

06-14-2024 LETTING ITEM 116

SECTION	COUNTY	TOTAL SHEETS
14-00093-00-SW	COOK	29
		CONTRACT NO. 61K36
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CNCM 051

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY**
FAU 3776 (91ST STREET)

FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.) TO FAP 370 (WESTERN AVE.)

91ST STREET SIDEWALK INSTALLATION

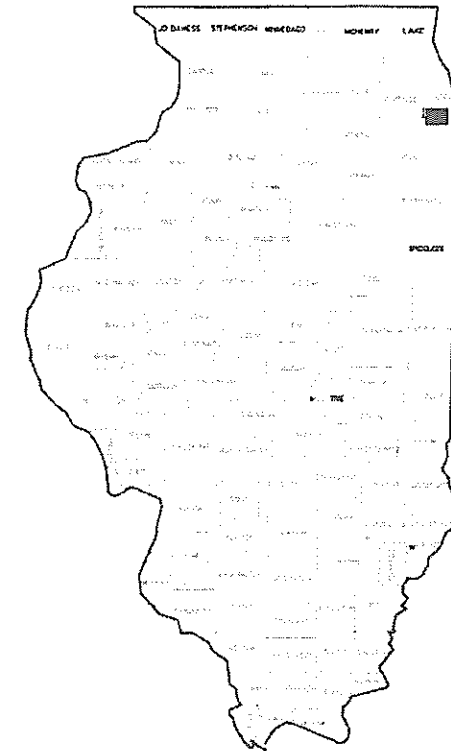
SECTION 14-00093-00-SW

PROJECT CNCM(051)

VILLAGE OF EVERGREEN PARK

COOK COUNTY

JOB C-91-110-18



LOCATION OF SECTION INDICATED THUS: [Symbol]

FOR INDEX OF SHEETS, SEE SHEET 2
 FOR LIST OF DISTRICT 1 STANDARD DETAILS, SEE SHEET 2
 FOR LIST OF INDEX OF DOT HIGHWAY STANDARDS, SEE SHEET 2

FUNCTIONAL CLASSIFICATION

MAJOR COLLECTOR

TRAFFIC DATA

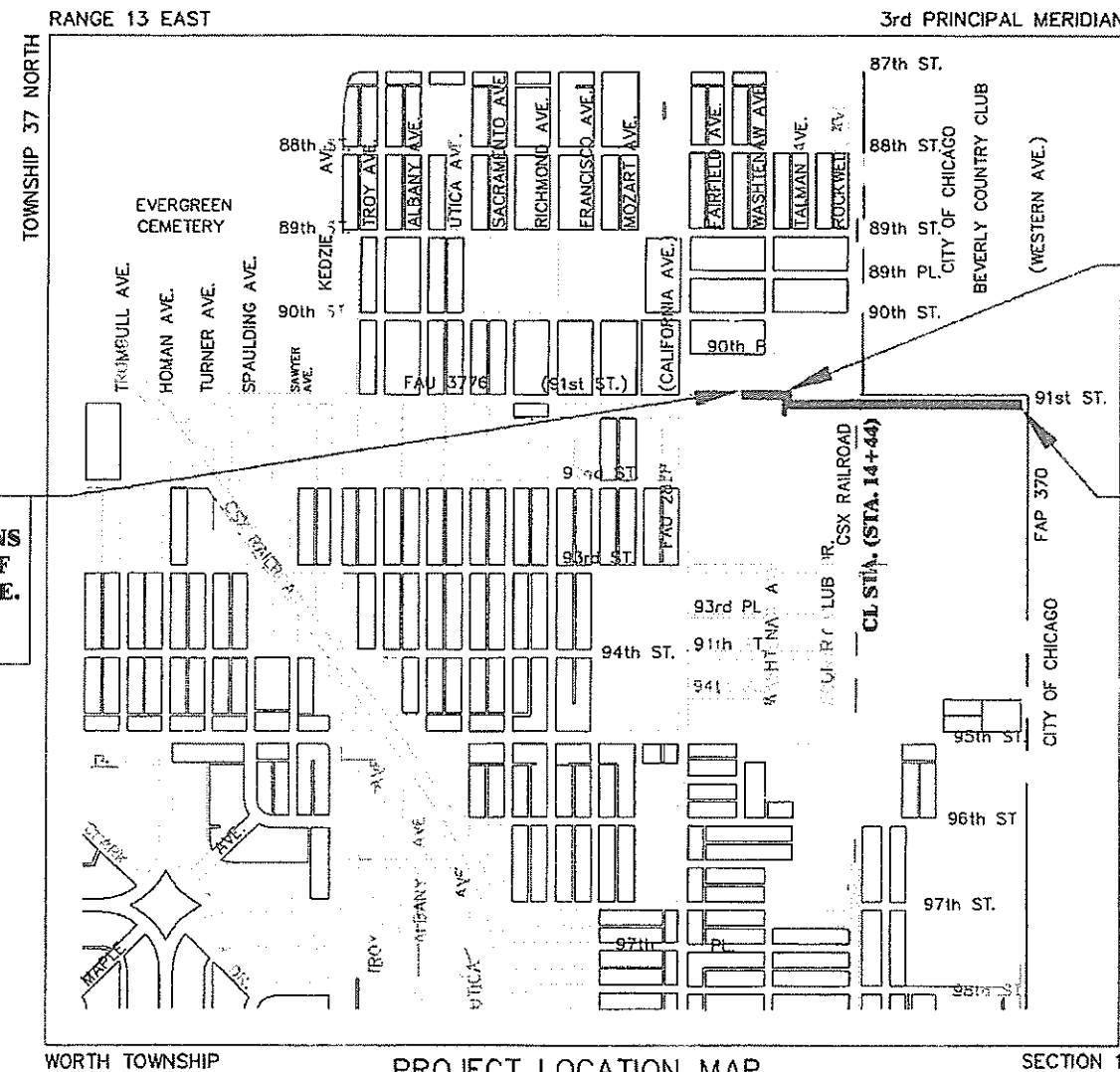
91ST STREET
ADT: 3,850 (2022)

POSTED SPEED LIMIT

91ST STREET = 25 MPH

DESIGNED SPEED LIMIT

91ST STREET = 25 MPH



**SIDEWALK
 PROJECT BEGINS
 408 FT. EAST OF
 CALIFORNIA AVE.
 (FAU 2838)
 (STA. 5+61)**

**SIDEWALK
 PROJECT ENDS
 WESTERN AVE.
 (FAP 370)
 (STA. 27+24)**

—■— DENOTES LOCATION OF IMPROVEMENT
 GROSS LENGTH OF PROJECT = 2,163 FEET (0.41 MILES)
 NET LENGTH OF PROJECT = 2,163 FEET (0.41 MILES)

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

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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION CALL 811



Know what's below.
Call before you dig.

APPROVE *2 23 24* 2024
 VILLAGE OF EVERGREEN PARK
Kelly Burke
 APPROVED *2-16-2024* 2024
 EVERGREEN PARK COMMUNITY
 HIGH SCHOOL DISTRICT 231
Thomas O'Malley
 THOMAS O'MALLEY, SUPERINTENDENT
 PASSED *FEB 23, 2024* 2024
 RELEASING FOR BID
 BASED ON LIMITED
 REVIEW *Feb 23,* 2024
Jos IR
 REGIONAL ENGINEER

Timothy H. Klass
 TIMOTHY H. KLASS, P.E.
 IL. P.E. NO. 062-046111
 EXPIRES 11-30-2025



2-19-24
DATE

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1.) COVER SHEET: LOCATION MAP
- 2.) INDEX OF SHEETS, LIST OF DISTRICT 1 STANDARD DETAILS, LIST OF ILLINOIS DOT HIGHWAY STANDARDS, GENERAL NOTES, BENCHMARKS, JOINT DETAILS
- 3.-6.) SUMMARY OF QUANTITIES
- 7.) TYPICAL SECTIONS, HOT-MIX ASPHALT MIXTURE REQUIREMENTS
- 8.) EARTHWORK COMPUTATIONS
- 9.-13.) PLAN & PROFILE: FAU 3776 (91ST STREET)—408 FT. EAST OF (FAU 2838) CALIFORNIA AVE. TO WESTERN AVE. (FAP 370) (EXISTING REMOVAL AND PROPOSED SIDEWALK INSTALLATION)
- 14.) PLAN & PROFILE: FAU 3776 (91ST STREET)—408 FT. EAST OF (FAU 2838) CALIFORNIA AVE. TO WESTERN AVE. (FAP 370) (PROPOSED RECTANGULAR RAPID FLASHING BEACON AND SIGN PLAN)
- 15.) PLAN & PROFILE: FAU 3776 (91ST STREET)—408 FT. EAST OF (FAU 2838) CALIFORNIA AVE. TO WESTERN AVE. (FAP 370) (EXISTING REMOVAL IN PROPOSED RAILROAD EXIT AREA)
- 16.) PLAN & PROFILE: FAU 3776 (91ST STREET)—408 FT. EAST OF (FAU 2838) CALIFORNIA AVE. TO WESTERN AVE. (FAP 370) (PROPOSED IMPROVEMENT IN RAILROAD EXIT AREA)
- 17.) PLAN & PROFILE: FAU 3776 (91ST STREET)—408 FT. EAST OF (FAU 2838) CALIFORNIA AVE. TO WESTERN AVE. (FAP 370) (PROPOSED ADA RAMP DESIGNS) RETAINING WALL SPECIAL
- 18.-20.) RAILROAD CROSSING DETAILS
- 21.) A-39 INLET PIPE AND PROTECTION (TEMPORARY EROSION CONTROL)
- 22.-27a.) DISTRICT 1 STANDARD DETAILS (SEE LIST AT RIGHT)
- 28.-29.) CROSS SECTIONS

LIST OF DISTRICT 1 STANDARD DETAILS

- 22.) BD-01 DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)
- 23.) BD-02 DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15'(4.5m)
- 24.) BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- 25.) TC-10 TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS & DRIVEWAYS
- 26.) TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- 27.) TC-22 ARTERIAL ROAD INFORMATION SIGN
- 27a.) TC-26 DRIVEWAY ENTRANCE SIGNING

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- | | |
|--|--|
| 000001-08
280001-07
424001-11
424016-05
602011-02
604036-03
606001-08
701006-05
701301-04
701311-03
701501-06
701701-10
701801-06
701901-09
720001-01
720006-04
720011-01
780001-05 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
TEMPORARY EROSION CONTROL SYSTEMS
PERPENDICULAR CURB RAMPS FOR SIDEWALKS
MID-BLOCK CURB RAMPS FOR SIDEWALKS
CATCH BASIN-TYPE C
GRATE TYPE B
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
URBAN LANE CLOSURE, 2 L, 2 W UNDIVIDED
URBAN LANE CLOSURE, MULTILANE INTERSECTION
SIDEWALK, CORNER OR CROSSWALK CLOSURE
TRAFFIC CONTROL DEVICES
SIGN PANEL MOUNTING DETAILS
SIGN PANEL ERECTION DETAILS
METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
TYPICAL PAVEMENT MARKINGS |
|--|--|

GENERAL NOTES PAVING AND STORM SEWERS

SPECIFICATIONS

THE JANUARY 1, 2022 EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE JANUARY 1, 2024 EDITION OF THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE 11TH EDITION DATED DECEMBER 2023 OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" SHALL GOVERN ALL WORK ASSOCIATED WITH THIS PROJECT. THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY GOVERN OTHER WORK ON THIS PROJECT AS INDICATED BY REFERENCE.

EXCAVATED MATERIALS

THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL SURPLUS TRENCH SPOIL MATERIALS OFF THE SITE AS WORK PROGRESSES. THE TEMPORARY STOCKPILING OF THIS MATERIAL ON THE PROJECT SITE WILL NOT BE ALLOWED.

CARE IN EXCAVATION

THE CONTRACTOR SHALL EXERCISE CARE DURING EARTH AND/OR TRENCHING OPERATIONS TO AVOID DAMAGE TO LOCAL UTILITY SERVICES, WATER VALVES, MANHOLES, CATCH BASINS, INLETS, BUFFALO BOXES, AND OTHER STRUCTURES. ALL DAMAGE DONE BY THE CONTRACTOR, WHETHER THE STRUCTURE OR SERVICE IS VISIBLE AT THE GROUND SURFACE OR NOT, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 105.07 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

NOTIFICATION OF IDOT DISTRICT 1 TRAFFIC CONTROL SUPERVISOR

THE CONTRACTOR SHALL CONTACT THE IDOT DISTRICT 1 TRAFFIC CONTROL SUPERVISOR FOR ARTERIALS AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK.

NOTIFICATION OF PUBLIC UTILITIES

PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OFFICIALS OF THE PUBLIC WORKS DEPARTMENT OF THE LOCAL MUNICIPALITY, J.U.L.I.E. AT 1-800-892-0123 OR 811, AND OTHER PUBLIC AND PRIVATE UTILITIES TO MAKE ARRANGEMENTS TO LOCATE THEIR VARIOUS FACILITIES WITHIN THE LIMITS OF CONSTRUCTION UNDER THIS CONTRACT, AND TO PROVIDE ADEQUATE PROTECTION AND INSPECTION. THE CONTRACTOR SHALL DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES IN THE FIELD.

SCHEDULE OF OPERATIONS

THE CONTRACTOR SHALL SUBMIT IN WRITING A "SCHEDULE OF OPERATIONS" SHOWING APPROXIMATE DATES FOR COMMENCING AND COMPLETING VARIOUS PHASES OF CONSTRUCTION INCLUDED IN THE CONTRACT. PRIOR TO COMMENCING ANY CONSTRUCTION UNDER THIS CONTRACT, THE SCHEDULE SHALL HAVE THE APPROVAL OF THE ENGINEER AND THE DATE FOR STARTING SHALL BE MUTUALLY AGREED UPON BETWEEN THE CONTRACTOR AND THE ENGINEER.

TRAFFIC CONTROL DEVICES

BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 107.14 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

PROTECTION OF SIGNS AND PROPERTY

ALL TRAFFIC SIGNS, STREET SIGNS, ETC., THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND PLACED AT NEW LOCATIONS AS DESIGNATED BY THE ENGINEER. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED IN ACCORDANCE WITH ARTICLES 107.20 AND 107.21 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

TREES AND BRANCHES

WHERE OVERHANGING BRANCHES INTERFERE WITH OPERATIONS OF CONSTRUCTION, SAID BRANCHES SHALL BE TRIMMED AND SEALED IN ACCORDANCE WITH SECTION 253.09 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". TREES OR SHRUBS MUST BE REMOVED.

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 HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.

TREE PROTECTION

CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT-OF-WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

SUPERINTENDENCE

THE CONTRACTOR SHALL HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT AND SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVING CONTROL OF ALL THE WORK AS THE AGENT OF THE GENERAL CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN ARTICLE 108.07.

SAWING EXISTING IMPROVEMENTS

ALL PERMANENT TYPE PAVEMENTS OR OTHER PERMANENT IMPROVEMENTS WHICH ABUT THE PROPOSED IMPROVEMENT AND MUST BE REMOVED, SHALL BE SAWED AS DIRECTED PRIOR TO REMOVAL. ALL ITEMS SO REMOVED SHALL BE REPLACED WITH SIMILAR CONSTRUCTION MATERIALS TO THEIR ORIGINAL CONDITION OR BETTER. EXISTING DRIVEWAY PAVEMENT AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAWCUT TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND THE EXISTING.

CONSTRUCTION LAYOUT STAKES

THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH WOODEN STAKES OR OTHER LAYOUT MATERIALS FOR LAYOUT OF THE LINES AND GRADES OF THE PROJECT. FAILURE TO PROVIDE STAKES IN A TIMELY MANNER WILL RESULT IN A DELAY IN TAKEOUT WHICH WILL BE APPLICABLE AGAINST THE TIME LIMIT FOR COMPLETION SHOWN IN THE PROJECT SPECIFICATIONS. LINE AND GRADE WILL BE ESTABLISHED BY THE ENGINEER AT REGULAR INTERVALS ON PERMANENTLY PAVED SURFACES, SIDEWALKS OR STAKES AT THE ENGINEER'S OPTION, ALL WITHIN THE PUBLIC RIGHT-OF-WAY AND SHALL BE TRANSFERRED BY THE CONTRACTOR TO THE ACTUAL LINE OF CONSTRUCTION.

PROJECT SAFETY

THE CONTRACTOR SHALL COMPLY WITH AND OBSERVE THE RULES AND REGULATIONS OF O.S.H.A. AND APPROPRIATE AUTHORITIES REGARDING SAFETY PROVISIONS. THE CONTRACTOR, ENGINEER, AND OWNER SHALL EACH BE RESPONSIBLE FOR THEIR OWN RESPECTIVE AGENTS AND EMPLOYEES.

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

MISCELLANEOUS

BEFORE BEGINNING WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) SO THESE LOCATIONS CAN BE RE-ESTABLISHED FOR FINAL STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER AT PATRICE.HARRIS@ILLINOIS.GOV

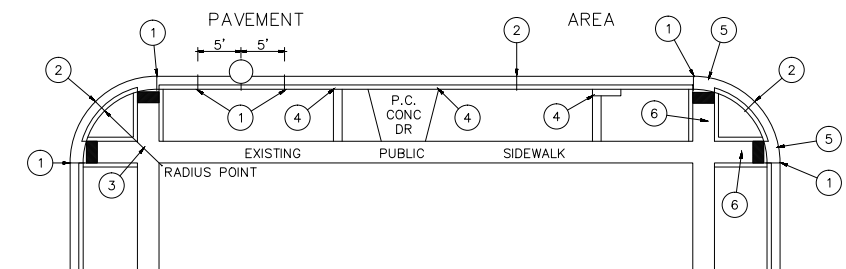
MOT NOTES

TEMPORARY INFORMATION SIGNS ON TEMPORARY SUPPORTS SHALL BE PROVIDED FOR ALL COMMERCIAL DRIVEWAYS THAT ARE LOCATED WITHIN THE WORK AREA. THIS WORK SHALL BE PAID FOR PER DISTRICT 1 DETAIL TC-26. THESE SIGNS SHALL BE RELOCATED AS REQUIRED FOR EACH CONSTRUCTION STATE AND SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THIS SIGN RELOCATION WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR TEMPORARY INFORMATION SIGNING.

THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN THE ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.

CONTRACTOR SHALL REMOVE OR COVER ALL W21-1(WORKERS PRESENT) AND W20-7 (FLAGGER) SIGNS, WITHIN AN HOUR, WHEN WORKERS ARE NOT PRESENT OR IF THE SIGN IS NOT APPLICABLE.

DRUMS ALONG ARTERIAL ROADWAYS SHALL BE PLACED AS FOLLOW: 25' C-C TANGENTS; 20' C-C TAPERS; AND 10' C-C ALONG RADII/CURVES



1. EXPANSION JOINTS AT TANGENT POINTS AND 150 FOOT INTERVALS, CONSISTING OF ONE INCH PREMOLDED JOINT FILLER MATERIAL WITH #8 DOWEL BARS, 18" IN LENGTH, GREASED, PROVIDE EXPANSION CAP ON ONE END. ALSO CONSTRUCT THIS JOINT FIVE FEET EACH SIDE OF PROPOSED UNDERGROUND STRUCTURE, AND AT CONSTRUCTION JOINTS.
2. CONTRACTION JOINTS AT TEN FOOT INTERVALS AND AT THE CENTER OF RETURNS, 2" MIN. DEPTH
3. ALL RADII SHALL MATCH EXISTING UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. LONGITUDINAL EXPANSION JOINT CONSISTING OF ONE INCH PREMOLDED JOINT FILLER.
5. DEPRESSURE CURB AT LOCATIONS WHERE PUBLIC WALKS INTERSECT CURB LINE AT STREET INTERSECTIONS, ALLEYS, AND OTHER LOCATIONS AS DIRECTED.
6. INSTALL HANDICAP RAMPS WITH DETECTABLE WARNINGS AT LOCATIONS WHERE PUBLIC WALKS INTERSECT CURB LINE AT STREET INTERSECTIONS AND ALLEYS IN ACCORDANCE WITH I.D.O.T. STANDARDS FOR HANDICAP RAMPS (WHERE APPLICABLE). SEE HIGHWAY STANDARDS.

JOINT DETAILS

BENCHMARKS

NOTE:

ELEVATIONS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

FILE NAME FAU 3776 (91ST STREET) FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.) FAP 370 (WESTERN AVE.) 91ST STREET SIDEWALK INSTALLATION #23178	USER NAME =	DESIGNED -- THK	REVISED -- 1-22-24
		DRAWN -- JFP	REVISED -- 2-19-24
	PLOT SCALE =	CHECKED -- WEL	REVISED -- 2-29-24
	PLOT DATE =	DATE -- 11-15-23	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, LIST OF DISTRICT 1 STANDARD DETAILS,
LIST OF ILLINOIS DOT HIGHWAY STANDARDS, GENERAL NOTES,
BENCHMARKS, HOT-MIX ASPHALT MIXTURE REQUIREMENTS, JOINT DETAILS**

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

NOVOTNY ENGINEERING		545 Plainfield Road, Suite A Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132 <small>Illinois Professional Design Firm No. 184-000928</small>		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	2
CONTRACT NO. 61K36				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	CNCM(051)

Specialty Item	Code Number	Item	Unit	Total Quantity	80% Fed	20%	100% Fed
					Local	Local	Local
					Construction Code Roadway 0021	Construction Code Railroad	
	20101000	TEMPORARY FENCE	FOOT	452	452	0	
	20101200	TREE ROOT PRUNING	EACH	12	12	0	
	20200100	EARTH EXCAVATION	CU YD	448	418	30	
	20800150	TRENCH BACKFILL	CU YD	15	5	10	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,500	2500	0	
	21400100	GRADING AND SHAPING DITCHES	FOOT	360	360	0	
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	40	40	0	
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	40	40	0	
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	40	40	0	
	25200110	SODDING, SALT TOLERANT	SQ YD	2,500	2500	0	
	25200200	SUPPLEMENTAL WATERING	UNIT	113	113	0	
	28000510	INLET FILTERS	EACH	10	10	0	
	28300400	AGGREGATE DITCH	TON	130	0	130	
	31101180	SUBBASE GRANULAR MATERIAL, TYPE B, 2"	SQ YD	1,495	1463	32	
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	15	0	15	
	40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	30	0	30	
	40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	71	63	8	


FILE NAME **FAU 3776 (91ST STREET)**
 FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
 TO
 FAP 370 (WESTERN AVE.)
 91ST STREET SIDEWALK INSTALLATION
 #23178

USER NAME --	DESIGNED -- THK	REVISED -- 1-22-24
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**STATE OF ILLINOIS
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SUMMARY OF QUANTITIES

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		545 Plainfield Road, Suite A Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132 <small>Illinois Professional Design Firm No. 184-002928</small>		
		F.A.U. RTE.	SECTION	COUNTY
3776	14-00093-00-SW	COOK	29	3
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61K36	
		CNM(051)		

Specialty Item	Code Number	Item	Unit	Total Quantity	80% Fed Local	20% Local	100% Fed
					Construction Code Roadway 0021	Construction Code Railroad	
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	50	47	3	
	42000300	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SQ YD	28	23	5	
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10,915	10,635	280	
	42400400	PORTLAND CEMENT CONCRETE SIDEWALK 7 INCH	SQ FT	334	334	0	
	42400800	DETECTABLE WARNINGS	SQ FT	90	70	20	
	44000100	PAVEMENT REMOVAL	SQ YD	28	23	5	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	256	256	0	
	44000300	CURB REMOVAL	FOOT	7	7	0	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	91	91	0	
	550B0050	STORM SEWERS, CLASS B, TYPE 1, 12"	FOOT	5	5	0	
	55100500	STORM SEWER REMOVAL 12"	FOOT	- 13	0	13	
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	0	
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1	0	
	60255500	MANHOLES TO BE ADJUSTED	EACH	4	4	0	
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3	0	
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1	0	


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3776	14-00093-00-SW	COOK	29	4
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Specialty Item	Code Number	Item	Unit	Total Quantity	80% Fed	20% Local	100% Fed
					Construction Code Roadway 0021	Construction Code Railroad	
	60500050	REMOVING CATCH BASINS	EACH	1	0		1
	60600605	CONCRETE CURB, TYPE B	FOOT	7	7		0
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	91	91		0
*	66400105	CHAIN LINK FENCE, 4'	FOOT	30	0		30
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	4	2.0		2.0
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	0.5		0.5
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.5		0.5
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.5		0.5
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2	1		1
	67100100	MOBILIZATION	L SUM	1	0.5		0.5
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5		0.5
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5		0.5
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.5		0.5
*	72000100	SIGN PANEL - TYPE 1	SQ FT	34	22		12
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3		0
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	20	20		0
*	78000100	THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SQ FT	46	46		0

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NOVOTNY ENGINEERING
 Illinois Professional Design Firm No. 184-002928
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: (630) 897-8640
 F: (630) 887-0132

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	5

CONTRACT NO. 61K36
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCL(051)

					80% Fed	20%	100% Fed
					Local		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	30	30		0
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	280	280		0
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	100	100		0
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	80	80		0
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	164	164		0
*	X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	2		0
	X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	1	1		0
*	X2200005	DELINEATOR (SPECIAL)	EACH	20	0		20
*	X2200008	GATE, SPECIAL, (ESCAPE PAD SWING GATE)	EACH	2	0		2
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2		0
	X6640300	CHAIN LINK FENCE REMOVAL	FOOT	24	0		24
	XZ127902	RETAINING WALL, SPECIAL	SQ FT	250	0		250
	Z0075505	TIMBER RETAINING WALL REMOVAL	FOOT	15	0		15
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	58	32		26
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0		1
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5		0.5


FILE NAME **FAU 3776 (91ST STREET)**
FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
TO
FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
#23178

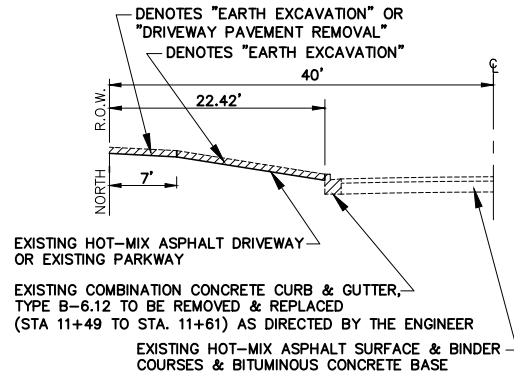
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	DRAWN - JFP	REVISED - 2-19-24
PLOT SCALE -	CHECKED - WEL	REVISED - 2-29-24
PLOT DATE -	DATE - 11-15-23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

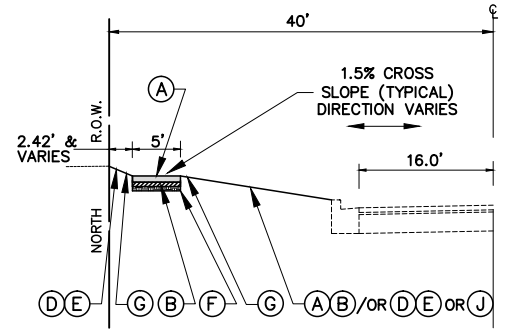
 NOVOTNY ENGINEERING	545 Plainfield Road, Suite A Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132 Illinois Professional Design Firm No. 184-002926			
	F.A.U. RTE. 3776	SECTION 14-00093-00-SW	COUNTY COOK	TOTAL SHEETS 29
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 81K36 CNCM(051)	



INDICATES REMOVAL ITEMS AS APPLICABLE "COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT", "DRIVEWAY PAVEMENT REMOVAL", OR "EARTH EXCAVATION"

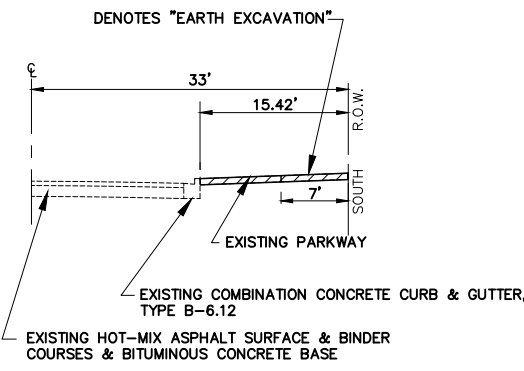
EXISTING TYPICAL SECTION

STA. 5+61 TO STA. 9+22, FAU 3776 (91ST STREET)



PROPOSED TYPICAL SECTION

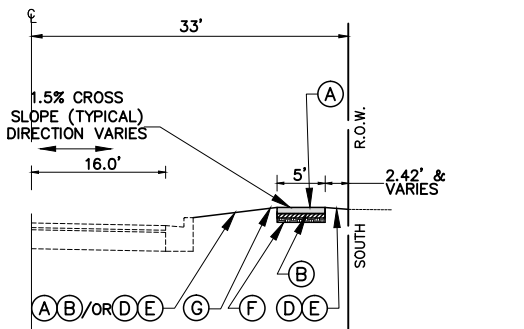
STA. 5+61 TO STA. 9+22, FAU 3776 (91ST STREET)



INDICATES REMOVAL ITEMS AS APPLICABLE "COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT", "DRIVEWAY PAVEMENT REMOVAL", OR "EARTH EXCAVATION"

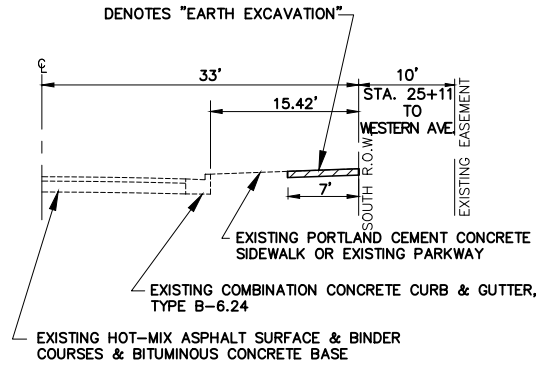
EXISTING TYPICAL SECTION

STA. 9+22 TO STA. 14+09, FAU 3776 (91ST STREET)



PROPOSED TYPICAL SECTION

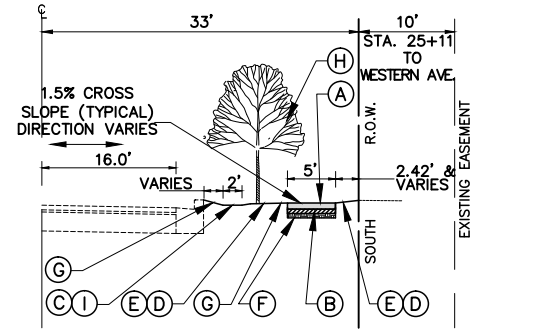
STA. 9+22 TO STA. 14+09, FAU 3776 (91ST STREET)



INDICATES REMOVAL ITEMS AS APPLICABLE "COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT", "DRIVEWAY PAVEMENT REMOVAL", OR "EARTH EXCAVATION"

EXISTING TYPICAL SECTION

STA. 14+80 TO STA. 27+24, FAU 3776 (91ST STREET)



PROPOSED TYPICAL SECTION

STA. 14+80 TO STA. 27+24, FAU 3776 (91ST STREET)

NOTE:
"COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT" AT DETECTABLE WARNING LOCATIONS PER PERPENDICULAR CURB RAMPS FOR SIDEWALKS AND MID-BLOCK CURB RAMPS FOR SIDEWALKS STANDARDS 424001-11 AND 424016-05.

NOTE:
CONSTRUCTION FOR ADA COMPLIANCE:
MAXIMUM PATHWAY AND SIDEWALK CROSS SLOPES=2%
MAXIMUM PATHWAY AND SIDEWALK LONGITUDINAL SLOPE=5%

PROPOSED LEGEND

- PORTLAND CEMENT CONCRETE SIDEWALK:
- (A) PROPOSED "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (7 INCH AT DRIVEWAYS)
 - (B) PROPOSED "SUBBASE GRANULAR MATERIAL, TYPE B", 2 INCH
- ALL SIDEWALK LOCATIONS:
- (C) PROPOSED "GRADING & SHAPING DITCHES", AS NECESSARY
 - (D) PROPOSED "TOPSOIL FURNISH AND PLACE, 4 INCH" (ALL DISTURBED AREAS)
 - (E) PROPOSED "SODDING, SALT TOLERANT" (ALL DISTURBED AREAS)
 - (F) PROPOSED COMPACTED SUBGRADE
 - (G) PROPOSED 4% MAXIMUM CROSS SLOPE (1% MINIMUM)
 - (H) PROPOSED TREE ROOT PRUNING OF EXISTING TREE
 - (I) PROPOSED DITCH BOTTOMS SHALL BE 2' WIDE
 - (J) PROPOSED INCIDENTAL HOT-MIX ASPHALT SURFACING, 3 INCH

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QMP
<u>ROADWAY PAVEMENT</u>		
INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"	4% @ 50 GYR	LR 1030-2
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 50 (IL 9.5 mm), 3" (TO BE PLACED IN TWO EQUAL LIFTS)		
<u>HMA DRIVEWAYS</u>		
INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"	4% @ 50 GYR	LR 1030-2
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 50 (IL 9.5 mm), 3" (TO BE PLACED IN TWO EQUAL LIFTS)		

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

"THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIAL PROVISIONS

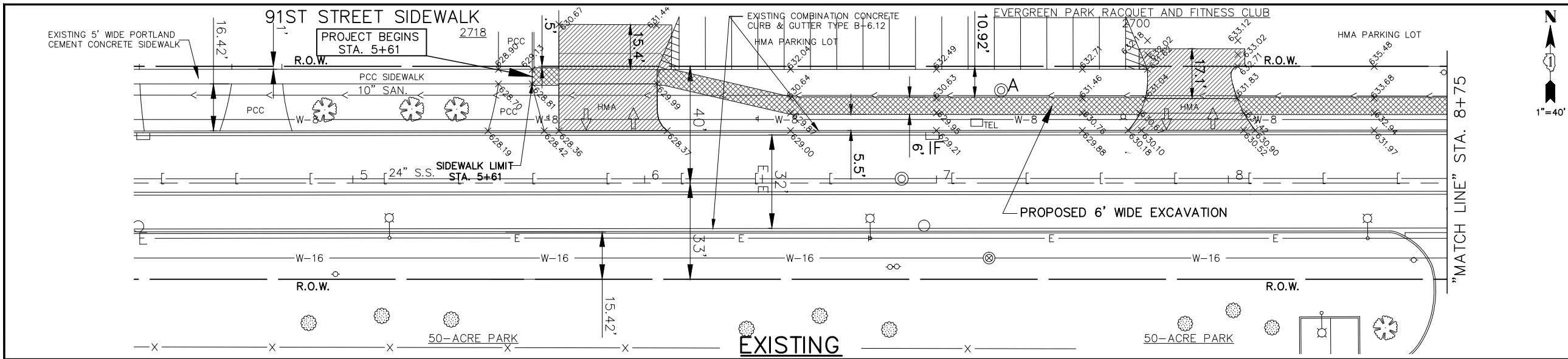
NOVOTNY ENGINEERING
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Willowbrook, IL 60527
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F: (630) 887.0132
Illinois Professional Design Firm No. 184-000928

FILE NAME FAU 3776 (91ST STREET) FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.) TO FAP 370 (WESTERN AVE.) 91ST STREET SIDEWALK INSTALLATION #23178	USER NAME =	DESIGNED -- THK	REVISED -- 1-22-24
	PLOT SCALE =	DRAWN -- JFP	REVISED -- 2-19-24
	PLOT DATE =	CHECKED -- WEL	REVISED --
		DATE -- 11-15-23	REVISED --

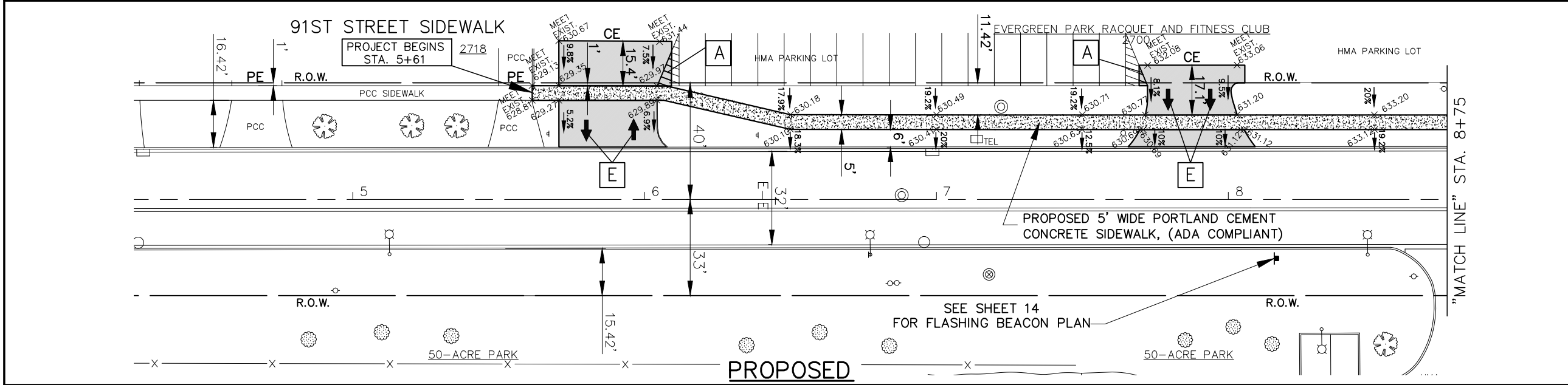
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	

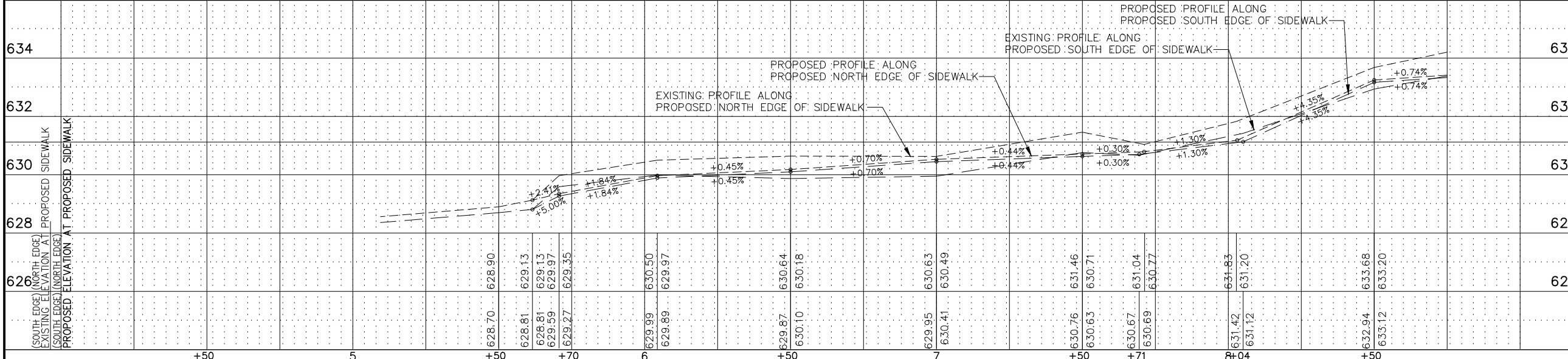
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	7
CONTRACT NO. 61K36				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)				



- EXISTING REMOVAL LEGEND**
- Denotes Earth Excavation
 - Denotes Pavement Removal
 - Denotes Driveway Pavement Removal
 - Denotes Combination Curb and Gutter Removal
 - Denotes Curb Removal
 - Denotes Tree Root Pruning of Existing Tree
 - Denotes Tree Protection
 - Denotes Existing Shrub
- EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND**
- Denotes Storm Sewer Removal
 - IF Drainage Structure Inlet Filters
 - "RE" Denotes Existing Removing Catch Basins
 - "A" Denotes Existing Catch Basins to be Adjusted
 - "A" Denotes Existing Manholes to be Adjusted
 - "A" Denotes Existing Valve Vaults to be Adjusted
 - "A" Denotes Existing Valve Boxes to be Adjusted
- THERMOPLASTIC PAVEMENT MARKING REMOVAL**
- Centerline - Double Solid Yellow 4"
 - Stop Bar - Solid White 24"



- PROPOSED IMPROVEMENT LEGEND**
- Denotes Portland Cement Concrete Sidewalk, 5 inch on Subbase Granular Material, Type B, 2 inch (7 inch at Driveways)
 - Denotes Incidental Hot-Mix Asphalt Surfacing, 3 inch on Portland Cement Concrete Pavement, 8 inch
 - Denotes Incidental Hot-Mix Asphalt Surfacing, 3 inch
 - Denotes Combination Concrete Curb and Gutter, Type B-6.12
 - Denotes Concrete Curb, Type B
 - Denotes P.C. Concrete Sidewalk, 5 inch with Detectable Warnings per I.D.O.T. Standards 424001-11 and 424016-05 for Handicap Ramps (Where Applicable)
 - Proposed Flashing Beacon and Signing
- PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND**
- Proposed Storm Sewers, Class B Type 1, 12" (Length as Noted)
 - Proposed Inlets, Type C, Type 1 Frame, Open Lid
 - Proposed Catch Basin, Type C, Type 1 Frame, Open Lid
 - Proposed Elevation
- THERMOPLASTIC PAVEMENT MARKING CODE AND SIGNING**
- Parking Lot Line - Solid White Thermoplastic Pavement Marking - Line 4"
 - Crosswalk Line - Solid White Thermoplastic Pavement Marking - Line 6"
 - Crosswalk Line - Solid White Thermoplastic Pavement Marking - Line 12"
 - Stop Bar - Solid White Thermoplastic Pavement Marking - Line 24"
 - Letters & Symbols - Solid White Thermoplastic Pavement Marking
 - Relocate Sign Panel Assembly - Type A



FOR TYPICAL CROSS SECTION OF NEW SIDEWALK WORK SEE SHEET 7

GRAPHIC SCALE
0 IN FEET 20 40

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

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Willowbrook, IL 60527
T: (630) 887.8640
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Illinois Professional Design Firm No. 184-000928

FILE NAME: **FAU 3776 (91ST STREET)**
FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
TO
FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

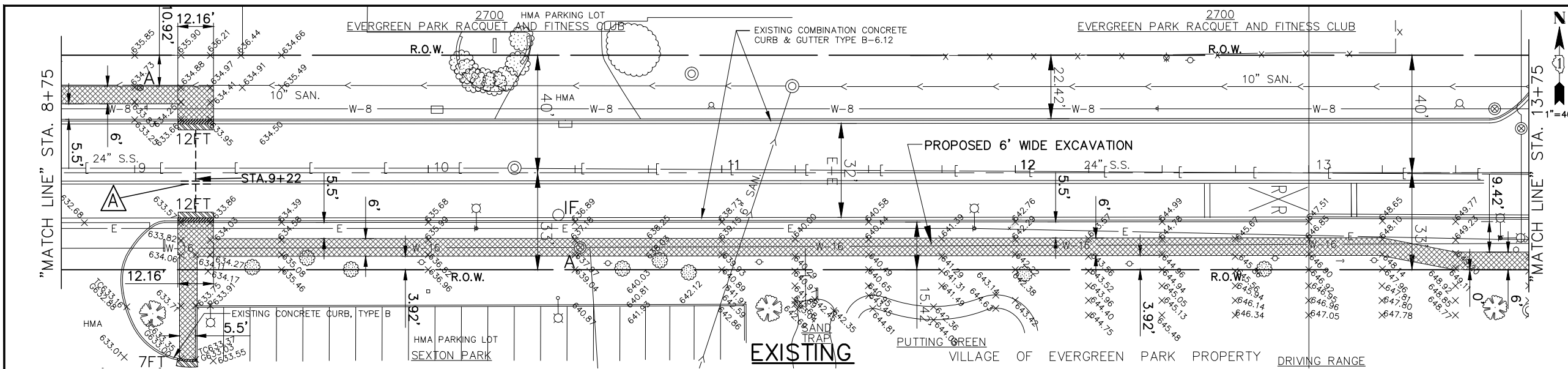
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PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE:
FAU 3776 (91ST STREET)
 (EXISTING REMOVAL AND PROPOSED SIDEWALK INSTALLATION)

SCALE: AS NOTED | SHEET NO. OF SHEETS | STA. 5+47 TO STA. 8+75

F.A.U. R.T.L.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K36 CNCM(051)	



EXISTING REMOVAL LEGEND

- Denotes Earth Excavation
- Denotes Pavement Removal
- Denotes Driveway Pavement Removal
- Denotes Combination Curb and Gutter Removal
- Denotes Curb Removal
- Denotes Tree Root Pruning of Existing Tree
- Denotes Tree Protection
- Denotes Existing Shrub

EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND

- Denotes Storm Sewer Removal
- Denotes Drainage Structure Inlet Filters
- Denotes Existing Removing Catch Basins
- Denotes Existing Catch Basins to be Adjusted
- Denotes Existing Manholes to be Adjusted
- Denotes Existing Valve Vaults to be Adjusted
- Denotes Existing Valve Boxes to be Adjusted

THERMOPLASTIC PAVEMENT MARKING REMOVAL

- Centerline - Double Solid Yellow 4"
- Stop Bar - Solid White 24"

PROPOSED IMPROVEMENT LEGEND

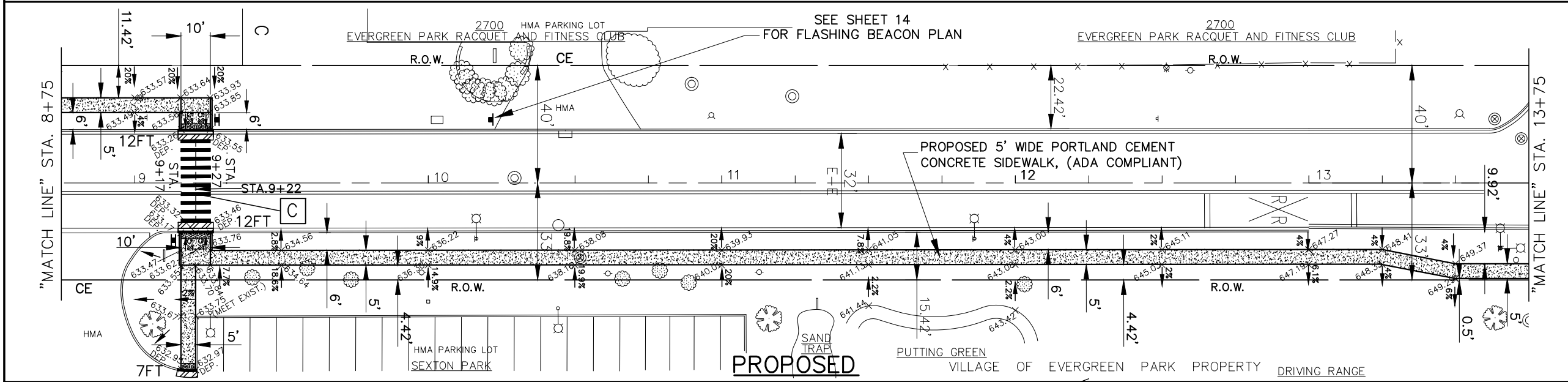
- Denotes Portland Cement Concrete Sidewalk, 5 inch on subbase granular material, type B, 2 inch (7 inch at driveways)
- Denotes Incidental Hot-Mix Asphalt Surfacing, 3 inch on Portland Cement Concrete Pavement, 8 inch
- Denotes Incidental Hot-Mix Asphalt Surfacing, 3 inch
- Denotes Combination Concrete Curb and Gutter, Type B-6.12
- Denotes Concrete Curb, Type B
- Denotes P.C. Concrete Sidewalk, 5 inch with detectable warnings per I.D.O.T. Standards 424001-11 and 424016-05 for handicap ramps (where applicable)
- Proposed Flashing Beacon and Signing

PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- Proposed Storm Sewers, Class B Type 1, 12" (Length as noted)
- Proposed Inlets, Type C, Type 1 Frame, Open Lid
- Proposed Catch Basin, Type C, Type 1 Frame, Open Lid
- Proposed Elevation

THERMOPLASTIC PAVEMENT MARKING CODE AND SIGNING

- Parking Lot Line - Solid White ThermoPlastic Pavement Marking - Line 4"
- Crosswalk Line - Solid White ThermoPlastic Pavement Marking - Line 6"
- Crosswalk Line - Solid White ThermoPlastic Pavement Marking - Line 12"
- Stop Bar - Solid White ThermoPlastic Pavement Marking - Line 24"
- Letters & Symbols - Solid White ThermoPlastic Pavement Marking
- Relocate Sign Panel Assembly - Type A

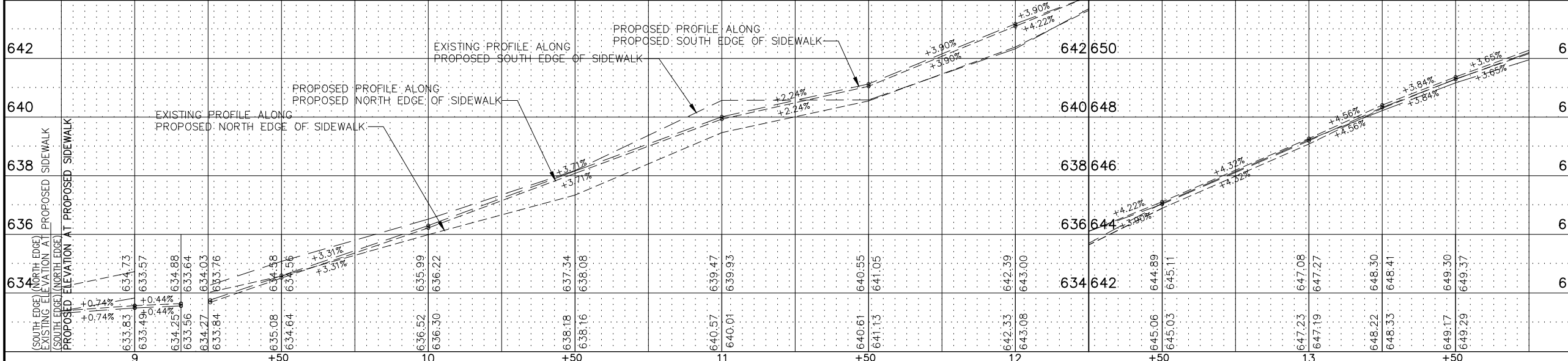


PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- Proposed Storm Sewers, Class B Type 1, 12" (Length as noted)
- Proposed Inlets, Type C, Type 1 Frame, Open Lid
- Proposed Catch Basin, Type C, Type 1 Frame, Open Lid
- Proposed Elevation

THERMOPLASTIC PAVEMENT MARKING CODE AND SIGNING

- Parking Lot Line - Solid White ThermoPlastic Pavement Marking - Line 4"
- Crosswalk Line - Solid White ThermoPlastic Pavement Marking - Line 6"
- Crosswalk Line - Solid White ThermoPlastic Pavement Marking - Line 12"
- Stop Bar - Solid White ThermoPlastic Pavement Marking - Line 24"
- Letters & Symbols - Solid White ThermoPlastic Pavement Marking
- Relocate Sign Panel Assembly - Type A



FOR ADA RAMP DETAILS SEE SHEET 17

FOR TYPICAL CROSS SECTION OF NEW SIDEWALK WORK SEE SHEET 7

GRAPHIC SCALE
20 0 IN FEET 20 40

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

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F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	10

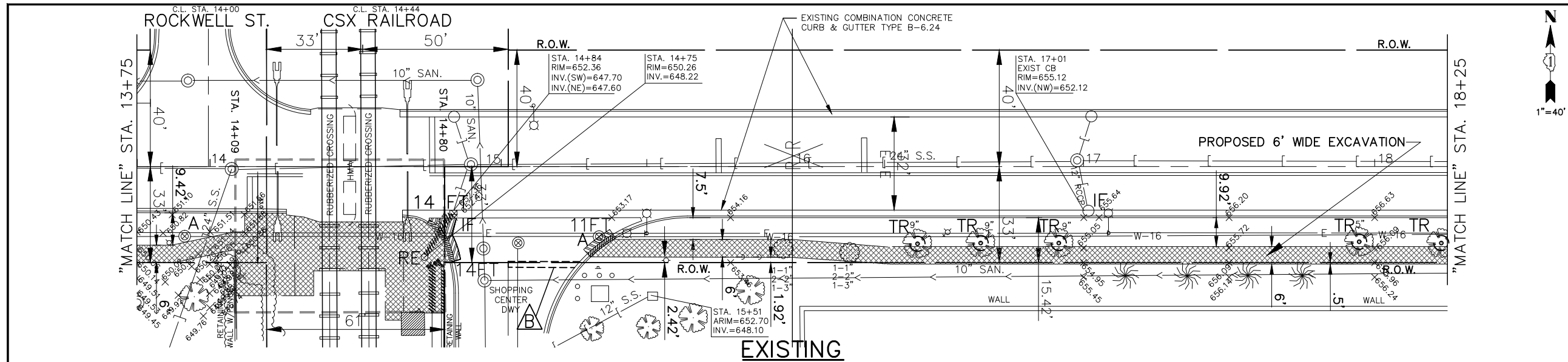
CONTRACT NO. 61K36
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)

FILE NAME: **FAU 3776 (91ST STREET)**
FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

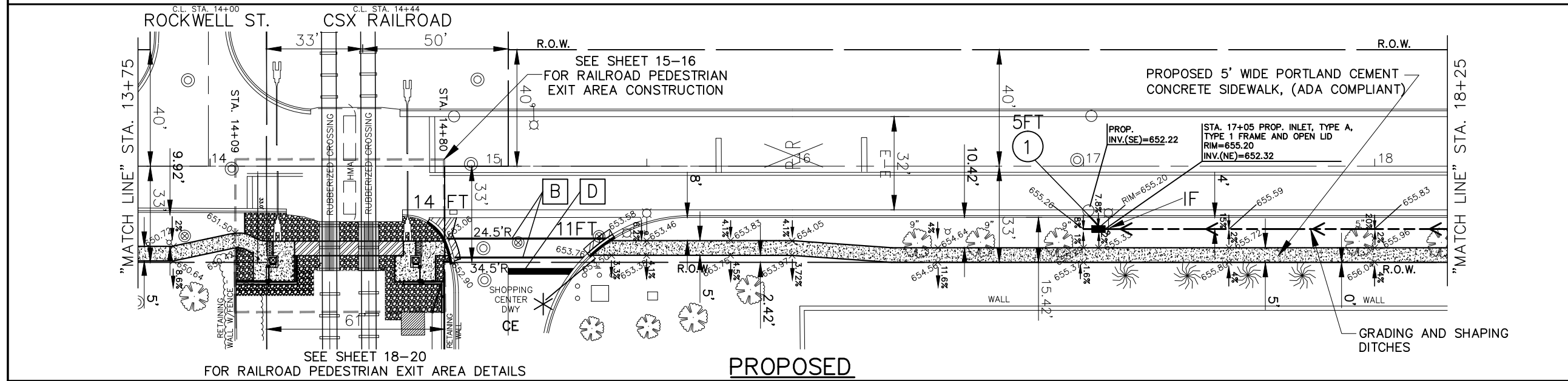
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PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

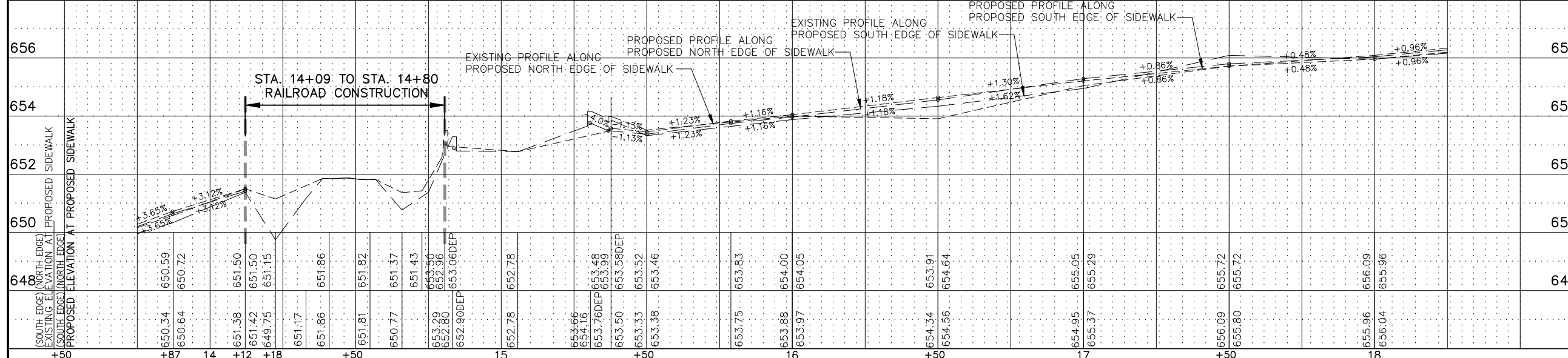
PLAN & PROFILE:
FAU 3776 (91ST STREET)
(EXISTING REMOVAL AND PROPOSED SIDEWALK INSTALLATION)
 SCALE: AS NOTED | SHEET NO. OF SHEETS | STA. 8+75 TO STA. 13+75



- EXISTING REMOVAL LEGEND**
- Denotes EARTH EXCAVATION
 - Denotes PAVEMENT REMOVAL
 - Denotes DRIVEWAY PAVEMENT REMOVAL
 - Denotes COMBINATION CURB AND GUTTER REMOVAL
 - Denotes CURB REMOVAL
 - Denotes TREE ROOT PRUNING OF EXISTING TREE
 - Denotes TREE PROTECTION
 - Denotes EXISTING SHRUB
- EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND**
- Denotes STORM SEWER REMOVAL
 - IF DENOTES EXISTING REMOVING CATCH BASINS
 - RE DENOTES EXISTING REMOVING CATCH BASINS TO BE ADJUSTED
 - A DENOTES EXISTING CATCH BASINS TO BE ADJUSTED
 - A DENOTES EXISTING MANHOLES TO BE ADJUSTED
 - A DENOTES EXISTING VALVE VAULTS TO BE ADJUSTED
 - A DENOTES EXISTING VALVE BOXES TO BE ADJUSTED
- THERMOPLASTIC PAVEMENT MARKING REMOVAL**
- Denotes CENTERLINE - DOUBLE SOLID YELLOW 4"
 - Denotes STOP BAR - SOLID WHITE 24"



- PROPOSED IMPROVEMENT LEGEND**
- Denotes PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH (7 INCH AT DRIVEWAYS)
 - Denotes INCIDENTAL HOT-MIX ASPHALT SURFACING, 3 INCH ON PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH
 - Denotes INCIDENTAL HOT-MIX ASPHALT SURFACING, 3 INCH
 - Denotes COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - Denotes CONCRETE CURB, TYPE B
 - Denotes P.C. CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS 424001-11 AND 424016-05 FOR HANDICAP RAMPS (WHERE APPLICABLE)
 - Denotes PROPOSED FLASHING BEACON AND SIGNING
- PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND**
- Denotes PROPOSED STORM SEWERS, CLASS B TYPE 1, 12" (LENGTH AS NOTED)
 - Denotes PROPOSED INLETS, TYPE C, TYPE 1 FRAME, OPEN LID
 - Denotes PROPOSED CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID
 - Denotes PROPOSED ELEVATION
- THERMOPLASTIC PAVEMENT MARKING CODE AND SIGNING**
- Denotes PARKING LOT LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4"
 - Denotes CROSSWALK LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6"
 - Denotes CROSSWALK LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 12"
 - Denotes STOP BAR - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24"
 - Denotes LETTERS & SYMBOLS - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
 - Denotes RELOCATE SIGN PANEL ASSEMBLY - TYPE A



FOR TYPICAL CROSS SECTION OF NEW SIDEWALK WORK SEE SHEET 7

GRAPHIC SCALE
0 IN FEET 20 40

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

FILE NAME: **FAU 3776 (91ST STREET)**
FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

USER NAME =	DESIGNED - THK	REVISED - 1-22-24
PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

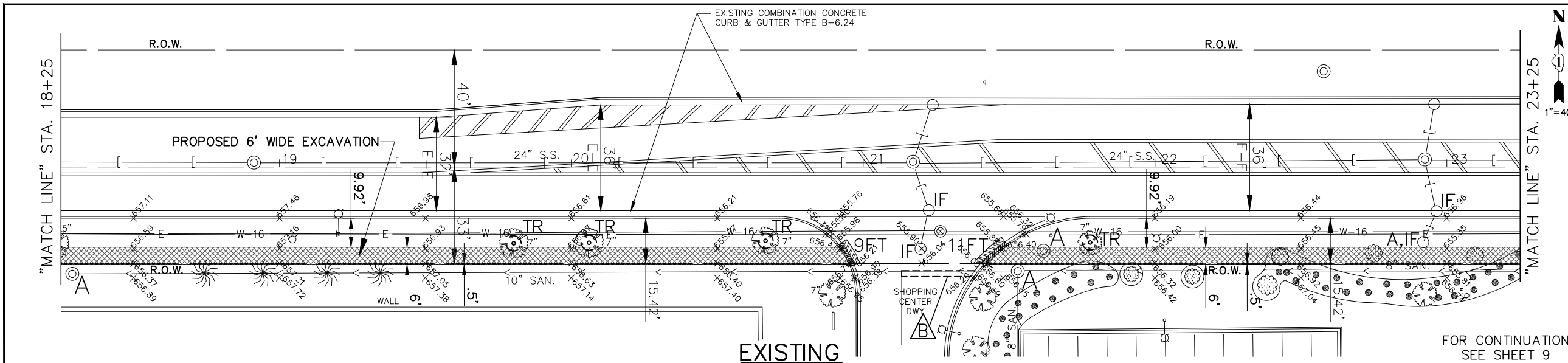
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE:
FAU 3776 (91ST STREET)
 (EXISTING REMOVAL AND PROPOSED SIDEWALK INSTALLATION)

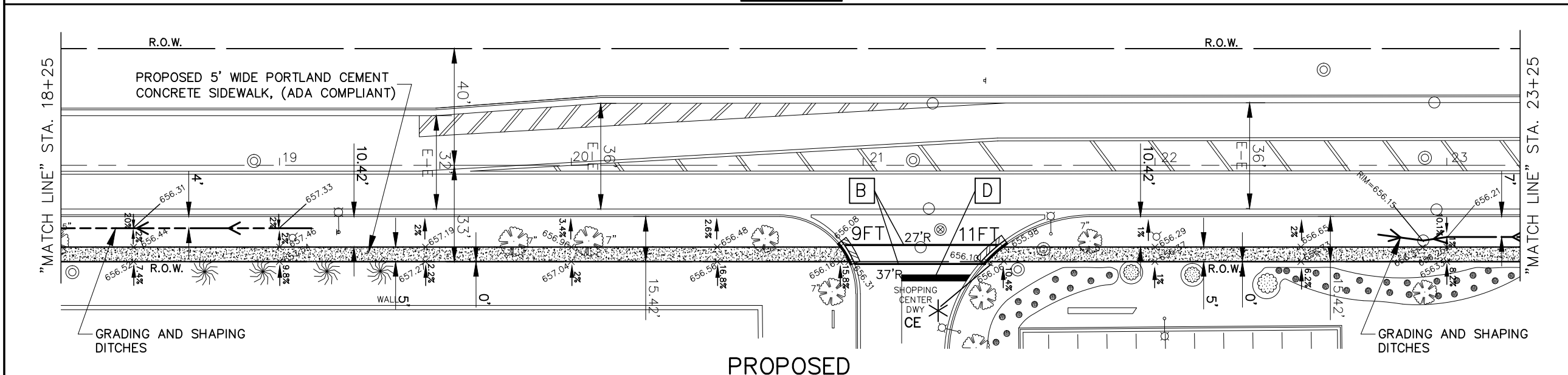
SCALE: AS NOTED | SHEET NO. OF SHEETS | STA. 13+75 TO STA. 18+25

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	11
CONTRACT NO. 61K36			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)	

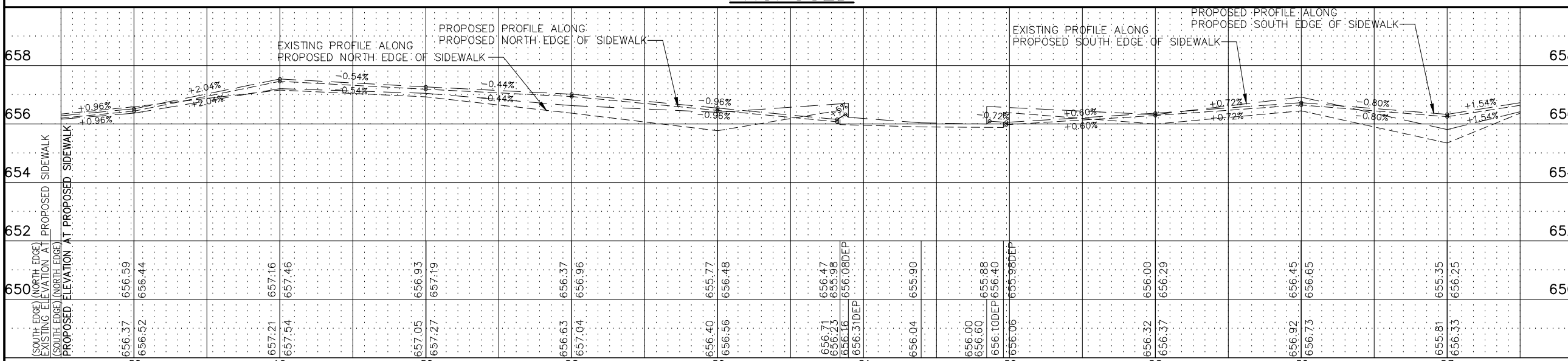
NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-000928



- EXISTING REMOVAL LEGEND**
- DENOTES EARTH EXCAVATION
 - DENOTES PAVEMENT REMOVAL
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - DENOTES CURB REMOVAL
 - DENOTES TREE ROOT PRUNING OF EXISTING TREE
 - DENOTES TREE PROTECTION
 - DENOTES EXISTING SHRUB
- EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND**
- DENOTES STORM SEWER REMOVAL
 - DENOTES EXISTING REMOVING CATCH BASINS
 - DENOTES EXISTING CATCH BASINS TO BE ADJUSTED
 - DENOTES EXISTING MANHOLES TO BE ADJUSTED
 - DENOTES EXISTING VALVE VAULTS TO BE ADJUSTED
 - DENOTES EXISTING VALVE BOXES TO BE ADJUSTED
- THERMOPLASTIC PAVEMENT MARKING REMOVAL**
- CENTERLINE - DOUBLE SOLID YELLOW 4"
 - STOP BAR - SOLID WHITE 24"



- PROPOSED IMPROVEMENT LEGEND**
- DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH (7 INCH AT DRIVEWAYS)
 - DENOTES INCIDENTAL HOT-MIX ASPHALT SURFACING, 3 INCH ON PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH
 - DENOTES INCIDENTAL HOT-MIX ASPHALT SURFACING, 3 INCH
 - DENOTES COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - DENOTES CONCRETE CURB, TYPE B
 - DENOTES P.C. CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS 424001-11 AND 424016-05 FOR HANDICAP RAMPS (WHERE APPLICABLE)
 - DENOTES FLASHING BEACON AND SIGNING
- PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND**
- PROPOSED STORM SEWERS, CLASS B TYPE 1, 12" (LENGTH AS NOTED) ①
 - PROPOSED INLETS, TYPE C, TYPE 1 FRAME, OPEN LID
 - PROPOSED CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID
 - PROPOSED ELEVATION
- THERMOPLASTIC PAVEMENT MARKING CODE AND SIGNING**
- PARKING LOT LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4"
 - CROSSWALK LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6"
 - CROSSWALK LINE - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 12"
 - STOP BAR - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24"
 - LETTERS & SYMBOLS - SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
 - RELOCATE SIGN PANEL ASSEMBLY - TYPE A



- FOR TYPICAL CROSS SECTION OF NEW SIDEWALK WORK SEE SHEET 7**
- GRAPHIC SCALE**
 20 0 IN FEET 20 40
 ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

FILE NAME **FAU 3776 (91ST STREET)**
FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

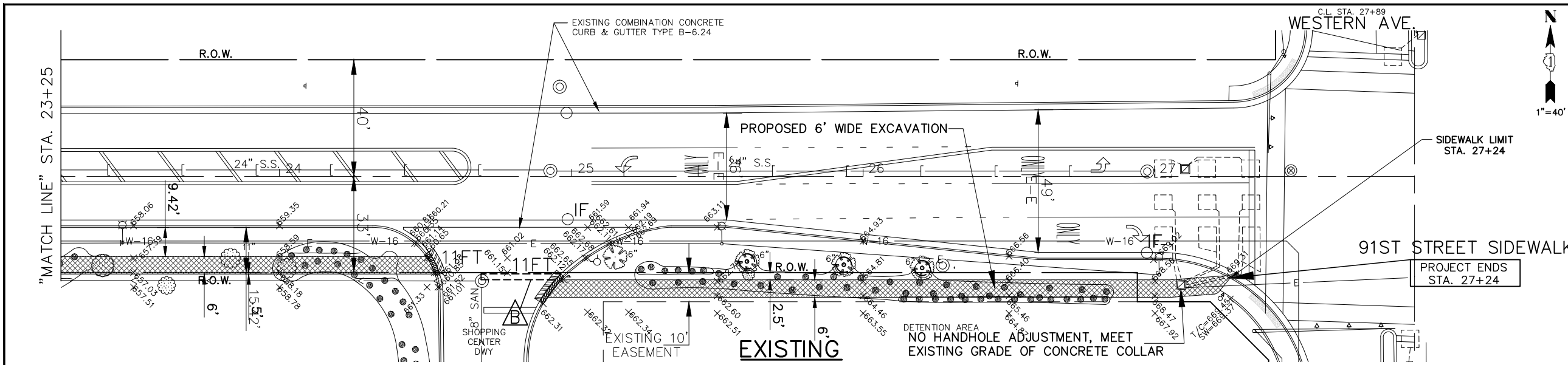
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PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

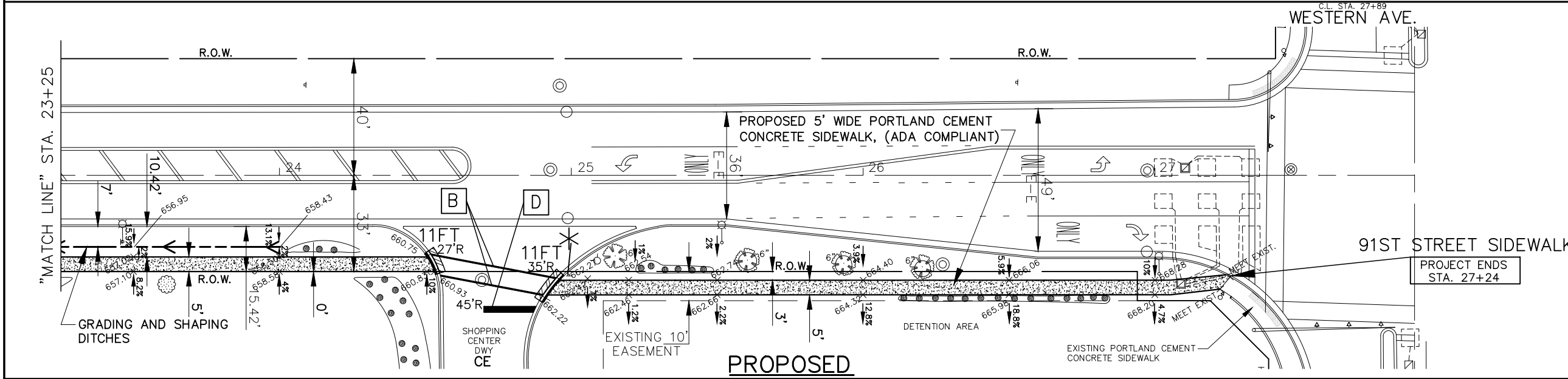
PLAN & PROFILE:
FAU 3776 (91ST STREET)-
(EXISTING REMOVAL AND PROPOSED SIDEWALK INSTALLATION)
 SCALE: AS NOTED | SHEET NO. OF SHEETS | STA. 18+25 TO STA. 23+25

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K36 CNCM(051)	

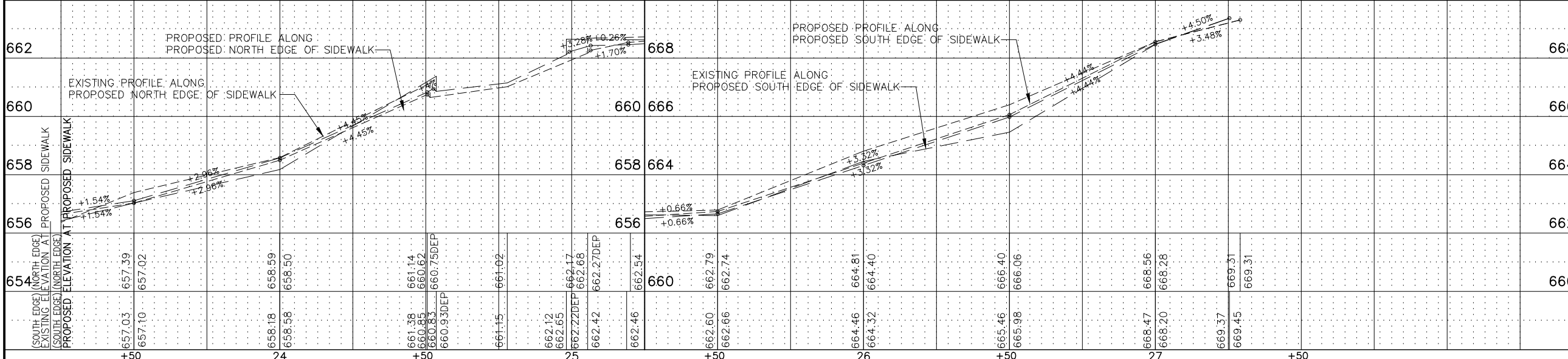
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 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-000928



- EXISTING REMOVAL LEGEND**
- Denotes Earth Excavation
 - Denotes Pavement Removal
 - Denotes Driveway Pavement Removal
 - Denotes Combination Curb and Gutter Removal
 - Denotes Curb Removal
 - Denotes Tree Root Pruning of Existing Tree
 - Denotes Tree Protection
 - Denotes Existing Shrub
- EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND**
- Denotes Storm Sewer Removal
 - IF Drainage Structure Inlet Filters
 - "RE" Denotes Existing Removing Catch Basins
 - "A" Denotes Existing Catch Basins to be Adjusted
 - "A" Denotes Existing Manholes to be Adjusted
 - "A" Denotes Existing Valve Vaults to be Adjusted
 - "A" Denotes Existing Valve Boxes to be Adjusted
- THERMOPLASTIC PAVEMENT MARKING REMOVAL**
- Centerline - Double Solid Yellow 4"
 - Stop Bar - Solid White 24"



- PROPOSED IMPROVEMENT LEGEND**
- Denotes Portland Cement Concrete Sidewalk, 5 inch on subbase granular material, type B, 2 inch (7 inch at driveways)
 - Denotes Incidental Hot-Mix Asphalt Surfacing, 3 inch on Portland Cement Concrete Pavement, 8 inch
 - Denotes Incidental Hot-Mix Asphalt Surfacing, 3 inch
 - Denotes Combination Concrete Curb and Gutter, Type B-6.12
 - Denotes Concrete Curb, Type B
 - Denotes P.C. Concrete Sidewalk, 5 inch with detectable warnings per I.D.O.T. Standards 424001-11 and 424016-05 for handicap ramps (where applicable)
 - Proposed Flashing Beacon and Signing
- PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND**
- Proposed Storm Sewers, Class B Type 1, 12" (Length as Noted)
 - Proposed Inlets, Type C, Type 1 Frame, Open Lid
 - Proposed Catch Basin, Type C, Type 1 Frame, Open Lid
 - Proposed Elevation
- THERMOPLASTIC PAVEMENT MARKING CODE AND SIGNING**
- Parking Lot Line - Solid White ThermoPlastic Pavement Marking - Line 4"
 - Crosswalk Line - Solid White ThermoPlastic Pavement Marking - Line 6"
 - Crosswalk Line - Solid White ThermoPlastic Pavement Marking - Line 12"
 - Stop Bar - Solid White ThermoPlastic Pavement Marking - Line 24"
 - Letters & Symbols - Solid White ThermoPlastic Pavement Marking
 - Relocate Sign Panel Assembly - Type A



FILE NAME **FAU 3776 (91ST STREET)**
FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

USER NAME =	DESIGNED - THK	REVISED - 1-22-24
PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

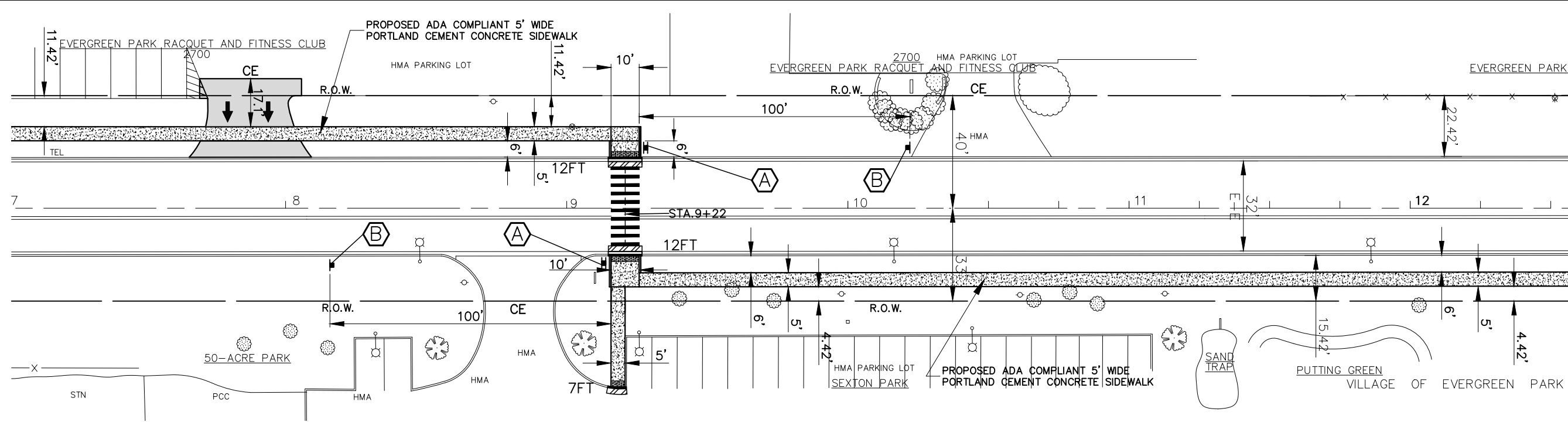
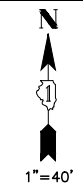
PLAN & PROFILE:
FAU 3776 (91ST STREET)
(EXISTING REMOVAL AND PROPOSED SIDEWALK INSTALLATION)
 SCALE: AS NOTED | SHEET NO. OF SHEETS | STA. 23+25 TO STA. 27+29

GRAPHIC SCALE
 20 0 IN FEET 20 40

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

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F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K36 CNM(C051)	

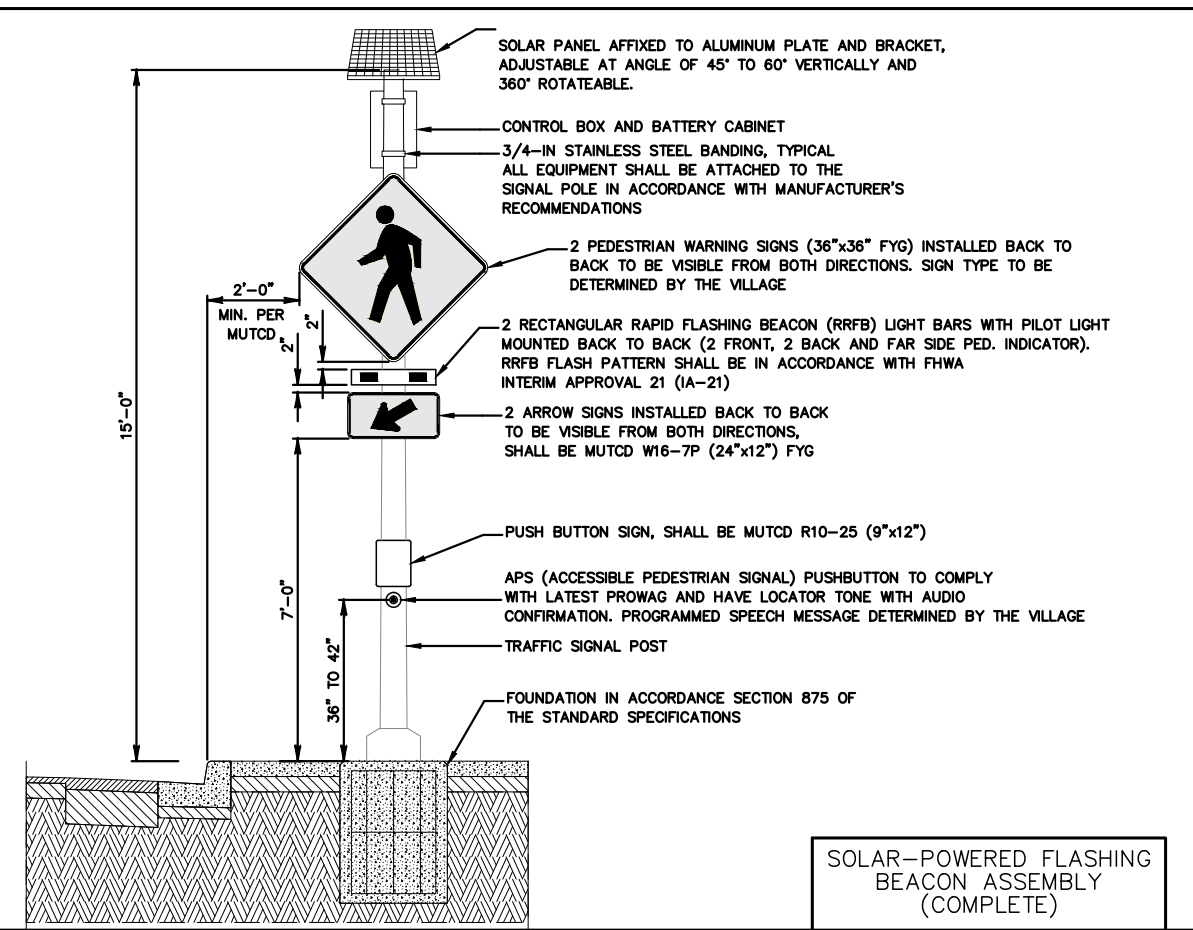


SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL
SIGN PANEL - TYPE 1 (2 EACH)	SQ FT	22
TELESCOPING STEEL SIGN SUPPORT (2 EACH)	FOOT	20
SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE) (2 EACH)	EACH	2

NOTE: SIGN AND SUPPORTS SHALL BE TYPE ZZ SIGN SHEETING AND TELESCOPING STEEL SIGN SUPPORTS

(A)

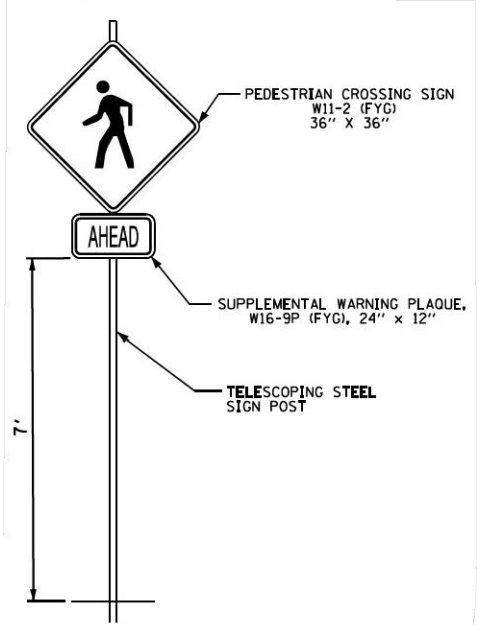


SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)

ALL WORK AND MATERIALS TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INTERIM APPROVAL 21 - RECTANGULAR FLASHING BEACONS AT CROSS WALKS.

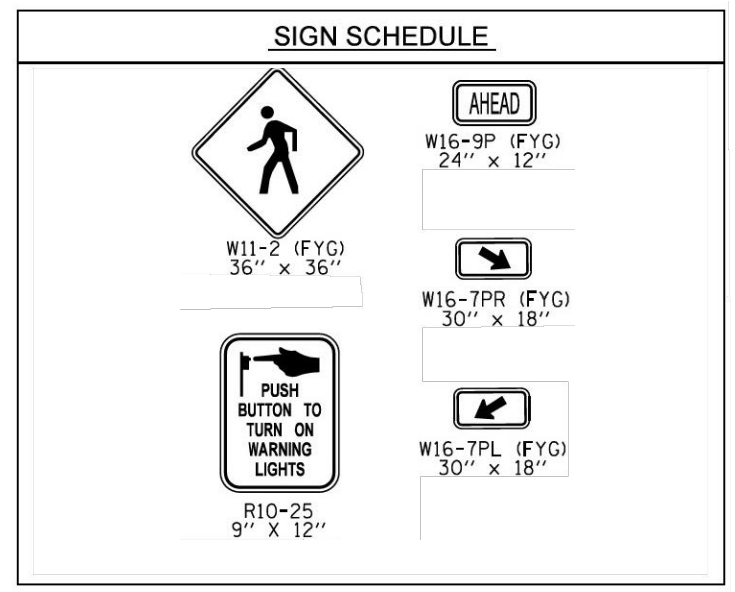
ALL SIGNS INSTALLED WITH THE SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE) ARE INCLUDED IN THAT ITEM AND NOT PAID FOR SEPARATELY.

(B)



SIGN PANEL - TYPE 1 W/TELESCOPING STEEL SIGN SUPPORT DETAIL

SIGN SCHEDULE



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 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
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 Illinois Professional Design Firm No. 184-000928

FILE NAME **FAU 3776 (91ST STREET)**
 FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
 TO
 FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

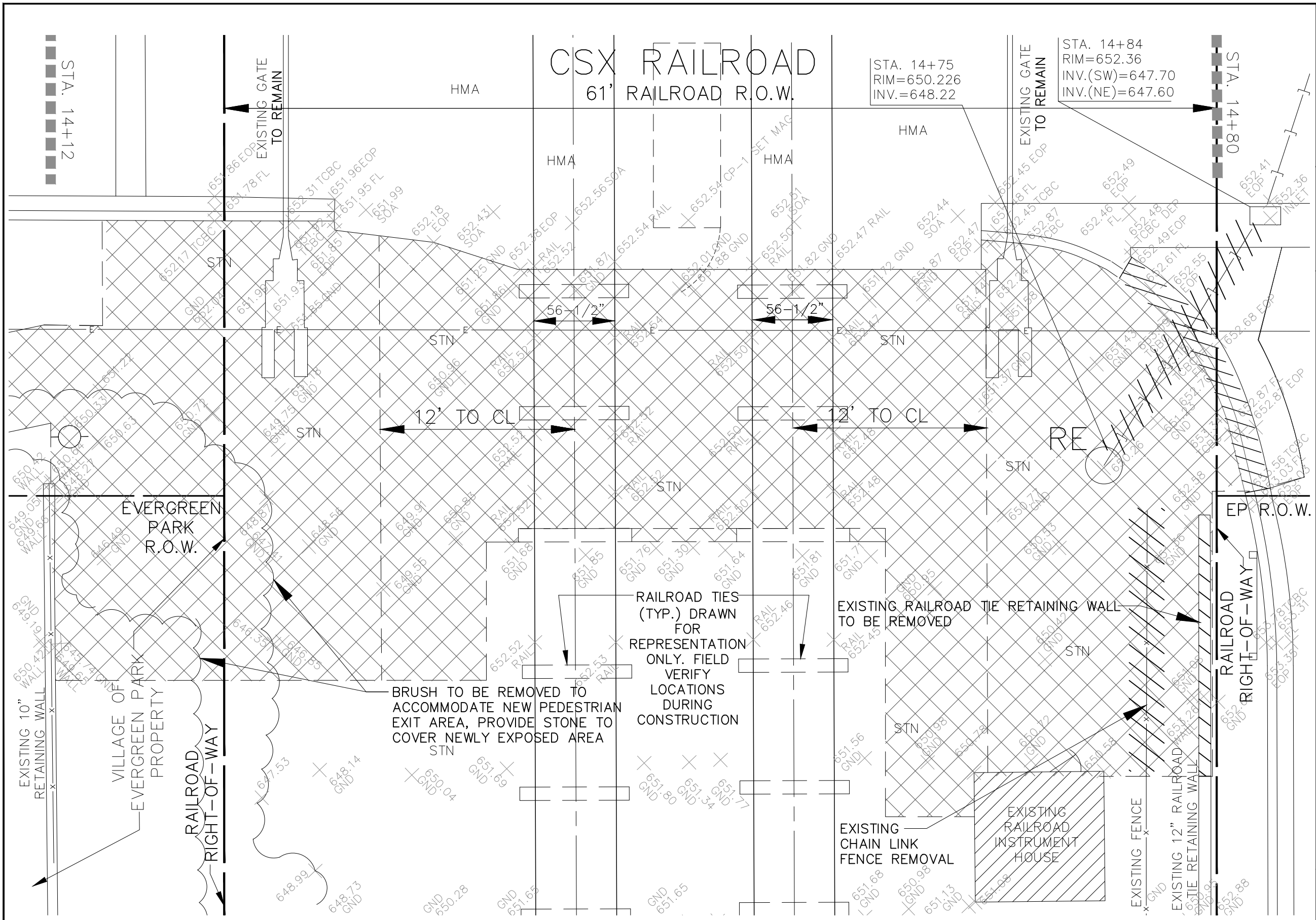
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PLOT DATE =	CHECKED - WEL	REVISED - 2-23-24
	DATE - 11-15-23	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN:
FAU 3776 (91ST STREET)-
(PROPOSED RECTANGULAR RAPID FLASHING BEACON AND SIGH PLAN)

SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	14
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CNCM(051)
CONTRACT NO. 61K36				



EXISTING REMOVAL LEGEND

	DENOTES EARTH EXCAVATION
	DENOTES PAVEMENT REMOVAL
	DENOTES DRIVEWAY PAVEMENT REMOVAL
	DENOTES COMBINATION CURB AND GUTTER REMOVAL
	DENOTES CURB REMOVAL
	DENOTES TREE PROTECTION

EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND

	DENOTES STORM SEWER REMOVAL
	DRAINAGE STRUCTURE INLET FILTERS
	DENOTES EXISTING REMOVING CATCH BASINS
	DENOTES EXISTING CATCH BASINS TO BE ADJUSTED
	DENOTES EXISTING MANHOLES TO BE ADJUSTED
	DENOTES EXISTING VALVE VAULTS TO BE ADJUSTED
	DENOTES EXISTING VALVE BOXES TO BE ADJUSTED

N

1"=6'

GRAPHIC SCALE
IN FEET

3 0 3 6

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED
IN THE COST OF THE ITEM BEING REMOVED.

FILE NAME **FAU 3776 (91ST STREET)**
FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

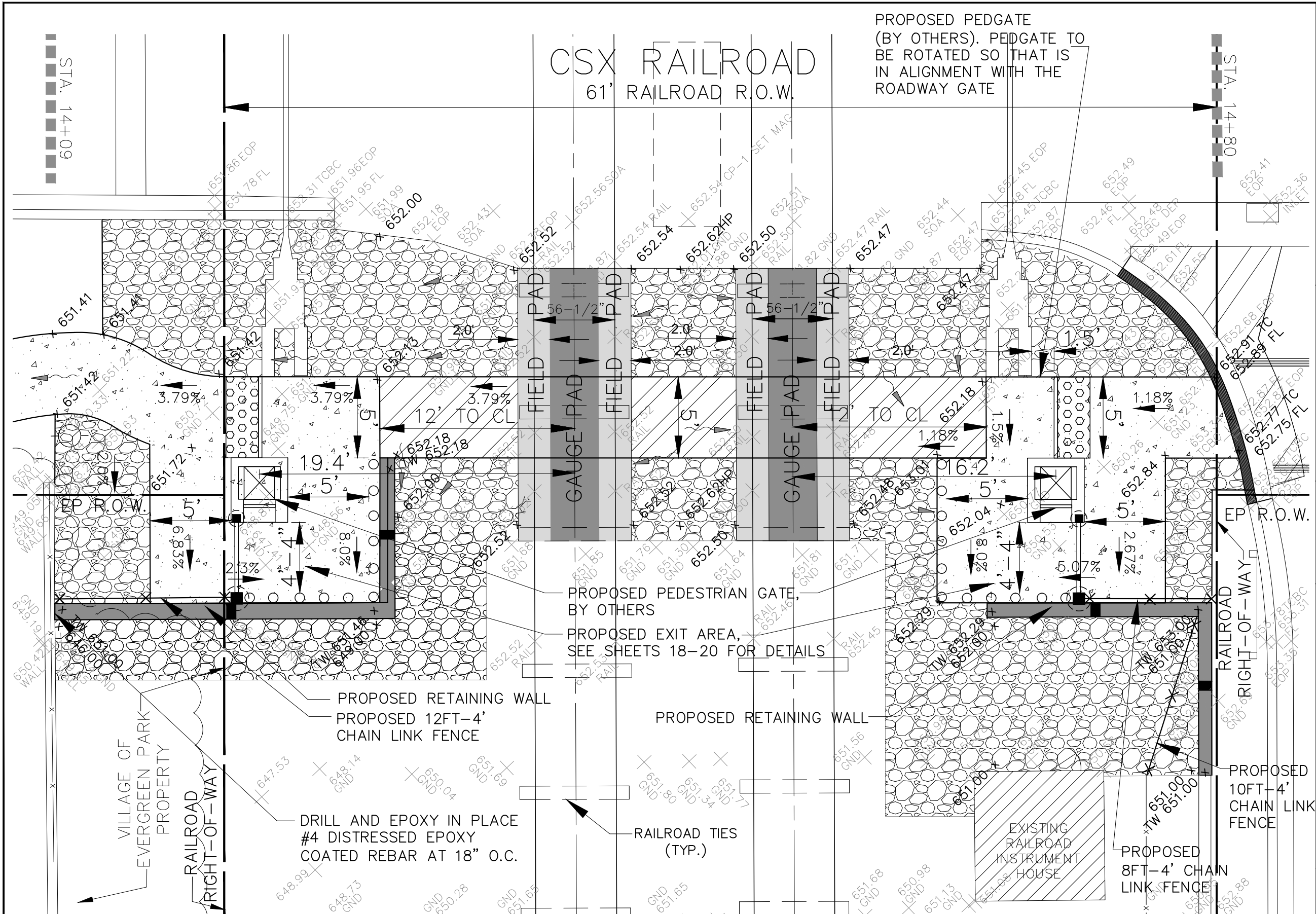
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PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN:
FAU 3776 (91ST STREET)-
(EXISTING REMOVAL IN PROPOSED RAILROAD EXIT AREA)

SCALE: 1"=6'	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	15
CONTRACT NO. 61K36				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)				



PROPOSED PEDGATE
(BY OTHERS). PEDGATE TO
BE ROTATED SO THAT IS
IN ALIGNMENT WITH THE
ROADWAY GATE

CSX RAILROAD
61' RAILROAD R.O.W.

PROPOSED IMPROVEMENT LEGEND

- DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH (7 INCH AT DRIVEWAYS)
- DENOTES INCIDENTAL HOT-MIX ASPHALT SURFACING, 3 INCH ON PORTLAND CEMENT CONCRETE PAVEMENT, 8 INCH
- DENOTES HOT-MIX ASPHALT CROSSING PANEL EXTENSION OF EXISTING HOT-MIX ASPHALT WITH INCIDENTAL HOT-MIX ASPHALT SURFACING, 3 INCH ON AGGREGATE BASE COURSE, TYPE B, 8 INCH
- DENOTES AGGREGATE DITCHES USING RR1 (10") BEDDING MATERIAL AND RR4 (2") EROSION PROTECTION PER ARTICLE 1005.12
- 8 FT DENOTES COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 8 FT DENOTES CONCRETE CURB, TYPE B
- DENOTES P.C. CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS 424001-11 AND 424016-05 FOR HANDICAP RAMPS (WHERE APPLICABLE)
- DENOTES PROPOSED 4" PVC SLEEVE LOCATIONS IN RETAINING WALL
- DENOTES ORNAMENTAL FENCE, 3' (SPECIAL)
- DENOTES GATE, SPECIAL, (ESCAPE PAD SWING-GATE)

PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- PROPOSED INLETS, TYPE C, TYPE 1 FRAME, OPEN LID
- PROPOSED CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID
- PROPOSED ELEVATION (TC DENOTES TOP OF CURB) (TW DENOTES TOP OF WALL) (FL DENOTES FLOW LINE)
- FLOW DIRECTION

NOTE:
ALL WORK ON TOP OF THE FIELD PAD AND GAUGE PAD IS TO BE COMPLETED BY OTHERS.

FOR RETAINING WALL DETAIL SPECIAL SEE SHEET 17

1"=6'
GRAPHIC SCALE
IN FEET

ALL SAW CUTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

FILE NAME **FAU 3776 (91ST STREET)**
FAU 2836 (408 FT. EAST OF CALIFORNIA AVE.)
TO
FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
#23178

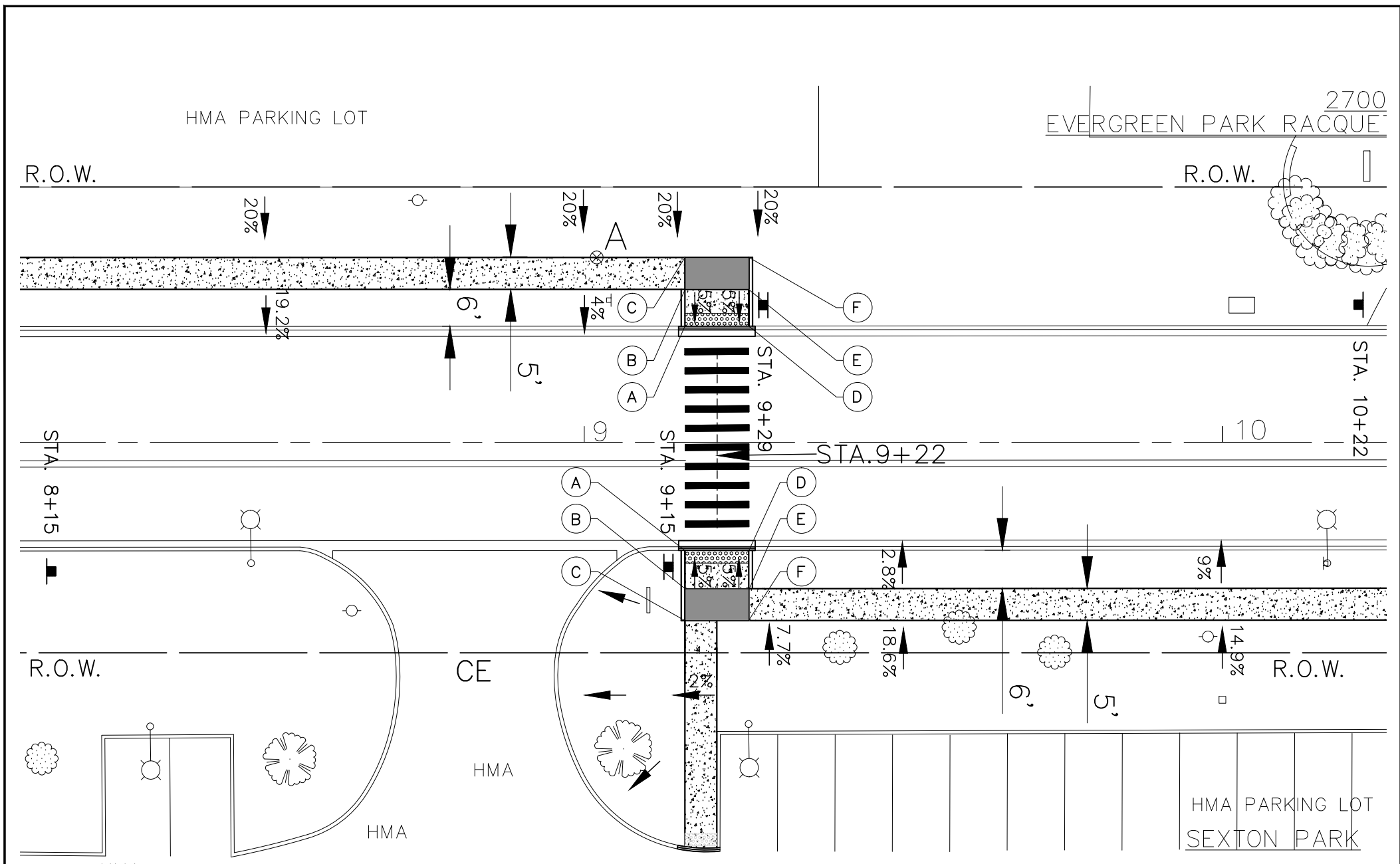
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PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN:
FAU 3776 (91ST STREET)-
(PROPOSED IMPROVEMENT IN RAILROAD EXIT AREA)

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

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	16
CONTRACT NO. 61K36				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)				



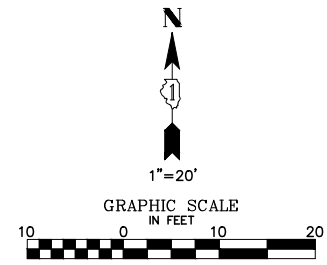
NORTH SIDE

	STATION	OFFSET	ELEVATION
A	9+17	16.6' L	633.26
B	9+17	22.6' L	633.56
C	9+17	27.6' L	633.64
D	9+27	16.6' L	633.55
E	9+27	22.6' L	634.85
F	9+27	27.6' L	634.93

SOUTH SIDE

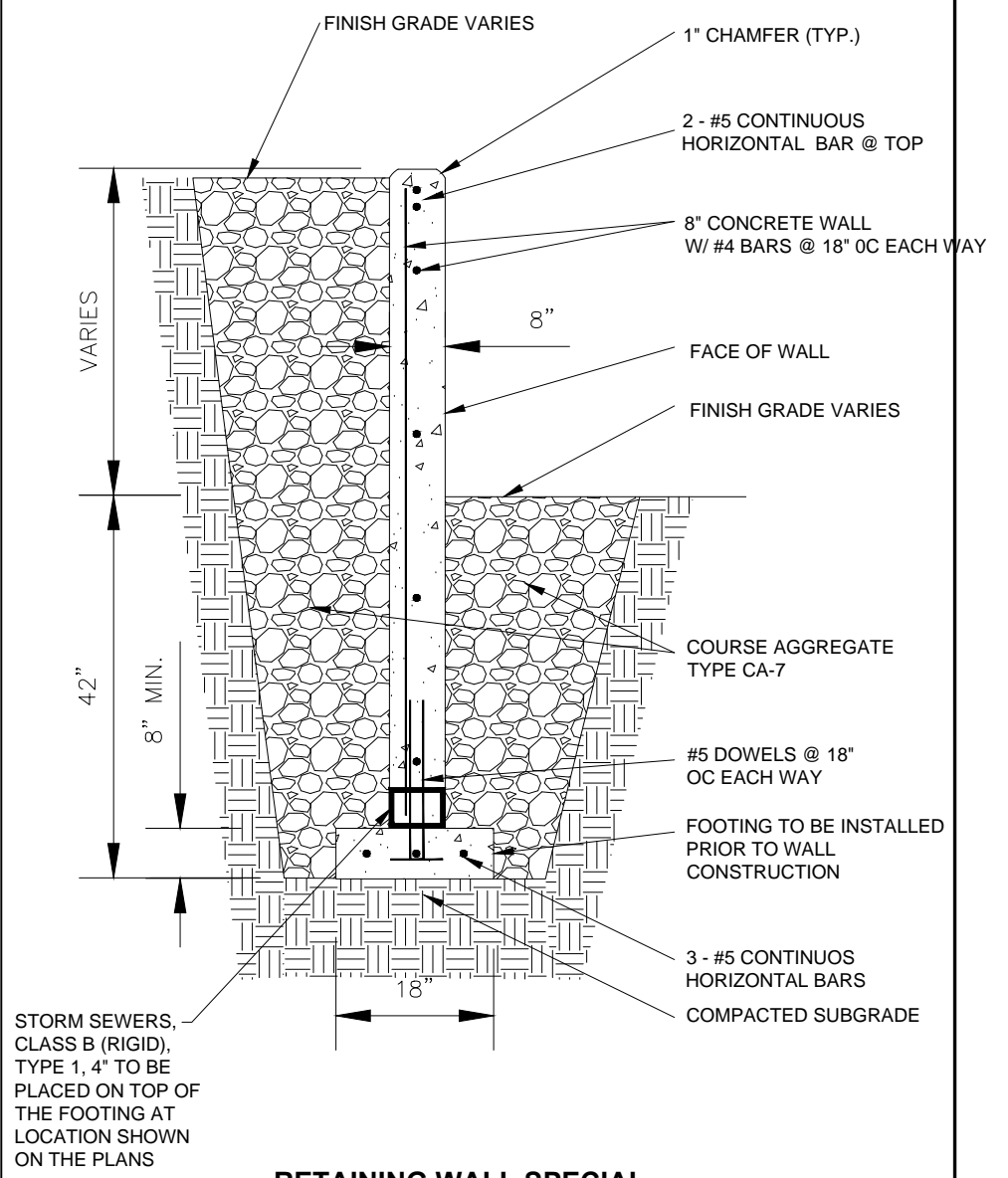
	STATION	OFFSET	ELEVATION
A	9+17	15.4' L	633.17
B	9+17	21.4' L	633.47
C	9+17	26.4' L	634.55
D	9+27	15.4' L	633.46
E	9+27	21.4' L	633.76
F	9+27	26.4' L	633.84

**91ST STREET CROSSING
ADA RAMP DETAILS**



LEGEND

=====	PROPOSED SIDE CURB	[Pattern]	PROPOSED SIDEWALK
(xx.xx')	EXISTING LENGTH/ELEVATION (NOT APPLICABLE)	[Pattern]	PROPOSED TURNING SPACE
(%)	SLOPE	[Pattern]	PROPOSED DETECTABLE WARNINGS



**RETAINING WALL SPECIAL
(ARTICLE 522.13)**

FILE NAME **FAU 3776 (91ST STREET)**
 FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
 TO
 FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

USER NAME =	DESIGNED - THK	REVISED - 1-22-24
PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

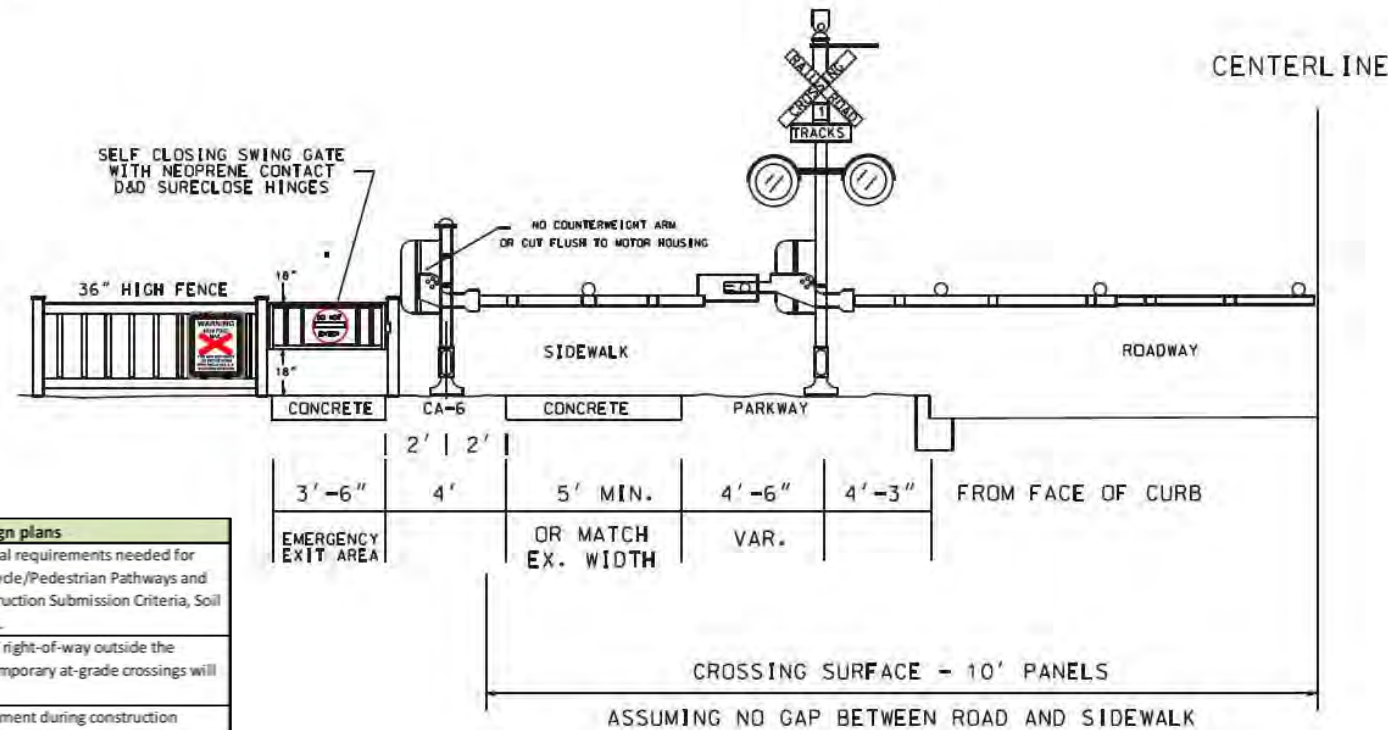
PLAN:
FAU 3776 (91ST STREET)- PROPOSED ADA RAMP DESIGN
RETAINING WALL SPECIAL
 SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

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 Illinois Professional Design Firm No. 184-000928

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	17
CONTRACT NO. 61K36			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)	

PEDESTRIAN VIEW AT EXIT GATE - TRAIN APPROACHING
CONCEPTUAL CROSS SECTION (NTS)

- NOTES:
 1. DESIGN TO COMPLY WITH MUTCD
 2. ESCAPE AREA DESIGN- COMPLY WITH CHAPTER 4: "ACCESSIBLE ROUTES" OF ADA AND ABA GUIDELINES AMENDED AUGUST 5, 2005, OR LATEST REVISION
 3. DETECTABLE WARNING - TRUNCATED DUMES PER CHAPTER 7: "COMMUNICATION ELEMENTS AND FEATURES," ADA AND ABA GUIDELINES
 4. *FINAL DIMENSIONS DETERMINED IN FIELD DUE TO VARIABILITY OF LOCATIONS *



Number	RR General Notes to be added to the project design plans
1	Refer to the CSX Transportation Public Project Information Manual for additional requirements needed for working adjacent to CSXT. Specific sections that pertain to this project are: Bicycle/Pedestrian Pathways and Multi-Use Trails, Special Provisions for Construction near CSXT Property, Construction Submission Criteria, Soil and Water Management Policy and Insurance Requirements for Public Projects.
2	Contractor access will be limited to the immediate project area only. The CSXT right-of-way outside the project area may not be used for contractor access to the project site and no temporary at-grade crossings will be allowed.
3	The Contractor may not use CSXT right-of-way for storage of materials or equipment during construction without prior CSXT approval. The CSXT right-of-way must remain clear for railroad use at all times. Equipment may not be positioned to block the railroad access road, track area or any part of the CSXT right-of-way without prior CSXT approval.
4	The Contractor will be required to abide by the provisions of the Agency/CSXT Construction Agreement. Periodically, throughout the project duration, the Contractor will be required to meet, discuss and, if necessary, take immediate action at the discretion of CSXT personnel and/or their authorized Representative, to comply with provisions of that agreement and these specifications
5	Upon completion of the work on CSXT property, the Contractor shall request the Owner to arrange a final inspection of the project with the Railroad's Project Engineer or his authorized Representative.
6	CSXT shall be notified at least 5 days in advance of the Pre-Construction Meeting.
7	CSXT has sole authority to determine the need for track protection required to protect its operations and property. In general, track protection will be required whenever Contractor or equipment are, or are likely to be, working within fifty feet of track or other track clearances as specified by CSX.

USER NAME - NUMBER	DESIGNED - BY	REVISED -	TYPICAL CROSS SECTION AT EXIT AREA		AAR/DOT # / RR Milepost	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE - #SCALE#	DRAWN - BY	REVISED -	SCALE: DTS. SHEET X OF X SHEETS STA. TO STA.					
PLOT DATE - #DATE#	DATE - R./S./Y.	REVISED -						

FILE NAME **FAU 3776 (91ST STREET)**
 FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
 TO
 FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

USER NAME =	DESIGNED - THK	REVISED - 1-22-24
PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

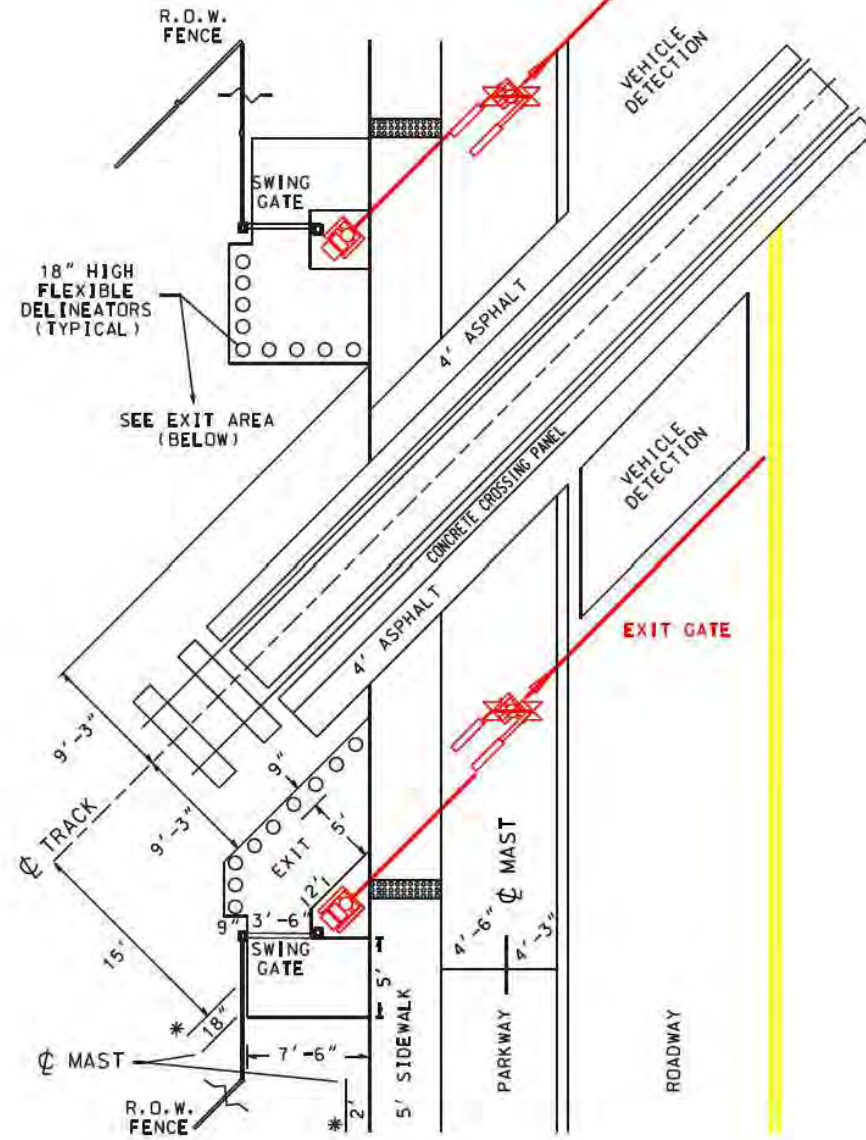
RAILING CROSSING DETAILS

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

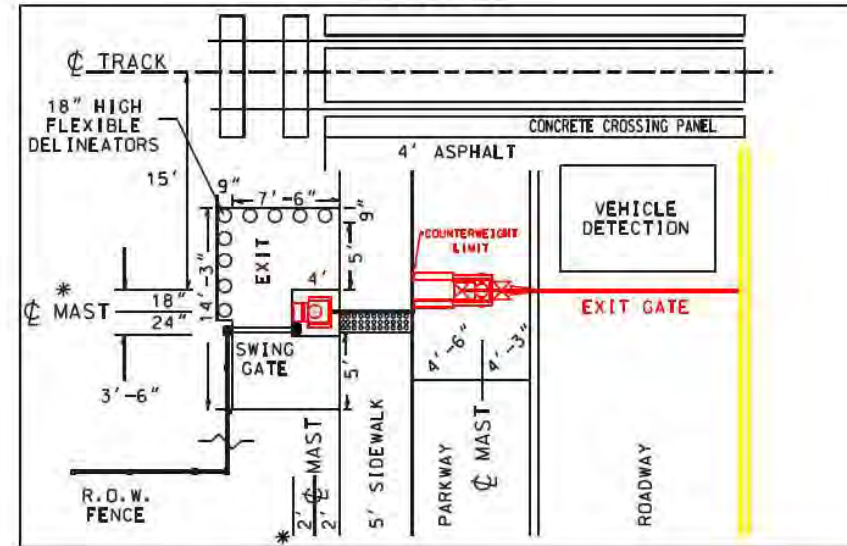
NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: (630) 887.8640
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 Illinois Professional Design Firm No. 184-000928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	18
CONTRACT NO. 61K36				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)				

CROSSING SKEW 45 TO 89 DEGREES



90 DEGREE



RECOMMENDED CONSTRUCTION SEQUENCE - WARNING DEVICES INSTALLED FIRST, PARALLEL TO TRACKS

1. LOCATE ROADWAY GATE 15 FT FROM CENTERLINE OF TRACK
2. CONDUIT (2) TO ACCOMMODATE ROADWAY AND PEDESTRIAN GATES
3. LAYOUT SIDEWALK
 - A. ALLOW CLEARANCE FROM ROADWAY COUNTERWEIGHTS AND ARMS
 - B. 4'-6" CENTERLINE FOUNDATION TO END OF COUNTERWEIGHTS
 - C. 18" CENTERLINE FOUNDATION TO OUTER ARMS
4. LOCATE PEDESTRIAN GATE 16'-6" FROM CENTERLINE OF TRACK
 - A. ALLOW CLEARANCE FOR GATE ARM BRACKET (24" FOUNDATION CENTERLINE TO SIDEWALK - TYPICAL)
 - B. LOCATE BACK OF MECHANISM/DOOR - 2' FROM FOUNDATION CENTERLINE
 - C. USE PEDESTRIAN GATE MECH WITHOUT COUNTERWEIGHT ARM, OR CUT FLUSH TO MOTOR HOUSING TO ELIMINATE CONFLICT WITH SWING GATE
 - D. INSTALL SONOTUBE FOR SWING GATE CONTACT POST TO ELIMINATE POTENTIAL DAMAGE TO SIGNAL CABLE DURING FENCE INSTALLATION
5. LAYOUT EXIT AREA; FRAME AND POUR SIDEWALK AND EXIT AREA
 - A. PROVIDE 3'-6" x 4' CA-6 "ISLAND"
 - B. * USE CENTERLINE OF PED GATE MAST TO LOCATE EXIT EDGES *
6. INSTALL SWING GATE MINIMIZING GAPS TO PED. GATE, ENSURE GATE HOUSING OPENS
7. INSTALL 18" DELINEATORS - TRACK SIDE EXIT AREA (IN 9" PERIMETER EXTENSION)
8. COMPLETE R/W FENCE AND CONNECTIONS TO SWING GATE
9. ADJUST HINGES AND GATE CLOSER TO ALLOW PROPER OPERATION
10. CHECK 16'-6" ALONG PEDESTRIAN GATE FROM TRACK CENTERLINE FOR PARALLEL

USER NAME = HUSERN	DESIGNED =	REVISED =
PLOT SCALE = HSCALE	DRAWN =	REVISED =
PLOT DATE = MDATE	CHECKED =	REVISED =
	DATE = 11/15/23	REVISED =

DETAIL AND CONSTRUCTION SEQUENCE - EXIT AREA

SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA. 14006

AAR/DOT # / RR Milepost	COUNTY	TOTAL SHEETS	SHEET NO.

FILE NAME **FAU 3776 (91ST STREET)**
 FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
 TO
 FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

USER NAME =	DESIGNED = THK	REVISED = 1-22-24
PLOT SCALE =	DRAWN = JFP	REVISED = 2-19-24
PLOT DATE =	CHECKED = WEL	REVISED =
	DATE = 11-15-23	REVISED =

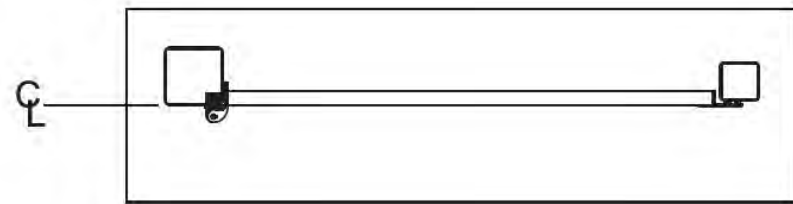
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RAILING CROSSING DETAILS

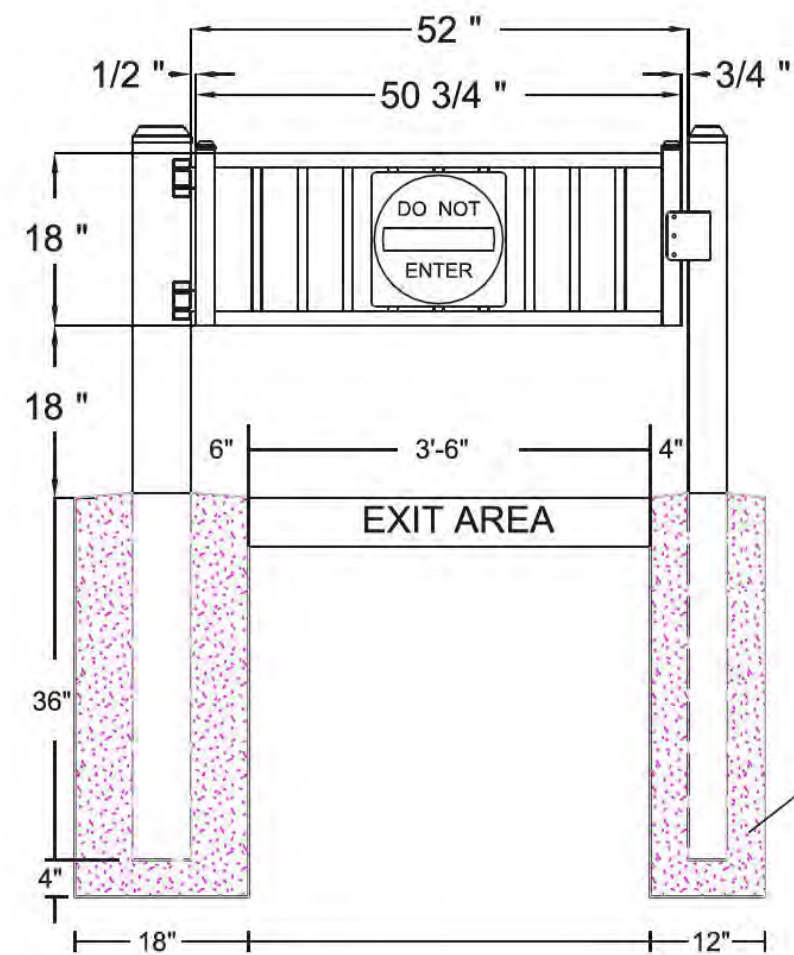
SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
Illinois Professional Design Firm No. 184-000928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	19
CONTRACT NO. 61K36			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)	



- Gate Upright: 2"sq (11ga)
 Rails: 1.5"sq (14ga)
 Pickets: 1"sq (14ga)
 Posts: 6"sq (12ga) - Post at Hinge
 4"sq (12ga) - Post at Gate Stop



- Hardware:
- Gate Stop
 - 14x14 Sign (Do Not Enter)
 - 14x14 Sign (Push To Exit)
 - Bolt On Sure Close Flush Mount Hinge

CLASS SI CONCRETE

USER NAME * #USER*	DESIGNED - BY	REVISED -	AAR/DDT # / RR Milepost	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE * #SCALE*	DRAWN - BY	REVISED -	SCALE: NTS	SHEET X OF Y SHEETS	STA. TO STA.	BLANK
PLOT DATE * #DATE*	DATE - XX/XX/XX	REVISED -				

FILE NAME **FAU 3776 (91ST STREET)**
 FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
 TO
 FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

USER NAME =	DESIGNED - THK	REVISED - 1-22-24
PLOT SCALE =	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

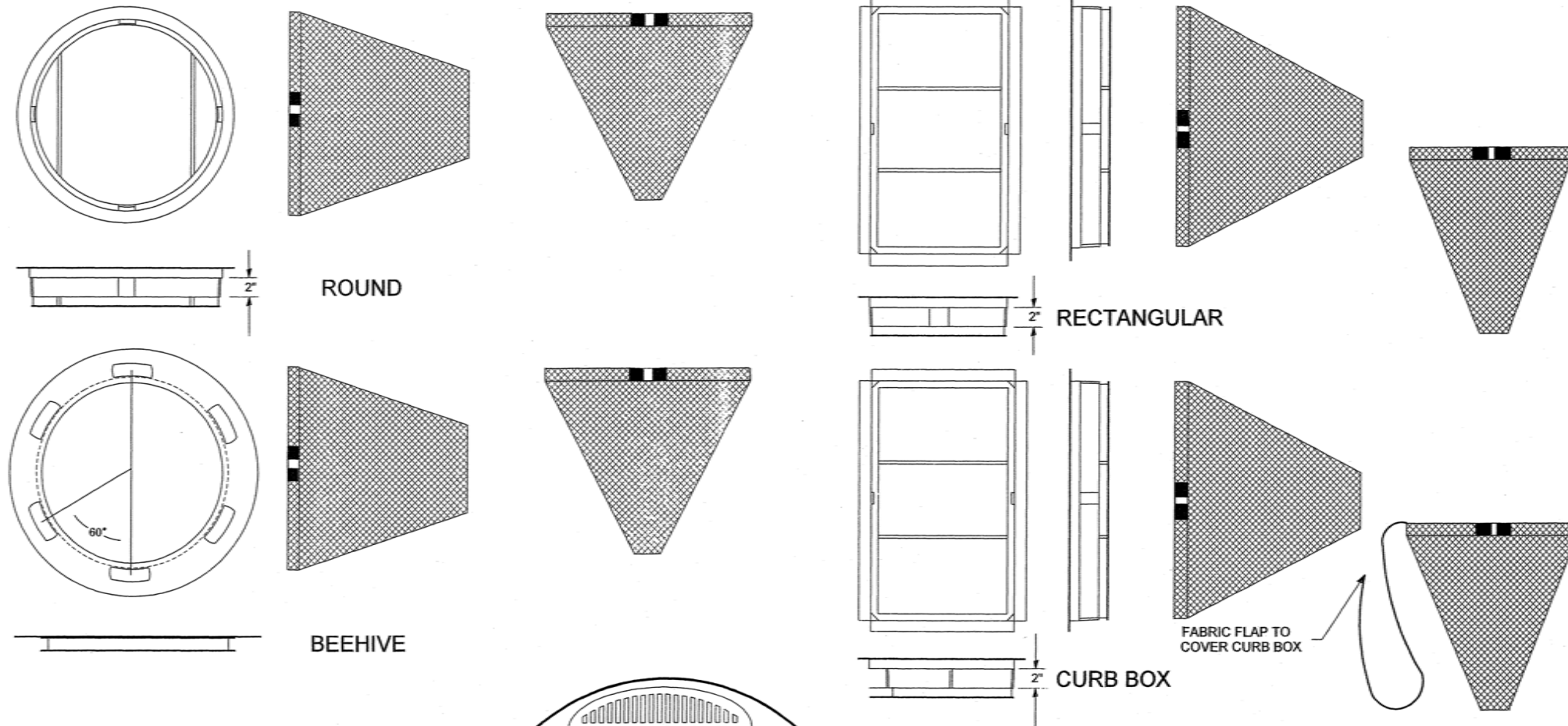
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAILING CROSSING DETAILS

SCALE: NONE	SHEET NO.	OF	SHEETS	STA.	TO STA.
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NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
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 Illinois Professional Design Firm No. 184-000928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	20
CONTRACT NO. 61K36				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)				



INLET AND PIPE PROTECTION

DESCRIPTION: This work shall consist of furnishing, installation, and removal of a drainage structure inlet filter assembly, consisting of a frame and filter bag, to collect sediment in surface storm water runoff at locations shown on the plans or as directed by the Engineer.

The Contractor shall inspect the worksite and review the plans to determine the number and dimensions of the various types of drainage structure frames (circular and rectangular) into which the inlet filters will be installed prior to ordering materials.

The drainage structure inlet filter assembly shall be installed under the grate on the lip of the drainage structure frame with the fabric bag hanging down into the drainage structure.

The drainage structure inlet filter assembly shall remain in place until final removal of the assembly is directed by the Engineer. The drainage structure inlet filter assembly shall remain the property of the Contractor.

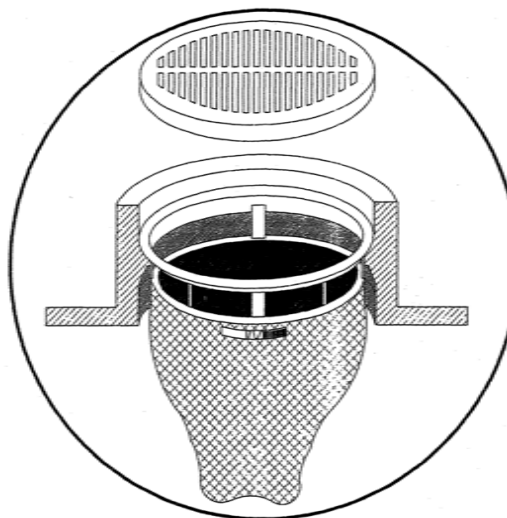
Final removal of the assembly shall include the disposal of debris or silt that has accumulated in the filter bag at the time of final removal. Periodic cleaning of the filter is paid for separately.

MATERIALS: The drainage structure inlet shall be the (INLET AND PIPE PROTECTION)

[A detailed drawing in the plans depicts the drainage structure inlet filter assembly.]

The drainage structure inlet filter assembly shall consist of a steel frame with a replaceable geotextile fabric bag attached with a steel band with locking cap that is suspended from the frame. A clean used bag and used steel frame in good condition, meeting the approval of the Engineer, may be substituted for new materials.

The drainage structure inlet filter assembly frame shall be rigid steel meeting the requirements of ASTM-A36. The frame shall include an overflow feature that is welded to the frame's ring. The overflow feature shall be designed to allow full flow of water into the structure if the filter bag is filled with sediment. The dimensions of the assembly frame shall allow the drainage structure grate to fit into the inlet filter assembly frame opening. The assembly frame shall rest on the inside lip of the drainage structure frame for the full variety of existing and proposed drainage structure frames that are present on this contract.



DRAINAGE STRUCTURE INLET FILTER

INLET AND PIPE PROTECTION

The drainage structure inlet filter assembly bag shall be constructed of polypropylene geotextile fabric with a minimum weight of 4 ounces per square yard, minimum flow rate of 145 gallons per minute per square foot, and designed for minimum silt and debris capacity of 2 cubic feet. The filter bag shall be reinforced with an outer layer of polyester mesh fabric with a minimum weight of 4 ounces per square yard. The filter bag shall be suspended from the steel frame with a stainless steel band and locking cap. The inlet filter assembly frame shall not cause the drainage structure grate to extend higher than 1/8-inch above the drainage structure frame.

BASIS OF PAYMENT: The work will be paid for at the contract unit price per EACH for INLET AND PIPE PROTECTION, which price shall include all cost of labor, materials, equipment, and incidental items necessary to perform the work.

STANDARD A-39	
SHEET 4 OF 4 SHEETS	
COUNTY OF COOK	
DEPARTMENT OF HIGHWAYS	
TEMPORARY EROSION CONTROL	
COMPUTED MAL	APPROVED _____ 20 05
DRAWN MAL	
CHECKED SDR	

FILE NAME **FAU 3776 (91ST STREET)**
 FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
 TO
 FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23178

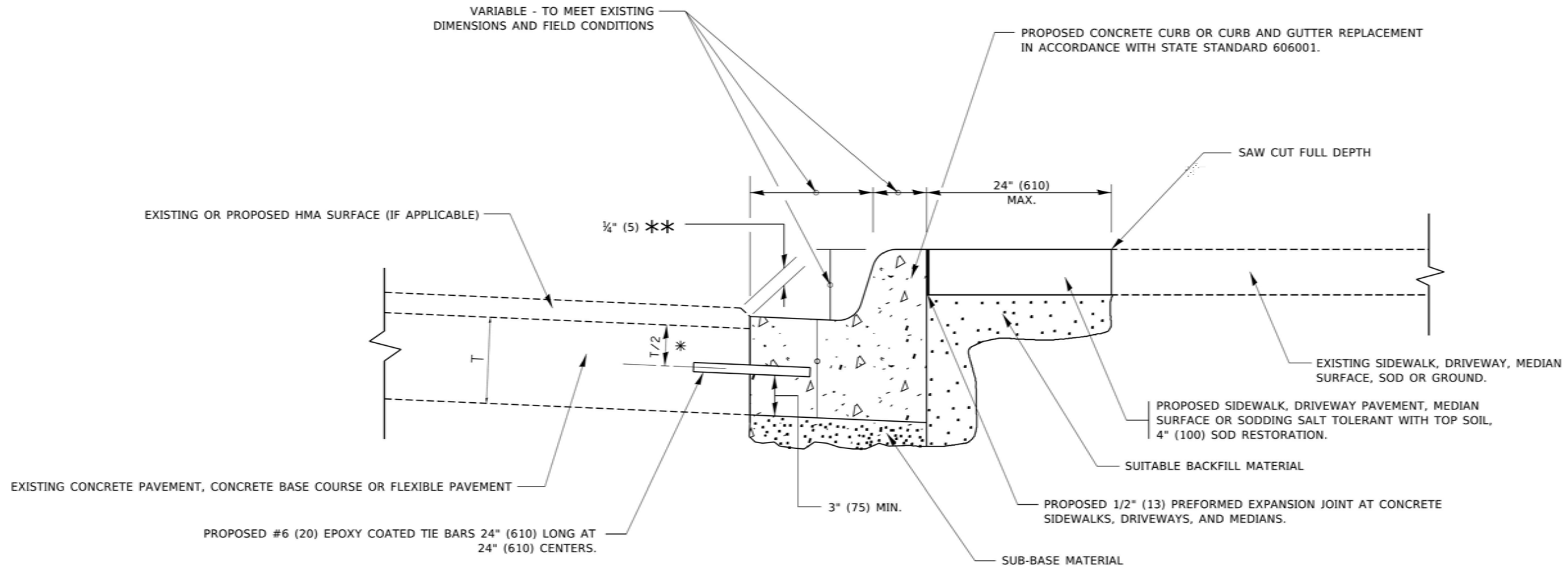
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PLOT SCALE =	DRAWN -- JFP	REVISED --
PLOT DATE =	CHECKED -- WEL	REVISED --
	DATE -- 11-15-23	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INLET PIPE AND PROTECTION			
(TEMPORARY EROSION CONTROL)			
A-39			
SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	21
CONTRACT NO. 61K36				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CNCM(051)				



- * 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.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

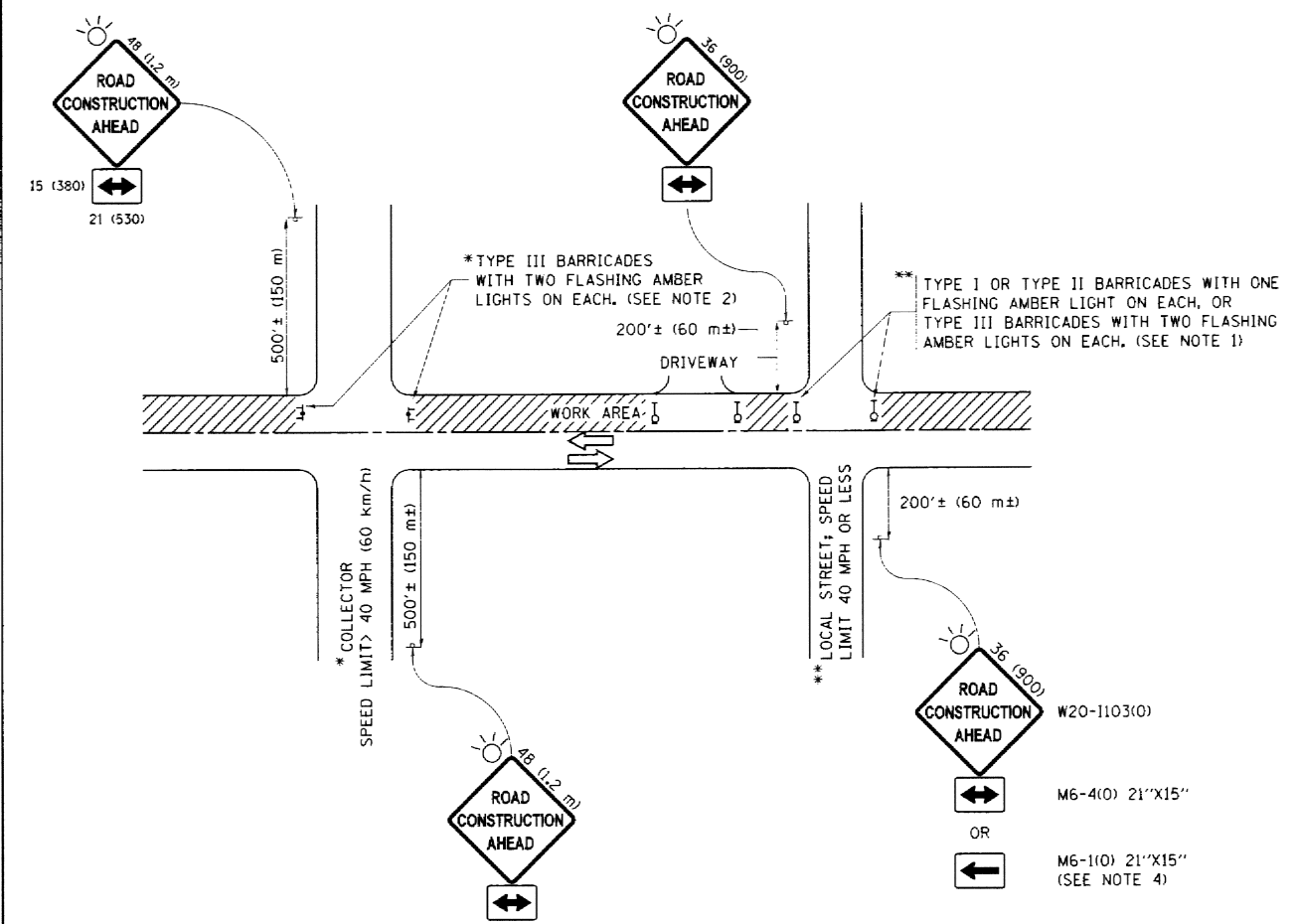
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	24
BD600-06 (BD-24)		CONTRACT NO. 61K36		
ILLINOIS FED. AID PROJECT		CNM(051)		



NOTES:

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

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

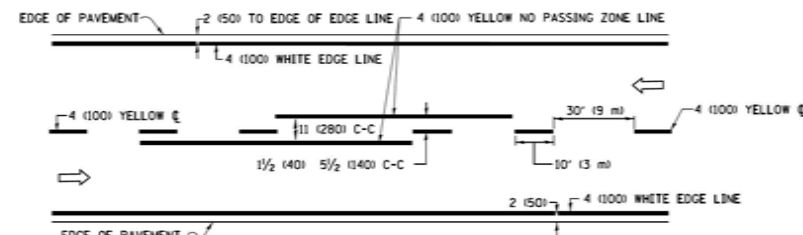
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	PLOT DATE = 9/15/2016		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

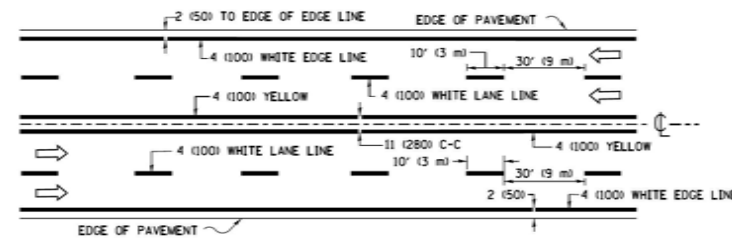
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

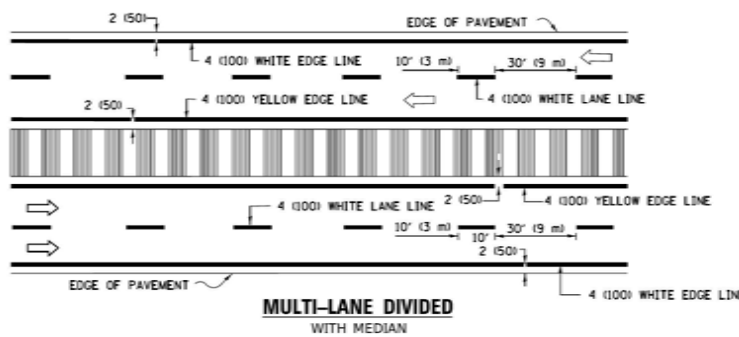
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
3776	14-00093-00-SW	COOK	29	25
TC-10			CONTRACT NO.	61K36
ILLINOIS FED. AID PROJECT			CNM(051)	



2-LANE ROADWAY

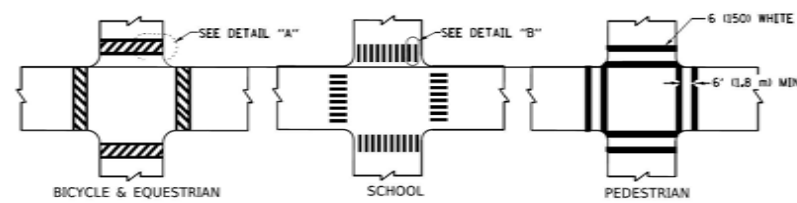


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



DETAIL "A"

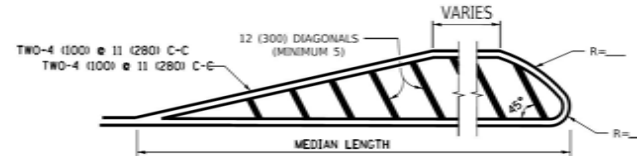
DETAIL "B"

TYPICAL CROSSWALK MARKING

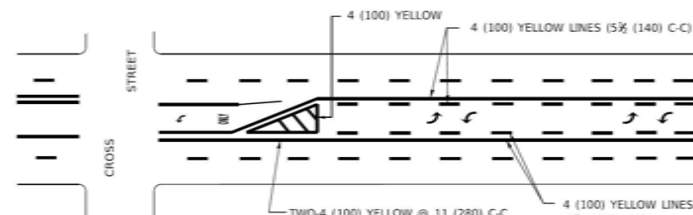
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

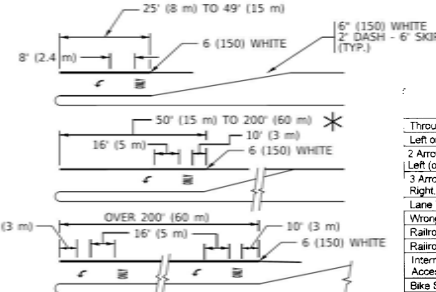


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE

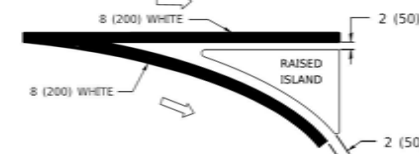
TYPICAL TURN LANE MARKING

Symbol	Large Size sq ft. (sq m)	Small Size sq ft. (sq m)
Through Arrow	11.5 (1.07)	6.5 (0.60)
Left or Right Arrow	19.6 (1.47)	8.8 (0.82)
2 Arrow Combination Left (or Right) and Right and Through	26.0 (2.42)	14.7 (1.37)
3 Arrow Combination Left and Through	38.4 (3.56)	20.9 (1.94)
Wrong Way Arrow	41.5 (3.86)	--
Railroad "R" 6 ft (1.8 m)	24.3 (2.25)	--
Railroad "X" 20 ft (6.1 m)	3.6 (0.33)	--
International Symbol of Accessibility	54.0 (5.02)	--
Bike Symbol	4.7 (0.44)	--
Shared Lane Symbol	8.0 (0.74)	--

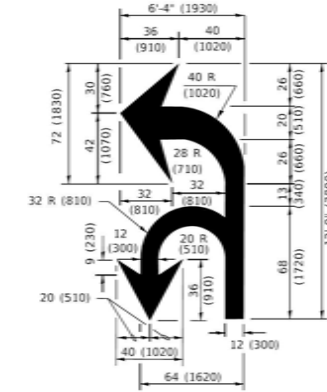
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



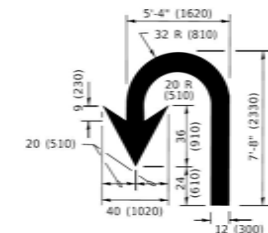
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 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)) 30' (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" 15 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 ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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.

USER NAME = fooltemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
DRAWN -	REVISED - C. JUCIUS 07-01-13	
PLOT SCALE = 50.0000" / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

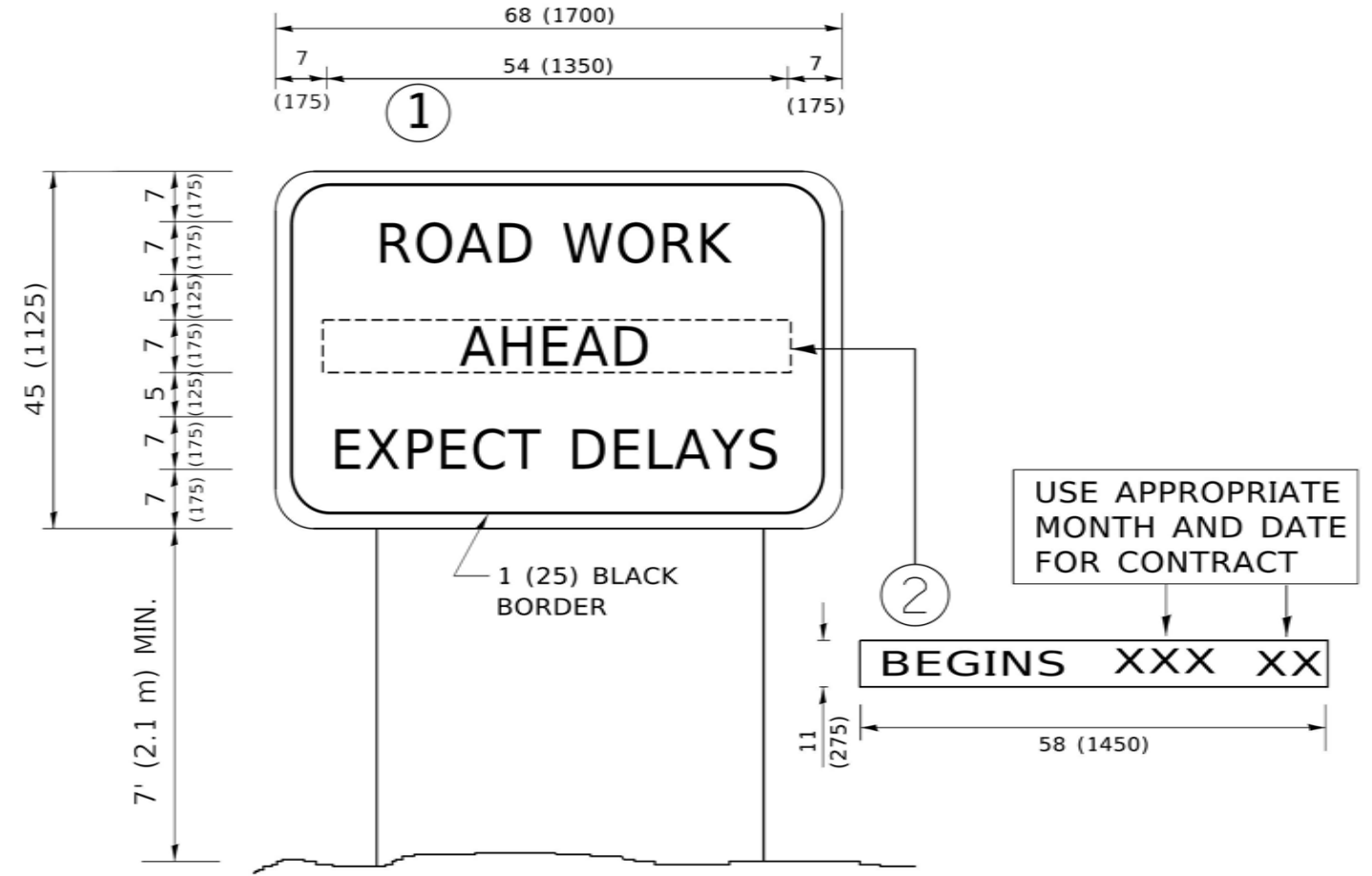
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	26
TC-13				CONTRACT NO. 61K36
ILLINOIS FED. AID PROJECT				CNCM(051)

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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: p:\110848\BID\INTG_ILIllinois.gov\PROJECTS\Documents\DOT_Offices\District_1\Projects\DS151022\110848\Bids\CAD\Bids\CADSheet1c22.dgn

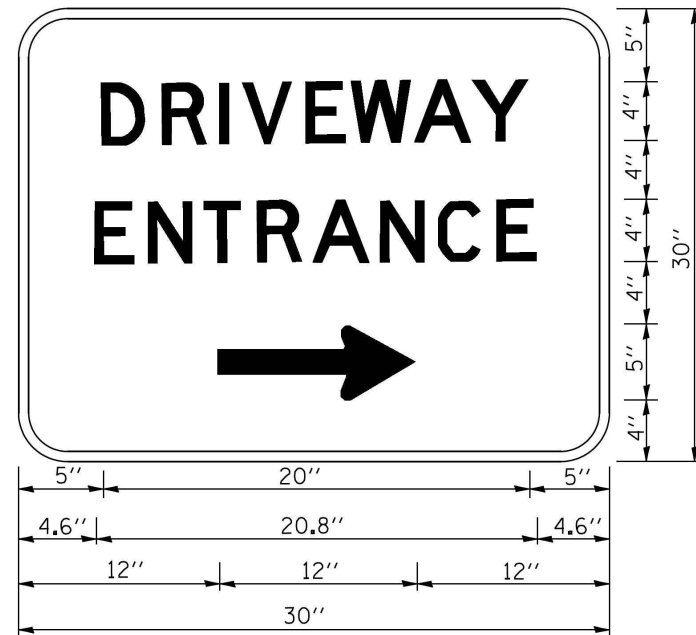
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PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT DATE = 3/4/2019	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	27
TC-22			CONTRACT NO. 61K36	
ILLINOIS FED. AID PROJECT			CNM(051)	



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

NOTES:

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

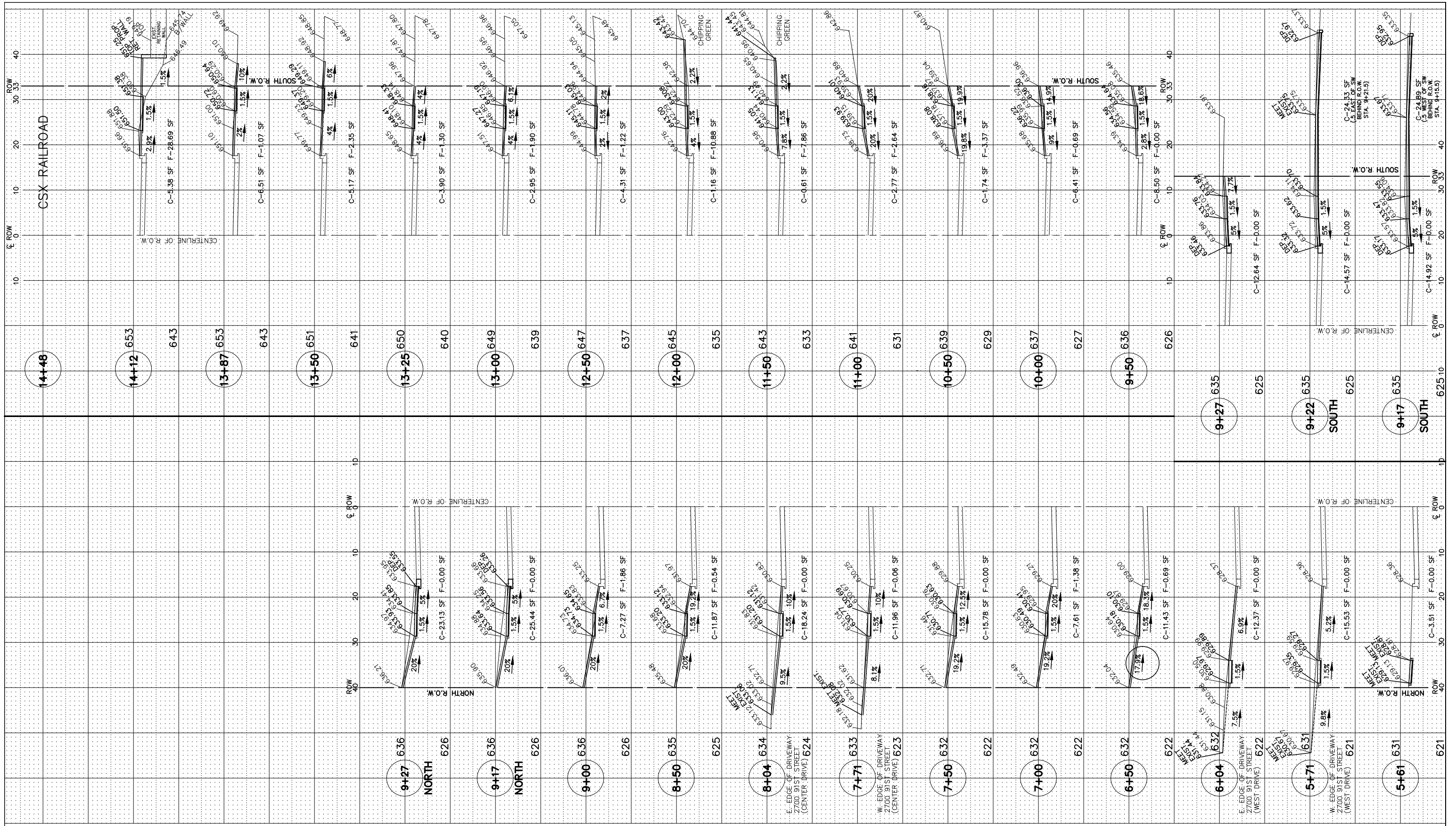
FILE NAME = W:\diststd\22x34\to26.dgn	USER NAME = gaglienobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
	PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

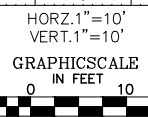
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. 3776	SECTION 14-00093-00-SW	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 27a
TC-26		CONTRACT NO. 61K36		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CNCM(051)				



FOR TYPICAL CROSS SECTION OF
NEW SIDEWALK WORK
SEE SHEET 7

91ST STREET



FILENAME **FAU 3776 (91ST STREET)**
FAU 2838 (408 FT. EAST OF CALIFORNIA AVE.)
 TO
FAP 370 (WESTERN AVE.)
91ST STREET SIDEWALK INSTALLATION
 #23176

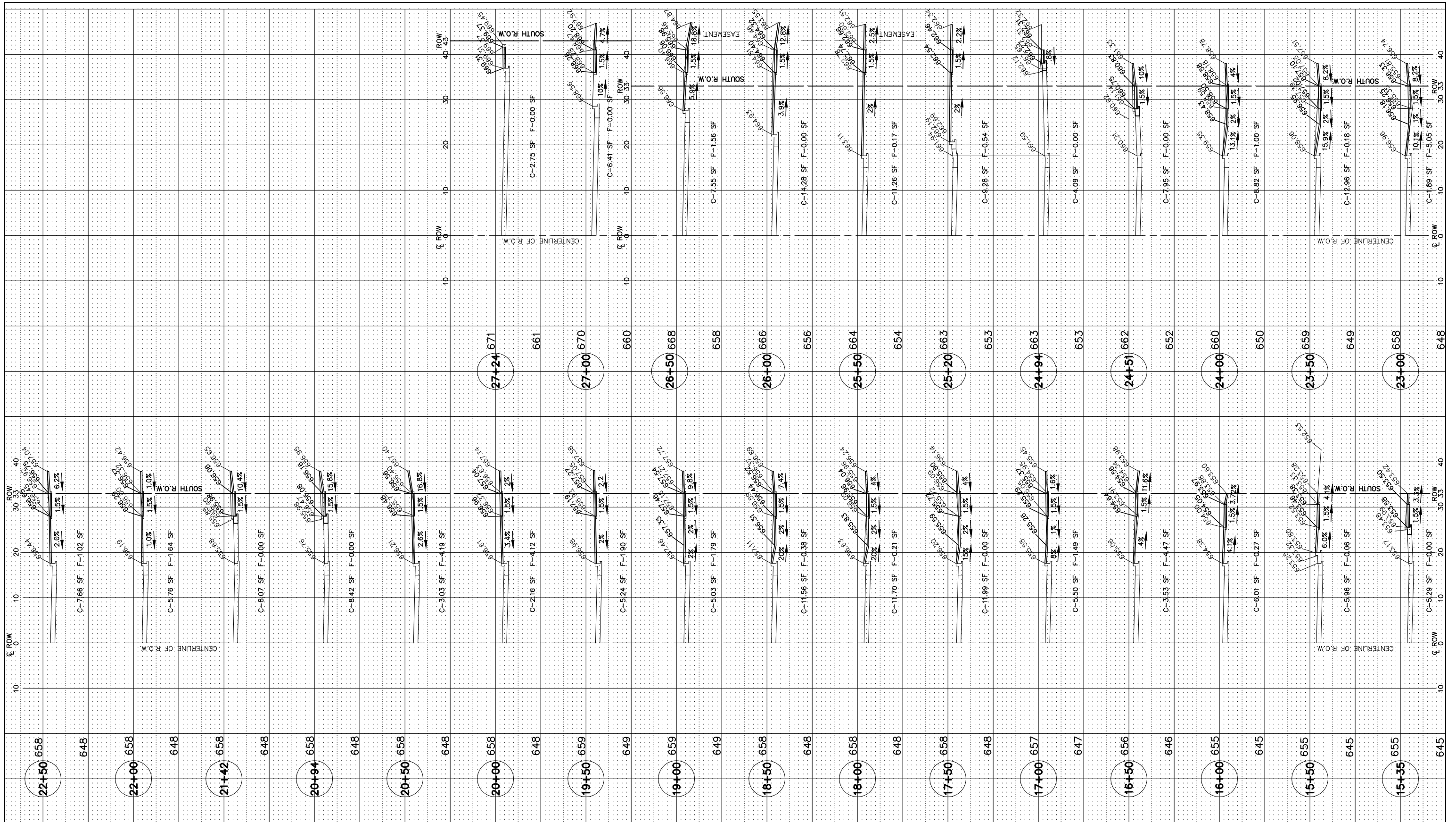
USER NAME =	DESIGNED - THK	REVISED - 1-22-24
PLOT SCALE = H: 1"=10'; V: 1"=10'	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
STA. 5+61 TO STA. 14+12

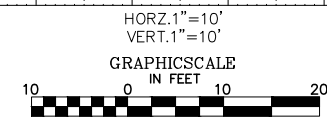
SCALE: 1"=10' SHEET NO. OF SHEETS STA. TO STA.

NOVOTNY ENGINEERING <small>Illinois Professional Design Firm No. 184-00928</small>	545 Plainfield Road, Suite A Willowbrook, IL 60527			
	T: (630) 887.8640 F: (630) 887.0132			
F.A.U. RTE. 3776	SECTION 14-00093-00-SW	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 28
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61K36 CNM(051)	



FOR TYPICAL CROSS SECTION OF
NEW SIDEWALK WORK
SEE SHEET 7

91ST STREET



NOVOTNY ENGINEERING
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91ST STREET SIDEWALK INSTALLATION
#23176

USER NAME =	DESIGNED - THK	REVISED - 1-22-24
PLOT SCALE = H: 1"=10'; V: 1"=10'	DRAWN - JFP	REVISED - 2-19-24
PLOT DATE =	CHECKED - WEL	REVISED -
	DATE - 11-15-23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
STA. 15+35 TO STA. 27+24

SCALE: 1"=10'	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3776	14-00093-00-SW	COOK	29	29
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61K36	
			CNCM(051)	