

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1587	14-00052-00-BT	COOK	91	1
F.H.W.A. REG.	ILLINOIS	PROJECT	7805(279)	

CONTRACT NO. 61G86

01-15-2021 LETTING ITEM 158

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
FAU 1587 (McCARTHY ROAD)**
FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
BIKE LANES AND RESURFACING
SECTION 14-00052-00-BT
PROJECT 78Q5 (279)
**VILLAGE OF LEMONT
COOK COUNTY**
JOB NO: C-91-185-15

FOR INDEX OF SHEETS, SEE SHEET 2

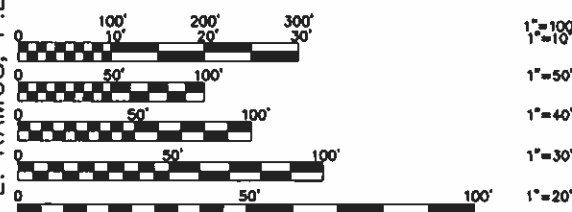
TRAFFIC DATA
McCARTHY ROAD

DESIGN DESIGNATION
MINOR ARTERIAL

TRAFFIC DATA

ADT:	POSTED SPEED	DESIGN SPEED
McCARTHY ROAD 7,000 (2017) (ILLINOIS ST. TO HOUSTON ST.)	25 MPH (EXISTING) 25 MPH (PROPOSED)	25 MPH (EXISTING) 25 MPH (PROPOSED)
McCARTHY ROAD 8,800 (2017) (HOUSTON ST. TO WOODCREST DR.)	35 MPH (EXISTING) 35 MPH (PROPOSED)	35 MPH (EXISTING) 35 MPH (PROPOSED)
McCARTHY ROAD 8,200 (2017) (WOODCREST DR. TO WALKER RD.)	40 MPH (EXISTING) 40 MPH (PROPOSED)	40 MPH (EXISTING) 40 MPH (PROPOSED)

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

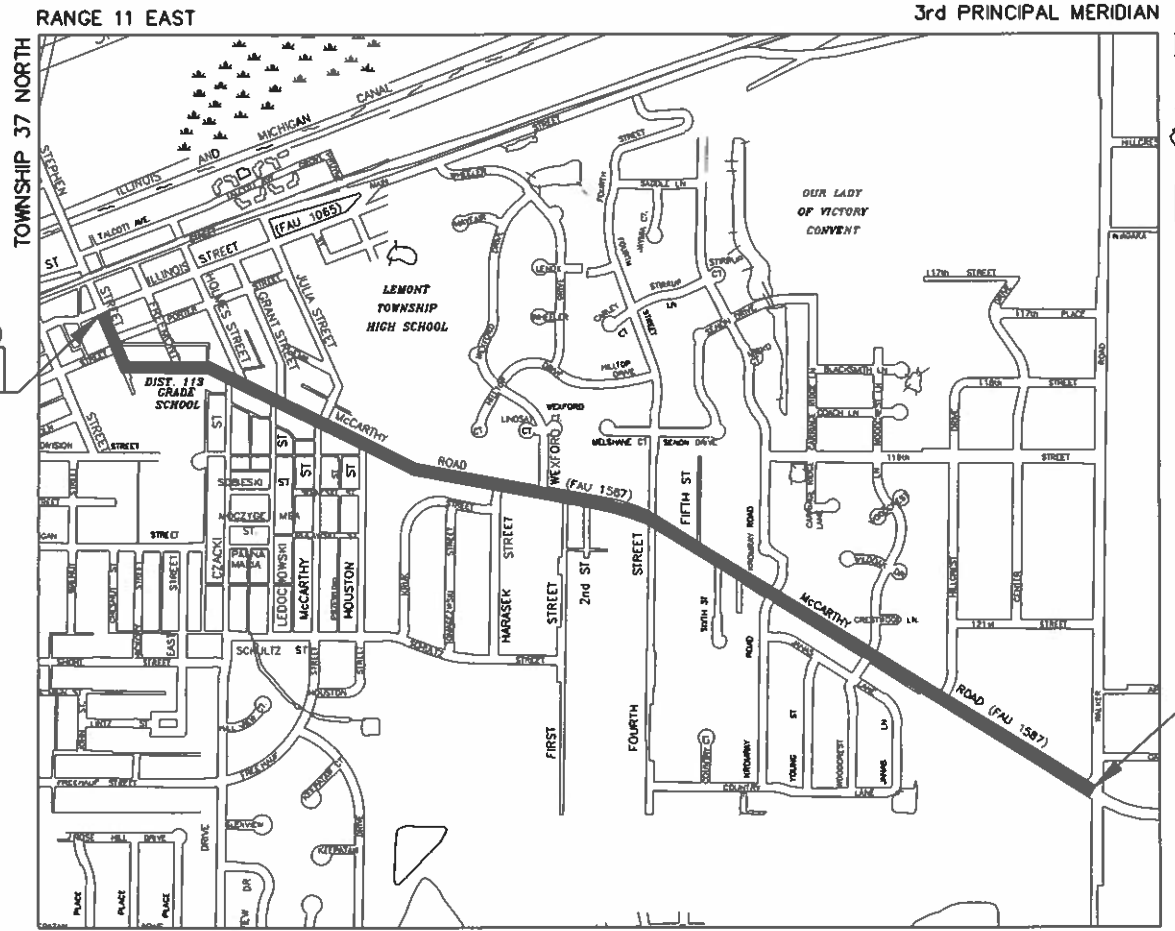
811
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION CALL 811
Know what's below.
Call before you dig.

NOVOTNY ENGINEERING
545 Plainfield Road, Suite A
Willowbrook, IL 60527
T: (630) 887 8640
F: (630) 887 0132

FNA PROJECT NO. 19383 DRAWN/DESIGNED JFP/JLC CHECKED/APPROVED THK/JLC

REVISIONS		
NO.	BY	DATE
1	JLC	08-07-17
2	THK	02-21-20
3	JLC	08-06-20
4	JLC	10-02-20
5	JLC	10-26-20
6	JLC	11-04-20

CONTRACT NO. 61G86



LEMONT TOWNSHIP SECTION 20 PROJECT LOCATION MAP N.T.S. SECTION 28

— DENOTES LOCATION OF IMPROVEMENT
GROSS LENGTH OF PROJECT 8,332 FEET (1.58 MILES)
NET LENGTH OF PROJECT 8,332 FEET (1.58 MILES)



LOCATION OF SECTION INDICATED THUS: —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED NOVEMBER 3, 2020
VILLAGE OF LEMONT JOHN EGOFFRE, VILLAGE PRESIDENT

PASSED NOV 17, 2020
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW NOVEMBER 17, 2020
REGIONAL ENGINEER

JAMES L. CAINKAR, P.E.
IL P.E. NO. 062-036190
EXPIRES 11-30-2021

NOVEMBER 3, 2020
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, HOT-MIX ASPHALT MIXTURE REQUIREMENTS
- 3.-8.) SUMMARY OF QUANTITIES
- 9.-11.) TYPICAL SECTIONS
- 12.-15.) EARTHWORK COMPUTATIONS
- 16.-26.) PLAN AND PROFILE: FAU 1587 (McCARTHY ROAD) - FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN)
- 27.-28.) MAINTENANCE OF TRAFFIC
- 29.) STORM WATER POLLUTION PREVENTION PLAN
- 30.) EROSION CONTROL NOTES AND DETAILS
- 31.-41.) PLAN AND PROFILE: FAU 1587 (McCARTHY ROAD) - FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)
- 42.-47.) PLAN AND PROFILE: FAU 1587 (McCARTHY ROAD) - FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) (PROPOSED PAVEMENT MARKING PLAN)
- 48.-70.) PLAN: FAU 1587 (McCARTHY ROAD) ADA RAMP DETAILS
- 71.-81.) DISTRICT 1 STANDARD DETAILS
- 82.-91.) CROSS SECTIONS

LIST OF DISTRICT 1 STANDARD DETAILS

- 71.) BD-08 DETAILS FOR FRAMES AND LIDS ADJUSTMENTS WITH MILLING
- 72.) BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- 73.) BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- 74.) BD-32 BUTT JOINT AND HMA TAPER DETAILS
- 75.) TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- 76.) TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- 77.) TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- 78.) TC-14 TRAFFIC CONTROL & PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
- 79.) TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- 80.) TC-22 ARTERIAL ROAD INFORMATION SIGN
- 81.) TC-26 DRIVEWAY ENTRANCE SIGNING

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-04 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-06 DEPRESSED CORNER FOR SIDEWALKS
- 424026-03 ENTRANCE/ALLEY PEDESTRAIN CROSSINGS
- 442201-03 CLASS C AND D PATCHES
- 542401-04 METAL FLARED END SECTION FOR PIPE CULVERTS
- 602301-04 INLET-TYPE A
- 602306-03 INLET-TYPE B
- 604001-05 FRAMES & LIDS-TYPE 1
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2 L, 2 W UNDIVIDED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- 780001-05 TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

PAVING AND STORM SEWERS

SPECIFICATIONS

THE APRIL 1, 2016 EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AND THE JANUARY 1, 2021 EDITION OF THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, AND THE 2009 EDITION 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.

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.

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".

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.

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

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

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

ALL PATCHING ON THE HOT-MIX ASPHALT PORTIONS OF THIS PROJECT WILL BE MARKED OUT AND CONSTRUCTED AFTER MILLING. A PROOF ROLL WILL BE REQUIRED PRIOR TO PATCHING

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.

ALL MAILBOXES IN CONFLICT WITH THE PROPOSED IMPROVEMENT SHALL BE TEMPORARILY RELOCATED AND THEN PERMANENTLY RELOCATED IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED -- JLC	REVISED -- 2-21-20 THK
	PLOT SCALE =	DRAWN -- JFP	REVISED -- 8-06-20 JLC
#19383 BIKE LANES AND RESURFACING	PLOT DATE =	CHECKED -- THK	REVISED -- 10-02-20 JLC
		DATE -- 7-6-17	REVISED -- 10-26-20 JLC

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BENCHMARKS

NOTE:

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

LOCATION (ON McCARTHY ROAD)

ELEVATION

FOUND CROSS IN THE CENTER OF THE SIDEWALK APPROXIMATELY 28' NORTHWEST OF THE CENTERLINE OF CASS STREET	642.392
FOUND DISK APPROXIMATELY 180' EAST OF THE CENTERLINE OF JULIA STREET WEST OF DRIVEWAY, NORTH OF SIDEWALK	724.541
FOUND CROSS IN THE CENTER OF THE SIDEWALK APPROXIMATELY 445' SOUTHEAST OF THE CENTERLINE OF 4TH STREET	739.404
FOUND CROSS ON THE EAST SIDE OF THE CONCRETE DRIVEWAY JUST NORTHEAST OF WALKER ROAD	730.259

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
ROADWAY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm), 1-1/2"	4.0% @ 70 GYR
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE WIDENING, 6", (HMA BINDER IL-19 mm)	4.0% @ 70 GYR
HOT-MIX ASPHALT BASE COURSE WIDENING, 6-3/4", (HMA BINDER IL-19 mm)	4.0% @ 70 GYR
PATCHING	
CLASS D PATCHES, TYPE II-IV, (HMA BINDER IL-19 mm), 10" (IN 2 LIFTS)	4% @ 70 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 4" (IN TWO LIFTS)	4% @ 50 GYR

HOT-MIX SURFACE REMOVAL TO BE PERFORMED BEFORE PATCHING OPERATIONS
 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 SPECIAL PROVISIONS"
 FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	2
CONTRACT NO. 61686				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	7805 (279)		

INDEX OF SHEETS, LIST OF DISTRICT 1 STANDARD DETAILS, LIST OF ILLINOIS DOT HIGHWAY STANDARDS, GENERAL NOTES, BENCHMARKS, HOT-MIX ASPHALT MIXTURE REQUIREMENTS				
SCALE: NONE	SHEET NO.	OF SHEETS	STA.	TO STA.

Specialty Item	Special Provision	Code Number	Item	Unit	Total Quantity	Construction Code Roadway 0005
		20200100	EARTH EXCAVATION	CU YD	3454	3454
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	300	300
		20800150	TRENCH BACKFILL	CU YD	147	147
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	451	451
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	11393	11393
		21400100	GRADING AND SHAPING DITCHES	FOOT	3780	3780
		25200110	SODDING, SALT TOLERANT	SQ YD	11393	11393
		25200200	SUPPLEMENTAL WATERING	UNIT	140	140
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	235	235
		28000305	TEMPORARY DITCH CHECKS	FOOT	340	340
		28000400	PERIMETER EROSION BARRIER	FOOT	2507	2507
		28000510	INLET FILTERS	EACH	17	17
		28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	11393	11393
		30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	300	300
		30300112	AGGREGATE SUBGRADE IMPROVEMENT, 12"	SQ YD	1066	1066
		31101180	SUBBASE GRANULAR MATERIAL, TYPE B, 2"	SQ YD	880	880

FILE NAME FAU 1587 (McCARTHY ROAD)
FAU 1085 (ILLINOIS STREET) TO CH500JSH (WALKER ROAD)
#19383 DIKE LANES AND RESURFACING

USER NAME =	DESIGNED -- JLC	REVISED -- 2-21-20 THK
	DRAWN -- JFP	REVISED -- 8-06-20 JLC
PLOT SCALE =	CHECKED -- THK	REVISED -- 8-11-20 JLC
PLOT DATE =	DATE -- 7-6-17	REVISED -- 10-02-20 JLC
		11-04-20 JLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G86 78Q5 (279)	

Specialty Item	Special Provision	Code Number	Item	Unit	Total Quantity	Construction Code Roadway 0005
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B, 4"	SQ YD	6462	6462
		35600700	HOT-MIX ASPHALT BASE COURSE WIDENING, 6"	SQ YD	5317	5317
		35600703	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 3/4"	SQ YD	420	420
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	24168	24168
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	42	42
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	408	408
		40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1551	1551
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	163	163
		40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	3107	3107
		42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 7 INCH	SQ YD	252	252
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	7252	7252
		42400800	DETECTABLE WARNINGS	SQ FT	590	590
		44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	416	416
		44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	30421	30421
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1297	1297
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1117	1117

FILE NAME: FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
#19383 BIKE LANES AND RESURFACING

USER NAME =	DESIGNED -- JLC	REVISED -- 2-21-20 THK
	DRAWN -- JFP	REVISED -- 8-06-20 JLC
PLOT SCALE =	CHECKED -- THK	REVISED -- 8-11-20 JLC
PLOT DATE =	DATE -- 7-6-17	REVISED -- 10-02-20 JLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	4
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G86 78Q5 (279)	

Specialty Item	Special Provision	Code Number	Item	Unit	Total Quantity	Construction Code Roadway 0005
		44000600	SIDEWALK REMOVAL	SQ FT	7476	7476
		44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	321	321
		44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	42	42
		44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	74	74
		50300300	PROTECTIVE COAT	SQ YD	1304	1304
*		50901760	PIPE HANDRAIL	FOOT	528	528
		52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	469	469
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5	5
		54213672	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 27"	EACH	2	2
		54262710	METAL FLARED END SECTIONS 10"	EACH	1	1
		550A0130	STORM SEWERS, CLASS A, TYPE 1, 27"	FOOT	145	145
	*	550B0040	STORM SEWERS, CLASS B, TYPE 1, 10"	FOOT	20	20
	*	550B0050	STORM SEWERS, CLASS B, TYPE 1, 12"	FOOT	390	390
	*	550B0070	STORM SEWERS, CLASS B, TYPE 1, 15"	FOOT	5	5
		55100500	STORM SEWER REMOVAL 12"	FOOT	20	20
*		56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1


FILE NAME
FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500JSH (WALKER ROAD)
#19383 BIKE LANES AND RESURFACING

USER NAME =	DESIGNED -- JLC	REVISED -- 2-21-20 THK
	DRAWN -- JFP	REVISED -- 8-06-20 JLC
PLOT SCALE =	CHECKED -- THK	REVISED -- 8-11-20 JLC
PLOT DATE =	DATE -- 7-6-17	REVISED -- 10-02-20 JLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

		545 Plainfield Road, Suite A Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132 <small>Illinois Professional Design Firm No. 184-009728</small>	
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS SHEET NO.
1587	14-00052-00-BT	COOK	91 5
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61G86 78Q5 (279)

Specialty Item	Special Provision	Code Number	Item	Unit	Total Quantity	Construction Code Roadway 0005
		56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	3	3
		60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1
		60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	2
		60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2	2
		60250200	CATCH BASINS TO BE ADJUSTED	EACH	27	27
		60255500	MANHOLES TO BE ADJUSTED	EACH	10	10
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3
		60266600	VALVE BOXES TO BE ADJUSTED	EACH	5	5
		60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	7	7
		60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	21	21
		60500040	REMOVING MANHOLES	EACH	1	1
		60500050	REMOVING CATCH BASINS	EACH	1	1
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1057	1057
*		63301210	REMOVE AND REERECT STEEL PLATE GUARDRAIL, TYPE A,	FOOT	263	263
*		63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	4	4
*		66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	640	640


FILE NAME FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
#19383 BIKE LANES AND RESURFACING

USER NAME =	DESIGNED -- JLC	REVISED -- 2-21-20 THK
	DRAWN -- JFP	REVISED -- 8-06-20 JLC
PLOT SCALE =	CHECKED -- THK	REVISED -- 8-11-20 JLC
PLOT DATE =	DATE -- 7-6-17	REVISED -- 10-02-20 JLC
		10-26-20 JLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

		545 Plainfield Road, Suite A Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132 <small>Illinois Professional Design Firm No. 184-00928</small>	
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS SHEET NO.
1587	14-00052-00-BT	COOK	91 6
FED. ROAD DIST. NO.		ILLINOIS FED. AD PROJECT	CONTRACT NO. 61G86 78Q5 (279)

Specialty Item	Special Provision	Code Number	Item	Unit	Total Quantity	Construction Code Roadway 0005
*		66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7
*		66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
*		66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
*		66901006	REGULATED SUBSTANCES MONITORING	CAL DAY	24	24
		67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	6	6
		67100100	MOBILIZATION	L SUM	1	1
		70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
		70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
		70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	2403	2403
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	803	803
*		72000100	SIGN PANEL - TYPE 1	SQ FT	188	188
*		72400500	RELOCATE SIGN PANEL ASSEMBLY, TYPE A	EACH	55	55
*		72900100	METAL POST - TYPE A	FOOT	242	242
*		78000100	THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SQ FT	1370	1370
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	26254	26254
*		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2862	2862

FILE NAME
FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
#19383 BIKE LANES AND RESURFACING

USER NAME =
PLOT SCALE =
PLOT DATE =

DESIGNED - JLC
DRAWN - JFP
CHECKED - THK
DATE - 7-6-17

REVISED - 2-21-20 THK
REVISED - 8-06-20 JLC
REVISED - 8-11-20 JLC
REVISED - 10-02-20 JLC
11-04-20 JLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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



545 Plainfield Road, Suite A
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G86 78Q5 (279)	

Specialty Item	Special Provision	Code Number	Item	Unit	Total Quantity	Construction Code Roadway 0005
*		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1914	1914
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	387	387
*		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	346	346
		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	317	317
*	*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1
		X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	130	130
	*	X0322924	RETAINING WALL REMOVAL	SQ FT	231	231
		X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	78	78
*	*	X8140115	HANDHOLE TO BE ADJUSTED	EACH	2	2
		Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	770	770
		Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
	*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	104	104
	*	Z0062000	SAW CUTTING	FOOT	8400	8400
#	*	Z0076600	TRAINEES	HOUR	500	500
#	*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500

#0040


FILE NAME
FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
#19J83 BIKE LANES AND RESURFACING

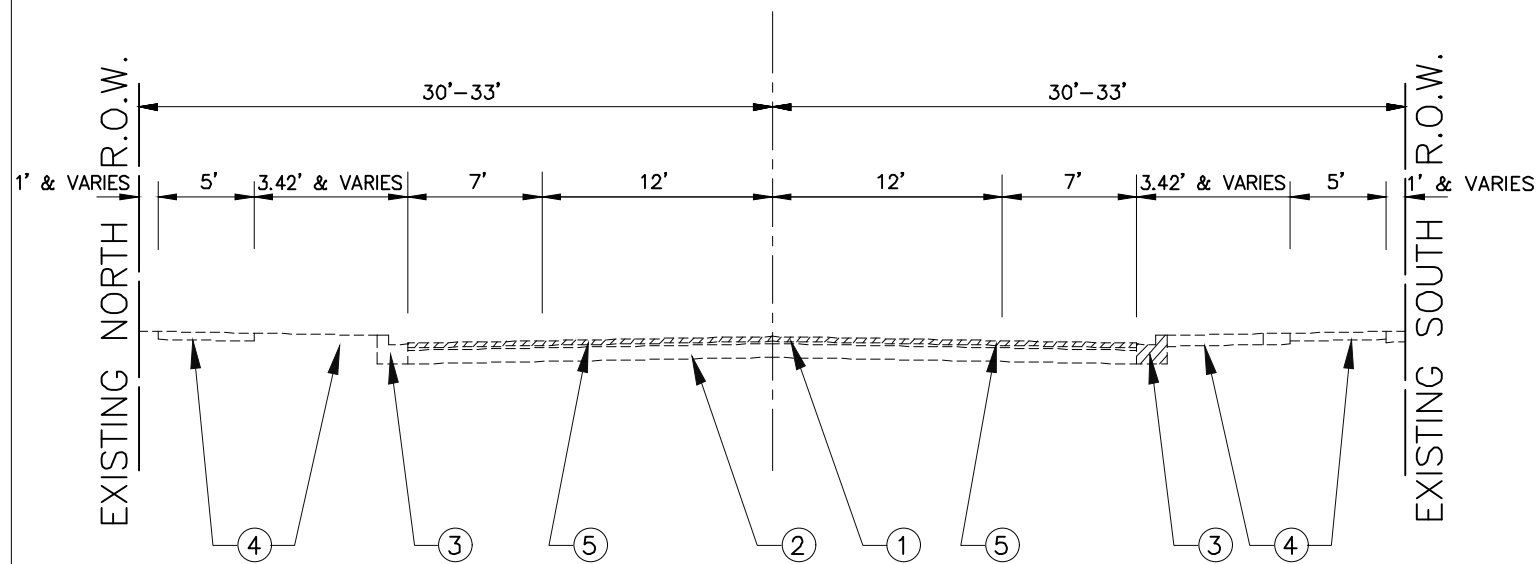
USER NAME =	DESIGNED -- JLC	REVISED -- 2-21-20 THK
	DRAWN -- JFP	REVISED -- 8-06-20 JLC
PLOT SCALE =	CHECKED -- THK	REVISED -- 8-11-20 JLC
PLOT DATE =	DATE -- 7-6-17	REVISED -- 10-02-20 JLC
		10-26-20 JLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

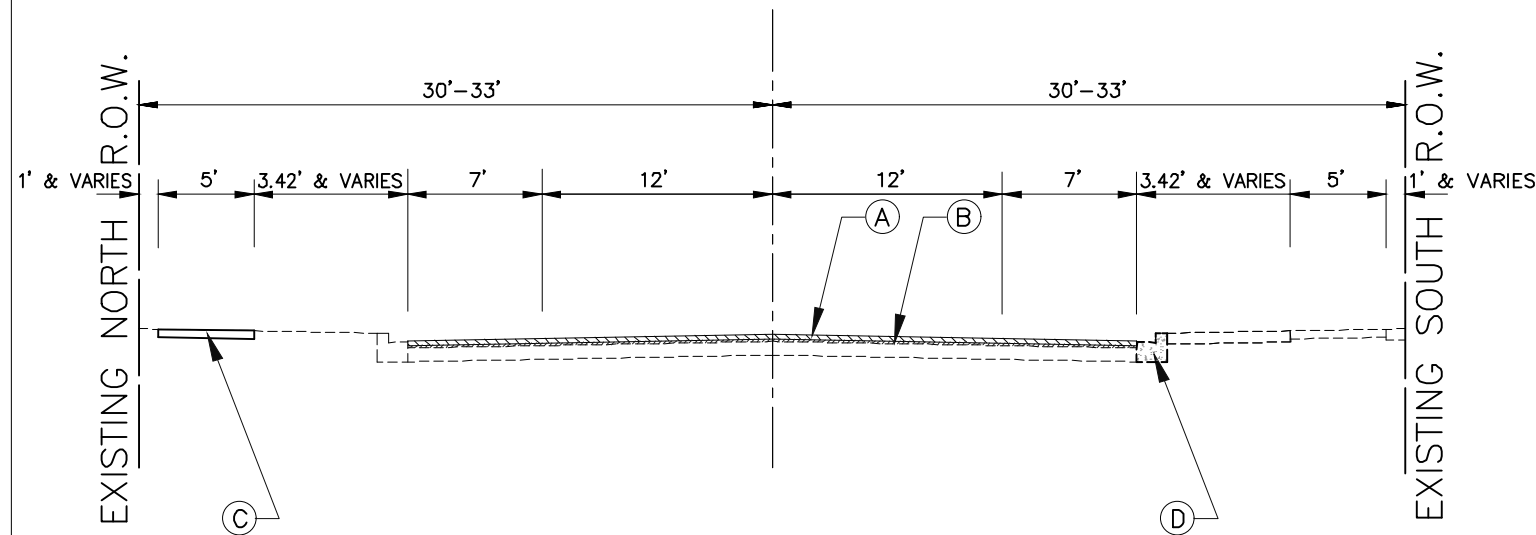
SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

 NOVOTNY ENGINEERING <small>Illinois Professional Design Firm No. 184-000928</small>	545 Plainfield Road, Suite A Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132			
	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
1587	14-00052-00-BT	COOK	91	8
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	7805 (279)	
CONTRACT NO. 61G86				



EXISTING TYPICAL SECTION
 STA. 1+32 TO STA. 24+20, FAU 1587 (McCARTHY ROAD)

- EXISTING LEGEND**
- ① EXISTING HOT-MIX ASPHALT SURFACE COURSE, 4-1/2 INCH
 - ② EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, ±9 INCH, 20 FOOT WIDTH
 - ③ EXISTING COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
 - ④ PORTLAND CEMENT CONCRETE SIDEWALK, PORTLAND CEMENT CONCRETE DRIVEWAY, HOT-MIX ASPHALT DRIVEWAY, DRAINAGE DITCHES, OR EXISTING GRASS PARKWAY
 - ⑤ PROPOSED "HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4 INCH"
- ▨ INDICATES REMOVAL ITEMS AS APPLICABLE "COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT", "EARTH EXCAVATION", "HOT-MIX ASPHALT SURFACE REMOVAL", OR "SIDEWALK REMOVAL"



PROPOSED TYPICAL SECTION
 STA. 1+32 TO STA. 24+20, FAU 1587 (McCARTHY ROAD)

- PROPOSED LEGEND**
- (A) PROPOSED "HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70", (IL-9.5mm), 1-1/2 INCH
 - (B) PROPOSED "POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50", 3/4 INCH
- AS APPLICABLE**
- (C) PROPOSED "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH" ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
 - (D) PROPOSED COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (TYPICAL BOTH SIDES), AS NOTED ON PLANS

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
 REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

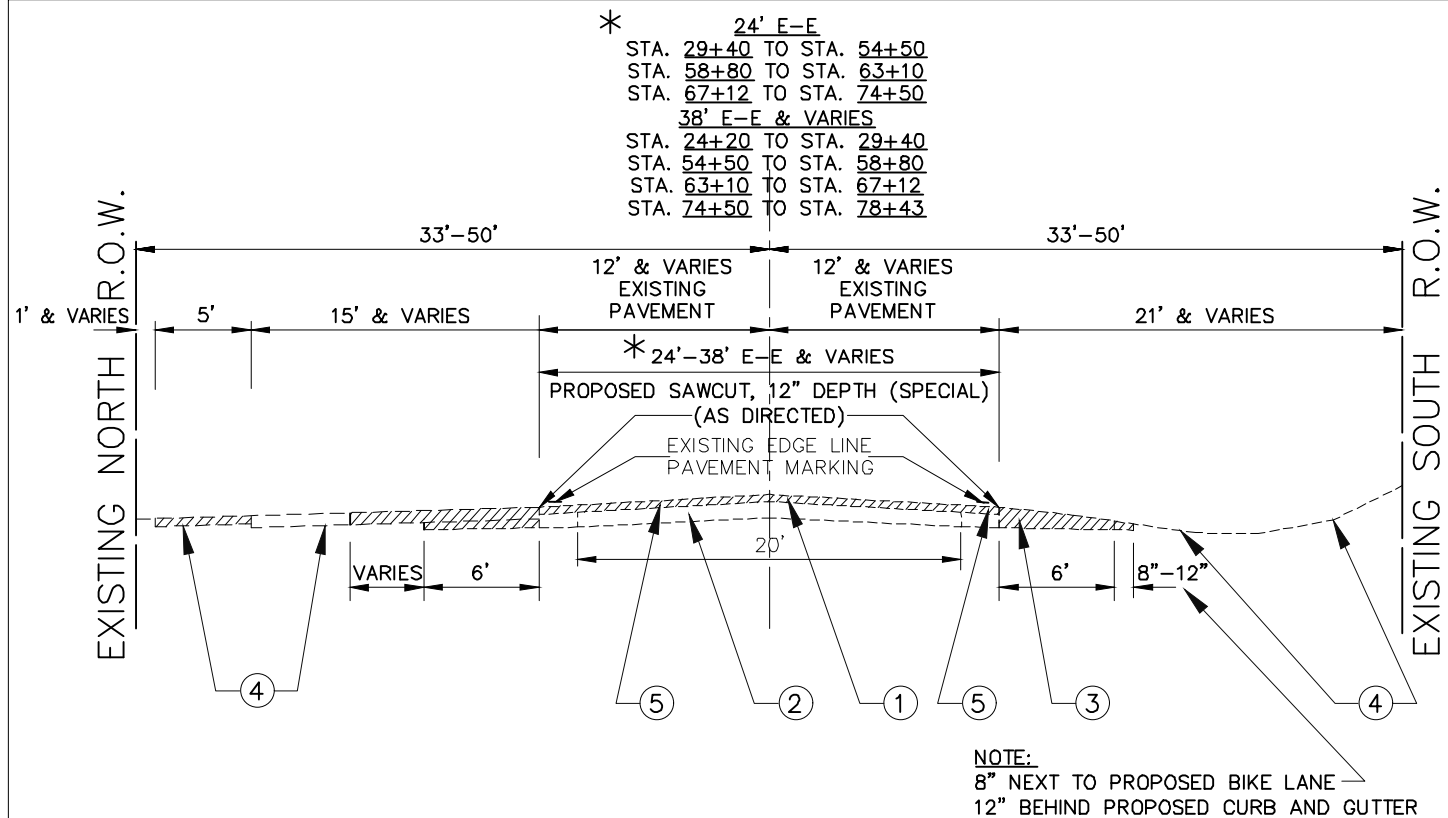
NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-000928

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) #19383 BICYCLE LANES	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
	PLOT SCALE = 1"=5'	DRAWN - JFP	REVISED - 8-06-20 JLC
	PLOT DATE =	CHECKED - THK	REVISED - 10-02-20 JLC
		DATE - 7-6-17	REVISED - 10-26-20 JLC

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
STA. 1+32 TO STA. 24+20, FAU 1587 (McCARTHY ROAD)			
SCALE: 1"=5'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	9
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	7805 (279)		

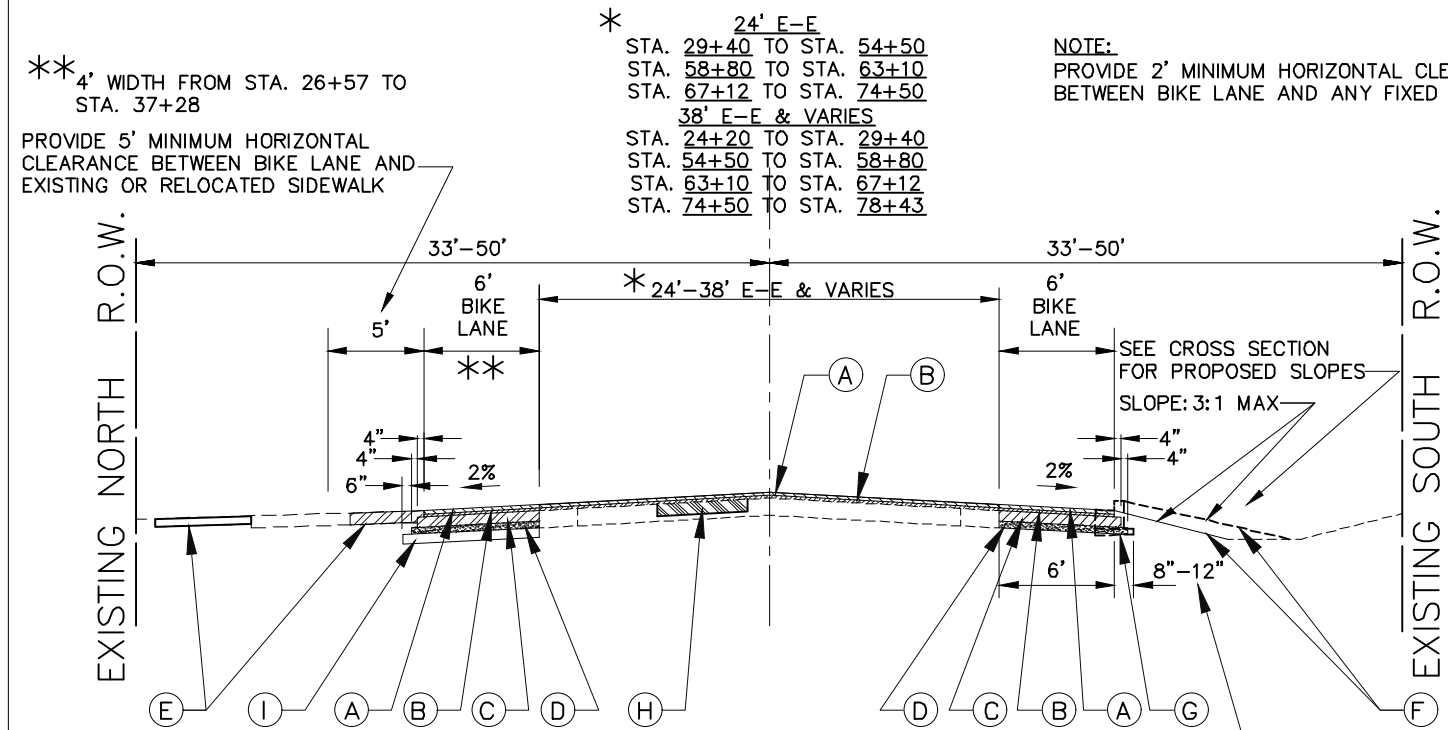


EXISTING TYPICAL SECTION

STA. 24+20 TO STA. 78+43, FAU 1587 (McCARTHY ROAD)

EXISTING LEGEND

- ① EXISTING HOT-MIX ASPHALT SURFACE COURSE, 4-1/2 INCH
 - ② EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, ±9 INCH, 20 FOOT WIDTH
 - ③ EXISTING AGGREGATE OR EARTHEN SHOULDER
 - ④ PORTLAND CEMENT CONCRETE SIDEWALK, PORTLAND CEMENT CONCRETE DRIVEWAY, HOT-MIX ASPHALT DRIVEWAY, DRAINAGE DITCHES, OR EXISTING GRASS PARKWAY
 - ⑤ PROPOSED "HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4 INCH"
- INDICATES REMOVAL ITEMS AS APPLICABLE "COMBINATION CURB AND GUTTER REMOVAL", "COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT", "EARTH EXCAVATION", "HOT-MIX ASPHALT SURFACE REMOVAL", "DRIVEWAY PAVEMENT REMOVAL", OR "SIDEWALK REMOVAL"



PROPOSED TYPICAL SECTION

STA. 24+20 TO STA. 78+43 FAU 1587 (McCARTHY ROAD)

PROPOSED LEGEND

- Ⓐ PROPOSED "HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70", 1-1/2 INCH
- Ⓑ PROPOSED "POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50", 3/4 INCH
- Ⓒ PROPOSED "HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH"
- Ⓓ PROPOSED "SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH" (FOR PROPOSED HOT-MIX ASPHALT BIKE LANE LOCATION)
 PROPOSED "AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH" PER S.Y. (FOR PROPOSED ROADWAY WIDENING LOCATIONS)
- Ⓔ AS APPLICABLE
 Ⓔ PROPOSED "HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50", 4 INCH, IN 2 LIFTS (FOR DRIVEWAYS)
 OR
 PROPOSED "PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH" ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
 OR
 PROPOSED "PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH" ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH"
- Ⓕ PROPOSED "TOPSOIL FURNISH & PLACE, 4 INCH" AND "SODDING, SALT TOLERANT"
- Ⓖ PROPOSED "COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12" ON "SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH"
- Ⓗ "CLASS D PATCHES, TYPE II-IV, 10 INCH"- AS DIRECTED AT LOCATIONS BY THE ENGINEER
- Ⓘ PROPOSED "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" AND "AGGREGATE SUBGRADE IMPROVEMENT" (PER C.Y.) WITH "GEOTECHNICAL FABRIC FOR GROUND STABILIZATION", SUBSEQUENT TO PROOF ROLL VERIFICATION (AS DIRECTED)
 STA. 63+64 TO STA. 66+44

IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
 REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

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

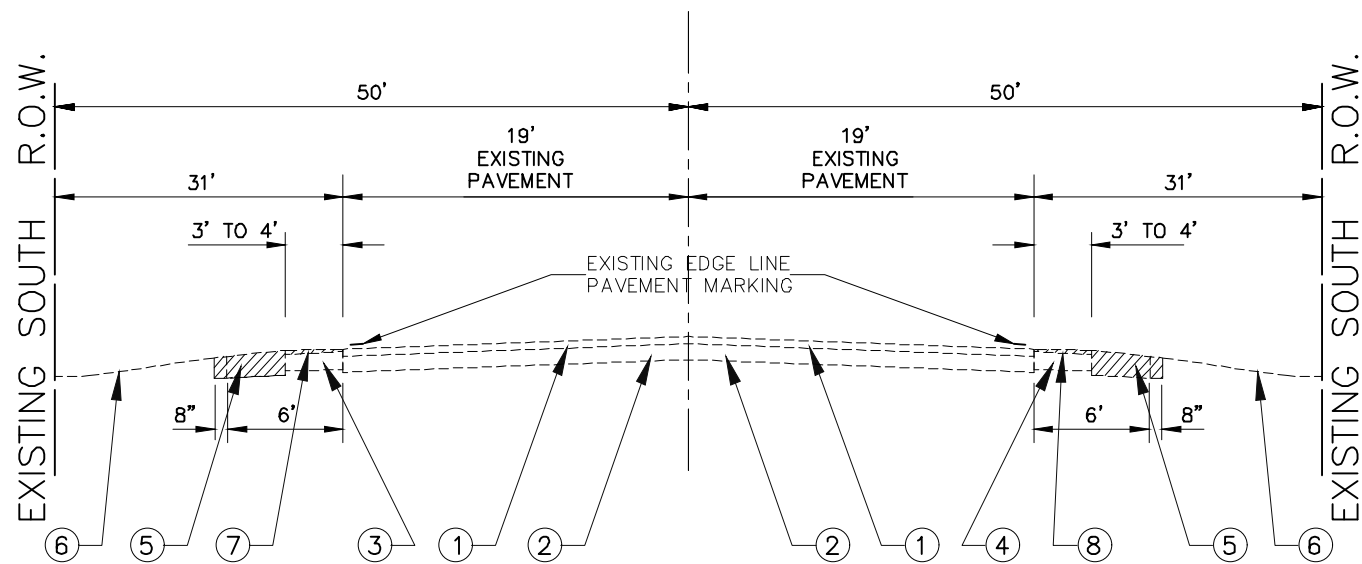
FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
BICYCLE LANES	PLOT SCALE = 1"=5'	DRAWN - JFP	REVISED - 8-06-20 JLC
#19383	PLOT DATE =	CHECKED - THK	REVISED - 10-02-20 JLC
		DATE - 7-6-17	REVISED - 10-26-20 JLC

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 STA. 24+20 TO STA. 78+43 FAU 1587 (McCARTHY ROAD)

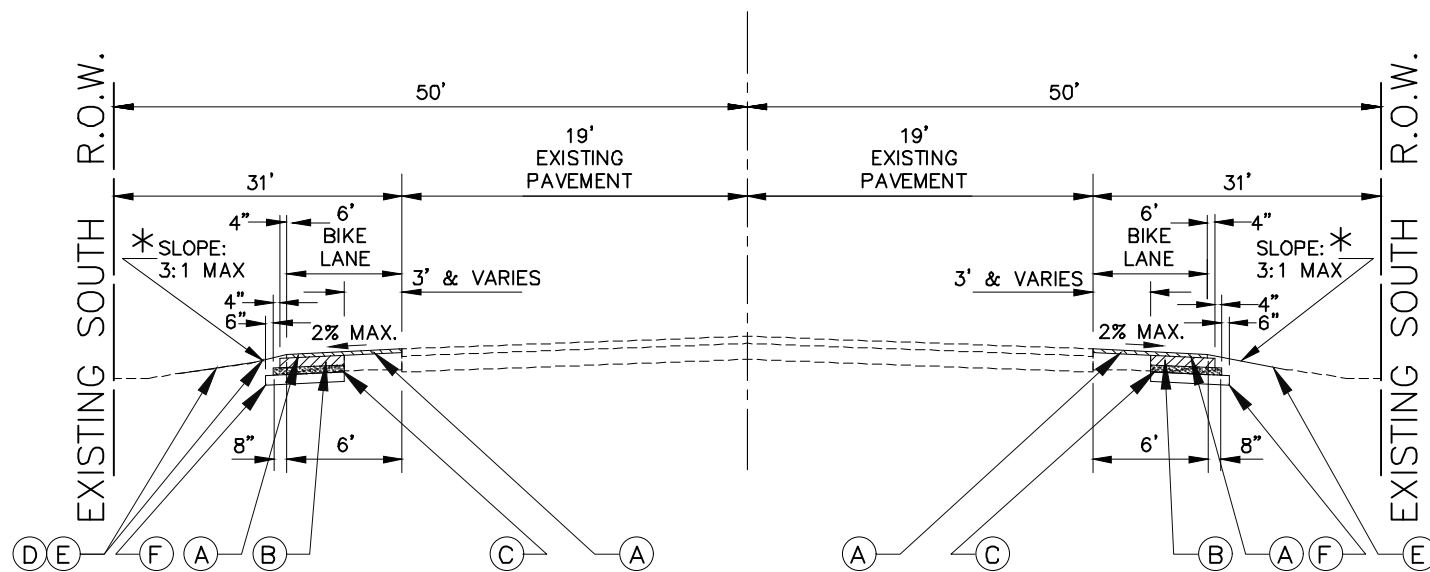
SCALE: 1"=5'	SHEET NO. OF SHEETS	STA. TO STA.
--------------	---------------------	--------------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	10
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	7805 (279)
CONTRACT NO. 61G86				



EXISTING TYPICAL SECTION
 STA. 78+43 TO STA. 84+64, FAU 1587 (McCARTHY ROAD)

- EXISTING LEGEND**
- ① EXISTING HOT-MIX ASPHALT SURFACE COURSE, 4-1/2 INCH
 - ② EXISTING HOT-MIX ASPHALT BASE COURSE
 - ③ EXISTING 3'± WIDTH HOT-MIX ASPHALT SHOULDER OR
 - ④ EXISTING 3'± WIDTH HOT-MIX ASPHALT SHOULDER OR EXISTING COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12 AND CONCRETE GUTTER OUTLET (STA. 84+07 TO STA. 84+64)
 - ⑤ EXISTING AGGREGATE SHOULDER
 - ⑥ PORTLAND PORTLAND CEMENT CONCRETE SIDEWALK, PORTLAND CEMENT CONCRETE DRIVEWAY, HOT-MIX ASPHALT DRIVEWAY, DRAINAGE DITCHES, OR EXISTING GRASS PARKWAY
 - ⑦ PROPOSED "HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2 INCH"
 - ⑧ PROPOSED "HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2 INCH" AND "COMBINATION CURB AND GUTTER REMOVAL" (STA. 84+07 TO STA. 84+64)
- ▨ INDICATES REMOVAL ITEMS AS APPLICABLE "COMBINATION CURB AND GUTTER REMOVAL", "EARTH EXCAVATION", "HOT-MIX ASPHALT SURFACE REMOVAL", "DRIVEWAY PAVEMENT REMOVAL", OR "SIDEWALK REMOVAL"



PROPOSED TYPICAL SECTION
 STA. 78+43 TO STA. 84+64, FAU 1587 (McCARTHY ROAD)

- PROPOSED LEGEND**
- (A) PROPOSED "HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70", 1-1/2 INCH
 - (B) PROPOSED "HOT-MIX ASPHALT BASE COURSE WIDENING, 6-3/4 INCH" (FOR PROPOSED HOT-MIX ASPHALT BIKE LANE)
 - (C) PROPOSED "SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH" AS APPLICABLE
 - (D) PROPOSED "HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50", 4 INCH, IN 2 LIFTS OR PROPOSED "PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH" ON "SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH" OR "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12" STA. 84+32 TO STA. 84+64
 - (E) PROPOSED "TOPSOIL FURNISH & PLACE, 4 INCH" AND "SODDING, SALT TOLERANT"
 - (F) PROPOSED "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" AND "AGGREGATE SUBGRADE IMPROVEMENT" (PER C.Y.) WITH "GEOTECHNICAL FABRIC FOR GROUND STABILIZATION", SUBSEQUENT TO PROOF ROLL VERIFICATION (AS DIRECTED) STA. 78+61 TO STA. 81+60 (EACH SIDE)

* SEE CROSS SECTION FOR PROPOSED SLOPES

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
 REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) #19383 BICYCLE LANES	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
		DRAWN - JFP	REVISED - 8-06-20 JLC
	PLOT SCALE = H: 1"=40'; V: 1"=1'	CHECKED - THK	REVISED - 10-02-20 JLC
	PLOT DATE =	DATE - 7-6-17	REVISED - 10-26-20 JLC

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
STA. 78+43 TO STA. 84+64, FAU 1587 (McCARTHY ROAD)			
SCALE: 1"=5'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	11
CONTRACT NO. 61G86			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)	

Illinois QUANTITY COMPUTATIONS AUGUST, 2020
 EARTHWORK COMPUTATIONS
 Computed By: Jeff Panoch DATE: 7/30/2020 Route: FAU 1587 (McCARTHY ROAD)
 Checked By: James Cainkar DATE: 7/30/2020 Section: _____
 Shrinkage Factor: 15% County/City: COOK, LEMONT

(1) STATION NO.	(2) % GRADE	(3) TANGENT ELEV. (ft)	(4) VERT. CURVE CORR. (ft)	(5) GRADE ELEV. (ft)	(6) END AREA (ft ²)		(7) SUM OF END AREAS (ft ²)		(8) DISTANCE (ft)	(9) SECTION VOLUMES (yd ³)		
					CUT	FILL	CUT	FILL		CUT	FILL	
25+38				727.18	8.16	1.04			100	34.26	2.69	
26+38				728.59	10.34	0.41	9.25	0.73	100	48.43	2.24	
27+38				729.07	15.81	0.80	13.08	0.61	100	82.83	1.94	
28+38				729.10	28.92	0.25	22.37	0.53	100	141.70	1.59	
29+38				728.96	47.60	0.61	38.26	0.43	100	117.70	13.20	
30+38				728.31	15.96	6.52	31.78	3.57	100	47.54	30.87	
31+38				727.65	9.71	10.15	12.84	8.34	100	27.93	48.41	
32+10				727.35	11.24	26.16	10.48	18.16	72	12.20	24.49	
32+38				727.51	12.29	21.08	11.77	23.62	28	44.13	83.35	
33+38				728.78	11.54	23.93	11.92	22.51	100	24.11	33.27	
34+10				730.26	6.54	1.02	9.04	12.48	72	14.90	2.33	
34+50				731.20	13.57	2.13	10.06	1.58	40	19.83	2.38	
34+82				732.23	19.90	1.88	16.74	2.01	32	9.76	1.26	
34+97				732.60	15.24	2.65	17.57	2.27	15	7.07	1.41	
35+10				732.99	14.14	3.22	14.69	2.94	13	32.05	4.30	
35+48				734.30	31.41	2.89	22.78	3.06	38	20.44	2.38	
35+66				734.89	29.92	4.24	30.67	3.57	18	31.99	8.89	
36+05				736.21	14.38	8.07	22.15	6.16	39	73.54	16.13	
37+05				739.33	25.33	0.64	19.86	4.36	100	30.53	2.29	
37+55				740.45	7.64	1.83	16.49	1.24	50			
()	() These columns are optional.				Total Section Volumes				664.45	253.74		
64-2(2)					Shrinkage Factor				-----	0.85		
					Adjusted Volume				664.45	215.68		

Illinois QUANTITY COMPUTATIONS AUGUST, 2020
 EARTHWORK COMPUTATIONS
 Computed By: Jeff Panoch DATE: 7/30/2020 Route: FAU 1587 (McCARTHY ROAD)
 Checked By: James Cainkar DATE: 7/30/2020 Section: _____
 Shrinkage Factor: 15% County/City: COOK, LEMONT

(1) STATION NO.	(2) % GRADE	(3) TANGENT ELEV. (ft)	(4) VERT. CURVE CORR. (ft)	(5) GRADE ELEV. (ft)	(6) UNSUITA ELE END AREA (ft ²)		(7) SUM OF END AREAS (ft ²)		(8) DISTANCE (ft)	(9) SECTION VOLUMES (yd ³)		
					CUT	FILL	CUT	FILL		CUT	FILL	
25+38				727.18								
26+38				728.59								
27+38				729.07								
28+38				729.10								
29+38				728.96								
30+38				728.31								
31+38				727.65								
32+10				727.35								
32+38				727.51								
33+38				728.78								
34+10				730.26								
34+50				731.20								
34+82				732.23								
34+97				732.60								
35+10				732.99								
35+48				734.30								
35+66				734.89								
36+05				736.21								
37+05				739.33								
37+55				740.45								
()	() These columns are optional.				Total Section Volumes							
64-2(2)					Shrinkage Factor				-----	0.85		
					Adjusted Volume							

FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
 #19383 BIKE LANES AND RESURFACING

USER NAME =
 DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17
 REVISED - 2-21-20 THK
 REVISED - 8-06-20 JLC
 REVISED - 10-02-20 JLC
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EARTHWORK COMPUTATIONS
 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.
1587	14-00052-00-BT	COOK	91	12
CONTRACT NO. 61G86			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)	

Illinois QUANTITY COMPUTATIONS AUGUST, 2020
 EARTHWORK COMPUTATIONS
 Computed By: Jeff Panoch DATE: 7/30/2020 Route: FAU 1587 (McCARTHY ROAD)
 Checked By: James Cainkar DATE: 7/30/2020 Section:
 Shrinkage Factor: 15% County/City: COOK, LEMONT

(1) STATION NO.	(2) % GRADE	(3) TANGENT ELEV. (ft)	(4) VERT. CURVE CORR. (ft)	(5) GRADE ELEV. (ft)	(6) END AREA (ft ²)		(7) SUM OF END AREAS (ft ²)		(8) DISTANCE (ft)	(9) SECTION VOLUMES (yd ³)		
					CUT	FILL	CUT	FILL		CUT	FILL	
37+55				740.45	7.64	1.83			100	33.44	10.59	
38+40				742.11	10.42	3.89	9.03	2.86	100	52.13	9.30	
39+14				742.16	17.73	1.13	14.08	2.51	100	64.43	3.70	
40+14				744.14	17.06	0.87	17.40	1.00	100	56.19	6.28	
40+88				744.35	13.28	2.52	14.34	1.54	100	53.09	5.69	
41+66				744.56	15.39	0.55	14.52	0.98	100	53.76	3.63	
42+64				744.29	13.64	1.41	13.77	1.83	106	54.04	7.18	
43+70				743.66	13.89	2.25	15.25	1.71	96	54.22	6.08	
44+66				743.05	16.61	1.17	11.93	1.12	100	44.17	4.13	
45+66				742.56	7.24	1.06	6.78	1.07	40	10.04	1.59	
46+06				742.35	6.31	1.08	9.23	1.25	76	25.97	3.50	
46+82				742.04	12.14	1.41	11.69	3.00	83	35.94	9.22	
47+65				741.41	11.24	4.59	13.24	3.55	100	49.02	13.13	
48+65				740.86	15.23	2.50	12.45	5.76	100	46.11	21.31	
49+65				740.28	9.67	9.01	6.41	9.29	55	13.06	18.92	
50+20				740.12	3.15	9.57	7.32	5.93	45	12.20	9.88	
50+65				740.09	11.49	2.28	11.63	1.94	100	43.07	7.17	
51+65				740.00	11.77	1.59	8.78	1.07	71	23.09	2.80	
52+36				739.95	5.79	0.54	8.74	2.15	79	25.57	6.29	
53+15	(.)	(.)	(.)	739.91	11.69	3.76						
(.) These columns are optional.					Total Section Volumes		645.59	124.26				
64-2(2)					Shrinkage Factor		-----	0.85				
					Adjusted Volume		645.59	105.62				

Page 2

Illinois QUANTITY COMPUTATIONS AUGUST, 2020
 EARTHWORK COMPUTATIONS
 Computed By: Jeff Panoch DATE: 7/30/2020 Route: FAU 1587 (McCARTHY ROAD)
 Checked By: James Cainkar DATE: 7/30/2020 Section:
 Shrinkage Factor: 15% County/City: COOK, LEMONT

(1) STATION NO.	(2) % GRADE	(3) TANGENT ELEV. (ft)	(4) VERT. CURVE CORR. (ft)	(5) GRADE ELEV. (ft)	(6) UNSUITABLE END AREA (ft ²)		(7) SUM OF END AREAS (ft ²)		(8) DISTANCE (ft)	(9) SECTION VOLUMES (yd ³)		
					CUT	FILL	CUT	FILL		CUT	FILL	
37+55				740.45								
38+40				742.11								
39+14				742.16								
40+14				744.14								
40+88				744.35								
41+66				744.56								
42+64				744.29								
43+70				743.66								
44+66				743.05								
45+66				742.56								
46+06				742.35								
46+82				742.04								
47+65				741.41								
48+65				740.86								
49+65				740.28								
50+20				740.12								
50+65				740.09								
51+65				740.00								
52+36				739.95								
53+15	(.)	(.)	(.)	739.91								
(.) These columns are optional.					Total Section Volumes							
64-2(2)					Shrinkage Factor		-----	0.85				
					Adjusted Volume							

Page 2a

FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
 #19383 BIKE LANES AND RESURFACING

USER NAME =
 DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17
 REVISED - 2-21-20 THK
 REVISED - 8-06-20 JLC
 REVISED - 10-02-20 JLC
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EARTHWORK COMPUTATIONS
 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.
1587	14-00052-00-BT	COOK	91	13
CONTRACT NO. 61G86			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)	

Illinois QUANTITY COMPUTATIONS AUGUST, 2020
 EARTHWORK COMPUTATIONS
 Computed By: Jeff Panoch DATE: 7/30/2020 Route: FAU1587 (McCARTHY ROAD)
 Checked By: James Cainkar DATE: 7/30/2020 Section: _____
 Shrinkage Factor: 15% County/City: COOK, LEMONT

(1) STATION NO.	(2) % GRADE	(3) TANGENT ELEV. (ft)	(4) VERT. CURVE CORR. (ft)	(5) GRADE ELEV. (ft)	(6) END AREA (ft ²)		(7) SUM OF END AREAS (ft ²)		(8) DISTANCE (ft)	(9) SECTION VOLUMES (yd ³)		
					CUT	FILL	CUT	FILL		CUT	FILL	
53+15				739.91	11.69	3.76	10.90	14.47	100	40.35	53.59	
54+15				739.97	10.10	25.18	5.68	13.16	115	24.17	56.05	
55+30				740.15	1.25	1.14	4.95	1.20	57	10.45	2.53	
55+87				740.14	8.65	1.26	8.97	1.31	43	14.29	2.08	
56+30				740.17	9.29	1.35	8.26	1.24	80	24.46	3.67	
57+10				740.16	7.22	1.13	7.06	1.13	48	12.54	2.01	
57+58				740.22	6.89	1.13	6.62	0.75	107	26.22	2.97	
58+65				740.26	6.34	0.37	14.23	0.58	100	52.69	2.13	
59+65				740.34	22.11	0.78	34.75	0.70	100	128.69	2.57	
60+65				740.16	47.38	0.61	37.89	1.45	100	140.31	5.37	
61+65				739.89	28.39	2.29	24.77	1.84	100	91.72	6.80	
62+65				739.62	21.14	1.38	11.15	1.26	100	41.28	4.67	
63+65				738.99	1.15	1.14	4.81	1.14	56	9.98	2.35	
64+21				738.58	8.47	1.13	9.65	1.24	47	16.80	2.16	
64+68				738.29	10.83	1.35	10.15	1.36	78	29.31	3.91	
65+46				737.55	9.46	1.36	9.47	1.35	45	15.78	2.25	
65+91				737.12	9.48	1.34	5.28	2.21	97	18.95	7.92	
66+43				736.58	1.07	3.07	23.28	2.52	69	59.49	6.43	
67+12				735.88	45.49	1.96	40.73	4.40	62	93.53	10.09	
67+74				735.28	35.97	6.83	17.99	3.42	91	60.62	11.51	
()	() These columns are optional.						Total Section Volumes		638.67	101.53		
64-2(2)							Shrinkage Factor		-----	0.85		
							Adjusted Volume		638.67	86.30		

Page 3

Illinois QUANTITY COMPUTATIONS AUGUST, 2020
 EARTHWORK COMPUTATIONS
 Computed By: Jeff Panoch DATE: 7/30/2020 Route: FAU1587 (McCARTHY ROAD)
 Checked By: James Cainkar DATE: 7/30/2020 Section: _____
 Shrinkage Factor: 15% County/City: COOK, LEMONT

(1) STATION NO.	(2) % GRADE	(3) TANGENT ELEV. (ft)	(4) VERT. CURVE CORR. (ft)	(5) GRADE ELEV. (ft)	(6) UNSUITABLE END AREA (ft ²)		(7) SUM OF END AREAS (ft ²)		(8) DISTANCE (ft)	(9) SECTION VOLUMES (yd ³)		
					CUT	FILL	CUT	FILL		CUT	FILL	
54+15				739.97								
55+30				740.15								
55+87				740.14								
56+30				740.17								
57+10				740.16								
57+58				740.22								
58+65				740.26								
59+65				740.34								
60+65				740.16								
61+65				739.89								
62+65				739.62								
63+65				738.99	1.30							
64+21				738.58	3.70	2.50			56	5.19		
64+68				738.29	4.10	3.90			47	6.79		
65+46				737.55	3.70	3.90			78	11.27		
65+91				737.12	3.70	3.70			45	6.17		
66+43				736.58	1.30	2.50			97	8.98		
67+12				735.88		0.65			69	1.66		
67+74				735.28								
()	() These columns are optional.						Total Section Volumes		23.24			
64-2(2)							Shrinkage Factor		-----	0.85		
							Adjusted Volume		23.24			

Page 3a

FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
 #19383 BIKE LANES AND RESURFACING

USER NAME = _____
 DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17

REVISED - 2-21-20 THK
 REVISED - 8-06-20 JLC
 REVISED - 10-02-20 JLC
 REVISED - _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

NOVOTNY ENGINEERING
 Illinois Professional Design Firm No. 184-000928

545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	14

CONTRACT NO. 61G86
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)

Illinois QUANTITY COMPUTATIONS AUGUST, 2020

EARTHWORK COMPUTATIONS

Computed By: Jeff Panoch DATE: 7/30/2020 Route: FAU 1587 (McCARTHY ROAD)
 Checked By: James Calinkar DATE: 11/1/2010 Section: _____
 Shrinkage Factor: 15% County/City: COOK, LEMONT

(1) STATION NO.	(2) % GRADE	(3) TANGENT ELEV. (ft)	(4) VERT. CURVE CORR. (ft)	(5) GRADE ELEV. (ft)	(6) END AREA (ft ²)		(7) SUM OF END AREAS (ft ²)		(8) DISTANCE (ft)	(9) SECTION VOLUMES (yd ³)	
					CUT	FILL	CUT	FILL		CUT	FILL
67+74				735.28	35.97	6.83	39.42	8.45	91	132.86	28.48
68+65				734.26	42.87	10.07	46.03	5.33	100	170.46	19.74
69+65				733.16	49.18	0.59	38.15	4.56	100	141.30	16.87
70+65				732.06	27.12	8.52	21.63	7.35	44	35.25	11.98
71+09				731.53	16.14	6.18	18.62	4.53	56	38.62	10.23
71+65				731.03	21.10	3.68	23.29	7.10	100	86.24	26.30
72+65				730.03	25.47	10.52	21.84	6.61	100	80.87	24.48
73+65				729.03	18.20	2.70	26.34	3.01	88	85.83	9.81
74+53				728.17	34.47	3.32	36.79	3.44	60	81.76	7.63
75+13				727.85	39.11	3.55	21.01	1.84	82	63.81	5.59
75+95				727.51	2.91	0.13	7.39	1.55	18	4.92	1.03
76+13				727.41	11.86	2.97	9.93	1.81	152	55.87	10.16
77+65				727.08	7.99	0.64	7.77	0.62	95	27.32	2.18
78+60				727.70	7.54	0.60	10.82	0.59	52	20.83	1.14
79+12				727.98	14.09	0.58	14.81	0.68	100	54.83	2.52
80+12				728.77	15.52	0.78	13.91	0.75	100	51.50	2.76
81+12				729.58	12.29	0.71	9.23	2.60	100	34.19	9.63
82+12				730.32	6.17	4.49	5.47	4.62	100	20.26	17.11
83+12				731.01	4.77	4.75	3.71	3.19	100	13.72	11.81
84+12				731.83	2.64	1.63					
(-) These columns are optional.							Total Section Volumes			863.14	142.30
64-2(2)							Shrinkage Factor			-----	0.85
							Adjusted Volume			863.14	120.96

Page 4

Illinois QUANTITY COMPUTATIONS AUGUST, 2020

EARTHWORK COMPUTATIONS

Computed By: Jeff Panoch DATE: 7/30/2020 Route: FAU 1587 (McCARTHY ROAD)
 Checked By: James Calinkar DATE: 11/1/2010 Section: _____
 Shrinkage Factor: 15% County/City: COOK, LEMONT

(1) STATION NO.	(2) % GRADE	(3) TANGENT ELEV. (ft)	(4) VERT. CURVE CORR. (ft)	(5) GRADE ELEV. (ft)	(6) UNSUITABLE END AREA (ft ²)		(7) SUM OF END AREAS (ft ²)		(8) DISTANCE (ft)	(9) SECTION VOLUMES (yd ³)	
					CUT	FILL	CUT	FILL		CUT	FILL
67+74				735.28							
68+65				734.26							
69+65				733.16							
70+65				732.06							
71+09				731.53							
71+65				731.03							
72+65				730.03							
73+65				729.03							
74+53				728.17							
75+13				727.85							
75+95				727.51							
76+13				727.41							
77+65				727.08							
78+60				727.70	3.60			1.80	95	6.33	
79+12				727.98	3.60			3.60	52	6.93	
80+12				728.77	3.60			3.60	100	13.33	
81+12				729.58	3.60			3.60	100	13.33	
82+12				730.32				1.80	100	6.67	
83+12				731.01							
84+12				731.83							
(-) These columns are optional.							Total Section Volumes			46.60	
64-2(2)							Shrinkage Factor			-----	0.85
							Adjusted Volume			46.60	

Page 4a

EARTHWORK SCHEDULE

1 Location	2 Earth Excavation	3 Rock Excavation	4 Unsuitable or Unstable Material	5 Excavation to be used in Embankment	6 Embankment (PGE)	7 Earthwork Balance Waste (+) or Shortage (-)	8 Topsoil Furnish and Place
	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Square Yard
Station 25+38 to 63+65	1,917.21		-	522.44	-	1,394.77	6,293
Station 63+65 to 66+43	90.82		23.24	18.59		95.47	700
Station 66+43 to 78+61	1,250.43		-	202.51		1,047.92	3,436
Station 78+61 to 81+60	143.57		47.00	11.04		179.53	500
Station 81+60 to 84+64	51.76		-	33.93		17.83	464
Total	3,453.79	-	70.24	788.51	-	2,735.52	11,393

19383_Earthwork Schedule

FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
 #19383 BIKE LANES AND RESURFACING

USER NAME =
 DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17

REVISED - 2-21-20 THK
 REVISED - 8-06-20 JLC
 REVISED - 10-02-20 JLC
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

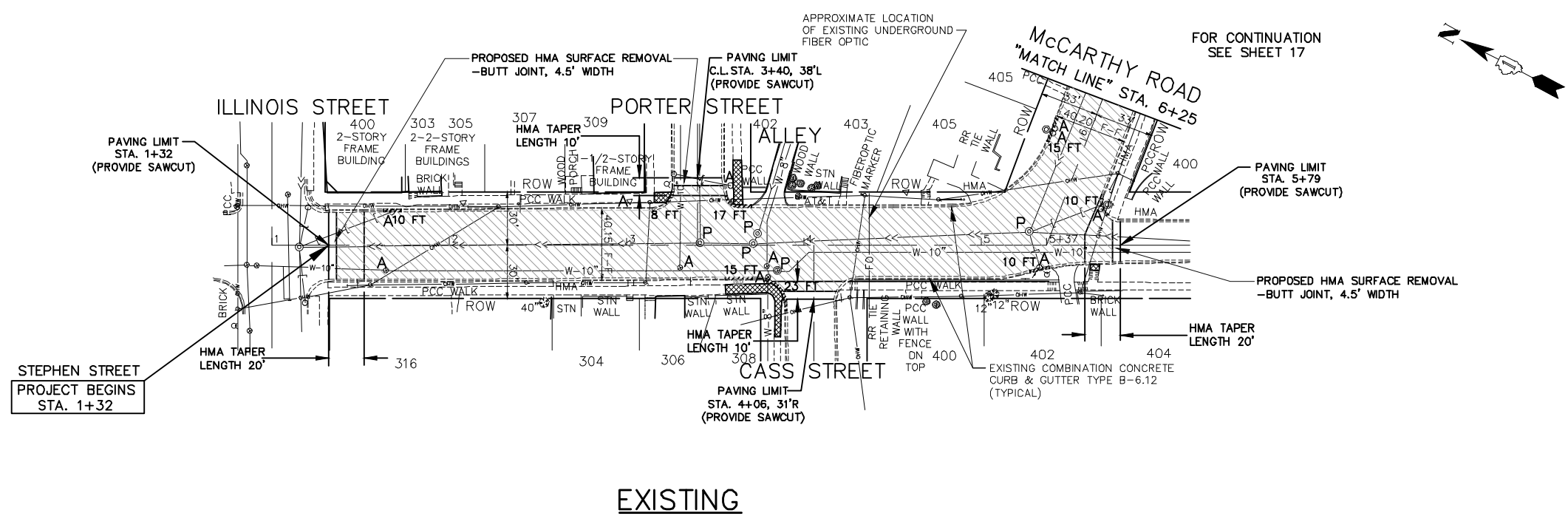
EARTHWORK COMPUTATIONS

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

NOVOTNY ENGINEERING
 Illinois Professional Design Firm No. 184-009728

545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: (630) 887-8640
 F: (630) 887-0132

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G86	
			7805 (279)	

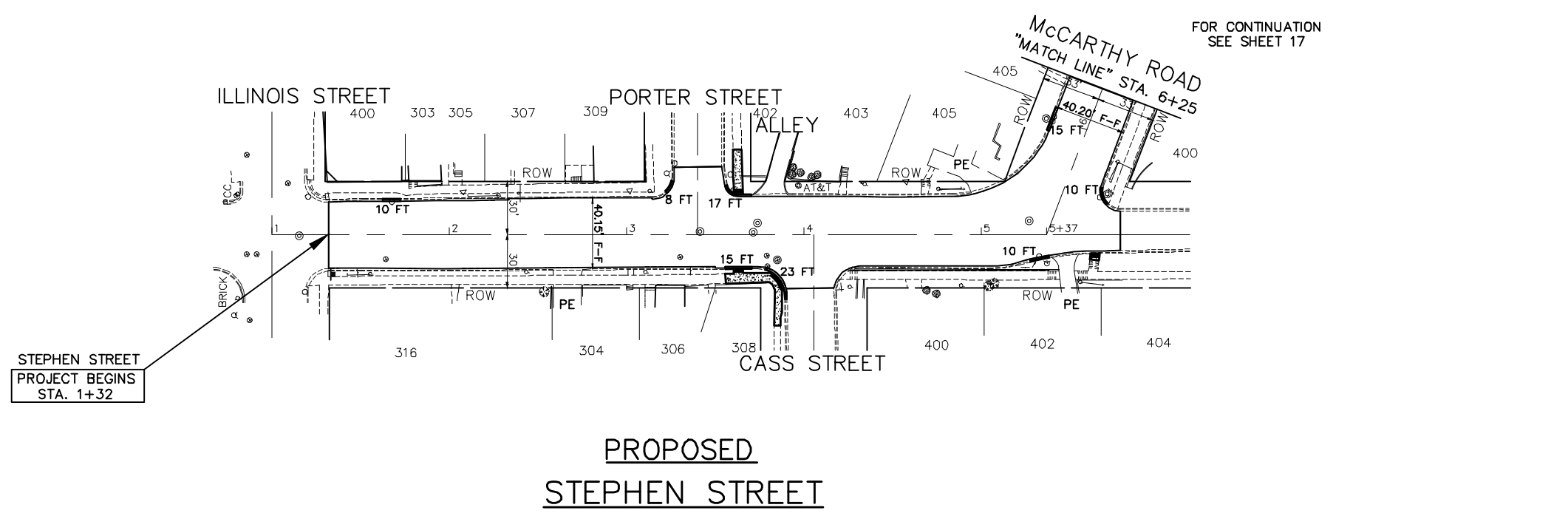


EXISTING

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

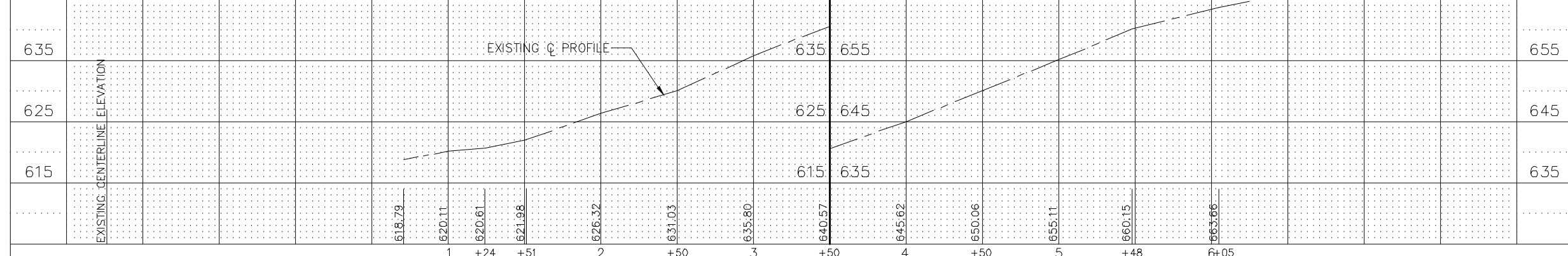


- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
 - DENOTES SIDEWALK REMOVAL
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - "A"** DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
 - "P"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)



**PROPOSED
STEPHEN STREET**

- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
 - "PE"** DENOTES PRIVATE ENTRANCE
 - "CE"** DENOTES COMMERCIAL ENTRANCE



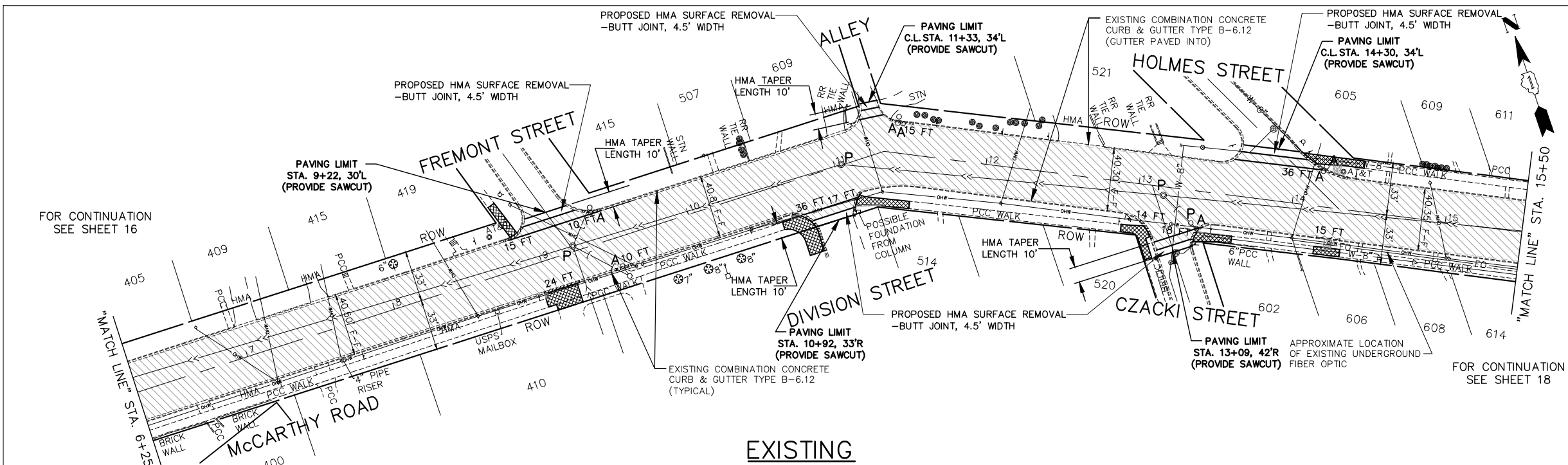
FOR ADA RAMP DETAILS SEE SHEETS 48-70
 FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 1+32 TO STA. 24+20 SEE SHEET 9
 FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 42

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) #19383 BICYCLE LANES	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
PLOT SCALE = H: 1" = 40'; V: 1" = 10'	DRAWN - JFP	CHECKED - THK	REVISED - 8-06-20 JLC
PLOT DATE =	DATE - 7-6-17		REVISED - 10-02-20 JLC
			REVISED - 10-26-20 JLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE:			
FAU 1587 (McCARTHY ROAD) /STEPHEN STREET-(BIKE LANES) FAU 1065 (ILLINOIS ST.) TO STA. 6+25 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN)			
SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. 1+33 TO STA. 6+25	

	Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132 Illinois Professional Design Firm No. 184-00928			
	F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			SHEET NO. 16	
			CONTRACT NO. 61G86	
			7805 (279)	

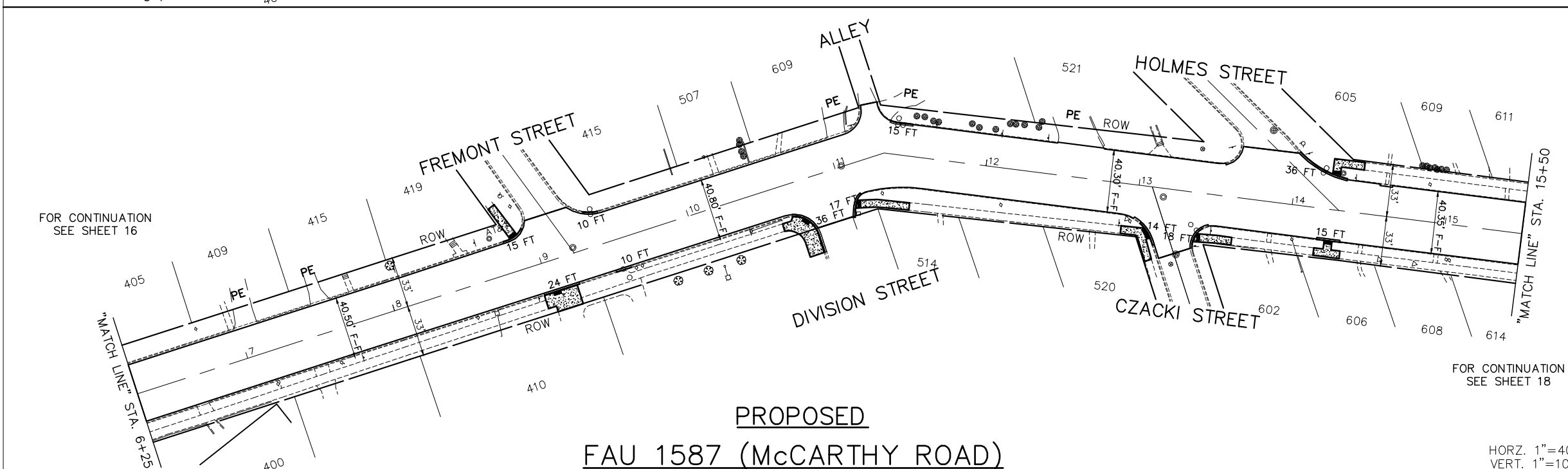


EXISTING

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

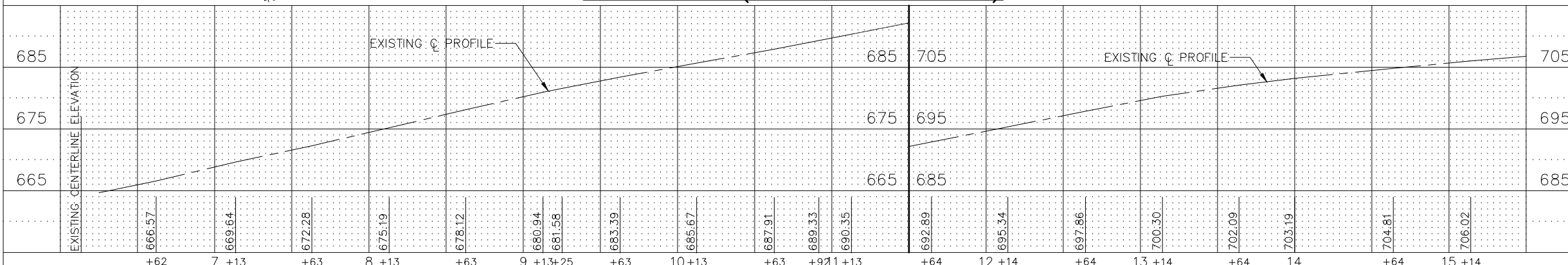
GRAPHIC SCALE
 0 40 80
 IN FEET

- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
 - DENOTES SIDEWALK REMOVAL
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - "A"** DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
 - "P"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)



PROPOSED
FAU 1587 (McCARTHY ROAD)

- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
 - "PE"** DENOTES PRIVATE ENTRANCE
 - "CE"** DENOTES COMMERCIAL ENTRANCE



FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BICYCLE LANES

USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
PLOT SCALE = H: 1"=40'; V: 1"=1'	DRAWN - JFP	REVISED - 8-06-20 JLC
PLOT DATE =	CHECKED - THK	REVISED - 10-02-20 JLC
	DATE - 7-6-17	REVISED - 10-26-20 JLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 6+25 TO STA. 15+50
 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN)
 SCALE: AS NOTED SHEET NO. OF SHEETS STA. 6+25 TO STA. 15+50

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK
 STA. 1+32 TO STA. 24+20
 SEE SHEET 9
 FOR THERMOPLASTIC PAVEMENT MARKING PLAN
 SEE SHEET 42

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	17

CONTRACT NO. 61G86
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

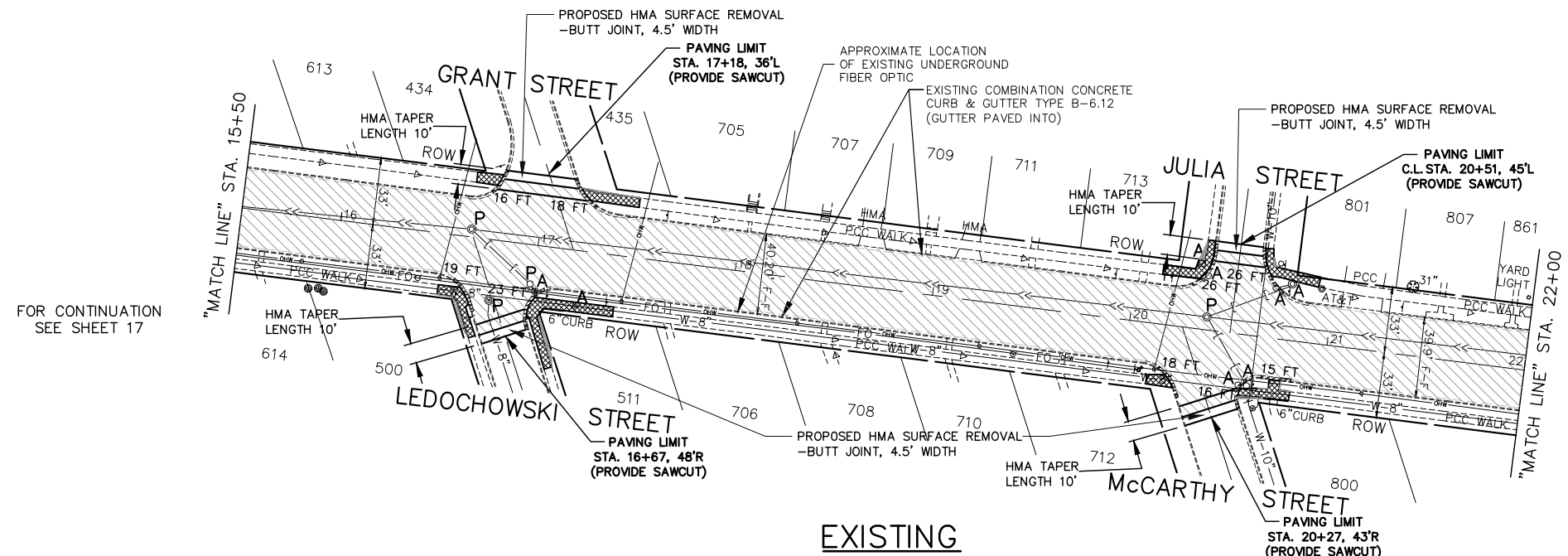


REMOVAL LEGEND

- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
- DENOTES SIDEWALK REMOVAL
- DENOTES DRIVEWAY PAVEMENT REMOVAL
- 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
- "A"** DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
- "P"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)

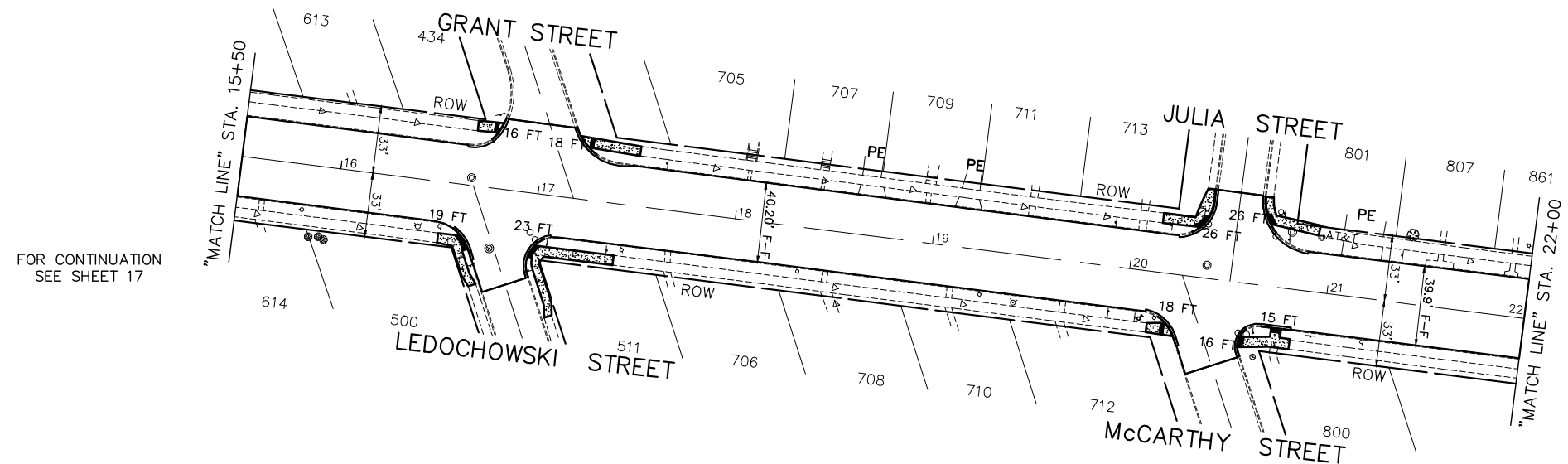
PROPOSED PAVEMENT LEGEND

- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
- DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
- DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
- 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
- DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
- "PE"** DENOTES PRIVATE ENTRANCE
- "CE"** DENOTES COMMERCIAL ENTRANCE



EXISTING

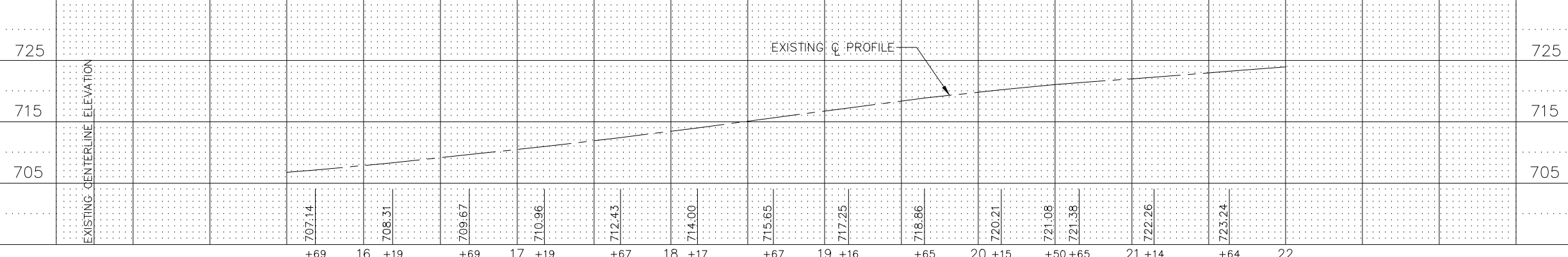
FOR CONTINUATION SEE SHEET 19



PROPOSED

FOR CONTINUATION SEE SHEET 19

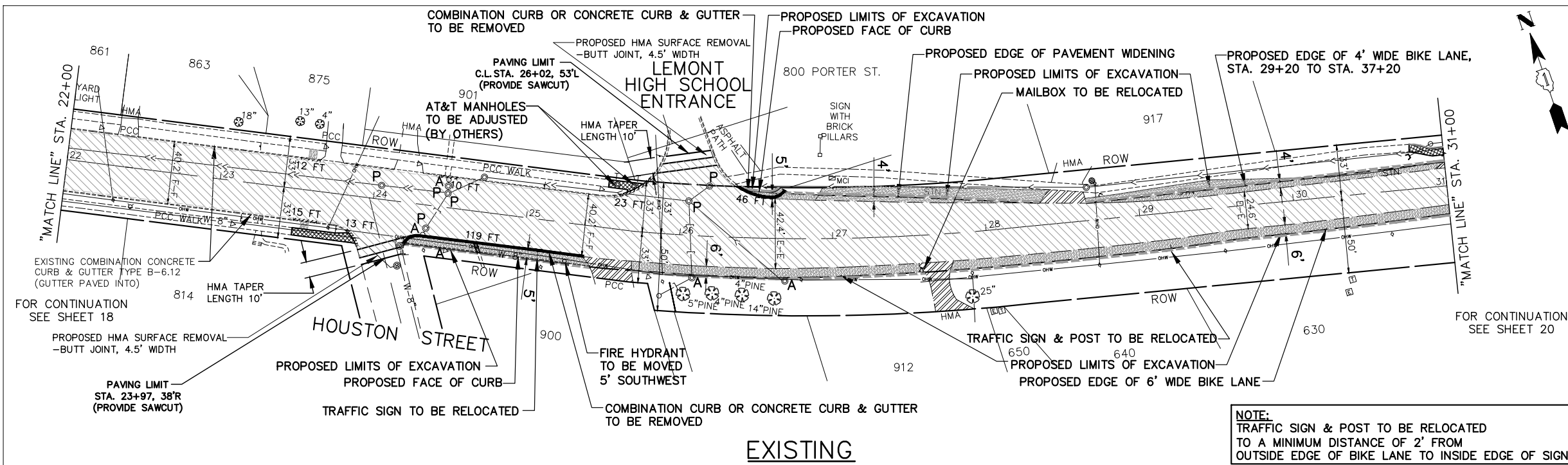
FAU 1587 (McCarthy Road)



FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 1+32 TO STA. 24+20 SEE SHEET 9
 FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 43

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

FILE NAME FAU 1587 (McCarthy Road) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) #19383	USER NAME = DESIGNED - JLC DRAWN - JFP CHECKED - THK DATE - 7-6-17	DESIGNED - JLC DRAWN - JFP CHECKED - THK DATE - 7-6-17	REVISED - 2-21-20 THK REVISED - 8-06-20 JLC REVISED - 10-02-20 JLC REVISED - 10-26-20 JLC	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (McCarthy Road) - (BIKE LANES) STA. 15+50 TO STA. 22+00 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN) SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.	F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO. 1587 14-00052-00-BT COOK 91 18 CONTRACT NO. 61G86 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)
---	--	---	--	---	---	--



EXISTING

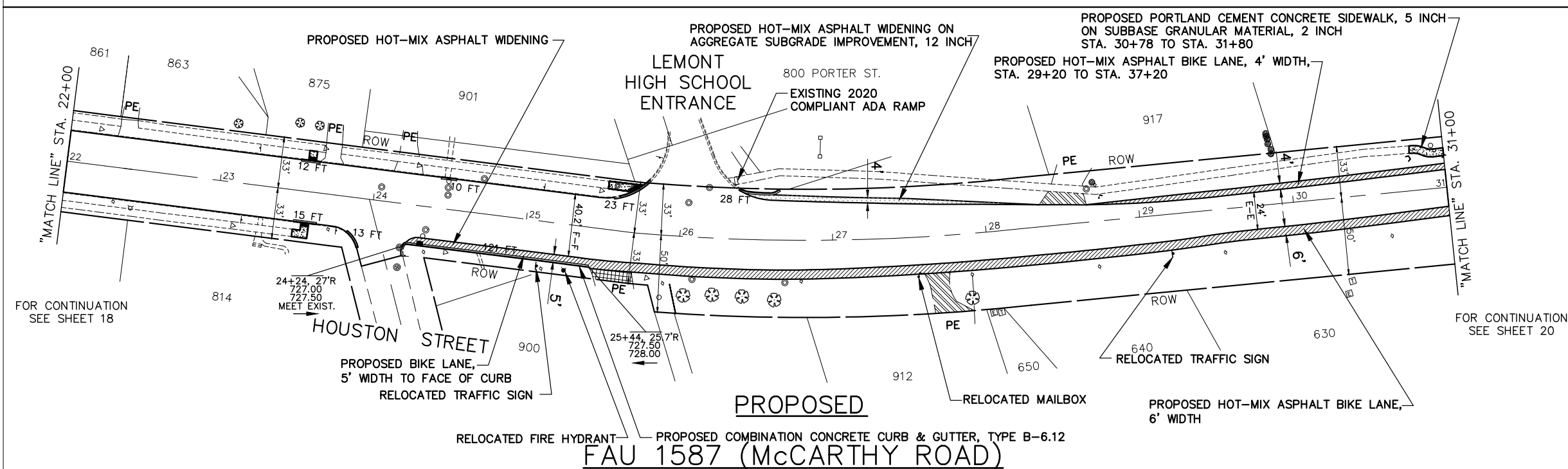
IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
 0 40 80
 IN FEET

REMOVAL LEGEND

- Denotes HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
- Denotes EARTH EXCAVATION
- Denotes EARTH EXCAVATION (8" WIDTH, ADJACENT TO PROPOSED BIKE LANES AND ROADWAY WIDENING) (12" WIDTH, BACK OF PROPOSED CURB)
- Denotes SIDEWALK REMOVAL
- Denotes DRIVEWAY PAVEMENT REMOVAL
- 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
- 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL
- "A" DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
- "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)

NOTE:
 TRAFFIC SIGN & POST TO BE RELOCATED TO A MINIMUM DISTANCE OF 2' FROM OUTSIDE EDGE OF BIKE LANE TO INSIDE EDGE OF SIGN



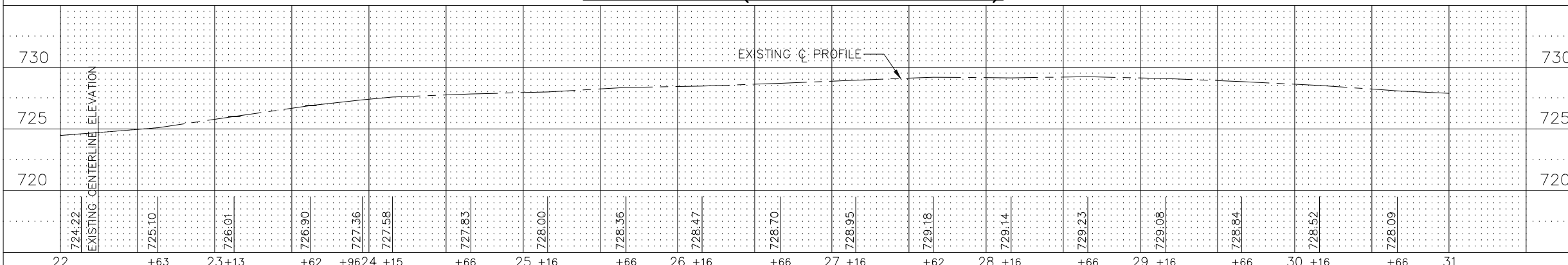
PROPOSED

FAU 1587 (McCarthy Road)

PROPOSED PAVEMENT LEGEND

- Denotes HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
- Denotes HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
- Denotes HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH
- Denotes PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
- Denotes HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
- Denotes PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
- 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS APPLICABLE)
- Denotes PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
- "PE" DENOTES PRIVATE ENTRANCE
- "CE" DENOTES COMMERCIAL ENTRANCE

NOTE:
 SEE CROSS SECTIONS ON SHEET 82 FOR LOCATIONS OF PROPOSED DITCHING



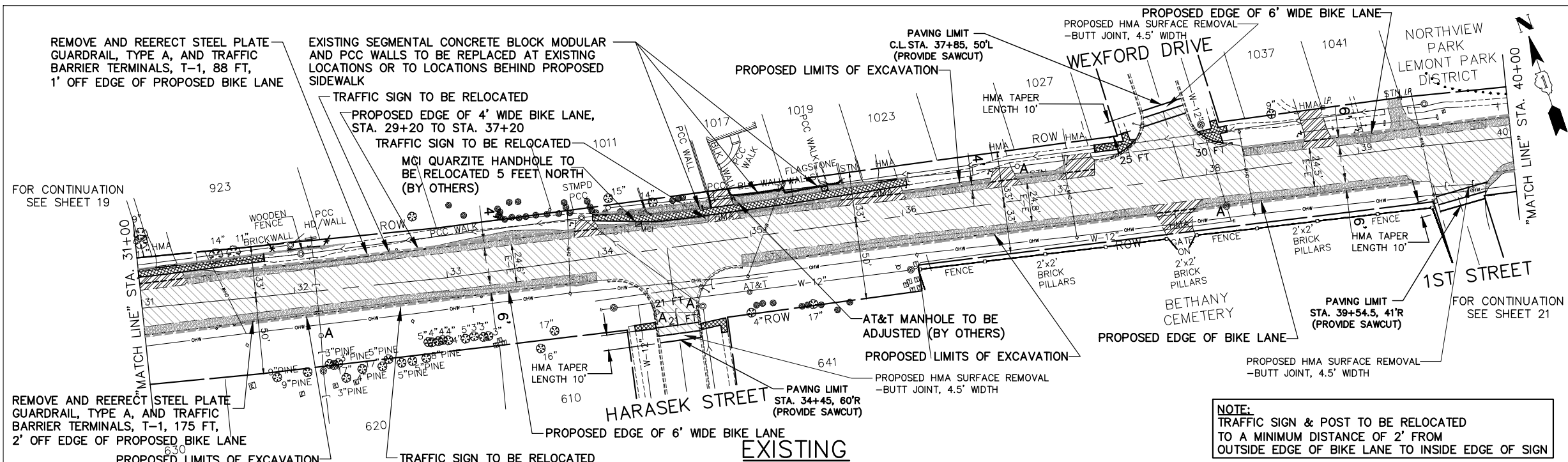
FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 1+32 TO STA. 24+20 SEE SHEET 9

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 24+20 TO STA. 78+43 SEE SHEET 10

FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 43

FILE NAME FAU 1587 (McCarthy Road) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-11-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (McCarthy Road) - (BIKE LANES) STA. 22+00 TO STA. 31+00 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN)	F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO. 1587 14-00052-00-BT COOK 91 19
#19383 BICYCLE LANES	PLOT SCALE = H: 1"=40'; V: 1"=1'	DRAWN - JFP	REVISED - 8-04-17		SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 61G86
	PLOT DATE =	CHECKED - THK	REVISED - 2-21-20 THK			ILLINOIS FED. AID PROJECT 7805 (279)
		DATE - 7-6-17	REVISED - 8-06-20 JLC 10-02-20 JLC 10-26-20 JLC			

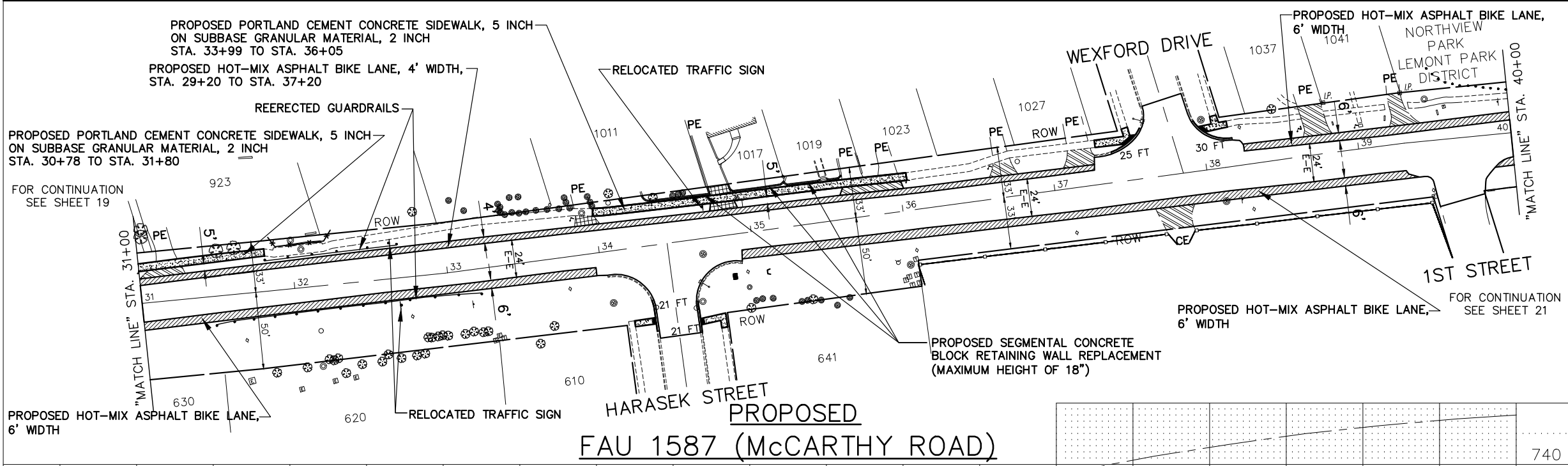




IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
 0 40 80
 IN FEET

- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
 - DENOTES EARTH EXCAVATION
 - DENOTES EARTH EXCAVATION (8" WIDTH, ADJACENT TO PROPOSED BIKE LANES AND ROADWAY WIDENING) (12" WIDTH, BACK OF PROPOSED CURB)
 - DENOTES SIDEWALK REMOVAL
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
 - "P"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS APPLICABLE)
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
 - "PE"** DENOTES PRIVATE ENTRANCE
 - "CE"** DENOTES COMMERCIAL ENTRANCE

FAU 1587 (McCarthy Road)

EXISTING CENTERLINE ELEVATION	720	725	730	735	740															
EXISTING C PROFILE	727.78	727.52	727.33	727.73	728.47	729.13	730.26	731.08	731.61	733.14	734.81	736.59	738.15	739.49	740.66	741.64	742.51	743.16	743.71	
	31+16	+62	32+18	+68	33+19	+66	34+16	+47	+66	35+16	+65	36+14	+64	37+14	+64	38+13	+63	39+11	+62	40

NOTE:
 SEE CROSS SECTIONS ON SHEETS 82 TO 85 FOR LOCATIONS OF PROPOSED DITCHING

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 24+20 TO STA. 78+43 SEE SHEET 10
 FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 44

FILE NAME FAU 1587 (McCarthy Road) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-11-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (McCarthy Road) - (BIKE LANES) STA. 31+00 TO STA. 40+00 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#19383 BICYCLE LANES	PLOT SCALE = H: 1"=40'; V: 1"=1'	DRAWN - JFP	REVISED - 8-04-17			1587	14-00052-00-BT	COOK	91	20	
	PLOT DATE =	CHECKED - THK	REVISED - 2-21-20 THK			CONTRACT NO. 61G86					
		DATE - 7-6-17	REVISED - 8-06-20 JLC			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)					

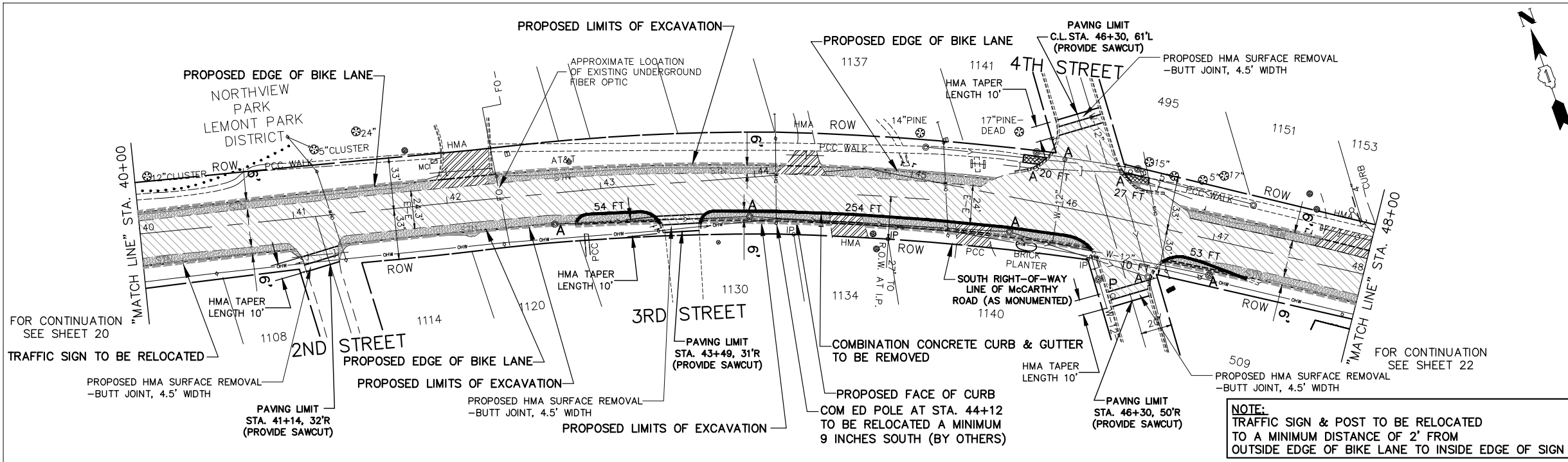
NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



REMOVAL LEGEND

- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
- DENOTES EARTH EXCAVATION (8" WIDTH, ADJACENT TO PROPOSED BIKE LANES AND ROADWAY WIDENING) (12" WIDTH, BACK OF PROPOSED CURB)
- DENOTES SIDEWALK REMOVAL
- DENOTES DRIVEWAY PAVEMENT REMOVAL
- 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
- 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL
- "A" DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
- "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)

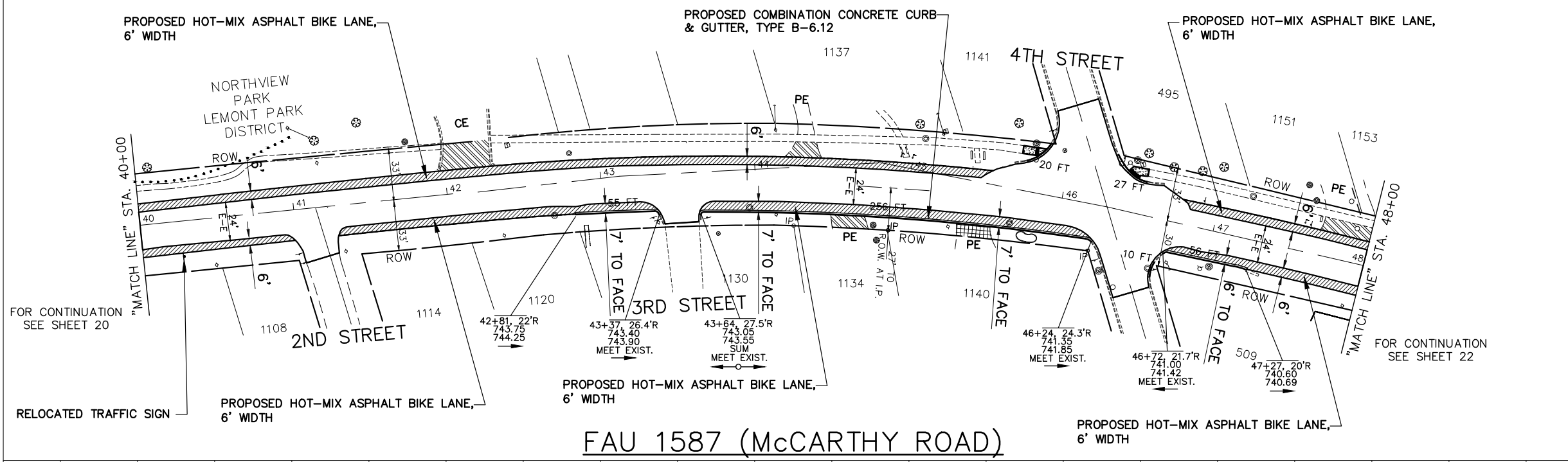


NOTE:
 TRAFFIC SIGN & POST TO BE RELOCATED TO A MINIMUM DISTANCE OF 2' FROM OUTSIDE EDGE OF BIKE LANE TO INSIDE EDGE OF SIGN

PROPOSED PAVEMENT LEGEND

- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH
- DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
- DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
- 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS APPLICABLE)
- DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
- "PE" DENOTES PRIVATE ENTRANCE
- "CE" DENOTES COMMERCIAL ENTRANCE

NOTE:
 SEE CROSS SECTIONS ON SHEET 85 FOR LOCATIONS OF PROPOSED DITCHING



FAU 1587 (MCCARTHY ROAD)

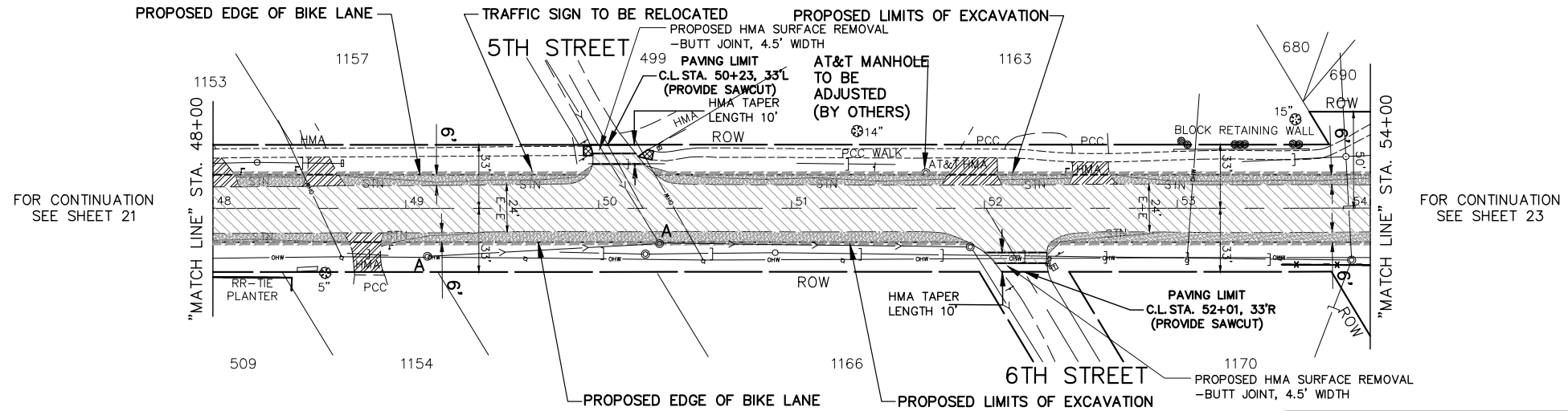
745	EXISTING C PROFILE																745
740																	740
735																	735
EXISTING CENTERLINE ELEVATION	744.14	744.42	744.55	744.56	744.49	744.29	744.04	743.70	743.39	743.05	742.79	742.56	742.33	742.02	741.72	741.41	
	40+15	+66	41+15	+67	42+14	+64	43+14	+65	44+11	+64	45+14	+64	46+13	+62	47+12	+60	48

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 24+20 TO STA. 78+43 SEE SHEET 10
 FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 44

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

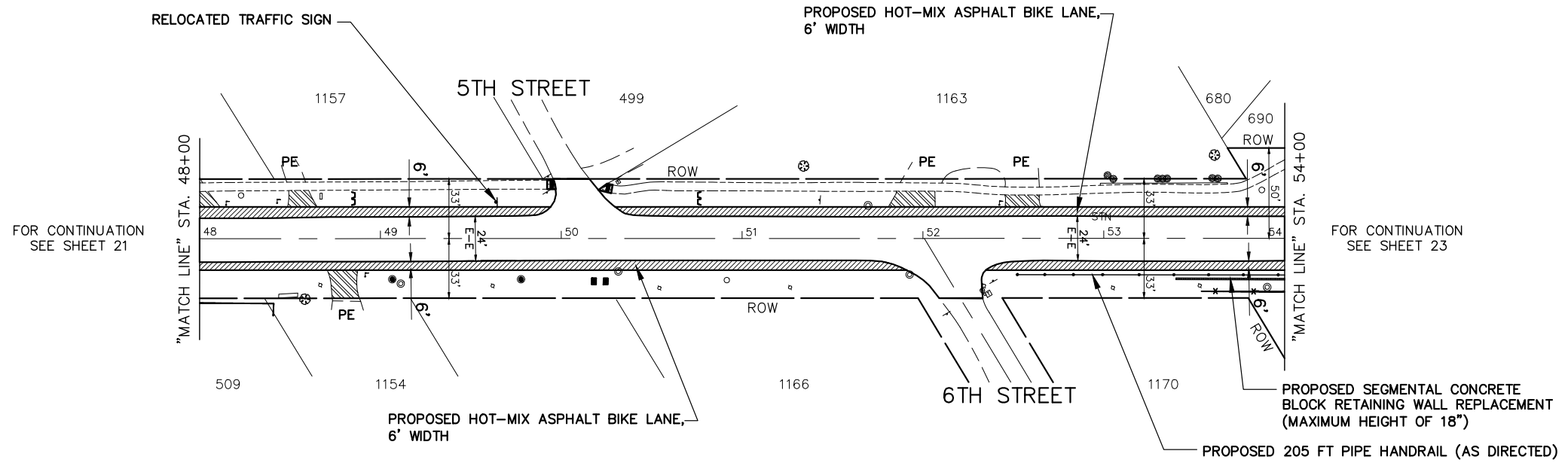
FILE NAME FAU 1587 (MCCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-11-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (MCCARTHY ROAD) - (BIKE LANES) STA. 40+00 TO STA. 48+00 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN)	F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 21
#19383 BICYCLE LANES	PLOT SCALE = H: 1"=40'; V: 1"=1'	DRAWN - JFP	REVISED - 2-21-20 THK		SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 61G86		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)
	PLOT DATE =	CHECKED - THK	REVISED - 8-06-20 JLC							
		DATE - 7-6-17	REVISED - 10-02-20 JLC							
			10-26-20 JLC							

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



NOTE:
 TRAFFIC SIGN & POST TO BE RELOCATED TO A MINIMUM DISTANCE OF 2' FROM OUTSIDE EDGE OF BIKE LANE TO INSIDE EDGE OF SIGN

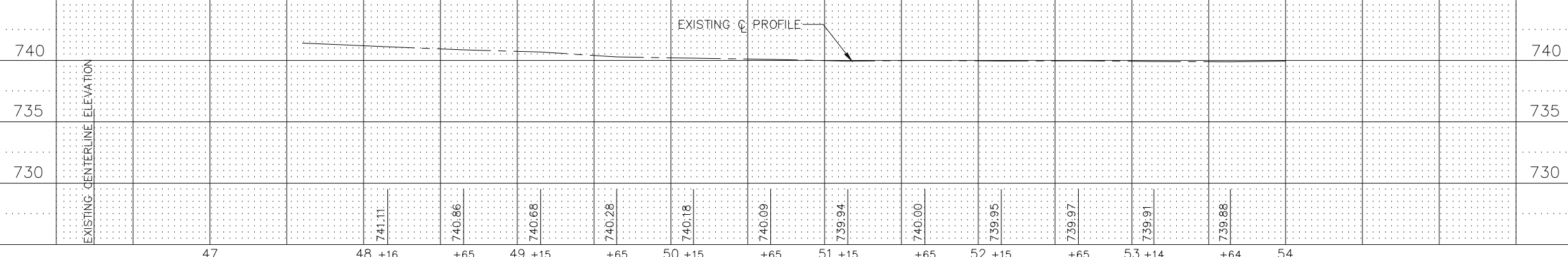
- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
 - DENOTES EARTH EXCAVATION (8" WIDTH, ADJACENT TO PROPOSED BIKE LANES AND ROADWAY WIDENING) (12" WIDTH, BACK OF PROPOSED CURB)
 - DENOTES SIDEWALK REMOVAL
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
 - "P"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS APPLICABLE)
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
 - "PE"** DENOTES PRIVATE ENTRANCE
 - "CE"** DENOTES COMMERCIAL ENTRANCE

NOTE:
 SEE CROSS SECTIONS ON SHEETS 85 TO 86 FOR LOCATIONS OF PROPOSED DITCHING

FAU 1587 (McCARTHY ROAD)



FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 24+20 TO STA. 78+43 SEE SHEET 10
 FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 45

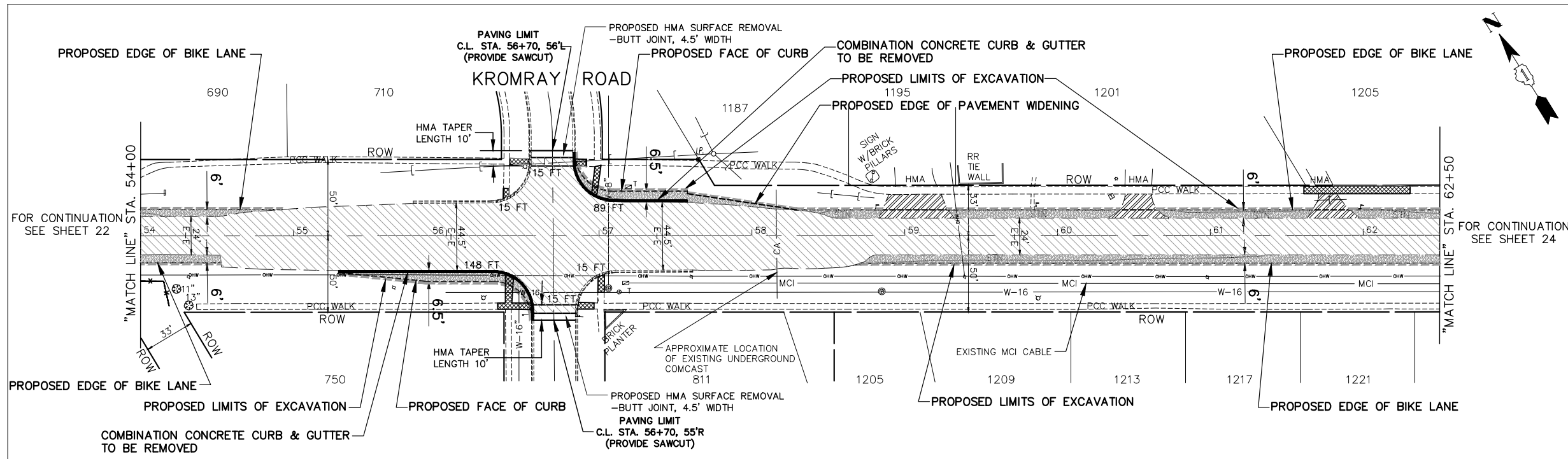


FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) #19383 BICYCLE LANES	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
		DRAWN - JFP	REVISED - 8-06-20 JLC
	PLOT SCALE = H: 1"=40'; V: 1"=1'	CHECKED - THK	REVISED - 10-02-20 JLC
	PLOT DATE =	DATE - 7-6-17	REVISED - 10-26-20 JLC

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE:			
FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 48+00 TO STA. 54+00 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN)			
SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.	

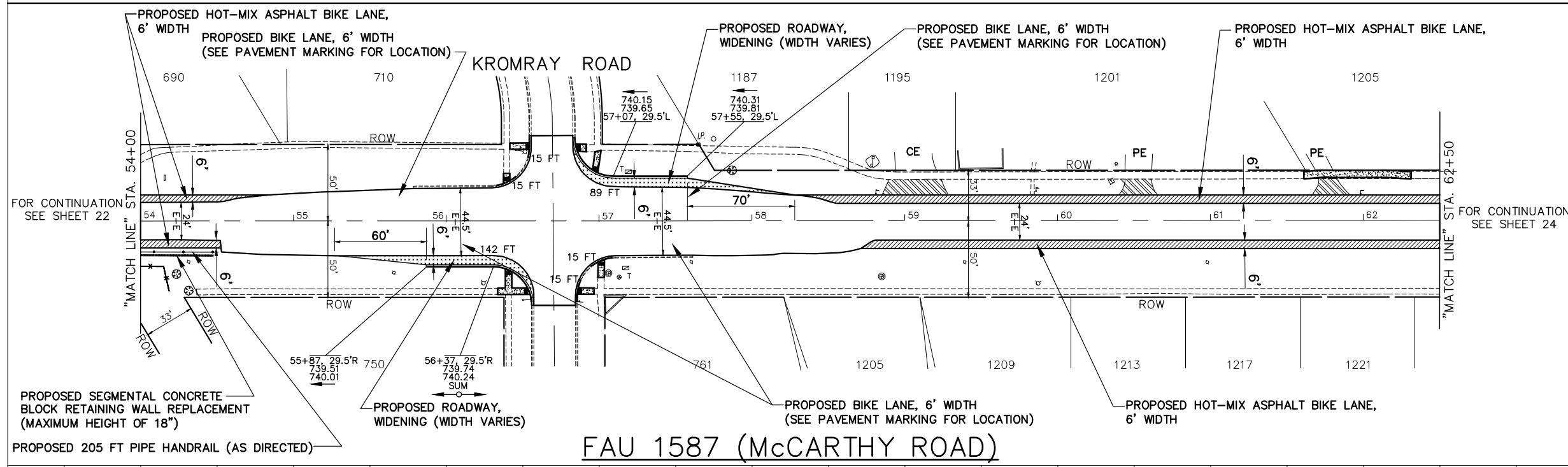
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	22
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	7805 (279)



IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
0 IN FEET
40 0 40 80

- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2" INCH
 - DENOTES EARTH EXCAVATION
 - DENOTES EARTH EXCAVATION (8" WIDTH, ADJACENT TO PROPOSED BIKE LANES AND ROADWAY WIDENING) (12" WIDTH, BACK OF PROPOSED CURB)
 - DENOTES SIDEWALK REMOVAL
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
 - "P"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS APPLICABLE)
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
 - "PE"** DENOTES PRIVATE ENTRANCE
 - "CE"** DENOTES COMMERCIAL ENTRANCE

NOTE:
SEE CROSS SECTIONS ON SHEETS 86 TO 87 FOR LOCATIONS OF PROPOSED DITCHING

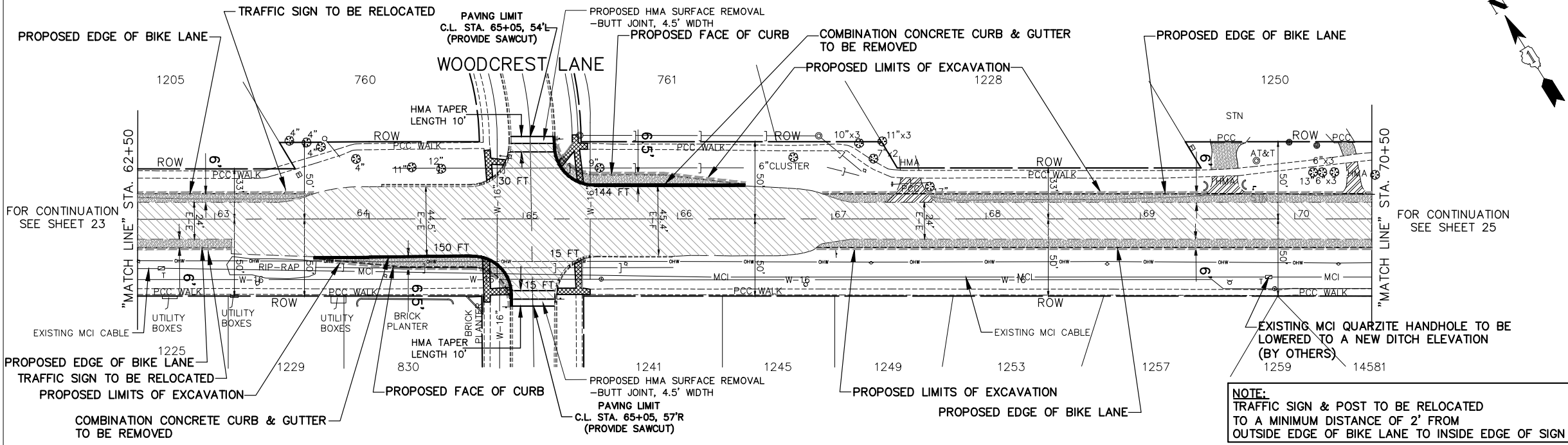
EXISTING CENTERLINE ELEVATION	54+14	+64	55+14	+64	56+14	+70	57+15	+64	58+14	+65	59+14	+65	60+14	+64	61+14	+64	62+14
740	739.98	739.88	740.16	740.12	740.17	740.16	740.18	740.23	740.21	740.26	740.26	740.34	740.25	740.16	740.07	739.89	739.76

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 24+20 TO STA. 78+43 SEE SHEET 10

FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 45

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) #19383 BICYCLE LANES	USER NAME = DESIGNED - JLC DRAWN - JFP CHECKED - THK DATE - 7-6-17	REVISED - 7-11-17 REVISED - 2-21-20 THK REVISED - 8-06-20 JLC REVISED - 10-02-20 JLC REVISED - 10-26-20 JLC	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 54+00 TO STA. 62+50 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN) SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.	F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 1587 14-00052-00-BT COOK 91 23 CONTRACT NO. 61G86 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)
---	--	---	---	---	---

NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-00928

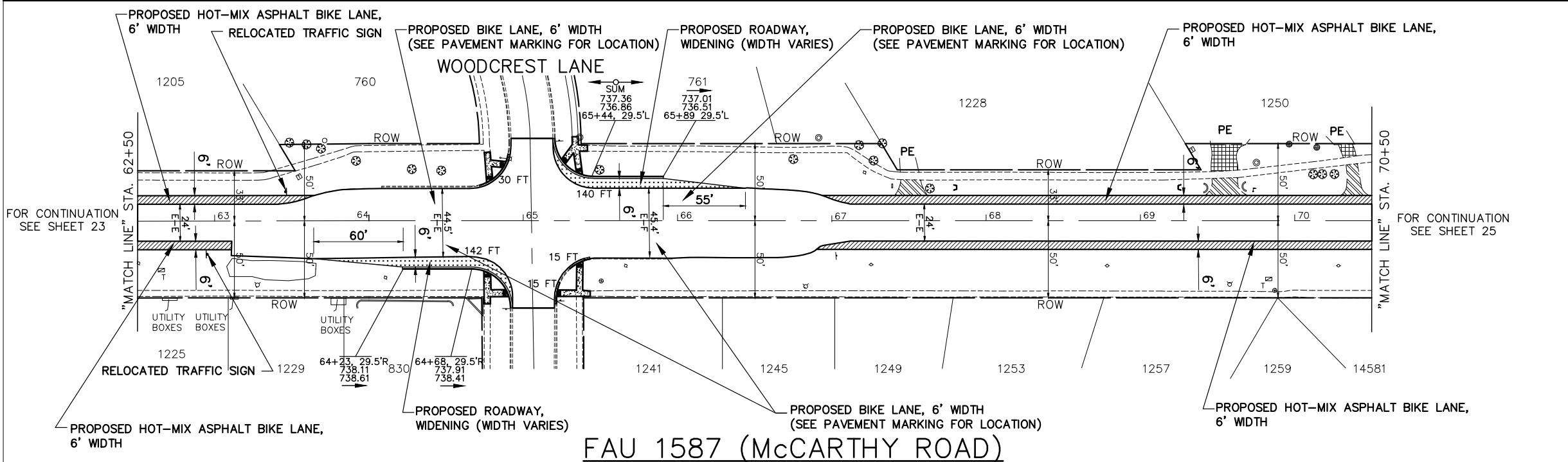


IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
0 40 80
IN FEET

- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
 - DENOTES EARTH EXCAVATION
 - DENOTES EARTH EXCAVATION (8" WIDTH, ADJACENT TO PROPOSED BIKE LANES AND ROADWAY WIDENING) (12" WIDTH, BACK OF PROPOSED CURB)
 - DENOTES SIDEWALK REMOVAL
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
 - "P"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS APPLICABLE)
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
 - "PE"** DENOTES PRIVATE ENTRANCE
 - "CE"** DENOTES COMMERCIAL ENTRANCE

EXISTING CENTERLINE ELEVATION		EXISTING C. PROFILE														EXISTING CENTERLINE ELEVATION																		
STA.	ELEVATION	63	63+13	64	64+14	64	65+10	65	66+14	65	67+14	64	68+13	63	69+12	63	70+14	STA.	ELEVATION															
740		739.62		739.33		738.99		738.63		738.29		737.89		737.37		736.91		736.32		735.86		735.37		734.85		734.29		733.72		733.18		732.68	740	
735																																735		
730																																730		

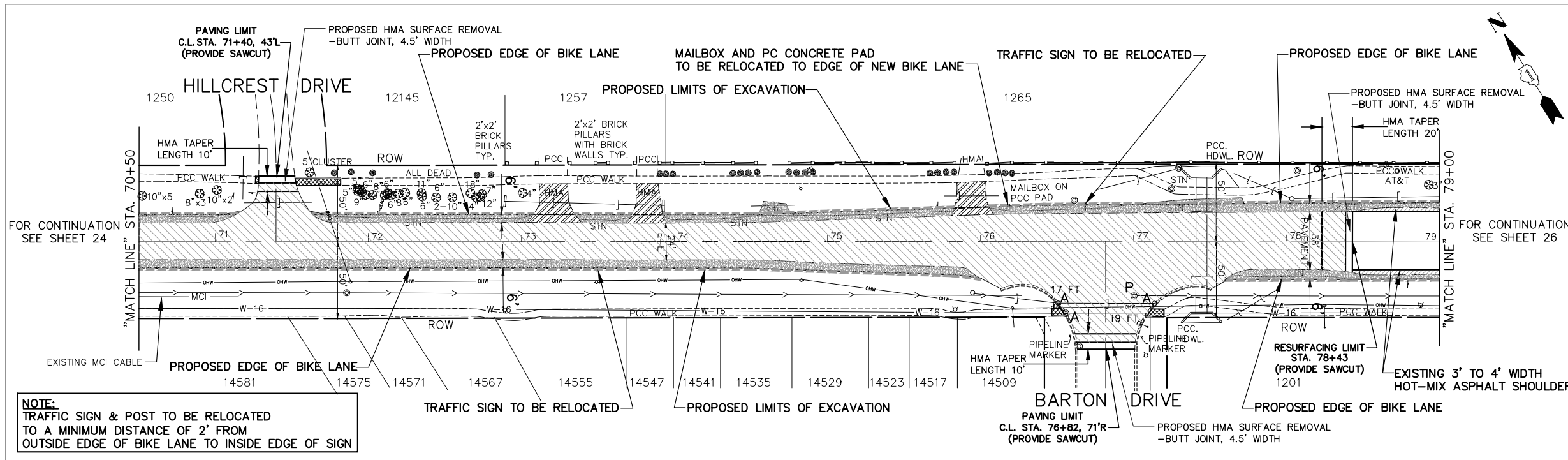
NOTE:
SEE CROSS SECTIONS ON SHEETS 88 TO 89 FOR LOCATIONS OF PROPOSED DITCHING

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 24+20 TO STA. 78+43 SEE SHEET 10

FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 46

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-11-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 62+50 TO STA. 70+50 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN)	F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO. 1587 14-00052-00-BT COOK 91 24
#19383 BICYCLE LANES	PLOT SCALE = H: 1" = 40'; V: 1" = 1'	DRAWN - JFP	REVISED - 2-21-20 THK		SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 61G86
	PLOT DATE =	CHECKED - THK	REVISED - 8-06-20 JLC			ILLINOIS FED. AID PROJECT 7805 (279)
		DATE - 7-6-17	REVISED - 10-02-20 JLC 10-26-20 JLC			

NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-00928

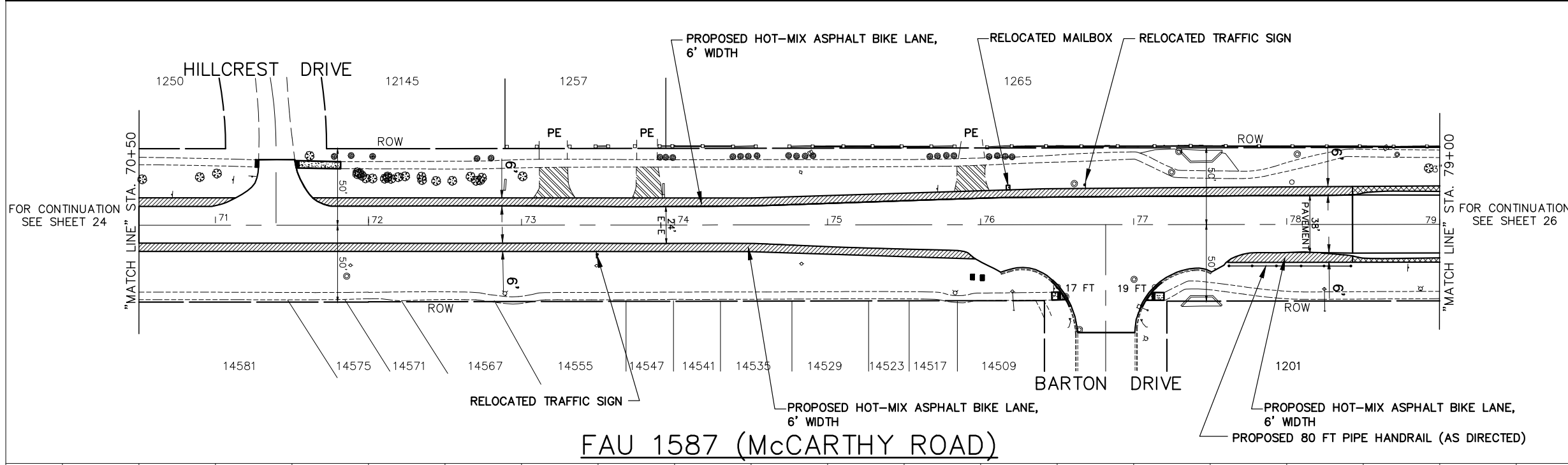


IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
 0 40 80
 IN FEET

- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2" INCH
 - DENOTES EARTH EXCAVATION
 - DENOTES EARTH EXCAVATION (8" WIDTH, ADJACENT TO PROPOSED BIKE LANES AND ROADWAY WIDENING) (12" WIDTH, BACK OF PROPOSED CURB)
 - DENOTES SIDEWALK REMOVAL
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A"** DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
 - "P"** DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)

NOTE:
 TRAFFIC SIGN & POST TO BE RELOCATED TO A MINIMUM DISTANCE OF 2' FROM OUTSIDE EDGE OF BIKE LANE TO INSIDE EDGE OF SIGN



- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6-3/4 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH (STA. 78+43 TO STA. 84+64) AND GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED BINDER, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS APPLICABLE)
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
 - "PE"** DENOTES PRIVATE ENTRANCE
 - "CE"** DENOTES COMMERCIAL ENTRANCE

NOTE:
 SEE CROSS SECTIONS ON SHEETS 89 TO 91 FOR LOCATIONS OF PROPOSED DITCHING

EXISTING CENTERLINE ELEVATION	70+50	71+00	71+50	72+00	72+50	73+00	73+50	74+00	74+50	75+00	75+50	76+00	76+50	77+00	77+50	78+00	78+50	79+00	
EXISTING C PROFILE	732.08	731.53	731.28	731.04	730.57	730.03	729.58	729.05	728.57	728.16	727.85	727.63	727.41	727.20	727.26	727.13	727.08	727.35	727.70

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 24+20 TO STA. 78+43 SEE SHEET 10

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 78+43 TO STA. 84+64 SEE SHEET 11

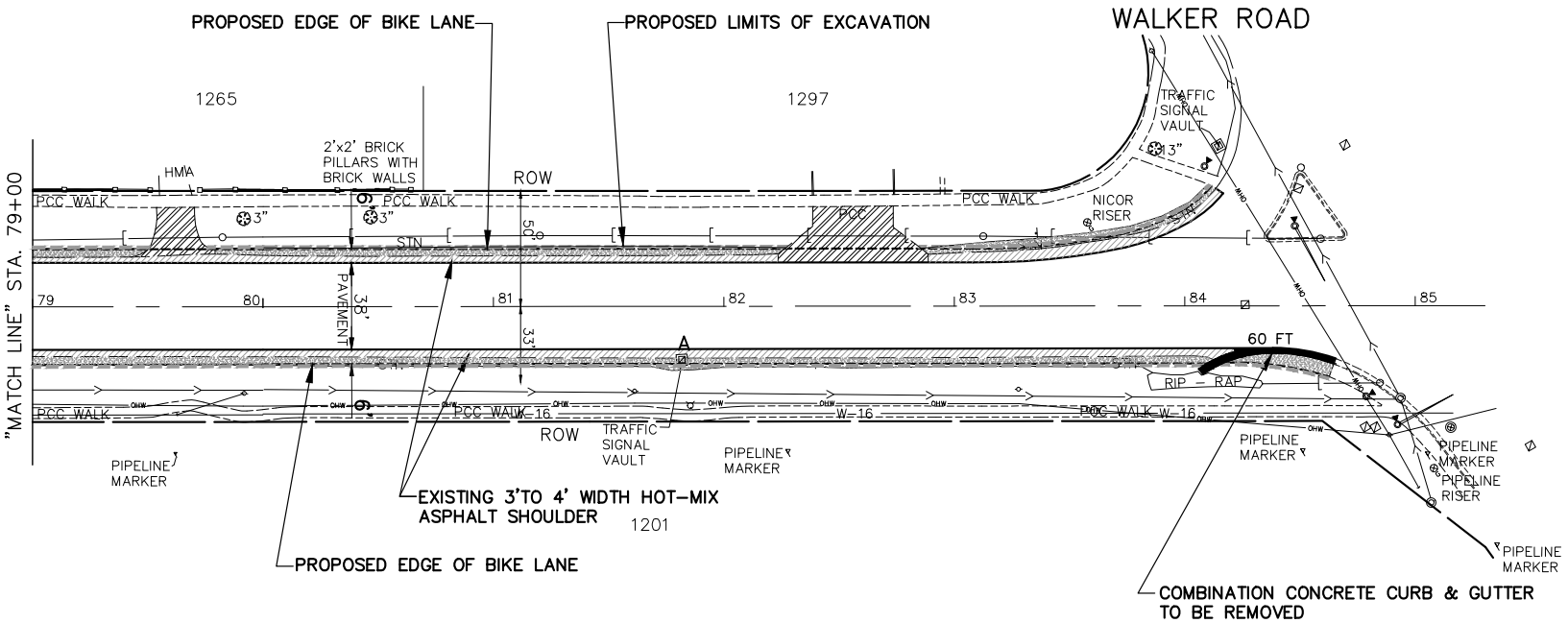
FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 46

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME = PLOT SCALE = H: 1"=40'; V: 1"=1' PLOT DATE =	DESIGNED - JLC DRAWN - JFP CHECKED - THK DATE - 7-6-17	REVISED - 2-21-20 THK REVISED - 8-06-20 JLC REVISED - 10-02-20 JLC REVISED - 10-26-20 JLC	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 70+50 TO STA. 79+00 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN) SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.	NOVOTNY ENGINEERING Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132 Illinois Professional Design Firm No. 184-000928	F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO. 1587 14-00052-00-BT COOK 91 25 CONTRACT NO. 61G86 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)
--	--	---	--	---	---	---	---

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

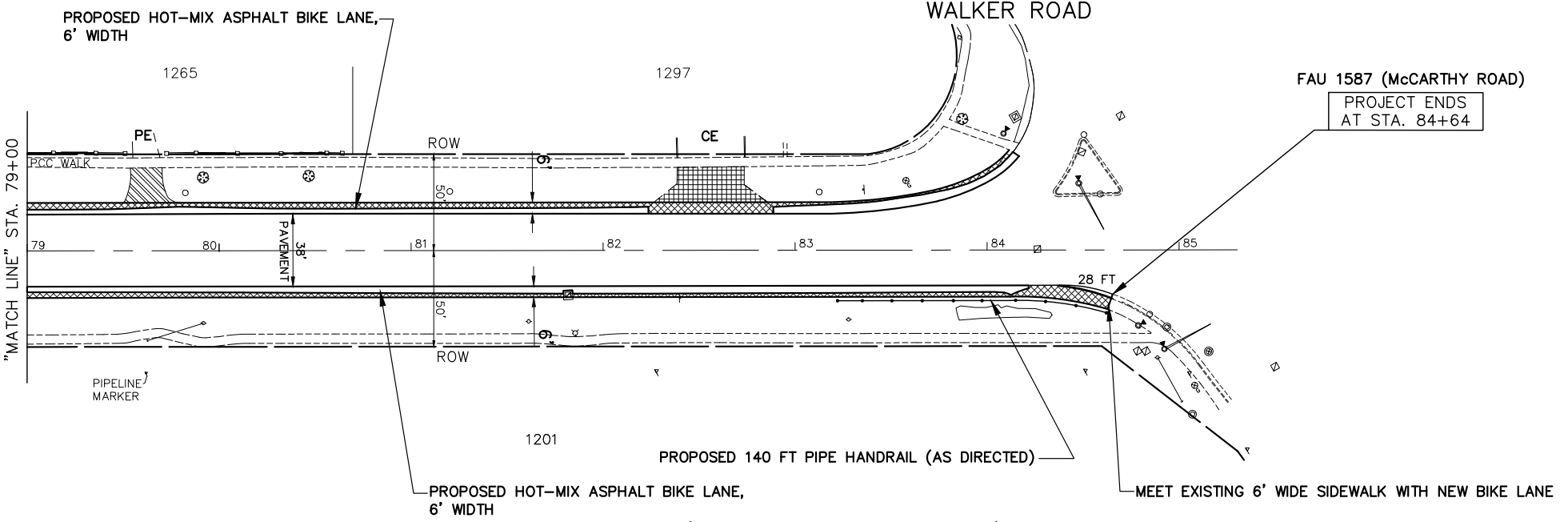


- REMOVAL LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4" INCH
 - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2" INCH
 - DENOTES EARTH EXCAVATION
 - DENOTES EARTH EXCAVATION (8" WIDTH, ADJACENT TO PROPOSED BIKE LANES AND ROADWAY WIDENING) (12" WIDTH, BACK OF PROPOSED CURB)
 - DENOTES SIDEWALK REMOVAL
 - DENOTES DRIVEWAY PAVEMENT REMOVAL
 - 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
 - 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL
 - "A" DENOTES EXISTING MANHOLES, VALVE VAULTS, CATCH BASINS, VALVE BOXES, HANDHOLES, FRAMES AND GRATES, OR DOMESTIC WATER SERVICES BOXES TO BE ADJUSTED
 - "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED (IN PAVEMENT)



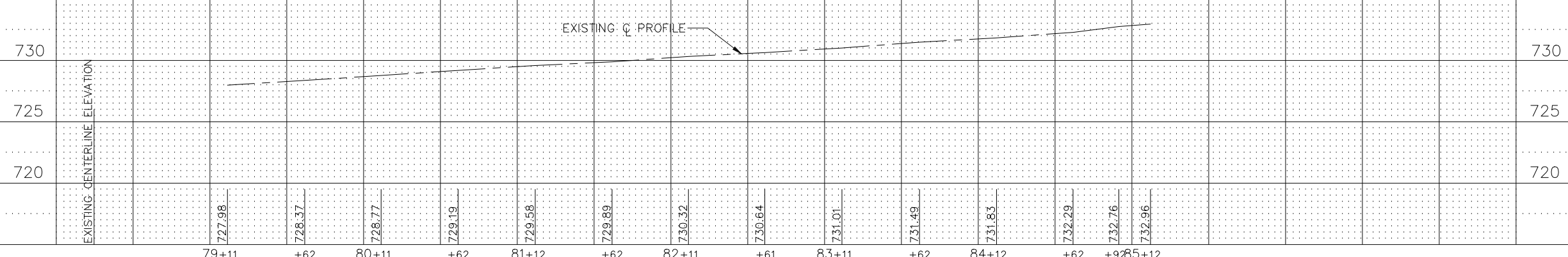
FOR CONTINUATION SEE SHEET 25

- PROPOSED PAVEMENT LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6-3/4 INCH AND SUBBASE GRANULAR MATERIAL, TYPE B, 4 INCH (STA. 78+43 TO STA. 84+64) AND GRANULAR MATERIAL, TYPE B, 4 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2 INCH AND POLYMERIZED BINDER, IL-4.75, N50, 3/4 INCH AND HOT-MIX ASPHALT BASE COURSE WIDENING, 6 INCH AND AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH
 - DENOTES PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7" ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - DENOTES HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 4 INCH IN TWO LIFTS
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH ON SUBBASE GRANULAR MATERIAL, TYPE B, 2 INCH
 - 8 FT DENOTES COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AS APPLICABLE)
 - DENOTES PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH WITH DETECTABLE WARNINGS PER I.D.O.T. STANDARDS FOR ADA RAMPS (WHERE APPLICABLE) SEE PLAN SHEETS-AND CONSTRUCTION HIGHWAY STANDARDS
 - "PE" DENOTES PRIVATE ENTRANCE
 - "CE" DENOTES COMMERCIAL ENTRANCE



FOR CONTINUATION SEE SHEET 25

NOTE:
 SEE CROSS SECTIONS ON SHEET 91 FOR LOCATIONS OF PROPOSED DITCHING



FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 78+43 TO STA. 84+64 SEE SHEET 11
 FOR THERMOPLASTIC PAVEMENT MARKING PLAN SEE SHEET 47

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

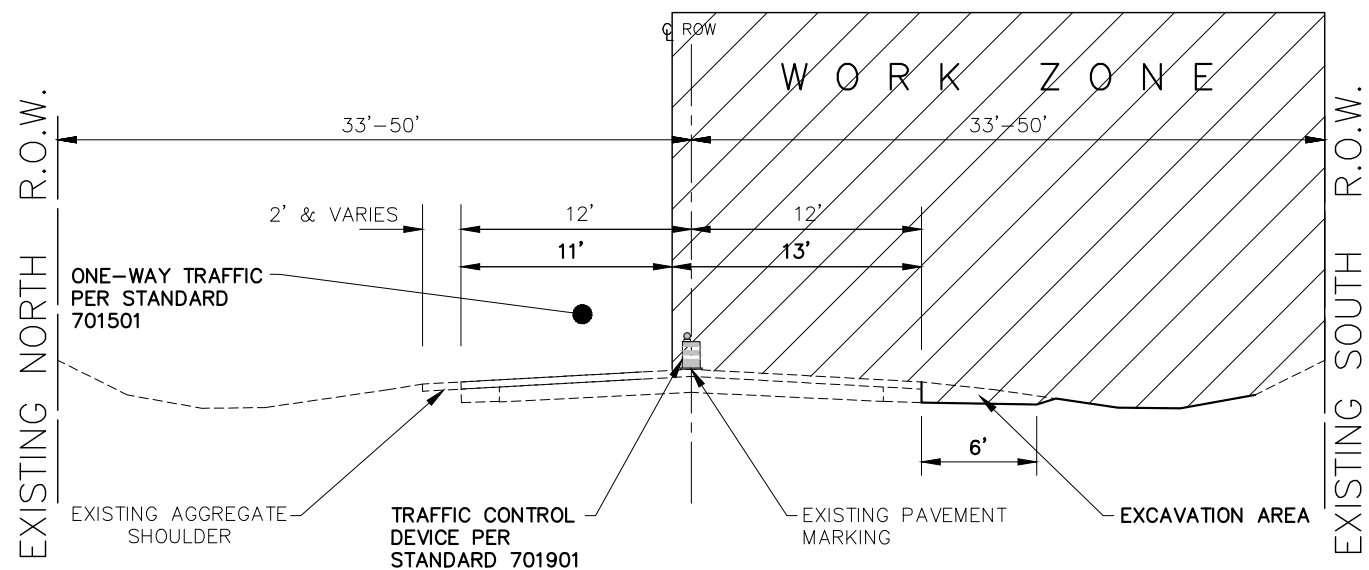
FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BICYCLE LANES

USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
PLOT SCALE = H: 1"=40'; V: 1"=1'	DRAWN - JFP	REVISED - 8-06-20 JLC
PLOT DATE =	CHECKED - THK	REVISED - 10-02-20 JLC
	DATE - 7-6-17	REVISED - 10-26-20 JLC

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 79+00 TO CH500JSW (WALKER ROAD)
 (EXISTING AND PROPOSED ROADWAY BIKE AND SHARED-LANE PLAN)
 SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

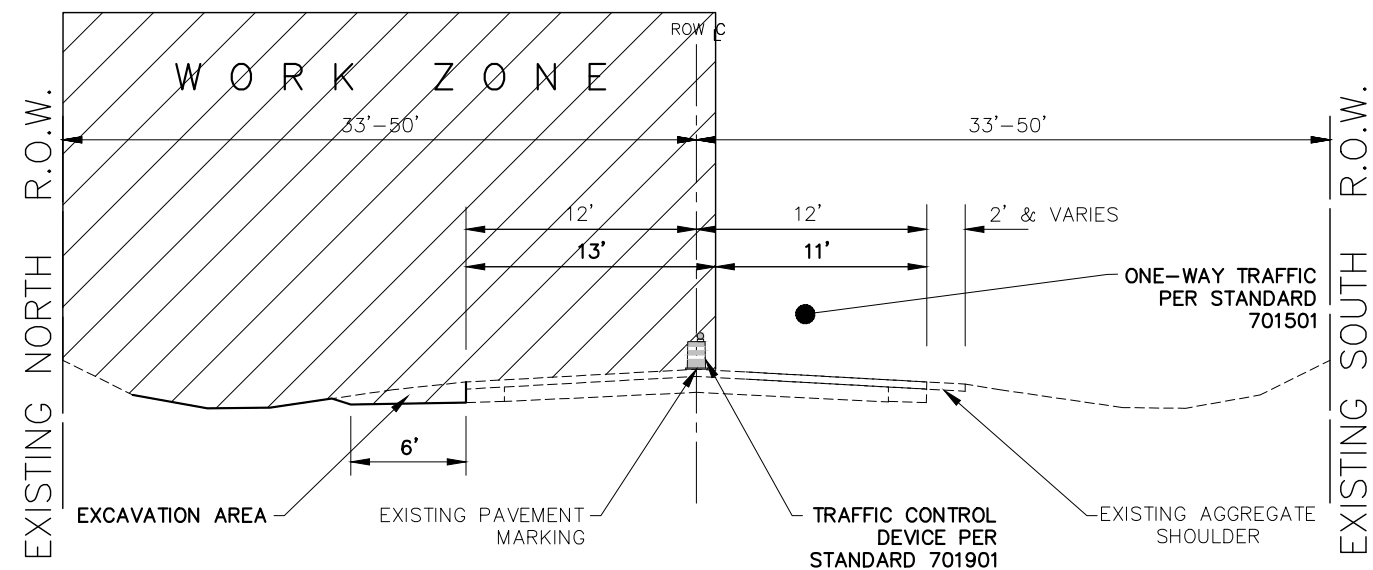
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	26
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	7805 (279)
CONTRACT NO. 61G86				



- 1.) ONE-WAY TRAFFIC WILL BE MAINTAINED DURING THE DAY UTILIZING A ELEVEN FOOT LANE WIDTH AND I.D.O.T. STANDARD 701501.
- 2.) THE CONTRACTOR SHALL BE ABLE TO UTILIZE THE REMAINING PAVEMENT TO THE SOUTH FOR HIS WORK.

NOTE:
NO SHORT-TERM PAVEMENT MARKING IS PROPOSED FOR STAGE 1 - EXISTING PAVEMENT CENTERLINE WILL BE USED FOR DAY AND NIGHT TRAFFIC

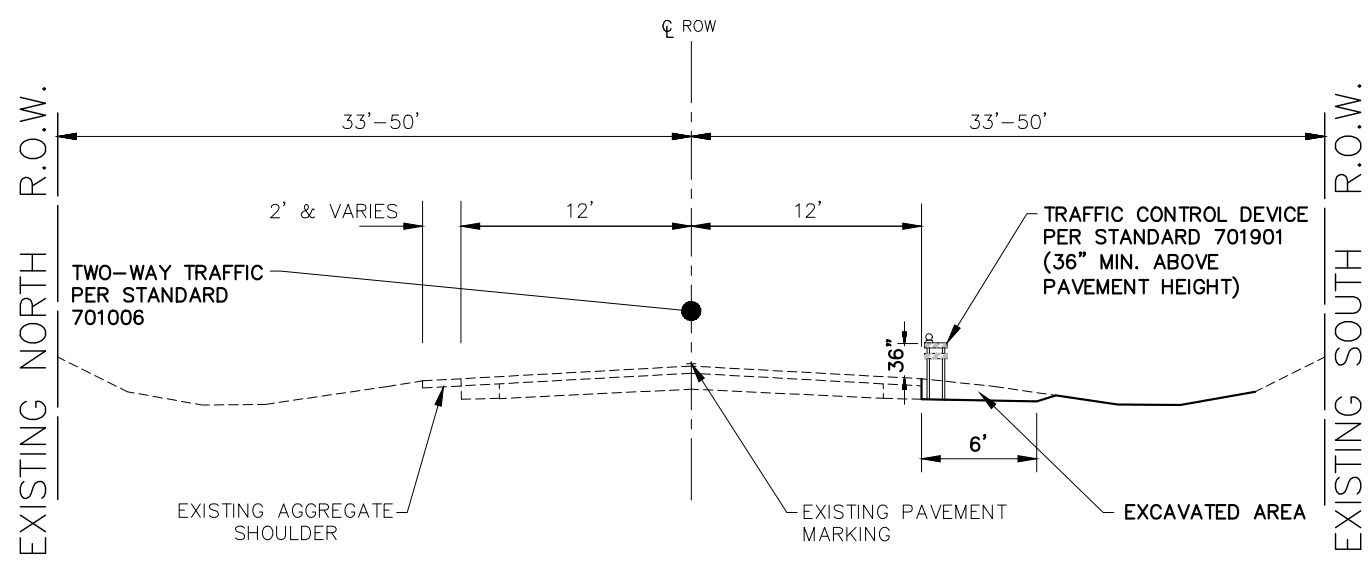
STAGE 1
(DAY TIME)
STA. 24+20 TO STA. 78+43, FAU 1587 (McCARTHY ROAD)



- 1.) ONE-WAY TRAFFIC WILL BE MAINTAINED DURING THE DAY UTILIZING A ELEVEN FOOT LANE WIDTH AND I.D.O.T. STANDARD 701501.
- 2.) THE CONTRACTOR SHALL BE ABLE TO UTILIZE THE REMAINING PAVEMENT TO THE SOUTH FOR HIS WORK.

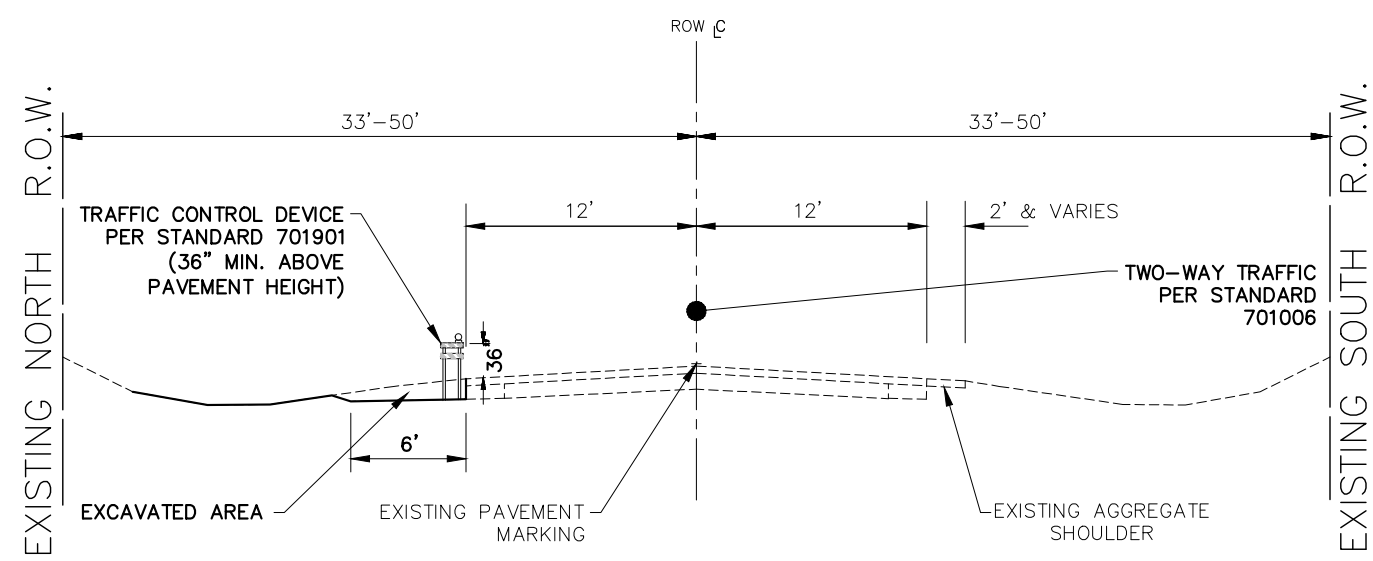
NOTE:
NO SHORT-TERM PAVEMENT MARKING IS PROPOSED FOR STAGE 1 - EXISTING PAVEMENT CENTERLINE WILL BE USED FOR DAY AND NIGHT TRAFFIC

STAGE 2
(DAY TIME)
STA. 24+20 TO STA. 78+43, FAU 1587 (McCARTHY ROAD)



- 1.) TWO-WAY TRAFFIC WILL BE MAINTAINED AT NIGHT ALLOWING TWO TWELVE FOOT LANES.
- 2.) TEMPORARY BARRIERS WILL NOT BE NEEDED FOR UNDERCUT OPERATIONS OF FOUR DAYS OR LESS.

STAGE 1
(NIGHT TIME)
STA. 24+20 TO STA. 78+43, FAU 1587 (McCARTHY ROAD)



- 1.) TWO-WAY TRAFFIC WILL BE MAINTAINED AT NIGHT ALLOWING TWO TWELVE FOOT LANES.
- 2.) TEMPORARY BARRIERS WILL NOT BE NEEDED FOR UNDERCUT OPERATIONS OF FOUR DAYS OR LESS.

STAGE 2
(NIGHT TIME)
STA. 24+20 TO STA. 78+43, FAU 1587 (McCARTHY ROAD)

STAGE 1

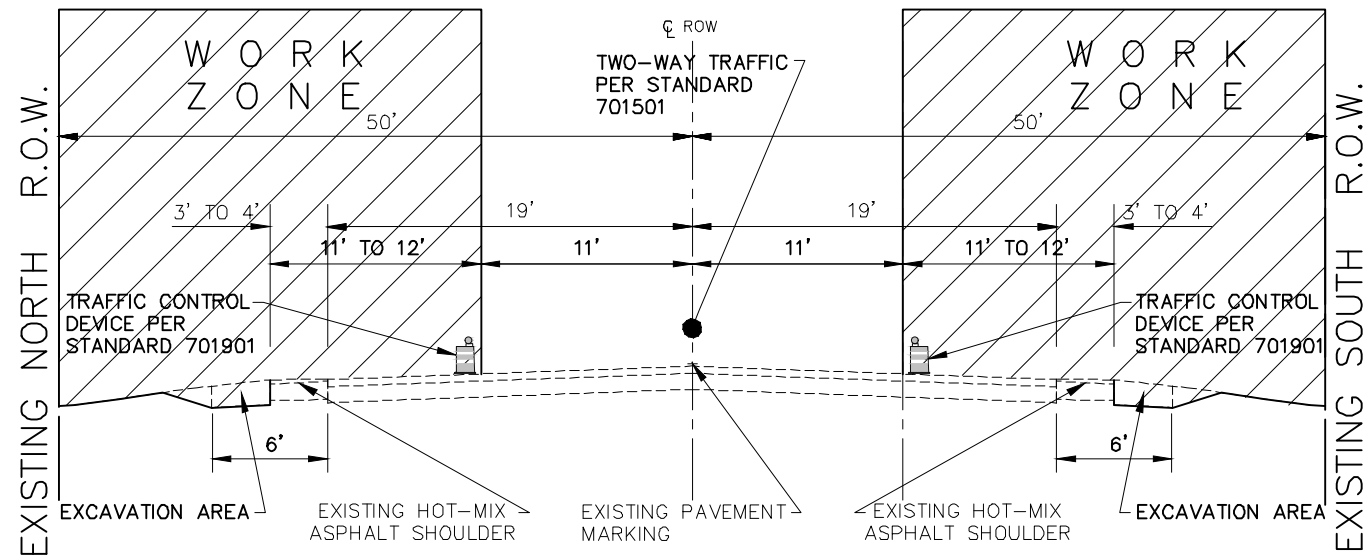
STAGE 2

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) #19383 BIKE LANES AND RESURFACING	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
	PLOT SCALE =	DRAWN - JFP	REVISED - 7-30-20 JLC
	PLOT DATE =	CHECKED - THK	REVISED -
		DATE - 7-6-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC			
STA. 24+50 TO STA. 78+43, FAU 1587 (McCARTHY ROAD)			
SCALE: 1"=5'	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. 184-009928				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	27
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	7805 (279)

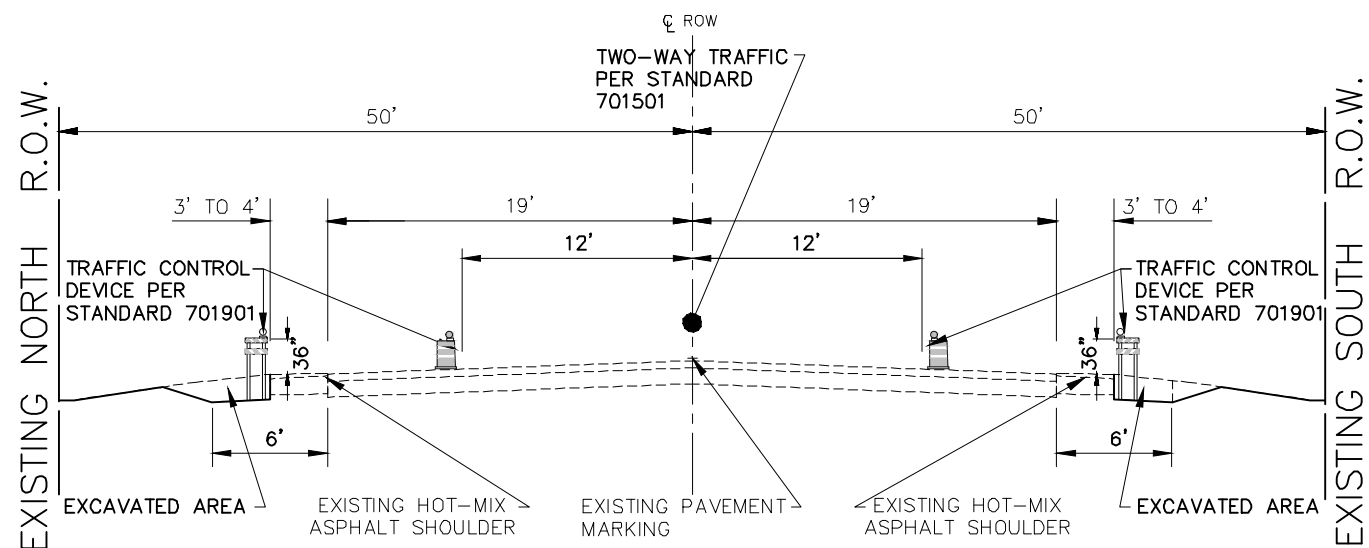


- 1.) TWO-WAY TRAFFIC WILL BE MAINTAINED DURING THE DAY UTILIZING A ELEVEN FOOT LANE WIDTH AND I.D.O.T. STANDARD 701501.
- 2.) THE CONTRACTOR SHALL BE ABLE TO UTILIZE THE REMAINING PAVEMENT TO THE NORTH AND SOUTH FOR HIS WORK.

NOTE:
 NO SHORT-TERM PAVEMENT MARKING IS PROPOSED FOR STAGE 1 - EXISTING PAVEMENT CENTERLINE WILL BE USED FOR DAY AND NIGHT TRAFFIC

**STAGE 1
 (DAY TIME)**

STA. 78+43 TO STA. 84+64, FAU 1587 (McCARTHY ROAD)



- 1.) TWO-WAY TRAFFIC WILL BE MAINTAINED AT NIGHT ALLOWING TWO ELEVEN FOOT LANES.
- 2.) TEMPORARY BARRIERS WILL NOT BE NEEDED FOR UNDERCUT OPERATIONS OF FOUR DAYS OR LESS.
- 3.) BARRILES TO BE MOVED AT THE END OF EACH DAY OF CONSTRUCTION TO OPEN TWO-WAY TRAFFIC AND BARRICADES TO BE USED IN EXCAVATED AREAS, AT ENDS, AND DRIVEWAYS

**STAGE 1
 (NIGHT TIME)**

STA. 78+43 TO STA. 84+64, FAU 1587 (McCARTHY ROAD)

FILE NAME
 FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BIKE LANES AND RESURFACING

USER NAME =
 PLOT SCALE =
 PLOT DATE =

DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17

REVISED - 2-21-20 THK
 REVISED - 7-30-20 JLC
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
 STA. 78+43 TO STA. 84+64, FAU 1587 (McCARTHY ROAD)
 SCALE: 1"=5' SHEET NO. OF SHEETS STA. TO STA.

		545 Plainfield Road, Suite A Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132 Illinois Professional Design Firm No. 184-009928		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	28
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		7805 (279)

STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION
DESCRIPTION OF CONSTRUCTION ACTIVITY:

1. THE PROJECT IS LOCATED IN THE VILLAGE OF LEMONT, ILLINOIS, ALONG MCCARTHY ROAD, BETWEEN ILLINOIS STREET AND WALKER ROAD AND INCLUDES RIGHT-OF-WAYS.
2. CONSTRUCTION INCLUDES RESURFACING, WIDENING, TRENCH EXCAVATION, STORM STRUCTURE INSTALLATION, STORM SEWER REPLACEMENT, SIDEWALK REPLACEMENT, LANDSCAPING, AND OTHER MISCELLANEOUS ITEMS OF CONSTRUCTION.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTION OF THE CONSTRUCTION SITE:

1. INSTALL EROSION CONTROL MEASURES.
2. INSTALL STORM SEWER PIPE AND APPURTANCES.
3. COMPLETE PROJECT LANDSCAPING AND PAVEMENT RESTORATION.
4. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS TOPSOIL AND SODDING.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 10.5 ACRES BY WHICH 2.35 ACRES WILL BE DISTURBED BY CONSTRUCTION ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS, WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILITIES FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

1. ILLINOIS & MICHIGAN CANAL

CONTROLS, EROSION CONTROLS AND SEDIMENT CONTROL:

1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF NATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

- (a) AREAS OF EXISTING VEGETATION, WOOD AND GRASSLANDS, OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
- (b) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
- (c) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
- (d) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.
- (e) IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.
- (f) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS ON ADJACENT LANDOWNERS, TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.

2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

3. THE VILLAGE OF LEMONT IS RESPONSIBLE FOR CONDUCTING SITE VISITS AND VERIFYING THAT THE PRACTICES ARE WORKING PROPERLY AND DETERMINE IF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL. IF ADDITIONAL PRACTICES ARE DEEMED NECESSARY BY THE SWCD THE CONTRACTOR WILL IMPLEMENT THE PRACTICES IN A TIMELY MANNER.

THE VILLAGE OF LEMONT MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO FINAL INSPECTION.

THE SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSPECTED WEEKLY AND AFTER 1/2 INCH OF RAIN OR MORE BY THE INDIVIDUAL IN CHARGE OF SOIL EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION OF THE PROJECT.

ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE REFERRED FROM THE ILLINOIS URBAN MANUAL.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

ENGINEER  JAMES L. CAINKAR, P.E.

10-02-20
DATE

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING, EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER, PARKING OF VEHICLES OF CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - (a) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
 - (b) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER.
 - i. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - ii. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - iii. PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - (c) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN (7) DAYS.
 - (d) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
 - (e) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2-INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
 - (f) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION FOR EROSION CONTROL.
 - (g) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SODDED AND ESTABLISHED.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.






MAINTENANCE AFTER CONSTRUCTION:

CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE BY THE MUNICIPALITY. MAINTENANCE UP TO THIS DATE WILL BE BY THE CONTRACTOR.

MISCELLANEOUS:

1. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 15-FOOT FALL/RISE IN DITCH GRADE.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES, IF DIRECTED.
3. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FORM/GEOTEXTILE SILT WEDGES, AND/OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
4. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION FOR EROSION CONTROL.
5. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

LEGEND

-  TEMPORARY DITCH CHECK
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER - SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION
-  SEDIMENT BASIN

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN IN THE ILLINOIS URBAN MANUAL AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.



NOVOTNY ENGINEERING

Illinois Professional Design Firm No. 184-000928

545 Plainfield Road, Suite A
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132

FILE NAME: FAU 1587 (MCCARTHY ROAD)
FAU 1085 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
#14267 BICYCLE LANES

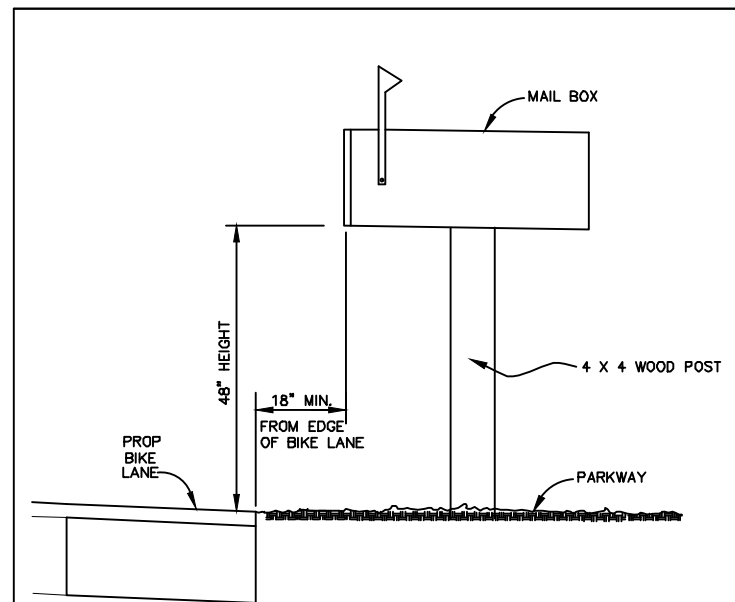
USER NAME =	DESIGNED -- JLC	REVISED -- 2-21-20 THK
PLOT SCALE = H: 1"=40'; V: 1"=1'	DRAWN -- JFP	REVISED -- 7-30-20 JLC
PLOT DATE =	CHECKED -- THK	REVISED -- 10-02-20 JLC
	DATE -- 7-6-17	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STORM WATER POLLUTION PREVENTION PLAN

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

F.A.U. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	29
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	7805 (279)		



- THE MAIL BOX MUST BE PLACED SO THAT IT IS ACCESSIBLE FOR THE DELIVERY OF MAIL FROM THE POSTAL CARRIERS VEHICLE.
- **SAFETY NOTE:** PRIOR TO ANY DIGGING WITHIN THE PARKWAY, PLEASE HAVE ALL UTILITIES LOCATED AND MARKED (WATER, SEWER, GAS, ELECTRIC AND TELEPHONE).

CALL JULIE
1-800-892-0123 AND
VILLAGE OF LEMONT
DEPARTMENT OF PUBLIC
WORKS 1-630-257-2532
PRIOR TO INSTALLATION

VILLAGE OF LEMONT			
MAIL BOX			
REV. 10/02/20	12/10/01	NO. LS-91	REV. 1
REV. 6/23/08			

EROSION CONTROL NOTES

1. CONCRETE TRUCKS MAY NOT WASH OUT ON SITE. DUE TO THE CLOSE PROXIMITY OF THE CONCRETE READY MIX SITE, (LESS THAN 1 MILE), CONCRETE TRUCKS SHALL RETURN TO THE PLANT FOR WASHOUT.
2. UPON INSTALLATION OF ANY NEW CATCH BASINS AND INLETS WITH OPEN LIDS, INLET FILTERS SHALL IMMEDIATELY BE INSTALLED IN THEM TO CONTROL/PREVENT SEDIMENT INTO THE SEWER SYSTEM.
3. IMMEDIATELY AFTER THE INSTALLATION OF THE BIKE LANES PAVING, ALL DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL & SODDING, SALT TOLERANT.

GENERAL NOTES

THE CONTRACTOR WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATIONS TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. SEDIMENTATION MUST NOT BE TRANSPORTED OFF THE CONSTRUCTION AREA. THE CONTRACTORS ATTENTION IS CALLED TO THE STANDARD SPECIFICATIONS FOR TEMPORARY EROSION CONTROL.

PERMANENT DRAINAGE FEATURES SHALL BE CONSTRUCTED AS SOON AS POSSIBLE.

SOIL EROSION CONTROL NOTES

THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES PRIOR TO EXISTING VEGETATION.

THE CONSTRUCTION LIMITS SHALL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.

ALL DRAINAGE STRUCTURES WITH OPEN GRATES IN THE PARKWAY SHALL HAVE INLET AND PIPE PROTECTION INSTALLED AROUND THE FRAME (REFERENCE STANDARD IL-563). INSTALLATIONS SHALL BE INSPECTED AFTER EVERY RUNOFF PRODUCING RAIN AND SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE BARRIER (ILLINOIS URBAN MANUAL STANDARD 563).

PERIMETER EROSION BARRIER SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER (REFERENCE STANDARD IL-620). SEDIMENT SHALL BE REMOVED AFTER EACH RAINFALL AND ONCE IT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE BARRIER (ILLINOIS URBAN MANUAL STANDARD 920).

ALL SALT TOLERANT SOD SHALL BE INSTALLED AS DIRECTED BY ENGINEER. SOD SHALL BE WATERED EVERY WEEK TO TWO WEEKS AND FERTILIZER APPLIED AS DIRECTED BY THE ENGINEER (ILLINOIS URBAN MANUAL STANDARD 925).

SEEDING SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE CLASS 4A, A PERENNIAL RYEGRASS, AND PERFORMED BETWEEN APRIL 1 AND JUNE 1, IF PERFORMED IN THE SPRING, OR AUGUST 1 AND SEPTEMBER 1, IF PERFORMED IN THE FALL. SEEDING SHALL BE PERFORMED AT A RATE OF 43 LBS/ACRE (ILLINOIS URBAN MANUAL STANDARD 880).

THE SOIL AND WATER CONSERVATION DISTRICT IS RESPONSIBLE FOR CONDUCTING SITE VISITS AND VERIFYING THAT THE PRACTICES ARE WORKING PROPERLY AND DETERMINE IF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL. IF ADDITIONAL PRACTICES ARE DEEMED NECESSARY BY THE SWCD, THE CONTRACTOR WILL IMPLEMENT THE PRACTICES OF THE ILLINOIS URBAN MANUAL IN A TIMELY MANNER.

SOIL EROSION AND SEDIMENTATION CONTROL - NOTES

1. GENERAL

A. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL, AND IEPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES.

C. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.

D. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEANUP FUEL OR CHEMICAL SPILLS AND LEAKS.

E. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATION IS PROHIBITED.

F. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

G. REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGE WAYS RESULTING FROM LAND DEVELOPING OR DISTURBING ACTIVITIES.

2. IMPLEMENTATION

A. BEFORE STARTING SITE GRADING WORK, PERIMETER EROSION CONTROL (SILT FENCES) SHALL BE INSTALLED AS SHOWN ON THE PLANS. IF DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL INSTALL ADDITIONAL SILT FENCES WHERE NEEDED.

B. GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WORTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES, IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.

C. ANY PUBLIC AND/OR PRIVATE ROADS THAT ARE ADJACENT TO THE SITE AND USED FOR INGRESS AND EGRESS, SHALL BE MONITORED AND SWEEPED WHEN DIRTY AT THE DIRECTION OF THE VILLAGE OF LEMONT ENGINEER.

D. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 10 DAYS, SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED AROUND SUCH STOCKPILE. IF MORE THAN 2 MONTHS, THEN IT IS REQUIRED THAT THE STOCKPILE BE SEEDED SO AS TO MINIMIZE SOIL EROSION BY BOTH WIND AND WATER.

3. INSPECTION AND MAINTENANCE

A. THE TEMPORARY EROSION CONTROL MEASURES SHALL BE IN PLACE AND WORK EFFECTIVELY UNTIL ALL THE PERMANENT EROSION CONTROL ITEMS ARE FULLY FUNCTIONAL.

B. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES WEEKLY AND AFTER ANY STORM EVENT IN EXCESS OF 1/2". ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.

C. AT THE COMPLETION OF THE PROJECT, ALL STORM SEWER PIPES AND STRUCTURES SHALL BE CLEANED AND FREE OF DIRT AND DEBRIS. THE SEDIMENTATION SHALL BE REMOVED FROM THE STORM SEWER SYSTEM AND SHALL NOT BE WASHED OUT IN THE STORM SEWER SYSTEM.

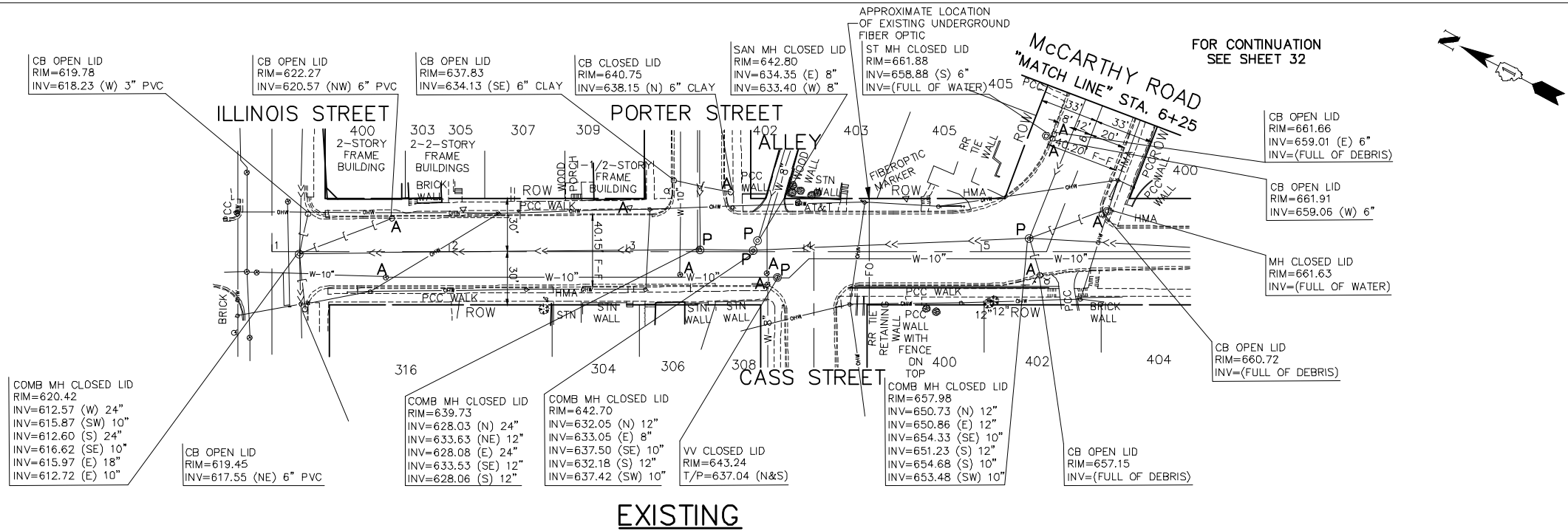
FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) #19383	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
	PLOT SCALE =	DRAWN - JFP	REVISED - 8-08-20 JLC
	PLOT DATE =	CHECKED - THK	REVISED - 10-02-20 JLC
		DATE - 9-20-18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL NOTES AND DETAILS

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

		545 Plainfield Road, Suite A Willowbrook, IL 60527 T: (630) 887.8440 F: (630) 887.0132		
		Illinois Professional Design Firm No. 184-009928		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	30
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	7805 (279)	



EXISTING

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

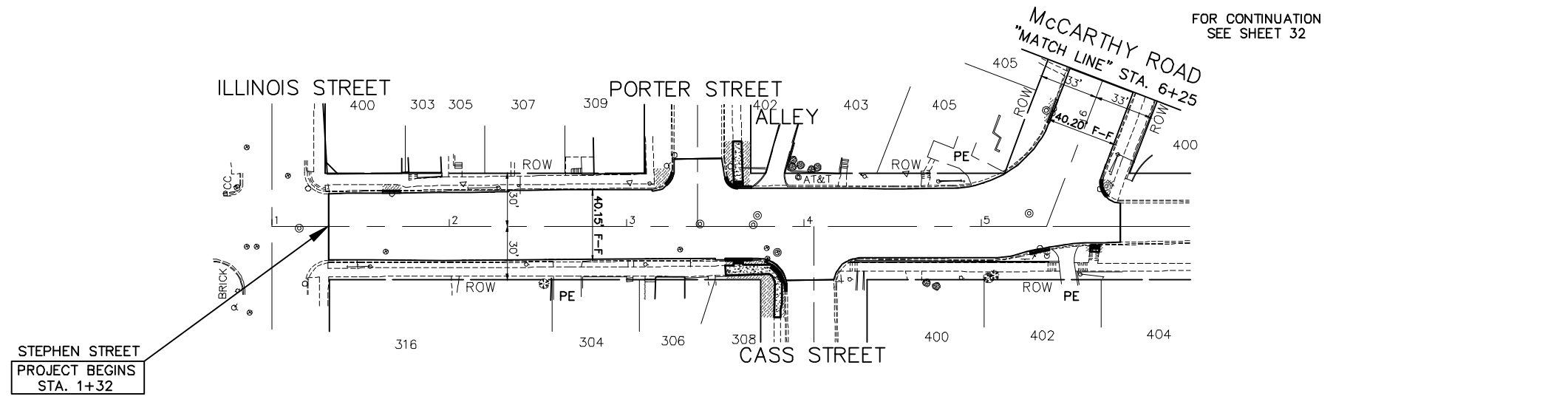


EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND

- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
- ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
- "RE" DENOTES EXISTING REMOVING CATCH BASINS
- ⊔ "RE" DENOTES EXISTING REMOVING END SECTIONS
- ⊙ "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
- ⊔ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
- ⊔ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- PROPOSED STORM SEWER/CULVERT
- ⊔ PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
- ⊔ PROPOSED INLET
- ⊙ PROPOSED RELOCATED FIRE HYDRANT
- PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT



**PROPOSED
STEPHEN STREET**

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- ⊔ DITCH CHECK TEMPORARY
- ⊔ INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET
- RIPRAP
- ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
- ⊙ TREE PROTECTION
- TEMPORARY FENCES
- IF DRAINAGE STRUCTURE INLET FILTER

ENDANGERED SPECIES NOTES

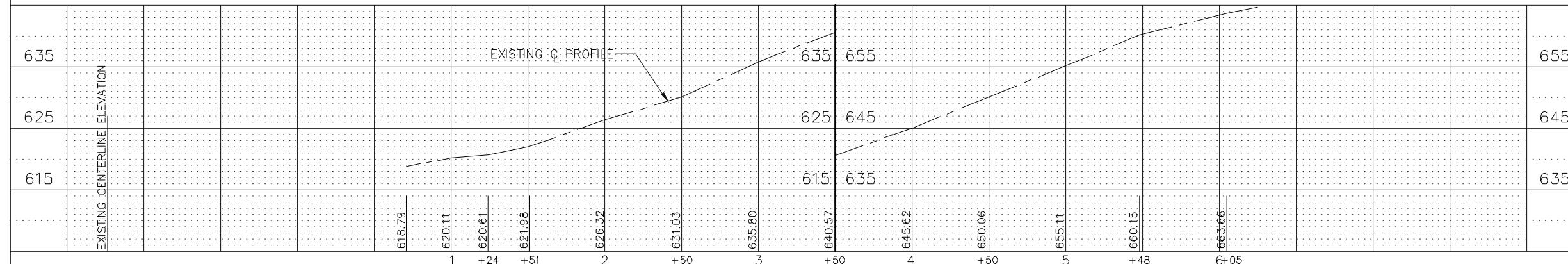
- ACCIDENTAL TRAPPING OF WILDLIFE IN CONSTRUCTION TRENCHES AND IN EROSION CONTROL BLANKET MUST BE AVOIDED.
- 1) NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
- 2) THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

SEDIMENT & EROSION NOTES

- A. ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
- B. ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- C. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- D. NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
- E. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- F. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- G. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

TREE PROTECTION NOTE

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.



FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
#19383 BICYCLE LANES	PLOT SCALE = H: 1" = 40'; V: 1" = 10'	DRAWN - JFP	REVISED - 7-30-20 JLC
	PLOT DATE =	CHECKED - THK	REVISED - 10-02-20 JLC
		DATE - 7-6-17	REVISED -

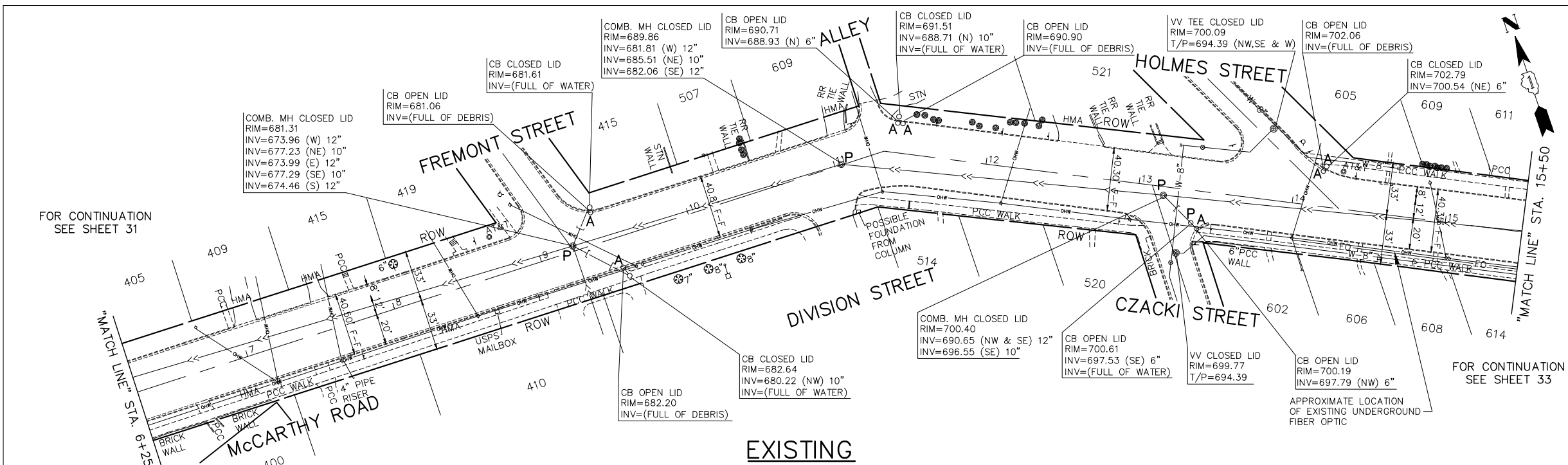
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) FAU 1065 (ILLINOIS STREET) TO STA. 6+25
 (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)

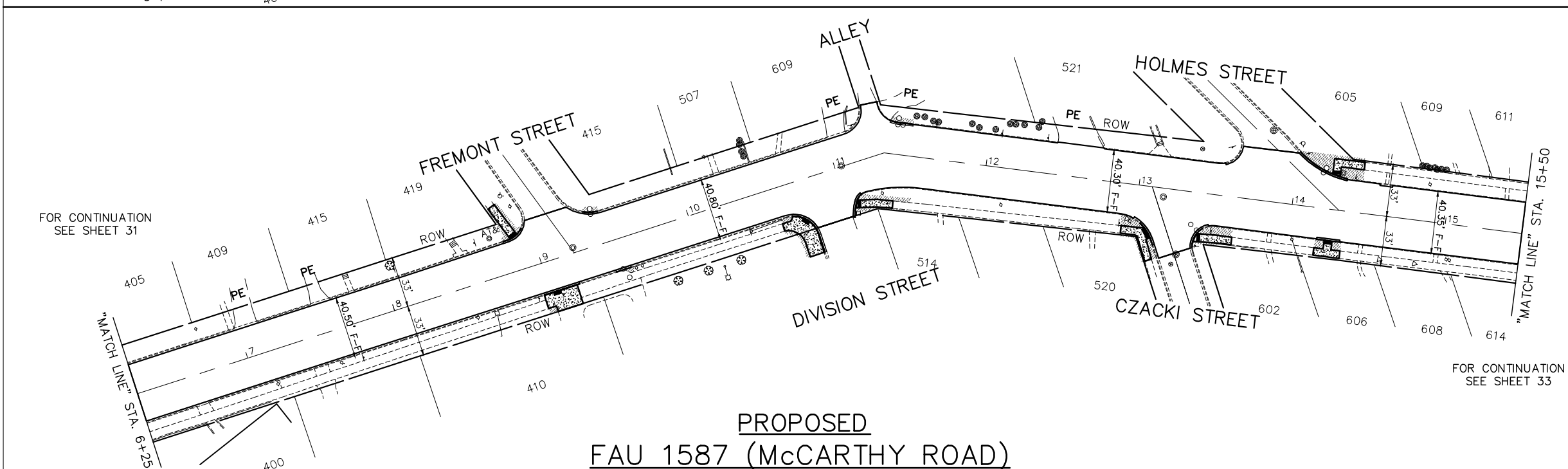
SCALE: AS NOTED SHEET NO. OF SHEETS STA. 1+33 TO STA. 6+25

F.A.U. RTE. 1587	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	14-00052-00-BT	COOK	91	31
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			7805 (279)	

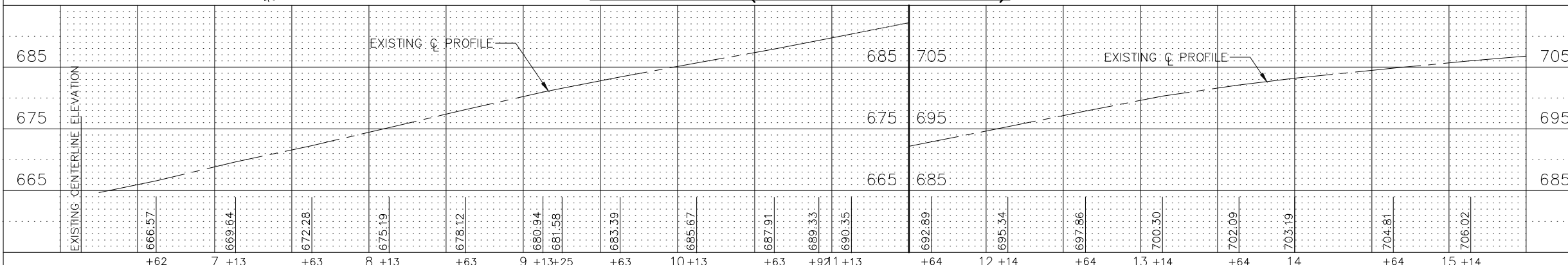
Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
Illinois Professional Design Firm No. 184-00928



EXISTING



**PROPOSED
FAU 1587 (McCarthy Road)**



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
 0 40 80 IN FEET

- EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND**
- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
 - ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
 - "RE" DENOTES EXISTING REMOVING CATCH BASINS
 - "RE" DENOTES EXISTING REMOVING END SECTIONS
 - "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
 - ⊙ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
 - ⊙ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

- PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND**
- PROPOSED STORM SEWER/CULVERT
 - PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
 - PROPOSED INLET
 - PROPOSED RELOCATED FIRE HYDRANT
 - PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT

- EROSION CONTROL LEGEND**
- PERIMETER EROSION BARRIER
 - DITCH CHECK TEMPORARY
 - INLET AND PIPE PROTECTION
 - EROSION CONTROL BLANKET
 - RIPRAP
 - ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
 - ⊙ TREE PROTECTION
 - TEMPORARY FENCES
 - IF DRAINAGE STRUCTURE INLET FILTER

- ENDANGERED SPECIES NOTES**
- ACCIDENTAL TRAPPING OF WILDLIFE IN CONSTRUCTION TRENCHES AND IN EROSION CONTROL BLANKET MUST BE AVOIDED.
- NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
 - THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

- SEDIMENT & EROSION NOTES**
- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
 - ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
 - THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
 - NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
 - STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
 - WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
 - ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

TREE PROTECTION NOTE

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.

FILE NAME: FAU 1587 (McCarthy Road)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BICYCLE LANES

USER NAME =
 DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17

REVISED - 2-21-20 THK
 REVISED - 7-30-20 JLC
 REVISED - 10-02-20 JLC

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

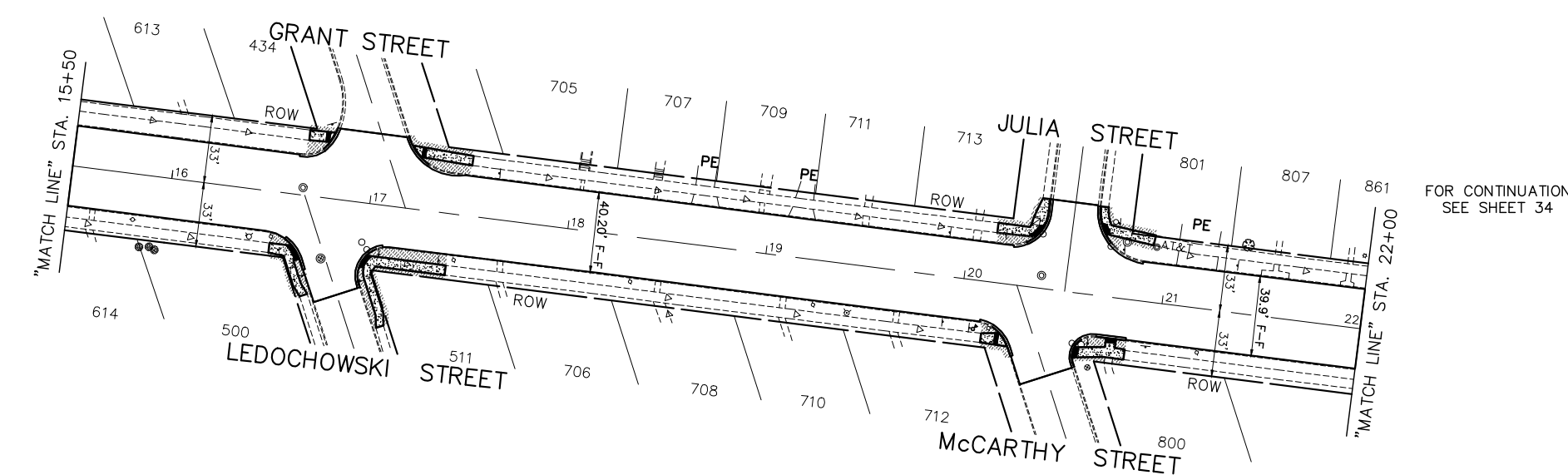
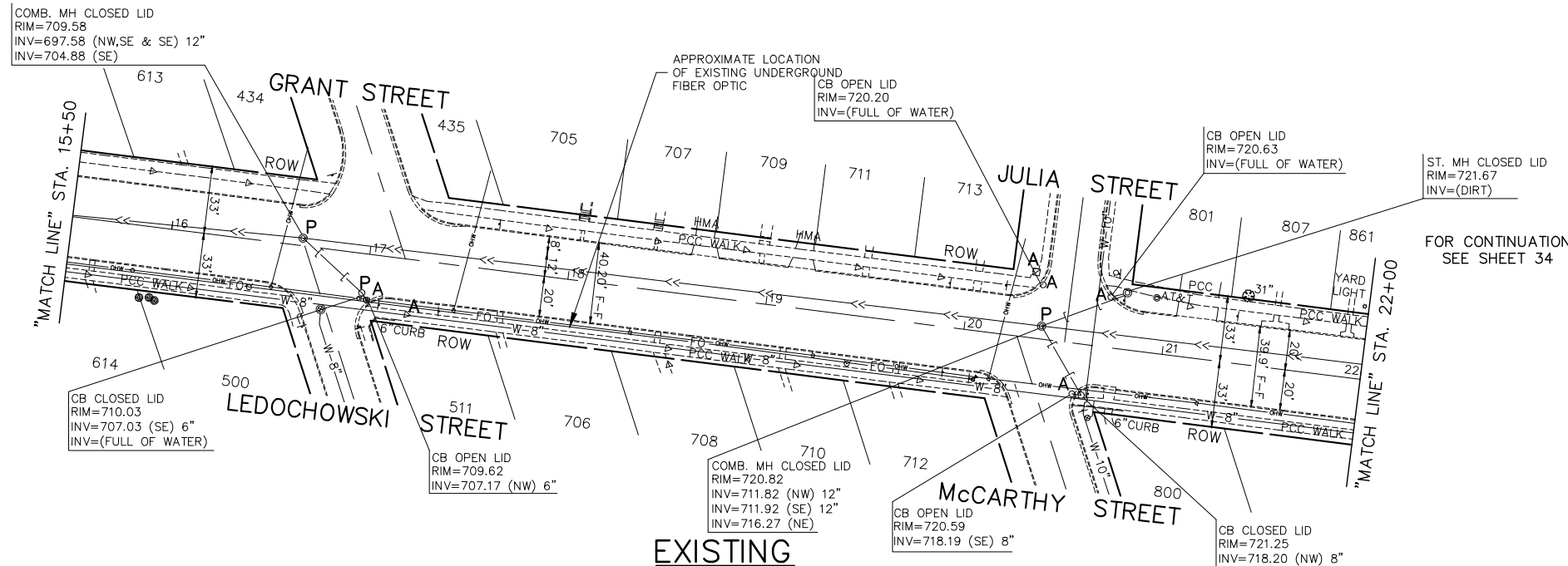
PLAN & PROFILE:
 FAU 1587 (McCarthy Road) - (BIKE LANES) STA. 6+25 TO STA. 15+50
 (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. 6+25 TO STA. 15+50

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	32
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			7805 (279)	

CONTRACT NO. 61G86



**PROPOSED
FAU 1587 (McCARTHY ROAD)**

EXISTING CENTERLINE ELEVATION	725	715	705
	707.14	708.31	709.67
	710.96	712.43	714.00
	715.65	717.25	718.86
	720.21	721.08	721.38
	722.26	723.24	
	+69	16 +19	+69 17 +19
			+67 18 +17
			+67 19 +16
			+65 20 +15
			+50 +65 21 +14
			+64 22

FILE NAME FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
#19383 BICYCLE LANES

USER NAME =
DESIGNED - JLC
DRAWN - JFP
PLOT SCALE = H: 1" = 40'; V: 1" = 1'
CHECKED - THK
DATE - 7-6-17

REVISED - 2-21-20 THK
REVISED - 7-30-20 JLC
REVISED - 10-02-20 JLC

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE:
FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 15+50 TO STA. 22+00
(DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
0 40 80 IN FEET

- EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND**
- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
 - ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
 - "RE" DENOTES EXISTING REMOVING CATCH BASINS
 - ⌈ "RE" DENOTES EXISTING REMOVING END SECTIONS
 - "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
 - ⊠ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
 - ⊠ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

- PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND**
- C- PROPOSED STORM SEWER/CULVERT
 - C PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
 - PROPOSED INLET
 - PROPOSED RELOCATED FIRE HYDRANT
 - PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT

- EROSION CONTROL LEGEND**
- PERIMETER EROSION BARRIER
 - ◇ DITCH CHECK TEMPORARY
 - ◇ INLET AND PIPE PROTECTION
 - EROSION CONTROL BLANKET
 - RIPRAP
 - ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
 - TREE PROTECTION
 - TEMPORARY FENCES
 - IF DRAINAGE STRUCTURE INLET FILTER

ENDANGERED SPECIES NOTES

ACCIDENTAL TRAPPING OF WILDLIFE IN CONSTRUCTION TRENCHES AND IN EROSION CONTROL BLANKET MUST BE AVOIDED.

- NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
- THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

SEDIMENT & EROSION NOTES

- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
- ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
- STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

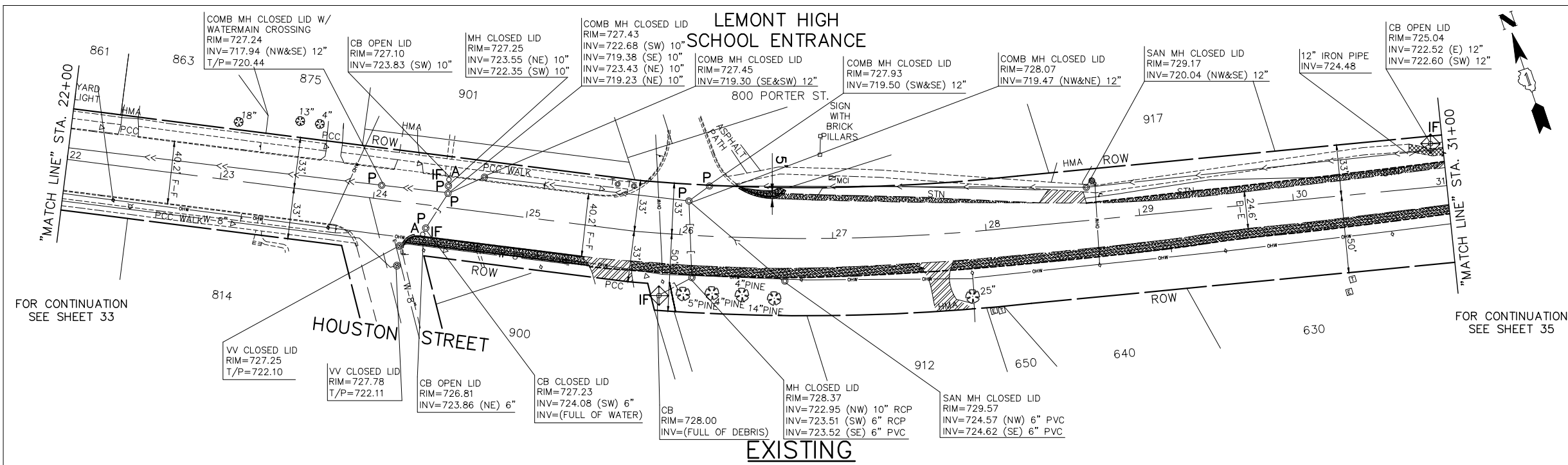
TREE PROTECTION NOTE

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.

NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-00928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	33
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	7805 (279)

CONTRACT NO. 61G86



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

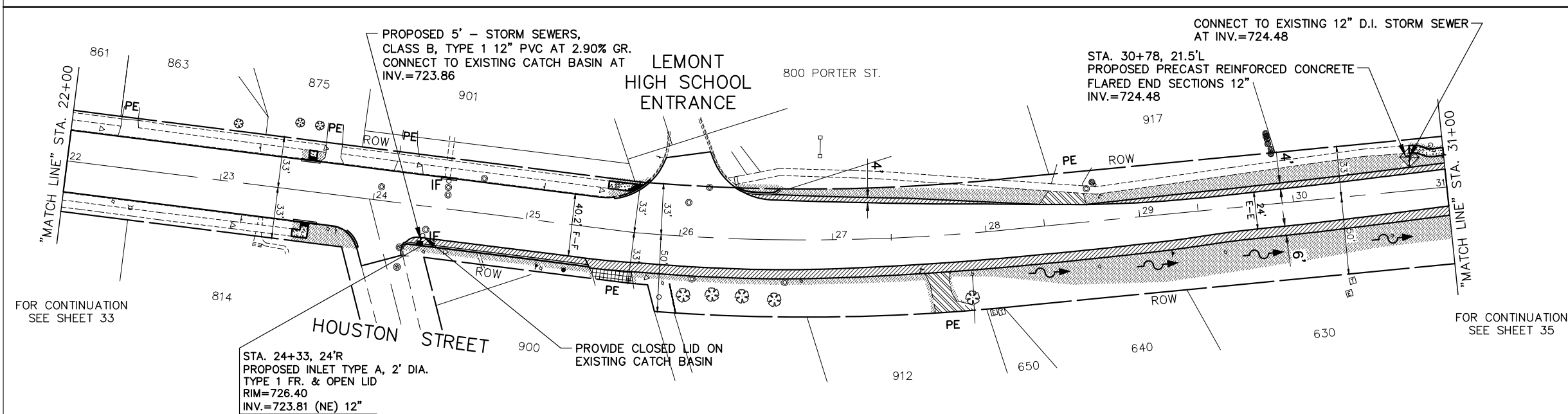
GRAPHIC SCALE
 0 40 80 IN FEET

EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND

- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
- ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
- "RE" DENOTES EXISTING REMOVING CATCH BASINS
- ⊔ "RE" DENOTES EXISTING REMOVING END SECTIONS
- "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
- ⊠ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
- ⊞ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- PROPOSED STORM SEWER/CULVERT
- PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
- PROPOSED INLET
- PROPOSED RELOCATED FIRE HYDRANT
- PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET
- RIPRAP
- ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
- ⊙ TREE PROTECTION
- TEMPORARY FENCES
- IF DRAINAGE STRUCTURE INLET FILTER

DANGERED SPECIES NOTES

- ACCIDENTAL TRAPPING OF WILDLIFE IN CONSTRUCTION TRENCHES AND IN EROSION CONTROL BLANKET MUST BE AVOIDED.
- NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
- THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

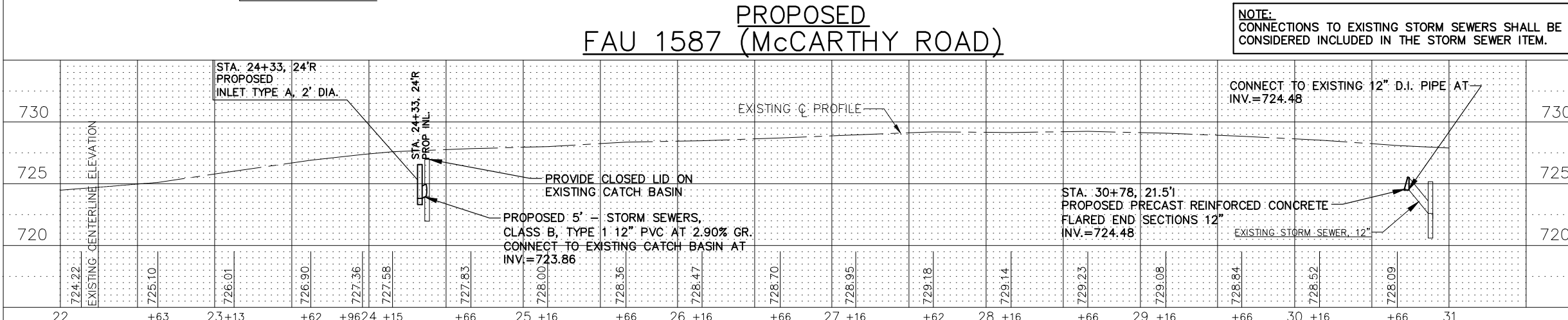
SEDIMENT & EROSION NOTES

- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
- ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
- STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

TREE PROTECTION NOTE

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.

NOTE:
 SEE CROSS SECTIONS ON SHEET 78 FOR LOCATIONS OF PROPOSED DITCHING



FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-11-17
#19383 BICYCLE LANES	PLOT SCALE = H: 1" = 40'; V: 1" = 1'	DRAWN - JFP	REVISED - 8-04-17
	PLOT DATE =	CHECKED - THK	REVISED - 2-21-20 THK
		DATE - 7-6-17	REVISED - 7-30-20 JLC

10-02-20 JLC

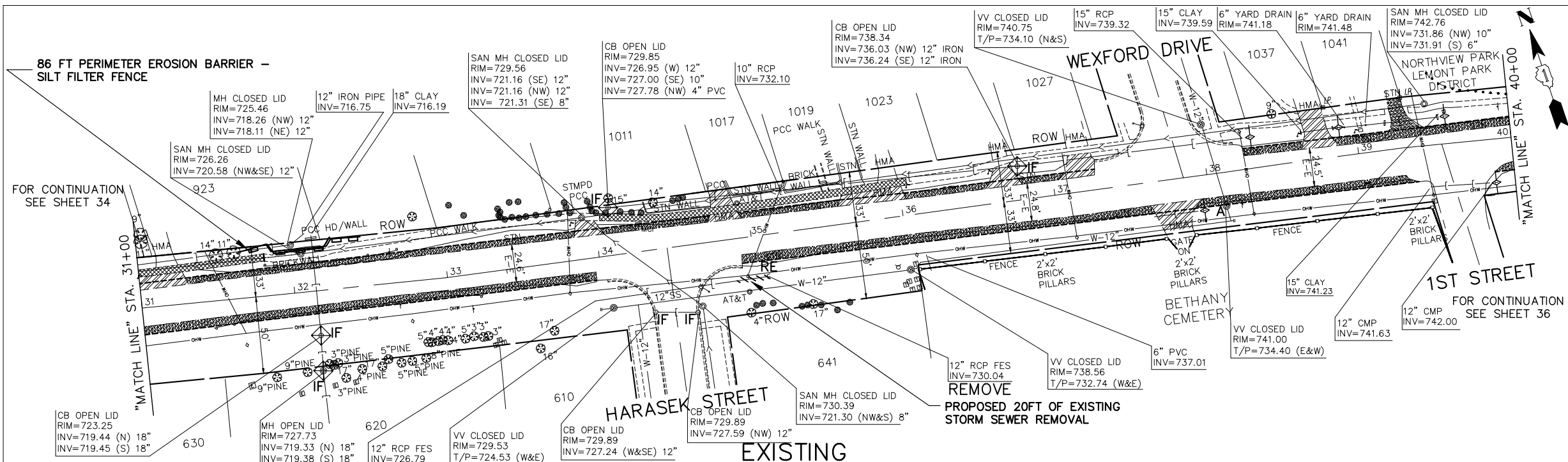
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN & PROFILE:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 22+00 TO STA. 31+00
 (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	34
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	7805 (279)		

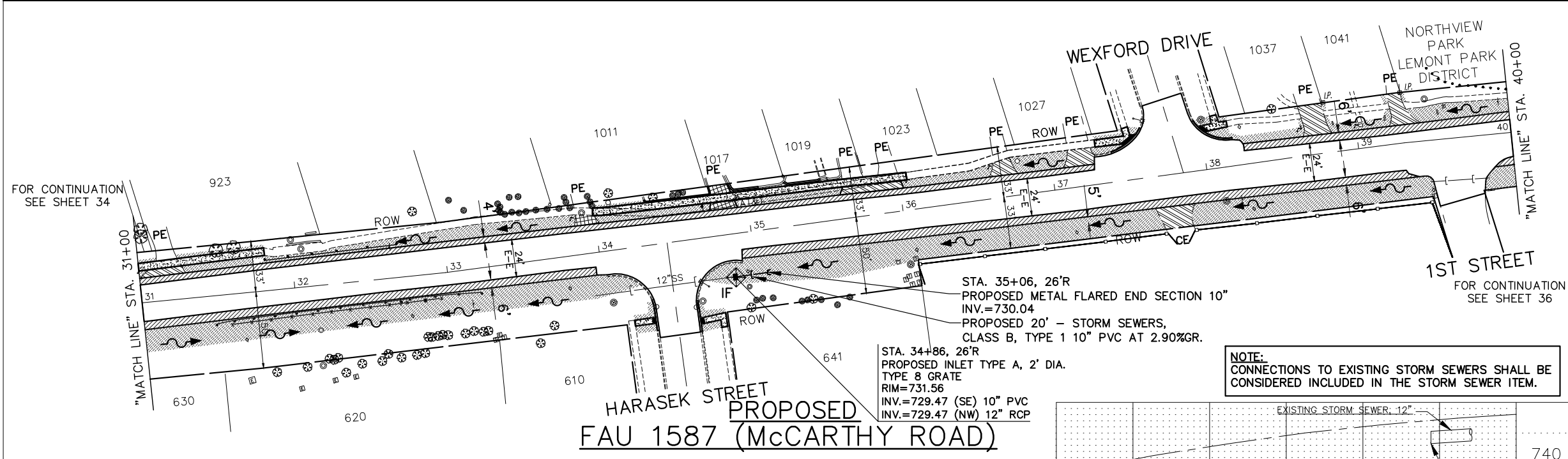


IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
 0 40 80
 IN FEET

- EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND**
- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
 - ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
 - "RE" DENOTES EXISTING REMOVING CATCH BASINS
 - ⊖ "RE" DENOTES EXISTING REMOVING END SECTIONS
 - ⊕ "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
 - ⊖ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
 - ⊕ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

- PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND**
- PROPOSED STORM SEWER/CULVERT
 - PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
 - PROPOSED INLET
 - ⊙ PROPOSED RELOCATED FIRE HYDRANT
 - PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT

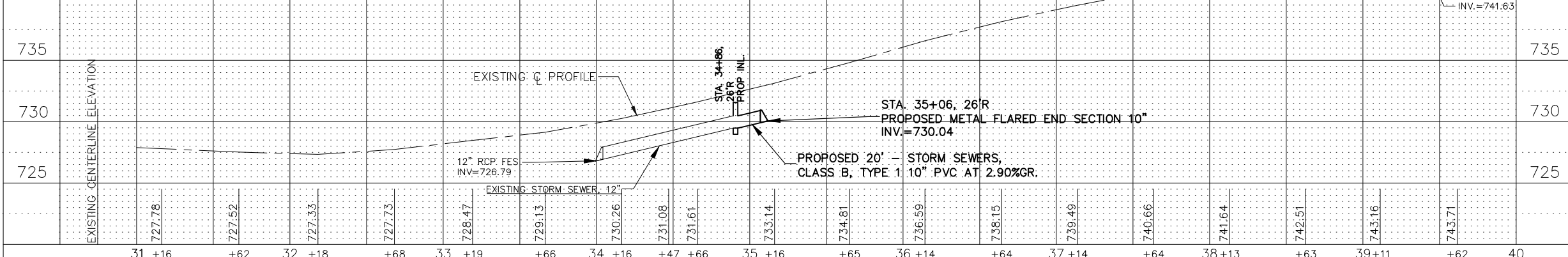


- EROSION CONTROL LEGEND**
- PERIMETER EROSION BARRIER
 - DITCH CHECK TEMPORARY
 - INLET AND PIPE PROTECTION
 - EROSION CONTROL BLANKET
 - RIPRAP
 - ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
 - ⊙ TREE PROTECTION
 - TEMPORARY FENCES
 - IF DRAINAGE STRUCTURE INLET FILTER

- DANGEROUS SPECIES NOTES**
- 1) NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
 - 2) THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

- SEDIMENT & EROSION NOTES**
- A. ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
 - B. ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
 - C. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
 - D. NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
 - E. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
 - F. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
 - G. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

- TREE PROTECTION NOTE**
- 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.
- NOTE:
 SEE CROSS SECTIONS ON SHEET 78 FOR LOCATIONS OF PROPOSED DITCHING



NOTE:
 CONNECTIONS TO EXISTING STORM SEWERS SHALL BE CONSIDERED INCLUDED IN THE STORM SEWER ITEM.

FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BICYCLE LANES

USER NAME =	DESIGNED - JLC	REVISED - 7-11-17
PLOT SCALE = H: 1" = 40'; V: 1" = 1'	DRAWN - JFP	REVISED - 8-04-17
PLOT DATE =	CHECKED - THK	REVISED - 2-21-20 THK
	DATE - 7-6-17	REVISED - 7-30-20 JLC
		10-02-20 JLC

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

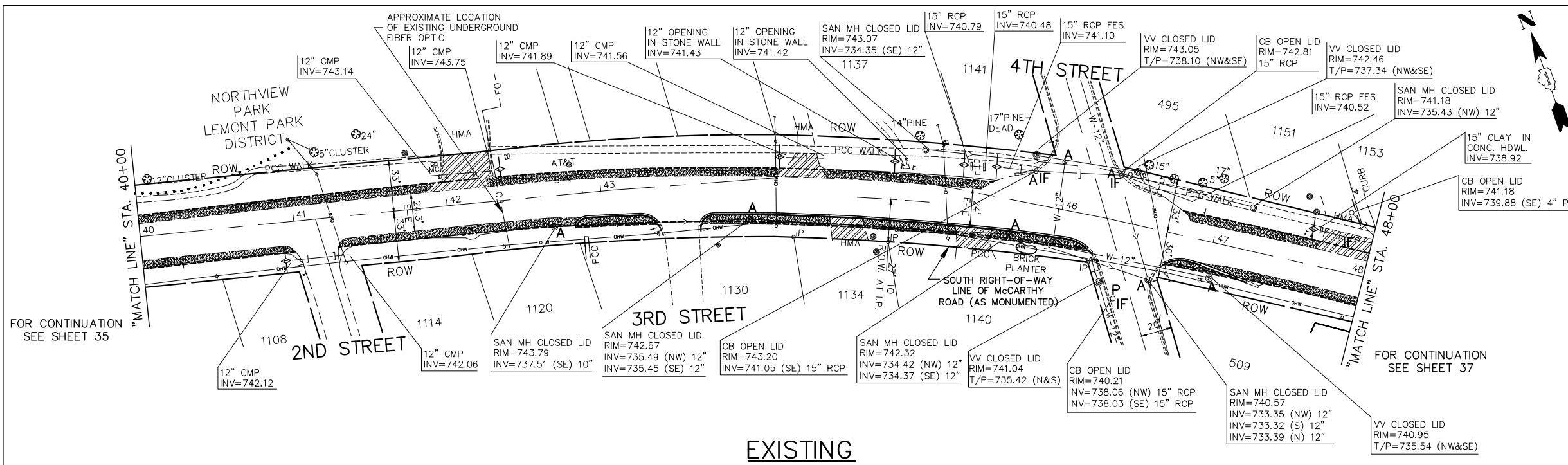
PLAN & PROFILE:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 31+00 TO STA. 40+00
 (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	35
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			7805 (279)	

CONTRACT NO. 61G86



EXISTING

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

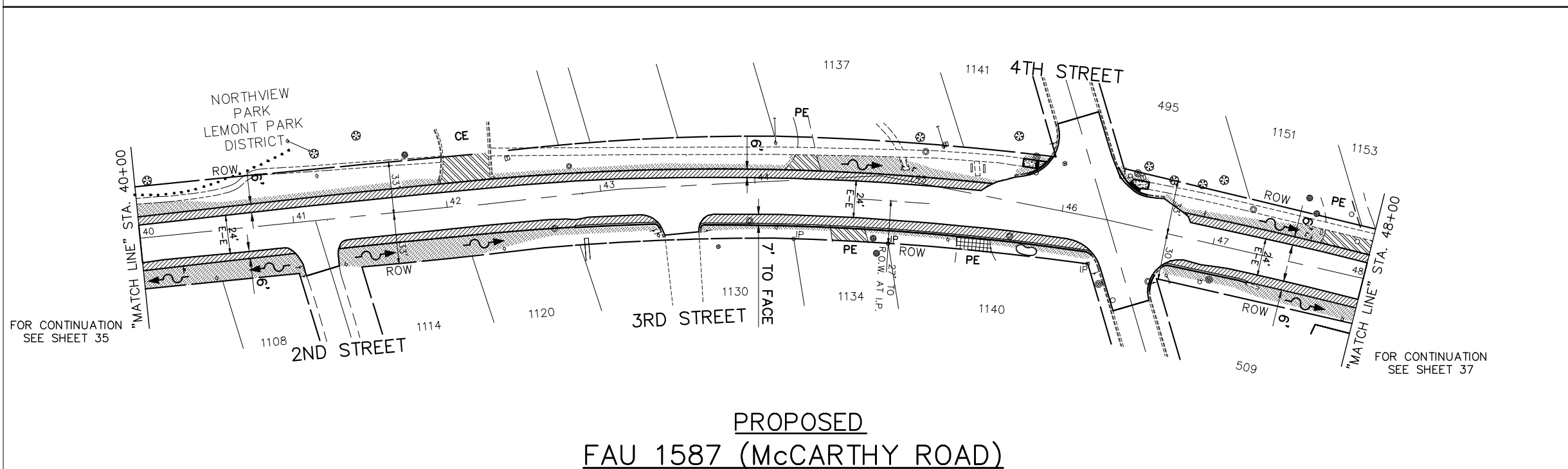
GRAPHIC SCALE
 0 40 80
 IN FEET

EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND

- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
- ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
- "RE" DENOTES EXISTING REMOVING CATCH BASINS
- ⊔ "RE" DENOTES EXISTING REMOVING END SECTIONS
- ⊔ "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
- ⊔ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
- ⊔ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- PROPOSED STORM SEWER/CULVERT
- ⊔ PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
- ⊔ PROPOSED INLET
- ⊙ PROPOSED RELOCATED FIRE HYDRANT
- ▨ PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT



**PROPOSED
 FAU 1587 (McCARTHY ROAD)**

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- ⊔ DITCH CHECK TEMPORARY
- ⊔ INLET AND PIPE PROTECTION
- ▨ EROSION CONTROL BLANKET
- ▨ RIPRAP
- ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
- ⊙ TREE PROTECTION
- TEMPORARY FENCES
- IF DRAINAGE STRUCTURE INLET FILTER

DANGERED SPECIES NOTES

ACCIDENTAL TRAPPING OF WILDLIFE IN CONSTRUCTION TRENCHES AND IN EROSION CONTROL BLANKET MUST BE AVOIDED.

- NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
- THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

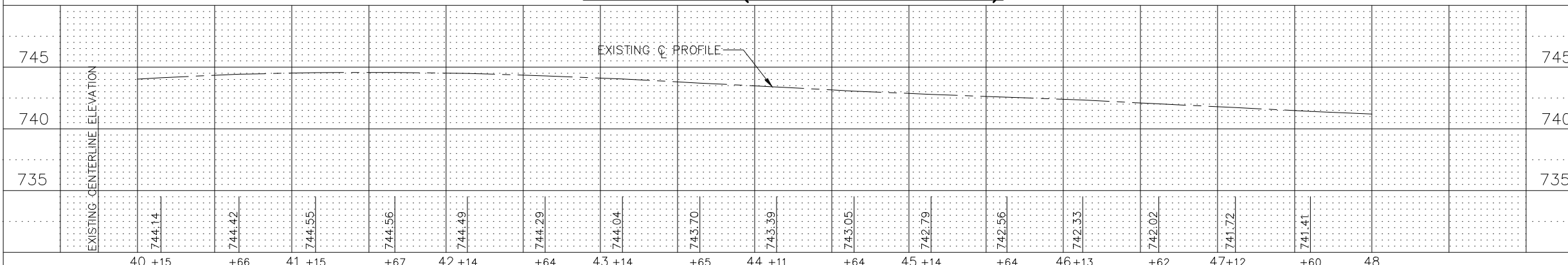
SEDIMENT & EROSION NOTES

- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
- ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
- STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

TREE PROTECTION NOTE

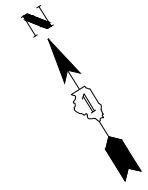
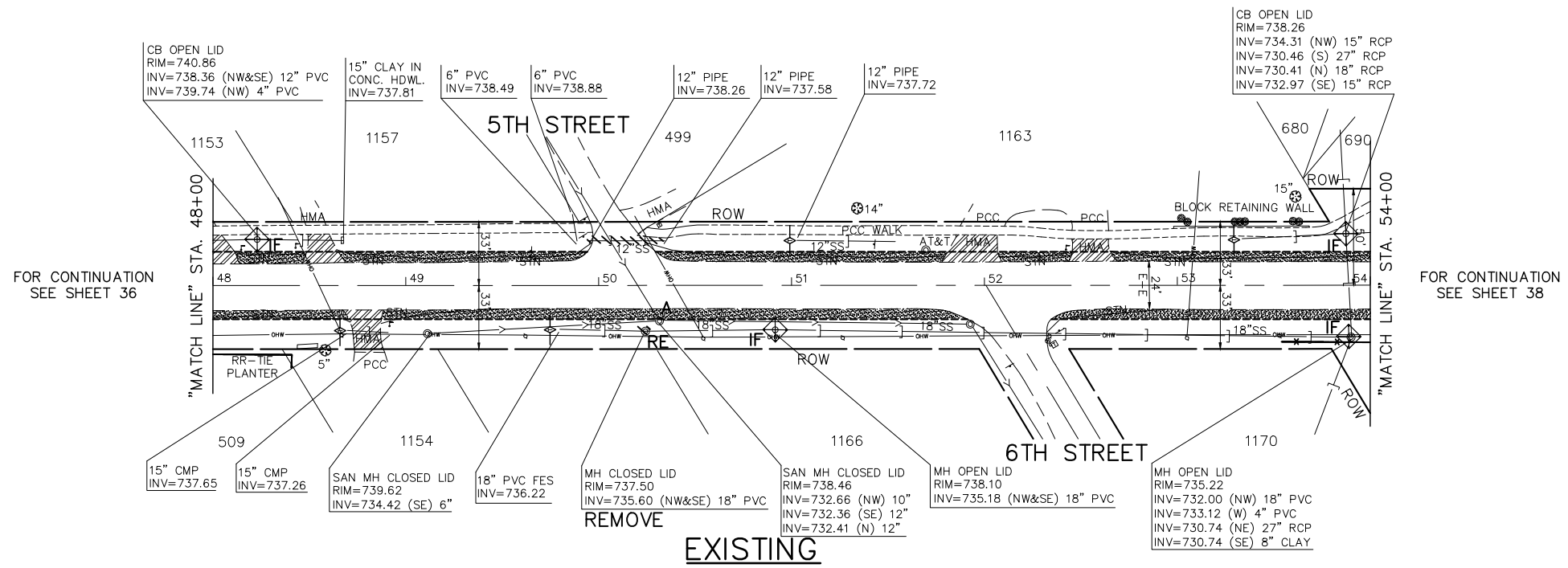
CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT-OF-WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

NOTE:
 SEE CROSS SECTIONS ON SHEET 78 FOR LOCATIONS OF PROPOSED DITCHING



FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-11-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 40+00 TO STA. 48+00 (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)	F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 36	
#19383 BICYCLE LANES	PLOT SCALE = H: 1"=40'; V: 1"=1'	CHECKED - THK	REVISED - 7-30-20 JLC		SCALE: AS NOTED	SHEET NO. OF SHEETS	ILLINOIS FED. AID PROJECT	7805 (279)	CONTRACT NO. 61G86		
	PLOT DATE =	DATE - 7-6-17	REVISED - 10-02-20 JLC			STA. TO STA.					
CONTRACT NO. 61G86 ILLINOIS FED. AID PROJECT 7805 (279)											

NOVOTNY ENGINEERING
 Willbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-000928



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
 0 IN FEET 40 80

- EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND**
- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
 - ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
 - "RE" DENOTES EXISTING REMOVING CATCH BASINS
 - ⌒ "RE" DENOTES EXISTING REMOVING END SECTIONS
 - "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
 - ⊙ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
 - ⊙ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

- PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND**
- PROPOSED STORM SEWER/CULVERT
 - PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
 - PROPOSED INLET
 - ⊙ PROPOSED RELOCATED FIRE HYDRANT
 - PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT

- EROSION CONTROL LEGEND**
- PERIMETER EROSION BARRIER
 - DITCH CHECK TEMPORARY
 - INLET AND PIPE PROTECTION
 - EROSION CONTROL BLANKET
 - RIPRAP
 - ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
 - ⊙ TREE PROTECTION
 - TEMPORARY FENCES
 - IF DRAINAGE STRUCTURE INLET FILTER

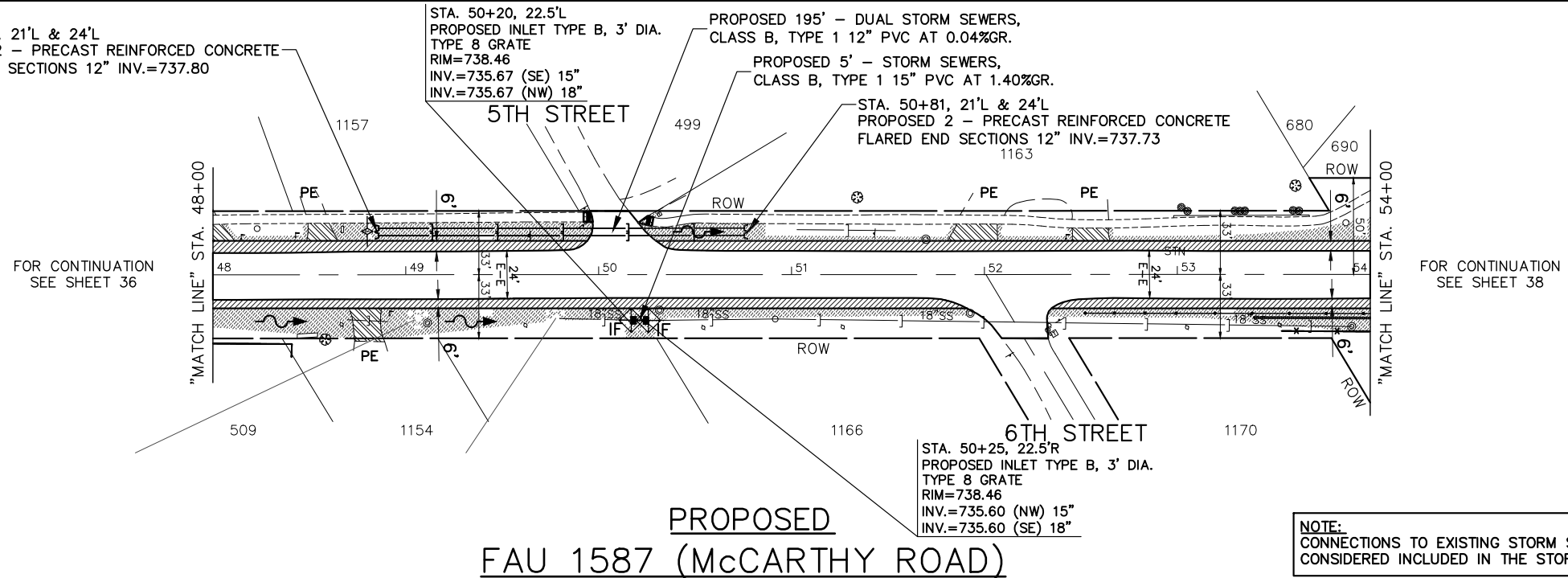
- ENDANGERED SPECIES NOTES**
- 1) NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
 - 2) THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

- SEDIMENT & EROSION NOTES**
- A. ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
 - B. ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
 - C. THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
 - D. NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
 - E. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
 - F. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
 - G. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

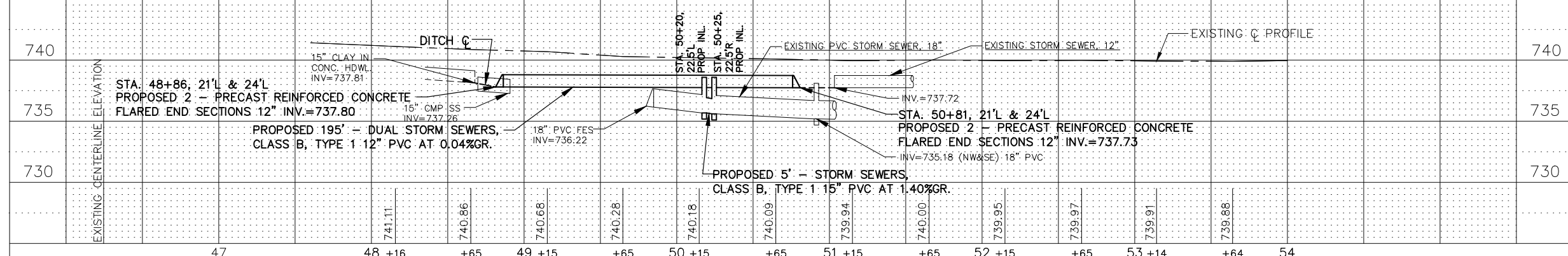
TREE PROTECTION NOTE

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.

NOTE:
 SEE CROSS SECTIONS ON SHEET 78 FOR LOCATIONS OF PROPOSED DITCHING



NOTE:
 CONNECTIONS TO EXISTING STORM SEWERS SHALL BE CONSIDERED INCLUDED IN THE STORM SEWER ITEM.



FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
#19383 BICYCLE LANES	PLOT SCALE = H: 1"=40'; V: 1"=1'	CHECKED - THK	REVISED - 7-30-20 JLC
	PLOT DATE =	DATE - 7-6-17	REVISED - 10-02-20 JLC

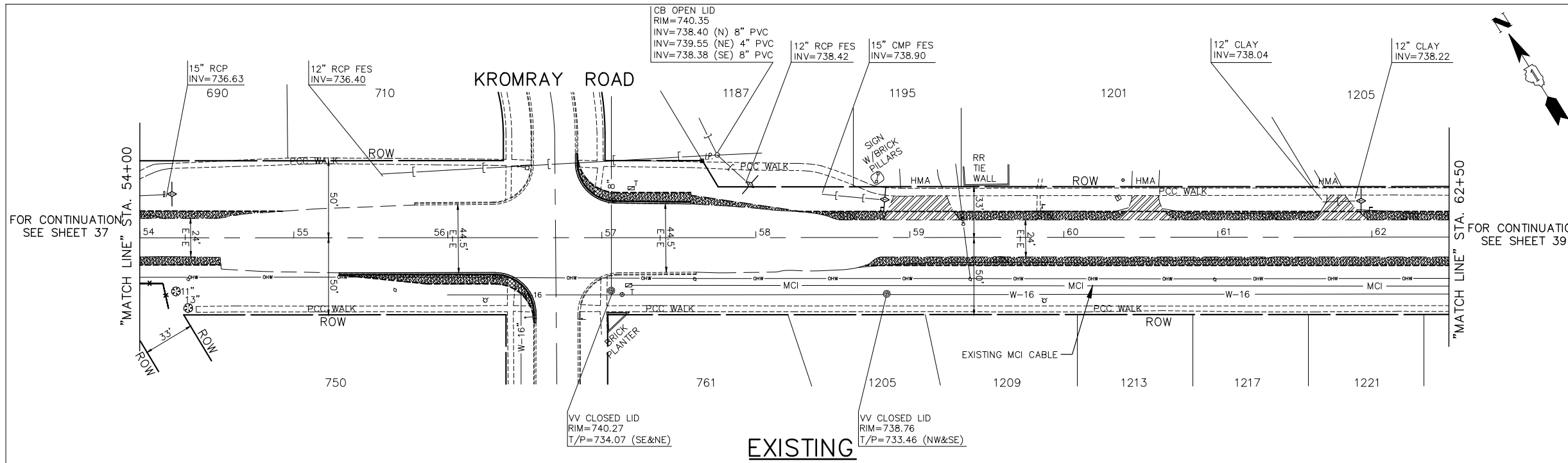
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 48+00 TO STA. 54+00
 (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

NOVOTNY ENGINEERING
 Willowsbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	37
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	7805 (279)



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

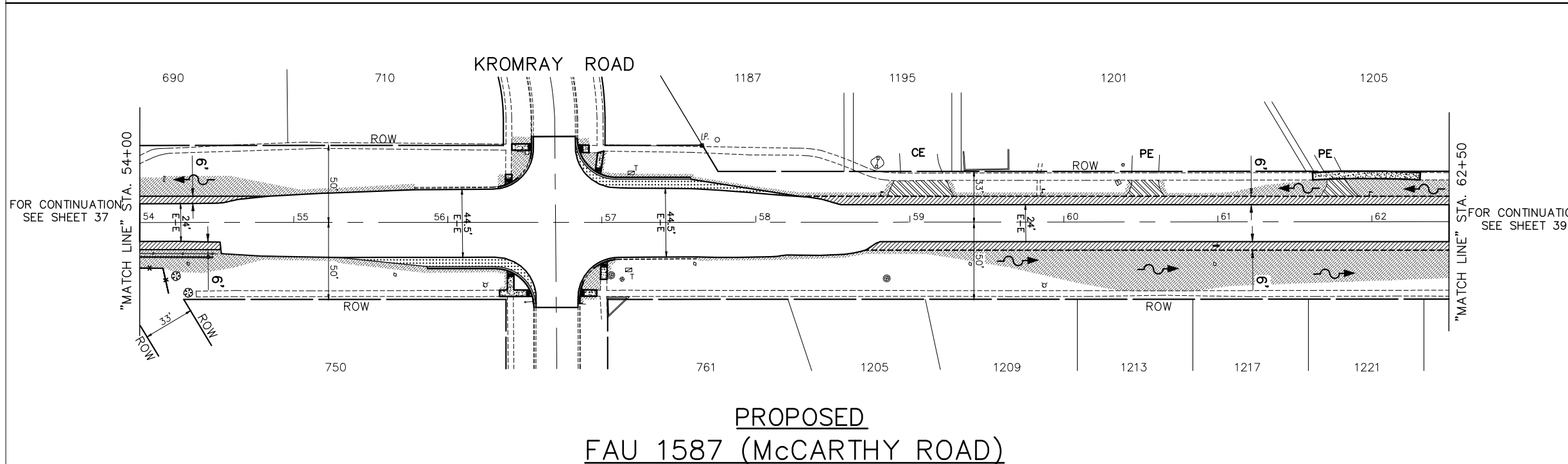
GRAPHIC SCALE
 0 40 80
 IN FEET

EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND

- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
- ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
- "RE" DENOTES EXISTING REMOVING CATCH BASINS
- ⊔ "RE" DENOTES EXISTING REMOVING END SECTIONS
- ⊙ "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
- ⊙ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
- ⊙ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- PROPOSED STORM SEWER/CULVERT
- PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
- PROPOSED INLET
- ⊙ PROPOSED RELOCATED FIRE HYDRANT
- PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- ⊙ INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET
- RIPRAP
- ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
- ⊙ TREE PROTECTION
- TEMPORARY FENCES
- IF DRAINAGE STRUCTURE INLET FILTER

DANGEROUS SPECIES NOTES

- ACCIDENTAL TRAPPING OF WILDLIFE IN CONSTRUCTION TRENCHES AND IN EROSION CONTROL BLANKET MUST BE AVOIDED.
- NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
- THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

SEDIMENT & EROSION NOTES

- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
- ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
- STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

TREE PROTECTION NOTE

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.

NOTE:
 SEE CROSS SECTIONS ON SHEET 78 FOR LOCATIONS OF PROPOSED DITCHING

EXISTING CENTERLINE ELEVATION	54+14	+64	55+14	+64	56+14	+70	57+15	+64	58+14	+65	59+14	+65	60+14	+64	61+14	+64	62+14
740	739.98	739.88	740.16	740.12	740.17	740.16	740.18	740.23	740.21	740.26	740.26	740.34	740.25	740.16	740.07	739.89	739.76

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-11-17
#19383 BICYCLE LANES	PLOT SCALE = H: 1" = 40'; V: 1" = 1'	CHECKED - THK	REVISED - 2-21-20 THK
	PLOT DATE =	DATE - 7-6-17	REVISED - 7-30-20 JLC
			REVISED - 10-02-20 JLC

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

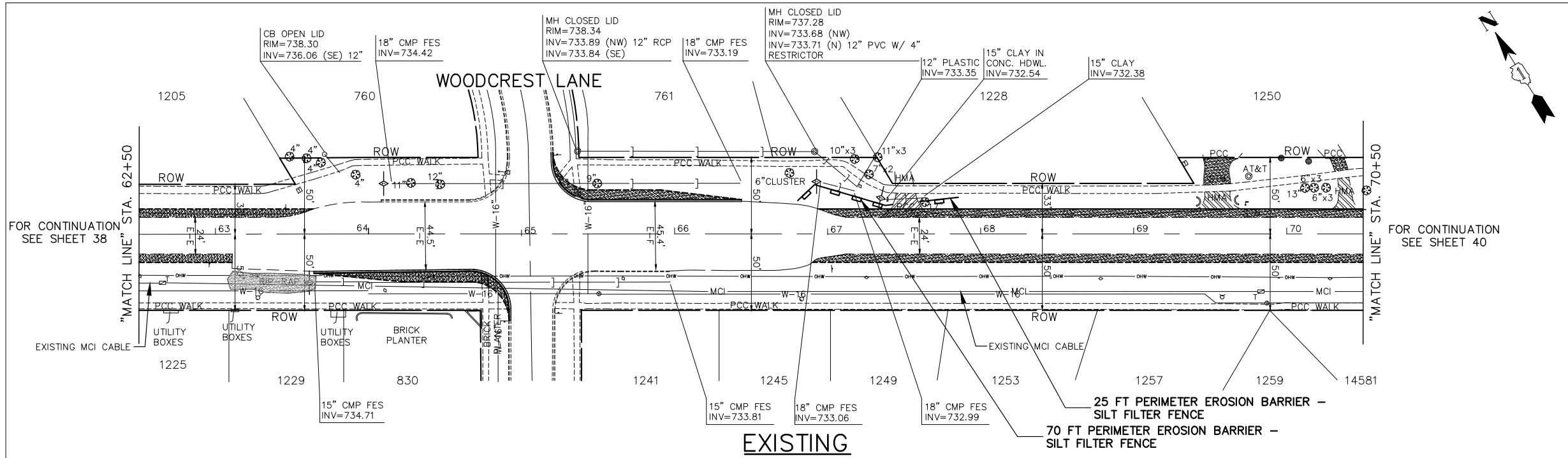
PLAN & PROFILE:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 54+00 TO STA. 62+50
 (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-009928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	38

CONTRACT NO. 61G86
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)



IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

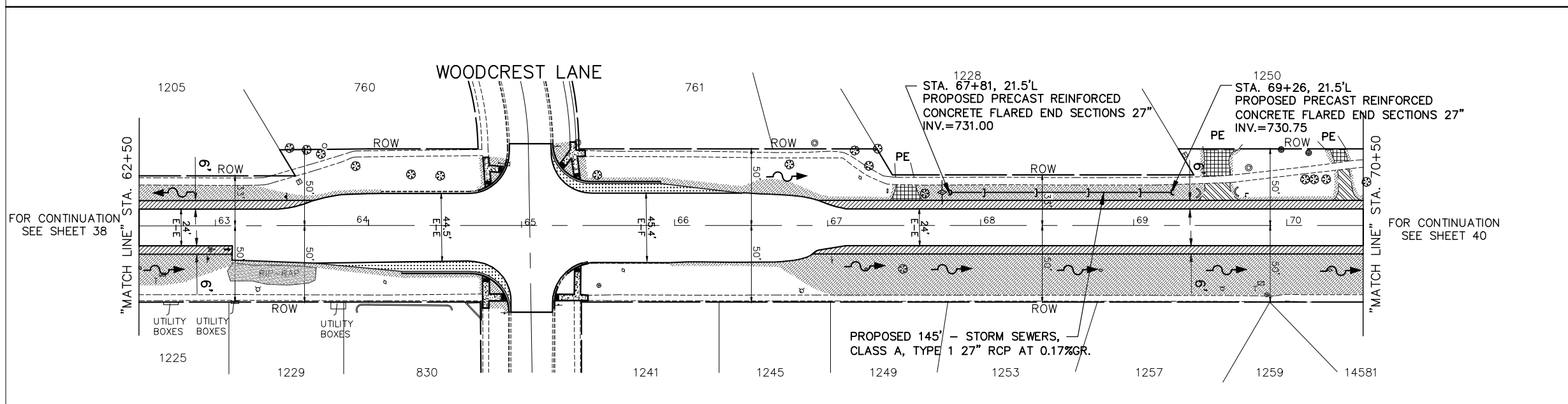
GRAPHIC SCALE
0 40 80
IN FEET

EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND

- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
- ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
- ⊖ "RE" DENOTES EXISTING REMOVING CATCH BASINS
- ⌒ "RE" DENOTES EXISTING REMOVING END SECTIONS
- ⊙ "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
- ⊙ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
- ⊙ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- PROPOSED STORM SEWER/CULVERT
- PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
- PROPOSED INLET
- ⊙ PROPOSED RELOCATED FIRE HYDRANT
- PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- ⊙ INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET
- RIPRAP
- ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
- ⊙ TREE PROTECTION
- TEMPORARY FENCES
- IF DRAINAGE STRUCTURE INLET FILTER

DANGERED SPECIES NOTES

ACCIDENTAL TRAPPING OF WILDLIFE IN CONSTRUCTION TRENCHES AND IN EROSION CONTROL BLANKET MUST BE AVOIDED.

- NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
- THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

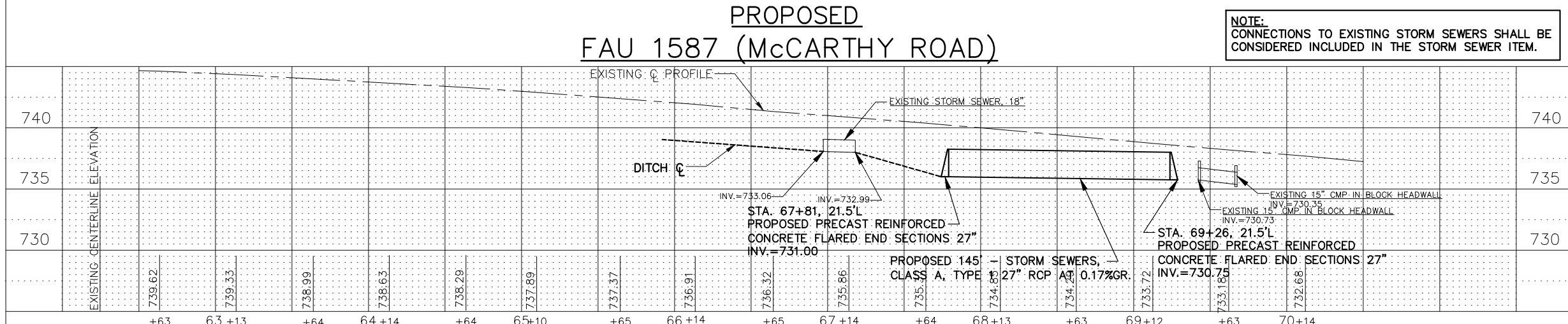
SEDIMENT & EROSION NOTES

- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
- ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
- STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

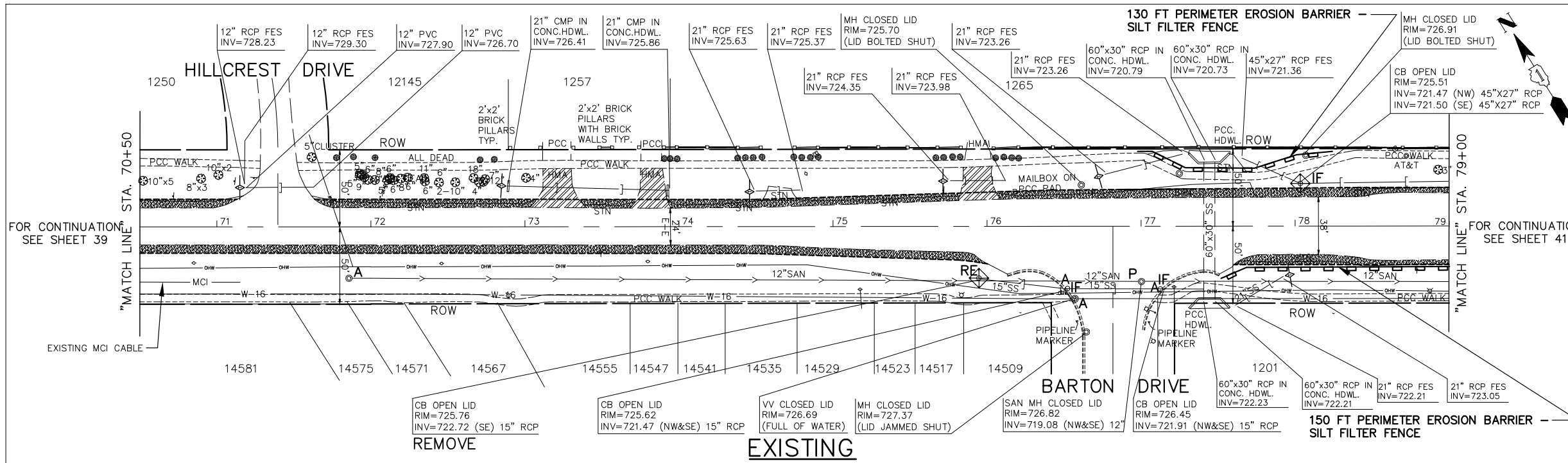
TREE PROTECTION NOTE

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.

NOTE:
SEE CROSS SECTIONS ON SHEET 78 FOR LOCATIONS OF PROPOSED DITCHING



FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-11-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 62+50 TO STA. 70+50 (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)	F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#19383 BICYCLE LANES	PLOT SCALE = H: 1" = 40'; V: 1" = 1'	CHECKED - THK	REVISED - 2-21-20 THK		SCALE: AS NOTED	1587	14-00052-00-BT	COOK	91	39
	PLOT DATE =	DATE - 7-6-17	REVISED - 7-30-20 JLC		SHEET NO. OF SHEETS	CONTRACT NO. 61G86				
			REVISED - 10-02-20 JLC		STA. TO STA.	ILLINOIS FED. AID PROJECT 7805 (279)				



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

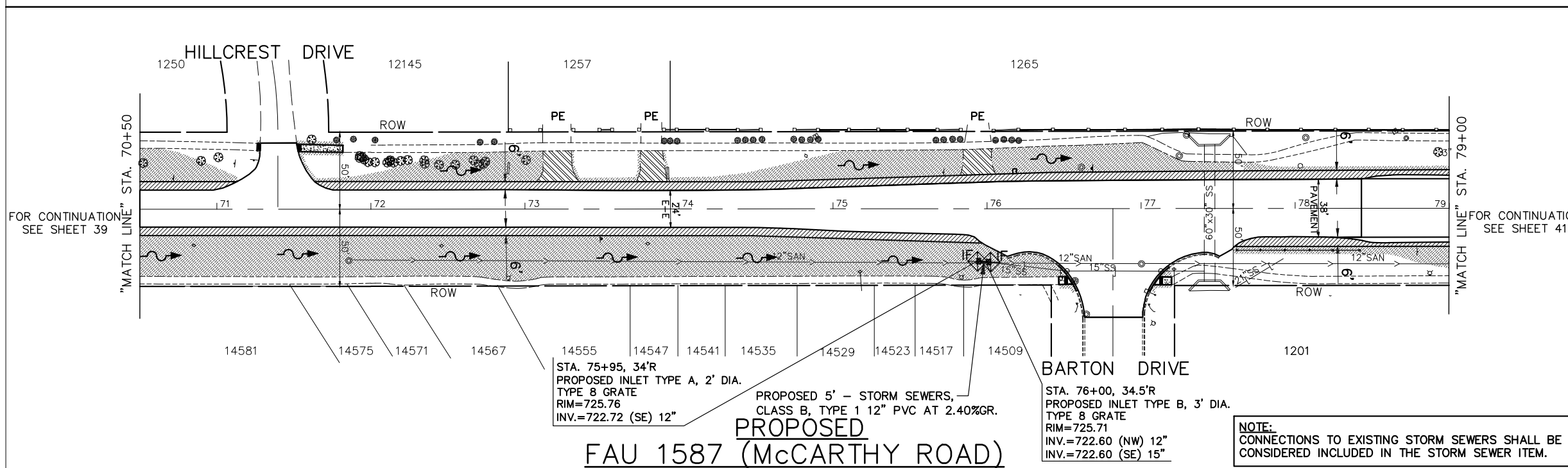
GRAPHIC SCALE
 0 40 80
 IN FEET

EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND

- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
- ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
- "RE" DENOTES EXISTING REMOVING CATCH BASINS
- ⌒ "RE" DENOTES EXISTING REMOVING END SECTIONS
- ⊖ "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
- ⊞ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
- ⊞ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- PROPOSED STORM SEWER/CULVERT
- ⌒ PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
- PROPOSED INLET
- ⊙ PROPOSED RELOCATED FIRE HYDRANT
- PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- ⊙ TREE PROTECTION
- ⊞ DITCH CHECK TEMPORARY
- TEMPORARY FENCES
- ⊞ INLET AND PIPE PROTECTION
- IF DRAINAGE STRUCTURE INLET FILTER
- EROSION CONTROL BLANKET
- RIPRAP
- ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)

DANGERED SPECIES NOTES

ACCIDENTAL TRAPPING OF WILDLIFE IN CONSTRUCTION TRENCHES AND IN EROSION CONTROL BLANKET MUST BE AVOIDED.

- NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
- THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

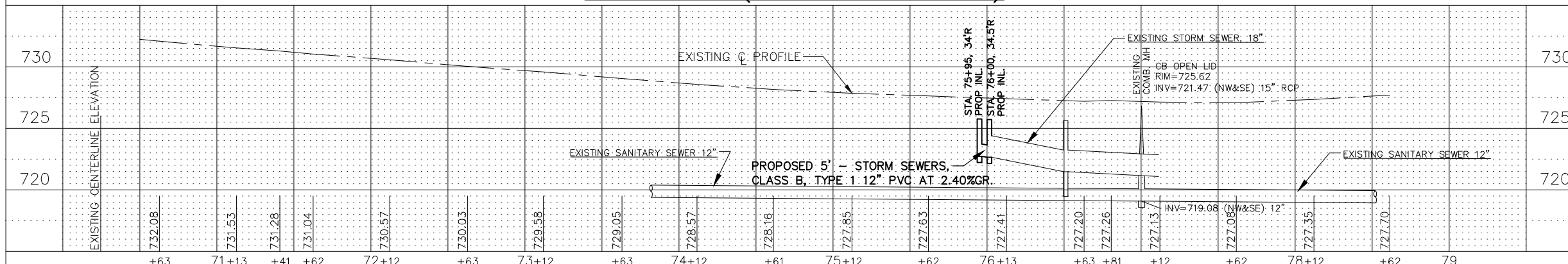
SEDIMENT & EROSION NOTES

- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
- ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
- STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

TREE PROTECTION NOTE

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.

NOTE:
 SEE CROSS SECTIONS ON SHEET 78 FOR LOCATIONS OF PROPOSED DITCHING



FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BICYCLE LANES

USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
PLOT SCALE = H: 1" = 40'; V: 1" = 1'	DRAWN - JFP	REVISED - 7-30-20 JLC
PLOT DATE =	CHECKED - THK	REVISED - 10-02-20 JLC
	DATE - 7-6-17	REVISED -

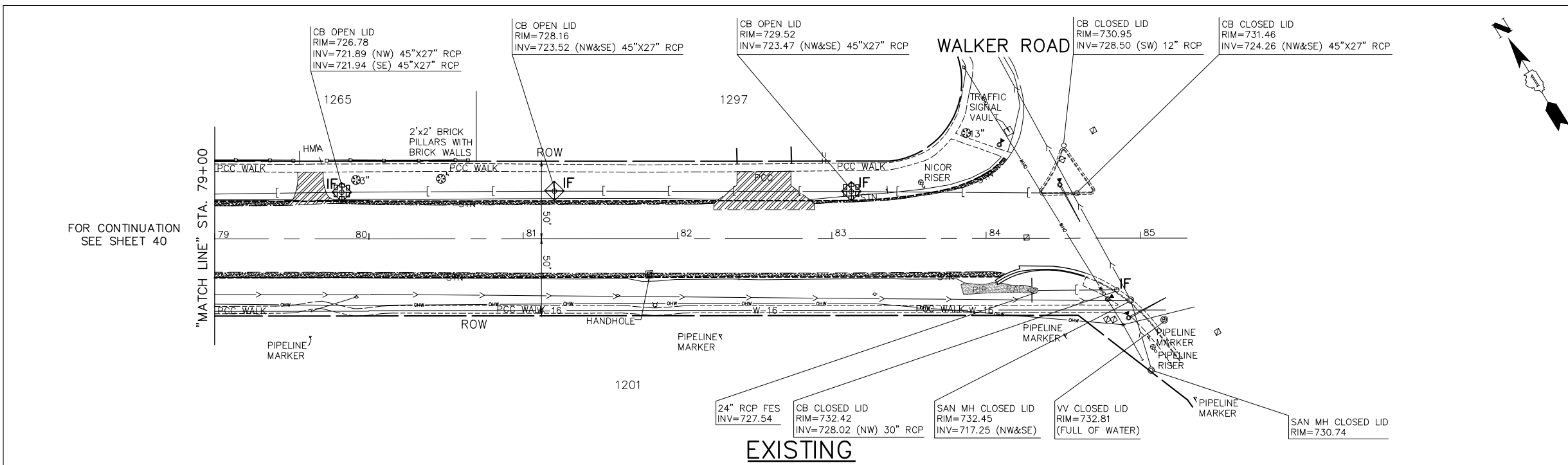
STATE OF ILLINOIS 77
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 70+50 TO STA. 79+00
 (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

NOVOTNY ENGINEERING
 Willbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	40
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	7805 (279)		



IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
0 40 80
IN FEET

EXISTING GRADING, DRAINAGE, AND UTILITY LEGEND

- DENOTES STORM SEWER REMOVAL/CULVERT REMOVAL LENGTH AS NOTED
- ⊙ "RE" DENOTES EXISTING REMOVING MANHOLES
- "RE" DENOTES EXISTING REMOVING CATCH BASINS
- ⌈ "RE" DENOTES EXISTING REMOVING END SECTIONS
- "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
- ⊠ "A" DENOTES EXISTING HANDHOLE TO BE ADJUSTED
- ⊠ "P" DENOTES EXISTING FRAMES AND LIDS TO BE ADJUSTED

PROPOSED GRADING, DRAINAGE, AND UTILITY LEGEND

- PROPOSED STORM SEWER/CULVERT
- PROPOSED PRECAST REINFORCED CONCRETE FLARED END SECTIONS OR METAL FLARED END SECTIONS (AS NOTED)
- PROPOSED INLET
- PROPOSED RELOCATED FIRE HYDRANT
- PROPOSED TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- ⊠ INLET AND PIPE PROTECTION
- EROSION CONTROL BLANKET
- EXISTING RIPRAP
- ROADWAY DITCH FLOW (IN PROPOSED DITCHING LOCATIONS)
- ⊙ TREE PROTECTION
- xxx— TEMPORARY FENCES
- IF DRAINAGE STRUCTURE INLET FILTER

ENDANGERED SPECIES NOTES

- ACCIDENTAL TRAPPING OF WILDLIFE IN CONSTRUCTION TRENCHES AND IN EROSION CONTROL BLANKET MUST BE AVOIDED.
- NO CONSTRUCTION PITS OR TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
- THE CONSTRUCTION WORK AREAS SHALL BE INSPECTED EACH MORNING PRIOR TO START OF WORK TO ENSURE THAT THERE IS NO WILDLIFE ENTRAPMENT.

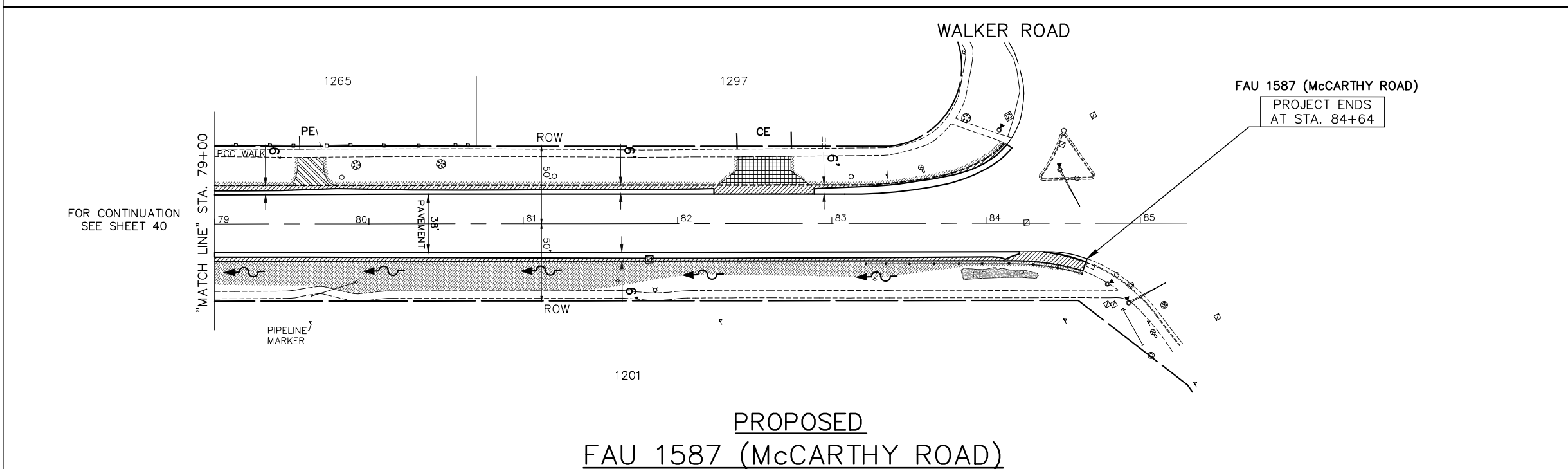
SEDIMENT & EROSION NOTES

- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE. ALL EROSION CONTROL ITEMS SHALL BE MAINTAINED THROUGHOUT THE PROJECT DURATION AND UNTIL ALL AREAS ARE PERMANENTLY STABILIZED. THE SILT FENCE SHALL BE INSPECTED IMMEDIATELY AND SEDIMENTS SHOULD BE REMOVED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THE SILT FENCE FABRIC SHOULD BE REPLACED IF IT BECOMES INEFFECTIVE BEFORE GROUND HAS BECOME PERMANENTLY STABILIZED.
- ANY SOIL, MUD OR DEBRIS THAT IS WASHED, TRACKED OR DEPOSITED ONTO THE STREET SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- NO STOCKPILES SHALL BE STORED ON SITE. EXCESS EARTH SHALL BE REMOVED UPON EXCAVATION.
- STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.

TREE PROTECTION NOTE

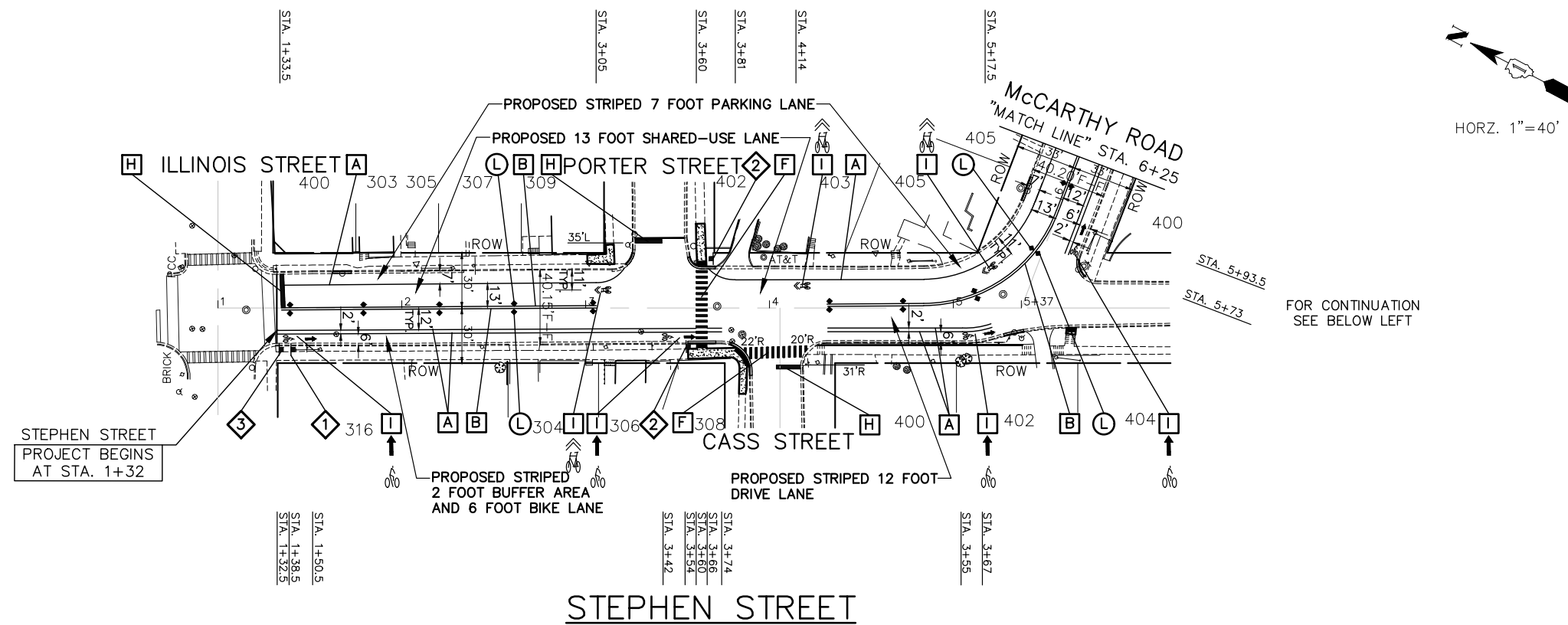
CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT-OF-WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

NOTE:
SEE CROSS SECTIONS ON SHEET 78 FOR LOCATIONS OF PROPOSED DITCHING

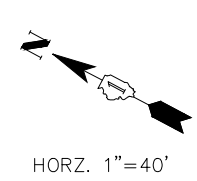


EXISTING CENTERLINE ELEVATION	79+11	+62	80+11	+62	81+12	+62	82+11	+61	83+11	+62	84+12	+62	+9285+12	
730	727.98	728.37	728.77	729.19	729.58	729.89	730.32	730.64	731.01	731.49	731.83	732.29	732.76	732.96

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME = DRAWN - JFP CHECKED - THK PLOT DATE =	DESIGNED - JLC REVISIONS: 2-21-20 THK 7-30-20 JLC 10-02-20 JLC 7-6-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 79+00 TO CH500JSW (WALKER ROAD) (DRAINAGE, UTILITIES, LANDSCAPE, AND EROSION CONTROL)	F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO. 1587 14-00052-00-BT COOK 91 41 CONTRACT NO. 61G86 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)
--	--	--	---	---	--



STEPHEN STREET

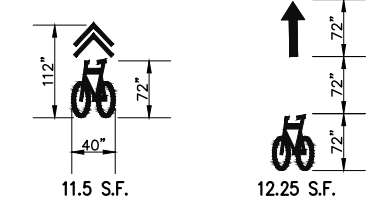


IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

GRAPHIC SCALE
 IN FEET
 0 40 80

THERMOPLASTIC PAVEMENT MARKING CODE

- A** EDGE/PARKING LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- B** CENTERLINE - (DOUBLE YELLOW, 11" O/C)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- C** TURN LANE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- D** LANE LINE - (WHITE, 2' DASH 6' SKIP, FIRST & LAST DASH 4')
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- E** RESERVED
- F** SCHOOL CROSSWALK LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- G** CHANNELIZATION DIAGONAL LINE - (YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- H** STOP BAR - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- I** LETTERS AND SYMBOLS - (WHITE)
THERMOPLASTIC PAVEMENT MARKING
- J** CENTERLINE - (YELLOW, 10' DASH 30' SKIP) OR CENTERLINE - (SINGLE YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- K** EDGE LINE PAVEMENT MARKING REMOVAL AND EDGE LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- L** PROPOSED MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (SHARED LANE MARKING SIZES)



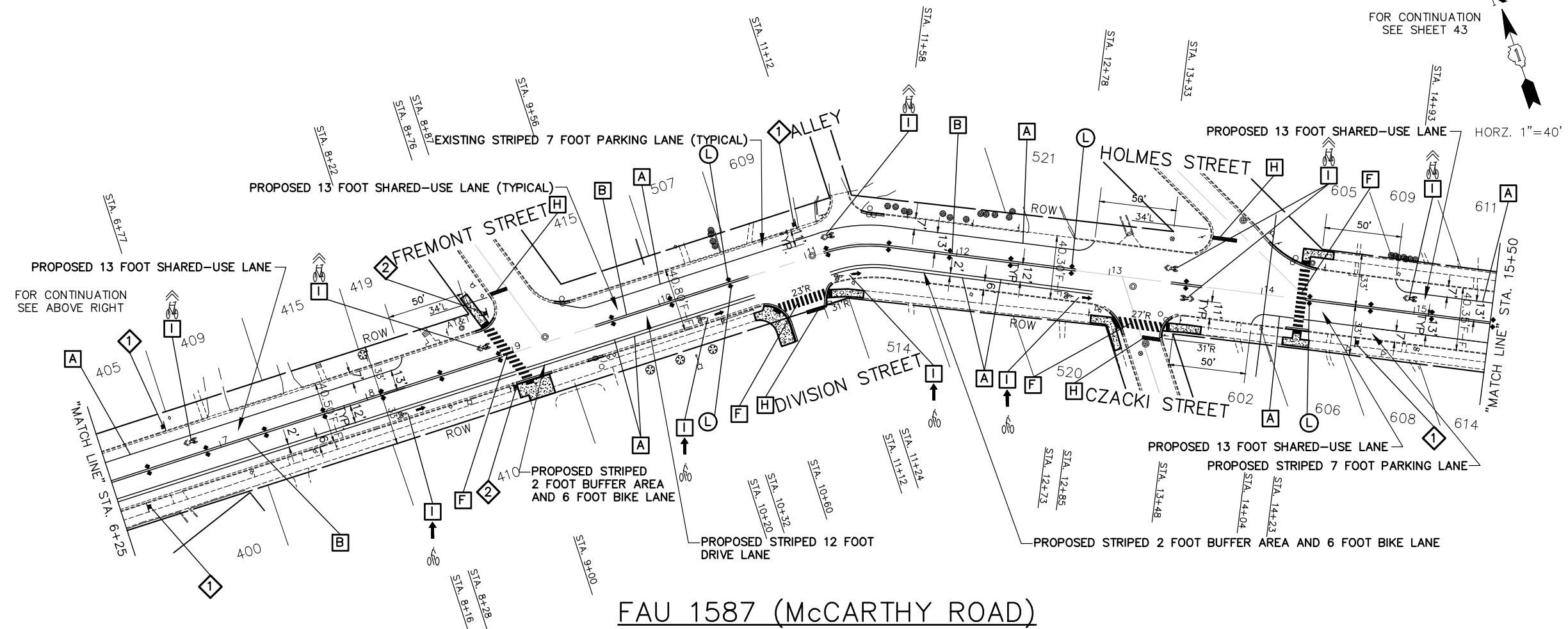
REFLECTIVE PAVEMENT MARKERS

- L** RECESSED REFLECTIVE PAVEMENT MARKERS - 40' O/C OR AS SHOWN
 - ◆ TWO-WAY AMBER MARKER
 - ▲ ONE-WAY AMBER MARKER
 - ▽ ONE-WAY CRYSTAL MARKER
 - ◊ TWO-WAY BLUE MARKER

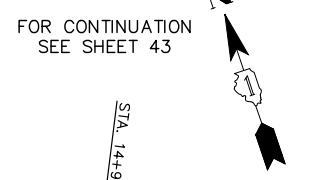


NOTE:
 SHORT-TERM PAVEMENT MARKING IS PROPOSED ON THE MILLED PAVEMENT, NEW BINDER AND ON THE NEW SURFACE. SEE ARTICLE 703.04 OF THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

NOTE:
 PROPOSED CENTERLINE - (DOUBLE YELLOW, 11" O/C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (NOTE: (B)) IS MEASURED PER LINE. TOTAL QUANTITY AND PAYMENT LENGTH IS FOR EACH LINEAR FOOT OF SINGLE 4" STRIPE INSTALLED.



FAU 1587 (McCARTHY ROAD)



FOR CONTINUATION SEE ABOVE RIGHT

FOR CONTINUATION SEE BELOW LEFT

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 2-21-20 THK
PLLOT SCALE = H: 1"=40'; V: 1"=10'	CHECKED - THK	REVISOR - JFP	REVISED - 10-02-20 JLC
PLLOT DATE =	DATE - 7-6-17	REVISOR - THK	REVISED - 10-26-20 JLC
		REVISOR - JLC	REVISED - 11-04-20 JLC

PLAN: FAU 1587 (McCARTHY ROAD)/STEPHEN STREET-(BIKE LANES) FAU 1065 (ILLINOIS ST.) TO STA. 15+50 (EXISTING AND PROPOSED PAVEMENT MARKING PLAN)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
---	-----------------	---------------------	--------------

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK
 STA. 1+32 TO STA. 24+20
 SEE SHEET 9

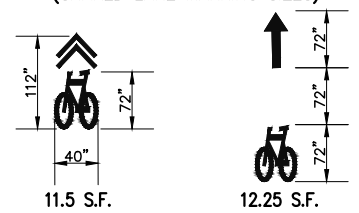
NOVOTNY ENGINEERING Willowbrook, IL 60527 T: (630) 887.8640 F: (630) 887.0132 Illinois Professional Design Firm No. 184-00928	F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 42
CONTRACT NO. 61G86					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 7805 (279)					

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



THERMOPLASTIC PAVEMENT MARKING CODE

- A** EDGE/PARKING LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- B** CENTERLINE - (DOUBLE YELLOW, 11"O/C)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- C** TURN LANE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- D** LANE LINE - (WHITE, 2' DASH 6' SKIP, FIRST & LAST DASH 4')
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- E** RESERVED
- F** SCHOOL CROSSWALK LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- G** CHANNELIZATION DIAGONAL LINE - (YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- H** STOP BAR - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- I** LETTERS AND SYMBOLS - (WHITE)
THERMOPLASTIC PAVEMENT MARKING
- J** CENTERLINE - (YELLOW, 10' DASH 30' SKIP) OR CENTERLINE - (SINGLE YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- K** EDGE LINE PAVEMENT MARKING REMOVAL AND EDGE LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- I** PROPOSED MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (SHARED LANE MARKING SIZES)



REFLECTIVE PAVEMENT MARKERS

- L** RECESSED REFLECTIVE PAVEMENT MARKERS - 40' O/C OR AS SHOWN
 - ◆ TWO-WAY AMBER MARKER
 - ▲ ONE-WAY AMBER MARKER
 - ▽ ONE-WAY CRYSTAL MARKER
 - ◊ TWO-WAY BLUE MARKER



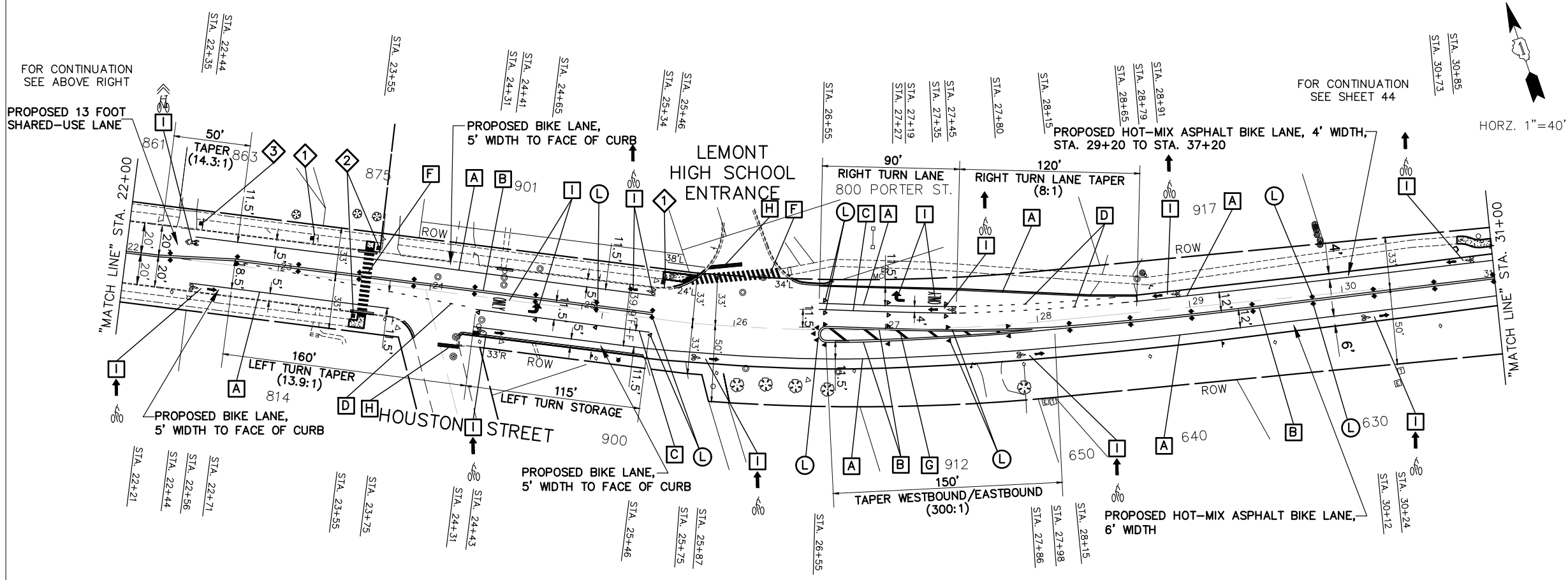
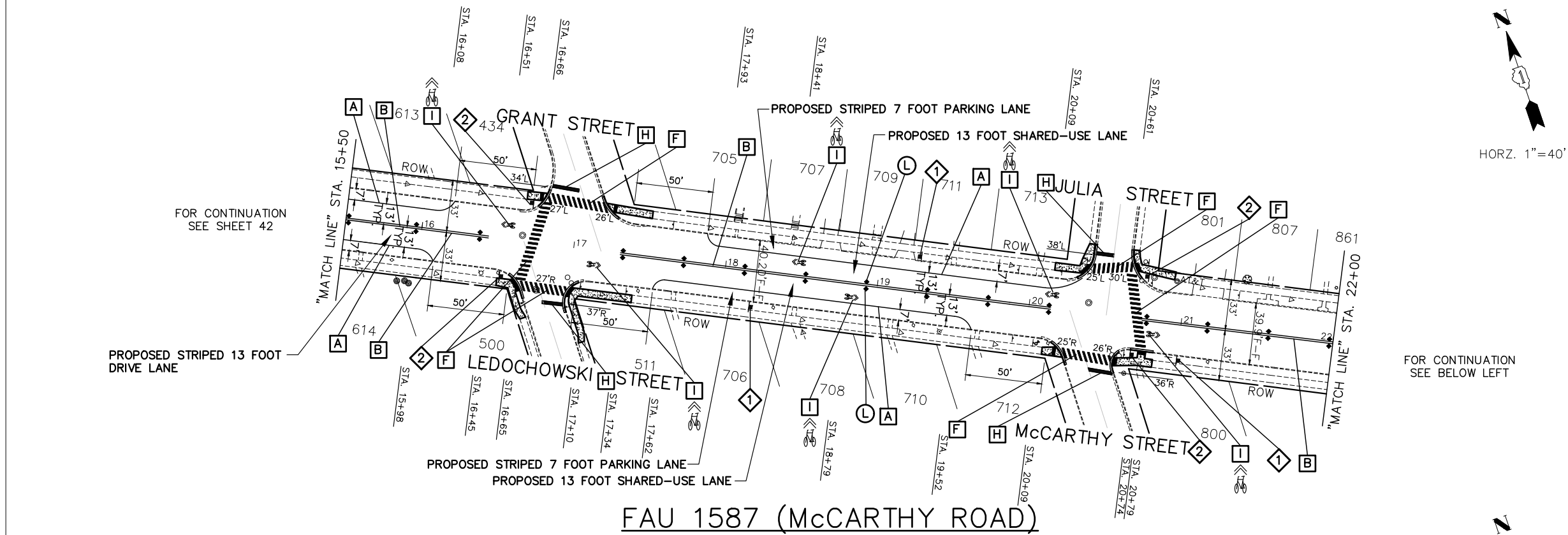
NOTE: SHORT-TERM PAVEMENT MARKING IS PROPOSED ON THE MILLED PAVEMENT, NEW BINDER AND ON THE NEW SURFACE. SEE ARTICLE 703.04 OF THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

NOTE: PROPOSED CENTERLINE - (DOUBLE YELLOW, 11"O/C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (NOTE: (B)) IS MEASURED PER LINE. TOTAL QUANTITY AND PAYMENT LENGTH IS FOR EACH LINEAR FOOT OF SINGLE 4" STRIPE INSTALLED.

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 1+32 TO STA. 24+20 SEE SHEET 9

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 24+20 TO STA. 78+43 SEE SHEET 10

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



FAU 1587 (McCarthy Road)

FILE NAME: FAU 1587 (McCarthy Road)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BICYCLE LANES

USER NAME =
 DESIGNED - JLC
 DRAWN - JFP
 PLOT SCALE = H: 1" = 40'; V: 1" = 1'
 CHECKED - THK
 DATE - 7-6-17

DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17

REVISED - 2-21-20 THK
 REVISED - 10-02-20 JLC
 REVISED - 10-26-20 JLC
 REVISED - 11-04-20 JLC

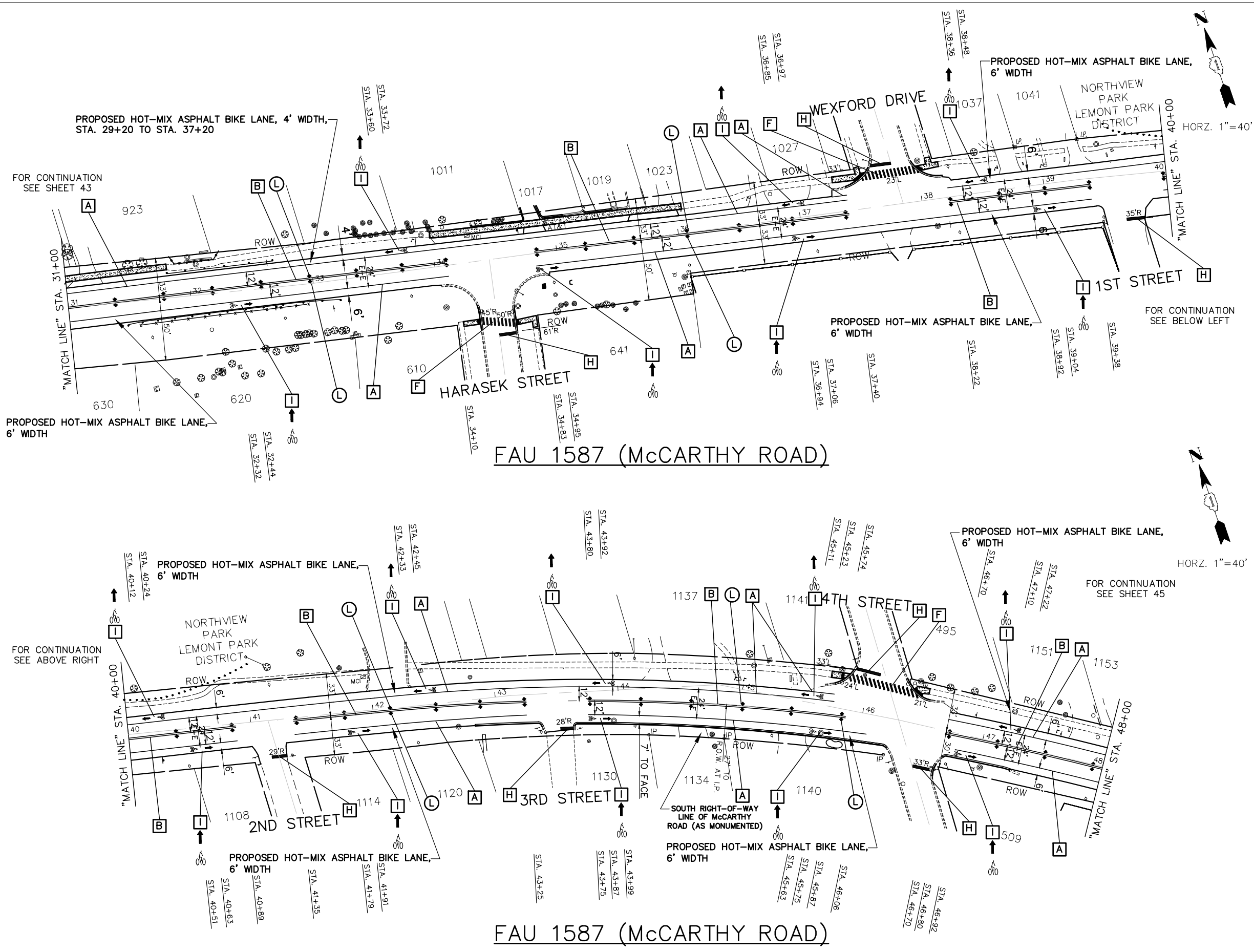
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCarthy Road) - (BIKE LANES) STA. 15+50 TO STA. 31+00
 (EXISTING AND PROPOSED PAVEMENT MARKING PLAN)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. 6+25 TO STA. 15+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	43
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			7805 (279)	

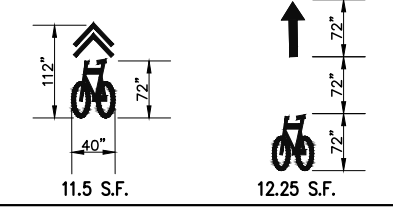
CONTRACT NO. 61G86



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.
 GRAPHIC SCALE
 IN FEET
 0 40 80
 HORZ. 1"=40'

THERMOPLASTIC PAVEMENT MARKING CODE

- A** EDGE/PARKING LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- B** CENTERLINE - (DOUBLE YELLOW, 11"O/C)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- C** TURN LANE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- D** LANE LINE - (WHITE, 2' DASH 6' SKIP, FIRST & LAST DASH 4')
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- E** RESERVED
- F** SCHOOL CROSSWALK LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- G** CHANNELIZATION DIAGONAL LINE - (YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- H** STOP BAR - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- I** LETTERS AND SYMBOLS - (WHITE)
THERMOPLASTIC PAVEMENT MARKING
- J** CENTERLINE - (YELLOW, 10' DASH 30' SKIP) OR CENTERLINE - (SINGLE YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- K** EDGE LINE PAVEMENT MARKING REMOVAL AND EDGE LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- I** PROPOSED MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (SHARED LANE MARKING SIZES)



REFLECTIVE PAVEMENT MARKERS

- L** RECESSED REFLECTIVE PAVEMENT MARKERS - 40' O/C OR AS SHOWN
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ▽ ONE-WAY CRYSTAL MARKER
 - ◄ TWO-WAY BLUE MARKER



NOTE:
 SHORT-TERM PAVEMENT MARKING IS PROPOSED ON THE MILLED PAVEMENT, NEW BINDER AND ON THE NEW SURFACE. SEE ARTICLE 703.04 OF THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
NOTE:
 PROPOSED CENTERLINE - (DOUBLE YELLOW, 11"O/C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (NOTE: (B)) IS MEASURED PER LINE. TOTAL QUANTITY AND PAYMENT LENGTH IS FOR EACH LINEAR FOOT OF SINGLE 4" STRIPE INSTALLED.

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK
 STA. 24+20 TO STA. 78+43
 SEE SHEET 10

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

FILE NAME
 FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BICYCLE LANES

USER NAME =
 PLOT SCALE = H: 1"=40'; V: 1"=1'
 PLOT DATE =

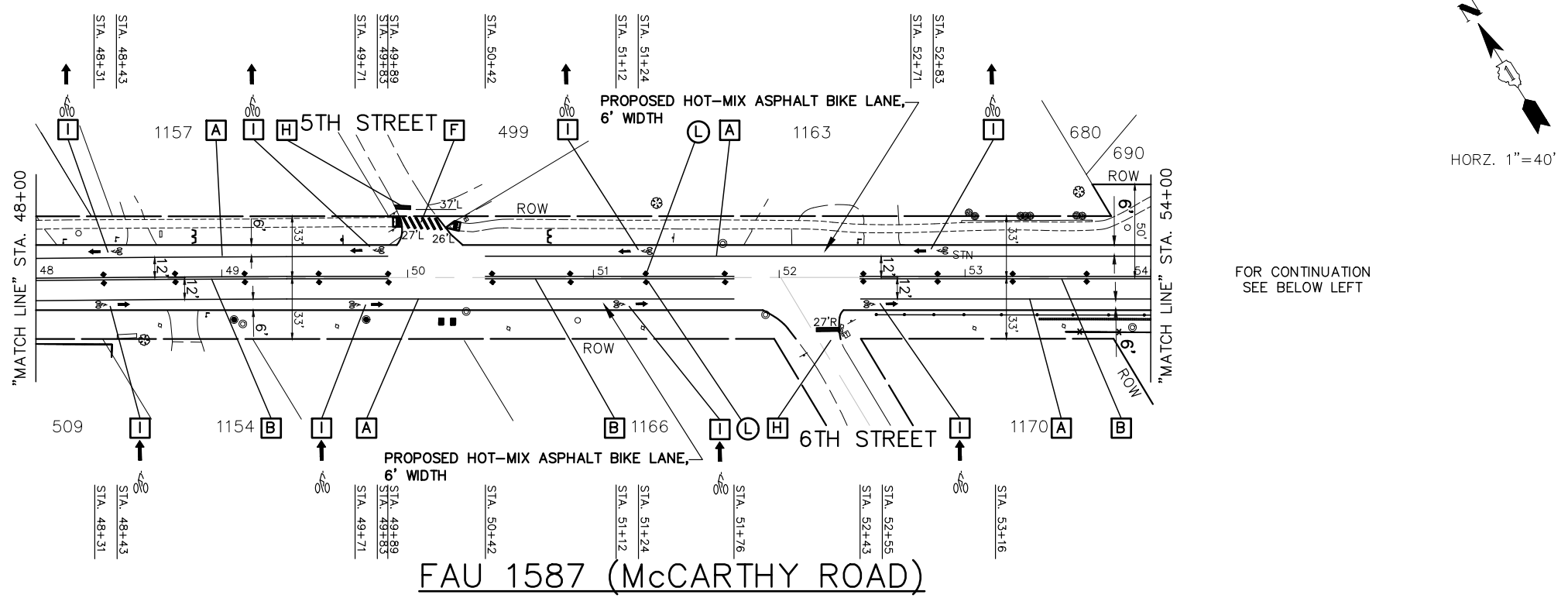
DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17

REVISED - 2-21-20 THK
 REVISED - 10-02-20 JLC
 REVISED - 10-26-20 JLC
 REVISED - 11-04-20 JLC

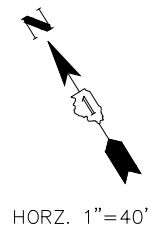
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 31+00 TO STA. 48+00
 (EXISTING AND PROPOSED PAVEMENT MARKING PLAN)
 SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	44
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			7805 (279)	



FAU 1587 (McCarthy Road)

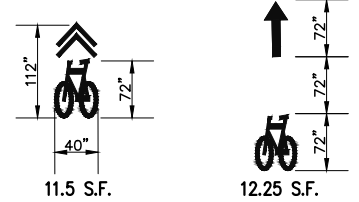


IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



THERMOPLASTIC PAVEMENT MARKING CODE

- A EDGE/PARKING LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- B CENTERLINE - (DOUBLE YELLOW, 11"O/C)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- C TURN LANE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- D LANE LINE - (WHITE, 2' DASH 6' SKIP, FIRST & LAST DASH 4')
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- E RESERVED
- F SCHOOL CROSSWALK LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- G CHANNELIZATION DIAGONAL LINE - (YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- H STOP BAR - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- I LETTERS AND SYMBOLS - (WHITE)
THERMOPLASTIC PAVEMENT MARKING
- J CENTERLINE - (YELLOW, 10' DASH 30' SKIP) OR CENTERLINE - (SINGLE YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- K EDGE LINE PAVEMENT MARKING REMOVAL AND EDGE LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- I PROPOSED MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (SHARED LANE MARKING SIZES)



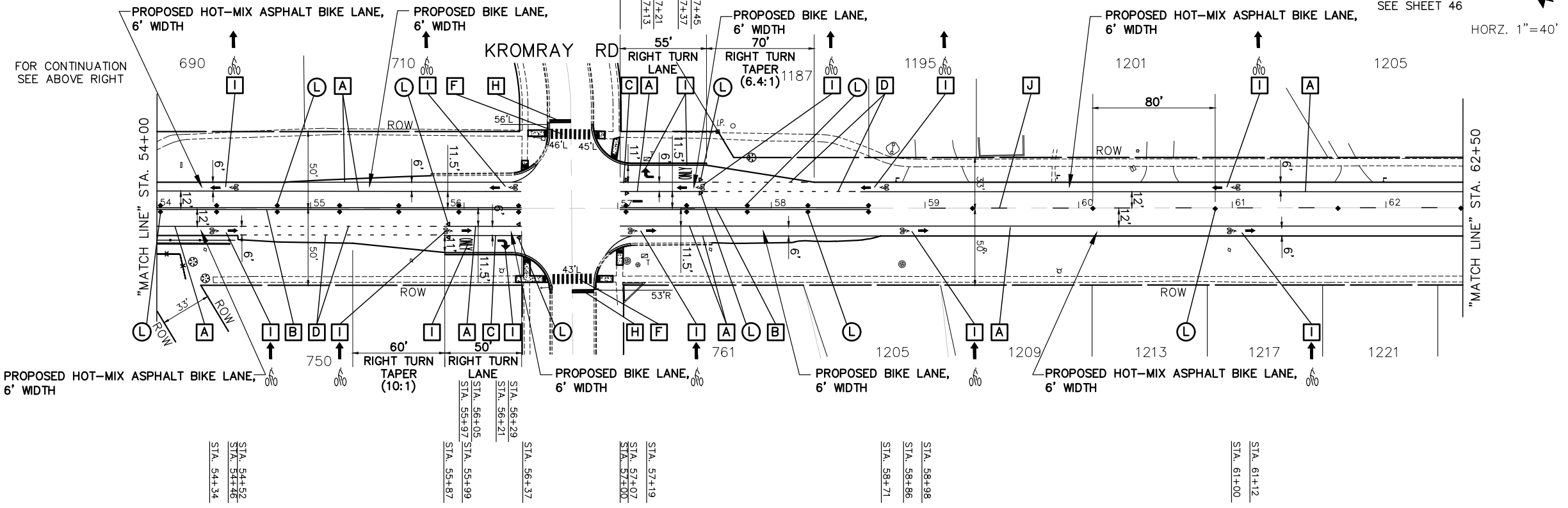
REFLECTIVE PAVEMENT MARKERS

- L RECESSED REFLECTIVE PAVEMENT MARKERS - 40' O/C OR AS SHOWN
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ▽ ONE-WAY CRYSTAL MARKER
 - ◄ TWO-WAY BLUE MARKER

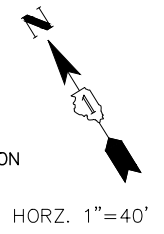


NOTE:
 SHORT-TERM PAVEMENT MARKING IS PROPOSED ON THE MILLED PAVEMENT, NEW BINDER AND ON THE NEW SURFACE. SEE ARTICLE 703.04 OF THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
NOTE:
 PROPOSED CENTERLINE - (DOUBLE YELLOW, 11"O/C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (NOTE: (B)) IS MEASURED PER LINE. TOTAL QUANTITY AND PAYMENT LENGTH IS FOR EACH LINEAR FOOT OF SINGLE 4" STRIPE INSTALLED.

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK
 STA. 24+20 TO STA. 78+43
 SEE SHEET 10



FAU 1587 (McCarthy Road)



FOR CONTINUATION
 SEE SHEET 44

FOR CONTINUATION
 SEE BELOW LEFT

FOR CONTINUATION
 SEE ABOVE RIGHT

FOR CONTINUATION
 SEE SHEET 46

FILE NAME
 FAU 1587 (McCarthy Road)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BICYCLE LANES

USER NAME =
 PLOT SCALE = H: 1"=40'; V: 1"=1'
 PLOT DATE =

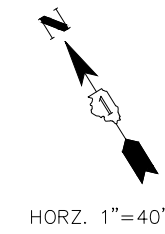
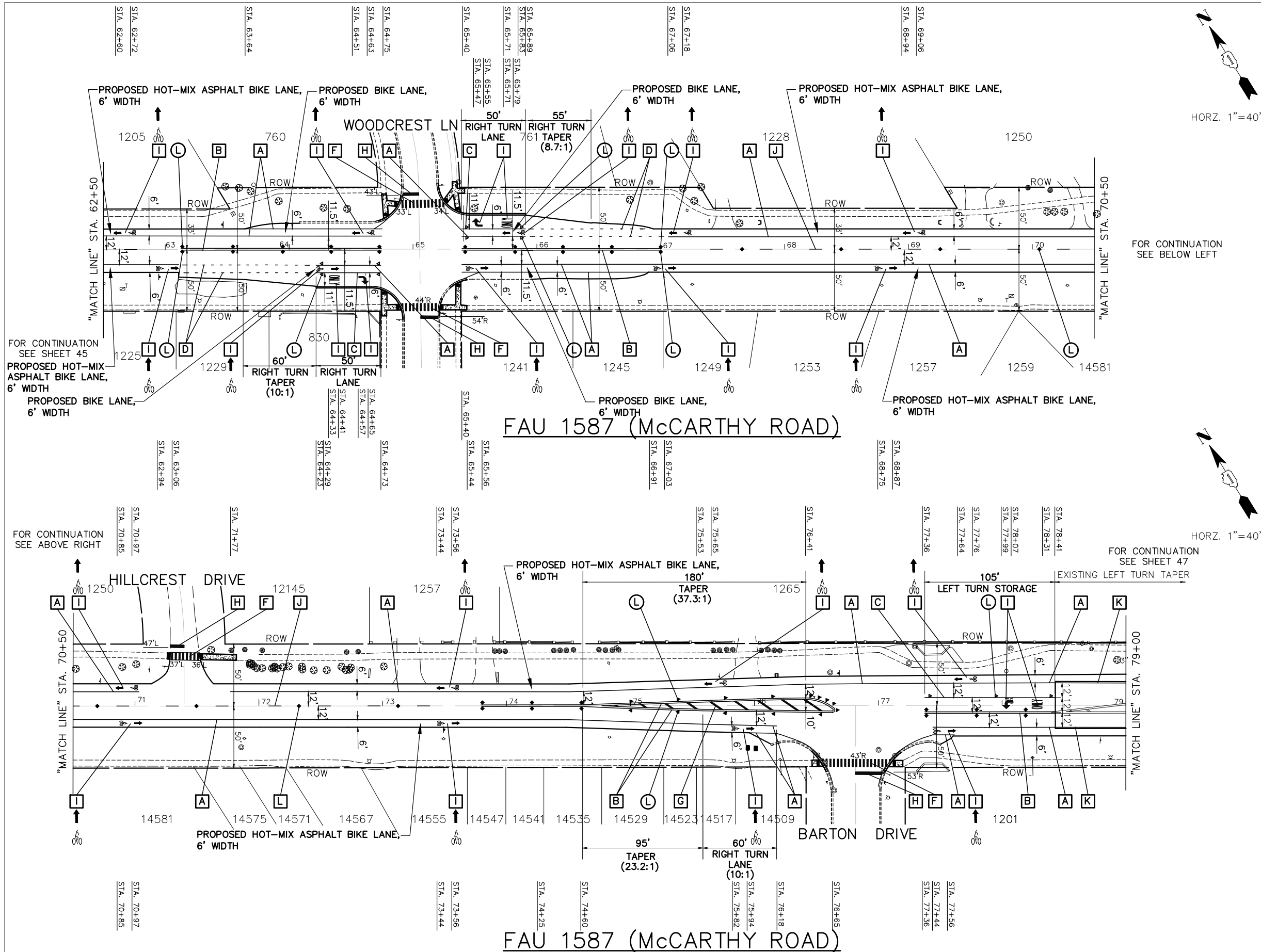
DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17

REVISED - 7-11-17
 REVISED - 8-04-17
 REVISED - 2-21-20 THK
 REVISED - 10-02-20 JLC
 10-26-20 JLC

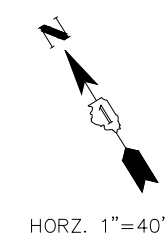
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN:
 FAU 1587 (McCarthy Road) - (BIKE LANES) STA. 48+00 TO STA. 62+50
 (EXISTING AND PROPOSED PAVEMENT MARKING PLAN)
 SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	45
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	7805 (279)	



HORZ. 1"=40'



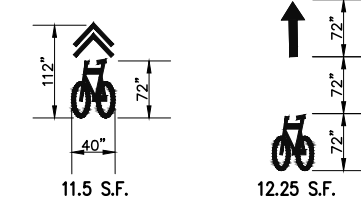
HORZ. 1"=40'

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



THERMOPLASTIC PAVEMENT MARKING CODE

- A EDGE/PARKING LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- B CENTERLINE - (DOUBLE YELLOW, 11"O/C)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- C TURN LANE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- D LANE LINE - (WHITE, 2" DASH 6' SKIP, FIRST & LAST DASH 4")
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- E RESERVED
- F SCHOOL CROSSWALK LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- G CHANNELIZATION DIAGONAL LINE - (YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- H STOP BAR - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- I LETTERS AND SYMBOLS - (WHITE)
THERMOPLASTIC PAVEMENT MARKING
- J CENTERLINE - (YELLOW, 10' DASH 30' SKIP) OR CENTERLINE - (SINGLE YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- K EDGE LINE PAVEMENT MARKING REMOVAL AND EDGE LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- I PROPOSED MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (SHARED LANE MARKING SIZES)



REFLECTIVE PAVEMENT MARKERS

- L RECESSED REFLECTIVE PAVEMENT MARKERS - 40' O/C OR AS SHOWN
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ▽ ONE-WAY CRYSTAL MARKER
 - ◄ TWO-WAY BLUE MARKER



NOTE:
 SHORT-TERM PAVEMENT MARKING IS PROPOSED ON THE MILLED PAVEMENT, NEW BINDER AND ON THE NEW SURFACE. SEE ARTICLE 703.04 OF THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
NOTE:
 PROPOSED CENTERLINE - (DOUBLE YELLOW, 11"O/C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (NOTE: (B)) IS MEASURED PER LINE. TOTAL QUANTITY AND PAYMENT LENGTH IS FOR EACH LINEAR FOOT OF SINGLE 4" STRIPE INSTALLED.

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 24+20 TO STA. 78+43 SEE SHEET 10

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK STA. 78+43 TO STA. 84+65 SEE SHEET 11

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

FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BICYCLE LANES

USER NAME =
 PLOT SCALE = H: 1"=40'; V: 1"=1'
 PLOT DATE =

DESIGNED - JLC
 DRAWN - JFP
 CHECKED - THK
 DATE - 7-6-17

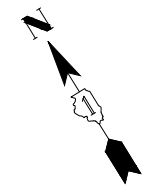
REVISED - 7-11-17
 REVISED - 8-04-17
 REVISED - 2-21-20 THK
 REVISED - 10-02-20 JLC
 10-26-20 JLC

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 62+50 TO STA. 79+00
 (EXISTING AND PROPOSED PAVEMENT MARKING PLAN)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

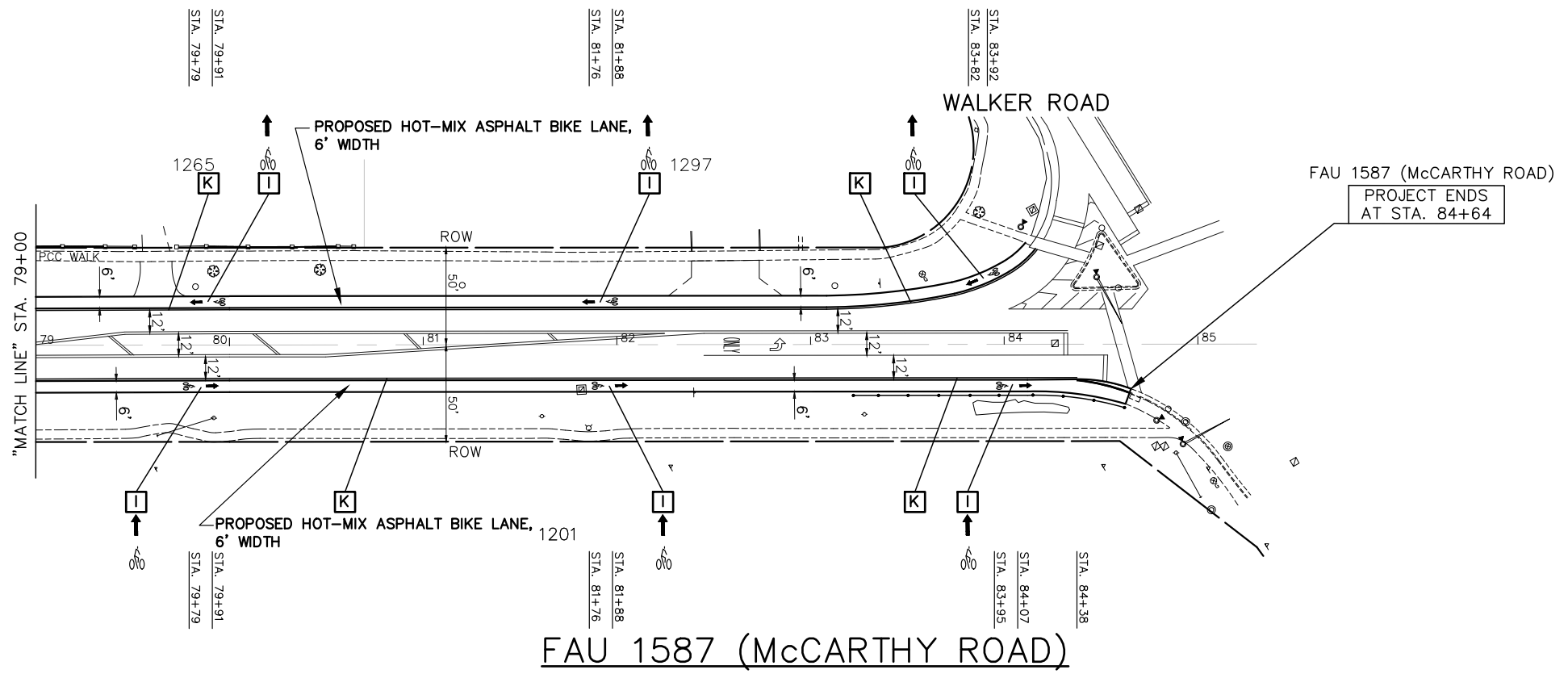
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	46
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		7805 (279)



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



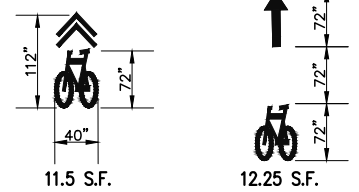
HORZ. 1"=40'



FOR CONTINUATION SEE SHEET 46

THERMOPLASTIC PAVEMENT MARKING CODE

- A EDGE/PARKING LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- B CENTERLINE - (DOUBLE YELLOW, 11"O/C)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- C TURN LANE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- D LANE LINE - (WHITE, 2' DASH 6' SKIP, FIRST & LAST DASH 4')
THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- E RESERVED
- F SCHOOL CROSSWALK LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- G CHANNELIZATION DIAGONAL LINE - (YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- H STOP BAR - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 24"
- I LETTERS AND SYMBOLS - (WHITE)
THERMOPLASTIC PAVEMENT MARKING
- J CENTERLINE - (YELLOW, 10' DASH 30' SKIP) OR CENTERLINE - (SINGLE YELLOW)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- K EDGE LINE PAVEMENT MARKING REMOVAL AND EDGE LINE - (WHITE)
THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- I PROPOSED MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (SHARED LANE MARKING SIZES)



REFLECTIVE PAVEMENT MARKERS

- L RECESSED REFLECTIVE PAVEMENT MARKERS - 40' O/C OR AS SHOWN
 - ◆ TWO-WAY AMBER MARKER
 - ▶ ONE-WAY AMBER MARKER
 - ▷ ONE-WAY CRYSTAL MARKER
 - ◄ TWO-WAY BLUE MARKER



NOTE:
 SHORT-TERM PAVEMENT MARKING IS PROPOSED ON THE MILLED PAVEMENT, NEW BINDER AND ON THE NEW SURFACE. SEE ARTICLE 703.04 OF THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

NOTE:
 PROPOSED CENTERLINE - (DOUBLE YELLOW, 11"O/C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (NOTE: Ⓟ) IS MEASURED PER LINE. TOTAL QUANTITY AND PAYMENT LENGTH IS FOR EACH LINEAR FOOT OF SINGLE 4" STRIPE INSTALLED.

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK
 STA. 78+43 TO STA. 84+64
 SEE SHEET 11

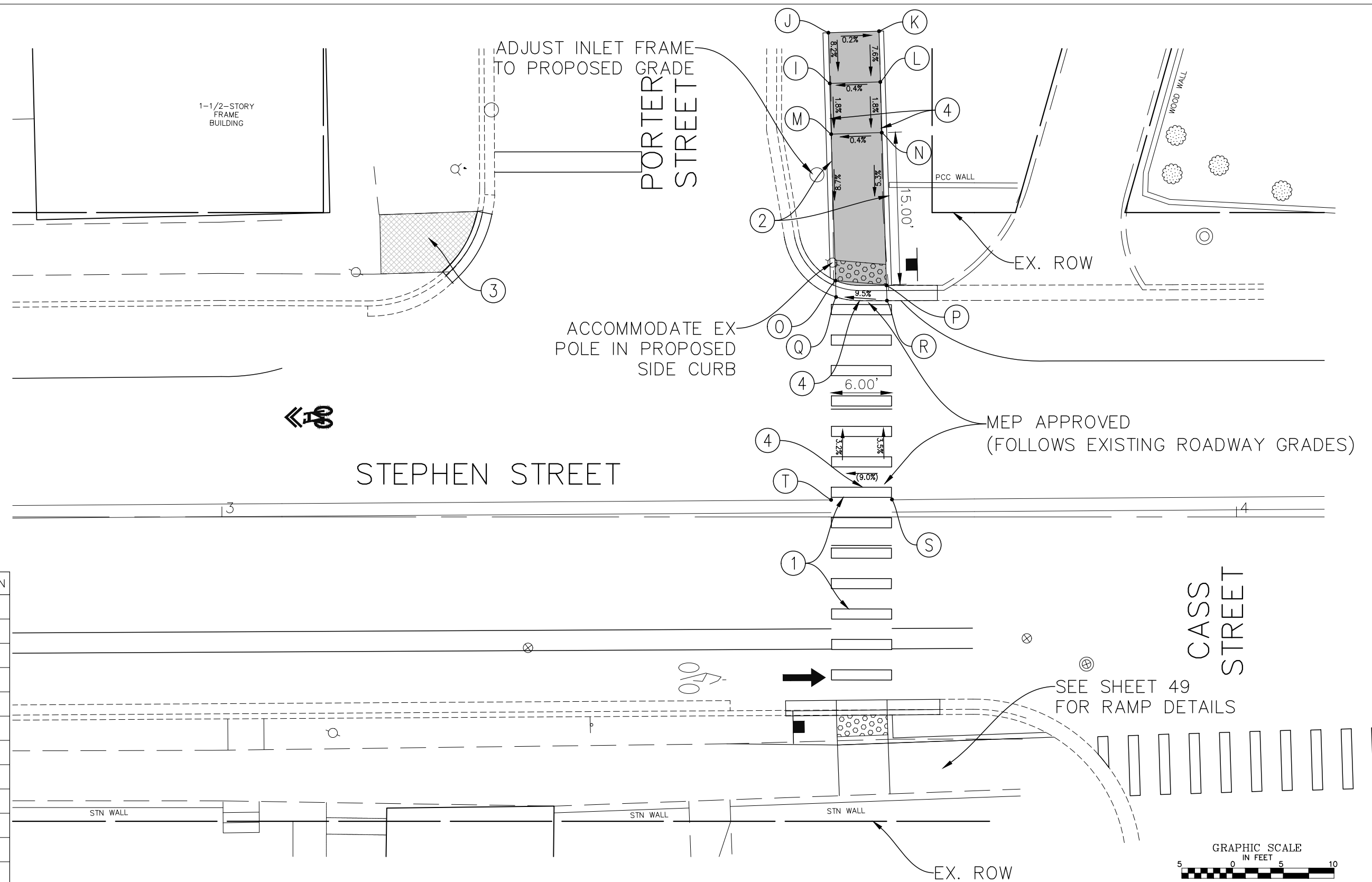
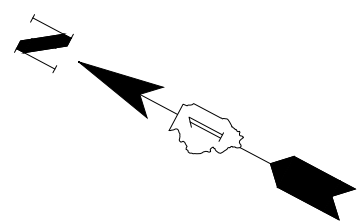


FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-11-17
BICYCLE LANES	PLOT SCALE = H: 1"=40'; V: 1"=1'	DRAWN - JFP	REVISED - 2-21-20 THK
#19383	PLOT DATE =	CHECKED - THK	REVISED - 10-02-20 JLC
		DATE - 7-6-17	REVISED - 10-26-20 JLC

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STA. 79+00 TO WALKER ROAD (EXISTING AND PROPOSED PAVEMENT MARKING PLAN)			
SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	47
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	7805 (279)		



	STATION	OFFSET	ELEVATION
I	3+60.19	42.73' L	642.08
J	3+59.83	47.72' L	(642.49)
K	3+65.11	47.89' L	(642.48)
L	3+65.19	42.88' L	642.10
M	3+60.35	37.73' L	641.99
N	3+65.34	37.88' L	642.01
O	3+60.48	23.29' L	640.74
P	3+65.50	22.82' L	641.22
Q	3+60.53	21.67' L	640.75
R	3+65.55	21.32' L	641.23
S	3+66.04	1.72' L	(641.92)
T	3+60.04	1.68' L	(641.38)

STEPHEN STREET AND PORTER STREET

LEGEND			
	PROPOSED SIDE CURB		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	(XX.XX') EXISTING ELEVATION		PROPOSED SIDEWALK
	PROPOSED DETECTABLE WARNINGS		

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

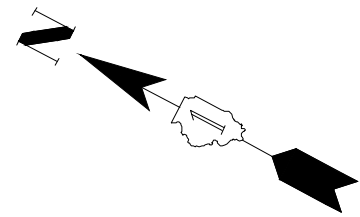
FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC
#14267	PLOT SCALE = 1"=5'	CHECKED - VM DATE - 04-26-18	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

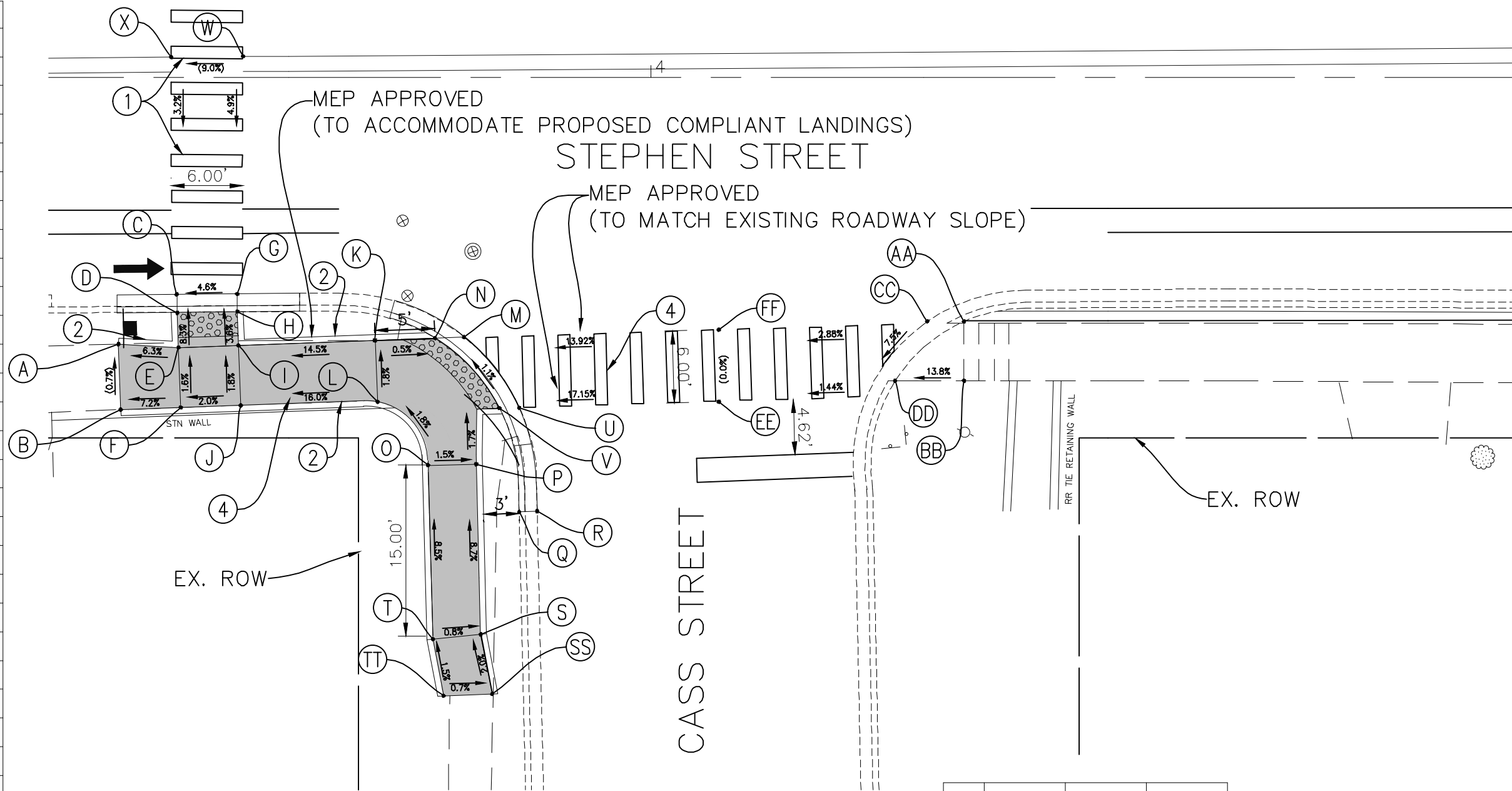
PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STEPHEN STREET AND PORTER STREET (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
--	-----------------	---------------------	--------------

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: 630) 887.8640
 F: 630) 887.0132
 Illinois Professional Design Firm No. 184-009728

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	48
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	M-4003(463)		



	STATION	OFFSET	ELEVATION
A	3+55.66	22.21' R	(640.65)
B	3+55.86	27.66' R	(640.69)
C	3+60.49	18.06' R	640.74
D	3+60.57	19.55' R	640.73
E	3+60.67	22.48' R	640.97
F	3+60.85	27.48' R	641.05
G	3+65.51	17.98' R	640.96
H	3+65.57	19.48' R	640.95
I	3+65.67	22.30' R	641.06
J	3+65.85	27.30' R	641.15
K	3+78.21	21.85' R	642.88
L	3+77.24	27.00' R	642.97
M	3+84.44	21.62' R	642.87
N	3+82.03	21.71' R	642.86
O	3+83.54	31.27' R	643.11
P	3+87.52	30.81' R	643.05
Q	3+89.04	36.15' R	643.42
R	3+90.29	36.11' R	643.43
S	3+87.68	46.22' R	644.28
T	3+83.70	46.27' R	644.34
U	3+88.85	27.49' R	642.95
V	3+87.21	28.15' R	642.94
W	3+66.04	1.72' R	(641.92)
X	3+60.05	1.68' R	(641.38)
Y	4+5.67	27.00' R	644.96
Z	4+5.52	21.00' R	645.12
SS*	3+86.79	51.32' R	(644.38)
TT*	3+82.39	51.47' R	(644.41)



STEPHEN STREET AND CASS STREET

*NOTE: EXACT ELEVATION AT TIE-IN IS NOT KNOWN BECAUSE TOPOGRAPHIC SURVEY DOES NOT ENCOMPASS THIS AREA. CONTRACTOR TO CONFIRM ESTIMATED ELEVATION IN FIELD AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED

	STATION	OFFSET	ELEVATION
AA	4+26.09	20.31' R	(646.85)
BB	4+25.85	25.22' R	(646.82)
CC	4+23.08	20.36' R	(646.32)
DD	4+20.85	25.25' R	(646.03)
EE	4+18.61	25.25' R	(645.82)
FF	4+5.67	20.99' R	(645.82)



IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

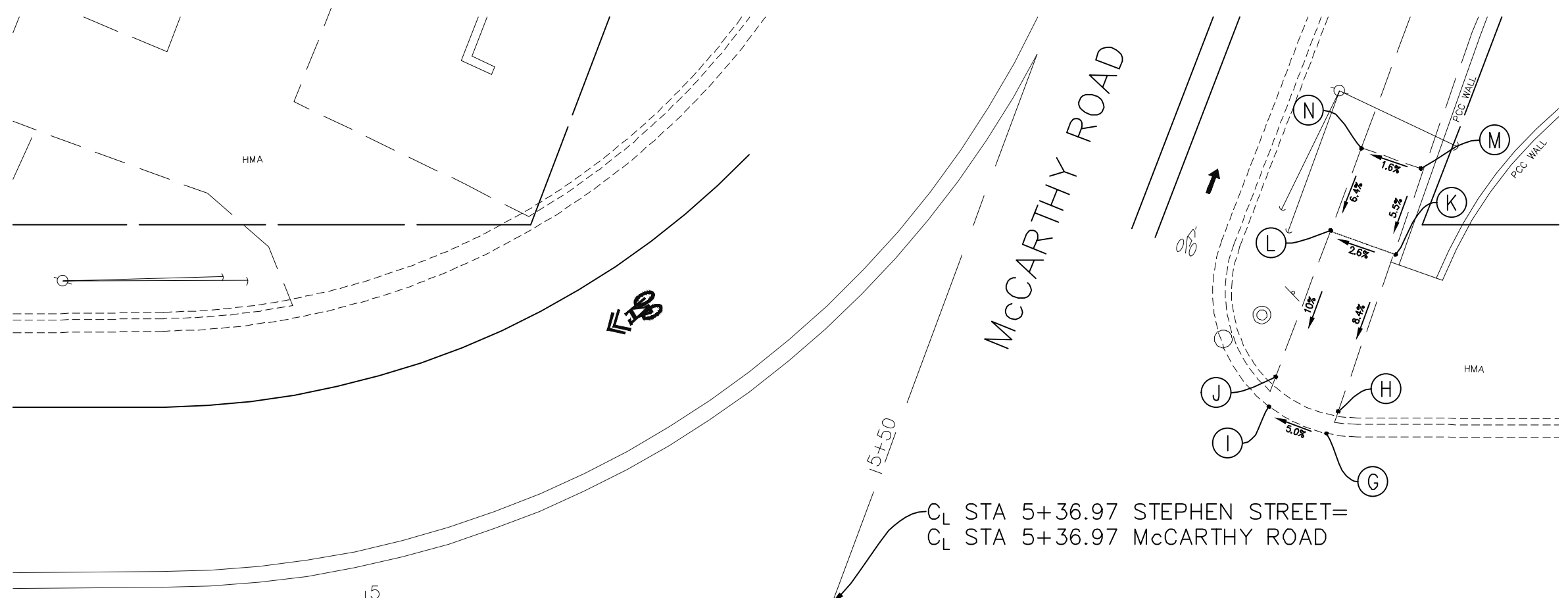
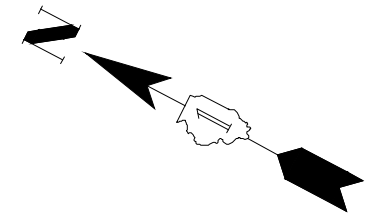


FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME MCL	DESIGNED - KRB DRAWN - MCL CHECKED - VM DATE - 04-26-18	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC REVISED -
--	------------------	--	---

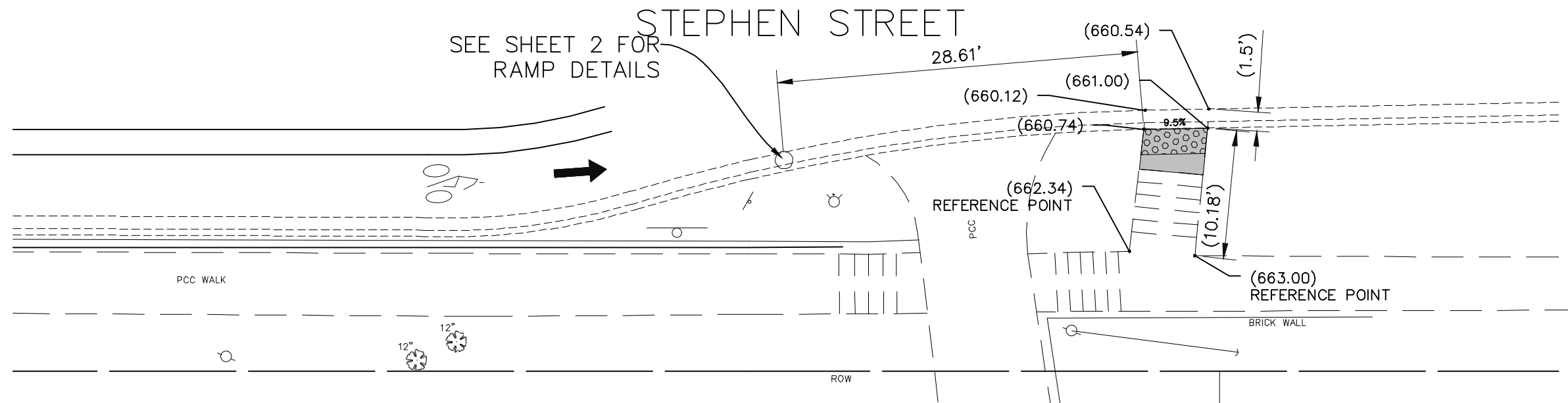
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STEPHEN STREET AND CASS STREET (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
--	-----------------	---------------------	--------------

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 49
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			M-4003(463)	



	STATION	OFFSET	ELEVATION
G	5+63.53	31.79' R	(661.39)
H	5+65.04	31.75' R	(661.62)
I	5+63.90	26.78' R	(661.14)
J	5+65.48	26.74' R	(661.36)
K	5+80.78	31.40' R	(662.73)
L	5+80.67	26.40' R	(662.60)
M	5+85.78	31.29' R	(663.12)
N	5+85.66	26.29' R	(663.04)



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
	① PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
	② PROPOSED VARIABLE HEIGHT SIDE CURB
	③ REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
	④ MEP FORM REQUIRED

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISIONS - 07-01-20 JLC - 10-02-20 JLC
#14267	PLOT SCALE = 1" = 5'	CHECKED - VM	DATE - 04-26-18
	PLOT DATE =	DATE - 04-26-18	REVISIONS -

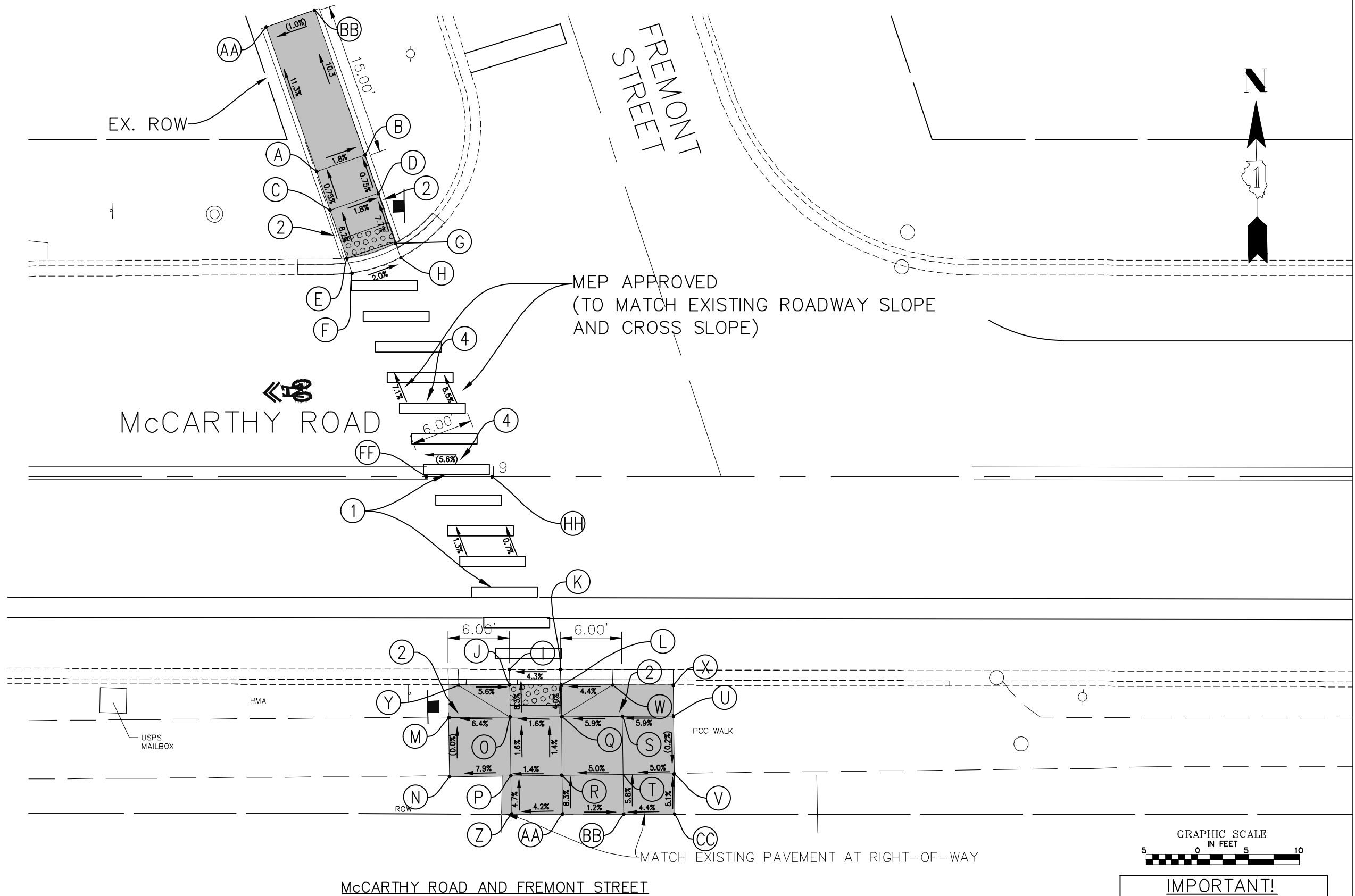
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) STEPHEN STREET AND McCARTHY ROAD (PROPOSED ADA RAMP DETAILS)			
SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 50
CONTRACT NO. 61G86			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)	

	STATION	OFFSET	ELEVATION
A	8+79.16	40.28' L	677.89
AA	8+77.84	43.85' L	(676.20)
B	8+83.90	41.91' L	677.80
BB	8+82.55	45.52' L	(676.25)
C	8+80.78	35.55' L	677.92
D	8+85.52	37.18' L	677.83
E	8+85.66	21.37' L	678.33
F	8+86.17	19.92' L	678.34
G	8+90.44	22.85' L	678.23
H	8+90.94	21.42' L	678.24

	STATION	OFFSET	ELEVATION
I	9+01.59	18.89' R	680.08
J	8+97.41	20.38' R	680.07
K	9+06.59	18.90' R	680.30
L	9+02.41	20.39' R	680.29
M	8+95.64	23.57' R	(679.95)
N	8+95.71	29.31' R	(679.95)
O	9+01.64	23.57' R	680.33
P	9+01.71	29.32' R	680.42
Q	9+06.64	23.53' R	680.41
R	9+06.71	29.26' R	680.50
S	9+12.64	23.49' R	680.76
T	9+12.71	29.19' R	680.80
U	9+17.71	28.94' R	(681.06)
V	9+17.71	29.13' R	(681.05)
W	9+11.69	20.42' R	680.51
X	9+17.61	20.43' R	(681.10)
Y	8+96.60	20.44' R	(679.35)
Z	9+01.76	33.04' R	(680.60)
AA	9+06.71	33.04' R	(680.81)
BB	9+12.71	33.04' R	(681.02)
CC	9+17.71	33.04' R	(681.25)
FF	8+93.57	0.0	(679.80)
HH	8+99.89	0.0	(680.16)



LEGEND	
	PROPOSED SIDE CURB
	(XX.XX') EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED

FILE NAME
FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
#14267

USER NAME
DESIGNED — KRB
DRAWN — MCL
CHECKED — VM
PLOT DATE =

DESIGNED — KRB
DRAWN — MCL
CHECKED — VM
DATE — 04-26-18

REVISED — 07-01-20 JLC
REVISED — 10-02-20 JLC
REVISED — 11-04-20 JLC
REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN:
FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND FREEMONT STREET
(PROPOSED ADA RAMP DETAILS)

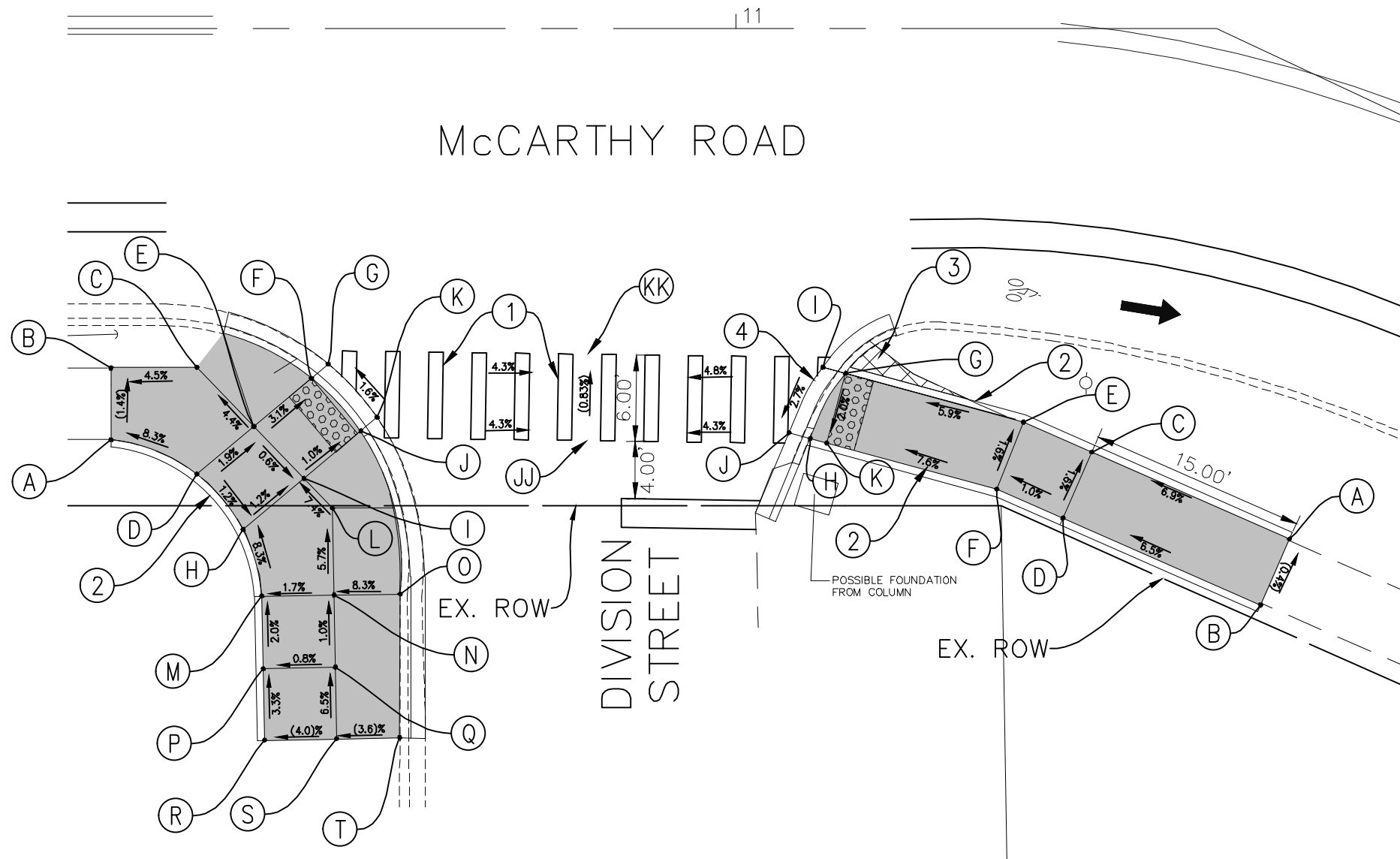
SCALE: AS NOTED | SHEET NO. OF SHEETS | STA. TO STA.

NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-00928

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	51

CONTRACT NO. 61G86
FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT M-4003(463)

	STATION	OFFSET	ELEVATION
A	10+56.64	28.52' R	(687.47)
B	10+56.63	23.54' R	(687.39)
C	10+62.58	23.50' R	687.66
D	10+62.60	30.90' R	688.01
E	10+66.54	27.60' R	687.91
F	10+70.55	24.26' R	687.75
G	10+71.71	23.27' R	687.76
H	10+65.81	34.73' R	687.95
I	10+70.02	31.21' R	687.88
J	10+74.18	28.29' R	687.83
K	10+75.10	26.96' R	687.84
L	10+72.00	33.26' R	688.09
M	10+67.12	39.36' R	688.35
N	10+72.12	39.29' R	688.44
O	10+76.72	39.22' R	688.82
P	10+67.21	44.38' R	688.45
Q	10+72.21	44.26' R	688.49
R	10+67.31	49.36' R	(688.62)
S	10+72.31	49.27' R	(688.82)
T	10+76.67	49.18' R	(688.98)



	STATION	OFFSET	ELEVATION
A	11+39.09	30.02' R	(691.50)
B	11+36.75	38.53' R	(691.52)
C	11+24.70	29.37' R	690.46
D	11+22.70	33.95' R	690.54
E	11+20.12	27.36' R	690.41
F	11+18.12	31.94' R	690.49
G	11+07.62	23.92' R	689.66
H	11+05.16	28.43' R	689.52
I	11+06.05	23.49' R	689.67
J	11+03.70	28.03' R	689.53
K	11+06.30	28.74' R	689.56
KK	10+89.75	22.55' R	(688.88)
JJ	10+89.75	28.58' R	(688.93)

McCARTHY ROAD AND DIVISION STREET

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED



IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



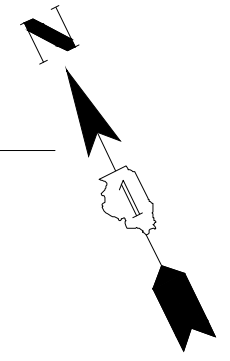
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC
PLOT SCALE = 1" = 5'	CHECKED - VM	REVISOR -	
PLOT DATE =	DATE - 04-26-18	REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND DIVISION STREET (PROPOSED ADA RAMP DETAILS)	
SCALE: AS NOTED	SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 52
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	M-4003(463)	



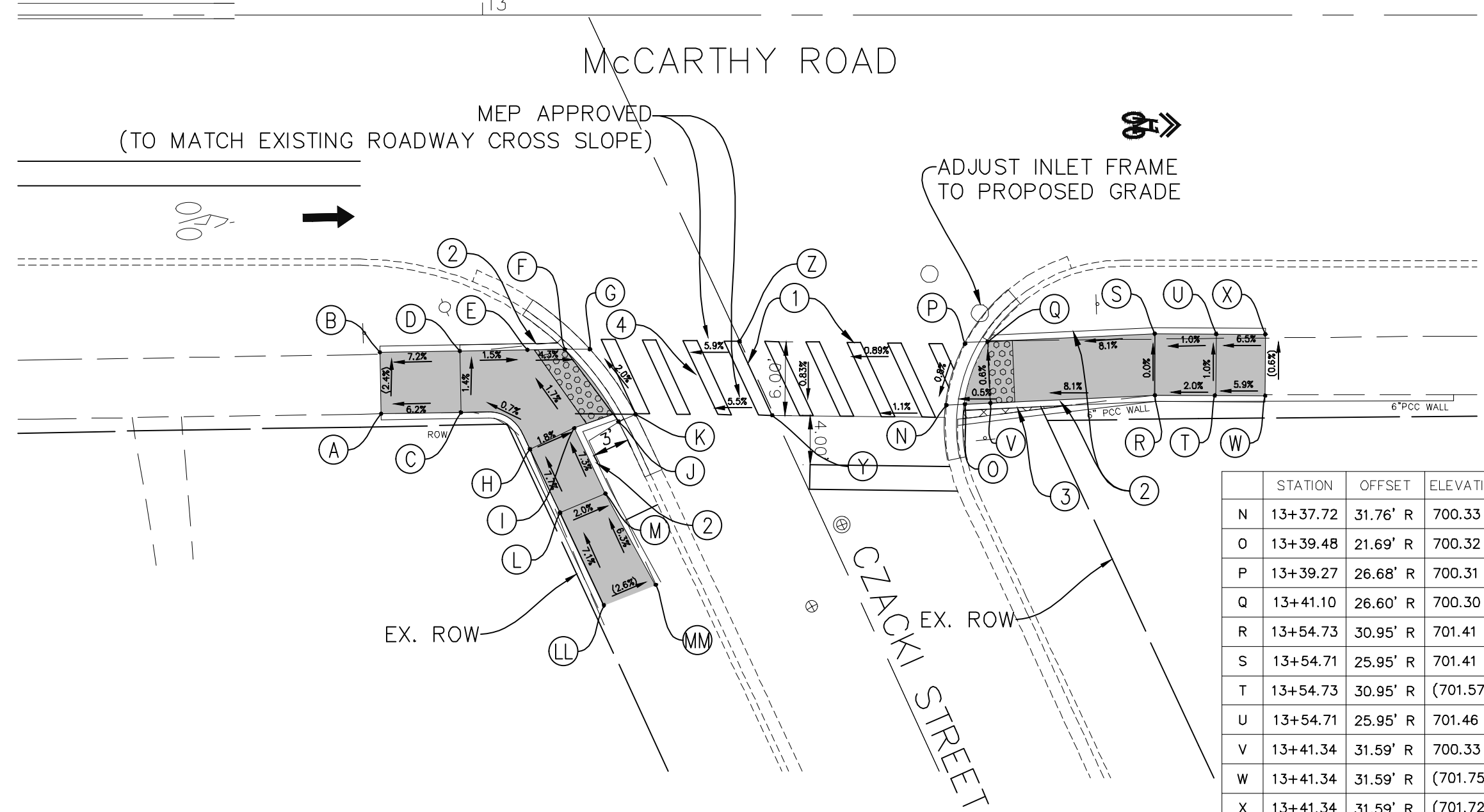
13

McCARTHY ROAD

MEP APPROVED
(TO MATCH EXISTING ROADWAY CROSS SLOPE)

ADJUST INLET FRAME
TO PROPOSED GRADE

	STATION	OFFSET	ELEVATION
A	12+91.70	32.45' R	(699.16)
B	12+91.67	27.44' R	(699.02)
C	12+98.25	32.37' R	699.56
D	12+98.17	27.36' R	699.49
E	13+03.67	27.28' R	699.41
F	13+06.69	27.23' R	699.28
G	13+08.75	27.23' R	699.29
H	13+04.14	27.20' R	699.61
I	13+08.75	34.08' R	699.54
J	13+11.09	33.10' R	699.41
K	13+12.47	32.51' R	699.42
L	13+06.09	40.63' R	700.05
M	13+10.69	38.69' R	699.97
LL*	13+06.09	40.63' R	(700.64)
MM*	13+10.69	38.69' R	(700.51)



	STATION	OFFSET	ELEVATION
N	13+37.72	31.76' R	700.33
O	13+39.48	21.69' R	700.32
P	13+39.27	26.68' R	700.31
Q	13+41.10	26.60' R	700.30
R	13+54.73	30.95' R	701.41
S	13+54.71	25.95' R	701.41
T	13+54.73	30.95' R	(701.57)
U	13+54.71	25.95' R	701.46
V	13+41.34	31.59' R	700.33
W	13+41.34	31.59' R	(701.75)
X	13+41.34	31.59' R	(701.72)
Y	13+25.14	32.64' R	(700.12)
Z	13+23.66	26.54' R	(700.17)



McCARTHY ROAD AND CZACKI STREET

*NOTE: EXACT ELEVATION AT TIE-IN IS NOT KNOWN BECAUSE TOPOGRAPHIC SURVEY DOES NOT ENCOMPASS THIS AREA. CONTRACTOR TO CONFIRM ESTIMATED ELEVATION IN FIELD AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX') EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDECURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED

IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

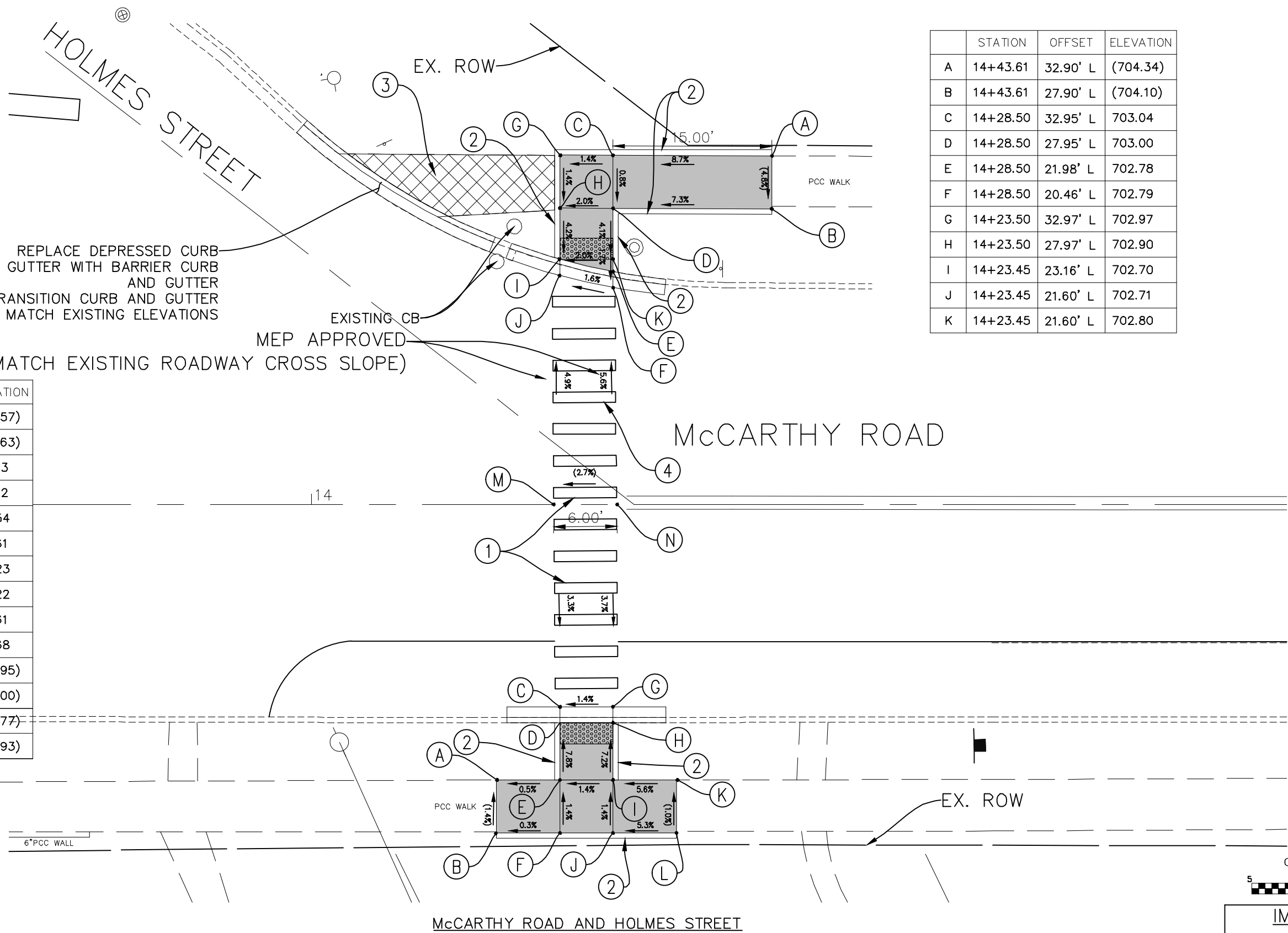


FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC
#14267	PLOT SCALE = 1"=5' PLOT DATE =	CHECKED - VM DATE - 04-26-18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND CZACKI STREET (PROPOSED ADA RAMP DETAILS)			
SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 53
CONTRACT NO. 61G86				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)



	STATION	OFFSET	ELEVATION
A	14+43.61	32.90' L	(704.34)
B	14+43.61	27.90' L	(704.10)
C	14+28.50	32.95' L	703.04
D	14+28.50	27.95' L	703.00
E	14+28.50	21.98' L	702.78
F	14+28.50	20.46' L	702.79
G	14+23.50	32.97' L	702.97
H	14+23.50	27.97' L	702.90
I	14+23.45	23.16' L	702.70
J	14+23.45	21.60' L	702.71
K	14+23.45	21.60' L	702.80

	STATION	OFFSET	ELEVATION
A	14+17.46	26.02' R	(703.57)
B	14+17.46	31.02' R	(703.63)
C	14+23.50	19.11' R	703.13
D	14+23.50	20.61' R	703.12
E	14+23.50	26.02' R	703.54
F	14+23.50	31.02' R	703.61
G	14+28.50	19.11' R	703.23
H	14+28.50	20.61' R	703.22
I	14+28.50	26.02' R	703.61
J	14+28.50	31.02' R	703.68
K	14+34.54	26.02' R	(703.95)
L	14+34.54	31.02' R	(704.00)
M	14+22.88	0.0	(703.77)
N	14+28.84	0.0	(703.93)

REPLACE DEPRESSED CURB AND GUTTER WITH BARRIER CURB AND GUTTER
 TRANSITION CURB AND GUTTER TO MATCH EXISTING ELEVATIONS
 MEP APPROVED
 (TO MATCH EXISTING ROADWAY CROSS SLOPE)

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
	1 PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
	2 PROPOSED VARIABLE HEIGHT SIDE CURB
	3 REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
	4 MEP FORM REQUIRED



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

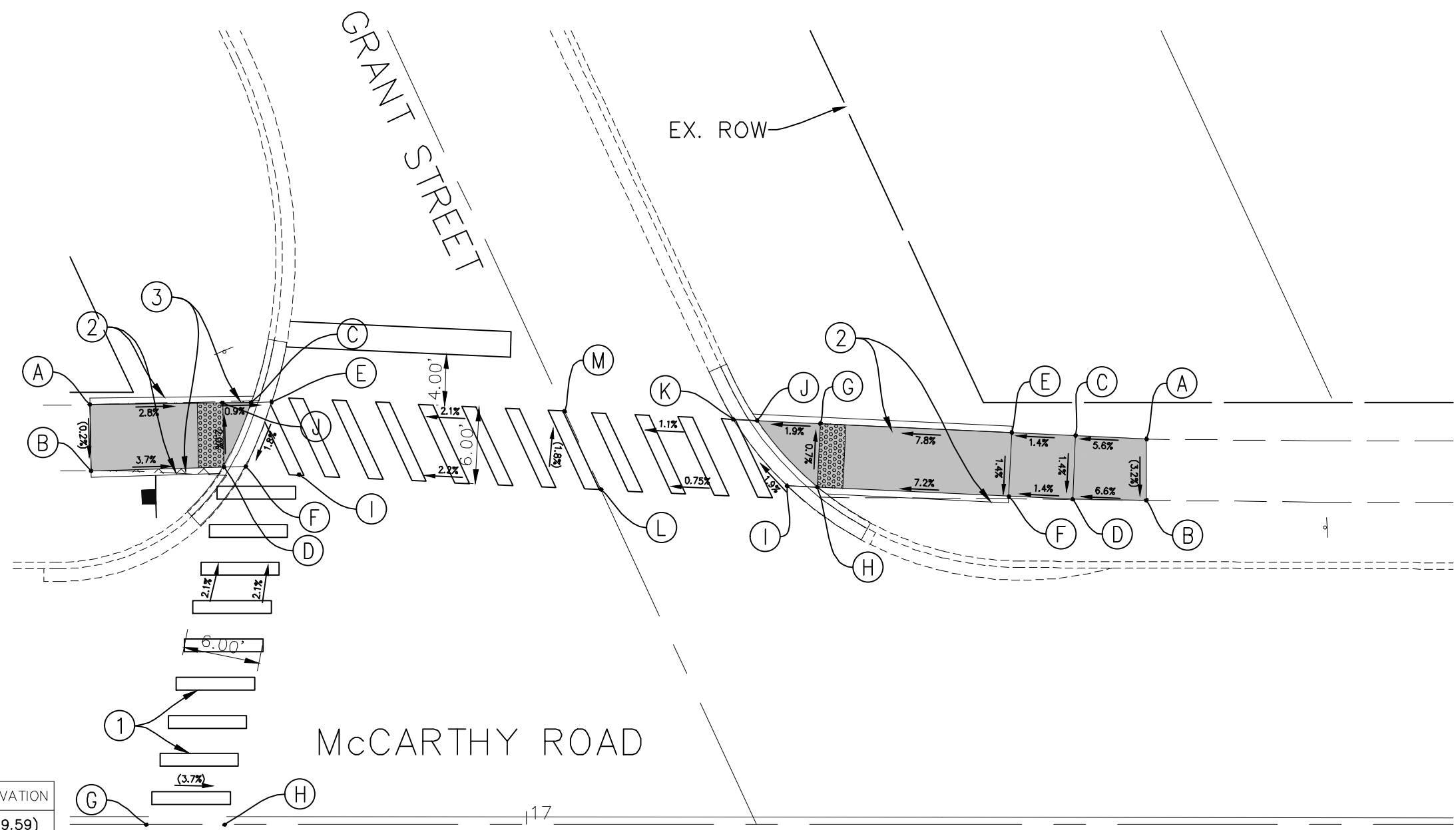
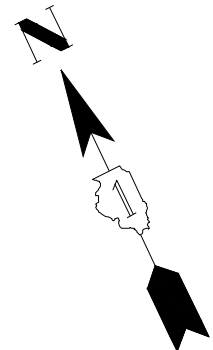
NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC
PLLOT SCALE = 1" = 5'	CHECKED - VM	DATE - 04-26-18	REVISED -
PLLOT DATE =			

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND HOLMES STREET (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
---	-----------------	---------------------	--------------

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 54
CONTRACT NO. 61G86				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)				



	STATION	OFFSET	ELEVATION
A	17+48.52	30.18' L	(711.71)
B	17+48.50	25.38' L	(711.55)
C	17+42.97	30.44' L	711.24
D	17+42.73	25.45' L	711.17
E	17+37.97	30.68' L	711.17
F	17+37.74	25.68' L	711.10
G	17+22.99	31.38' L	709.99
H	17+22.75	26.39' L	710.03
I	17+20.38	26.50' L	710.04
J	17+18.02	31.62' L	709.90
K	17+16.18	31.70' L	709.91
L	17+02.66	26.37' L	(709.88)
M	17+02.97	32.34' L	(709.77)

	STATION	OFFSET	ELEVATION
A	16+68.82	32.88' L	(709.59)
B	16+68.931	27.67' L	(709.58)
C	16+81.45	33.02' L	709.28
D	16+79.32	27.99' L	709.20
E	16+83.06	33.08' L	709.29
F	16+81.05	28.03' L	709.21
E	16+83.06	33.08' L	709.31
F	16+81.05	28.03' L	709.21
G	16+70.24	0.00	(709.82)
H	16+76.38	0.00	(710.01)
I	16+82.17	27.34' L	(709.41)
J	16+76.21	33.00' L	709.30

McCARTHY ROAD

McCARTHY ROAD AND GRANT STREET

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED



IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-009728

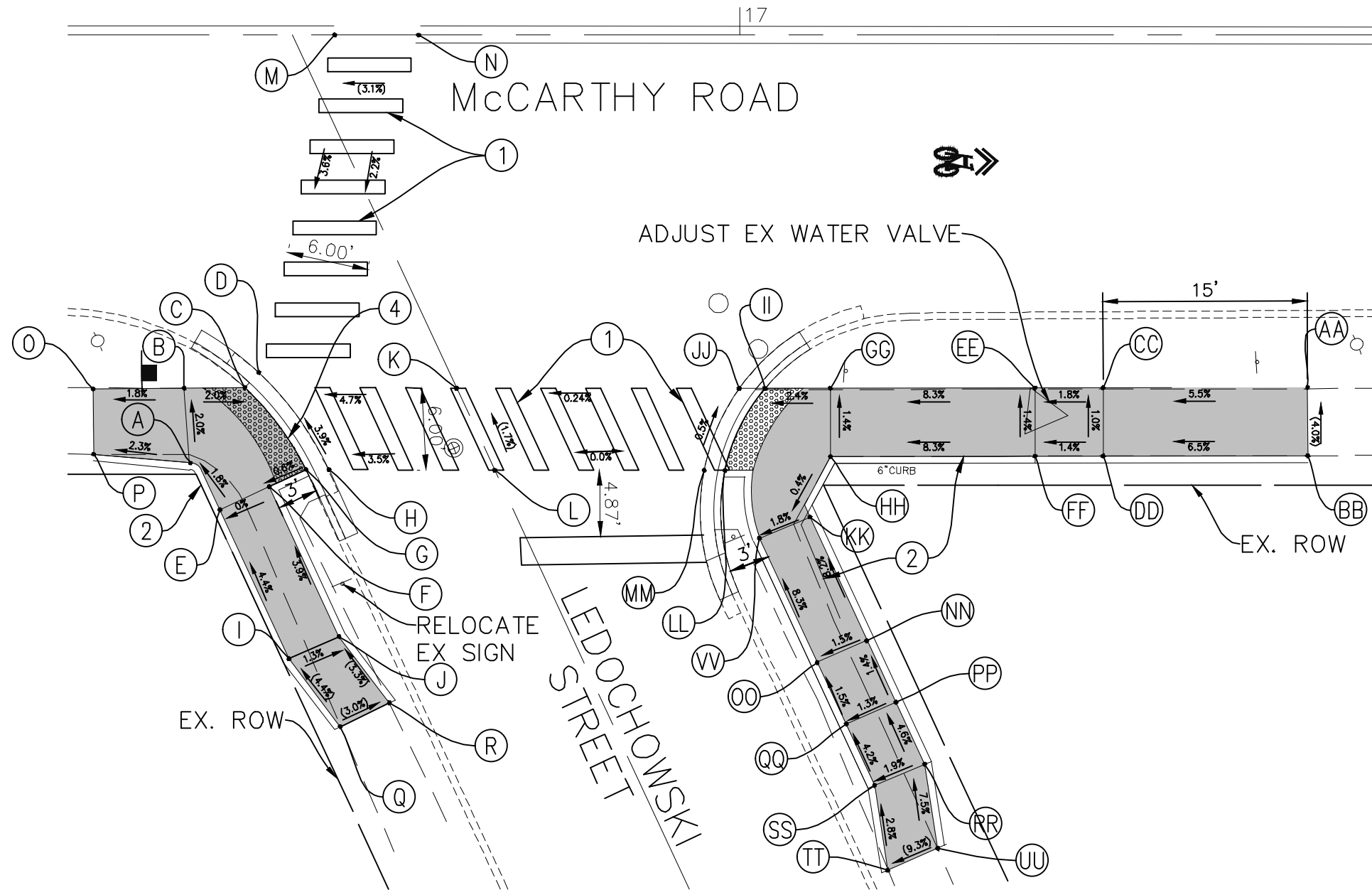
FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC
#14267	PLOT SCALE = 1"=5'	CHECKED - VM DATE - 04-26-18	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND GRANT STREET (PROPOSED ADA RAMP DETAILS)	
SCALE: AS NOTED	SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 55
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			M-4003(463)	

	STATION	OFFSET	ELEVATION
A	16+59.64	30.76' R	709.07
B	16+59.26	25.91' R	708.96
C	16+63.71	25.86' R	708.87
D	16+64.73	24.76' R	708.88
E	16+64.39	35.90' R	709.15
F	16+68.07	34.33' R	709.15
G	16+69.10	33.90' R	709.16
H	16+70.48	33.31' R	709.17
I	16+68.31	45.10' R	709.67
J	16+71.99	43.53' R	709.62
K	16+79.73	26.95' R	(709.60)
L	16+82.50	32.90' R	(709.71)
M	16+70.30	0.0	(709.82)
N	16+76.38	0.0	(710.01)
O	16+52.71	25.88' R	(708.84)
P	16+52.62	30.83' R	(708.91)
Q*	16+70.73	50.70' R	(709.94)
R*	16+74.29	48.95' R	(709.82)



	STATION	OFFSET	ELEVATION
AA	17+41.64	25.85' R	(711.91)
BB	17+41.64	30.85' R	(712.11)
CC	17+26.64	25.88' R	711.14
DD	17+26.64	30.88' R	711.21
EE	17+21.64	25.89' R	711.07
FF	17+21.65	30.89' R	711.14
GG	17+06.63	25.92' R	709.75
HH	17+06.64	30.92' R	709.82
II	17+01.85	25.93' R	709.64
JJ	16+99.95	25.93' R	709.65
KK	17+03.97	35.89' R	709.80
LL	16+98.93	37.96' R	709.70
MM	16+97.53	38.54' R	709.71
NN	17+08.02	45.01' R	710.62
OO	17+04.37	46.60' R	710.56
PP	17+10.02	49.58' R	710.69
QQ	17+06.40	51.17' R	710.64
RR	17+12.08	54.13' R	710.92
SS	17+08.44	55.73' R	710.85
TT*	17+12.08	54.13' R	(711.02)
UU*	17+08.44	55.73' R	(711.39)
VV	17+01.46	36.92' R	709.73



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

*NOTE: EXACT ELEVATION AT TIE-IN IS NOT KNOWN BECAUSE TOPOGRAPHIC SURVEY DOES NOT ENCOMPASS THIS AREA. CONTRACTOR TO CONFIRM ESTIMATED ELEVATION IN FIELD AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
	PROPOSED VARIABLE HEIGHT SIDE CURB
	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
	MEP FORM REQUIRED

McCARTHY ROAD AND LEDOCHOWSKI STREET

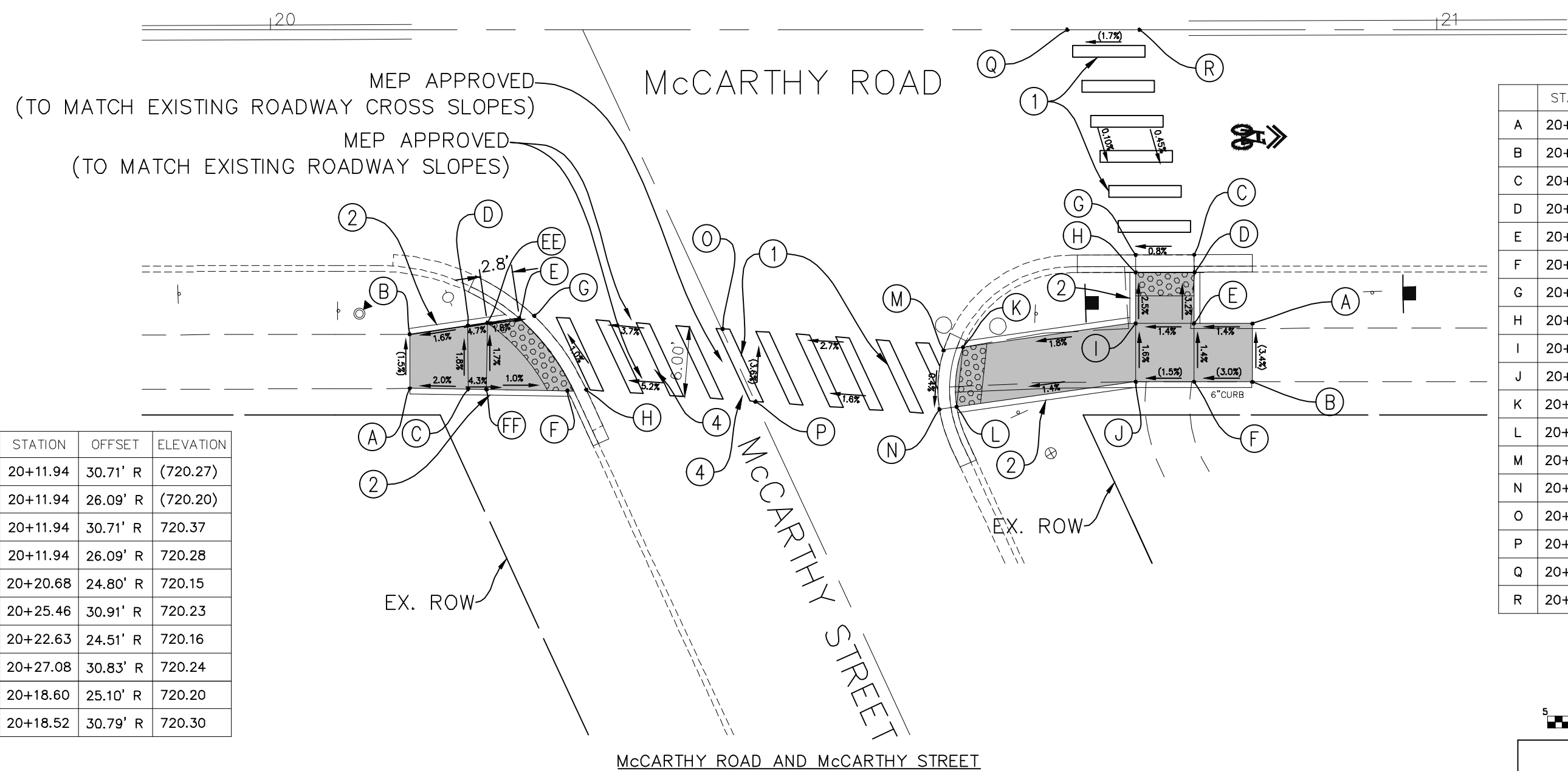
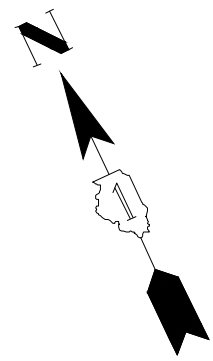
FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL CHECKED - VM DATE - 04-26-18	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC REVISED -
--	-----------	--	---

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY RD. AND LEDOCHOWSKI ST. (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
--	-----------------	---------------------	--------------

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-009728

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	56
CONTRACT NO. 61G86				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)				



	STATION	OFFSET	ELEVATION
A	20+11.94	30.71' R	(720.27)
B	20+11.94	26.09' R	(720.20)
C	20+11.94	30.71' R	720.37
D	20+11.94	26.09' R	720.28
E	20+20.68	24.80' R	720.15
F	20+25.46	30.91' R	720.23
G	20+22.63	24.51' R	720.16
H	20+27.08	30.83' R	720.24
EE	20+18.60	25.10' R	720.20
FF	20+18.52	30.79' R	720.30

	STATION	OFFSET	ELEVATION
A	20+84.19	25.16' R	(721.51)
B	20+84.19	30.16' R	(721.68)
C	20+79.19	19.27' R	721.47
D	20+79.19	20.77' R	721.46
E	20+79.19	25.16' R	721.60
F	20+79.19	30.16' R	(721.53)
G	20+74.19	19.28' R	721.43
H	20+74.19	20.78' R	721.42
I	20+74.19	25.16' R	721.53
J	20+74.19	30.16' R	(721.45)
K	20+59.40	27.17' R	721.26
L	20+58.84	32.30' R	721.24
M	20+57.73	27.41' R	721.27
N	20+57.35	32.51' R	721.25
O	20+38.68	25.62' R	(720.75)
P	20+38.26	31.62' R	(720.92)
Q	20+68.31	0.00	(721.45)
R	20+74.51	0.00	(721.56)



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED
 USING STANDARD ENGINEERING SCALES.
 REDUCED SIZED PLANS WILL NOT CONFORM TO
 STANDARD SCALES INDICATED IN TITLE BLOCK.

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX') EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
	1 PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
	2 PROPOSED VARIABLE HEIGHT SIDE CURB
	3 REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
	4 MEP FORM REQUIRED

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL CHECKED - VM DATE - 04-26-18	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC REVISED -
#14267	PLOT SCALE = 1" = 5' PLOT DATE =		

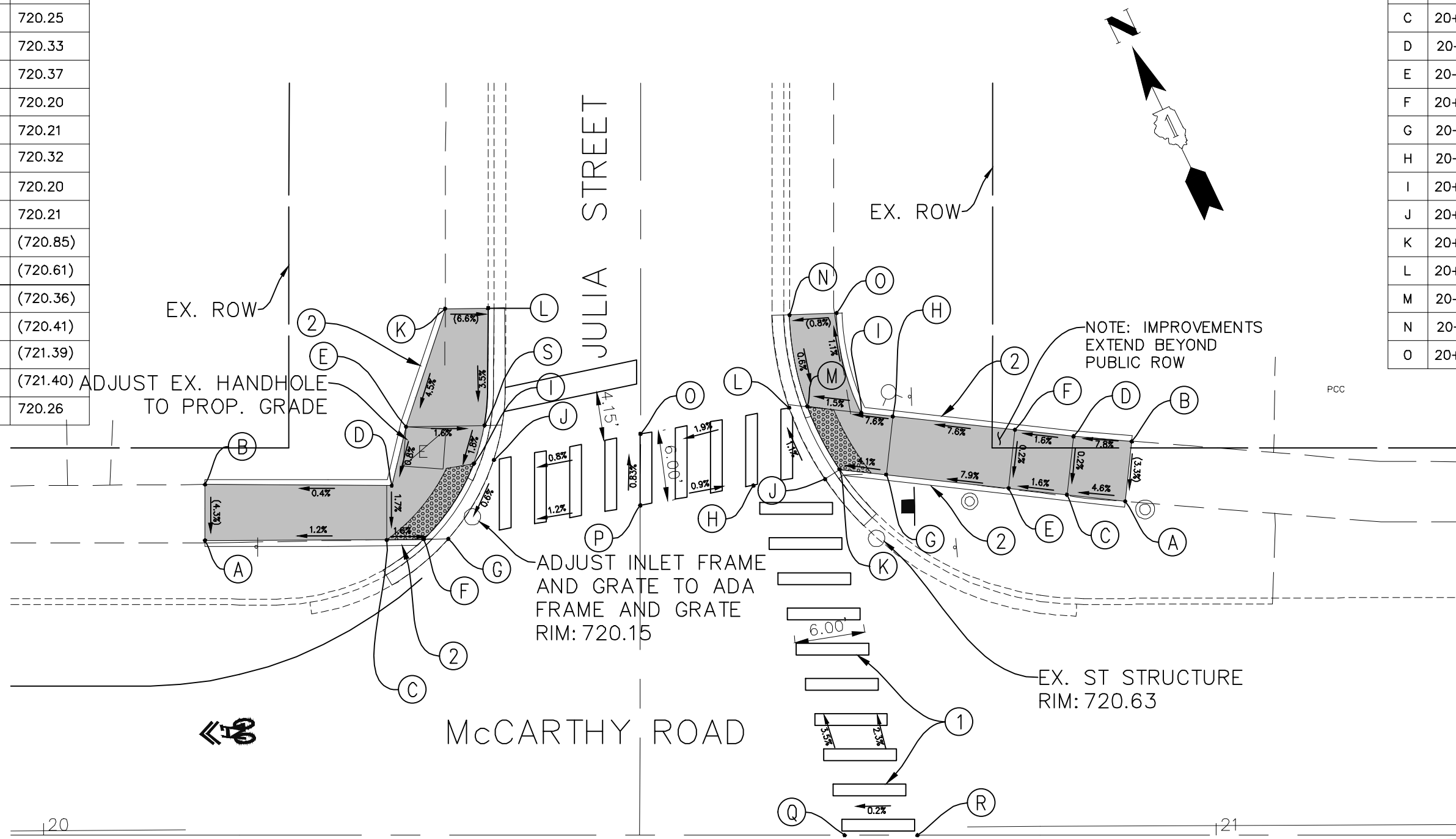
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND McCARTHY ST. (PROPOSED ADA RAMP DETAILS)			
SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 57
CONTRACT NO. 61G86			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)	

	STATION	OFFSET	ELEVATION
A	20+13.76	25.13' L	(720.06)
B	20+13.76	29.90' L	(720.26)
C	20+29.26	25.18' L	720.25
D	20+29.69	29.81' L	720.33
E	20+30.90	34.84' L	720.37
F	20+32.42	25.23' L	720.20
G	20+34.52	25.26' L	720.21
H	20+60.54	29.81' L	720.32
I	20+37.48	34.37' L	720.20
J	20+38.99	34.26' L	720.21
K	20+34.28	44.89' L	(720.85)
L	20+37.89	44.94' L	(720.61)
O	20+50.84	34.21' L	(720.36)
P	20+50.84	28.14' L	(720.41)
Q	20+68.31	0.00	(721.39)
R	20+74.51	0.00	(721.40)
S	20+37.60	34.94' L	720.26

	STATION	OFFSET	ELEVATION
A	20+92.22	28.47' L	(721.98)
B	20+92.80	33.59' L	(722.15)
C	20+87.25	29.03' L	721.75
D	20+87.81	34.00' L	721.76
E	20+82.29	29.58' L	721.67
F	20+82.84	34.55' L	721.68
G	20+71.85	30.75' L	720.84
H	20+71.85	30.75' L	720.92
I	20+69.70	36.01' L	720.72
J	20+66.63	30.35' L	720.69
K	20+67.88	31.19' L	720.68
L	20+63.48	36.74' L	720.61
M	20+65.13	36.55' L	720.60
N	20+63.61	44.35' L	(720.55)
O	20+67.35	44.96' L	(720.62)



McCARTHY ROAD AND JULIA STREET

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDECURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

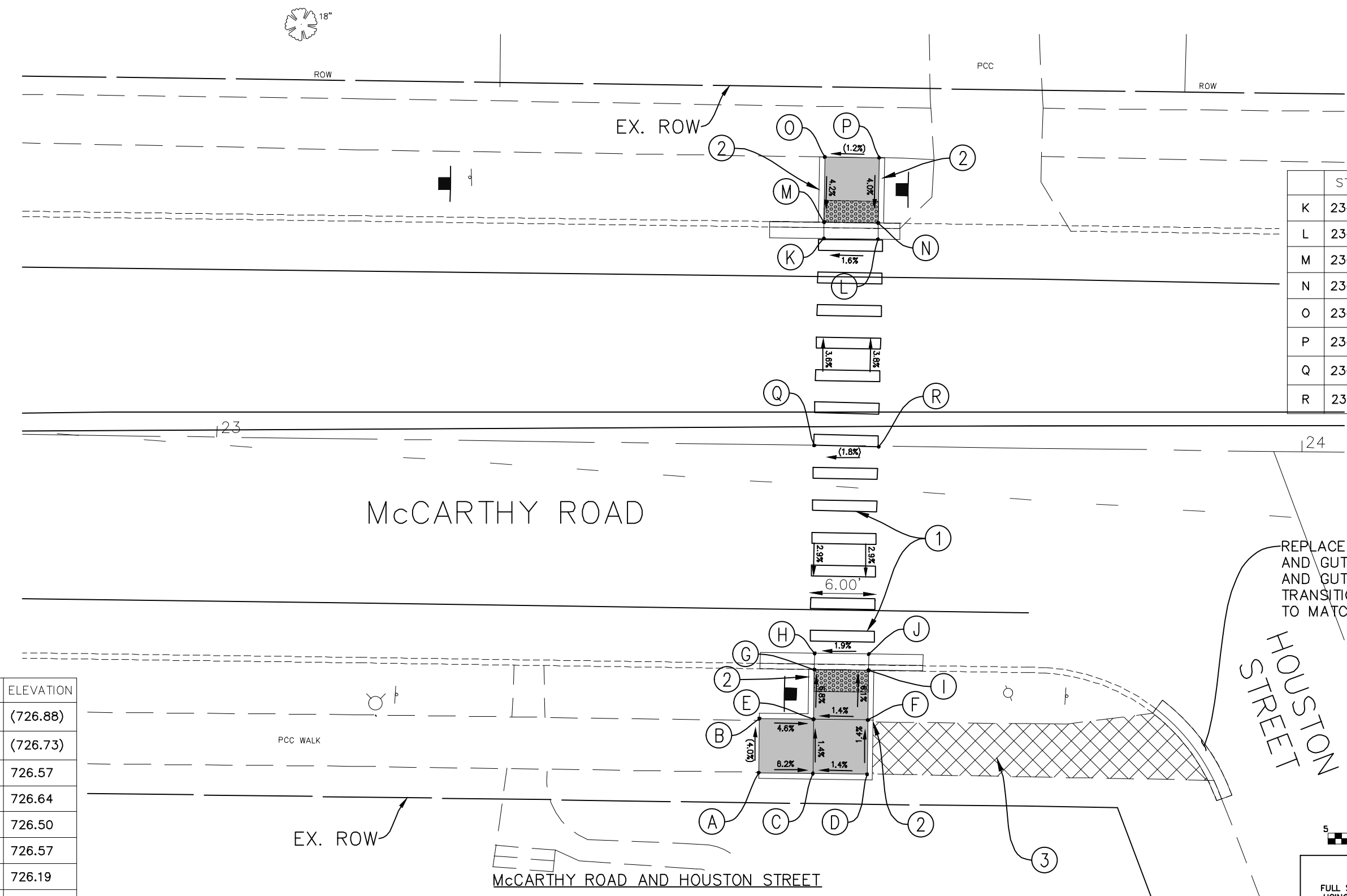
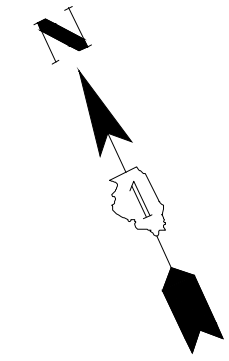
NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISOR - 07-01-20 JLC REVISOR - 10-02-20 JLC REVISOR - 11-04-20 JLC
PLOT SCALE = 1" = 5'	CHECKED - VM	DATE - 04-26-18	REVISOR -
PLOT DATE =	DATE -		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND JULIA STREET (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA.	TO STA.
--	-----------------	-----------	-----------	------	---------

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 58
CONTRACT NO. 61G86				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)				



	STATION	OFFSET	ELEVATION
K	23+55.65	19.06' L	726.07
L	23+60.66	19.05' L	726.14
M	23+55.65	20.56' L	726.06
N	23+60.65	20.55' L	726.13
O	23+55.65	26.57' L	(726.31)
P	23+60.65	26.56' L	(726.37)
Q	23+55.02	0.00	(726.75)
R	23+61.00	0.00	(726.86)

	STATION	OFFSET	ELEVATION
A	23+50.33	30.25' R	(726.88)
B	23+50.33	25.25' R	(726.73)
C	23+55.33	30.25' R	726.57
D	23+60.33	30.25' R	726.64
E	23+55.33	25.25' R	726.50
F	23+60.33	25.25' R	726.57
G	23+55.35	20.67' R	726.19
H	23+55.33	19.16' R	726.20
I	23+60.33	20.67' R	726.29
J	23+60.33	19.17' R	726.30

REPLACE DEPRESSED CURB AND GUTTER WITH BARRIER CURB AND GUTTER
 TRANSITION CURB AND GUTTER TO MATCH EXISTING ELEVATIONS

HOUSTON STREET



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC
#14267	PLOT SCALE = 1"=5'	CHECKED - VM DATE - 04-26-18	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

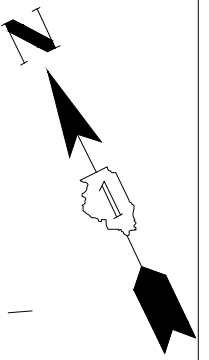
PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND HOUSTON ST. (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
---	-----------------	---------------------	--------------

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-009728

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	59

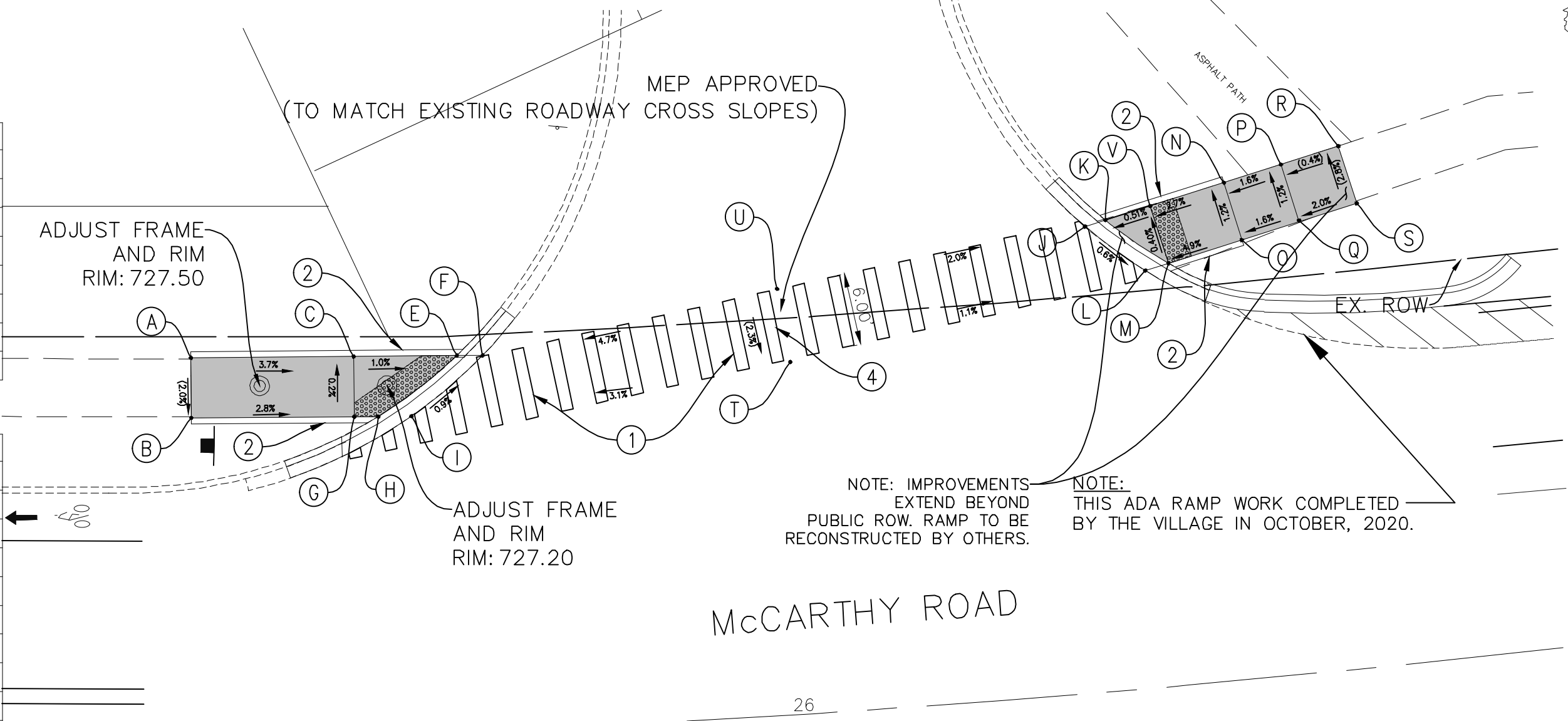
CONTRACT NO. 61G86
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)

LEMONT HIGH SCHOOL ENTRANCE



	STATION	OFFSET	ELEVATION
A	25+50.26	31.22' L	(727.73)
B	25+50.30	26.22' L	(727.63)
C	25+62.76	31.33' L	727.23
E	25+72.37	31.41' L	727.14
F	25+74.52	31.43' L	727.15
G	25+63.84	26.34' L	727.24
H	25+65.84	26.36' L	727.21
I	25+68.60	26.38' L	727.22

	STATION	OFFSET	ELEVATION
J	26+24.61	42.15' L	727.83
K	26+26.31	42.69' L	727.82
L	26+29.63	38.49' L	727.87
M	26+31.54	39.10' L	727.86
N	26+36.16	45.81' L	728.10
O	26+37.65	41.03' L	728.16
P	26+40.90	47.31' L	(728.18)
Q	26+42.40	42.64' L	728.24
R	26+45.69	48.83' L	(728.20)
S	26+47.20	44.06' L	(728.34)
T	26+1.52	48.83 L	(728.20)
U	26+1.84	44.06' L	(728.34)
V	26+30.53	39.98' L	727.84



NOTE: IMPROVEMENTS EXTEND BEYOND PUBLIC ROW. RAMP TO BE RECONSTRUCTED BY OTHERS.

NOTE: THIS ADA RAMP WORK COMPLETED BY THE VILLAGE IN OCTOBER, 2020.

McCARTHY ROAD AND LEMONT HIGH SCHOOL ENTRANCE

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED



IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

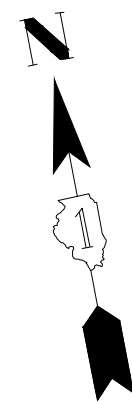
NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB	REVISIONS
#14267		DRAWN - MCL	- 07-01-20 JLC
	PLOT SCALE = 1"=5'	CHECKED - VM	REVISOR - 10-02-20 JLC
	PLOT DATE =	DATE - 04-26-18	REVISOR - 11-04-20 JLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

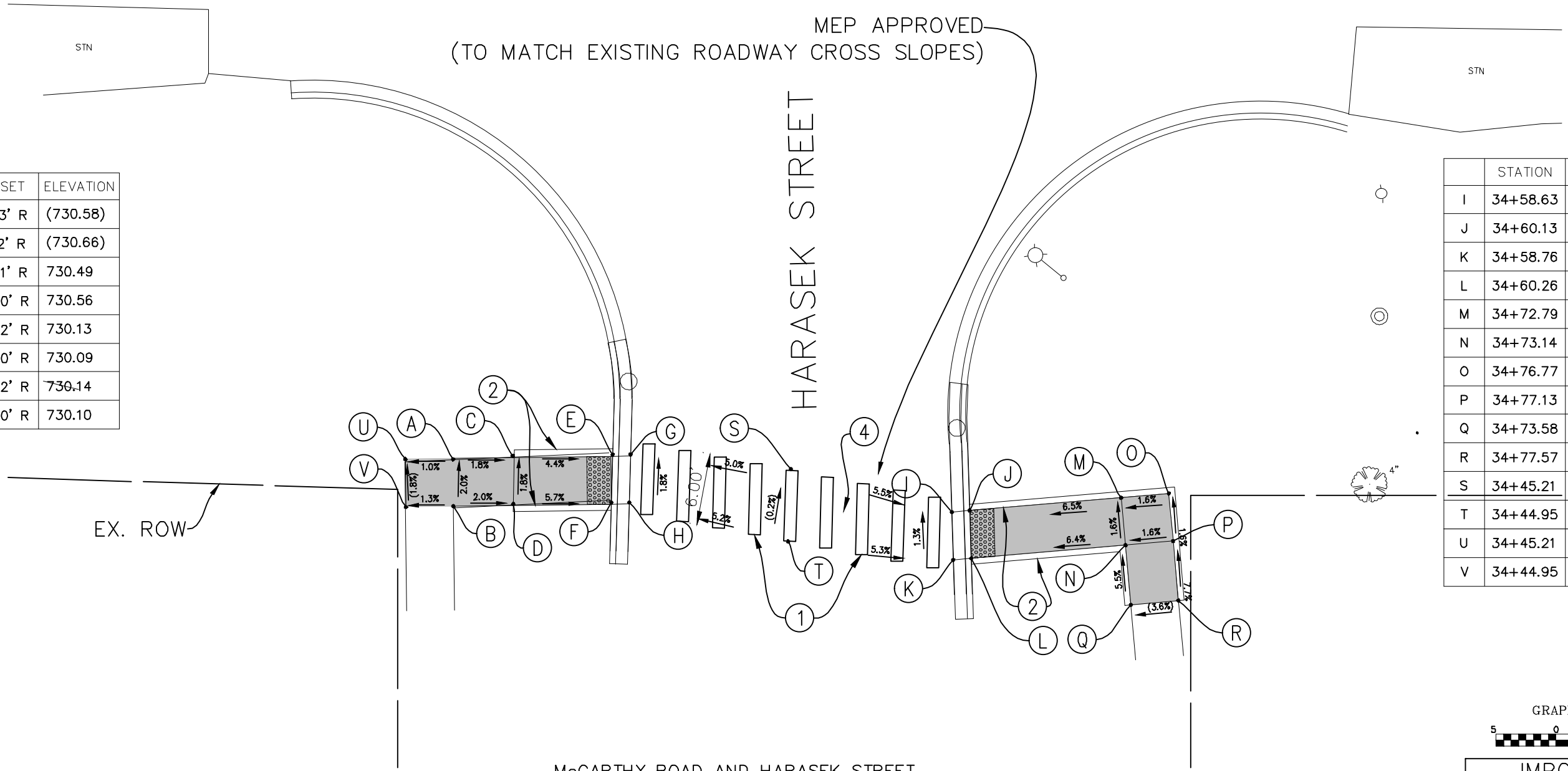
PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY RD. AND LEMONT HIGH SCHOOL (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
---	-----------------	---------------------	--------------

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 60
CONTRACT NO. 61G86			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)	



McCARTHY ROAD

MEP APPROVED
(TO MATCH EXISTING ROADWAY CROSS SLOPES)



	STATION	OFFSET	ELEVATION
A	34+18.38	47.13' R	(730.58)
B	34+18.56	51.12' R	(730.66)
C	34+23.38	46.91' R	730.49
D	34+23.55	50.90' R	730.56
E	34+30.30	46.62' R	730.13
F	34+31.81	46.60' R	730.09
G	34+30.18	50.62' R	730.14
H	34+31.68	50.60' R	730.10

	STATION	OFFSET	ELEVATION
I	34+58.63	51.42' R	730.03
J	34+60.13	51.29' R	730.02
K	34+58.76	55.42' R	730.08
L	34+60.26	55.29' R	730.07
M	34+72.79	50.21' R	730.84
N	34+73.14	54.18' R	730.90
O	34+76.77	49.85' R	730.90
P	34+77.13	53.84' R	730.96
Q	34+73.58	59.15' R	(731.17)
R	34+77.57	58.81' R	(731.35)
S	34+45.21	47.81' R	(730.80)
T	34+44.95	53.87' R	(730.81)
U	34+45.21	47.81' R	(730.54)
V	34+44.95	53.87' R	(730.61)

McCARTHY ROAD AND HARASEK STREET

LEGEND			
	PROPOSED SIDE CURB		SIDEWALK REMOVAL
	(XX.XX') EXISTING ELEVATION		REPLACE W/TOPSOIL & SOD
	PROPOSED SIDEWALK		PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED



IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-00928

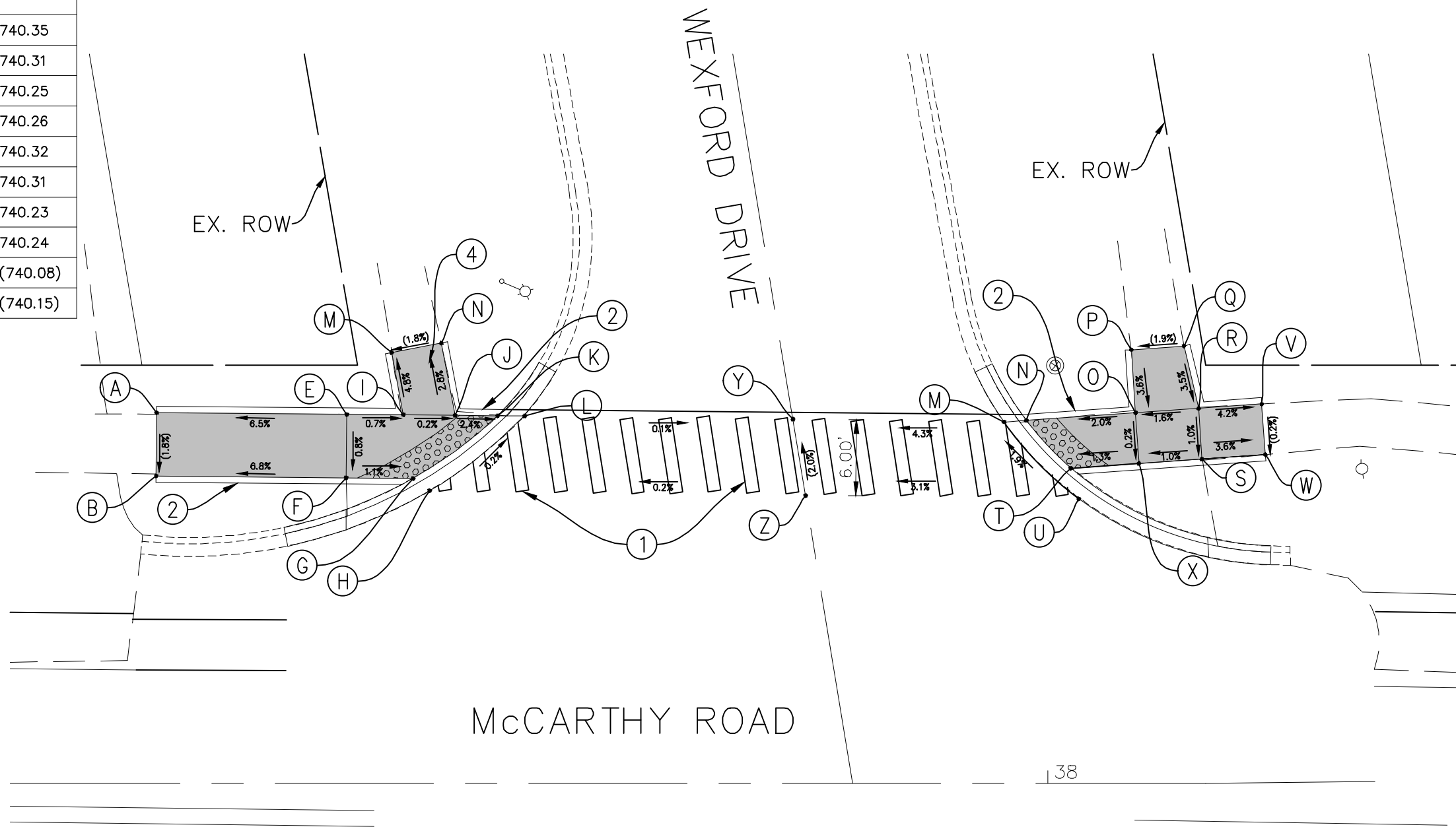
FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED — KRB	REVISED — 07-01-20 JLC
		DRAWN — MCL	REVISED — 10-02-20 JLC
	PLOT SCALE = 1" = 5'	CHECKED — VM	REVISED — 11-04-20 JLC
	PLOT DATE =	DATE — 04-26-18	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND HARASEK STREET (PROPOSED ADA RAMP DETAILS)			
SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	61
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	M-4003(463)	

	STATION	OFFSET	ELEVATION
A	37+29.71	29.24' L	(739.38)
B	37+29.67	24.24' L	(739.29)
C	NOT USED		
D	NOT USED		
E	37+44.71	29.10' L	740.35
F	37+44.67	24.17' L	740.31
G	36+49.94	24.05' L	740.25
H	37+51.24	23.07' L	740.26
I	37+49.17	29.06' L	740.32
J	37+53.25	29.02' L	740.31
K	37+56.63	28.99' L	740.23
L	37+58.75	28.97' L	740.24
M	37+48.24	33.97' L	(740.08)
N	37+52.16	34.71' L	(740.15)



	STATION	OFFSET	ELEVATION
M	37+96.57	28.50' L	740.91
N	37+98.32	28.62' L	740.90
O	38+06.94	29.22' L	741.08
P	38+06.60	34.21' L	(741.26)
Q	38+10.76	34.49' L	(741.34)
R	38+11.91	29.56' L	741.16
S	38+12.19	25.57' L	741.12
T	38+1.83	24.85' L	741.00
U	38+2.46	22.43' L	741.01
V	38+16.56	29.90' L	(740.95)
W	38+17.17	25.92' L	(740.94)
X	38+07.22	25.22' L	741.07
Y	37+80.89	28.71' L	(740.20)
Z	37+79.89	22.69' L	(740.33)

McCARTHY ROAD

38

McCARTHY ROAD AND WEXFORD DRIVE



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX') EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED

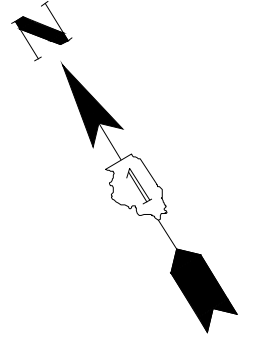
NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC
PLLOT SCALE = 1" = 5'	CHECKED - VM	DATE - 04-26-18	REVISED -
PLLOT DATE =			

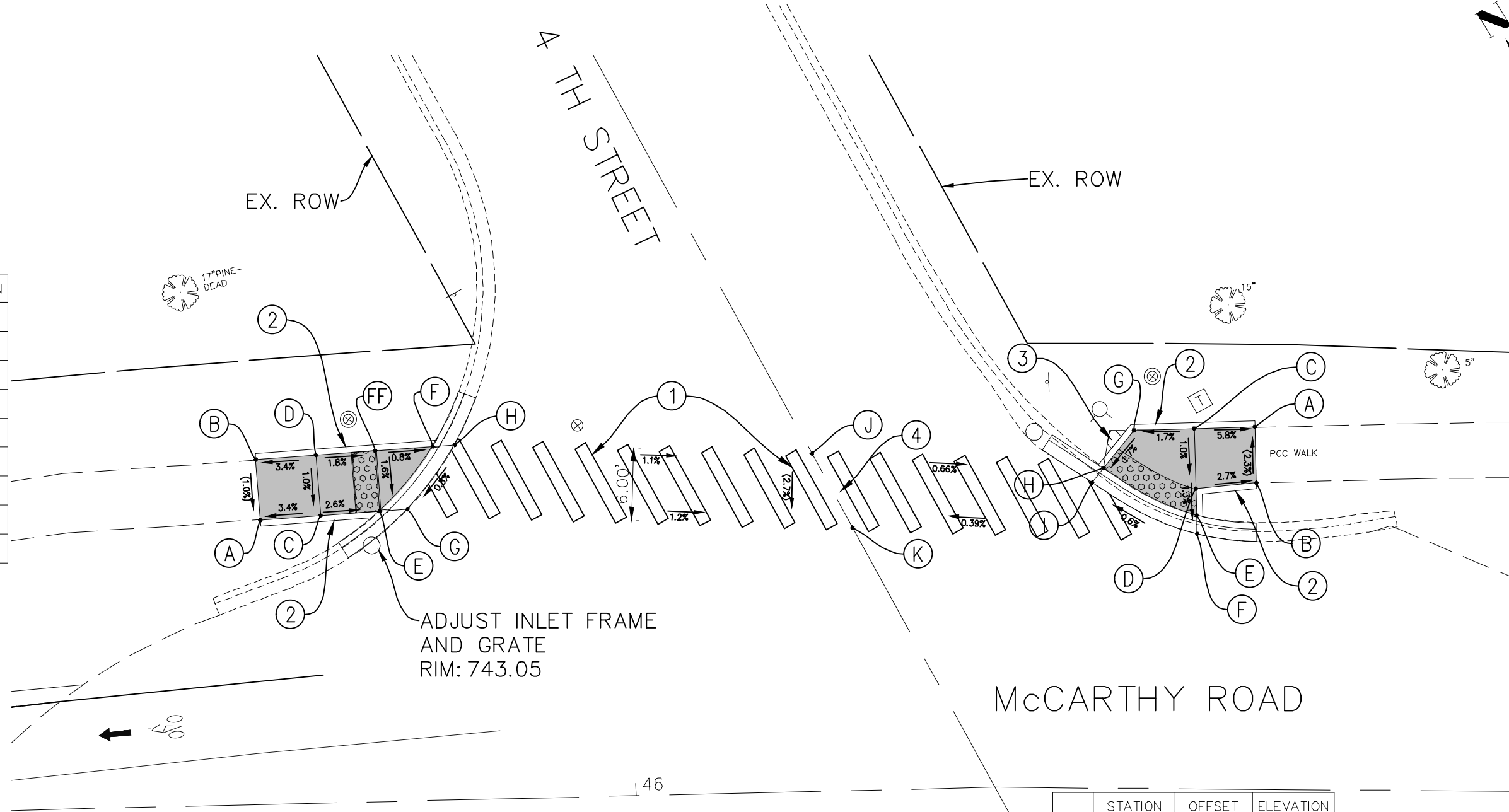
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND WEXFORD DRIVE (PROPOSED ADA RAMP DETAILS)			
SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 62
CONTRACT NO. 61G86				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)				



	STATION	OFFSET	ELEVATION
A	45+72.40	27.10' L	(743.21)
B	45+72.76	32.09' L	(743.26)
C	45+77.40	26.75' L	743.38
D	45+77.74	31.73' L	743.43
E	45+82.28	26.40' L	743.25
F	45+87.39	31.04' L	743.30
G	45+84.59	26.23' L	743.26
H	45+89.20	30.91' L	743.31
FF	45+82.64	31.38' L	743.34



McCARTHY ROAD AND 4TH STREET

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX') EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDECURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED

	STATION	OFFSET	ELEVATION
A	46+50.30	28.75' L	(742.70)
B	46+50.55	24.13' L	(742.81)
C	46+45.31	28.46' L	742.99
D	46+45.58	23.49' L	742.94
E	46+45.70	21.30' L	742.91
F	46+45.76	19.74' L	742.92
G	46+34.40	27.80' L	742.91
H	46+37.90	24.96' L	742.84
I	46+36.99	23.75' L	742.85
J	46+15.17	27.91' L	(742.87)
K	46+18.38	21.74' L	(742.97)



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

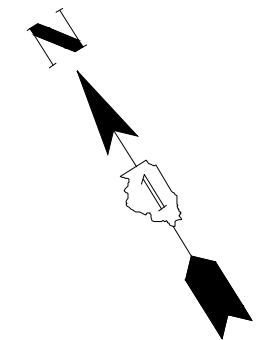
NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC
#14267	PLOT SCALE = 1" = 5'	CHECKED - VM DATE - 04-26-18	REVISED -

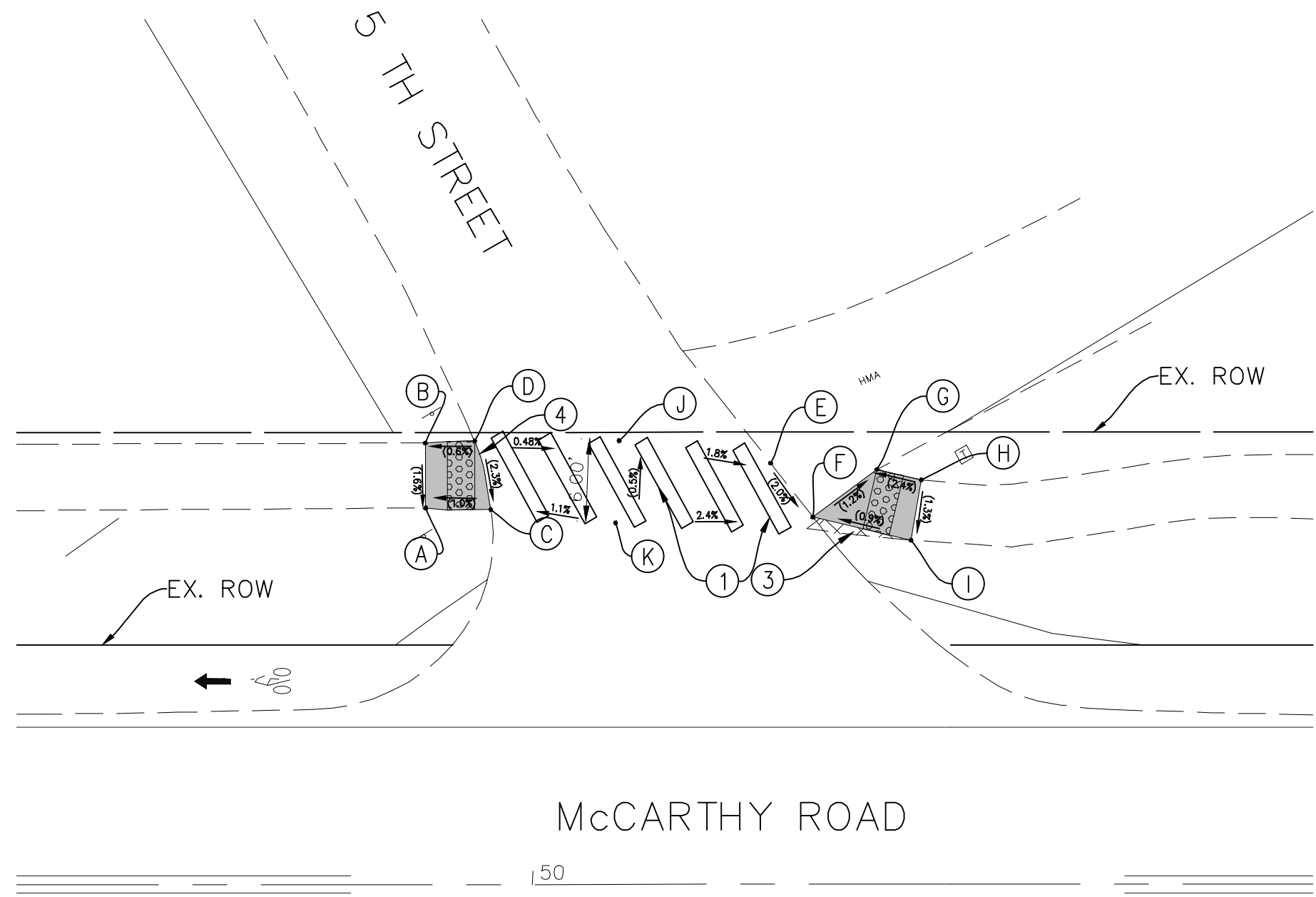
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND 4TH STREET (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
--	-----------------	---------------------	--------------

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 63
CONTRACT NO. 61G86				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)				



	STATION	OFFSET	ELEVATION
A	49+92.16	28.75' L	(739.90)
B	49+92.13	33.49' L	(740.03)
C	49+96.92	28.64' L	739.93
D	49+95.74	33.63' L	(740.05)



McCARTHY ROAD AND 5TH STREET

LEGEND

PROPOSED SIDE CURB	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
(XX.XX) EXISTING ELEVATION	PROPOSED DETECTABLE WARNINGS
PROPOSED SIDEWALK	

IMPROVEMENTS LEGEND

- ① PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
- ② PROPOSED VARIABLE HEIGHT SIDE CURB
- ③ REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
- ④ MEP FORM REQUIRED

	STATION	OFFSET	ELEVATION
E	50+17.35	32.05' L	(739.80)
F	50+20.01	27.26' L	(739.69)
G	50+25.12	31.60' L	(739.76)
H	50+28.36	30.83' L	(739.68)
I	50+27.60	26.43' L	(739.62)
J	50+6.32	32.40' L	(740.00)
K	50+6.06	26.38' L	(740.03)



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED — KRB	REVISED — 07-01-20 JLC
		DRAWN — MCL	REVISED — 10-02-20 JLC
	PLOT SCALE = 1" = 5'	CHECKED — VM	REVISED — 11-04-20 JLC
	PLOT DATE =	DATE — 04-26-18	REVISED —

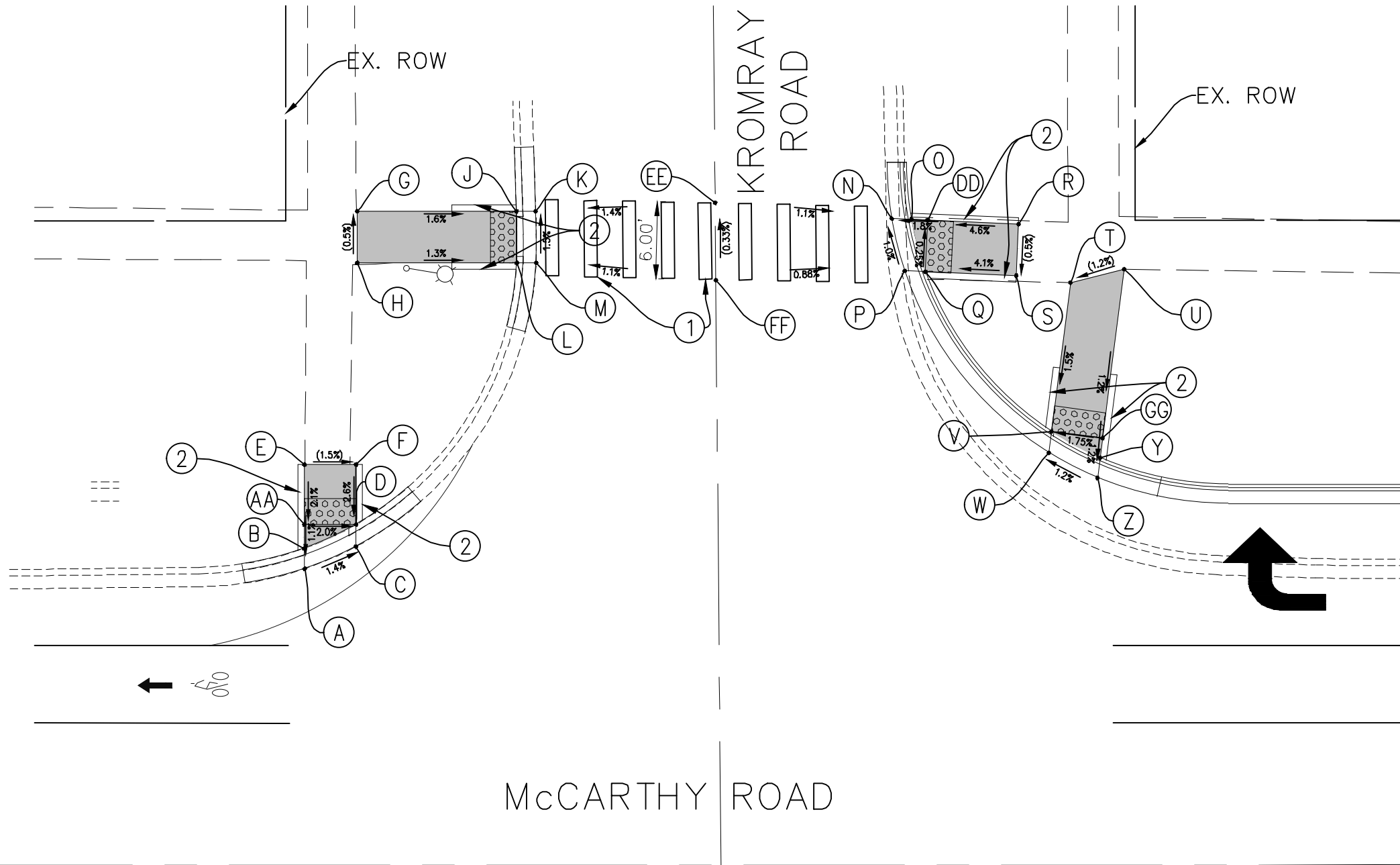
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND 5TH STREET
 (PROPOSED ADA RAMP DETAILS)

SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA.	TO STA.
-----------------	-----------	-----------	------	---------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	64
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			M-4003(463)	

	STATION	OFFSET	ELEVATION
A	56+37.59	24.53' L	739.76
B	56+37.59	26.12' L	739.75
C	56+41.47	26.19' L	739.70
D	56+41.59	27.97' L	739.69
E	56+37.58	32.62' L	(739.87)
F	56+41.58	32.62' L	(739.81)
G	56+41.68	52.27' L	(739.44)
H	56+41.68	48.27' L	(739.46)
J	56+54.05	52.27' L	739.24
K	56+55.55	52.27' L	739.25
L	56+54.08	48.27' L	739.30
M	56+55.58	48.27' L	739.31
AA	56+37.62	26.42' L	739.77
BB	56+37.16	0.00	(740.17)
CC	56+43.13	0.00	(740.16)
DD	56+86.05	50.03' L	739.32
EE	56+69.97	51.39' L	(739.45)
FF	56+69.98	45.38' L	(739.47)
GG	56+99.63	33.12' L	739.58
HH	56+96.63	0.00	(740.17)
II	57+2.37	0.00	(740.18)



	STATION	OFFSET	ELEVATION
N	56+83.19	51.71' L	739.30
O	56+84.73	51.64' L	739.29
P	56+84.20	47.66' L	739.34
Q	56+85.81	47.59' L	739.33
R	56+93.04	51.27' L	(739.64)
S	56+92.86	47.28' L	(739.62)
T	56+97.06	46.75' L	(739.69)
U	57+01.24	47.78' L	(739.74)
V	56+95.49	35.32' L	739.51
W	56+95.23	33.62' L	739.52
Y	56+99.23	33.19' L	739.56
Z	56+99.02	31.65' L	739.57

McCARTHY ROAD AND KROMRAY ROAD (NORTH SIDE)

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX') EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED



IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-009728

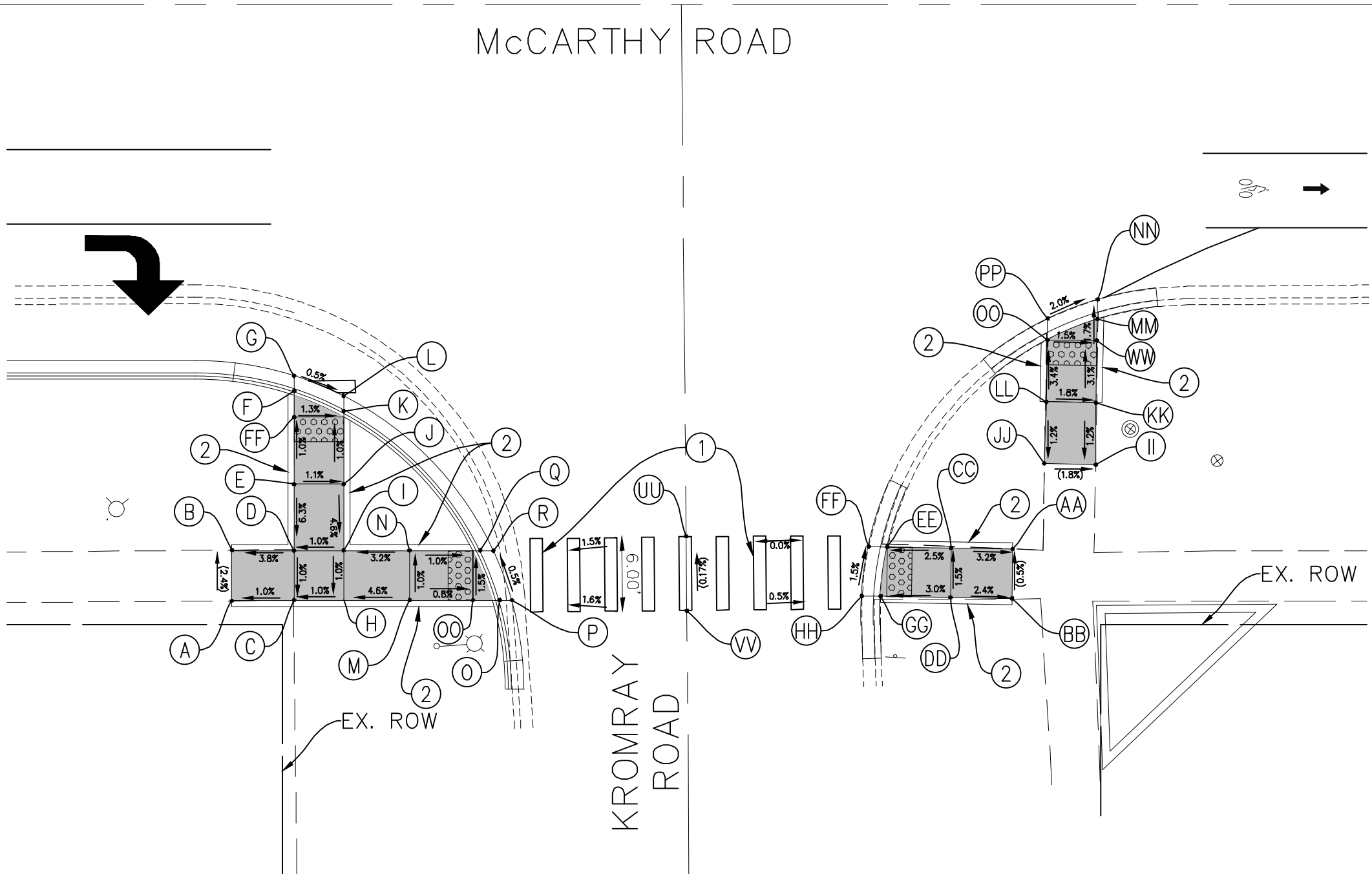
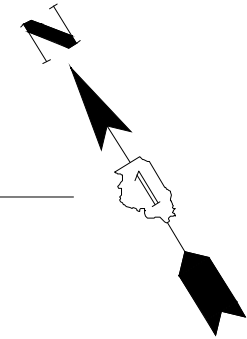
FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC
#14267	PLOT SCALE = 1" = 5'	CHECKED - VM DATE - 04-26-18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY RD. AND KROMRAY RD. (NORTH SIDE) (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
---	-----------------	---------------------	--------------

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 65
CONTRACT NO. 61G86				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)

	STATION	OFFSET	ELEVATION
A	56+33.66	46.53' R	(739.42)
B	56+33.66	42.42' R	(739.32)
C	56+38.68	46.47' R	739.47
D	56+38.68	42.47' R	739.51
E	56+38.69	37.12' R	739.85
F	56+38.69	29.61' R	739.76
G	56+38.68	28.04' R	739.77
H	56+42.68	46.47' R	739.51
I	56+42.68	42.47' R	739.55
J	56+43.03	37.12' R	739.80
K	56+42.68	31.24' R	739.74
L	56+42.68	29.57' R	739.75
M	56+48.01	46.47' R	739.76
N	56+48.19	42.47' R	739.72
O	56+55.25	46.47' R	739.68
P	56+56.81	46.47' R	739.69
Q	56+53.70	42.47' R	739.66
R	56+55.36	42.47' R	739.67
FF	56+38.68	31.71' R	739.79
OO	56+53.10	46.48' R	739.72



	STATION	OFFSET	ELEVATION
AA	56+96.62	42.35' R	(739.86)
BB	56+96.55	46.35' R	(739.84)
CC	56+91.59	42.27' R	740.02
DD	56+91.59	46.27' R	739.96
EE	56+86.53	42.18' R	739.89
FF	56+85.00	42.15' R	739.90
GG	56+85.97	46.17' R	739.79
HH	56+84.47	46.14' R	739.80
II	57+03.03	35.57' R	(739.94)
JJ	56+99.12	35.50' R	(740.01)
KK	57+03.33	30.57' R	740.00
LL	56+99.33	30.50' R	740.07
MM	57+03.44	23.81' R	739.81
NN	57+03.47	22.24' R	739.82
OO	56+99.41	25.50' R	739.90
PP	56+99.44	23.78' R	739.91
QQ	57+4.61	0.0	(740.18)
RR	56+98.59	0.0	(740.17)
SS	56+45.13	0.0	(740.16)
TT	56+39.12	0.0	(740.17)
UU	56+72.33	42.87' R	(739.90)
VV	56+72.39	48.87' R	(739.91)
WW	57+5.44	27.09'R	739.84

McCARTHY ROAD AND KROMRAY ROAD (SOUTH SIDE)

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX') EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
	1 PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
	2 PROPOSED VARIABLE HEIGHT SIDECURB
	3 REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
	4 MEP FORM REQUIRED



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

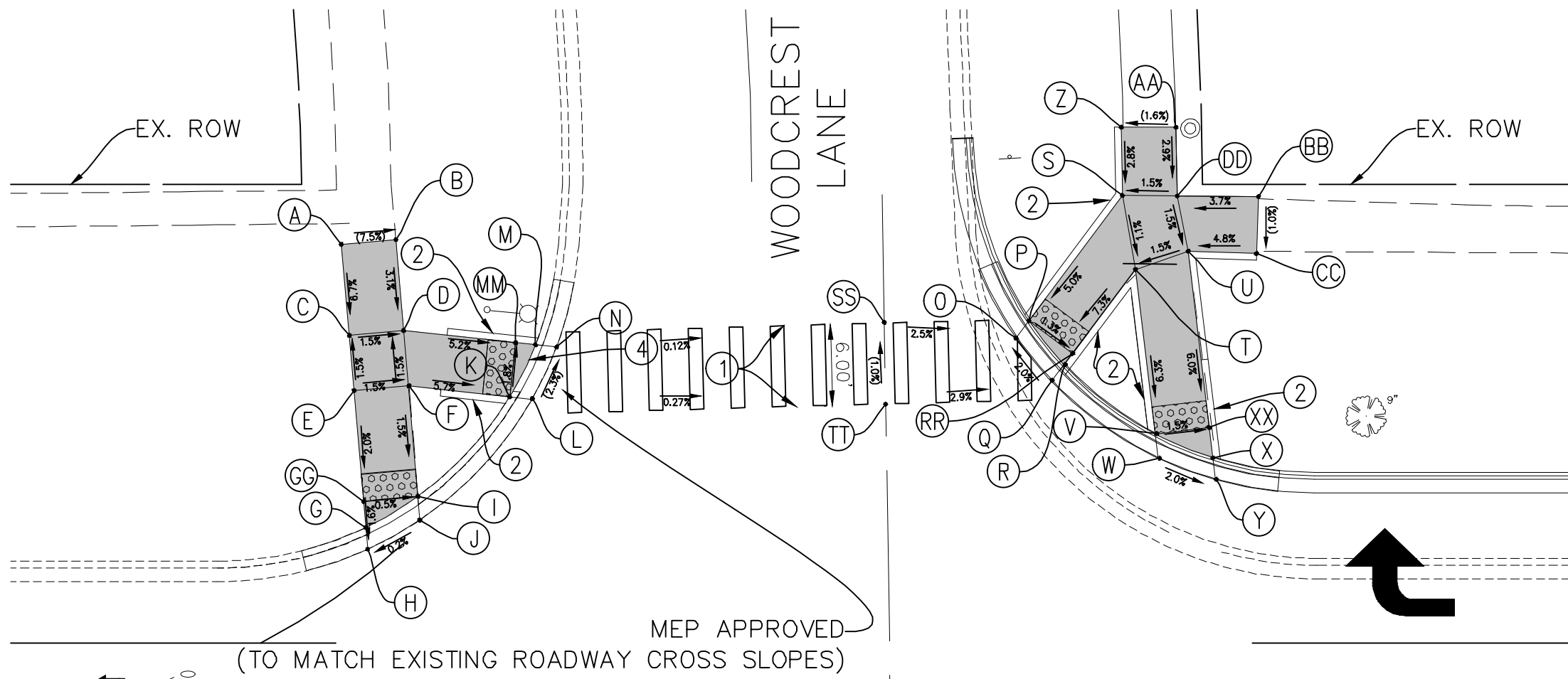
NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-00928

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB	REVISED - 07-01-20 JLC
		DRAWN - MCL	REVISED - 10-02-20 JLC
	PLOT SCALE = 1"=5'	CHECKED - VM	REVISED - 11-04-20 JLC
	PLOT DATE =	DATE - 04-26-18	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY RD. AND KROMRAY RD. (SOUTH SIDE) (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA.	TO STA.
---	-----------------	-----------	-----------	------	---------

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 66
CONTRACT NO. 61G86				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)				



	STATION	OFFSET	ELEVATION
AA	65+36.52	47.12' L	738.25
BB	65+36.52	47.12' L	738.33
CC	65+36.52	47.12' L	738.29
DD	65+36.52	47.12' L	738.11
O	65+23.91	40.75' L	737.49
P	65+24.86	42.02' L	737.48
Q	65+26.49	37.59' L	737.43
R	65+27.43	38.78' L	737.42
S	65+31.72	51.20' L	738.05
T	65+32.66	45.77' L	737.99
U	65+36.52	47.12' L	738.05
V	65+34.09	33.72' L	737.23
W	65+34.30	31.94' L	737.24
X	65+38.32	31.98' L	737.14
Y	65+38.52	30.36' L	737.15
Z	65+36.52	47.12' L	738.19
RR	65+28.03	39.63' L	737.43
XX	65+38.06	34.19' L	737.17
YY	64+74.48	0.0	(738.18)
ZZ	64+80.48	0.0	(738.14)
SS	65+14.28	39.89' L	(737.73)
TT	65+38.52	33.89' L	(737.79)
EE	65+33.39	0.0	(737.65)
FF	65+39.39	0.0	(737.60)

	STATION	OFFSET	ELEVATION
A	64+74.52	47.68' L	(738.72)
B	64+78.50	48.02' L	(738.42)
C	64+75.08	41.01' L	738.27
D	64+79.07	41.35' L	738.21
E	64+75.43	36.95' L	738.33
F	64+79.41	37.29' L	738.27
G	64+76.28	26.92' L	738.14
H	64+76.42	25.33' L	738.15
I	64+80.10	29.19' L	738.15
J	64+80.25	27.47' L	738.16
K	64+86.83	36.48' L	737.85
L	64+88.47	36.30' L	737.86
M	64+88.72	40.30' L	737.75
N	64+90.26	40.13' L	737.76
MM	64+87.26	40.46' L	737.78
GG	64+76.09	26.78' L	738.17

McCARTHY ROAD

McCARTHY ROAD AND WOODCREST LANE (NORTH SIDE)

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
	PROPOSED VARIABLE HEIGHT SIDECURB
	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
	MEP FORM REQUIRED



IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

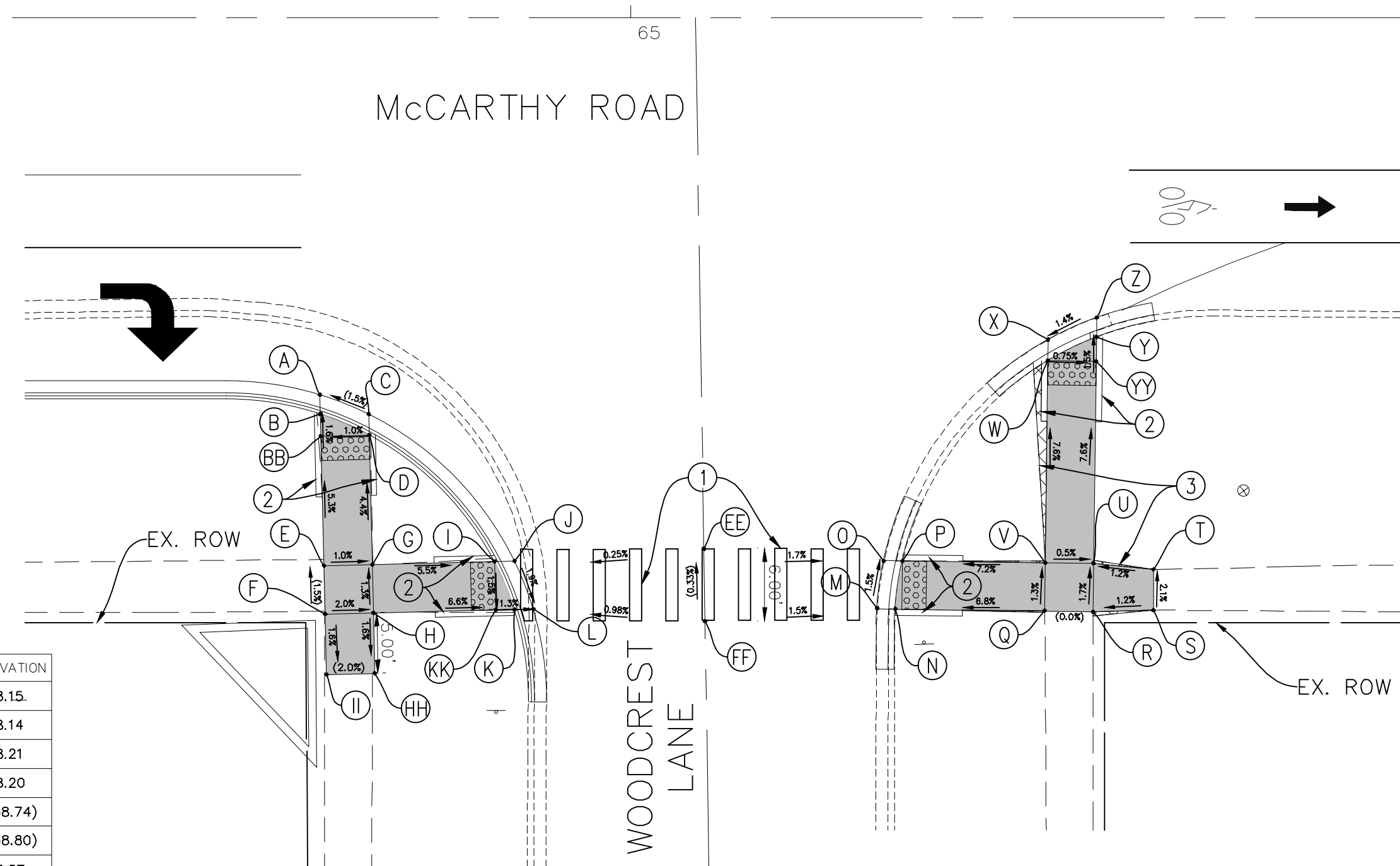
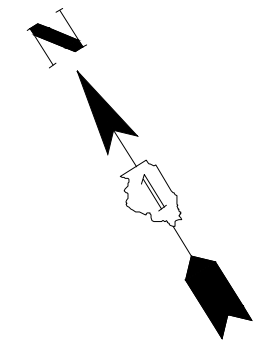
NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - 11-04-20 JLC
#14267	PLOT SCALE = 1" = 5' PLOT DATE =	CHECKED - VM DATE - 04-26-18	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY RD. AND WOODCREST LN. (NORTH SIDE) (PROPOSED ADA RAMP DETAILS)	SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.
---	-----------------	---------------------	--------------

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 67
CONTRACT NO. 61G86			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)	



McCARTHY ROAD

WOODCREST LANE

McCARTHY ROAD AND WOODCREST LANE

	STATION	OFFSET	ELEVATION
M	65+20.31	46.83' R	737.97
N	65+21.81	46.85' R	737.96
O	65+20.87	42.84' R	737.91
P	65+22.40	42.86' R	737.90
Q	65+34.13	47.00' R	(738.80)
R	65+38.13	47.08' R	(738.80)
S	65+43.13	46.96' R	(738.86)
T	65+43.15	43.57' R	(738.79)
U	65+38.19	43.08' R	738.73
V	65+34.19	43.02' R	738.75
W	65+34.42	26.33' R	737.49
X	65+34.45	24.58' R	737.50
Y	65+38.45	24.37' R	737.43
Z	65+38.48	22.76' R	737.44
YY	65+38.42	26.38' R	737.46
AA	64+74.48	0.00	(738.18)
GG	64+80.48	0.00	(738.14)
CC	65+33.39	0.00	(737.65)
DD	65+39.39	0.00	(737.60)
EE	65+6.03	43.87' R	(738.16)
FF	65+6.12	49.86' R	(738.18)

	STATION	OFFSET	ELEVATION
A	64+74.26	29.10' R	738.15
B	64+74.30	30.69' R	738.14
C	64+78.30	30.71' R	738.21
D	64+78.34	32.42' R	738.20
E	64+74.58	43.21' R	(738.74)
F	64+74.68	47.21' R	(738.80)
G	64+78.58	43.12' R	738.67
H	64+78.68	47.12' R	738.72
I	64+88.68	42.89' R	738.11
J	64+90.34	42.85' R	738.12
K	64+90.33	46.85' R	738.03
L	64+91.88	46.81' R	738.04

	STATION	OFFSET	ELEVATION
BB	64+74.33	32.51' R	738.17
KK	64+88.76	46.89' R	738.05
HH	64+78.84	54.17' R	(738.64)
II	64+74.48	54.26' R	(738.72)

LEGEND

	PROPOSED SIDE CURB		SIDEWALK REMOVAL
	EXISTING ELEVATION (XX.XX')		REPLACE W/TOPSOIL & SOD
	PROPOSED SIDEWALK		PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND

- ① PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
- ② PROPOSED VARIABLE HEIGHT SIDE CURB
- ③ REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
- ④ MEP FORM REQUIRED



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
 Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED — KRB DRAWN — MCL	REVISED — 07-01-20 JLC REVISED — 10-02-20 JLC REVISED — 11-04-20 JLC
#14267	PLOT SCALE = 1"=5'	CHECKED — VM DATE — 04-26-18	REVISIONS

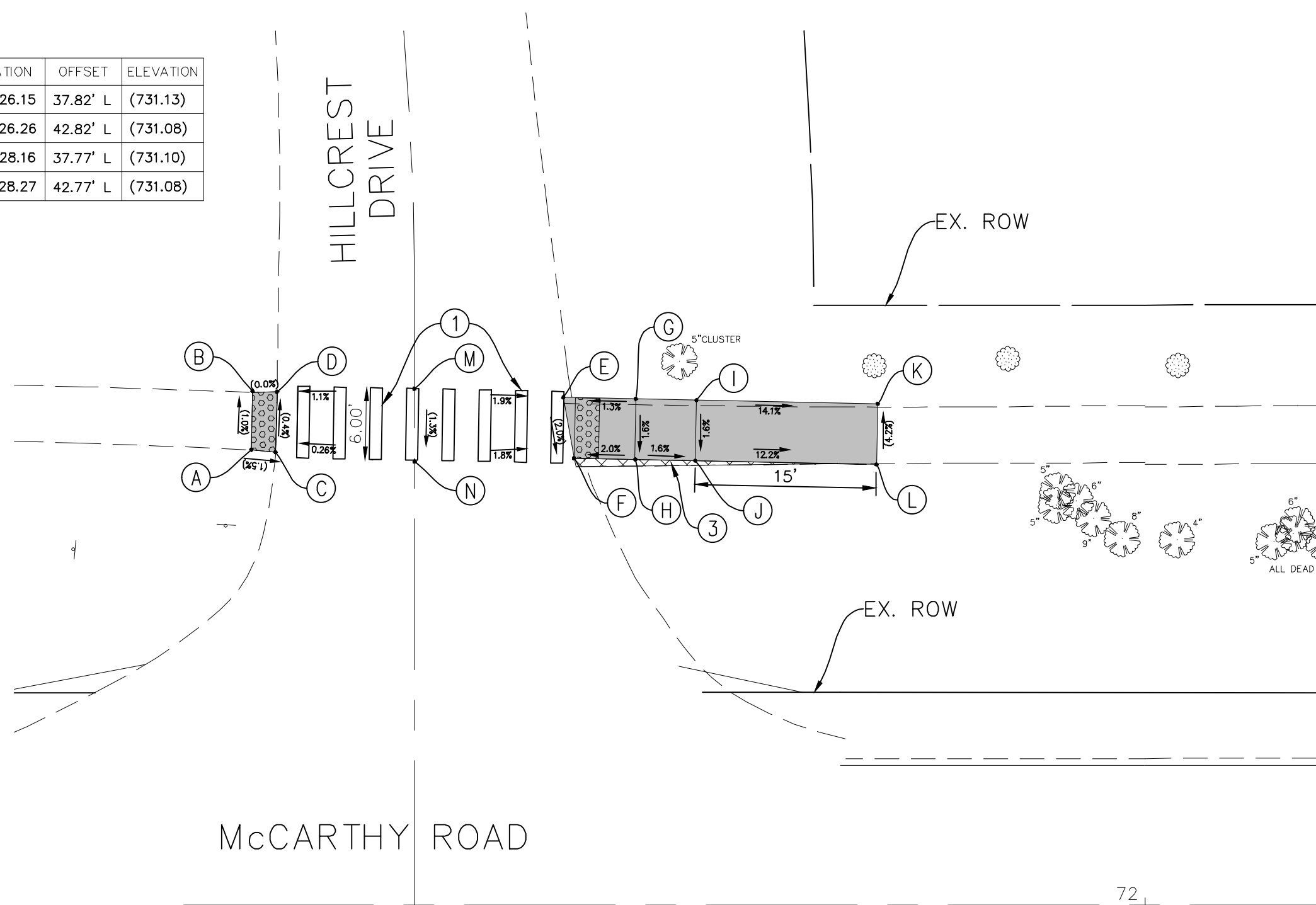
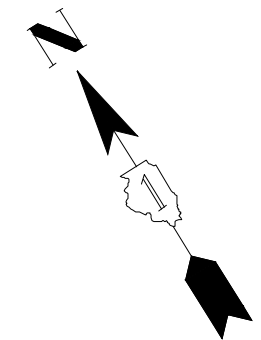
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN:
 FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY RD. AND WOODCREST LN. (SOUTH SIDE)
 (PROPOSED ADA RAMP DETAILS)

SCALE: AS NOTED SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 68
CONTRACT NO. 61G86				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)

	STATION	OFFSET	ELEVATION
A	71+26.15	37.82' L	(731.13)
B	71+26.26	42.82' L	(731.08)
C	71+28.16	37.77' L	(731.10)
D	71+28.27	42.77' L	(731.08)



	STATION	OFFSET	ELEVATION
E	71+51.95	42.27' L	(730.99)
F	71+52.84	37.25' L	(730.89)
G	71+56.89	42.16' L	731.07
H	71+57.89	37.14' L	730.99
I	71+62.94	42.03' L	730.99
J	71+62.83	37.03' L	730.91
K	71+77.94	41.71' L	(728.87)
L	71+77.83	36.71' L	(729.08)
M	71+39.60	42.69' L	(731.21)
N	71+39.62	36.67' L	(731.13)

McCARTHY ROAD

HILLCREST DRIVE

McCARTHY ROAD AND HILLCREST DRIVE

LEGEND	
	PROPOSED SIDE CURB
	(XX.XX) EXISTING ELEVATION
	PROPOSED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	PROPOSED DETECTABLE WARNINGS

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED



IMPORTANT!
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

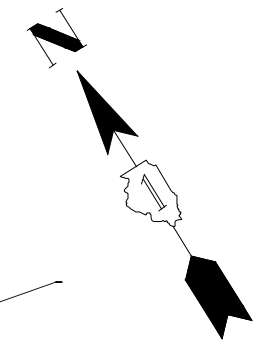
NOVOTNY ENGINEERING
Willowbrook, IL 60527
T: (630) 887.8640
F: (630) 887.0132
Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED - KRB DRAWN - MCL CHECKED - VM DATE - 04-26-18	REVISED - 07-01-20 JLC REVISED - 10-02-20 JLC REVISED - REVISED -
#14267	PLOT SCALE = 1" = 5'	PLOT DATE =	

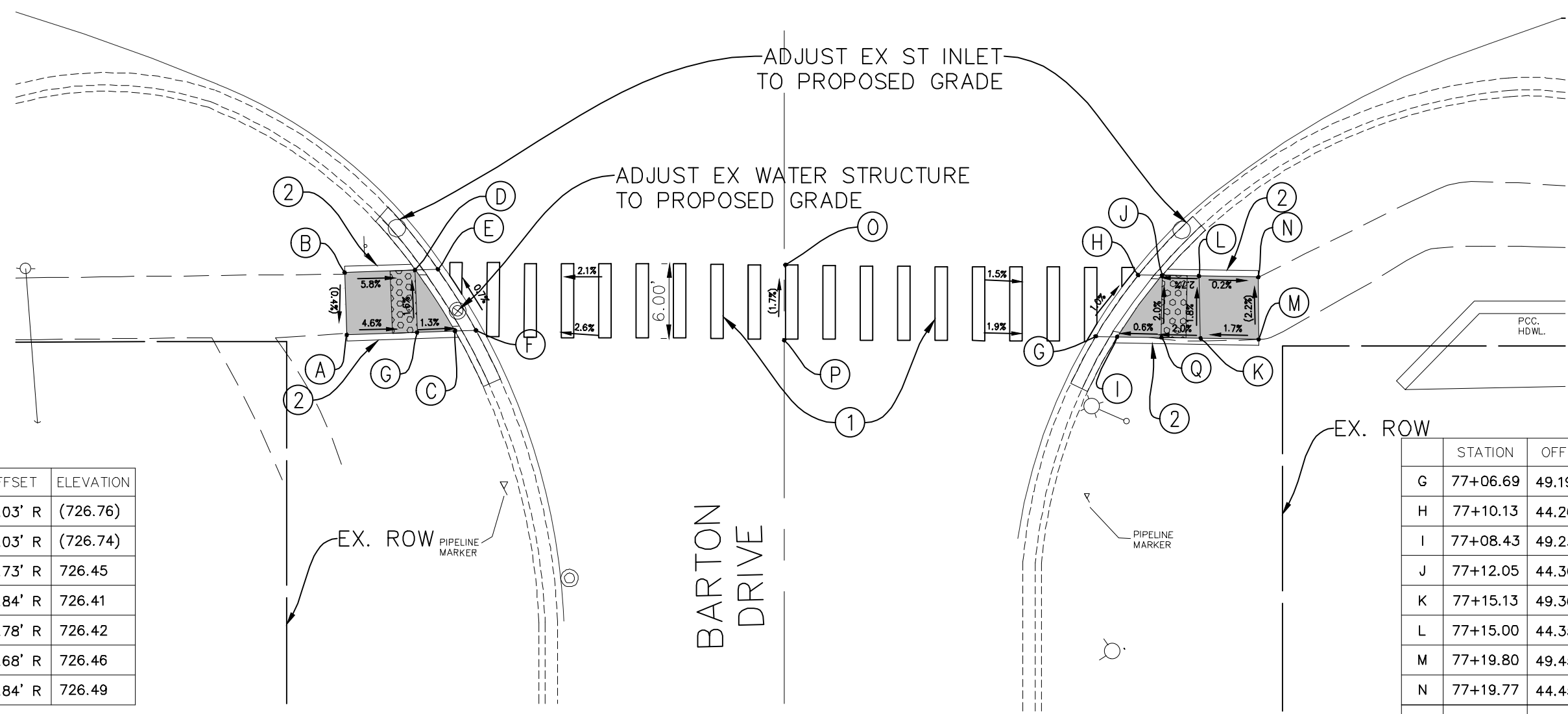
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND HILLCREST DR. (PROPOSED ADA RAMP DETAILS)			
SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 69
CONTRACT NO. 61G86			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)	



McCARTHY ROAD



	STATION	OFFSET	ELEVATION
A	76+46.56	49.03' R	(726.76)
B	76+46.39	44.03' R	(726.74)
C	76+55.26	48.73' R	726.45
D	76+52.05	43.84' R	726.41
E	76+53.88	43.78' R	726.42
F	76+56.95	48.68' R	726.46
G	76+52.21	48.84' R	726.49

	STATION	OFFSET	ELEVATION
G	77+06.69	49.19' R	726.64
H	77+10.13	44.26' R	726.58
I	77+08.43	49.23' R	726.63
J	77+12.05	44.30' R	726.57
K	77+15.13	49.36' R	726.67
L	77+15.00	44.35' R	726.65
M	77+19.80	49.45' R	(726.75)
N	77+19.77	44.45' R	(726.64)
O	76+75.22	39.98' R	(727.01)
P	76+76.57	45.83' R	(727.11)
Q	77+19.77	44.45' R	726.65

McCARTHY ROAD AND BARTON DRIVE

LEGEND			
	PROPOSED SIDE CURB		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	(XX.XX) EXISTING ELEVATION		PROPOSED DETECTABLE WARNINGS
	PROPOSED SIDEWALK		

IMPROVEMENTS LEGEND	
①	PROPOSED HIGH VISIBILITY PAVEMENT MARKING CROSSWALK
②	PROPOSED VARIABLE HEIGHT SIDE CURB
③	REMOVE EXISTING WALK REPLACE W/TOPSOIL & SOD
④	MEP FORM REQUIRED



IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

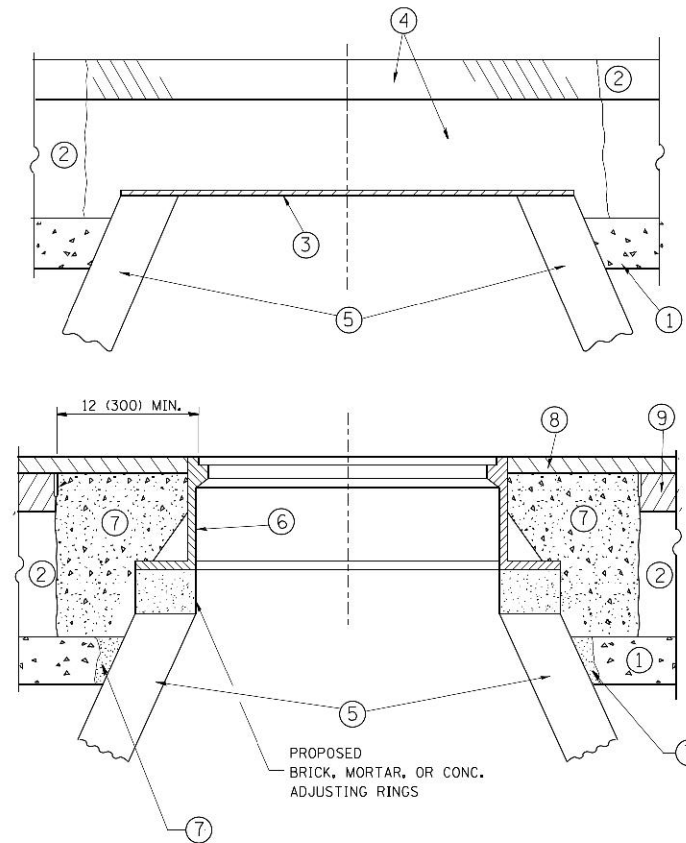
NOVOTNY ENGINEERING
 Willowbrook, IL 60527
 T: (630) 887.8640
 F: (630) 887.0132
Illinois Professional Design Firm No. 184-009728

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD) BICYCLE LANES	USER NAME	DESIGNED — KRB	REVISED — 07-01-20 JLC
		DRAWN — MCL	REVISED — 10-02-20 JLC
	PLOT SCALE = 1" = 5'	CHECKED — VM	REVISED —
	PLOT DATE =	DATE — 04-26-18	REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN: FAU 1587 (McCARTHY ROAD) - (BIKE LANES) McCARTHY ROAD AND BARTON DRIVE (PROPOSED ADA RAMP DETAILS)			
SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 70
CONTRACT NO. 61G86				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT M-4003(463)



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

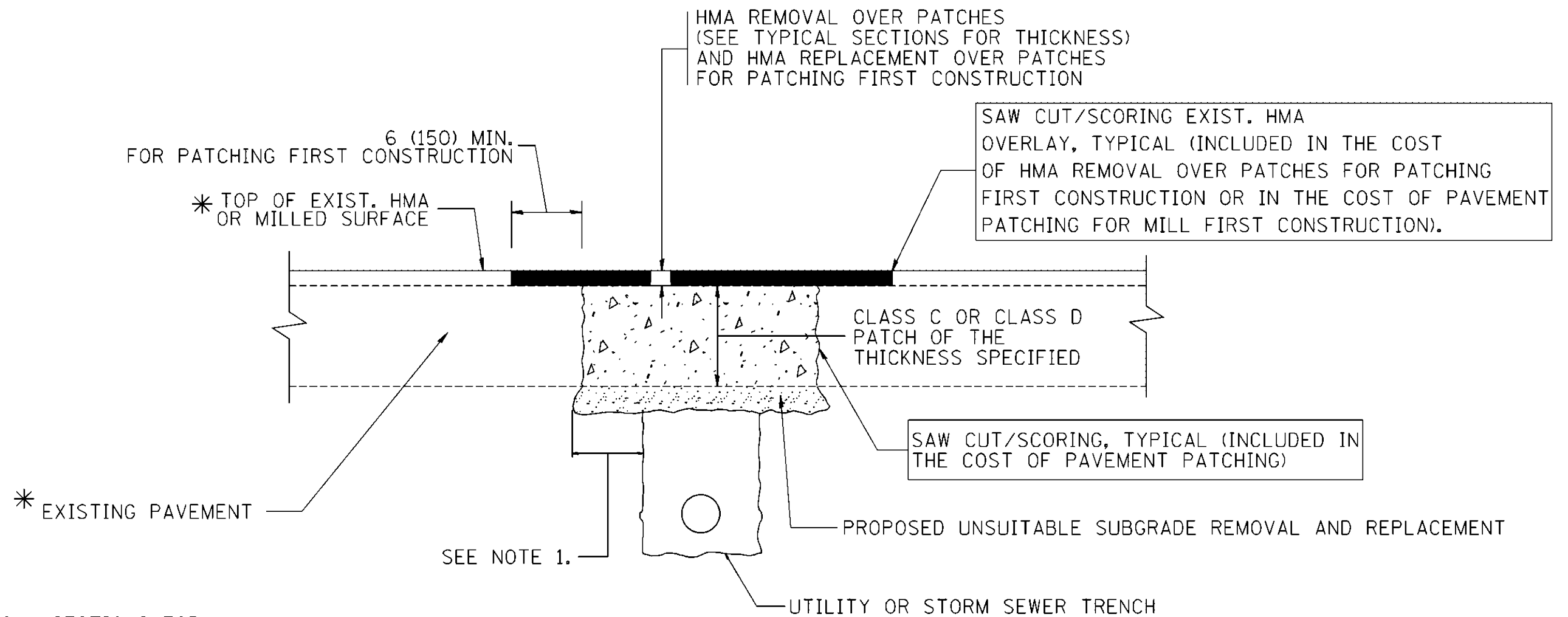
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauer-d	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
ca:\p\work\p\uidot\baue-d\120108315\bd08.dgn		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	71
BD600-03 (BD-8)		CONTRACT NO. 61G86		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		7805 (279)



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

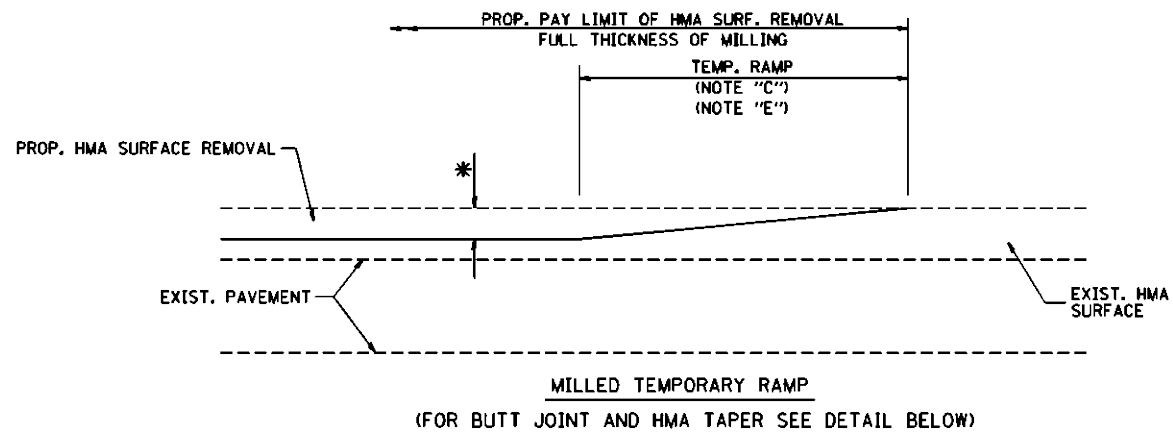
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

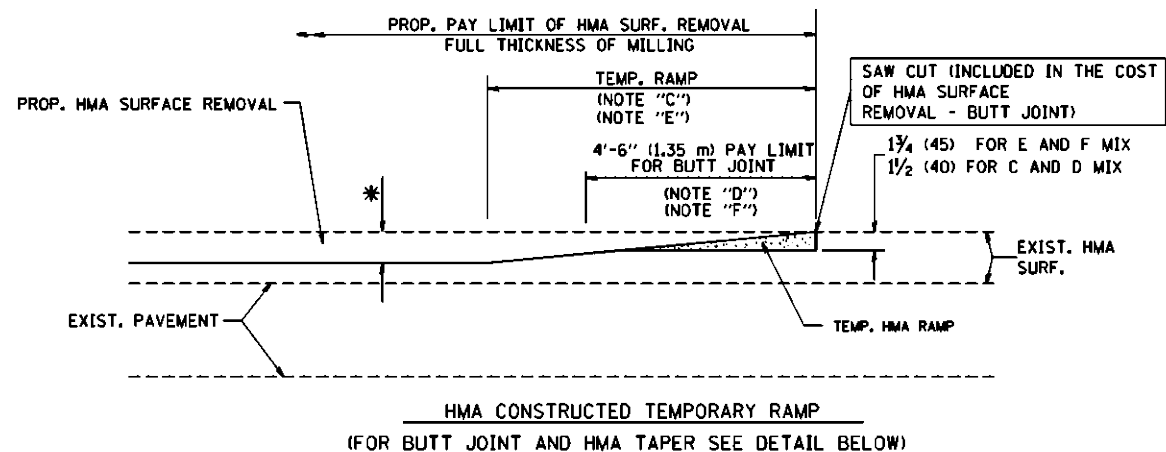
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = c:\projects\dststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000' / IN.	DRAWN -	REVISED - R. BORO 01-01-07		1587	14-00052-00-BT	COOK	91	72			
	PLOT DATE = 10/27/2008	CHECKED -	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)		CONTRACT NO. 61GB6					
		DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	7805 (279)		

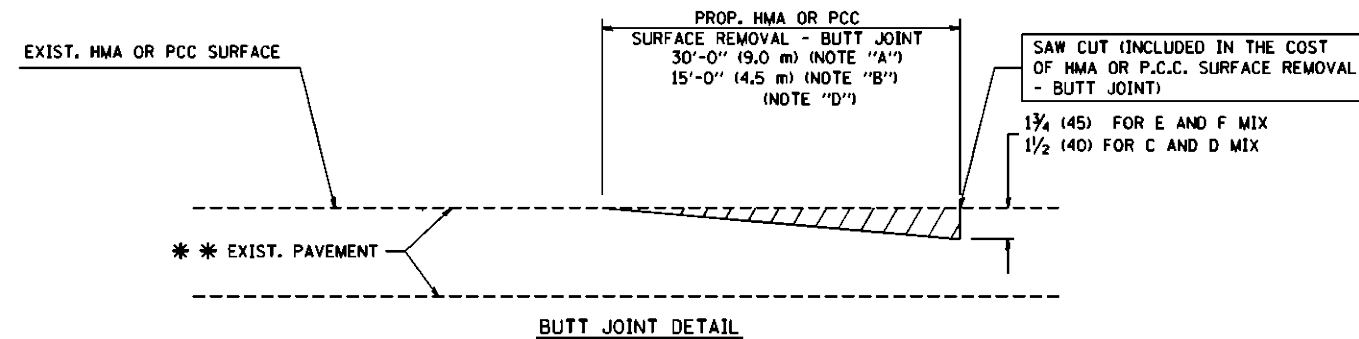


OPTION 1

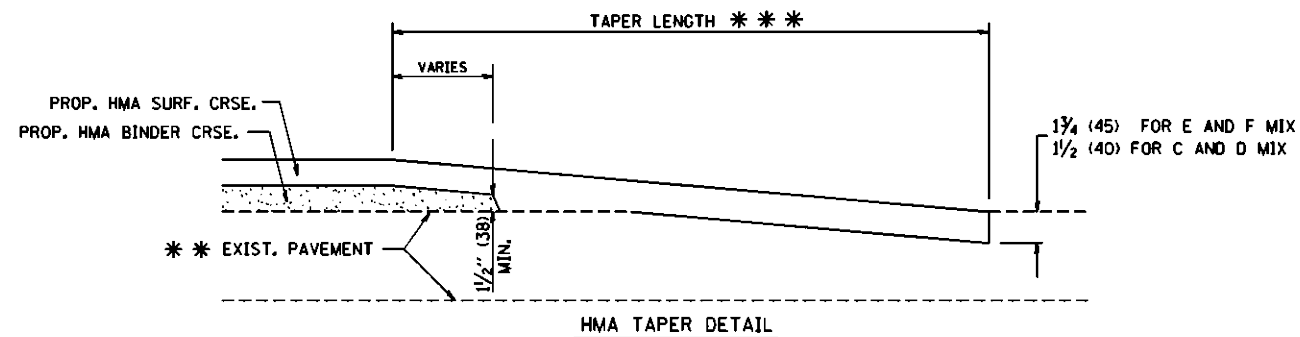


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

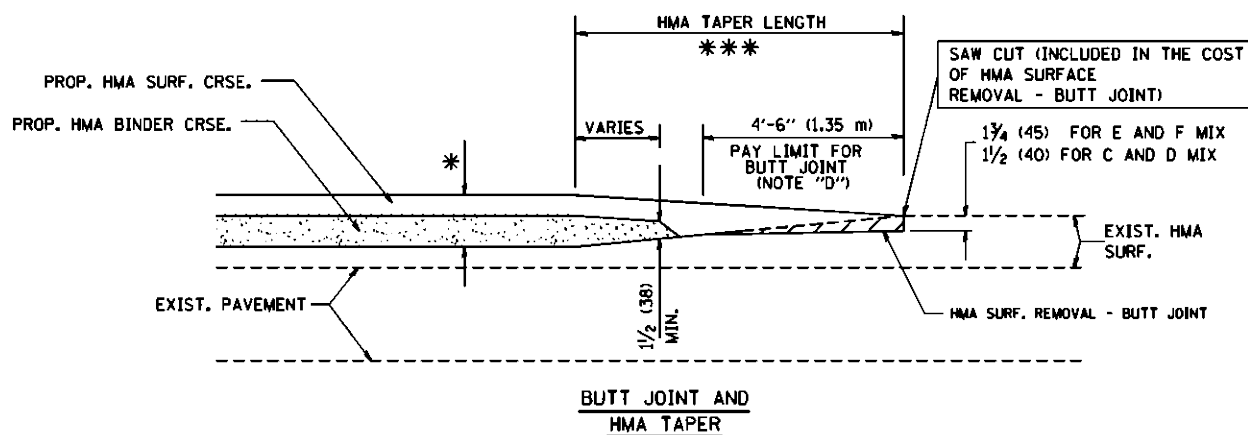
NOTES

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

BASIS OF PAYMENT:

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

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME = W:\data\0722x34\bd32.dgn

USER NAME = gogienob

DESIGNED - M. DE YONG

REVISED - R. SHAH 10-25-94

PLOT SCALE = 50,0000' / IN.

DRAWN -

REVISED - A. ABBAS 03-21-97

PLOT DATE = 1/4/2008

CHECKED -

REVISED - M. GOMEZ 04-06-01

DATE - 06-13-90

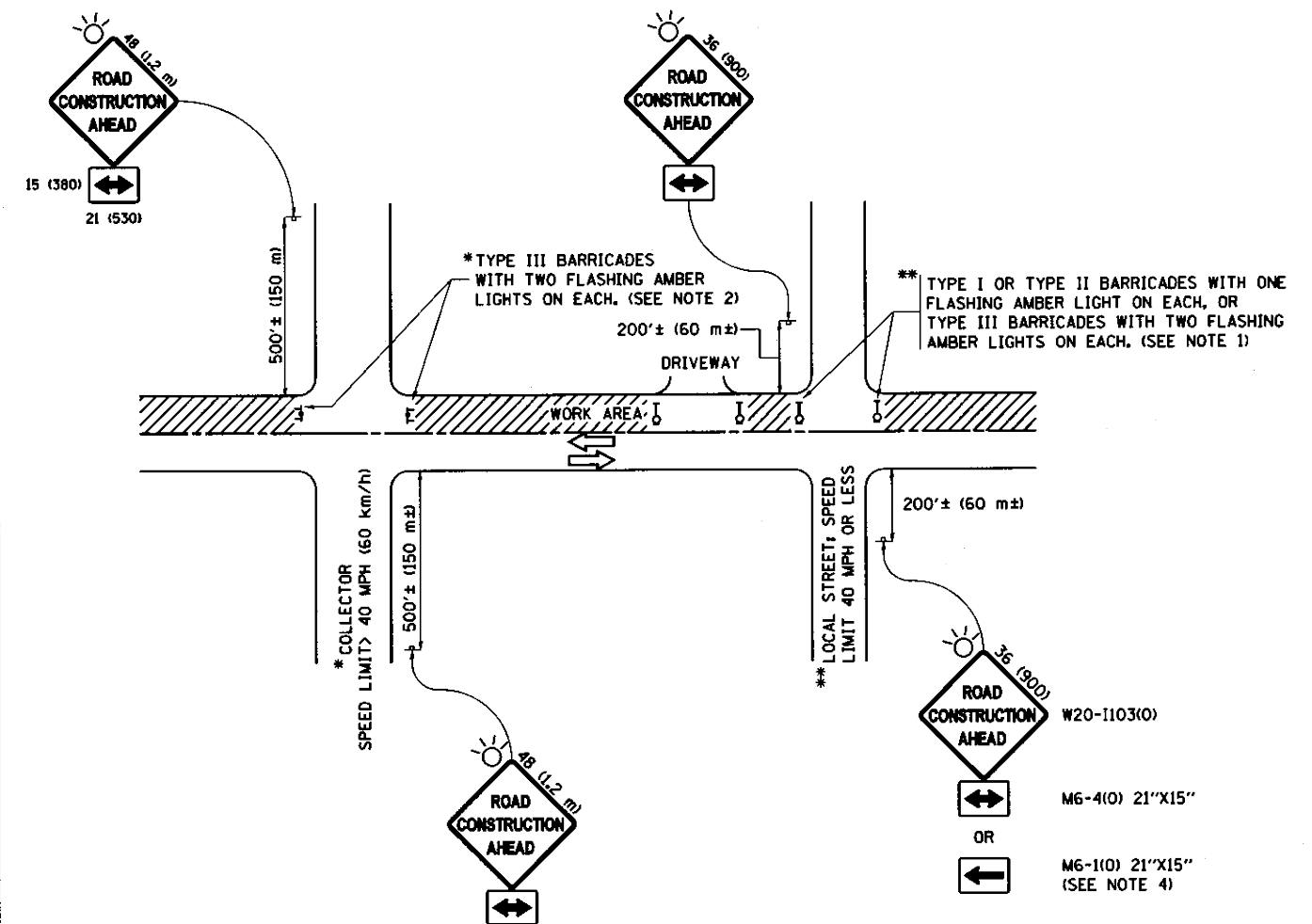
REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	74
BD400-05 BD32			CONTRACT NO. 61G86	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			7805 (279)	



NOTES:

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

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

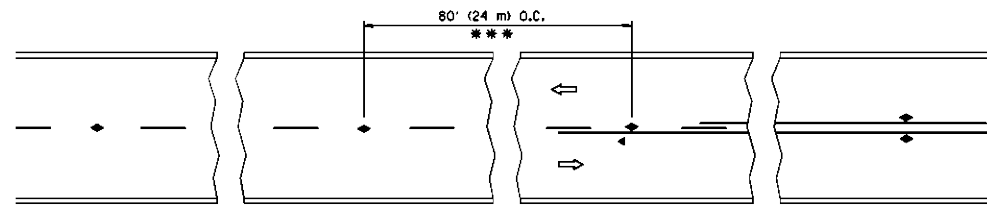
FILE NAME =	USER NAME = footamj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
p:\IL\04EBID\INTEG\11\inote.gov\PW\DOT\Documents\DOT Offices\District 1\Projects\Dist		02\ANN\CAD\Detail\CAD\sheet\1\18.dgn	REVISED - T. RAMMACHER 01-06-00
	PLOT SCALE = 58.000' / 1 in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

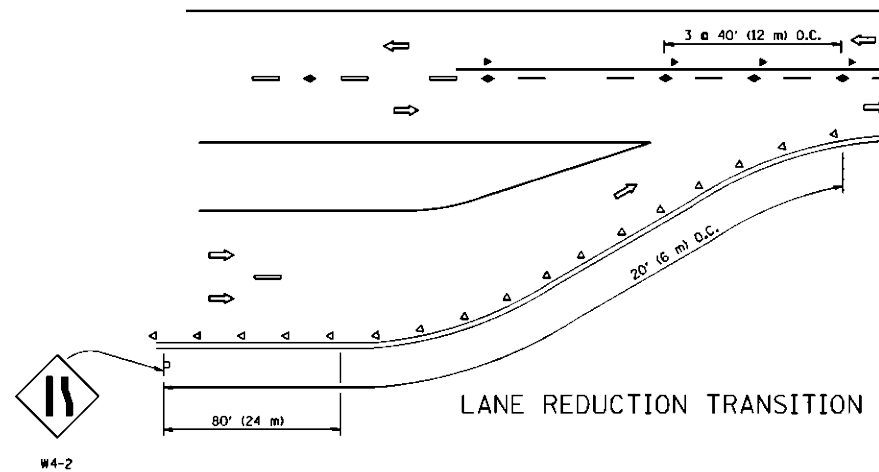
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	75
TC-18			CONTRACT NO. 61G86	
			ILLINOIS FED. AID PROJECT 7805 (279)	

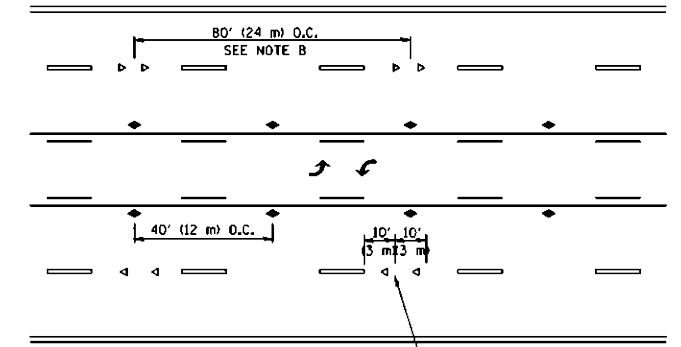


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

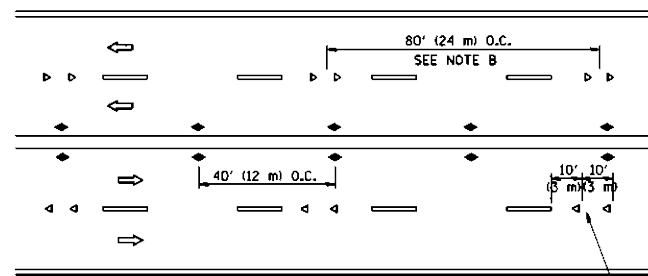
TWO-LANE/TWO-WAY



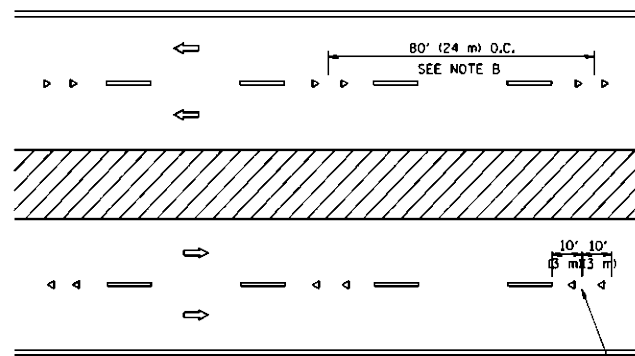
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

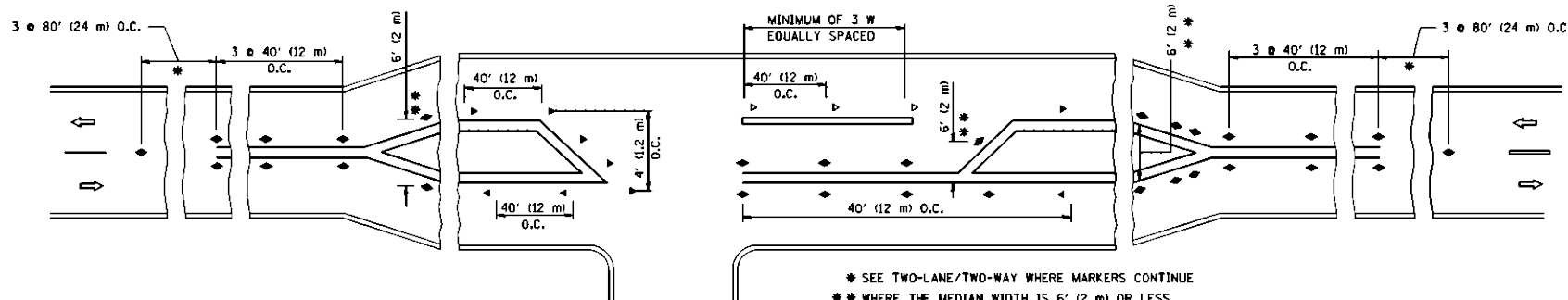
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

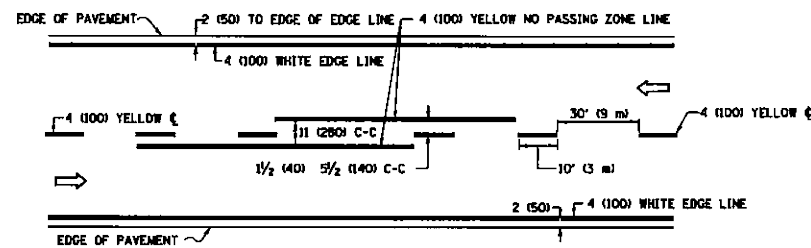
FILE NAME =	USER NAME = drvakosgn	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
c:\pe\work\psidet\drvakosgn\d08315\td	Ldgn	DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 9/9/2009	DATE -	REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

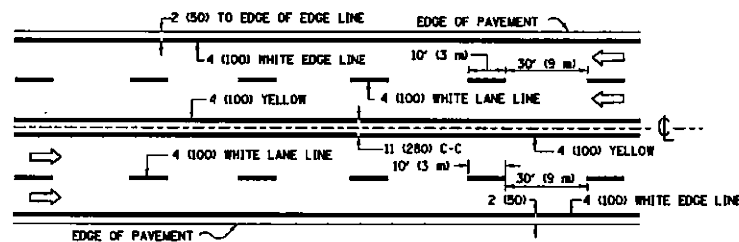
TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

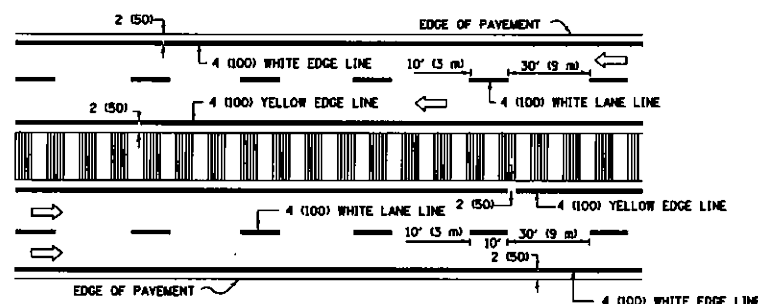
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	76
TC-11			CONTRACT NO. 61G86	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			7805 (279)	



2-LANE ROADWAY

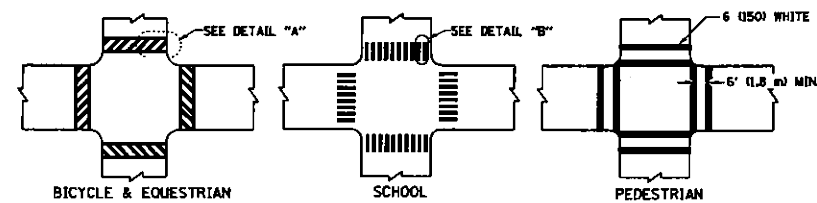


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

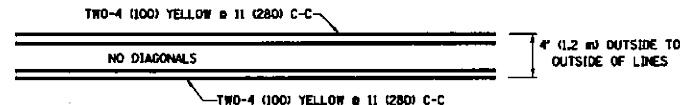


DETAIL "A"

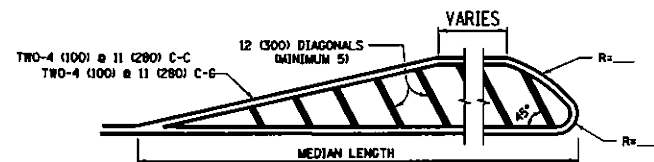
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

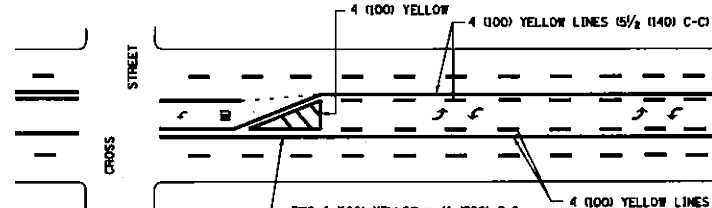


4' (1.2 m) WIDE MEDIANS ONLY



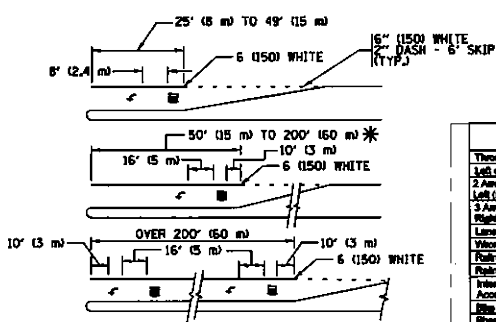
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h))
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

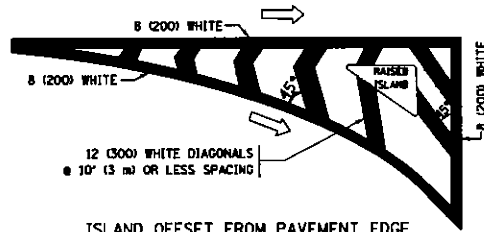
TYPICAL PAINTED MEDIAN MARKING



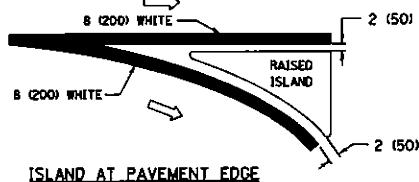
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

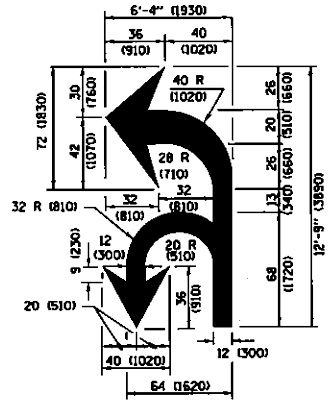


ISLAND OFFSET FROM PAVEMENT EDGE

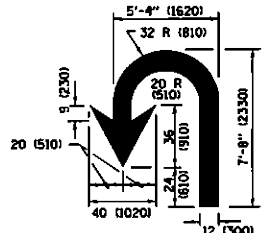


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

DFT	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

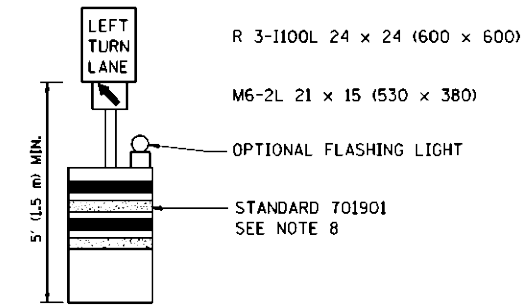
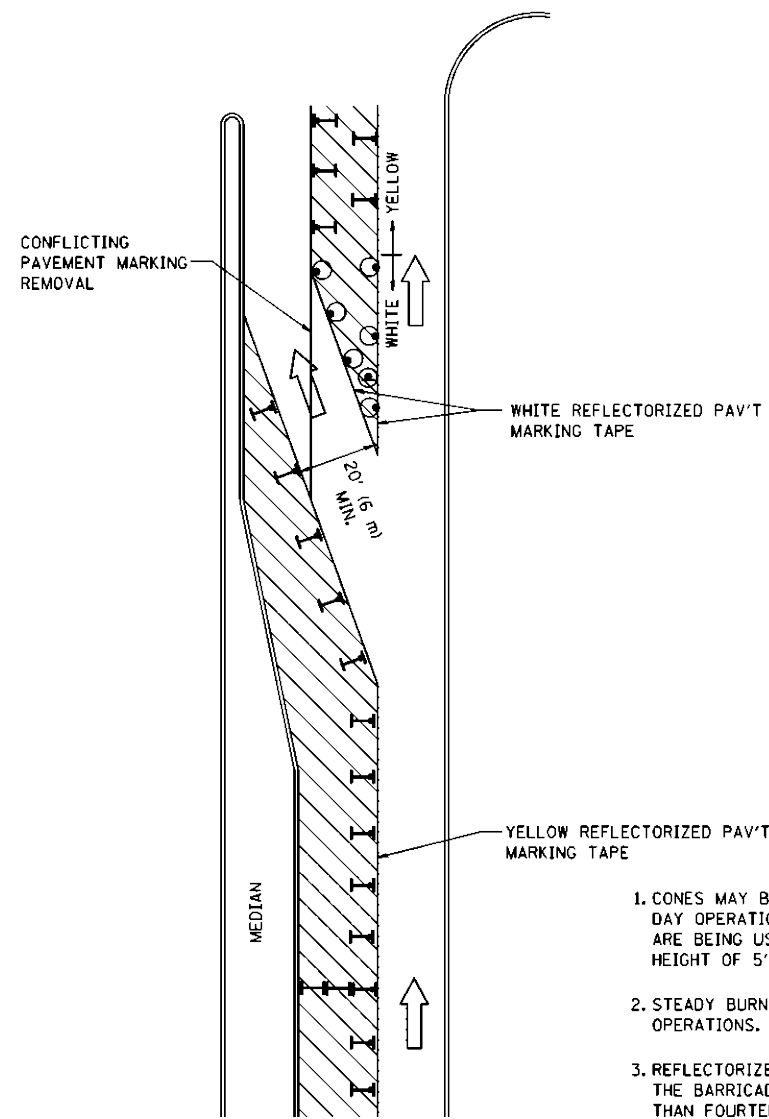
LANE REDUCTION TRANSITION

* 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	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C ONLY 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 WHITE	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 WHITE ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
DORE 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 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 (millimeter) unless otherwise shown.

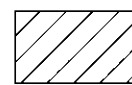







GENERAL NOTES

1. 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. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

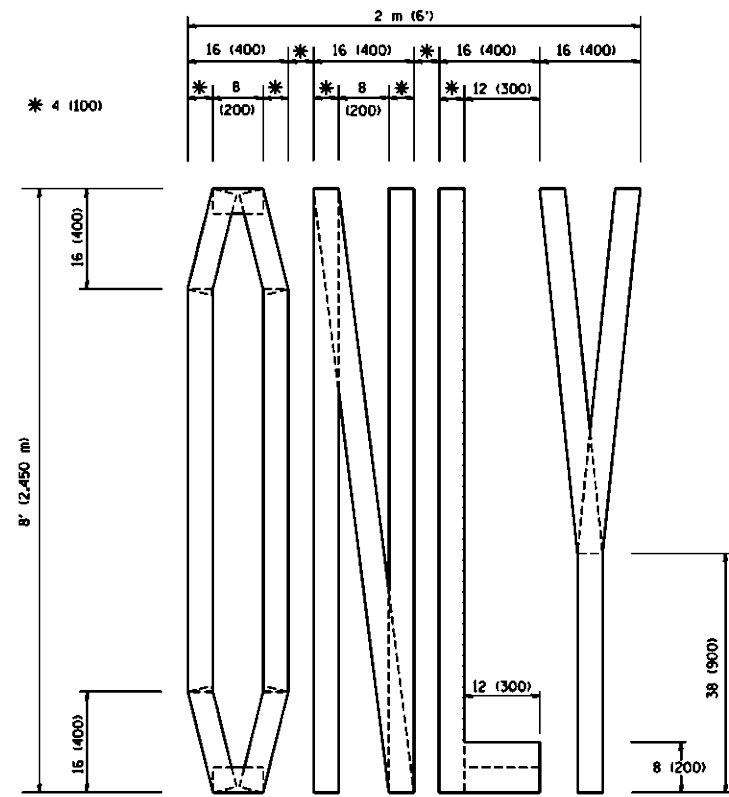
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME * c:\pwork\p1100\DRIVAKUS\0118315\14.dgn	USER NAME * dravakosgn	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
		REVISED - A. HOUSEH 11-07-95	REVISED -
		REVISED - A. HOUSEH 10-12-96	REVISED -
		REVISED - T. RAMMACHER 01-06-00	REVISED -

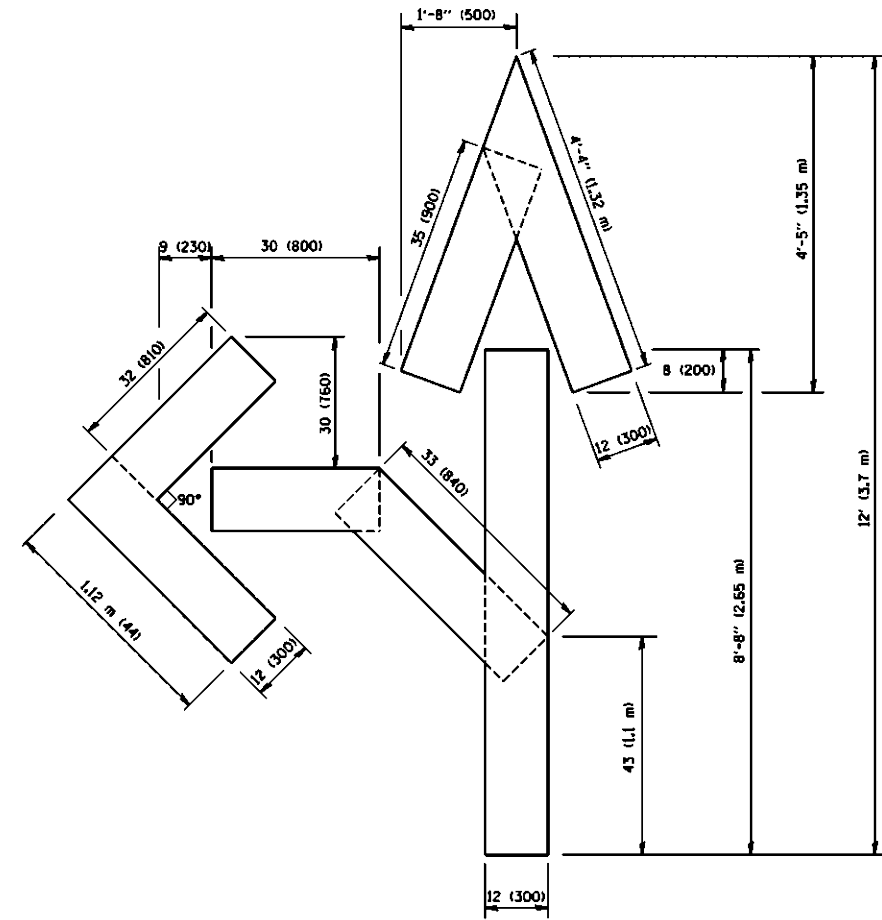
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

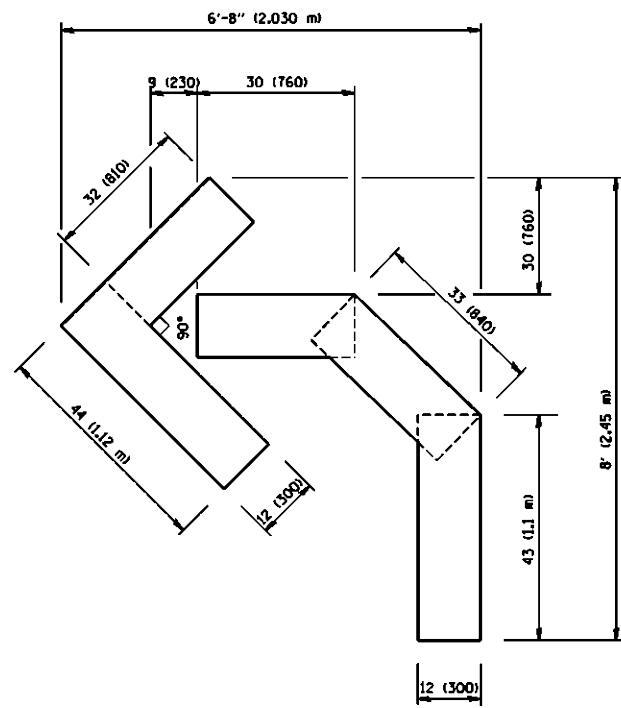
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	78
TC-14			CONTRACT NO. 61G86	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			7805 (279)	



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

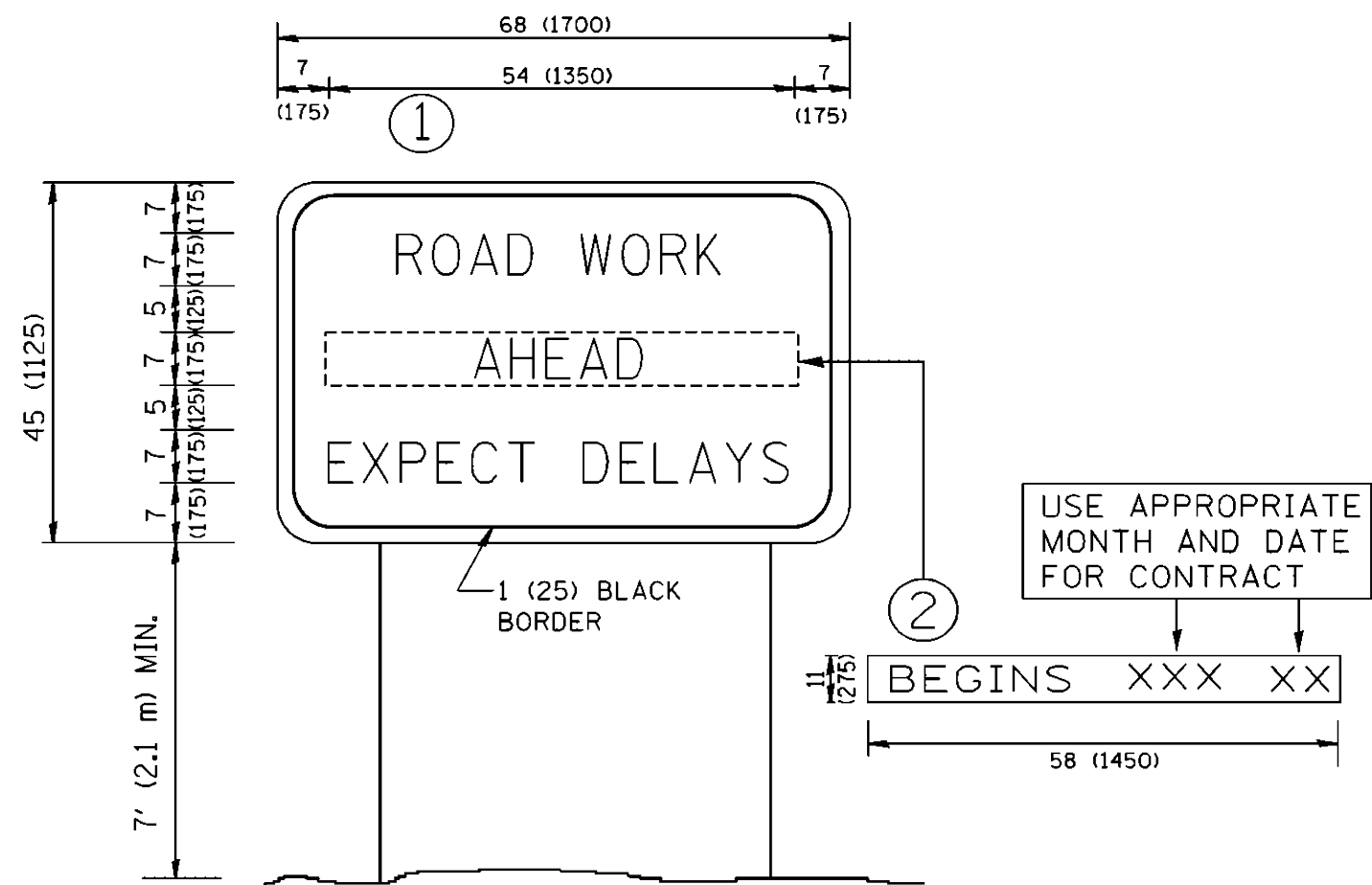
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = W:\data\22x34\1\16.dgn	USER NAME = gogienob	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	79
TC-1B			CONTRACT NO. 61GB6	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			7805 (279)	



NOTES:

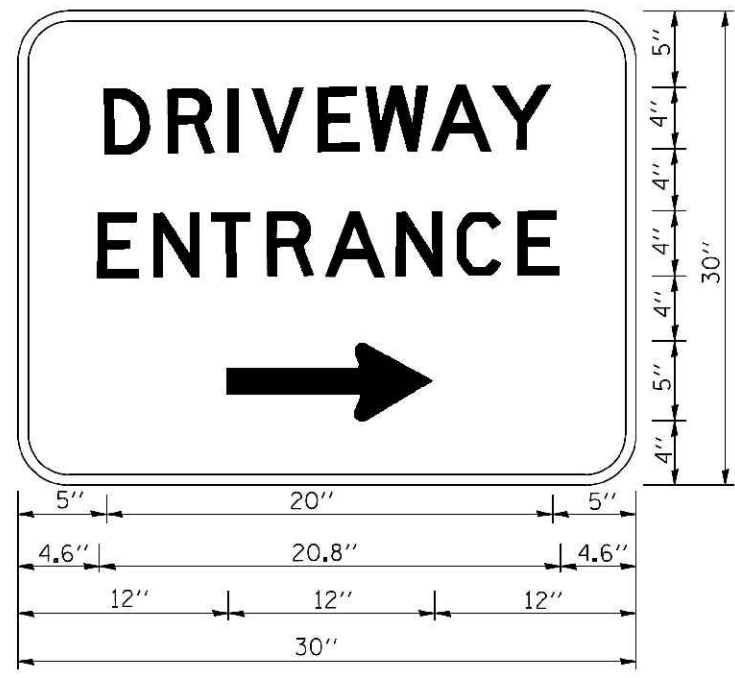
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
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:\data\22x34\tc22.dgn	USER NAME = gq11enob	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		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE		1587	14-00052-00-BT	COOK	91	80
SHEET NO. 1 OF 1 SHEETS		TC-22		CONTRACT NO. 61GB6		
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 7805 (279)				



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".

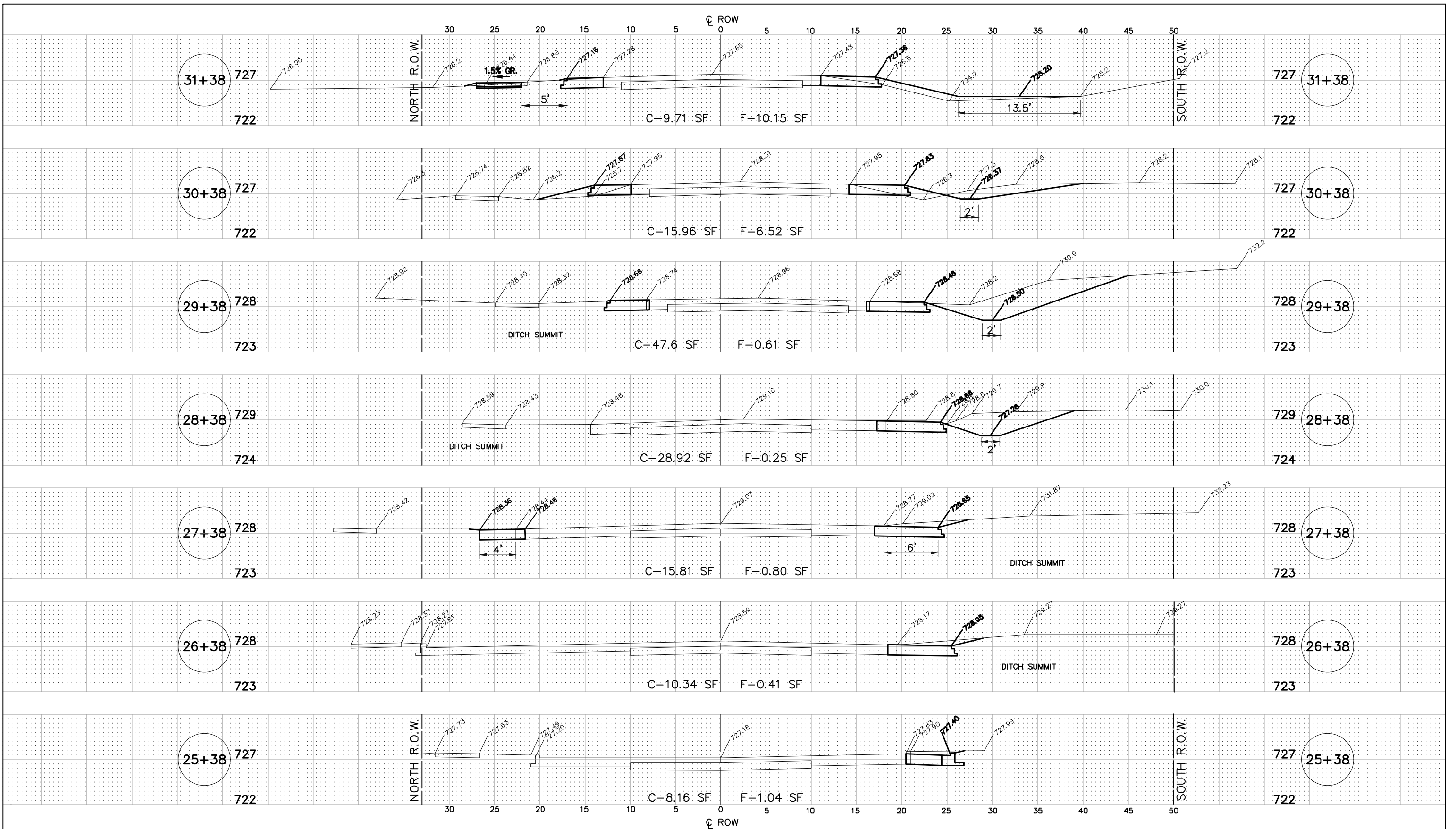
FILE NAME = W:\dstatd\22x34\to26.dgn	USER NAME = gegltonobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	81
TC-26			CONTRACT NO. 61G86	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT 7805 (279)				



IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

McCARTHY ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS:

McCARTHY ROAD- (STA. 25+38 TO STA. 31+38)

SCALE: AS NOTED SHEET NO. 1 OF 10 SHEETS STA. 25+38 TO STA. 31+38

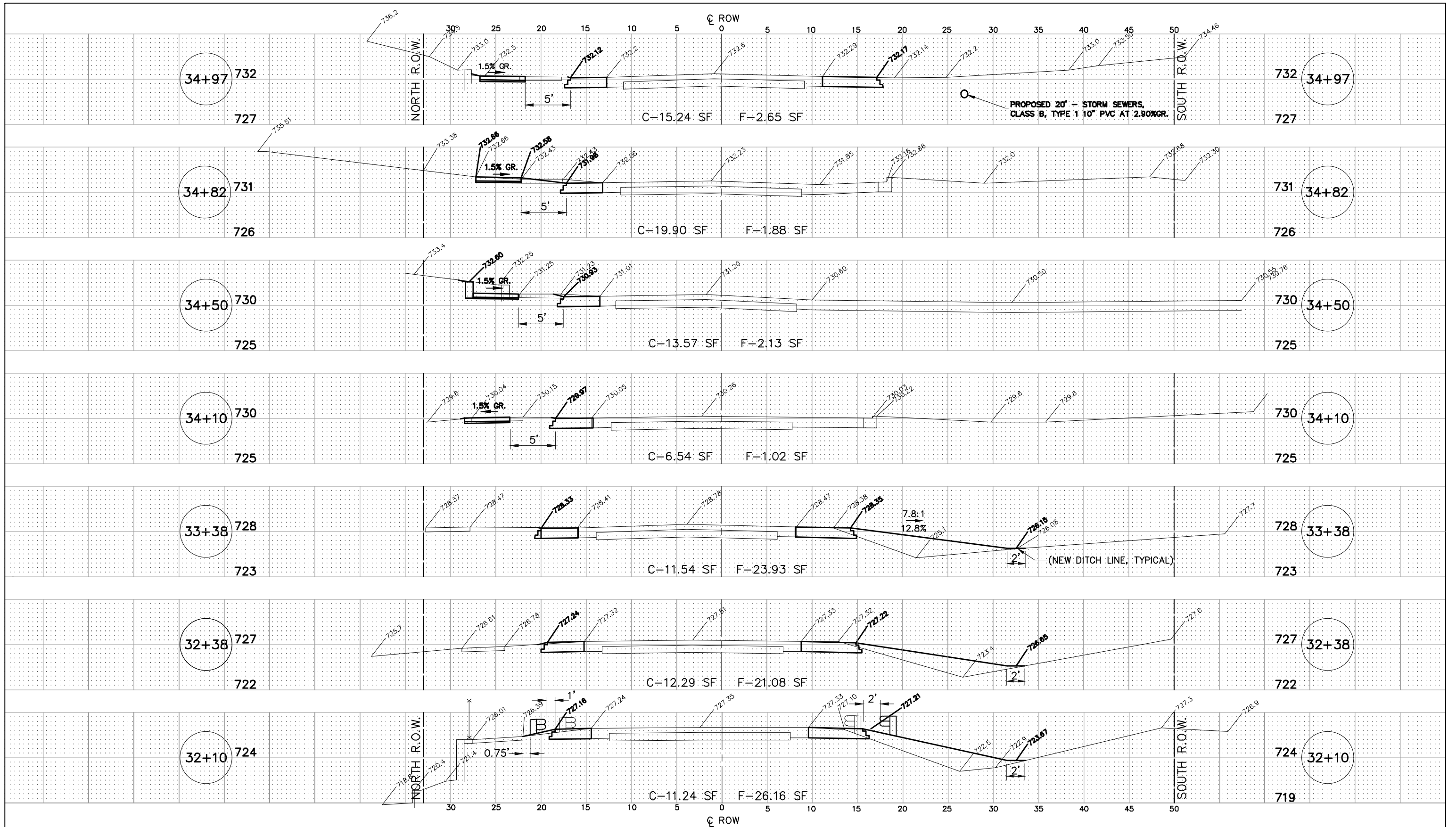
NOVOTNY ENGINEERING
545 Plainfield Road, Suite A
Willowbrook, IL 60527
T: 630.887.8640
F: 630.887.0132
L.L. Inc. Professional Design Firm No. 18-003238

FILE NAME: FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
#19383 BIDIRECTIONAL SIDE PATH

USER NAME =
PLOT SCALE = H: 1"=5'; V: 1"=5'
PLOT DATE =

DESIGNED - JLC	REVISED - 7-30-20 JLC
DRAWN - JFP	REVISED - 10-02-20 JLC
CHECKED - THK	REVISED -
DATE - 1-8-16	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	82
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-4003(463)		



IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
 REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

McCARTHY ROAD

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

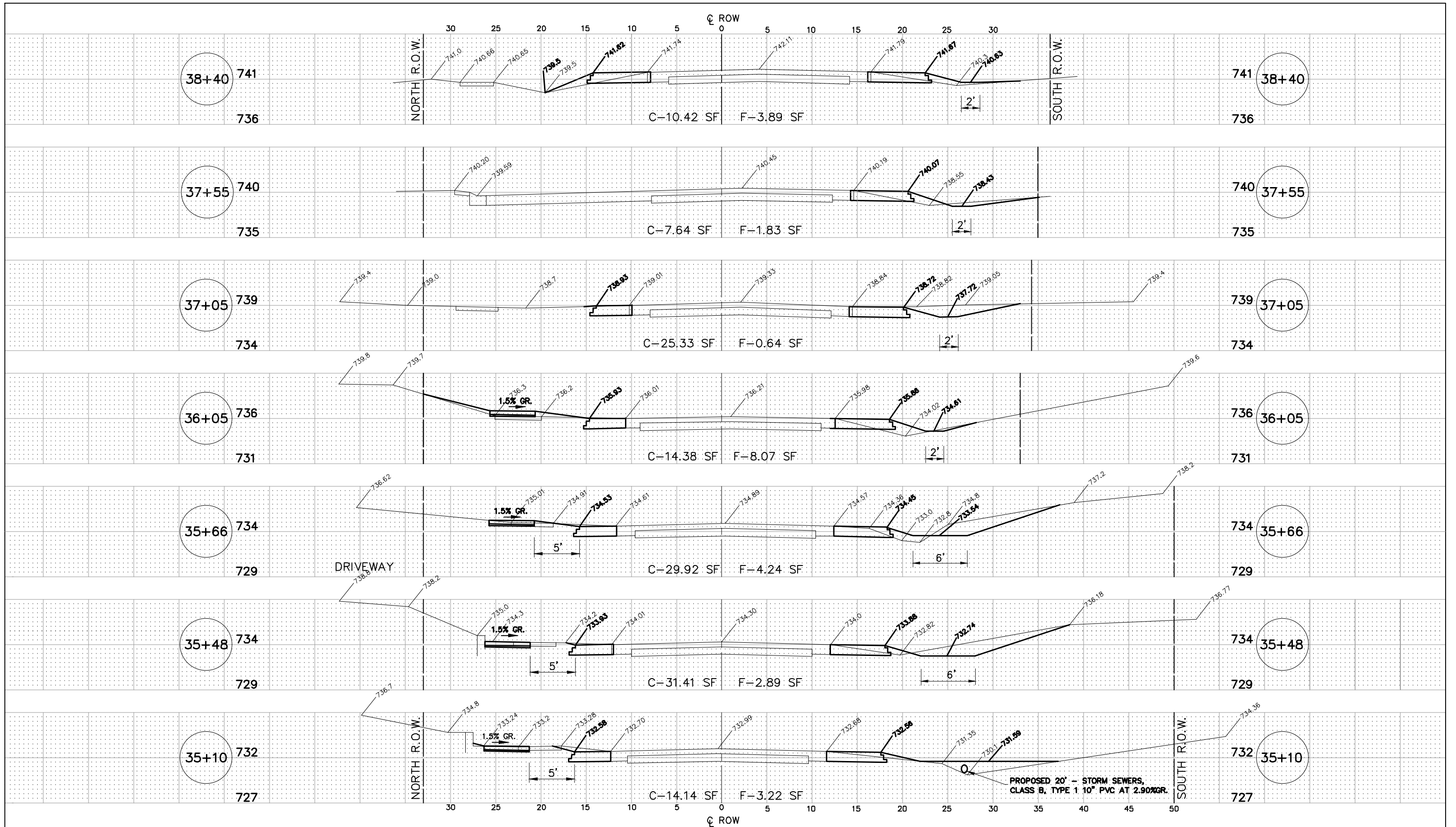
CROSS SECTIONS:

McCARTHY ROAD- (STA. 32+10 TO STA. 34+82)
 SCALE: AS NOTED SHEET NO. 2 OF 10 SHEETS STA. 32+10 TO STA. 34+82

NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: 630.887.8640
 F: 630.887.0132
 I. Ind. Provisional Design Firm No. 18-003238

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-30-20 JLC
#19383 BIDIRECTIONAL SIDE PATH	PLOT SCALE = H: 1"=5'; V: 1"=5'	DRAWN - JFP	REVISED - 10-02-20 JLC
	PLOT DATE =	CHECKED - THK	REVISED -
		DATE - 1-8-16	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	83
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-4003(463)		



IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

McCARTHY ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS:

McCARTHY ROAD - (STA. 34+97 TO STA. 37+05)

SCALE: AS NOTED SHEET NO. 3 OF 10 SHEETS STA. 34+97 TO STA. 37+05

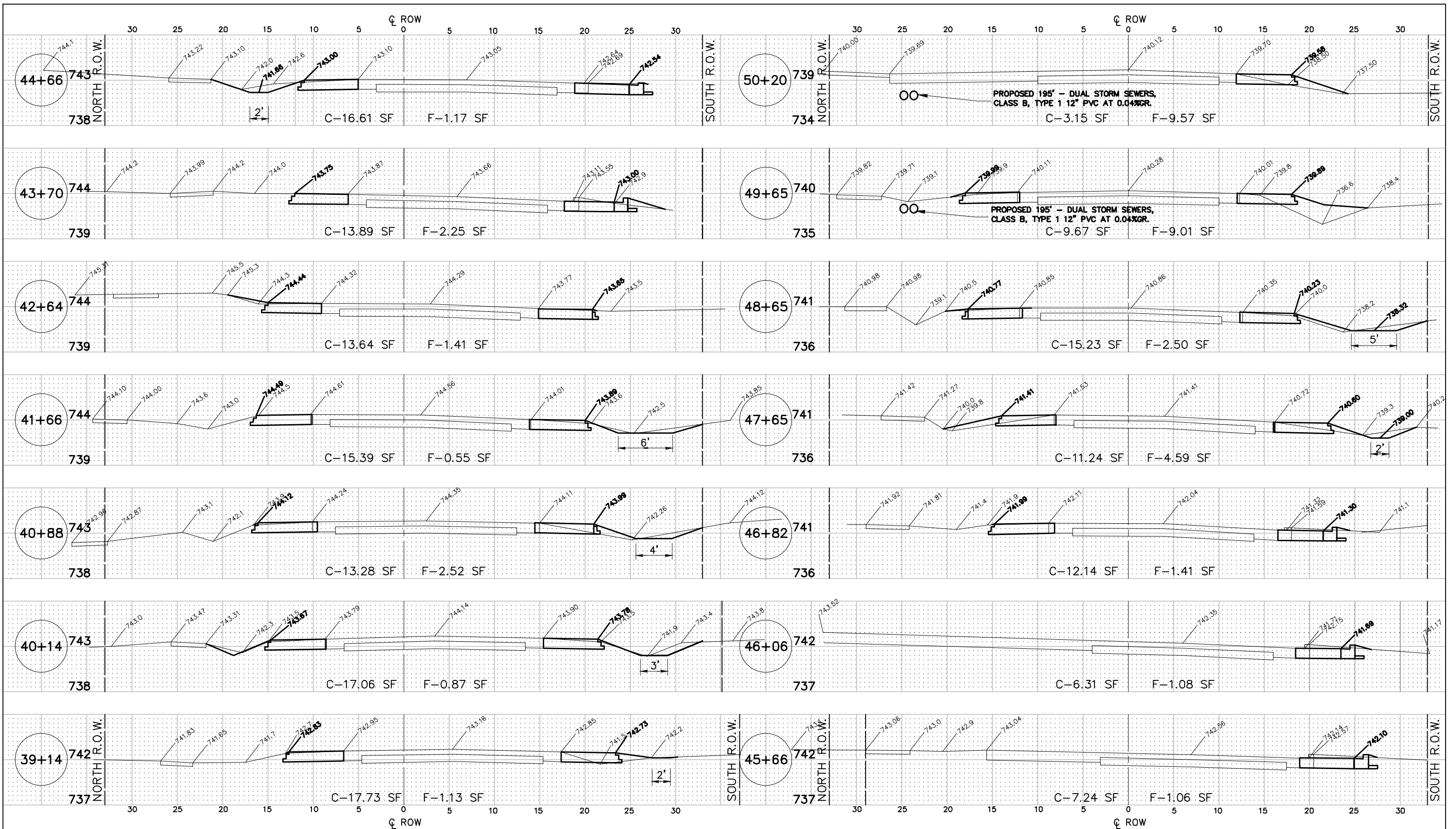
NOVOTNY ENGINEERING
545 Plainfield Road, Suite A
Willowbrook, IL 60527
T: 630.887.8640
F: 630.887.0132
L.L. Inc. Provider of Design Firm No. 18-003238

FILE NAME: FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
#19383 BIDIRECTIONAL SIDE PATH

USER NAME =
PLOT SCALE = H: 1"=5'; V: 1"=5'
PLOT DATE =

DESIGNED - JLC	REVISED - 7-30-20 JLC
DRAWN - JFP	REVISED - 10-02-20 JLC
CHECKED - THK	REVISED -
DATE - 1-8-16	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	B4
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-4003(463)		



IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

McCARTHY ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS:

McCARTHY ROAD - (STA. 37+55 TO STA. 48+65)

SCALE: AS NOTED SHEET NO. 4 OF 10 SHEETS STA. 37+55 TO STA. 48+65

NOVOTNY ENGINEERING
545 Plainfield Road, Suite A
Willowbrook, IL 60527
T: 6301 887.8640
F: 6301 887.0132
I.L. Inc. Provider of Design Firm No. 18-003728

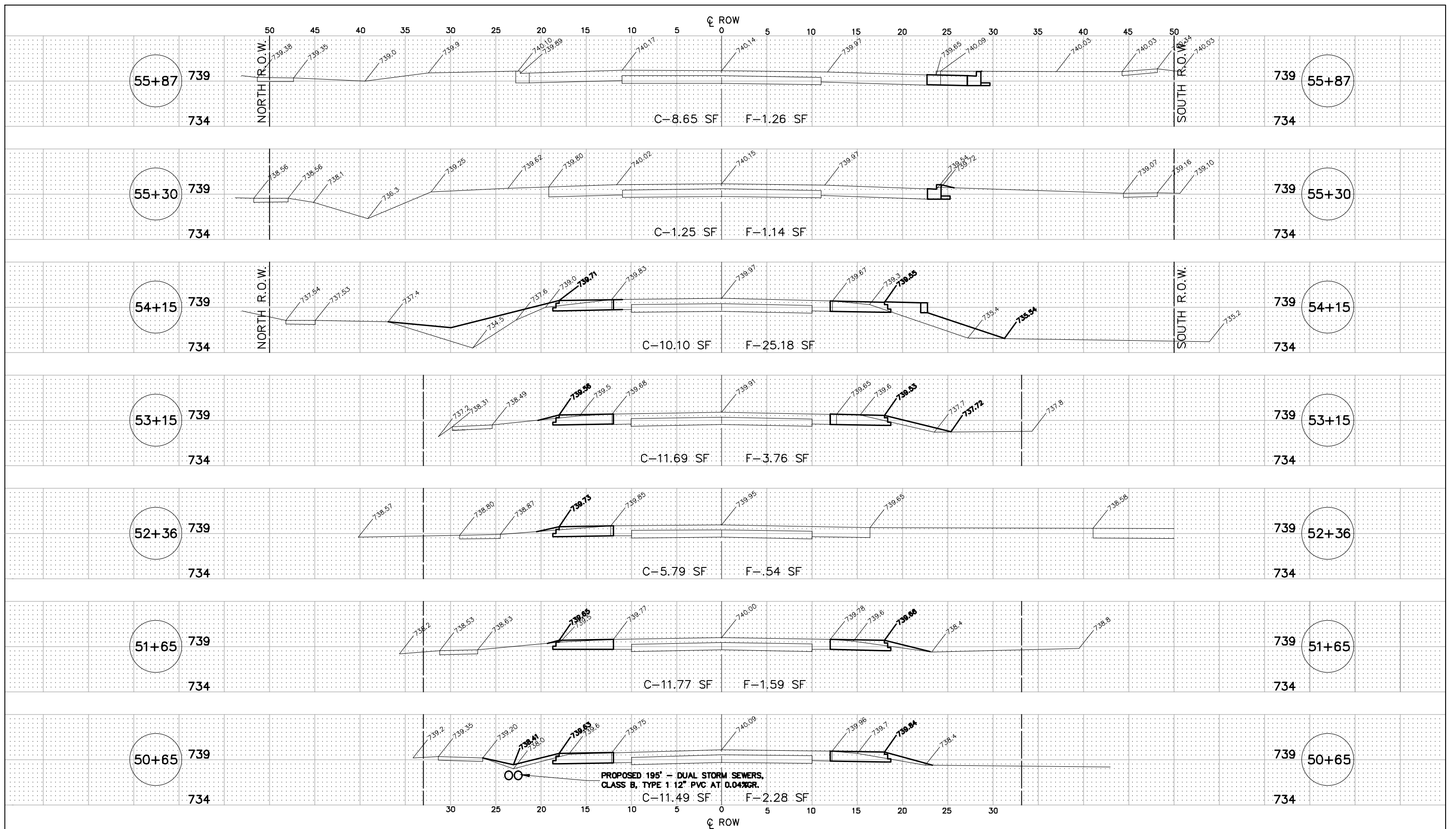
FILE NAME: FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
#19383 BIDIRECTIONAL SIDE PATH

USER NAME =
PLOT SCALE = H: 1"=5'; V: 1"=5'
PLOT DATE =

DESIGNED - JLC
DRAWN - JFP
CHECKED - THK
DATE - 1-8-16

REVISED - 7-30-20 JLC
REVISED - 10-02-20 JLC
REVISED -
REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	85
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-4003(463)		



McCARTHY ROAD

IMPORTANT!
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
 REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-30-20 JLC
#19383 BIDIRECTIONAL SIDE PATH	PLOT SCALE = H: 1"=5'; V: 1"=5'	DRAWN - JFP	REVISED - 10-02-20 JLC
	PLOT DATE =	CHECKED - THK	REVISED -
		DATE - 1-8-16	REVISED -

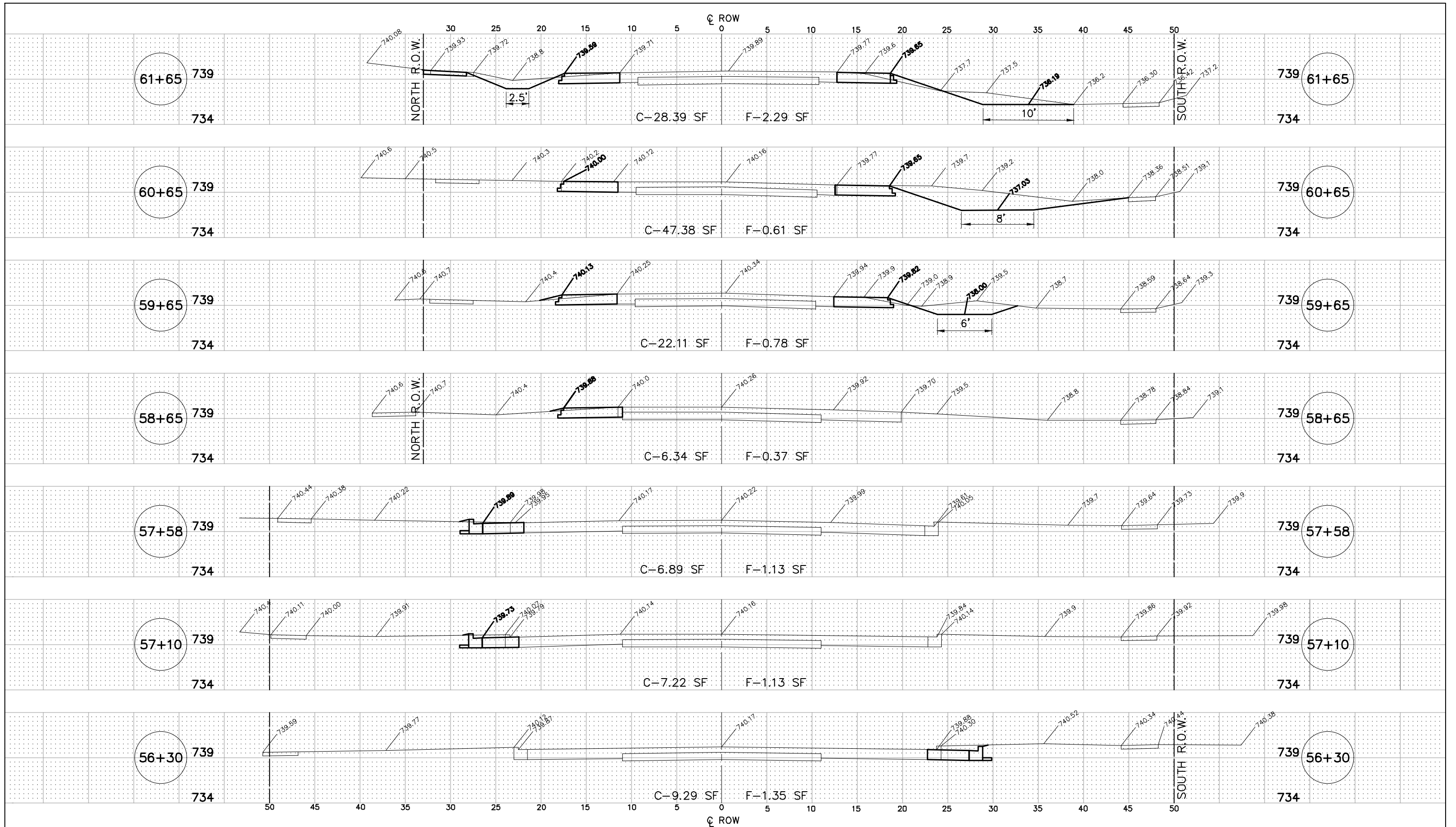
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS:
McCARTHY ROAD - (STA. 49+65 TO STA. 55+30)

SCALE: AS NOTED	SHEET NO. 5 OF 10 SHEETS	STA. 49+65 TO STA. 55+30
-----------------	--------------------------	--------------------------

NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: 630.887.8640
 F: 630.887.0132
 I.L. Inc. Professional Seal of Firm No. 18-002328

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	86
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-4003(463)		



McCARTHY ROAD

FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
 #19383 BIDIRECTIONAL SIDE PATH

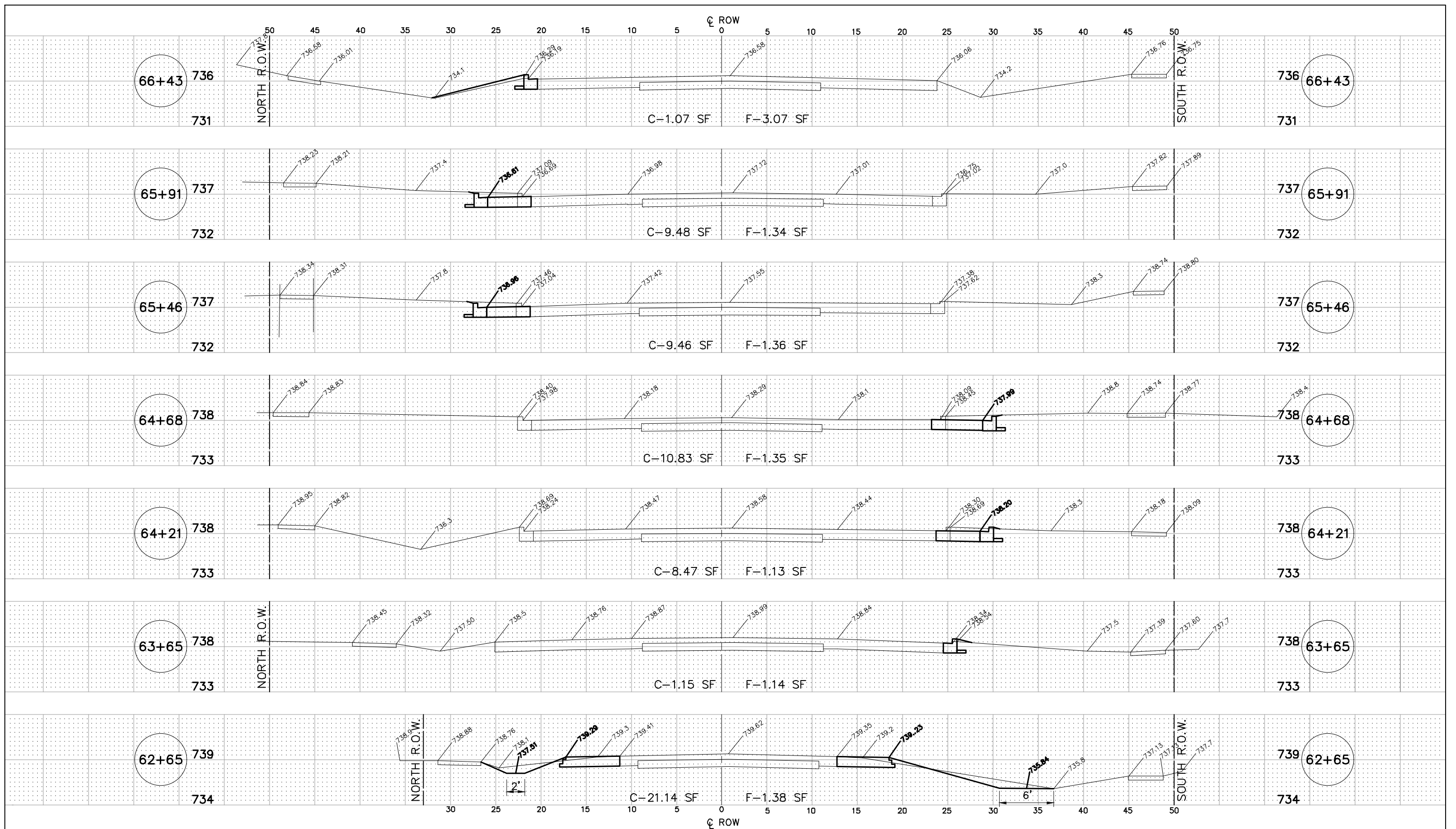
USER NAME =
 PLOT SCALE = H: 1"=5'; V: 1"=5'
 PLOT DATE =

DESIGNED - JLC	REVISED - 7-30-20 JLC
DRAWN - JFP	REVISED - 10-02-20 JLC
CHECKED - THK	REVISED -
DATE - 1-8-16	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS:
 McCARTHY ROAD- (STA. 55+87 TO STA. 60+65)
 SCALE: AS NOTED SHEET NO. 6 OF 10 SHEETS STA. 55+87 TO STA. 60+65

		545 Plainfield Road, Suite A Willowbrook, IL 60527 T: 6301 887.8640 F: 6301 887.0132		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	87
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-4003(463)		



McCARTHY ROAD


NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: 630.887.8640
 F: 630.887.0132
Illinois Professional Design Firm No. 18-002328

FILE NAME: FAU 1587 (McCARTHY ROAD)
 FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)
 #19383 BIDIRECTIONAL SIDE PATH

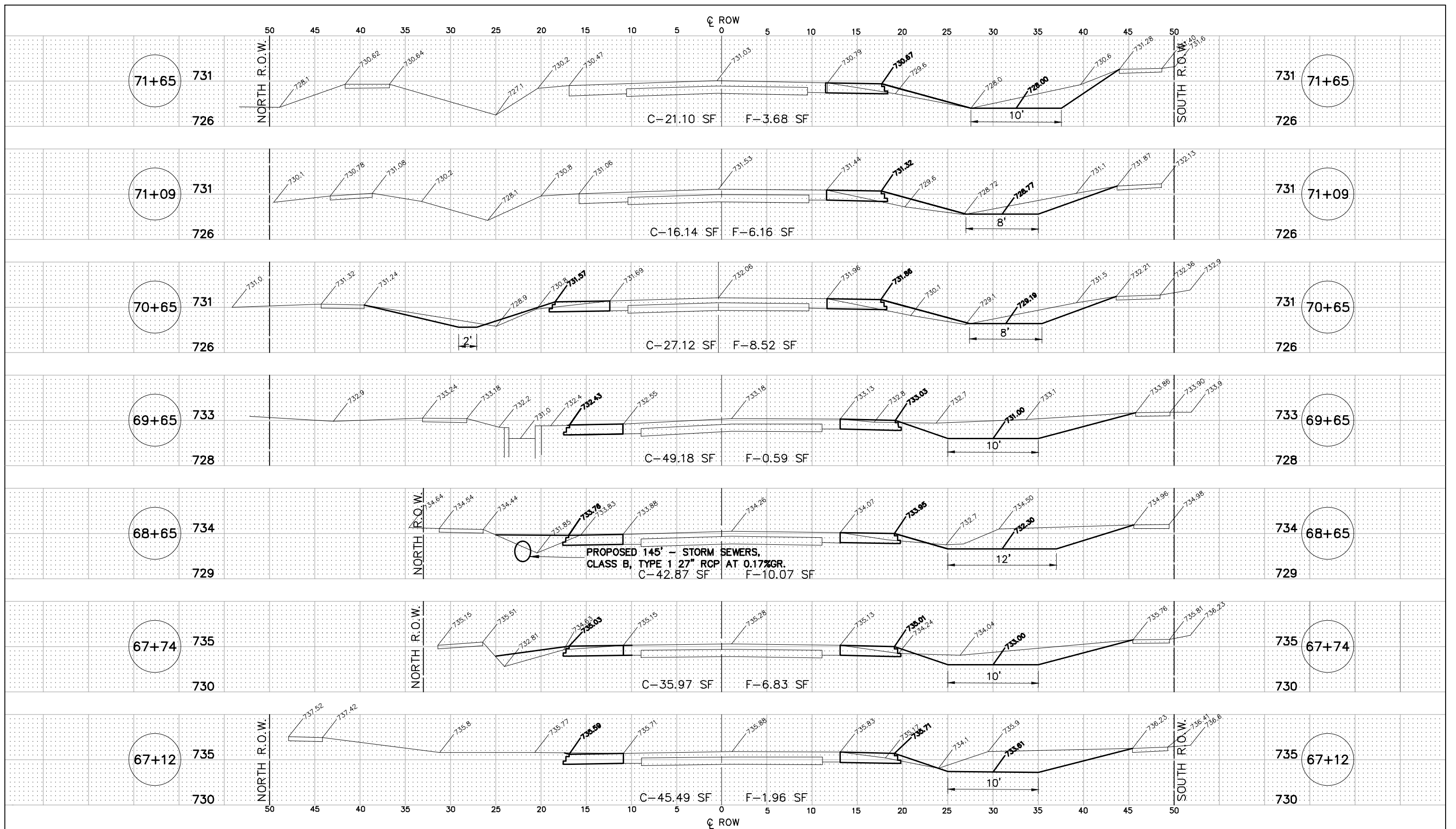
USER NAME =
 PLOT SCALE = H: 1"=5'; V: 1"=5'
 PLOT DATE =

DESIGNED - JLC	REVISED - 7-30-20 JLC
DRAWN - JFP	REVISED - 10-02-20 JLC
CHECKED - THK	REVISED -
DATE - 1-8-16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS:
McCARTHY ROAD - (STA. 61+65 TO STA. 65+91)
 SCALE: AS NOTED | SHEET NO. 7 OF 10 SHEETS | STA. 61+65 TO STA. 65+91

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	88
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-4003(463)		



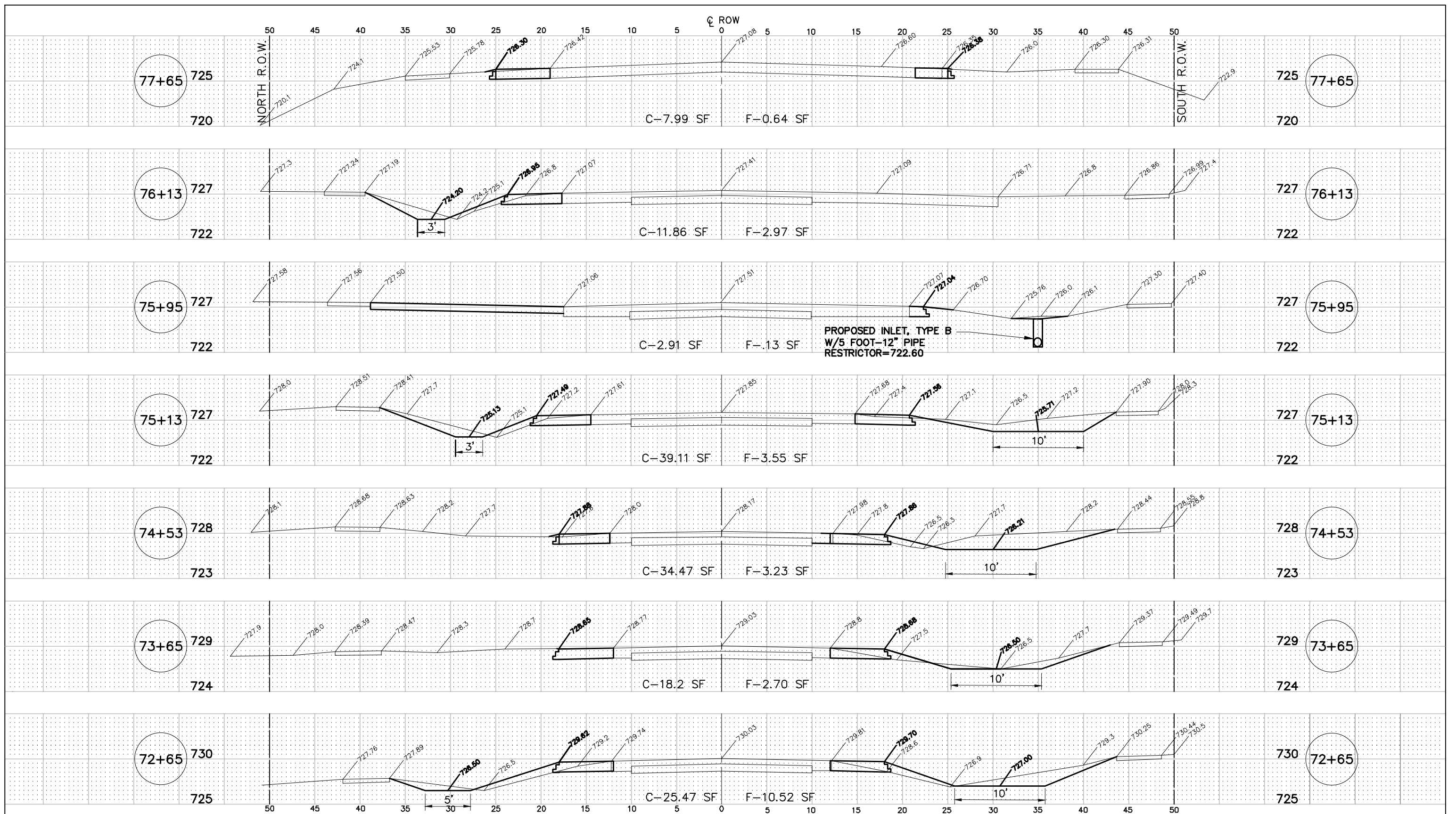
McCARTHY ROAD


NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: 630.887.8640
 F: 630.887.0132
L. Ind. Provisional Design Firm No. 18-002328

FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500JW (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-30-20 JLC
PLOT SCALE = H: 1"=5'; V: 1"=5'		DRAWN - JFP	REVISED - 10-02-20 JLC
#19383 BIDIRECTIONAL SIDE PATH		CHECKED - THK	REVISED -
		DATE - 1-8-16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS:				
McCARTHY ROAD - (STA. 66+43 TO STA. 71+09)				
SCALE: AS NOTED	SHEET NO. 8 OF 10 SHEETS	STA. 66+43 TO STA. 71+09		
F.A.U. RTE. 1587	SECTION 14-00052-00-BT	COUNTY COOK	TOTAL SHEETS 91	SHEET NO. 89
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G86 M-4003(463)	



McCARTHY ROAD

NOVOTNY ENGINEERING
 545 Plainfield Road, Suite A
 Willowbrook, IL 60527
 T: 630.887.8640
 F: 630.887.0132
L. Ind. Provisional Design Firm No. 18-002328

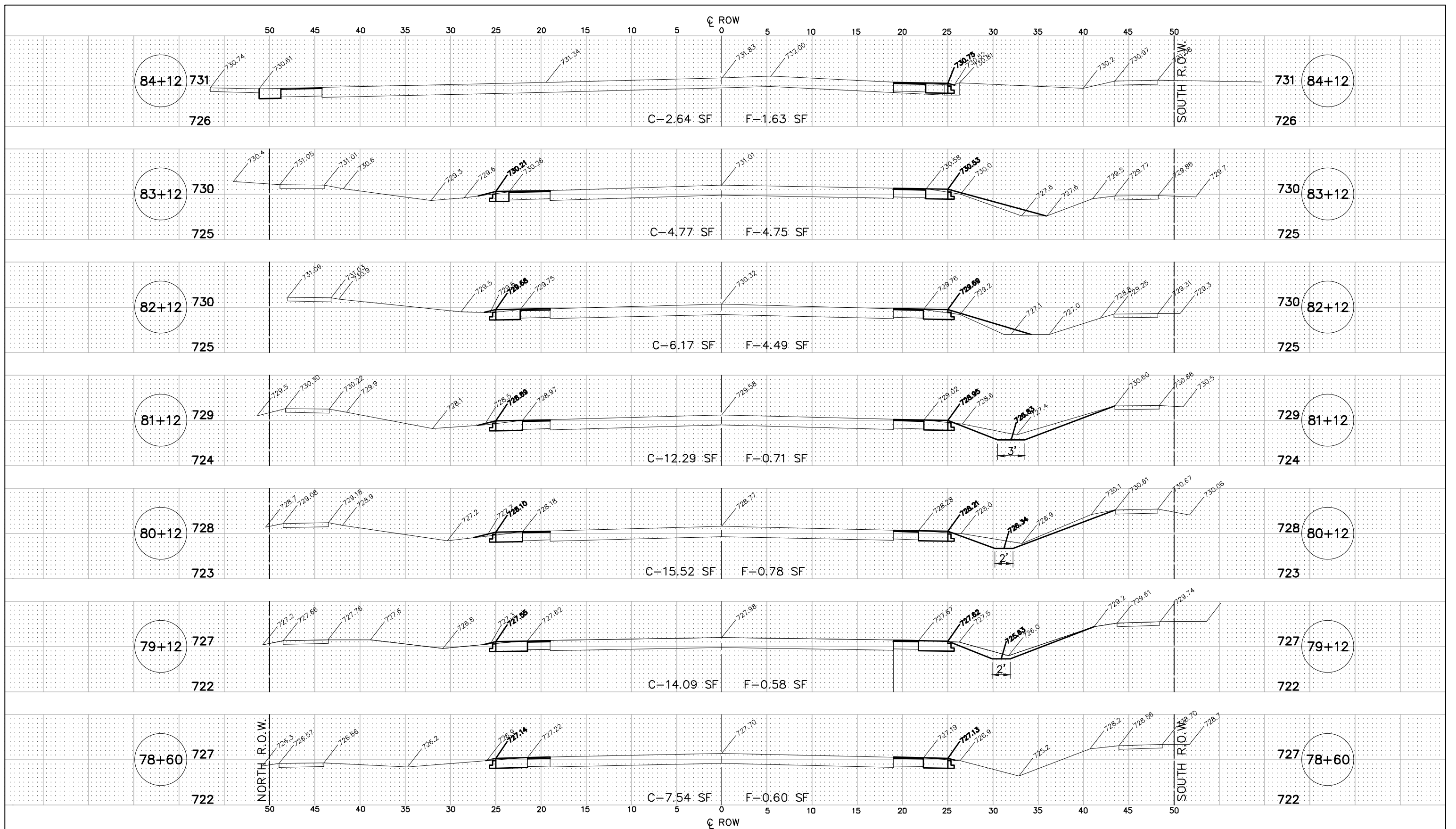
FILE NAME FAU 1587 (McCARTHY ROAD) FAU 1065 (ILLINOIS STREET) TO CH500J5W (WALKER ROAD)	USER NAME =	DESIGNED - JLC	REVISED - 7-30-20 JLC
#19383 BIDIRECTIONAL SIDE PATH	PLOT SCALE = H: 1"=5'; V: 1"=5'	DRAWN - JFP	REVISED - 10-02-20 JLC
	PLOT DATE =	CHECKED - THK	REVISED -
		DATE - 1-8-16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS:
McCARTHY ROAD- (STA. 71+65 TO STA. 77+65)

SCALE: AS NOTED	SHEET NO. 9 OF 10 SHEETS	STA. 71+65 TO STA. 77+65
-----------------	--------------------------	--------------------------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	90
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-4003(463)		



McCARTHY ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS:

McCARTHY ROAD- (STA. 78+60 TO STA. 84+12)

SCALE: AS NOTED | SHEET NO. 10 OF 10 SHEETS | STA. 78+60 TO STA. 84+12

NOVOTNY ENGINEERING
545 Plainfield Road, Suite A
Willowbrook, IL 60527
T: 630.887.8640
F: 630.887.0132
I. Ind. Provisional Design Firm No. 18-002328

FILE NAME: FAU 1587 (McCARTHY ROAD)
FAU 1065 (ILLINOIS STREET) TO CH500JSW (WALKER ROAD)
#19383 BIDIRECTIONAL SIDE PATH

USER NAME =
PLOT SCALE = H: 1"=5'; V: 1"=5'
PLOT DATE =

DESIGNED - JLC
DRAWN - JFP
CHECKED - THK
DATE - 1-8-16

REVISED - 7-30-20 JLC
REVISED - 10-02-20 JLC
REVISED -
REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1587	14-00052-00-BT	COOK	91	91
CONTRACT NO. 61G86				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-4003(463)		