

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	1
		ILLINOIS	CONTRACT NO. 61H07	

07-30-2021 LETTING ITEM 009

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

MUN ROUTE 0001A (WEATHERSFIELD WAY)
BRAINTREE DRIVE TO SALEM DRIVE
RESURFACING AND SHARED USE PATH
SECTION: 17-00129-00 PV
PROJECT: 91DZ(172)
VILLAGE OF SCHAUMBURG
COOK COUNTY
JOB NO: C-91-063-21



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED April 30 20 21
Anna M. Kesler
VILLAGE OF SCHAUMBURG,
ENGINEERING DIVISION MANAGER

PASSED MAY 11 20 21
C.T. Fisher
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW MAY 11 20 21
Jose Rivas
REGIONAL ENGINEER

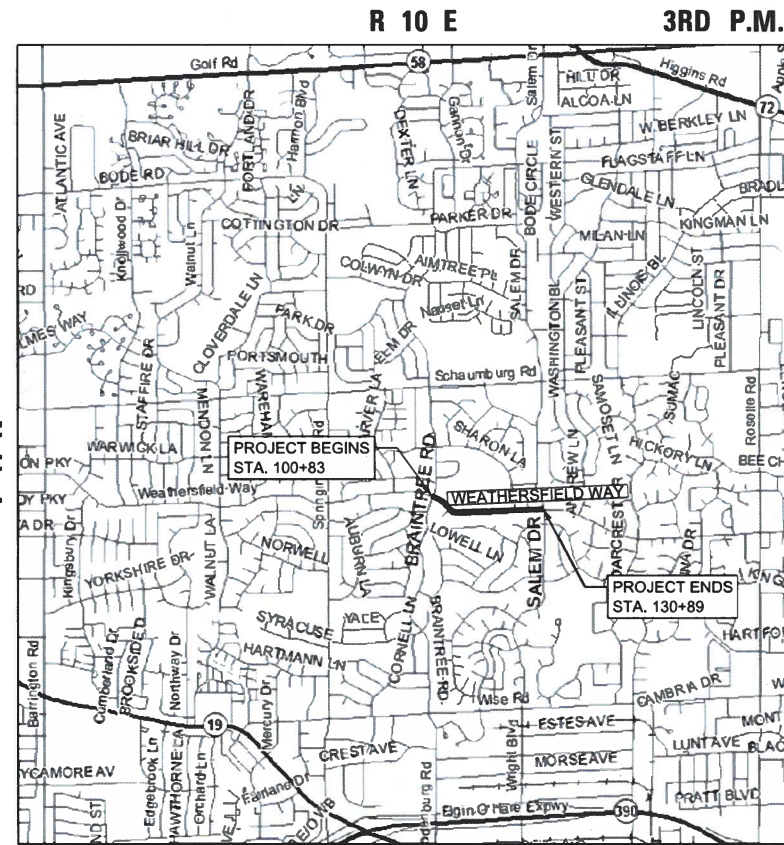
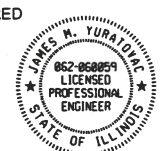
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OF THE STATE OF ILLINOIS

PROFESSIONAL ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SUBMISSION WAS PREPARED UNDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.

DATED THIS 30TH DAY OF APRIL, 2021

James M. Yuratovac
JAMES M. YURATOVAC
ILLINOIS REG. PROF. ENGINEER NO.062-060059 EXPIRATION DATE 11-30-2021

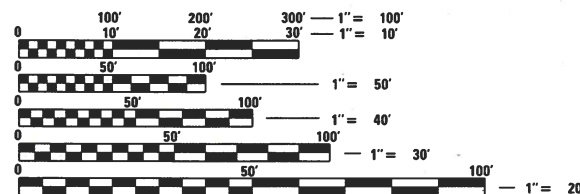


SCHAUMBURG TOWNSHIP
LOCATION MAP

WEATHERSFIELD WAY GROSS LENGTH = 3,006 FT. = 0.57 MILES
WEATHERSFIELD NET LENGTH = 3,006 FT. = 0.57 MILES

WEATHERSFIELD WAY

DESIGN DESIGNATION: MINOR COLLECTOR
SPEED LIMIT = 25 MPH
TRAFFIC = 7,400 ADT (2018)



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

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

PROJECT MANAGER: JIM YURATOVAC

CONTRACT NO. 61H07

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



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GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS:

1 ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016. (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS; THE "DETAILS" ON THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

2 ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

TRAFFIC CONTROL AND PROTECTION:

3 ONE LANE IN EACH DIRECTION FOR LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT FOR APPROVED ROAD CLOSURES. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES INCLUDING FLAGGERS REQUIRED TO MAINTAIN SAID TRAFFIC. THE CONTRACTOR SHALL SCHEDULE HIS/HER WORK SO THAT NO HOLES WITHIN THE RIGHT OF WAY REMAIN OPEN OVERNIGHT.

4 ACCESS TO ABUTTING PROPERTY SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT. PRIOR TO REMOVING DRIVEWAY THE CONTRACTOR SHALL PROVIDE THE VILLAGE SUFFICIENT TIME TO PROVIDE A 24 HOURS ADVANCED WARNING TO THE RESIDENT/OWNER OF THE DRIVEWAY. TIME REQUIRED FOR CONSTRUCTION AT DRIVEWAYS SHALL BE LIMITED TO THE MINIMUM TIME REQUIRED FOR SAID CONSTRUCTION AND NO LESS THAN 3 DAYS AFTER CURB AND GUTTER HAS BEEN PLACED. IF REQUIRED, TEMPORARY AGGREGATE SURFACE FOR DRIVEWAY ACCESS SHALL BE PROVIDED.

GENERAL NOTES

5 IMMEDIATELY AFTER THE EXISTING HOT-MIX ASPHALT STREET SURFACE HAS BEEN REMOVED, TEMPORARY RAMP SHALL BE CONSTRUCTED WHERE REQUIRED TO ELIMINATE EXCESSIVE DROP-OFFS AT EACH DRIVEWAY.

CONSTRUCTION LIMITS AND PROTECTION OF PUBLIC/PRIVATE PROPERTY:

6 THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES, SHRUBS, MAILBOXES, FENCES, DRAIN LINES, POWER LINES, AND OTHER PUBLIC/PRIVATE PROPERTY. ANY ITEM THAT IS DAMAGED SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.

7 THE CONTRACTOR SHALL CONFINE OPERATIONS WITHIN THE DEDICATED ROADWAY RIGHTS-OF-WAY OR EASEMENTS OBTAINED BY THE VILLAGE OF SCHAUMBURG. ANY DAMAGE OUTSIDE OF SAID RIGHTS-OF-WAY OR EASEMENTS SHALL BE REPAIRED BY THE CONTRACTOR.

MATERIAL INSPECTION:

8 ALL MATERIALS INCORPORATED IN THIS PROJECT ARE TO BE INSPECTED ACCORDING TO SECTION 106 OF THE STANDARD SPECIFICATIONS AND THE PROJECT PROCEDURES GUIDELINES (PPG).

9 THE LOCAL AGENCY SHALL BE RESPONSIBLE FOR THE QUALITY ASSURANCE FIELD INSPECTION. THE LOCAL AGENCY SHALL BE NOTIFIED AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF THE PLACEMENT OF ANY HOT-MIX ASPHALT OR CONCRETE MIXTURES. THE CONTRACTOR SHALL ALLOW THE INSPECTOR ACCESS TO HIS PLANT AREA TO OBSERVE THE OPERATIONS AND TAKE MATERIAL SAMPLES AS REQUIRED.

CLEANING AND DISPOSAL:

10 PRIOR TO APPLYING THE BITUMINOUS PRIME COAT, THE BASE SURFACE INCLUDING GUTTERS SHALL BE CLEANED OF LOOSE GRINDINGS, LEAVES, DUST, DIRT, WEEDS AND OTHER FOREIGN MATERIALS.

11 THE CONTRACTOR SHALL KEEP EXISTING ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS, AND WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS OR WHEN DIRECTED BY THE ENGINEER.

12 ALL EXCESS MATERIAL AND ANY OTHER DEBRIS SHALL BE DISPOSED OF BY THE CONTRACTOR AT AN OFF-SITE DISPOSAL AREA. EXISTING FRAMES AND GRATES IN GOOD CONDITION, AND NOT SCHEDULED FOR REUSE, SHALL BE LOADED AND DELIVERED TO THE VILLAGE OF SCHAUMBURG STORAGE YARD AT 714 SOUTH PLUM GROVE ROAD.

13 THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. DEBRIS AND ANY SURPLUS MATERIAL SHALL BE REMOVED AS THE WORK PROCEEDS. RESTORATION SHALL PROCEED IN ACCORDANCE WITH THE PROJECT SPECIAL PROVISIONS WITH SODDING TO BE PLACED BEGINNING SEPTEMBER 1. IF THE OWNER OR THE ENGINEER SO DIRECTS, THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. DEBRIS AND SURPLUS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE. PILES OF EXCAVATED MATERIAL (PAVEMENT, STONE, SOIL, ETC.) SHALL BE REMOVED FROM THE SITE AT THE END OF THE WORK DAY.

PROTECTION OF EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION:

14 THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. ALL DRAINAGE STRUCTURES ARE TO BE KEPT FREE OF ANY DEBRIS RESULTING FROM THE CONSTRUCTION OPERATIONS. ALL WORK AND MATERIAL NECESSARY TO PREVENT ACCUMULATION OF DEBRIS IN THE DRAINAGE STRUCTURES WILL BE INCLUDED IN THE COST OF INLET FILTERS. ANY ACCUMULATION OF DEBRIS IN THE DRAINAGE STRUCTURES RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE REMOVED.

15 THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS WHEN WORKING NEAR OR ABOVE EXISTING SEWERS IN ORDER TO PROTECT THESE PIPES DURING CONSTRUCTION FROM ANY DAMAGE RESULTING FROM HIS OPERATIONS. ALL WORK AND MATERIAL NECESSARY TO REPLACE EXISTING SEWERS DAMAGED BECAUSE OF NONCOMPLIANCE WITH THIS PROVISION SHALL BE AS DIRECTED BY THE ENGINEER, IN ACCORDANCE WITH SECTION 603 OF THE "STANDARD SPECIFICATIONS".

MISCELLANEOUS

16 PAVEMENT, CURB AND GUTTER, SHOULDERS, AND/OR ANY OTHER STRUCTURE REMOVALS SHALL BE ACCORDING TO SECTION 440 OF THE STANDARD SPECIFICATION EXCEPT AS DESCRIBED HEREIN. THE USE OF ANY TYPE OF CONCRETE BREAKERS THAT MAY DAMAGE UNDERGROUND PUBLIC AND/OR PRIVATE UTILITIES, WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.

17 THE CONTRACTOR IS PROHIBITED FROM BREAKING UP CONCRETE OR ASPHALT BY DROPPING IT ON PAVEMENT, OR IN ANY OTHER MANNER THAT IN THE OPINION OF THE ENGINEER OR REPRESENTATIVE OF THE ENGINEER MAY DAMAGE EXISTING OR PROPOSED PAVEMENTS, OR OTHER ROADWAY APPURTENANCES.

18 ALIGNMENT DATUM AS SHOWN ON THE PLANS IS INCLUDED FOR INFORMATION PURPOSES ONLY. THE INTENT IS TO RECREATE THE ALIGNMENTS IN THE EXISTING LOCATIONS, AND RESURFACE THE STREET IN ITS EXISTING LOCATIONS.

GENERAL NOTES

19 EXISTING SIGNS ARE TO REMAIN IN PLACE THROUGHOUT THE DURATION OF CONSTRUCTION. SHOULD EXISTING SIGNS REQUIRE TEMPORARY REMOVAL FOR CONSTRUCTION OPERATIONS THE EXISTING SIGNS SHALL BE REPLACED AT ITS PRECONSTRUCTION LOCATION.

20 LOCATIONS SHOWN FOR SIDEWALK REPLACEMENT ARE APPROXIMATE. THE CONTRACTOR SHALL CONFIRM WITH THE ENGINEER IN THE FIELD PRIOR TO PERFORMING THE WORK.

21 BEGINNING AT STATION 208+25, THE SHARED USE PATH SHALL BE INSTALLED AT ONE (1) FOOT OFFSET SOUTH OF THE ROW. THIS IS TO PROVIDE A UNIFORM LOCATION, AS THE EXISTING SIDEWALK LOCATION VARIES FROM APPROXIMATELY 0.5 FEET TO 1.5 FEET SOUTH OF THE ROW.

22 AGGREGATE SUBGRADE IMPROVEMENT (CU.YD.) HAS BEEN PROVIDED FOR USE AT THE LOCATION INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU.YD.) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOIL SHOULD BE TESTED WITH A STATIC AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC STANDARD AND CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOIL ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

CURB AND GUTTER REPLACEMENT:

23 THE THICKNESS OF THE PROPOSED GUTTER FLAG SHALL BE 10" UNLESS OTHERWISE STATED IN THE PLANS OR DIRECTED BY THE ENGINEER.

24 LOCATIONS SHOWN FOR REPLACEMENT ARE APPROXIMATE. THE CONTRACTOR SHALL CONFIRM WITH THE ENGINEER IN THE FIELD PRIOR TO PERFORMING THE WORK.

25 AFTER SPOT REMOVAL AND REPLACEMENT OF CURB AND GUTTER ON ALL VILLAGE STREETS TO BE RESURFACED, THE CONTRACTOR SHALL FRONT FILL THE DAMAGED PAVEMENT WITH 1/4" TO 1/2" COARSE FRAP, OR CM 16 (3/8") CRUSHED CHIP OR ANOTHER AGGREGATE APPROVED BY THE ENGINEER PRIOR TO FRONT FILLING THE DAMAGED PAVEMENT. THE CONTRACTOR SHALL CLEAN ALL DEBRIS FROM THE AREA TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE DONE PRIOR TO THE PLACEMENT OF BINDER COURSE.

26 DISTURBED PAVEMENT ADJACENT TO NEW CURB AND GUTTER SHALL BE RESTORED IMMEDIATELY FOLLOWING REPLACEMENT OPERATIONS, IN ALL CASES WITHIN THREE (3) WORKING DAYS FROM THE DATE THE CURB AND GUTTER WAS CAST. THE ENGINEER SHALL STOP THE CONTRACTOR FROM FURTHER REMOVAL OPERATIONS AT ANY TIME HE DETERMINES THE RESTORATION IS NOT BEING DONE IN A TIMELY MANNER.

SOD:

27 THE CONTRACTOR WILL BE REQUIRED TO UTILIZE WATER FOR SOD INSTALLATION FROM EITHER THE SCHAUMBURG PUBLIC WORKS BUILDING AT 714 SOUTH PLUM GROVE ROAD OR AN ACCEPTABLE OUTSIDE SOURCE. VILLAGE POTABLE WATER USE WILL NOT BE ALLOWED. UNDER NO CIRCUMSTANCES SHALL A CONTRACTOR OBTAIN WATER BY OPENING A VILLAGE FIRE HYDRANT.

28 A PRE-SOD INSTALLATION INSPECTION SHALL BE HELD WITH THE ENGINEER, GENERAL CONTRACTOR, AND LANDSCAPE SUB-CONTRACTOR. APPROVAL BY THE ENGINEER WILL BE REQUIRED PRIOR TO THE INSTALLATION OF SOD.

29 SOD AND TOPSOIL SHALL BE OBTAINED FROM AN IDOT APPROVED SUPPLIER. MATERIAL CERTIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR ALL MATERIALS PLACED.

CONSTRUCTION OPERATIONS / DRIVEWAY ACCESS:

30 THIS PROJECT IS LOCATED WITHIN A FULLY DEVELOPED RESIDENTIAL AREA. IN ORDER TO MINIMIZE THE IMPACT OF CONSTRUCTION TO RESIDENTS THE CONTRACTOR SHALL PLAN HIS WORK AS FOLLOWS OR AS DETERMINED BY THE ENGINEER OR REPRESENTATIVE OF THE ENGINEER. PLAN DETAILS SHALL BE INDICATED ON THE CONSTRUCTION SCHEDULE SUBMITTED AT THE PRECONSTRUCTION MEETING. • INSTALLATION OF UNDERDRAINS AND STORM SEWER IMPROVEMENTS; • REMOVAL AND REPLACEMENT OF CURB, DRIVEWAY AND SIDEWALK; • PAVEMENT REMOVAL/ PAVEMENT SURFACE REMOVAL; • PAVEMENT REPLACEMENT; • INSTALLATION OF PAVEMENT MARKINGS; • SOD REPLACEMENT

31 RESIDENTS WILL REQUIRE ACCESS TO THEIR HOMES DURING CONSTRUCTION OPERATIONS. THE ENGINEER OR REPRESENTATIVE OF THE ENGINEER WILL COORDINATE ANY RESIDENT SPECIAL NEEDS. THE CONTRACTOR SHALL, WHERE REQUIRED BY THE ENGINEER OR REPRESENTATIVE OF THE ENGINEER, PROVIDE IMMEDIATE ACCESS TO DRIVEWAYS AND INTERSECTING STREETS. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE ACCESS FOR EMERGENCY VEHICLES DURING THE TIME OF CONSTRUCTION.

32 ANY DRIVEWAY APRON THAT IS ADJACENT TO THE CURB AND GUTTER THAT IS TO BE REMOVED OR DISTURBED SHALL BE RESTORED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR REPRESENTATIVE OF THE ENGINEER AFTER THE NEW CURB AND GUTTER HAS BEEN CONSTRUCTED. THE CONTRACTOR MUST SCHEDULE THIS WORK SUCH THAT ONLY ONE SIDE OF THE STREET WILL BE UNDER CONSTRUCTION AT ANY ONE TIME. IN NO CASE SHALL AN OPEN EXCAVATION CAUSED BY REMOVAL OF EXISTING CURB AND GUTTER, DRIVEWAY OR SIDEWALK, WHETHER FORMED OR NOT FORMED, REMAIN OPEN FOR MORE THAN 3 WORKING DAYS.

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thomas engineering group, llc 762 shoreline drive suite 200 aurora, illinois 60504 phone: 855-533-1700
USER NAME = maciej.k
DESIGNED - JMY / MJK
DRAWN - MJK
PLOT SCALE = 2.0000' / in.
CHECKED - JMY
PLOT DATE = 5/3/2021
DATE - 04/30/2021
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
SCALE: N/A
SHEET 1 OF 1 SHEETS
STA. N/A TO STA. N/A

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	2
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES				
SCALE: N/A				
SHEET 1 OF 1 SHEETS				
STA. N/A TO STA. N/A				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTR. CODE	
				STU 75/25 ROADWAY URBAN 0005	100% LOCAL ROADWAY URBAN 0005
Δ 20101200	TREE ROOT PRUNING	EACH	4	4	
20200100	EARTH EXCAVATION	CU YD	341	341	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20	20	
20800150	TRENCH BACKFILL	CU YD	97	97	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1369	1369	
25200110	SODDING, SALT TOLERANT	SQ YD	1369	1369	
25200200	SUPPLEMENTAL WATERING	UNIT	13	13	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	33	33	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	20	20	
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	20	20	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	7	7	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	155	155	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2287	2287	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1143	1143	
42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SQ YD	722	722	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	34528	34528	
42400800	DETECTABLE WARNINGS	SQ FT	276	276	

Δ SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTR. CODE	
				STU 75/25 ROADWAY URBAN 0005	100% LOCAL ROADWAY URBAN 0005
44000167	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2"	SQ YD	13165	13165	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	819	819	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	478	478	
44000600	SIDEWALK REMOVAL	SQ FT	16138	16138	
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	60	60	
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	120	120	
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	180	180	
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	240	240	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1178	1178	
55101800	STORM SEWER REMOVAL 42"	FOOT	40		40
55101900	STORM SEWER REMOVAL 48"	FOOT	40		40
60104400	PIPE DRAINS, CORRUGATED STEEL 42"	FOOT	40		40
60104500	PIPE DRAINS, CORRUGATED STEEL 48"	FOOT	40		40
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60224469	MANHOLES, TYPE A, 9"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60251500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	10	10	
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	

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USER NAME = maciej	DESIGNED - JMY / MJK	REVISED -
762 shoreline drive	DRAWN - MJK	REVISED -
suite 200	CHECKED - JMY	REVISED -
aurora, illinois 60504	DATE - 04/30/2021	REVISED -
phone: 855-533-1700		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 1 OF 3 SHEETS STA. N/A TO STA. N/A

MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 3
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTR. CODE	
				STU 75/25 ROADWAY URBAN 0005	100% LOCAL ROADWAY URBAN 0005
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60256700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	1	1	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	9	9	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	478	478	
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	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	180	180	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	752	752	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	251	251	
Δ 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	7	7	
Δ 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	15	15	
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	53	53	
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	107	107	
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5321	5321	
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	87	87	

Δ SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTR. CODE	
				STU 75/25 ROADWAY URBAN 0005	100% LOCAL ROADWAY URBAN 0005
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	221	221	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	53	53	
Δ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	
Δ 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1	
Δ 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	100	100	
Δ 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	825	825	
Δ 81603080	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE) , 1 1/4" POLYETHYLENE	FOOT	3272	3272	
Δ 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	300	300	
Δ 82110003	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION C	EACH	24	24	
Δ 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP	EACH	1	1	
Δ 83000198	LIGHT POLE, ALUMINUM, 25 FT. M.H., 10 FT. MAST ARM	EACH	24	24	
Δ 83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6"	EACH	24	24	
Δ 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	24	24	
Δ 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	7	7	
Δ 84200804	REMOVAL OF POLE FOUNDATION	EACH	7	7	
Δ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	350	350	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	

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thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

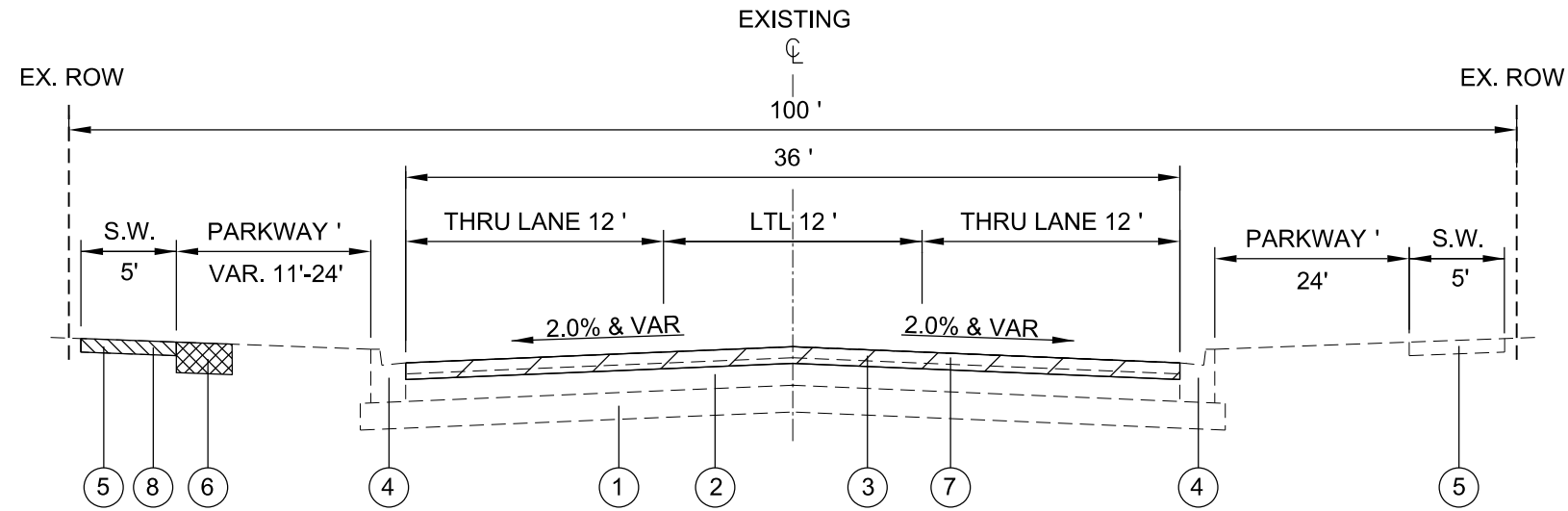
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	DATE - 04/30/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

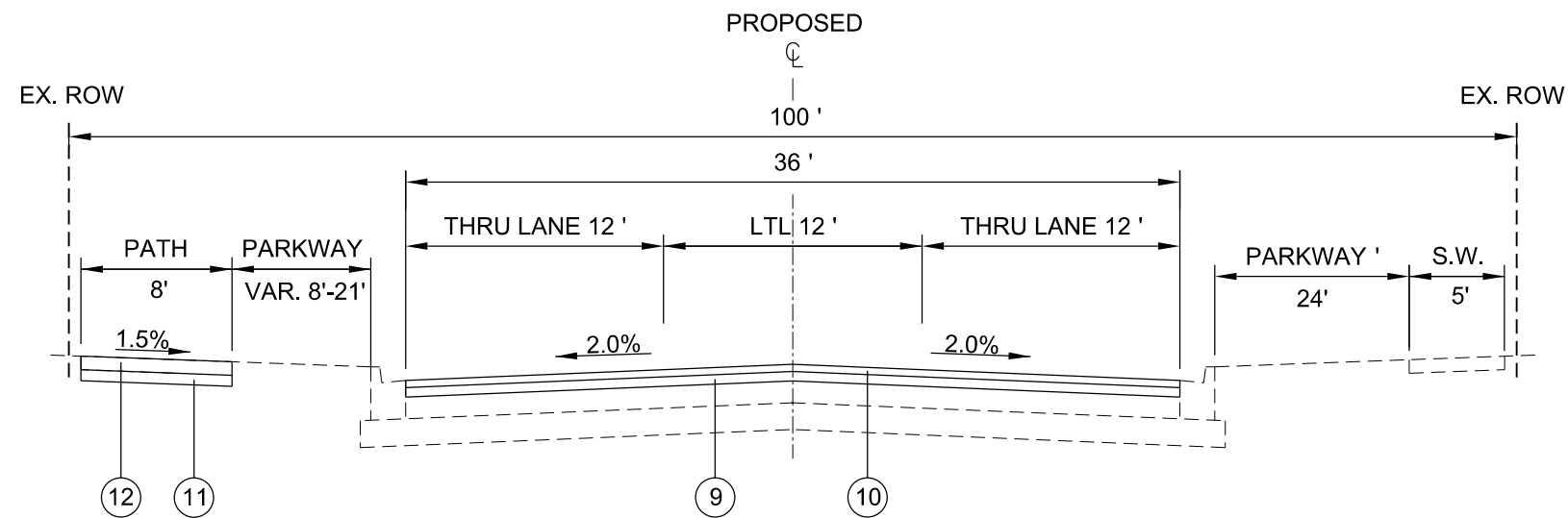
SUMMARY OF QUANTITIES

SCALE: N/A SHEET 2 OF 3 SHEETS STA. N/A TO STA. N/A

MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H07	



EXISTING TYPICAL SECTION
WEATHERSFIELD WAY
STA. 100+83 TO STA. 102+82



PROPOSED TYPICAL SECTION
WEATHERSFIELD WAY
STA. 100+83 TO STA. 102+82

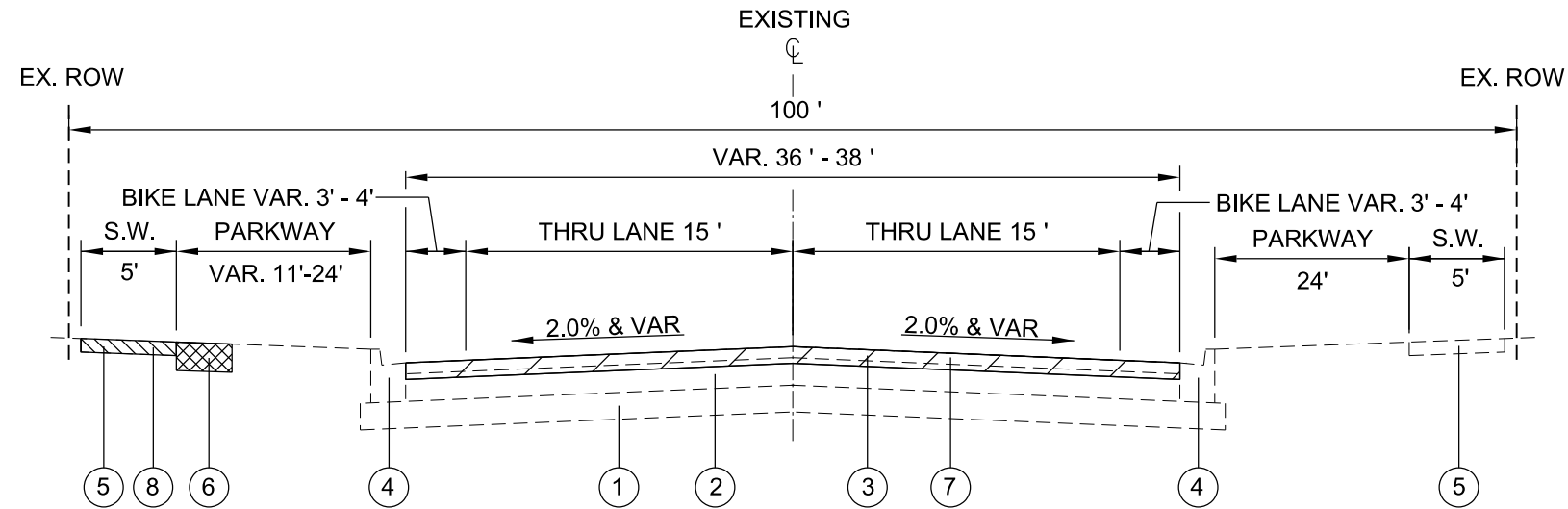
LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING HOT-MIX ASPHALT BASE COURSE
- ③ EXISTING HOT-MIX ASPHALT SURFACE COURSE
- ④ EXISTING CURB AND GUTTER, TYPE B-6.12
- ⑤ EXISTING P.C.C. SIDEWALK
- ⑥ EARTH EXCAVATION
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 4.5"
- ⑧ SIDEWALK REMOVAL
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 3"
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1.5"
- ⑪ PROPOSED AGGREGATE SUB-GRADE, 2"
- ⑫ PROPOSED P.C.C. PATH, 5"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 Gyr.
CLASS D PATCHES	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 Gyr.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL "PG 64 -22" UNLESS MODIFIED BY SPECIALS PROVISIONS.
3. THE CONTRACTOR SHALL MILL BEFORE PATCHING.
4. FOR USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS.

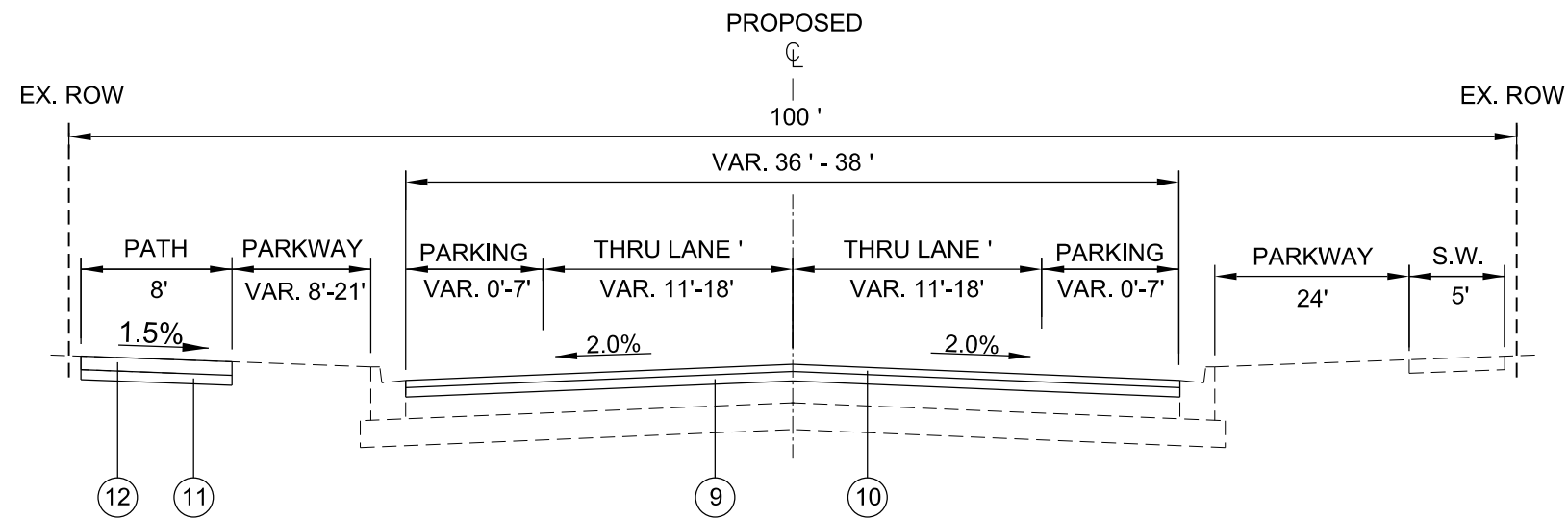
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EXISTING TYPICAL SECTION
 WEATHERSFIELD WAY
 STA. 102+82 TO STA. 130+89

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING HOT-MIX ASPHALT BASE COURSE
- ③ EXISTING HOT-MIX ASPHALT SURFACE COURSE
- ④ EXISTING CURB AND GUTTER, TYPE B-6.12
- ⑤ EXISTING P.C.C. SIDEWALK
- ⑥ EARTH EXCAVATION
- ⑦ HOT-MIX ASPHALT SURFACE REMOVAL, 4.5"
- ⑧ SIDEWALK REMOVAL
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 3"
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1.5"
- ⑪ PROPOSED AGGREGATE SUB-GRADE, 2"
- ⑫ PROPOSED P.C.C. PATH, 5"

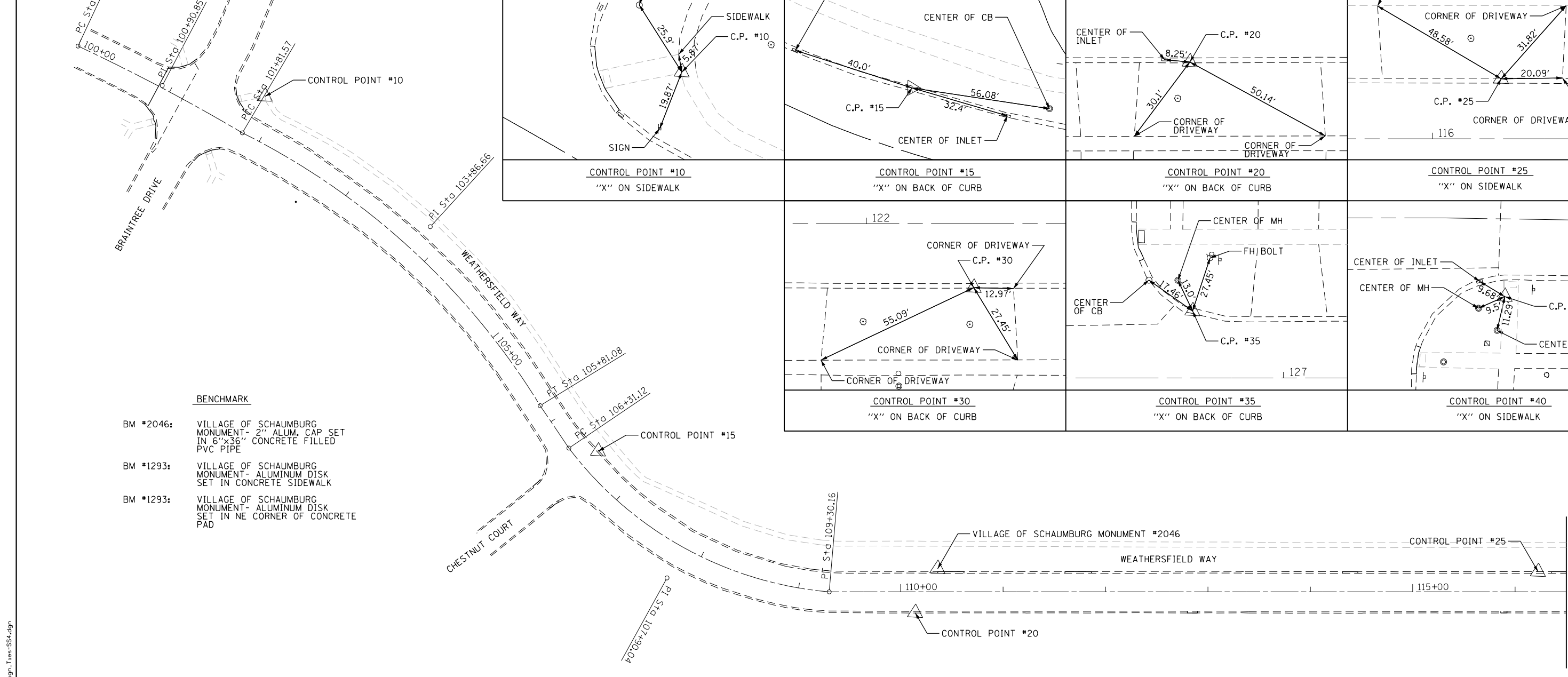


PROPOSED TYPICAL SECTION
 WEATHERSFIELD WAY
 STA. 102+82 TO STA. 130+89

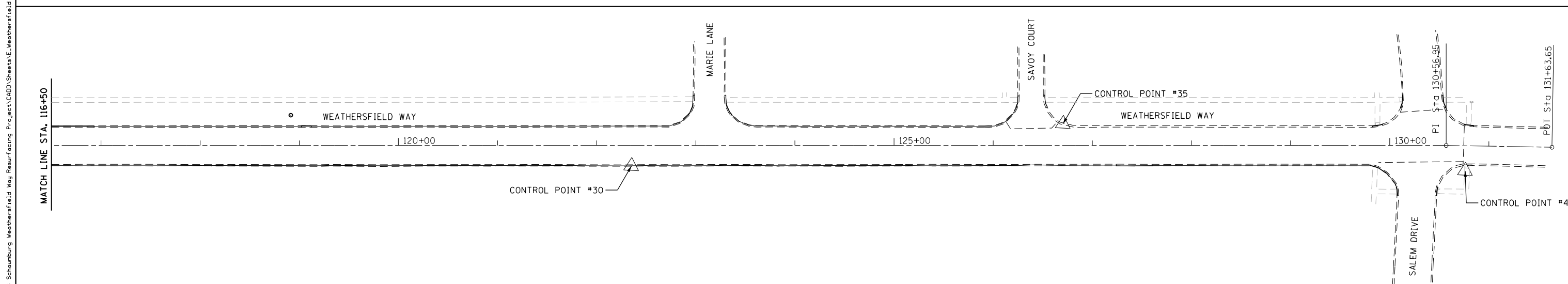
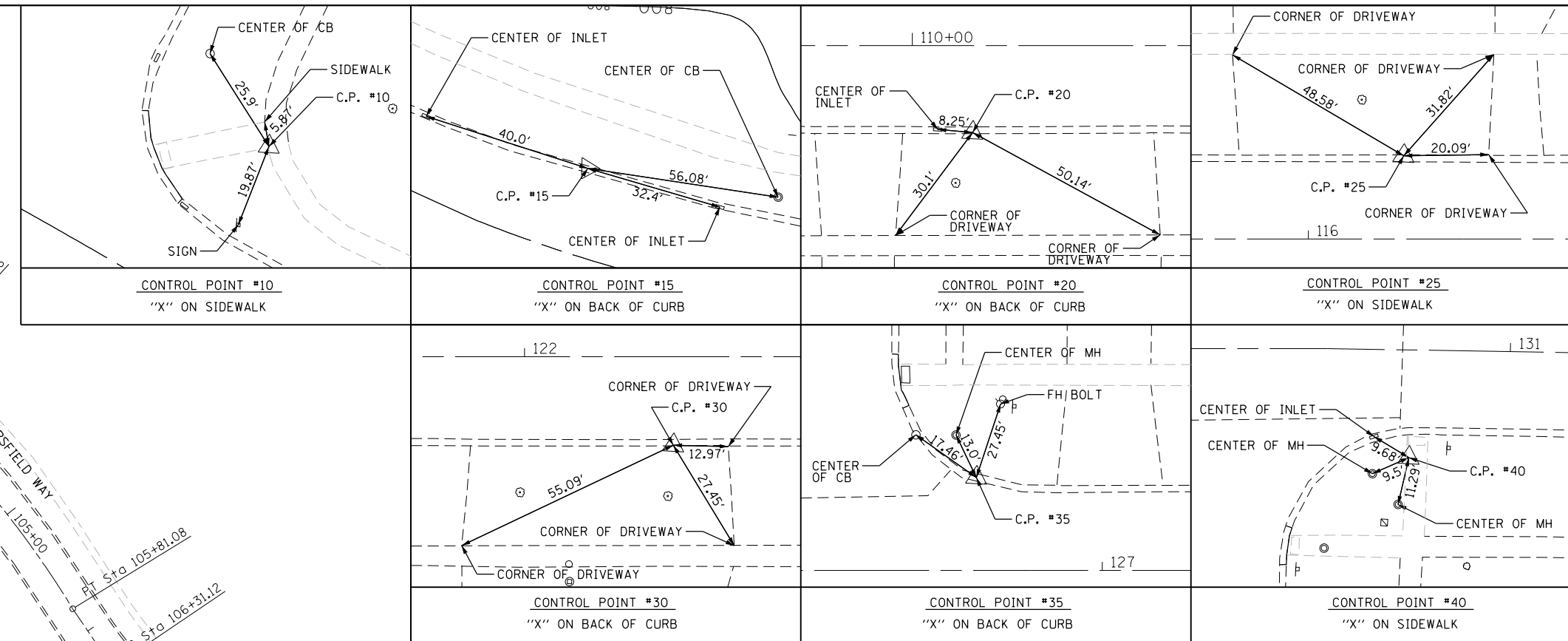
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PLOT SCALE = 2.0000' / in.	DRAWN - MJK	REVISED -
PLOT DATE = 5/3/2021	CHECKED - JMY	REVISED -
	DATE - 04/30/2021	REVISED -

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H07	



- BENCHMARK**
- BM #2046: VILLAGE OF SCHAUMBURG MONUMENT- 2" ALUM. CAP SET IN 6"x36" CONCRETE FILLED PVC PIPE
 - BM #1293: VILLAGE OF SCHAUMBURG MONUMENT- ALUMINUM DISK SET IN CONCRETE SIDEWALK
 - BM #1293: VILLAGE OF SCHAUMBURG MONUMENT- ALUMINUM DISK SET IN NE CORNER OF CONCRETE PAD



thomas engineering group, llc
762 shoreline drive
suite 200
aurora, illinois 60504
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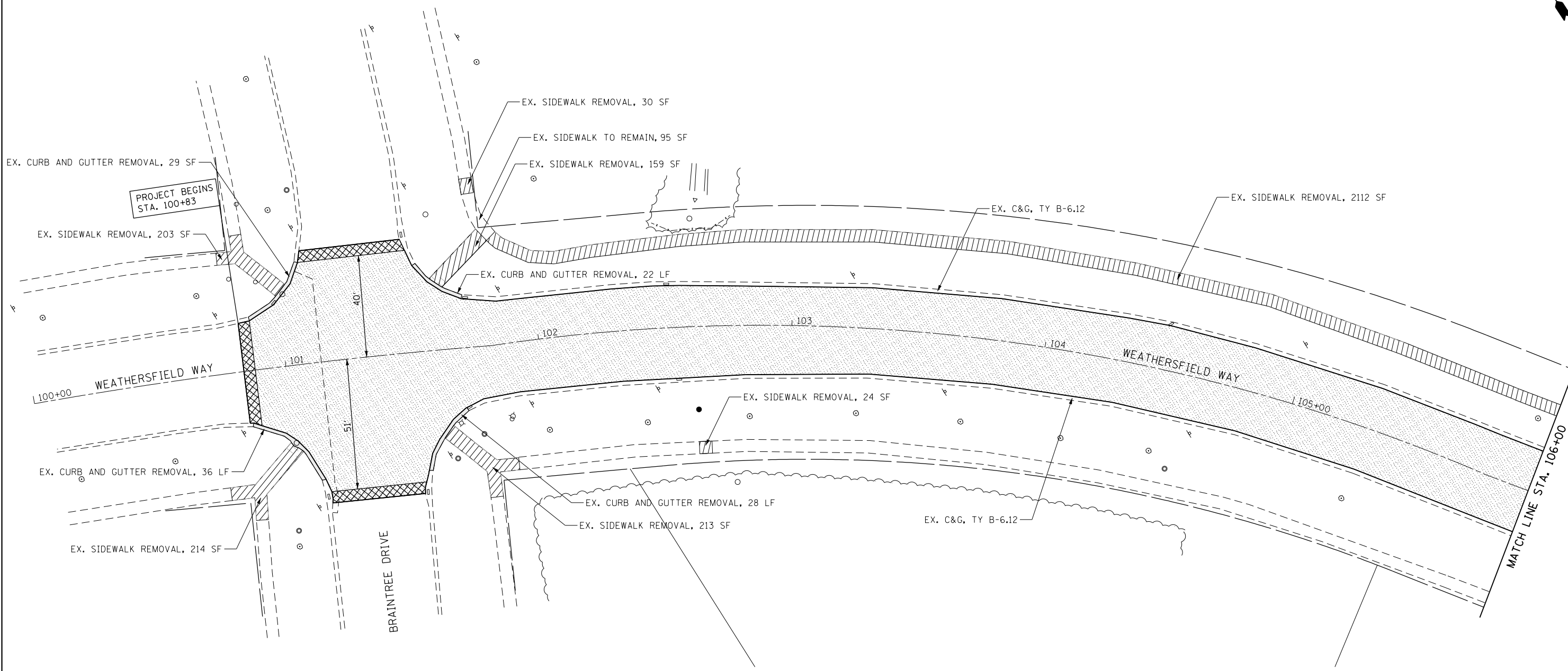
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT AND TIES

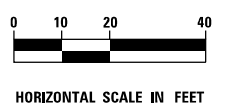
SCALE: 1 : 50 SHEET 1 OF 1 SHEETS STA. 100+00 TO STA. 131+63

MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 8
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL, 4.5"
	P.C.C. SIDEWALK REMOVAL
	HMA SURFACE REMOVAL, BUTT JOINTS
	CURB AND GUTTER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL



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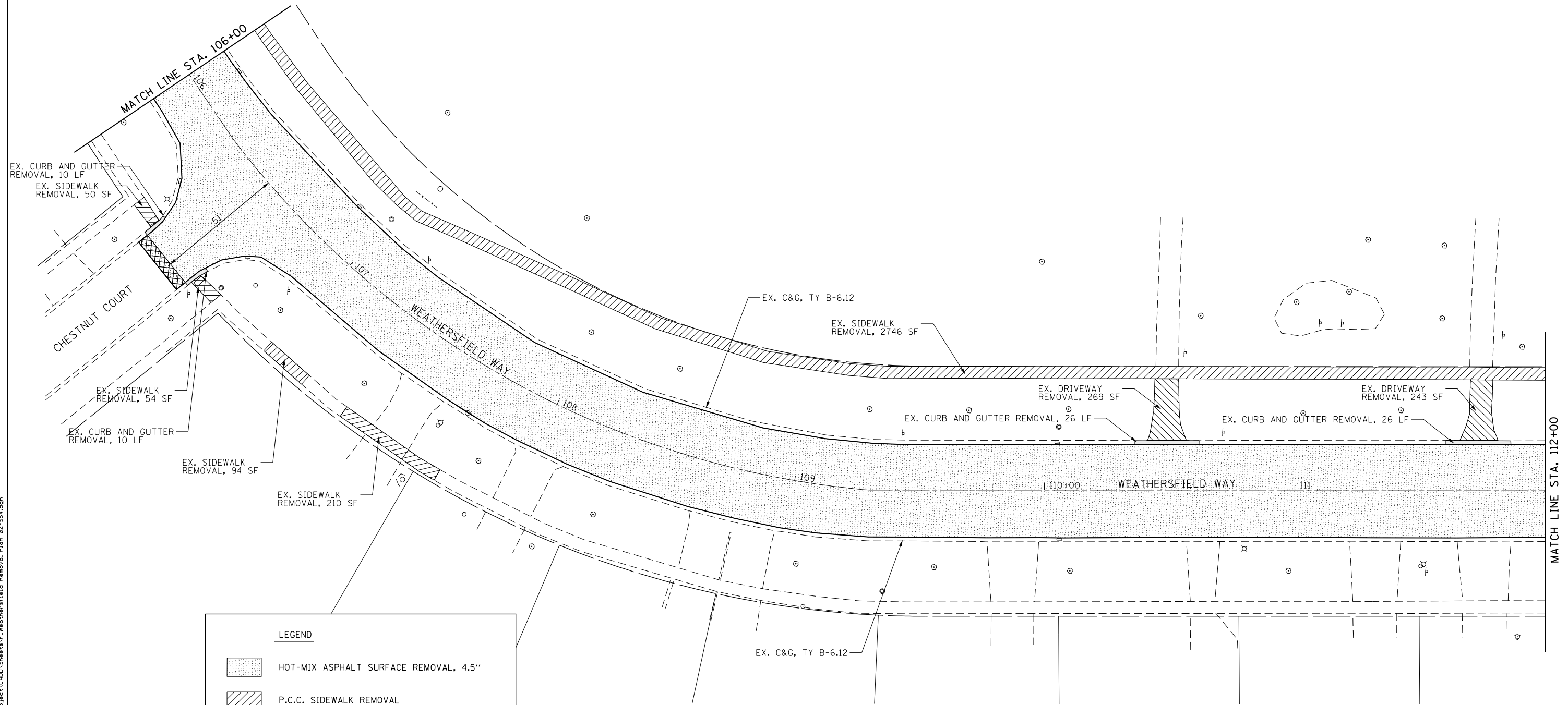
thomas engineering group, llc
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700






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	DATE - 04/30/2021	REVISED -

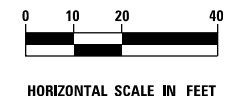
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS			
SCALE: 1 : 20	SHEET 1	OF 4 SHEETS	STA. 100+83 TO STA. 106+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	9
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL, 4.5"
	P.C.C. SIDEWALK REMOVAL
	HMA SURFACE REMOVAL, BUTT JOINTS
	CURB AND GUTTER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL



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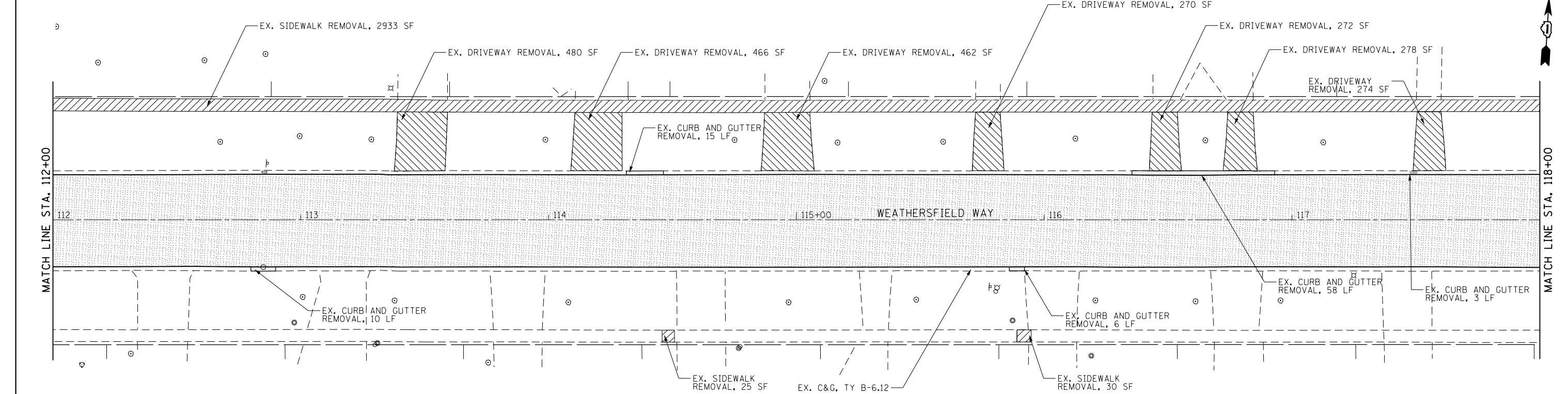
thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

USER NAME = maciej	DESIGNED - JMY / MJK	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - MJK	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

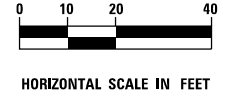
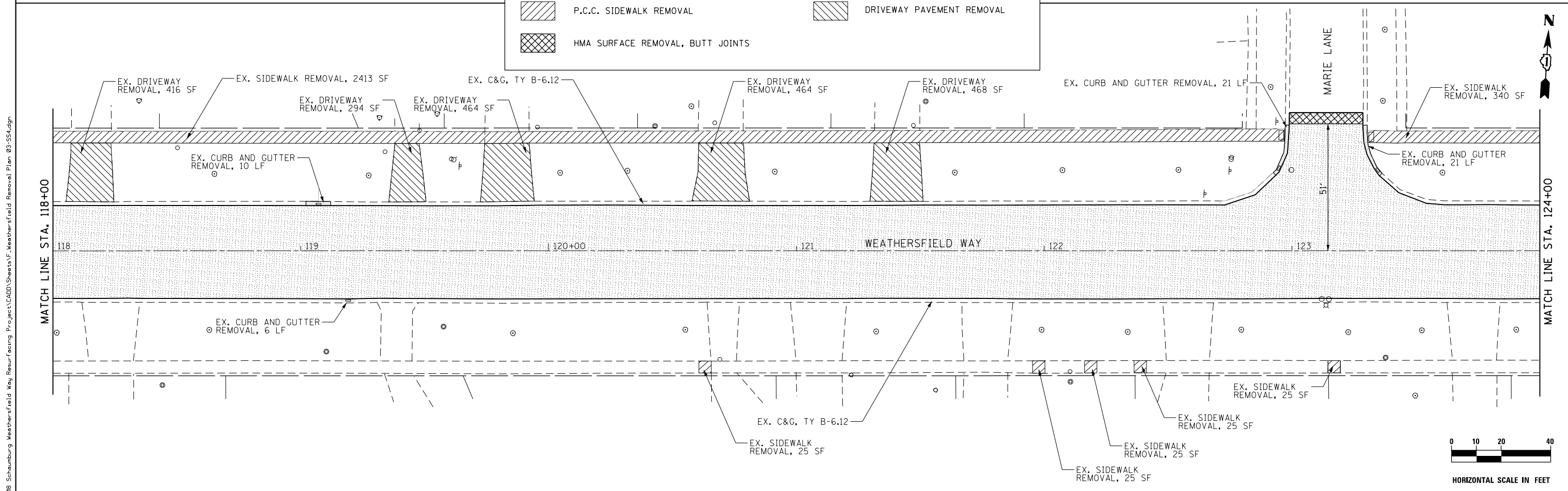
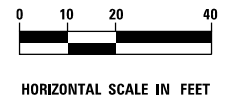
REMOVAL PLANS			
SCALE: 1 : 20	SHEET 2	OF 4 SHEETS	STA. 106+00 TO STA. 112+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	10
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL, 4.5"		CURB AND GUTTER REMOVAL
	P.C.C. SIDEWALK REMOVAL		DRIVEWAY PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, BUTT JOINTS		



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aurora, illinois 60504
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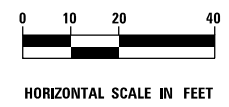
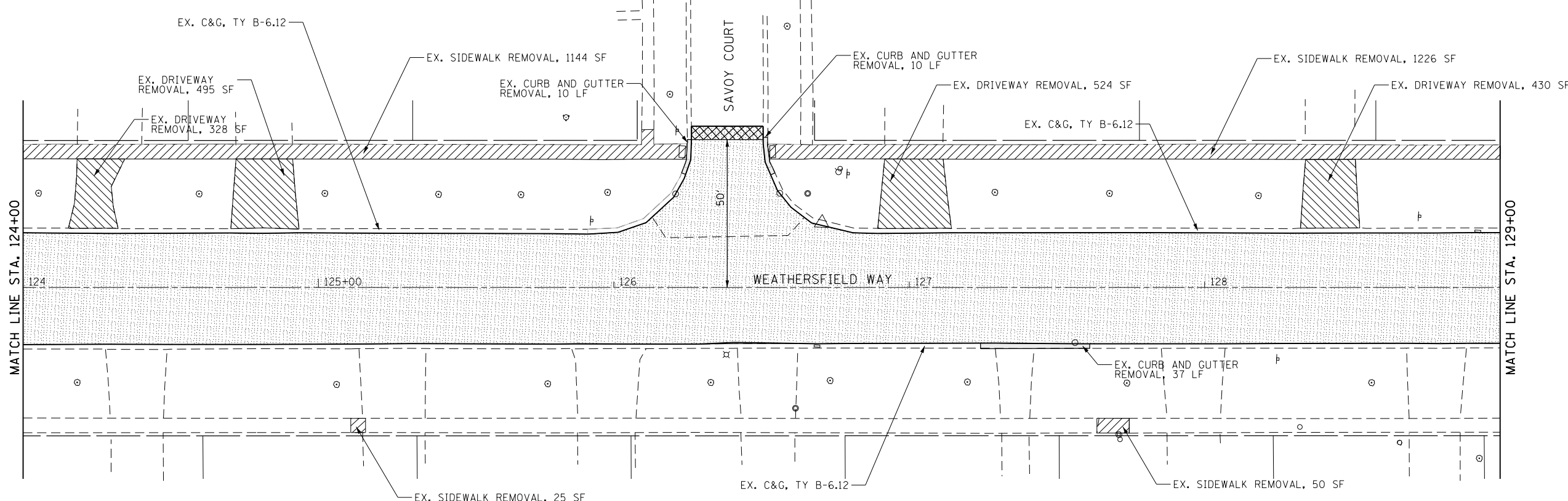
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

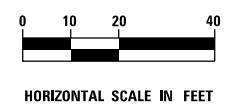
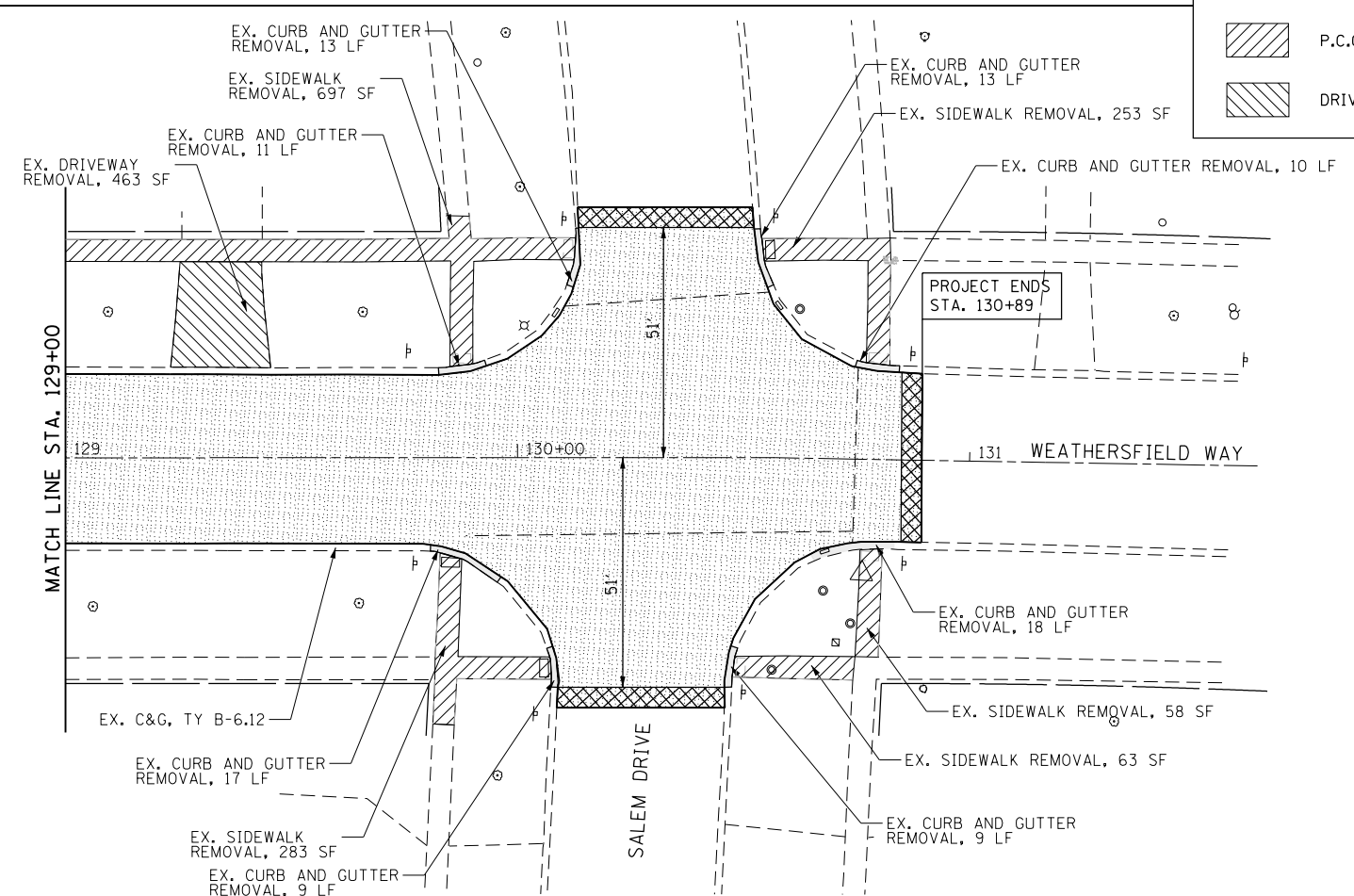
SCALE: 1 : 20 SHEET 3 OF 4 SHEETS STA. 112+00 TO STA. 124+00

MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 11
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL, 4.5"	HMA SURFACE REMOVAL, BUTT JOINTS
P.C.C. SIDEWALK REMOVAL	CURB AND GUTTER REMOVAL
DRIVEWAY PAVEMENT REMOVAL	



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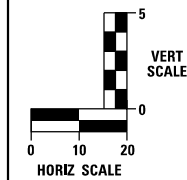
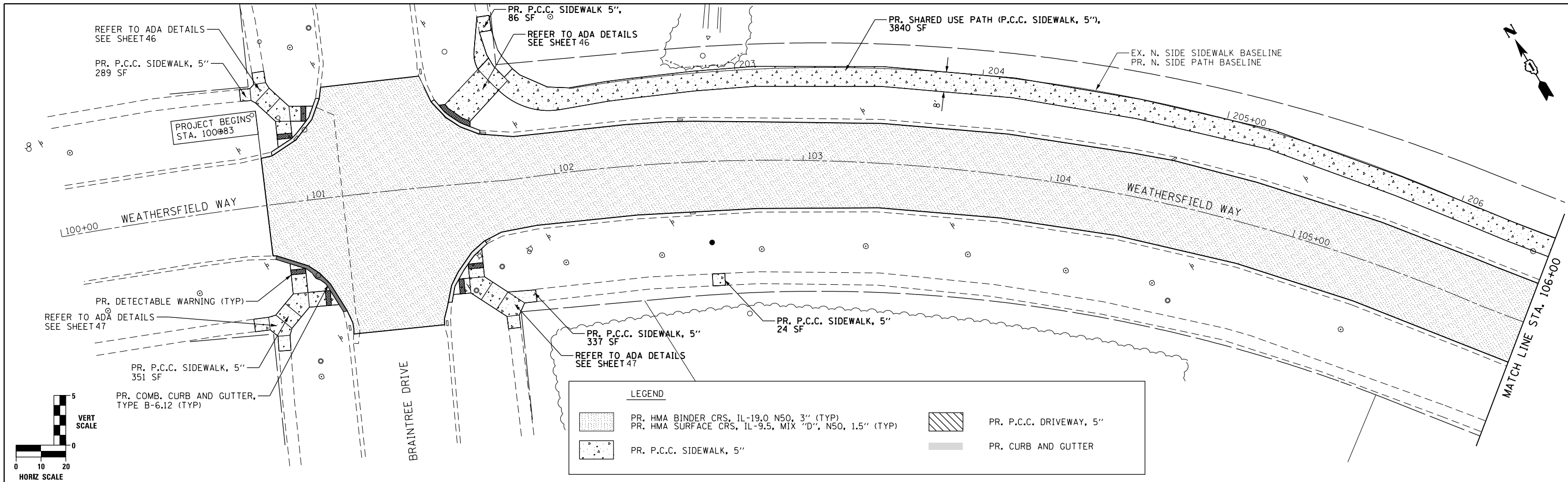
thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

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PLOT DATE = 5/3/2021	CHECKED - JMY	REVISED -
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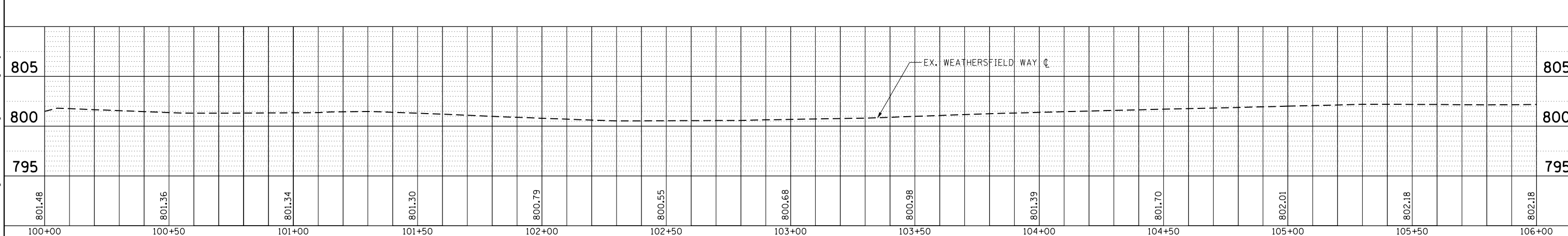
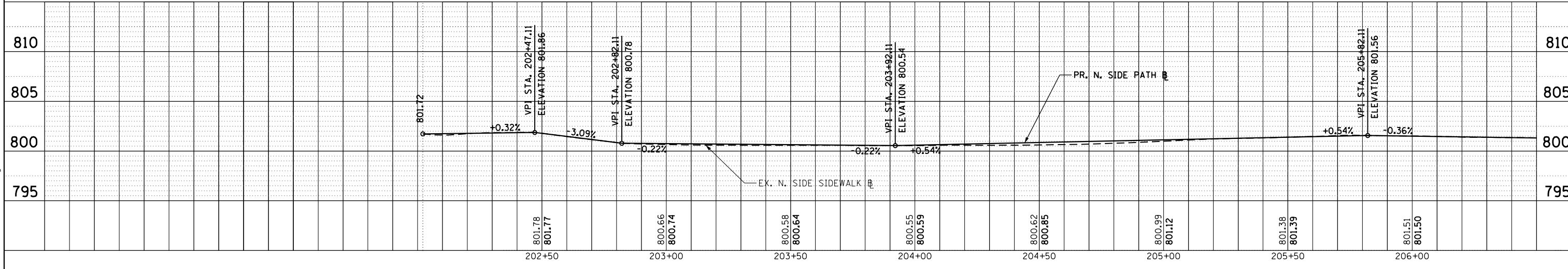
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS	
SCALE: 1 : 20	SHEET 4 OF 4 SHEETS STA. 124+00 TO STA. 130+89

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	12
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



LEGEND	
	PR. HMA BINDER CRS, IL-19.0 N50, 3" (TYP) PR. HMA SURFACE CRS, IL-9.5, MIX "D", N50, 1.5" (TYP)
	PR. P.C.C. DRIVEWAY, 5"
	PR. P.C.C. SIDEWALK, 5"
	PR. CURB AND GUTTER



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762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700

USER NAME = mcaejk	DESIGNED - JMY / MJK	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - MJK	REVISED -
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	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN AND PROFILE

SCALE: 1 : 20 SHEET 1 OF 6 SHEETS STA. 100+83 TO STA. 106+00

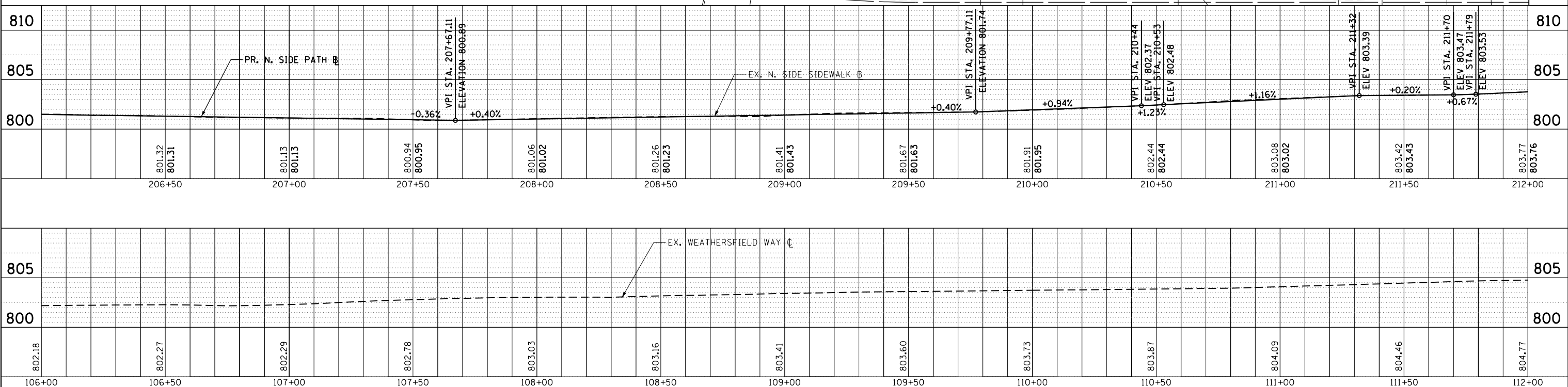
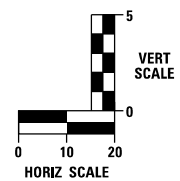
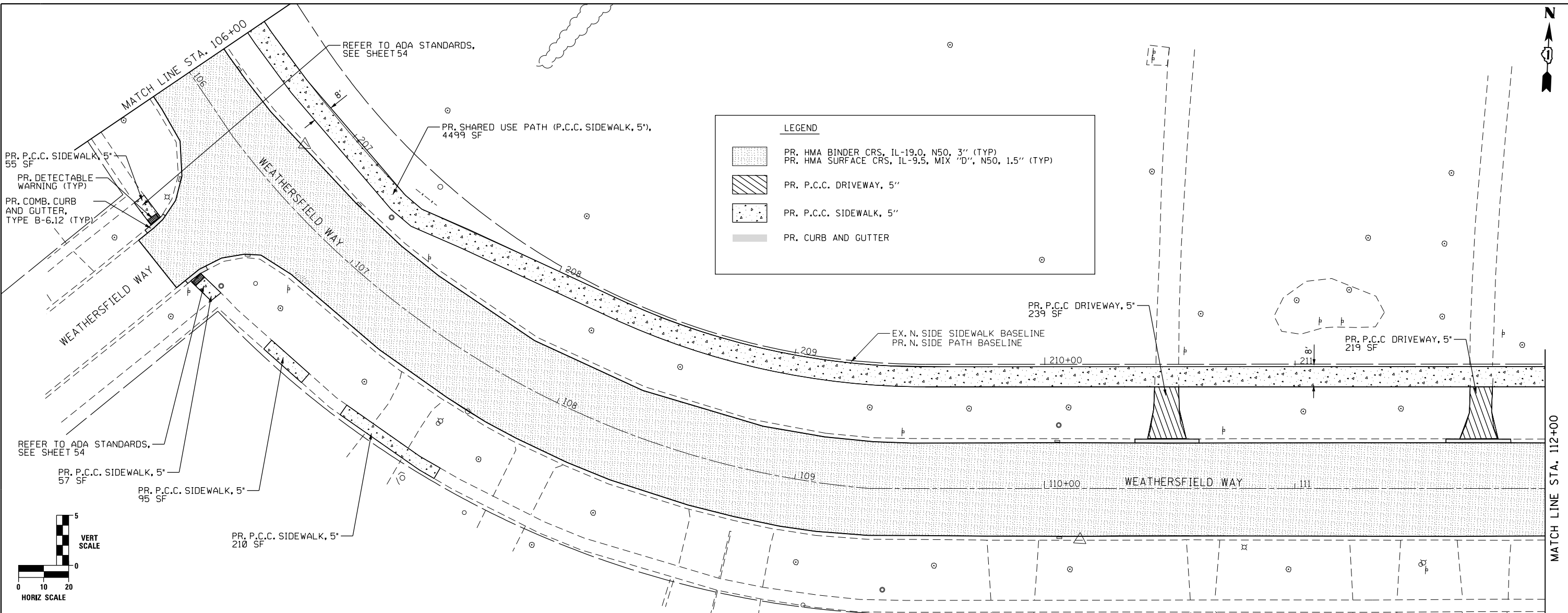
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CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

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LEGEND

- PR. HMA BINDER CRS, IL-19.0, N50, 3" (TYP)
- PR. HMA SURFACE CRS, IL-9.5, MIX "D", N50, 1.5" (TYP)
- PR. P.C.C. DRIVEWAY, 5"
- PR. P.C.C. SIDEWALK, 5"
- PR. CURB AND GUTTER



thomas engineering group, Inc.
762 shoreline drive
suite 200
aurora, il 60504
phone: 855-533-1700

USER NAME = maciej	DESIGNED - JMY / MJK	REVISED -
DRAWN - MJK	REVISIONS	
CHECKED - JMY	REVISIONS	
DATE - 04/30/2021	REVISIONS	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN AND PROFILE

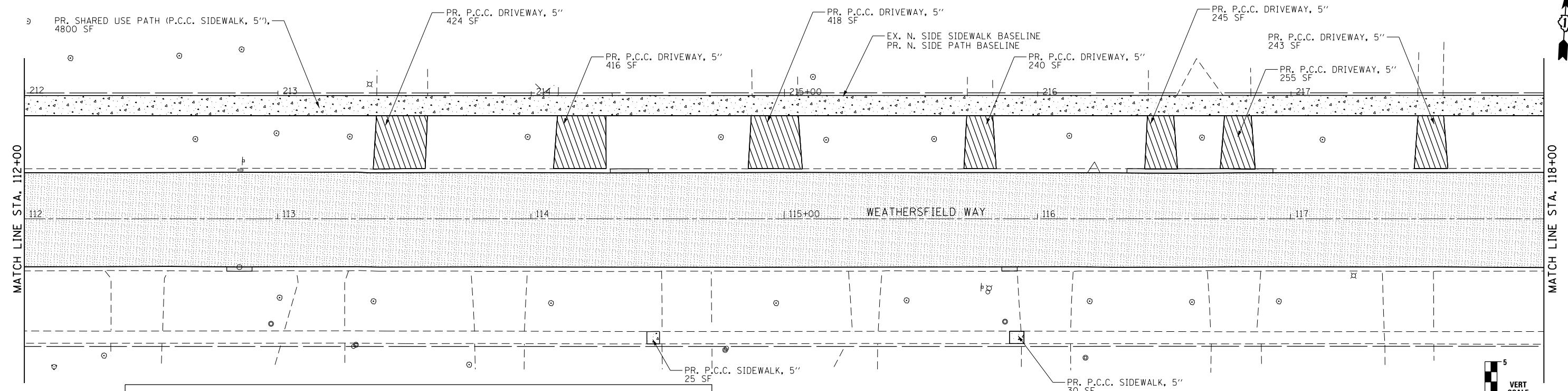
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SHEET 2 OF 6 SHEETS

STA. 106+00 TO STA. 112+00

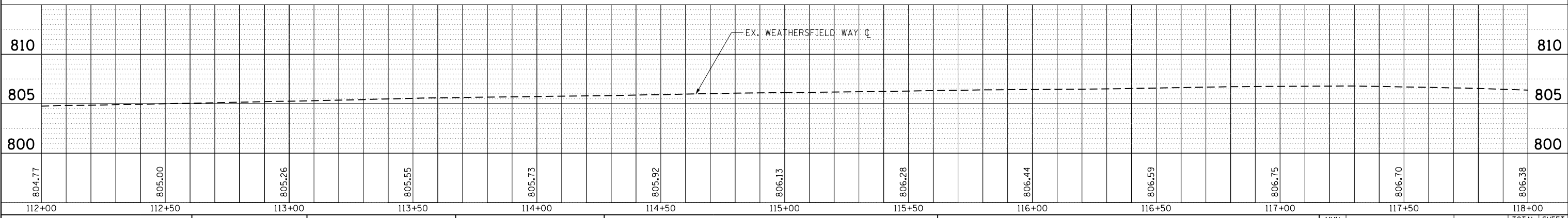
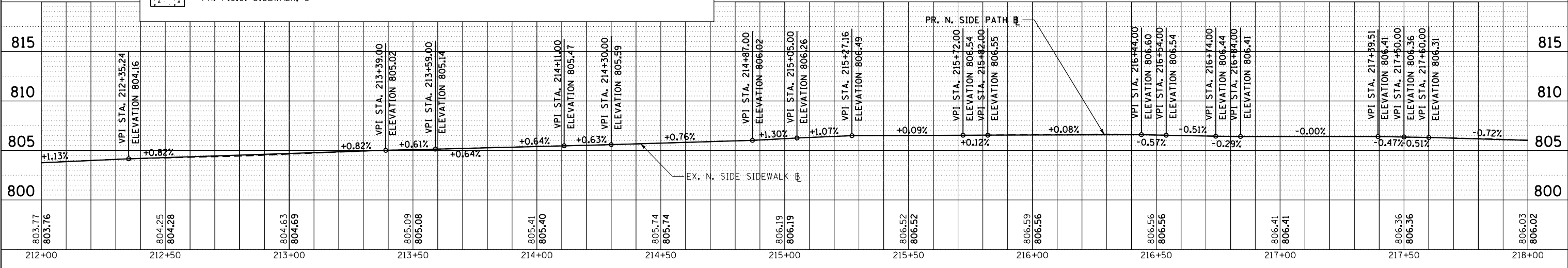
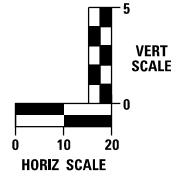
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CONTRACT NO. 61H07				ILLINOIS FED. AID PROJECT

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LEGEND

	PR. HMA BINDER CRS, IL-19.0 N50, 3" (TYP)		PR. P.C.C. DRIVEWAY, 5"
	PR. HMA SURFACE CRS, IL-9.5, MIX "D", N50, 1.5" (TYP)		PR. CURB AND GUTTER
	PR. P.C.C. SIDEWALK, 5"		



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suite 200
aurora, illinois 60504
phone: 855-533-1700

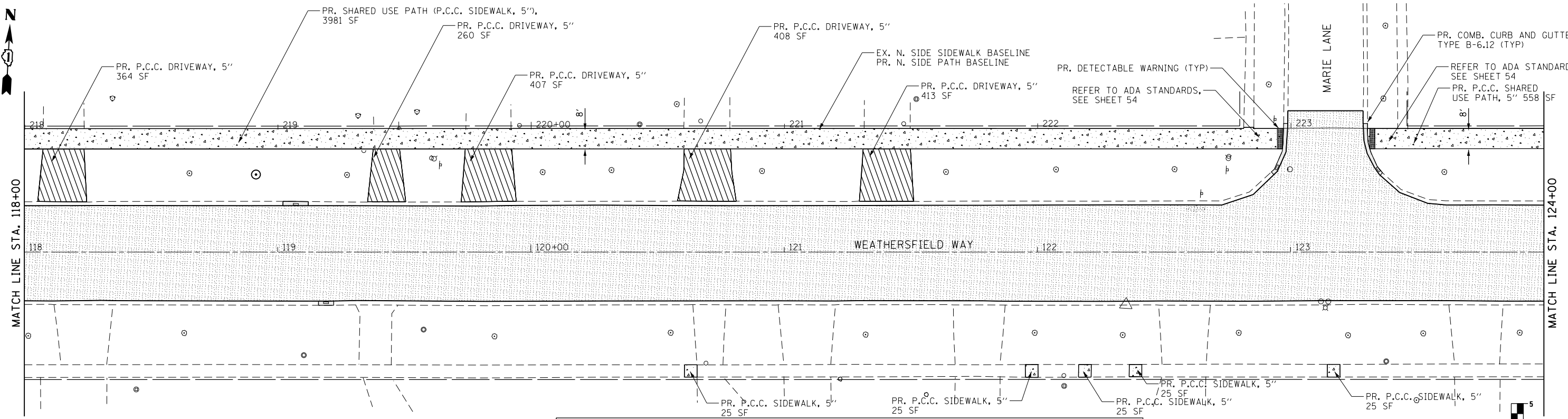
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN AND PROFILE

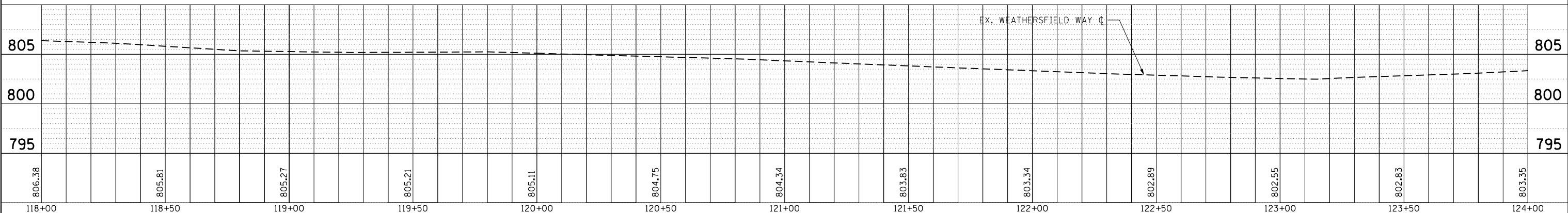
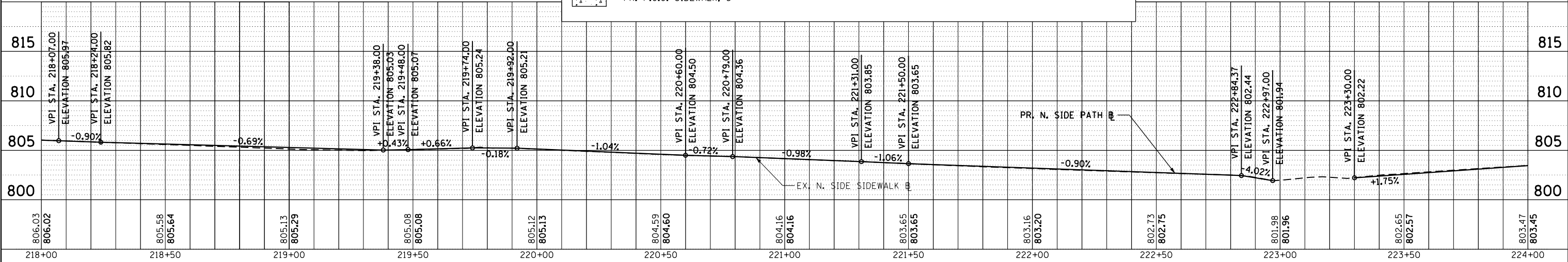
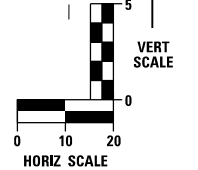
SCALE: 1 : 20 SHEET 1 OF 6 SHEETS STA. 112+00 TO STA. 118+00

MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 15
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



LEGEND

	PR. HMA BINDER CRS, IL-19.0 N50, 3" (TYP)		PR. P.C.C. DRIVEWAY, 5"
	PR. HMA SURFACE CRS, IL-9.5, MIX "D", N50, 1.5" (TYP)		PR. CURB AND GUTTER
	PR. P.C.C. SIDEWALK, 5"		



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suite 200
aurora, illinois 60504
phone: 855-533-1700

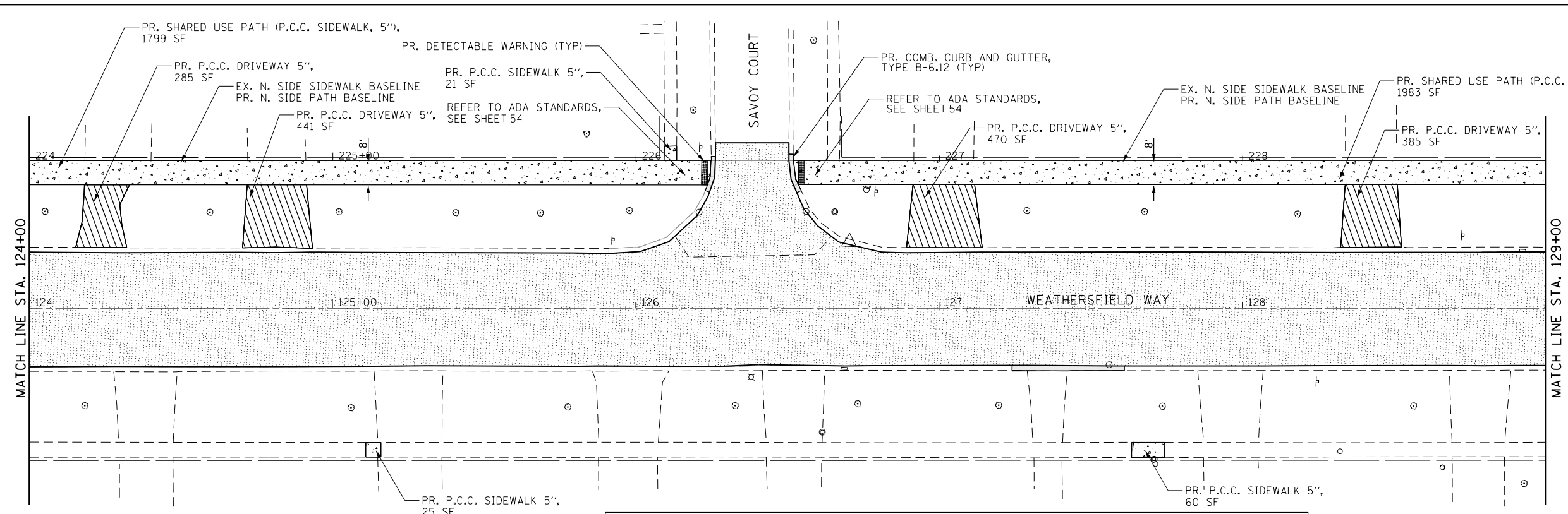
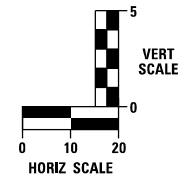
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	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN AND PROFILE

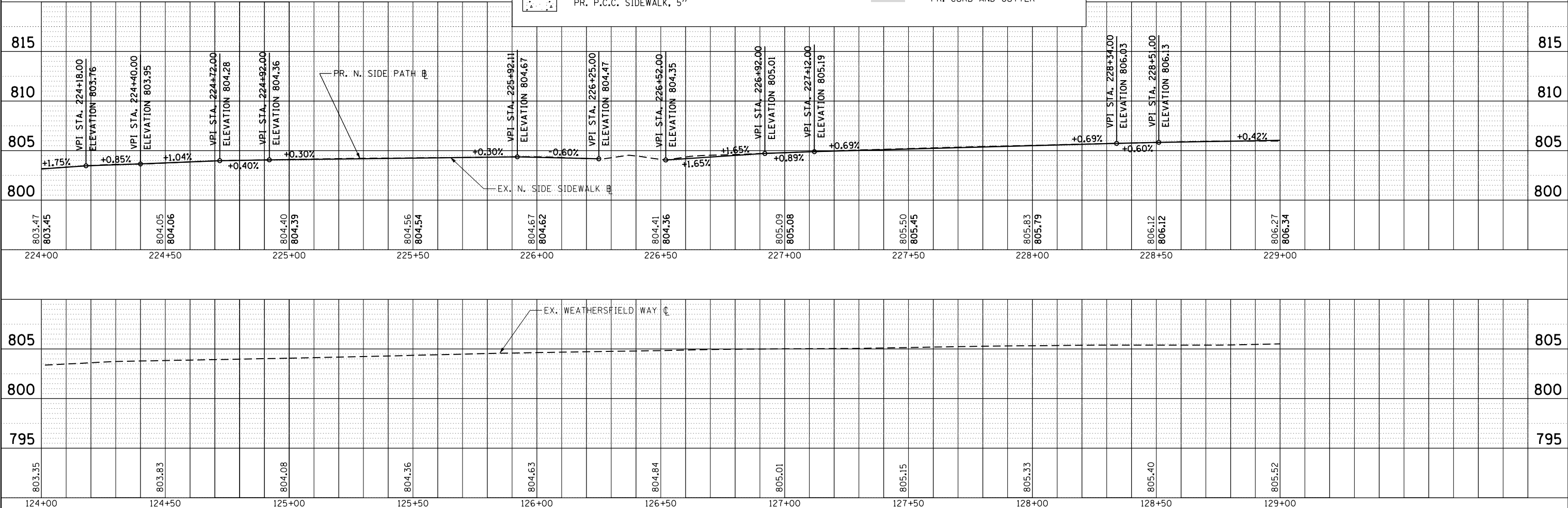
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MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 16
CONTRACT NO. 61H07				ILLINOIS FED. AID PROJECT



LEGEND

	PR. HMA BINDER CRS, IL-19.0 N50, 3" (TYP)		PR. P.C.C. DRIVEWAY, 5"
	PR. HMA SURFACE CRS, IL-9.5, MIX "D", N50, 1.5" (TYP)		PR. CURB AND GUTTER
	PR. P.C.C. SIDEWALK, 5"		



T:\Projects\16-008_Schamburg_Weathersfield_May_Repairing_Project\CADD\Sheets\G_Weathersfield_PP_05-SSA.dgn

thomas engineering group, Inc.
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700

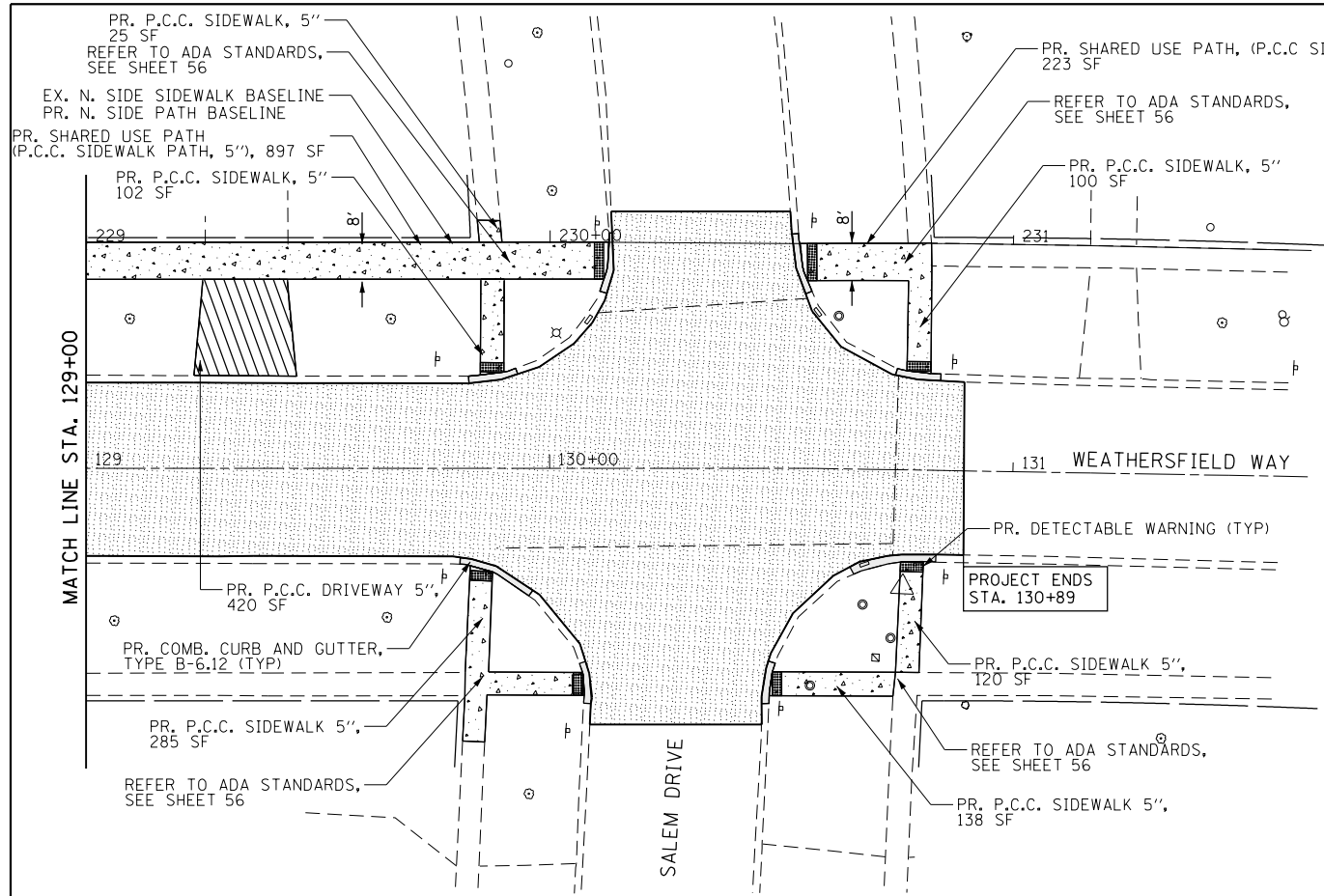
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	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN AND PROFILE

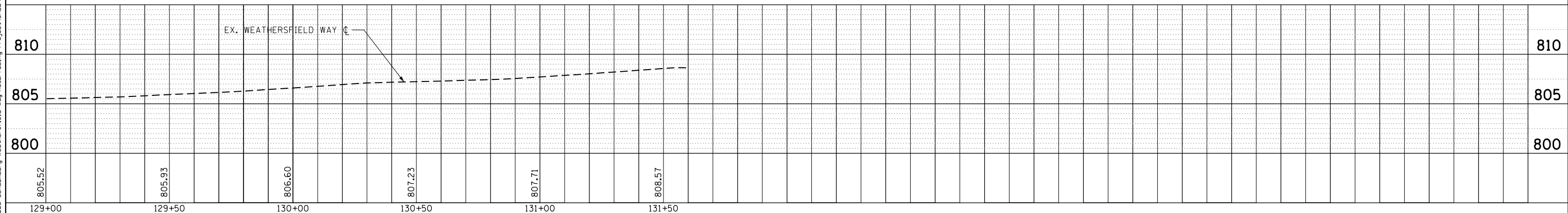
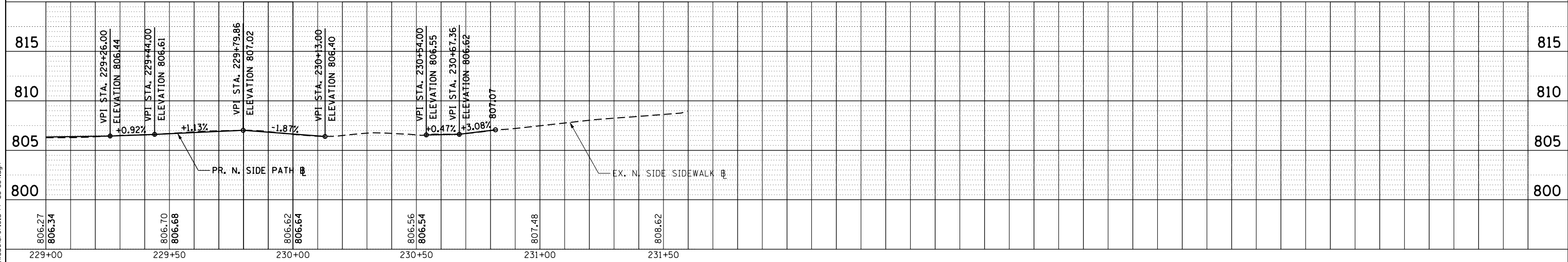
SCALE: 1 : 20 SHEET 5 OF 6 SHEETS STA. 124+00 TO STA. 129+00

MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 17
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



LEGEND

	PR. HMA BINDER CRS, IL-19.0 N50, 3" (TYP)		PR. P.C.C. DRIVEWAY, 5"
	PR. HMA SURFACE CRS, IL-9.5, MIX "D", N50, 1.5" (TYP)		PR. CURB AND GUTTER
	PR. P.C.C. SIDEWALK, 5"		



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762 shoreline drive
suite 200
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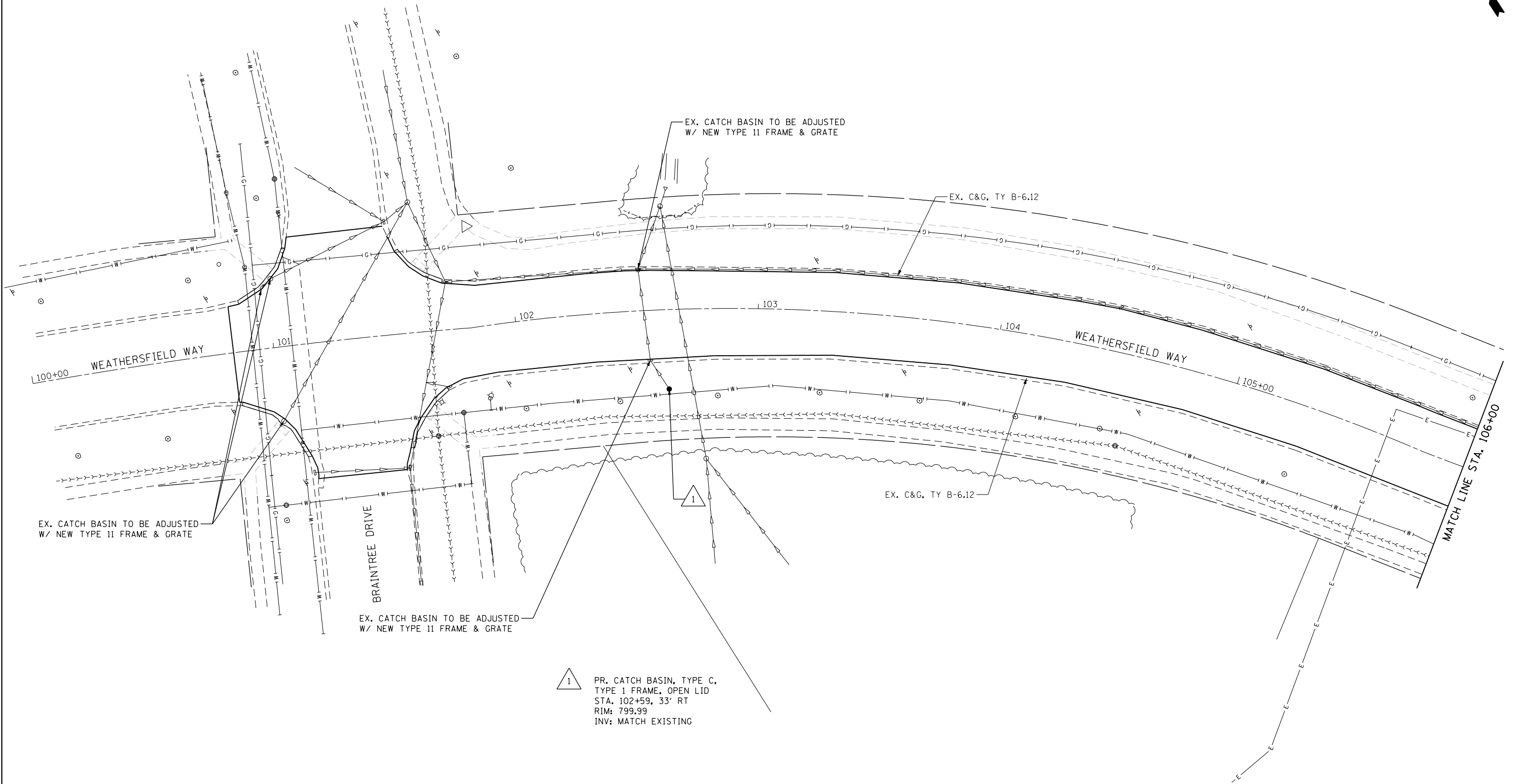
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	DATE - 04/30/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE
SCALE: 1 : 20 SHEET 6 OF 6 SHEETS STA. 129+00 TO STA. 130+89

MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 18
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

T:\Projects\16-008_Schaumburg_Weathersfield_May_Repurposing_Project\CADD\Sheets\G_Weathersfield_PP_06-SSA.dgn



NOTES:

1. CONTRACTOR SHALL USE CAUTION TO AVOID DAMAGING THE UNDERDRAIN SYSTEM. THE LOCATIONS SHOWN ARE APPROXIMATE BASED ON BEST AVAILABLE INFORMATION. UNDERDRAINS SHALL BE RECONNECTED TO THE SEWER SYSTEM WHERE NECESSARY.



HORIZONTAL SCALE IN FEET

T:\Projects\16-008_Schaumburg_Weathersfield_Way_Resurfacing_Project\CADD\Sheets\H_Weathersfield_Drainage 01-SS4.dgn

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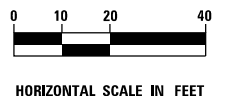
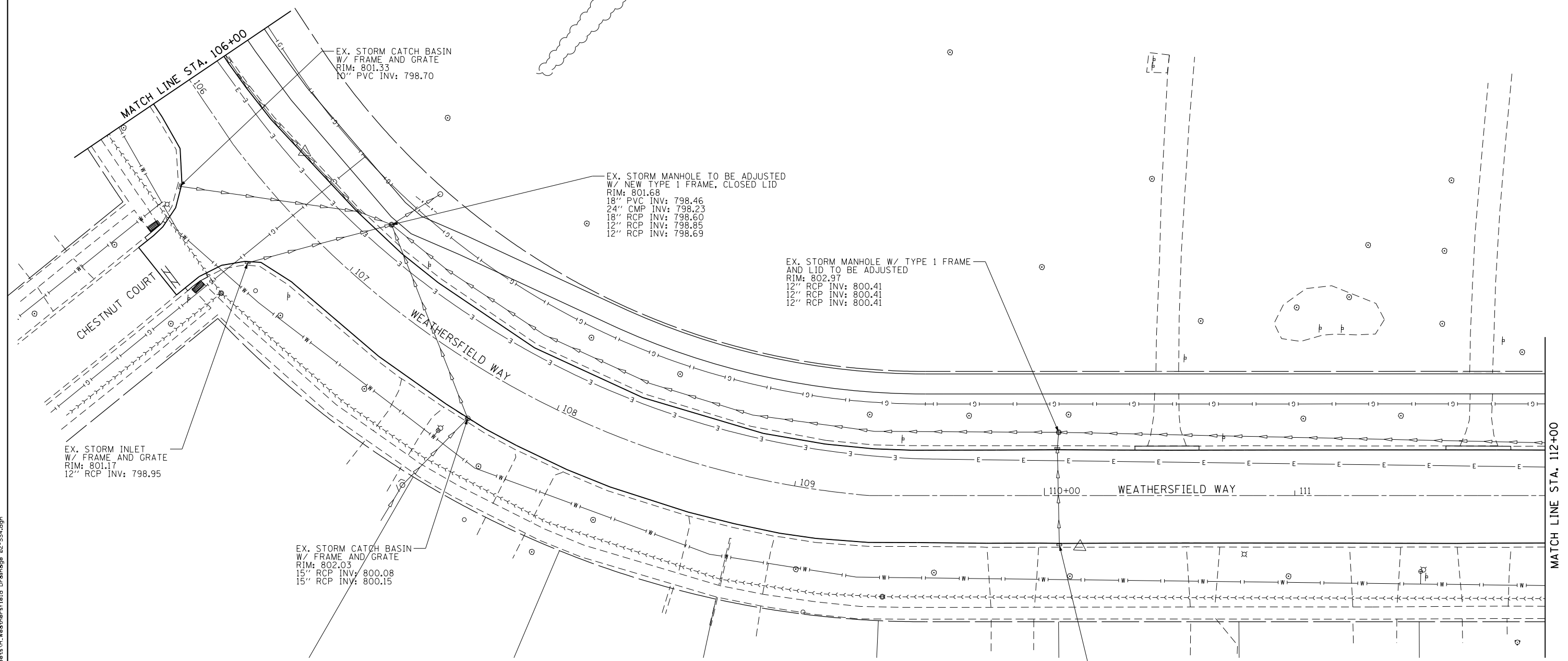
thomas engineering group, llc
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700

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	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLANS			
SCALE: 1 : 20	SHEET 1	OF 4 SHEETS	STA. 100+83 TO STA. 106+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	19
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



T:\Projects\16-008_Schaumburg_Weathersfield_Way_Resurfacing\Project\CADD\Sheets\H_Weathersfield_Drainage 02-554.dgn

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 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

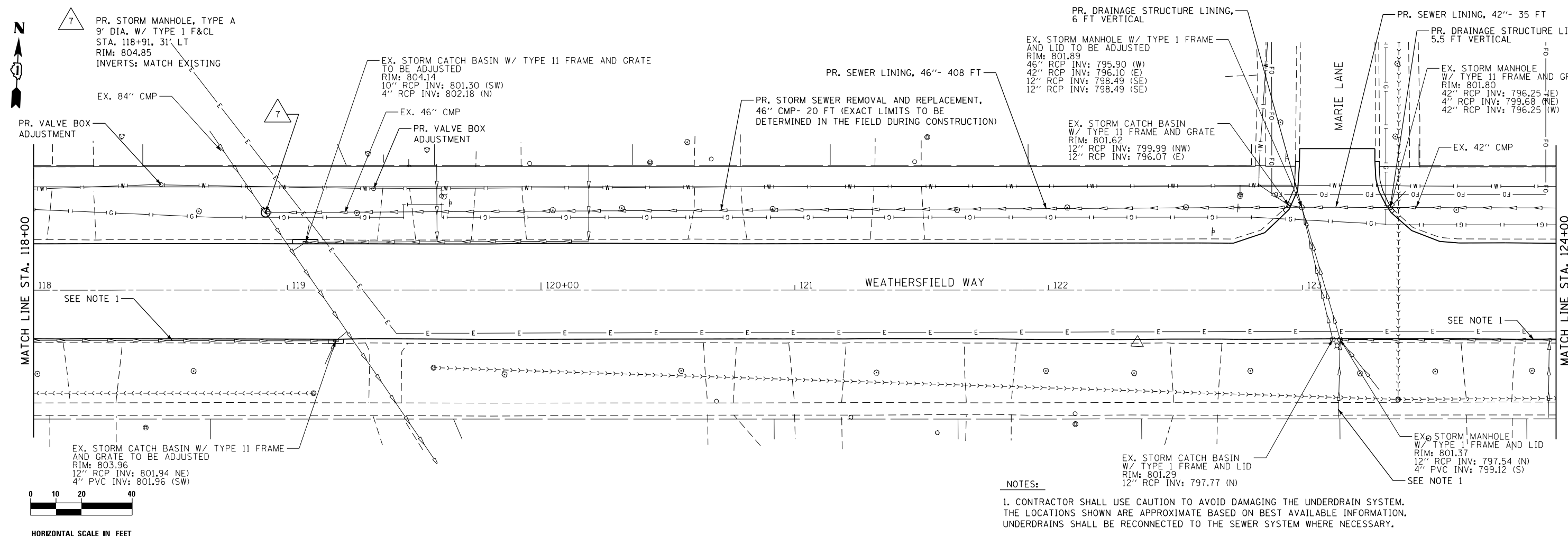
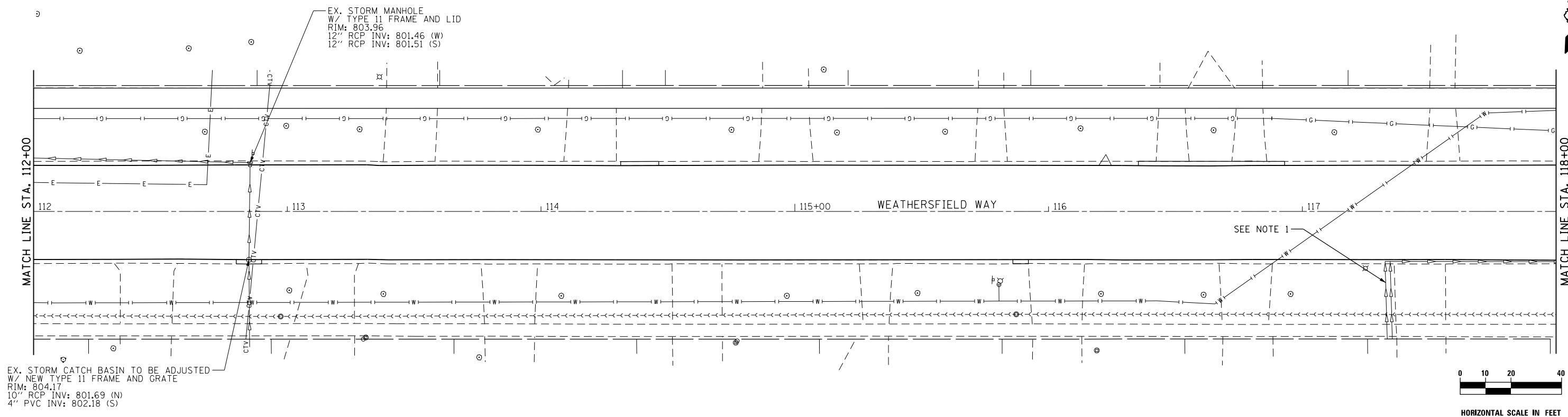
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	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLANS

SCALE: 1 : 20 SHEET 2 OF 4 SHEETS STA. 106+00 TO STA. 112+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	20
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



NOTES:
 1. CONTRACTOR SHALL USE CAUTION TO AVOID DAMAGING THE UNDERDRAIN SYSTEM. THE LOCATIONS SHOWN ARE APPROXIMATE BASED ON BEST AVAILABLE INFORMATION. UNDERDRAINS SHALL BE RECONNECTED TO THE SEWER SYSTEM WHERE NECESSARY.

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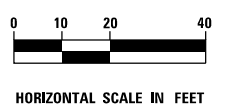
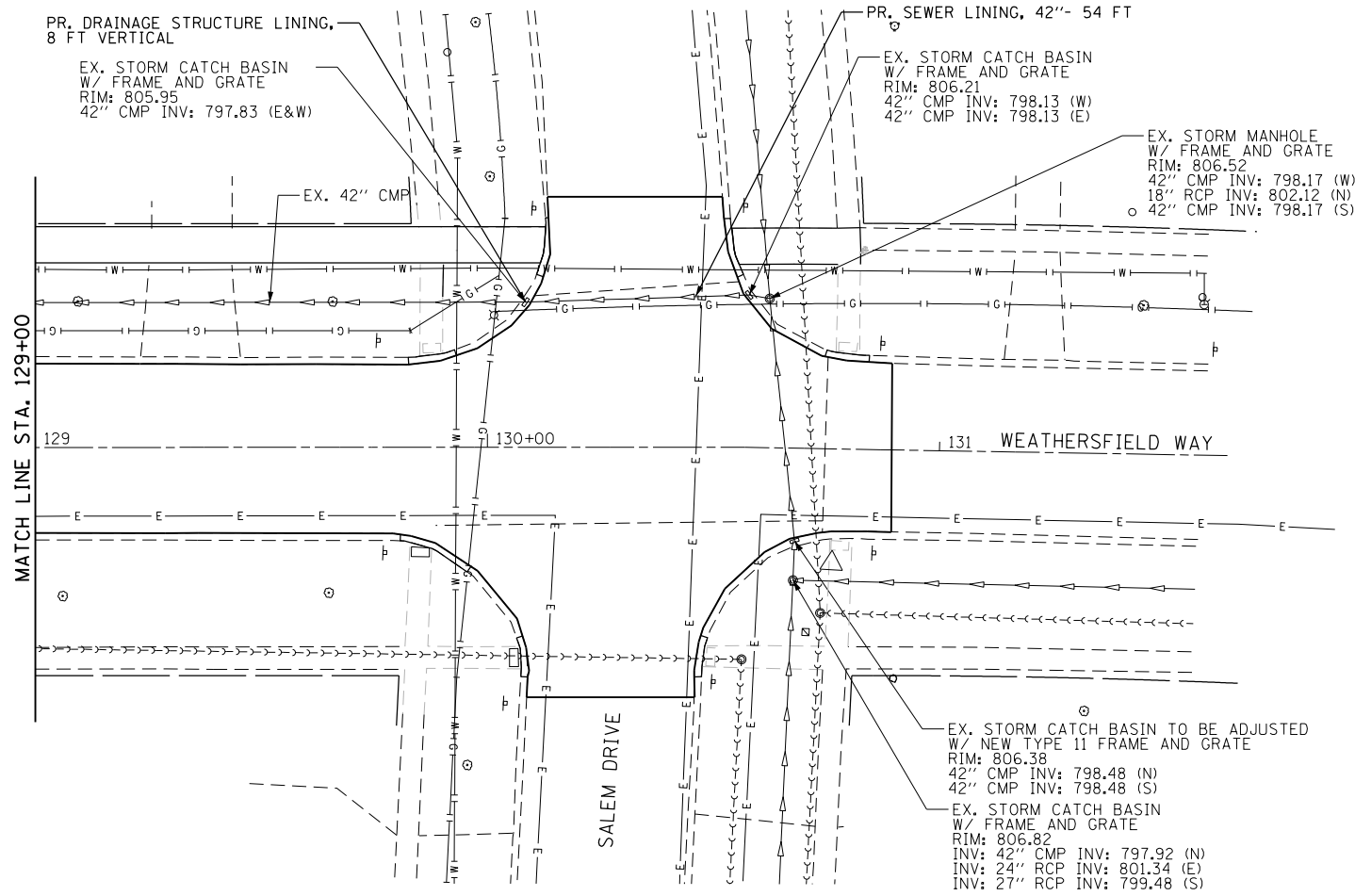
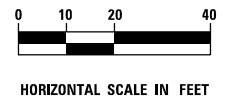
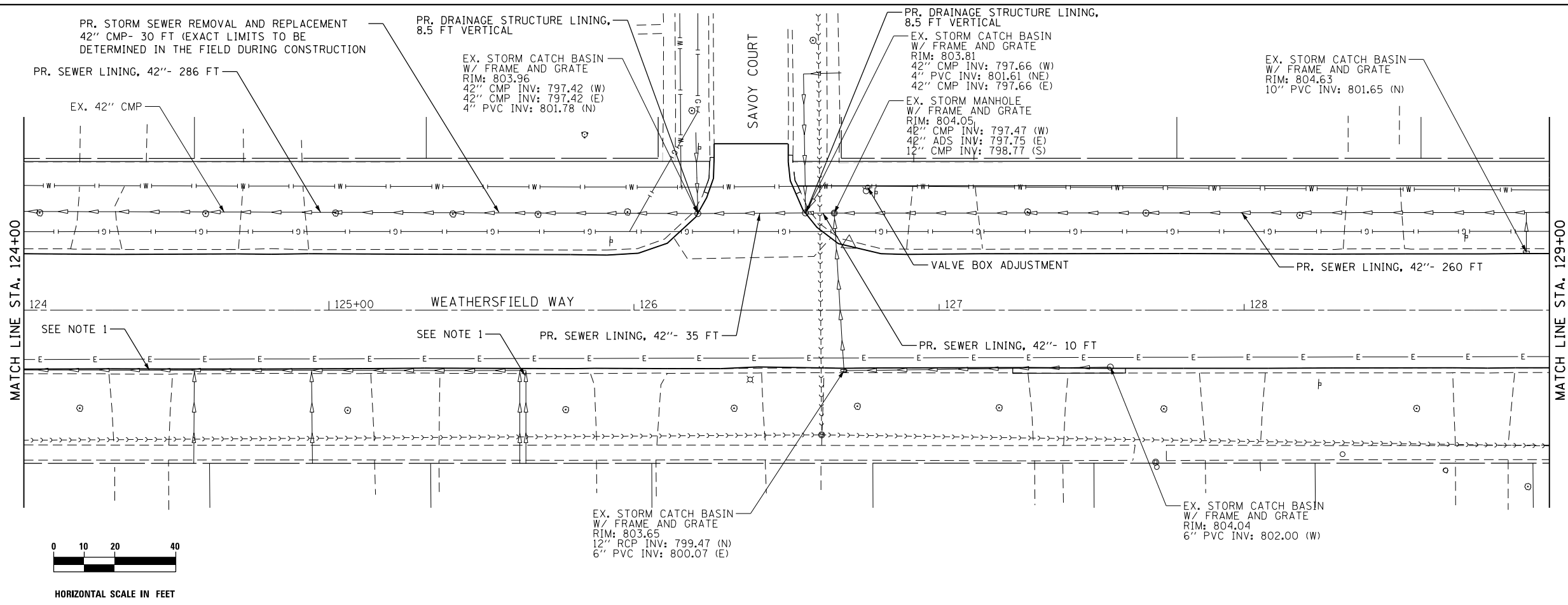
thomas engineering group, llc
 762 shoreline drive
 suite 200
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PLOT DATE = 5/3/2021	CHECKED - JMY	REVISED -
	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLAN			
SCALE: 1 : 20	SHEET 3	OF 4 SHEETS	STA. 112+00 TO STA. 124+00

MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 21
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



NOTES:
 1. CONTRACTOR SHALL USE CAUTION TO AVOID DAMAGING THE UNDERDRAIN SYSTEM. THE LOCATIONS SHOWN ARE APPROXIMATE BASED ON BEST AVAILABLE INFORMATION. UNDERDRAINS SHALL BE RECONNECTED TO THE SEWER SYSTEM WHERE NECESSARY.

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 suite 200
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USER NAME = maciej	DESIGNED - JMY / MJK	REVISED -
DRAWN - MJK	CHECKED - JMY	REVISED -
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PLOT DATE = 5/3/2021		

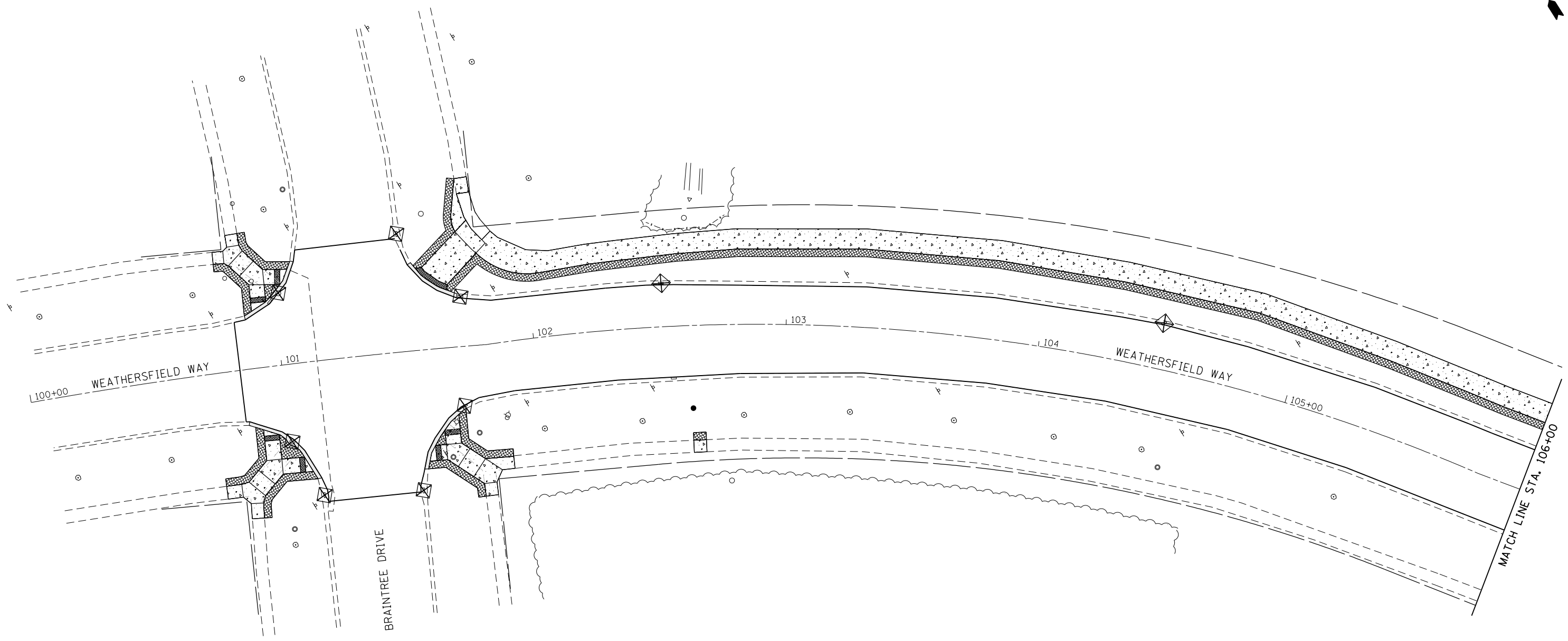
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DRAINAGE AND UTILITY PLANS

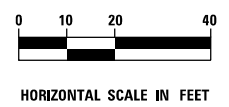
SCALE: 1 : 20 SHEET 4 OF 4 SHEETS STA. 124+00 TO STA. 130+89

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	22
CONTRACT NO. 61H07				

ILLINOIS FED. AID PROJECT



LEGEND	
	TEMP. EROSION CONTROL SEEDING
	INLET FILTER



T:\Projects\16-008_Schaumburg_Weathersfield_Way_Resurfacing_Project\CADD\Sheets\1_Weathersfield_Erosion_01-SS4.dgn

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762 shoreline drive
suite 200
aurora, illinois 60504
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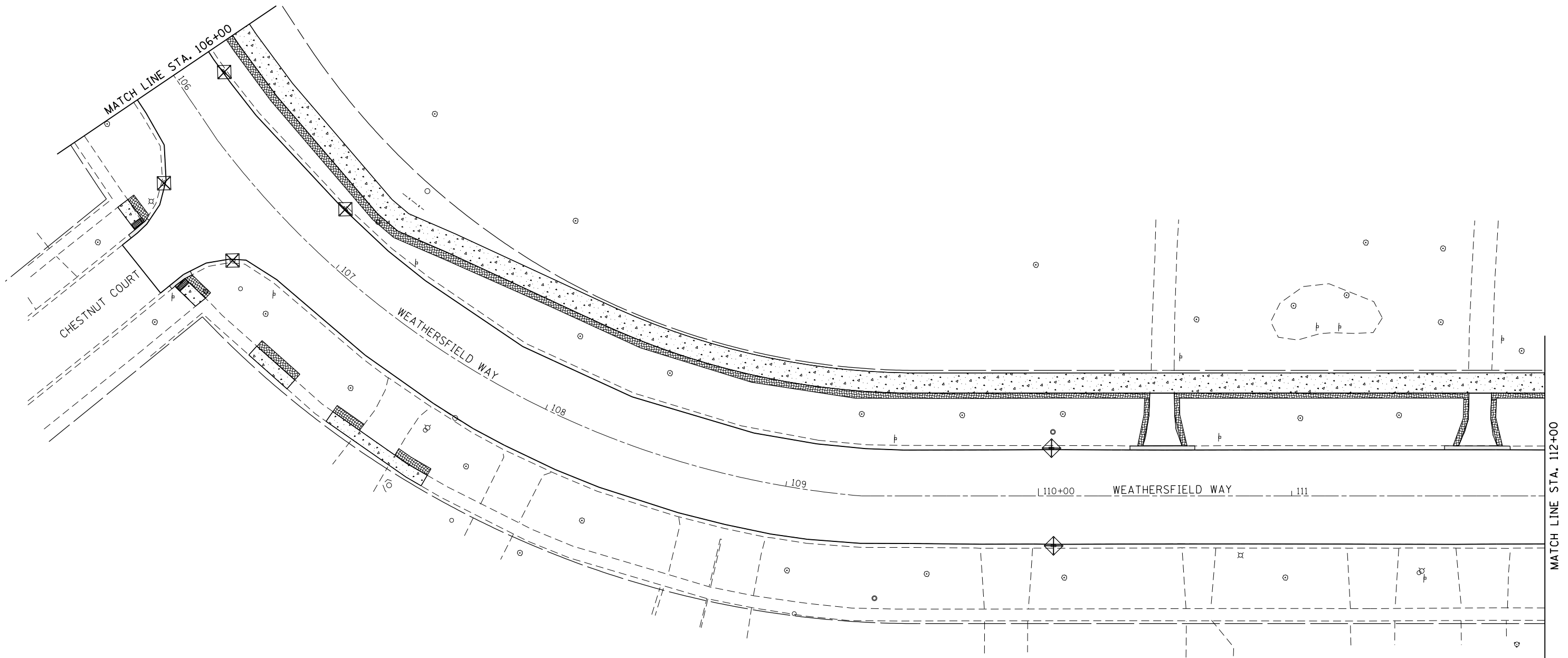
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

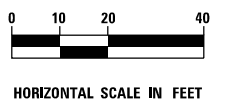
EROSION CONTROL PLANS

SCALE: 1 : 20 SHEET 1 OF 4 SHEETS STA. 100+83 TO STA. 106+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	23
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



LEGEND	
	TEMP. EROSION CONTROL SEEDING
	INLET FILTER



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suite 200
aurora, illinois 60504
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USER NAME = maciej.k	DESIGNED - JMY / MJK	REVISED -
	DRAWN - MJK	REVISED -
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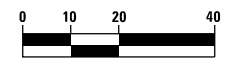
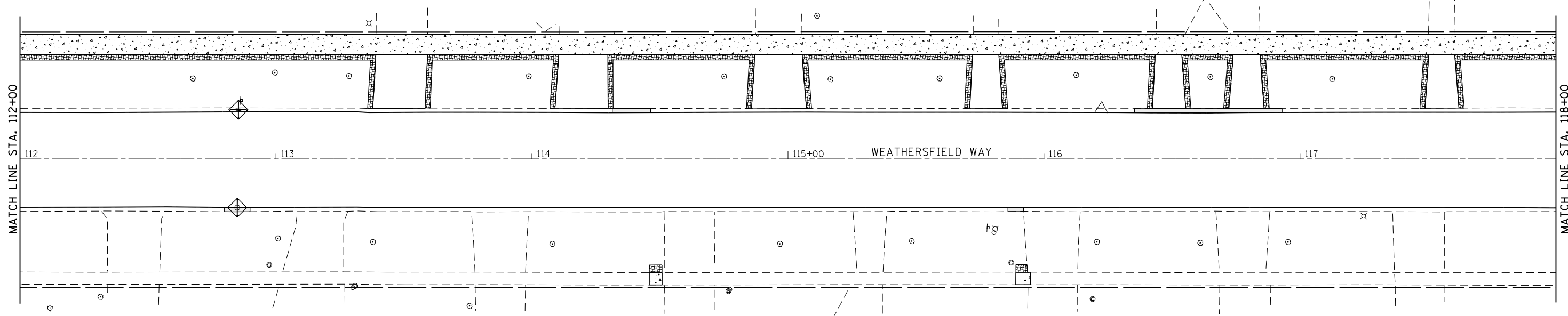
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLANS



SCALE: 1 : 20 SHEET 2 OF 4 SHEETS STA. 106+00 TO STA. 112+00

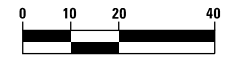
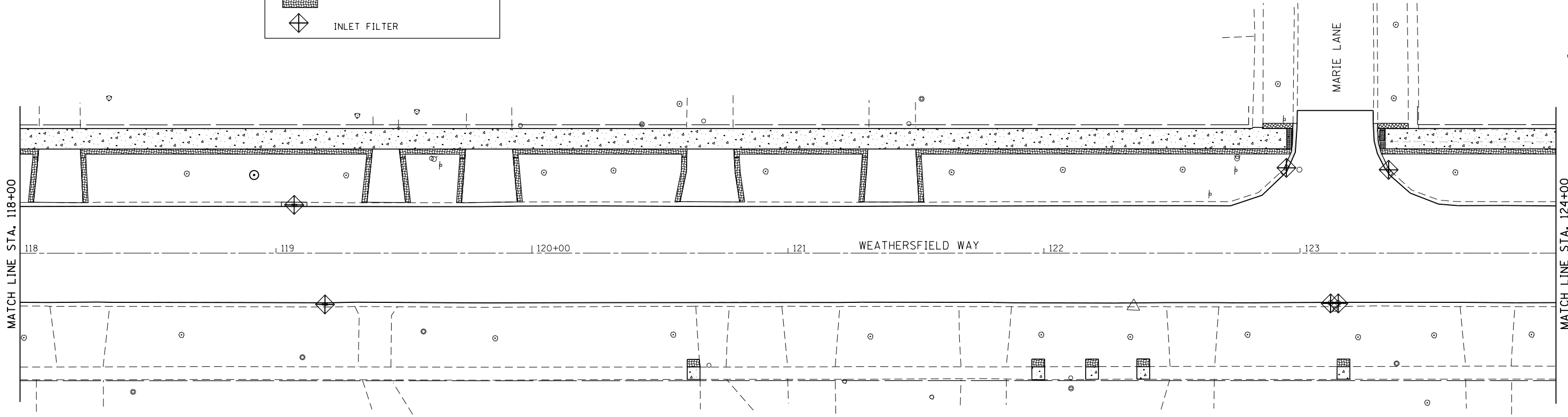
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0001A	17-00129-00 PV	COOK	66	24
CONTRACT NO. 61H07				

ILLINOIS FED. AID PROJECT



HORIZONTAL SCALE IN FEET

LEGEND	
	TEMP. EROSION CONTROL SEEDING
	INLET FILTER



HORIZONTAL SCALE IN FEET

T:\Projects\16-008_Schaumburg_Weathersfield_Way_Resurfacing\Project\CADD\Sheets\1_Weathersfield_Erosion_03-SS4.dgn

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thomas engineering group, llc
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700

USER NAME = maciej	DESIGNED - JMY / MJK	REVISED -
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PLOT DATE = 5/3/2021	CHECKED - JMY	REVISED -
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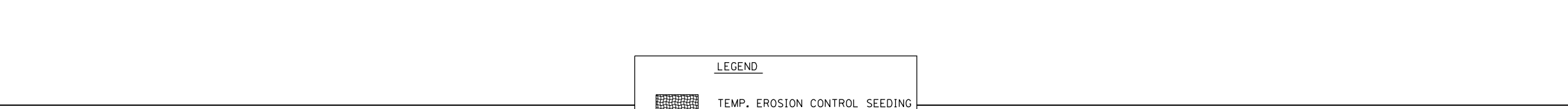
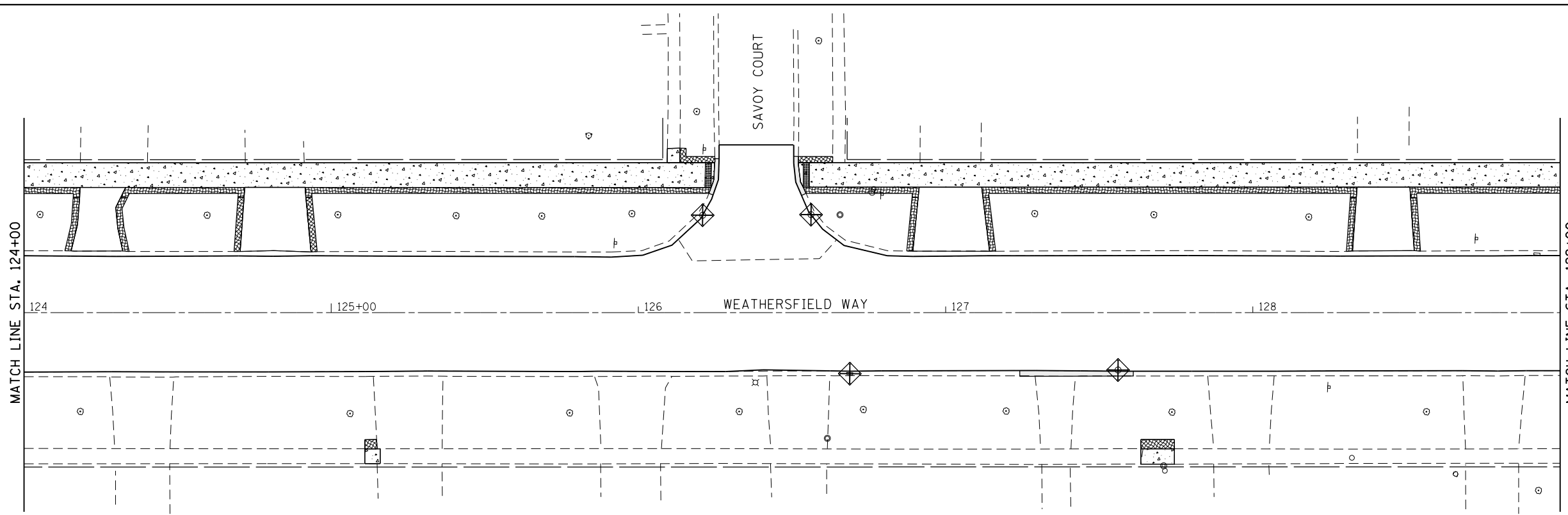
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLANS

SCALE: 1 : 20 SHEET 3 OF 4 SHEETS STA. 112+00 TO STA. 124+00

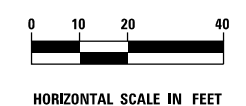
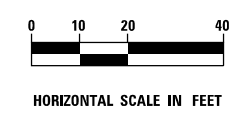
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0001A	17-00129-00 PV	COOK	66	25
CONTRACT NO. 61H07				

ILLINOIS FED. AID PROJECT



LEGEND

	TEMP. EROSION CONTROL SEEDING
	INLET FILTER



T:\Projects\16-008_Schaumburg_Weathersfield_Way_Resurfacing_Project\CADD\Sheets\1_Weathersfield Erosion_04-SS4.dgn

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suite 200
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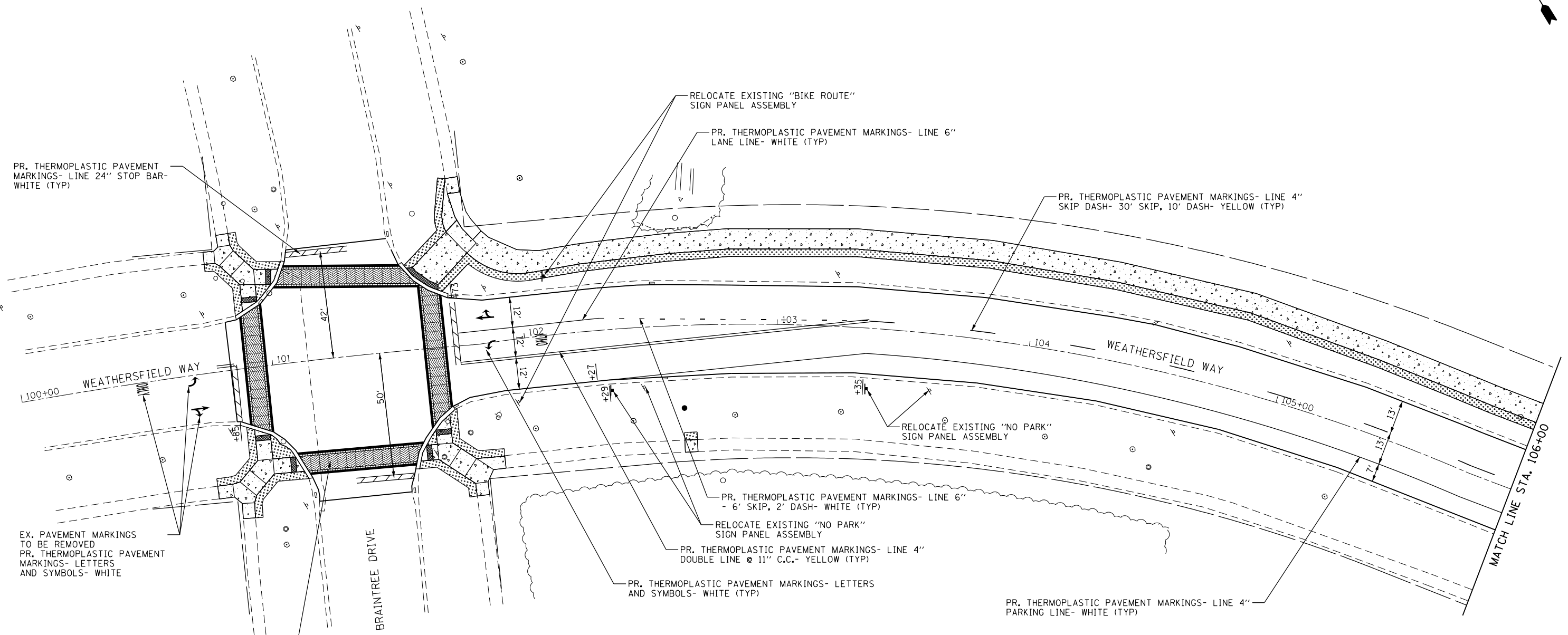
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	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLANS

SCALE: 1 : 20 SHEET 4 OF 4 SHEETS STA. 124+00 TO STA. 130+89

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	26
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



PR. THERMOPLASTIC PAVEMENT MARKINGS- LINE 24" STOP BAR- WHITE (TYP)

RELOCATE EXISTING "BIKE ROUTE" SIGN PANEL ASSEMBLY

PR. THERMOPLASTIC PAVEMENT MARKINGS- LINE 6" LANE LINE- WHITE (TYP)

PR. THERMOPLASTIC PAVEMENT MARKINGS- LINE 4" SKIP DASH- 30' SKIP, 10' DASH- YELLOW (TYP)

WEATHERSFIELD WAY

WEATHERSFIELD WAY

BRAINTREE DRIVE

MATCH LINE STA. 106+00

EX. PAVEMENT MARKINGS TO BE REMOVED PR. THERMOPLASTIC PAVEMENT MARKINGS- LETTERS AND SYMBOLS- WHITE

RELOCATE EXISTING "NO PARK" SIGN PANEL ASSEMBLY

PR. THERMOPLASTIC PAVEMENT MARKINGS- LINE 6" - 6' SKIP, 2' DASH- WHITE (TYP)

RELOCATE EXISTING "NO PARK" SIGN PANEL ASSEMBLY


PR. THERMOPLASTIC PAVEMENT MARKINGS- LINE 4" DOUBLE LINE @ 11" C.C.- YELLOW (TYP)

PR. THERMOPLASTIC PAVEMENT MARKINGS- LETTERS AND SYMBOLS- WHITE (TYP)

PR. THERMOPLASTIC PAVEMENT MARKINGS- LINE 4" PARKING LINE- WHITE (TYP)

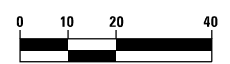
PAVEMENT MARKING (SPECIAL) (TYP.)

LEGEND

 SODDING, SALT TOLERANT

NOTES

- FOR SIGN DETAILS, SEE SHEET 30
- ALL SIGNS ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED



HORIZONTAL SCALE IN FEET

T:\Projects\16-008_Schaumburg_Weathersfield_Way_Resurfacing_Project\CADD\Sheets\17-Weathersfield_PV_Land_01-SS4.dgn

thomas engineering group
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

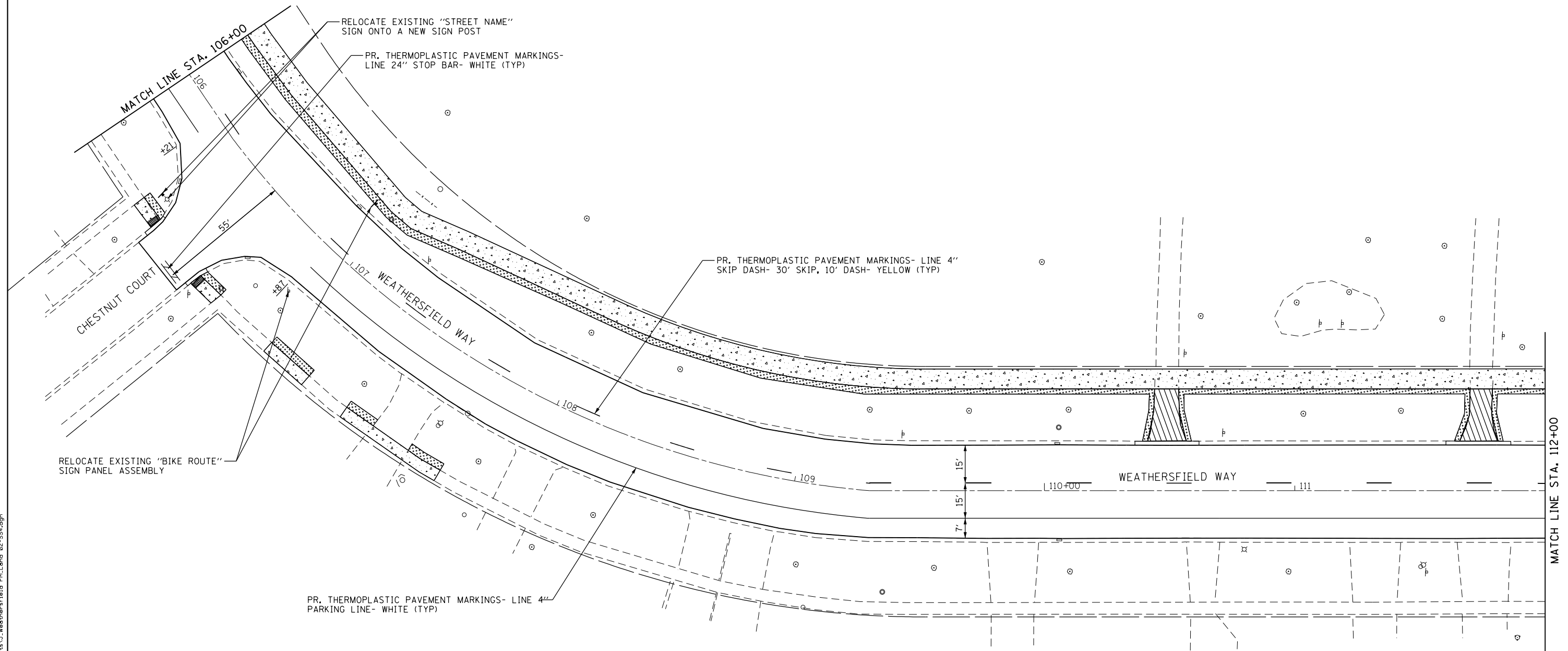
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	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING AND
 LANDSCAPING PLANS**

SCALE: 1 : 20 SHEET 1 OF 4 SHEETS STA. 100+83 TO STA. 106+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	27
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	



RELOCATE EXISTING "BIKE ROUTE"
SIGN PANEL ASSEMBLY

RELOCATE EXISTING "STREET NAME"
SIGN ONTO A NEW SIGN POST

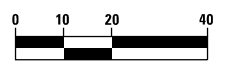
PR. THERMOPLASTIC PAVEMENT MARKINGS-
LINE 24" STOP BAR- WHITE (TYP)

PR. THERMOPLASTIC PAVEMENT MARKINGS- LINE 4"
SKIP DASH- 30' SKIP, 10' DASH- YELLOW (TYP)

PR. THERMOPLASTIC PAVEMENT MARKINGS- LINE 4"
PARKING LINE- WHITE (TYP)

LEGEND

	SODDING, SALT TOLERANT
--	------------------------



HORIZONTAL SCALE IN FEET

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thomas engineering group, llc
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suite 200
aurora, illinois 60504
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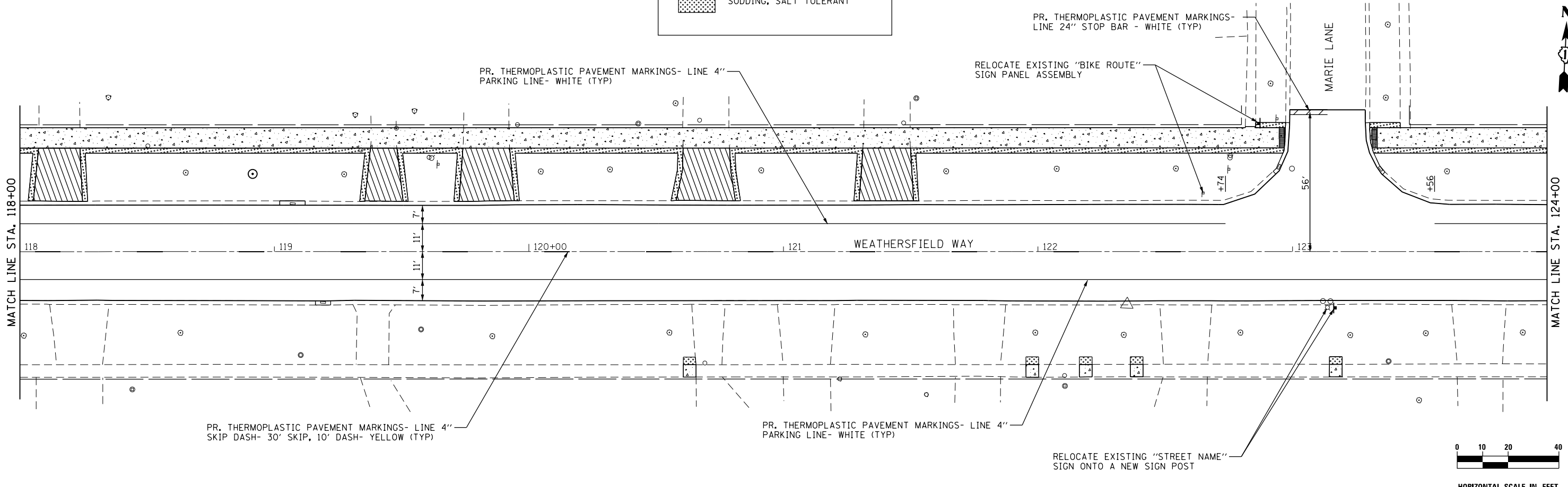
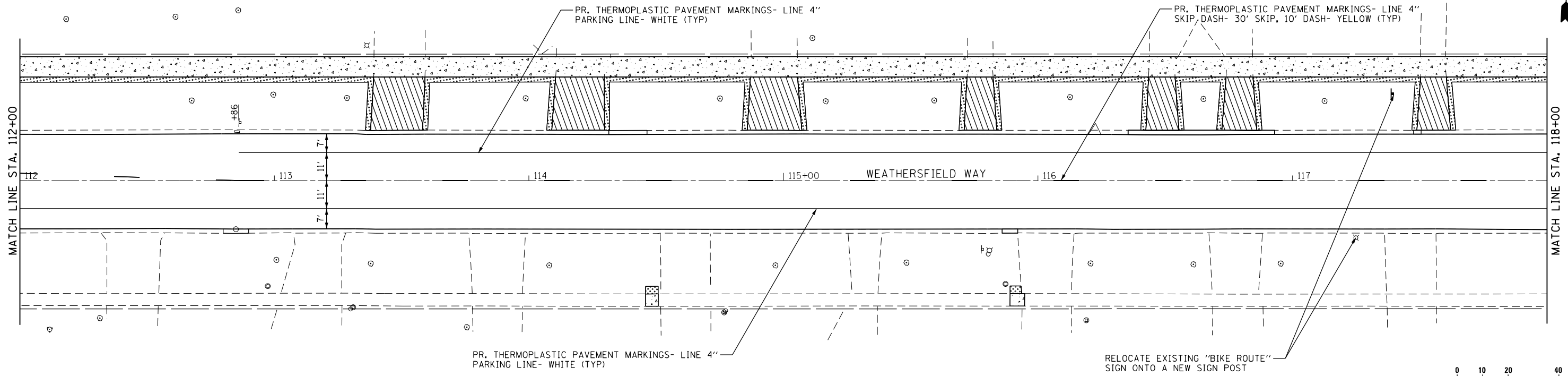
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PLOT DATE = 5/3/2021	CHECKED - JMY	REVISED -
	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING AND
LANDSCAPING PLANS**

SCALE: 1 : 20 SHEET 2 OF 4 SHEETS STA. 106+00 TO STA. 112+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	28
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



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 762 shoreline drive
 suite 200
 aurora, illinois 60504
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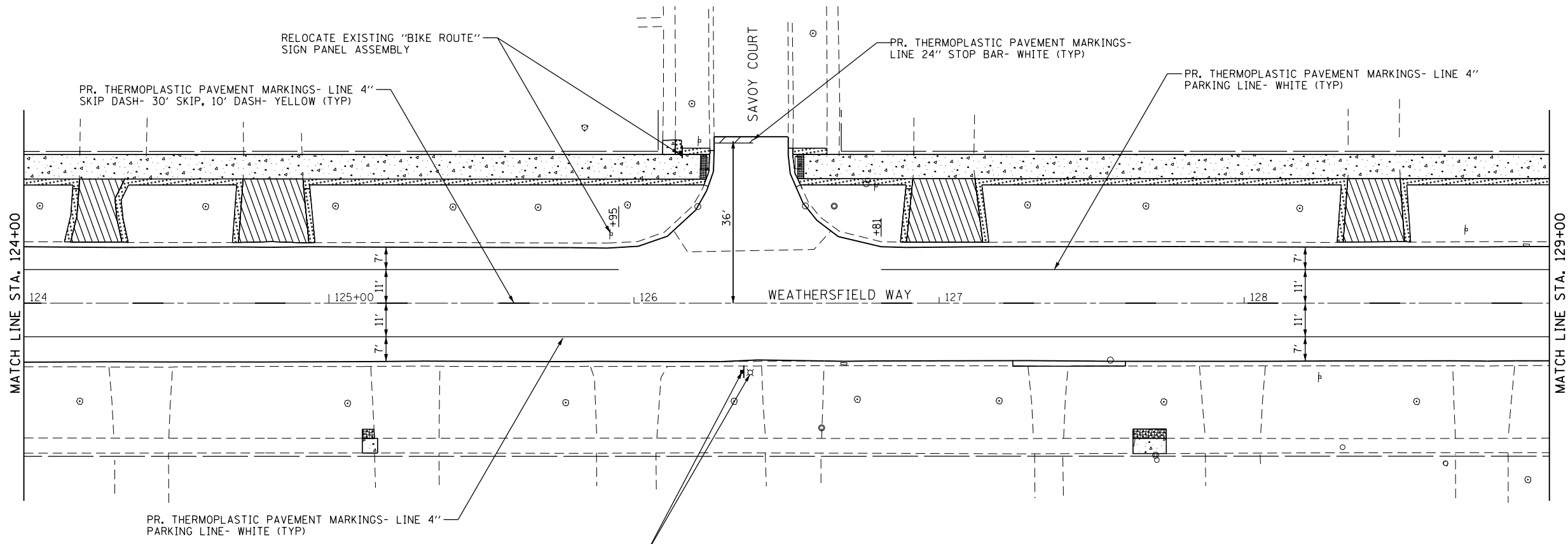
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PLOT DATE = 5/3/2021	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING AND
 LANDSCAPING PLANS**


SCALE: 1 : 20 SHEET 3 OF 4 SHEETS STA. 112+00 TO STA. 124+00

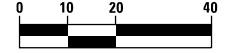
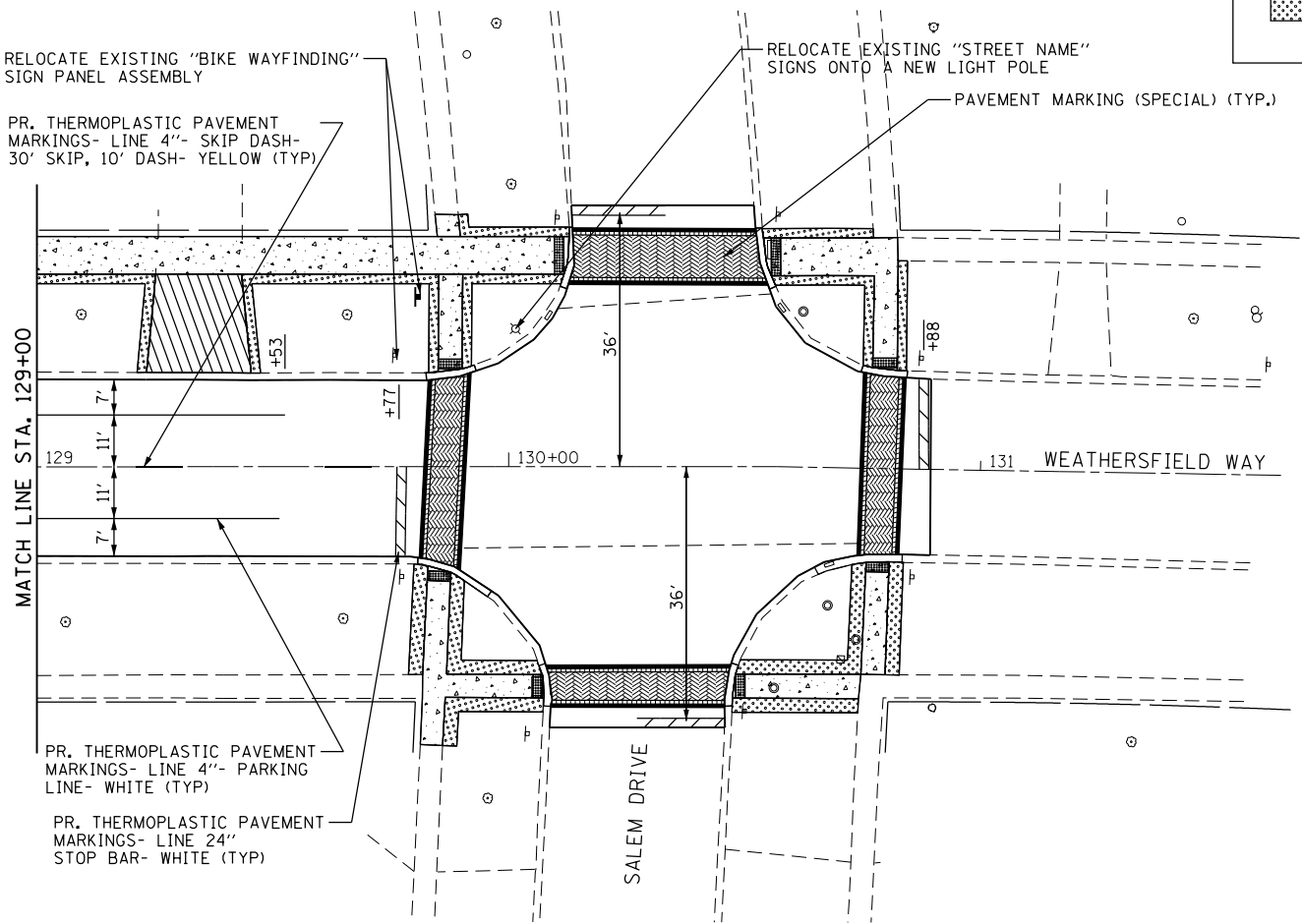
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CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



HORIZONTAL SCALE IN FEET

LEGEND

 SODDING, SALT TOLERANT



HORIZONTAL SCALE IN FEET

T:\Projects\16-008_Schaumburg_Weathersfield_Way_Resurfacing\Project\CADD\Sheets\J_Weathersfield_PM_Land_04-SS4.dgn

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thomas engineering group, llc
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700

USER NAME = maciej	DESIGNED - JMY / MJK	REVISED -
	DRAWN - MJK	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 5/3/2021	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING AND
LANDSCAPING PLANS**

SCALE: 1 : 20 SHEET 4 OF 4 SHEETS STA. 124+00 TO STA. 130+89

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	30
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				









GENERAL NOTES:

1. THIS PROJECT INCLUDES THE INSTALLATION OF A NEW LIGHTING SYSTEM ALONG WEATHERSFIELD WAY FROM BRAINTREE DRIVE TO SALEM DRIVE. THE PROPOSED LIGHTING SHALL BE OWNED AND MAINTAINED BY THE VILLAGE OF SCHAUMBURG.
2. THE QUANTITIES OF RACEWAY WHERE INDICATED ON THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
3. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. (800) 893-0123 TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES. J.U.L.I.E. SHALL MARK AND IDENTIFY THE EXISTING CONDUIT/CABLE RUNS FROM THE ComEd SERVICE LOCATIONS TO THE EXISTING LIGHTING UNITS (SPECIFICALLY AT THE EXISTING LIGHTING UNITS ON SHEET LT-3. PROPOSED SERVICE LOCATION FOR THE CONTROLLER AND A POTENTIAL ALTERNATE SERVICE LOCATION)
4. THE CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND/OVERHEAD UTILITIES PRIOR TO INSTALLATION OF LIGHT POLES AND CONDUITS. IF THERE IS A CONFLICT WITH THE LIGHT POLES/CONDUITS AS SHOWN ON PLANS, THE CONTRACTOR SHALL SUGGEST ALTERNATIVE LOCATIONS AND COORDINATE WITH THE ENGINEER PRIOR TO PERFORMING ANY WORK.
5. LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30". UNDERGROUND CONDUIT SLEEVES SHALL BE BORED.
6. LIGHTING SYSTEM INSTALLATION SHALL CONFORM TO THE LATEST IDOT STANDARDS, NEC AND SCHAUMBURG CODES.
7. ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE UL LISTED AND LABELED.
8. THE CONTRACTOR SHALL TAKE CARE WHEN INSTALLING UNIT DUCT TO AVOID CONFLICTS WITH EXISTING UNDERGROUND UTILITIES AND TREES AND THEIR ROOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE AS DETERMINED BY THE ENGINEER.
9. THE CONTRACTOR SHALL TAKE CARE WHEN INSTALLING LIGHT POLE FOUNDATIONS TO AVOID CONFLICTS WITH UNDERGROUND UTILITIES. WHEN CONFLICTS ARE ENCOUNTERED, THE CONTRACTOR SHALL REQUEST TO RELOCATE THE FOUNDATION. THE NEW LOCATION SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
10. GROUND RODS SHALL BE INSTALLED AT ALL PROPOSED LIGHTING UNITS PER LT-12. THE COST SHALL BE INCLUDED IN ITEM LIGHT POLE FOUNDATION, METAL, 1 1/2" BOLT CIRCLE, 8 5/8" X 6'.
11. THE NEED FOR OFFSET FOUNDATIONS SHALL BE AS DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A DESIGN FOR THE OFFSET FOUNDATION SPECIFIC TO THE OBSTACLE AND TYPE OF SOIL.
12. THE CONTRACTOR SHALL CONTACT THE ELECTRIC UTILITY SERVICE COMPANY TO COORDINATE THE ELECTRIC SERVICE WORK. THE ComEd FIELD CONTACT IS ALLYSEN BEARD AT (630) 691-4356.

BILL OF MATERIALS

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	100
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	825
81603080	UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE) , 1 1/4" POLYETHYLENE	FOOT	3272
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	300
82110003	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION C	EACH	24
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP	EACH	1
83000198	LIGHT POLE, ALUMINUM, 25FT. M.H. 10FT. MAST ARM	EACH	24
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" X 6'	EACH	24
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	24
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	7
84200804	REMOVAL OF POLE FOUNDATION	EACH	7
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	350
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	10
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12

LEGEND

-  PROPOSED LIGHTING UNIT, 25 FT. MH, 10 FT. MAST ARM, 120V (LINE TO NEUTRAL), LED LUMINAIRE WITH BREAKAWAY DEVICE
-  EXISTING LIGHTING UNIT TO BE REMOVED AND SALVAGED
-  UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND (XLP-TYPE USE) 1 1/4" DIA. POLYETHYLENE
-  ComEd ELECTRIC SERVICE TRANSFORMER 120/240V, 1Ø, 3 WIRE, PAD MOUNTED
-  PROPOSED LIGHTING CONTROLLER "JA", 120/240V, 1Ø, 3 WIRE, 100 AMP, PAD MOUNTED
-  UNDERGROUND CONDUIT GALVANIZED STEEL
-  ELECTRIC CABLE IN CONDUIT 2" DIA., 3-1/C NO. 2
-  GROUND ROD 5/8" DIA. X 10 FT

**STATE OF ILLINOIS
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**GENERAL NOTES, LEGEND AND BILL OF MATERIALS
WEATHERSFIELD WAY – SCHAUMBURG**

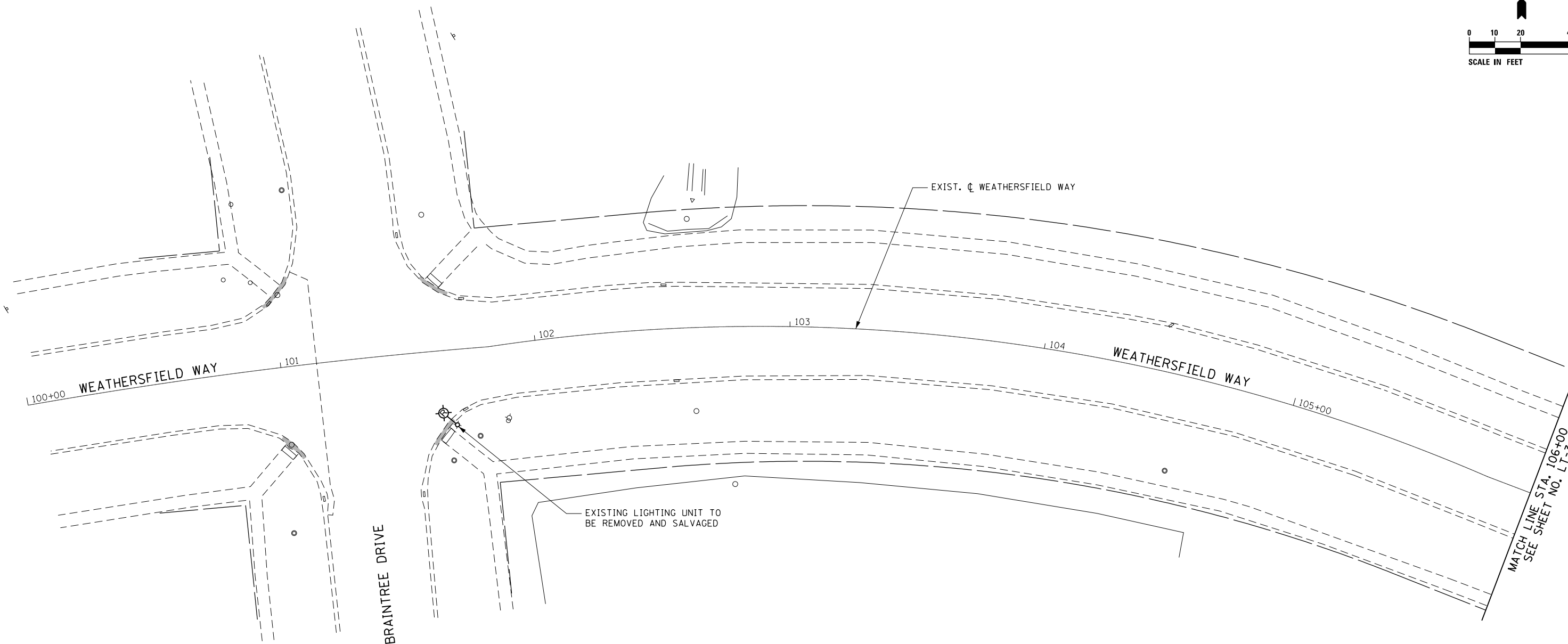
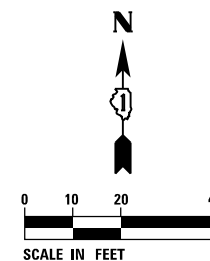
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	31
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

LT-1

AMES Engineering, Inc.
CONSULTING ENGINEERS
6330 Belmont Road, Suite 4B
Downers Grove, IL 60516

USER NAME = Srahman	DESIGNED - MB/MH	REVISED -
	DRAWN - SR	REVISED -
PLOT SCALE = 48.0000' / 1" =	CHECKED - BL	REVISED -
PLOT DATE = 5/3/2021	DATE - 05/03/21	REVISED -



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-1.
2. THE EXISTING STREET LIGHTING ON WEATHERSFIELD WAY AS SHOWN ON PLANS SHALL BE USED AS TEMPORARY LIGHTING DURING CONSTRUCTION. THIS LIGHTING SHALL BE REMOVED WHEN THE PROPOSED LIGHTING IS FULLY INSTALLED AND OPERATIONAL. AT THE START OF CONSTRUCTION, MAINTENANCE OF THE SEVEN (7) EXISTING LIGHTING UNITS WITHIN THE PROJECT LIMITS SHALL BE TRANSFERRED TO THE CONTRACTOR. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE THEM DURING CONSTRUCTION. IF ANY SUCH DAMAGE TAKES PLACE THE CONTRACTOR SHALL BE RESPONSIBLE FOR COST TO REPAIR THE DAMAGE AND RESTORE THE LIGHTING AS DETERMINED BY THE ENGINEER.
3. WHEN THE PROPOSED STREET LIGHTING IS OPERATIONAL AND FULLY ACCEPTED BY THE VILLAGE, THE CONTRACTOR WITH THE APPROVAL OF THE FIELD ENGINEER, SHALL CONTACT COMED TO GET THE UNDERGROUND ELECTRIC FEEDS DE-ENERGIZED AND DISCONNECTED FROM THE EXISTING LIGHTING UNITS. THE CONTRACTOR SHALL COORDINATE WITH COMED AND THE VILLAGE TO VERIFY THE LINES ARE DE-ENERGIZED. ONCE THE FEED IS DISCONNECTED, THE CONTRACTOR SHALL DETERMINE IF THE EXISTING CABLE IS DIRECT BURIED OR IF THE CABLE CAN BE REMOVED FROM THE EXISTING DUCT FOR SALVAGE. IF DIRECT BURIED, THE CABLE SHALL BE CUT BELOW GRADE AND ABANDONED IN PLACE AND PROPER RECORD OF SUCH OPERATION SHALL ALSO BE MAINTAINED.
4. THE CONTRACTOR SHALL CONTACT PUBLIC WORKS DEPARTMENT OF VILLAGE OF SCHAUMBURG JUST BEFORE FINISH OF CONSTRUCTION WORK, TO GET THE INSTRUCTIONS FOR SALVAGING THE ELECTRICAL AND LIGHTING MATERIALS REMOVED SUCH AS WIRE, POLES AND FIXTURES.
5. ELECTRIC CABLES IF SUCCESSFULLY REMOVED FROM UNDERGROUND CONDUITS SHALL BE PACKED IN WOODEN CRATES AND SALVAGED ALONG WITH OTHER MATERIALS.

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PLOT SCALE = 48.0000' / 1" =	DATE - 05/03/21	REVISED -
PLOT DATE = 5/3/2021		

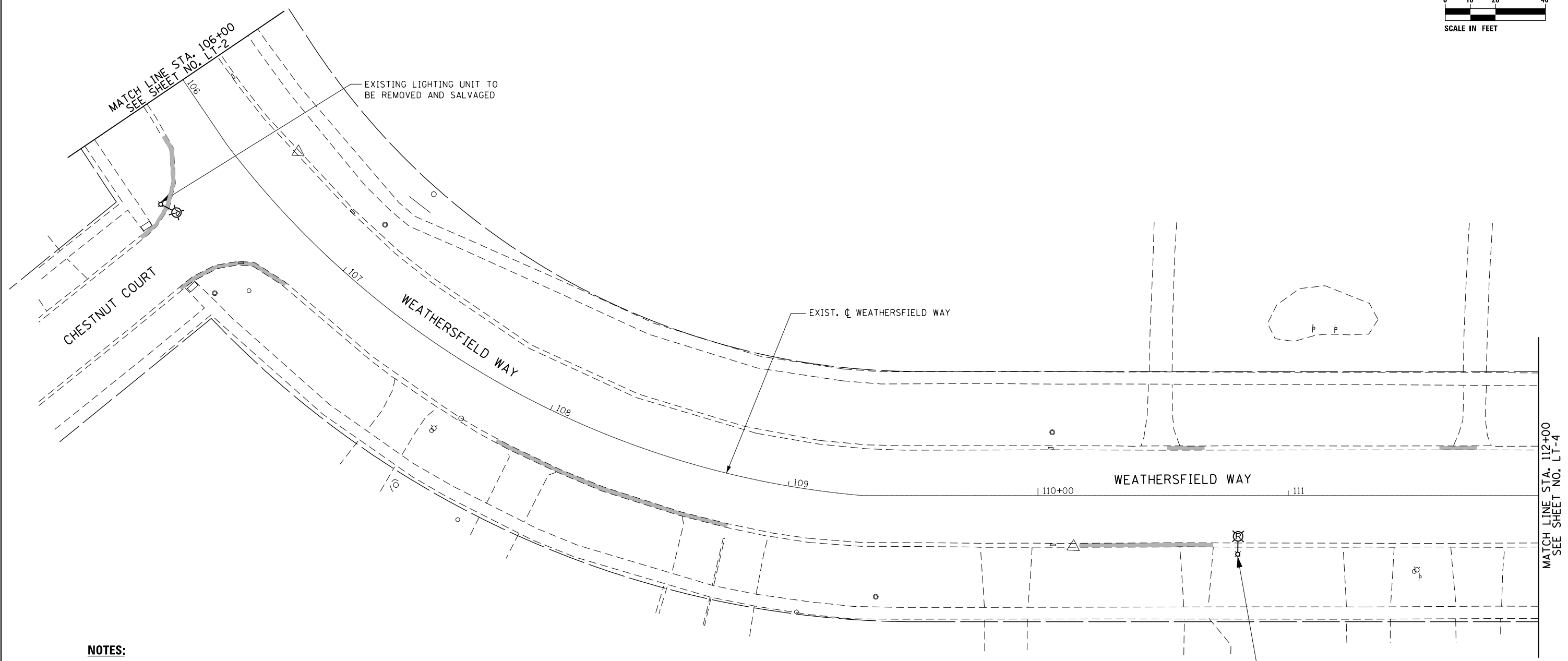
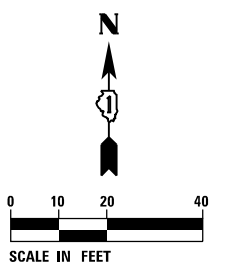
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL AND TEMPORARY LIGHTING PLAN
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 100+00 TO STA. 106+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	32
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

LT-2



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-1.
2. FOR NOTES ON REMOVAL AND TEMPORARY LIGHTING PLAN, SEE SHEET LT-2.
3. THE ELECTRIC SERVICE FEED TO THIS LIGHTING UNIT SHALL BE UPGRADED AND UTILIZED FOR THE PROPOSED LIGHTING CONTROLLER SEE SHEET LT-7.

EXISTING LIGHTING UNIT TO BE REMOVED AND SALVAGED
SEE NOTE 3

MATCH LINE STA. 112+00
SEE SHEET NO. LT-4

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PLOT SCALE = 48.0000' / 1"	CHECKED - BL	REVISED -
PLOT DATE = 5/3/2021	DATE - 05/03/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

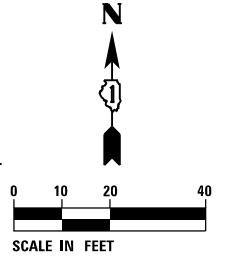
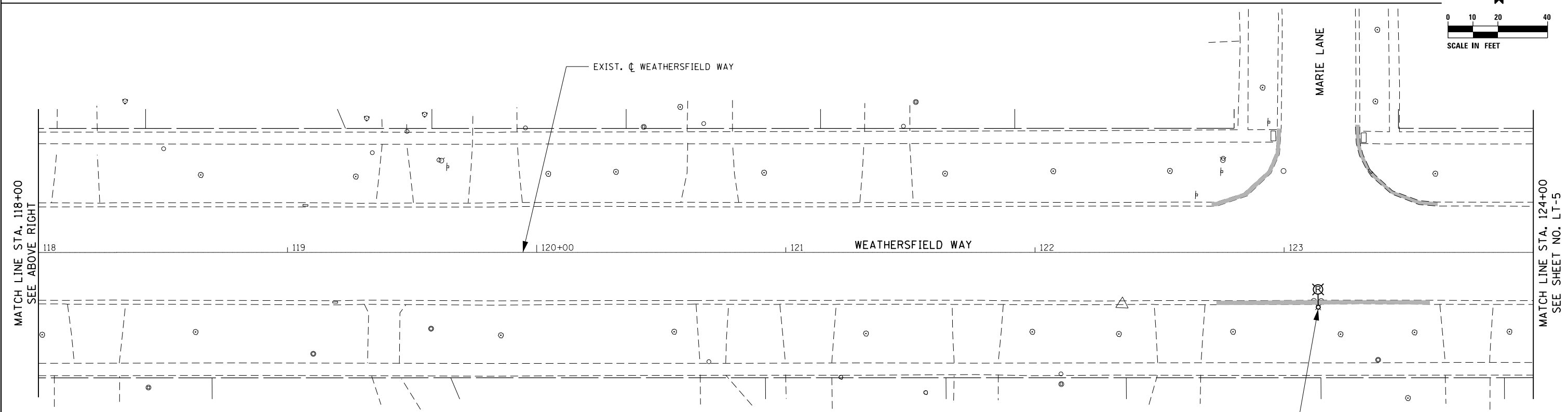
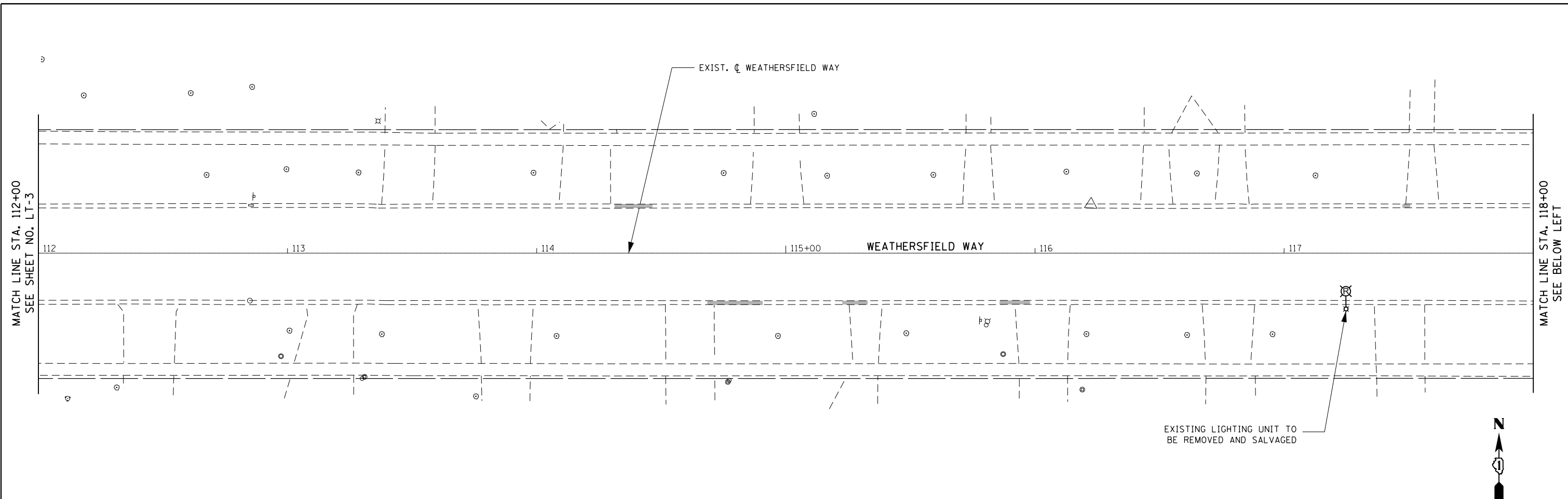
**REMOVAL AND TEMPORARY LIGHTING PLAN
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. 106+00 TO STA. 112+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	33
			CONTRACT NO. 61H07	
ILLINOIS FED. AID PROJECT				

LT-3

F:\Projects\2016-05_Weathersfield Way - Thomas, Design\SHA\26 Weathersfield Light 04.dgn



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-1.
2. FOR NOTES ON REMOVAL AND TEMPORARY LIGHTING PLAN, SEE SHEET LT-2.

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USER NAME = Srahman	DESIGNED - MB/MH	REVISED -
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PLOT DATE = 5/3/2021	DATE - 05/03/21	REVISED -

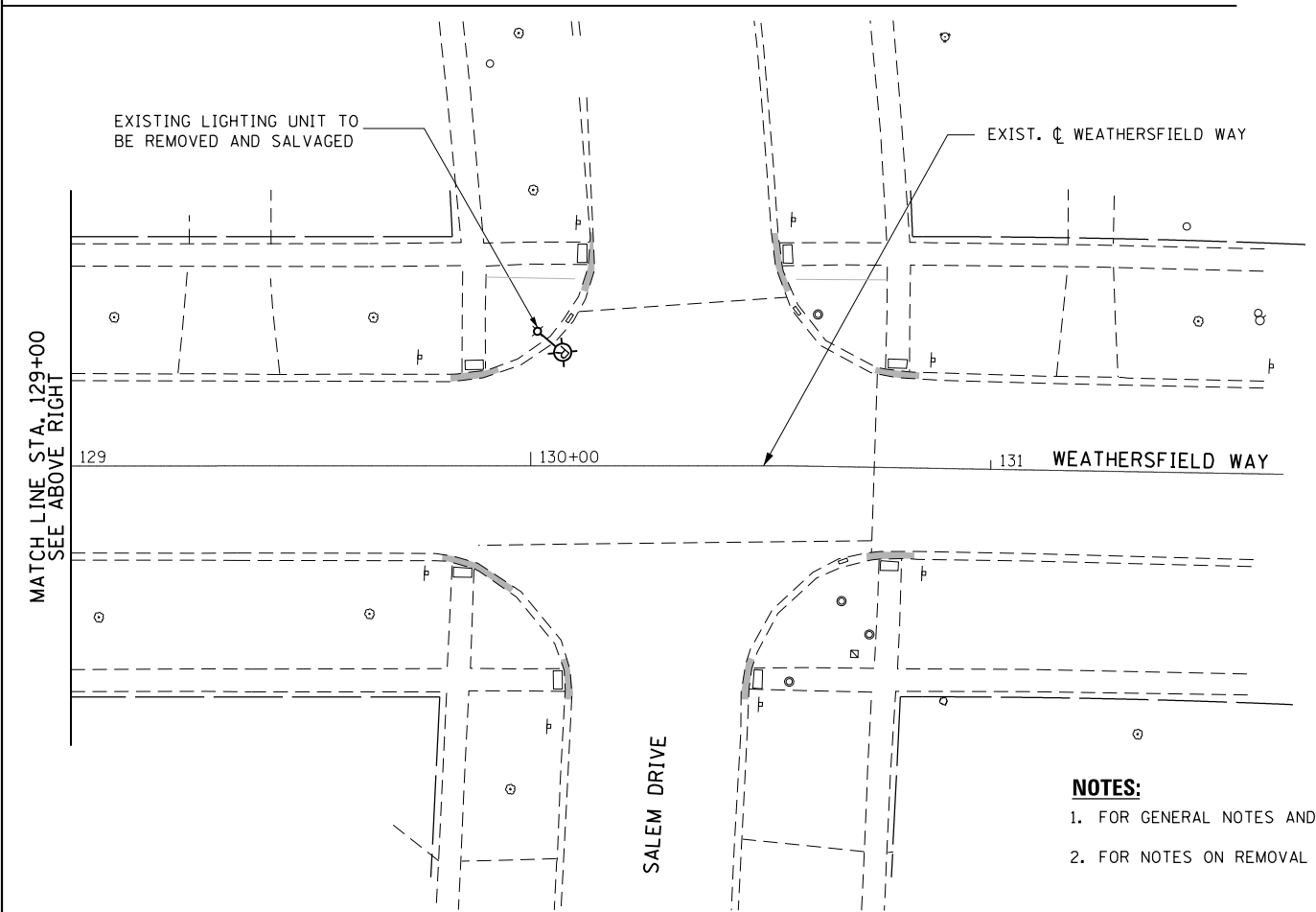
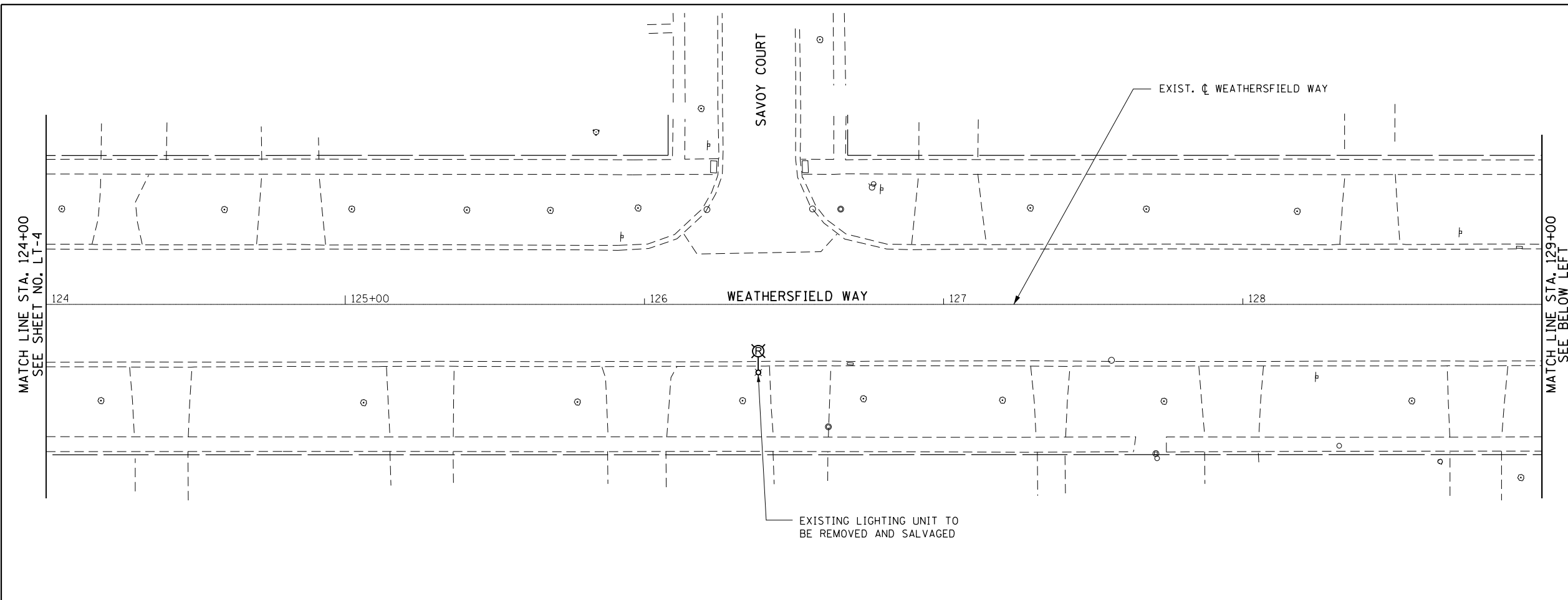
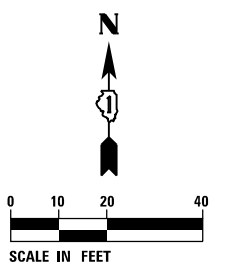
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL AND TEMPORARY LIGHTING PLAN
 WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: 1" = 20' SHEET 3 OF 4 SHEETS STA. 112+00 TO STA. 124+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	34
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

LT-4



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-1.
2. FOR NOTES ON REMOVAL AND TEMPORARY LIGHTING PLAN, SEE SHEET LT-2.

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USER NAME = Srahman	DESIGNED - MB/MH	REVISED -
PLOT SCALE = 48.0000' / 1" =	DRAWN - SR	REVISED -
PLOT DATE = 5/3/2021	CHECKED - BL	REVISED -
	DATE - 05/03/21	REVISED -

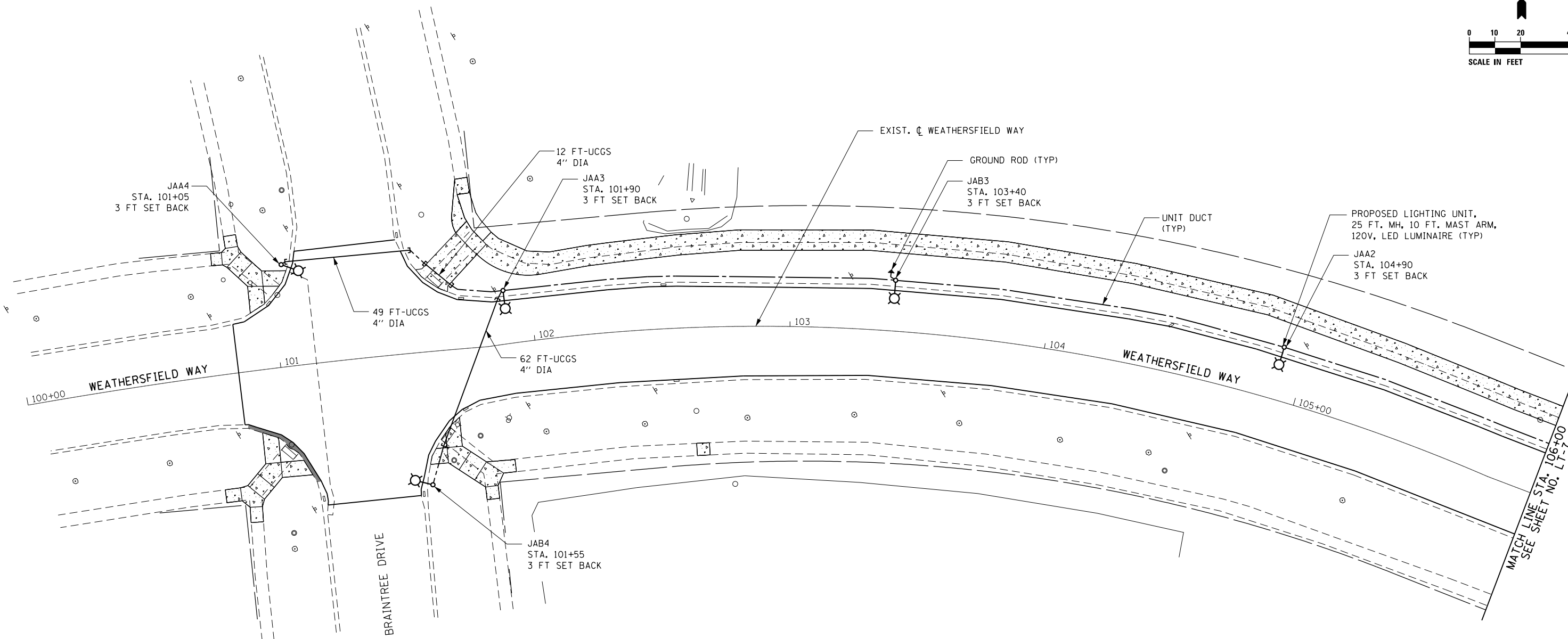
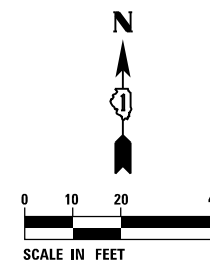
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL AND TEMPORARY LIGHTING PLAN
WEATHERSFIELD WAY - SCHAUMBURG

SCALE: 1" = 20' SHEET 4 OF 4 SHEETS STA. 124+00 TO STA. 131+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	35
			CONTRACT NO. 61H07	
ILLINOIS FED. AID PROJECT				

LT-5



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-1.
2. SET BACK IS FROM THE FACE OF CURB TO THE CENTER OF LIGHT POLE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
4. GROUND ROD SHALL BE INSTALLED AT EACH LIGHT POLE.

F:\Projects\2016-05_Weathersfield Way - Thomas, Design\Sh\28 Weathersfield Light_06.dgn

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Downers Grove, IL 60516

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PLOT SCALE = 48.0000' / 1in.	CHECKED - BL	REVISED -
PLOT DATE = 5/3/2021	DATE - 05/03/21	REVISED -

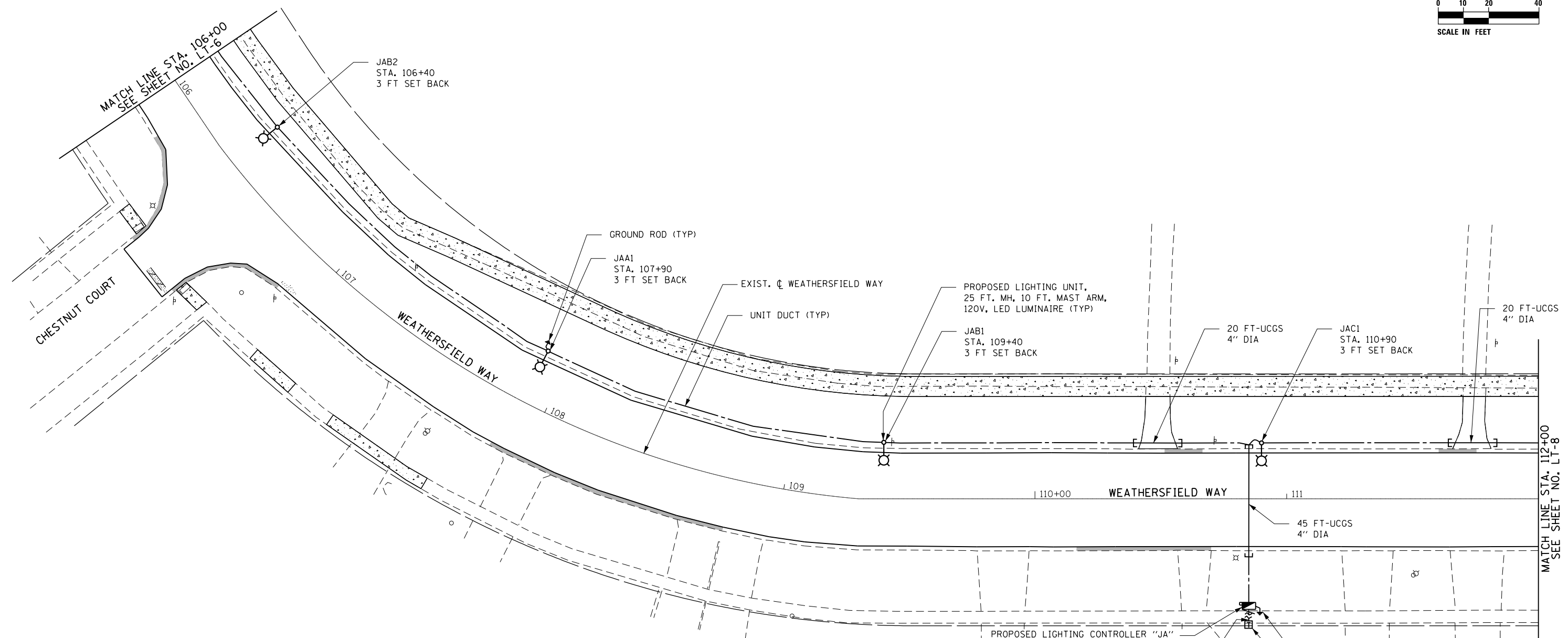
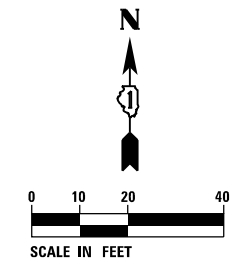
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 100+00 TO STA. 106+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	36
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

LT-6



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-1.
2. SET BACK IS FROM THE FACE OF CURB TO THE CENTER OF LIGHT POLE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
4. GROUND ROD SHALL BE INSTALLED AT EACH LIGHT POLE.
5. THE CONTRACTOR SHALL COORDINATE WITH ComEd REGARDING DISCONNECTION OF THE EXISTING LIGHTING UNIT AND THE INSTALLATION OF NEW CABLE FOR THE CONNECTION OF ELECTRIC SERVICE FOR THE PROPOSED CONTROLLER.
6. THE CONTROLLER SHALL BE INSTALLED SO THAT THE DOOR OPENS TO THE HOUSE SIDE BUT DOES NOT OPEN INTO THE SIDEWALK.

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PLOT SCALE = 48,0000' / 1in.	CHECKED - BL	REVISED -
PLOT DATE = 5/3/2021	DATE - 05/03/21	REVISED -

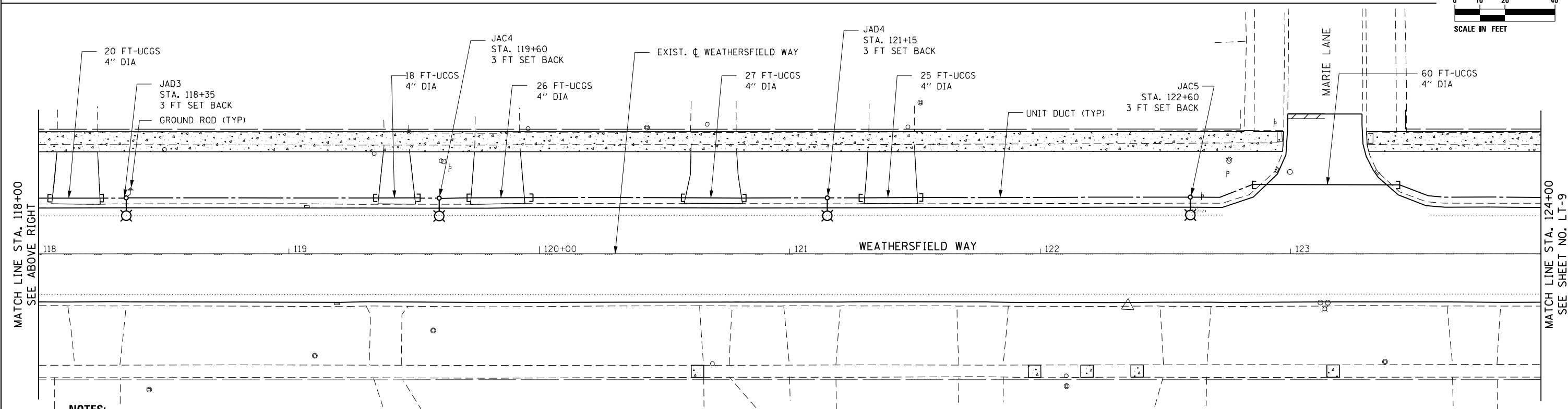
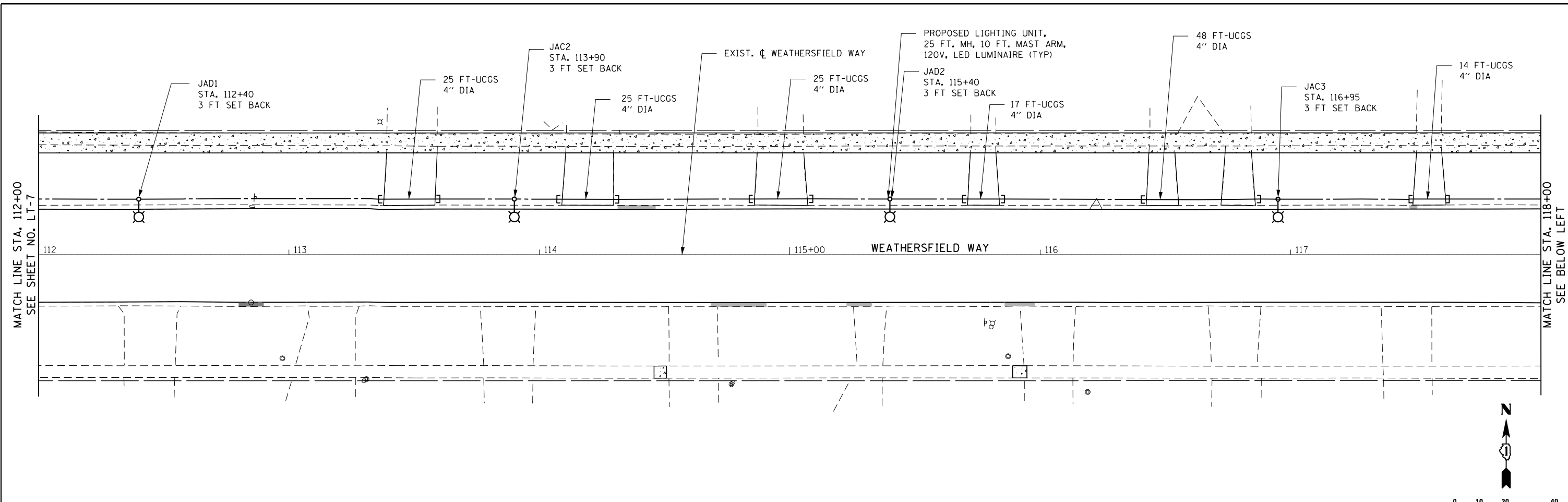
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. 106+00 TO STA. 112+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	37
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

LT-7



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-1.
2. SET BACK IS FROM THE FACE OF CURB TO THE CENTER OF LIGHT POLE.
3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
4. GROUND ROD SHALL BE INSTALLED AT EACH LIGHT POLE.

F:\Projects\2016-05_Weathersfield Way - Thomas, UDesign\SHA\30 Weathersfield Light_08.dgn

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DRAWN - SR	REVISIONS	
PLOT SCALE = 48.0000' / 1"	CHECKED - BL	REVISED -
PLOT DATE = 5/3/2021	DATE - 05/03/21	REVISED -

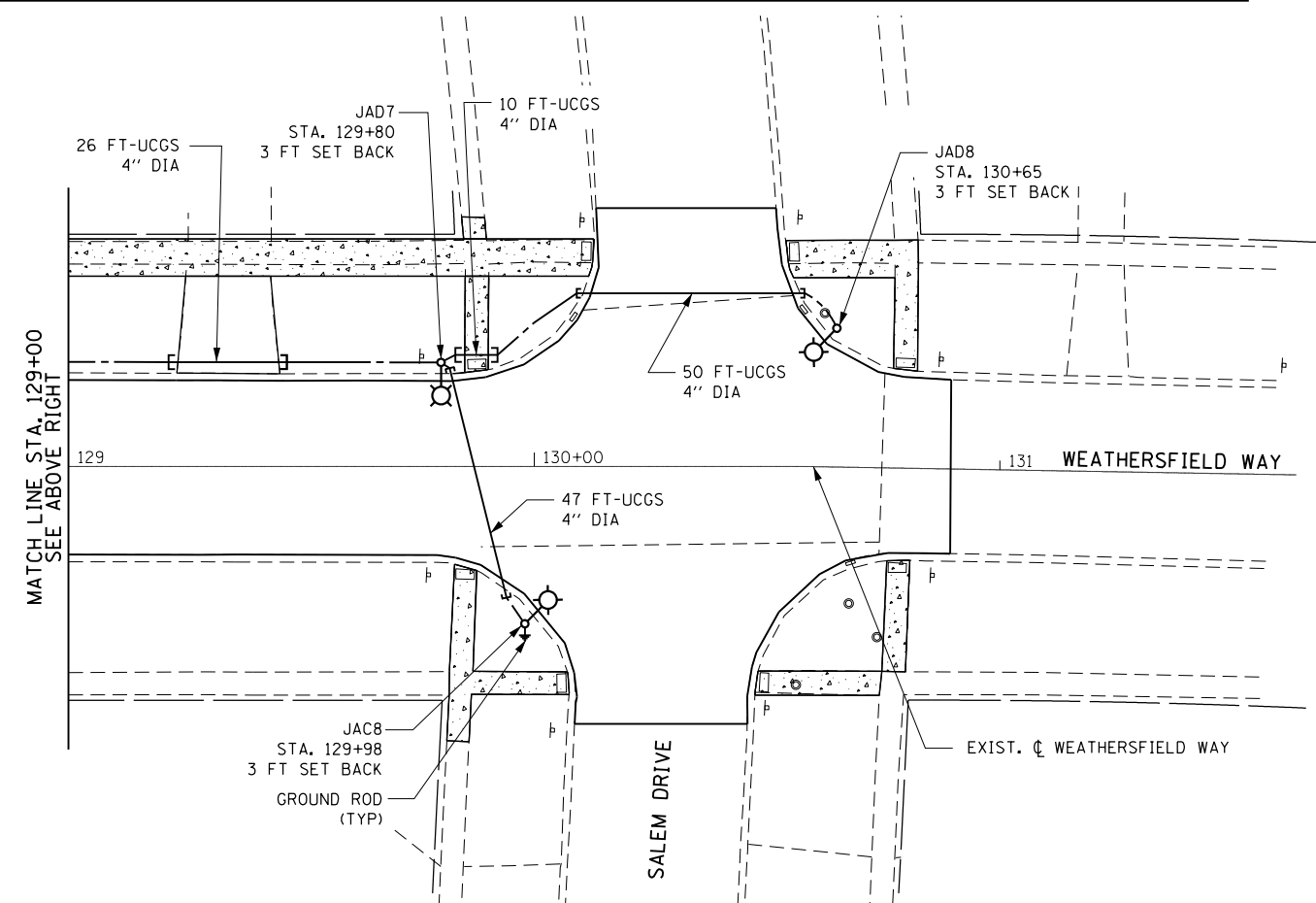
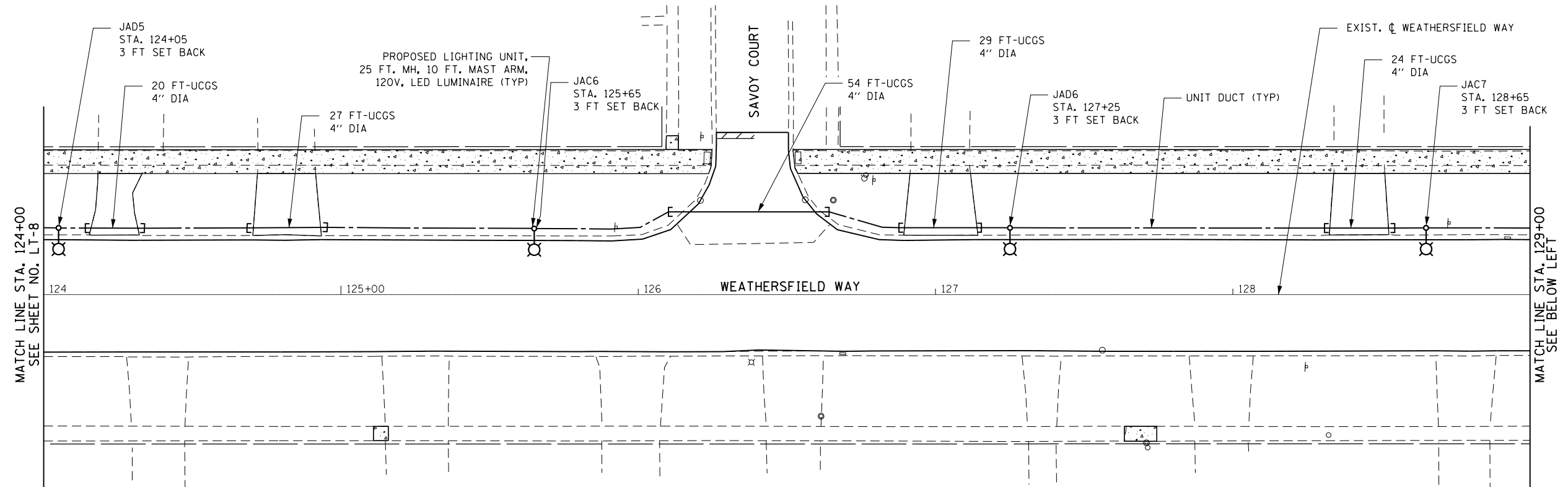
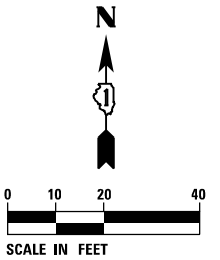
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: 1" = 20' SHEET 3 OF 4 SHEETS STA. 112+00 TO STA. 124+00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	38
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

LT-8



- NOTES:**
1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-1.
 2. SET BACK IS FROM THE FACE OF CURB TO THE CENTER OF LIGHT POLE.
 3. UCGS STANDS FOR UNDERGROUND CONDUIT, GALVANIZED STEEL.
 4. GROUND ROD SHALL BE INSTALLED AT EACH LIGHT POLE.

F:\Projects\2016-05_Weathersfield Way - Thomas_Udesign\SHA\31 Weathersfield Light 09.dgn

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USER NAME = Srahman	DESIGNED - MB/MH	REVISED -
	DRAWN - SR	REVISED -
PLOT SCALE = 48.0000' / 1"	CHECKED - BL	REVISED -
PLOT DATE = 5/3/2021	DATE - 05/03/21	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: 1" = 20' SHEET 4 OF 4 SHEETS STA. 124+00 TO STA. 131+60

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	39
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

LT-9

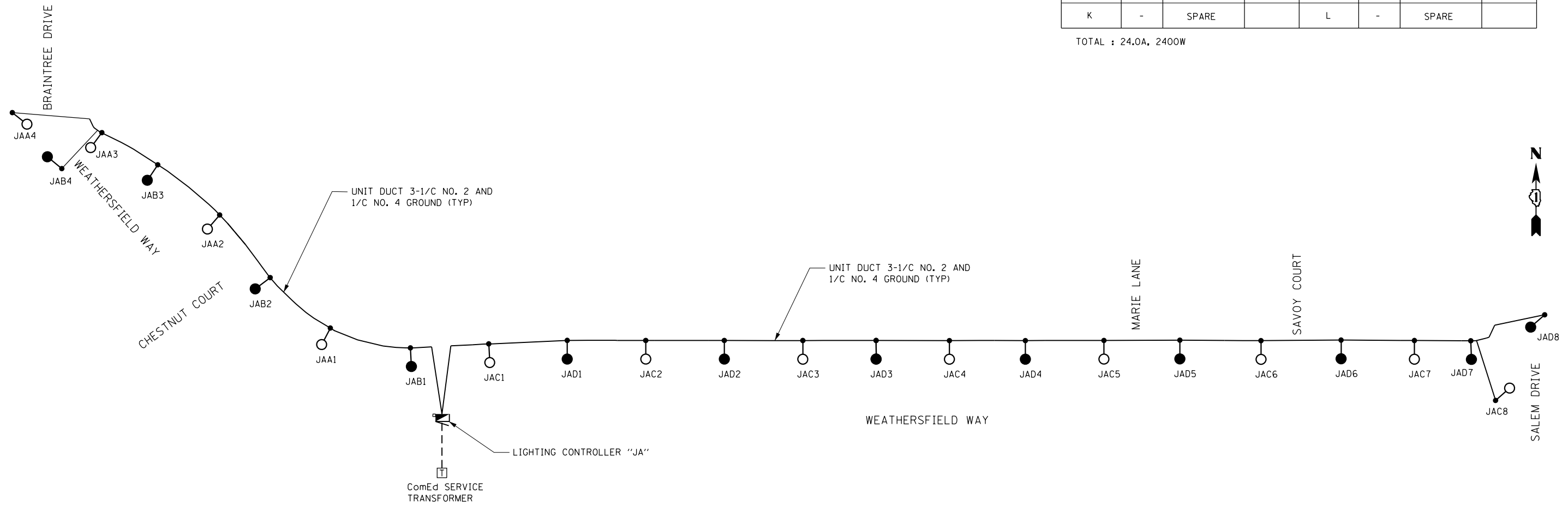
LEGEND

- LUMINAIRE, LED, 120V, 1.0A, 100W, 1Ø, ON RED WIRE
- LUMINAIRE, LED, 120V, 1.0A, 100W, 1Ø, ON BLACK WIRE

LOAD TABLE LIGHTING CONTROLLER "JA"
120/240V AC, 1Ø, 100 AMP WITH 12x1P 30A BKRS.

ON RED WIRE				ON BLACK WIRE			
CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE	CIRCUIT	TOTAL LUM.	TOTAL CURRENT IN AMPS	TOTAL WATTAGE
A	4	4.0	400	B	4	4.0	400
C	8	8.0	800	D	8	8.0	800
E	-	SPARE		F	-	SPARE	
G	-	SPARE		H	-	SPARE	
I	-	SPARE		J	-	SPARE	
K	-	SPARE		L	-	SPARE	

TOTAL : 24.0A, 2400W



NOTES:

1. FOR GENERAL NOTES AND LEGEND, SEE SHEET LT-1.

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SINGLE LINE WIRING DIAGRAM
WEATHERSFIELD WAY - SCHAUMBURG

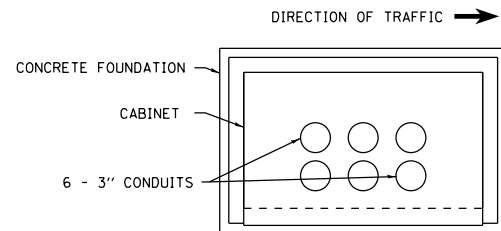
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	40
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

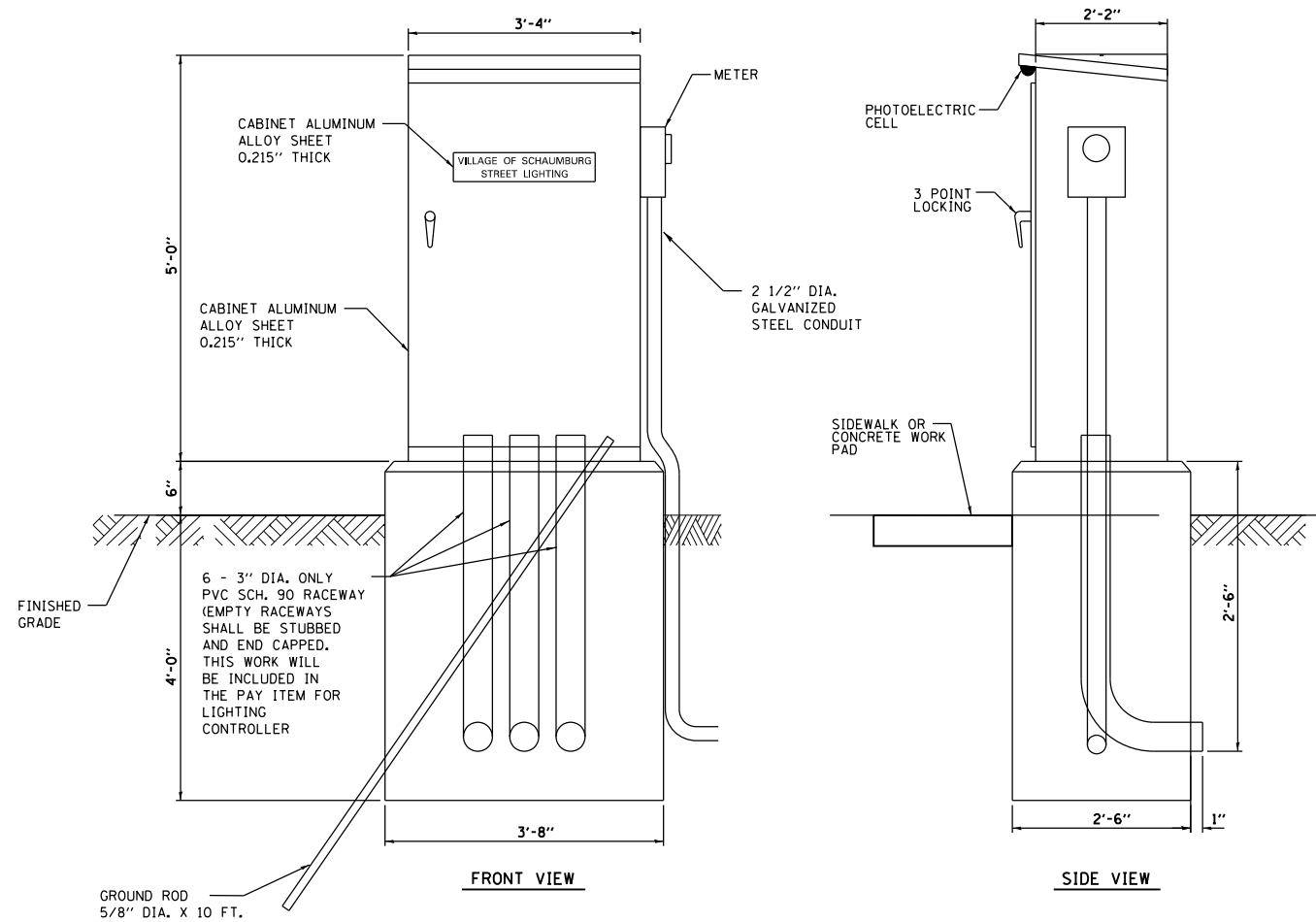
LT-10

NOTES FOR CONTROL CABINET:

1. THE CABINET SHALL BE FABRICATED FROM 0.125" THICK ALUMINUM ALLOY SHEET AND SHALL BE REINFORCED WITH ALUMINUM ANGLES. THE CABINET DOOR SHALL BE NEMA TYPE 3 CONSTRUCTION WITH NEOPRENE GASKET. THE DOOR SHALL HAVE STAINLESS STEEL HINGES AND THREE POINT LOCKING SYSTEM.
2. CONTROL WIRING SHALL BE NO. 12 AWG., 600V, TYPE 'SIS' GRAY SWITCHBOARD WIRE, STRANDED COPPER.
3. THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BUS CONNECTION AND GREEN FOR GROUND BUS CONNECTORS.
4. PROVIDE SEALING GROMMETS FOR ALL WIRING EXTENDING FROM DEVICE ENCLOSURES.
5. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
6. THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL 'ENCLOSED INDUSTRIAL CONTROL PANEL'.
7. PROVIDE A HOLDER AND WATERPROOF POUCH ON THE INNER SIDE OF THE CONTROLLER DOOR. FURNISH THE APPROVED COPY OF 'CONTROL CABINET WIRING DIAGRAM'.
8. A CONCRETE PAD 36" X 60" X 4" MINIMUM SIZE SHALL BE PLACED IN FRONT OF CONTROLLER CABINET DOOR WHEN THERE IS NO SIDEWALK. THE PAD SHALL BE POURED SEPARATELY FROM THE FOUNDATION AND INCLUDE A PREFORMED EXPANSION JOINT FILLER. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
9. CONTROLLER CABINET PAINTING NOTE:
THE CABINET SHALL BE PRIMED AND PAINTED GREEN. A SAMPLE SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. THE COST OF PAINTING THE CABINET SHALL BE INCLUDED IN THE COSTS OF MATERIAL AND INSTALLATION OF STREET LIGHTING CONTROLLER.
10. PROVIDE A RED WARNING NAMEPLATE IN THE CONTROLLER NEAR THE MAIN BREAKER INDICATING 'LIVE CIRCUITS EVEN WHEN MAIN CIRCUIT BREAKER IS IN OFF POSITION'.
11. THE PANEL MANUFACTURER SHALL LABEL THE CABINET WITH THE APPROPRIATE ARC FLASH WARNING AND PERSONNEL PROTECTION EQUIPMENT REQUIRED FOR SERVICING.
12. CONTROLLER CABINET DOOR SHALL BE ON THE PARKWAY SIDE OF THE CABINET, OPPOSITE THE ROADWAY.
13. THE ELECTRIC METER SHALL BE MOUNTED ON THE HINGE SIDE OF THE DOOR.

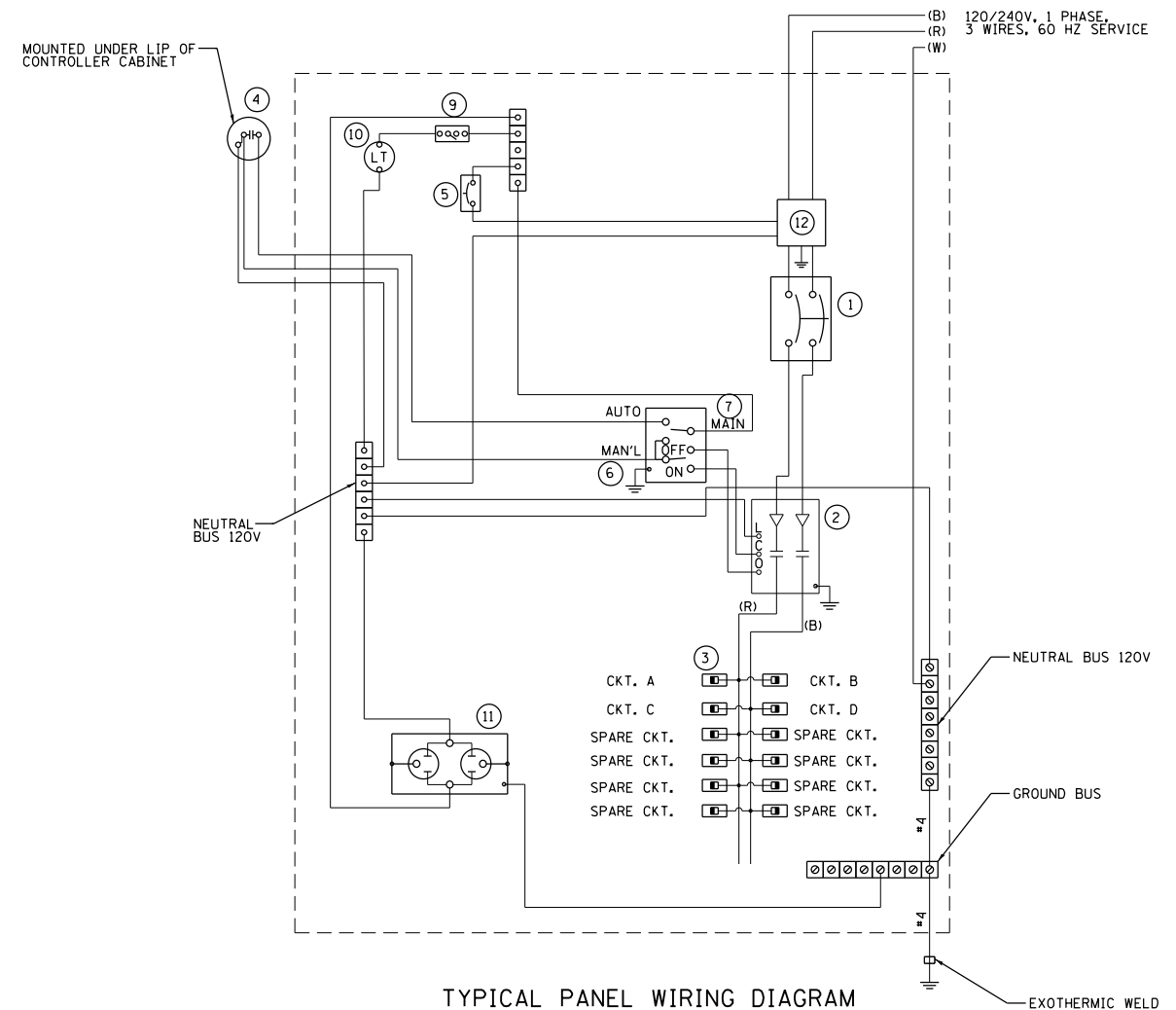


TOP VIEW



CONTROL CABINET - CONSOLE TYPE
MINIMUM DIMENSIONS

TYPICAL DEVICE SCHEDULE (NOTE: VALUES SHALL BE DESIGNED SPECIFIC TO EACH PROJECT)		
ITEM	QUANT.	DESCRIPTION
①	1	100 AMP CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, SINGLE THROW, 600V FRAME, NON-INTERCHANGEABLE TRIP, BOLT ON TYPE; INTERRUPTING CAPACITY OF NOT LESS THAN 22,000 RMS SYMMETRICAL AMPERES AT 600V
②	1	100 AMP, SQUARE D ELECTRICALLY OPERATED AND ELECTRICALLY HELD LIGHTING CONTACT OR, 2-POLE, 240 V.COIL
③	12	120/240V, 1 PHASE PANEL BOARD WITH 100 A. COPPER MAIN SINGLE POLE, 30 A., 277 V. BOLT ON BRANCH CIRCUIT BREAKERS INTERRUPTING CAPACITY OF NOT LESS THAN 10,000 RMS SYMMETRICAL AMPERES AT 240 V.
④	1	PHOTO-ELECTRIC CELL, 120 V, MOUNT UNDER LIP OF CONTROLLER CABINET
⑤	2	THERMAL MAGNETIC, MOLDED CASE CIRCUIT BREAKER, 1 POLE, 15 A., 120V. BOLT ON TYPE. INTERRUPTING CAPACITY OF NOT LESS THAN 5,000 RMS SYMMETRICAL AMPERES AT 120V.
⑥	1	CONTROL SWITCH, MOMENTARY CONTACT, SPDT, 15 A., 120V.
⑦	1	CONTROL SWITCH, TOGGLE TYPE, SPDT, 20 A., 120 V. SPEC. GRADE
⑧	1	MICRO SWITCH (MOUNTED WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN)
⑩	1	800 LUMEN LED LIGHT FIXTURE VAPORTIGHT WITH GLOBE, GUARD AND MOUNTING BOX
⑪	1	120 VOLT, 20 AMP, GFCI RECEPTACLE, SPECIFICATION GRADE IN NEMA 5-15R WEATHERPROOF BOX WITH FLAP-TYPE COVER
⑫	1	SURGE ARRESTOR



TYPICAL PANEL WIRING DIAGRAM

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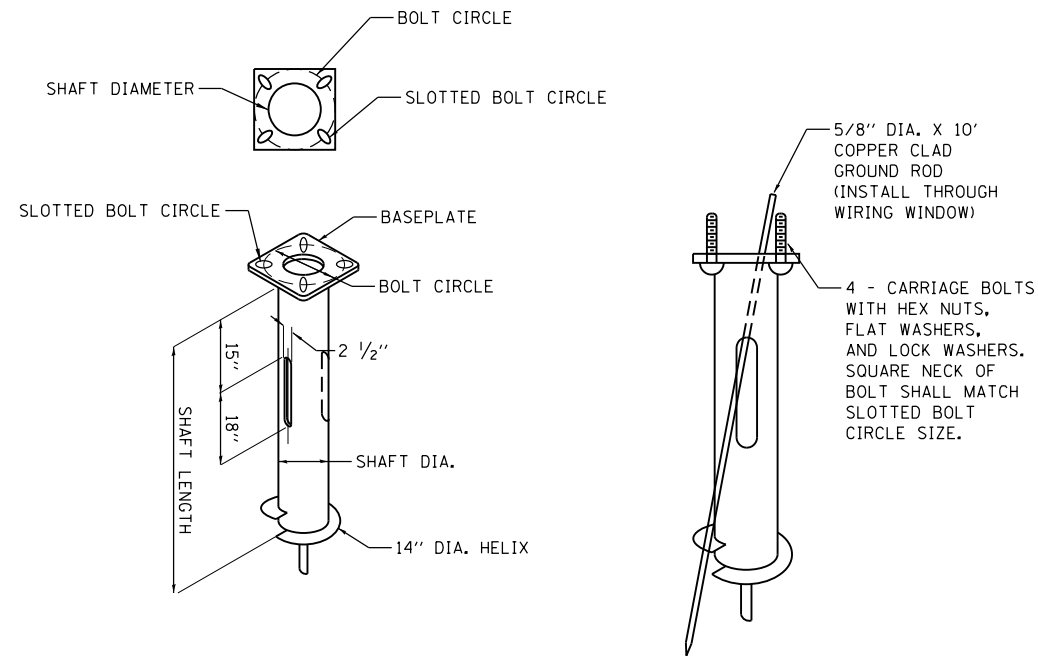
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**LIGHTING CONTROLLER SINGLE DOOR
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	41
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

LT-11



HELIX FOUNDATION SIZE

POLE MOUNTING HEIGHT	BOLT CIRCLE	SHAFT DIAMETER	SHAFT LENGTH	BASEPLATE
30 FT.	1 1/2"	8 5/8"	6 FT.	12" X 12" X 1"
31 FT. - 35 FT.	1 1/2"	8 5/8"	6 FT.	12" X 12" X 1"
36 FT. - 40 FT.	15"	8 5/8"	6 FT.	15" X 15" X 1 1/4"
41 FT. - 45 FT.	15"	8 5/8"	6 FT.	15" X 15" X 1 1/4"
46 FT. - 50 FT.	15"	10"	8 FT.	15" X 15" X 1 1/4"

NOTES FOR METAL FOUNDATION

- METAL FOUNDATION SHALL BE THE FOUNDATION USED FOR ALL LIGHTING AND DECORATIVE LIGHTING UNITS UNLESS CONDITIONS IN THE FIELD MAKES IT IMPOSSIBLE TO USE METAL FOUNDATIONS, THEN AN OFFSET FOUNDATION SHALL BE USED WITH ENGINEER APPROVAL.
- ALL MATERIAL SHALL BE GALVANIZED ACCORDING TO AASHTO M111, UNLESS OTHERWISE SPECIFIED.
- ALL WELDS SHALL BE CONTINUOUS AND NOT LESS THAN 1/4" FILLET WELDS. THE WELDED FOUNDATION SHALL BE CAPABLE OF WITHSTANDING 10,000 FT/LBS OF INSTALLATION TORQUE APPLIED ABOUT THE AXIS OF THE FOUNDATION.
- FABRICATE TWO SLOTS IN THE SHAFT AT 180 DEGREES FOR UNIT DUCTS AND CABLES ENTERING AND LEAVING THE POLE FOUNDATION.
- TOP PLATE SHALL BE PERMANENTLY MARKED WITH THE CABLING SLOT LOCATIONS.
- HELIX FOUNDATION SHALL BE INSTALLED VERTICAL AND THE BASEPLATE SHALL BE IN LEVEL. THE BREAKAWAY COUPLINGS AND HARDWARE SHALL NOT BE USED TO ALIGN THE POLE INSTALLATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE INSTALLATION OF THE LIGHT POLE.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF THE BASEPLATE WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
- ANY VOIDS WITHIN THE METAL FOUNDATION SHALL BE FILLED WITH SAND.
- METAL FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED SOIL. PREDRILLING A PILOT HOLE AND/OR BACKFILLING AROUND THE FOUNDATION IS NOT ALLOWED.
- GROUND ROD, 5/8" DIA. x 10', THROUGH FOUNDATION WILL BE REQUIRED AND INCLUDED ON ALL LIGHT POLE FOUNDATIONS INCLUDING METAL FOUNDATIONS.
- THE METAL FOUNDATION SHALL NOT BE INSTALLED TO A TORQUE WHICH EXCEEDS THE MANUFACTURER'S MAXIMUM TORQUE RATING NOR SHALL IT BE INSTALLED TO AN INSTALLATION TORQUE VALUE OF LESS THAN 3,500 FT LB. METAL FOUNDATIONS THAT ARE NOT INSTALLED TO FULL INSTALLATION DEPTH OR DO NOT ACHIEVE THE MINIMUM INSTALLATION TORQUE SHALL BE REMOVED AND REPLACED WITH A CONCRETE FOUNDATION AT NO ADDITIONAL COST.
- THE BASEPLATE SHALL BE PERPENDICULAR TO THE SHAFT AXIS (± 1°) AND THE HOLE CENTERLINE SHALL BE CONCENTRIC (± 0.188) TO THE SHAFT AXIS.
- THE PILOT POINT AND SHAFT AXIS SHALL BE CONCENTRIC (± 0.125) AND IN LINE (± 2°).
- THE BASEPLATE SHALL BE STAMPED WITH THE MANUFACTURERS NAME AND DATE OF MANUFACTURE.
- ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:
 - BASE PLATE: AASHTO M 270M, GRADE 36 (M270M, GRADE 250)
 - SHAFT: ASTM A 252 - (LATEST REVISION) GRADE 2, (PHOSPHOROUS 0.04% MAXIMUM, SULFUR 0.05% MAXIMUM)
 - HELIX SCREW: AASHTO M 183 (ASTM A 635) (LATEST REVISION)
 - PILOT POINT: AASHTO M 270 (ASTM A 575) (LATEST REVISION)
 - ANCHOR RODS/STUDS: AASHTO M 314 (ASTM F 1554) (LATEST REVISION)
 - HEXAGON NUTS: AASHTO M 291M (ASTM A 563) GRADE DH, OR AASHTO M 292 (ASTM A 194) GRADE 2H (LATEST REVISION)
 - WASHERS: AASHTO M 293 (ASTM F 436) (LATEST REVISION)

POLE FOUNDATION METAL

HELIX MUST BE FORMED BY MATCHING METAL DIE (SIDE VIEW OF TRUE HELICAL FORM)

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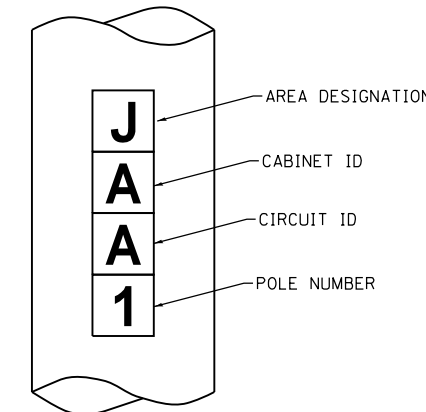
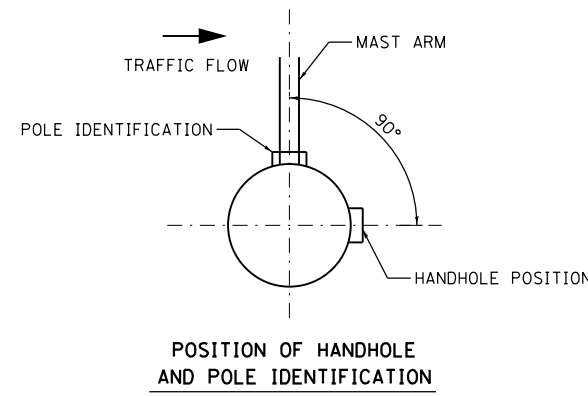
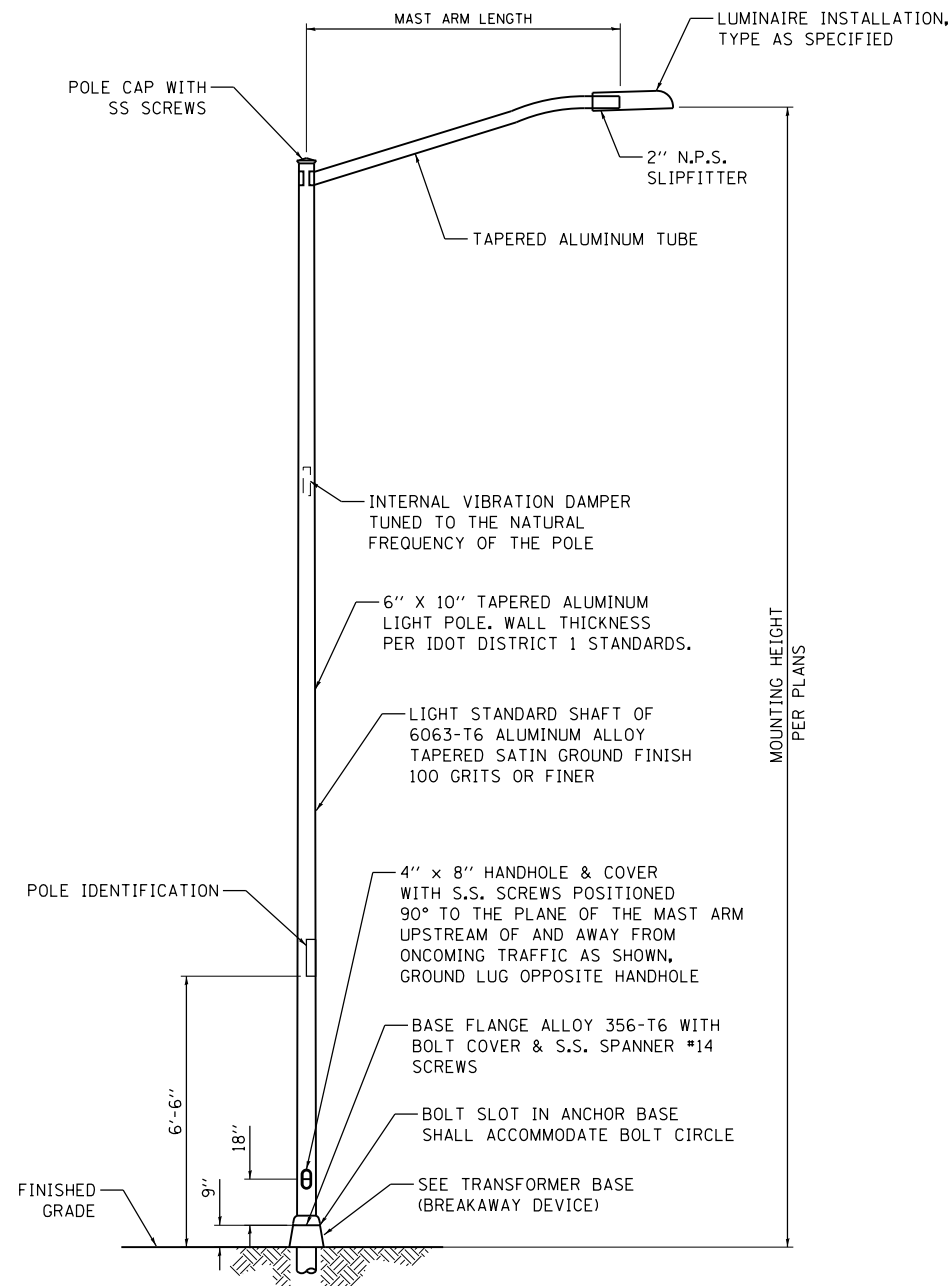
**LIGHTING POLE FOUNDATION METAL
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	42
CONTRACT NO. 61H07				
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LT-12

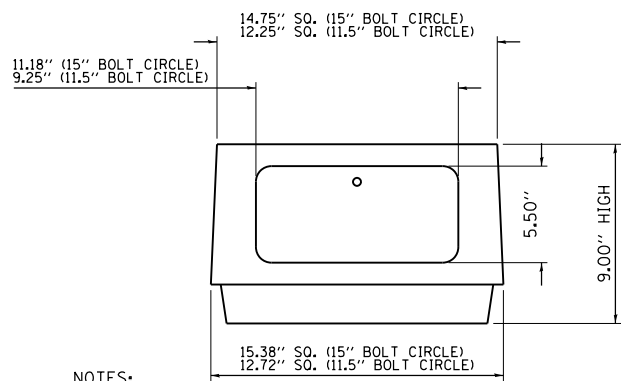
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PLOT DATE = 5/3/2021	DATE - 05/03/21	REVISED -



NOTES:

- 4" HIGH WHITE LETTERS ON RED, PRESSURE SENSITIVE AND REFLECTIVE BACKGROUND, ONE PIECE STICKER PER CHARACTER 4"x4 1/2".
- FONT TO BE T2000 HWYC.

POLE IDENTIFICATION



NOTES:

- DOORS: ALUMINUM ONLY.
- HARDWARE: CARRIAGE BOLTS SHALL BE USED WITH FLAT WASHER, LOCK WASHER, AND NUTS (1/2" THICK AT BASE AND 3/8" THICK AT POLE). NO THREADED ROD ALLOWED.
- GROUNDING: AREA WHERE THE GROUND WIRE ATTACHES TO TRANSFORMER BASE MUST BE SCRATCHED TO ENSURE EFFECTIVE BONDING (IF PAINTED).

**TRANSFORMER BASE
(BREAKAWAY DEVICE)**

(MEET LATEST AASHTO REQUIREMENTS)

NOTES:

- HEAT TREATMENT SHALL BE APPLIED AFTER WELDING.
- DESIGN AND FABRICATION OF THE POLE SHAFT, ARMS, TENONS, AND ATTACHMENTS SHALL BE ACCORDING TO AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" CURRENT AT THE TIME THE PROJECT IS ADVERTISED.
- POLES AND ARMS SHALL BE BUILT TO TOLERANCES THAT WILL ALLOW CONSISTENT INTERCHANGIBILITY TO FACILITATE REPLACEMENT OF ARMS AND POLES.
- A DECAL COMPLYING WITH THE ANSI STANDARD SHALL BE PERMANENTLY ATTACHED TO THE LUMINAIRE AT THE FACTORY. THE DECK SHALL ALLOW A VIEWER AT GROUND LEVEL TO IDENTIFY THE WATTAGE AND LUMINAIRE PHOTOMETRIC DISTRIBUTION.

LIGHTING UNIT

(NOT TO SCALE)

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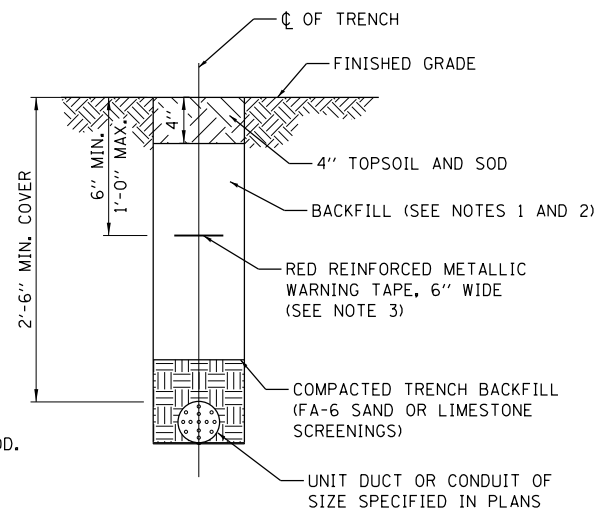
**LIGHTING POLE FOUNDATION
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

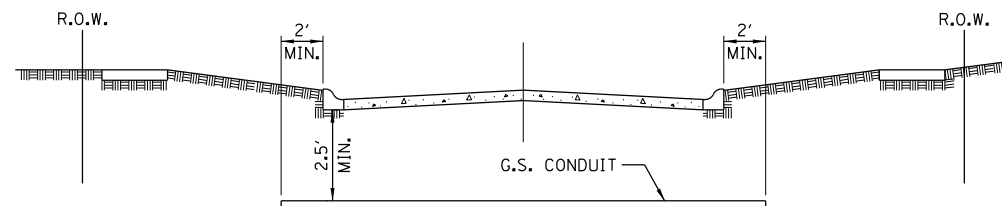
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	43
CONTRACT NO. 61H07			ILLINOIS FED. AID PROJECT	

NOTES:

1. IN GRASS COVERED AREAS, THE BACKFILL MAY BE COMPACTED EARTH.
2. TRENCHES WITHIN 2' OF PROPOSED OR EXISTING STREETS, DRIVEWAYS, OR SIDEWALKS WILL BE BACKFILLED WITH COMPACTED FA-6 SAND OR LIMESTONE SCREENINGS.
3. WARNING TAPE WILL BE RED WITH BLACK LETTERING TO READ "CAUTION - ELECTRIC LINE BURIED BELOW".
4. ALL GRASS COVERED AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH 4" OF TOPSOIL AND SOD.



TYPICAL TRENCH CROSS SECTION

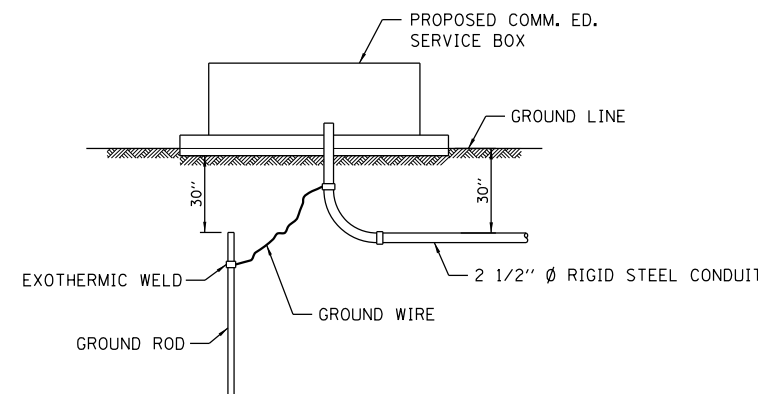


STREET CROSSING

NOTES

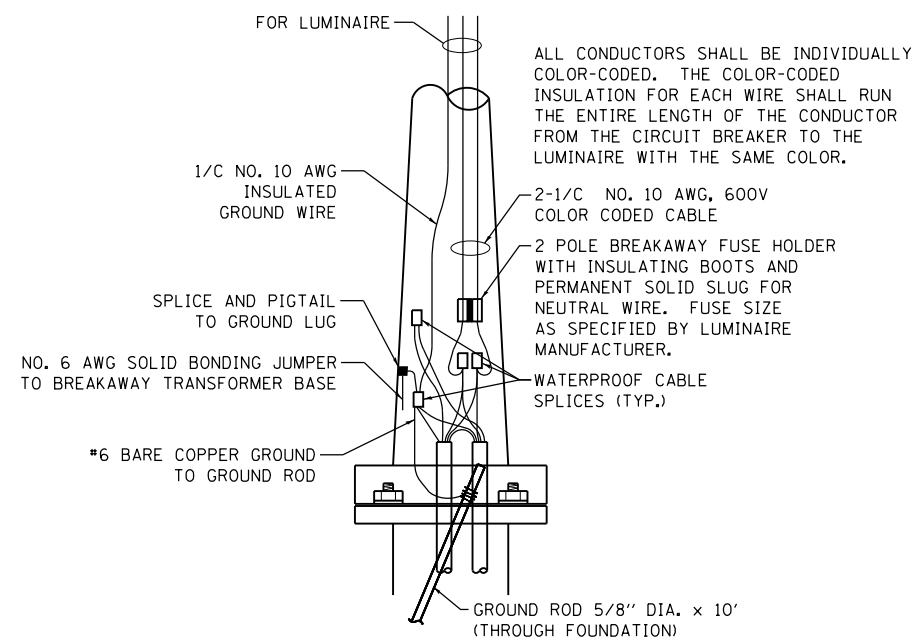
1. PAVEMENT INCLUDES ROADS, DRIVEWAYS, SIDEWALKS, AND BIKE PATHS.
2. CONDUIT SHALL BE HEAVY WALL RIGID GALVANIZED STEEL CONDUIT, MINIMUM 2" DIAMETER.
3. CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB OR EDGE OF PAVEMENT.
4. CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW BOTTOM OF PAVEMENT.

ELECTRICAL CONDUIT UNDER PAVEMENT

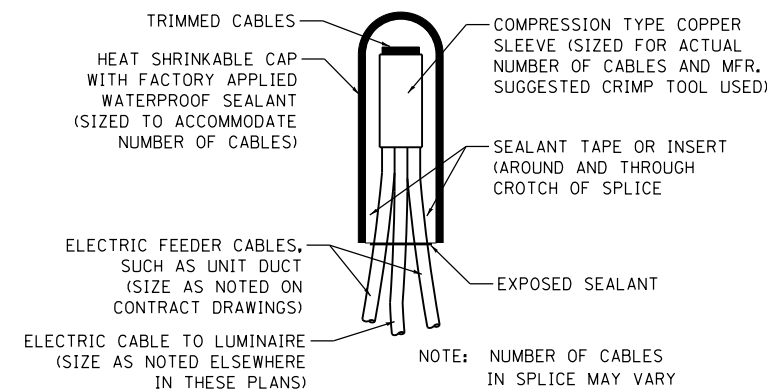


PROPOSED SERVICE INSTALLATION

NOTE: GROUND ROD, GROUND CLAMPS & GROUND WIRE TO BE IN ACCORDANCE WITH COMM. ED. REQUIREMENTS.



ROADWAY POLE HANDHOLE WIRING DIAGRAM FOR SINGLE LUMINAIRE



SPlicing ELECTRIC Cables BASIC MATERIALS AND METHODS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MISCELLANEOUS DETAILS SHEET A
WEATHERSFIELD WAY - SCHAUMBURG**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	44
			CONTRACT NO. 61H07	
ILLINOIS FED. AID PROJECT				

LT-14

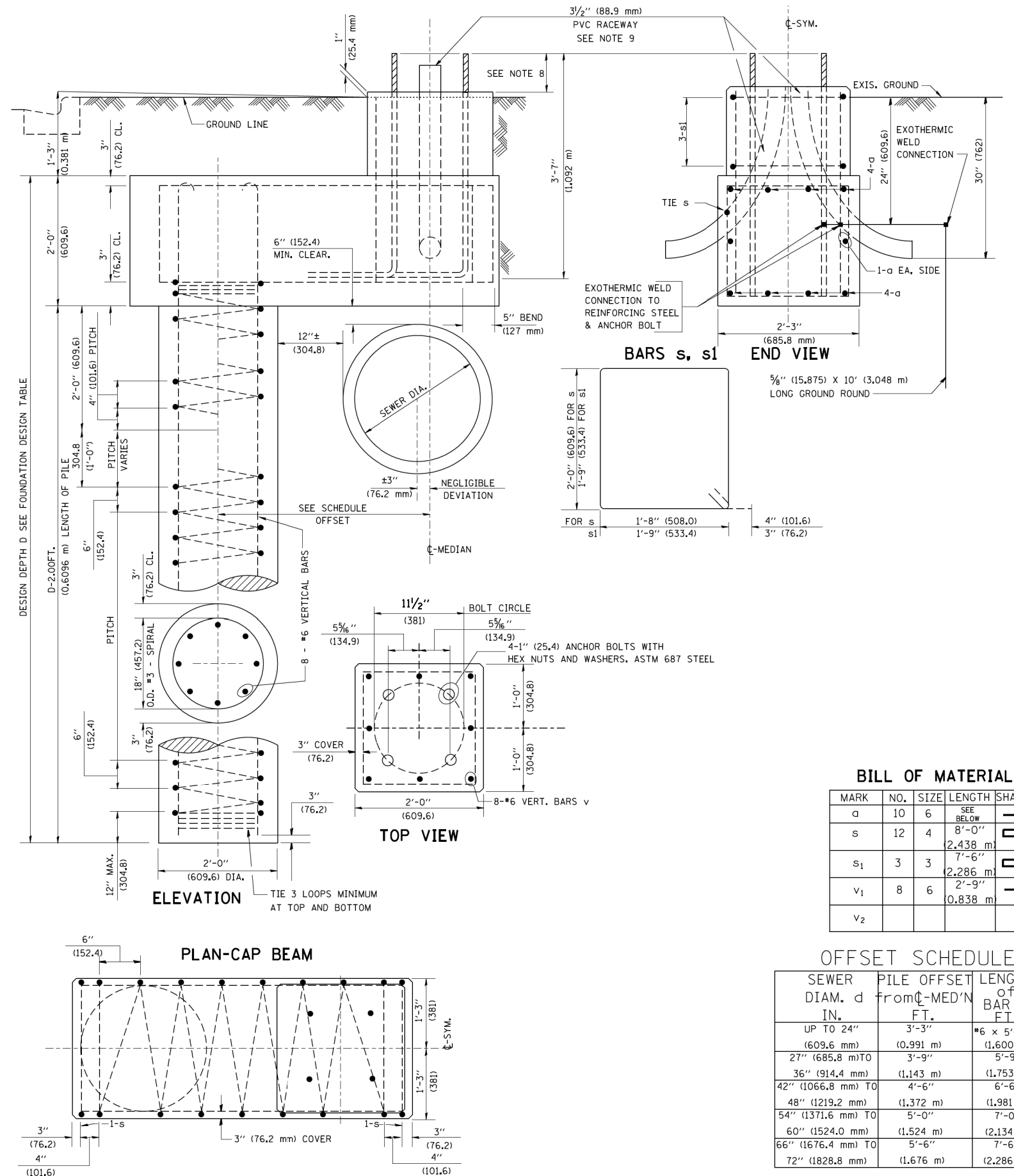
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FOUNDATION DESIGN TABLE

TYPE OF SOIL	DESIGN DEPTH OF FOUNDATION		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE ARM		TWIN ARM	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0" (3.962 m)	15'-0" (4.572 m)	8-#6X12'-6" (3.810 m)	#3X122' (37.186 m)	8-#6X14'-3" (4.343 m)	#3X141' (42.977 m)
MEDIUM CLAY	9'-6" (2.896 m)	10'-9" (3.277 m)	8-#6X9'-0" (2.743 m)	#3X90' (27.432 m)	8-#6X10'-0" (3.048 m)	#3X100' (30.480 m)
STIFF CLAY	7'-0" (2.134 m)	8'-0" (2.438 m)	8-#6X6'-6" (1.981 m)	#3X66' (20.112 m)	8-#6X7'-6" (2.286 m)	#3X76' (23.165 m)
LOOSE SAND	9'-0" (2.743 m)	10'-0" (3.048 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)	8-#6X9'-6" (2.896 m)	#3X94' (28.651 m)
MEDIUM SAND	8'-3" (2.515 m)	9'-0" (2.743 m)	8-#6X8'-0" (2.438 m)	#3X78' (23.774 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
DENSE SAND	7'-9" (2.362 m)	9'-0" (2.743 m)	8-#6X7'-6" (2.286 m)	#3X73' (22.250 m)	8-#6X8'-6" (2.591 m)	#3X85' (25.908 m)
ROCK OR SOLIDIFIED SLAG	5'-0" (1.524 m)	5'-0" (1.524 m)	NONE	NONE	NONE	NONE

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" (609.6 mm) OR 30" (762.0 mm) IN DIAMETER.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- THE CONTRACTOR SHALL COORDINATE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS. IF LIGHT POLE IS MOUNTED WITHOUT BREAKAWAY DEVICE, ANCHOR BOLTS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE TOP OF THE FOUNDATION. THE CONTRACTOR SHALL CONFIRM ANCHOR BOLT EXTENTION WITH ENGINEER.
- RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERECTED.
- THE CAD WELD CONNECTIONS BETWEEN THE GROUND ROD AND REINFORCING STEEL SHALL BE VERIFIED BEFORE THE CONCRETE IS POURED.



BILL OF MATERIAL

MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2.438 m)	□
s1	3	3	7'-6" (2.286 m)	□
v1	8	6	2'-9" (0.838 m)	—
v2				

OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET from C-MED'N FT.	LENGTH of BAR a FT.
UP TO 24" (609.6 mm)	3'-3" (0.991 m)	#6 x 5'-3" (1.600 m)
27" (685.8 mm) TO 36" (914.4 mm)	3'-9" (1.143 m)	5'-9" (1.753 m)
42" (1066.8 mm) TO 48" (1219.2 mm)	4'-6" (1.372 m)	6'-6" (1.981 m)
54" (1371.6 mm) TO 60" (1524.0 mm)	5'-0" (1.524 m)	7'-0" (2.134 m)
66" (1676.4 mm) TO 72" (1828.8 mm)	5'-6" (1.676 m)	7'-6" (2.286 m)

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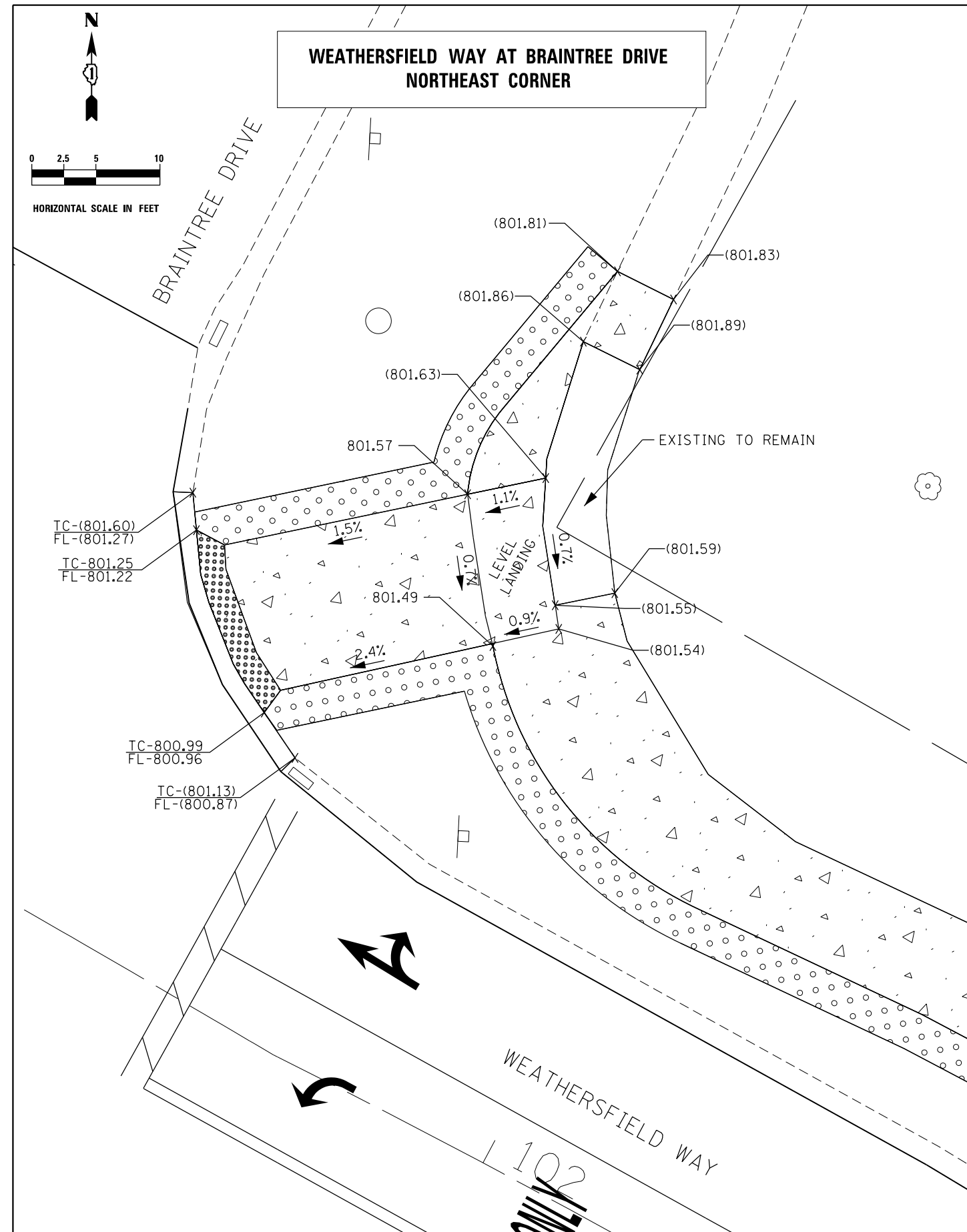
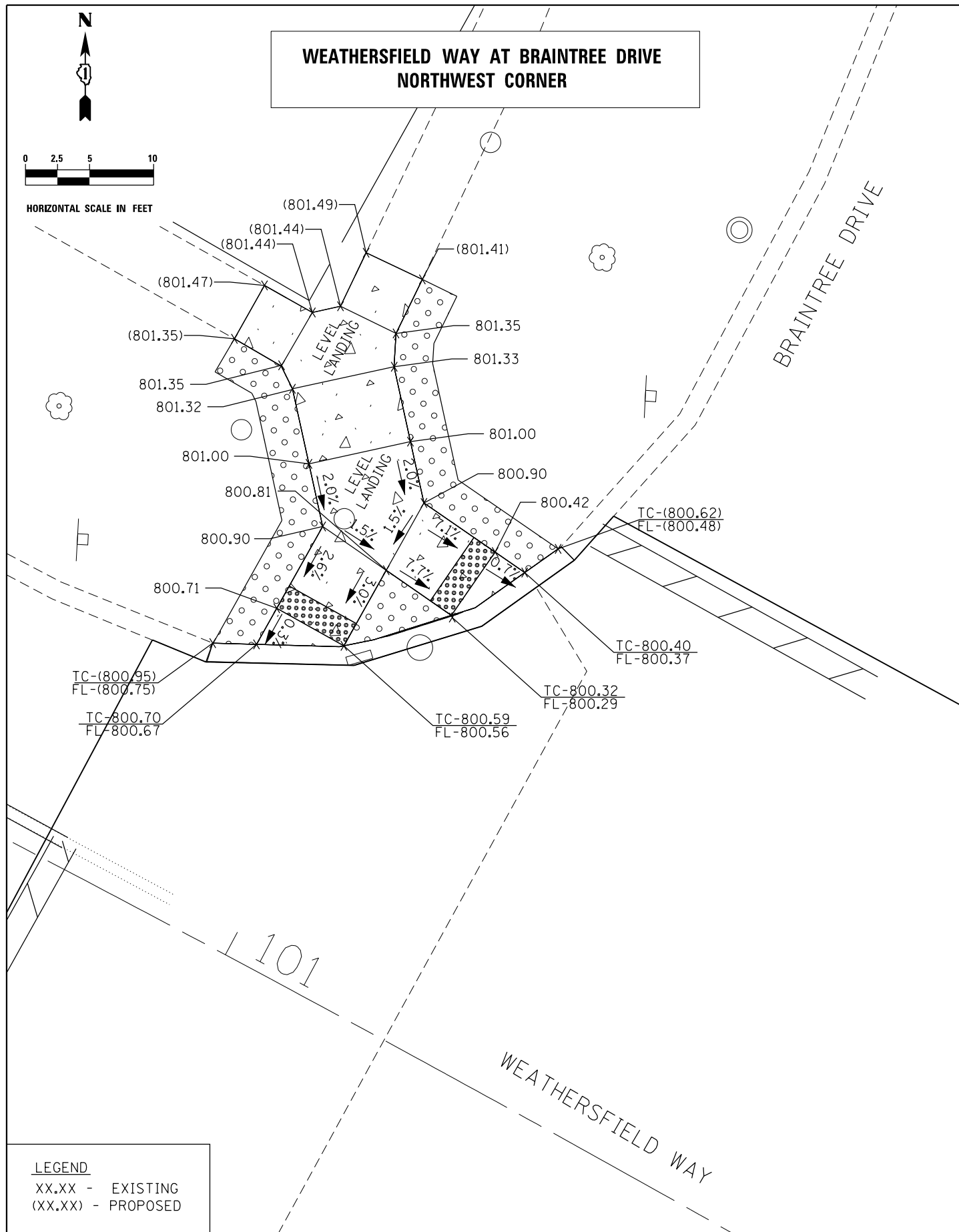
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**LIGHT POLE FOUNDATION, OFFSET
WEATHERSFIELD WAY - SCHAUMBURG**
SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	45
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

LT-15



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thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

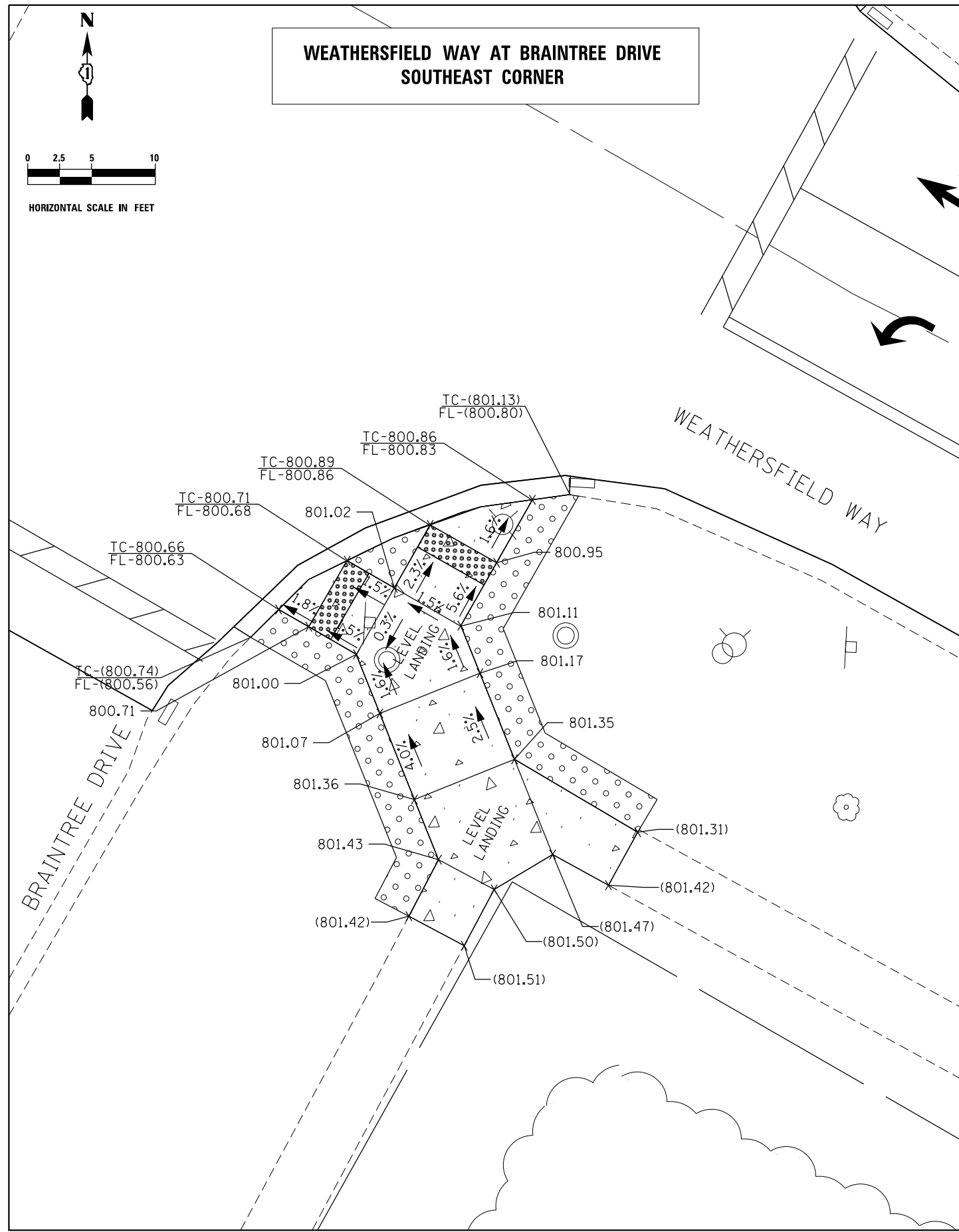
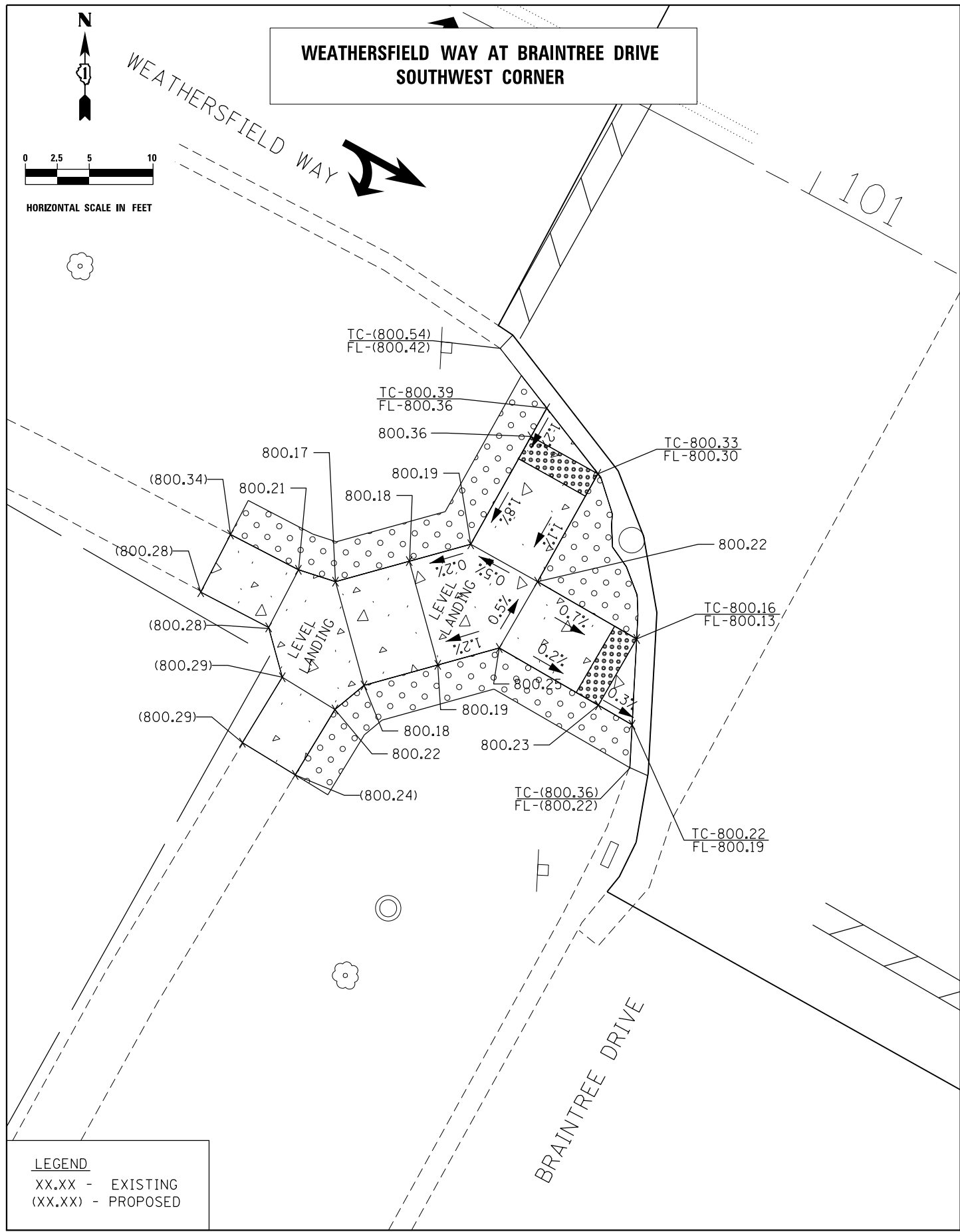
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	DRAWN - MJK	REVISED -
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PLOT DATE = 5/3/2021	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK / ADA DESIGN

SCALE: 1 : 5 SHEET 1 OF 2 SHEETS STA. N/A TO STA. N/A

MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 46
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



LEGEND
 XX.XX - EXISTING
 (XX.XX) - PROPOSED

T:\Projects\16-008_Schaumburg_Weathersfield_Way_Resurfacing_Project\CADD_Sheets\K_Weathersfield ADA_02-SS4.dgn

thomas engineering group, llc
 762 shoreline drive
 suite 200
 aurora, illinois 60504
 phone: 855-533-1700

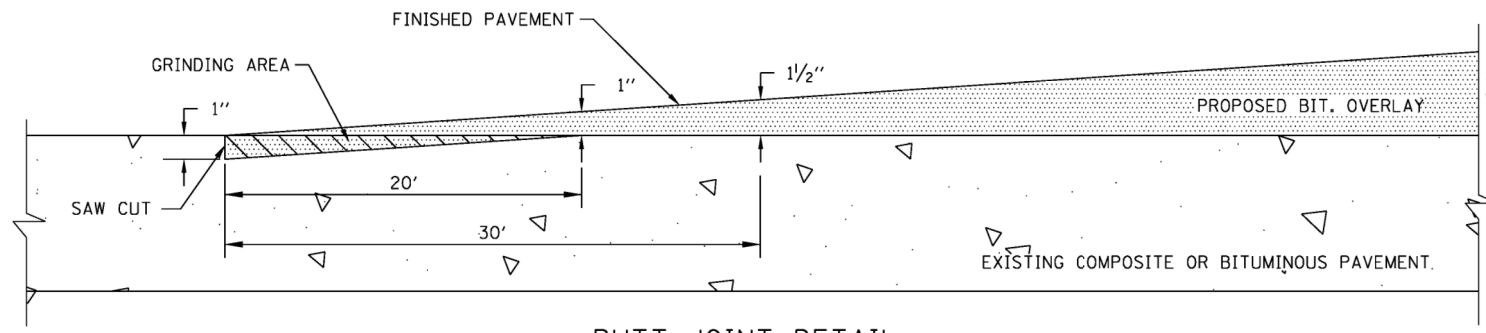
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PLOT SCALE = 10.0000' / 1"	CHECKED - JMY	REVISED -
PLOT DATE = 5/3/2021	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK / ADA DESIGN

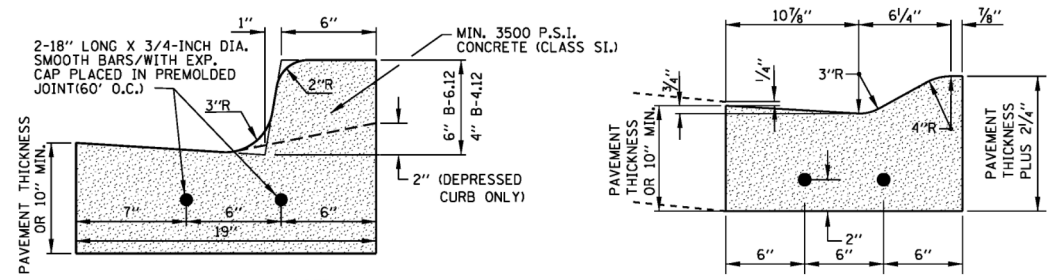
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MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	47
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



BUTT JOINT DETAIL

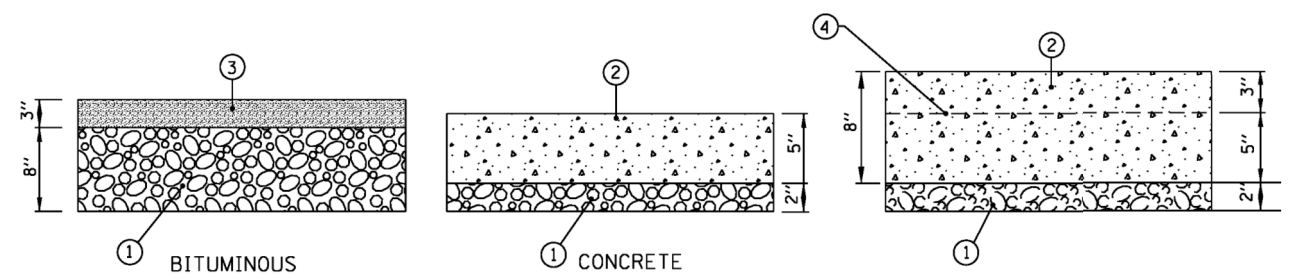
NOTES: SAW CUT BEFORE GRINDING TO A MAX. DEPTH OF 1" TO BE CONSIDERED INCIDENTAL TO THE COST OF THE BITUMINOUS SURFACE REMOVAL.



**COMBINATION CURB & GUTTER
TYPE B-6.12 & TYPE B-4.12**

**COMBINATION CURB & GUTTER
TYPE M-3.12**

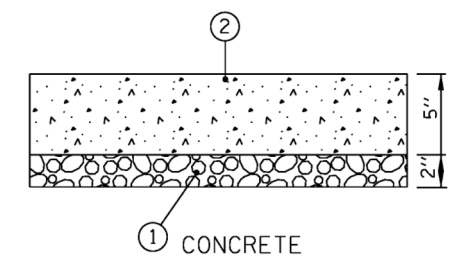
NOTE: USE TWO NO. 5 RE-BARS FOR 10' ON EITHER SIDE OF ALL UTILITY TRENCHES. INSTALL 1" EXPANSION JOINT AT POINTS OF CURVATURE, AT CONSTRUCTION JOINTS AND AT A DISTANCE NOT TO EXCEED 60'. CONTRACTION JOINTS SHALL BE PLACED BETWEEN EXPANSION JOINTS AT DISTANCES NOT TO EXCEED 15'.



LEGEND

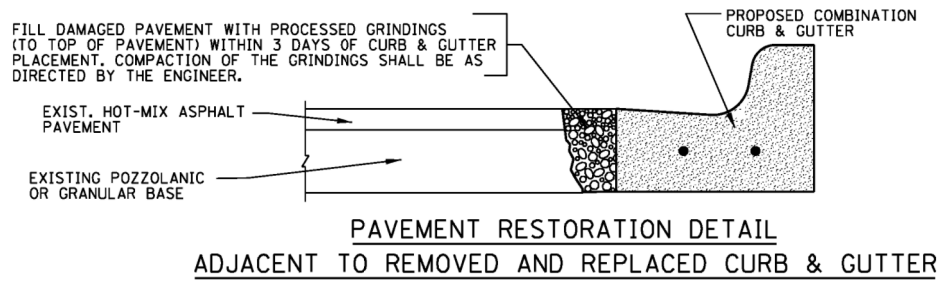
- ① POROUS GRANULAR EMBANKMENT, SUBGRADE (CA-6 GRADATION), AS DIRECTED
- ② CLASS SI CONCRETE
- ③ HOT-MIX ASPHALT SURFACE COURSE
- ④ 6" x 6" #6 WIRE MESH

DRIVEWAYS/APRONS

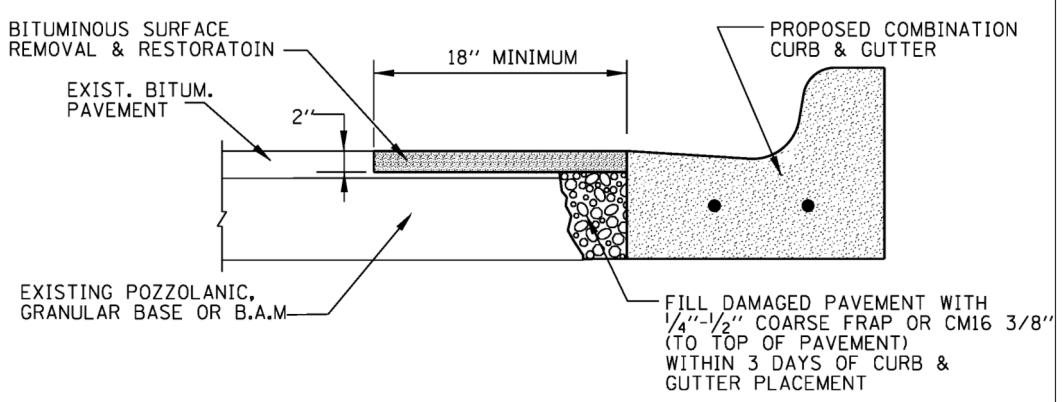


SIDEWALK

- ① POROUS GRANULAR EMBANKMENT, SUBGRADE (CA-6 GRADATION), AS DIRECTED
- ② CLASS SI CONCRETE

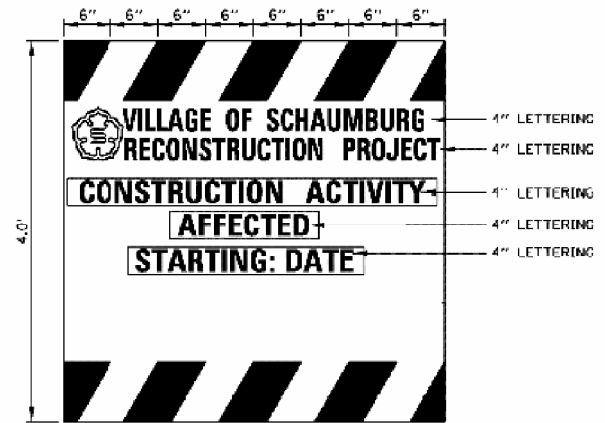


**PAVEMENT RESTORATION DETAIL
ADJACENT TO REMOVED AND REPLACED CURB & GUTTER**



**PAVEMENT RESTORATION DETAIL
ADJACENT TO REMOVED AND REPLACED CURB & GUTTER**

ALL WORK INCIDENTAL (AREAS WITH NO PAVEMENT IMPROVEMENTS)



PROJECT INFORMATION SIGN

T:\Projects\16-008_Schaumburg_Weathersfield_May_Resurfacing_Project\CADD\Sheets\L_Weathersfield_Schaumburg_Details.dgn

thomas engineering group, llc
762 shoreline drive
suite 200
aurora, illinois 60504
phone: 855-533-1700

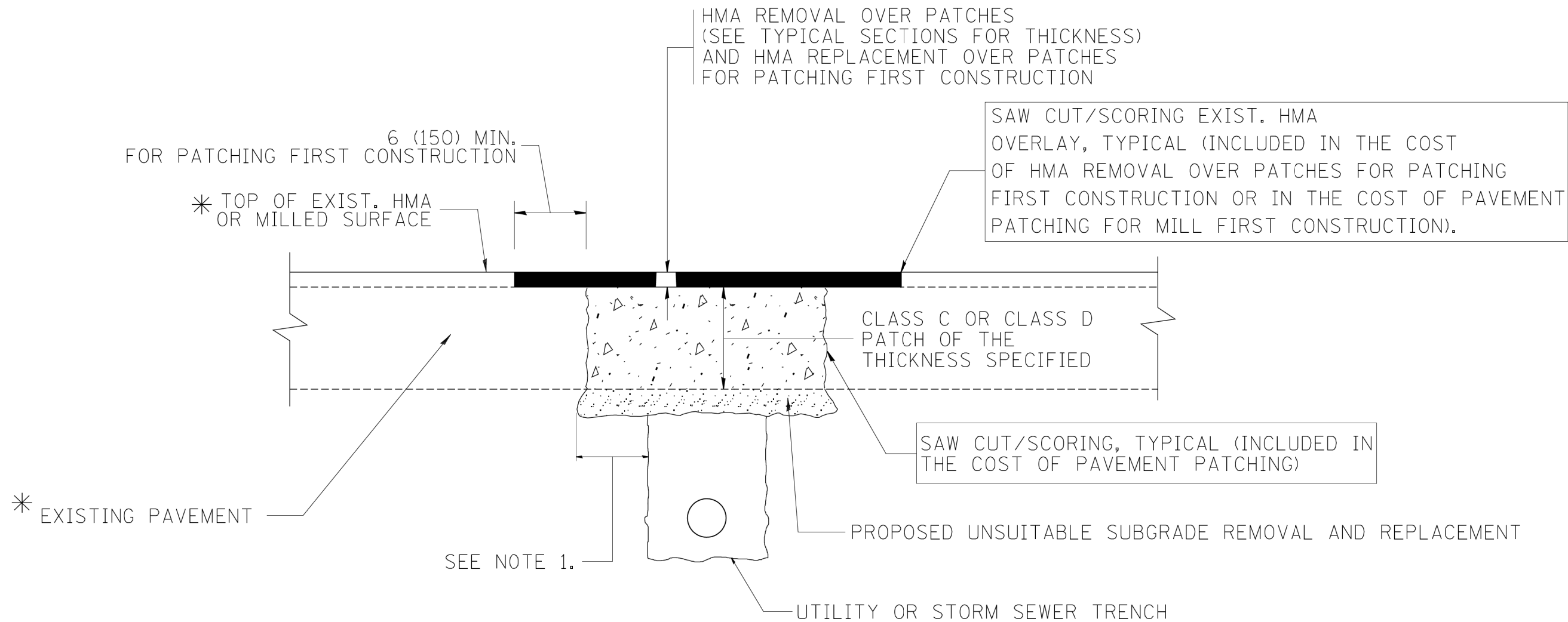
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	DRAWN - MJK	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - JMY	REVISED -
PLOT DATE = 5/3/2021	DATE - 04/30/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

VILLAGE OF SCHAUMBURG DETAILS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	48
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				



* 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)

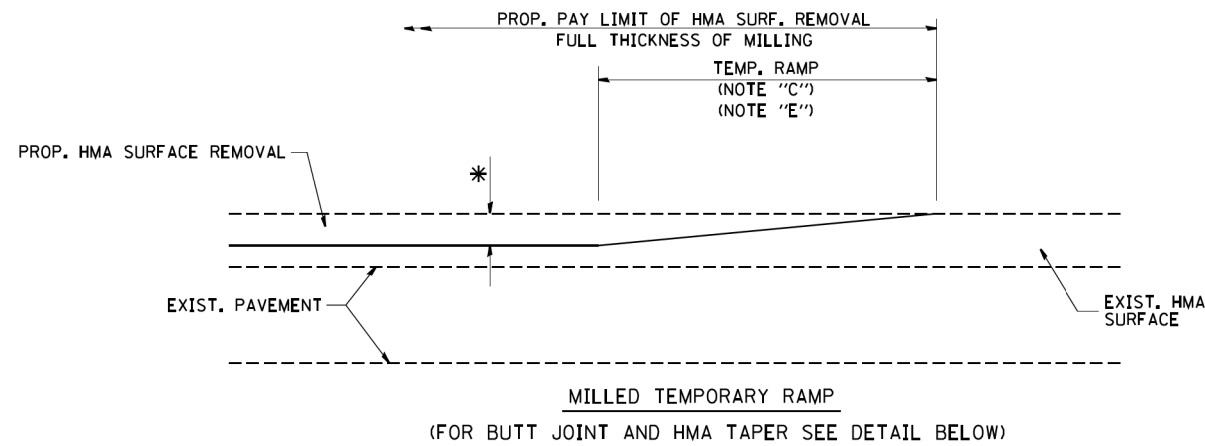
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

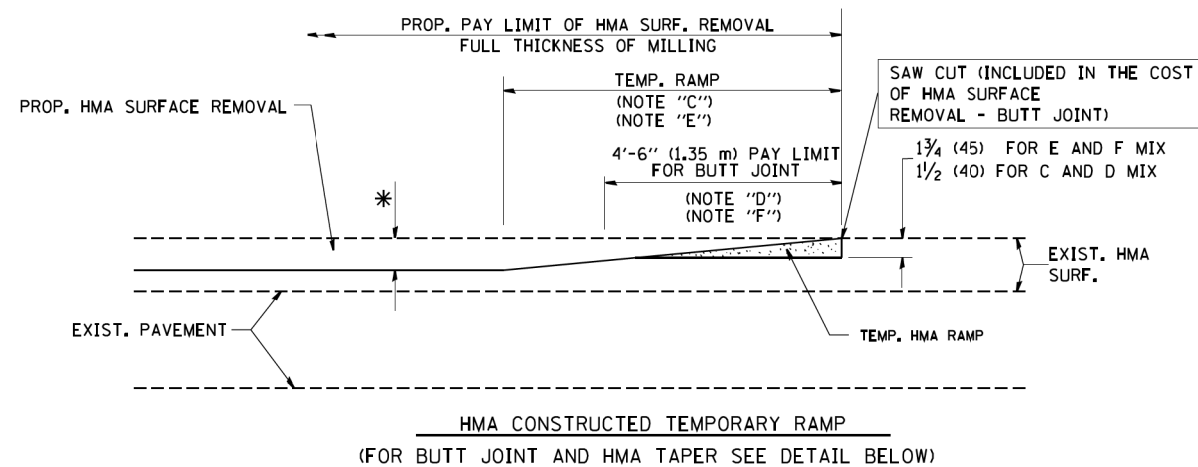
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = c:\projects\diststd22x34\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			MUN. RTE. 0001A	SECTION 17-00129-00 PV	COUNTY COOK	TOTAL SHEETS 66	SHEET NO. 49
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. N/A TO STA. N/A	BD400-04 (BD-22)		CONTRACT NO. 61H07		
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

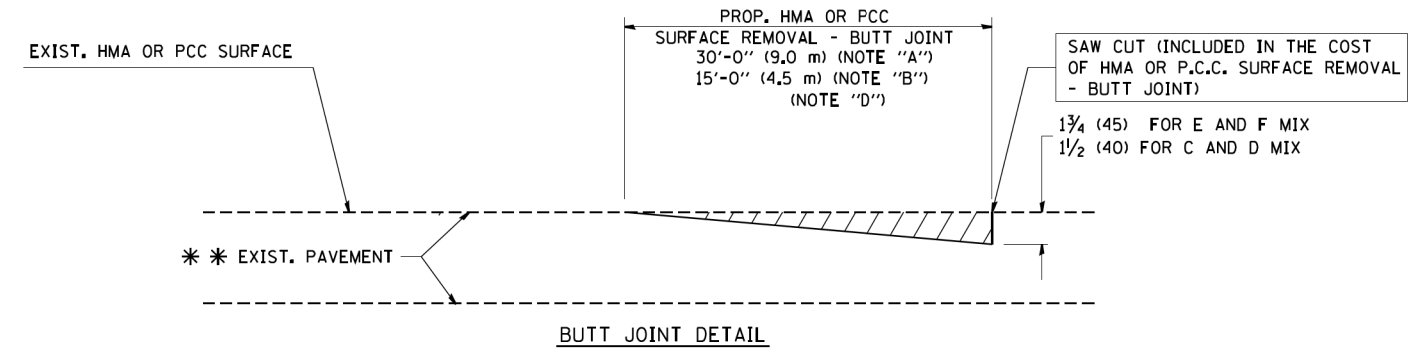


OPTION 1

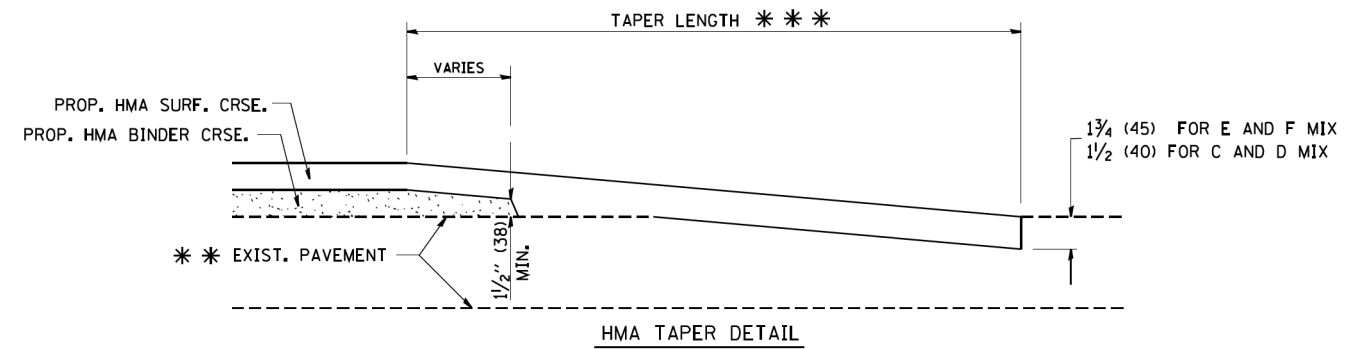


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER 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".

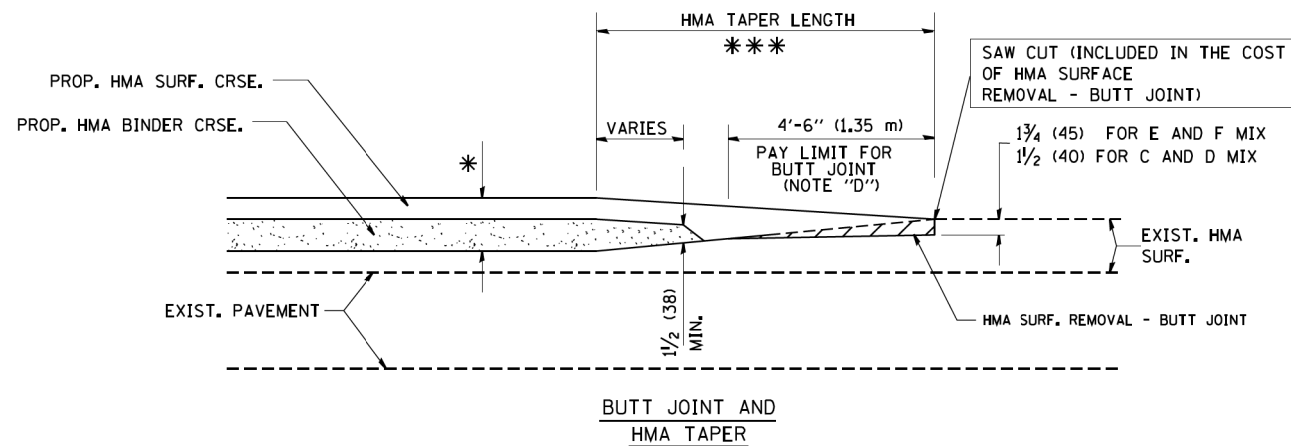
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 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

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USER NAME = gegl1enobt
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PLOT DATE = 1/4/2008

DESIGNED - M. DE YONG
DRAWN -
CHECKED -
DATE - 06-13-90

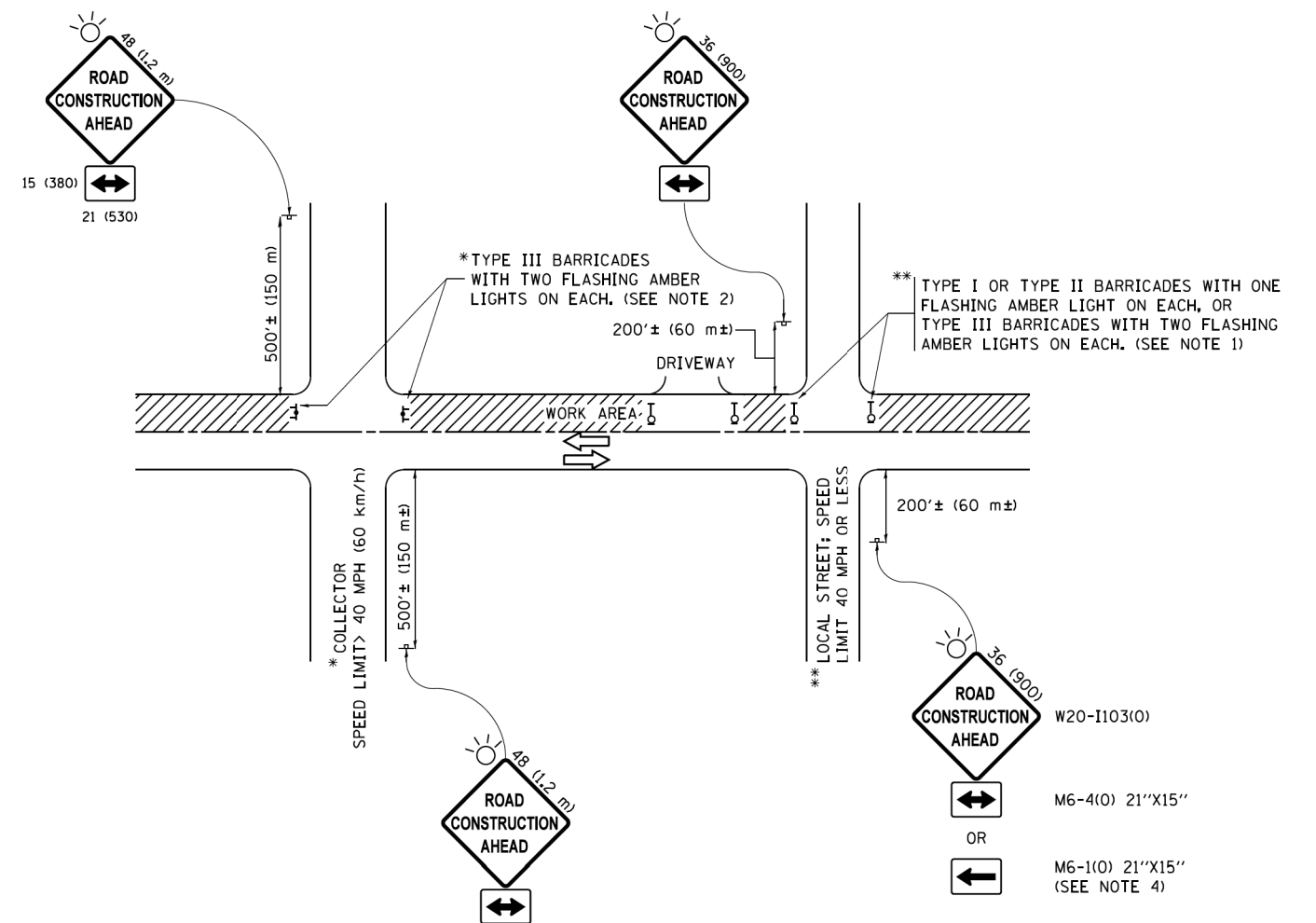
REVISED - R. SHAH 10-25-94
REVISED - A. ABBAS 03-21-97
REVISED - M. GOMEZ 04-06-01
REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	50
BD400-05 BD32			CONTRACT NO. 61H07	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

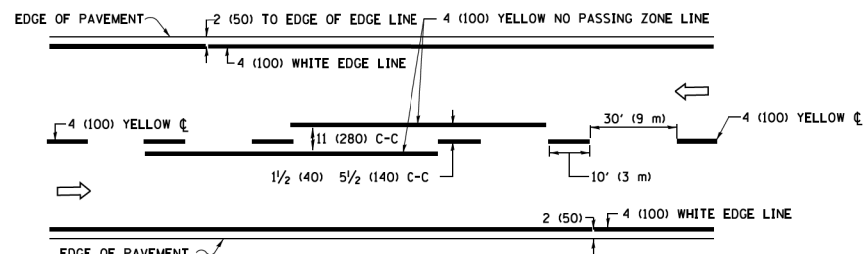
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

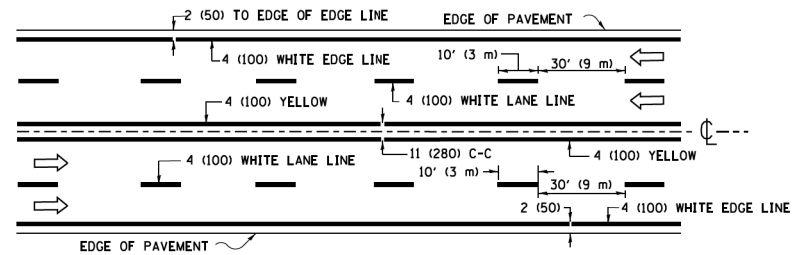
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

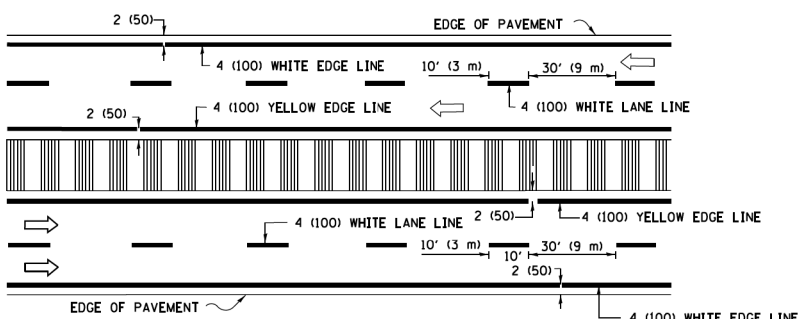
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0001A	17-00129-00 PV	COOK	66	51
TC-10			CONTRACT NO. 61H07	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

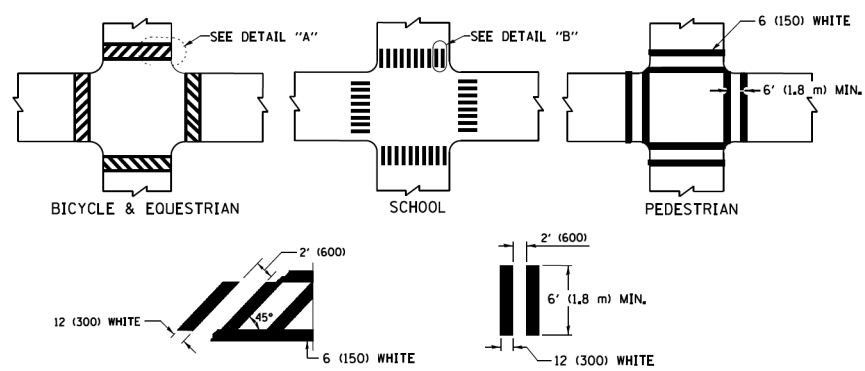


MULTI-LANE UNDIVIDED



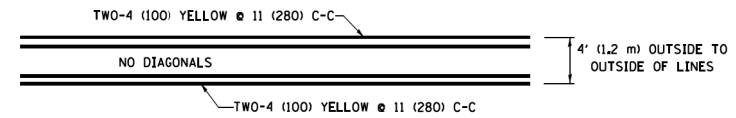
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

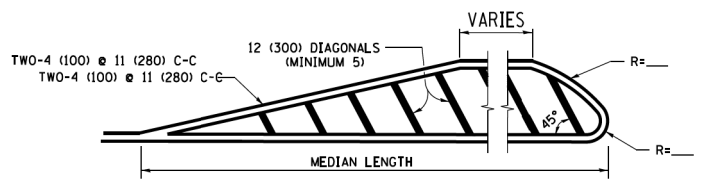


TYPICAL CROSSWALK MARKING

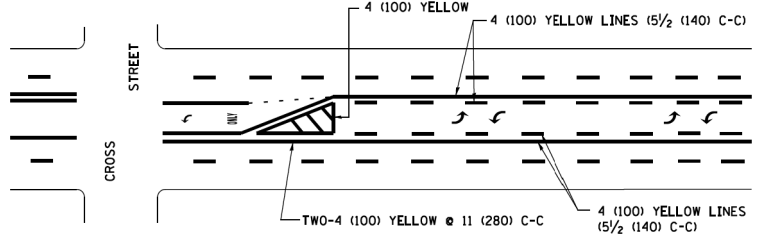
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



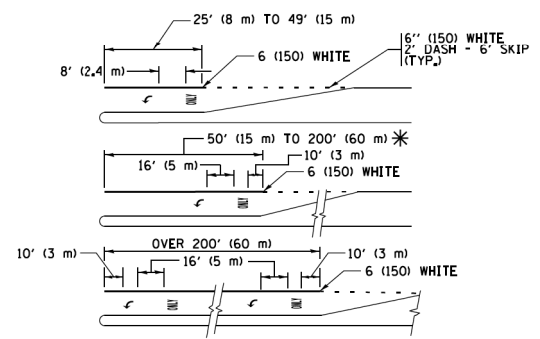
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



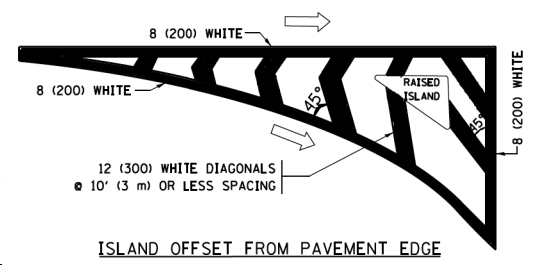
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



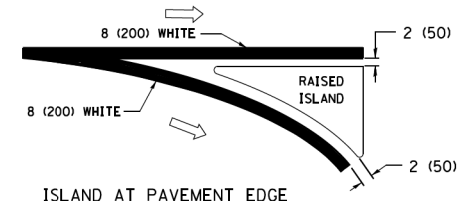
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

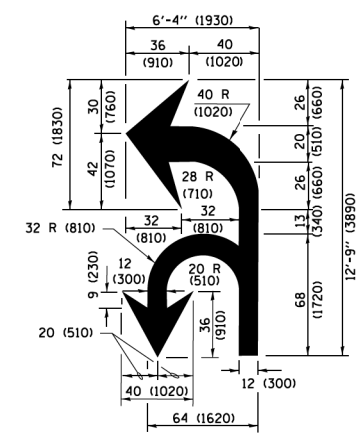
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



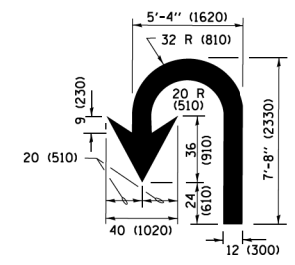
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

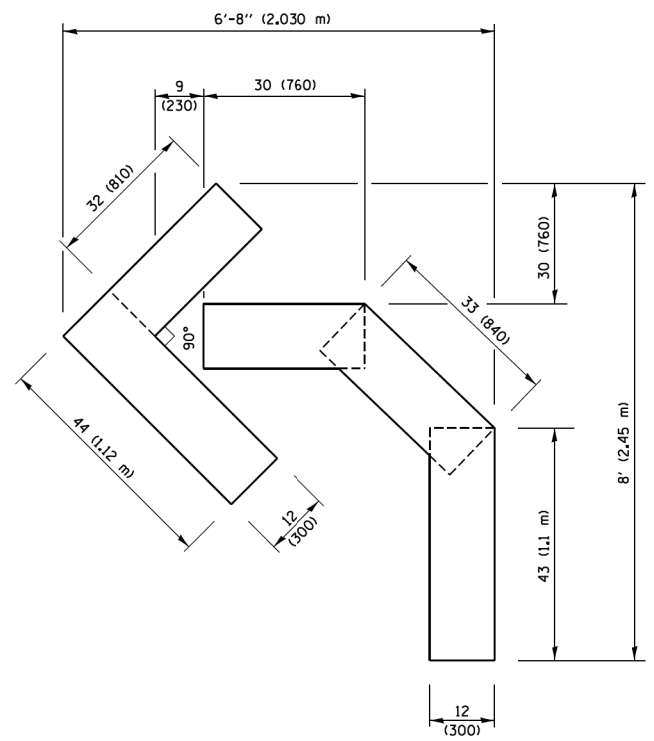
All dimensions are in inches (millimeters) unless otherwise shown.

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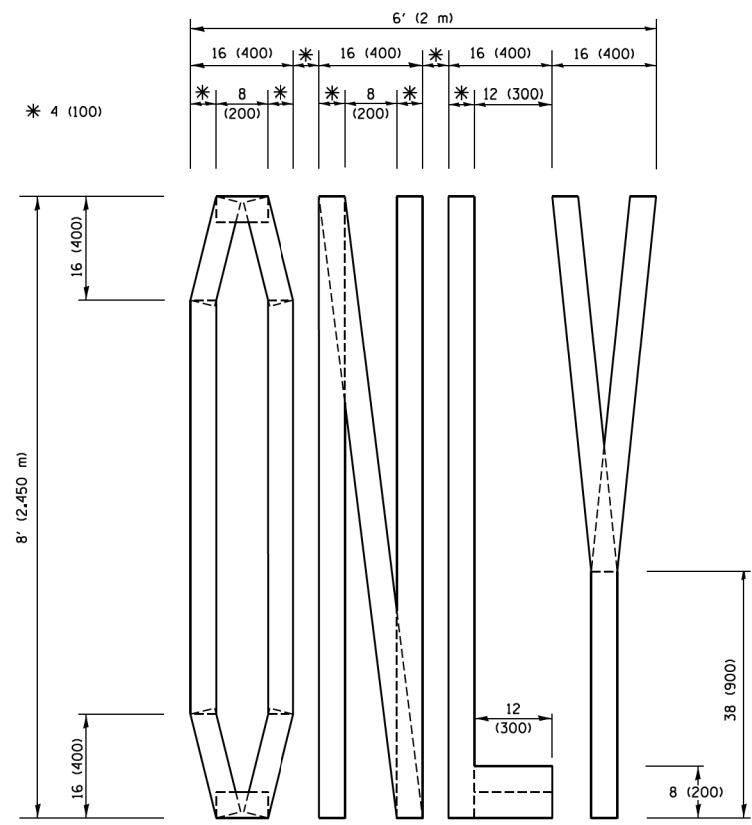
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		0001A	17-00129-00 PV	COOK	66	52
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS/FED. AID PROJECT		

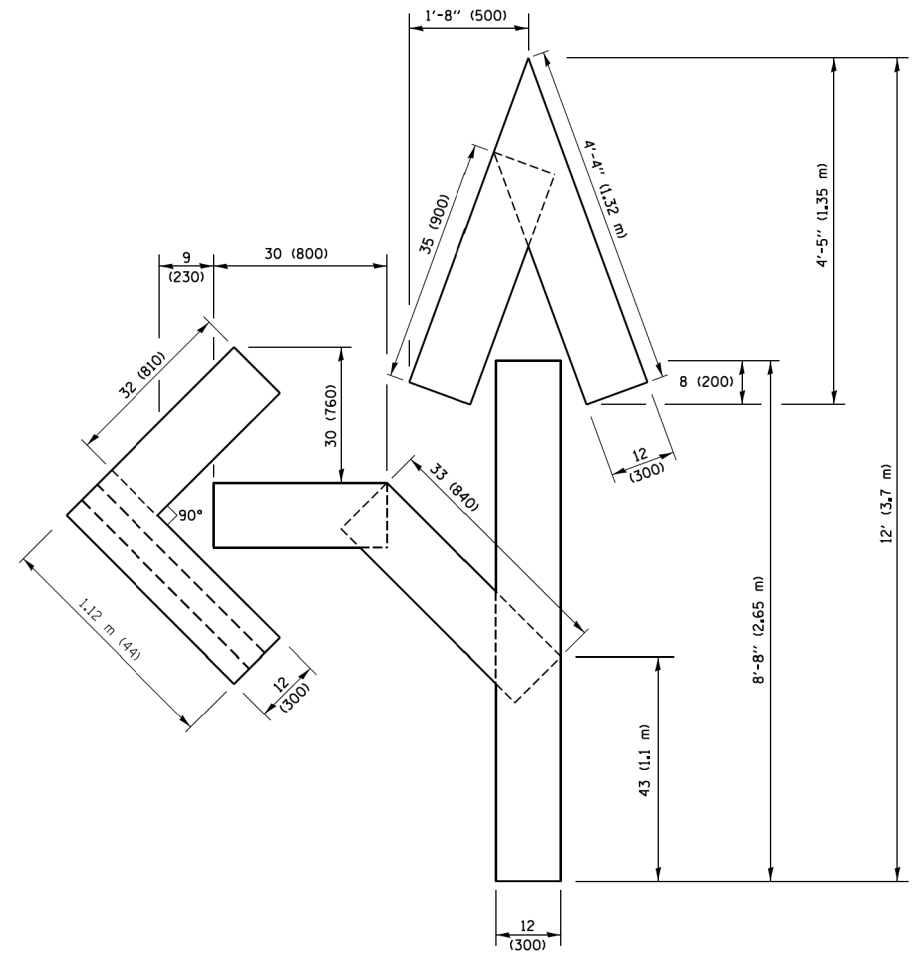
TC-13		CONTRACT NO. 61H07	
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QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

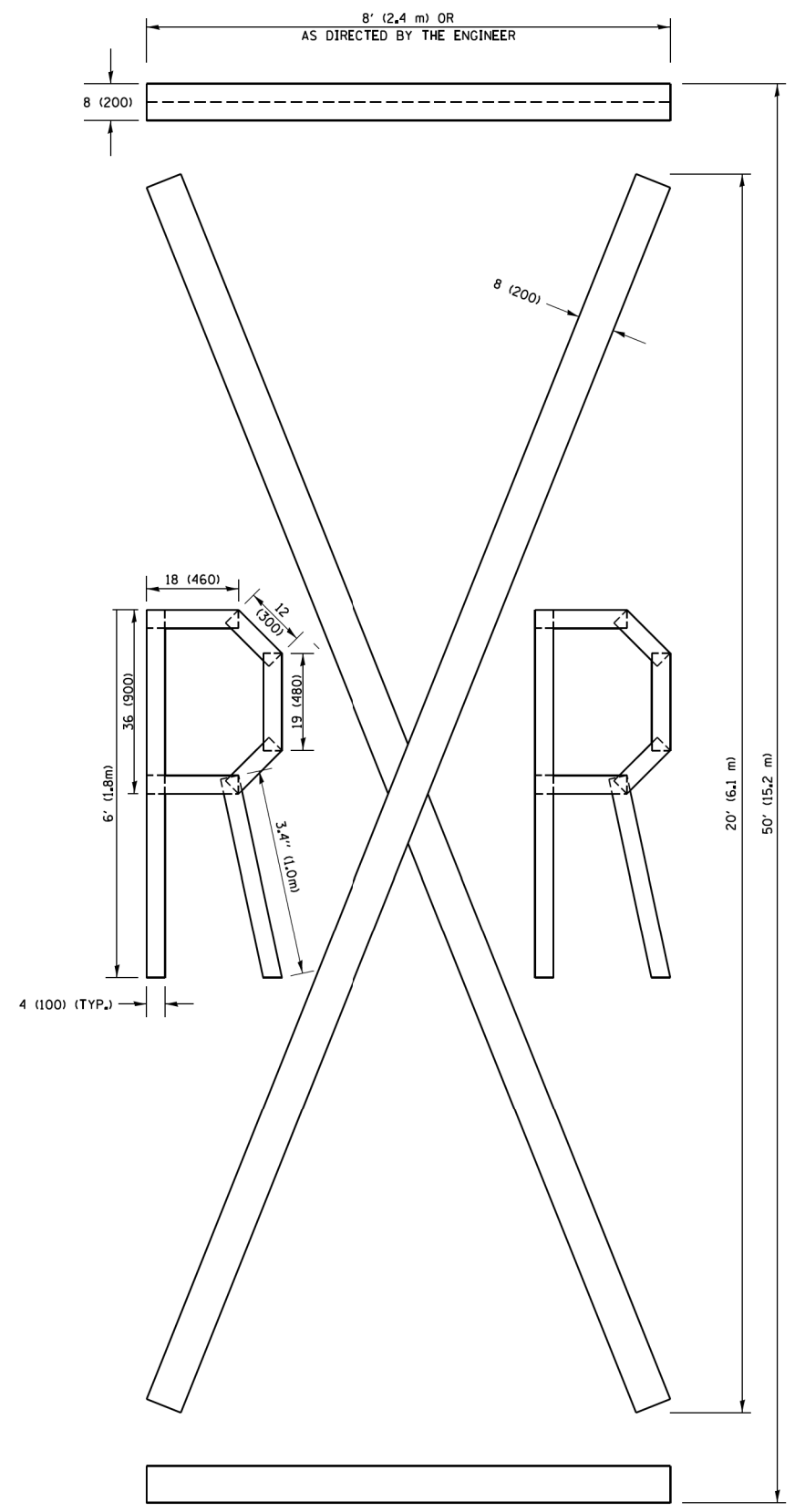


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

FILE NAME =	USER NAME = footemj	DESIGNED -	REVISED -T. RAMMACHER 03-02-98
pw\j\1084E81D\INTEG\illinois.gov\FWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\CADData\CADsheets\tc16.dgn		DRAWN	REVISED -E. GOMEZ 08-28-00
PLOT SCALE = 50,0000 / 1		CHECKED -	REVISED -E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016		DATE -	REVISED -A. SCHUETZE 09-15-16

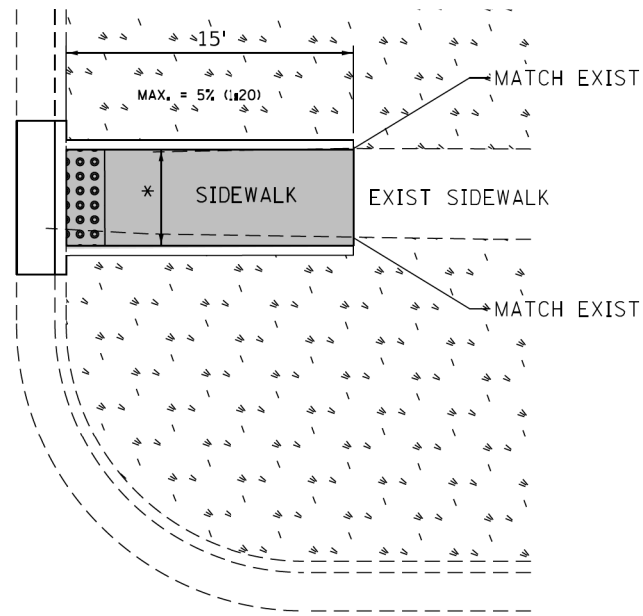
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. N/A	TO STA. N/A

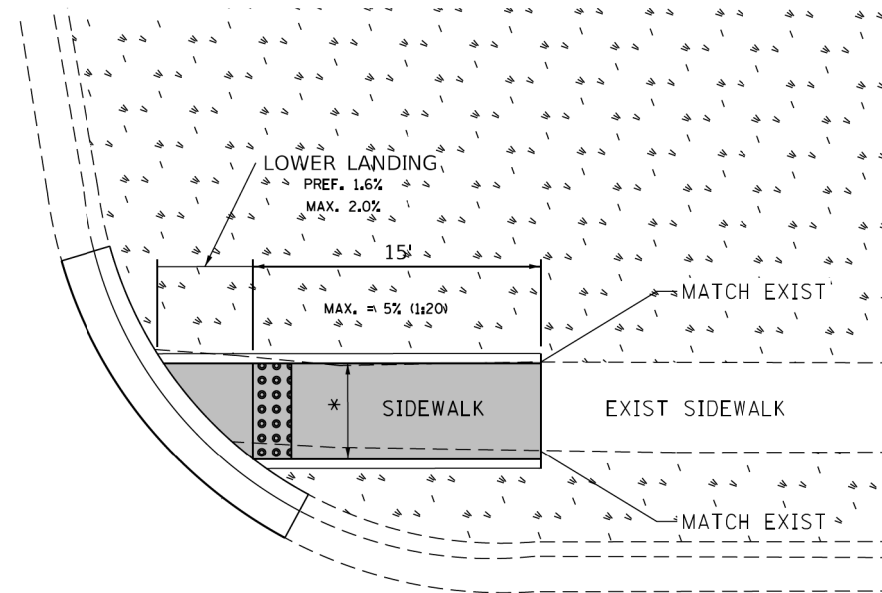
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	53
TC-16		CONTRACT NO. 61H07		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

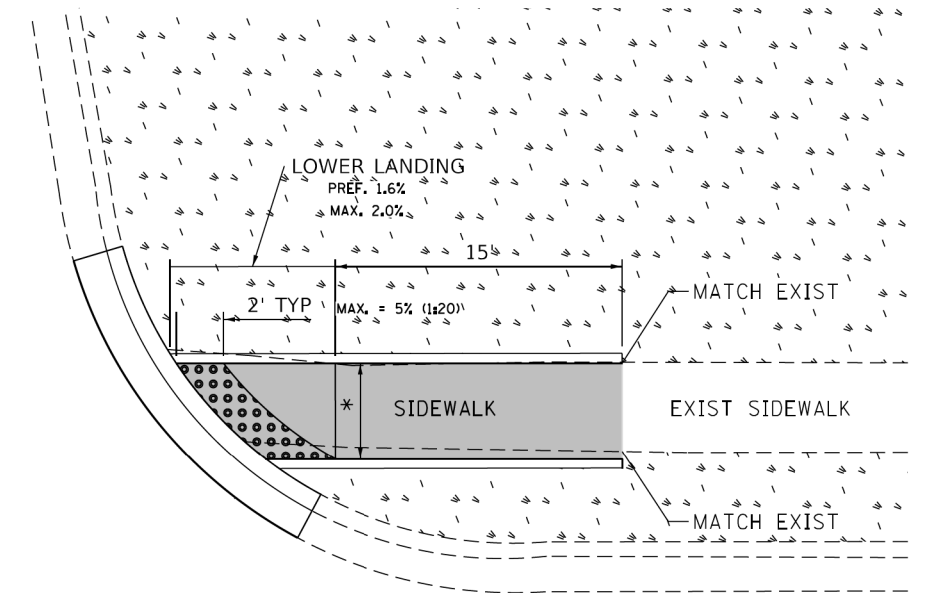
PD-01A







PD-01B



PD-01C



LEGEND

	PROPOSED SIDE CURB		EXIST. GRASS
	PROPOSED SIDEWALK		DETECTABLE WARNINGS

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

FILE NAME =	USER NAME = ldeznerm	DESIGNED -	REVISD -
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Default	PLOT SCALE = 10.0000' / 1in.	CHECKED -	REVISD -
	PLOT DATE = 11/12/2019	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

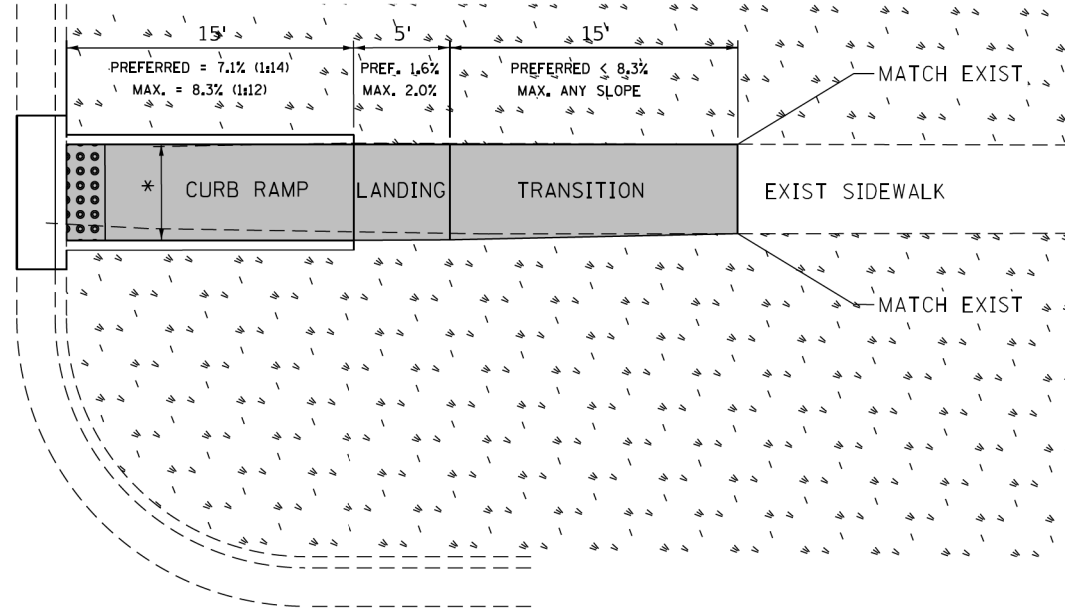
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)

SCALE: N/A SHEET 1 OF 3 SHEETS STA. N/A TO STA. N/A

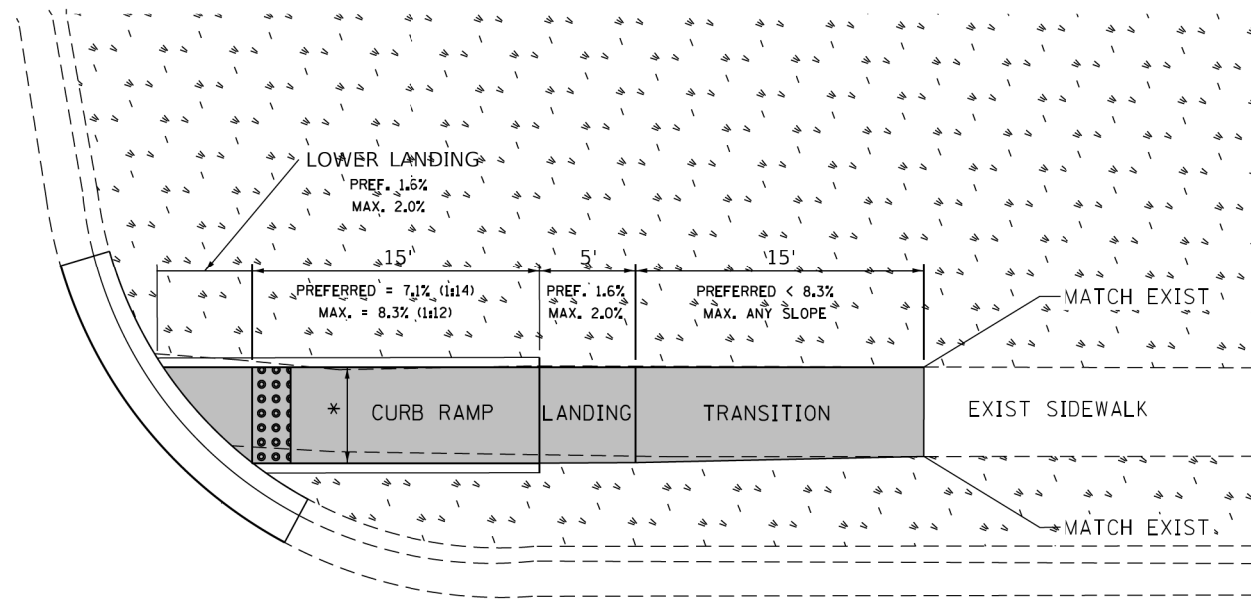
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	54
PD-01			CONTRACT NO. 61H07	
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR GREATER RUN. SLOPE

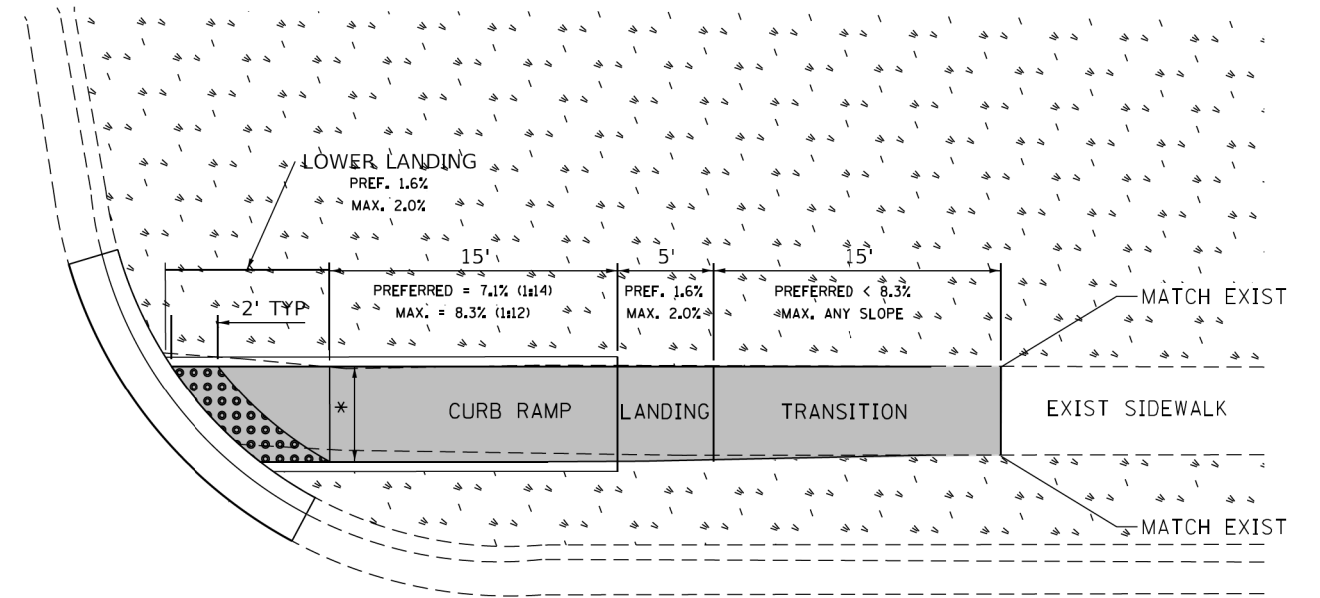
PD-02A



PD-02B



PD-02C



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

FILE NAME =	USER NAME = ldeznerm	DESIGNED -	REVISD -
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Default		CHECKED -	REVISD -
	PLOT DATE = 11/12/2019	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

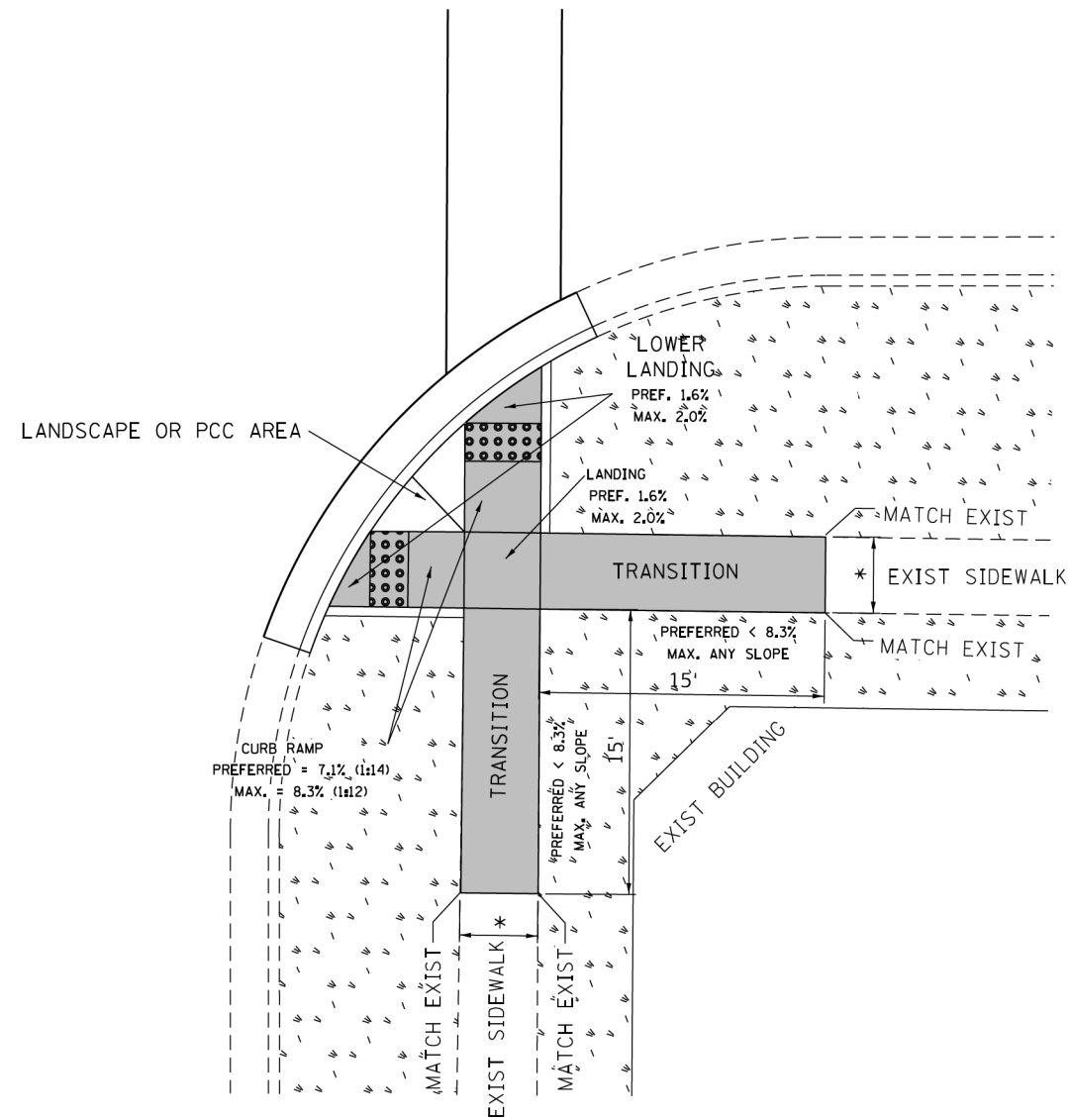
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-02)

SCALE: N/A SHEET 2 OF 3 SHEETS STA. N/A TO STA. N/A

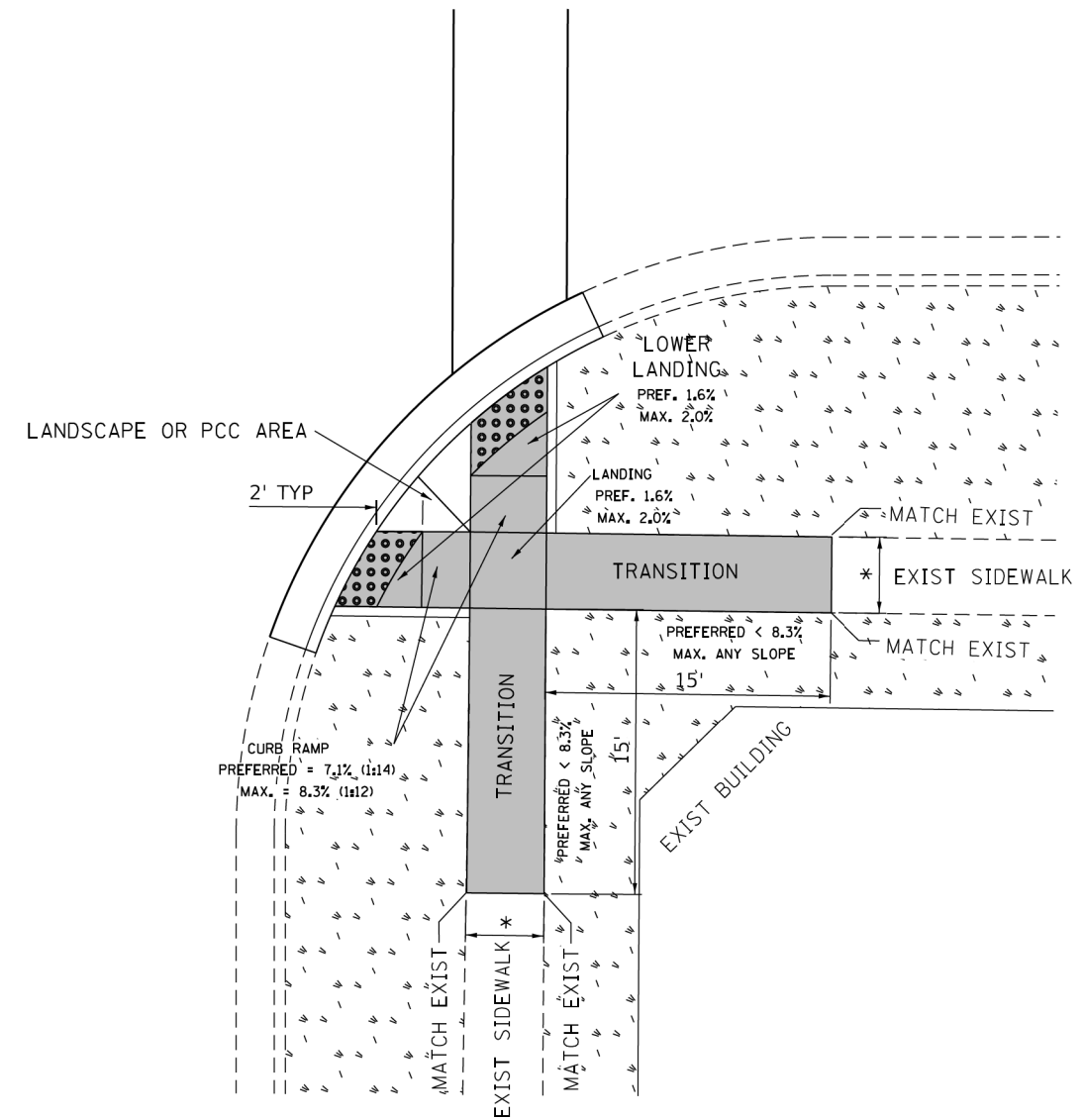
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	55
PD-02		CONTRACT NO. 61H07		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

	PROPOSED SIDE CURB		EXIST. GRASS
	PROPOSED SIDEWALK		DETECTABLE WARNINGS

CONSTRUCTION NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK

* MATCH EXISTING SIDEWALK WIDTH

USER NAME = ledezerm
 thomas engineering group, llc
 21729 W. 111th St.
 Suite 200
 Aurora, Illinois 60018
 phone: 855-537-1770
 FAX: 708-931-1770
 SCALE = 10,000 / 1"

DESIGNED - --- --/--/----
 DRAWN - RL 11/12/2019
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

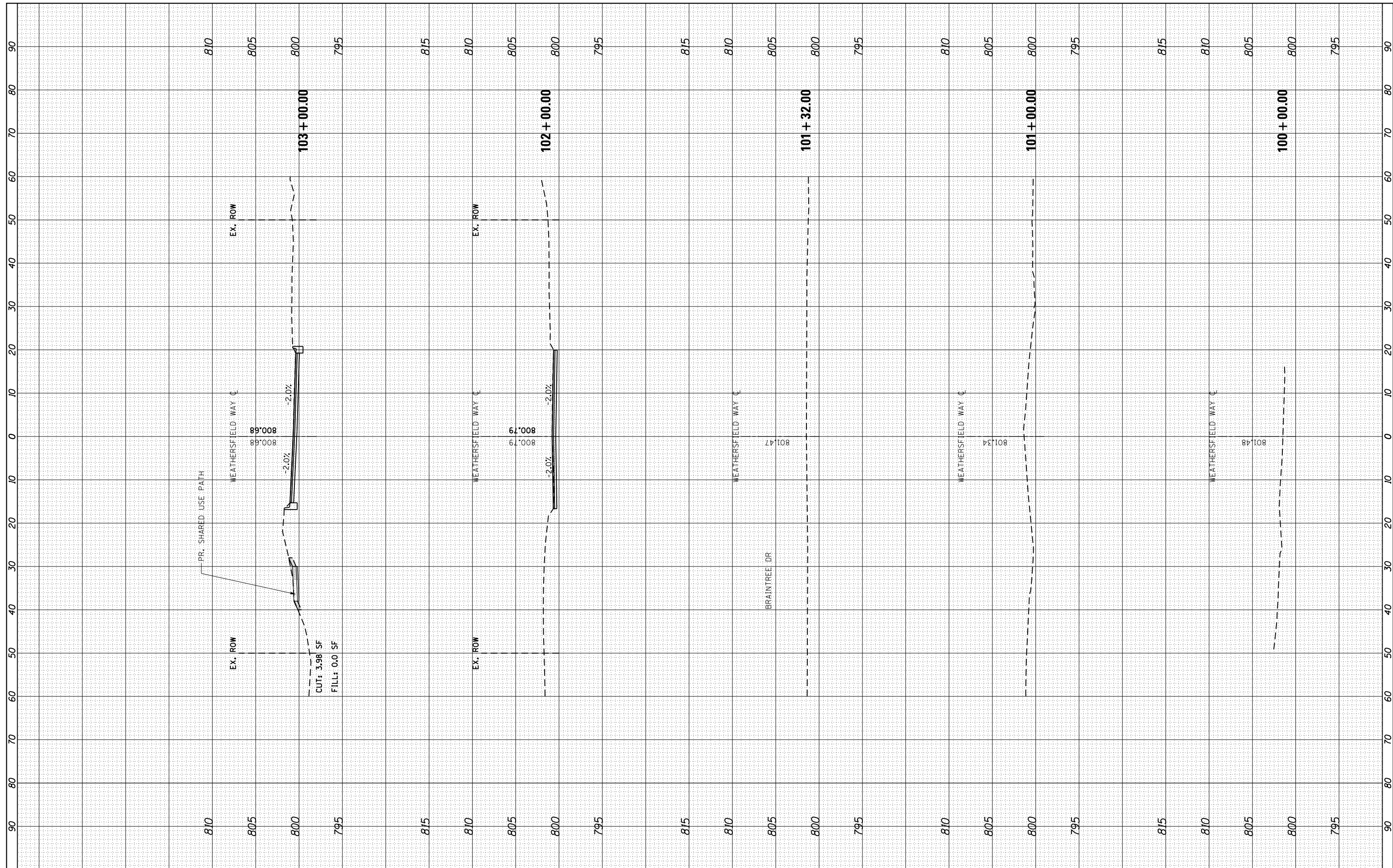
PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS
(PD-03)

SCALE: N/A SHEET 3 OF 3 SHEETS STA. N/A TO STA. N/A

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	56
PD-03		CONTRACT NO. 61H07		
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



FILE NAME = T:\Projects\16-008 Schaumburg Weathersfield Way
 USER NAME = maciejk
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 5/3/2021

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

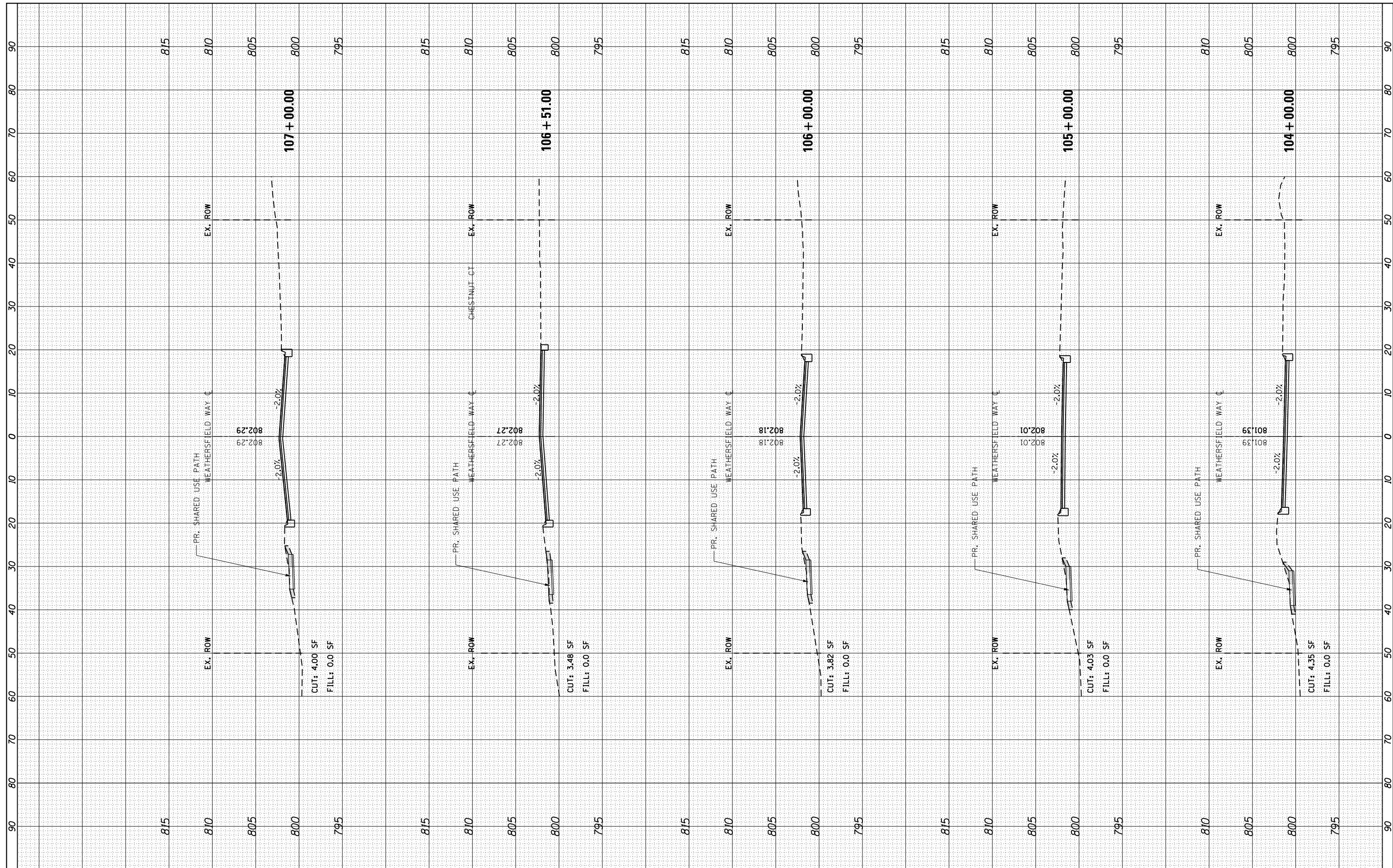
CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 1 OF 10 SHEETS STA. 100+00.00 TO STA. 103+00.00

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	57
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = T:\Projects\16-008 Schaumburg Weathersfield Way

USER NAME = maciej.k
 Resurfacing Project\CADD\Sheets\Z.Weathersfield

DESIGNED -
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 DATE -

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

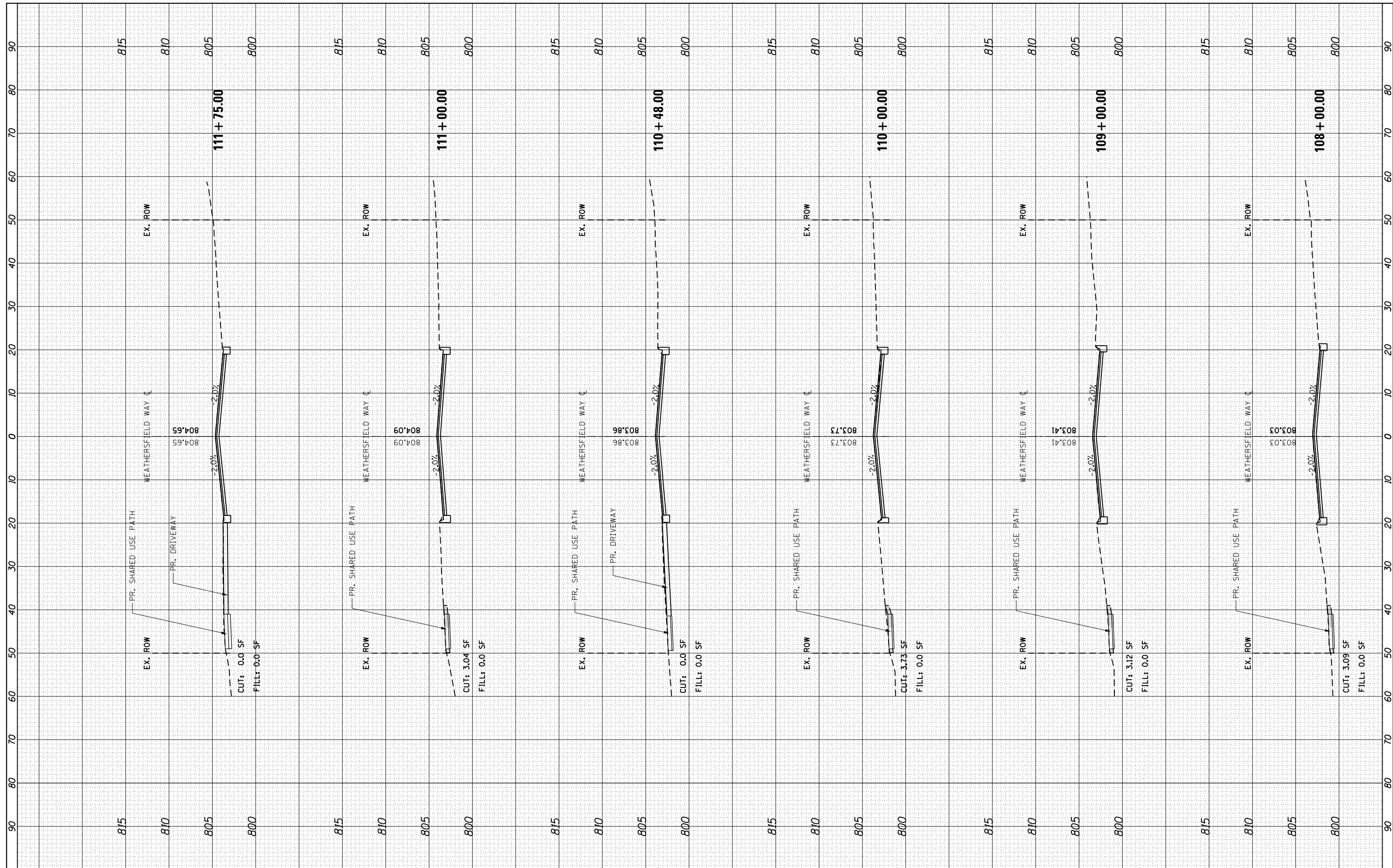
CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 2 OF 10 SHEETS STA. 104+00.00 TO STA. 107+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	58
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = T:\Projects\16-008 Schaumburg Weathersfield Weat
 USER NAME = maciej
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 5/3/2021

DESIGNED -
 CHECKED -
 DATE -

REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

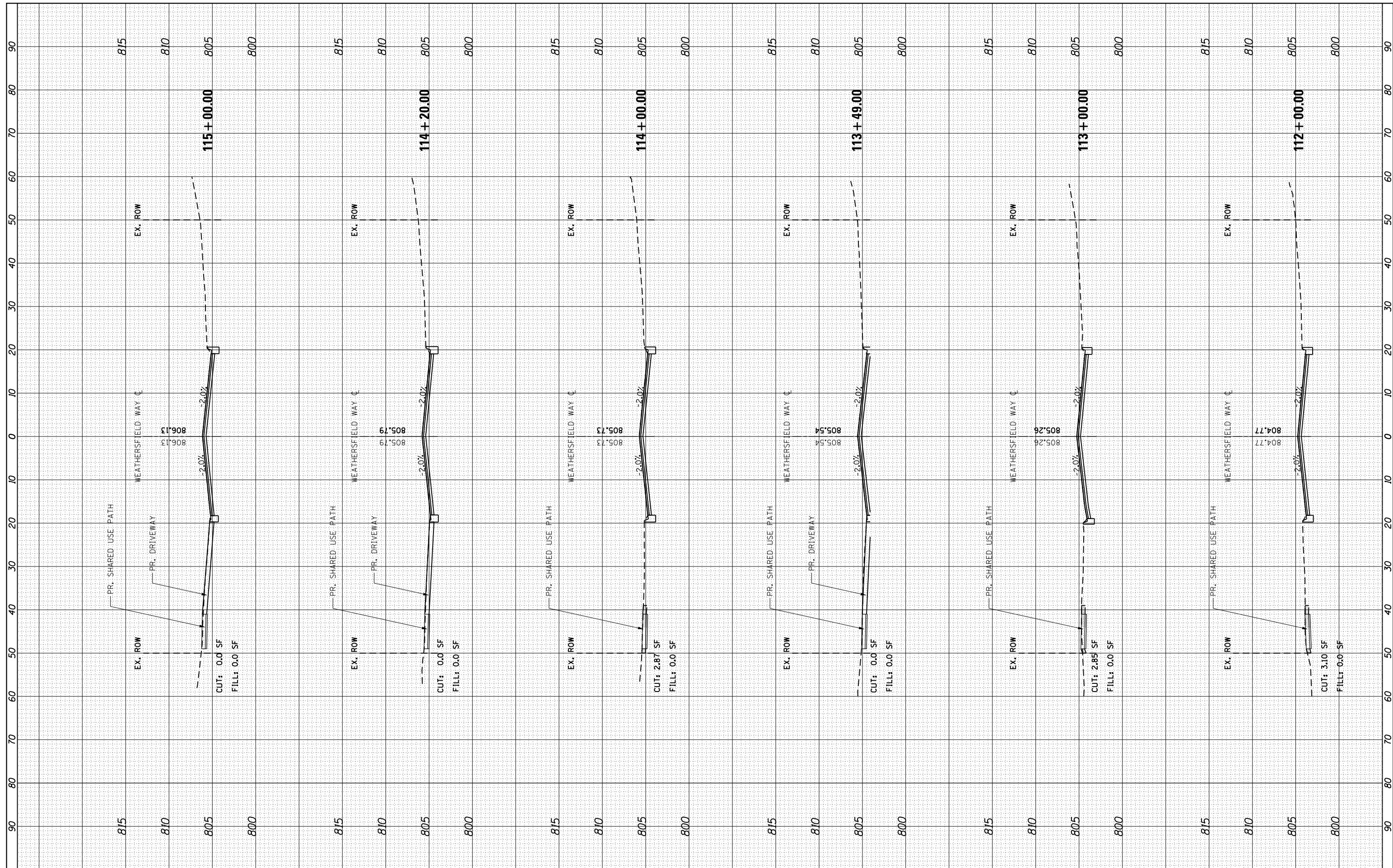
CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 3 OF 10 SHEETS STA. 108+00.00 TO STA. 111+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	59
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = T:\Projects\16-008 Schaumburg Weathersfield Weat
 USER NAME = maciej
 DESIGNED -
 REVISIONS:
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 REVISIONS:
 REVISIONS:
 PLOT SCALE = 20.0000' / in.
 CHECKED -
 DATE -
 PLOT DATE = 5/3/2021

DESIGNED -	REVISIONS -
RESURFACING PROJECT\CAADD\Sheets\Z.Weathersfield\DRAWNSections.dgn	REVISIONS -
CHECKED -	REVISIONS -
DATE -	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

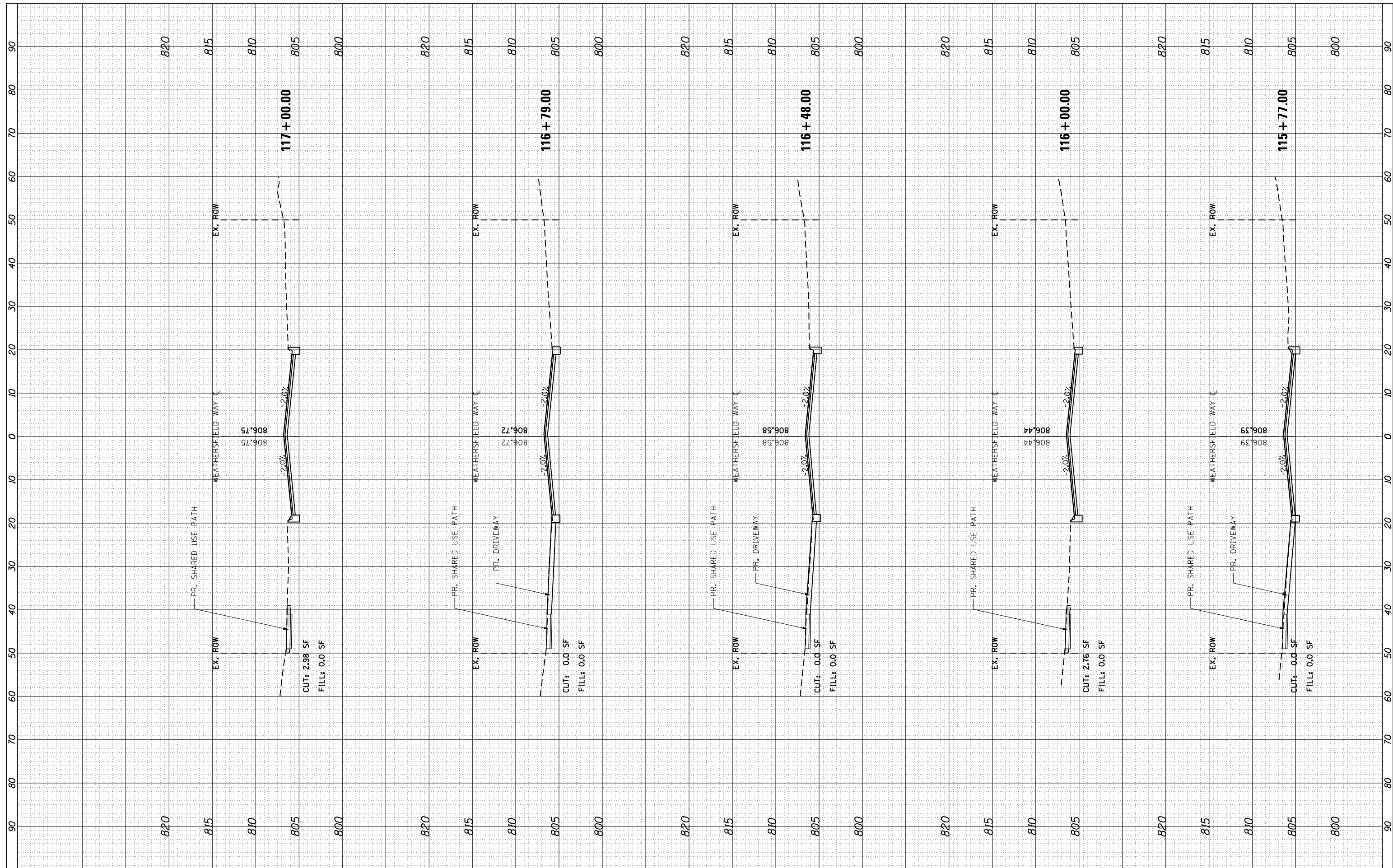
CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 4 OF 10 SHEETS STA. 112+00.00 TO STA. 115+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	60
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = maciej	DESIGNED -	REVISED -
T:\Projects\16-008 Schaumburg Weathersfield Way	Resurfacing Project\CADD\Sheets\Z_Weathersfield	DRAWN	REVISED -
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

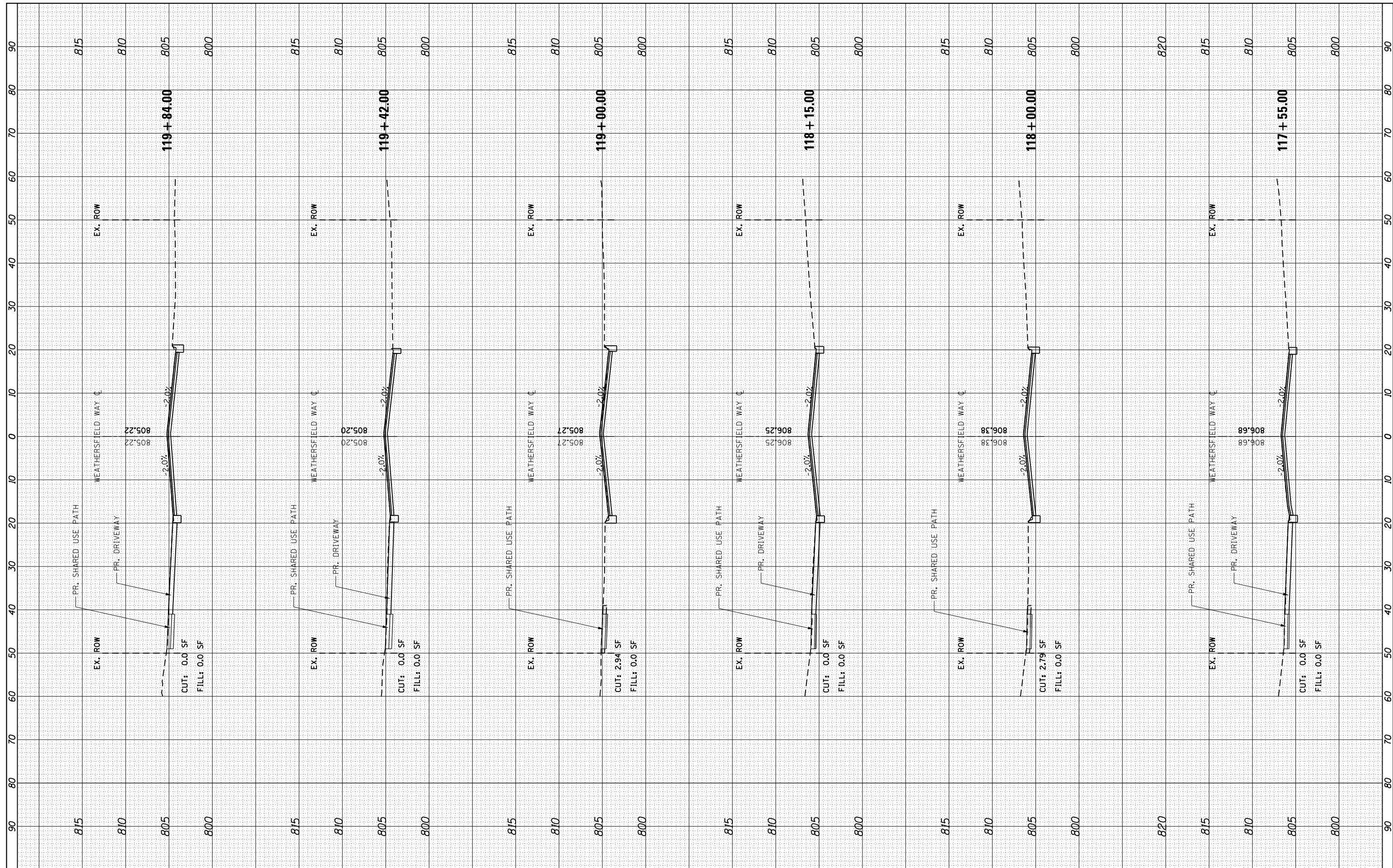
CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 5 OF 10 SHEETS STA. 115+77.00 TO STA. 117+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	61
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = T:\Projects\16-008 Schaumburg Weathersfield Wea

USER NAME = maciejk
 Resurfacing Project\CADD\Sheets\Z_Weathersf

DESIGNED -
 DRAWN Sections.dgn
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

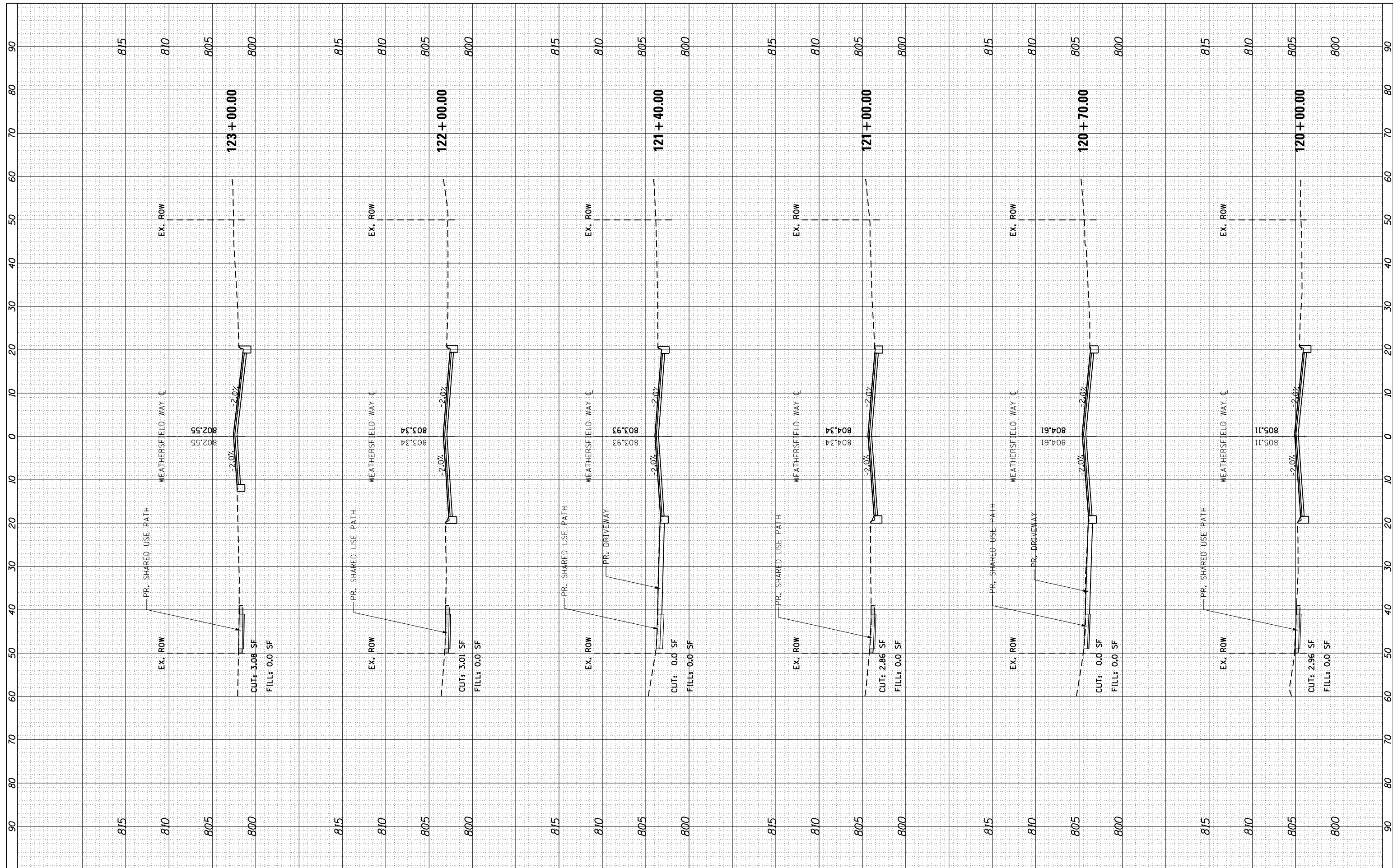
CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 6 OF 10 SHEETS STA. 117+55.00 TO STA. 119+84.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	62
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = T:\Projects\16-008 Schaumburg Weathersfield Way

USER NAME = maciejk
 Resurfacing Project\CADD\Sheets\Z_Weathersfield\Drawn\Sections.dgn
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 5/3/2021

DESIGNED -
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 DATE -

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

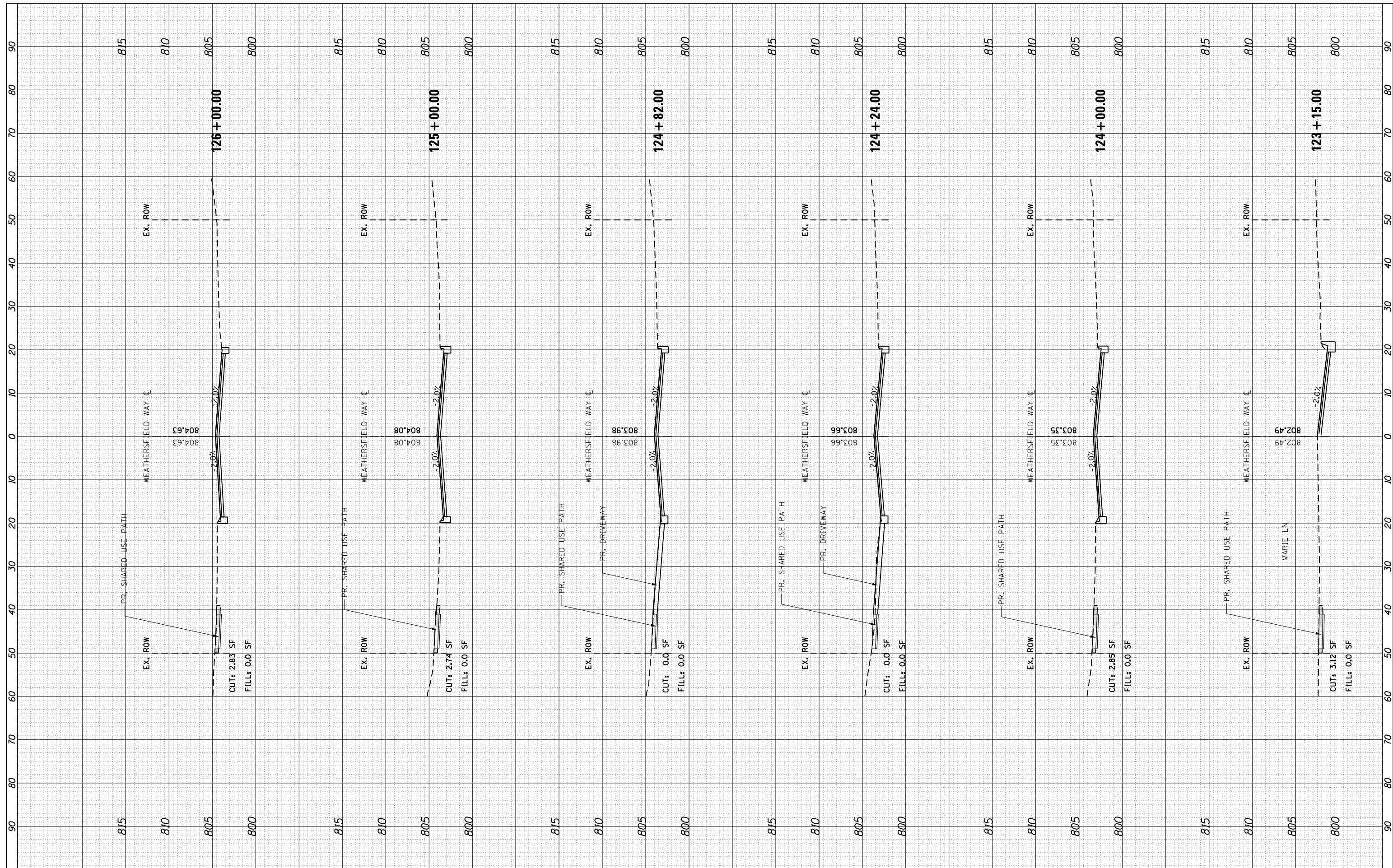
CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 7 OF 10 SHEETS STA. 120+00.00 TO STA. 123+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	63
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = T:\Projects\16-008 Schaumburg Weathersfield Way Resurfacing Project\CADD\Sheets\Z.Weathersfield\Drawn\Sections.dgn

USER NAME = maciej
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 5/3/2021

DESIGNED -
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 DATE -

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

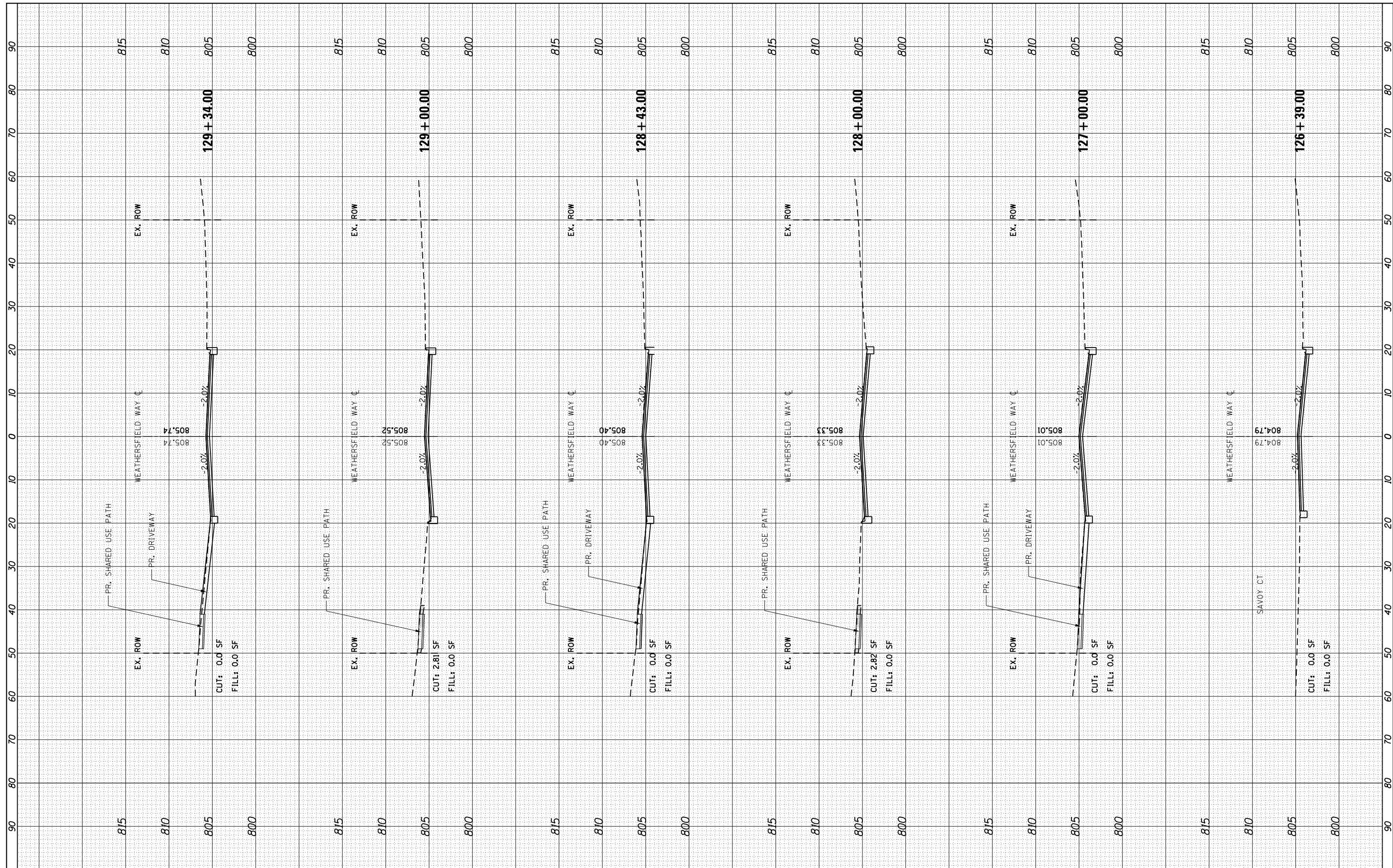
CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 8 OF 10 SHEETS STA. 123+15.00 TO STA. 126+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	64
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = T:\Projects\16-008 Schaumburg Weathersfield Weat
 USER NAME = maciej
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 5/3/2021

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

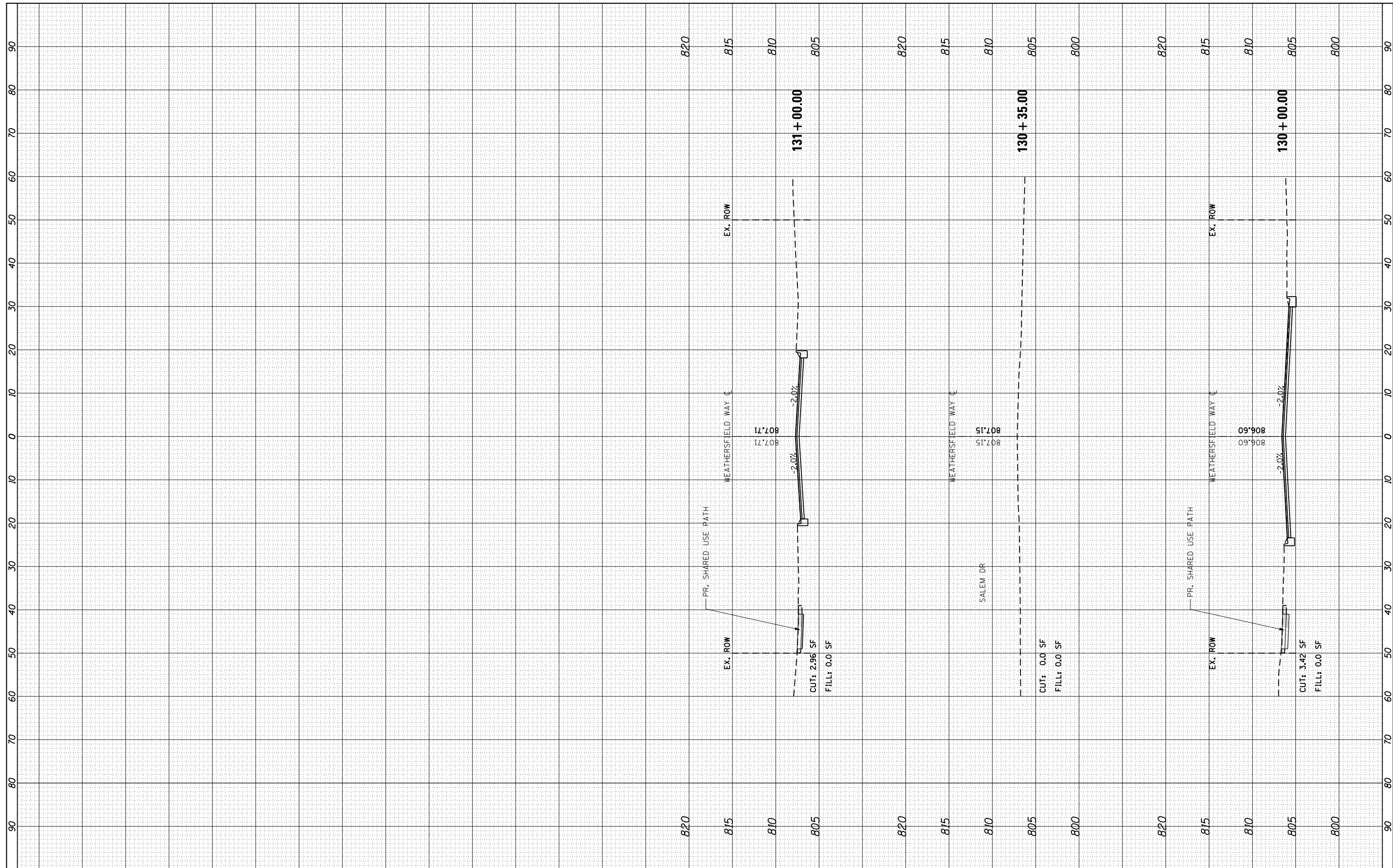
CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 9 OF 10 SHEETS STA. 126+39.00 TO STA. 129+34.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	65
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = T:\Projects\16-008 Schaumburg Weathersfield Weat
 USER NAME = maciej
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 5/3/2021

DESIGNED -	REVIS
RESURFACING PROJECT\CADD\Sheets\Z_Weathersfield	REVIS
DRAWN	REVIS
CHECKED -	REVIS
DATE -	REVIS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: H=1:10 V=1:5 SHEET 10 OF 10 SHEETS STA. 130+00.00 TO STA. 131+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0001A	17-00129-00 PV	COOK	66	66
CONTRACT NO. 61H07				
ILLINOIS FED. AID PROJECT				