

04-26-2024 LETTING ITEM 206

FOR INDEX OF SHEETS SEE SHEET 2

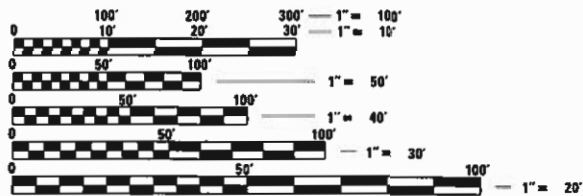
FOR LIST OF APPLICABLE HIGHWAY STANDARDS SEE SHEET 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	1
ILLINOIS CONTRACT NO.			61J08	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
FAU 0369 (CEDAR ROAD) AND FAU 0315 (HAVEN AVENUE)
INTERSECTION IMPROVEMENT
ROUNDBOUT INSTALLATION & RESURFACING
SECTION 19-00043-00-CH
PROJECT NO: Z292(492)
VILLAGE OF NEW LENOX
WILL COUNTY
JOB NO: C-91-245-22

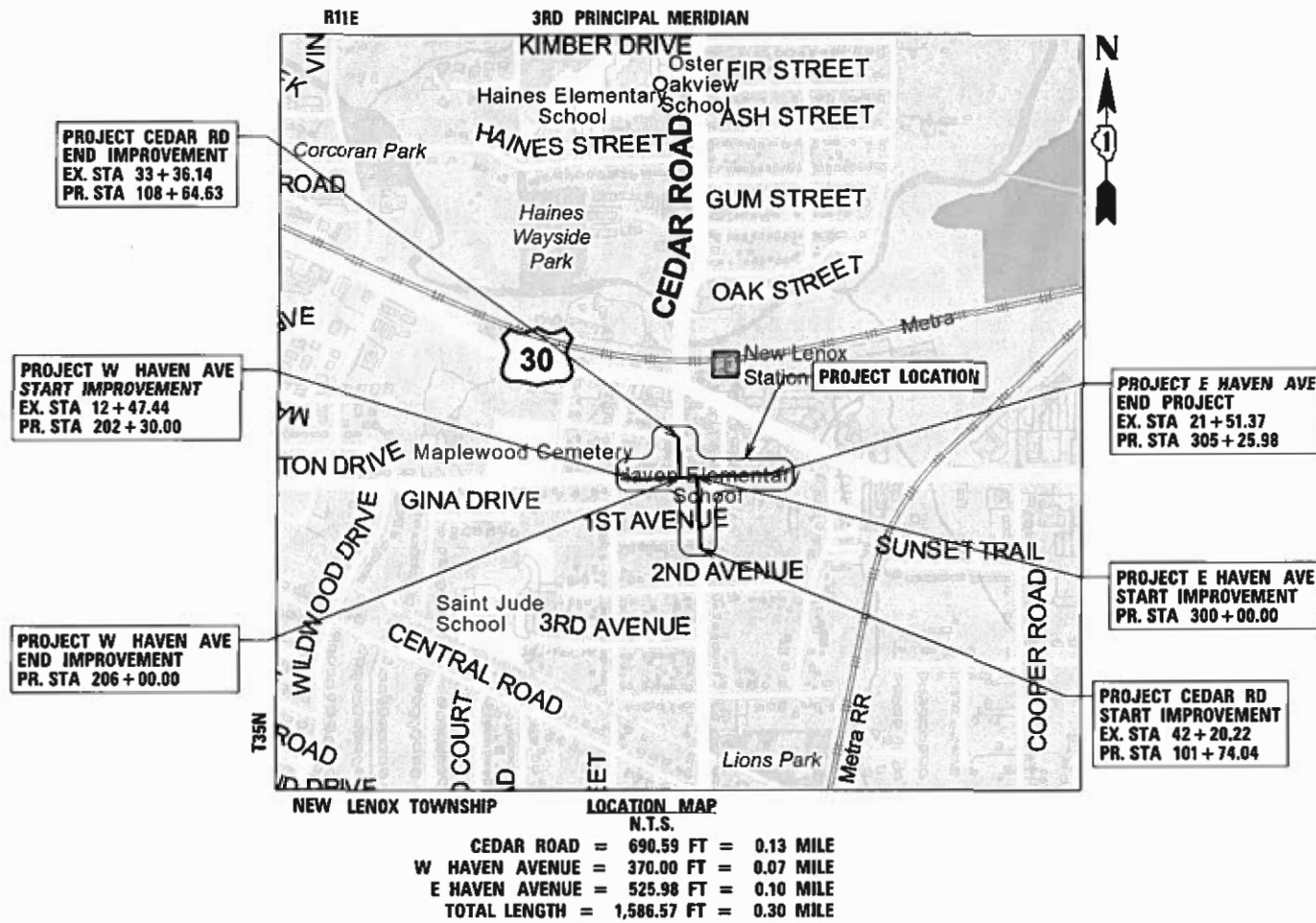
TRAFFIC DATA (HAVEN AVENUE)
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
POSTED SPEED = 25 MPH (HAVEN AVENUE)
ADT = 5,500 (2019, HAVEN AVENUE)
ADT = 6,100 (2050, HAVEN AVENUE)

TRAFFIC DATA (CEDAR ROAD)
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
POSTED SPEED = 30 MPH (CEDAR ROAD)
ADT = 11,000 (2019, CEDAR ROAD, SOUTH OF HAVEN)
ADT = 16,000 (2019, CEDAR ROAD, NORTH OF HAVEN)
ADT = 18,800 (2050, CEDAR ROAD, SOUTH OF HAVEN)
ADT = 11,200 (2050, CEDAR ROAD, NORTH OF HAVEN)



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



NEW LENOX TOWNSHIP
N.T.S.
CEDAR ROAD = 690.59 FT = 0.13 MILE
W HAVEN AVENUE = 370.00 FT = 0.07 MILE
E HAVEN AVENUE = 525.98 FT = 0.10 MILE
TOTAL LENGTH = 1,586.57 FT = 0.30 MILE



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

CONTRACT NO. 61J08

MIROSLAW ANTAS, PE
ILLINOIS REGISTRATION No. 062-060781
EXPIRATION DATE: 11/2025

ANTHONY J. DERICCO, PE
ILLINOIS REGISTRATION No. 062-57484
EXPIRATION DATE: 11/2025

ALEX SCHAEFER, PE
ILLINOIS REGISTRATION No. 062-071146
EXPIRATION DATE: 11/2025

CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850
PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/25

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 6/27/23
VILLAGE OF NEW LENOX MAYOR

PASSED FEB 22, 2024
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW Feb 23 - 2024
REGIONAL ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

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HIGHWAY STANDARDS

000001-08 – STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-07 – TEMPORARY EROSION CONTROL SYSTEMS
424001-11 – PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05 – DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04 – CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424026-03 – ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
424031-02 – MEDIAN PEDESTRIAN CROSSINGS
601001-05 – PIPE UNDERDRAINS
602001-02 – CATCH BASIN TYPE A
602301-04 – INLET – TYPE A
602401-07 – PRECAST MANHOLE TYPE A 4' DIAMETER
602402-03 – PRECAST MANHOLE TYPE A 5' DIAMETER
602601-06 – PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02 – MANHOLE STEPS
604001-05 – FRAME AND LIDS TYPE 1
604036-03 – GRATE TYPE 8
604086-05 – FRAME AND GRATE TYPE 23
604091-05 – FRAME AND GRATE TYPE 24
606001-08 – CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05 – OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02 – OFF-RD OPERATIONS MULTILANE, MORE THAN 15' (4.5 M) AWAY
701301-04 – LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04 – LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03 – LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-05 – LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06 – URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09 – URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10 – URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06 – SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09 – TRAFFIC CONTROL DEVICES
720001-01 – SIGN PANEL MOUNTING DETAILS
720006-04 – SIGN PANEL ERECTION DETAILS
728001-01 – TELESCOPING STEEL SIGN SUPPORT

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BD-7 – DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
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TC-10 – TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13 – DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-21 – DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-26 – DRIVEWAY ENTRANCE SIGNING

COMMITMENTS

- TREES THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH OCTOBER 31ST OF ANY GIVEN YEAR.



USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
	DRAWN - PWN/JRS	REVISED -
PLOT SCALE =	CHECKED - AJS	REVISED -
PLOT DATE = 2/14/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CEDAR ROAD AT HAVEN AVENUE
INDEX OF SHEETS, HIGHWAY STANDARDS,
D1 STANDARDS AND COMMITMENTS**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	2
CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

UTILITIES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ADOPTED JANUARY 1, 2022).
2. THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE AND ENGINEER DO NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
3. THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES AFFECTED BY THE WORK.
4. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 8-1-1 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES (48 HOURS NOTIFICATIONS IS REQUIRED). THE CONTRACTOR SHALL CONTACT IDOT'S BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24 HOURS BEFORE PLACING HOT MIX ASPHALT OR PORTLAND CEMENT CONCRETE.

STAKING

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

WATER FOR CONSTRUCTION PURPOSES

6. THE CONTRACTOR CAN OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NO "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. THE CONTRACTOR MAY OBTAIN WATER ONLY UNDER THE DIRECTION OF THE NEW LENOX PUBLIC WORKS DEPARTMENT AT THE TIME OF CONSTRUCTION. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.

MISCELLANEOUS

7. ALL SAWCUTTING SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL.
8. WHEN REMOVING PAVEMENT, CURB AND GUTTER, SHOULDER, AND/OR OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS, WHICH MIGHT DAMAGE UNDERGROUND PUBLIC OR PRIVATE UTILITIES, WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED. THE CONTRACTOR IS PROHIBITED FROM BREAKING UP CONCRETE BY DROPPING IT ON THE PAVEMENT OR IN ANY OTHER MANNER WHICH MAY DAMAGE EXISTING OR PROPOSED PAVEMENTS OR OTHER ROADWAY APPURTENANCES.
9. NO CONSTRUCTION SHALL BEGIN UNTIL ALL PROPER TEMPORARY SIGNS AND BARRICADES HAVE BEEN INSTALLED.
10. THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL DISTRICT ONE TRAFFIC CONTROL SUPERVISOR KALPANA KANNAN-HOSADURGA AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

11. THE ENGINEER SHALL CONTACT PATRICE HARRIS, IDOT'S AREA TRAFFIC FIELD TECH, VIA E-MAIL AT PATRICE.HARRIS@ILLINOIS.GOV, OR AT (815)485-6475 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
12. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR.
13. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
14. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS OR MAILBOXES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS AND MAILBOXES DURING CONSTRUCTION OPERATIONS. IF EXISTING SIGNS, MAILBOXES, OR MAILBOX POSTS ARE DAMAGED DURING THE REMOVAL AND REPLACEMENT PROCESS, THE SIGN, MAILBOX, OR MAILBOX POST SHALL BE REPLACED.
15. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
16. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

17. ANY AGGREGATE SUBGRADE IMPROVEMENT OR AGGREGATE BASE COURSE CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER.
18. AT THE END OF EACH DAY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT ALL STREETS, SIDEWALKS, AND PARKING LOTS ADJACENT TO THE PROJECT ARE FREE OF ALL CONSTRUCTION RELATED DEBRIS INCLUDING DIRT, STONE, NAILS, ETC.
19. PAVEMENT AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE, AND, IF DAMAGED, SHALL BE REPLACED PROMPTLY BY THE CONTRACTOR IN CONFORMANCE WITH IDOT STANDARD SPECIFICATIONS IN MATERIALS AND WORKMANSHIP.
20. ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

DRAINAGE AND UTILITIES GENERAL NOTES

21. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLAN, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE.

22. THE CONTRACTOR SHALL CONFIRM ALL SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES. ANY MODIFICATIONS OF STRUCTURES DUE TO THE FAILURE OF THE CONTRACTOR TO PERFORM THIS TASK MAY LEAD TO THE REJECTION OF THE STRUCTURE IN THE FIELD.
23. ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR. THIS WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE ENGINEER.
24. THE EXISTING STORM SEWER TO REMAIN SHALL BE INSPECTED BY THE CONTRACTOR BEFORE CONSTRUCTION STARTS. ANY EXISTING ACCUMULATED MATERIAL SHALL BE DOCUMENTED BY THE CONTRACTOR. ANY UNDOCUMENTED ACCUMULATION OF MATERIAL FOUND IN THE STRUCTURES OR PIPES AFTER CONSTRUCTION IS COMPLETED SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE.
25. DURING THE CONSTRUCTION OPERATIONS WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS CAUSED BY THE CONSTRUCTION.
26. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.

WATER MAIN

27. FOR WATER MAIN SHUT OFFS, THE CONTRACTOR SHALL GIVE THE VILLAGE A MINIMUM OF 48 HOURS NOTICE TO THE WATER DEPARTMENT SUPERINTENDENT (CHRIS SKINIOTES – 815-215-4800). THE VILLAGE SHALL PROVIDE NOTIFICATION FORMS AND DETERMINE THE LIMIT OF THE AFFECTED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTION OF THE NOTIFICATION FORMS TO ALL AFFECTED RESIDENTS. THERE WILL BE NO SHUT DOWN OF MAINS BETWEEN FRIDAY 12 AM THROUGH MONDAY AT 7 AM OR ON OBSERVED HOLIDAYS AND SUNDAY.
28. THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE VILLAGE PUBLIC WORKS DEPARTMENT. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.
29. WATER MAIN SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5.5' BELOW FINISHED GRADE AND NO DEEPER THAN 8' FROM FINISHED GRADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE WATER DEPARTMENT SUPERINTENDENT (CHRIS SKINIOTES – 815-215-4800).
30. CHANGES IN DIRECTION OF WATER MAIN SHALL BE INSTALLED WITH APPROVED RETAINER FITTINGS AND THRUST BLOCKING. TWO BELLS BEFORE AND AFTER ANY FITTING OR VALVE SHALL HAVE PUSH-ON JOINT RESTRAINT GASKETS INSTALLED.
31. PRESSURE TESTING OF WATER MAIN SHALL INCLUDE HYDRANTS BY PRESSURE TESTING AGAINST INTERNAL VALVE OF HYDRANT.
32. ALL EXISTING BUFFALO BOXES LOCATED IN DRIVEWAYS AND SIDEWALKS SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER.
33. ALL EXISTING WATER MAIN TO BE TAKEN OUT OF SERVICE AFTER ACCEPTANCE OF NEW WATER MAIN SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE DIRECTED BY THE VILLAGE. ALL ABANDONED WATER MAIN SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FEET OF NON-SHRINK CONCRETE/MORTAR PLUGS.
34. PAY LIMITS FOR REMOVAL AND REPLACEMENT OF WATER SERVICES EXTEND FROM THE MAIN TO THE B-BOX OR WATER METER. ANY WORK REQUIRED BEYOND THESE PAY LIMITS DUE TO DAMAGE OR BREAKAGE BY CONTRACTOR SHALL BE REPAIRED.

35. ALL WATER SERVICES ON STREETS WITH WATER MAIN REPLACEMENT SHALL BE REPLACED TO THE BUFFALO BOX OR WATER METER.
36. WATER MAIN FITTINGS (I.E. BENDS, ELBOWS, TEES, REDUCERS, CUT IN SLEEVES, ETC.) MAY NOT BE SPECIFICALLY REFERENCED ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE REQUIRED FITTINGS.

IEPA WATER MAIN PROTECTION NOTES


HORIZONTAL SEPARATION

1. WATER MAINS SHALL BE LAID AT LEAST TEN (10'-0") FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN, STORM SEWER, SANITARY SEWER, OR SEWER SERVICES CONNECTION.
2. WATER MAINS MAY BE LAID CLOSER THAN TEN (10'-0") FEET TO A SEWER LINE WHEN:
 - A. LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN (10'-0") FEET;
 - B. THE WATER MAIN INVERT IS AT LEAST EIGHTEEN (18") ABOVE THE CROWN OF THE SEWER; AND
 - C. THE WATER MAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER.
3. BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE CONSTRUCTED WITH PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN IT IS IMPOSSIBLE TO MEET 1. OR 2. ABOVE. THE DRAIN OR SEWER SHALL BE PRESSURE TESTED TO THE MAXIMUM EXPECTED SURCHARGE HEAD BEFORE BACKFILLING.

VERTICAL SEPARATION

1. A WATER MAIN SHALL BE LAID SO THAT ITS INVERT IS EIGHTEEN (18") INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS, OR SEWER SERVICE CONNECTIONS. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN TEN (10'-0") FEET HORIZONTALLY OF ANY SEWER OR DRAIN CROSSED. A LENGTH OF WATER MAIN PIPE SHALL BE ENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANCE FROM THE SEWER OR DRAIN.
2. BOTH THE WATER MAINS AND SEWER SHALL BE CONSTRUCTED WITH SEWER PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION WHEN:
 - A. IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN 1. ABOVE; OR
 - B. THE WATER MAIN PASSES UNDER A SEWER OR DRAIN.
3. A VERTICAL SEPARATION OF EIGHTEEN (18") INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATERMAIN CROSSES UNDER A SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATER MAIN.
4. CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE NORMAL DISTANCE FROM THE WATERMAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN (10'-0") FEET.

FOR STORM SEWER AND WATER MAIN CROSSINGS, REINFORCED CONCRETE PIPE WITH RUBBER GASKETS MEETING ASTM C-443 SHALL BE ALLOWED.

 CHRISTOPHER B. BURKE ENGINEERING, LTD. 4023 W. 109th Street, Suite 201 Lockport, IL 60441 (815) 770-2850	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE GENERAL NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - AJS	REVISED -		0315	19-00043-00-CH	WILL	101	3			
	PLOT DATE = 2/14/2024	DATE -	REVISED -		SCALE: N.T.S.		SHEET 1	OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 61J08		
	ILLINOIS FED. AID PROJECT											

FUNDING SOURCE					STP		
					80% FED 20% LOCAL		
CONSTRUCTION TYPE CODE					0004	0021	0042
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAINEES	
~ 20101100	TREE TRUNK PROTECTION	EACH	20	20			
~ 20101200	TREE ROOT PRUNING	EACH	5	5			
~ 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	3	3			
~ 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	5			
20200100	EARTH EXCAVATION	CU YD	3096	3096			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	633	633			
20800150	TRENCH BACKFILL	CU YD	880	872	8		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7590	7590			
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1149	1149			
~ 25000110	SEEDING, CLASS 1A	ACRE	1.3	1.3			
~ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	117	117			
~ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	117	117			
~ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	117	117			
~ 25100630	EROSION CONTROL BLANKET	SQ YD	6292	6292			
~ 25200110	SODDING, SALT TOLERANT	SQ YD	900	900			
~ 25200200	SUPPLEMENTAL WATERING	UNIT	25	25			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	130	130			
28000305	TEMPORARY DITCH CHECKS	FOOT	60	60			

~ DENOTES SPECIALTY ITEM

FUNDING SOURCE					STP		
					80% FED 20% LOCAL		
CONSTRUCTION TYPE CODE					0004	0021	0042
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAINEES	
28000400	PERIMETER EROSION BARRIER	FOOT	2700	2700			
28000510	INLET FILTERS	EACH	43	43			
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	3150	3150			
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	633	633			
31101191	SUBBASE GRANULAR MATERIAL, TYPE B 3"	SQ YD	1700	1700			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	336	336			
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	7590	7590			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4253	4253			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1	1			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	17	17			
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	2732	2732			
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	717	717			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	20	20			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	74	74			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	13260	13260			
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1570	1570			
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	470	470			
42400800	DETECTABLE WARNINGS	SQ FT	250	250			

~ DENOTES SPECIALTY ITEM

FUNDING SOURCE					STP		
					80% FED 20% LOCAL		
CONSTRUCTION TYPE CODE					0004	0021	0042
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAINEES	
44000100	PAVEMENT REMOVAL	SQ YD	5723	5723			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	290	290			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1619	1619			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1785	1785			
44000600	SIDEWALK REMOVAL	SQ FT	12100	12100			
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	60	60			
50901760	PIPE HANDRAIL	FOOT	16	16			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	138	138			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	207	207			
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	832	832			
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	44	44			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	68	68			
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	540	540			
55100300	STORM SEWER REMOVAL 8"	FOOT	74	74			
55100400	STORM SEWER REMOVAL 10"	FOOT	393	393			
55100500	STORM SEWER REMOVAL 12"	FOOT	145	145			
55100900	STORM SEWER REMOVAL 18"	FOOT	134	134			
55101100	STORM SEWER REMOVAL 21"	FOOT	608	608			

~ DENOTES SPECIALTY ITEM

FUNDING SOURCE					STP		
					80% FED 20% LOCAL		
CONSTRUCTION TYPE CODE					0004	0021	0042
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAINEES	
~ 56103000	DUCTILE IRON WATER MAIN 6"	FOOT	34	34			
~ 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	322	322			
~ 56105200	WATER VALVES 12"	EACH	2	2			
~ 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	2	2			
~ 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2	2			
~ 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	12	12			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	4	4			
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	24	24			
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1			
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10	10			
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9			
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	2	2			
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1	1			
~ 60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2			
60500040	REMOVING MANHOLES	EACH	5	5			
60500050	REMOVING CATCH BASINS	EACH	8	8			
60500060	REMOVING INLETS	EACH	2	2			
60600605	CONCRETE CURB, TYPE B	FOOT	413	413			

~ DENOTES SPECIALTY ITEM

FUNDING SOURCE					STP		
					80% FED 20% LOCAL		
CONSTRUCTION TYPE CODE					0004	0021	0042
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAINEES	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3518	3518			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	66	66			
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	370	370			
63200310	GUARDRAIL REMOVAL	FOOT	44	44			
67100100	MOBILIZATION	L SUM	1	1			
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	840	840			
~ 72000100	SIGN PANEL - TYPE 1	SQ FT	336	336			
~ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	625	625			
~ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	162	162			
~ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3432	3432			
~ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	160	160			
~ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	699	699			
~ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	42	42			
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	86	86			
~ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1		1		
~ 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1		
~ 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	420		420		
~ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	40		40		

~ DENOTES SPECIALTY ITEM

FUNDING SOURCE					STP		
					80% FED 20% LOCAL		
CONSTRUCTION TYPE CODE					0004	0021	0042
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAINEES	
~ 81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	1610		1610		
~ 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	280		280		
~ 81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	5		5		
~ 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	8060		8060		
~ 81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	560		560		
~ 82500370	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	1		1		
~ 83006300	LIGHT POLE, ALUMINUM, 30 FT. M.H., 8 FT. MAST ARM	EACH	12		12		
~ 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	80		80		
~ 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	12		12		
X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	2	2			
X5510011	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	2	2			
X5220101	RETAINING WALL REMOVAL	SQ FT	315	315			
X5091600	STEEL RAILING REMOVAL	FOOT	50	50			
~ X5630212	SANITARY SEWER CONNECTION	EACH	1	1			
X0326806	WASHOUT BASIN	L SUM	1	1			
X4400060	BRICK SIDEWALK REMOVAL	SQ FT	41	41			
X0350810	BOLLARD REMOVAL	EACH	6	6			
~ X5510308	SANITARY SEWER REMOVAL 8"	FOOT	187	187			

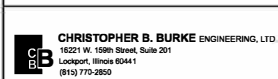
~ DENOTES SPECIALTY ITEM

FUNDING SOURCE					STP		
					80% FED 20% LOCAL		
CONSTRUCTION TYPE CODE					0004	0021	0042
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAINEES	
~ X1200015	VALVE VAULTS TO BE ABANDONED	EACH	1	1			
~ X1200198	SANITARY SEWERS, PVC, 8"	FOOT	182	182			
~ X1400238	LUMINAIRE, LED, SPECIAL	EACH	12		12		
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	13	13			
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3			
X4023000	TEMPORARY ACCESS (ROAD)	EACH	4	4			
X4200501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) SPECIAL	SQ YD	415	415			
~ X5620116	WATER SERVICE CONNECTION (SHORT)	EACH	4	4			
~ X5620118	WATER SERVICE CONNECTION (LONG)	EACH	5	5			
~ X5630400	WATER SERVICE APPURTENANCE TO BE ADJUSTED	EACH	1	1			
X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4			
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	4	4			
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1	1			
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	2	2			
X6026400	MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2			
X6065750	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	2175	2175			
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
X7240205	REMOVE SIGN COMPLETE	EACH	20	20			
~ X8140230	HANDHOLE, COMPOSITE CONCRETE (SPECIAL)	EACH	2		2		

~ DENOTES SPECIALTY ITEM

FUNDING SOURCE					STP		
					80% FED 20% LOCAL		
CONSTRUCTION TYPE CODE					0004	0021	0042
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAINEES	
~ X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	56		56		
XX000061	STUMP REMOVAL	EACH	21	21			
~ XX001464	SANITARY SEWER, PVC, 6"	FOOT	50	50			
~ XX001470	SANITARY SERVICE CONNECTION	EACH	1	1			
~ XX003470	SANITARY CLEANOUT 6"	EACH	1	1			
XX006043	WATER WELL TO BE CAPPED AND ABANDONED	EACH	1	1			
XX006429	SIDEWALK, SPECIAL	SQ FT	98	98			
~ XX007762	SHUT DOWN CONNECTION	EACH	3	3			
XX008195	EXPLORATION EXCAVATION (UTILITY)	FOOT	250	250			
Z0004002	BOLLARDS	EACH	2	2			
Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	420	420			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	10	10			
Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	1	1			
Z0022800	FENCE REMOVAL	FOOT	76	76			
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	129	129			
~ Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	5	5			
Z0076600	TRAINEES	HOUR	1000			1000	
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000			1000	

~ DENOTES SPECIALTY ITEM



USER NAME = jspeelman
 PLOT SCALE = 28'
 PLOT DATE = 2/14/2024

DESIGNED - AJS/JRS
 DRAWN - PWN/JRS
 CHECKED - AJS
 DATE -

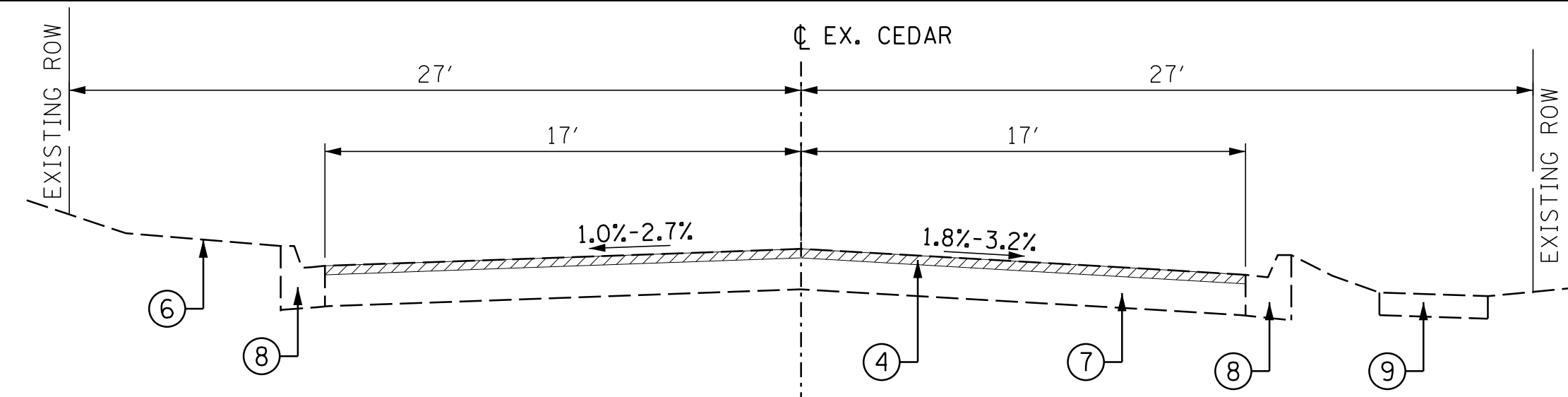
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

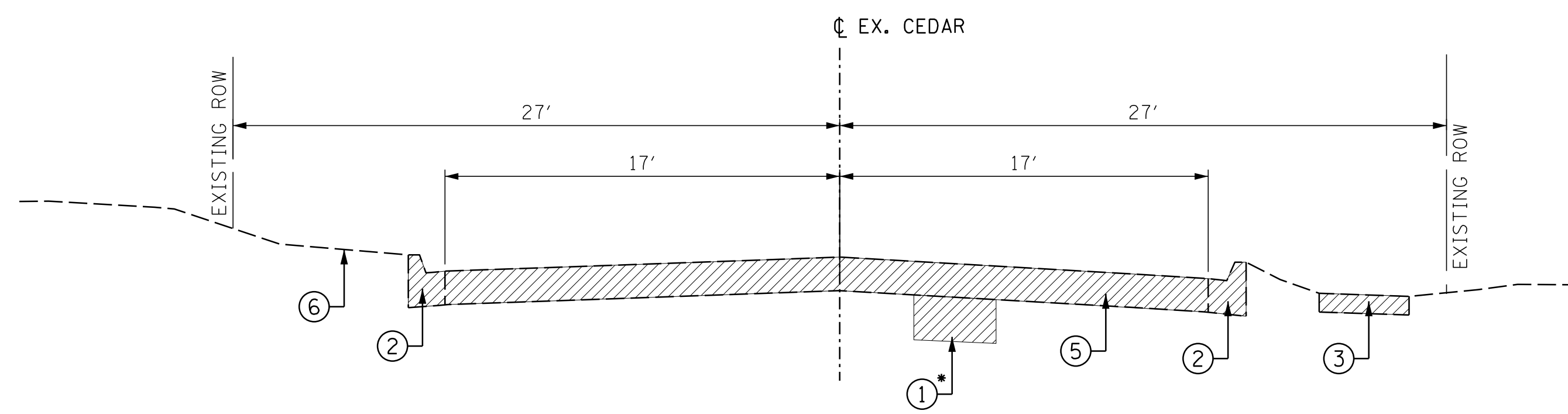
CEDAR ROAD AT HAVEN AVENUE
 SUMMARY OF QUANTITIES

SCALE: 20' SHEET 8 OF 8 SHEETS STA. TO STA.

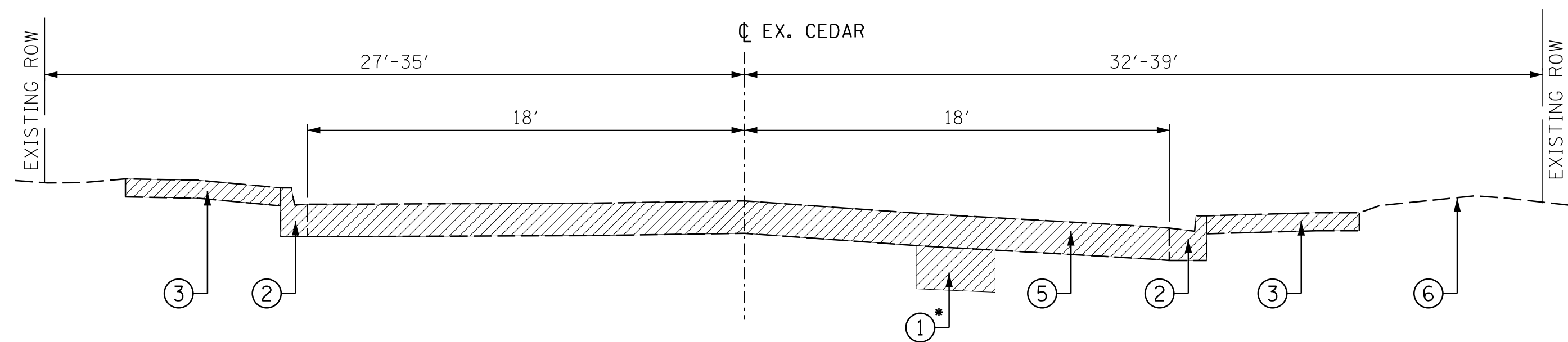
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	11
CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT	



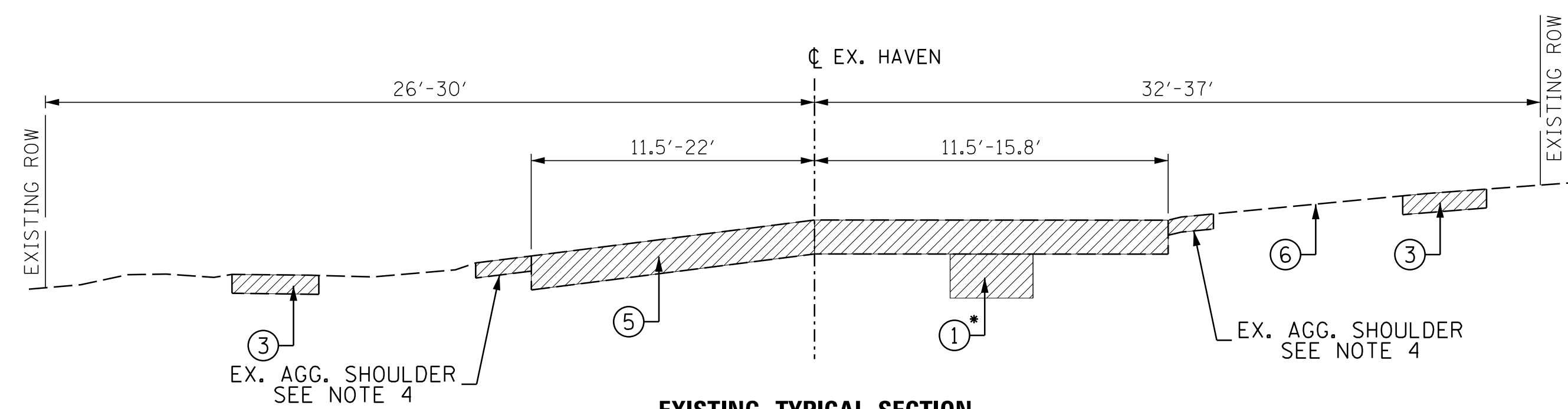
EXISTING TYPICAL SECTION
CEDAR ROAD (SOUTH LEG)
STA 42+20.22 TO STA 42+86.18 (EX. SOUTH CEDAR ROAD ϕ)



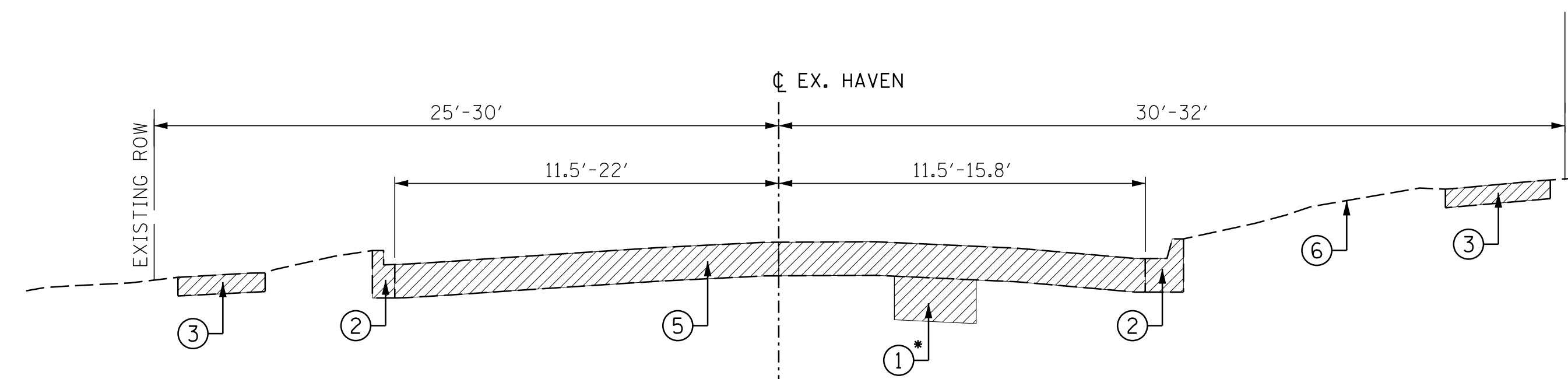
EXISTING TYPICAL SECTION
CEDAR ROAD (SOUTH LEG)
STA 42+86.18 TO STA 45+35.00 (EX. SOUTH CEDAR ROAD ϕ)



EXISTING TYPICAL SECTION
CEDAR ROAD (NORTH LEG)
STA 30+15.00 TO STA 33+36.14 (EX. NORTH CEDAR ROAD ϕ)



EXISTING TYPICAL SECTION
HAVEN AVENUE
STA 12+47.44 TO STA 14+24.10 (EX. HAVEN AVENUE ϕ)
& STA. 17+75.13 TO 21+51.37 (EX. HAVEN AVENUE ϕ)

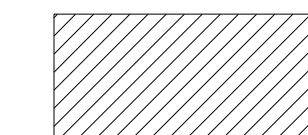


EXISTING TYPICAL SECTION
HAVEN AVENUE
STA 14+24.10 TO STA. 17+75.13 (EX. HAVEN AVENUE ϕ)

EXISTING LEGEND

- ① REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
- ② COMBINATION CURB AND GUTTER REMOVAL (44000500)
- ③ SIDEWALK REMOVAL (44000600)
- ④ HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (44000156)
- ⑤ PAVEMENT REMOVAL (44000100)
- ⑥ EXISTING GROUND
- ⑦ EXISTING HMA PAVEMENT
- ⑧ EXISTING CURB AND GUTTER
- ⑨ EXISTING SIDEWALK

• AT LOCATIONS AS DIRECTED BY THE ENGINEER



REMOVAL ITEMS

PROPOSED LEGEND

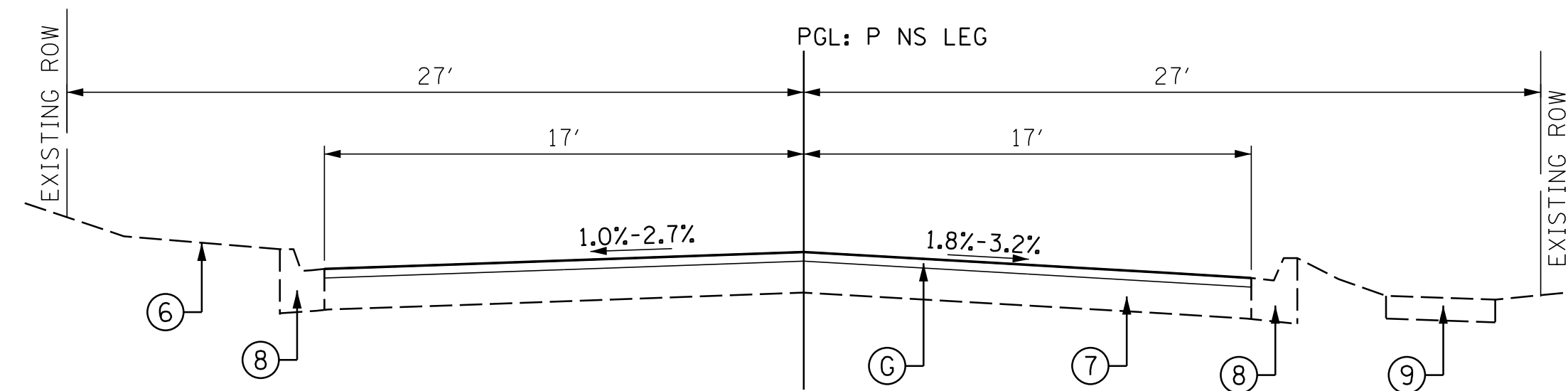
- (A) TOPSOIL EXCAVATION AND PLACEMENT, 6" DEPTH (21101505)
- (B) SEEDING, CLASS 1A (25000110) & EROSION CONTROL BLANKET (25100630)
- (C) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- (D) AGGREGATE BASE COURSE, TYPE B 6" (35101800)
- (F) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" (40603085)
- (G) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70; 2" (40604062)
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (I) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (60608582)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200), SEE NOTE 1
- (K) SUBBASE GRANULAR MATERIAL, TYPE B 3" (31101191)
- (L) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- (M) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) SPECIAL (X4200501)
- (N) CONCRETE MEDIAN SURFACE, 6" (SPECIAL) (X6065750)
- (O) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)

• AT LOCATIONS AS DIRECTED BY THE ENGINEER

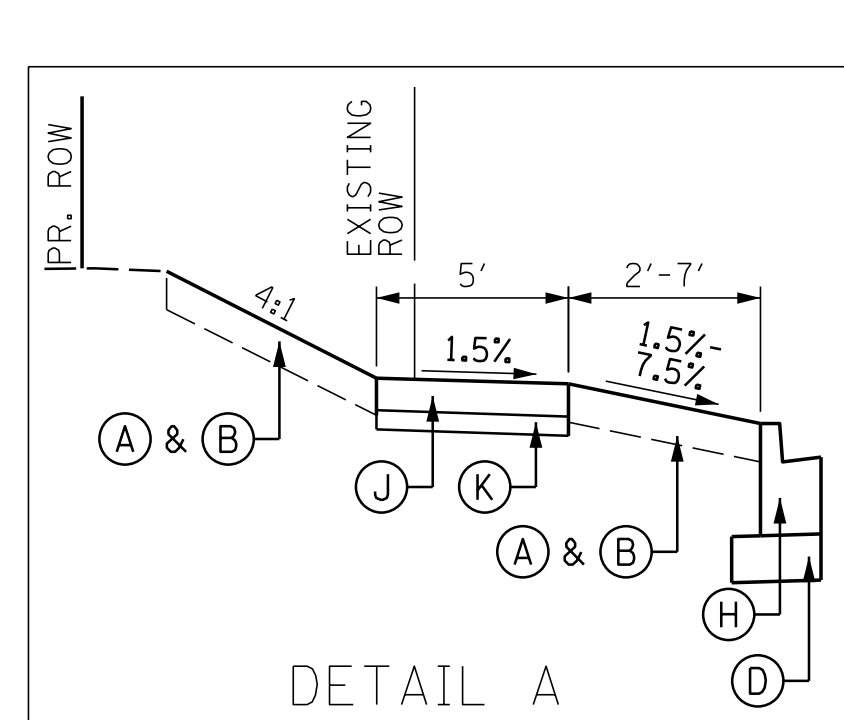
NOTES:

1. PROPOSED PCC SIDEWALK THICKNESS SHALL BE INCREASED TO 6" AT ALL RESIDENTIAL DRIVEWAYS AND 8" AT ALL COMMERCIAL DRIVEWAYS.
2. THE PROPOSED HMA SURFACE COURSE, IL-9.5, N70 SHALL BE INSTALLED 1/4" ABOVE THE GUTTER AT THE EDGE OF PAVEMENT.
3. SEE GRADING PLANS FOR DETAILED SLOPE INFORMATION.
4. EXISTING AGGREGATE SHOULDER TO BE REMOVED SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION.

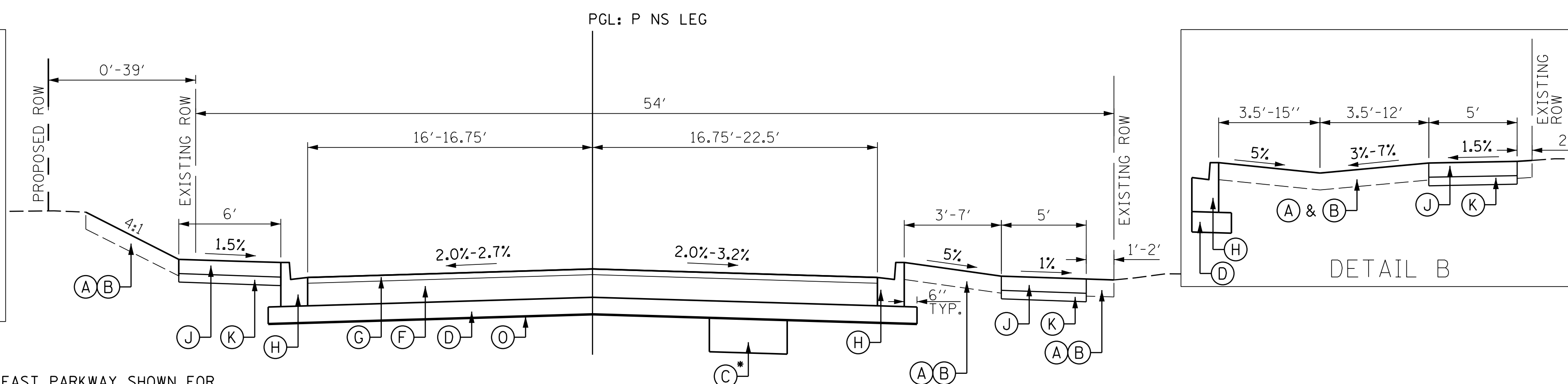
CORING TABLE			
CORE NO.	STREET	HMA THICKNESS	PCC THICKNESS
C-1	CEDAR, NORTH LEG	3"	9.5"
C-2	HAVEN, WEST LEG	8"	-
C-3	CEDAR, SOUTH LEG	12"	-
C-4	HAVEN, EAST LEG	10"	-



PROPOSED TYPICAL SECTION
CEDAR ROAD (SOUTH LEG)
STA 101+74.04 TO STA 102+40.00 (PR. CEDAR ROAD Q)

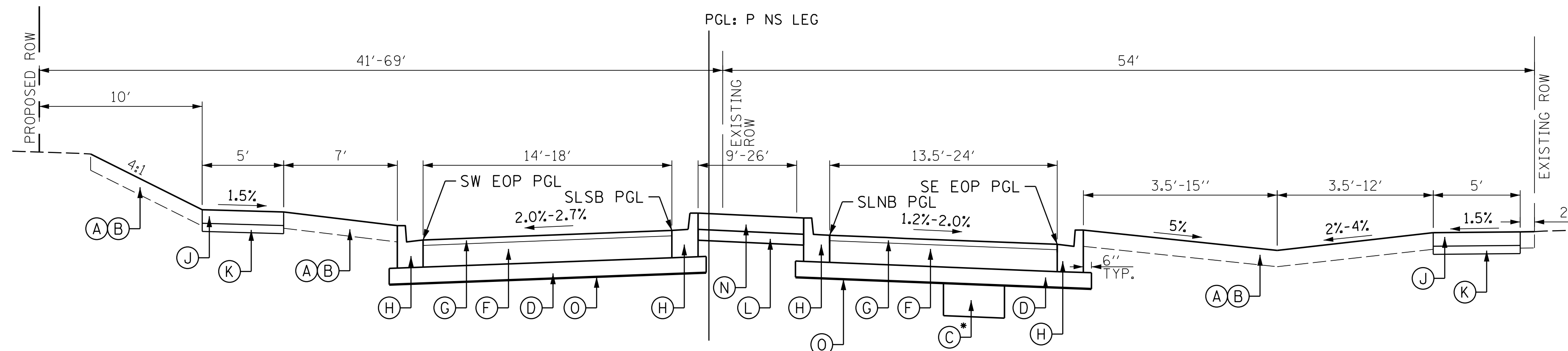
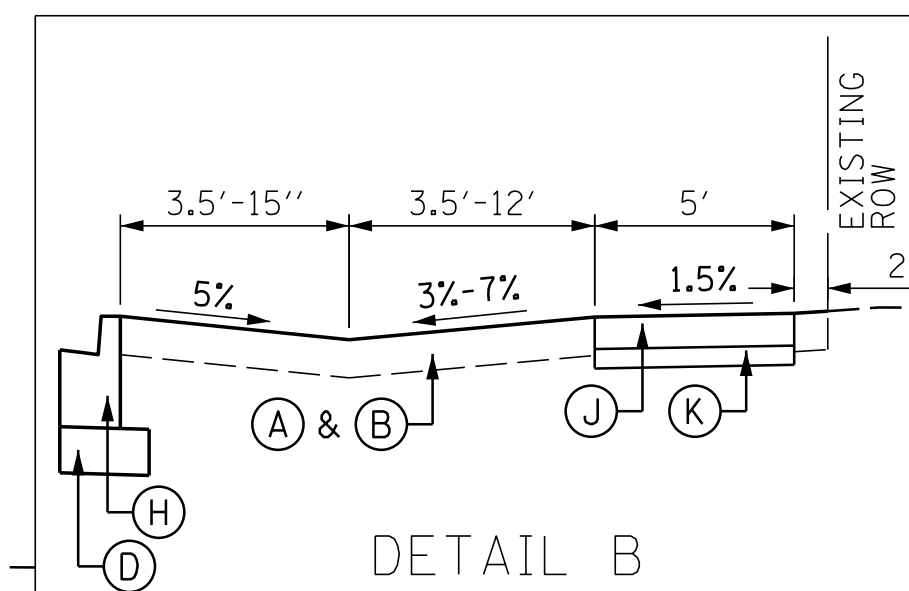


EAST PARKWAY SHOWN FOR
STA. 102+40 TO STA. 103+38
SEE DETAIL A FOR
STA. 103+38 TO STA. 103+97



PROPOSED TYPICAL SECTION
CEDAR ROAD (SOUTH LEG)
STA 102+40.00 TO STA 103+97.23

EAST PARKWAY SHOWN FOR
STA. 102+40 TO STA. 103+16
SEE DETAIL B FOR
STA. 103+16 TO STA. 103+97

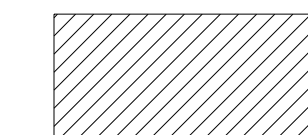


PROPOSED TYPICAL SECTION
CEDAR ROAD (SOUTH LEG SPLITTER ISLAND)
STA 103+97.23 TO STA 104+64.72 (PR. CEDAR ROAD Q)

EXISTING LEGEND

- ① REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
- ② COMBINATION CURB AND GUTTER REMOVAL (44000500)
- ③ SIDEWALK REMOVAL (44000600)
- ④ HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (44000156)
- ⑤ PAVEMENT REMOVAL (44000100)
- ⑥ EXISTING GROUND
- ⑦ EXISTING HMA PAVEMENT
- ⑧ EXISTING CURB AND GUTTER
- ⑨ EXISTING SIDEWALK

• AT LOCATIONS AS DIRECTED BY THE ENGINEER



REMOVAL ITEMS

PROPOSED LEGEND

- (A) TOPSOIL EXCAVATION AND PLACEMENT, 6" DEPTH (21101505)
- (B) SEEDING, CLASS 1A (25000110) & EROSION CONTROL BLANKET (25100630)
- (C) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- (D) AGGREGATE BASE COURSE, TYPE B 6" (35101800)
- (E) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" (40603085)
- (F) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70; 2" (40604062)
- (G) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (60608582)
- (I) PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200), SEE NOTE 1
- (J) SUBBASE GRANULAR MATERIAL, TYPE B 3" (31101191)
- (K) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- (L) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) SPECIAL (X4200501)
- (M) CONCRETE MEDIAN SURFACE, 6" (SPECIAL) (X6065750)
- (N) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)

• AT LOCATIONS AS DIRECTED BY THE ENGINEER

NOTES:

1. PROPOSED PCC SIDEWALK THICKNESS SHALL BE INCREASED TO 6" AT ALL RESIDENTIAL DRIVEWAYS AND 8" AT ALL COMMERCIAL DRIVEWAYS.
2. THE PROPOSED HMA SURFACE COURSE, IL-9.5, N70 SHALL BE INSTALLED 1/4" ABOVE THE GUTTER AT THE EDGE OF PAVEMENT.
3. SEE GRADING PLANS FOR DETAILED SLOPE INFORMATION.
4. EXISTING AGGREGATE SHOULDER TO BE REMOVED SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ NDES	QMP
PROPOSED ROADWAY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70; 2"	4% @ 70 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"	4% @ 70 GYR.	LR 1030-2
HMA DRIVEWAY, 3"		
HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50 (2 LIFTS)	4% @ 50 GYR.	LR 1030-2
CLASS D PATCHES		
HOT-MIX ASPHALT BINDER COURSE, IL 19.0	4% @ 70 GYR.	LR 1030-2
RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70; 2"	4% @ 70 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE PER LR 1030-2		

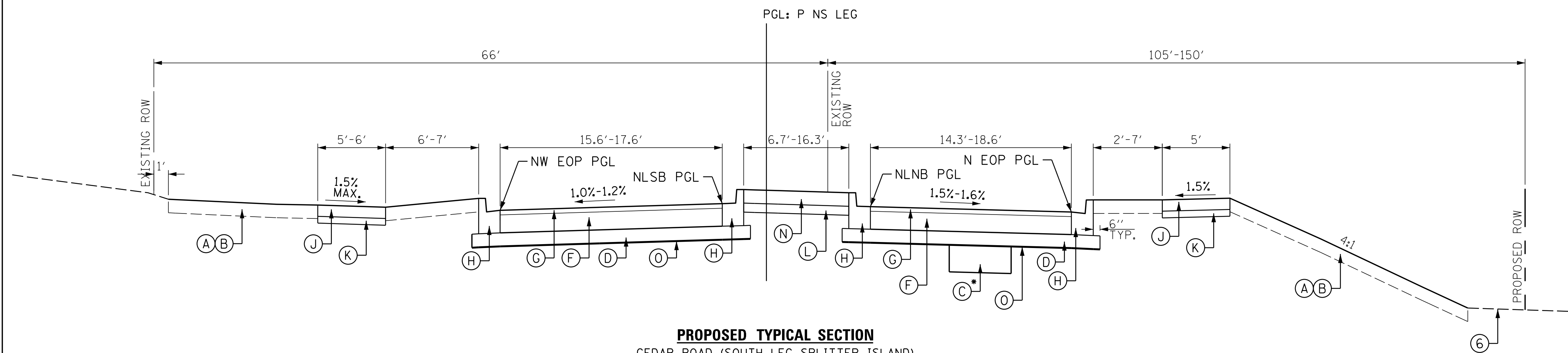
HMA TABLE NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT MATERIAL IS 112 LB/SQ YD/IN.

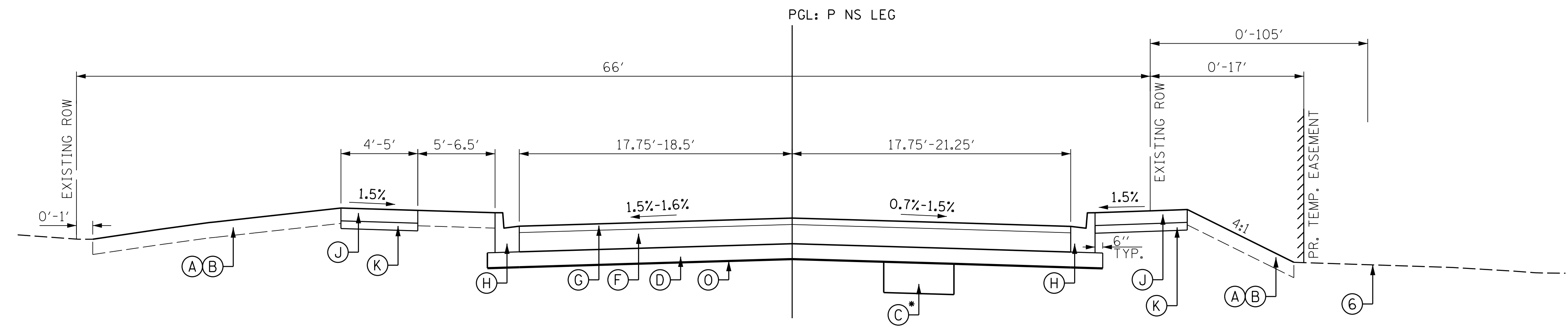
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
PLOT SCALE = 5'	DRAWN - PWN/JRS	REVISED -
PLOT DATE = 3/14/2024	CHECKED - AJS	REVISED -
	DATE -	REVISED -

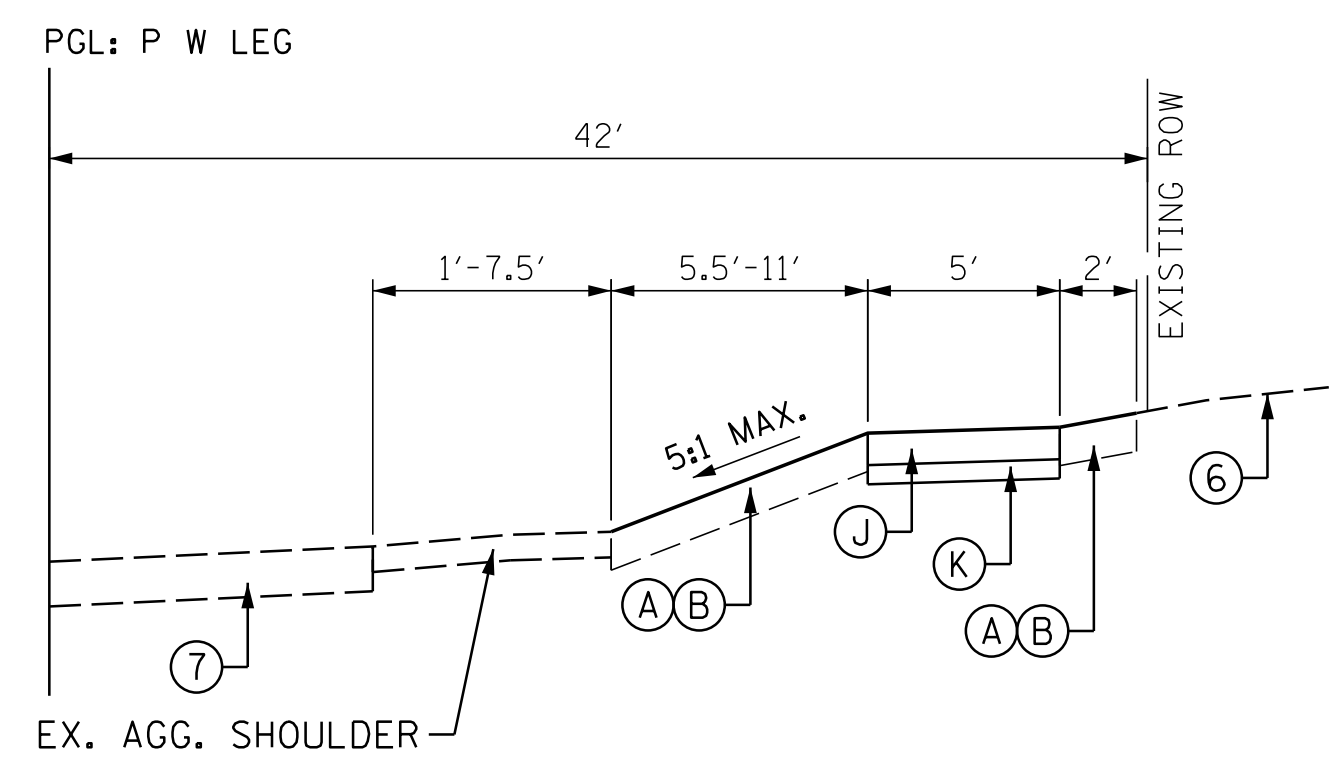
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	19-00043-00-CH	WILL	101	13
CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT	



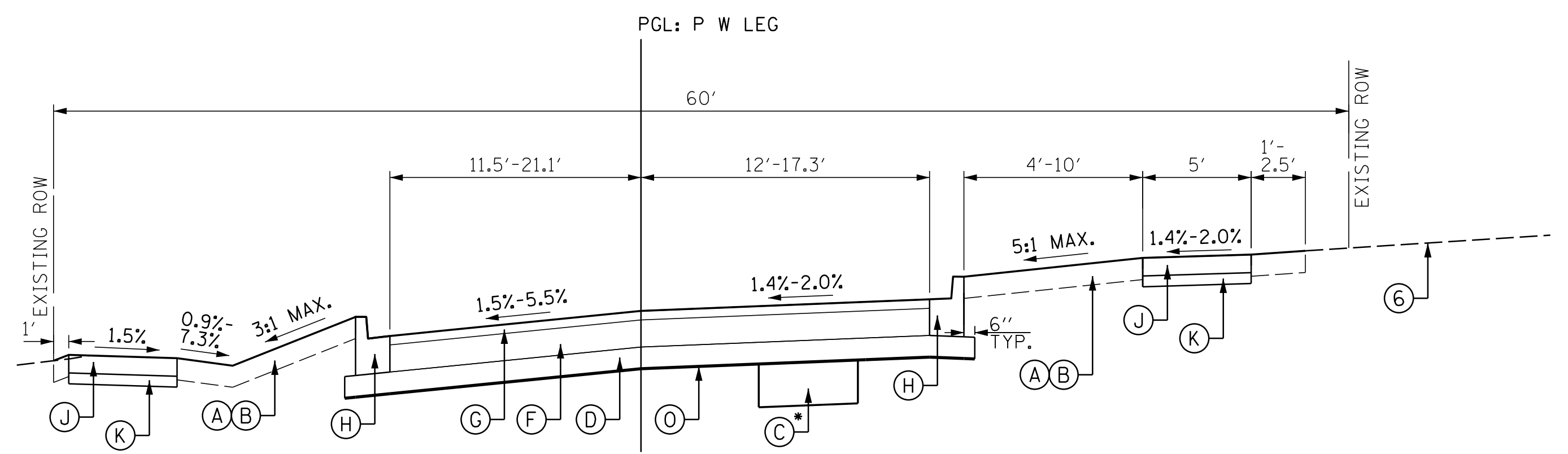
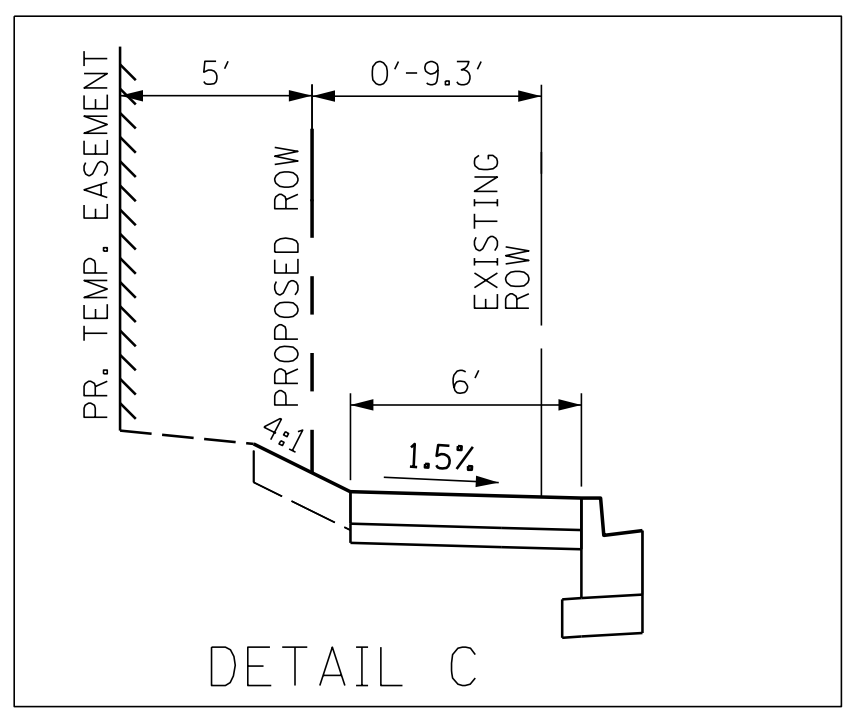
PROPOSED TYPICAL SECTION
 CEDAR ROAD (SOUTH LEG SPLITTER ISLAND)
 STA 106+14.92 TO STA 106+61.01 (PR. CEDAR ROAD ☐)



PROPOSED TYPICAL SECTION
 CEDAR ROAD (NORTH LEG)
 STA 106+61.01 TO STA 108+64.63 (PR. CEDAR ROAD ☐)



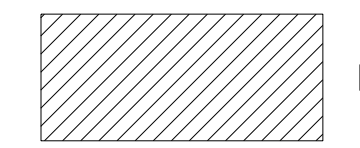
PROPOSED TYPICAL SECTION
 HAVEN AVENUE (WEST LEG, SOUTH PARKWAY)
 STA 200+75.33 TO STA 202+30.00 (PR. HAVEN AVENUE WEST ☐)



PROPOSED TYPICAL SECTION
 HAVEN AVENUE (WEST LEG)
 STA 202+30.00 TO STA 204+83.55 (PR. HAVEN AVENUE WEST ☐)

EXISTING LEGEND

- ① REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
 - ② COMBINATION CURB AND GUTTER REMOVAL (44000500)
 - ③ SIDEWALK REMOVAL (44000600)
 - ④ HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (44000156)
 - ⑤ PAVEMENT REMOVAL (44000100)
 - ⑥ EXISTING GROUND
 - ⑦ EXISTING HMA PAVEMENT
 - ⑧ EXISTING CURB AND GUTTER
 - ⑨ EXISTING SIDEWALK
- AT LOCATIONS AS DIRECTED BY THE ENGINEER

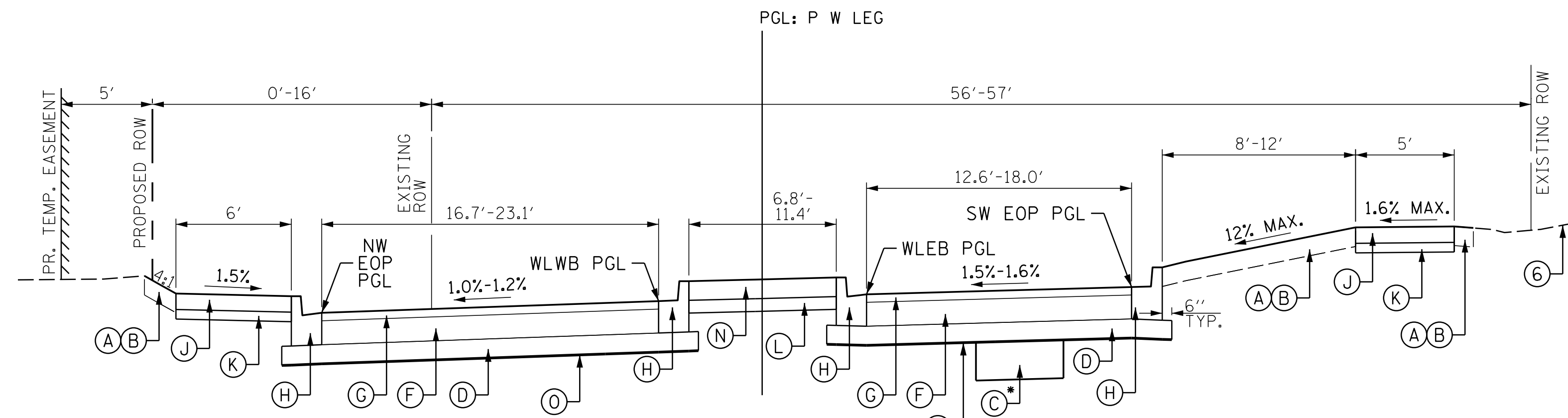


PROPOSED LEGEND

- (A) TOPSOIL EXCAVATION AND PLACEMENT, 6" DEPTH (21101505)
 - (B) SEEDING, CLASS 1A (25000110) & EROSION CONTROL BLANKET (25100630)
 - (C) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
 - (D) AGGREGATE BASE COURSE, TYPE B 6" (35101800)
 - (F) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" (40603085)
 - (G) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70; 2" (40604062)
 - (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
 - (I) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (60608582)
 - (J) PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200), SEE NOTE 1
 - (K) SUBBASE GRANULAR MATERIAL, TYPE B 3" (31101191)
 - (L) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
 - (M) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) SPECIAL (X4200501)
 - (N) CONCRETE MEDIAN SURFACE, 6" (SPECIAL) (X6065750)
 - (O) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)
- AT LOCATIONS AS DIRECTED BY THE ENGINEER

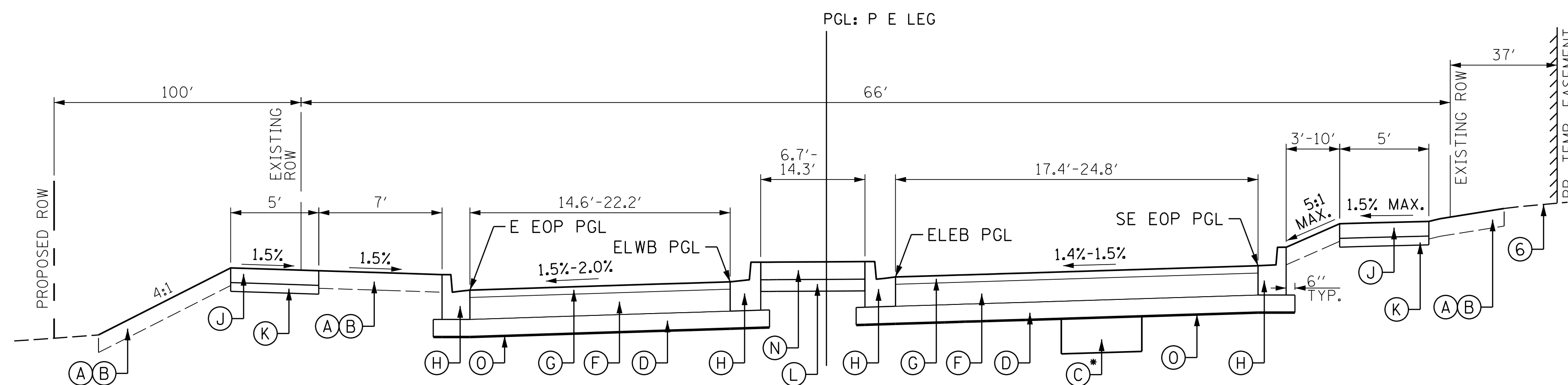
NOTES:

1. PROPOSED PCC SIDEWALK THICKNESS SHALL BE INCREASED TO 6" AT ALL RESIDENTIAL DRIVEWAYS AND 8" AT ALL COMMERCIAL DRIVEWAYS.
2. THE PROPOSED HMA SURFACE COURSE, IL-9.5, N70 SHALL BE INSTALLED 1/4" ABOVE THE GUTTER AT THE EDGE OF PAVEMENT.
3. SEE GRADING PLANS FOR DETAILED SLOPE INFORMATION.
4. EXISTING AGGREGATE SHOULDER TO BE REMOVED SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION.



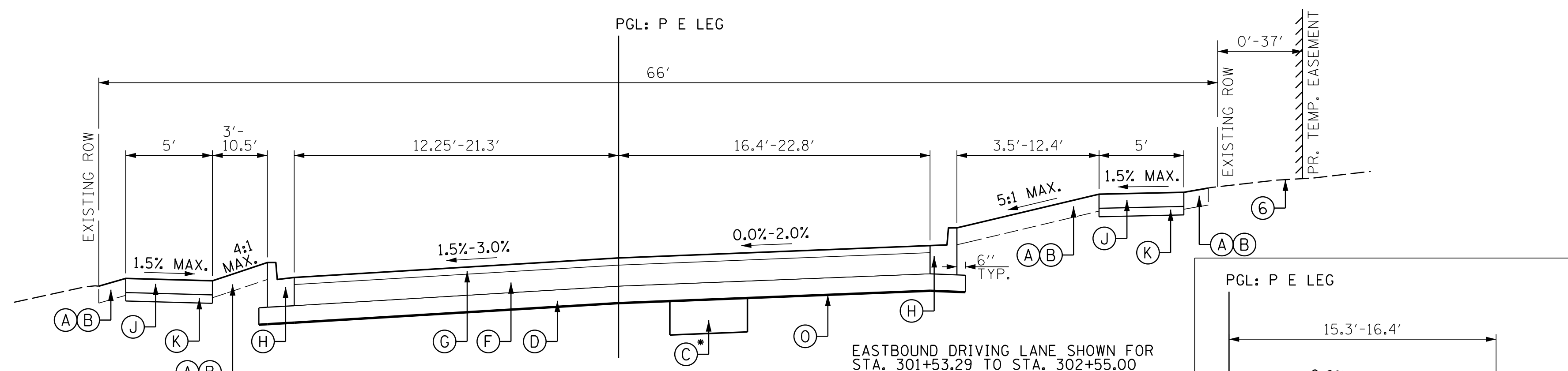
PROPOSED TYPICAL SECTION

HAVEN AVENUE (WEST LEG SPLITTER ISLAND)
STA 204+83.55 TO STA 205+40.78 (PR. HAVEN AVENUE WEST Q)



PROPOSED TYPICAL SECTION

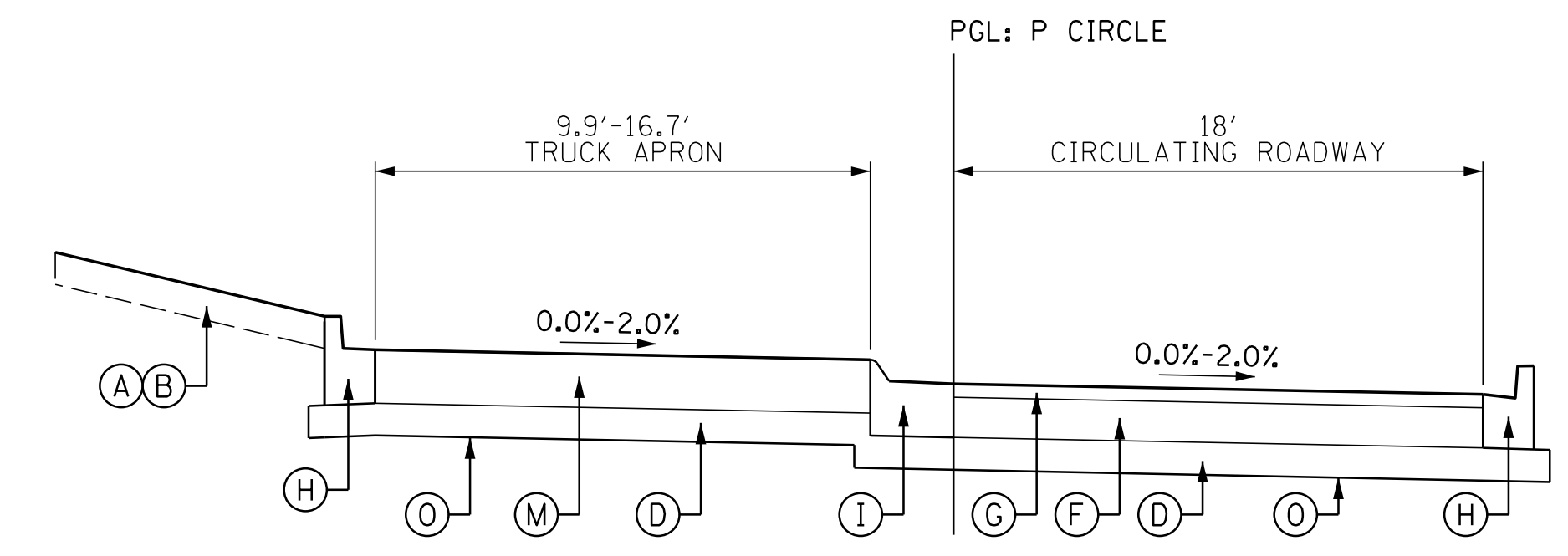
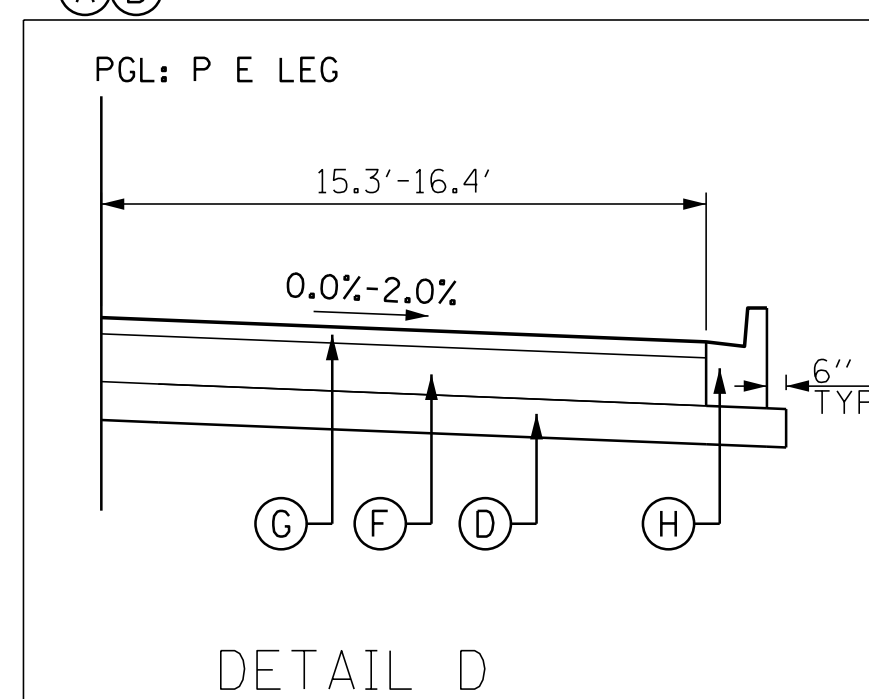
HAVEN AVENUE (EAST LEG SPLITTER ISLAND)
STA 300+92.17 TO STA 301+53.29 (PR. HAVEN AVENUE EAST Q)



PROPOSED TYPICAL SECTION

HAVEN AVENUE (EAST LEG)
STA 301+53.29 TO STA 305+02.15 (PR. HAVEN AVENUE EAST Q)

EASTBOUND DRIVING LANE SHOWN FOR
STA. 301+53.29 TO STA. 302+55.00
SEE DETAIL D FOR
STA. 302+55.00 TO STA. 305+02.15

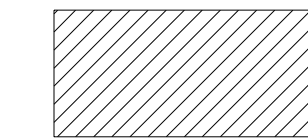


PROPOSED TYPICAL SECTION
ROUNDABOUT CIRCULATING ROADWAY

EXISTING LEGEND

- ① REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
- ② COMBINATION CURB AND GUTTER REMOVAL (44000500)
- ③ SIDEWALK REMOVAL (44000600)
- ④ HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" (44000156)
- ⑤ PAVEMENT REMOVAL (44000100)
- ⑥ EXISTING GROUND
- ⑦ EXISTING HMA PAVEMENT
- ⑧ EXISTING CURB AND GUTTER
- ⑨ EXISTING SIDEWALK

• AT LOCATIONS AS DIRECTED BY THE ENGINEER



REMOVAL ITEMS

PROPOSED LEGEND

- (A) TOPSOIL EXCAVATION AND PLACEMENT, 6" DEPTH (21101505)
- (B) SEEDING, CLASS 1A (25000110) & EROSION CONTROL BLANKET (25100630)
- (C) AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- (D) AGGREGATE BASE COURSE, TYPE B 6" (35101800)
- (F) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" (40603085)
- (G) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70; 2" (40604062)
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- (I) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (60608582)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200), SEE NOTE 1
- (K) SUBBASE GRANULAR MATERIAL, TYPE B 3" (31101191)
- (L) SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)
- (M) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) SPECIAL (X4200501)
- (N) CONCRETE MEDIAN SURFACE, 6" (SPECIAL) (X6065750)
- (O) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)

• AT LOCATIONS AS DIRECTED BY THE ENGINEER

NOTES:

1. PROPOSED PCC SIDEWALK THICKNESS SHALL BE INCREASED TO 6" AT ALL RESIDENTIAL DRIVEWAYS AND 8" AT ALL COMMERCIAL DRIVEWAYS.
2. THE PROPOSED HMA SURFACE COURSE, IL-9.5, N70 SHALL BE INSTALLED 1/4" ABOVE THE GUTTER AT THE EDGE OF PAVEMENT.
3. SEE GRADING PLANS FOR DETAILED SLOPE INFORMATION.
4. EXISTING AGGREGATE SHOULDER TO BE REMOVED SHALL BE MEASURED AND PAID FOR AS EARTH EXCAVATION.

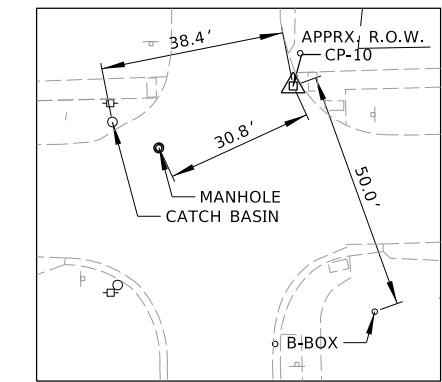
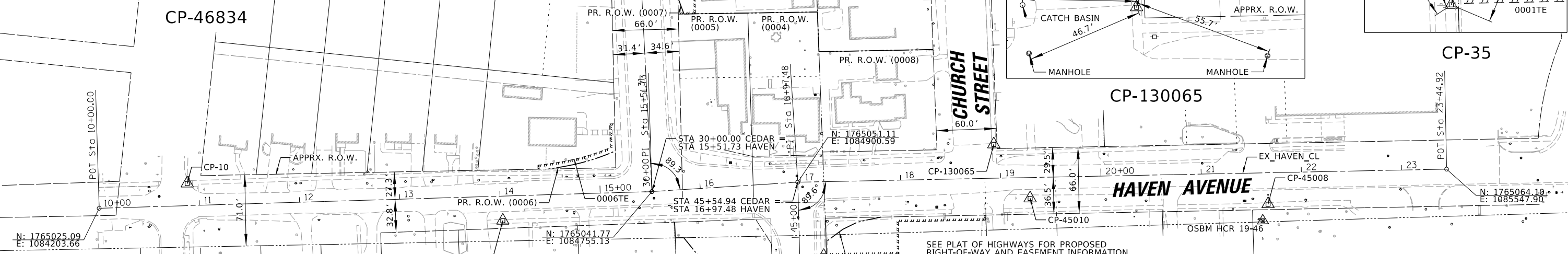
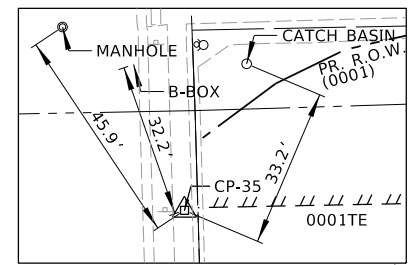
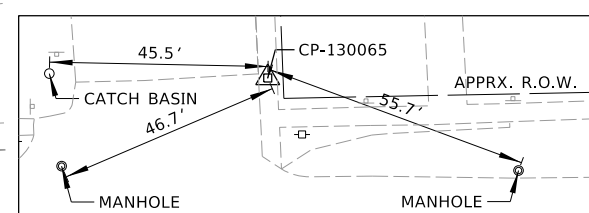
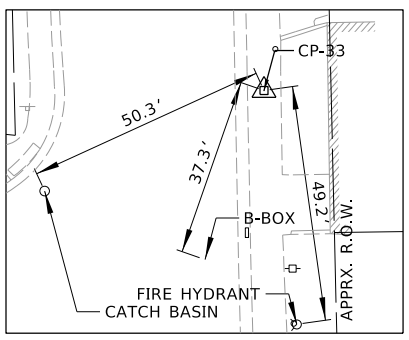
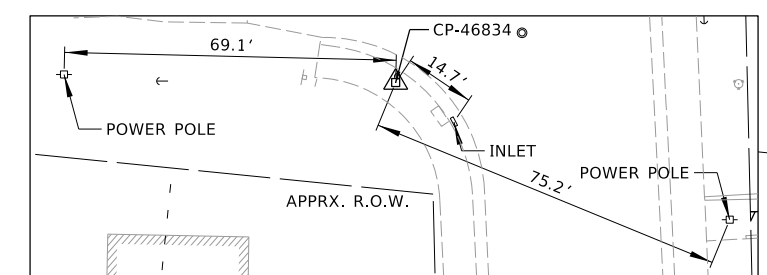
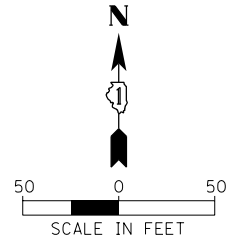
EARTHWORK SCHEDULE							
STATION			21101505	20200100	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
			TOPSOIL EXCAVATION AND PLACEMENT	EARTH EXCAVATION			
CEDAR ROAD			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
101+74	TO	102+00	0	25	21	0	21
102+00	TO	102+50	6	56	47	0	47
102+50	TO	102+89	6	73	62	0	61
102+89	TO	103+00	4	29	25	0	25
103+00	TO	103+50	17	149	126	0	126
103+50	TO	104+00	14	210	178	0	178
104+00	TO	104+50	48	288	244	0	244
104+50	TO	105+00	57	218	185	124	62
105+00	TO	105+20	24	51	43	143	-100
105+20	TO	105+50	55	151	129	174	-46
105+50	TO	105+84	73	293	249	38	211
105+84	TO	106+00	32	135	115	9	106
106+00	TO	106+50	69	175	149	237	-88
106+50	TO	106+72	20	1	0	126	-125
106+72	TO	107+00	16	0	0	70	-70
107+00	TO	107+29	8	1	1	42	-41
107+29	TO	107+50	2	2	2	15	-14
107+50	TO	108+00	2	48	41	14	27
108+00	TO	108+24	1	64	54	0	54
108+24	TO	108+39	0	49	42	0	42
108+39	TO	108+50	2	25	21	0	21
108+50	TO	108+65	3	20	17	0	17
HAVEN AVENUE - WEST LEG							
201+00	TO	201+50	13	4	3	2	1
201+50	TO	201+88	4	2	1	2	0
201+88	TO	202+00	2	1	0	0	0
202+00	TO	202+30	12	12	10	1	9
202+30	TO	202+50	7	20	17	1	16
202+50	TO	203+00	13	68	58	6	51
203+00	TO	203+12	3	19	17	1	15
203+12	TO	203+50	3	66	56	0	55
203+50	TO	203+59	1	15	13	0	12
203+59	TO	204+00	10	56	48	2	46
204+00	TO	204+50	15	68	58	5	53
204+50	TO	204+63	3	20	17	1	16
204+63	TO	205+00	13	60	51	10	42
HAVEN AVENUE - EAST LEG							
301+00	TO	301+50	52	73	62	59	3
301+50	TO	302+00	29	30	26	38	-12
302+00	TO	302+41	9	91	77	4	73
302+41	TO	302+50	0	30	26	0	26
302+50	TO	302+71	2	56	48	1	47
302+71	TO	303+00	10	51	43	3	40
303+00	TO	303+50	29	67	57	5	52
303+50	TO	303+65	7	20	17	1	16
303+65	TO	304+00	17	49	42	3	39
304+00	TO	304+29	12	47	40	2	38
304+29	TO	304+43	3	25	21	1	20
304+43	TO	304+50	2	12	10	0	10
304+50	TO	305+00	18	70	60	6	54
305+00	TO	305+02	1	3	2	0	2
TOTALS			749	3096	2631	1147	1484

SUMMARY	
21101505	20200100
TOPSOIL EXCAVATION AND PLACEMENT	EARTH EXCAVATION
(CU YD)	(CU YD)
749	3,096

BASED ON EXISTING TOPSOIL DEPTHS, A QUANTITY OF 749 CY OF TOPSOIL WILL BE EXCAVATED TO CONSTRUCT THE PROPOSED FINAL GRADING & ROADWAY IMPROVEMENTS AS SHOWN ON THE CROSS SECTIONS. ADDITIONAL TOPSOIL EXCAVATION AND PLACEMENT QUANTITY HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITIES FOR AREAS OUTSIDE OF THE ROADWAY IMPROVEMENTS. THESE AREAS INCLUDE BUT ARE NOT LIMITED TO THE PROPERTIES AND/OR EASEMENTS ACQUIRED BY THE VILLAGE THAT ARE PROPOSED TO BE RESTORED WITH SEEDING AND EROSION CONTROL BLANKET AT THE END OF THE PROJECT.

PGL ALIGNMENT NAME: EX_N_CEDAR_CL							
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH
EXNCE01	POT	30+00.00	1,765,041.77	1,084,755.13			290.06
EXNCE02	POT	32+90.06	1,765,331.43	1,084,740.06			109.94
EXNCE03	POT	34+00.00	1,765,441.34	1,084,737.16			

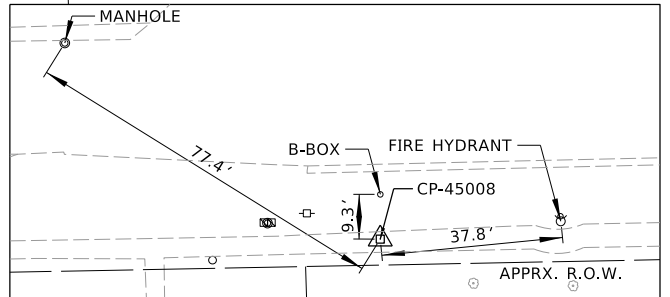
HORIZONTAL CONTROL POINTS						
POINT	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	
10	1 765 049.84	1 084 291.52	10+88.58	22.1' LT	PK	
33	1 765 376.24	1 084 763.75	33+34.21	24.9' RT	X-CUT	
35	1 764 977.68	1 084 926.44	44+80.83	23.9' RT	X-CUT	
45008	1 765 029.17	1 085 369.80	21+66.16	31.4' RT	X-CUT	
45009	1 765 012.72	1 084 606.34	14+02.12	24.5' RT	X-CUT	
45010	1 765 034.97	1 085 132.41	19+28.94	20.8' RT	REBAR	
45011	1 764 665.73	1 084 936.52	41+68.72	25.5' RT	X-CUT	
46834	1 765 309.60	1 084 706.00	32+70.26	35.2' LT	X-CUT	
130065	1 765 088.81	1 085 096.12	18+93.74	33.8' LT	X-CUT	



PGL ALIGNMENT NAME: EX_HAVEN_CL							
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH
EXHAV01	POT	10+00.00	1,765,025.09	1,084,203.66			551.73
EXHAV02	POT	15+51.73	1,765,041.77	1,084,755.13			145.76
EXHAV03	POT	16+97.48	1,765,051.11	1,084,900.59			647.44
EXHAV04	POT	23+44.92	1,765,064.10	1,085,547.90			

PGL ALIGNMENT NAME: EX_S_CEDAR_CL							
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH
EXSCE01	POT	40+00.00	1,764,496.45	1,084,917.60			93.75
EXSCE02	POT	40+93.75	1,764,590.15	1,084,914.58			61.78
EXSCE03	POT	41+55.52	1,764,651.84	1,084,911.39			399.42
EXSCE04	POT	45+54.94	1,765,051.11	1,084,900.59			

COORDINATE TABLE: EX_HAVEN_CL				
PT #	STATION	OFFSET	NORTHING	EASTING
01	17+24.18	36.43 RT	1,765,015.23	1,084,928.01
02	17+29.99	36.47 RT	1,765,016.30	1,084,983.71
03	17+55.80	41.22 RT	1,765,011.07	1,084,959.72
04	17+41.41	47.90 RT	1,765,004.11	1,084,945.46
05	17+24.54	59.92 RT	1,764,991.75	1,084,928.84
06	17+24.49	52.21 RT	1,764,988.46	1,084,928.65
07	17+84.50	36.55 RT	1,765,018.32	1,085,088.30
08	18+84.55	41.55 RT	1,765,013.32	1,085,088.45
09	17+96.97	41.49 RT	1,765,011.63	1,085,000.89
10	17+96.95	73.48 RT	1,764,979.64	1,085,001.51
11	17+24.65	73.42 RT	1,764,978.25	1,084,929.22
12	16+52.28	18.14 RT	1,765,030.11	1,084,856.64
13	16+53.84	28.58 LT	1,765,076.84	1,084,855.20
14	16+58.62	17.45 LT	1,765,219.72	1,084,850.81
15	17+20.49	169.21 LT	1,765,220.75	1,084,920.20
16	17+23.05	26.74 LT	1,765,078.36	1,084,929.61
17	17+23.89	20.20 RT	1,765,031.45	1,084,927.39
18	15+81.58	14.94 RT	1,765,028.77	1,084,785.88
19	15+84.20	49.51 LT	1,765,083.26	1,084,784.36
20	15+16.33	24.82 LT	1,765,065.51	1,084,719.00
21	14+48.84	25.58 LT	1,765,064.23	1,084,651.52
22	14+71.96	28.81 LT	1,765,068.15	1,084,674.53
23	15+16.44	41.60 LT	1,765,082.28	1,084,718.60
24	14+38.79	25.70 LT	1,765,064.04	1,084,641.47
25	14+38.83	29.70 LT	1,765,068.04	1,084,641.39
26	14+71.10	33.73 LT	1,765,073.05	1,084,673.52
27	15+11.47	45.00 LT	1,765,085.53	1,084,713.53
28	15+11.62	68.64 LT	1,765,109.16	1,084,712.97
29	15+16.82	68.59 LT	1,765,109.27	1,084,717.07
30	17+22.99	29.57 LT	1,765,081.19	1,084,925.50
31	17+21.21	129.58 LT	1,765,181.14	1,084,921.71
32	18+25.10	129.48 LT	1,765,183.33	1,085,035.58
33	18+37.00	29.48 LT	1,765,083.39	1,085,039.48



COORDINATE TABLE: EX_S_CEDAR_CL				
PT #	STATION	OFFSET	NORTHING	EASTING
32	42+80.31	27.16 LT	1,764,775.85	1,084,880.85
33	42+80.29	32.18 LT	1,764,775.70	1,084,785.85
14	43+17.34	32.31 LT	1,764,812.73	1,084,874.72
15	43+17.50	52.31 LT	1,764,812.35	1,084,854.72
16	43+42.50	52.39 LT	1,764,837.34	1,084,853.96
17	43+42.31	27.39 LT	1,764,837.82	1,084,878.96
18	43+42.39	38.39 LT	1,764,837.61	1,084,867.96
19	43+74.34	44.37 LT	1,764,869.38	1,084,861.12
20	43+94.43	52.00 LT	1,764,889.26	1,084,852.95
21	44+30.49	68.14 LT	1,764,924.87	1,084,935.85
22	44+68.63	89.05 LT	1,764,962.43	1,084,831.91
23	45+02.70	115.18 LT	1,764,995.78	1,084,786.86
24	45+02.77	123.68 LT	1,764,995.62	1,084,778.36
25	45+18.39	123.85 LT	1,765,011.23	1,084,777.77
26	45+19.12	43.00 LT	1,765,010.74	1,084,858.57
27	44+94.26	27.91 LT	1,764,989.70	1,084,874.33

COORDINATE TABLE: EX_N_CEDAR_CL				
PT #	STATION	OFFSET	NORTHING	EASTING
36	31+75.32	35.45 RT	1,765,218.69	1,084,781.42
50	31+91.58	35.91 RT	1,765,234.96	1,084,781.04
51	31+75.10	41.10 RT	1,765,218.77	1,084,787.08
52	32+39.29	37.27 RT	1,765,282.67	1,084,779.92
53	32+39.10	42.72 RT	1,765,292.74	1,084,784.92
54	32+21.11	41.75 RT	1,765,264.75	1,084,785.34
55	32+20.77	53.75 RT	1,765,265.03	1,084,797.34
56	31+74.68	52.44 RT	1,765,218.94	1,084,798.42

ELEVATION BENCHMARKS DATUM: NAVD 1988		
NO.	DESCRIPTION	ELEV.
OSBM 19-45	X-CUT ON SOUTHEAST FLANGE BOLT OF HYDRANT ON EAST SIDE OF CEDAR RD. AT INTERSECTION WITH FIRST AV.	676.21
OSBM 19-46	RAILROAD SPIKE IN FACE OF POWER POLE ON SOUTH SIDE OF HAVEN AV. ACCROSS FROM ENTRY TO SILVER CROSS STAFF PARKING LOT ±20' BEHIND WALK	662.57

CHRISTOPHER B. BURKE ENGINEERING, LTD.
1623 W. 109th Street, Suite 201
Lockport, IL 60441
(815) 770-2850

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
PLOT SCALE = 50'	DRAWN - PWN/JRS	REVISED -
PLOT DATE = 2/14/2024	CHECKED - AJS	REVISED -
	DATE -	REVISED -

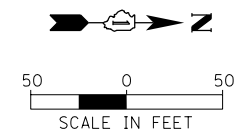
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CEDAR ROAD AT HAVEN AVENUE EXISTING ALIGNMENT, TIES, AND BENCHMARKS			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
0315	19-00043-00-CH	WILL	101
			17
CONTRACT NO. 61J08			

SCALE: 50' SHEET 1 OF 5 SHEETS STA. TO STA.

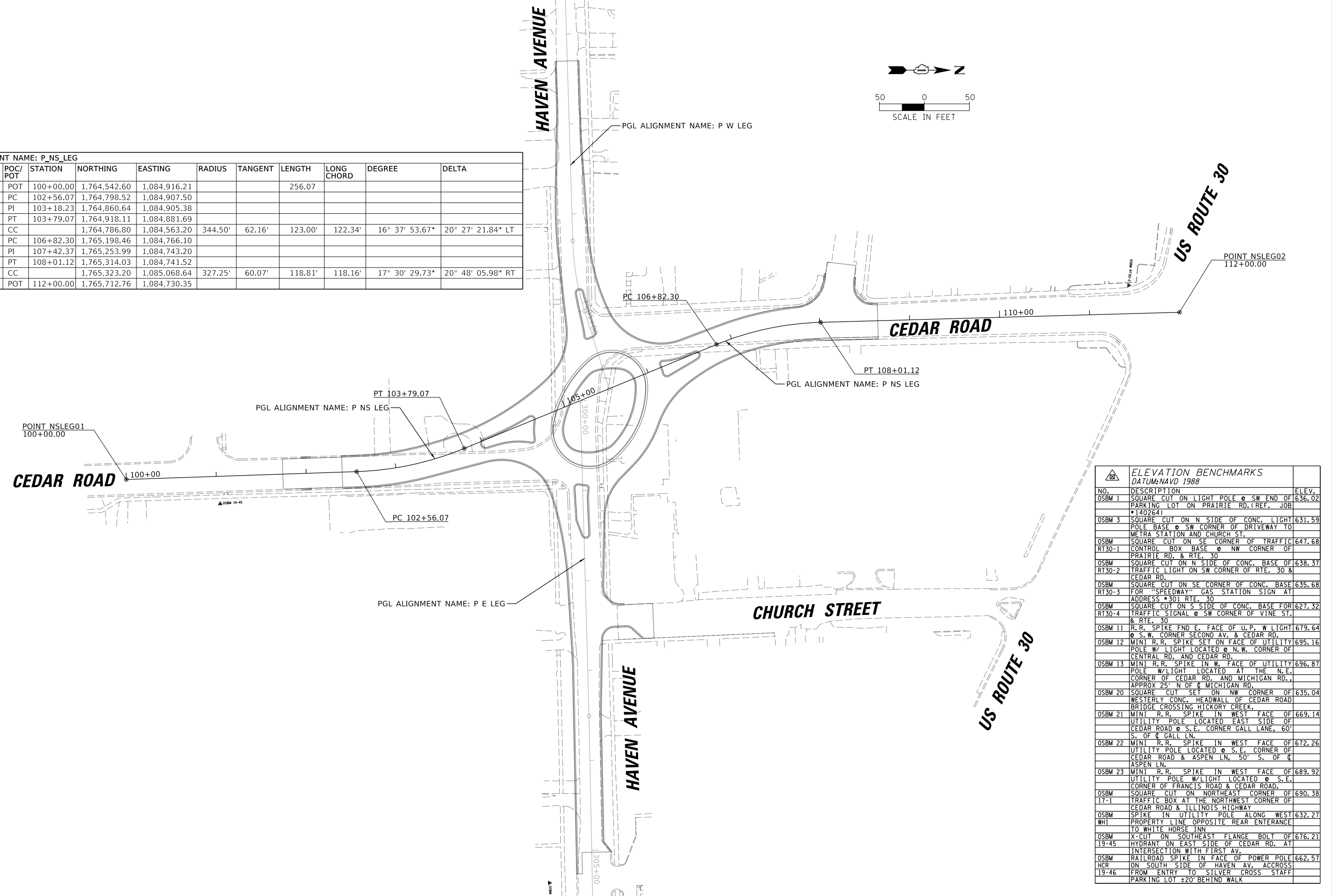
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	17
ILLINOIS FED. AID PROJECT				

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PGL ALIGNMENT NAME: P_NS_LEG

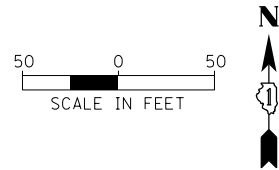
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
NSLEG01	POT	100+00.00	1,764,542.60	1,084,916.21			256.07			
P_NS_LEG1	PC	102+56.07	1,764,798.52	1,084,907.50						
	PI	103+18.23	1,764,860.64	1,084,905.38						
	PT	103+79.07	1,764,918.11	1,084,881.69						
	CC		1,764,786.80	1,084,563.20	344.50'	62.16'	123.00'	122.34'	16° 37' 53.67"	20° 27' 21.84" LT
P_NS_LEG2	PC	106+82.30	1,765,198.46	1,084,766.10						
	PI	107+42.37	1,765,253.99	1,084,743.20						
	PT	108+01.12	1,765,314.03	1,084,741.52						
	CC		1,765,323.20	1,085,068.64	327.25'	60.07'	118.81'	118.16'	17° 30' 29.73"	20° 48' 05.98" RT
NSLEG02	POT	112+00.00	1,765,712.76	1,084,730.35						



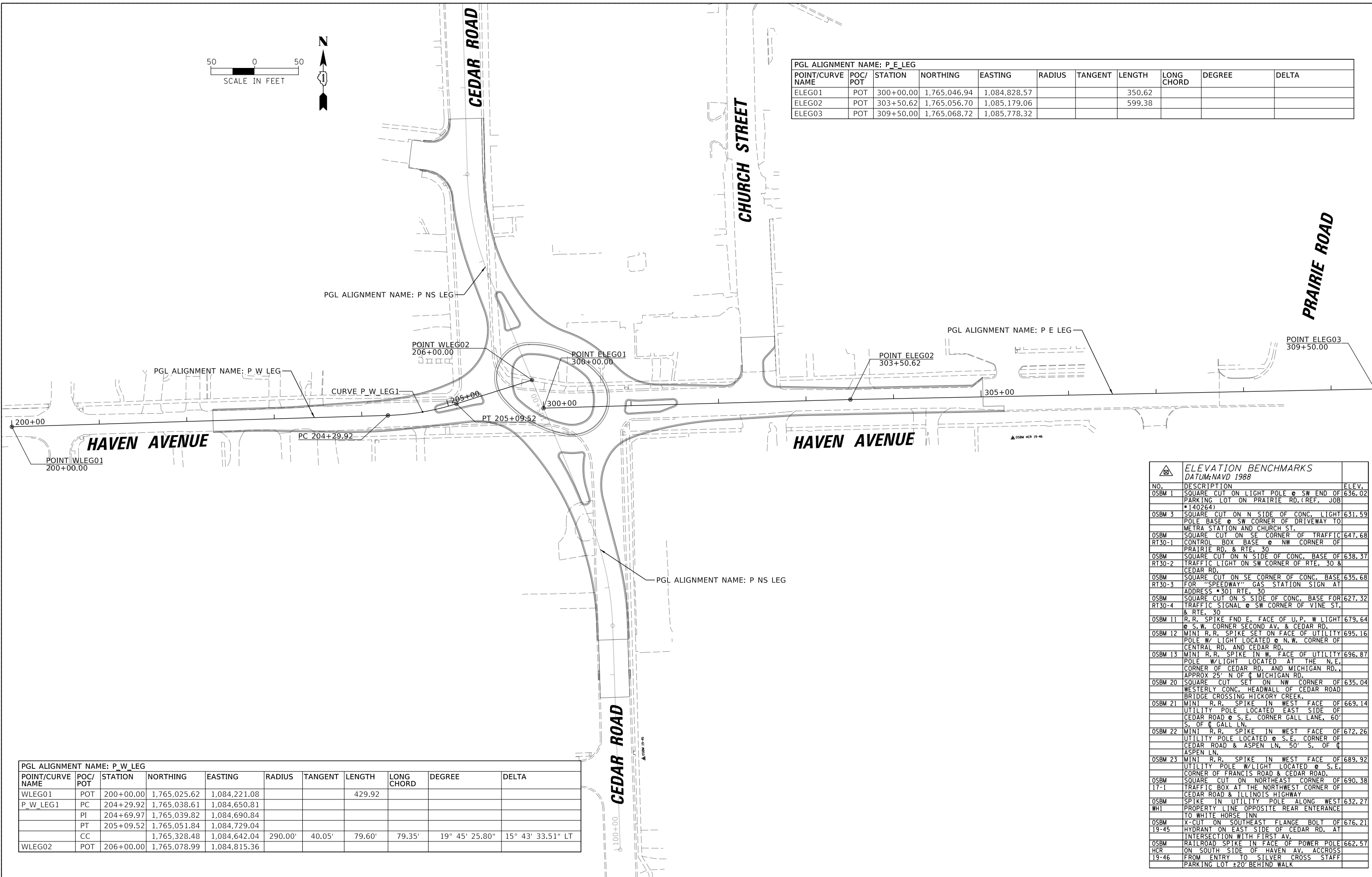
ELEVATION BENCHMARKS DATUM: NAVD 1988		
NO.	DESCRIPTION	ELEV.
OSBM 1	SQUARE CUT ON LIGHT POLE @ SW END OF PARKING LOT ON PRAIRIE RD. (REF. JOB #140264)	636.02
OSBM 3	SQUARE CUT ON N SIDE OF CONC. LIGHT POLE BASE @ SW CORNER OF DRIVEWAY TO METRA STATION AND CHURCH ST.	631.59
OSBM RT30-1	SQUARE CUT ON SE CORNER OF TRAFFIC CONTROL BOX BASE @ NW CORNER OF PRAIRIE RD. & RTE. 30	647.68
OSBM RT30-2	SQUARE CUT ON N SIDE OF CONC. BASE OF TRAFFIC LIGHT ON SW CORNER OF RTE. 30 & CEDAR RD.	638.37
OSBM RT30-3	SQUARE CUT ON SE CORNER OF CONC. BASE FOR "SPEEDWAY" GAS STATION SIGN AT ADDRESS # 301 RTE. 30	635.68
OSBM RT30-4	SQUARE CUT ON S SIDE OF CONC. BASE FOR TRAFFIC SIGNAL @ SW CORNER OF VINE ST. & RTE. 30	627.32
OSBM 11	R.R. SPIKE FND E. FACE OF U.P. W LIGHT @ S.W. CORNER SECOND AV. & CEDAR RD.	679.64
OSBM 12	MINI R.R. SPIKE SET ON FACE OF UTILITY POLE W/ LIGHT LOCATED @ N.W. CORNER OF CENTRAL RD. AND CEDAR RD.	695.16
OSBM 13	MINI R.R. SPIKE IN W. FACE OF UTILITY POLE W/LIGHT LOCATED AT THE N.E. CORNER OF CEDAR RD. AND MICHIGAN RD., APPROX 25' N OF MICHIGAN RD.	696.87
OSBM 20	SQUARE CUT SET ON NW CORNER OF WESTERLY CONC. HEADWALL OF CEDAR ROAD BRIDGE CROSSING HICKORY CREEK.	635.04
OSBM 21	MINI R.R. SPIKE IN WEST FACE OF UTILITY POLE LOCATED EAST SIDE OF CEDAR ROAD @ S.E. CORNER GALL LANE, 60' S. OF GALL LN.	669.14
OSBM 22	MINI R.R. SPIKE IN WEST FACE OF UTILITY POLE LOCATED @ S.E. CORNER OF CEDAR ROAD & ASPEN LN, 50' S. OF ASPEN LN.	672.26
OSBM 23	MINI R.R. SPIKE IN WEST FACE OF UTILITY POLE W/LIGHT LOCATED @ S.E. CORNER OF FRANCIS ROAD & CEDAR ROAD.	689.92
OSBM 17-1	SQUARE CUT ON NORTHEAST CORNER OF TRAFFIC BOX AT THE NORTHWEST CORNER OF CEDAR ROAD & ILLINOIS HIGHWAY	690.38
OSBM WHI	SPIKE IN UTILITY POLE ALONG WEST PROPERTY LINE OPPOSITE REAR ENTRANCE TO WHITE HORSE INN	632.27
OSBM 19-45	X-CUT ON SOUTHEAST FLANGE BOLT OF HYDRANT ON EAST SIDE OF CEDAR RD. AT INTERSECTION WITH FIRST AV.	676.21
OSBM HCR	RAILROAD SPIKE IN FACE OF POWER POLE ON SOUTH SIDE OF HAVEN AV. ACCROSS FROM ENTRY TO SILVER CROSS STAFF	662.57
OSBM 19-46	PARKING LOT @ 20' BEHIND WALK	

<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 1623 W. 109th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE ALIGNMENT, TIES, AND BENCHMARKS PROPOSED CEDAR ROAD NORTH /SOUTH LEG	F.A.U. R.T.E. = 0315	SECTION = 19-00043-00-CH	COUNTY = WILL	TOTAL SHEETS = 101	SHEET NO. = 18		
	PLOT SCALE = 5/8"	CHECKED - AJS	REVISED -			SCALE: 50'	SHEET 2 OF 5 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 2/14/2024	DATE -	REVISED -			CONTRACT NO. 61J08						

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PGL ALIGNMENT NAME: P_E_LEG										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
ELEG01	POT	300+00.00	1,765,046.94	1,084,828.57			350.62			
ELEG02	POT	303+50.62	1,765,056.70	1,085,179.06			599.38			
ELEG03	POT	309+50.00	1,765,068.72	1,085,778.32						



PGL ALIGNMENT NAME: P_W_LEG										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
WLEG01	POT	200+00.00	1,765,025.62	1,084,221.08			429.92			
P_W_LEG1	PC	204+29.92	1,765,038.61	1,084,650.81						
	PI	204+69.97	1,765,039.82	1,084,690.84						
	PT	205+09.52	1,765,051.84	1,084,729.04						
	CC		1,765,328.48	1,084,642.04	290.00'	40.05'	79.60'	79.35'	19° 45' 25.80"	15° 43' 33.51" LT
WLEG02	POT	206+00.00	1,765,078.99	1,084,815.36						

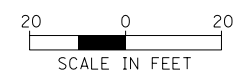
ELEVATION BENCHMARKS DATUM: NAVD 1988		
NO.	DESCRIPTION	ELEV.
OSBM 1	SQUARE CUT ON LIGHT POLE @ SW END OF PARKING LOT ON PRAIRIE RD. (REF. JOB #140264)	636.02
OSBM 3	SQUARE CUT ON N SIDE OF CONC. LIGHT POLE BASE @ SW CORNER OF DRIVEWAY TO METRA STATION AND CHURCH ST.	631.59
OSBM RT30-1	SQUARE CUT ON SE CORNER OF TRAFFIC CONTROL BOX BASE @ NW CORNER OF PRAIRIE RD. & RTE. 30	647.68
OSBM RT30-2	SQUARE CUT ON N SIDE OF CONC. BASE OF TRAFFIC LIGHT ON SW CORNER OF RTE. 30 & CEDAR RD.	638.37
OSBM RT30-3	SQUARE CUT ON SE CORNER OF CONC. BASE FOR "SPEEDWAY" GAS STATION SIGN AT ADDRESS #301 RTE. 30	635.68
OSBM RT30-4	SQUARE CUT ON S SIDE OF CONC. BASE FOR TRAFFIC SIGNAL @ SW CORNER OF VINE ST. & RTE. 30	627.32
OSBM 11	R.R. SPIKE FND E. FACE OF U.P. W LIGHT @ S.W. CORNER SECOND AV. & CEDAR RD.	679.64
OSBM 12	MINI R.R. SPIKE SET ON FACE OF UTILITY POLE W/ LIGHT LOCATED @ N.W. CORNER OF CENTRAL RD. AND CEDAR RD.	695.16
OSBM 13	MINI R.R. SPIKE IN W. FACE OF UTILITY POLE W/ LIGHT LOCATED AT THE N.E. CORNER OF CEDAR RD. AND MICHIGAN RD., APPROX 25' N OF MICHIGAN RD.	696.87
OSBM 20	SQUARE CUT SET ON NW CORNER OF WESTERLY CONC. HEADWALL OF CEDAR ROAD BRIDGE CROSSING HICKORY CREEK.	635.04
OSBM 21	MINI R.R. SPIKE IN WEST FACE OF UTILITY POLE LOCATED EAST SIDE OF CEDAR ROAD @ S.E. CORNER GALL LANE, 60' S. OF GALL LN.	669.14
OSBM 22	MINI R.R. SPIKE IN WEST FACE OF UTILITY POLE LOCATED @ S.E. CORNER OF CEDAR ROAD & ASPEN LN, 50' S. OF ASPEN LN.	672.26
OSBM 23	MINI R.R. SPIKE IN WEST FACE OF UTILITY POLE W/ LIGHT LOCATED @ S.E. CORNER OF FRANCIS ROAD & CEDAR ROAD.	689.92
OSBM 17-1	SQUARE CUT ON NORTHEAST CORNER OF TRAFFIC BOX AT THE NORTHWEST CORNER OF CEDAR ROAD & ILLINOIS HIGHWAY	690.38
OSBM WHI	SPIKE IN UTILITY POLE ALONG WEST PROPERTY LINE OPPOSITE REAR ENTERANCE TO WHITE HORSE INN	632.27
OSBM 19-45	X-CUT ON SOUTHEAST FLANGE BOLT OF HYDRANT ON EAST SIDE OF CEDAR RD. AT INTERSECTION WITH FIRST AV.	676.21
OSBM 19-46	RAILROAD SPIKE IN FACE OF POWER POLE ON SOUTH SIDE OF HAVEN AV. ACCROSS FROM ENTRY TO SILVER CROSS STAFF PARKING LOT ±20' BEHIND WALK	662.57

<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 1623 W. 109th Street, Suite 201 Lockport, IL 60441 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE ALIGNMENT, TIES, AND BENCHMARKS PROPOSED CEDAR ROAD EW LEGS	F.A.U. RTE. 0315	SECTION 19-00043-00-CH	COUNTY WILL	TOTAL SHEETS 101	SHEET NO. 19	
	PLOT SCALE = 50'	CHECKED - AJS	REVISED -			SCALE: 50'	SHEET 3 OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 61J08		ILLINOIS FED. AID PROJECT
	PLOT DATE = 2/14/2024	DATE -	REVISED -								

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PGL ALIGNMENT NAME: NLNB_PGL										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
NLNB01	POT	30+00.00	1,765,139.52	1,084,805.28			45.25			
NLNB02	POT	30+45.25	1,765,178.55	1,084,782.39			8.40			
NLNB03	POT	30+53.65	1,765,179.26	1,084,774.02						

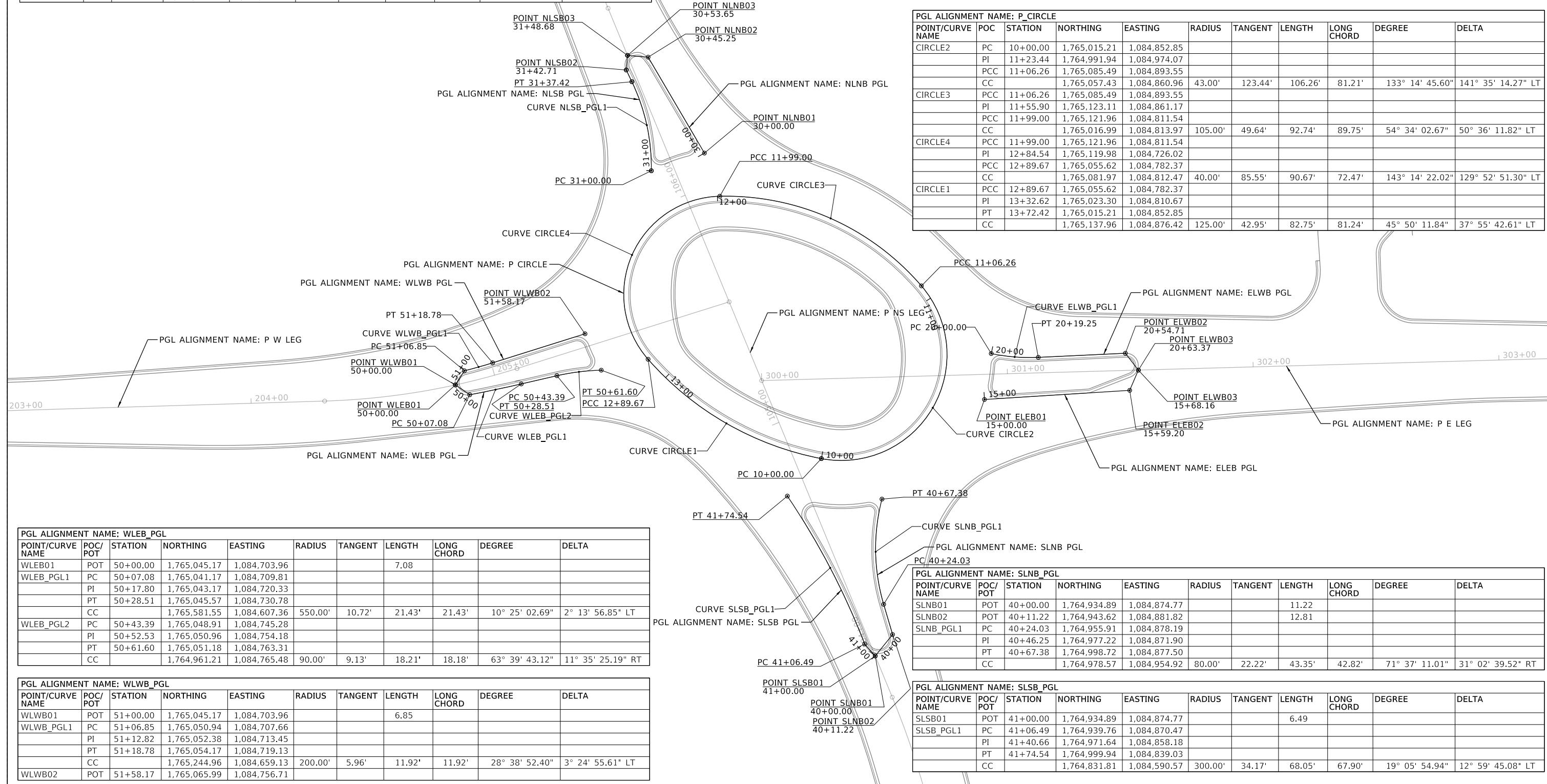
PGL ALIGNMENT NAME: NLSB_PGL										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
NLSB_PGL1	PC	31+00.00	1,765,132.32	1,084,783.68						
	PI	31+19.06	1,765,151.38	1,084,784.04						
	PT	31+37.42	1,765,168.55	1,084,775.78						
	CC		1,765,133.85	1,084,703.70	80.00'	19.06'	37.42'	37.08'	71° 37' 11.01"	26° 48' 06.10" LT
NLSB02	POT	31+42.71	1,765,173.32	1,084,773.48			5.96			
NLSB03	POT	31+48.68	1,765,179.26	1,084,774.02						



PGL ALIGNMENT NAME: ELEB_PGL											
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA	
ELEB01	POT	15+00.00	1,765,039.26	1,084,919.19			59.20				
ELEB02	POT	15+59.20	1,765,042.98	1,084,978.28			8.95				
ELEB03	POT	15+68.16	1,765,051.21	1,084,981.80							

PGL ALIGNMENT NAME: ELWB_PGL											
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA	
ELWB_PGL1	PC	20+00.00	1,765,057.94	1,084,921.96							
	PI	20+09.68	1,765,055.93	1,084,931.42							
	PT	20+19.25	1,765,056.39	1,084,941.09							
	CC		1,765,131.30	1,084,937.54	75.00'	9.68'	19.25'	19.20'	76° 23' 39.74"	14° 42' 19.06" LT	
ELWB02	POT	20+54.71	1,765,058.07	1,084,976.51			8.66				
ELWB03	POT	20+63.37	1,765,051.21	1,084,981.80							

PGL ALIGNMENT NAME: P_CIRCLE											
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA	
CIRCLE2	PC	10+00.00	1,765,015.21	1,084,852.85							
	PI	11+23.44	1,764,991.94	1,084,974.07							
	PCC	11+06.26	1,765,085.49	1,084,893.55							
	CC		1,765,057.43	1,084,860.96	43.00'	123.44'	106.26'	81.21'	133° 14' 45.60"	141° 35' 14.27" LT	
CIRCLE3	PCC	11+06.26	1,765,085.49	1,084,893.55							
	PI	11+55.90	1,765,123.11	1,084,861.17							
	PCC	11+99.00	1,765,121.96	1,084,811.54							
	CC		1,765,016.99	1,084,813.97	105.00'	49.64'	92.74'	89.75'	54° 34' 02.67"	50° 36' 11.82" LT	
CIRCLE4	PCC	11+99.00	1,765,121.96	1,084,811.54							
	PI	12+84.54	1,765,119.98	1,084,726.02							
	PCC	12+89.67	1,765,055.62	1,084,782.37							
	CC		1,765,081.97	1,084,812.47	40.00'	85.55'	90.67'	72.47'	143° 14' 22.02"	129° 52' 51.30" LT	
CIRCLE1	PCC	12+89.67	1,765,055.62	1,084,782.37							
	PI	13+32.62	1,765,023.30	1,084,810.67							
	PT	13+72.42	1,765,015.21	1,084,852.85							
	CC		1,765,137.96	1,084,876.42	125.00'	42.95'	82.75'	81.24'	45° 50' 11.84"	37° 55' 42.61" LT	



PGL ALIGNMENT NAME: WLEB_PGL										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
WLEB01	POT	50+00.00	1,765,045.17	1,084,703.96			7.08			
WLEB_PGL1	PC	50+07.08	1,765,041.17	1,084,709.81						
	PI	50+17.80	1,765,043.17	1,084,720.33						
	PT	50+28.51	1,765,045.57	1,084,730.78						
	CC		1,765,581.55	1,084,607.36	550.00'	10.72'	21.43'	21.43'	10° 25' 02.69"	2° 13' 56.85" LT
WLEB_PGL2	PC	50+43.39	1,765,048.91	1,084,745.28						
	PI	50+52.53	1,765,050.96	1,084,754.18						
	PT	50+61.60	1,765,051.18	1,084,763.31						
	CC		1,764,961.21	1,084,765.48	90.00'	9.13'	18.21'	18.18'	63° 39' 43.12"	11° 35' 25.19" RT

PGL ALIGNMENT NAME: WLWB_PGL										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
WLWB01	POT	51+00.00	1,765,045.17	1,084,703.96			6.85			
WLWB_PGL1	PC	51+06.85	1,765,050.94	1,084,707.66						
	PI	51+12.82	1,765,052.38	1,084,713.45						
	PT	51+18.78	1,765,054.17	1,084,719.13						
	CC		1,765,244.96	1,084,659.13	200.00'	5.96'	11.92'	11.92'	28° 38' 52.40"	3° 24' 55.61" LT
WLWB02	POT	51+58.17	1,765,065.99	1,084,756.71						

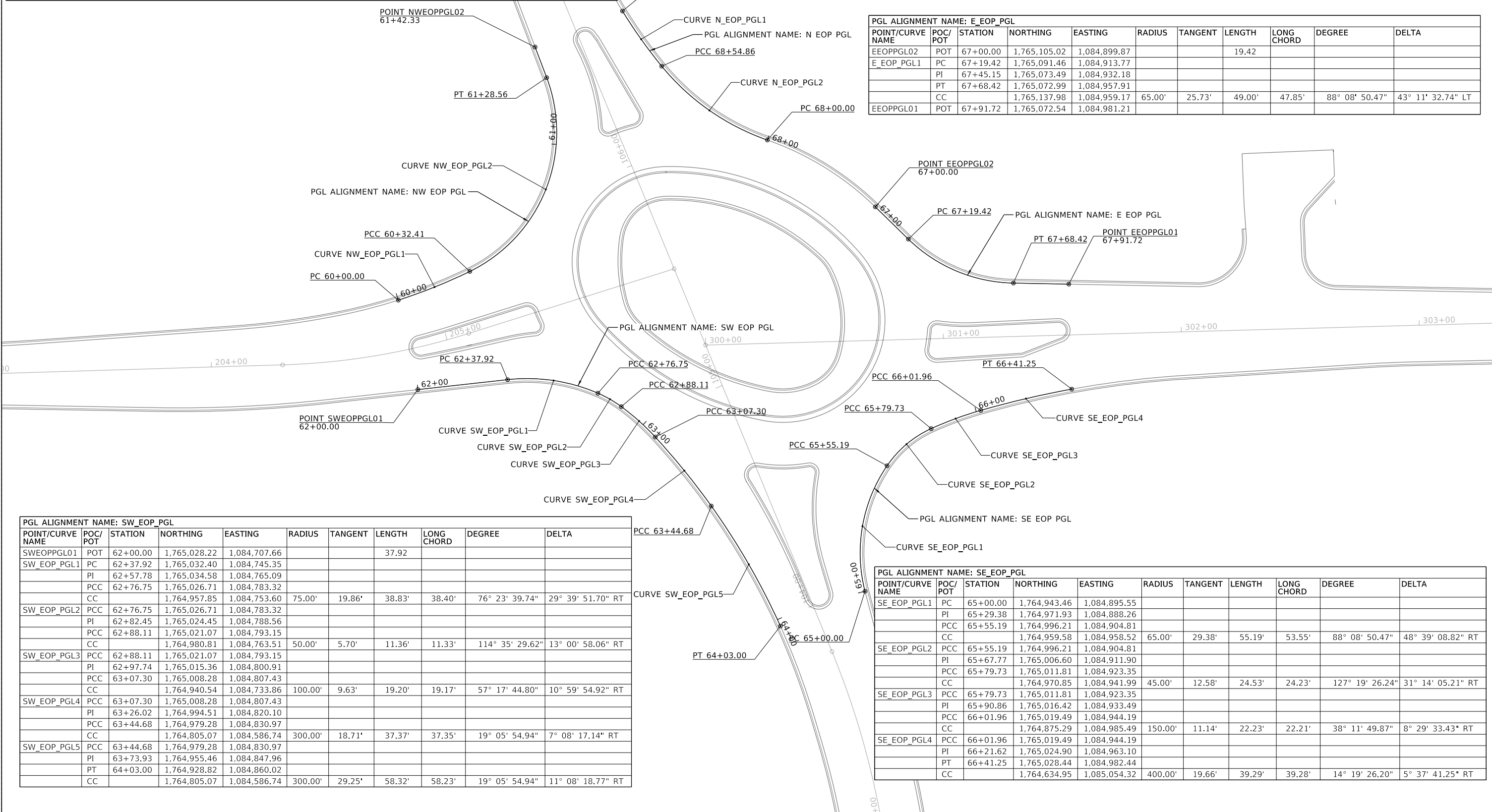
PGL ALIGNMENT NAME: SLNB_PGL											
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA	
SLNB01	POT	40+00.00	1,764,934.89	1,084,874.77			11.22				
SLNB02	POT	40+11.22	1,764,943.62	1,084,881.82			12.81				
SLNB_PGL1	PC	40+24.03	1,764,955.91	1,084,878.19							
	PI	40+46.25	1,764,977.22	1,084,871.90							
	PT	40+67.38	1,764,998.72	1,084,877.50							
	CC		1,764,978.57	1,084,954.92	80.00'	22.22'	43.35'	42.82'	71° 37' 11.01"	31° 02' 39.52" RT	

PGL ALIGNMENT NAME: SLSB_PGL											
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA	
SLSB01	POT	41+00.00	1,764,934.89	1,084,874.77			6.49				
SLSB_PGL1	PC	41+06.49	1,764,939.76	1,084,870.47							
	PI	41+40.66	1,764,971.64	1,084,858.18							
	PT	41+74.54	1,764,999.94	1,084,839.03							
	CC		1,764,831.81	1,084,590.57	300.00'	34.17'	68.05'	67.90'	19° 05' 54.94"	12° 59' 45.08" LT	

PGL ALIGNMENT NAME: NW_EOP_PGL										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
NW_EOP_PGL1	PC	60+00.00	1,765,065.82	1,084,699.44						
	PI	60+16.24	1,765,070.77	1,084,714.91						
	PCC	60+32.41	1,765,077.89	1,084,729.50						
	CC		1,765,280.12	1,084,630.88	225.00'	16.24'	32.41'	32.39'	25° 27' 53.25"	8° 15' 15.54" LT
NW_EOP_PGL2	PCC	60+32.41	1,765,077.89	1,084,729.50						
	PI	60+91.72	1,765,103.88	1,084,782.80						
	PT	61+28.56	1,765,159.34	1,084,761.79						
	CC		1,765,136.31	1,084,701.01	65.00'	59.30'	96.15'	87.62'	88° 08' 50.47"	84° 45' 06.19" LT
NWEOPPGL02	POT	61+42.33	1,765,172.21	1,084,756.92						

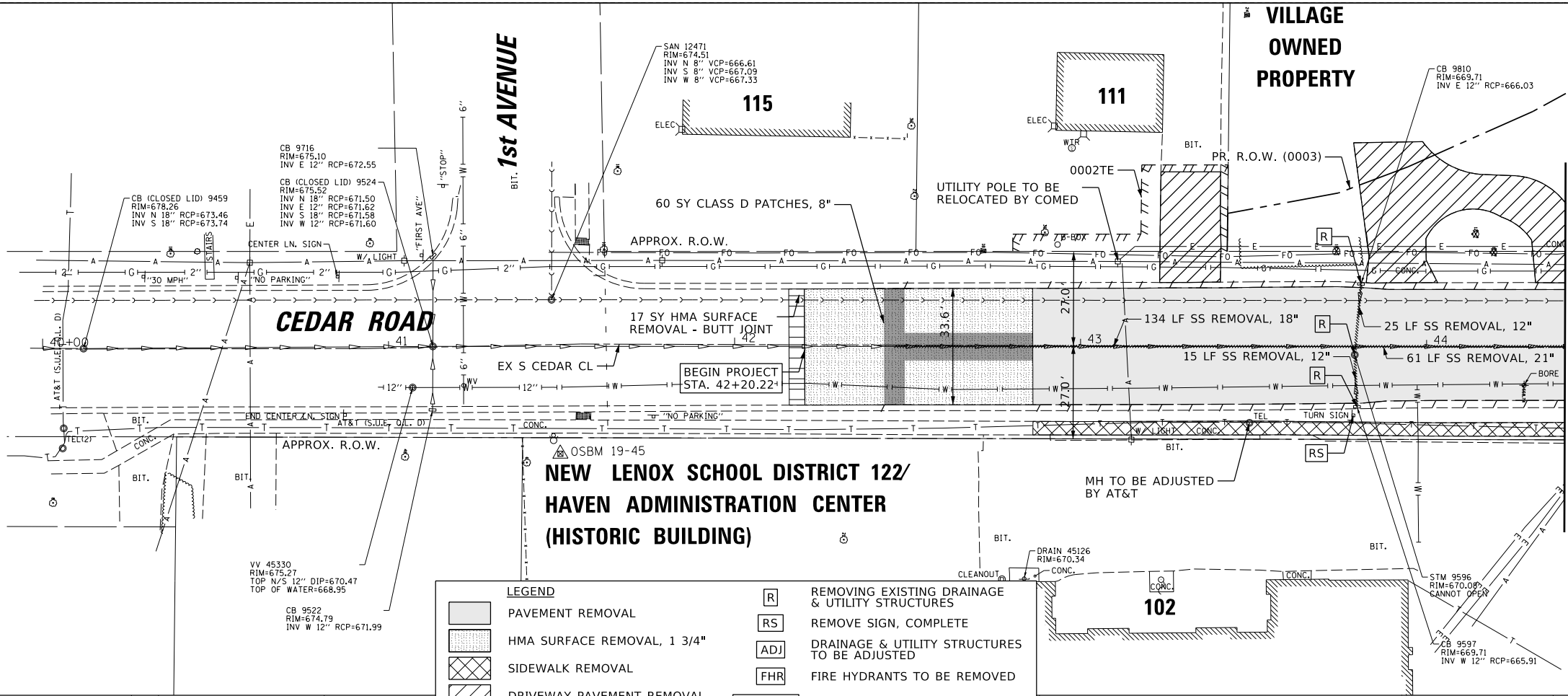
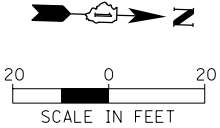
PGL ALIGNMENT NAME: N_EOP_PGL										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
N_EOP_PGL2	PC	68+00.00	1,765,133.11	1,084,854.52						
	PI	68+28.14	1,765,142.39	1,084,827.95						
	PCC	68+54.86	1,765,164.16	1,084,810.12						
	CC		1,765,227.52	1,084,887.49	100.00'	28.14'	54.86'	54.18'	57° 17' 44.81"	31° 26' 05.47" RT
N_EOP_PGL1	PCC	68+54.86	1,765,164.16	1,084,810.12						
	PI	68+69.12	1,765,175.19	1,084,801.09						
	PT	68+83.34	1,765,187.35	1,084,793.63						
	CC		1,765,297.21	1,084,972.60	210.00'	14.26'	28.48'	28.46'	27° 17' 01.34"	7° 46' 10.63" RT

PGL ALIGNMENT NAME: E_EOP_PGL										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
EEOPPGL02	POT	67+00.00	1,765,105.02	1,084,899.87			19.42			
E_EOP_PGL1	PC	67+19.42	1,765,091.46	1,084,913.77						
	PI	67+45.15	1,765,073.49	1,084,932.18						
	PT	67+68.42	1,765,072.99	1,084,957.91						
	CC		1,765,137.98	1,084,959.17	65.00'	25.73'	49.00'	47.85'	88° 08' 50.47"	43° 11' 32.74" LT
EEOPPGL01	POT	67+91.72	1,765,072.54	1,084,981.21						



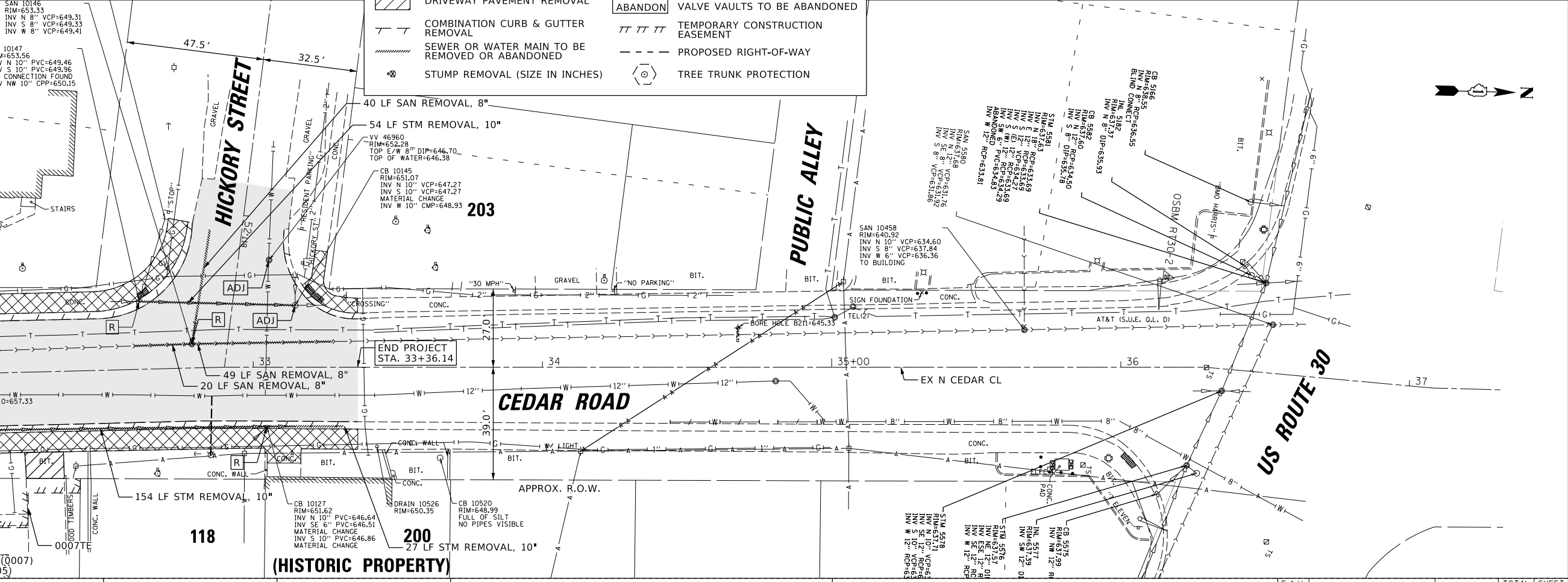
PGL ALIGNMENT NAME: SW_EOP_PGL										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
SWEOPPGL01	POT	62+00.00	1,765,028.22	1,084,707.66			37.92			
SW_EOP_PGL1	PC	62+37.92	1,765,032.40	1,084,745.35						
	PI	62+57.78	1,765,034.58	1,084,765.09						
	PCC	62+76.75	1,765,026.71	1,084,783.32						
	CC		1,764,957.85	1,084,753.60	75.00'	19.86'	38.83'	38.40'	76° 23' 39.74"	29° 39' 51.70" RT
SW_EOP_PGL2	PCC	62+76.75	1,765,026.71	1,084,783.32						
	PI	62+82.45	1,765,024.45	1,084,788.56						
	PCC	62+88.11	1,765,021.07	1,084,793.15						
	CC		1,764,980.81	1,084,763.51	50.00'	5.70'	11.36'	11.33'	114° 35' 29.62"	13° 00' 58.06" RT
SW_EOP_PGL3	PCC	62+88.11	1,765,021.07	1,084,793.15						
	PI	62+97.74	1,765,015.36	1,084,800.91						
	PCC	63+07.30	1,765,008.28	1,084,807.43						
	CC		1,764,940.54	1,084,733.86	100.00'	9.63'	19.20'	19.17'	57° 17' 44.80"	10° 59' 54.92" RT
SW_EOP_PGL4	PCC	63+07.30	1,765,008.28	1,084,807.43						
	PI	63+26.02	1,764,994.51	1,084,820.10						
	PCC	63+44.68	1,764,979.28	1,084,830.97						
	CC		1,764,805.07	1,084,586.74	300.00'	18.71'	37.37'	37.35'	19° 05' 54.94"	7° 08' 17.14" RT
SW_EOP_PGL5	PCC	63+44.68	1,764,979.28	1,084,830.97						
	PI	63+73.93	1,764,955.46	1,084,847.96						
	PT	64+03.00	1,764,928.82	1,084,860.02						
	CC		1,764,805.07	1,084,586.74	300.00'	29.25'	58.32'	58.23'	19° 05' 54.94"	11° 08' 18.77" RT

PGL ALIGNMENT NAME: SE_EOP_PGL										
POINT/CURVE NAME	POC/POT	STATION	NORTHING	EASTING	RADIUS	TANGENT	LENGTH	LONG CHORD	DEGREE	DELTA
SE_EOP_PGL1	PC	65+00.00	1,764,943.46	1,084,895.55						
	PI	65+29.38	1,764,971.93	1,084,888.26						
	PCC	65+55.19	1,764,996.21	1,084,904.81						
	CC		1,764,959.58	1,084,958.52	65.00'	29.38'	55.19'	53.55'	88° 08' 50.47"	48° 39' 08.82" RT
SE_EOP_PGL2	PCC	65+55.19	1,764,996.21	1,084,904.81						
	PI	65+67.77	1,765,006.60	1,084,911.90						
	PCC	65+79.73	1,765,011.81	1,084,923.35						
	CC		1,764,970.85	1,084,941.99	45.00'	12.58'	24.53'	24.23'	127° 19' 26.24"	31° 14' 05.21" RT
SE_EOP_PGL3	PCC	65+79.73	1,765,011.81	1,084,923.35						
	PI	65+90.86	1,765,016.42	1,084,933.49						
	PCC	66+01.96	1,765,019.49	1,084,944.19						
	CC		1,764,875.29	1,084,985.49	150.00'	11.14'	22.23'	22.21'	38° 11' 49.87"	8° 29' 33.43" RT
SE_EOP_PGL4	PCC	66+01.96	1,765,019.49	1,084,944.19						
	PI	66+21.62	1,765,024.90	1,084,963.10						
	PT	66+41.25	1,765,028.44	1,084,982.44						
	CC		1,764,634.95	1,085,054.32	400.00'	19.66'	39.29'	39.28'	14° 19' 26.20"	5° 37' 41.25" RT



MATCH LINE STA. 44 + 40
SEE SHEET 23

LEGEND	
	PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, 1 3/4"
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	COMBINATION CURB & GUTTER REMOVAL
	SEWER OR WATER MAIN TO BE REMOVED OR ABANDONED
	STUMP REMOVAL (SIZE IN INCHES)
	REMOVING EXISTING DRAINAGE & UTILITY STRUCTURES
	REMOVE SIGN, COMPLETE
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	FIRE HYDRANTS TO BE REMOVED
	VALVE VAULTS TO BE ABANDONED
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED RIGHT-OF-WAY
	TREE TRUNK PROTECTION



MATCH LINE STA. 31 + 50
SEE SHEET 23

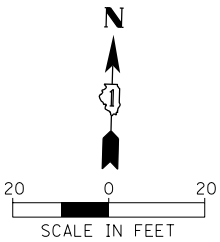
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PLOT SCALE = 28'	DRAWN - PWN/JRS	REVISED -
PLOT DATE = 2/14/2024	CHECKED - AJS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

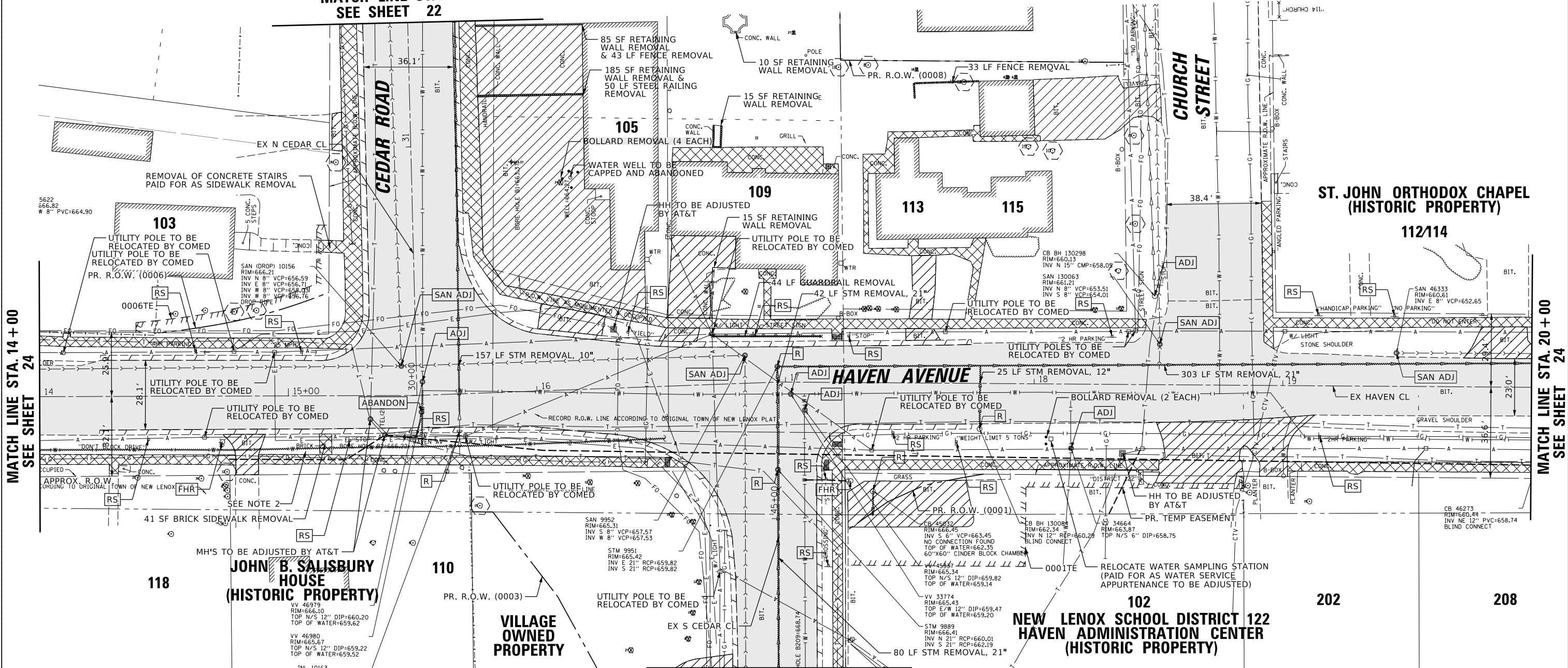
CEDAR ROAD AND HAVEN AVENUE EXISTING CONDITIONS AND REMOVAL PLAN	
SCALE: 20'	SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 0369	SECTION 19-00043-00-CH	COUNTY WILL	TOTAL SHEETS 101	SHEET NO. 22
CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT	

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MATCH LINE STA. 31 + 50
SEE SHEET 22



MATCH LINE STA. 14 + 00
SEE SHEET 24

MATCH LINE STA. 20 + 00
SEE SHEET 24

MATCH LINE STA. 44 + 40
SEE SHEET 22

- NOTES:
- THE EXISTING BUILDINGS LOCATED AT 105 E HAVEN AVE, 109 E HAVEN AVE, AND 113/115 E HAVEN AVE SHALL BE DEMOLISHED BY OTHERS UNDER A SEPARATE CONTRACT PRIOR TO CONSTRUCTION. THE DEMOLITION IS ASSUMED TO INCLUDE COMPLETE REMOVAL AND BACKFILL OF ALL BUILDING STRUCTURES FOUNDATIONS LOCATED ON EACH PARCEL. ALL HARDSCAPE ITEMS OUTSIDE OF THE BUILDING FOOTPRINT SHALL BE REMOVED AS PART OF THIS CONTRACT AS SHOWN ON THESE PLANS.
 - THE DECORATIVE BOULDERS LOCATED IN THE HAVEN AVENUE PARKWAY IN FRONT OF 110 HAVEN AVENUE SHALL BE RELOCATED BEHIND THE PROPOSED SIDEWALK. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE EARTH EXCAVATION.

LEGEND			
[Pattern]	PAVEMENT REMOVAL	[R]	REMOVING EXISTING DRAINAGE & UTILITY STRUCTURES
[Pattern]	HMA SURFACE REMOVAL, 1 3/4"	[RS]	REMOVE SIGN, COMPLETE
[Pattern]	SIDEWALK REMOVAL	[ADJ]	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
[Pattern]	DRIVEWAY PAVEMENT REMOVAL	[FHR]	FIRE HYDRANTS TO BE REMOVED
[Pattern]	COMBINATION CURB & GUTTER REMOVAL	[ABANDON]	VALVE VAULTS TO BE ABANDONED
[Pattern]	SEWER OR WATER MAIN TO BE REMOVED OR ABANDONED	[EASEMENT]	TEMPORARY CONSTRUCTION EASEMENT
[Symbol]	STUMP REMOVAL (SIZE IN INCHES)	[DASH]	PROPOSED RIGHT-OF-WAY
[Symbol]		[CIRCLE]	TREE TRUNK PROTECTION

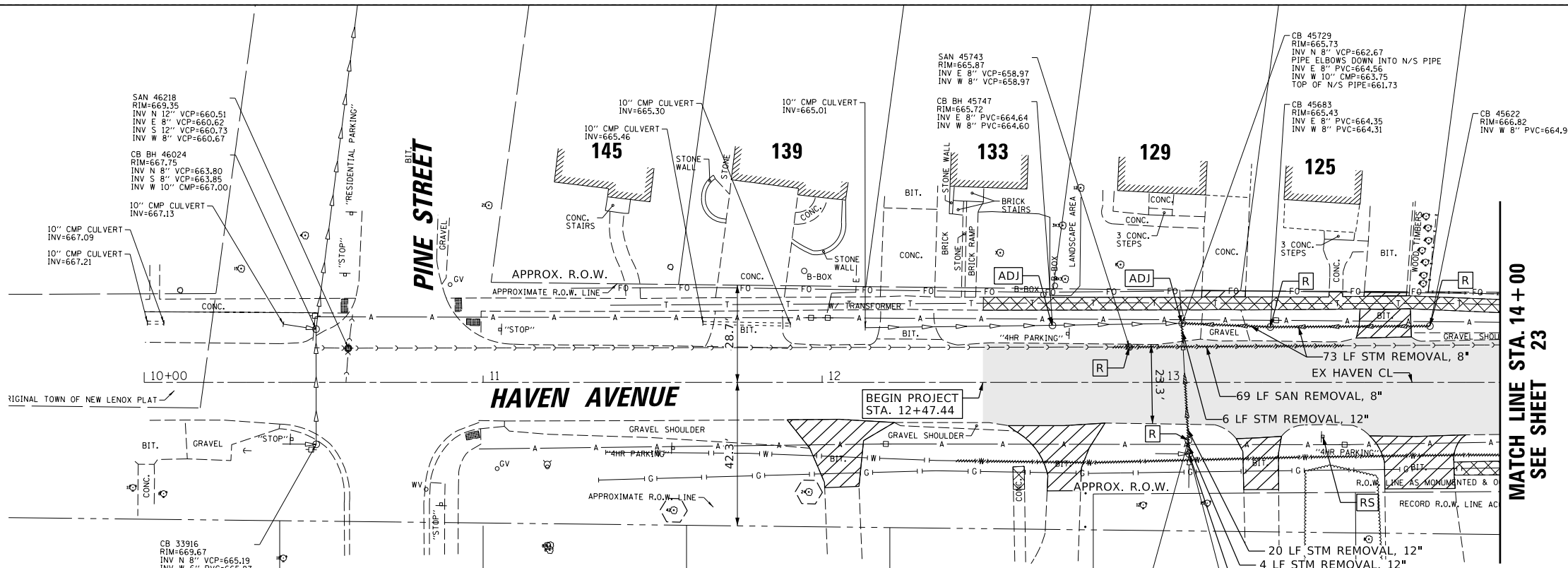
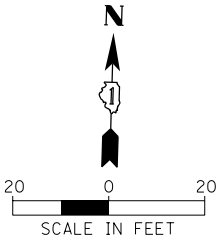
CHRISTOPHER B. BURKE ENGINEERING, LTD.
1023 W. 109th Street, Suite 201
Lockport, IL 60441
(815) 770-2850

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
PLOT SCALE = 28'	DRAWN - PWN/JRS	REVISED -
PLOT DATE = 2/14/2024	CHECKED - AJS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

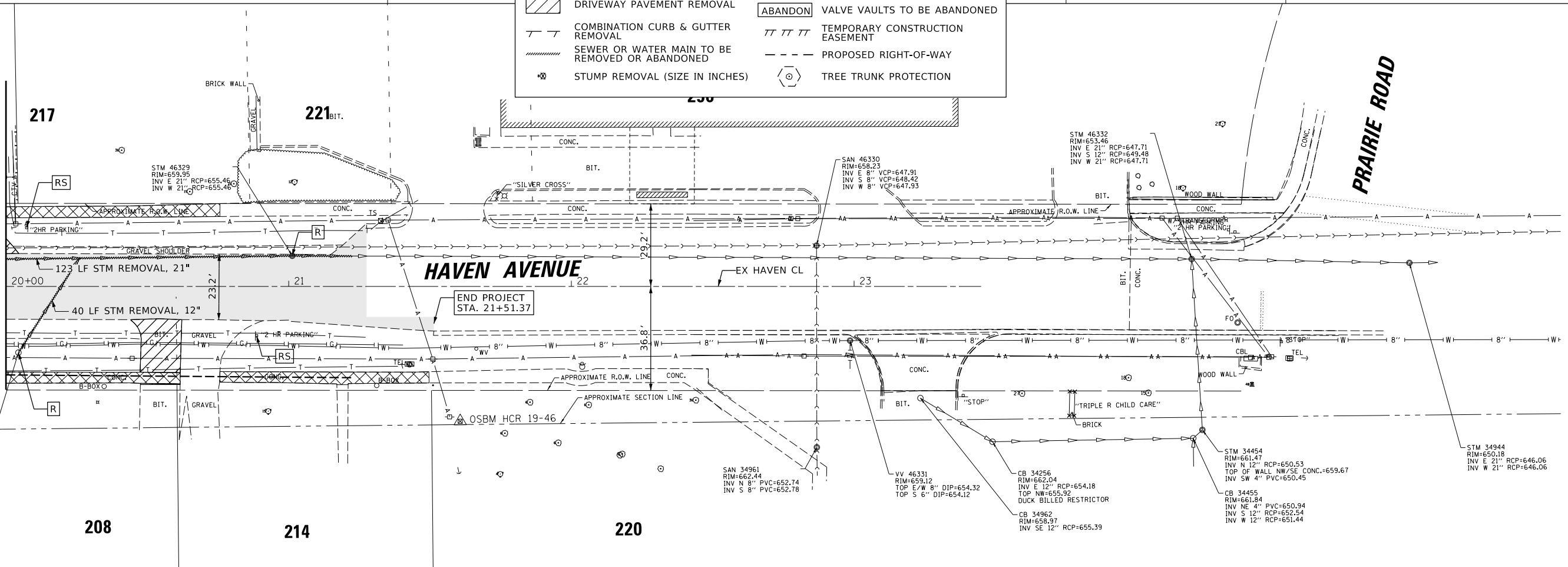
CEAR ROAD AND HAVEN AVENUE
EXISTING CONDITIONS AND REMOVAL PLAN
SCALE: 20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	23
				CONTRACT NO. 61J08
ILLINOIS FED. AID PROJECT				



LEGEND	
	PAVEMENT REMOVAL
	HMA SURFACE REMOVAL, 1 3/4"
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	COMBINATION CURB & GUTTER REMOVAL
	SEWER OR WATER MAIN TO BE REMOVED OR ABANDONED
	STUMP REMOVAL (SIZE IN INCHES)
	REMOVING EXISTING DRAINAGE & UTILITY STRUCTURES
	REMOVE SIGN, COMPLETE
	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED
	FIRE HYDRANTS TO BE REMOVED
	VALVE VAULTS TO BE ABANDONED
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED RIGHT-OF-WAY
	TREE TRUNK PROTECTION

MATCH LINE STA. 20 + 00
SEE SHEET 23



CHRISTOPHER B. BURKE ENGINEERING, LTD.
1023 W. 109th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
PLOT SCALE = 28'	DRAWN - PWN/JRS	REVISED -
PLOT DATE = 2/14/2024	CHECKED - AJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CEDAR ROAD AND HAVEN AVENUE EXISTING CONDITIONS AND REMOVAL PLAN		
SCALE: 20'	SHEET 3 OF 3 SHEETS	STA. TO STA.

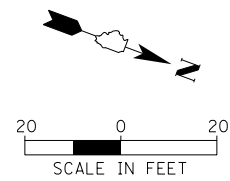
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J08	

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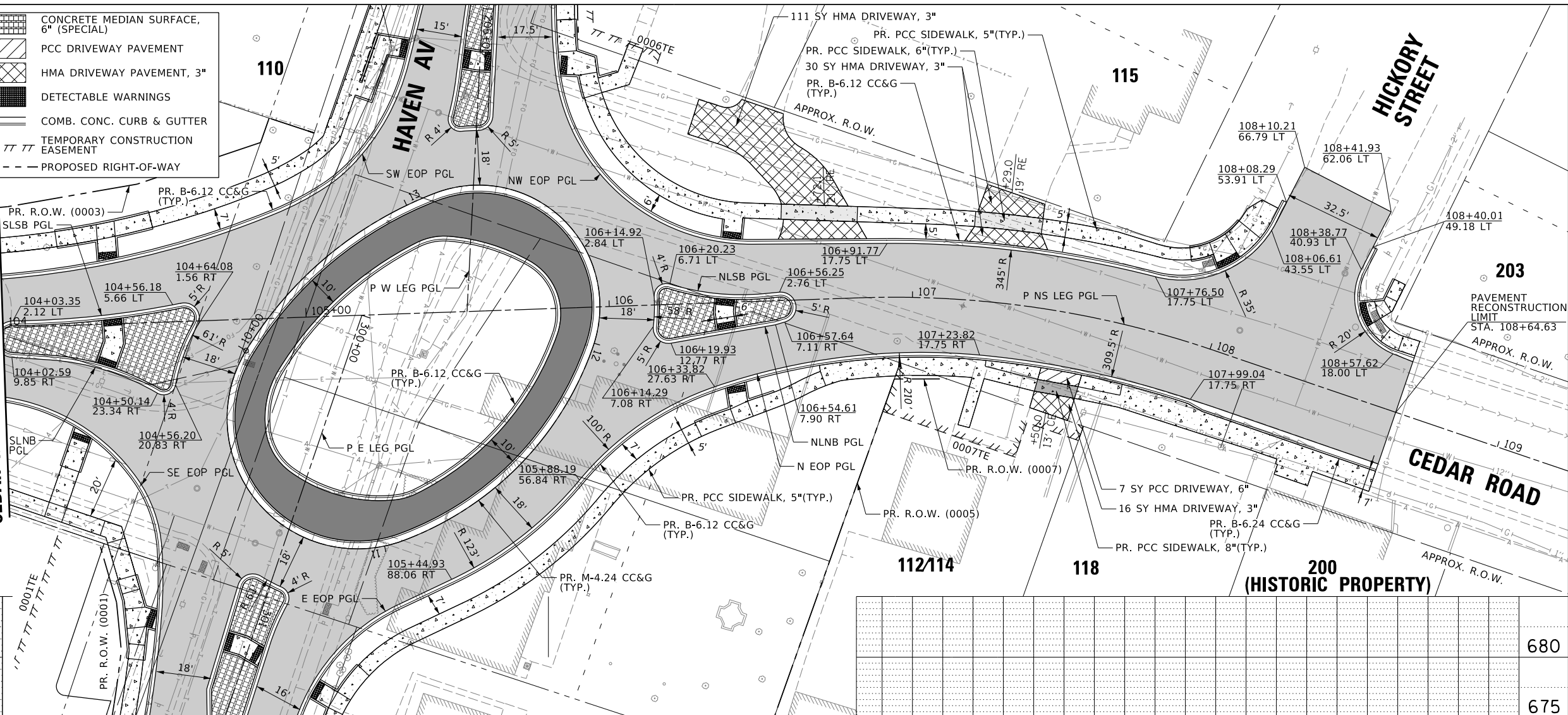
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK NO.	
	CARD FILE NAME	

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

- LEGEND**
- 2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70
 - 8" HMA BINDER COURSE, IL-19.0, N70
 - AGGREGATE BASE COURSE, TYPE B 6"
 - 2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70
 - PCC SIDEWALK, 5"
 - PCC SIDEWALK, 6"
 - PCC SIDEWALK, 8"
 - PCC PAVEMENT 10" (JOINTED) SPECIAL
 - CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
 - PCC DRIVEWAY PAVEMENT
 - HMA DRIVEWAY PAVEMENT, 3"
 - DETECTABLE WARNINGS
 - COMB. CONC. CURB & GUTTER
 - TEMPORARY CONSTRUCTION EASEMENT
 - PROPOSED RIGHT-OF-WAY



CEDAR RD MATCH LINE STA. 104+00.00



- NOTES:**
- SEE ALIGNMENT, TIES AND BENCHMARKS SHEETS FOR DETAILED HORIZONTAL LAYOUT INFORMATION FOR THE PROPOSED SPLITTER ISLAND AND EDGE OF PAVEMENT PGL'S.
 - SEE SHEET 31 FOR PROPOSED SPLITTER ISLAND AND CURVE PROFILES AND SHEET 32 FOR PROPOSED EOP PROFILES.



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 16221 W. 156th Street, Suite 201
 Lockport, IL 60441
 (815) 770-2850

USER NAME = jspeelman
PLOT SCALE = 28'
PLOT DATE = 2/14/2024

DESIGNED - AJS/JRS	REVISED -
DRAWN - PWN/JRS	REVISED -
CHECKED - AJS	REVISED -
DATE -	REVISED -

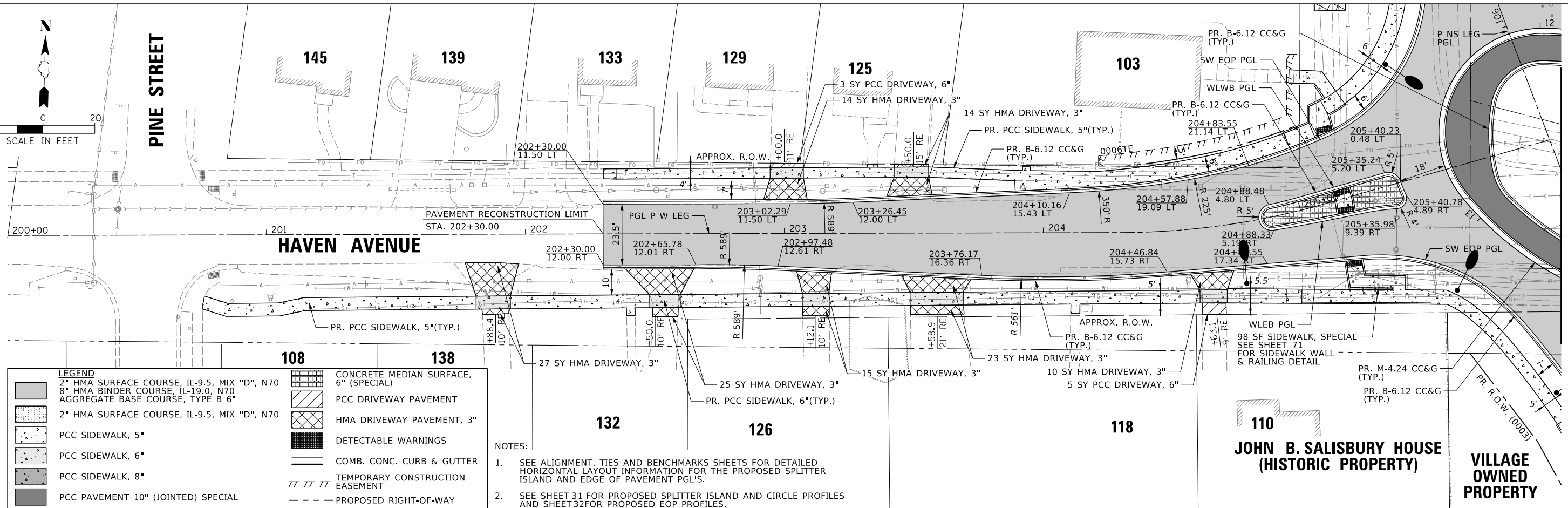
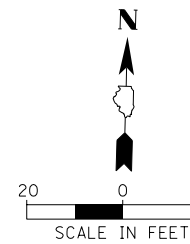
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CEAR ROAD AT HAVEN AVENUE ROADWAY PLAN AND PROFILE CEDAR ROAD			
SCALE: 1' = 20'	SHEET 2 OF 8 SHEETS	STA. 106+81.54 TO STA. 109+00	

F.A.U. RTE. 0369	SECTION 19-00043-00-CH	COUNTY WILL	TOTAL SHEETS 101	SHEET NO. 26
CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT	

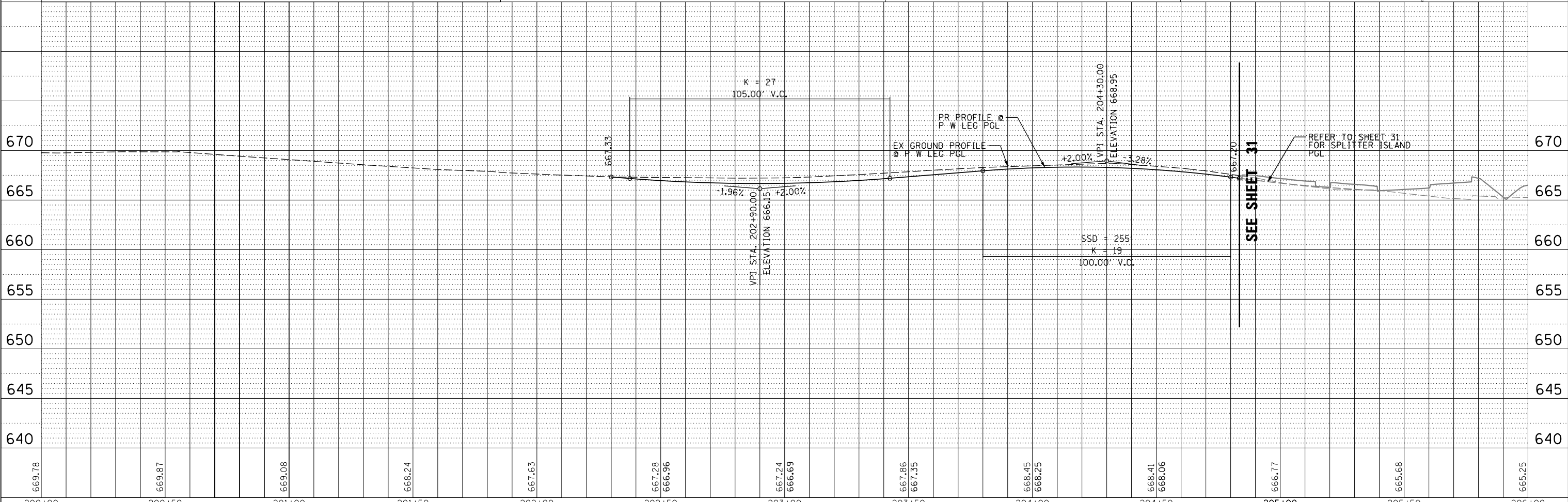
PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO. _____	



LEGEND	
2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70	CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
8" HMA BINDER COURSE, IL-19.0, N70	PCC DRIVEWAY PAVEMENT
AGGREGATE BASE COURSE, TYPE B 6"	HMA DRIVEWAY PAVEMENT, 3"
PCC SIDEWALK, 5"	DETECTABLE WARNINGS
PCC SIDEWALK, 6"	COMB. CONC. CURB & GUTTER
PCC SIDEWALK, 8"	TEMPORARY CONSTRUCTION EASEMENT
PCC PAVEMENT 10" (JOINTED) SPECIAL	PROPOSED RIGHT-OF-WAY

- NOTES:
- SEE ALIGNMENT, TIES AND BENCHMARKS SHEETS FOR DETAILED HORIZONTAL LAYOUT INFORMATION FOR THE PROPOSED SPLITTER ISLAND AND EDGE OF PAVEMENT PGL'S.
 - SEE SHEET 31 FOR PROPOSED SPLITTER ISLAND AND CIRCLE PROFILES AND SHEET 32 FOR PROPOSED EOP PROFILES.

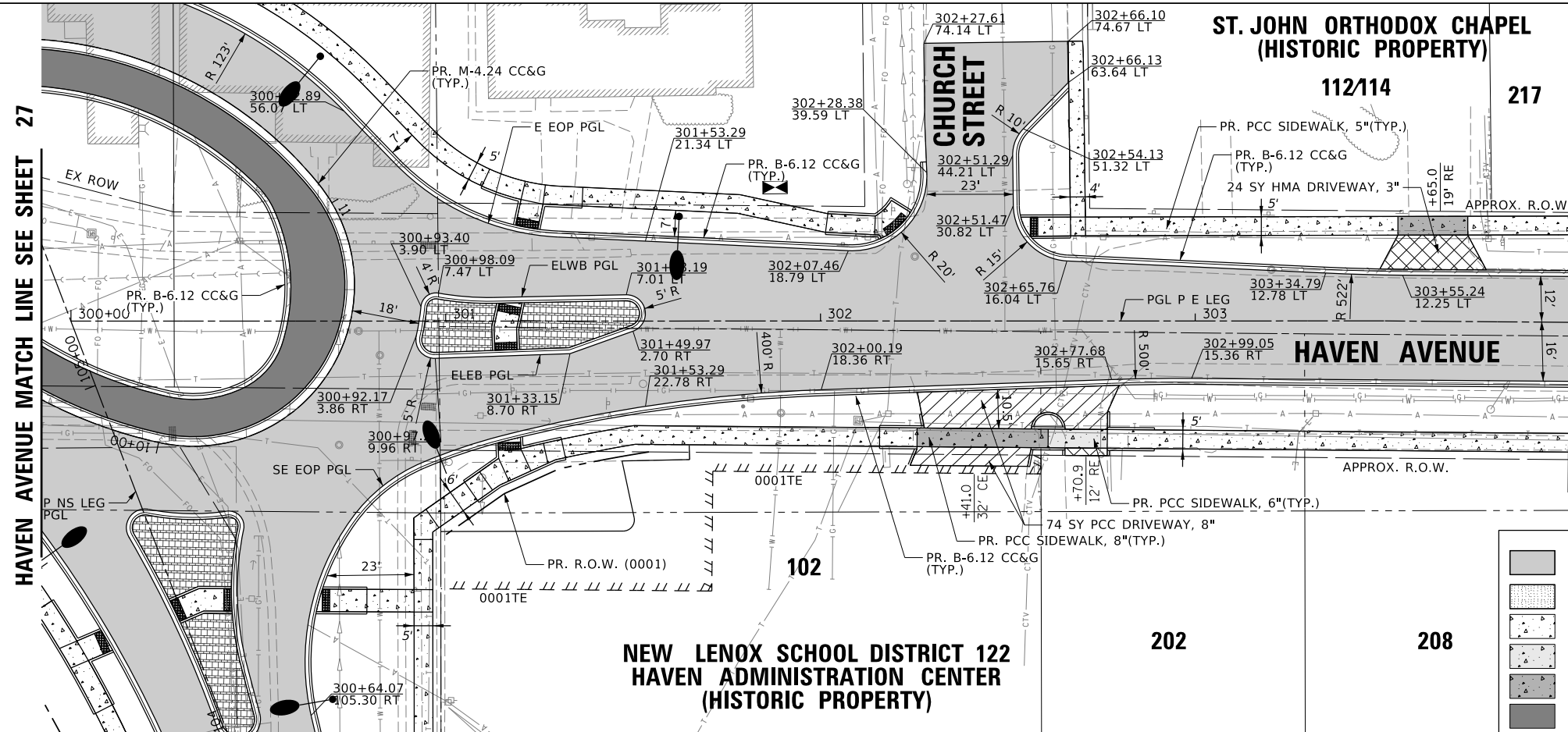


CHRISTOPHER B. BURKE ENGINEERING, LTD. <small>16221 W. 156th Street, Suite 201 Lockport, IL 60461 (815) 770-2850</small>		USER NAME = jspeelman DESIGNED - AJS/JRS DRAWN - PWN/JRS CHECKED - AJS DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CEDAR ROAD AT HAVEN AVENUE ROADWAY PLAN AND PROFILE HAVEN AVENUE		F.A.U. R.T.E. 0315 SECTION 19-00043-00-CH COUNTY WILL CONTRACT NO. 61J08	TOTAL SHEETS 101 SHEET NO. 27
PLOT SCALE = 28" PLOT DATE = 2/14/2024		SCALE: 1' = 20' SHEET 3 OF 8 SHEETS STA. 200+00 TO STA. 204+83.55		ILLINOIS FED. AID PROJECT					

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PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

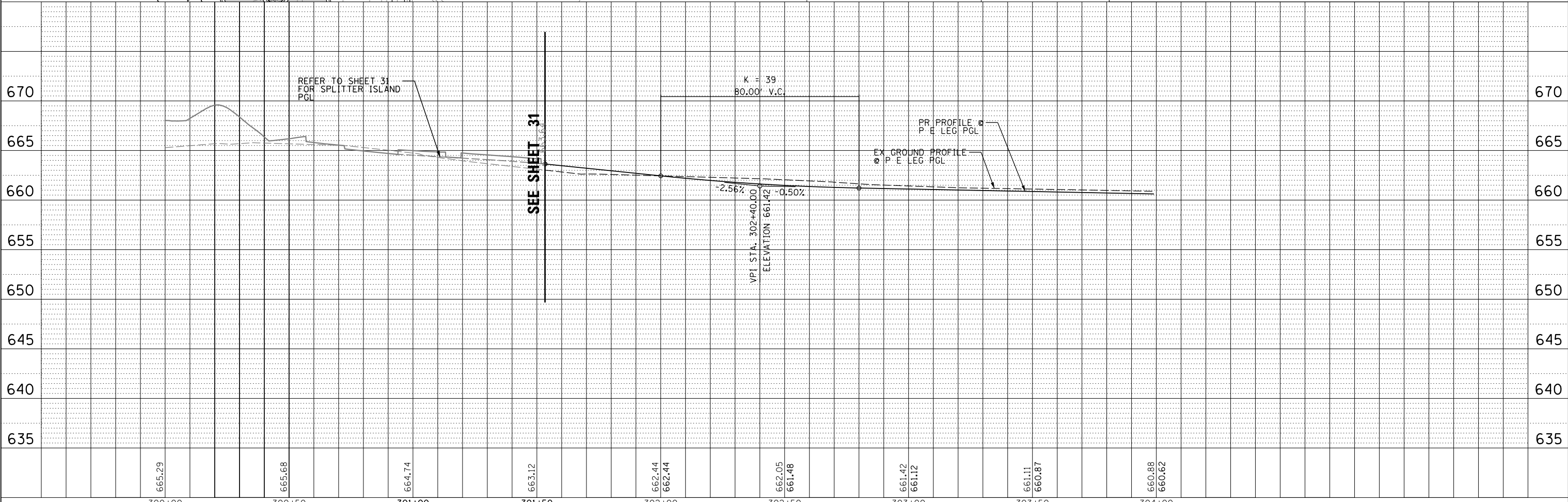
PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	



- NOTES:
- SEE ALIGNMENT, TIES AND BENCHMARKS SHEETS FOR DETAILED HORIZONTAL LAYOUT INFORMATION FOR THE PROPOSED SPLITTER ISLAND AND EDGE OF PAVEMENT PGL'S.
 - SEE SHEET 31 FOR PROPOSED SPLITTER ISLAND AND CIRCLE PROFILES AND SHEET 32 FOR PROPOSED EOP PROFILES.

LEGEND

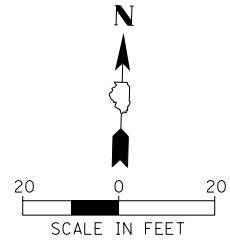
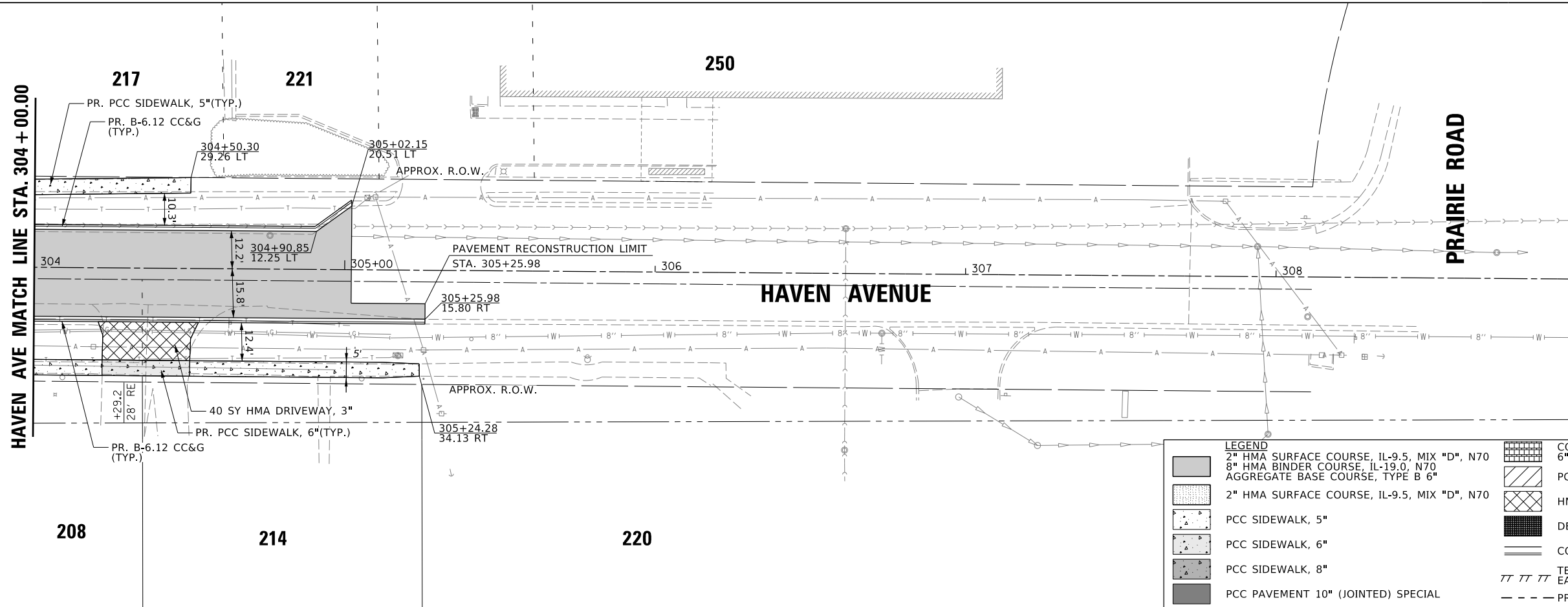
	2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70		CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
	8" HMA BINDER COURSE, IL-19.0, N70		PCC DRIVEWAY PAVEMENT
	AGGREGATE BASE COURSE, TYPE B 6"		HMA DRIVEWAY PAVEMENT, 3"
	2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70		DETECTABLE WARNINGS
	PCC SIDEWALK, 5"		COMB. CONC. CURB & GUTTER
	PCC SIDEWALK, 6"		TEMPORARY CONSTRUCTION EASEMENT
	PCC SIDEWALK, 8"		PROPOSED RIGHT-OF-WAY
	PCC PAVEMENT 10" (JOINTED) SPECIAL		



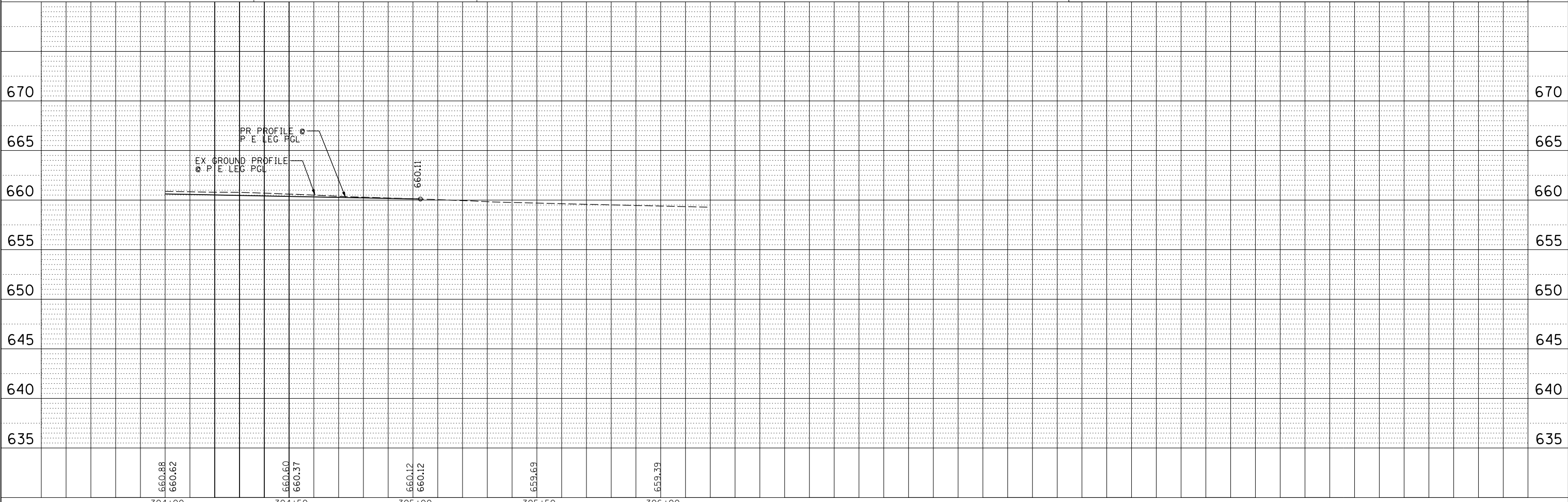
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 16221 W. 156th Street, Suite 201 Libertyville, IL 60048 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE ROADWAY PLAN AND PROFILE HAVEN AVENUE		F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 28'	DRAWN - PWN/JRS	REVISED -		0315	19-00043-00-CH	WILL	101	28		
	PLOT DATE = 2/14/2024	CHECKED - AJS	REVISED -		CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -		SCALE: 1' = 20'	SHEET 4	OF 8 SHEETS	STA. 301+53.29	TO STA. 304+00		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
NOTE BOOK NO.	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
NOTE BOOK NO.	NOTATIS CHFD		

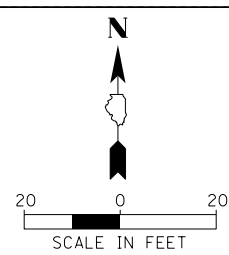


LEGEND	
[Pattern]	2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70
[Pattern]	8" HMA BINDER COURSE, IL-19.0, N70
[Pattern]	AGGREGATE BASE COURSE, TYPE B 6"
[Pattern]	CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
[Pattern]	PCC DRIVEWAY PAVEMENT
[Pattern]	HMA DRIVEWAY PAVEMENT, 3"
[Pattern]	DETECTABLE WARNINGS
[Pattern]	COMB. CONC. CURB & GUTTER
[Pattern]	TEMPORARY CONSTRUCTION EASEMENT
[Pattern]	PROPOSED RIGHT-OF-WAY
[Pattern]	PCC SIDEWALK, 5"
[Pattern]	PCC SIDEWALK, 6"
[Pattern]	PCC SIDEWALK, 8"
[Pattern]	PCC PAVEMENT 10" (JOINTED) SPECIAL

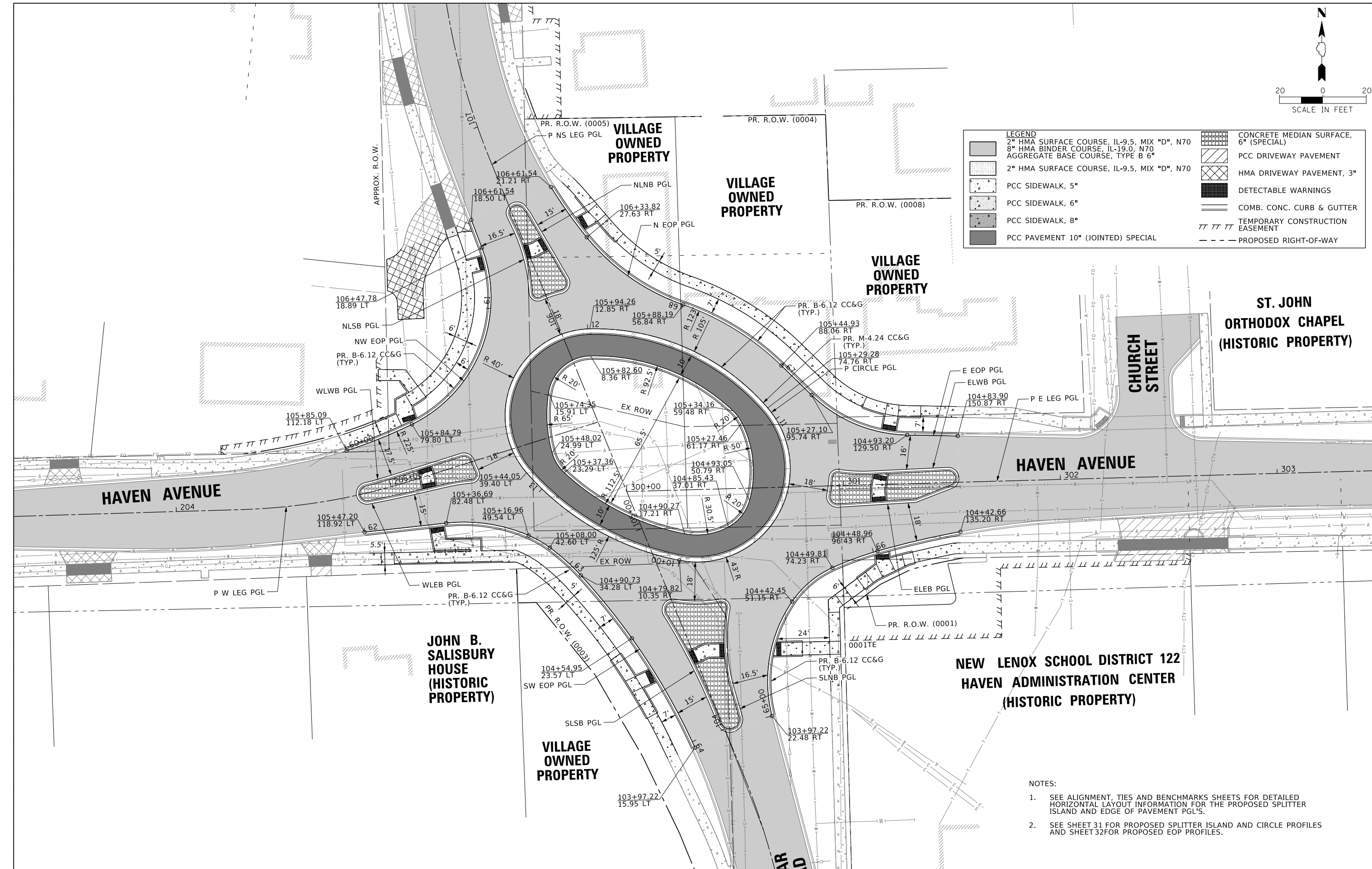


<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 16221 W. 156th Street, Suite 201 Lockport, IL 60441 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE ROADWAY PLAN AND PROFILE HAVEN AVENUE	F.A.U. RTE. 0315	SECTION 19-00043-00-CH	COUNTY WILL	TOTAL SHEETS 101	SHEET NO. 29		
	PLOT SCALE = 28'	CHECKED - AJS	REVISED -			SCALE: 1' = 20'	SHEET 5 OF 8 SHEETS	STA. 304+00	TO STA. 305+25.98	CONTRACT NO. 61J08		
	PLOT DATE = 2/14/2024	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						

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LEGEND	
	2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70
	8" HMA BINDER COURSE, IL-19.0, N70
	AGGREGATE BASE COURSE, TYPE B 6"
	2" HMA SURFACE COURSE, IL-9.5, MIX "D", N70
	PCC SIDEWALK, 5"
	PCC SIDEWALK, 6"
	PCC SIDEWALK, 8"
	PCC PAVEMENT 10" (JOINTED) SPECIAL
	CONCRETE MEDIAN SURFACE, 6" (SPECIAL)
	PCC DRIVEWAY PAVEMENT
	HMA DRIVEWAY PAVEMENT, 3"
	DETECTABLE WARNINGS
	COMB. CONC. CURB & GUTTER
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED RIGHT-OF-WAY

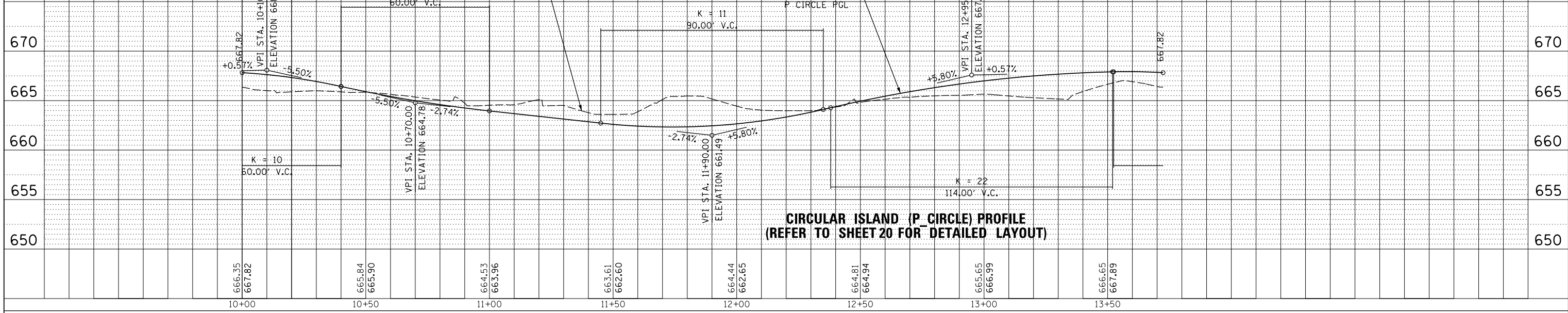


- NOTES:
- SEE ALIGNMENT, TIES AND BENCHMARKS SHEETS FOR DETAILED HORIZONTAL LAYOUT INFORMATION FOR THE PROPOSED SPLITTER ISLAND AND EDGE OF PAVEMENT PGL'S.
 - SEE SHEET 31 FOR PROPOSED SPLITTER ISLAND AND CIRCLE PROFILES AND SHEET 32 FOR PROPOSED EOP PROFILES.

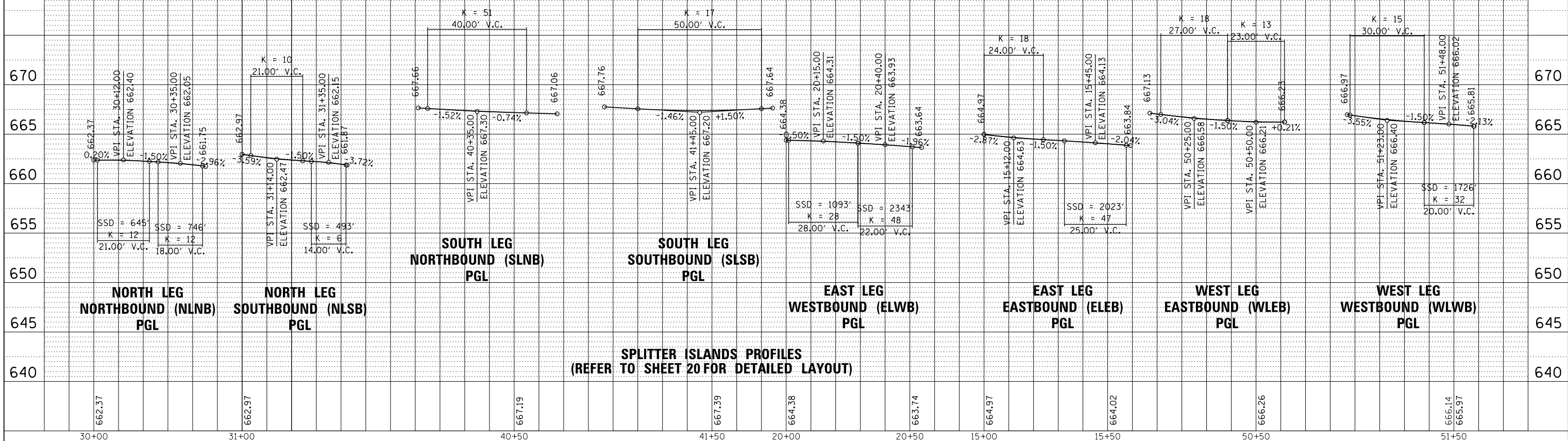
CHRISTOPHER B. BURKE ENGINEERING, LTD. <small>4221 W. 109th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850</small>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE ROUNDBOUT PLAN		F.A.U. R.T.E. = 0315	SECTION = 19-00043-00-CH	COUNTY = WILL	TOTAL SHEETS = 101	SHEET NO. = 30
	PLOT SCALE = 28'	CHECKED - AJS	REVISED -		SCALE: 20'	SHEET 6	OF 8 SHEETS	STA. TO STA.	CONTRACT NO. 61J08 ILLINOIS FED. AID PROJECT		
	PLOT DATE = 2/14/2024	DATE -	REVISED -								

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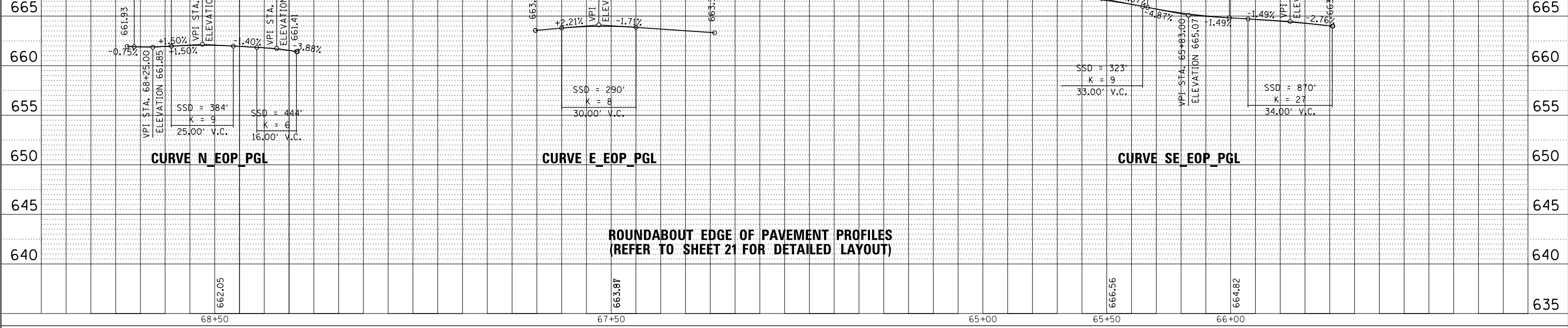
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	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
NOTE BOOK NO.	CARD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
NOTE BOOK NO.	NOTATIONS CHFD	

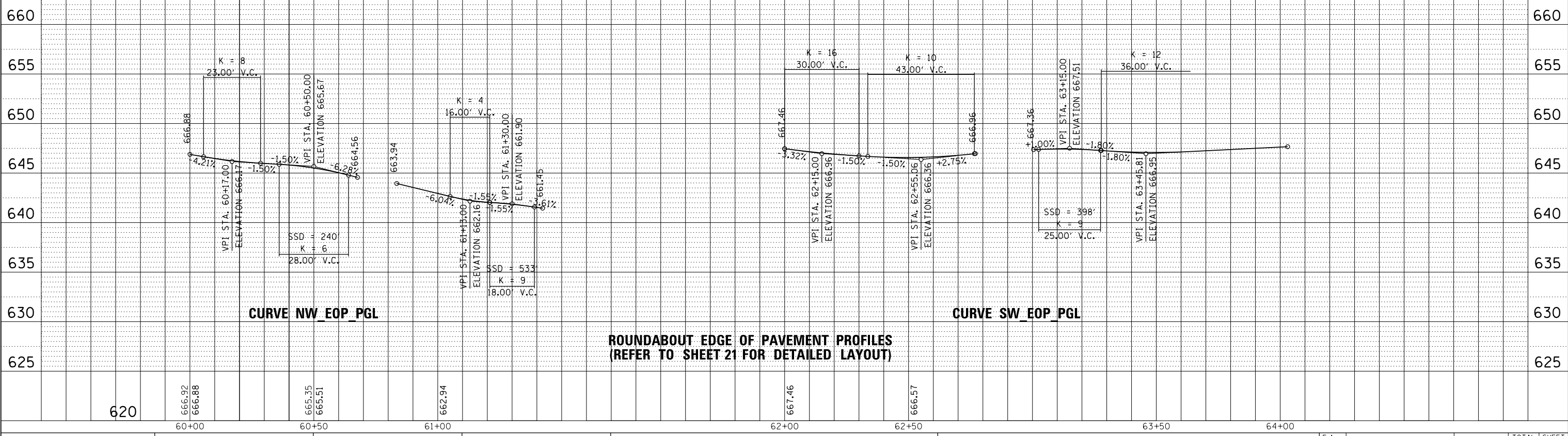


PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



ROUNDABOUT EDGE OF PAVEMENT PROFILES
(REFER TO SHEET 21 FOR DETAILED LAYOUT)

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



ROUNDABOUT EDGE OF PAVEMENT PROFILES
(REFER TO SHEET 21 FOR DETAILED LAYOUT)

	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEAR ROAD AT HAVEN AVENUE ROUNDABOUT EDGE OF PAVEMENT PROFILES	F.A. RTE. = 0369	SECTION = 19-00043-00-CH	COUNTY = WILL	TOTAL SHEETS = 101	SHEET NO. = 32
	PLOT SCALE = 28'	CHECKED - AJS	REVISED -			SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.	CONTRACT NO. = 61J08	ILLINOIS FED. AID PROJECT		
PLOT DATE = 2/14/2024		DATE = 2/14/2024	REVISED -							

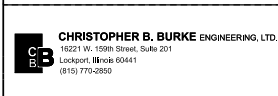
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MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY WILL NASH AT THE VILLAGE OF NEW LENOX AT 815-462-6492 AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK.
2. THE INTERSECTION OF CEDAR ROAD AND HAVEN AVENUE SHALL BE CLOSED TO ALL TRAFFIC DURING CONSTRUCTION. CONTRACTOR SHALL MAKE EVERY EFFORT TO PROVIDE DRIVEWAY ACCESS TO RESIDENTS WITHIN THE PROJECT LIMITS DURING CONSTRUCTION. RESIDENTS SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF EVERY OVERNIGHT DRIVEWAY CLOSURE.
3. ROADWORK REQUIRING A CLOSURE OF A LANE (IN ADDITION TO THE STAGING SHOWN IN THE PLANS), WHICH HAS BEEN OPENED PREVIOUSLY TO TRAFFIC, WILL BE ALLOWED AT THE DISCRETION OF THE ENGINEER AND UNDER THE FOLLOWING CONDITIONS:
 - a. THE LANE CLOSURE SHALL ONLY BE IN EFFECT WHILE WORKERS ARE PRESENT IN OR WITHIN TWO (2) FEET OF TRAFFIC.
 - b. THE CLOSED LANE WILL BE OPENED TO TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISION FOR "KEEPING ARTERIAL ROADS OPEN TO TRAFFIC (LANE CLOSURES ONLY)".
 - c. ALL TRAFFIC CONTROL DEVICES PERTAINING TO THE LANE CLOSURE SHALL BE REMOVED FROM THE ROADWAY AT THE END OF THE WORKDAY.
 - d. LANE CLOSURES SHALL BE IN ACCORDANCE WITH IDOT STANDARDS 701101, 701427, 701501, 701502, 701701 AND 701801 AND AS DIRECTED BY THE ENGINEER.
4. DRIVEWAY ACCESS AND ACCESS TO SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES THROUGH THE USE OF "TEMPORARY ACCESS (PRIVATE ENTRANCE)", "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)", AND "TEMPORARY ACCESS (ROAD)". DRIVEWAYS AND SIDE ROADS SHALL BE CONSTRUCTED IN STAGES, ONE HALF AT A TIME (AS NECESSARY).
5. UTILITY TRENCHES SHALL BE COVERED OR FILLED AT THE END OF EACH DAY.
6. ALL SIGNAGE TO BE IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). MAINTENANCE OF TRAFFIC SHOWN IS THE MINIMUM REQUIRED; THE CONTRACTOR SHALL PROVIDE ADDITIONAL TRAFFIC CONTROL MEASURES AS DIRECTED BY RESIDENT ENGINEER.
7. TEMPORARY INFORMATION SIGNING SHALL BE PLACED AT ALL COMMERCIAL DRIVEWAY ENTRANCES THAT ARE OPEN TO TRAFFIC WITHIN THE ACTIVE WORK ZONE IN ACCORDANCE WITH DISTRICT 1 STANDARD TC-26. THESE SIGNS SHALL BE REMOVED IF THE ENTRANCE IS UNDER CONSTRUCTION AND ACCESS IS TEMPORARILY RESTRICTED.
8. SEE HIGHWAY STANDARDS AND DISTRICT ONE DETAILS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
9. TRAFFIC CONTROL AND PROTECTION WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL) WHICH SHALL INCLUDE INSTALLATION, RELOCATION, OR REMOVAL OF ALL TRAFFIC CONTROL AND PROTECTION SIGNAGE, DEVICES, OR MARKINGS AS SHOWN ON THE TRAFFIC CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.
10. SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE COVERED OR REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE ALL SIGNS AS SHOWN IN THE TRAFFIC CONTROL PLANS AND ANY ADDITIONAL SIGNS AS REQUIRED BY THE LISTED HIGHWAY STANDARDS OR AS DIRECTED BY THE ENGINEER. SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH HIGHWAY STANDARD 701901.
11. TRAFFIC CONTROL MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED WHICH ARE NOT ASSOCIATED WITH ANY TRAFFIC CONTROL STANDARDS.
12. THE WORK ZONES SHOWN ON THE TRAFFIC CONTROL PLANS AND THE PLACEMENT OF SIGNS, BARRICADES, AND OTHER TRAFFIC ONTROL DEVICES DEPICTED ARE SCHEMATIC IN NATURE. REFER TO THE TRAFFIC CONTROL STANDARDS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE MUTCD FOR PLACEMENT STANDARDS.

DETOUR NOTES

13. ALL SIGNING MUST BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022, THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE IDOT BUREAU OF DESIGN AND ENVIRONMENT HIGHWAY STANDARDS AND THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
14. DETOUR SIGNAGE SHALL BE CONSIDERED INCLUDED IN THE COST FOR TEMPORARY TRAFFIC CONTROL AND PROTECTION (SPECIAL) EXCEPT AS OTHERWISE NOTED.
15. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
16. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
17. A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE CLOSURE CEDAR RD OR HAVEN AVE, THE CONTRACTOR SHALL PLACE ONE (1) PORTABLE CHANGEABLE MESSAGE SIGN AT EACH END OF THE PROJECT ALONG CEDAR RD AND HAVEN AVE AS DIRECTED AND AT A LOCATION DESIGNATED BY THE ENGINEER TO INFORM MOTORISTS OF THE UPCOMING CLOSURE. THE MESSAGE SHALL BE APPROVED BY THE ENGINEER. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR CHANGEABLE MESSAGE SIGN.
18. TEMPORARY TRAFFIC SIGNAL TIMING IS TO BE IMPLEMENTED AT THE FOLLOWING INTERSECTIONS:
 - US ROUTE 30 & NELSON ROAD
 - US ROUTE 30 & NORTH VINE STREET
 - US ROUTE 30 & SOUTH VINE STREET
 - US ROUTE 30 & CEDAR ROAD
 - US ROUTE 30 & PRAIRIE ROAD
19. LOCAL ACCESS SHALL BE PROVIDED AT ALL TIMES TO RESIDENTS AND BUSINESSES.

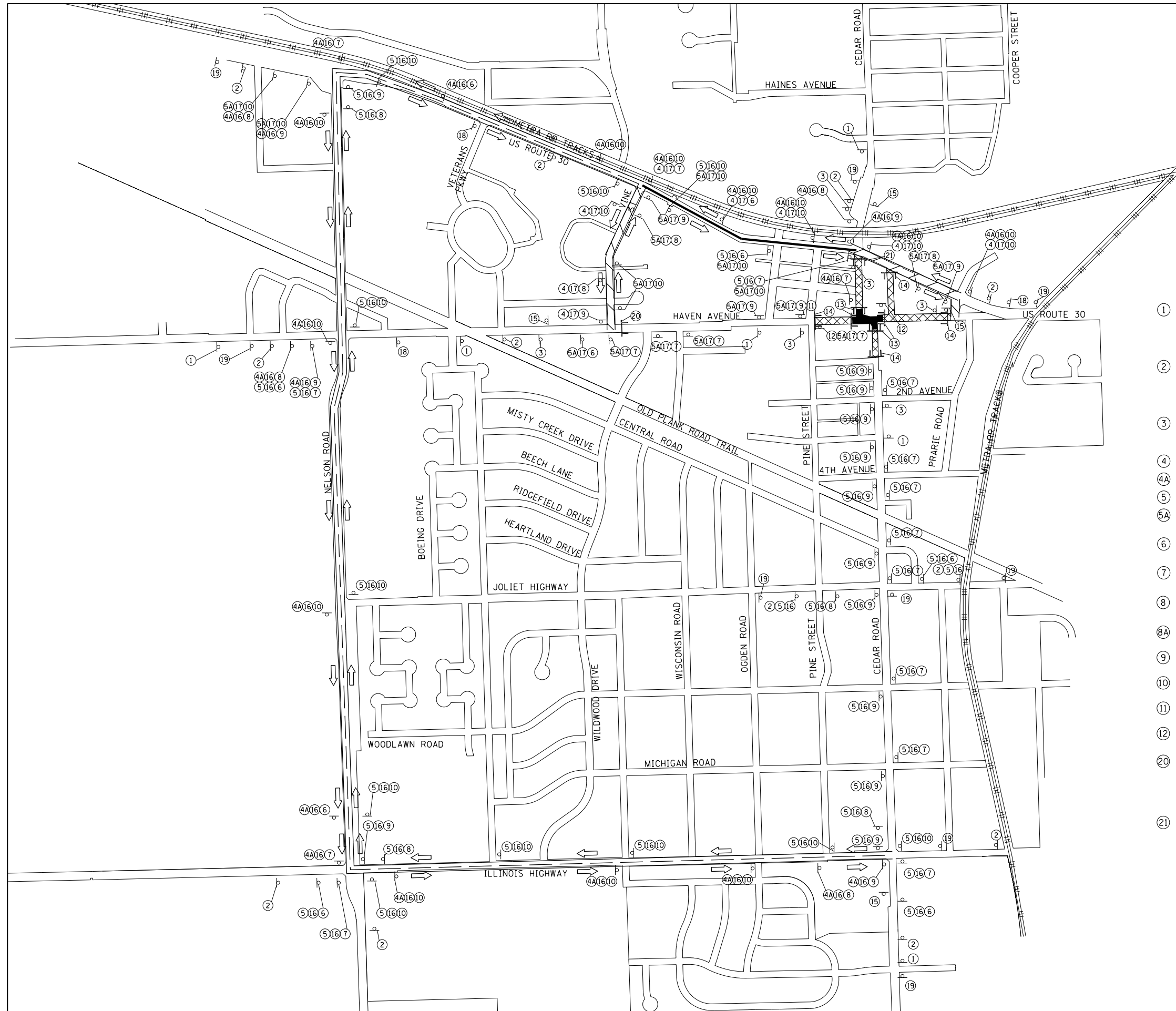


USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
	DRAWN - PWN/JRS	REVISED -
PLOT SCALE =	CHECKED - AJS	REVISED -
PLOT DATE = 2/14/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CEDAR ROAD AT HAVEN AVENUE MAINTENANCE OF TRAFFIC GENERAL NOTES			
SCALE: N.T.S.	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	33
CONTRACT NO.			61J08	
ILLINOIS FED. AID PROJECT				



- ① ROAD CLOSED AHEAD W20-3-4848
 - ② DETOUR AHEAD W20-2-4848
 - ③ ROAD CLOSED 500 FT W20-3-4848
 - ④ WEST M3-4(0) 2412
 - ④A SOUTH M3-3(0) 2412
 - ⑤ NORTH M3-1(0) 2412
 - ⑤A EAST M3-2(0) 2412
 - ⑥ M4-9(MOD)-3021
 - ⑦ M4-9L-3021
 - ⑧ M4-9(MOD)-3021
 - ⑧A M4-9(MOD)-3021
 - ⑨ M4-9R-3021
 - ⑩ M4-9(MOD)-3021
 - ⑪ R3-2-2424
 - ⑫ R3-1-2424
 - ⑬ ROAD CLOSED R11-2-4830
 - ⑭ ROAD CLOSED TO THRU TRAFFIC R11-4-6030
 - ⑮ END DETOUR M4-8A-2418
 - ⑯ Cedar Road SPECIAL-2418 VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND
 - ⑰ Haven Avenue SPECIAL-2418 VARIABLE 6" BLACK LETTERS ON ORANGE REFLECTIVE BACKGROUND
 - ⑱ Haven Avenue CLOSED AT Cedar Road FOLLOW DETOUR SPECIAL-4836 6" BLACK LETTERS ON ORANGE BACKGROUND
 - ⑲ Cedar Road CLOSED AT Haven Avenue FOLLOW DETOUR SPECIAL-4836 6" BLACK LETTERS ON ORANGE BACKGROUND
- LEGEND:**
- == CEDAR ROAD DETOUR
 - == HAVEN AVENUE DETOUR
 - == CEDAR RD & HAVEN AVE DETOUR
 - XXXXX ROAD CLOSED TO THRU TRAFFIC
 - ROAD CLOSED
 - ⊥ DETOUR SIGN
 - ⊥ TYPE III BARRICADE
 - ⊕ DETOUR SIGN TYPE
 - ➔ DIRECTION OF TRAVEL

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 4023 W. 109th Street, Suite 201
 Lockport, Illinois 60441
 (815) 770-2850

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
	DRAWN - PWN/JRS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - AJS	REVISED -
PLOT DATE = 2/14/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CEDAR ROAD AT HAVEN AVENUE
 DETOUR PLAN**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

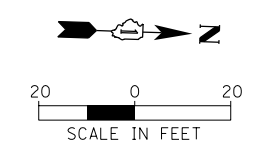
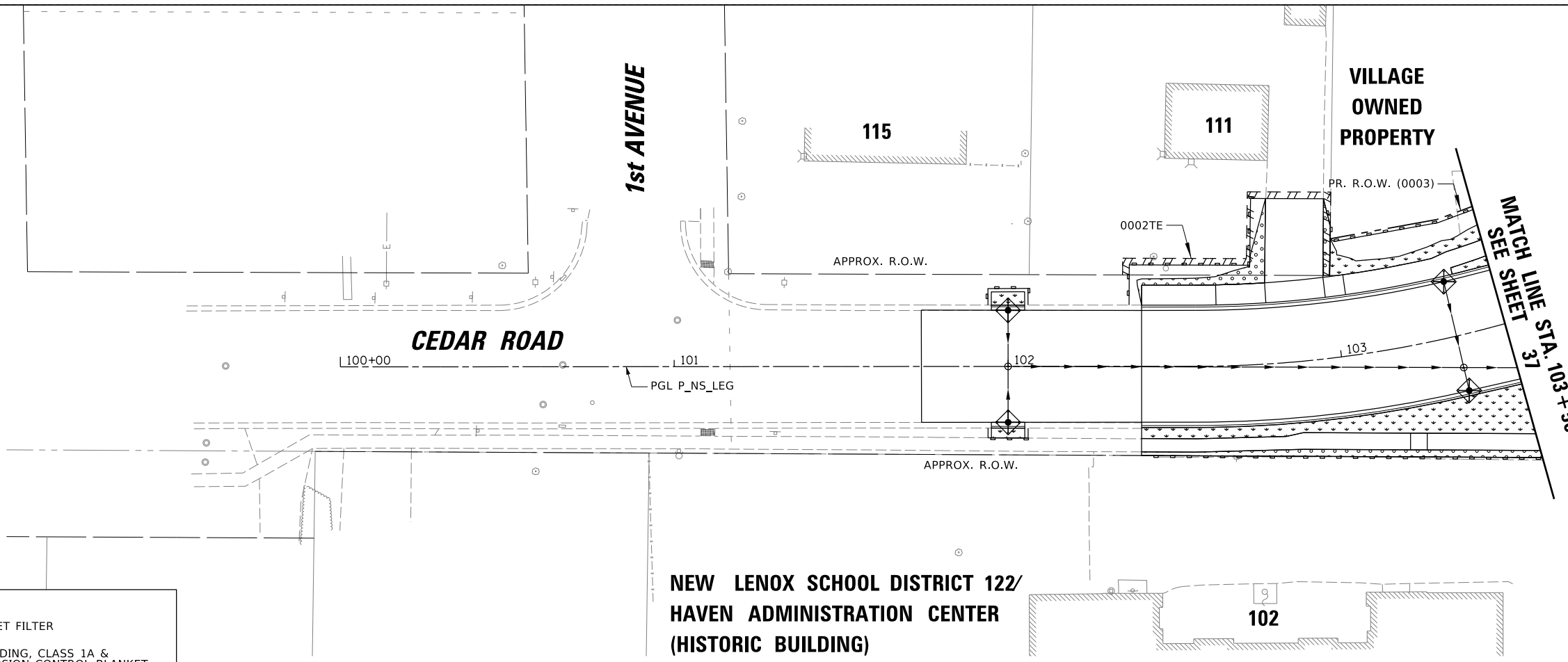
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	34
			CONTRACT NO. 61J08	
ILLINOIS FED. AID PROJECT				

SOIL EROSION CONTROL AND SEDIMENT CONTROL NOTES

1. SOIL EROSION AND SEDIMENT CONTROL (SESC) FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
2. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED AT MINIMUM ACCORDING TO THE STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. A COPY OF THE APPROVED SOIL EROSION AND SEDIMENT CONTROL (SESC) PLAN MUST BE MAINTAINED ON THE SITE AT ALL TIMES.
3. THE EROSION AND SEDIMENT CONTROLS SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE VILLAGE, OR THEIR AUTHORIZED REPRESENTATIVE. ALL ADDITIONAL MEASURES MUST BE IN PLACE WITHIN 3 DAYS OF DISTURBANCE AND ANY EMERGENCY SESC MEASURES MUST BE INSTALLED IMMEDIATELY.
4. THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREAS AS THE PROJECT PROGRESSES, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE TRACK-OUT MATERIAL.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT ALL WATER (GROUND, STORM, AND CONSTRUCTION) DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREAS FREED OF WATER, BYPASS PUMPING, INCLUDING SILT BAGS AND AN ENERGY DISSIPATION SURFACE FOR THE PUMPS, SHALL NOT BE MEASURED AND PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER OR WATER MAIN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SIZE THE PUMPS APPROPRIATELY.
6. DURING DE-WATERING/PUMPING OPERATIONS, ONLY UNCONTAMINATED WATER SHOULD BE ALLOWED TO DISCHARGE TO PROTECTED NATURAL AREAS, WATERS OF THE STATE, OR TO A STORM SEWER SYSTEM (IN ACCORDANCE WITH LOCAL PERMITS). INLET HOSES SHOULD BE PLACED IN A STABILIZED SUMP PIT OR FLOATED AT THE SURFACE OF THE WATER IN ORDER TO LIMIT THE AMOUNT OF SEDIMENT INTAKE. PUMPING OPERATIONS MAY BE DISCHARGED TO A STABILIZED AREA THAT CONSISTS OF AN ENERGY DISSIPATING DEVICE (E.G., STONE), SEDIMENT FILTER BAG, OR BOTH. ADEQUATE EROSION AND SEDIMENT CONTROLS SHOULD BE USED DURING DE-WATERING OPERATIONS AS NECESSARY. DEWATERING SEDIMENT LADEN WATER DIRECTLY INTO FIELD TILES, STORM WATER STRUCTURES, OR "WATERS OF THE US" IS PROHIBITED.
7. SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) SHALL BE CONSTRUCTED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE. THESE LOCATIONS SHALL BE DETERMINED IN THE FIELD, AS NEEDED. GRAVELED ROADS, RUMBLE STRIPS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, MUST BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING PUBLIC OR PRIVATE ROADWAY MUST BE REMOVED IMMEDIATELY.
8. STOCK PILES OR SOIL MUST NOT BE LOCATED IN FLOOD PLAINS, RIPARIAN AREAS (VEGETATED FLOOD PLAINS), WETLANDS AND WATERS OF THE U.S., UNLESS OTHERWISE AUTHORIZED BY THE RELEVANT PERMITTING AUTHORITY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, PERIMETER SEDIMENT BARRIER MUST BE PROVIDED AT THE CONTRACTOR'S EXPENSE.
9. ALL PROPOSED AND EXISTING STORM SEWER INLET STRUCTURES (INCLUDING INLETS LOCATED WITHIN THE HAUL ROUTES) MUST BE PROTECTED WITH STORM SEWER INLET PROTECTION (I.E. INLET FILTERS) PER INLET PROTECTION DETAILS IN THE PLANS.
10. STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS FOLLOWS:
 - WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - ON AREAS WHERE CONSTRUCTION ACTIVITY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD CAN BE USED.
11. THE VILLAGE SHALL PROVIDE A QUALIFIED PERSON WHO WILL BE RESPONSIBLE FOR CONDUCTING SITE INSPECTIONS IN COMPLIANCE WITH THE ILR10 NPDES PERMIT. AFTER EACH INSPECTION, A REPORT SHOULD BE PREPARED BY THE PERSON WHO PERFORMED THE INSPECTION. THE INSPECTION REPORT SHOULD BE MAINTAINED ON SITE AS PART OF THE PLAN. INSPECTIONS SHOULD BE CONDUCTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM, OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY, THAT IS 0.5 INCHES OR GREATER.

INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. INSPECTIONS MUST COMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.5" OR GREATER RAIN EVENT, OR DISCHARGE DUE TO SNOWMELT OCCURS.
12. THE WILL / SOUTH COOK SOIL AND WATER CONSERVATION DISTRICT (WSCSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
13. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS, A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE WSCSWCD.
14. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE WSCSWCD.
15. IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S), WHO MAY PERFORM WORK ON THIS SITE/PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

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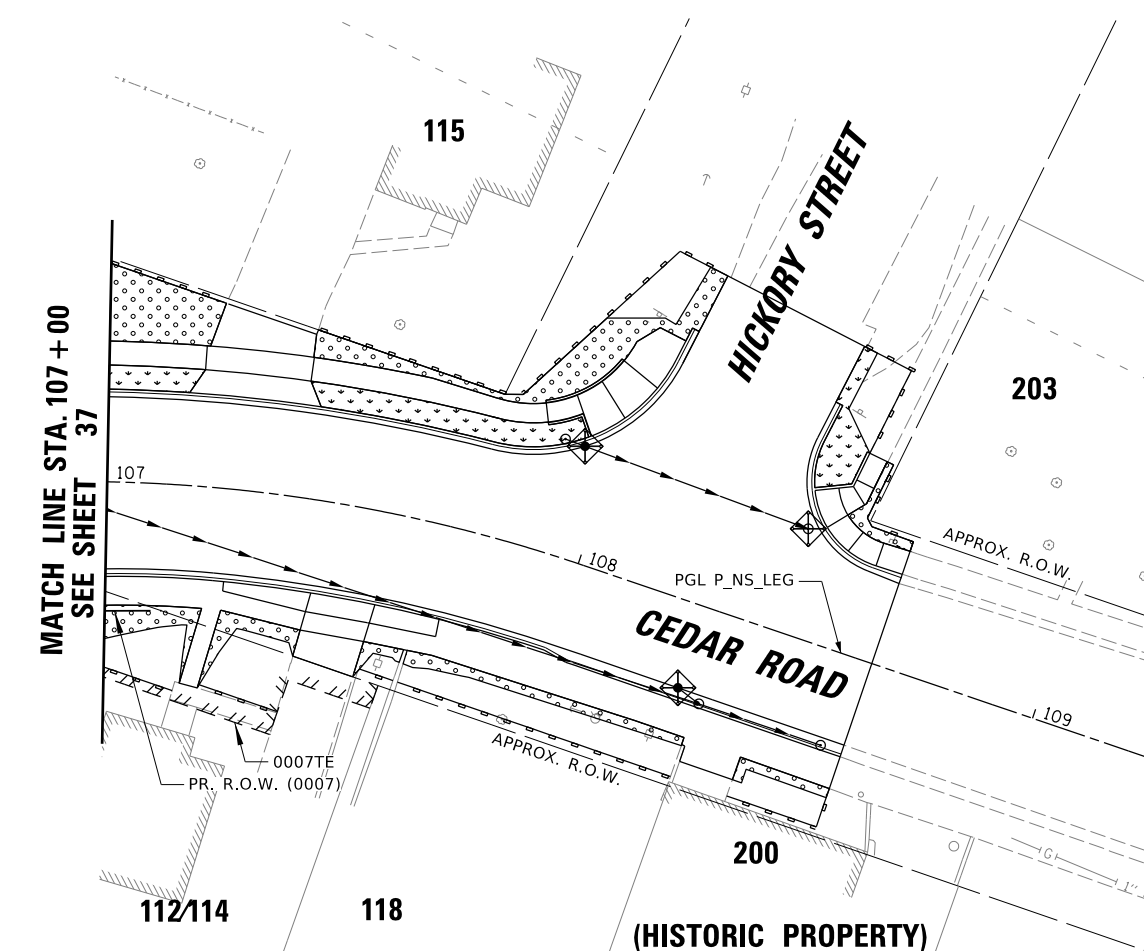


LEGEND

	INLET FILTER
	SEEDING, CLASS 1A & EROSION CONTROL BLANKET
	SODDING, SALT TOLERANT
	TEMPORARY DITCH CHECK
	PERIMETER EROSION CONTROL BARRIER

NOTE: ALL SEEDING AREAS SHALL BE PREPARED WITH A MINIMUM OF 6" OF TOPSOIL

**NEW LENOX SCHOOL DISTRICT 122/
HAVEN ADMINISTRATION CENTER
(HISTORIC BUILDING)**



CHRISTOPHER B. BURKE ENGINEERING, LTD.
10221 W. 109th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
PLOT SCALE = 28'	DRAWN - PWN/JRS	REVISED -
PLOT DATE = 2/14/2024	CHECKED - AJS	REVISED -
	DATE -	REVISED -

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DATE -	REVISED -

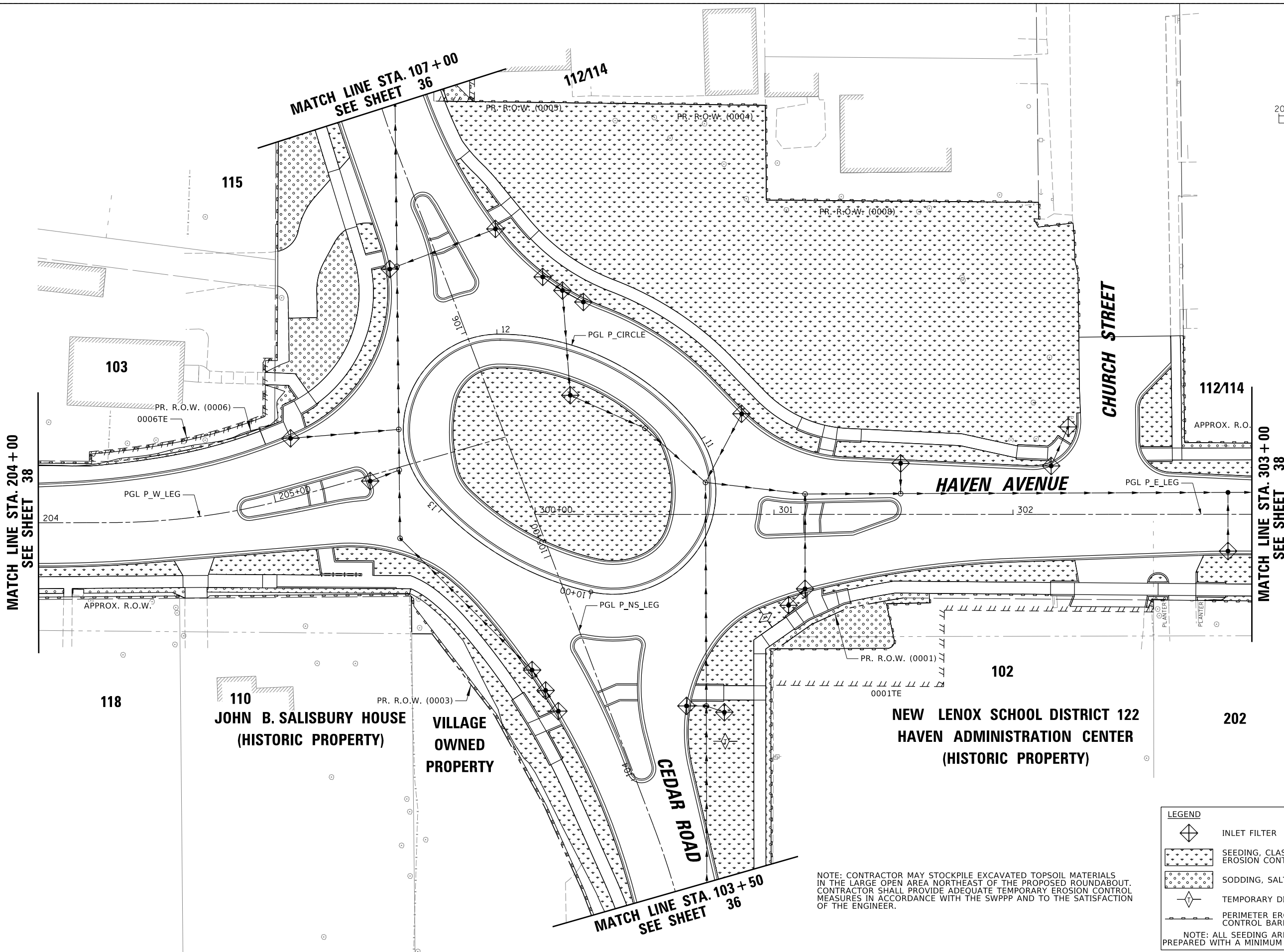
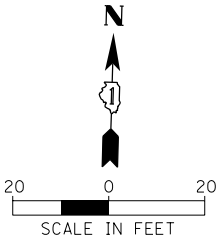
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CEDAR ROAD AT HAVEN AVENUE
EROSION CONTROL PLAN**

SCALE: 20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	36
			CONTRACT NO. 61J08	
ILLINOIS FED. AID PROJECT				

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MATCH LINE STA. 204 + 00
SEE SHEET 38

MATCH LINE STA. 303 + 00
SEE SHEET 38

MATCH LINE STA. 107 + 00
SEE SHEET 36

MATCH LINE STA. 103 + 50
SEE SHEET 36

110
JOHN B. SALISBURY HOUSE
(HISTORIC PROPERTY)

VILLAGE OWNED PROPERTY

NEW LENOX SCHOOL DISTRICT 122
HAVEN ADMINISTRATION CENTER
(HISTORIC PROPERTY)

NOTE: CONTRACTOR MAY STOCKPILE EXCAVATED TOPSOIL MATERIALS IN THE LARGE OPEN AREA NORTHEAST OF THE PROPOSED ROUNDABOUT. CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY EROSION CONTROL MEASURES IN ACCORDANCE WITH THE SWPPP AND TO THE SATISFACTION OF THE ENGINEER.

LEGEND				
	INLET FILTER			
	SEEDING, CLASS 1A & EROSION CONTROL BLANKET			
	SODDING, SALT TOLERANT			
	TEMPORARY DITCH CHECK			
	PERIMETER EROSION CONTROL BARRIER			
NOTE: ALL SEEDING AREAS SHALL BE PREPARED WITH A MINIMUM OF 6" OF TOPSOIL				

CHRISTOPHER B. BURKE ENGINEERING, LTD.
1623 W. 109th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = jspeelman
PLOT SCALE = 28'
PLOT DATE = 2/14/2024

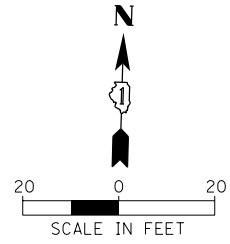
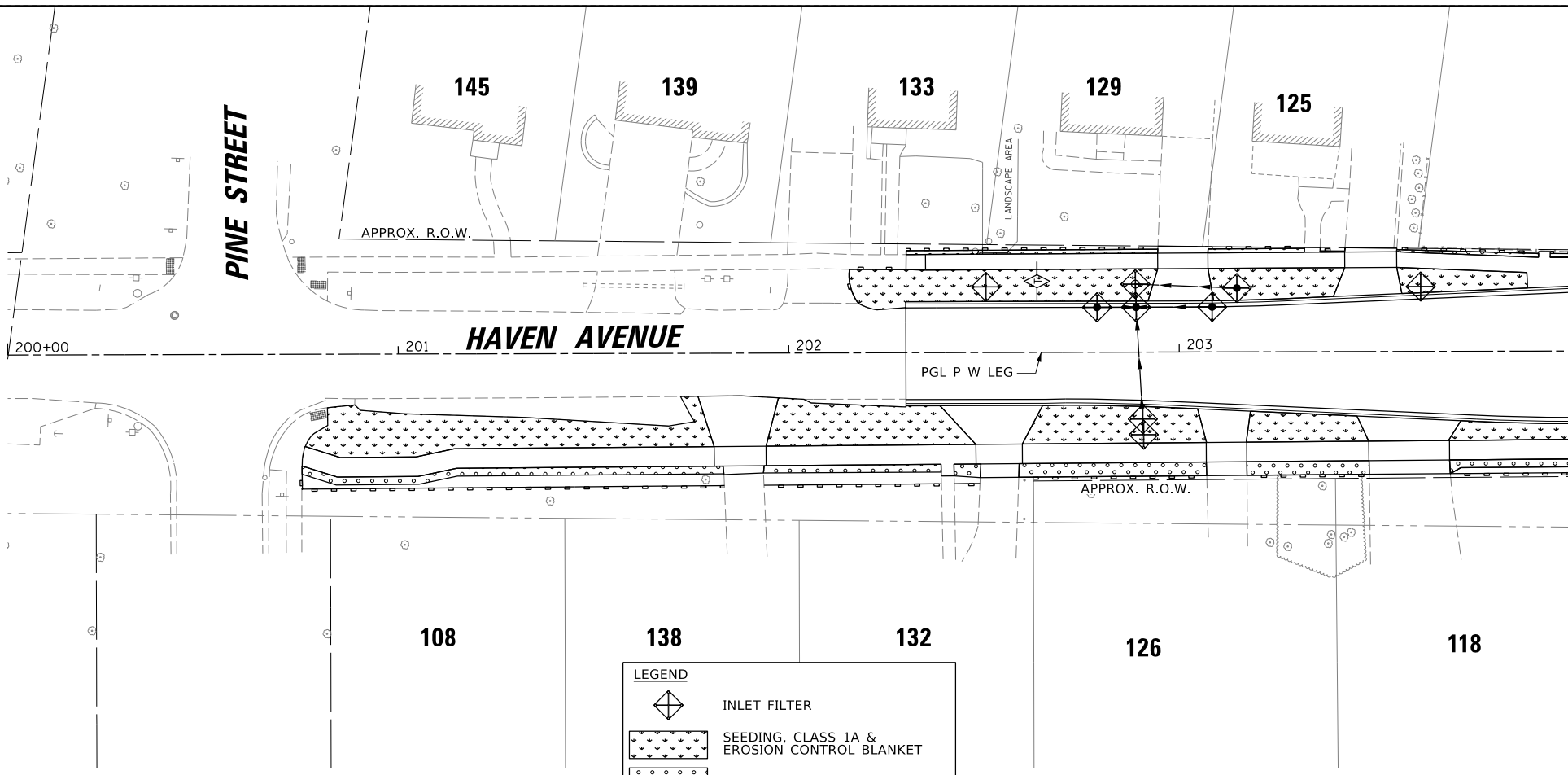
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CHECKED -	AJS	REVISED -	
DATE -		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CEDAR ROAD AT HAVEN AVENUE
EROSION CONTROL PLAN

SCALE: 20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	37
CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT	

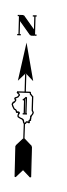
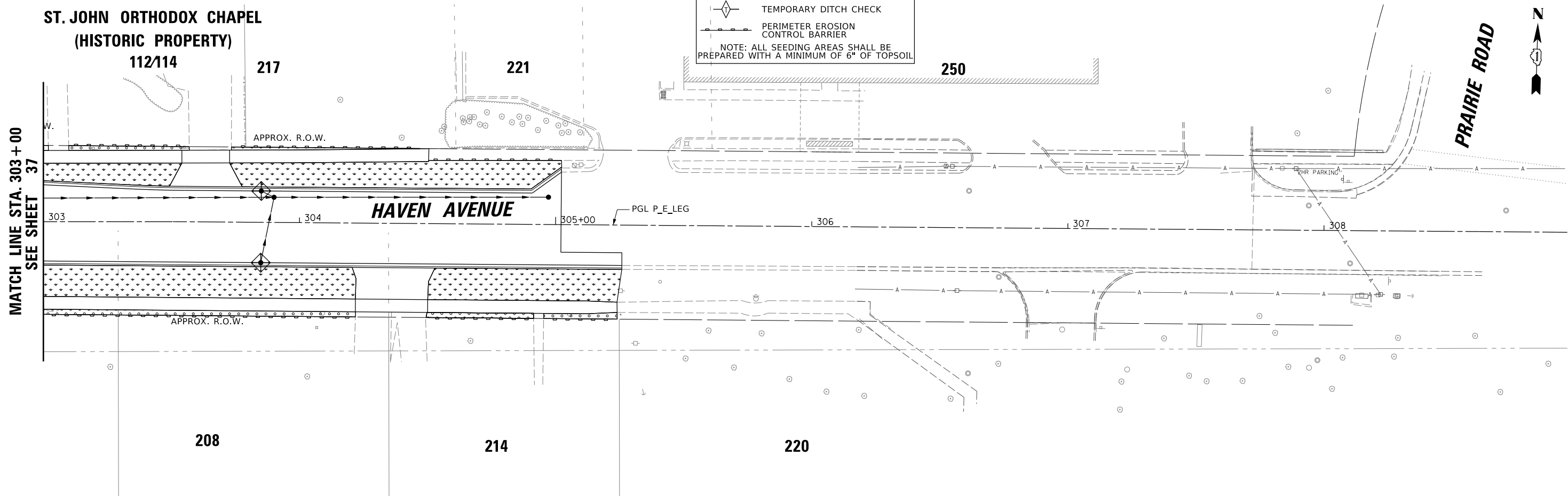


MATCH LINE STA. 204+00
SEE SHEET 37

LEGEND

- INLET FILTER
- SEEDING, CLASS 1A & EROSION CONTROL BLANKET
- SODDING, SALT TOLERANT
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER

NOTE: ALL SEEDING AREAS SHALL BE PREPARED WITH A MINIMUM OF 6" OF TOPSOIL



MATCH LINE STA. 303+00
SEE SHEET 37

CHRISTOPHER B. BURKE ENGINEERING, LTD. <small>1623 W. 109th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850</small>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
	PLOT SCALE = 28'	DRAWN - PWN/JRS	REVISED -
	PLOT DATE = 2/14/2024	CHECKED - AJS	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CEDAR ROAD AT HAVEN AVENUE EROSION CONTROL PLAN	
SCALE: 20'	TO STA.
SHEET 3	OF 3 SHEETS

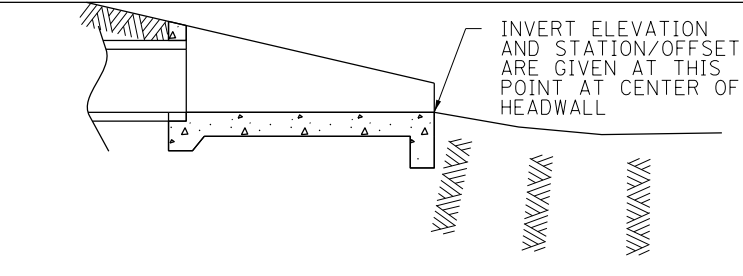
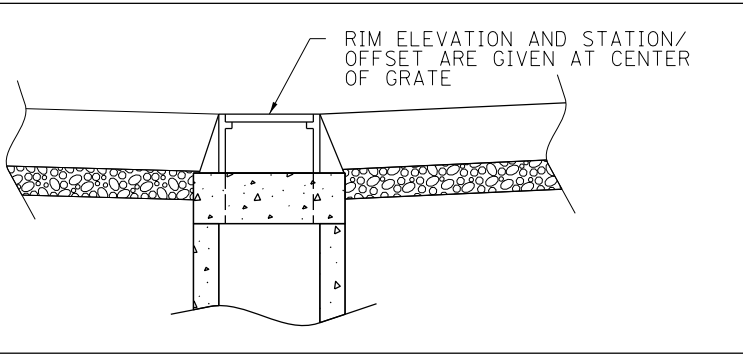
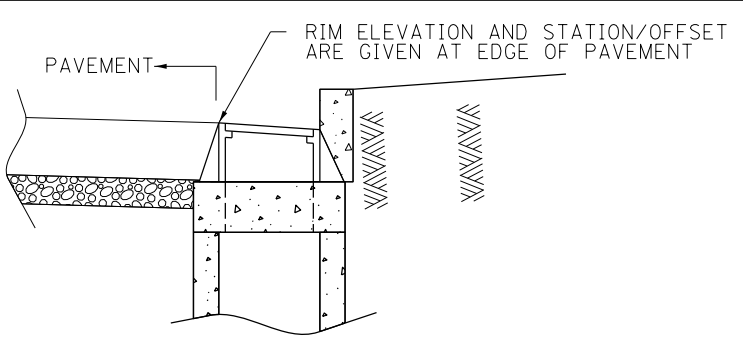
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	38
CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT	

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DRAINAGE GENERAL NOTES:

1. MAINTAINING DRAINAGE; IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.
2. LENGTHS AND SIZES OF EXISTING STORM SEWERS AS SHOWN ON THE PLANS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF PROPOSED DRAINAGE ITEMS. THE INVERTS OF PROPOSED DRAINAGE ITEMS CONNECTING TO EXISTING SEWERS OR STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER.
3. EXISTING DRAINAGE STRUCTURES TO BE LEFT IN PLACE SHALL BE PROTECTED DURING CONSTRUCTION. IF IN THE OPINION OF THE ENGINEER, THE DRAINAGE STRUCTURES ARE DAMAGED DUE TO THE CONTRACTOR'S OPERATION, THEY SHALL BE REPLACED IN KIND AT NO ADDITIONAL COST.
4. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF THE GUTTER OR DRAINAGE STRUCTURES, DITCHES, ETC. SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES ARE TO BE FREE FROM DIRT AND DEBRIS. THE CONTRACTORS FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT THEREOF.
5. ALL EXISTING FIELD DRAINAGE TILE AND OFF-SITE STORM SEWER ENCOUNTERED OR DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITIONS, PROPERLY REROUTED AND /OR CONNECTED TO THE STORM SEWER SYSTEM OR PROPOSED DITCHES UNLESS OTHERWISE SPECIFIED.
6. THE CONTRACTOR SHALL VERIFY WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES, INLETS, CATCH BASINS, AND OTHER DRAINAGE STRUCTURES. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THE USE OF FLAT SLAB TOPS, UNLESS NOTED OTHERWISE ON PLANS.
7. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
8. THE INFORMATION PROVIDED IS ESTIMATED BASED UPON EXISTING SURVEY AND WILL REQUIRE ADJUSTMENT BY THE CONTRACTOR AS NECESSARY TO FULFILL THE INTENT OF THE DRAINAGE PLANS.
9. THE CONTRACTOR SHALL VERIFY EXISTING DRAINAGE STRUCTURE DATA IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. GRADES, ELEVATIONS, SIZES, AND LENGTHS OF EXISTING STORM SEWER WERE DETERMINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEY. THE INVERTS OF THE PROPOSED DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK IS TO BE INCLUDED IN THE UNIT PRICES OF THE ITEMS TO BE INSTALLED OR REPAIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. DRAINAGE STRUCTURE ELEVATIONS: RIM ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES, WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION OF DRAINAGE ITEMS. GRADES OR SEWER LINES WERE DETERMINED FROM AVAILABLE PLANS AND SURVEY. THE INVERTS OF THE PROPOSED SEWERS CONNECTING TO EXISTING DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER.
11. THE RIM ELEVATION OF ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED FLUSH WITH EXISTING GROUND.
12. ANY COST ASSOCIATED WITH CONSTRUCTING A PROPOSED CATCH BASIN, INLET OR MANHOLE OVER AN EXISTING STORM SEWER SHALL BE CONSIDERED INCLUDED IN THE COST OF THE STRUCTURE. ANY COST ASSOCIATED WITH CONNECTING A PROPOSED CATCH BASIN, INLET OR MANHOLE TO AN EXISTING STORM SEWER SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE STRUCTURE.

GENERAL DETAILS

DESCRIPTION	ELEVATION
HEADWALL, END SECTION, OR FLARED END SECTION	
TYPE 1 AND TYPE 8 FRAME AND GRATE	
FRAMES AND GRATES WITHIN CURB AND GUTTER SECTIONS (EXCLUDING TYPE 1)	

FILE NAME =	USER NAME = jspeelman	DESIGNED - MA	REVISED -
N:\NewLenox\190110 - PH2\Drain\00.DRN.190110	NOTES.sht	DRAWN - MA	REVISED -
Default	PLOT SCALE = 28'	CHECKED - JOC	REVISED -
	PLOT DATE = 2/14/2024	DATE - \$DATE\$	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CEDAR ROAD AT HAVEN AVENUE
DRAINAGE GENERAL NOTES AND DETAILS**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

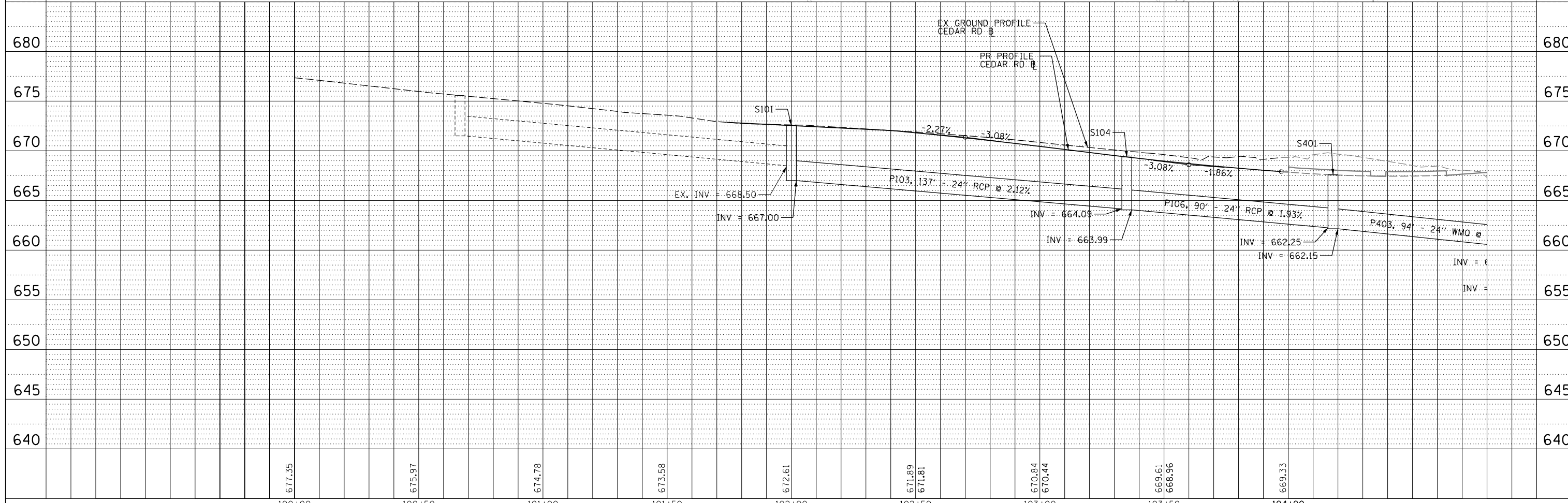
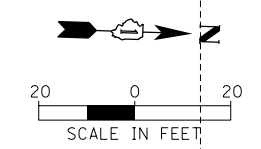
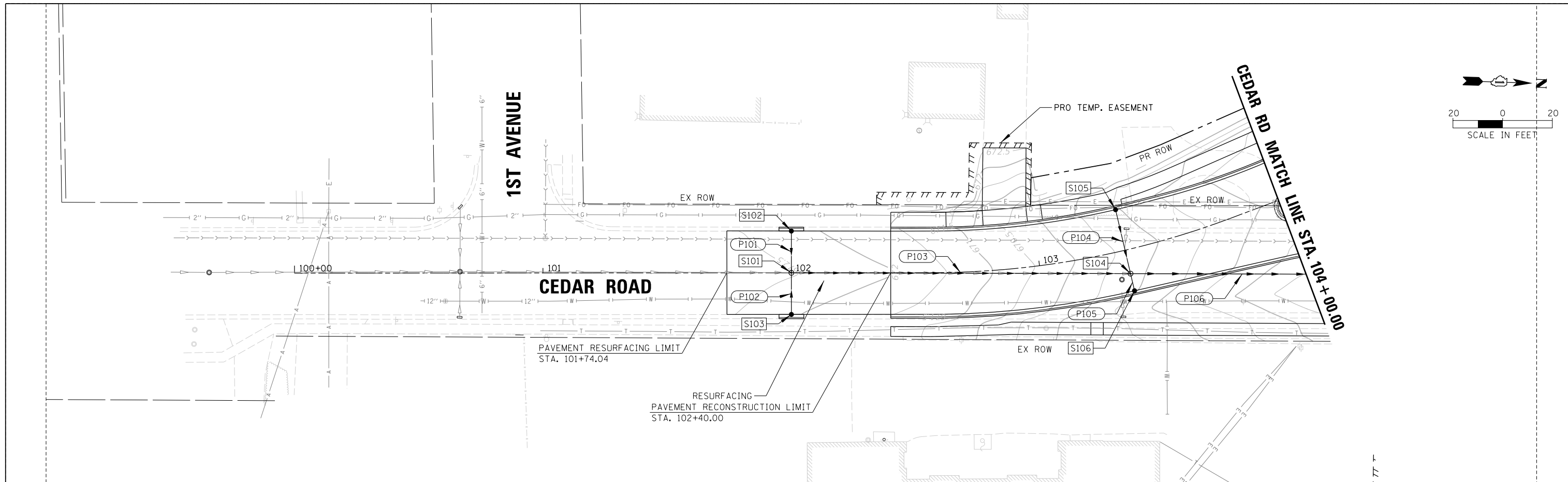
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	19-00043-00-CH	WILL	101	39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61J08	

DRAINAGE STRUCTURE SCHEDULE									
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM	INV (N)	INV (S)	INV (W)	INV (E)	PAY ITEM
S101	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	102+00	0.00' LT	672.54	667.00	668.50	668.05	668.00	60221100
S102	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	102+00	16.80' LT	672.17				668.15	60201330
S103	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	102+00	16.75' RT	672.08			668.08		60201330
S104	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	103+35	9.68' RT	669.18	663.99	664.09	664.85	664.95	60221100
S105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	103+35	16.75' LT	669.04				665.00	60201330
S106	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	103+35	16.76' RT	669.04			665.00		60201330
S201	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	104+38	20.14' LT	667.13	662.80				60201330
S202	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	104+48	22.04' LT	667.08	662.60	662.70			60201330
S203	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	104+58	24.30' LT	667.11	662.40	662.50			60201330
S204	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	105+29.19	56.36' LT	666.66	661.50	661.60			60218400
S205	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	105+56	46.51' LT	666.15	661.10	661.20	661.90		60218400
S206	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	105+56	59.53' LT	666.01				662.00	60234200
S207	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	105+71.96	40.65' LT	665.51	660.80	660.90	662.25		60218400
S208	INLETS, TYPE A, TYPE 23 FRAME & GRATE	105+84.55	84.31' LT	666.01				663.51	60237460
S209	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	106+36	17.13' LT	662.16	657.20	658.15	658.05	657.80	60218400
S210	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	106+36	20.32' LT	662.13				658.10	60201330
S211	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	106+36	26.98' RT	661.98			658.00		60201330
S212	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	108+33.20	19.56' RT	651.50	647.50	647.60	647.50		60218400
S213	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME & GRATE	108+28	17.80' RT	651.85				647.55	60201340
S214	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	108+60	19.55' RT	650.44		646.65			60218400
S215	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	106+01.95	44.02' RT	661.90		657.65	657.90	657.90	60201330
S216	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	105+94.34	50.51' RT	661.97			657.95		60201330
S217	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	106+10.2	38.32' RT	661.92				657.95	60201330
S218	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	107+89.94	23.92' LT	654.33	649.85	649.96 (EX)	650.15 (EX)		60218400
S219	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	107.93.99	23.69' LT	653.68	649.60	649.70			60201330
S220	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	108+43.04	22.32' LT	651.25	647.27 (EX)	647.35	648.93 (EX)		60218400
S301	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	202+78.98	11.50' LT	666.12				662.79	60201330
S302	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	202+88.98	11.50' LT	666.10	662.74	662.74	662.74	662.74	60201330
S303	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	203+08.45	11.53' LT	666.17			662.83		60201330
S304	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	202+88.80	17.41' LT	665.84	662.67	662.67	663.75 (EX)	662.67	60218400
S305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	203+14.79	16.34' LT	665.74			662.78	662.78	60201330
S401	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	300+71.67	80.17' RT	667.25	662.15	662.25	663.05	662.75	60221100
S402	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	300+63.37	80.13' RT	667.10				663.10	60201330
S403	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	300+79.22	82.77' RT	666.83			662.80		60200805
S404	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	300+71.33	13.39' LT	664.98	657.30	659.95	656.90	656.80	60221100
S405	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	300+14.75	49.87' LT	662.32	657.42			657.20	60200805
S406	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	300+86.48	42.06' LT	663.55		657.46			60201330
S407	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	301+13.00	8.54' LT	664.20		660.05	656.70	656.60	60221100
S408	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	301+13.00	31.13' RT	664.81	660.25		660.35		60201330
S409	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	301+06.10	38.04' RT	665.37				660.40	60200805
S410	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	301+53.00	8.69' LT	663.49	659.20		656.50	656.40	60221100
S411	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	301+53.00	21.36' LT	663.33		659.30			60201330
S412	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	302+90.00	9.18' LT	660.89		656.34	656.05	655.95	60203905
S413	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	302+90.00	15.37' RT	660.86	656.45				60201330
S414	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	303+90.00	9.83' LT	660.37	656.30	655.75	655.75	655.65	60203905
S415	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	303+85.00	12.25' LT	660.33		656.35			60234200
S416	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	303+85.00	15.75' RT	660.38	655.86				60201330
S417	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME & GRATE	302+16.00	20.27' LT	661.37	658.13				60201330
S418	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	302+23.15	36.58' LT	660.26	658.05	658.05			60200805
S419	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	300+46.00	36.00' LT	664.21			657.03	657.03	60218400
S501	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	304+97.15	10.68' LT	659.49			655.45	655.46	60203905

STORM SEWER SCHEDULE								
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	PIPE TYPE	SLOPE (%)	TRENCH BACKFILL (CY)	PAY ITEM
P101	S102	S101	17	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.59	2.60	550A0340
P102	S103	S101	17	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.47	2.60	550A0340
P103	S101	S104	137	24	STORM SEWERS, CLASS A, TYPE 2 24"	2.12	32.20	550A0410
P104	S105	S104	26	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.58	3.40	550A0340
P105	S106	S104	7	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.71	0.90	550A0340
P106	S104	S401	90	24	STORM SEWERS, CLASS A, TYPE 2 24"	1.93	76.10	550A0410
P201	S201	S202	10	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	1.50	550A0340
P202	S202	S203	10	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.00	1.70	550A0340
P203	S203	S204	78	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.03	16.80	550A0340
P204	S204	S205	29	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.03	6.80	550A0340
P205	S206	S205	13	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.77	1.70	550A0340
P206	S205	S207	17	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.18	3.70	550A0340
P207	S208	S207	45	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.11	5.90	550A0340
P208	S207	S209	68	12	STORM SEWERS, CLASS A, TYPE 2 12"	3.90	10.30	550A0340
P209	S210	S209	3	12	STORM SEWERS, CLASS A, TYPE 2 12"	1.67	0.40	550A0340
P210	S211	S209	44	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.45	5.80	550A0340
P211	S209	S212	198	12	STORM SEWERS, CLASS A, TYPE 2 12"	4.85	34.30	550A0340
P212	S213	S212	6	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.83	0.80	550A0340
P213	S212	S214	27	12	STORM SEWERS, CLASS A, TYPE 2 12"	3.15	3.60	550A0340
P214	S216	S215	10	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50	1.30	550A0340
P215	S217	S215	10	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50	1.30	550A0340
P216	S218	S219	4	12	STORM SEWERS, CLASS A, TYPE 2 12"	3.75	0.60	550A0340
P217	S219	S220	50	12	STORM SEWERS, CLASS A, TYPE 2 12"	4.50	6.60	550A0340
P301	S301	S302	10	12	STORM SEWERS, CLASS A, TYPE 1 12"	0.50	1.30	550A0050
P302	S303	S302	20	12	STORM SEWERS, CLASS A, TYPE 1 12"	0.45	2.60	550A0050
P303	S302	S304	6	12	STORM SEWERS, CLASS A, TYPE 1 12"	1.17	0.80	550A0050
P304	S305	S304	26	12	STORM SEWERS, CLASS A, TYPE 1 12"	0.44	3.40	550A0050
P305	EX.	S302	33	12	STORM SEWERS, CLASS A, TYPE 1 12"	1.44	5.00	550A0051
P401	S402	S401	8	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.62	1.10	550A0340
P402	S403	S401	8	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.62	1.20	550A0340
P403	S401	S404	94	24	WATER MAIN QUALITY PIPE, TYPE 1, 24"	2.34	19.30	Z0056654
P404	S405	S404	34	18	STORM SEWERS, CLASS A, TYPE 2 18"	0.42	12.20	550A0380
P405	S215	S405	44	15	STORM SEWERS, CLASS A, TYPE 2 15"	0.56	7.30	550A0360
P406	S406	S404	32	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50	21.20	550A0340
P407	S404	S407	42	24	STORM SEWERS, CLASS A, TYPE 2 24"	0.24	37.20	550A0410
P408	S408	S407	40	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50	6.10	550A0340
P409	S409	S408	10	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.50	1.90	550A0340
P410	S407	S410	40	24	STORM SEWERS, CLASS A, TYPE 2 24"	0.25	30.60	550A0410
P411	S411	S410	13	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.77	1.70	550A0340
P412	S410	S412	137	24	STORM SEWERS, CLASS A, TYPE 2 24"	0.26	44.30	550A0410
P413	S413	S412	25	12	STORM SEWERS, CLASS A, TYPE 1 12"	0.44	4.30	550A0050
P414	S412	S414	100	24	STORM SEWERS, CLASS A, TYPE 1 24"	0.20	14.60	550A0120
P415	S415	S414	6	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.83	0.80	550A0340
P416	S416	S414	26	12	STORM SEWERS, CLASS A, TYPE 2 12"	0.58	4.50	550A0340
P417	S417	S418	18	12	STORM SEWERS, CLASS A, TYPE 1 12"	0.44	2.40	550A0050
P418	S419	S404	34	18	STORM SEWERS, CLASS A, TYPE 2 18"	0.38	28.20	550A0380
P501	S414	S501	107	24	STORM SEWERS, CLASS A, TYPE 1 24"	0.19	12.40	550A0120

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

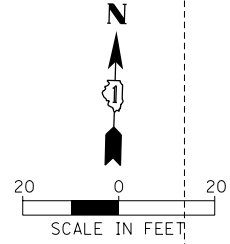
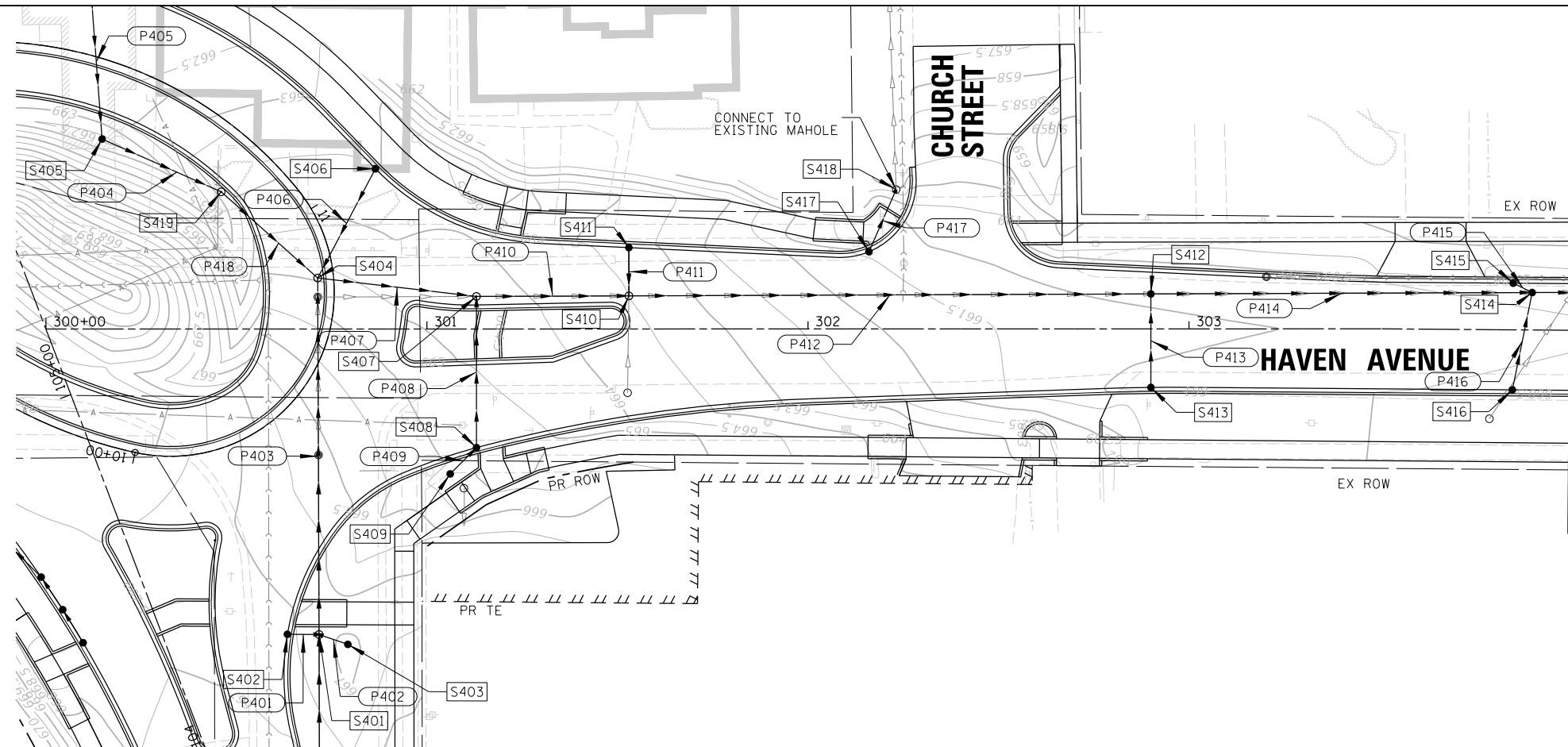
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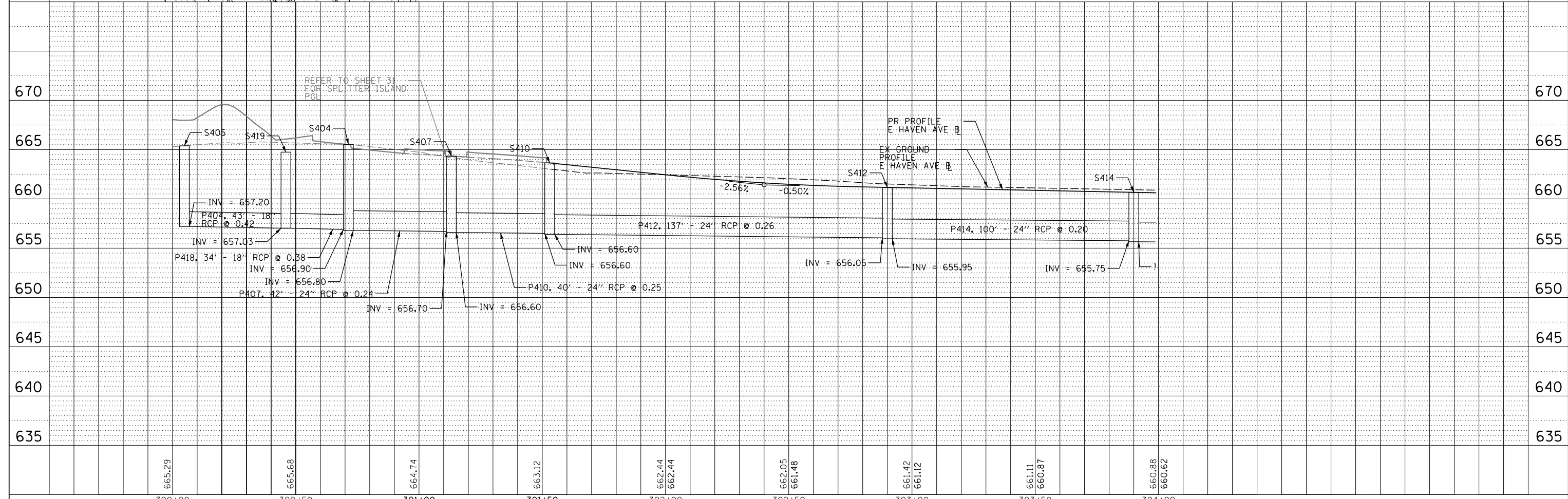
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N:\NewLenox\190110 - PH2\Drawn\01.DPP.190110.CEDAR_01.dgn	PLOT SCALE = 28'	DRAWN - MA	REVISED -		SCALE: 1' = 20'	SHEET 1	OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 61J08		ILLINOIS FED. AID PROJECT		
Default	PLOT DATE = 2/14/2024	CHECKED - JOC	REVISED -										
		DATE - \$DATE\$	REVISED -										

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

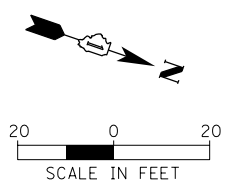
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHFD		
	NO.		



HAVEN AVE MATCH LINE STA. 304 + 00.00



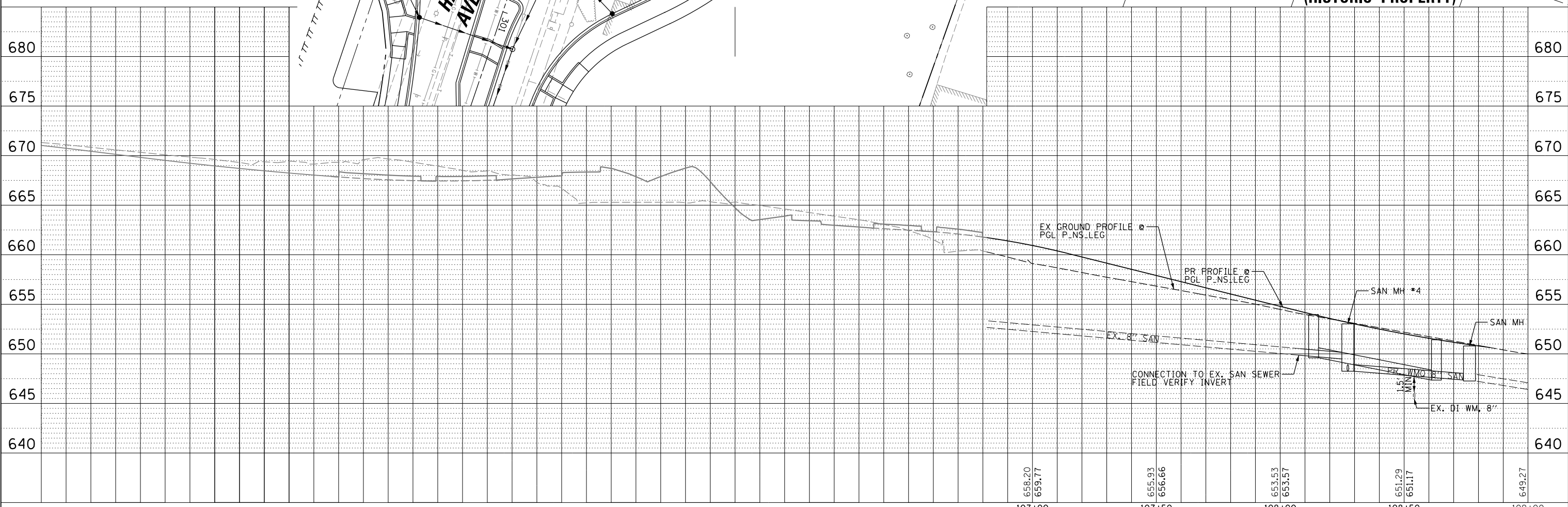
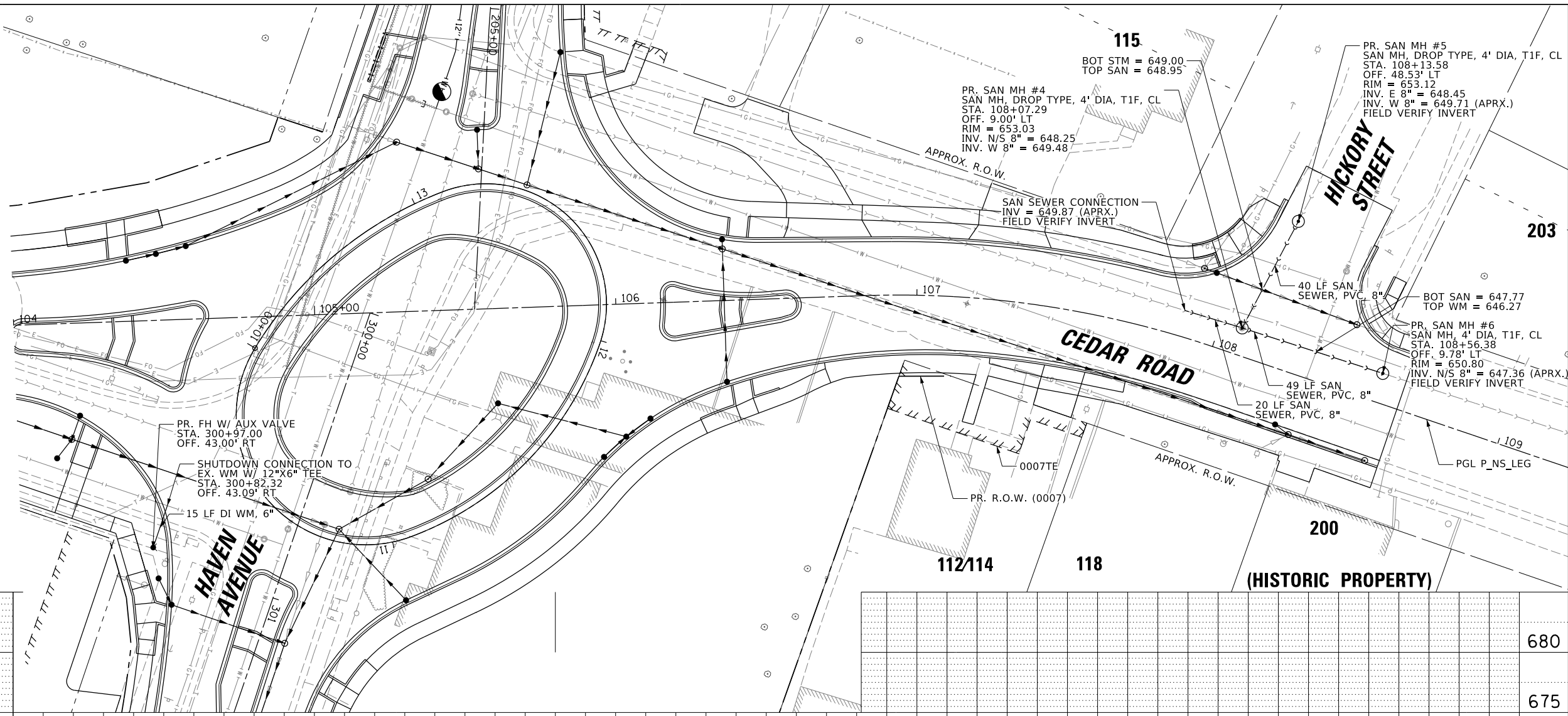
FILE NAME =	USER NAME = aschaefer	DESIGNED - MA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAVEN AVENUE DRAINAGE PLAN AND PROFILE	F.A.U. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\NewLenox\190110 - PH2\Drain\04_DPP_190110_HAVEN_02.dgn	DRAWN - MA	REVISED -	0315			19-00043-00-CH	WILL	101	45	
Default	PLOT SCALE = 28'	CHECKED - JOC	REVISED -			CONTRACT NO. 61J08		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 2/14/2024	DATE - \$DATE\$	REVISED -			SCALE: 1' = 20'	SHEET 4 OF 5 SHEETS	STA. TO STA.		



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
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	CHFD	
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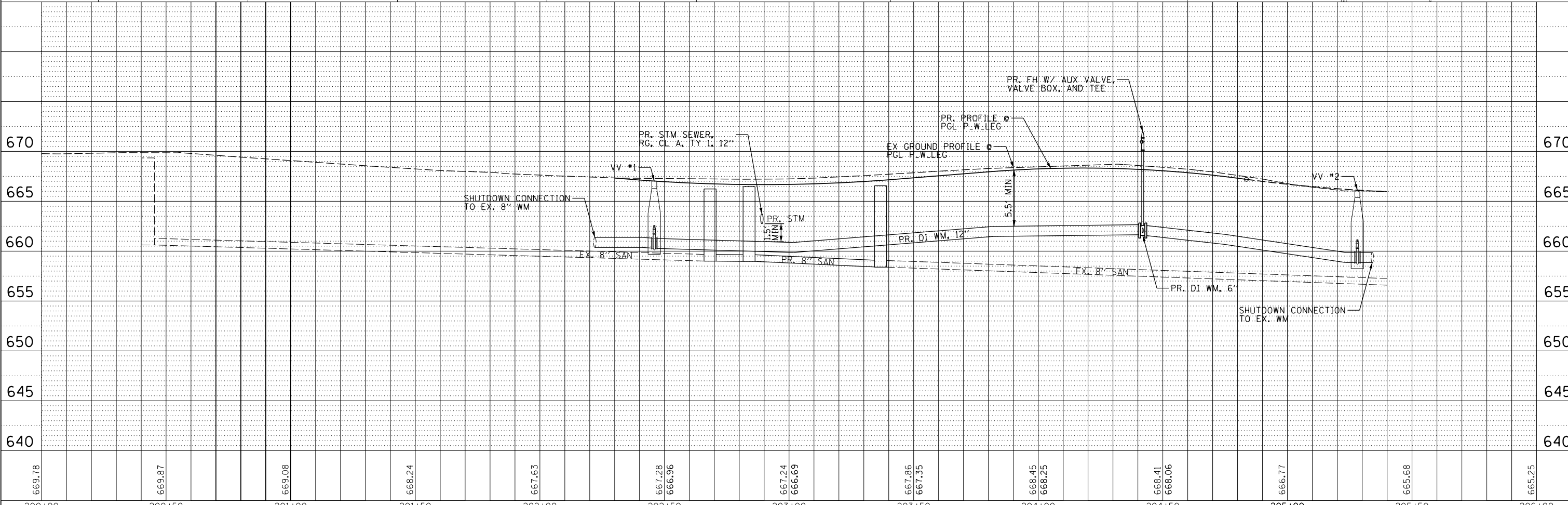
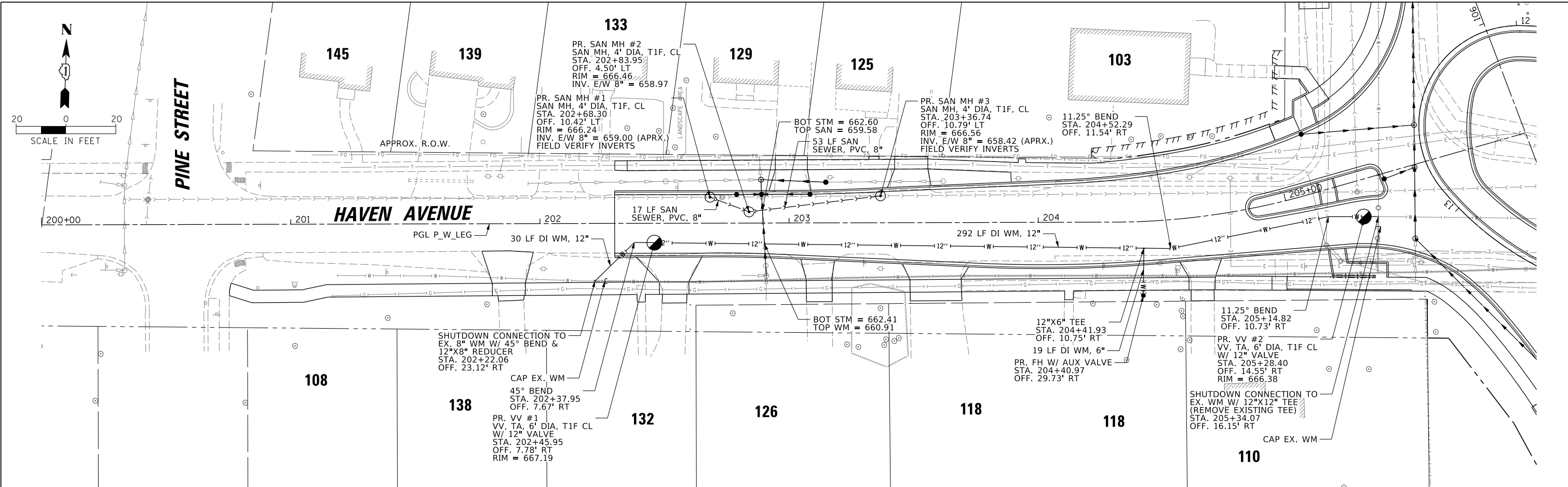
NOTES:
 1. CONTRACTOR SHALL INSTALL A NEW WATER SERVICE AND SANITARY SERVICE TO THE CENTER ISLAND FOR FUTURE USE BY THE VILLAGE. THE WATER SERVICE SHALL BE A 1" COPPER SERVICE WITH NEW B-BOX AND SHALL BE PAID FOR AS WATER SERVICE CONNECTION (LONG). THE SANITARY SERVICE SHALL BE 6" PVC AND SHALL END AT A CLEANOUT. FINAL LAYOUT OF THE WATER AND SANITARY SERVICE SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.



CHRISTOPHER B. BURKE ENGINEERING, LTD. <small>16221 W. 156th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850</small>	USER NAME = jspeelman PLOT SCALE = 28' PLOT DATE = 2/14/2024	DESIGNED - AJS/JRS DRAWN - PWN/JRS CHECKED - AJS DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE UTILITY PLAN AND PROFILE CEDAR ROAD		F.A.U. RT. = 0369 SECTION = 19-00043-00-CH COUNTY = WILL CONTRACT NO. = 61J08	TOTAL SHEETS = 101 SHEET NO. = 47
	SCALE: 1' = 20' SHEET 1 OF 2 SHEETS STA. 106+81.54 TO STA. 109+00				ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	



669.78	669.87	669.08	668.24	667.63	667.28 666.96	667.24 666.69	667.86 667.35	668.45 668.25	668.41 668.06	666.77	665.68	665.25
200+00	200+50	201+00	201+50	202+00	202+50	203+00	203+50	204+00	204+50	205+00	205+50	206+00

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 16221 W. 156th Street, Suite 201
 Lockport, IL 60441
 (815) 770-2850

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
	DRAWN - PWN/JRS	REVISED -
PLOT SCALE = 28'	CHECKED - AJS	REVISED -
PLOT DATE = 2/14/2024	DATE -	REVISED -

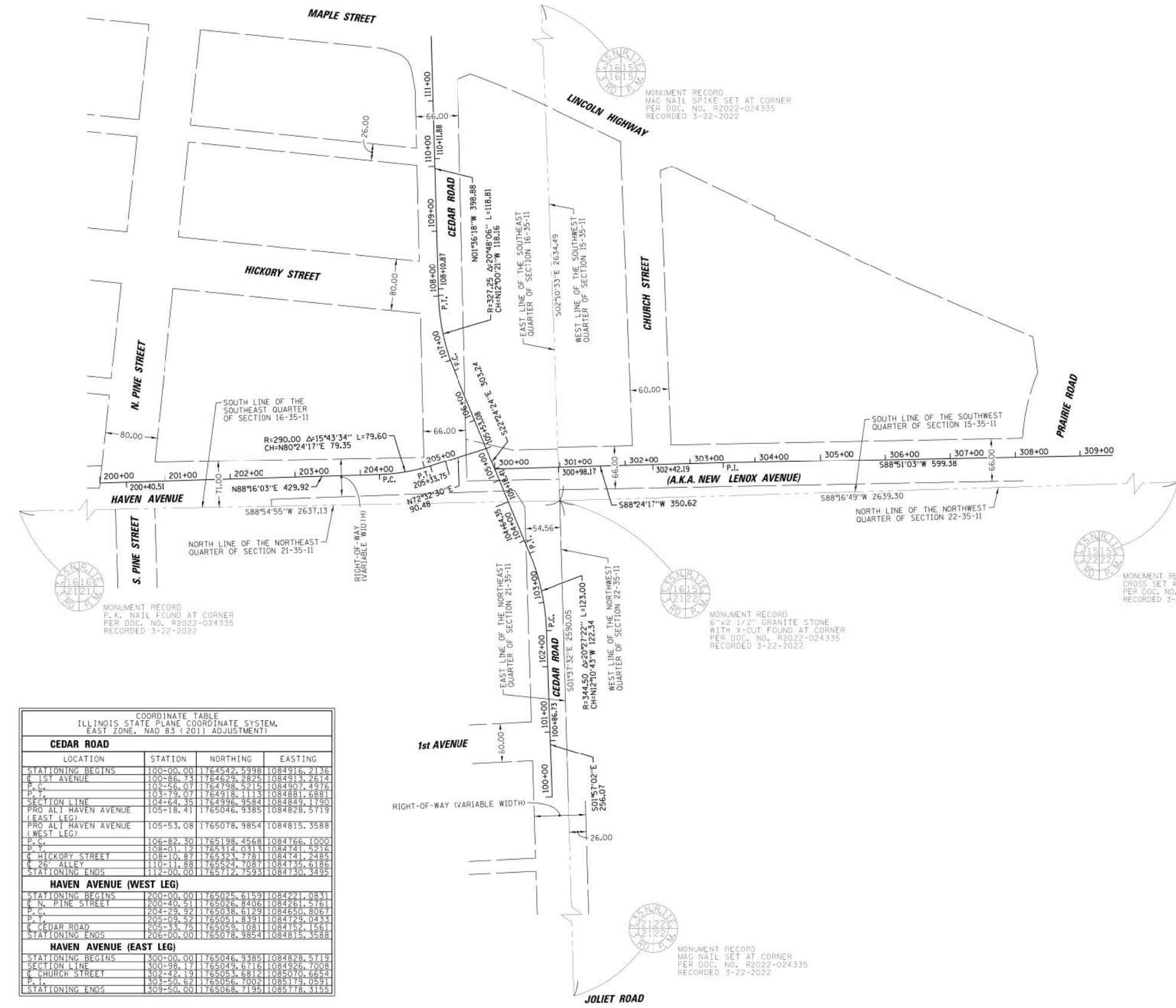
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CEDAR ROAD AT HAVEN AVENUE
UTILITY PLAN AND PROFILE
HAVEN AVENUE

SCALE: 1' = 20' SHEET 2 OF 2 SHEETS STA. 200+00 TO STA. 204+83.55

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	48
CONTRACT NO.			61J08	
ILLINOIS FED. AID PROJECT				

PART OF THE SOUTHWEST QUARTER OF SECTION 15, TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
 PART OF THE SOUTHEAST QUARTER OF SECTION 16, TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
 PART OF THE NORTHEAST QUARTER OF SECTION 21, TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
 PART OF THE NORTHWEST QUARTER OF SECTION 22, TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }
 COUNTY OF COOK }

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184.001175-0014,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 15, 16, 21 & 22, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
 LICENSE EXPIRATION DATE: 11-30-2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTE:
 ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED
 BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.99996012877.
 AREAS SHOWN ON THIS PLAT ARE "GROUND"

COORDINATE TABLE
 ILLINOIS STATE PLANE COORDINATE SYSTEM,
 EAST ZONE, NAD 83 (2011 ADJUSTMENT)

LOCATION	STATION	NORTHING	EASTING
CEDAR ROAD			
STATIONING BEGINS	100+00.00	1764542.5998	1084916.2136
E 1st AVENUE	100+86.73	1764629.2825	1084913.26124
P.C.	102+56.07	1764798.5215	1084907.4976
P.T.	103+79.07	1764918.1113	1084881.6881
SECTION LINE	104+64.35	1764996.9584	1084849.1190
PRO ALI HAVEN AVENUE (EAST LEG)	105+18.41	1765046.9385	1084828.5719
PRO ALI HAVEN AVENUE (WEST LEG)	105+53.08	1765078.9854	1084815.3588
P.C.	106+82.30	1765198.4568	1084766.1000
P.T.	108+01.12	1765314.0313	1084741.5218
E HICKORY STREET	108+10.87	1765323.7781	1084741.2485
E 28' ALLEY	110+11.88	1765524.7087	1084745.6188
STATIONING ENDS	112+00.00	1765712.7593	1084730.3492
HAVEN AVENUE (WEST LEG)			
STATIONING BEGINS	200+00.00	1765025.6159	1084221.0831
E N. PINE STREET	200+40.51	1765026.8408	1084261.5161
P.C.	204+29.92	1765038.6129	1084650.8067
P.T.	205+09.52	1765051.8391	1084729.0433
E CEDAR ROAD	205+33.75	1765059.1081	1084752.1567
STATIONING ENDS	206+00.00	1765078.9854	1084815.3588
HAVEN AVENUE (EAST LEG)			
STATIONING BEGINS	300+00.00	1765046.9385	1084828.5719
SECTION LINE	300+98.17	1765049.6716	1084926.7008
E CHURCH STREET	302+42.19	1765053.6812	1085010.6654
P.T.	303+50.62	1765056.0002	1085119.0591
STATIONING ENDS	309+50.00	1765068.7195	1085178.3155

CB CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

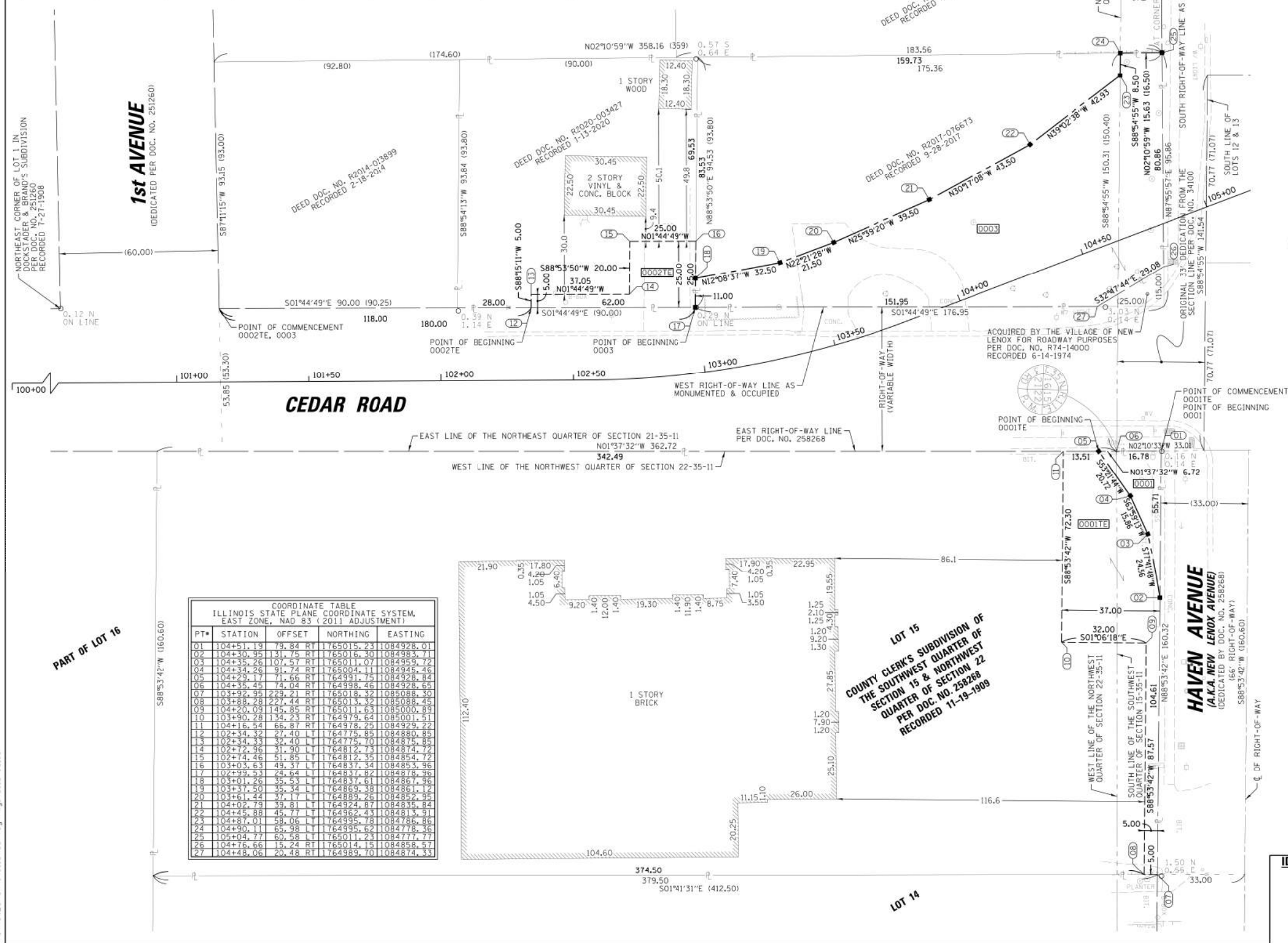
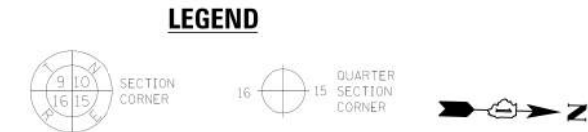
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CEDAR ROAD & HAVEN AVENUE
 LIMITS: CEDAR ROAD - 100+00.00 TO 112+00.00
 HAVEN AVE WEST LEG - 200+00.00 TO 206+00.00
 HAVEN AVE EAST LEG - 300+00.00 TO 309+50.00
 COUNTY: WILL
 SECTION: 19-00043-00-CH JOB NO.: R-55-001-97
 SCALE: 1"=80' SHEET 2 OF 5 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

N:\NewLenox\190110\Survey\NewLenox\190110-02.dwg

PART OF THE SOUTHWEST QUARTER OF SECTION 15, TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
 PART OF THE SOUTHEAST QUARTER OF SECTION 16, TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.
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 PART OF THE NORTHWEST QUARTER OF SECTION 22, TWP. 35 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0001	1.397	0.011	N/A	1.386	N/A	N/A	15-08-22-100-001
0002	0.195	N/A	N/A	0.195	0.019	810	15-08-21-207-016
0003	0.381	0.180	0.032	0.201	N/A	N/A	15-08-21-207-021



COORDINATE TABLE
 ILLINOIS STATE PLANE COORDINATE SYSTEM,
 EAST ZONE, NAD 83 (2011 ADJUSTMENT)

PT*	STATION	OFFSET	NORTHING	EASTING
01	104+51.19	79.84 RT	1765015.23	1084928.01
02	104+50.95	131.75 RT	1765016.30	1084983.71
03	104+50.26	101.57 RT	1765011.07	1084959.72
04	104+50.26	91.74 RT	1765009.11	1084945.46
05	104+29.17	71.66 RT	1764991.75	1084928.84
06	104+35.45	74.04 RT	1764998.46	1084928.65
07	104+32.95	229.21 RT	1765018.32	1085088.30
08	103+88.28	221.44 RT	1765013.32	1085088.45
09	104+20.09	145.85 RT	1765011.63	1085000.89
10	103+90.28	134.23 RT	1764979.64	1085001.51
11	104+16.54	66.87 RT	1764978.25	1084929.22
12	102+34.32	27.40 LT	1764775.85	1084880.85
13	102+34.33	34.40 LT	1764775.70	1084875.85
14	102+72.96	31.90 LT	1764812.73	1084874.72
15	102+74.46	51.85 LT	1764812.35	1084854.72
16	103+03.63	49.37 LT	1764837.34	1084853.96
17	102+99.93	24.64 LT	1764817.82	1084878.38
18	103+01.26	35.53 LT	1764837.61	1084867.96
19	103+37.50	35.34 LT	1764869.38	1084861.12
20	103+61.44	37.17 LT	1764889.25	1084852.95
21	104+02.79	39.81 LT	1764924.87	1084835.84
22	104+45.88	45.77 LT	1764962.43	1084813.91
23	104+87.01	58.06 LT	1764995.78	1084785.86
24	104+90.11	65.98 LT	1764995.62	1084778.46
25	105+04.77	60.58 LT	1765011.23	1084777.77
26	104+78.66	15.24 RT	1765014.15	1084859.57
27	104+48.06	25.48 RT	1764889.70	1084874.33

LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 STAKING OF PROPOSED RIGHT OF WAY
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS
 COUNTY OF COOK

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184,001175-0014,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 15, 16, 21 & 22, TOWNSHIP 35 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240
 LICENSE EXPIRATION DATE: 11-30-2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

NOTE:
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 AREAS SHOWN ON THIS PLAT ARE "GROUND"

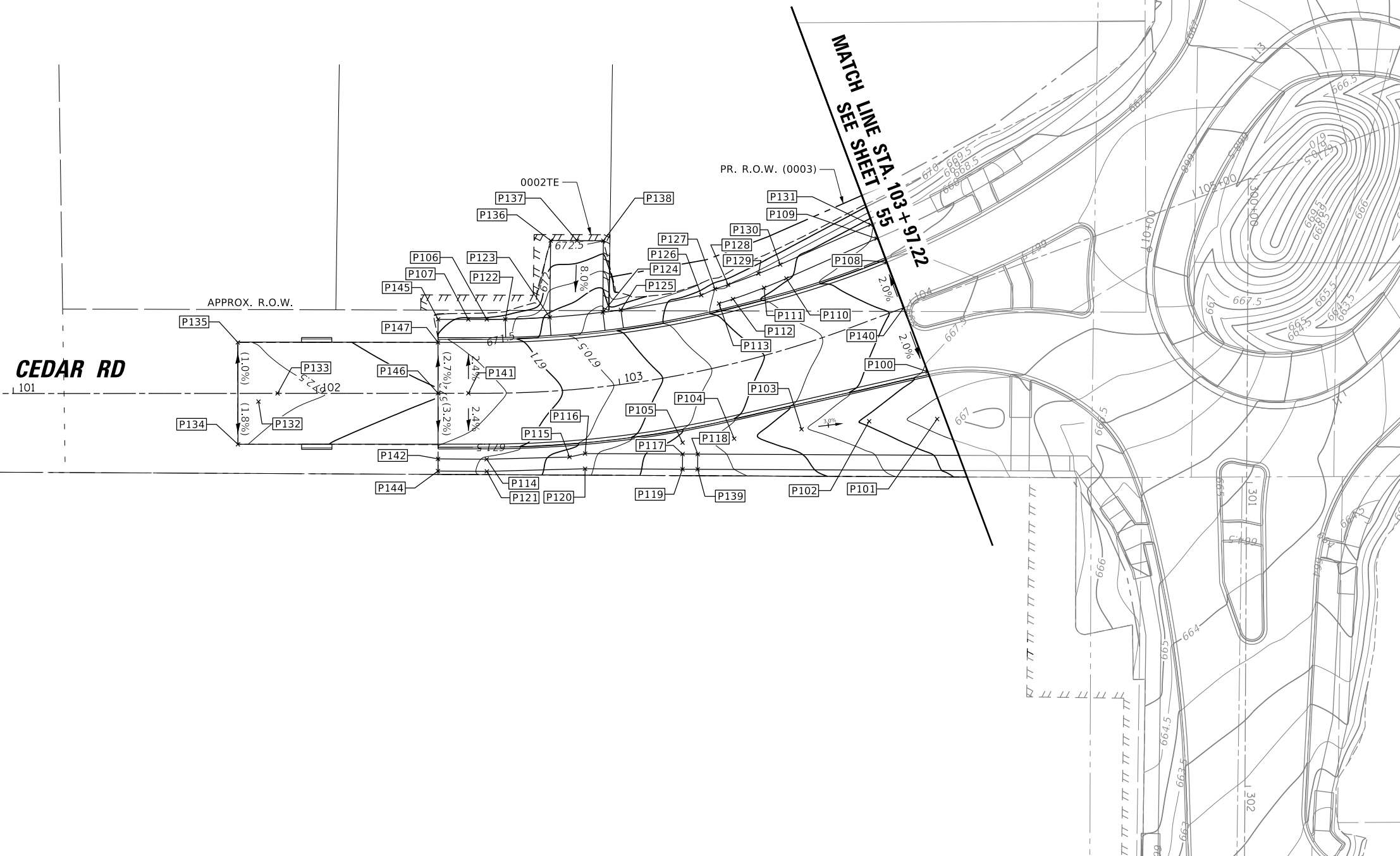
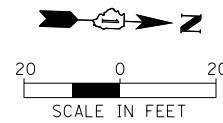
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 CEDAR ROAD

LIMITS: 1ST AVENUE TO HAVEN AVENUE COUNTY: WILL
 SECTION: 19-00043-00-CH JOB NO.: R-55-001-97
 STA. 100+00 TO STA. 105+00
 SCALE: 1"=20' SHEET 3 OF 5 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

LEGEND	
(2.7%)	EXISTING SLOPE
2.4%	PROPOSED SLOPE
P100	POINT (SEE TABLE FOR ELEVATION)
-671-	CONTOUR ELEVATION

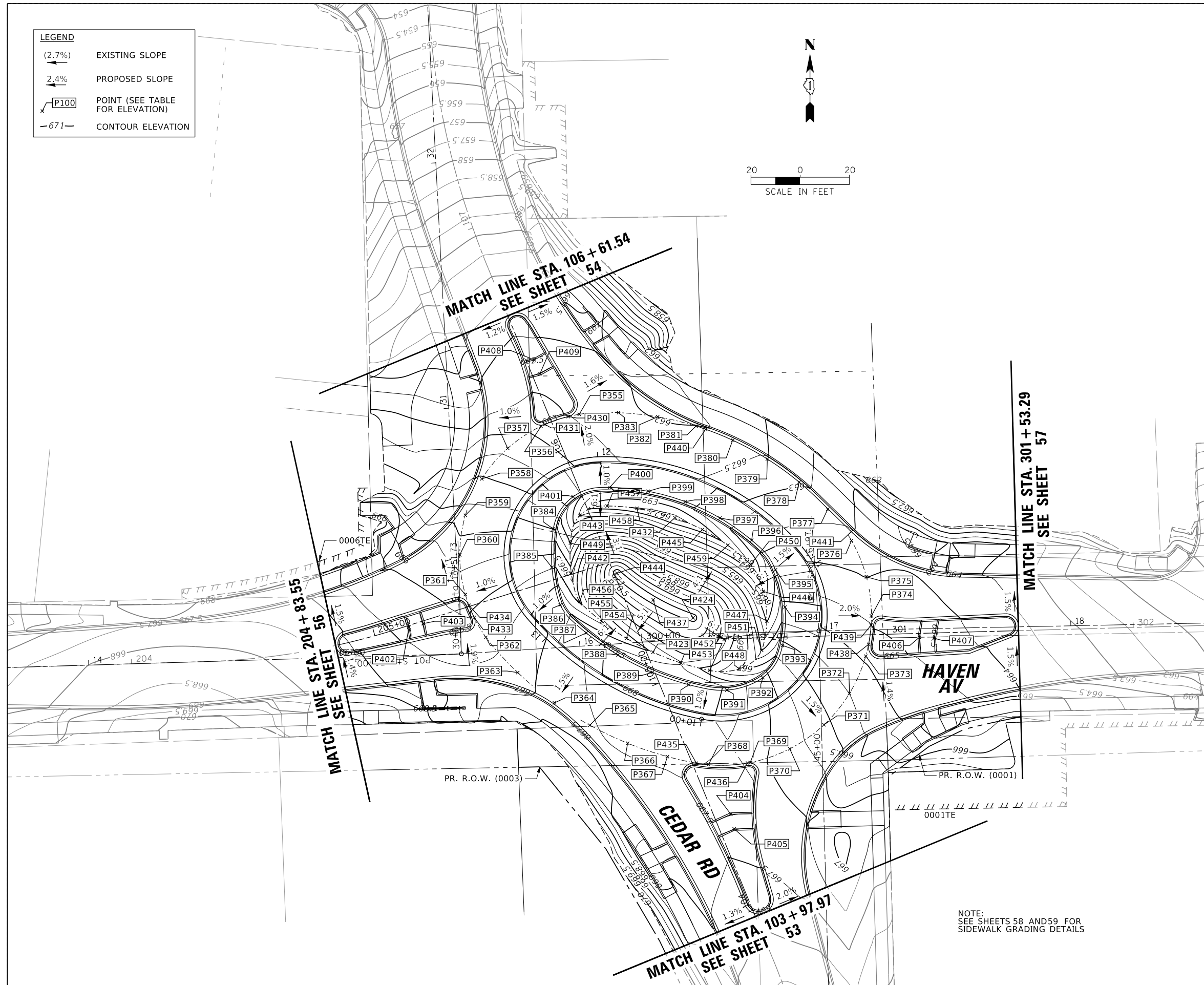
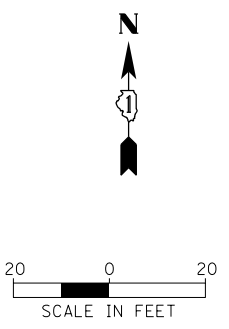


POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P100	1764943.46	1084895.55	667.45	103+97.22	22.48' RT
P101	1764947.11	1084911.04	667.18	103+94.69	38.19' RT
P102	1764924.73	1084912.51	667.90	103+73.90	31.06' RT
P103	1764902.56	1084915.88	668.56	103+53.61	26.70' RT
P104	1764880.47	1084919.71	669.25	103+32.86	24.12' RT
P105	1764863.54	1084921.60	669.84	103+17.01	22.03' RT
P106	1764797.69	1084883.18	671.86	102+56.07	24.33' LT
P107	1764791.63	1084883.39	671.94	102+50.00	24.33' LT
P108	1764928.82	1084860.02	667.58	103+97.22	15.95' LT
P109	1764925.21	1084852.32	668.45	103+96.83	24.44' LT
P110	1764895.90	1084866.41	669.04	103+63.34	22.26' LT
P111	1764888.66	1084869.72	669.20	103+54.87	21.50' LT
P112	1764878.54	1084873.79	669.45	103+43.29	20.64' LT
P113	1764873.99	1084875.42	669.42	103+38.16	20.33' LT
P114	1764799.19	1084929.22	671.46	102+56.00	21.73' RT
P115	1764826.45	1084927.58	670.78	102+81.68	22.04' RT
P116	1764831.54	1084926.28	670.63	102+86.58	21.33' RT
P117	1764863.64	1084925.36	669.73	103+16.37	25.73' RT
P118	1764868.64	1084925.22	669.64	103+20.94	26.65' RT
P119	1764863.79	1084930.36	669.68	103+15.55	30.65' RT
P120	1764831.68	1084931.28	670.58	102+86.15	26.31' RT
P121	1764799.37	1084933.21	671.42	102+56.04	25.73' RT
P122	1764803.79	1084882.92	671.69	102+62.64	24.33' LT
P123	1764818.42	1084881.80	670.89	102+78.42	24.33' LT
P124	1764835.85	1084879.59	670.34	102+97.33	24.33' LT
P125	1764841.75	1084878.62	670.52	103+03.77	24.33' LT
P126	1764868.08	1084872.88	669.63	103+32.78	24.33' LT
P127	1764872.50	1084870.65	669.50	103+37.99	25.33' LT
P128	1764876.80	1084869.10	669.52	103+42.92	25.63' LT
P129	1764886.67	1084865.13	669.27	103+54.39	26.48' LT
P130	1764893.74	1084861.90	669.12	103+62.78	27.23' LT
P131	1764923.05	1084847.81	668.52	103+96.54	29.43' LT
P132	1764723.40	1084912.76	672.76	101+80.81	2.71' RT
P133	1764729.62	1084909.84	672.70	101+87.13	0.00' RT
P134	1764717.11	1084927.05	672.56	101+74.04	16.77' RT
P135	1764715.97	1084893.52	672.57	101+74.04	16.78' LT
P136	1764817.86	1084856.56	672.62	102+80.69	49.50' LT
P137	1764826.54	1084856.29	672.60	102+90.77	48.72' LT
P138	1764835.21	1084856.03	672.38	103+00.79	47.69' LT
P139	1764868.78	1084930.21	669.72	103+20.06	31.56' RT
P140	1764934.90	1084874.77	667.90	103+97.22	0.00' RT
P141	1764792.45	1084907.70	671.81	102+50.00	0.00' RT
P142	1764783.17	1084929.65	671.79	102+39.98	21.62' RT
P144	1764783.28	1084933.65	671.77	102+39.95	25.62' RT
P145	1764781.65	1084883.70	672.08	102+40.02	24.35' LT
P146	1764782.46	1084908.04	672.04	102+40.00	0.00' RT
P147	1764781.89	1084891.30	671.58	102+40.00	16.75' LT

<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 1623 W. 199th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR RD AT HAVEN AVENUE GRADING PLAN CEDAR ROAD		F.A.U. RTE. = 0369	SECTION = 19-00043-00-CH	COUNTY = WILL	TOTAL SHEETS = 101	SHEET NO. = 53		
	PLOT SCALE = 28'	CHECKED - AJS	REVISED -		SCALE: 20'	SHEET 1	OF 7 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 2/14/2024	DATE -	REVISED -		CONTRACT NO. 61J08								
	<p>N:\NewLenox\190110 - PH2\Civil\GRA_01_190110_CEDAR_01.dgn</p>												

LEGEND

(2.7%)	EXISTING SLOPE
2.4%	PROPOSED SLOPE
P100	POINT (SEE TABLE FOR ELEVATION)
-671-	CONTOUR ELEVATION



POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P355	1765139.20	1084803.08	662.42	106+13.43	11.60' RT
P356	1765134.34	1084787.55	662.84	106+14.86	4.61' LT
P357	1765125.36	1084773.98	663.38	106+11.72	20.58' LT
P358	1765112.95	1084763.44	664.03	106+04.27	35.05' LT
P359	1765098.11	1084756.76	664.68	105+93.09	46.89' LT
P360	1765082.00	1084754.47	665.27	105+79.07	55.15' LT
P361	1765065.88	1084756.74	665.81	105+63.30	59.19' LT
P362	1765048.50	1084765.10	666.31	105+44.06	58.09' LT
P363	1765034.16	1084778.06	666.79	105+25.85	51.57' LT
P364	1765021.83	1084792.98	667.18	105+08.76	42.47' LT
P365	1765012.72	1084807.40	667.45	104+94.85	32.62' LT
P366	1765005.40	1084822.80	667.61	104+82.21	21.17' LT
P367	1764999.96	1084838.96	667.64	104+71.02	8.31' LT
P368	1764996.66	1084855.67	667.47	104+61.60	5.89' RT
P369	1764997.57	1084872.65	667.17	104+55.96	21.94' RT
P370	1765003.12	1084888.73	666.72	104+54.97	38.91' RT
P371	1765012.90	1084902.64	666.13	104+58.71	55.50' RT
P372	1765025.71	1084913.06	665.49	104+66.58	70.02' RT
P373	1765040.84	1084919.66	664.92	104+78.06	81.89' RT
P374	1765057.19	1084921.96	664.40	104+92.29	90.24' RT
P375	1765073.05	1084919.93	664.00	105+07.73	94.41' RT
P376	1765087.83	1084913.85	663.65	105+23.71	94.42' RT
P377	1765100.58	1084904.19	663.32	105+39.18	90.36' RT
P378	1765111.60	1084892.56	662.95	105+53.80	83.81' RT
P379	1765121.01	1084879.60	662.57	105+67.45	75.41' RT
P380	1765128.66	1084865.52	662.21	105+79.88	65.31' RT
P381	1765134.42	1084850.57	662.01	105+90.90	53.68' RT
P382	1765138.18	1084835.00	661.98	106+00.31	40.72' RT
P383	1765139.88	1084819.07	662.13	106+07.96	26.64' RT
P384	1765092.59	1084792.54	664.99	105+74.35	15.91' LT
P385	1765076.94	1084791.98	666.46	105+60.10	22.40' LT
P386	1765061.67	1084795.35	667.29	105+44.70	25.10' LT
P387	1765050.28	1084805.94	667.77	105+30.13	19.65' LT
P388	1765041.33	1084818.82	668.13	105+16.94	11.15' LT
P389	1765034.25	1084832.82	668.34	105+05.06	0.90' LT
P390	1765029.20	1084847.67	668.38	104+94.73	10.90' RT
P391	1765027.01	1084863.14	667.90	104+86.81	24.37' RT
P392	1765032.09	1084877.80	667.12	104+85.92	39.85' RT

POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P393	1765045.18	1084885.78	666.11	104+94.98	52.22' RT
P394	1765060.78	1084886.79	665.11	105+09.02	59.10' RT
P395	1765075.93	1084882.93	664.35	105+24.50	61.31' RT
P396	1765088.01	1084873.23	663.78	105+39.36	56.94' RT
P397	1765097.00	1084860.38	663.30	105+52.57	48.49' RT
P398	1765103.69	1084846.20	662.90	105+64.16	37.93' RT
P399	1765107.89	1084831.09	662.81	105+73.80	25.56' RT
P400	1765109.47	1084815.49	663.01	105+81.22	11.74' RT
P401	1765105.68	1084800.58	663.68	105+83.39	3.48' LT
P402	1765052.60	1084733.80	666.39	105+59.77	85.46' LT
P403	1765054.07	1084739.63	666.29	105+58.91	79.51' LT
P404	1764976.52	1084864.75	667.37	104+39.52	6.61' RT
P405	1764970.55	1084866.14	667.41	104+33.48	5.61' RT
P406	1765048.48	1084941.46	664.36	104+76.81	104.96' RT
P407	1765048.12	1084947.50	664.28	104+74.18	110.40' RT
P408	1765161.34	1084784.83	662.26	106+40.85	3.16' RT
P409	1765155.73	1084787.10	662.36	106+34.80	3.13' RT
P423	1765070.56	1084821.45	669.53	105+42.96	2.42' RT
P424	1765055.95	1084847.60	671.40	105+19.50	21.02' RT
P430	1765138.28	1084798.57	662.52	106+14.29	7.08' RT
P431	1765135.08	1084789.16	662.78	106+14.92	2.84' LT
P432	1765042.46	1084850.67	668.80	105+05.85	18.72' RT
P433	1765056.55	1084760.33	666.08	105+53.31	59.42' LT
P434	1765061.51	1084758.20	665.94	105+53.71	59.51' LT
P435	1764997.30	1084850.72	667.53	104+64.08	1.56' RT
P436	1764997.36	1084871.55	667.20	104+56.20	20.83' RT
P437	1765051.42	1084828.44	667.49	105+22.61	1.59' RT
P438	1765045.65	1084920.81	664.76	104+82.06	84.78' RT
P439	1765053.44	1084921.83	664.52	104+88.87	88.69' RT
P440	1765133.11	1084854.52	662.04	105+88.19	56.84' RT
P441	1765091.46	1084913.77	663.55	105+27.10	95.74' RT
P442	1765065.47	1084809.02	666.18	105+43.00	11.02' LT
P443	1765090.04	1084808.41	663.68	105+65.95	2.21' LT
P444	1765087.58	1084832.22	661.18	105+54.60	18.86' RT
P445	1765081.42	1084850.32	662.14	105+42.00	33.25' RT
P446	1765070.89	1084866.29	663.10	105+26.18	44.00' RT
P447	1765048.25	1084870.41	665.95	105+03.68	39.18' RT
P448	1765041.84	1084864.50	667.10	105+00.00	31.27' RT
P449	1765091.64	1084811.37	663.31	105+66.30	1.13' RT
P450	1765074.39	1084878.60	664.70	105+24.73	56.72' RT
P451	1765049.57	1084881.94	666.21	105+00.50	50.34' RT
P452	1765032.09	1084866.38	668.06	104+90.27	29.30' RT
P453	1765035.82	1084841.59	668.76	105+03.17	7.80' RT
P454	1765046.75	1084818.75	668.44	105+21.98	9.16' LT
P455	1765063.21	1084799.70	667.68	105+44.46	20.49' LT
P456	1765088.16	1084796.60	665.76	105+68.71	13.85' LT
P457	1765104.88	1084812.13	663.47	105+78.25	6.88' RT
P458	1765101.77	1084837.23	663.19	105+65.81	28.90' RT
P459	1765091.64	1084860.40	663.76	105+47.61	46.47' RT

NOTE:
SEE SHEETS 58 AND 59 FOR
SIDEWALK GRADING DETAILS

<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 4023 W. 109th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE GRADING PLAN ROUNDABOUT			F.A.U. R.T.E. = 0315	SECTION = 19-00043-00-CH	COUNTY = WILL	TOTAL SHEETS = 101	SHEET NO. = 55	
	PLOT SCALE = 28'	CHECKED - AJS	REVISED -		SCALE: 20'			SHEET 3	OF 7 SHEETS	STA. TO STA.	CONTRACT NO. 61J08		
	PLOT DATE = 2/14/2024	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

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POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P500	1765012.31	1084632.97	669.26	204+58.49	28.81' RT
P501	1765032.87	1084450.97	667.13	202+40.00	0.00' RT
P502	1765020.88	1084451.34	667.37	202+40.00	12.00' RT
P503	1765026.64	1084693.37	667.94	204+70.00	16.17' RT
P504	1765010.04	1084481.42	667.70	202+59.75	23.44' RT
P505	1765009.61	1084459.55	668.04	202+47.87	23.51' RT
P506	1765020.57	1084451.34	667.52	202+30.00	12.00' RT
P507	1765044.06	1084450.63	666.70	202+30.00	11.50' LT
P508	1765017.28	1084631.97	669.19	204+58.16	23.75' RT
P509	1765012.62	1084692.17	669.11	204+66.79	29.82' RT
P510	1765032.57	1084450.98	667.33	202+30.00	0.00' RT
P511	1765045.17	1084703.96	667.20	204+83.55	0.00' RT
P512	1765044.37	1084450.63	666.56	202+40.00	11.50' LT
P513	1765073.05	1084697.13	667.41	204+82.76	28.69' LT
P514	1765061.83	1084581.07	666.83	203+60.92	25.32' LT
P515	1765061.90	1084575.89	666.66	203+55.74	25.54' LT
P516	1765057.83	1084581.03	666.77	203+60.75	21.32' LT
P517	1765061.45	1084552.57	666.25	203+42.42	25.49' LT
P518	1765057.45	1084552.71	666.19	203+42.43	21.49' LT
P519	1765057.90	1084576.02	666.60	203+55.75	21.54' LT
P520	1765053.85	1084455.43	665.88	202+35.09	21.14' LT
P521	1765053.86	1084450.43	665.91	202+30.09	21.30' LT
P522	1765059.84	1084514.71	665.97	202+94.53	25.33' LT
P523	1765055.84	1084514.85	665.91	202+94.54	21.33' LT
P524	1765060.27	1084527.57	665.71	203+07.40	25.38' LT
P525	1765056.28	1084527.71	665.65	203+07.41	21.38' LT
P526	1765063.06	1084650.32	667.97	204+30.20	24.45' LT
P527	1765061.82	1084629.99	668.09	204+09.81	23.83' LT
P528	1765061.24	1084556.27	666.04	203+36.11	25.47' LT
P529	1765057.24	1084556.41	665.98	203+36.13	21.47' LT
P530	1765061.10	1084552.25	665.95	203+32.09	25.46' LT
P531	1765057.10	1084552.39	665.89	203+32.10	21.46' LT
P532	1765056.94	1084547.39	665.92	203+27.10	21.44' LT
P533	1765055.68	1084509.85	665.81	202+89.54	21.32' LT
P534	1765056.44	1084532.70	665.68	203+12.41	21.39' LT
P535	1765061.46	1084612.22	667.90	203+92.04	24.01' LT
P536	1765057.50	1084609.34	667.89	203+89.04	20.13' LT
P537	1765053.72	1084581.35	666.13	203+40.97	17.80' LT
P538	1765054.57	1084576.76	666.55	203+56.39	18.19' LT
P539	1765051.98	1084522.71	665.86	203+02.28	17.23' LT
P540	1765052.17	1084528.55	665.90	203+08.13	17.25' LT
P541	1765051.68	1084513.70	665.84	202+93.28	17.21' LT
P542	1765052.51	1084535.19	665.43	203+14.77	17.38' LT
P543	1765028.22	1084707.66	667.45	204+83.55	17.34' RT

POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P544	1765001.74	1084306.94	670.64	200+85.10	26.46' RT
P545	1765004.31	1084297.91	670.27	200+76.15	23.61' RT
P546	1765002.44	1084326.32	670.72	201+04.49	26.35' RT
P547	1765004.79	1084336.08	670.59	201+14.32	24.29' RT
P548	1765008.09	1084427.40	668.39	202+05.69	23.75' RT
P549	1765009.29	1084450.58	668.21	202+38.89	23.56' RT
P550	1765009.41	1084463.90	668.20	202+42.22	23.54' RT
P551	1765010.14	1084434.06	667.62	202+62.39	23.42' RT
P552	1765010.95	1084506.66	667.87	202+85.00	23.29' RT
P553	1765011.47	1084520.92	668.12	202+99.28	23.21' RT
P554	1765012.11	1084538.73	667.88	203+17.09	23.10' RT
P555	1765012.69	1084554.68	667.81	203+33.06	23.01' RT
P556	1765013.24	1084570.12	668.47	203+48.50	22.92' RT
P557	1765013.98	1084590.52	668.78	203+68.92	22.80' RT
P558	1765008.98	1084590.70	668.85	203+68.95	27.80' RT
P559	1765014.22	1084597.19	669.09	203+75.59	22.76' RT
P560	1765015.48	1084632.11	669.94	204+10.53	22.56' RT
P561	1765015.61	1084635.61	669.97	204+14.03	22.54' RT
P562	1765016.97	1084673.27	669.85	204+50.13	23.08' RT
P563	1765017.66	1084692.52	669.03	204+67.84	24.89' RT
P564	1765061.54	1084615.22	668.01	203+95.04	23.99' LT
P565	1765062.04	1084641.77	668.05	204+21.60	23.69' LT
P566	1765067.17	1084674.73	667.83	204+57.24	26.66' LT
P567	1765008.25	1084570.30	668.55	203+48.53	27.92' RT
P568	1765007.69	1084554.86	667.77	203+33.09	28.01' RT
P569	1765007.12	1084539.02	667.95	203+17.24	28.10' RT
P570	1765006.74	1084528.66	668.19	203+06.86	28.16' RT
P571	1765006.47	1084521.10	668.11	202+99.30	28.21' RT
P572	1765005.14	1084484.24	667.70	202+62.42	28.42' RT
P573	1765004.41	1084454.08	668.27	202+42.25	28.54' RT
P574	1765004.29	1084460.76	668.28	202+38.92	28.56' RT
P575	1765002.28	1084405.00	669.17	201+83.13	28.89' RT
P576	1764999.30	1084297.25	670.51	200+75.33	28.60' RT
P577	1765052.39	1084509.49	665.73	202+89.08	18.04' LT
P578	1765052.94	1084557.75	666.40	203+37.34	17.13' LT
P579	1765055.12	1084606.43	667.69	203+86.07	17.84' LT
P580	1765054.50	1084582.93	666.82	203+62.56	17.93' LT
P581	1765002.66	1084415.50	668.84	201+93.63	28.83' RT
P582	1765007.19	1084402.58	669.14	201+80.86	23.90' RT
P583	1765007.67	1084415.84	668.75	201+94.13	23.82' RT
P584	1765004.66	1084470.95	668.08	202+49.12	28.50' RT
P585	1765005.01	1084480.76	667.80	202+58.94	28.44' RT
P586	1765011.74	1084528.58	668.11	203+06.94	23.16' RT
P587	1765065.82	1084699.44	666.88	204+83.55	21.14' LT

POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P588	1765061.39	1084683.63	667.20	204+65.95	19.69' LT
P589	1765058.07	1084667.54	667.38	204+48.42	18.38' LT
P590	1765055.54	1084651.31	667.44	204+31.00	16.90' LT
P591	1765054.81	1084594.68	667.25	203+74.31	17.88' LT
P592	1765052.72	1084546.47	665.91	203+26.05	17.26' LT
P593	1765051.49	1084470.60	665.72	202+50.19	18.32' LT
P594	1765050.49	1084453.42	665.99	202+32.98	17.84' LT
P595	1765049.49	1084436.23	666.25	202+15.77	17.36' LT
P596	1765051.94	1084490.04	665.73	202+69.63	18.18' LT

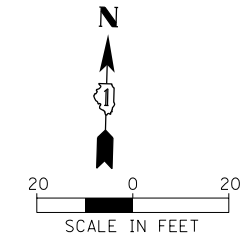
LEGEND

(2.7%) EXISTING SLOPE

2.4% PROPOSED SLOPE

P100 POINT (SEE TABLE FOR ELEVATION)

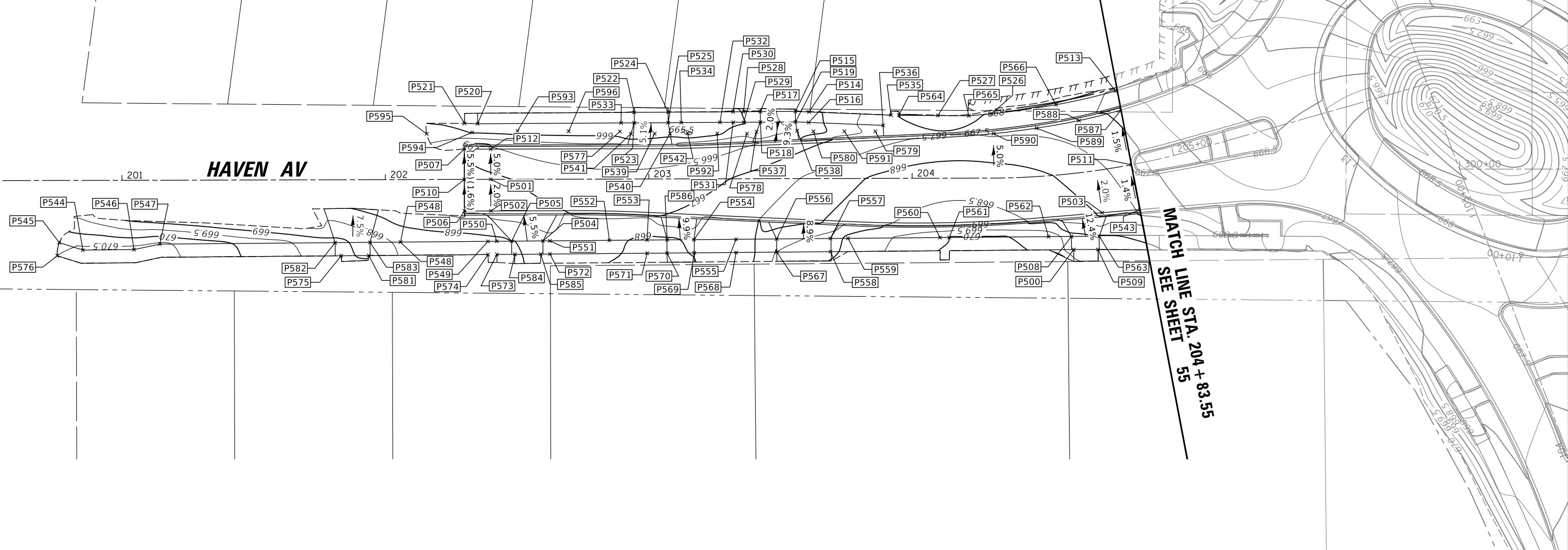
-671- CONTOUR ELEVATION



PINE ST

HAVEN AV

MATCH LINE STA. 204 + 83.55
SEE SHEET 55



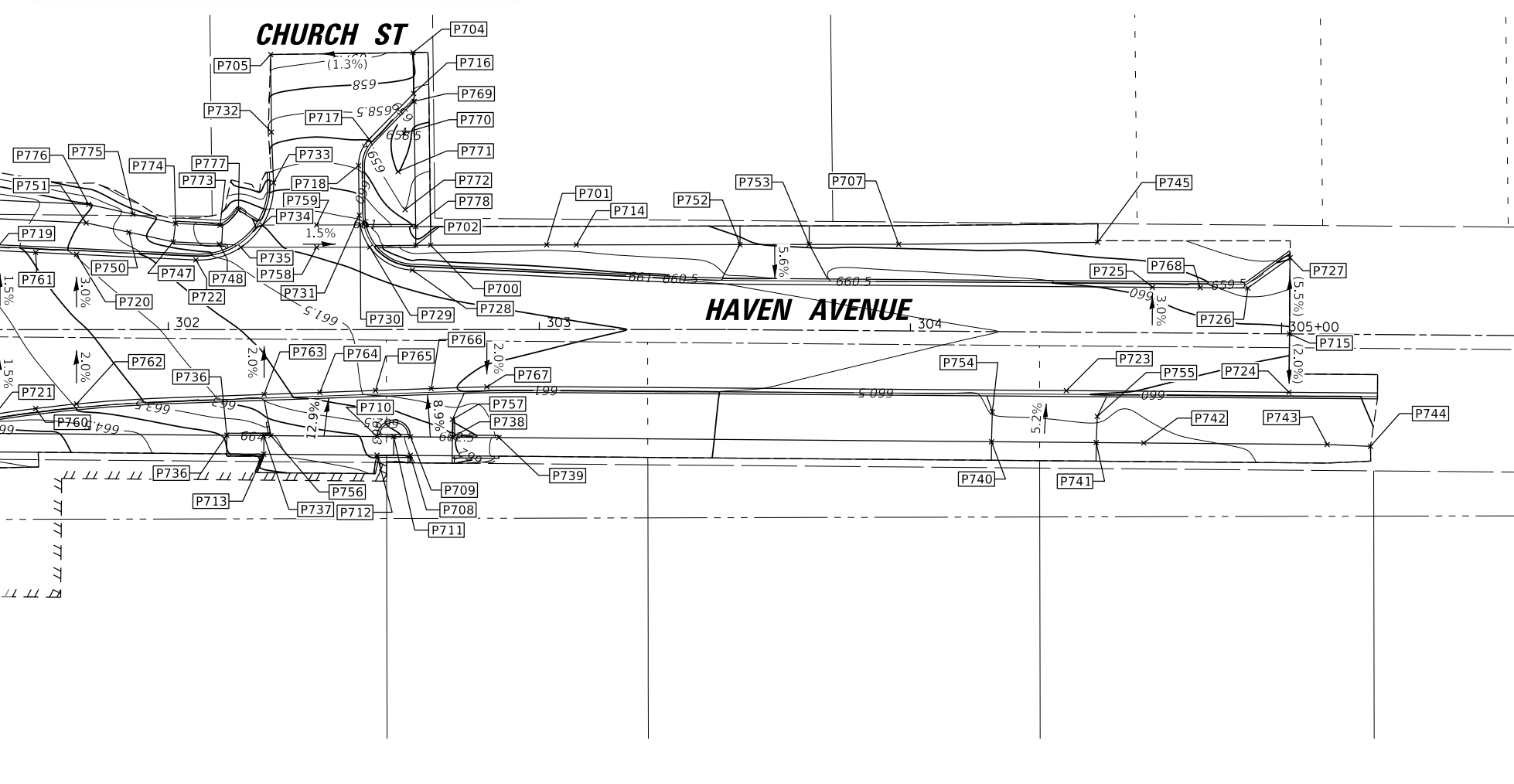
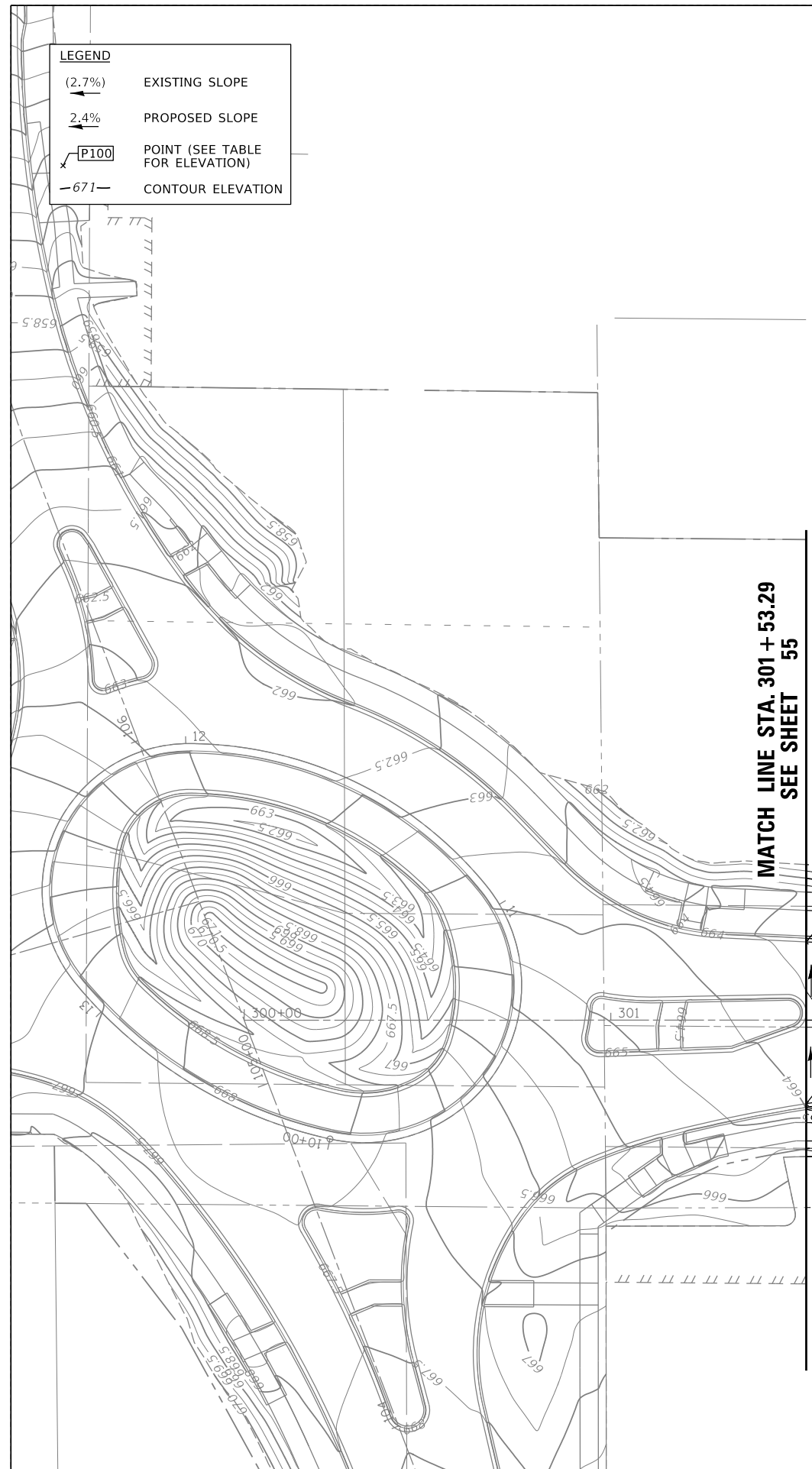
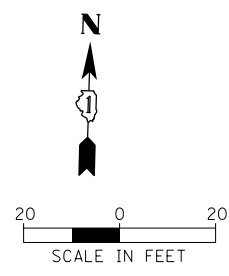
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 1027 W. 109th Street, Suite 201 Joplin, MO 64601 (816) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE GRADING PLAN HAVEN AVENUE			F.A.U. RT.E. 0315	SECTION 19-00043-00-CH	COUNTY WILL	TOTAL SHEETS 101	SHEET NO. 56
	PLOT SCALE = 28'	CHECKED - AJS	REVISED -		SCALE: 20'	SHEET 4	OF 7 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 61J08	
	PLOT DATE = 2/14/2024	DATE -	REVISED -									

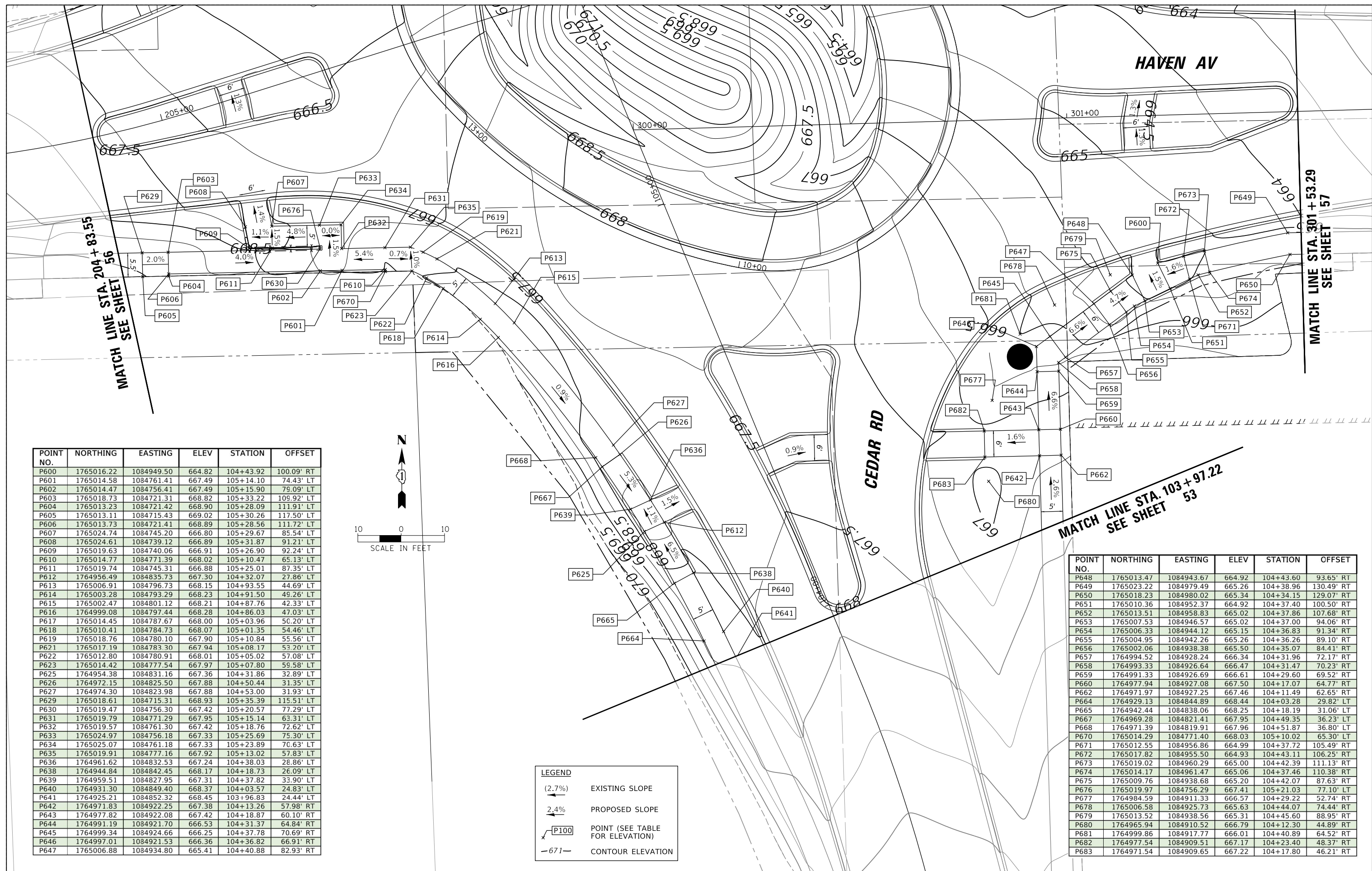
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LEGEND	
(2.7%)	EXISTING SLOPE
2.4%	PROPOSED SLOPE
P100	POINT (SEE TABLE FOR ELEVATION)
-671-	CONTOUR ELEVATION

POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P700	1765077.22	1085098.52	560.06	302+70.69	22.76' LT
P701	1765078.15	1085129.83	560.34	303+02.01	22.81' LT
P702	1765077.08	1085094.55	560.04	302+66.72	22.72' LT
P704	1765128.99	1085092.37	557.67	302+65.98	74.67' LT
P705	1765127.39	1085054.03	557.18	302+27.61	74.14' LT
P707	1765080.95	1085224.63	559.91	303+96.67	23.34' LT
P708	1765020.44	1085094.64	562.50	302+65.23	33.89' RT
P709	1765025.44	1085094.54	562.43	302+65.27	28.89' RT
P710	1765025.27	1085085.55	562.86	302+56.27	28.82' RT
P711	1765025.36	1085090.05	562.64	302+60.77	28.85' RT
P712	1765020.27	1085085.65	562.93	302+56.23	33.82' RT
P713	1765019.68	1085055.17	563.63	302+25.75	33.56' RT
P714	1765078.39	1085137.79	560.31	303+09.98	22.83' LT
P715	1765059.74	1085330.56	560.11	305+02.15	0.00' RT
P716	1765117.96	1085092.82	558.23	302+66.13	63.64' LT
P717	1765105.31	1085081.17	558.98	302+54.13	51.32' LT
P718	1765098.13	1085078.53	559.42	302+51.29	44.21' LT
P719	1765072.54	1084981.21	563.32	301+53.29	21.34' LT
P720	1765072.12	1085003.23	562.47	301+75.29	20.31' LT
P721	1765028.44	1084982.44	563.98	301+53.29	22.78' RT
P722	1765071.49	1085035.43	561.70	302+07.46	18.79' LT
P723	1765042.79	1085270.88	560.09	304+42.15	15.75' RT
P724	1765043.99	1085330.87	559.79	305+02.15	15.75' RT
P725	1765071.24	1085293.31	559.92	304+65.15	12.25' LT
P726	1765071.76	1085319.01	559.31	304+90.85	12.25' LT
P727	1765080.25	1085330.14	558.97	305+02.15	20.51' LT
P728	1765070.37	1085093.78	560.84	302+65.76	16.04' LT
P729	1765076.22	1085082.18	560.65	302+54.33	22.21' LT
P730	1765082.14	1085079.42	560.60	302+51.73	28.21' LT
P731	1765084.75	1085079.08	560.42	302+51.47	30.82' LT
P732	1765106.50	1085054.82	558.73	302+27.82	53.24' LT
P733	1765092.87	1085055.76	559.74	302+28.38	39.59' LT
P734	1765081.39	1085053.07	561.00	302+25.37	28.19' LT
P735	1765075.23	1085047.45	561.17	302+19.58	22.18' LT
P736	1765024.49	1085045.07	563.96	302+15.79	28.47' RT
P737	1765024.68	1085055.07	563.56	302+25.79	28.56' RT
P738	1765025.66	1085105.83	562.07	302+76.56	28.99' RT
P739	1765025.90	1085118.39	561.40	302+89.12	29.10' RT
P740	1765028.46	1085251.09	560.86	304+22.08	29.68' RT
P741	1765029.01	1085279.30	560.79	304+50.29	29.70' RT
P742	1765029.25	1085292.11	560.58	304+63.10	29.71' RT
P743	1765030.21	1085341.54	560.28	305+12.54	29.75' RT
P744	1765030.04	1085353.21	560.22	305+24.20	30.15' RT
P745	1765082.95	1085278.18	559.72	304+50.25	24.26' LT

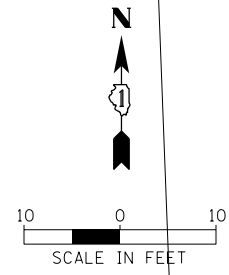
POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P747	1765076.20	1085029.18	561.75	302+01.34	23.66' LT
P748	1765075.96	1085041.59	561.24	302+13.74	23.08' LT
P750	1765078.46	1085017.18	562.23	301+89.41	26.26' LT
P751	1765080.65	1085005.59	562.96	301+77.89	28.77' LT
P752	1765079.69	1085181.90	560.03	303+53.92	22.93' LT
P753	1765080.24	1085200.52	559.95	303+72.55	23.11' LT
P754	1765036.49	1085251.09	560.47	304+22.24	21.65' RT
P755	1765036.06	1085279.41	560.41	304+50.54	22.64' RT
P756	1765024.72	1085056.95	563.52	302+27.67	28.57' RT
P757	1765030.42	1085105.73	561.84	302+76.59	24.23' RT
P758	1765075.81	1085067.85	560.87	302+39.98	22.20' LT
P759	1765081.81	1085067.68	560.78	302+39.98	28.20' LT
P760	1765030.28	1084993.37	563.73	301+64.27	21.24' RT
P761	1765072.33	1084992.22	562.89	301+64.29	20.82' LT
P762	1765031.81	1085004.35	563.48	301+75.29	20.01' RT
P763	1765035.77	1085054.82	562.22	302+25.85	17.46' RT
P764	1765036.71	1085069.80	561.78	302+40.85	16.94' RT
P765	1765037.66	1085084.79	561.42	302+55.86	16.41' RT
P766	1765038.60	1085099.77	561.12	302+70.86	15.89' RT
P767	1765039.47	1085114.76	560.88	302+85.87	15.43' RT
P768	1765071.50	1085306.16	559.62	304+78.00	12.25' LT
P769	1765115.84	1085093.02	558.66	302+66.27	61.51' LT
P770	1765107.23	1085090.51	558.47	302+63.52	52.97' LT
P771	1765096.81	1085089.26	558.99	302+61.97	42.60' LT
P772	1765086.59	1085091.45	559.52	302+63.88	32.32' LT
P773	1765080.96	1085041.68	561.17	302+13.98	28.07' LT
P774	1765081.19	1085029.69	561.74	302+02.00	28.64' LT
P775	1765083.38	1085018.11	562.31	301+90.48	31.15' LT
P776	1765085.64	1085006.11	563.03	301+70.55	33.75' LT
P777	1765085.22	1085046.53	561.07	302+18.94	32.20' LT
P778	1765082.10	1085094.37	559.92	302+66.68	27.75' LT





POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P600	1765016.22	1084949.50	664.82	104+43.92	100.09' RT
P601	1765014.58	1084761.41	667.49	105+14.10	74.43' LT
P602	1765014.47	1084756.41	667.49	105+15.90	79.09' LT
P603	1765018.73	1084721.31	668.82	105+33.22	109.92' LT
P604	1765013.23	1084721.42	668.90	105+28.09	111.91' LT
P605	1765013.11	1084715.43	669.02	105+30.26	117.50' LT
P606	1765013.73	1084721.41	668.89	105+28.56	111.72' LT
P607	1765024.74	1084745.20	666.80	105+29.67	85.54' LT
P608	1765024.61	1084739.12	666.89	105+31.87	91.21' LT
P609	1765019.63	1084740.06	666.91	105+26.90	92.24' LT
P610	1765014.77	1084771.39	668.02	105+10.47	65.13' LT
P611	1765019.74	1084745.31	666.88	105+25.01	87.35' LT
P612	1764956.49	1084835.73	667.30	104+32.07	27.86' LT
P613	1765006.91	1084796.73	668.15	104+93.55	44.69' LT
P614	1765003.28	1084793.29	668.23	104+91.50	49.26' LT
P615	1765002.47	1084801.12	668.21	104+87.76	42.33' LT
P616	1764999.08	1084797.44	668.28	104+86.03	47.03' LT
P617	1765014.45	1084787.67	668.00	105+03.96	50.20' LT
P618	1765010.41	1084784.73	668.07	105+01.35	54.46' LT
P619	1765018.76	1084780.10	667.90	105+10.84	55.56' LT
P621	1765017.19	1084783.30	667.94	105+08.17	53.20' LT
P622	1765012.80	1084780.91	668.01	105+05.02	57.08' LT
P623	1765014.42	1084777.54	667.97	105+07.80	59.58' LT
P625	1764954.38	1084831.16	667.36	104+31.86	32.89' LT
P626	1764972.15	1084825.50	667.88	104+50.44	31.35' LT
P627	1764974.30	1084823.98	667.88	104+53.00	31.93' LT
P629	1765018.61	1084715.31	668.93	105+35.39	115.51' LT
P630	1765019.47	1084756.30	667.42	105+20.57	77.29' LT
P631	1765019.79	1084771.29	667.95	105+15.14	63.31' LT
P632	1765019.57	1084761.30	667.42	105+18.76	72.62' LT
P633	1765024.97	1084756.18	667.33	105+25.69	75.30' LT
P634	1765025.07	1084761.18	667.33	105+23.89	70.63' LT
P635	1765019.91	1084777.16	667.92	105+13.02	57.83' LT
P636	1764961.62	1084832.53	667.24	104+38.03	28.86' LT
P638	1764944.84	1084842.45	668.17	104+18.73	26.09' LT
P639	1764959.51	1084827.95	667.31	104+37.82	33.90' LT
P640	1764931.30	1084849.40	668.37	104+03.57	24.83' LT
P641	1764925.21	1084852.32	668.45	103+96.83	24.44' LT
P642	1764971.83	1084922.25	667.38	104+13.26	57.98' RT
P643	1764977.82	1084922.08	667.42	104+18.87	60.10' RT
P644	1764991.19	1084921.70	666.53	104+31.37	64.84' RT
P645	1764999.34	1084924.66	666.25	104+37.78	70.69' RT
P646	1764997.01	1084921.53	666.36	104+36.82	66.91' RT
P647	1765006.88	1084934.80	665.41	104+40.88	82.93' RT

POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P648	1765013.47	1084943.67	664.92	104+43.60	93.65' RT
P649	1765023.22	1084979.49	665.26	104+38.96	130.49' RT
P650	1765018.23	1084980.02	665.34	104+34.15	129.07' RT
P651	1765010.36	1084952.37	664.92	104+37.40	100.50' RT
P652	1765013.51	1084958.83	665.02	104+37.86	107.68' RT
P653	1765007.53	1084946.57	665.02	104+37.00	94.06' RT
P654	1765006.33	1084944.12	665.15	104+36.83	91.34' RT
P655	1765004.95	1084942.26	665.26	104+36.26	89.10' RT
P656	1765002.06	1084938.38	665.50	104+35.07	84.41' RT
P657	1764994.52	1084928.24	666.34	104+31.96	72.17' RT
P658	1764993.33	1084926.64	666.47	104+31.47	70.23' RT
P659	1764991.33	1084926.69	666.61	104+29.60	69.52' RT
P660	1764977.94	1084927.08	667.50	104+17.07	64.77' RT
P662	1764971.97	1084927.25	667.46	104+11.49	62.65' RT
P664	1764929.13	1084844.89	668.44	104+03.28	29.82' LT
P665	1764942.44	1084838.06	668.25	104+18.19	31.06' LT
P667	1764969.28	1084821.41	667.95	104+49.35	36.23' LT
P668	1764971.39	1084819.91	667.96	104+51.87	36.80' LT
P670	1765014.29	1084771.40	668.03	105+10.02	65.30' LT
P671	1765012.55	1084956.86	664.99	104+37.72	105.49' RT
P672	1765017.82	1084955.50	664.93	104+43.11	106.25' RT
P673	1765019.02	1084960.29	665.00	104+42.39	111.13' RT
P674	1765014.17	1084961.47	665.06	104+37.46	110.38' RT
P675	1765009.76	1084938.68	665.20	104+42.07	87.63' RT
P676	1765019.97	1084756.29	667.41	105+21.03	77.10' LT
P677	1764984.59	1084911.33	666.57	104+29.22	52.74' RT
P678	1765006.58	1084925.73	665.63	104+44.07	74.44' RT
P679	1765013.52	1084938.56	665.31	104+45.60	88.95' RT
P680	1764965.94	1084910.52	666.79	104+12.30	44.89' RT
P681	1764999.86	1084917.77	666.01	104+40.89	64.52' RT
P682	1764977.54	1084909.51	667.17	104+23.40	48.37' RT
P683	1764971.54	1084909.65	667.22	104+17.80	46.21' RT

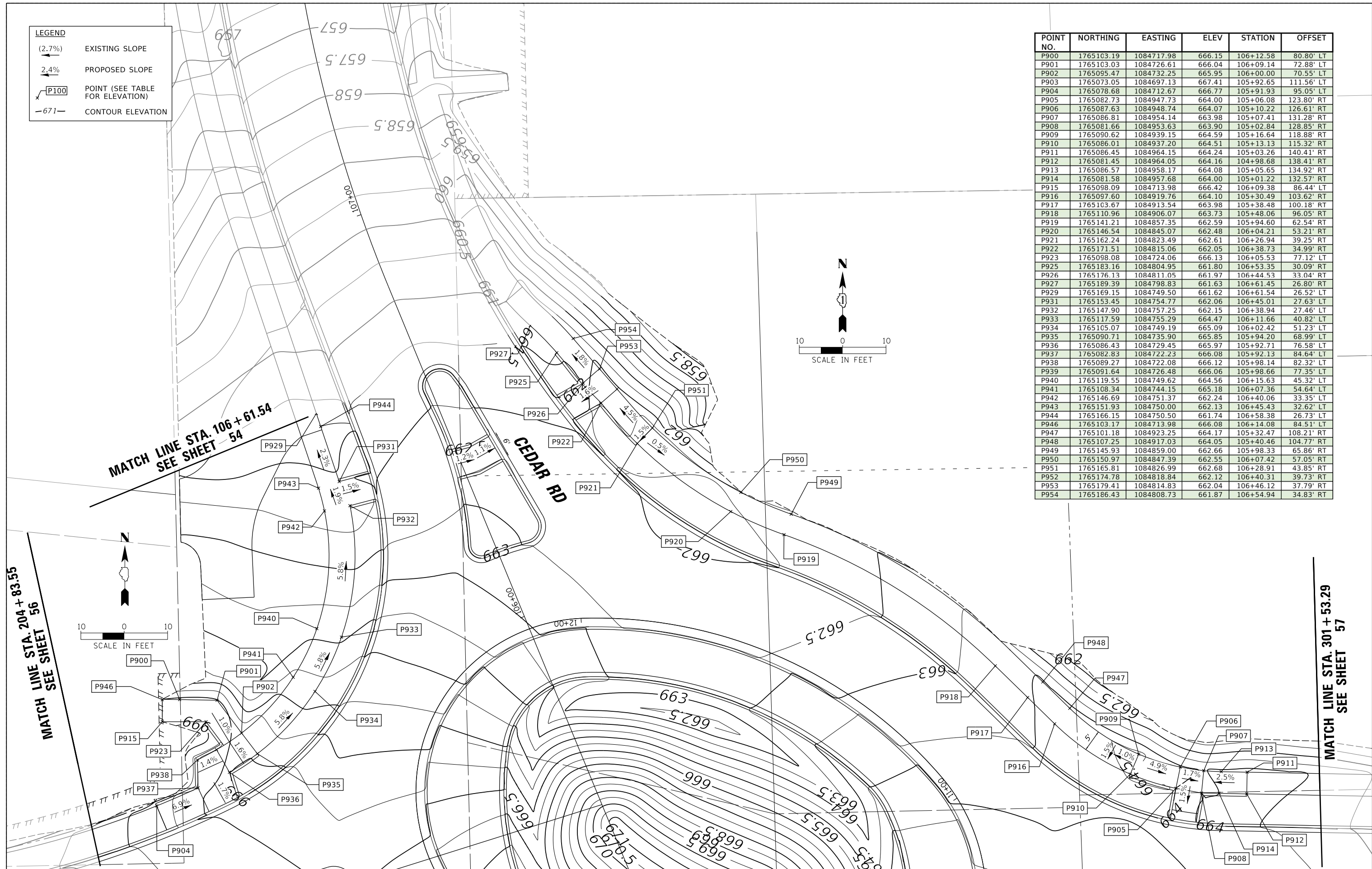


LEGEND

- EXISTING SLOPE
- PROPOSED SLOPE
- POINT (SEE TABLE FOR ELEVATION)
- CONTOUR ELEVATION

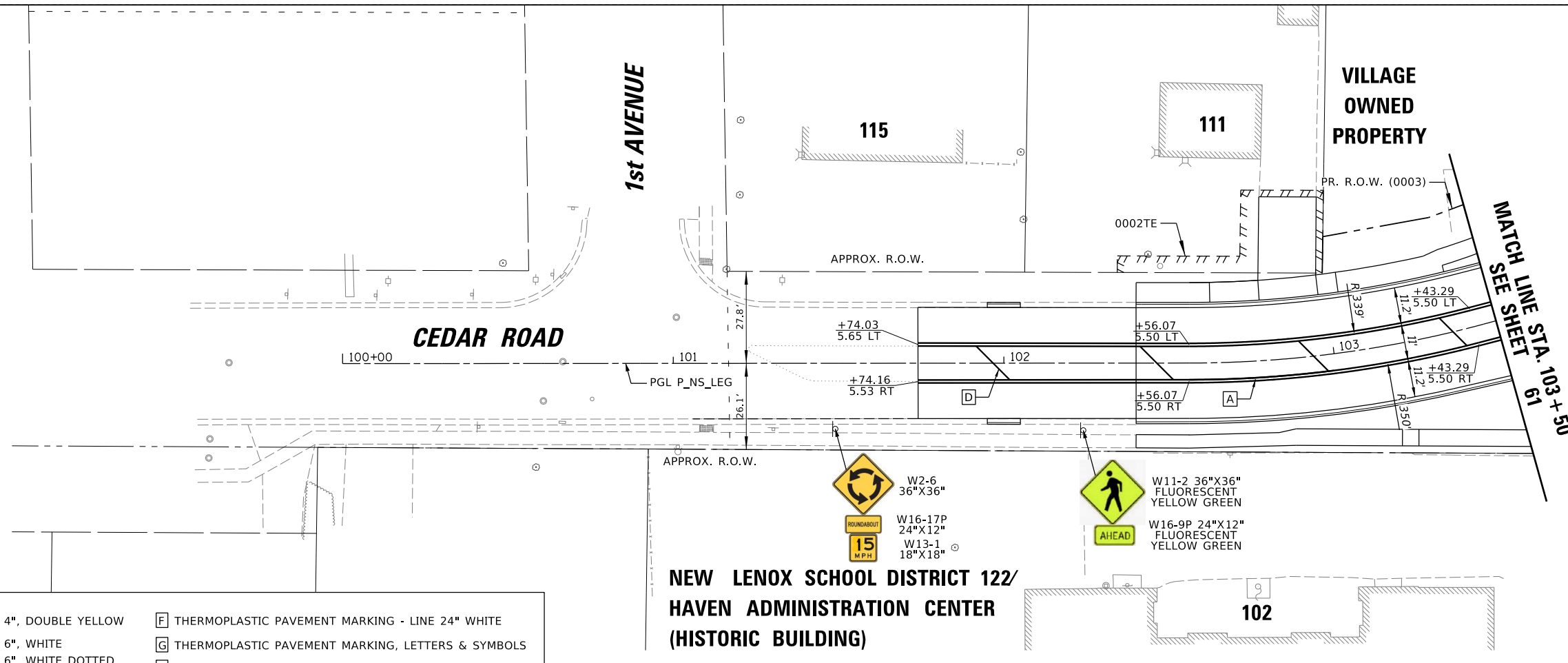
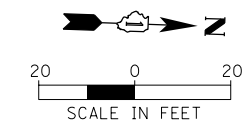
LEGEND	
(2.7%)	EXISTING SLOPE
2.4%	PROPOSED SLOPE
P100	POINT (SEE TABLE FOR ELEVATION)
-671-	CONTOUR ELEVATION

POINT NO.	NORTHING	EASTING	ELEV	STATION	OFFSET
P900	1765103.19	1084717.98	666.15	106+12.58	80.80' LT
P901	1765103.03	1084726.61	666.04	106+09.14	72.88' LT
P902	1765095.47	1084732.25	665.95	106+00.00	70.55' LT
P903	1765073.05	1084697.13	667.41	105+92.65	111.56' LT
P904	1765078.68	1084712.67	666.77	105+91.93	95.05' LT
P905	1765082.73	1084947.73	664.00	105+06.08	123.80' RT
P906	1765087.63	1084948.74	664.07	105+10.22	126.61' RT
P907	1765086.81	1084954.14	663.98	105+07.41	131.29' RT
P908	1765081.66	1084953.63	663.90	105+02.84	128.85' RT
P909	1765090.62	1084939.15	664.59	105+16.64	118.88' RT
P910	1765086.01	1084937.20	664.51	105+13.13	115.32' RT
P911	1765086.45	1084964.15	664.24	105+03.26	140.41' RT
P912	1765081.45	1084964.05	664.16	104+98.68	138.41' RT
P913	1765086.57	1084958.17	664.08	105+05.65	134.92' RT
P914	1765081.58	1084957.68	664.00	105+01.22	132.57' RT
P915	1765098.09	1084713.98	666.42	106+09.38	86.44' LT
P916	1765097.60	1084919.76	664.10	105+30.49	103.62' RT
P917	1765103.67	1084913.54	663.98	105+38.48	100.18' RT
P918	1765110.96	1084906.07	663.73	105+48.06	96.05' RT
P919	1765141.21	1084857.35	662.59	105+94.60	62.54' RT
P920	1765146.54	1084845.07	662.48	106+04.21	53.21' RT
P921	1765162.24	1084823.49	662.61	106+26.94	39.25' RT
P922	1765171.51	1084815.06	662.05	106+38.73	34.99' RT
P923	1765098.08	1084724.06	666.13	106+05.53	77.12' LT
P925	1765183.16	1084804.95	661.80	106+53.35	30.09' RT
P926	1765176.13	1084811.05	661.97	106+44.53	33.04' RT
P927	1765189.39	1084798.83	661.63	106+61.45	26.80' RT
P929	1765169.15	1084749.50	661.62	106+61.54	26.52' LT
P931	1765153.45	1084754.77	662.06	106+45.01	27.63' LT
P932	1765147.90	1084757.25	662.15	106+38.94	27.46' LT
P933	1765117.59	1084755.29	664.47	106+11.66	40.82' LT
P934	1765105.07	1084749.19	665.09	106+02.42	51.23' LT
P935	1765090.71	1084735.90	665.85	105+94.20	68.99' LT
P936	1765086.43	1084729.45	665.97	105+92.71	76.58' LT
P937	1765082.83	1084722.23	666.08	105+92.13	84.64' LT
P938	1765089.27	1084722.08	666.12	105+98.14	82.32' LT
P939	1765091.64	1084726.48	666.06	105+98.66	77.35' LT
P940	1765119.55	1084749.62	664.56	106+15.63	45.32' LT
P941	1765108.34	1084744.15	665.18	106+07.36	54.64' LT
P942	1765146.69	1084751.37	662.24	106+40.06	33.35' LT
P943	1765151.93	1084750.00	662.13	106+45.43	32.62' LT
P944	1765166.15	1084750.50	661.74	106+58.38	26.73' LT
P946	1765103.17	1084713.98	666.08	106+14.08	84.51' LT
P947	1765101.18	1084923.25	664.17	105+32.47	108.21' RT
P948	1765107.25	1084917.03	664.05	105+40.46	104.77' RT
P949	1765145.93	1084859.00	662.66	105+98.33	65.86' RT
P950	1765150.97	1084847.39	662.55	106+07.42	57.05' RT
P951	1765165.81	1084826.99	662.68	106+28.91	43.85' RT
P952	1765174.78	1084818.84	662.12	106+40.31	39.73' RT
P953	1765179.41	1084814.83	662.04	106+46.12	37.79' RT
P954	1765186.43	1084808.73	661.87	106+54.94	34.83' RT



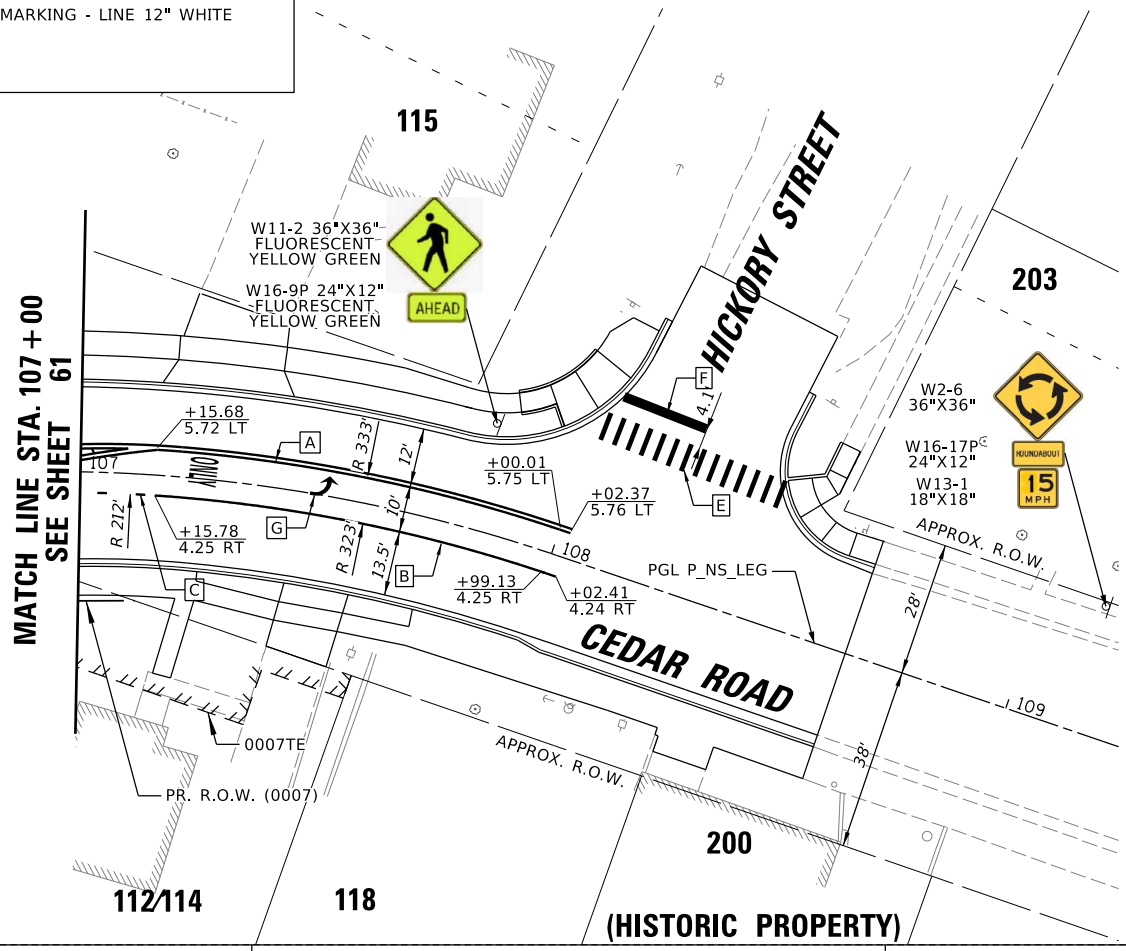
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 4023 W. 109th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE GRADING PLAN SIDEWALK GRADING PLAN		F.A.U. RTE. 0369	SECTION 19-00043-00-CH	COUNTY WILL	TOTAL SHEETS 101	SHEET NO. 59		
	PLOT SCALE = 10'	CHECKED - AJS	REVISED -		SCALE: 10'	SHEET 7	OF 7 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 2/14/2024	DATE -	REVISED -										
	CONTRACT NO. 61J08												

N:\NewLenox\190110 - PH2\Civil\GRA_07_190110_SIDEWALK_N.02.dgn



PAVEMENT MARKING LEGEND

A THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE YELLOW	F THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE
B THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE	G THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS
C THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SKIP, UNLESS OTHERWISE NOTED)	H THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE
D THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW 50' C-C (MIN. 5)	I THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE (3' LINE 3' SKIP)
E THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE (3' C-C)	



CHRISTOPHER B. BURKE ENGINEERING, LTD.
 10221 W. 109th Street, Suite 201
 Lockport, Illinois 60441
 (815) 770-2850

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
DRAWN - PWN/JRS	REVISED -	
PLOT SCALE = 28'	CHECKED - AJS	REVISED -
PLOT DATE = 2/14/2024	DATE -	REVISED -

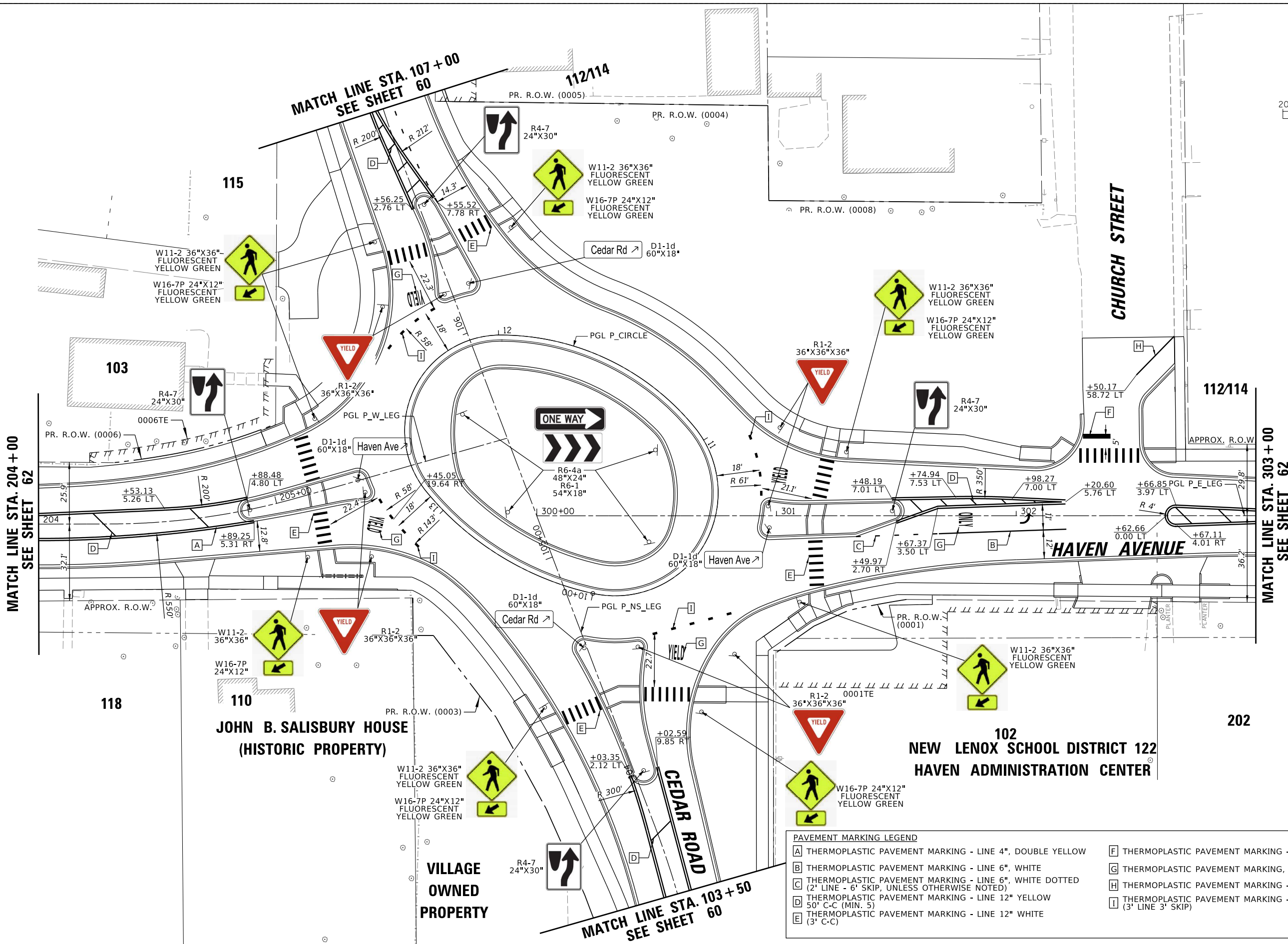
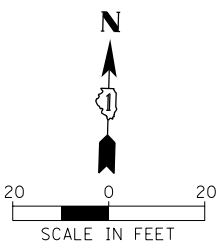
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CEDAR ROAD AT HAVEN AVENUE
 PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: 20' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	19-00043-00-CH	WILL	101	60
			CONTRACT NO. 61J08	
ILLINOIS FED. AID PROJECT				

N:\NewLenox\190110 - PH2\Civil\PMK_01_190110_CEDAR.sht



PAVEMENT MARKING LEGEND

A THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE YELLOW	F THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE
B THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE	G THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS
C THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SKIP, UNLESS OTHERWISE NOTED)	H THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE
D THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW (50' C-C (MIN. 5))	I THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE (3' LINE 3' SKIP)
E THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE (3' C-C)	

MATCH LINE STA. 204 + 00
SEE SHEET 62

MATCH LINE STA. 303 + 00
SEE SHEET 62

MATCH LINE STA. 107 + 00
SEE SHEET 60

MATCH LINE STA. 103 + 50
SEE SHEET 60

CHRISTOPHER B. BURKE ENGINEERING, LTD.
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(815) 770-2850

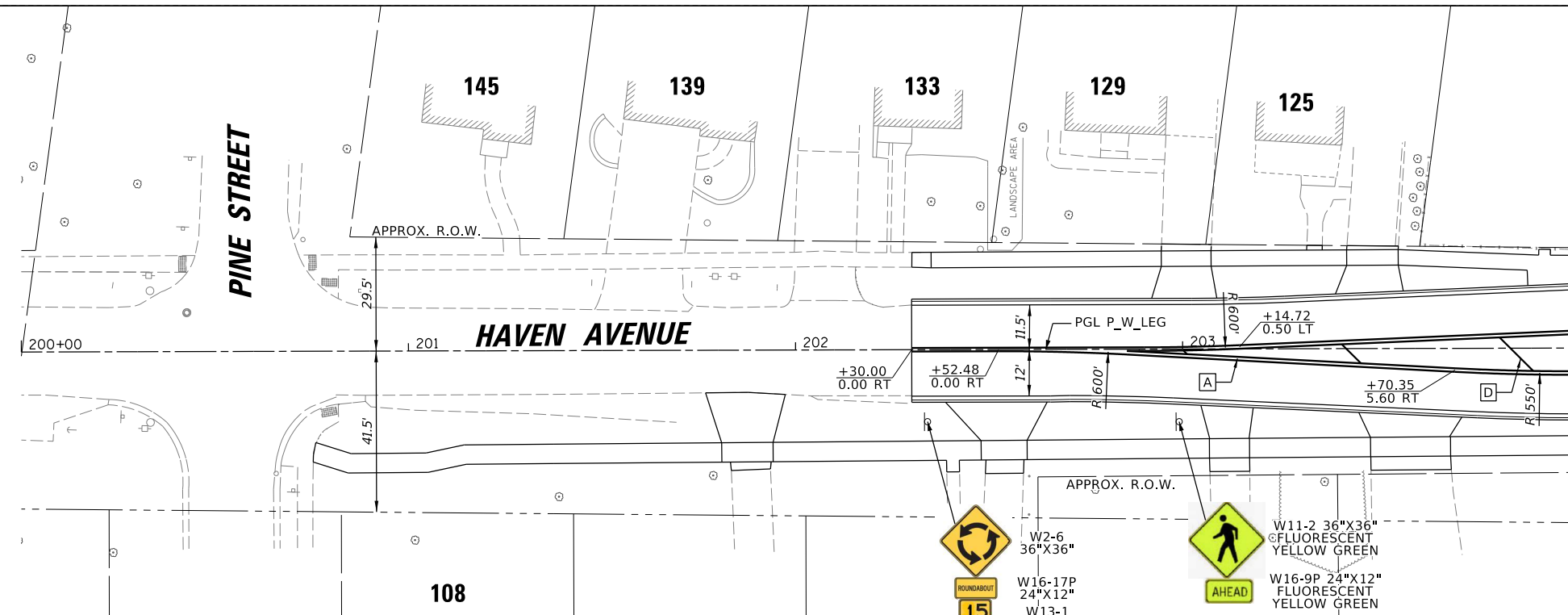
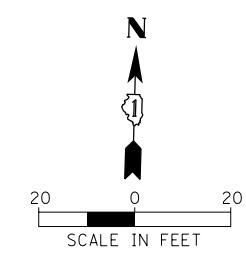
USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
PLOT SCALE = 28'	DRAWN - PWN/JRS	REVISED -
PLOT DATE = 2/14/2024	CHECKED - AJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CEDAR ROAD AT HAVEN AVENUE
PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: 20' SHEET 2 OF 3 SHEETS STA. TO STA.

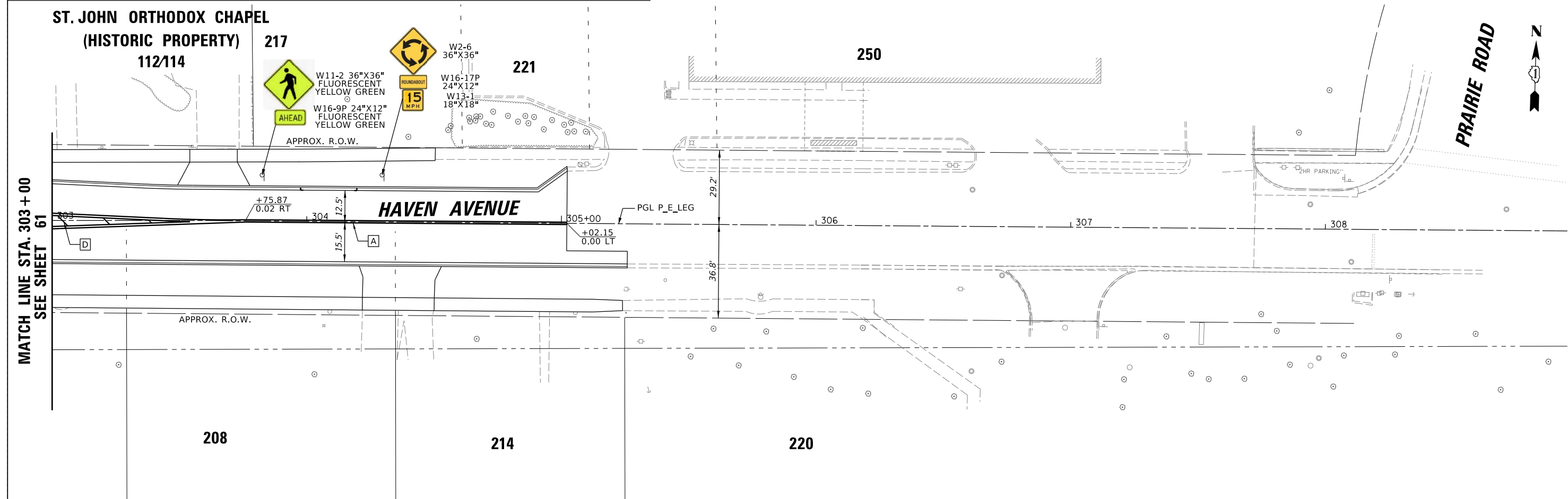
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	61
				CONTRACT NO. 61J08
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 204+00
SEE SHEET 61

PAVEMENT MARKING LEGEND

A	THERMOPLASTIC PAVEMENT MARKING - LINE 4", DOUBLE YELLOW	F	THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE
B	THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE	G	THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS
C	THERMOPLASTIC PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6" SKIP, UNLESS OTHERWISE NOTED)	H	THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE
D	THERMOPLASTIC PAVEMENT MARKING - LINE 12" YELLOW 50' C-C (MIN. 5)	I	THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE (3' LINE 3' SKIP)
E	THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE (3' C-C)		



MATCH LINE STA. 303+00
SEE SHEET 61

<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 10221 W. 109th Street, Suite 201 Oakport, MN 55441 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE PAVEMENT MARKING AND SIGNAGE PLAN	F.A.U. RTE. = 0315	SECTION = 19-00043-00-CH	COUNTY = WILL	TOTAL SHEETS = 101	SHEET NO. = 62	
	PLOT SCALE = 28'	CHECKED - AJS	REVISED -			SCALE: 20'	SHEET 3 OF 3 SHEETS	STA. TO STA.	CONTRACT NO. 61J08		ILLINOIS FED. AID PROJECT
	PLOT DATE = 2/14/2024	DATE -	REVISED -								

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LIGHTING GENERAL NOTES

1. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY EQUIPMENT. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE AT (800) 892-0123.
2. BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD AND UNDERGROUND ELECTRIC UTILITIES SHALL CALL COM ED FOR LOCATION APPROVAL AND MINIMUM CLEARANCE REQUIREMENTS.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/ DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
4. ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
 - A. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AS PREPARED BY IDOT (ADOPTED 1/1/2022).
 - B. "THE 2020 NATIONAL ELECTRICAL CODE".
 - C. MUNICIPAL CODES & STANDARDS.
5. NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE ENGINEER.
6. ALL UNDERGROUND CONDUITS SHALL BE INSTALLED BY DIRECTIONAL BORING METHOD. SOME LOCATIONS MAY REQUIRE TRENCHING AND/OR HAND DIGGING. CONTRACTOR SHALL PROVIDE PRIOR NOTICE TO ENGINEER BEFORE TRENCHING.
7. ALL UNDERGROUND WIRING SHALL BE XLP TYPE-USE, EXTRA ABRASION RESISTANCE, 600 VOLTS, BURIED A MINIMUM 30 INCHES BELOW FINISHED GRADE, FOLLOWING THE ROADWAY OR SIDEWALK EDGE.
8. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, (IF APPLICABLE) AND HAVE BEEN REVIEWED BY THE ENGINEER.
9. TO MAINTAIN THE STRUCTURAL INTEGRITY OF LIGHT POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES.
10. ALL POLE HANDHOLES SHALL FACE AWAY FROM TRAFFIC.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE TOP OF FOUNDATION ELEVATION WITH THE FINISHED GRADE.
12. THE CONTRACTOR SHALL STAKE ALL POLE LOCATIONS PRIOR TO REQUESTING A JULIE UTILITY LOCATE. ONCE ALL LOCATIONS ARE STAKED CONTRACTOR SHALL SET UP A MEETING WITH THE VILLAGE AND ENGINEER FOR POLE LOCATION APPROVAL.
13. THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO SETS OF FULL SIZE RECORD DRAWINGS TO THE ENGINEER UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATIONS OF ALL LIGHT POLES, UNDERGROUND CONDUITS/WIRING, HANDHOLES, JUNCTION BOXES & CONTROLLER CABINETS. THE DRAWINGS WILL BE REVIEWED BY THE ENGINEER.
14. UPON COMPLETION OF THE PROPOSED LIGHTING IMPROVEMENTS, THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLATION COMPLIES WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY NOTIFICATION AND ALL COORDINATION WITH COM ED FOR NEW ELECTRIC SERVICE TO THE PROPOSED LIGHTING CONTROLLER.
16. THE CONTRACTOR SHALL LABEL ALL WIRES WITH WIRE MARKERS INDICATING THE CIRCUIT ID IN EVERY CONTROLLER. POLE BASE, HAND HOLE AND SPLICE/CONNECTION POINT. WIRE MARKERS SHALL BE WHITE NYLON WITH INTERGRAL MECHANICAL FASTENER WITH MINIMUM 3/4" X 1" WRITABLE AREA.
17. THE LIGHT POLE LOCATIONS SHALL COMPLY WITH THE MINIMUM CLEAR WIDTH FOR AN ACCESSIBLE ROUTE FOR SIDEWALKS PER THE 2010 AMERICAN WITH DISABILITIES ACT (ADA) REQUIREMENTS.
18. THE CONTRACTOR SHALL USE A STANDARD FOUNDATION WHENEVER POSSIBLE. WHEN UTILITY CONFLICT PROHIBITS USE OF STANDARD FOUNDATION THE CONTRACTOR MAY USE AN OFFSET FOUNDATION AT THE DIRECTION OF THE ENGINEER.

ABBREVIATIONS

A	AMPS	HH	HAND HOLE
BOC	BACK OF CURB	HPS	HIGH PRESSURE SODIUM
CKT	CIRCUIT	PVC	POLYVINYL CHLORIDE
DIA	DIAMETER	RGS	RIGID GALVANIZED STEEL
FT	FOOT	ROW	RIGHT OF WAY
FOC	FACE OF CURB	STA	STATION
GND	GROUND	V	VOLTS
HD	HEAVY DUTY	W	WATTS
HDPE	HIGH DENSITY POLYETHYLENE		

LIGHTING BILL OF MATERIALS

DESCRIPTION	UNIT	QUANTITY
TRENCH BACKFILL	CU YD	8
ELECTRIC SERVICE INSTALLATION	EACH	1
• ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	420
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	40
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	1610
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	280
• HANDHOLE, COMPOSITE CONCRETE	EACH	5
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	8060
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	560
LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	1
LIGHT POLE, ALUMINUM, 30 FT. M.H., 8 FT. MAST ARM	EACH	12
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	80
BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	12
• LUMINAIRE, LED, SPECIAL	EACH	12
• HANDHOLE, COMPOSITE CONCRETE (SPECIAL)	EACH	2
• LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	56
• SEE SPECIAL PROVISION		

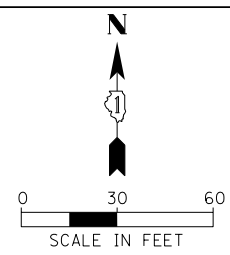
CAUTION NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND/OR ELEVATION OF EXISTING AND PROPOSED UTILITIES AS SHOWN ON THESE PLANS. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ENGINEER OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS.

THE VILLAGE OF NEW LENOX WILL OWN AND MAINTAIN THE PROPOSED ROADWAY LIGHTING SYSTEM.

USER NAME = jspeelman	DESIGNED - AJD/BBB	REVISED -
	DRAWN - HD /JRS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - AJD	REVISED -
PLOT DATE = 2/14/2024	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	63
CONTRACT NO.			61J08	
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 108 + 60

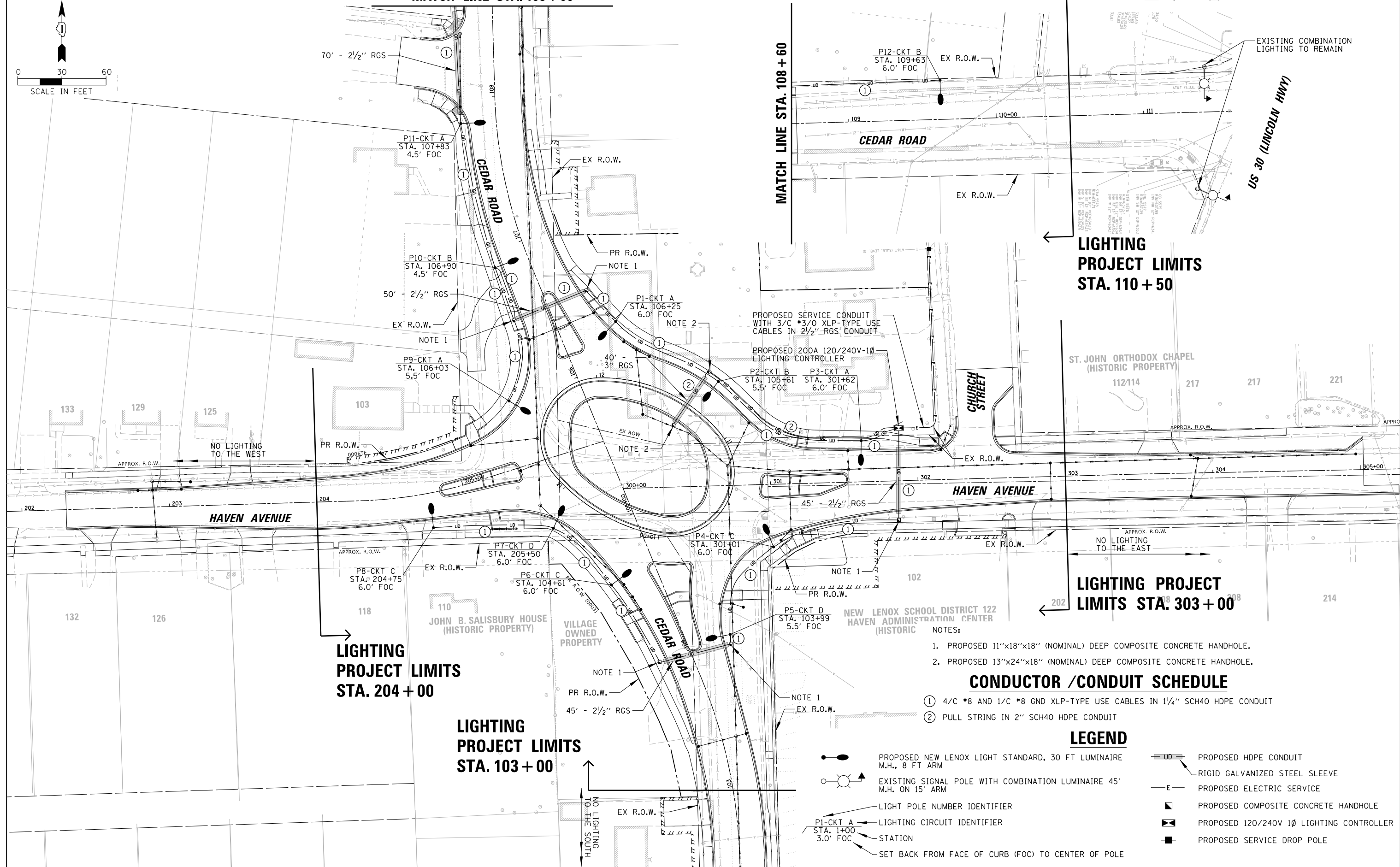
MATCH LINE STA. 108 + 60

LIGHTING PROJECT LIMITS STA. 110 + 50

LIGHTING PROJECT LIMITS STA. 303 + 00

LIGHTING PROJECT LIMITS STA. 204 + 00

LIGHTING PROJECT LIMITS STA. 103 + 00



- NOTES:
1. PROPOSED 11"x18"x18" (NOMINAL) DEEP COMPOSITE CONCRETE HANDHOLE.
 2. PROPOSED 13"x24"x18" (NOMINAL) DEEP COMPOSITE CONCRETE HANDHOLE.

CONDUCTOR / CONDUIT SCHEDULE

- ① 4/C #8 AND 1/C #8 GND XLP-TYPE USE CABLES IN 1 1/4" SCH40 HDPE CONDUIT
- ② PULL STRING IN 2" SCH40 HDPE CONDUIT

LEGEND

- PROPOSED NEW LENOX LIGHT STANDARD, 30 FT LUMINAIRE M.H., 8 FT ARM
- EXISTING SIGNAL POLE WITH COMBINATION LUMINAIRE 45' M.H. ON 15' ARM
- LIGHT POLE NUMBER IDENTIFIER
- LIGHTING CIRCUIT IDENTIFIER
- STATION
- SET BACK FROM FACE OF CURB (FOC) TO CENTER OF POLE
- PROPOSED HDPE CONDUIT
- RIGID GALVANIZED STEEL SLEEVE
- PROPOSED ELECTRIC SERVICE
- PROPOSED COMPOSITE CONCRETE HANDHOLE
- PROPOSED 120/240V 1Ø LIGHTING CONTROLLER
- PROPOSED SERVICE DROP POLE

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 1623 W. 109th Street, Suite 201
 Lockport, Illinois 60441
 (815) 770-2850

USER NAME = jspeelman	DESIGNED - AJD/BBB	REVISED -
	DRAWN - HD /JRS	REVISED -
PLOT SCALE = 3/8"	CHECKED - AJD	REVISED -
PLOT DATE = 2/14/2024	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CEDAR ROAD AT HAVEN AVENUE
 PROPOSED LIGHTING PLAN

SCALE: 30' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	64
				CONTRACT NO. 61J08
ILLINOIS FED. AID PROJECT				

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ITEM	SPECIFICATION
① MAIN CIRCUIT BREAKER	200 AMPERE, 2P, 240V SERVICE RATING, 10KAIC
② LAMPHOLDER CIRCUIT BREAKER	20 AMPERE, 1P, 120V RATING, 10KAIC
③ PHOTOELECTRIC CONTROL CIRCUIT BREAKER	15 AMPERE, 1P, 120V RATING, 10KAIC
④ AUXILIARY RELAY	120 V OPERATED DPDT 60 HZ COIL 2 NO & 2 NC CONTACTS
⑤ CABINET RECEPTACLE AND BOX	COMMERCIAL GRADE GFCI 20A/120V, MOUNTED IN A WEATHERPROOF CAST ALUMINUM SINGLE GANG BOX WITH WEATHERPROOF COVER
⑥ CABINET LIGHT	5 WATT LED STRIP LIGHT, 60K HOUR RATING, 65K COLOR TEMPERATURE, DOOR SWITCH CONTROLLED, FASTENED TO TOP OF CABINET
⑦ CONTACTOR	100 AMPERE, 2P, 120V COIL, MECHANICALLY HELD
⑧ BRANCH LINE CIRCUIT BREAKERS	(5) 20A, 2P, 240V RATING, 10KAIC
⑨ POWER DISTRIBUTION BLOCK	600 VOLT, INSULATED, SIZE AS REQ'D, 10KAIC
⑩ SERVICE CABLES	3-600V (XLP-TYPE USE) NO. #3/0
⑪ LAMPHOLDER WIRE	2-600V XLP NO. 12
⑫ CONTROL WIRE	2-600V XLP NO. 12
⑬ SURGE ARRESTOR	10 K AMPERE RATING
⑭ PHOTOELECTRIC CONTROL WIRE	3-600V XLP NO. 12
⑮ DOOR SWITCH	20A/120V, DOOR MOUNTED SNAP ACTION TYPE PLUNGER SWITCH
⑯ HAND-AUTO-OFF CONTROL SWITCH	20A, 3 POS. MTD IN CAST ALUM. ENCLOSURE
⑰ PHOTOCELL	120V, MTD. ON CABINET, DELAY TYPE, SPST-NC
⑱ TERMINAL BLOCK	3 TERMINAL, SCREW TYPE, MAX. #10 WIRE SIZE
⑲ CIRCUIT BREAKER DIST. BLOCKS	30A, 600V, 10 KAIC - WIRE RANGE: LINE SIDE LUG (1) #2-#14 AWG, LOAD SIDE LUGS (2) #4-#14 AWG
⑳ CIRCUIT BREAKER	100 AMPERE, 2P, 240V SERVICE RATING, 10KAIC

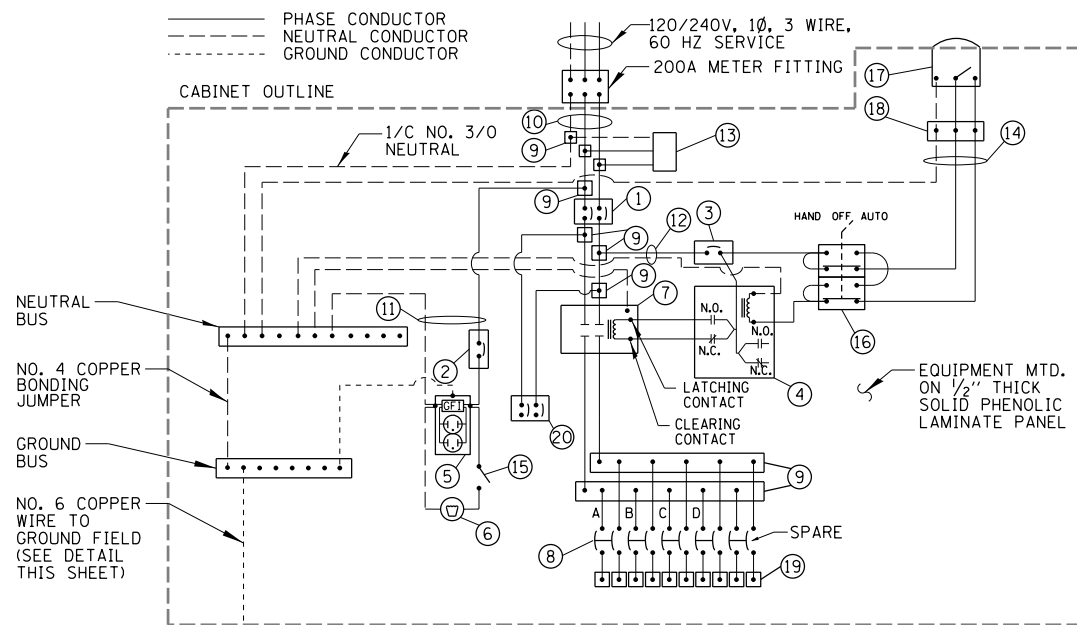
NOTES:

- ALL ITEMS LISTED IN LIGHTING CONTROLLER COMPONENT SCHEDULE SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR "LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 200 AMP" INCLUDING CABINET AND FOUNDATION.
- THE LIGHTING CONTROLLER TOGETHER WITH ALL OF ITS COMPONENTS SHALL BE UL LISTED AS AN "ENCLOSED INDUSTRIAL CONTROL PANEL" UNDER UL508A.
- CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT BREAKER SHALL NOT BE "DOUBLE LUGGED."
- THE MAIN CIRCUIT BREAKER AND LAMPHOLDER CIRCUIT BREAKER SHALL BE LABELED "SERVICE DISCONNECT".
- ALL SWITCHES AND CONTROLS SHALL BE IDENTIFIED USING TWO COLOR ENGRAVED NAMEPLATES.
- THE PANEL MANUFACTURER SHALL LABEL THE CABINET WITH THE APPROPRIATE ARC FLASH WARNING AND PERSONNEL PROTECTION EQUIPMENT REQUIRED FOR SERVICING.
- ALL EXPOSED BUS BARS SHALL BE INSULATED.
- ALL WIRING SHALL BE COPPER.

PROPOSED LIGHTING CONTROLLER COMPONENT SCHEDULE

LIGHTING CONTROLLER				
CIRCUIT ID	110W LED LUMINAIRE		TOTAL CIRCUIT LOAD	
	QTY.	LOAD/FIXT. (WATTS)	(WATTS)	AMPS (VOLTS)
A	4	110 W	440 W	1.8A (240V)
B	3	110 W	330 W	1.4A (240V)
C	3	110 W	330 W	1.4A (240V)
D	2	110 W	220 W	0.9A (240V)
TOTAL	12	N/A	1320 W	5.5A (240V)

PROPOSED LIGHTING/ELECTRICAL CIRCUIT LOADS

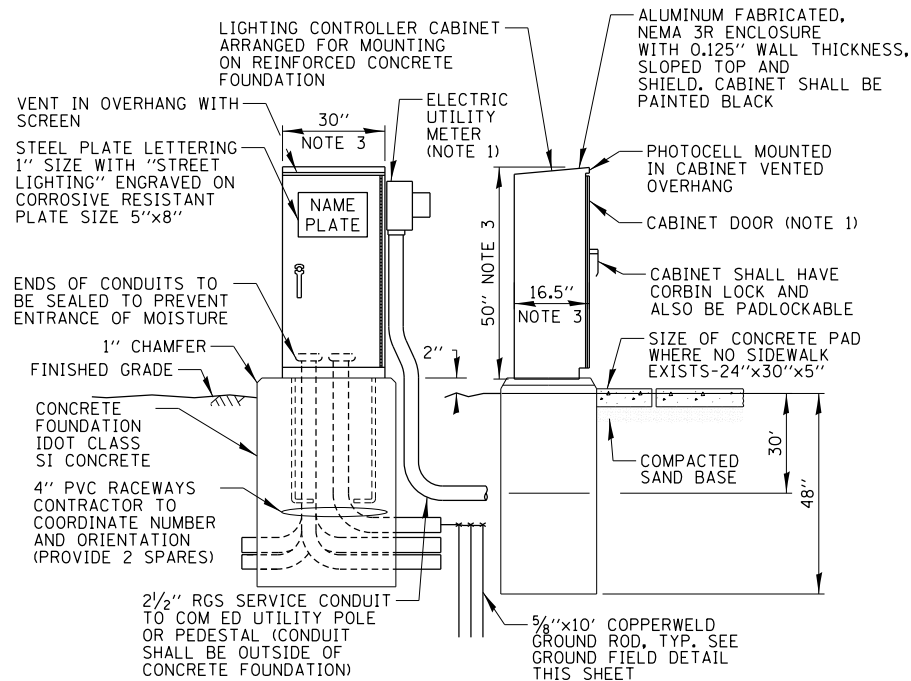


NOTES:

- ALL GROUND CONDUCTORS SHALL BE GREEN AND NEUTRAL CONDUCTORS SHALL BE WHITE. PHASE CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH SECTION 1066.02 OF THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL ONLY USE SOLID COLOR CODED INSULATIONS. COLOR STRIPPING OF PHASE CONDUCTORS SHALL NOT BE ALLOWED.
- IN ADDITION TO THE TERMINATIONS SHOWN, THE NEUTRAL AND GROUND BUS BARS SHALL EACH ACCOMMODATE A MINIMUM OF 8 ADDITIONAL TERMINATIONS (#2-#14).

PROPOSED LIGHTING CONTROLLER WIRING DETAIL

N.T.S.

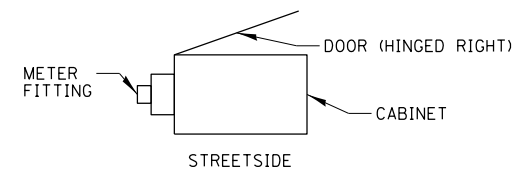


NOTES:

- SEE DETAIL THIS SHEET FOR CABINET METER FITTING & DOOR ORIENTATION. METER AND DISCONNECT SHALL BE CECHA APPROVED. METER FITTING AND SERVICE CONDUIT SHALL BE PAINTED BLACK.
- ALL ITEMS SHOWN ABOVE (INCLUDING FOUNDATION, ELECTRIC METER & GROUND FIELD) SHALL BE INCLUDED IN THE PRICE BID FOR "LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 200 AMP", EXCEPT FOR THE SERVICE CONDUIT/WIRE WHICH WILL BE PAID FOR SEPARATELY.
- CABINET DIMENSIONS SHOWN ARE APPROXIMATE, CABINET SHALL BE AS COMPACT AS POSSIBLE, CONTRACTOR TO COORDINATE.

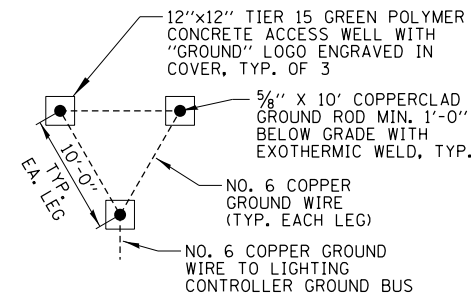
PROPOSED LIGHTING CONTROLLER CABINET AND FOUNDATION

N.T.S.



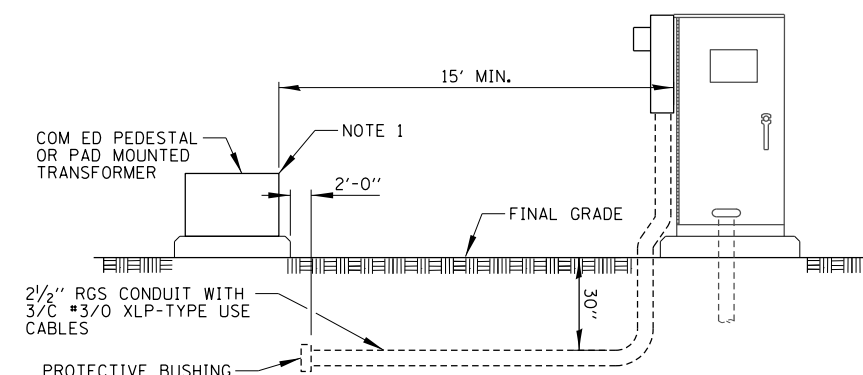
PROPOSED CABINET METER FITTING & DOOR ORIENTATION

N.T.S.



GROUND FIELD DETAIL (TYP.)

N.T.S.

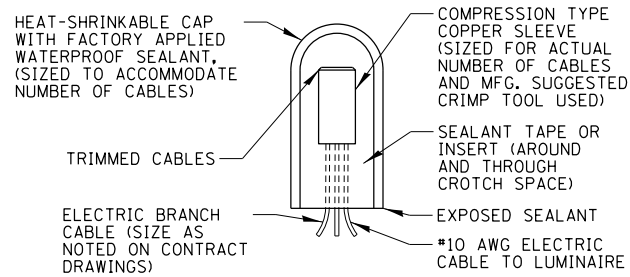


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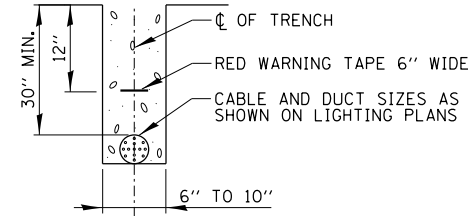
- INSTALL SERVICE CONDUIT UP TO 2' AWAY FROM PEDESTAL/TRANSFORMER WITH PROTECTIVE BUSHING ON END OF CONDUIT. PROVIDE ADEQUATE SLACK CABLE COILED UP FOR COM ED TO CONNECT. CONTRACTOR TO SCHEDULE & COORDINATE ALL WORK WITH COM ED.
- THE HORIZONTAL SERVICE CONDUIT & WIRE FROM THE PEDESTAL/TRANSFORMER TO THE CONTROLLER PAID FOR SEPARATELY.

ELECTRIC SERVICE UNDERGROUND CONNECTION TO PEDESTAL/TRANSFORMER

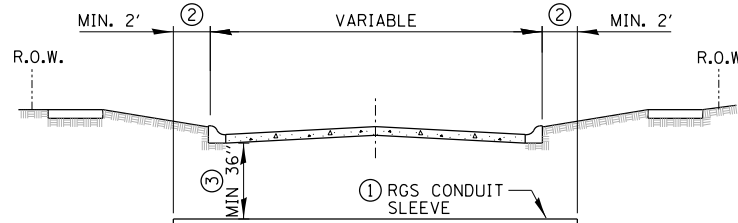
N.T.S.



SPLICING ELECTRIC CABLE
N.T.S.



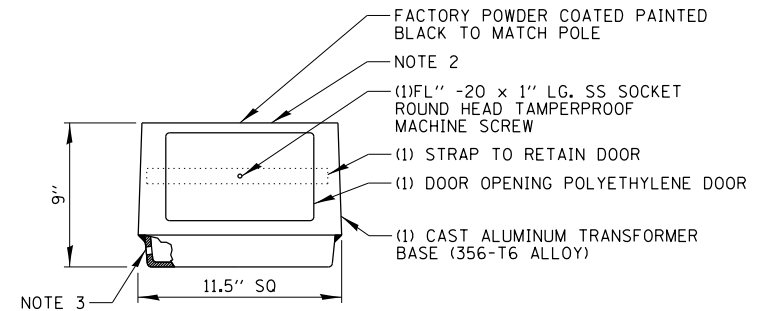
TRENCH CROSS SECTION



ROADWAY CROSSING

- ① SLEEVE SHALL BE HEAVY WALL RIGID GALVANIZED STEEL (RGS) CONDUIT.
- ② SLEEVE SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB.
- ③ SLEEVE SHALL BE A MINIMUM OF 36" BELOW ROADWAY OR CURB BOTTOM.

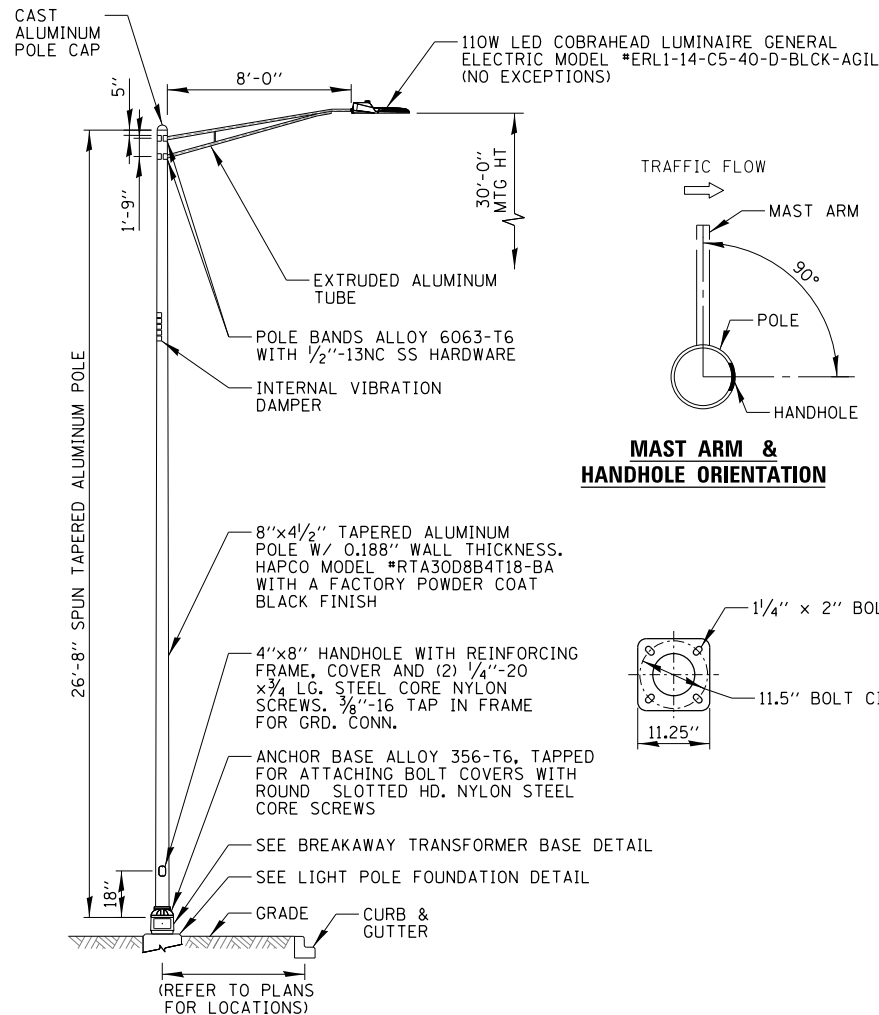
ELECTRIC CONDUIT INSTALLATION
N.T.S.



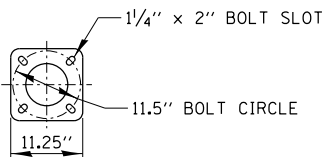
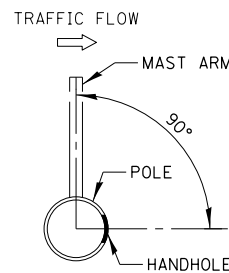
NOTES:

- 1. BEFORE INSTALLATION OF BREAKAWAY BASE, USER SHOULD CONSULT WITH AUTHORIZED DISTRIBUTOR REGARDING USERS PROPOSED APPLICATION, LOAD REQUIREMENTS AND INSTALLATION METHODS. FAILURES CAN RESULT FROM USERS MISAPPLICATION OR IMPROPER INSTALLATION. TO APPROACH OPTIMUM STATIC LOADS, USE THE LARGEST POSSIBLE BOLT CIRCLES. SHIMS SHALL NOT BE ALLOWED.
- 2. TOP BOLT CIRCLE SHALL BE 10.5" MIN. AND 12" MAX. BOTTOM BOLT CIRCLE SHALL BE 10" MIN. AND 12.75" MAX.
- 3. DRILLED AND TAPPED 1/2"-13 UNC HOLE FOR GROUND CONNECTOR.
- 4. PAID FOR UNDER "BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE".

BREAKAWAY TRANSFORMER BASE
N.T.S.



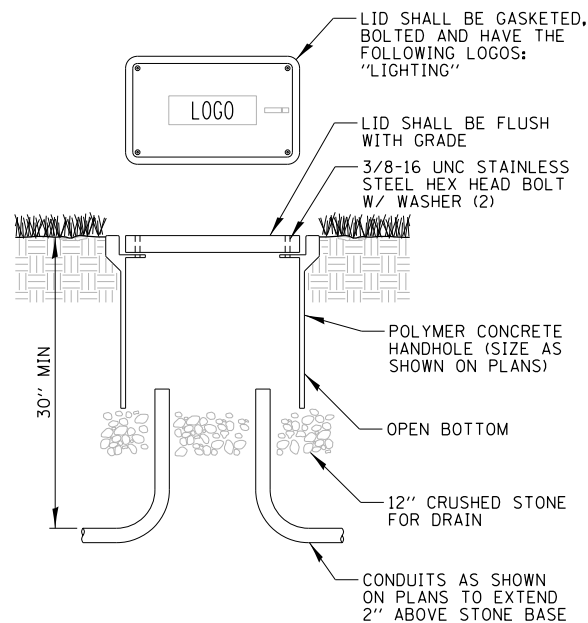
MAST ARM & HANDHOLE ORIENTATION



NOTES:

- 1. LIGHT POLES SHALL MEET WIND LOADING & VIBRATION REQUIREMENTS ACCORDING TO THE ARTICLE 1069.01 IN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 2. POLE HANDHOLE SHALL FACE AWAY FROM TRAFFIC.
- 3. LIGHT POLE AND ARM PAID FOR UNDER "LIGHT POLE, ALUMINUM, 30 FT. M.H., 8 FT. MAST ARM".
- 4. LUMINAIRE PAID FOR UNDER "LUMINAIRE, LED, SPECIAL".
- 5. BREAKAWAY TRANSFORMER BASE PAID FOR UNDER "BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE".

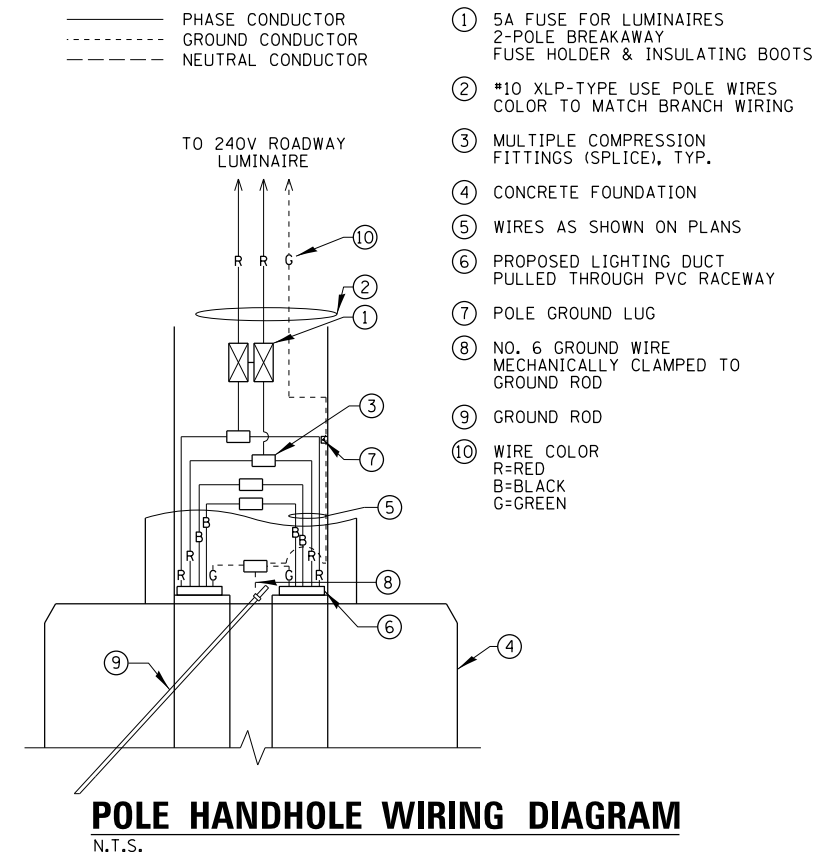
LIGHTING UNIT COMPLETE, SPECIAL
N.T.S.



NOTES:

- 1. NO SPLICING ALLOWED IN HANDHOLE.
- 2. POLYMER CONCRETE HANDHOLE AND LID SHALL BE GREY.
- 3. BOX & LID SHALL MEET/EXCEED ANSI TIER 15 LOADING REQUIREMENTS, AND BE TESTED IN ACCORDANCE WITH THE 2017 EDITION OF THE ANSI/SCTE 77 "SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY", AND THE PROVISIONS OF PARAGRAPHS 5.2.3 AND 5.2.4 OF WESTERN UNDERGROUND COMMITTEE GUIDE 3.6.

POLYMER CONCRETE HANDHOLE
N.T.S.



POLE HANDHOLE WIRING DIAGRAM
N.T.S.

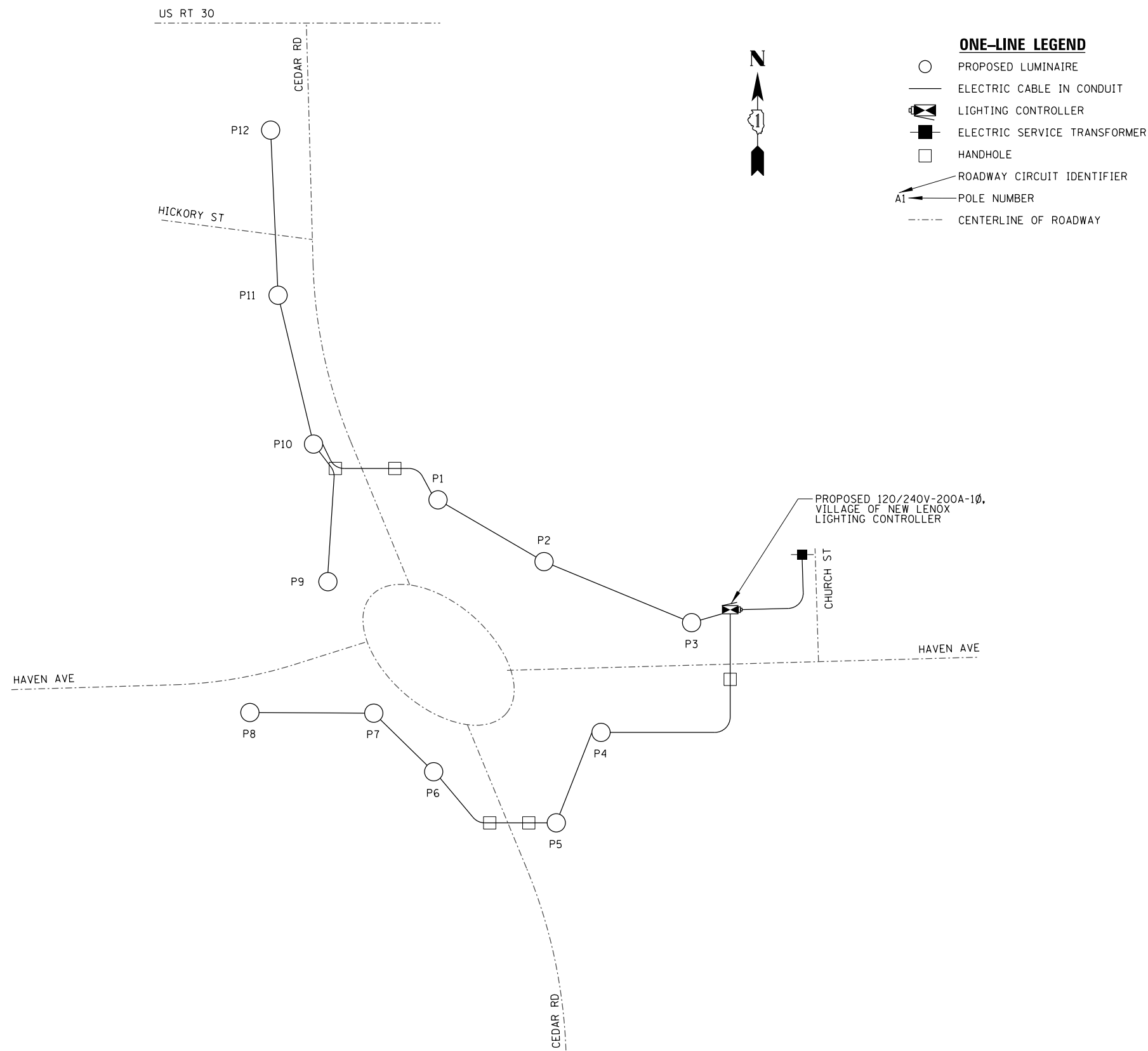
USER NAME = jspeelman	DESIGNED - AJD/BBB	REVISED -
PLOT SCALE = N.T.S.	DRAWN - HD /JRS	REVISED -
PLOT DATE = 2/14/2024	CHECKED - AJD	REVISED -
	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	66
			CONTRACT NO. 61J08	
ILLINOIS FED. AID PROJECT				

LIGHT POLE IDENTIFIER	LUMINAIRE CKT	LOCATION	
		STATION	OFFSET
P1	A	106+25	6.0' F.O.C.
P2	B	105+61	5.5' F.O.C.
P3	A	301+62	6.0' F.O.C.
P4	C	301+01	6.0' F.O.C.
P5	D	103+99	5.5' F.O.C.
P6	C	104+61	6.0' F.O.C.
P7	D	205+50	6.0' F.O.C.
P8	C	204+75	6.0' F.O.C.
P9	A	106+03	5.5' F.O.C.
P10	B	106+90	4.5' F.O.C.
P11	A	107+83	4.5' F.O.C.
P12	B	109+63	6.0' F.O.C.

F.O.C. - FACE OF CURB

LUMINAIRE AND POLE SCHEDULE



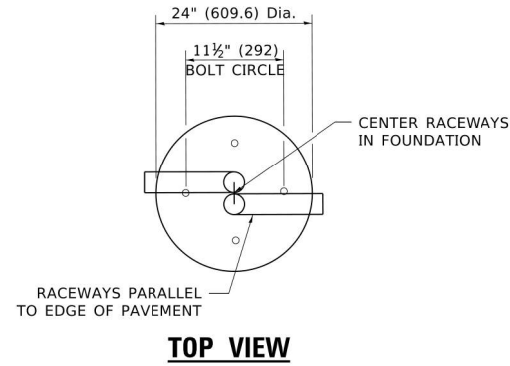
LIGHTING ONE-LINE DIAGRAM

N.T.S.

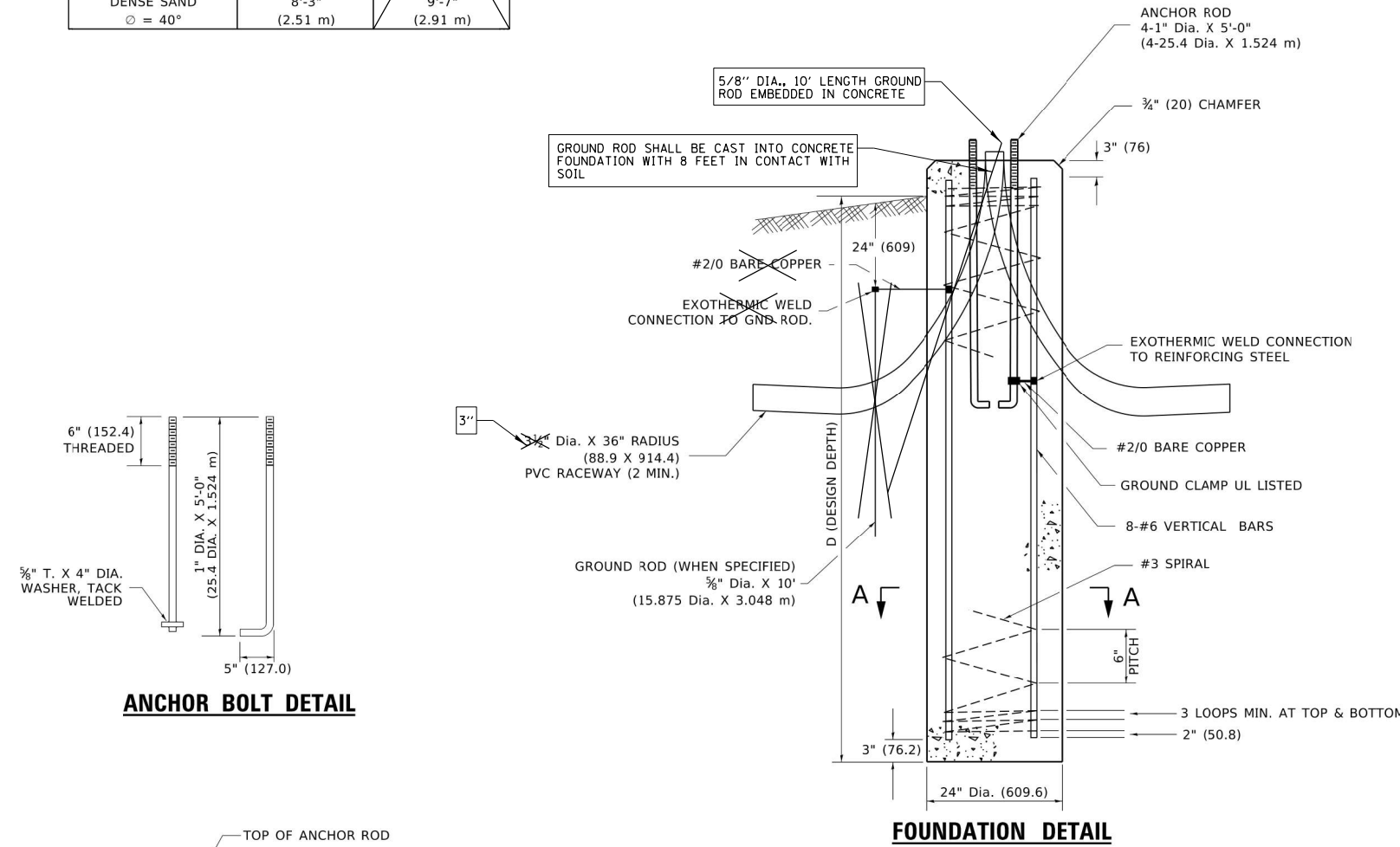
N:\NewLenox\190110 - PH2\Mech\LD1_190110_03.sht

LIGHT POLE FOUNDATION DEPTH TABLE
30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT

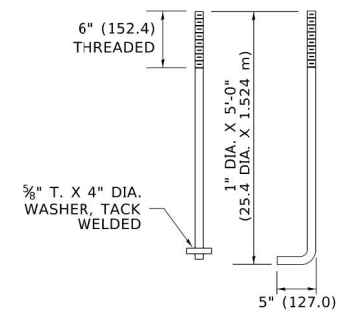
SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT.	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-6" (2.29 m)	8'-7" (2.64 m)
LOOSE SAND φ = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND φ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND φ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



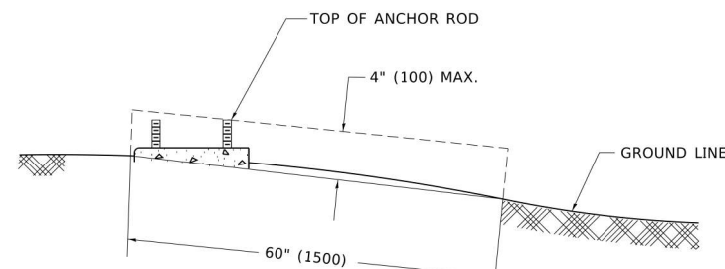
TOP VIEW



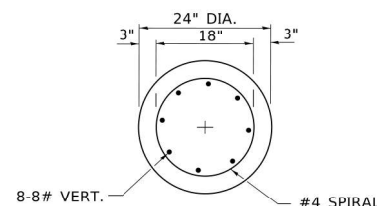
FOUNDATION DETAIL



ANCHOR BOLT DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A

LIGHT POLE FOUNDATION

N.T.S.

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- 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.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 23#4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERRECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

PAID FOR UNDER "LIGHT POLE FOUNDATION, 24" DIAMETER".

**IDOT STANDARD BE-300
MODIFIED FOR THIS PROJECT**

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

BILL OF MATERIAL

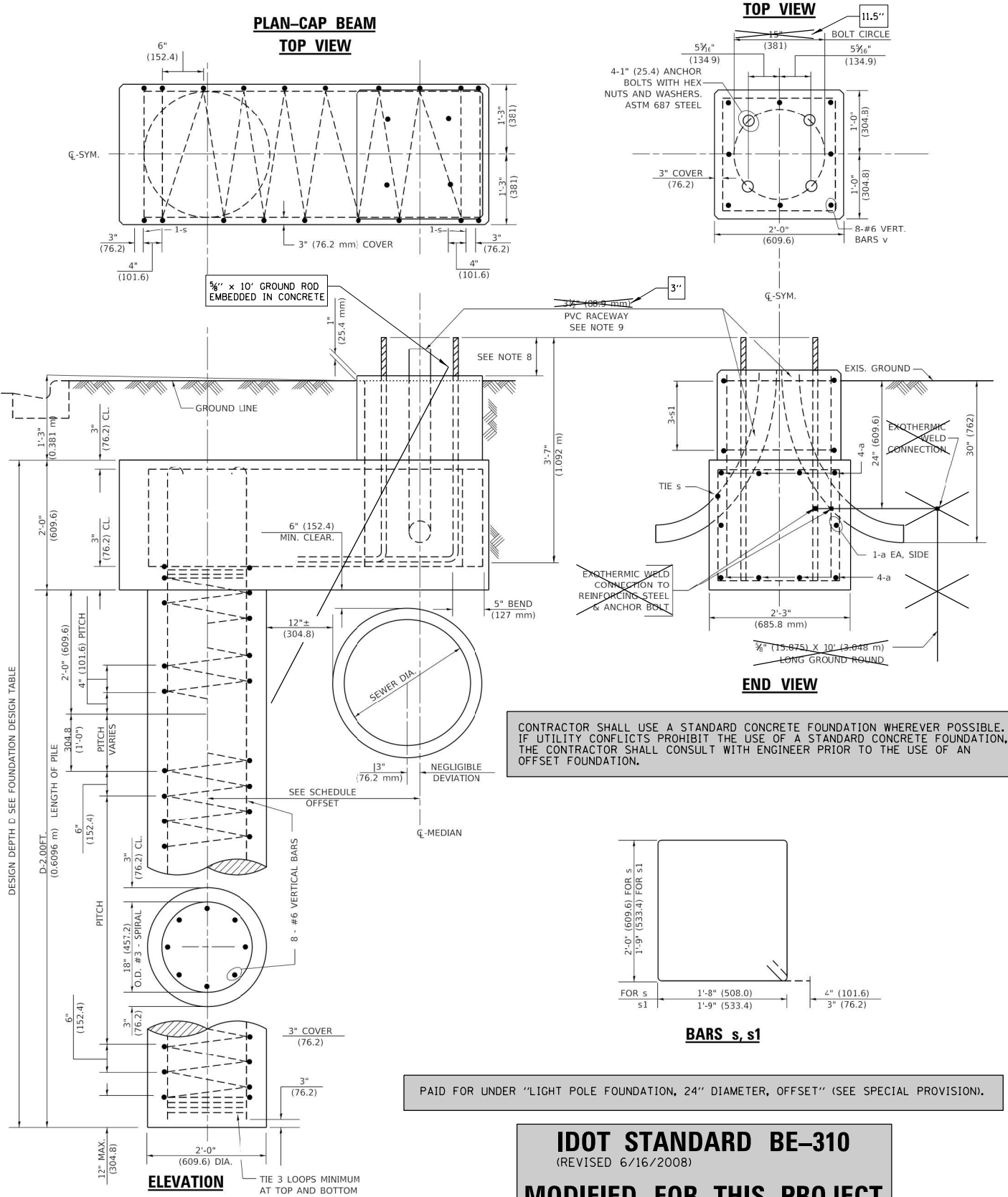
MARK	NO.	SIZE	LENGTH	SHAPE
a	10	6	SEE BELOW	—
s	12	4	8'-0" (2.438 m)	□
s ₁	3	3	7'-6" (2.286 m)	□
v ₁	8	6	2'-9" (0.838 m)	—
v ₂				

OFFSET SCHEDULE

SEWER DIAM. d IN.	PILE OFFSET from Q-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)

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 23#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.



CONTRACTOR SHALL USE A STANDARD CONCRETE FOUNDATION WHEREVER POSSIBLE. IF UTILITY CONFLICTS PROHIBIT THE USE OF A STANDARD CONCRETE FOUNDATION, THE CONTRACTOR SHALL CONSULT WITH ENGINEER PRIOR TO THE USE OF AN OFFSET FOUNDATION.

PAID FOR UNDER "LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET" (SEE SPECIAL PROVISION).

IDOT STANDARD BE-310
(REVISED 6/16/2008)
MODIFIED FOR THIS PROJECT

LIGHT POLE FOUNDATION OFFSET
N.T.S.



ComEd
An Exelon Company

Service and Meter Application Switch and Load Information Sheet

Please complete a separate sheet for each switch – existing or new:

Project Name: Haven-Cedar Roundabout
Site Address: 115 E. Haven Avenue, New Lenox, IL 60451
Switch Name and Location: Lighting Controller at Northwest corner of Haven Ave and Church St

Service Voltage (check one):

- 120/240V 1-phase, 3-wire
- 120/240V 3-phase, 4-wire
- 120/208V 3-phase, 4-wire
- Other:
- 4kV 12kV 34kV 3-phase, 3-wire
- 4kV 12kV 3-phase, 4-wire
- 277/480V 3-phase, 4-wire
- 480V 3-phase 3-wire (B-phase Grounded)
- 480V 3-phase 3-wire (Ungrounded – requires ground detection equip.)

Other Items (check all that apply):

- New Construction Sq. Ft.
- Building Addition Sq. Ft.
- Relocating Existing Service Entrance
- Hi-Rise/ Vault Service
- Underground Service
- Overhead Service
- Commercial – No. of units Sq. Ft.
- Residential – No. of units Sq. Ft.

Date of Ground Breaking (est.): _____ Date to Final Grade (est.): _____
Date to Energize: April 2024 Hours of Operation Per Day: 8 12 16 24

Switch Size (amps): 200 (If switchgear is 1,200 Amps or larger, customer must submit drawings for ComEd approval)
Switch Rating (percentage): 80%
Secondary Conductors: 1 Sets of 3 /C #3/0 CU or AL
(Number) (No. of conductors) (Size) (Type)

Total Connected Load Information:

(KW or HP)	Description:	Connected Load:	
		1-phase	3-phase
Lighting:	Lighting	1.5 Kw	
VAC:			
Receptacle:	Receptacle	12.0 Kw	
Process Heat:			
Water Heat:			
Space Heat:			
Motors*:	Irrigation Pump	6.7 Kw	
Welders**:			
TOTAL LOAD:		20.2 Kw	

*Motor Load Detail included above:

Description	Quantity	Size (HP)	Efficiency Rating	Phase / Voltage	Nema Code	Starts Per Hr. or Day	Starting Amps	Use
Irrig Pump	1	5		1/240	G	2	125	

**Welder Detail included above:

Description	Quantity	Size (kVA)	Type	Max. Inst. Demand	P.F. at Peak	Welds Per Minute	Cycles Per Weld	Hours Per Day Use

COMED CONTACT: ARIEL HUGHES
(779)-231-0442
(ariel.hughes@exeloncorp.com)



ComEd
An Exelon Company

Service and Meter Application Project Information Sheet

Project Name: Haven-Cedar Roundabout
Site Address: 115 E. Haven Avenue City: New Lenox Zip: 60451

Total Number of Service Entrance Locations (meters/switches) Requested: 1

Legal Name of Entity (Electric Consumer): Village of New Lenox
 Corporation Partnership Sole Proprietor Other: Municipality
Tax I.D.: _____ Existing Account Number: 4393029166

Principle(s) to Sign Contracts For Service, Easements, Etc.:

Property Owner: _____ Phone: _____
Building Owner: _____ Phone: _____
Building Manager: Brian Williams Phone: (815) 215-4800

Mailing Address For Contracts:

Company: Village of New Lenox Phone: (815) 215-4800 Fax: _____
Address: 2401 Ellis Rd. City: New Lenox Zip: 60451

Mailing Address For Electric Bills:

Company: Village of New Lenox Phone: (815) 215-4800 Fax: _____
Address: 2401 Ellis Rd. City: New Lenox Zip: 60451

Project Contacts:

Consulting Engineer: Gerry Hennelly E-mail: ghennelly@cbbel.com
Firm Name: Christopher Burke Engineering, Ltd. Phone: (847) 823-0500 Fax: (847) 823-0520
Address: 9575 W. Higgins Road, Suite 600 City: Rosemont Zip: 60018

Electrical Contractor:

Consulting Engineer: _____ E-mail: _____
Firm Name: _____ Phone: _____ Fax: _____
Address: _____ City: _____ Zip: _____

Other:

Consulting Engineer: _____ E-mail: _____
Firm Name: _____ Phone: _____ Fax: _____
Address: _____ City: _____ Zip: _____

The Following Documents May Be Required:

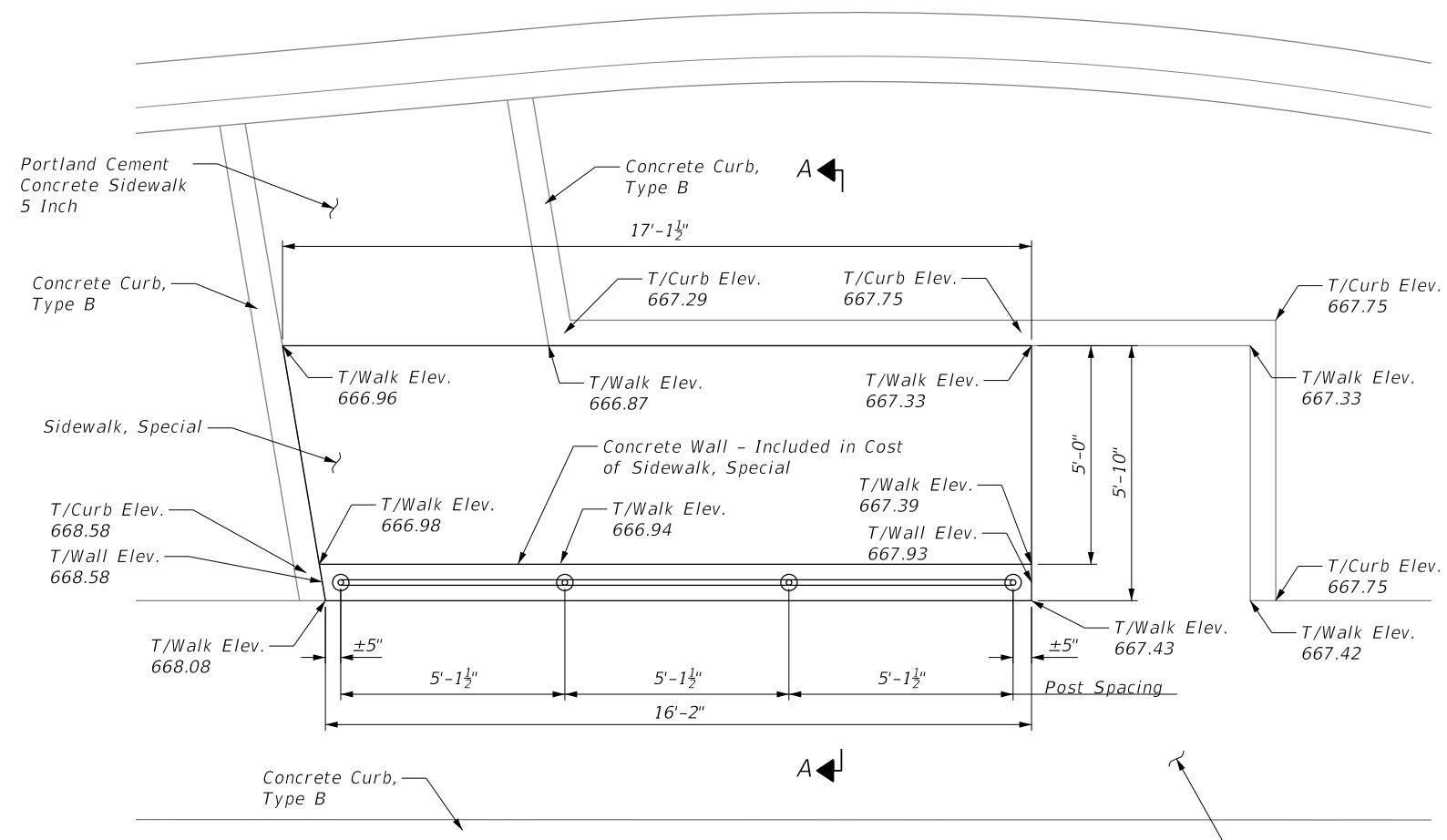
1. Plat of Survey with legal description of property (for easement, if required)
2. Site Plan showing building relative to property lines – mark service entrance location(s)
3. Civil drawings (showing water, sewer, gas, phone, electric, pavement, grading, etc.)
4. Complete electrical drawings and/or load detail sheets

Information Provided By:

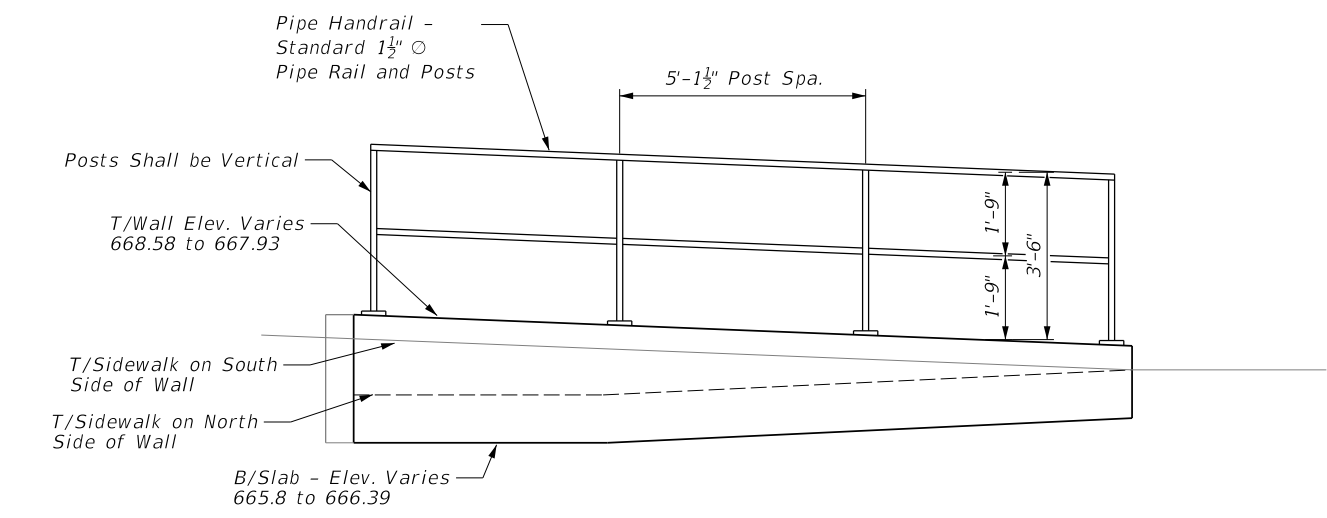
Print Name: Gerry Hennelly
Signature: _____
Date: 4/26/2023

ELECTRICAL SERVICE APPLICATION FOR INFORMATIONAL PURPOSES ONLY

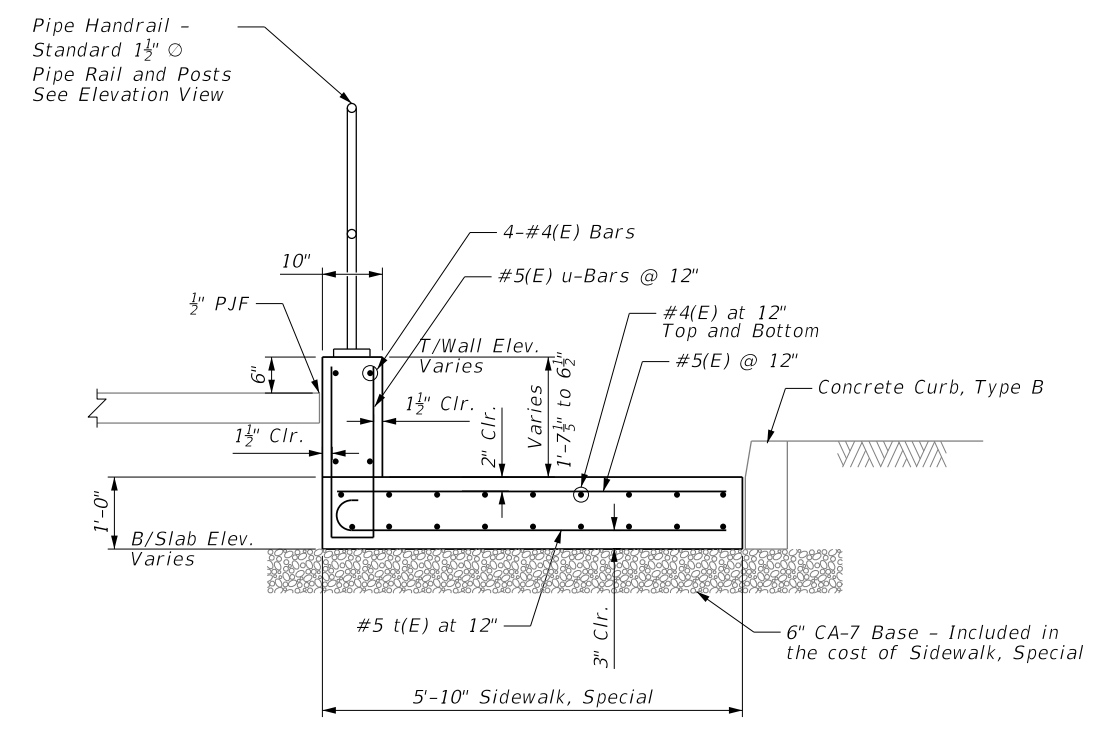
<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 1623 W. 159th Street, Suite 201 Lockport, IL 60441 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJD/BBB	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">CEDAR ROAD AT HAVEN AVENUE LIGHTING DETAILS (6 OF 6)</p>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = N.T.S.	CHECKED - AJD	REVISED -			0315	19-00043-00-CH	WILL	101	70	CONTRACT NO. 61J08
	PLOT DATE = 2/14/2024	DATE -	REVISED -			SCALE: 20'	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		



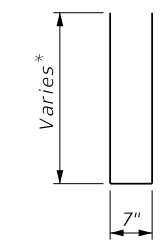
PLAN - SW CORNER HAVEN AVENUE AND CEDAR ROAD
See Civil Plans for Additional Grading Details



ELEVATION - SW CORNER HAVEN AVENUE AND CEDAR ROAD

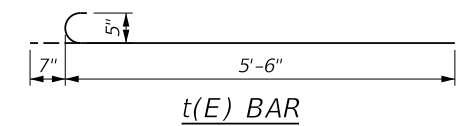


SECTION A-A - SIDEWALK, SPECIAL
See Civil Plans for Additional Grading Details

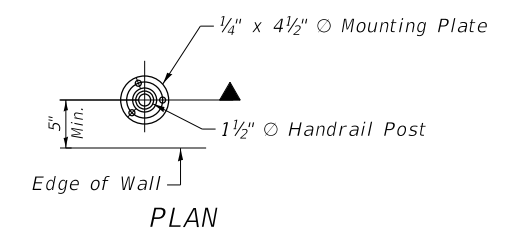


u(E) BAR

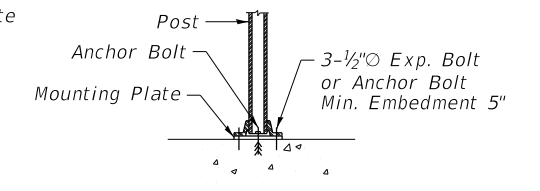
* Varies from 2'-3" to 1'-2".
Bars may be Cut in Field.
Cut Ends to be Painted with Epoxy Paint



t(E) BAR



PLAN



SECTION

PIPE HANDRAIL - BASE PLATE

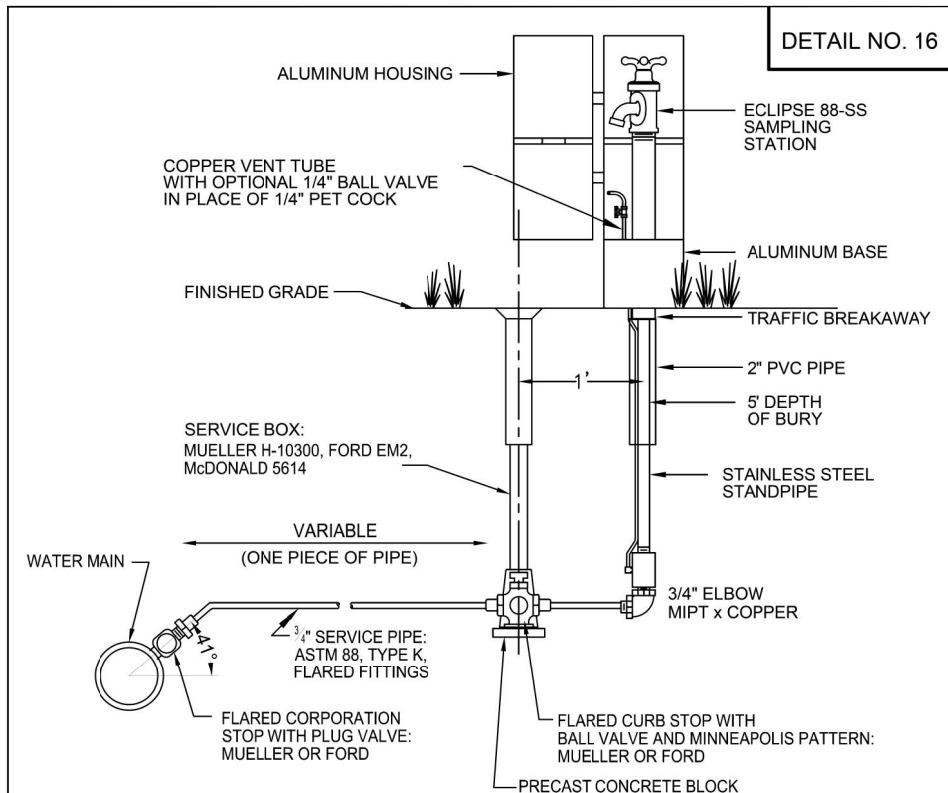
NOTES

See Special Provision for Sidewalk, Special.
Pay Item Includes Wall and Slab.

All Steel Rail Elements Shall be Galvanized
According to Article 509 of the Standard
Specifications.

BILL OF MATERIAL

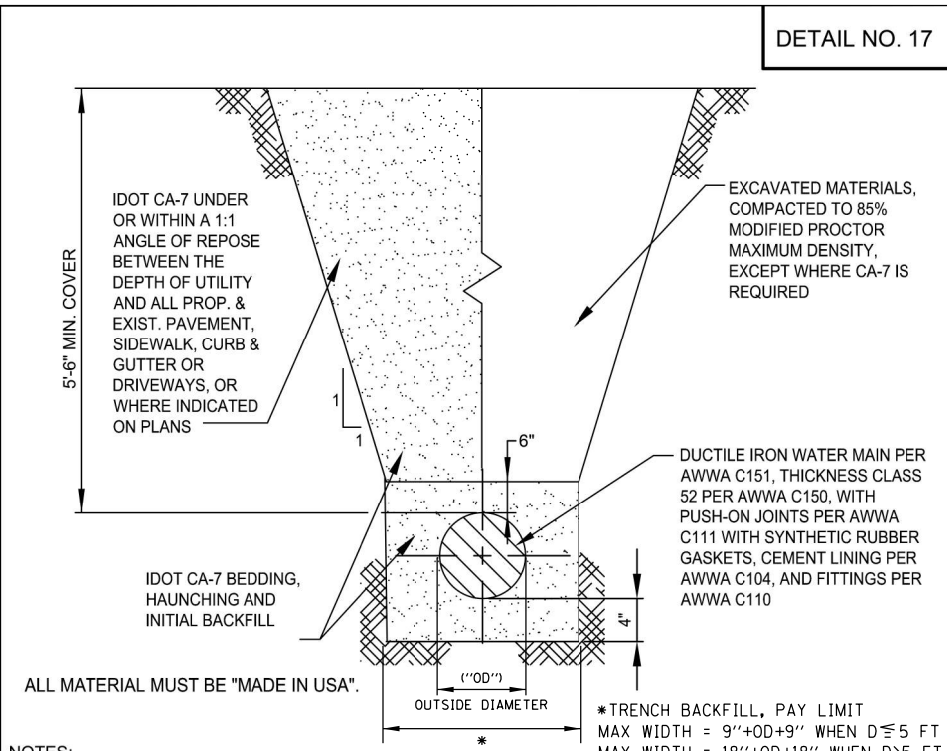
Item	Unit	Quantity
Sidewalk, Special	Sq. Ft.	98
Pipe Handrail	Foot	16



- SAMPLING STATION SHALL BE ECLIPSE NO. 88-SS EXTREME COLD CLIMATE w/ TRAFFIC BREAKAWAY, MANUFACTURED BY KUPFEREL FOUNDRY, ST. LOUIS, MO 63102.
- SAMPLING STATIONS SHALL BE 5' BURY, WITH A 3/4" FIP INLET AND A (3/4" HOSE OR UNTHREADED) NOZZLE.
- LOCATION OF SAMPLING STATION SHALL BE DETERMINED DURING FINAL ENGINEERING OF THE PROPOSED DEVELOPMENT.
- CONTRACTOR SHALL HAVE SAMPLING STATION STAKED FOR LOCATION AND ELEVATION AND APPROVED BY THE VILLAGE PRIOR TO INSTALLATION.
- ALL STATIONS SHALL BE ENCLOSED IN A LOCKABLE, NONREMOVABLE, ALUMINUM-CAST HOUSING.
- WHEN OPENED, THE STATION SHALL REQUIRE NO KEY FOR OPERATION, AND THE WATER WILL FLOW IN ALL STAINLESS STEEL WATERWAY.
- ALL WORKING PARTS WILL ALSO BE OF STAINLESS STEEL AND BE REMOVABLE FROM ABOVE GROUND WITH NO DIGGING. EXTERIOR PIPING SHALL BE STAINLESS STEEL.
- A STAINLESS STEEL VENT TUBE WILL ENABLE EACH STATION TO BE PUMPED FREE OF STANDING WATER TO PREVENT FREEZING AND TO MINIMIZE BACTERIA GROWTH.
- WATER SAMPLING STATIONS SHALL BE INDICATED ON THE DRAWINGS USING THE SYMBOL SHOWN BELOW.

VILLAGE OF NEW LENOX
STANDARD DETAIL
FOR
WATER SAMPLING
STATION

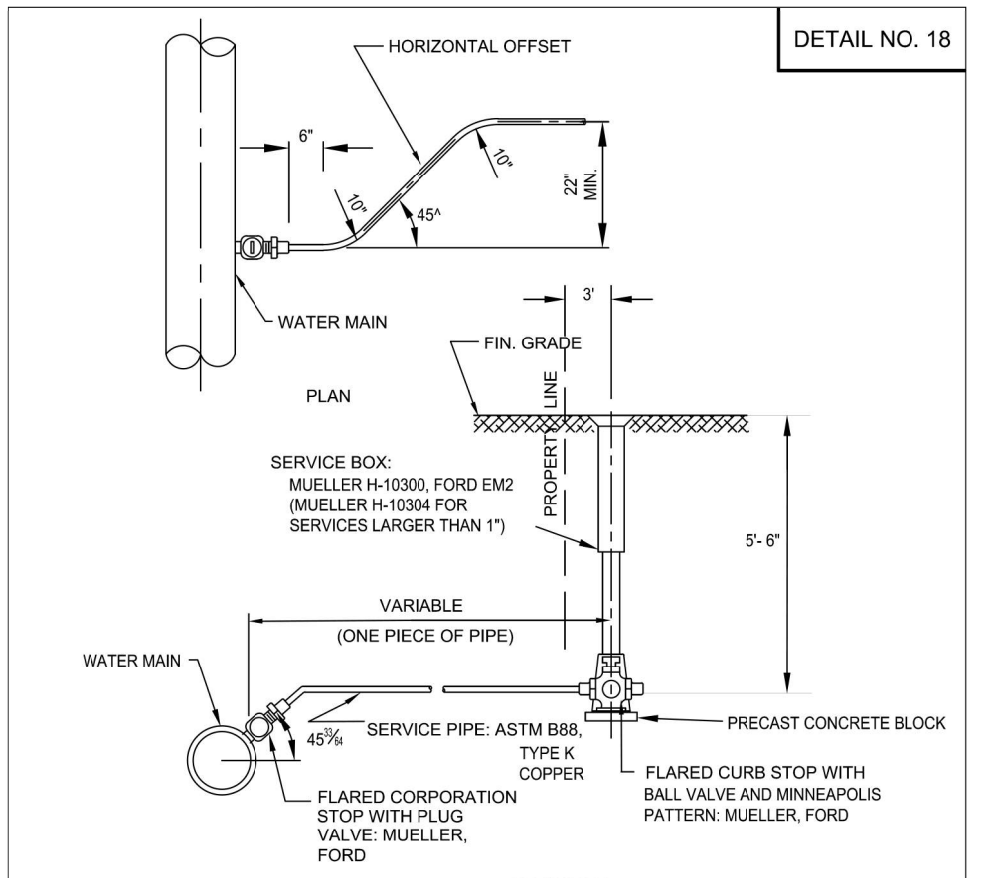
REV:	3
DATE:	JANUARY 2018
FILE:	WATERWATERSAMPLER



- NOTES:
- WATER FOR ALL FILLING, TESTING AND CHLORINATING SHALL BE DRAWN FROM THE VILLAGE'S SYSTEM AT THE PROPOSED POINT OF CONNECTION, USING THE VILLAGE'S METERING EQUIPMENT. THIS EQUIPMENT SHALL BE AVAILABLE FROM THE VILLAGE AFTER A 48-HOUR PRIOR NOTICE. EQUIPMENT SHALL BE RETURNED TO THE VILLAGE IMMEDIATELY UPON COMPLETION OF THE TEST, WHETHER SUCCESSFUL OR NOT. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING 2-INCH FLARED CORPORATION ON NEW MAIN TO CONNECT WITH VILLAGE'S EQUIPMENT. FLUSHING SCHEDULE SHALL BE SUBJECT TO VILLAGE WATER DEPARTMENT'S REVIEW AND APPROVAL.
 - MAINS SHALL BE PRESSURE TESTED AT A MAXIMUM PRESSURE OF 150 PSI FOR 2 HOUR AND SHALL NOT EXCEED THE ALLOWABLE LEAKAGE WITH AWWA C600 AND AWWA C603. IF MAINS TO BE TESTED INCLUDE CONCRETE THRUST BLOCKING, DO NOT BEGIN TEST UNTIL AT LEAST 5 DAYS AFTER THE INSTALLATION OF THE THRUST BLOCKING.
 - NO CHAINS SHALL BE USED DURING THE INSTALLATION OF THE PROPOSED WATER MAIN. NYLON STRAPS SHALL BE UTILIZED INSTEAD. ANY PIPE THAT IS SCRATCHED DURING INSTALLATION SHALL BE SPRAYED WITH A DIALECTRIC UNDERCOATING PAINT.
 - RESTRAINED JOINT PIPE SHALL BE USED THROUGH ALL CASING.
 - WATER MAINS SHALL BE FLUSHED AND THEN DISINFECTED BY DRY GAS FEED OF CHLORINE PER ARTICLE 41-2.14 OF THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, FIFTH EDITION. CHLORINE SHALL BE INTRODUCED INTO NEW MAIN THROUGH A 2-INCH CORPORATION, VILLAGE'S RPZ, AND EXISTING HYDRANT. IF NO HYDRANT IS AVAILABLE, A SECOND 2-INCH CORPORATION ON THE EXISTING MAIN WILL BE USED.
 - 16-INCH AND LARGER MAINS SHALL INCLUDE RESTRAINED JOINT PIPE FOR THREE PIPE LENGTHS FROM EACH DIRECTIONAL CHANGE (I.E. BENDS, ELBOWS).
 - BRASS WEDGES SHALL BE INSTALLED AT ALL JOINTS.

VILLAGE OF NEW LENOX
STANDARD DETAIL
FOR
WATER MAIN
INSTALLATION

REV:	3
DATE:	JANUARY 2018
FILE:	WATERWMI



CORPORATION STOP CATALOG NUMBERS			
SIZE	FORD	AY McDONALD	MUELLER
1"	FB8600-4	4701-B	B-25000
1-1/2"	FB8600-6	4701-B	B-25000
2"	FB8600-7	4701-B	B-25000

CURB STOP CATALOG NUMBERS			
SIZE	FORD	AY McDONALD	MUELLER
1"	B22-444M	6104	B-25124
1-1/2"	B22-666M	6104	B-25124
2"	B22-777M	6104	B-25124

- NOTE:
- TRENCH BACKFILL SHALL BE INSTALLED PER WATER MAIN INSTALLATION DETAIL.
 - WATER SERVICE LENGTHS: SEE SECTION 503.02 IN DESIGN STANDARD. SPLICES IN THE WATER SERVICE SHALL NOT BE PERMITTED.
 - SERVICES GREATER THAN OR EQUAL TO 1-1/2-INCHES IN DIAMETER SHALL REQUIRE SADDLES/SAC NUTS. THE SADDLE SHALL BE AN EPOXY COATED DUCTILE IRON BODY WITH STAINLESS STEEL STRAPS, SMITH BLAIR #317 OR JCM #404.

VILLAGE OF NEW LENOX
STANDARD DETAIL
FOR
WATER SERVICE

REV:	2
DATE:	JANUARY 2018
FILE:	WATERWRSRV

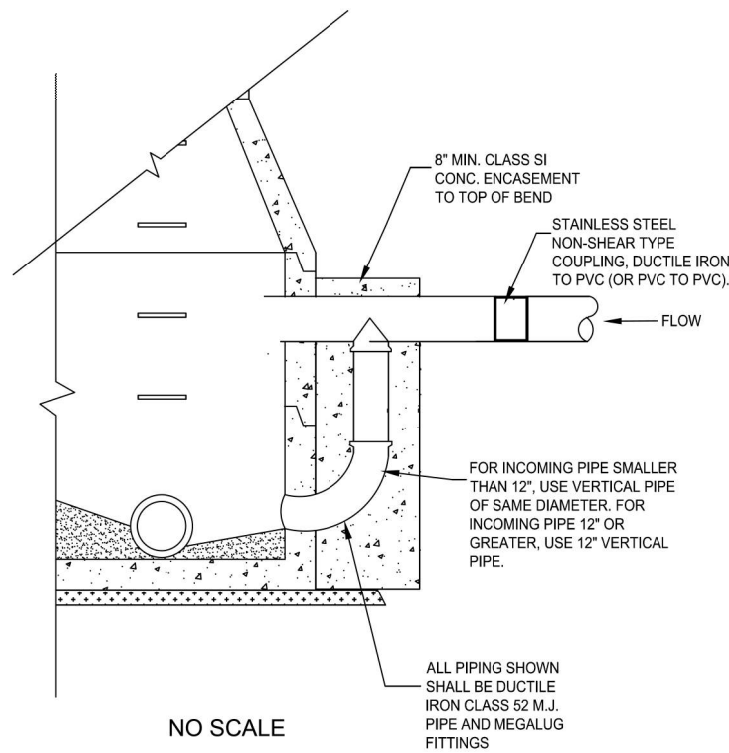
USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
DRAWN - PWN/JRS	REVISED -	
CHECKED - AJS	REVISED -	
DATE -	REVISED -	
PLOT SCALE = N.T.S.		
PLOT DATE = 2/14/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CEDAR ROAD AND HAVEN AVENUE INTERSECTION IMPROVEMENT
CONSTRUCTION DETAILS
SCALE: N.T.S. SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	73
				CONTRACT NO. 61J08
ILLINOIS FED. AID PROJECT				

DETAIL NO. 19

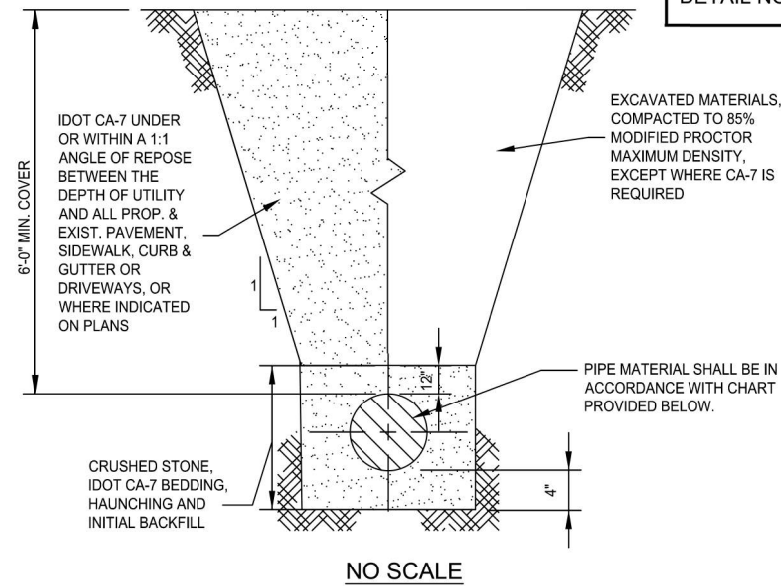


- NOTE:
- 20 FEET OF DUCTILE IRON PIPE WITH PROTECTO 401 COATING SHALL BE INSTALLED UPSTREAM OF TEE.
 - C-900 WATER QUALITY PIPE MAY BE USED IN LIEU OF PROTECTO 401 PIPE UPON APPROVAL OF THE SANITARY PUBLIC WORKS DEPARTMENT.

VILLAGE OF NEW LENOX
STANDARD DETAIL
FOR
DROP CONNECTION

REV:	4
DATE:	JANUARY 2018
FILE:	SANITARYDROP

DETAIL NO. 21



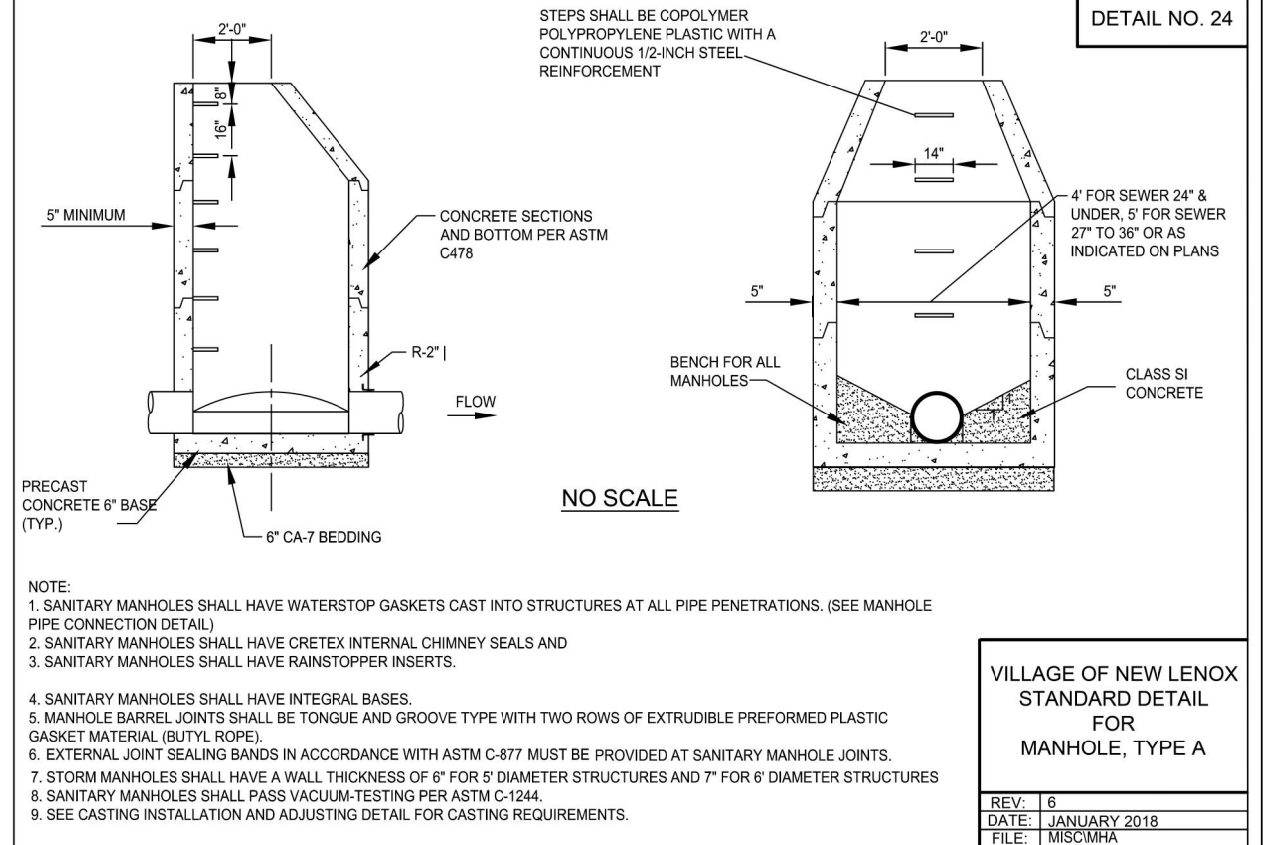
NOTES:

- JOINTS FOR GRAVITY SANITARY SEWER SHALL USE PUSH ON BELL AND SPIGOT TYPE WITH RUBBER RING GASKETS CONFORMING TO ASTM D3212 AND ASTM F477 FOR SDR 26 APPLICATIONS.
 - WHERE INDICATED ON THE PLANS, SANITARY SEWER PRESSURE PIPE SHALL COMPLY WITH ASTM D2241 FOR 160 PSI PRESSURE RATED PIPE SDR 26, MADE OF TYPE 1, GRADE 1 POLYVINYL CHLORIDE CONFORMING TO ASTM D1784. JOINTS SHALL USE PUSH-ON BELL AND SPIGOT TYPE WITH RUBBER RING SEAL GASKETS CONFORMING TO ASTM D3139.
 - GRAVITY SANITARY SEWER FITTINGS SHALL COMPLY WITH ASTM D3212 WITH A SDR OF 26. THE FITTINGS SHALL BE MADE WITH MANUFACTURER'S STANDARD PIPE BELLS AND GASKETS. GRAVITY SEWER RISERS AND SERVICE PIPE AND FITTINGS SHALL COMPLY WITH ASTM D3034 WITH A SDR OF 26.
 - PRESSURE SANITARY SEWER FITTINGS SHALL BE FACTORY FABRICATED WITH ATTACHED MAIN LINE COUPLING, WITH SAME RATING AS PIPE. PRESSURE SEWER RISERS AND SERVICE PIPE AND FITTINGS SHALL COMPLY WITH ASTM D2241, 160 PSI PRESSURE RATED, SDR 26 PIPE. SEPARATE NOTIFICATION SHALL BE PROVIDED TO PUBLIC WORKS DEPARTMENT PRIOR TO INSTALLING PRESSURE SANITARY SEWERS.
 - ALL SANITARY SEWERS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH ARTICLE 31-1.11B(3) OF THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN ILLINOIS, FIFTH EDITION; AND DEFLECTION TESTED IN ACCORDANCE WITH ARTICLE 31-1.11B(4) OF THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN ILLINOIS, FIFTH EDITION. DEFLECTION TESTING SHALL BE DONE NO SOONER THAN 30 DAYS AFTER THE PIPE HAS BEEN BACKFILLED. NO SOONER THAN 30 DAYS AFTER SEWERS HAVE BEEN INSTALLED, THEY SHALL BE INSPECTED BY CLOSED CIRCUIT COLOR TELEVISION TO DETERMINE IF ANY PIPE INSTALLATION DEFECTS HAVE OCCURRED, AND TO DETERMINE THE LOCATION OF SERVICES. ONE COPY OF THE VIDEOTAPE AND WRITTEN INSPECTION REPORT SHALL BE FURNISHED TO THE VILLAGE.
 - SEWER PLUGS SHALL BE INSTALLED AT DOWNSTREAM ENDS OF ALL NEW SEWERS AND LEFT IN PLACE UNTIL VILLAGE ACCEPTS SEWERS. SEWER PLUGS SHALL BE INSTALLED AT UPSTREAM ENDS OF NEW SEWERS AT THE END OF EACH DAY'S WORK.
- * THE VILLAGE RESERVES THE RIGHT TO REQUIRE ALTERNATE SANITARY SEWER PIPE AND JOINT MATERIALS AS IT DEEMS NECESSARY

VILLAGE OF NEW LENOX
STANDARD DETAIL
FOR
SANITARY SEWER
INSTALLATION

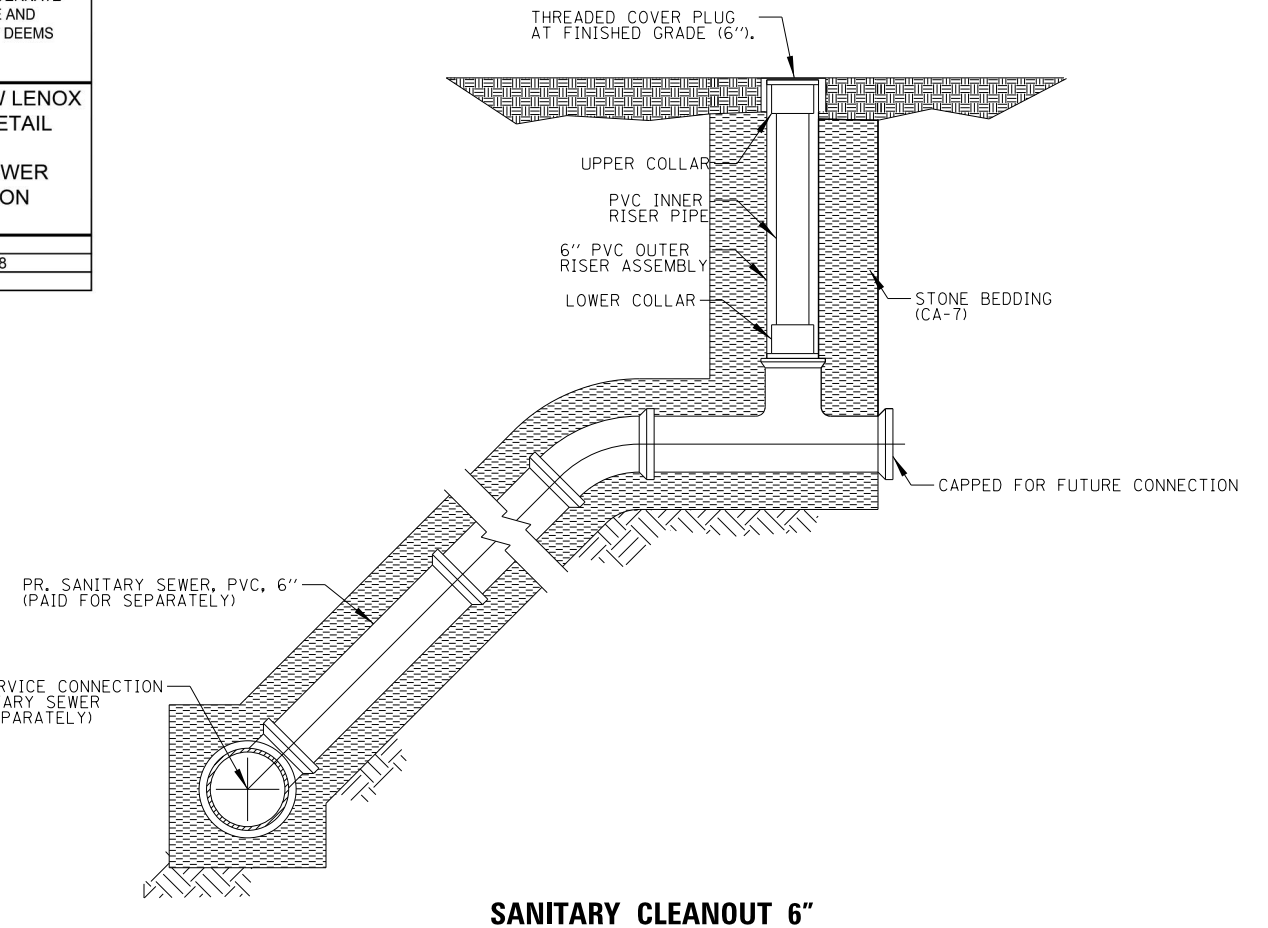
REV:	5
DATE:	JANUARY 2018
FILE:	SANITARYSSI

DETAIL NO. 24



VILLAGE OF NEW LENOX
STANDARD DETAIL
FOR
MANHOLE, TYPE A

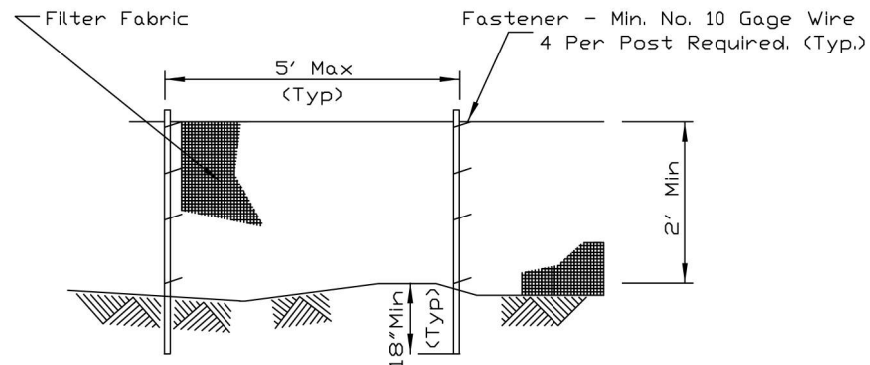
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DATE:	JANUARY 2018
FILE:	MISC/MHA



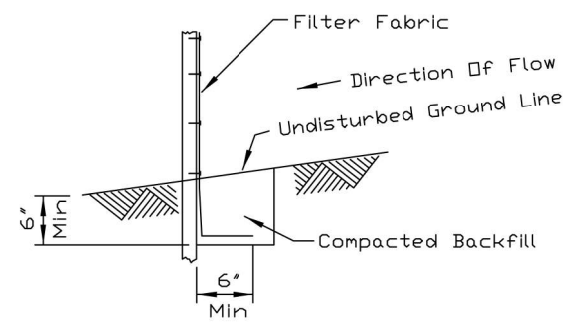
USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
	DRAWN - PWN/JRS	REVISED -
PLOT SCALE = N.T.S.	CHECKED - AJS	REVISED -
PLOT DATE = 2/14/2024	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	74
			CONTRACT NO. 61J08	
ILLINOIS FED. AID PROJECT				

SILT FENCE PLAN



ELEVATION

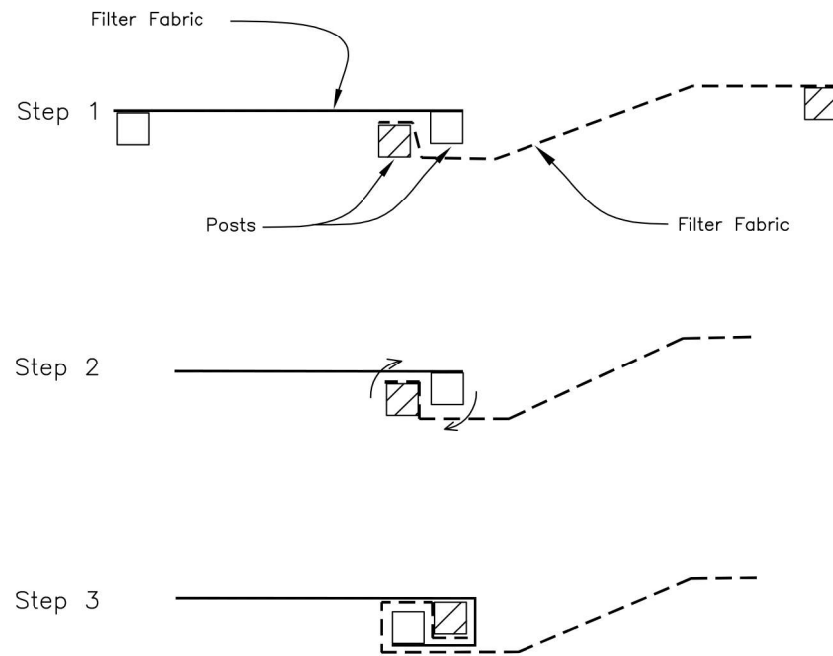


FABRIC ANCHOR DETAIL

- NOTES:
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
 2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
 3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE Project _____ Date _____	 <p>Natural Resources Conservation Service</p>	STANDARD DWG. NO. IL-620
Designed _____ Date _____		SHEET 1 OF 2
Checked _____ Date _____		DATE 11-20-01
Approved _____ Date _____		

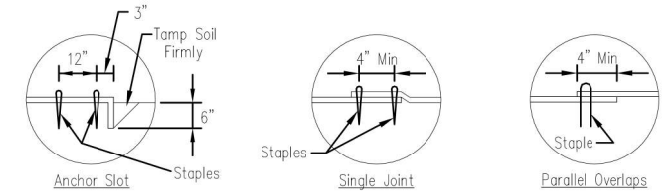
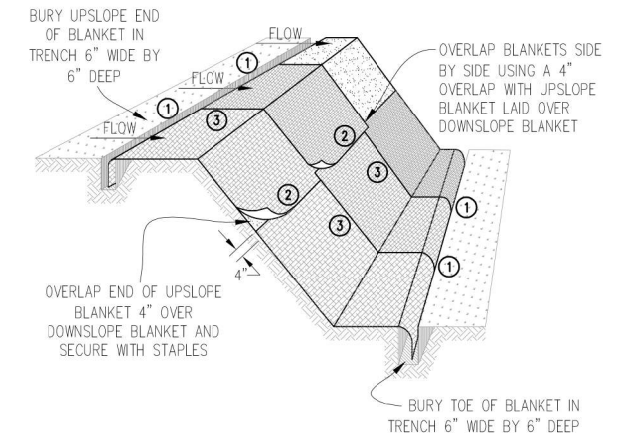
SILT FENCE



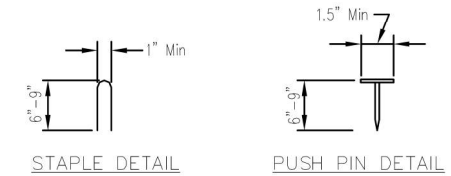
ATTACHING TWO SILT FENCES

- NOTES:
1. Place the end post of the second fence inside the end post of the first fence.
 2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
 3. Drive both posts a minimum of 18 inches into the ground and bury the flap.

REFERENCE Project _____ Date _____	 <p>Natural Resources Conservation Service</p>	STANDARD DWG. NO. IL-620(W)
Designed _____ Date _____		SHEET 2 OF 2
Checked _____ Date _____		DATE 1-29-99
Approved _____ Date _____		



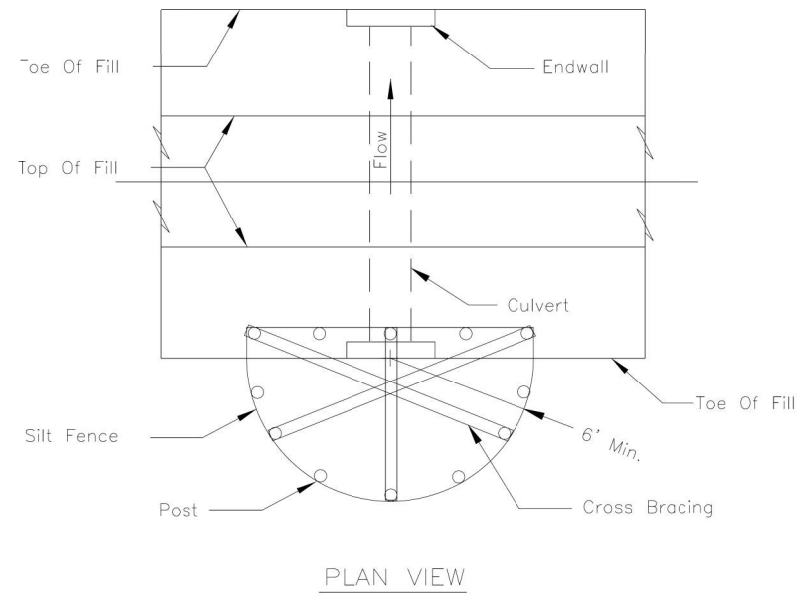
DETAIL 1 DETAIL 2 DETAIL 3



- NOTES:
1. Staples shall be placed in a diamond pattern at 2 per s.y. for stitched blankets. Non-stitched shall use 4 staples per s.y. of material. This equates to 200 staples with stitched blanket and 400 staples with non-stitched blanket per 100 s.y. of material.
 2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
 3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
 4. All anchor slots shall be stapled at approximately 12" intervals.

Project No. _____	<p style="text-align: center;">EROSION CONTROL BLANKET INSTALLATION DETAILS</p>	Designed _____ Date _____
Drawn R. JOHNSON		11/08
Checked _____		
Approved _____		

CULVERT INLET PROTECTION - SILT FENCE



NOTES:

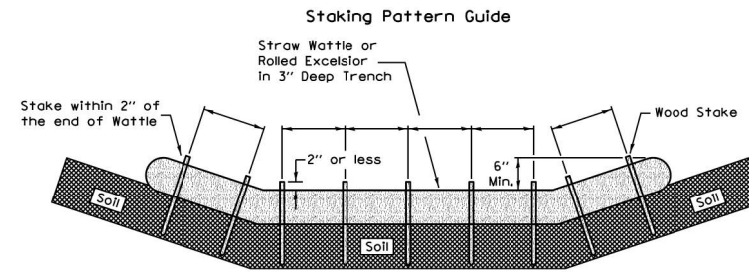
1. The silt fence shall meet the requirements as shown on standard drawing IL-620 SILT FENCE except the maximum post spacing shall be 3 feet and the tops of posts shall be cross braced.
2. Sediment shall be removed when the sediment has accumulated to one-half the height of the silt fence.
3. The maximum drainage area to the culvert being protected is 1 acre.

REFERENCE	Project	Designed	Checked	Approved
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____



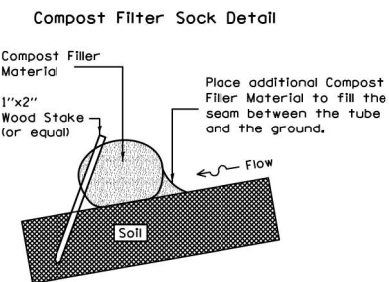
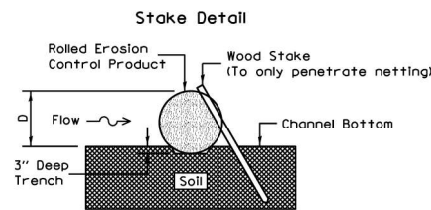
STANDARD DWG. NO.
IL-508SF
SHEET 1 OF 1
DATE 1-29-99

ROLLED EROSION CONTROL PRODUCTS



Notes:

1. Overlap minimum is the diameter of the roll.
2. 4' spacing for wattles.
3. 2' spacing for rolled excelsior.
4. Or space according to manufacturer's specifications.



When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

Notes:

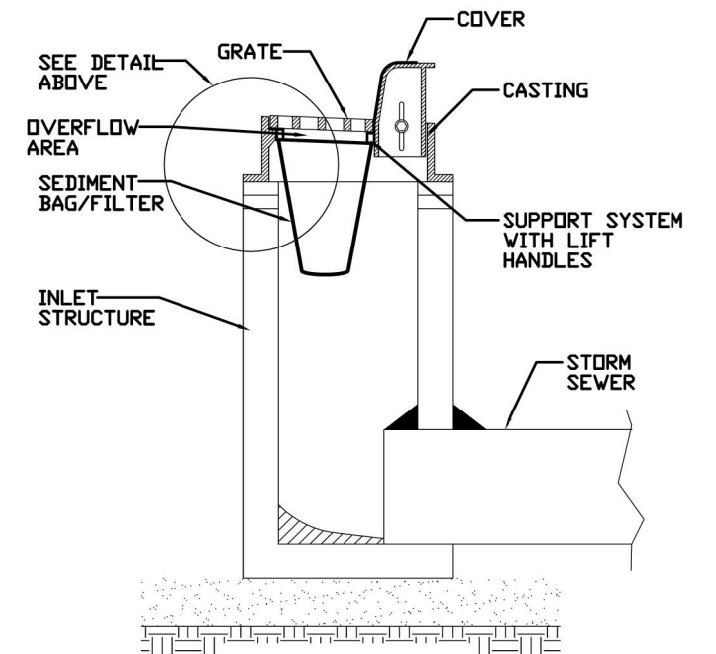
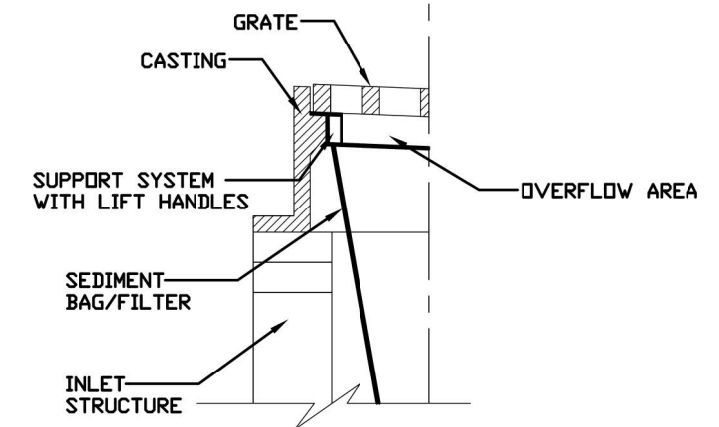
1. Drawings are not to scale.
2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
3. Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long.
4. Stakes shall not extend above the straw wattle more than 2".
5. Spacing: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

REFERENCE	Project	Designed	Checked	Approved
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____



STANDARD DWG. NO.
IUM-514
SHEET 1 OF 1
DATE 8-19-11

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



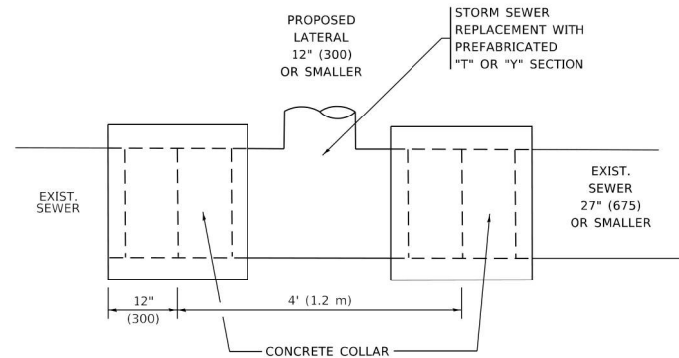
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	_____	_____	_____	_____
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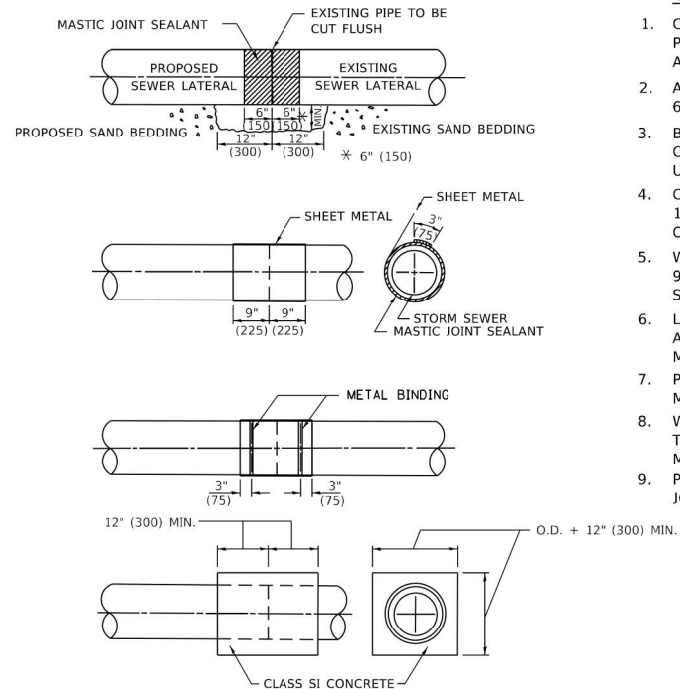
STANDARD DWG. NO.
IUM-561D
SHEET 1 OF 1
DATE 01-11-11

USER NAME	DESIGNED	REVISED
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	DRAWN - PWN/JRS	REVISED -
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PLOT DATE = 2/14/2024	DATE -	REVISED -

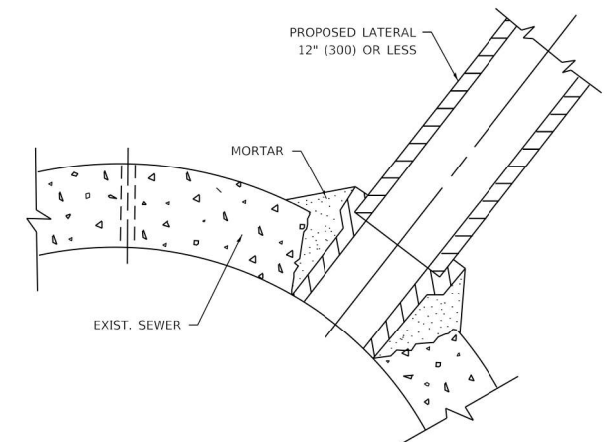
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	77
			CONTRACT NO. 61J08	
ILLINOIS FED. AID PROJECT				



DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR



DETAIL "C"
PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

- CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

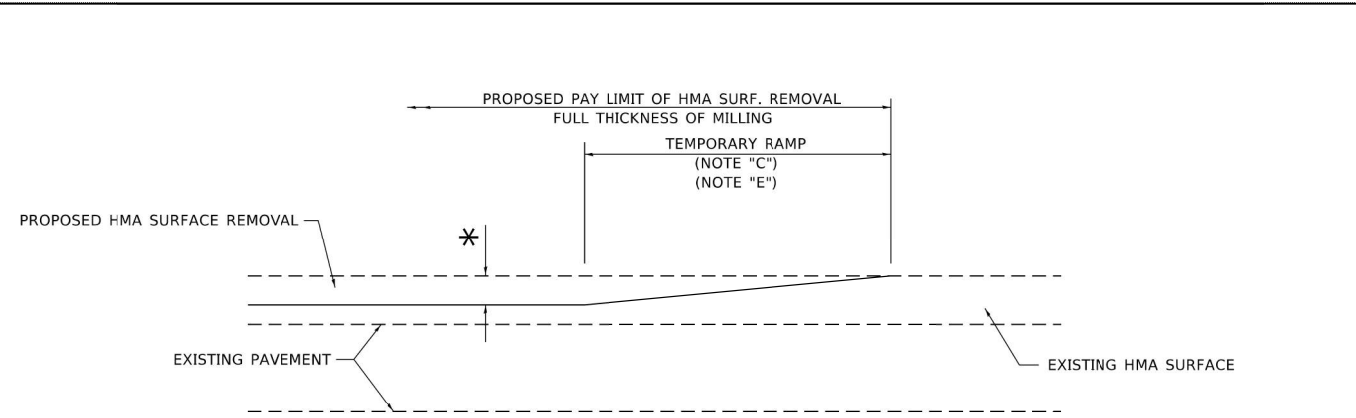
- TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
- REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
- TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
- CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

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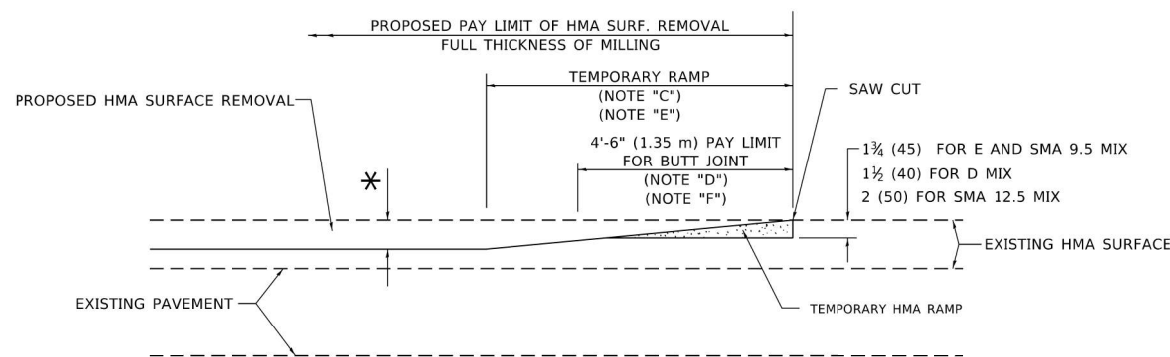
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DRAWN -	DRAWN -	REVISED - R. SHAH 10-25-94		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	BD500-01 (BD-07)		CONTRACT NO.	
PLCT SCALE = 100.0000" / in.	CHECKED -	REVISED - R. SHAH 06-12-96		ILLINOIS FED. AID PROJECT						
PLCT DATE = 2/2/2022	DATE - 07-25-90	REVISED - K. SMITH 02-01-22								

<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 1623 W. 109th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850</p>	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE DISTRICT ONE DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLCT DATE = 2/14/2024	DATE -	REVISED -		CONTRACT NO. 61J08							



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

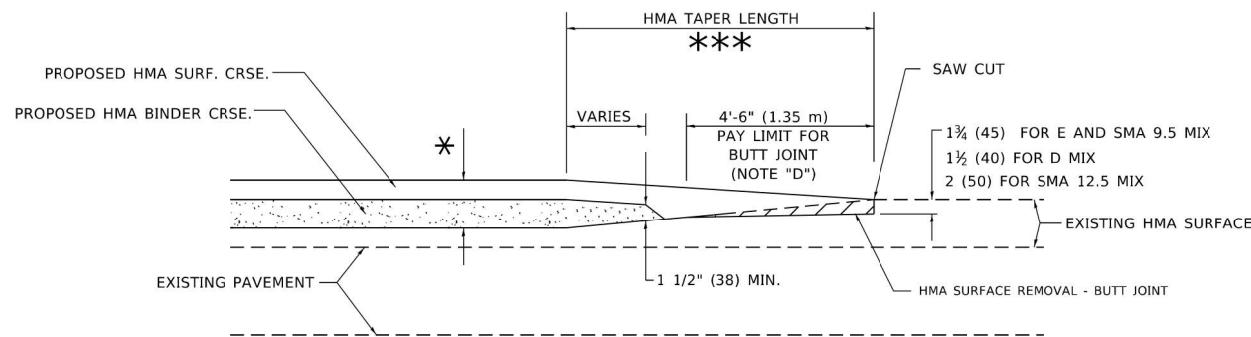
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

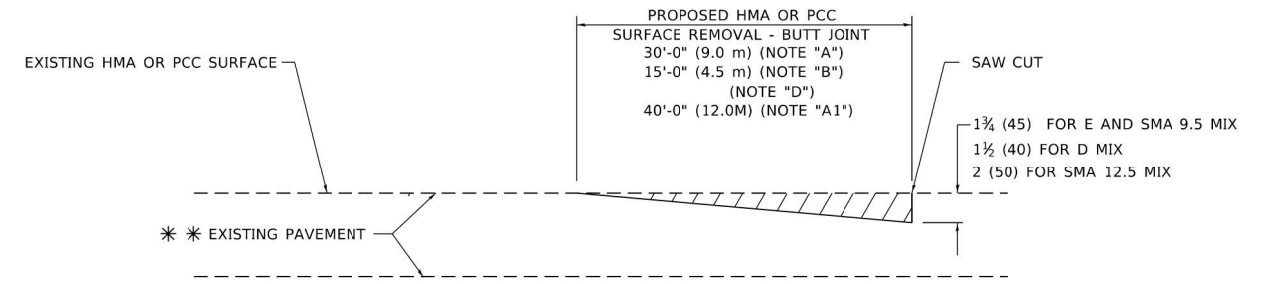
OPTION 2

TYPICAL TEMPORARY RAMP

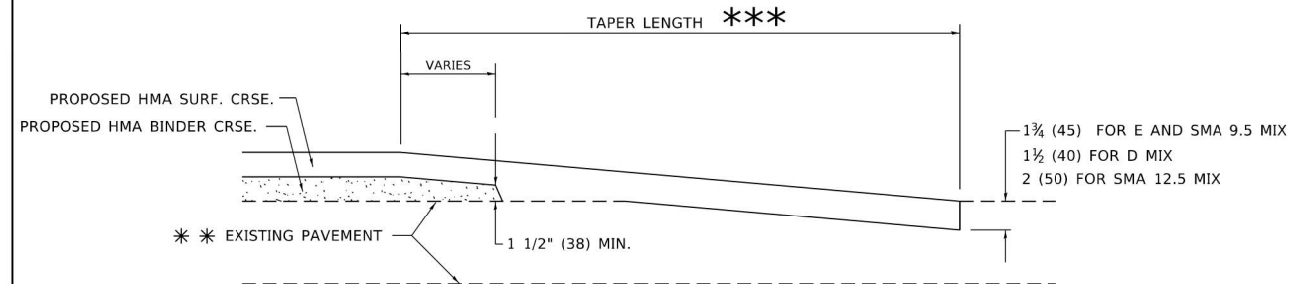


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- 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' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL - BUTT JOINT".
- *** 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

- 1. 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".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

MODEL: Default
FILE NAME: W:\0315\02\22\3104032.dgn

USER NAME = demanchelt	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLCT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLCT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD400-05 BD-32			
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

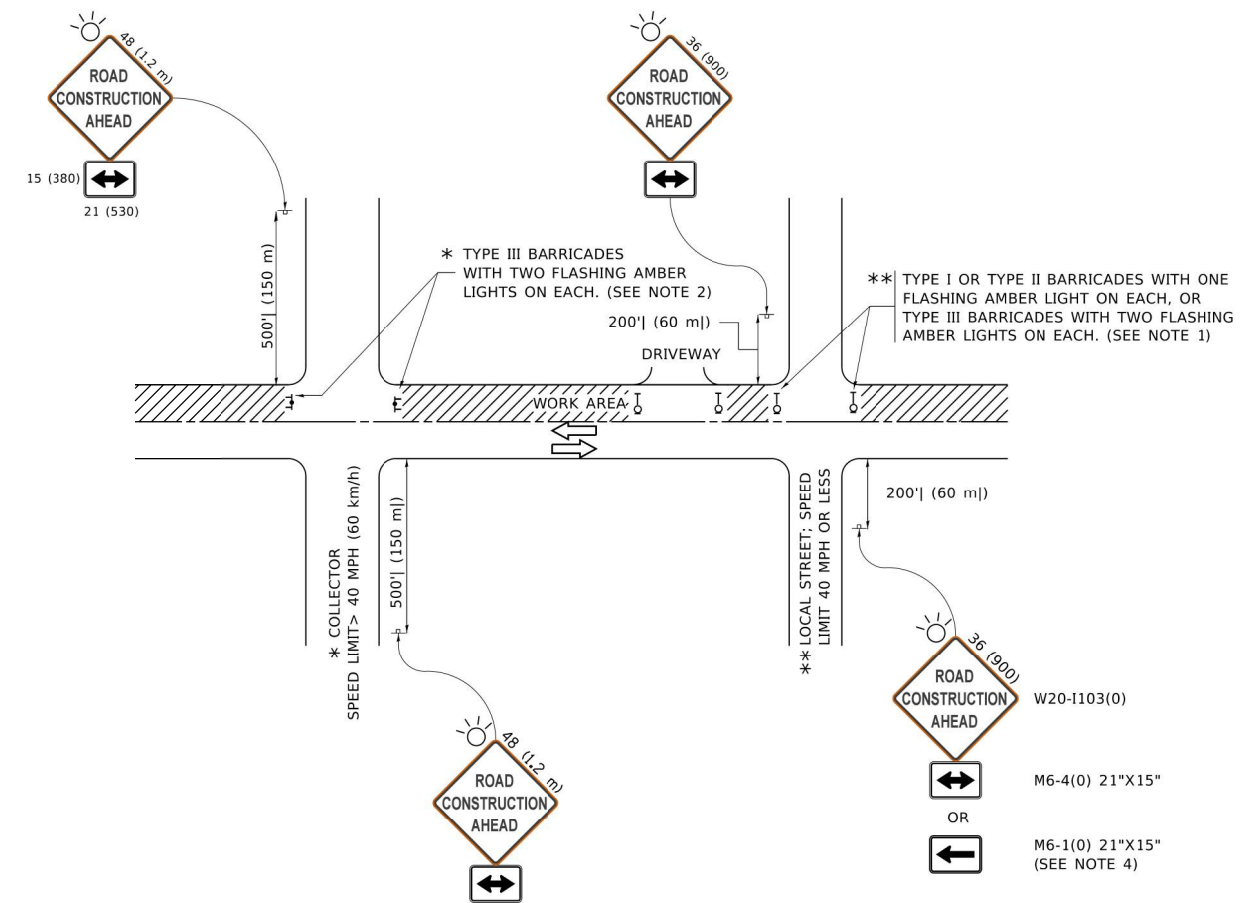
CHRISTOPHER B. BURKE ENGINEERING, LTD.
1623 W. 199th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
	DRAWN - PWN/JRS	REVISED -
PLCT SCALE = 1'	CHECKED - AJS	REVISED -
PLCT DATE = 2/14/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CEDAR ROAD AT HAVEN AVENUE
DISTRICT ONE DETAILS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	79
CONTRACT NO.			61J08	
ILLINOIS FED. AID PROJECT				



NOTES:

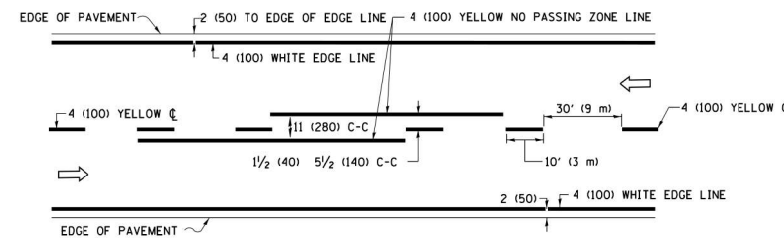
1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE 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. 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.

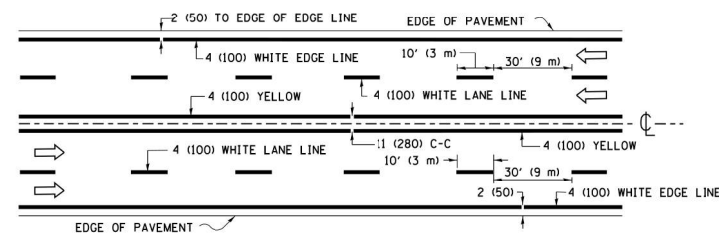
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USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HCUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN -	REVISOR - T. RAMMACHER 01-06-00	TC-10			CONTRACT NO.					
PLCT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13			ILLINOIS FED. AID PROJECT					
PLCT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.			

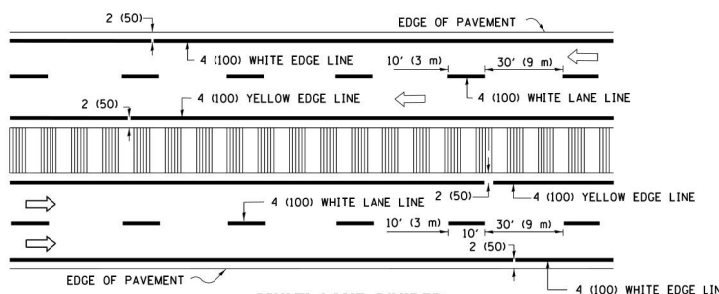
CHRISTOPHER B. BURKE ENGINEERING, LTD. 4023 W. 109th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850	USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR ROAD AT HAVEN AVENUE DISTRICT ONE DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - PWN/JRS	CHECKED - AJS	REVISED -			TC-10		CONTRACT NO.			
	PLCT SCALE = 1'	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
	PLCT DATE = 2/14/2024	DATE -	REVISED -			SCALE: N.T.S.	SHEET OF SHEETS	STA. TO STA.			



2-LANE ROADWAY

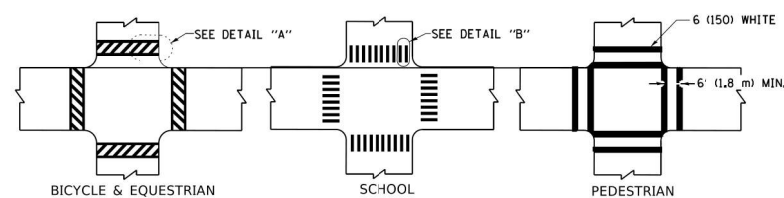


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

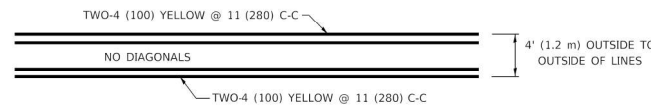


DETAIL "A"

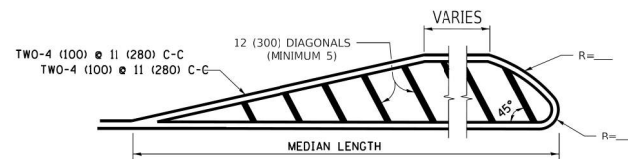
DETAIL "B"

TYPICAL CROSSWALK MARKING

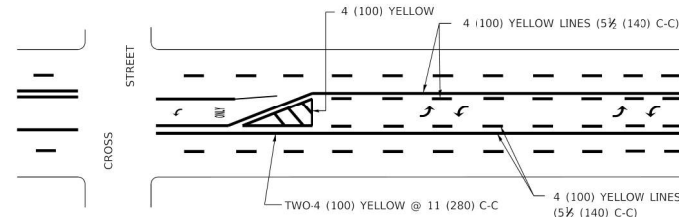
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY



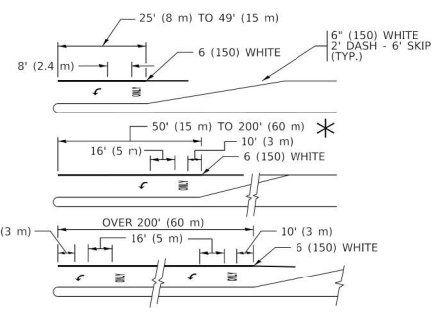
MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

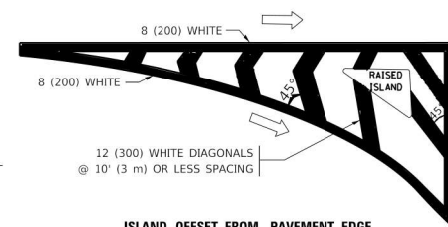


TYPICAL LEFT (OR RIGHT) TURN LANE

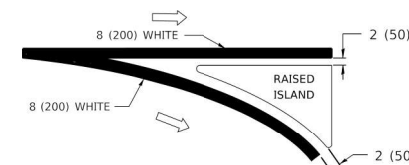
TYPICAL TURN LANE MARKING

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".

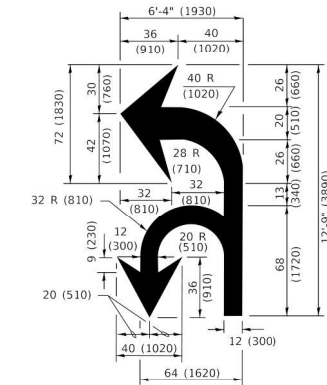


ISLAND OFFSET FROM PAVEMENT EDGE

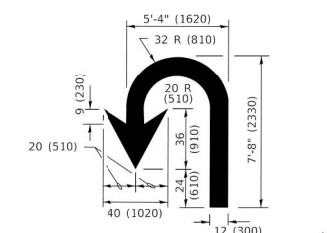


ISLAND AT PAVEMENT EDGE

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 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8 (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID	WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4 (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: NONE		SHEET 1 OF 2 SHEETS		STA. TO STA.	
DISTRICT ONE		SECTION		COUNTY	
TYPICAL PAVEMENT MARKINGS		TC-13		CONTRACT NO.	
ILLINOIS		FED. AID PROJECT		TOTAL SHEETS	
				SHEET NO.	

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
PLLOT SCALE = 1'	DRAWN - PWN/JRS	REVISED -
PLLOT DATE = 2/14/2024	CHECKED - AJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: N.T.S.		SHEET OF SHEETS		STA. TO STA.	
DISTRICT ONE		SECTION		COUNTY	
CEDAR ROAD AT HAVEN AVENUE		19-00043-00-CH		WILL	
ILLINOIS		FED. AID PROJECT		TOTAL SHEETS	
				SHEET NO.	
				CONTRACT NO. 61J08	

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

MAIN STREET
R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-2-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

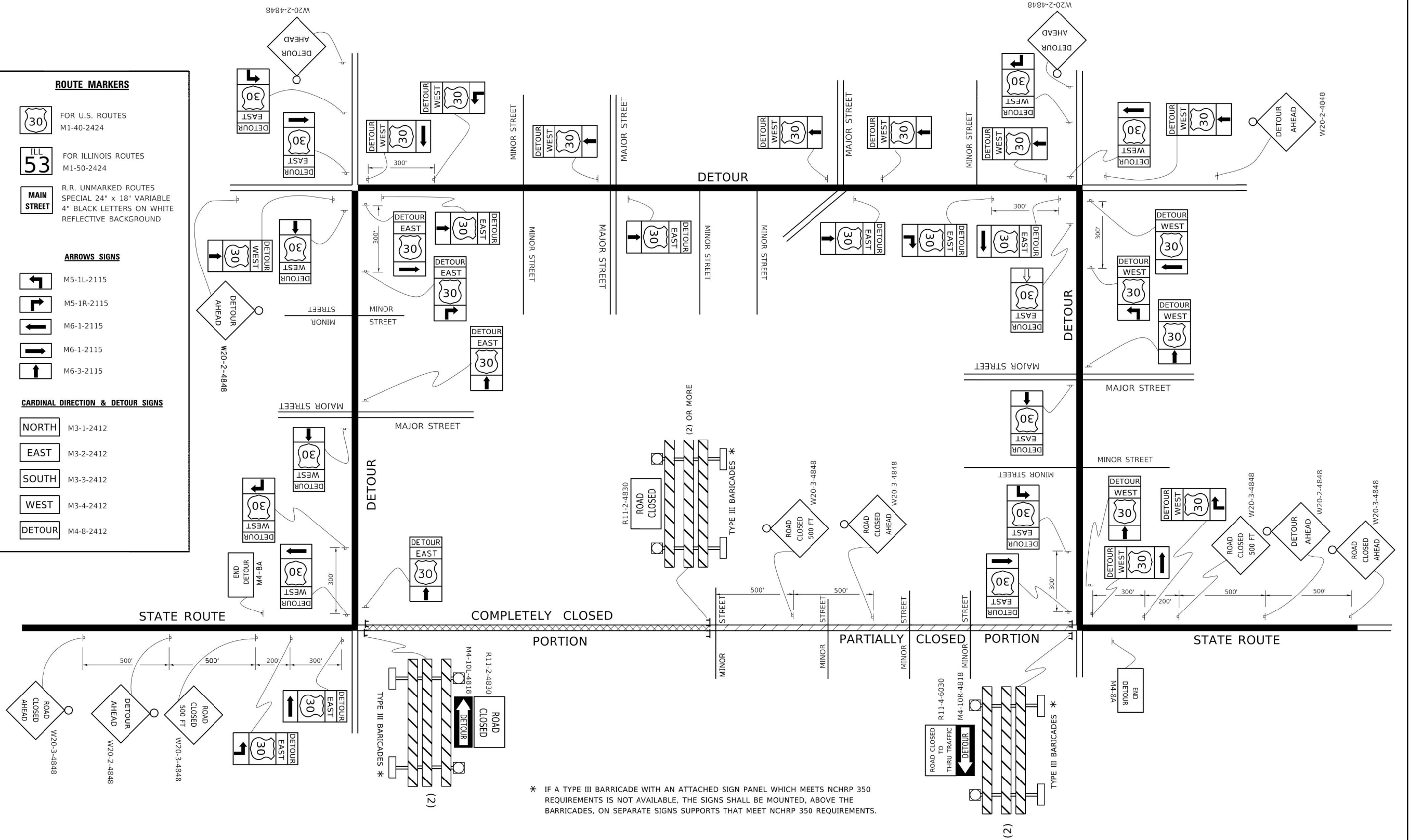
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

DETOUR M4-8-2412



* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

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PLCT SCALE = 50.0000 ' / in.	DRAWN - PWN/JRS	REVISED - R. BORO 09-14-09
PLCT DATE = 3/4/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-21			
CONTRACT NO.			ILLINOIS FED. AID PROJECT	

USER NAME = jspeelman	DESIGNED - AJS/JRS	REVISED -
PLCT SCALE = 0'	DRAWN - PWN/JRS	REVISED -
PLCT DATE = 2/14/2024	CHECKED - AJS	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

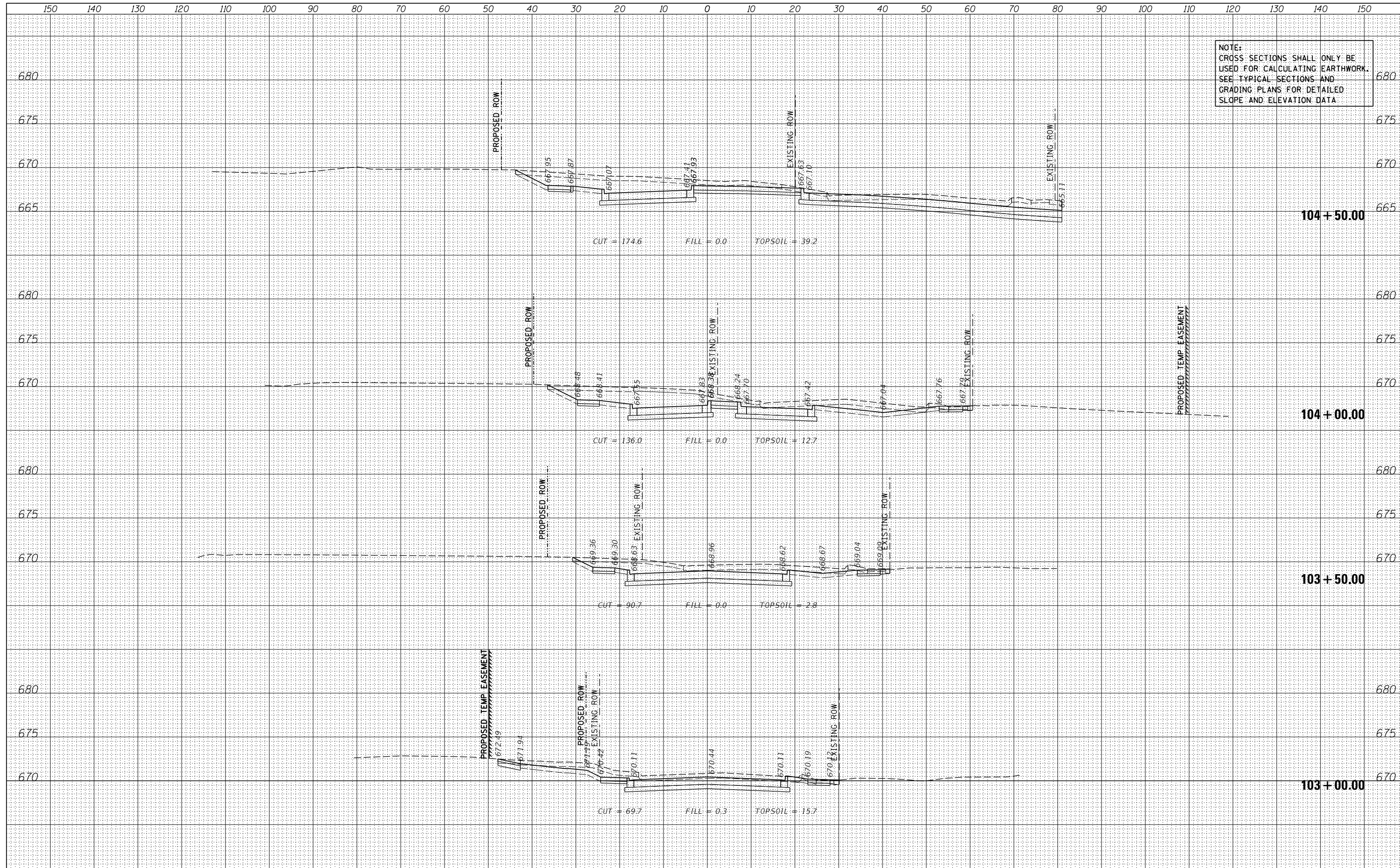
CEDAR ROAD AT HAVEN AVENUE DISTRICT ONE DETAILS			
SCALE: 0.1" = 1'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0315	19-00043-00-CH	WILL	101	82
CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT	

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

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

NOTE:
CROSS SECTIONS SHALL ONLY BE
USED FOR CALCULATING EARTHWORK.
SEE TYPICAL SECTIONS AND
GRADING PLANS FOR DETAILED
SLOPE AND ELEVATION DATA



CHRISTOPHER B. BURKE ENGINEERING, LTD.
16221 W. 159th Street, Suite 201
Lockport, Illinois 60441
(815) 770-2850

USER NAME = jspeelman	DESIGNED -	REVISED -
	DRAWN - PWN	REVISED -
	CHECKED - AJS	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CEDAR RD - CROSS SECTIONS

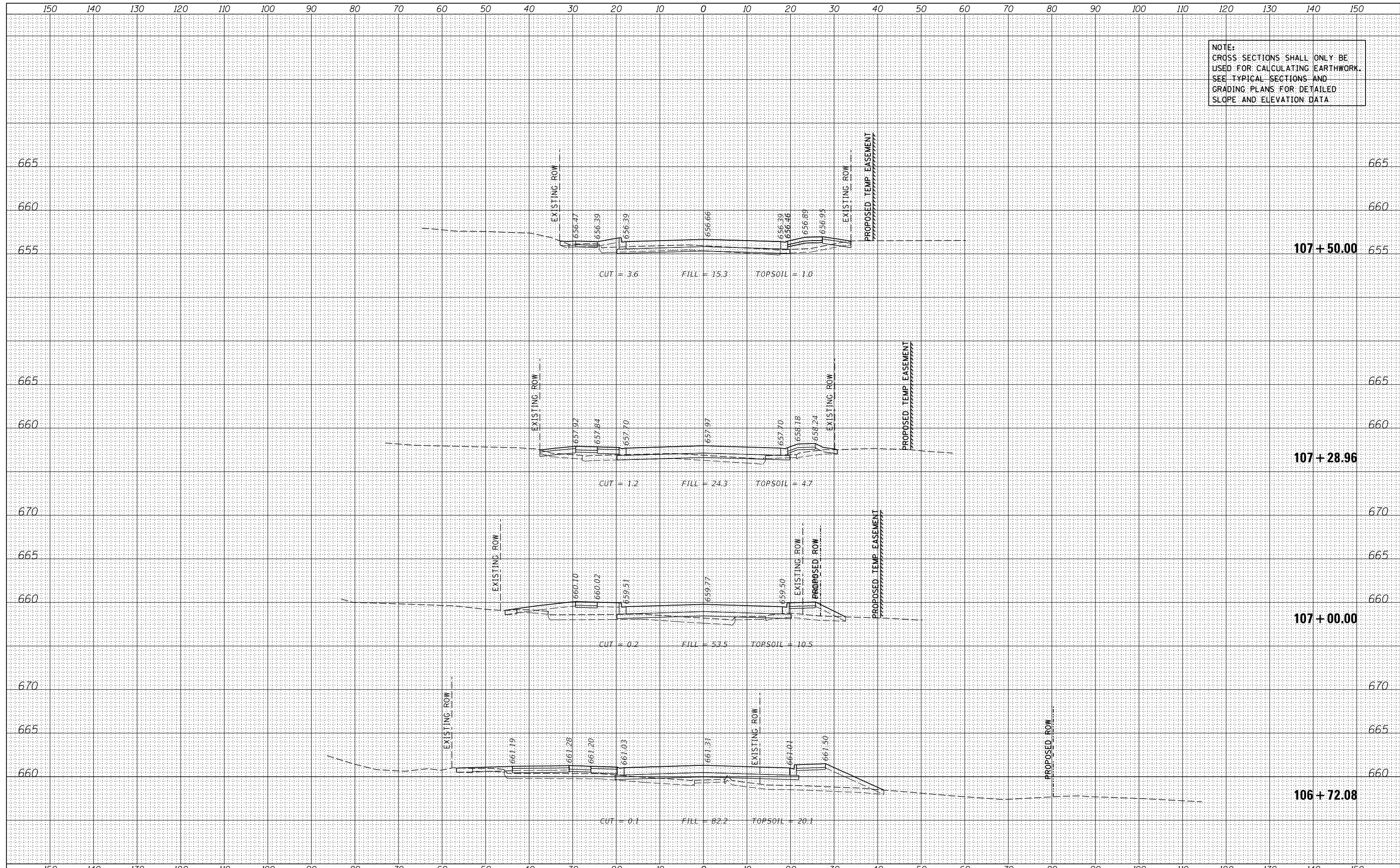
SCALE: 10' SHEET 2 OF 18 SHEETS STA. 103+00.00 TO STA. 104+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	19-00043-00-CH	WILL	101	85
CONTRACT NO. 61J08				

NOTE:
 CROSS SECTIONS SHALL ONLY BE
 USED FOR CALCULATING EARTHWORK.
 SEE TYPICAL SECTIONS AND
 GRADING PLANS FOR DETAILED
 SLOPE AND ELEVATION DATA

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

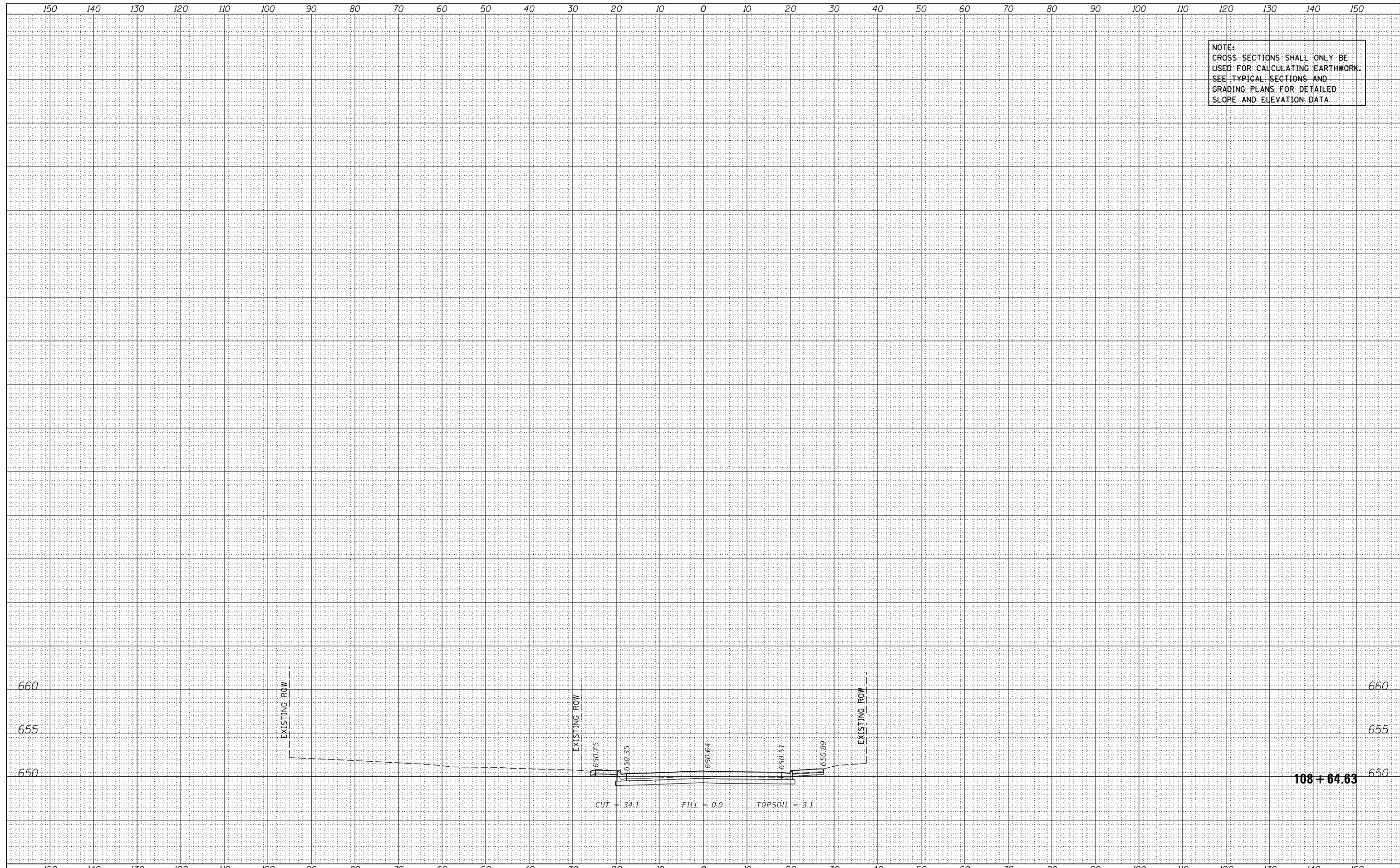


CHRISTOPHER B. BURKE ENGINEERING, LTD. 16221 W. 159th Street, Suite 201 Lockport, Illinois 60441 (815) 770-2850	USER NAME = jspeelman	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CEDAR RD - CROSS SECTIONS		F.A.U. RT. 0369	SECTION 19-00043-00-CH	COUNTY WILL	TOTAL SHEETS 101	SHEET NO. 88
	PLOT SCALE = 10'	DRAWN - PWN	REVISD -		SCALE: 10'	SHEET 5 OF 18 SHEETS	STA. 106+72.08 TO STA. 107+50.00	CONTRACT NO. 61J08			
	PLOT DATE = 2/14/2024	CHECKED - AJS	REVISD -				ILLINOIS FED. AID PROJECT				
		DATE -	REVISD -								

NOTE:
 CROSS SECTIONS SHALL ONLY BE
 USED FOR CALCULATING EARTHWORK.
 SEE TYPICAL SECTIONS AND
 GRADING PLANS FOR DETAILED
 SLOPE AND ELEVATION DATA

DATE	BY	SURVEYED	PLOTTED
		NOTE BOOK	TEMPLATE
		AREAS	CHECKED
		AREAS	CHECKED

DATE	BY	SURVEYED	PLOTTED
		NOTE BOOK	TEMPLATE
		AREAS	CHECKED
		AREAS	CHECKED



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 (815) 770-2850

USER NAME = jspeelman	DESIGNED -	REVISIED -
	DRAWN - PWN	REVISIED -
PLOT SCALE = 10'	CHECKED - AJS	REVISIED -
PLOT DATE = 2/14/2024	DATE -	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

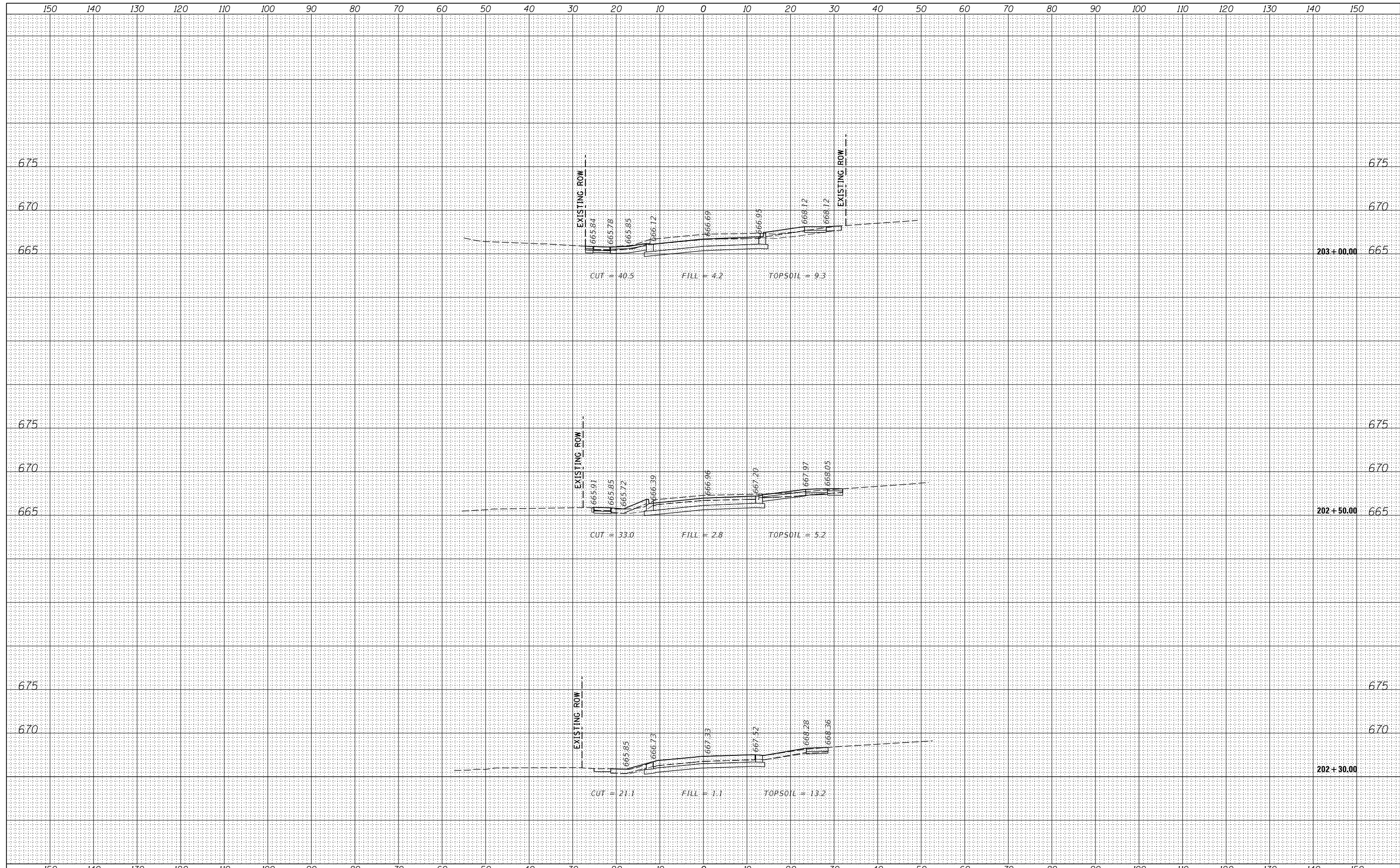
CEDAR RD - CROSS SECTIONS

SCALE: 10' SHEET 7 OF 18 SHEETS STA. 108+64.63 TO STA. 108+64.63

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	19-00043-00-CH	WILL	101	90
CONTRACT NO. 61J08			ILLINOIS FED. AID PROJECT	

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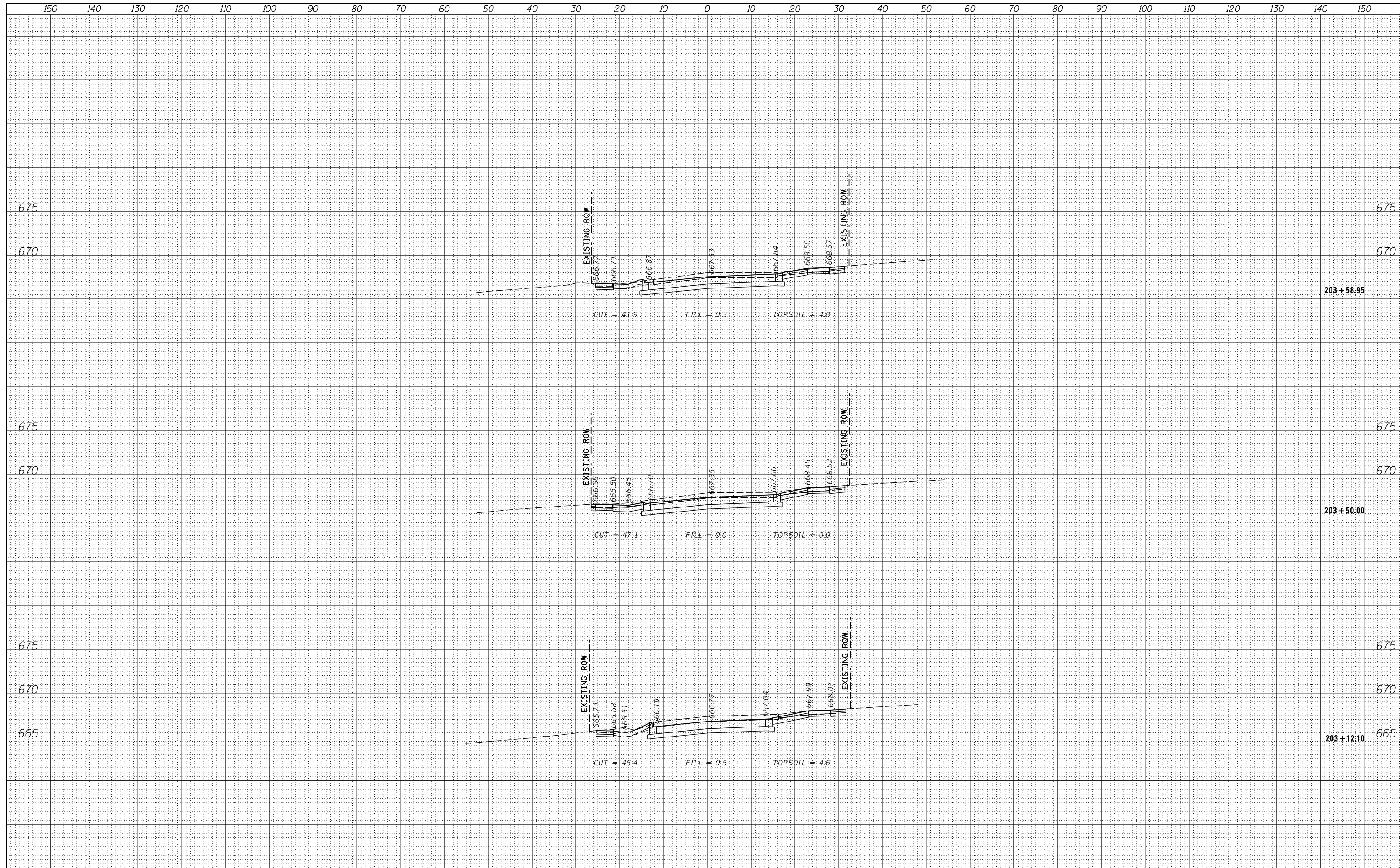
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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



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 Lockport, Illinois 60441
 (815) 770-2850

USER NAME = jspeelman	DESIGNED -	REVISED -
	DRAWN - PWN	REVISED -
PLOT SCALE = 10'	CHECKED - AJ5	REVISED -
PLOT DATE = 2/14/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

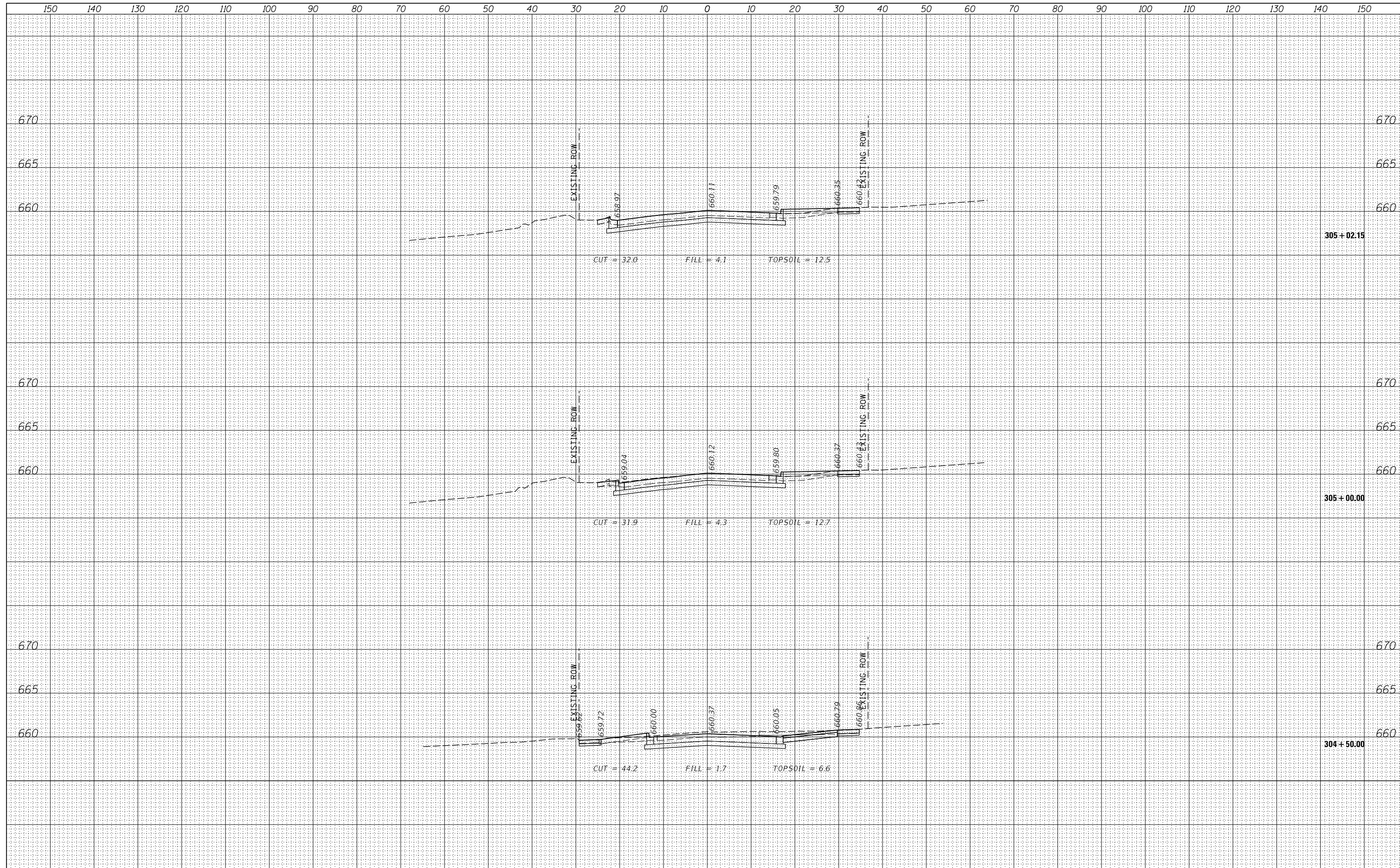
HAVEN AVE - CROSS SECTIONS

SCALE: 10' SHEET 10 OF 18 SHEETS STA. 203+12.10 TO STA. 203+58.95

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	19-00043-00-CH	WILL	101	93
CONTRACT NO. 61J08				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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



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 (815) 770-2850

USER NAME = jspeelman	DESIGNED -	REVISIED -
	DRAWN - PWN	REVISIED -
PLOT SCALE = 10'	CHECKED - AJ5	REVISIED -
PLOT DATE = 2/14/2024	DATE -	REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

HAVEN AVE - CROSS SECTIONS
 SCALE: 10' SHEET 18 OF 18 SHEETS STA. 304+50.00 TO STA. 305+02.15

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	19-00043-00-CH	WILL	101	101
CONTRACT NO. 61J08				