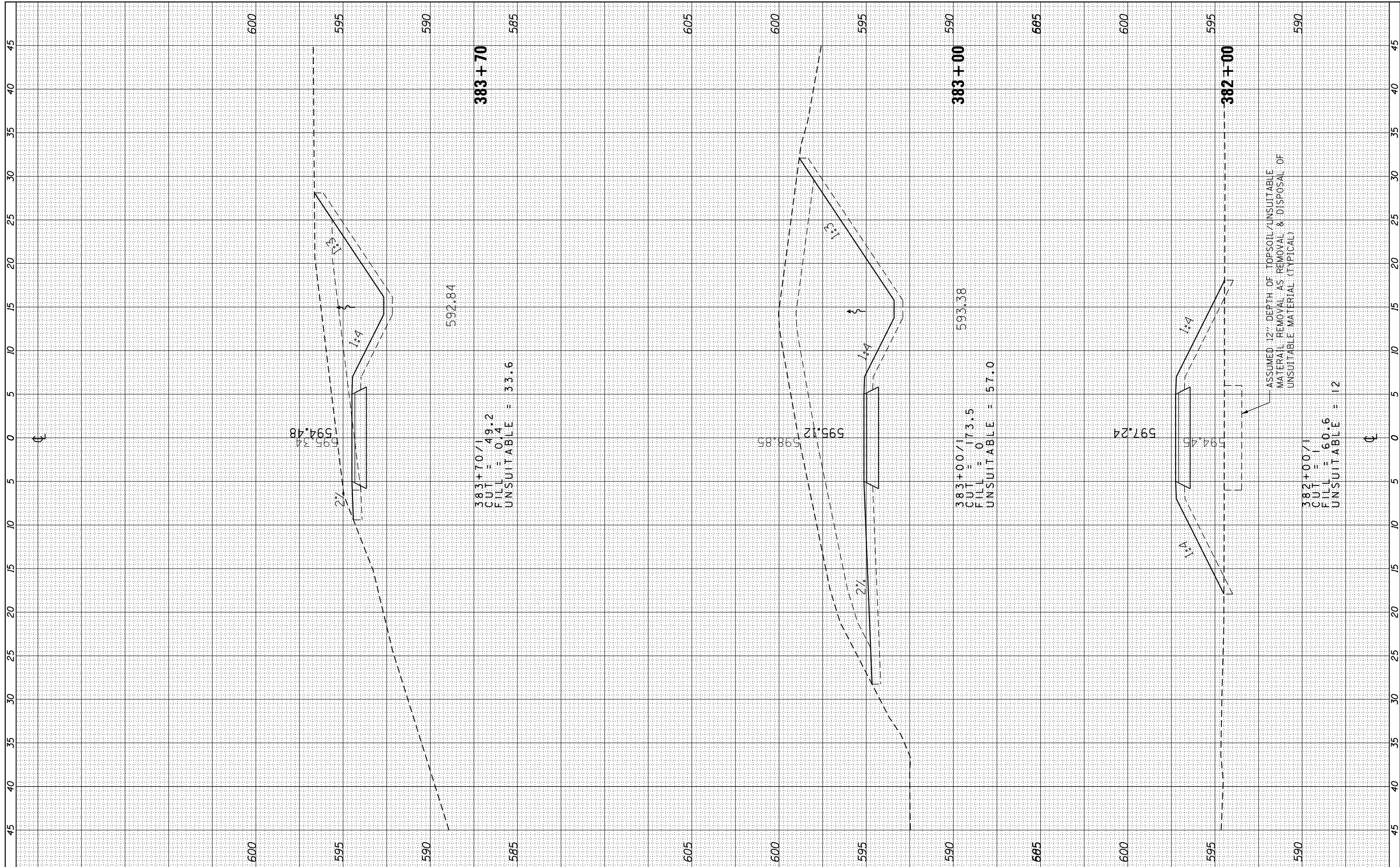
**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)**  
**CROSS SECTIONS / BLUE ISLAND WEST**

SCALE: SHEET OF SHEETS STA. 380+70 TO STA. 381+70

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	50
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



383+70/1  
 CUT = 49.2  
 FILL = 0.4  
 UNSUITABLE = 33.6  
 592.84

383+00/1  
 CUT = 173.5  
 FILL = 0  
 UNSUITABLE = 57.0  
 593.38

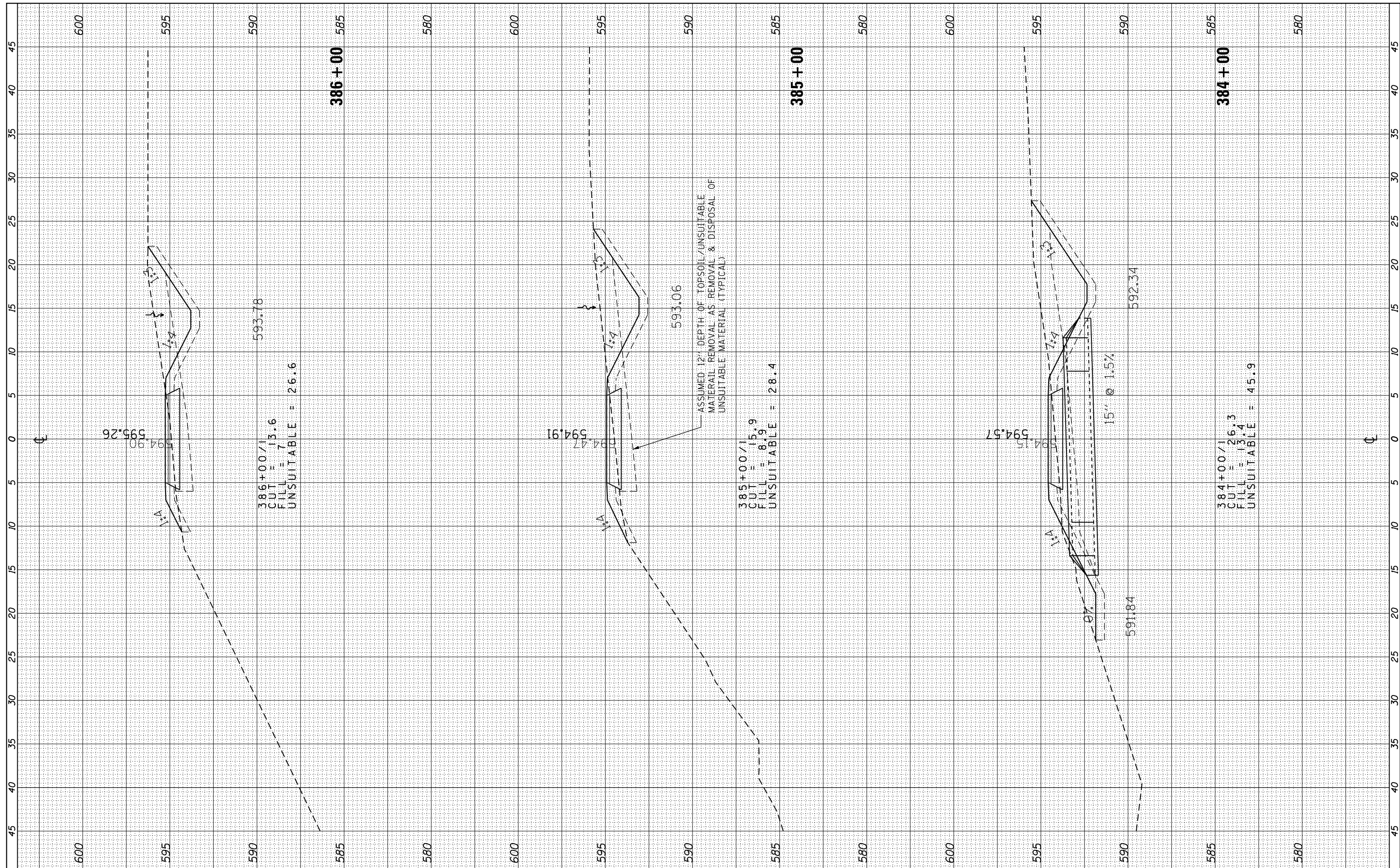
382+00/1  
 CUT = 60.6  
 FILL = 0  
 UNSUITABLE = 12  
 594.40

ASSUMED 12" DEPTH OF TOPSOIL/UNSUITABLE MATERIAL REMOVAL AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (TYPICAL)



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

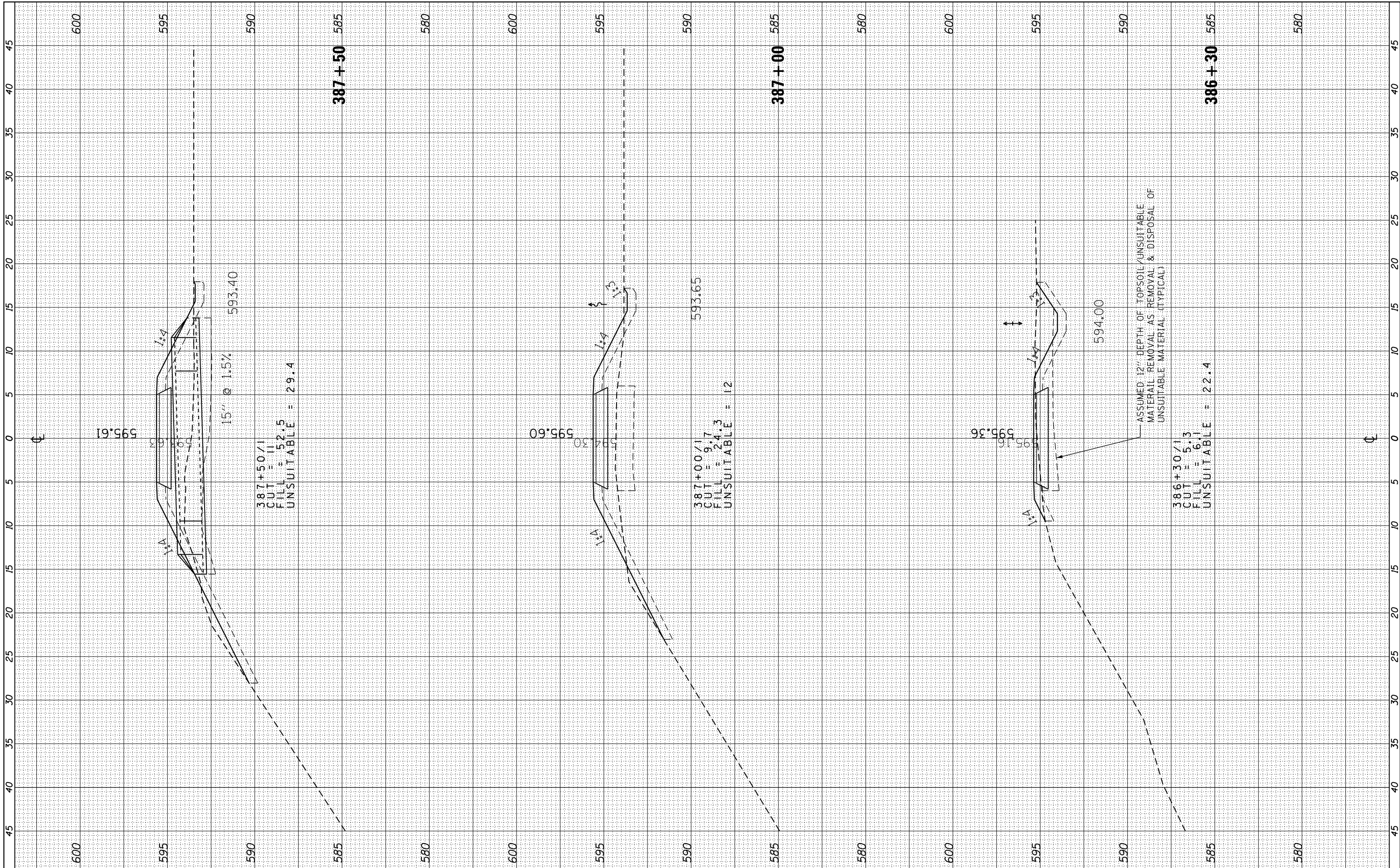
**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST**

SCALE: SHEET OF SHEETS STA. 384+00 TO STA. 386+00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	52
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS
	CHECKED



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy
PLOT SCALE = 10.0000' / in.
PLOT DATE = 8/19/2019

DESIGNED - KLM
DRAWN - KJB
CHECKED - BMC
DATE - JULY 29, 2019

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

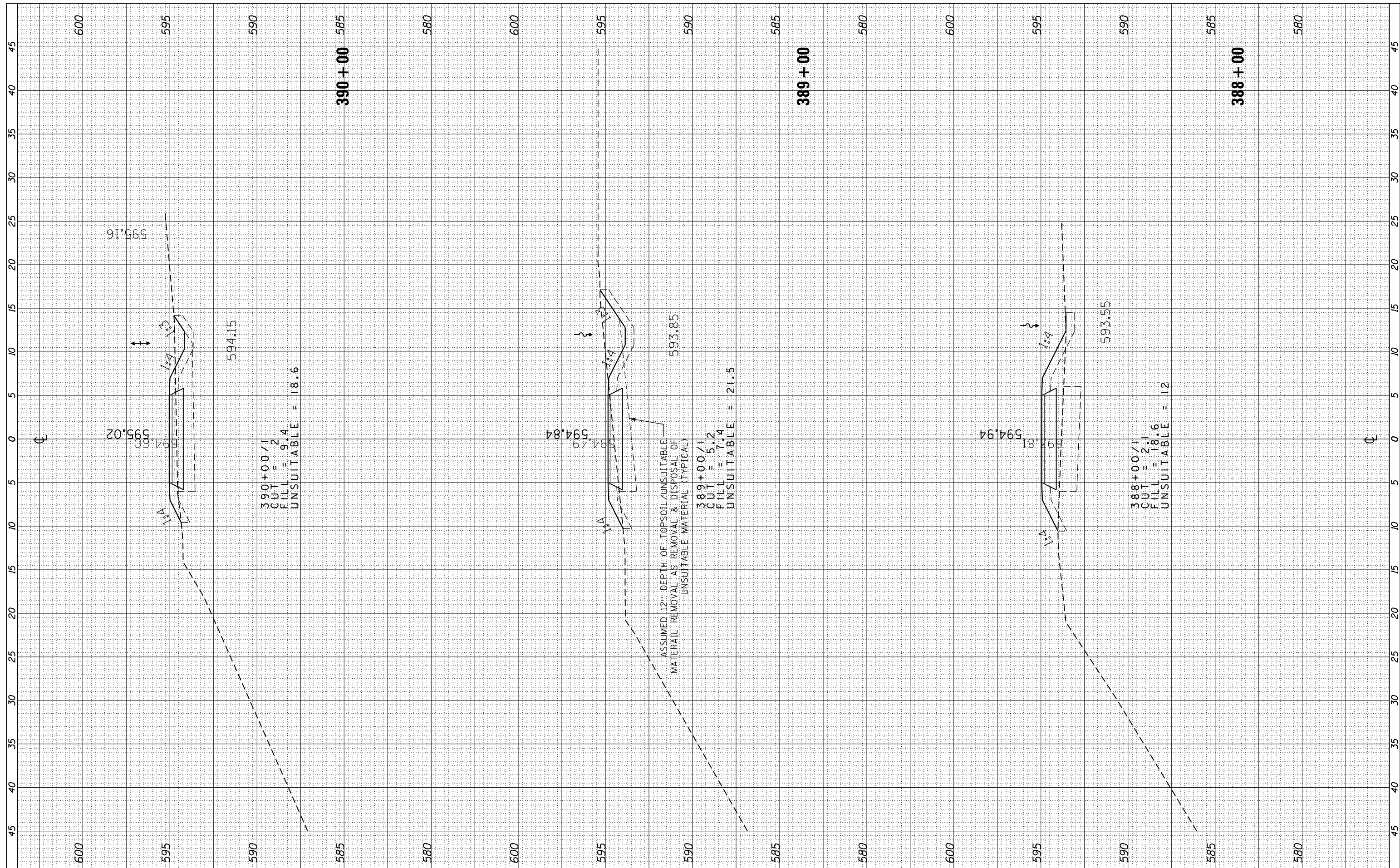
CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST

SCALE: SHEET OF SHEETS STA. 386+30 TO STA. 387+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	53
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				

BY	DATE

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



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - KJB	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - BMC	REVISED -
PLOT DATE = 8/19/2019	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
CROSS SECTIONS / BLUE ISLAND WEST**

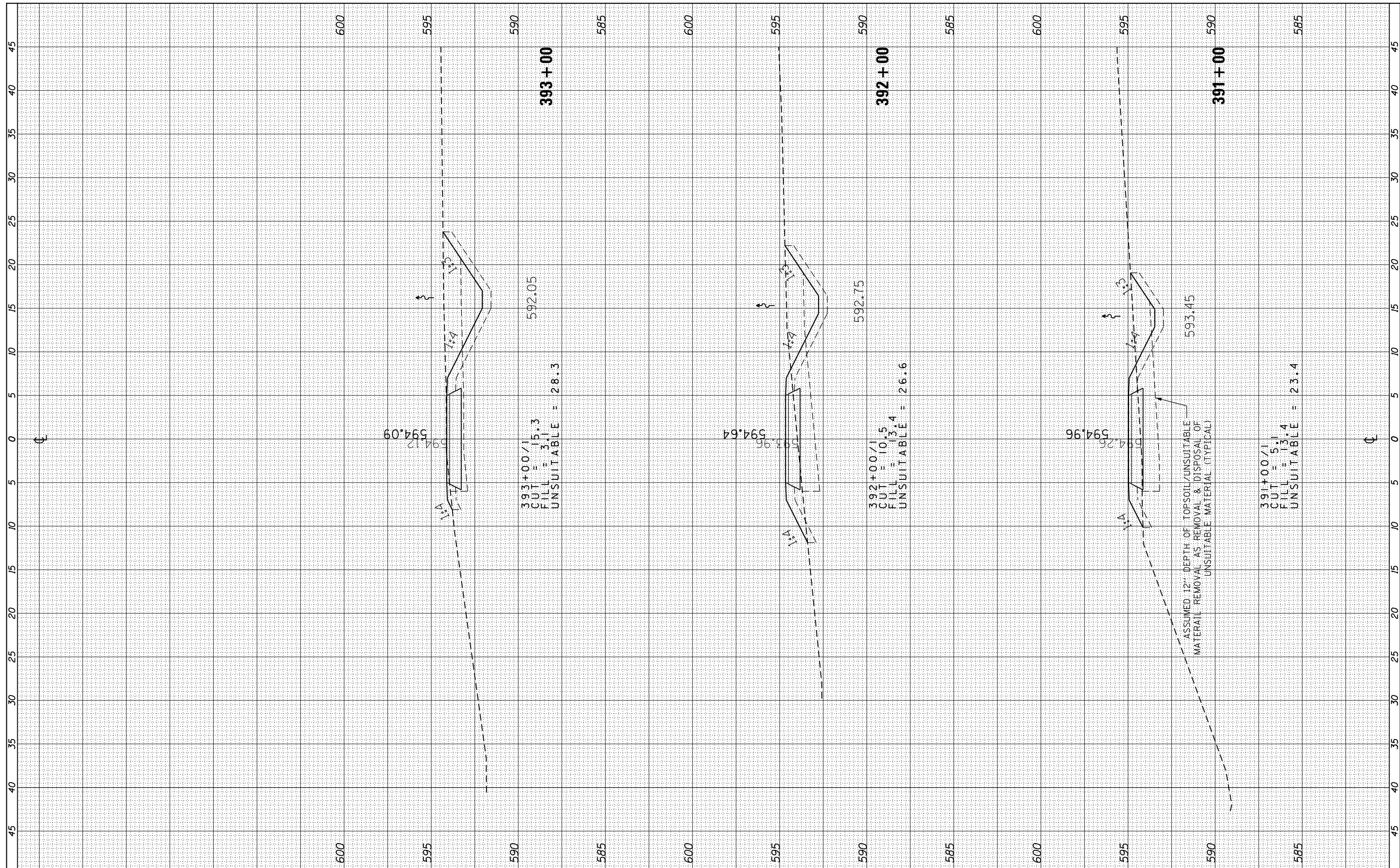
SCALE: SHEET OF SHEETS STA. 388+00 TO STA. 390+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	54
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				



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

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



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

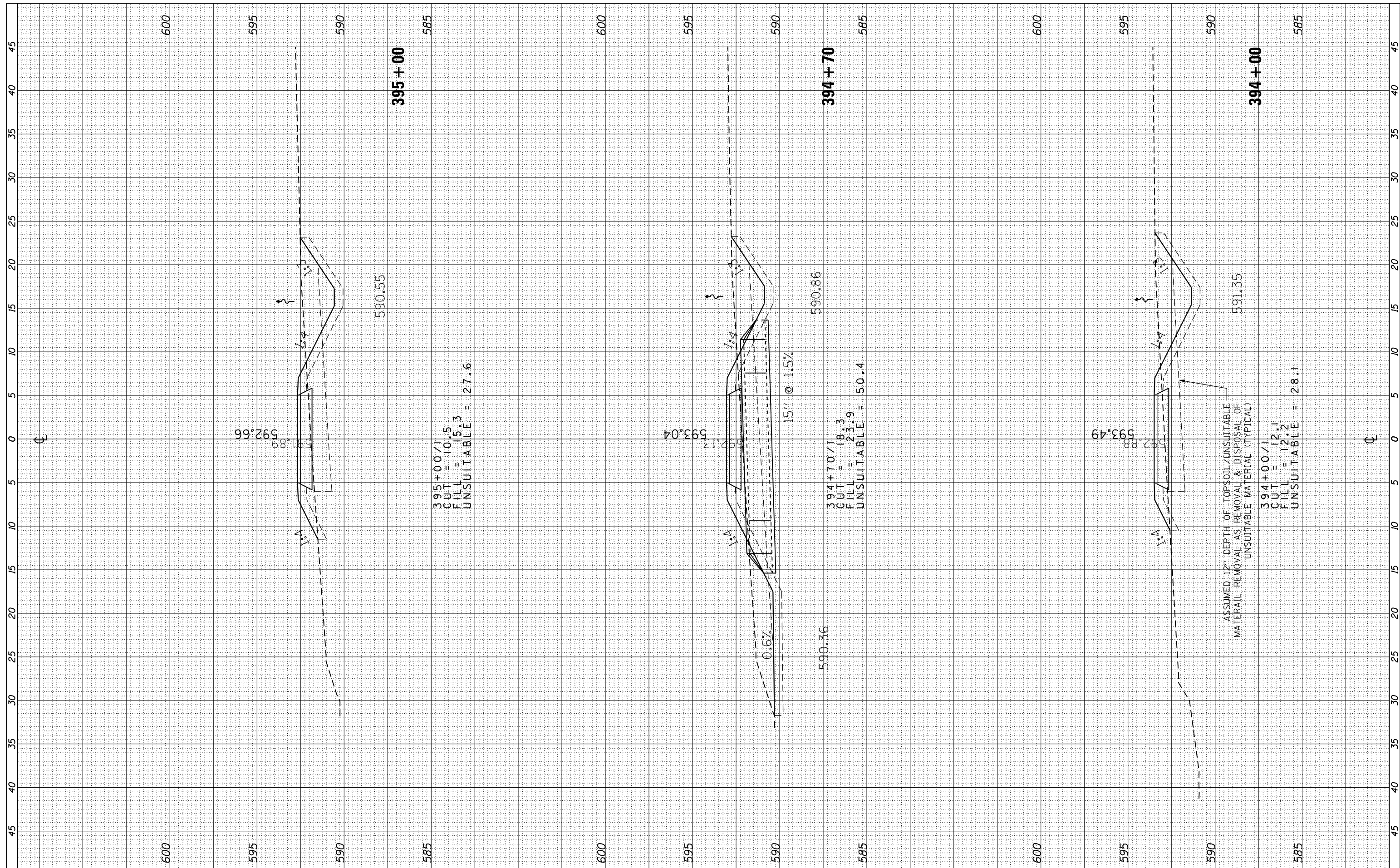
**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST**

SCALE: SHEET OF SHEETS STA. 391+00 TO STA. 393+00

F.A. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	55
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

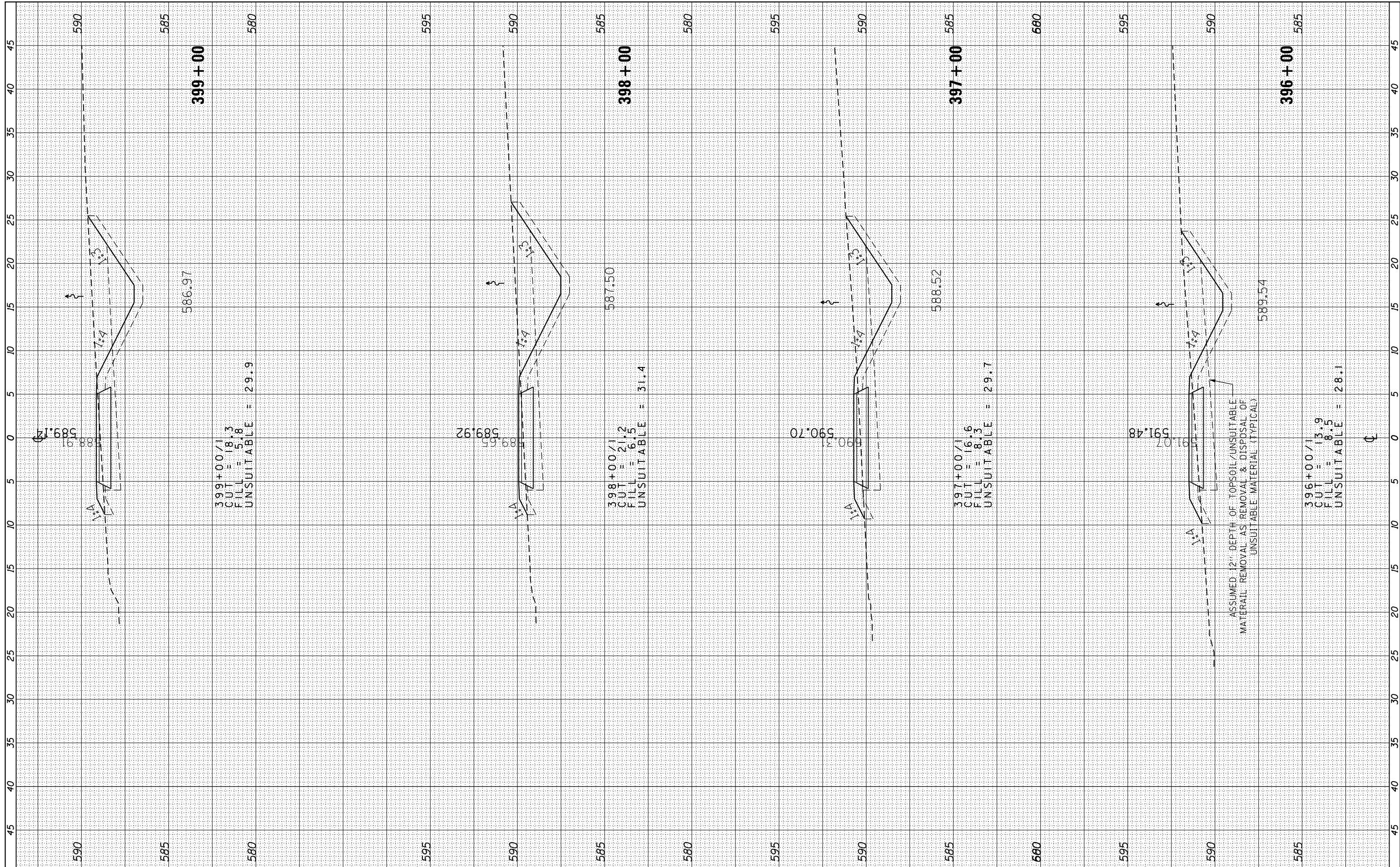
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST**  
 SCALE: SHEET OF SHEETS STA. 394+00 TO STA. 395+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	56
				CONTRACT NO. 61F17
ILLINOIS FED. AID PROJECT				

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

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



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

DESIGNED - KLM	REVISED -
DRAWN - KJB	REVISED -
CHECKED - BMC	REVISED -
DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

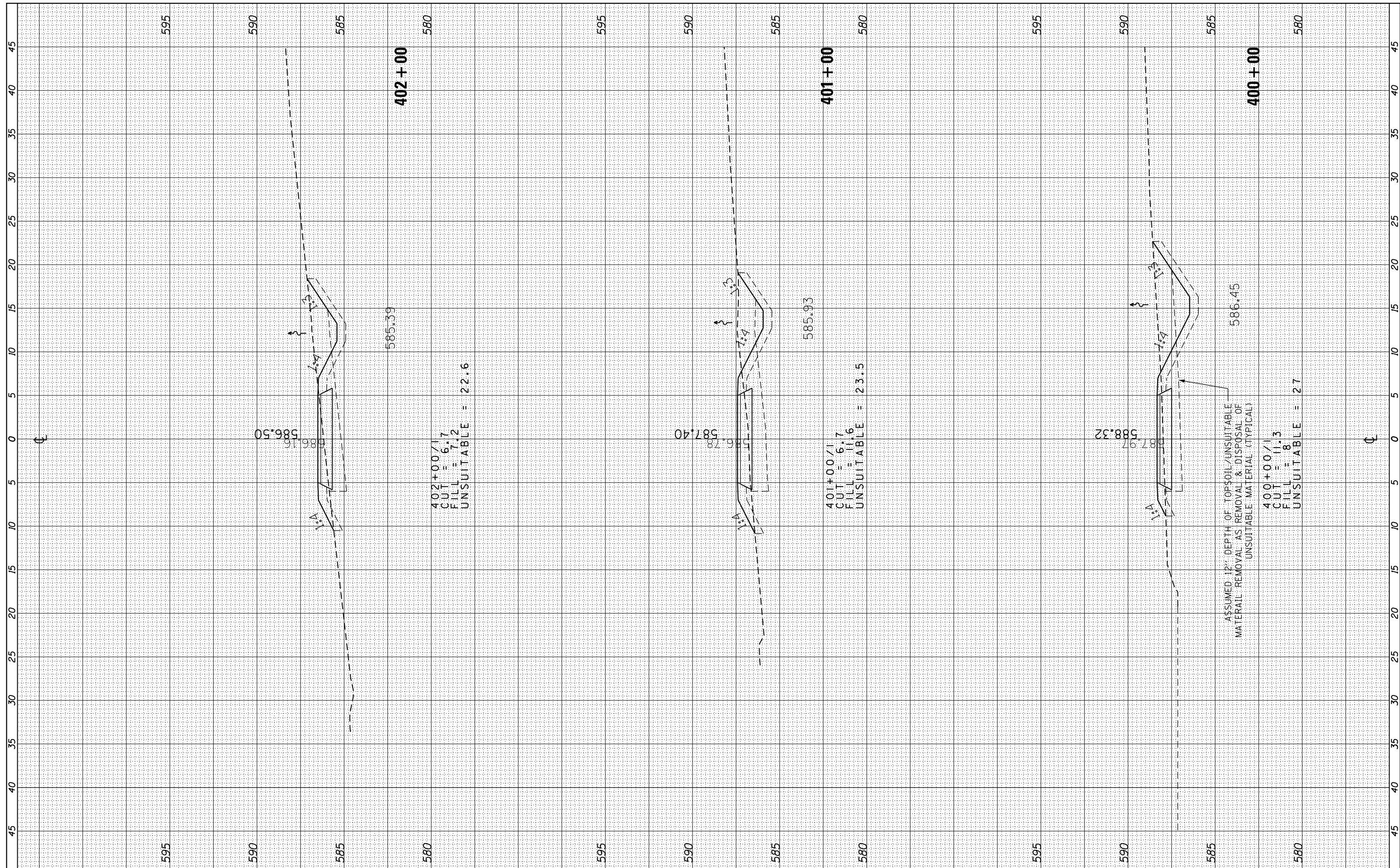
**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST**

SCALE: SHEET OF SHEETS STA. 396+00 TO STA. 399+00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	57
			CONTRACT NO. 61F17	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



402+00/1  
 CUT = 6.7  
 FILL = 7.2  
 UNSUITABLE = 22.6

401+00/1  
 CUT = 6.7  
 FILL = 11.6  
 UNSUITABLE = 23.5

400+00/1  
 CUT = 11.3  
 FILL = 8  
 UNSUITABLE = 27

ASSUMED 12" DEPTH OF TOPSOIL/UNSUITABLE MATERIAL REMOVAL AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (TYPICAL)

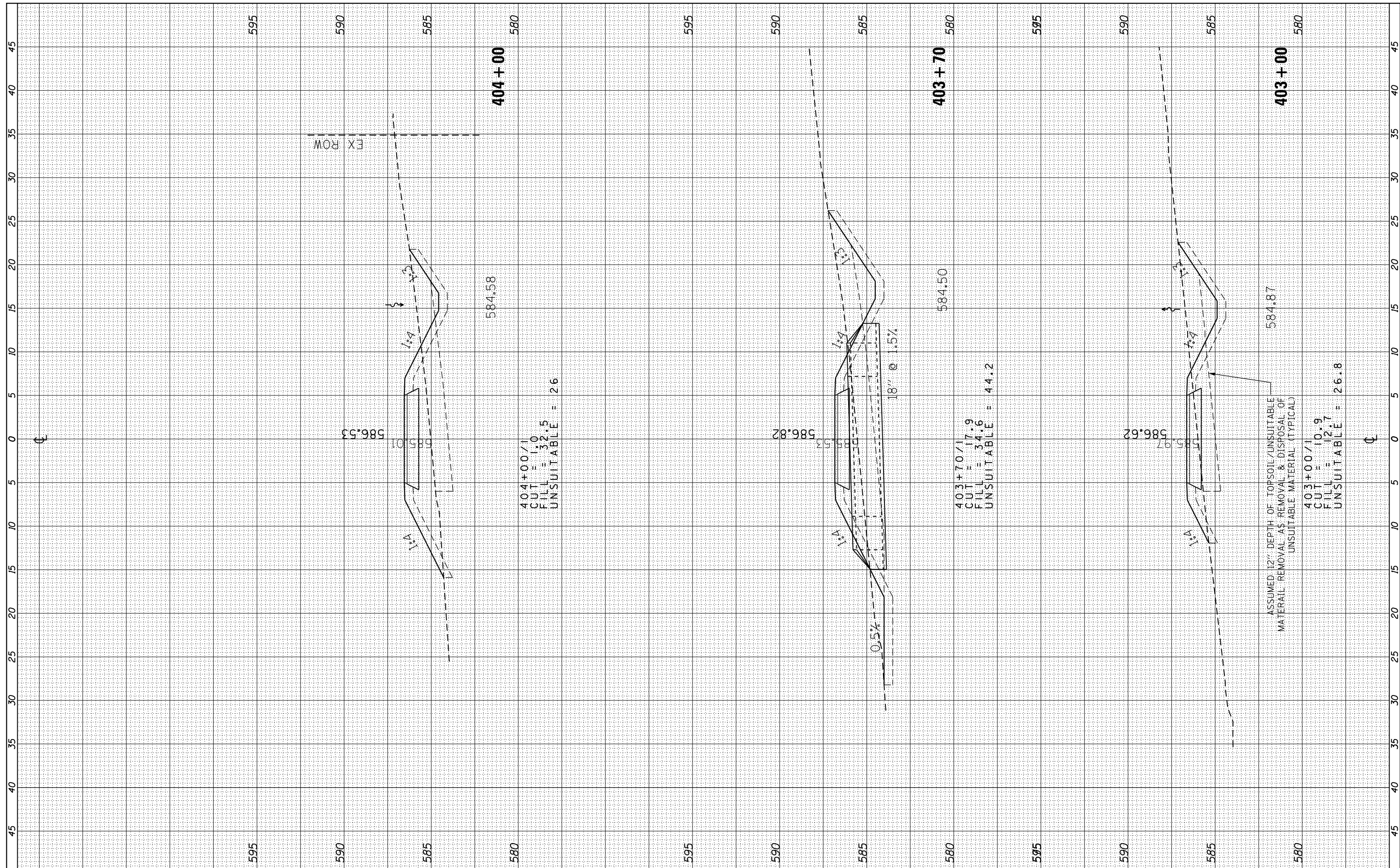
USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	58
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



**AECOM**  
 303 East Wacker Drive, Suite 1400, Chicago, IL 60601  
 T 1-312-373-7700 F 1-312-373-6800

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

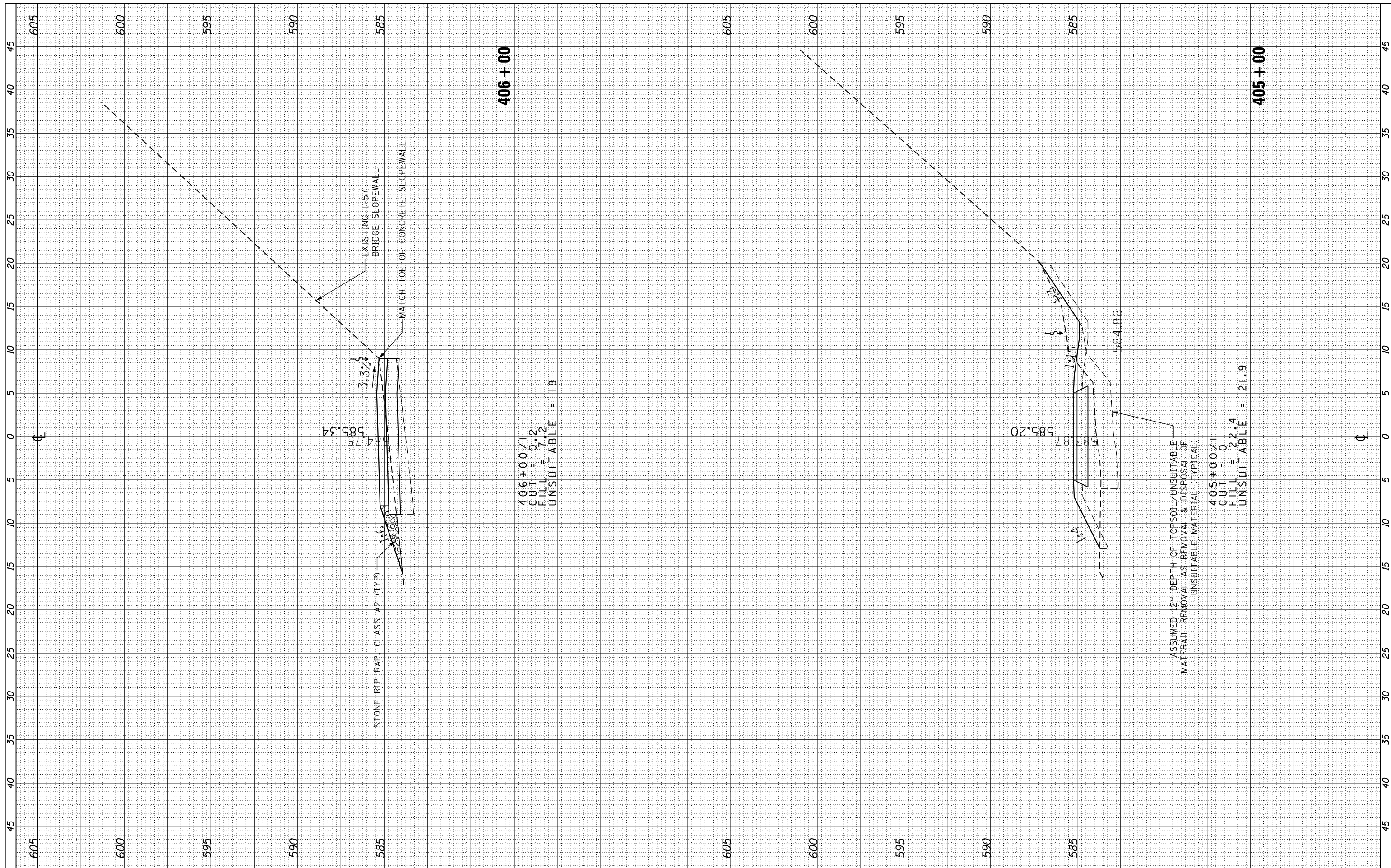
**CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST**

SCALE: SHEET OF SHEETS STA. 403+00 TO STA. 404+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	59
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



**AECOM**  
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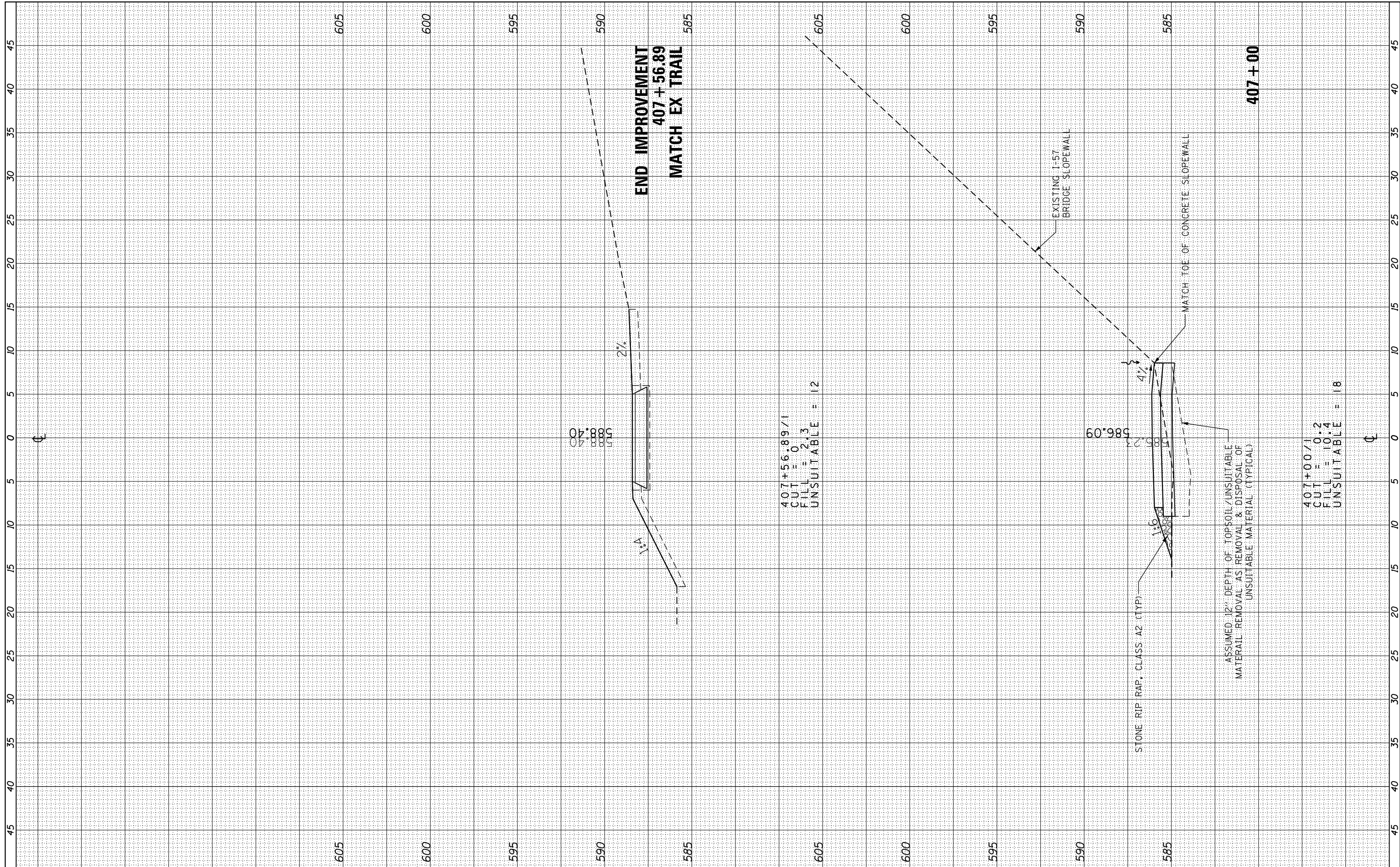
USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)    CROSS SECTIONS / BLUE ISLAND WEST</b>			
SCALE:	SHEET OF SHEETS	STA. 405+00 TO STA. 406+00	
F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS
	08-00178-03-BT	COOK	61
			SHEET NO. 60
			CONTRACT NO. 61F17
ILLINOIS FED. AID PROJECT			

SURVEY NO.	SURVEYED AREAS CHECKED
NOTE BOOK NO.	PLOTTED AREAS CHECKED
	TEMPLATE AREAS CHECKED
	AREAS CHECKED

SURVEY NO.	SURVEYED AREAS CHECKED
NOTE BOOK NO.	PLOTTED AREAS CHECKED
	TEMPLATE AREAS CHECKED
	AREAS CHECKED



**AECOM**  
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USER NAME = ken.moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - KJB	REVISED -
PLOT DATE = 8/19/2019	CHECKED - BMC	REVISED -
	DATE - JULY 29, 2019	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CAL-SAG GREENWAY TRAIL (BLUE ISLAND EAST SEGMENT)  
 CROSS SECTIONS / BLUE ISLAND WEST

SCALE: SHEET OF SHEETS STA. 407+00 TO STA. 407+57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00178-03-BT	COOK	61	61
CONTRACT NO. 61F17				
ILLINOIS FED. AID PROJECT				