

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	1
		ILLINOIS	CONTRACT NO. 61H25	

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

TR ROUTE 0052 (INDIAN BOUNDARY ROAD)
OVER SPRING HOLE CREEK
SECTION 17-00064-00-BR
CULVERT REPLACEMENT
PROJECT NO. Y36A(120)
VILLAGE OF PLAINFIELD
WILL COUNTY

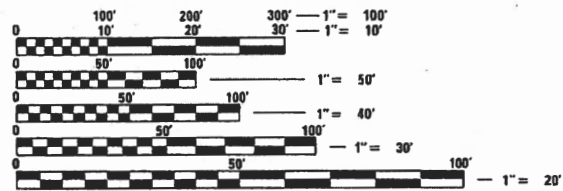
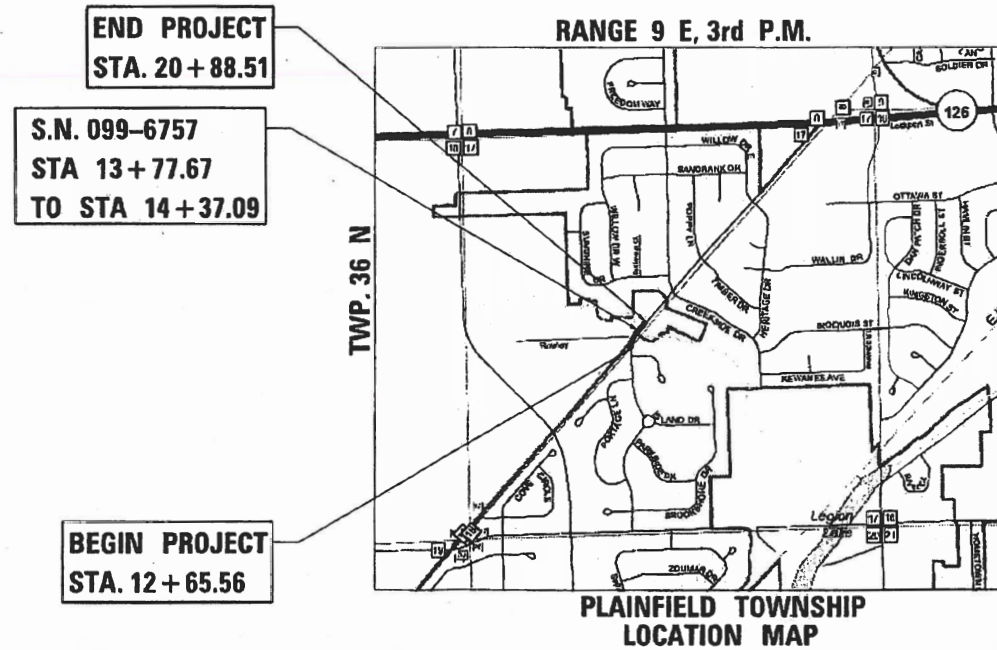
C-91-197-17

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA
INDIAN BOUNDARY ROAD: LOCAL ROAD
POSTED SPEED LIMIT = 25 MPH
DESIGN SPEED LIMIT = 30 MPH
2019 ADT = 2,050
2040 ADT = 3,700



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



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

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

SHEETS 57-63
STRAND ASSOCIATES, INC.
ANTHONY J. STANDISH, P.E., S.E.
LICENSED STRUCTURAL ENGINEER
ANTHONY J. STANDISH
081-006819
STATE OF ILLINOIS
DATE: 9/5/23 EXP: 11/30/24

SHEETS 1-56 & 64-89
STRAND ASSOCIATES, INC.
MARC A. GRIGAS
LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
DATE: 9/5/23 EXP: 11/30/23

SA
STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
1815 744-4200
IDFPR NO. 184-001273

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: *[Signature]*
TOMASZ J. TORZE, PE
VILLAGE OF PLAINFIELD, LEAD ENGINEER

PASSED: *[Signature]*
SEPT. 5, 2023
C.A. Pivale
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW: *[Signature]*
SEPT. 5, 2023
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GROSS AND NET LENGTH = 822.95 FT. = 0.156 MILE

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FILE NAME = SA\JUL\37200-3799\37665\009\Dr-avmgp\CAD\Micros\CAD00_Sheets\08\2345-sh1-rndex.dgn



USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
INDEX OF SHEETS AND STANDARDS**

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

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	2
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (STANDARD SPECIFICATIONS) ADOPTED JANUARY 1, 2022, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JAN. 1, 2023, AND THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: THE 2009, REV. 3 VERSION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" REVISED DEC. 1, 2022, AND THE 2020, 8TH EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OFF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY TO VERIFY THAT GRADE CONFLICTS WILL NOT OCCUR WITH ANY PROPOSED UTILITIES PRIOR TO CONSTRUCTION AND ORDERING ANY MATERIALS. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
4. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. 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.
5. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AS TEMP ACCESS.
6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
7. PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6 INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES DRIVEWAYS. TRANSVERSE EXPANSION JOINTS 3/4" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5 FEET.
8. A 1/2-INCH-THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB, AND AT THE JUNCTION OF THE DRIVEWAY APRON AND SIDEWALK.
9. THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY CONCRETE OR HOT-MIX ASPHALT MATERIAL DELIVERIES.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
11. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE CAUSED.
12. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.
13. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AS LISTED IN THE SPECIAL PROVISIONS PRIOR TO COMMENCEMENT OF WORK.
14. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
15. ALL TRAFFIC SIGNS, STREET SIGNS, ETC., THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND PLACED AT NEW LOCATIONS AS DESIGNATED BY THE ENGINEER. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED. CONTRACTOR IS TO PROTECT THE SIGNS AND MAILBOXES FROM DAMAGE AND THAT ANY DAMAGE INCURRED DURING THE STORAGE PERIOD SHALL BE FIXED TO THE ENGINEER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
16. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
17. DETECTABLE WARNINGS SHALL BE CONSTRUCTED WITH THE INSTALLATION OF A CAST-IN-PLACE 'ARMOR-TILE' 24"X60" NOMINAL PANEL WIDTH AS MANUFACTURED BY 'ENGINEERED PLASTICS, INC.' (800) 682 2525 OF WILLIAMSVILLE, NY. THE PANEL SHALL BE A POLYMER COMPOSITE AND COMPLY WITH ADA REQUIREMENTS. THE DOMES LOCATED ON THE PANEL SHALL PARALLEL THE PAVEMENT CROSS WALK WITH THE CLOSEST EDGE LOCATED AT THE BACK OF CURB. THE CONTRASTING PANEL COLOR SHALL BE SELECTED BY THE VILLAGE. INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
18. IN AREAS WHERE THE EXISTING DRIVEWAY, SIDEWALK, OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DIRVEWAY, SIDEWALK, OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE APPROPRIATE REMOVAL PAY ITEMS.
19. THE CONTRACTOR WILL BE REQUIRED TO USE A STEEL PLATE OR PLATES TO CLOSE ANY GAPS OCCURRING WHEN A FRAME IS OFFSET FROM THE STRUCTURE. THE STEEL PLATE SHALL BE 1/2" THICK AND APPROXIMATELY 6-INCH WIDE BY 24-INCH LONG. SOME ADJUSTMENT IN SIZE MAY BE NECESSARY TO PREVENT THE STEEL PLATE FROM OVERHANGING THE OUTSIDE OF THE STRUCTURE WALL. THE STEEL PLATE SHALL BE BEDDED IN AND COVERED WITH MORTAR.
20. THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER CURB AND GUTTER TERMINATES WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
21. ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
22. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER.
23. THOSE SEEKING THE FULL HYDRAULIC REPORT SHOULD CONTACT THE OWNER OF RECORD. TO MAKE ARRANGEMENTS FOR ACCESS TO THIS INFORMATION PLEASE CONTACT: TOMASZ J. TOPOR, P.E., LEAD ENGINEER
AGENCY: VILLAGE OF PLAINFIELD
PHONE NUMBER: 815-230-2043
24. IN ALL INSTANCES WHERE PAVEMENT SAW CUTS ARE REQUIRED, THEY SHALL BE CUT AT LANE LINES AND PERPENDICULAR TO THE DIRECTION OF TRAFFIC.
25. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
26. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES DURING AND AFTER CONSTRUCTION.
27. 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. CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THEM. CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT ROADSIDE DRAINAGE SYSTEM IS BUILT AND IN SERVICE.
28. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENT SHALL BE AS DIRECTED BY THE ENGINEER. PROPOSED RIM ELEVATIONS SHOWN FOR DRAINAGE STRUCTURES IN THE GUTTER REFERENCE THE PROPOSED EDGE OF PAVEMENT ELEVATION.
29. UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON THE DRAWINGS ARE TO THE EDGE OF PAVEMENT FOR GRATES IN THE CURB AND GUTTER AND TO THE CENTER OF THE GRATE/LID FOR ALL OTHER STRUCTURES. LOCATIONS SHOWN FOR FLARED END SECTIONS ARE AT THE CENTER END/OPENING OF THE END SECTION. FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTER LINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS. ALL FLAT TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
30. THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.
31. PROPOSED STORM SEWER PIPE LENGTHS IN THE DRAINAGE SCHEDULES ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE OR FROM CENTER OF STRUCTURE TO END OF PRECAST CONCRETE FLARED END SECTION.
32. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
35. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
36. WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
37. EXISTING WATER MAIN LOCATION AND DEPTHS SHOWN ON THE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATION AS NECESSARY TO DETERMINE THE EXISTING LOCATION, DEPTH, MATERIAL, AND SIZE OF WATER MAIN.
38. ALL DUCTILE IRON WATER MAIN SHALL BE DUCTILE IRON CLASS 52, DESIGNED IN ACCORDANCE WITH ANSI/AWWA C151/A21.51. EXTERIOR OF PIPE SHALL HAVE A LAYER OF ARC-SPRAYED ZINC IN ACCORDANCE WITH ISO 8179, AND A BITUMINOUS COATING, AS SPECIFIED IN AWWA C151. INNER SURFACES OF ALL DUCTILE IRON WATER PIPE SHALL HAVE A CEMENT MORTAR LINING IN ACCORDANCE WITH THE REQUIREMENTS OF AWWA C104.
39. ALL JOINTS SHALL BE DUCTILE IRON WITH GASKETED BELL AND SPIGOT TYPE PUSH-ON TYTON JOINTS OR MECHANICAL JOINTS IN ACCORDANCE WITH ANSI/AWWA C111/A21.11. ALL WATER MAIN PIPE FITTINGS SHALL BE DUCTILE IRON CLASS 350 PSI CONFORMING TO REQUIREMENTS OF ANSI/AWWA C153/A21.53 AND ANSI/AWWA C111/A21.11.
40. CONTRACTOR SHALL BE ALLOWED CHOICE OF TRENCHLESS CONSTRUCTION TECHNIQUE WHERE REQUIRED FOR TRENCHLESS DUCTILE IRON WATER MAIN INSTALLATION. DUCTILE IRON PIPE INSTALLED VIA HORIZONTAL DIRECTIONAL DRILLING SHALL HAVE LOW PROFILE FLEXIBLE RESTRAINED JOINTS APPROPRIATE FOR HORIZONTAL DIRECTIONAL DRILLING OF DUCTILE IRON PIPE MEETING APPLICABLE REQUIREMENTS OF ANSI/AWWA C111/A21.11 SUCH AS FLEX-RING OR TR FLEX.
41. ALL WATER MAIN FITTINGS SHALL HAVE A CEMENT MORTAR LINING IN ACCORDANCE WITH THE REQUIREMENTS OF ANSI/AWWA C104/A21.4.
42. "MEGA-LUG" RETAINERS SHALL BE USED AT ALL CONNECTIONS OF WATER MAINS TO BENDS, TEES, CROSSES, REDUCERS, AND OTHER FITTINGS. ALL MECHANICAL JOINTS SHALL HAVE A MINIMUM OF SIX (6) SACRIFICIAL- NUTS. THE NUMBER OF PIPES FOR RESTRAINT SHALL BE IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS, OR MANUFACTURER RECOMMENDATIONS, WHICHEVER IS GREATER.
43. THE VILLAGE OF PLAINFIELD IS SOLELY RESPONSIBLE FOR OPENING ALL WATER VALVES AND FIRE HYDRANTS ON THE PROJECT.
44. A 48 HOUR NOTICE IS REQUIRED PRIOR TO ANY WATER SHUT OFF TO NOTIFY AFFECTED AREAS. CONTRACTOR TO NOTIFY PUBLIC WORKS AT (815) 436-3577, 48 HOURS IN ADVANCE OF ANY REQUIRED OPERATIONS.
45. MATERIALS FOR STORM SEWER / WATER MAIN QUALITY PIPE AND JOINTS SHALL MEET THE REQUIREMENTS FOR DUCTILE IRON PIPE, CLASS 52 OR PVC C-900 PIPE AS CONTAINED IN THE TECHNICAL SPECIFICATIONS AND ABOVE GENERAL NOTES.
46. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR1.
47. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
48. 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.
49. CONTRACTOR SHALL PROTECT AND NOT DISTURB THE PLAY SET ON THE PARK DISTRICT PROPERTY WITHIN THE TEMPORARY CONSTRUCTION EASEMENT.

PHASE I COMMITMENTS

1. THE VILLAGE WILL EXTEND PROPOSED SIDEWALK ON THE WEST SIDE OF INDIAN BOUNDARY ROAD FROM THE EXISTING SIDEWALK AT INDIAN BOUNDARY COURT TO WEST ROWLEY ROAD AS PART OF A SEPARATE VILLAGE PROJECT.
2. THE VILLAGE WILL ACQUIRE A PERMANENT DRAINAGE EASEMENT FROM THE PLAINFIELD PARK DISTRICT TO PERFORM FUTURE MAINTENANCE ON THE STREAMBANK STABILIZATION OF THE SPRING HOLE CREEK THAT IS WITHIN THE MATHER WOODS PARK.
3. THE EXISTING MULTI-USE PATH WITHIN THE TEMPORARY CONSTRUCTION EASEMENT IN MATHER WOODS PARK WILL BE REMOVED AND REPLACED.
4. WINGWALLS TO THE PROPOSED STRUCTURE WILL HAVE FORMLINER WITH COLORED AND STAMPED CONCRETE. A DECORATIVE RAILING WILL BE MOUNTED ON TOP TO ENHANCE THE AESTHETICS OF THE STRUCTURE.
5. PROPOSED SIDEWALK ON THE LEFT SIDE OF INDIAN BOUNDARY ROAD WILL BE CONNECTED TO THE EXISTING SIDEWALK AT THE INTERSECTION OF INDIAN BOUNDARY COURT.
6. TREES THREE (3) INCHES IN DIAMETER AT BREST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH SEPTEMBER 30TH OF ANY GIVEN YEAR.

FILE NAME = S:\JDL\37200--3799\37665\009\Dr-armpgs\CAD\Micros\CAD00_Sheets\0812345-sh1-gennote.dgn



1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = jackd MODEL NAME = Default PLOT SCALE = 2.0000' / in. PLOT DATE = 9/5/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDIAN BOUNDARY ROAD GENERAL NOTES		TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	89	3
					CONTRACT NO. 61H25	
ILLINOIS FED. AID PROJECT						

FILE NAME = E:\JUL\3728--3799\3765\BPP\Drawings\CAD\Micros\CAD Sheets\012345-ht-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004		CULVERT REPLACEMENT S.N. 099-6757 0010		STREET LIGHTING 0021		TRAINEES 0042
				100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED		
				URBAN	URBAN	URBAN	URBAN	URBAN		
+ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	347	214	133					
+ 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	28	28						
+ 20100500	TREE REMOVAL, ACRES	ACRE	.50	.25	.25					
20101000	TEMPORARY FENCE	FOOT	90	90						
+ 20101100	TREE TRUNK PROTECTION	EACH	9		9					
+ 20101200	TREE ROOT PRUNING	EACH	3		3					
+ 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	3	2	1					
+ 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	9		9					
20200100	EARTH EXCAVATION	CU YD	3,177	1,757	1,420					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	270	270						
20300100	CHANNEL EXCAVATION	CU YD	480			480				
20700220	POROUS GRANULAR EMBANKMENT	CU YD	350			350				
20800150	TRENCH BACKFILL	CU YD	545	295	250					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	551	365		186				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	7,015.00	4,705.00	2,310					

+ INDICATES SPECIALTY ITEM



USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/25/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
SUMMARY OF QUANTITIES

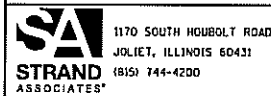
SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-0064-00-BR	WILL	89	4
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	ROADWAY 0004	CULVERT REPLACEMENT S.N. 099-6757 0010	STREET LIGHTING 0021	TRAINEES 0042
				100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED
				URBAN	URBAN	URBAN	URBAN	URBAN
+ 25000100	SEEDING, CLASS 1	ACRE	.25	.25				
+ 25000110	SEEDING, CLASS 1A	ACRE	1.00	.50	.50			
+ 25000115	SEEDING, CLASS 1B	ACRE	.50	.50				
+ 25000314	SEEDING, CLASS 4B	ACRE	.25	.25				
+ 25000324	SEEDING, CLASS 5B	ACRE	.25	.25				
+ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	204	204				
+ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	204	204				
+ 25100900	TURF REINFORCEMENT MAT	SQ YD	250			250		
+ 25200110	SODDING, SALT TOLERANT	SQ YD	365	195	170			
+ 25200200	SUPPLEMENTAL WATERING	UNIT	20	20				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	290	195	95			
28000305	TEMPORARY DITCH CHECKS	FOOT	228	154	74			
28000400	PERIMETER EROSION BARRIER	FOOT	2,075	1,180	895			
28000510	INLET FILTERS	EACH	19	9	10			
28001000	AGGREGATE (EROSION CONTROL)	TON	14			14		

+ INDICATES SPECIALTY ITEM

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PLOT DATE = 9/25/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
SUMMARY OF QUANTITIES

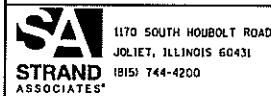
SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	5
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	ROADWAY 0004	CULVERT REPLACEMENT S.N. 099-6757 0010	STREET LIGHTING 0021	TRAINEES 0042
				100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED
				URBAN	URBAN	URBAN	URBAN	URBAN
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	7,015	4,705	2,310			
28100109	STONE RIPRAP, CLASS A5	SO YD	770			770		
28200200	FILTER FABRIC	SO YD	840			840		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	270	270				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	3,810	1,640	2,170			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	555	255	300			
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	89	7	82			
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	115	115				
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	151	29	122			
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,890	3,350	4,540			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	915	405	510			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	73	22	51			
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	749	327	422			
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	397	186	211			
42001300	PROTECTIVE COAT	SO YD	388	130	258			

+ INDICATES SPECIALTY ITEM

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PLOT DATE = 9/25/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
SUMMARY OF QUANTITIES

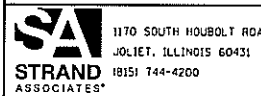
SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	6
				CONTRACT NO. 61H25
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	ROADWAY 0004	CULVERT REPLACEMENT S.N. 099-6757 0010	STREET LIGHTING 0021	TRAINEES 0042
				100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED
				URBAN	URBAN	URBAN	URBAN	URBAN
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	89	7	82			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4,980	2,280	2,700			
42400800	DETECTABLE WARNINGS	SO FT	106	66	40			
44000100	PAVEMENT REMOVAL	SO YD	2,620	1,150	1,470			
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	393	138	255			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	411	136	275			
44000600	SIDEWALK REMOVAL	SO FT	1,198	323	875			
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1			1		
50105220	PIPE CULVERT REMOVAL	FOOT	127	89	38			
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	93			93		
50300285	FORM LINER TEXTURED SURFACE	SQ FT	810			810		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	57,950			57,950		
+ 50900805	PEDESTRIAN RAILING	FOOT	64			64		
+ 50901720	BICYCLE RAILING	FOOT	58	58				
+ 50901750	PARAPET RAILING	FOOT	47			47		

+ INDICATES SPECIALTY ITEM

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PLOT SCALE = 2.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 9/25/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
SUMMARY OF QUANTITIES

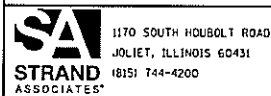
SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	7
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004		CULVERT REPLACEMENT S.N. 099-6757 0010		STREET LIGHTING 0021		TRAINEES 0042	
				100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED	100% LOCAL
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
51500100	NAME PLATES	EACH	1			1					
54003000	CONCRETE BOX CULVERTS	CU YD	238			238					
54205050	PIPE CULVERTS, SPECIAL 15"	FOOT	35	35							
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3							
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	578	137	441						
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	238	153	85						
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	62	62							
+ 56103300	DUCTILE IRON WATER MAIN 12"	FOOT	618	351	267						
+ 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	2	1	1						
+ 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2	1	1						
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1		1						
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	64	32	32						
60108400	PIPE UNDERDRAINS 10" (SPECIAL)	FOOT	20		20						
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1							
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	8	8							

+ INDICATES SPECIALTY ITEM

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PLOT DATE = 9/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
SUMMARY OF QUANTITIES**

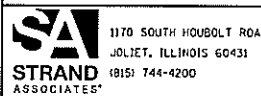
SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	8
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004		CULVERT REPLACEMENT S.N. 099-6757 0010		STREET LIGHTING 0021		TRAINEES 0042	
				100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED	100% LOCAL		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	3	3							
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7							
60235300	INLETS, TYPE A, TYPE 1 FRAME, CLOSED LID	EACH	1	1							
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1							
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	5	5							
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	1			1					
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	1	2						
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,696	696.0	1,000.0						
63200310	GUARDRAIL REMOVAL	FOOT	81	81							
+ 66500105	WOVEN WIRE FENCE, 4'	FOOT	10	10							
67100100	MOBILIZATION	L SUM	1	1							
+ 72000100	SIGN PANEL - TYPE 1	SQ FT	62	62							
+ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	9	8	1						
+ 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4		4						
+ 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	1	1							

+ INDICATES SPECIALTY ITEM

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PLOT DATE = 9/25/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
SUMMARY OF QUANTITIES

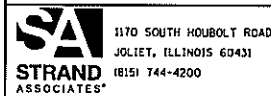
SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	9
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	ROADWAY 0004	CULVERT REPLACEMENT S.N. 099-6757 0010	STREET LIGHTING 0021	TRAINEES 0042
				100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED
				URBAN	URBAN	URBAN	URBAN	URBAN
+ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	68	68				
+ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,796	897	899			
+ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	430	186	244			
+ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	209	209				
+ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48	16	32			
+ 78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	185	100	85			
+ 81028180	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA.	FOOT	265				265	
+ 81603034	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	880				880	
+ A2002314	TREE, BETULA NIGRA (RIVER BIRCH), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	11	11				
+ A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	11	7	4			
+ A2007816	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	1	4			
+ B2000566	TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	2	1	1			
+ B2000766	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	7	5	2			
+ C2001420	SHRUB, CORNUS AMOMUM INDIGO (INDIGO SILKY DOGWOOD), 2'-6" HEIGHT, BALLED AND BURLAPPED	EACH	26	26				
+ D2001948	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 4' HEIGHT, BALLED AND BURLAPPED	EACH	10	8	2			

+ INDICATES SPECIALTY ITEM

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PLOT DATE = 9/25/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	10
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004		CULVERT REPLACEMENT S.N. 099-6757 0010		STREET LIGHTING 0021		TRAINEES 0042	
				100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED	100% LOCAL
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
X0326671	CONCRETE SURFACE COLOR TREATMENT	SO FT	810			810					
X0327301	RELOCATE EXISTING MAILBOX	EACH	2		2						
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SO YD	180			180					
+ X1200130	GATE VALVE 12" WITH VAULT, 5' DIAMETER	EACH	3	1	2						
+ X2511630	EROSION CONTROL BLANKET (SPECIAL)	SO YD	6,120	3,995	2,125						
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	5	1	4						
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1		1						
X4023000	TEMPORARY ACCESS (ROAD)	EACH	3	1	2						
X4024100	TEMPORARY ACCESS (WINTERIZE)	SO YD	240	36	204						
+ X5630012	CUT AND CAP EXISTING 12" WATER MAIN	EACH	2	1	1						
+ X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	2	1	1						
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1							
+ XX006834	ELECTRICAL CONNECTION TO EXISTING LIGHTING SYSTEM	EACH	1					1			
+ XX007795	REINFORCED CONCRETE LIGHT POLE, SPECIAL	EACH	9					9			
+ XX009302	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	9					9			

+ INDICATES SPECIALTY ITEM

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PLOT SCALE = 2.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 9/25/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
SUMMARY OF QUANTITIES**

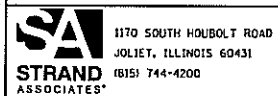
SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	11
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	ROADWAY 0004	CULVERT REPLACEMENT S.N. 099-6757 0010	STREET LIGHTING 0021	TRAINEES 0042
				100% FED	100% LOCAL	100% FED	100% LOCAL	100% FED
				URBAN	URBAN	URBAN	URBAN	URBAN
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	1		1			
Z0019600	DUST CONTROL WATERING	UNIT	20	10	10			
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52				
Z0054400	ROCK FILL	CU YD	93			93		
+ Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	2				
Z0076600	TRAINEES	HOUR	500					500
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500					500
+ XX009604	TRENCHLESS COUNSTRUCTION OF DUCTILE IRON WATER MAIN 12"	FOOT	205		205			

+ INDICATES SPECIALTY ITEM

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PLOT DATE = 9/25/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
SUMMARY OF QUANTITIES

SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	12
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

EARTHWORK SCHEDULE							
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	CHANNEL EXCAVATION	FURNISHED EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
						EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	UNDERCUT AND OTHER UNSUITABLE MATERIAL
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
INDIAN BOUNDARY ROAD							
11+00.00	11+50.00	14.15	12.03	0.00	0.00	12.03	0.00
11+50.00	12+00.00	29.30	24.90	0.00	0.00	24.90	0.00
12+00.00	12+50.00	31.24	26.55	0.00	0.00	26.55	0.00
12+50.00	12+65.57	20.39	17.33	0.06	0.00	17.27	0.00
12+65.57	13+00.00	103.27	87.78	0.13	0.00	87.64	0.00
13+00.00	13+03.50	14.30	12.15	0.00	0.00	12.15	0.00
13+03.50	13+50.00	225.99	192.10	34.75	0.00	157.35	0.00
13+50.00	14+00.00	191.16	162.49	103.64	0.00	58.85	0.00
14+00.00	14+09.00	20.55	17.47	23.05	0.00	-5.58	0.00
14+09.00	14+50.00	224.46	190.79	105.82	0.00	84.97	57.96
14+50.00	14+73.71	190.40	161.84	75.94	0.00	85.90	67.04
14+73.71	15+00.00	180.86	153.73	89.39	0.00	64.34	74.33
15+00.00	15+50.00	286.26	243.32	148.43	0.00	94.89	70.69
15+50.00	15+79.95	139.24	118.36	67.16	0.00	51.20	0.00
15+79.95	16+00.00	69.61	59.17	36.47	0.00	22.70	0.00
16+00.00	16+50.00	144.10	122.48	90.78	0.00	31.70	0.00
16+50.00	17+00.00	147.99	125.79	62.15	0.00	63.64	0.00
17+00.00	17+50.00	171.12	145.45	29.54	0.00	115.91	0.00
17+50.00	17+84.61	105.07	89.31	5.59	0.00	83.72	0.00
17+84.61	17+86.42	4.16	3.53	0.00	0.00	3.53	0.00
17+86.42	18+00.00	35.10	29.84	1.69	0.00	28.15	0.00
18+00.00	18+05.76	16.43	13.97	1.41	0.00	12.55	0.00
18+05.76	18+50.00	139.41	118.49	6.90	0.00	111.60	0.00
18+50.00	18+93.33	147.75	125.59	1.74	0.00	123.85	0.00
18+93.33	19+00.00	21.72	18.46	0.09	0.00	18.37	0.00
19+00.00	19+50.00	153.07	130.11	1.41	0.00	128.70	0.00
19+50.00	20+00.00	132.10	112.28	3.55	0.00	108.74	0.00
20+00.00	20+37.13	75.59	64.25	2.42	0.00	61.83	0.00
20+37.13	20+50.00	25.59	21.75	0.86	0.00	20.89	0.00
20+50.00	20+88.37	87.92	74.73	1.98	0.00	72.75	0.00
20+88.37	21+00.00	13.53	11.50	0.00	0.00	11.50	0.00
MULTI-USE PATH		15.37	13.06	0.00	0.00	0.00	0.00
STREAMBANK STABILIZATION		0.00	0.00	0.00	480.00	480.00	0.00
TOTALS		3,177	2,701	895	480	2,273	270

FILE NAME = SA\JUL\37200-3799\3766\009\Dr-armpg\CAD\Micros\CAD00_Sheets\08\2365-sht-schedule.dgn



USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

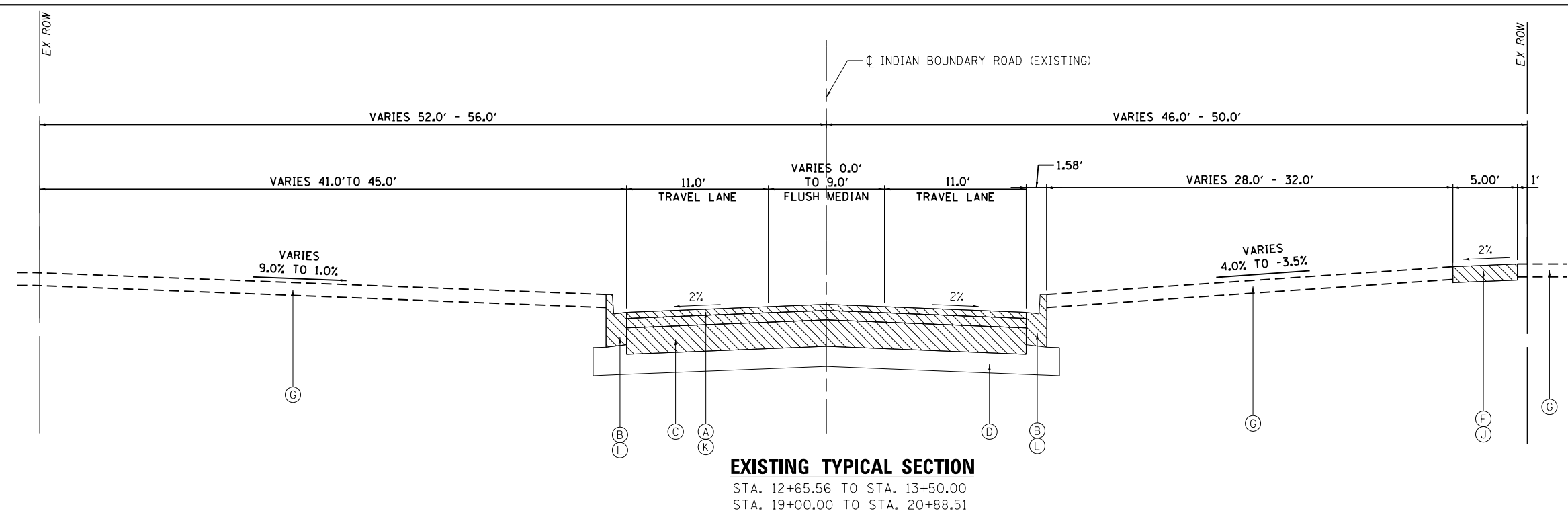
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
SCHEDULE OF QUANTITIES

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

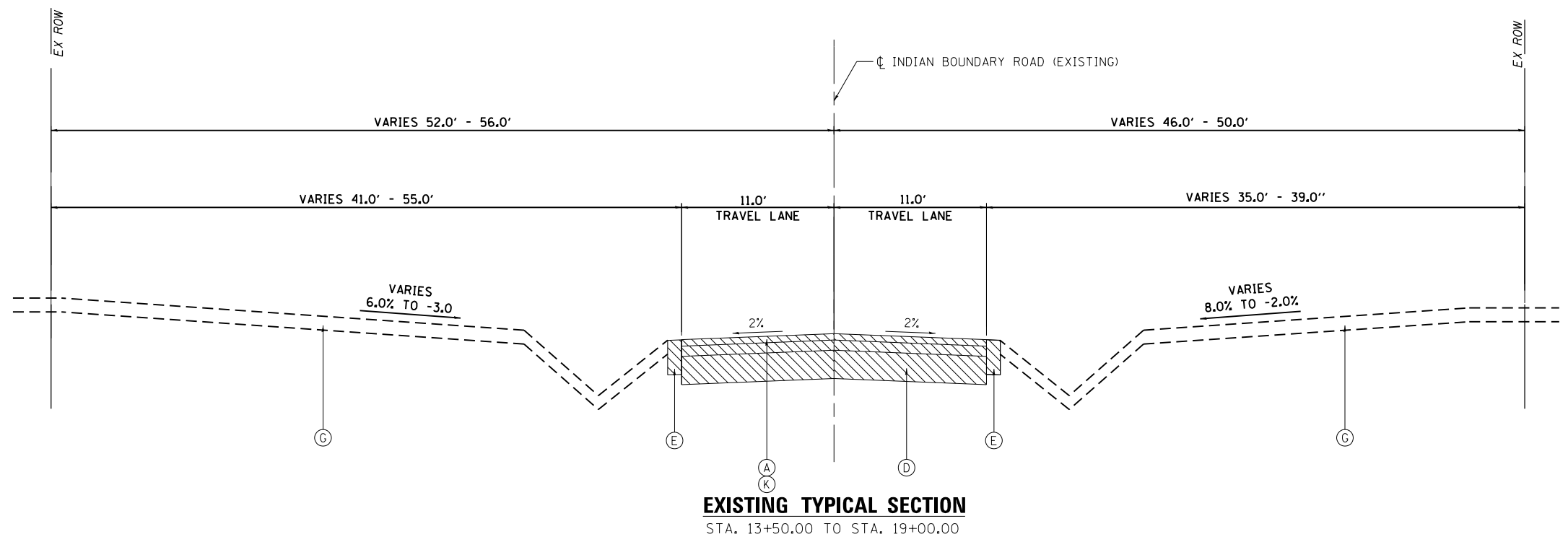
TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	13
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

FILE NAME = SA\JUL\37700-3799\37665\009\Dr\armpg\CAD\Micros\CADD_Sheets\08\2345-sh1-typical.dgn



EXISTING TYPICAL SECTION
 STA. 12+65.56 TO STA. 13+50.00
 STA. 19+00.00 TO STA. 20+88.51

- EXISTING LEGEND**
- (A) 4" - 8.5" HMA PAVEMENT
 - (B) COMBINATION CURB AND GUTTER
 - (C) 8" BITUMINOUS AGGREGATE MATERIALS
 - (D) 5" - 10" AGGREGATE SUBGRADE IMPROVEMENT
 - (E) AGGREGATE SHOULDER
 - (F) PORTLAND CEMENT CONCRETE SIDEWALK
 - (G) GROUND
 - (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- REMOVAL LEGEND**
- (I) REMOVAL ITEM
 - (J) SIDEWALK REMOVAL
 - (K) PAVEMENT REMOVAL
 - (L) COMBINATION CURB AND GUTTER REMOVAL



EXISTING TYPICAL SECTION
 STA. 13+50.00 TO STA. 19+00.00


USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

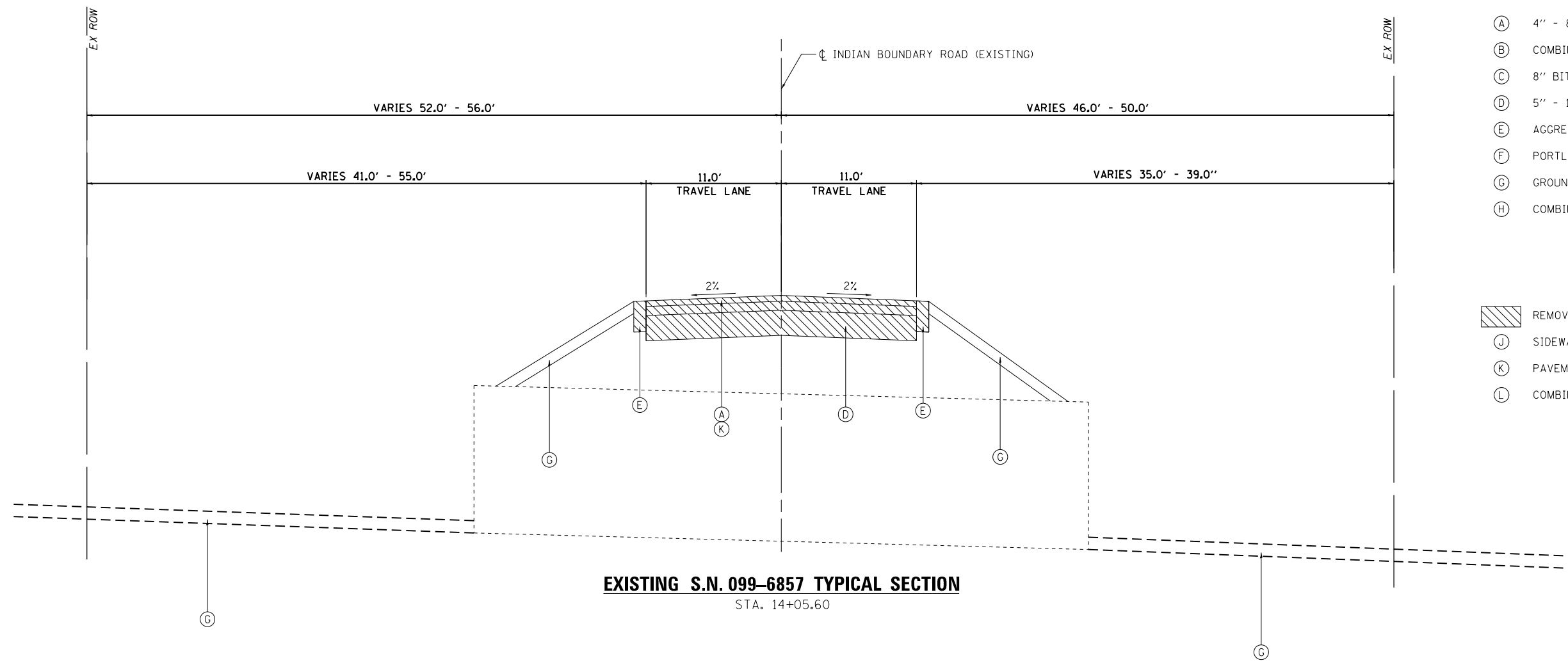
TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	14
			CONTRACT NO. 61H25	
ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

- (A) 4" - 8.5" HMA PAVEMENT
- (B) COMBINATION CURB AND GUTTER
- (C) 8" BITUMINOUS AGGREGATE MATERIALS
- (D) 5" - 10" AGGREGATE SUBGRADE IMPROVEMENT
- (E) AGGREGATE SHOULDER
- (F) PORTLAND CEMENT CONCRETE SIDEWALK
- (G) GROUND
- (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

REMOVAL LEGEND

-  REMOVAL ITEM
- (J) SIDEWALK REMOVAL
- (K) PAVEMENT REMOVAL
- (L) COMBINATION CURB AND GUTTER REMOVAL



FILE NAME = SA\JUL\37200-3799\37665\009\Drawings\CADD\Micros\CADD_Sheets\08\2345-sh1-typical.dgn

SA STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

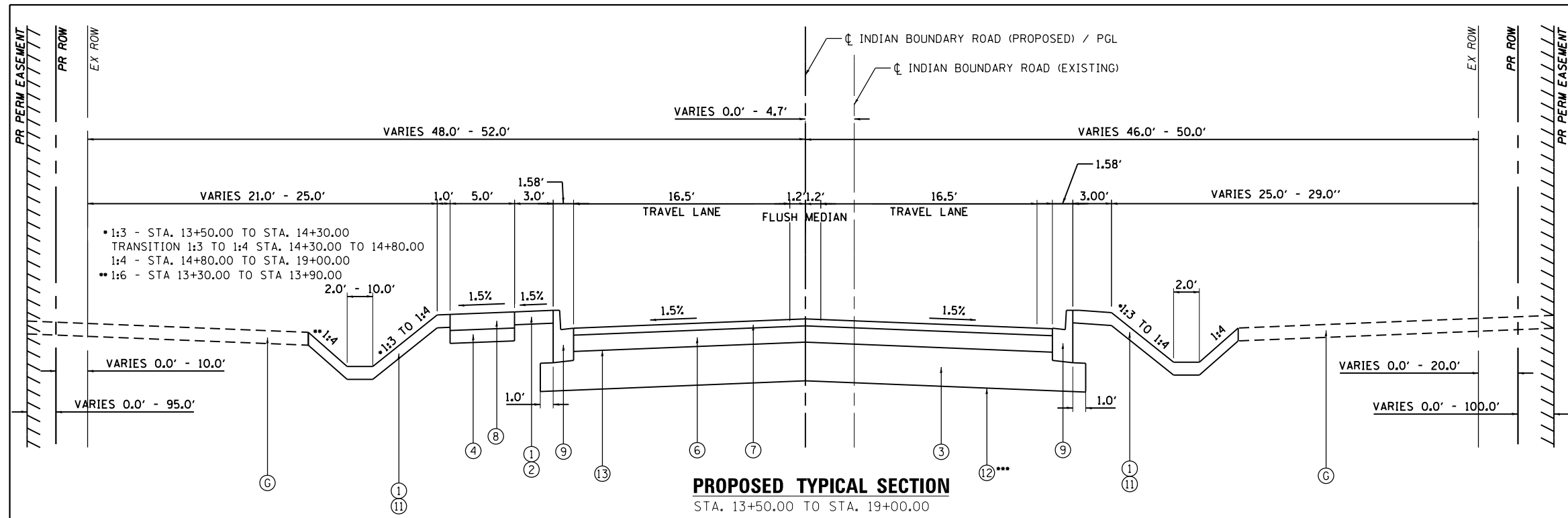
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
EXISTING TYPICAL SECTIONS**

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

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	15
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

FILE NAME = S:\JUL\37200-3799\37665\009\Dr\wrngp\CADD\Micro\G000_Sheets\08\2345-sh1-typical.dgn

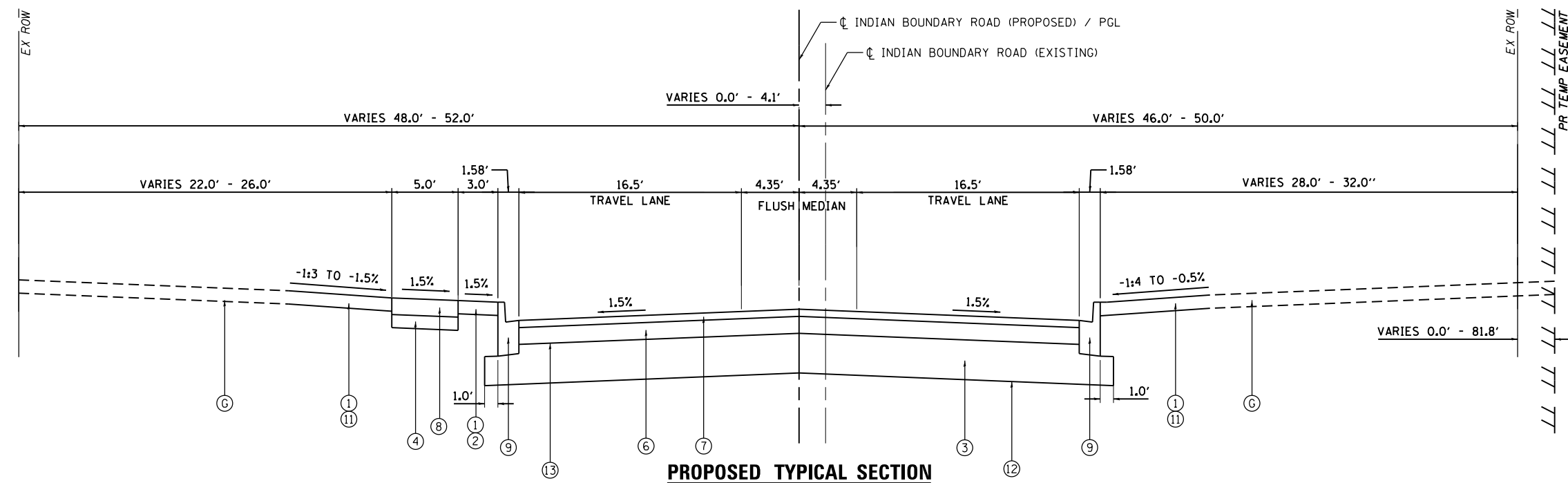


PROPOSED TYPICAL SECTION
STA. 13+50.00 TO STA. 19+00.00

*** UNDERCUT - STA 14+09.00 TO 15+50.00

- EXISTING LEGEND**
- (A) HMA PAVEMENT
 - (B) COMBINATION CURB AND GUTTER
 - (C) 8" BITUMINOUS AGGREGATE MATERIALS
 - (D) AGGREGATE SUBGRADE IMPROVEMENT
 - (E) AGGREGATE SHOULDER
 - (F) PORTLAND CEMENT CONCRETE SIDEWALK
 - (G) 14" TOPSOIL
 - (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

- PROPOSED LEGEND**
- (1) TOP SOIL FURNISH AND PLACE, 4"
 - (2) SODDING, SALT TOLERANT
 - (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (4) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
 - (5) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"
 - (6) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"
 - (7) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"
 - (8) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - (9) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
 - (10) AGGREGATE BASE COURSE, TYPE B 6"
 - (11) SEEDING (SEE LANDSCAPING PLAN FOR TYPE)
 - (12) UNDERCUT (AS NECESSARY)
 - (13) BITUMINOUS MATERIALS (PRIME COAT)



PROPOSED TYPICAL SECTION

STA. 12+65.56 TO STA. 13+50.00
STA. 19+00.00 TO STA. 20+88.51



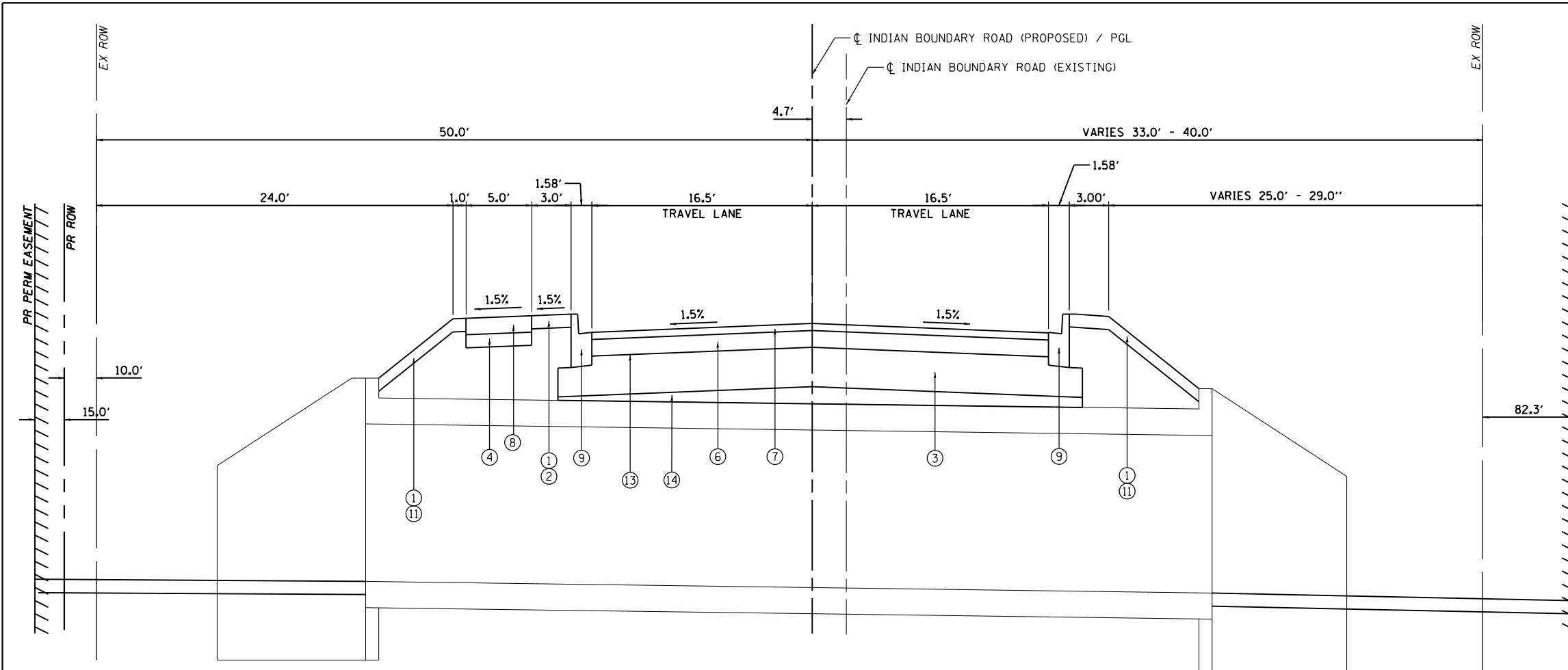
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MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
PROPOSED TYPICAL SECTIONS**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	16
			CONTRACT NO. 61H25	
ILLINOIS FED. AID PROJECT				



PROPOSED S.N. 099-6757 TYPICAL SECTION
STA. 14+09.00

- EXISTING LEGEND**
- (A) HMA PAVEMENT
 - (B) COMBINATION CURB AND GUTTER
 - (C) 8" BITUMINOUS AGGREGATE MATERIALS
 - (D) AGGREGATE SUBGRADE IMPROVEMENT
 - (E) AGGREGATE SHOULDER
 - (F) PORTLAND CEMENT CONCRETE SIDEWALK
 - (G) 14" TOPSOIL
 - (H) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

- PROPOSED LEGEND**
- (1) TOP SOIL FURNISH AND PLACE, 4"
 - (2) SODDING, SALT TOLERANT
 - (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (4) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
 - (5) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"
 - (6) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"
 - (7) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"
 - (8) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - (9) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
 - (10) AGGREGATE BASE COURSE, TYPE B 6"
 - (11) SEEDING (SEE LANDSCAPING PLANS FOR TYPE)
 - (12) UNDERCUT (AS NECESSARY)
 - (13) BITUMINOUS MATERIALS (PRIME COAT)
 - (14) AGGREGATE SUBGRADE IMPROVEMENT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

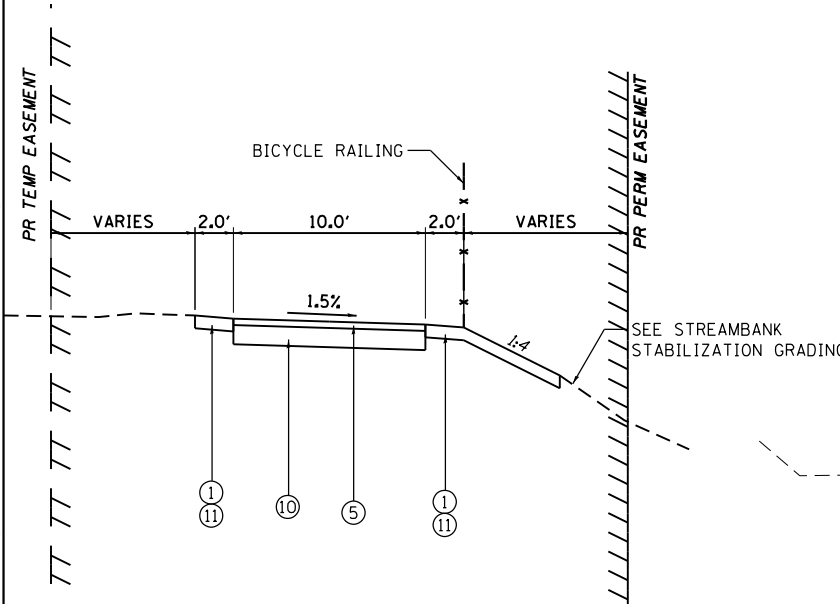
MIXTURE TYPE	AIR VOIDS @ Ndes	OMP
ROADWAY - RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"	4% @ 50 GYR	LR1030-2
ENTRANCES - RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 3" (IN 2 LIFTS)	4% @ 50 GYR	LR1030-2
MULTI-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 3" (IN 2 LIFTS)	4% @ 50 GYR	LR1030-2
WINTERIZED TEMPORARY ACCESS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR1030-2
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2.		

HOT-MIX ASPHALT MIXTURE NOTES:

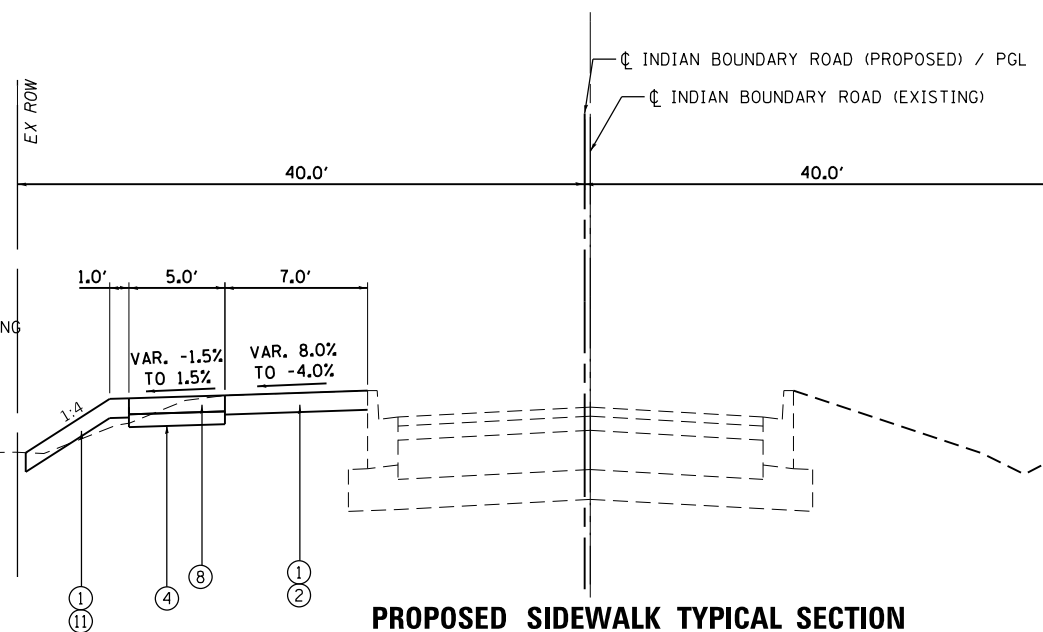
- THE UNIT WEIGHT USED TO CALCULATE HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS

UNDERCUT NOTES:

- REPLACEMENT MATERIAL SHALL BE PAID FOR AS AGGREGATE SUBGRADE IMPROVEMENT MEASURED IN CUBIC YARDS.
- UNDERCUT AND AGGREGATE SUBGRADE IMPROVEMENTS SHALL BE PERFORMED WHERE DETERMINED BY THE ENGINEER.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. 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.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR'S EXPENSE.



PROPOSED MULTI-USE PATH TYPICAL SECTION

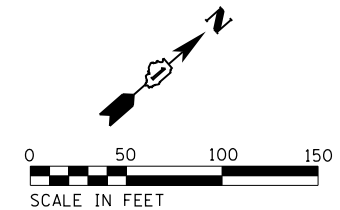
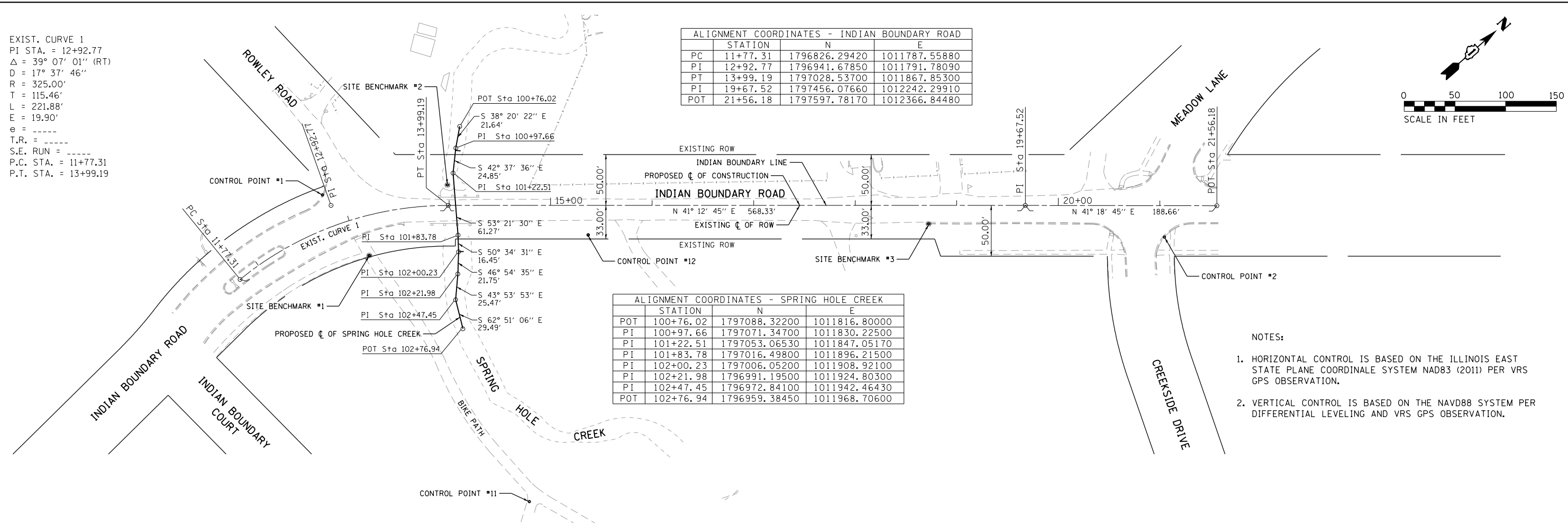


PROPOSED SIDEWALK TYPICAL SECTION
STA. 11+58.05 TO STA. 12+65.56

EXIST. CURVE 1
 PI STA. = 12+92.77
 $\Delta = 39^{\circ} 07' 01''$ (RT)
 $D = 17^{\circ} 37' 46''$
 $R = 325.00'$
 $T = 115.46'$
 $L = 221.88'$
 $E = 19.90'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA. = 11+77.31
 P.T. STA. = 13+99.19

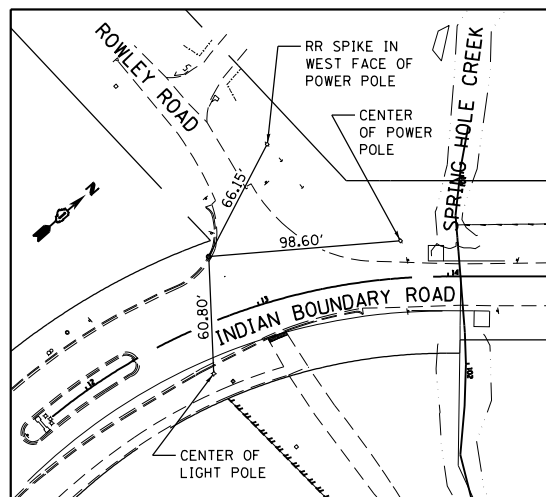
ALIGNMENT COORDINATES - INDIAN BOUNDARY ROAD			
STATION	N	E	
PC	11+77.31	1796826.29420	1011787.55880
PI	12+92.77	1796941.67850	1011791.78090
PT	13+99.19	1797028.53700	1011867.85300
PI	19+67.52	1797456.07660	1012242.29910
POT	21+56.18	1797597.78170	1012366.84480

ALIGNMENT COORDINATES - SPRING HOLE CREEK			
STATION	N	E	
POT	100+76.02	1797088.32200	1011816.80000
PI	100+97.66	1797071.34700	1011830.22500
PI	101+22.51	1797053.06530	1011847.05170
PI	101+83.78	1797016.49800	1011896.21500
PI	102+00.23	1797006.05200	1011908.92100
PI	102+21.98	1796991.19500	1011924.80300
PI	102+47.45	1796972.84100	1011942.46430
POT	102+76.94	1796959.38450	1011968.70600



NOTES:

- HORIZONTAL CONTROL IS BASED ON THE ILLINOIS EAST STATE PLANE COORDINATE SYSTEM NAD83 (2011) PER VRS GPS OBSERVATION.
- VERTICAL CONTROL IS BASED ON THE NAVD88 SYSTEM PER DIFFERENTIAL LEVELING AND VRS GPS OBSERVATION.



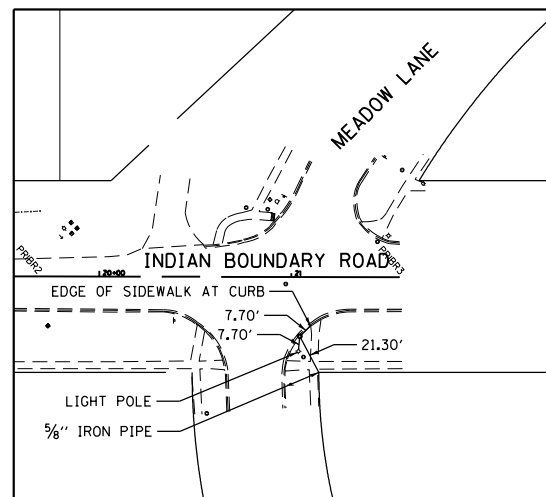
CONTROL POINT #1

SET CUT CROSS
 ON TOP OF CURB
 STA. 12+84.21, 32.50' LT
 N: 1,796,942.186
 E: 1,011,778.461
 ELEV.=615.562

BENCHMARK #1

ELEVATION= 616.074

SET CUT SQUARE IN BACK OF CONCRETE
 WALK AT CENTERLINE OF ASPHALT BIKE
 PATH AT INDIAN BOUNDARY ROAD AND
 ROWLEY ROAD.



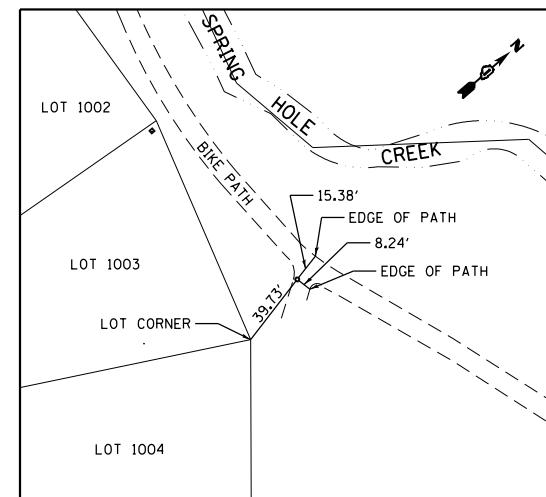
CONTROL POINT #2

SET CUT CROSS
 ON TOP OF CURB
 STA. 21+04.51, 30.91' RT
 N: 1,797,538.566
 E: 1,012,355.949
 ELEV.=617.072

BENCHMARK #2

ELEVATION= 610.572

SET CUT CROSS ON TOP OF SOUTHERLY
 ELLIPTICAL CMP CULVERT AT WEST END
 OF SW COR. OF INDIAN BOUNDARY ROAD
 AT SPRING HOLE CREEK.



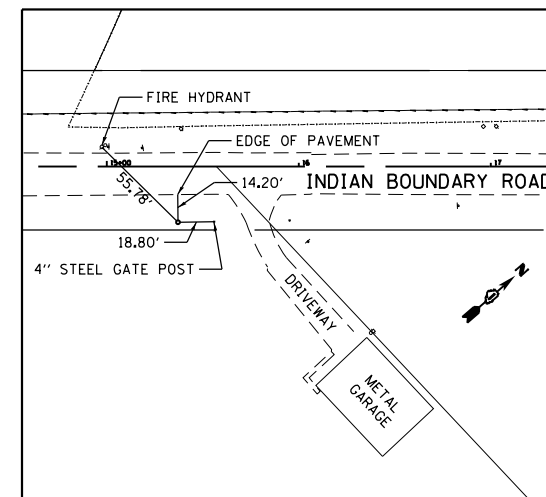
CONTROL POINT #11

SET MAG NAIL
 IN PATH
 N: 1,796,896.548
 E: 1,012,139.773
 ELEV.=613.945

BENCHMARK #3

ELEVATION= 614.989

SET CUT SQUARE ON TOP OF CURB ON
 EAST SIDE OF INDIAN BOUNDARY ROAD
 16' SOUTHERLY OF SOUTH EDGE OF
 DRIVE AT ADDRESS #15410.



CONTROL POINT #12

SET 5/8" REBAR
 W/CAP
 STA. 15+37.03, 29.00' RT
 N: 1,797,113.119
 E: 1,011,980.478
 ELEV.=608.236

FILE NAME = S:\JUL\37200--3799\37665\009\Dr-armpg\CADD\Micros\CADD_Sheets\08\2345-sh1-ATB.dgn



USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

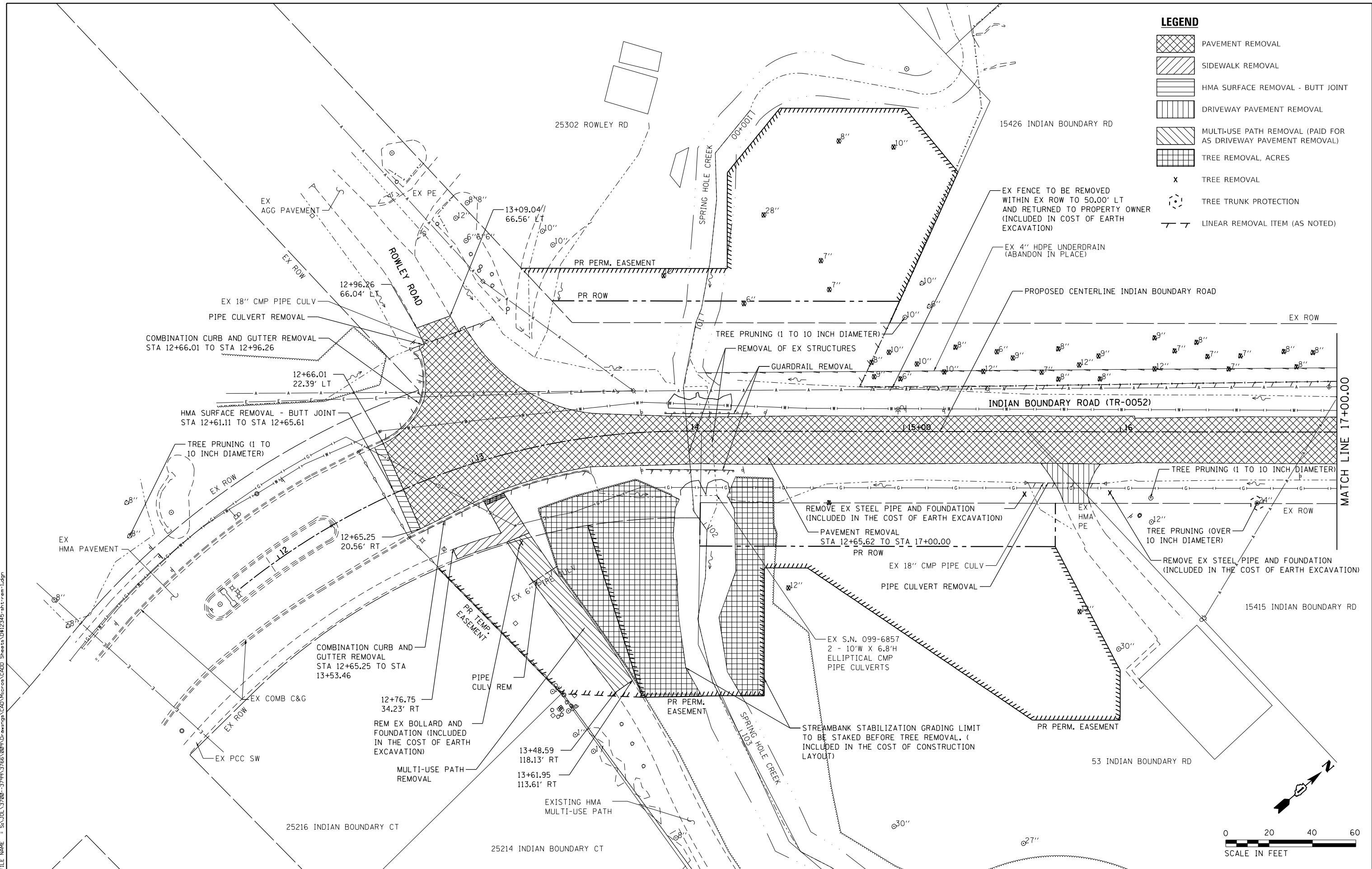
**INDIAN BOUNDARY ROAD
 ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. TO STA.

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	18
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

LEGEND

	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	HMA SURFACE REMOVAL - BUTT JOINT
	DRIVEWAY PAVEMENT REMOVAL
	MULTI-USE PATH REMOVAL (PAID FOR AS DRIVEWAY PAVEMENT REMOVAL)
	TREE REMOVAL, ACRES
X	TREE REMOVAL
	TREE TRUNK PROTECTION
	LINEAR REMOVAL ITEM (AS NOTED)



FILE NAME = SA\JUL\37200-3799\37665\009\Dr\armpg\CAD\Micro\CA00_Sheets\08\2345-sh1-ran-1.dgn



SA STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = jackd	DESIGNED -
MODEL NAME = Default	DRAWN -
PLOT SCALE = 48.0000' / in.	CHECKED -
PLOT DATE = 10/3/2023	DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
REMOVAL PLAN**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 11+50.00 TO STA. 17+00.00

TR R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	19
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				










NOTES

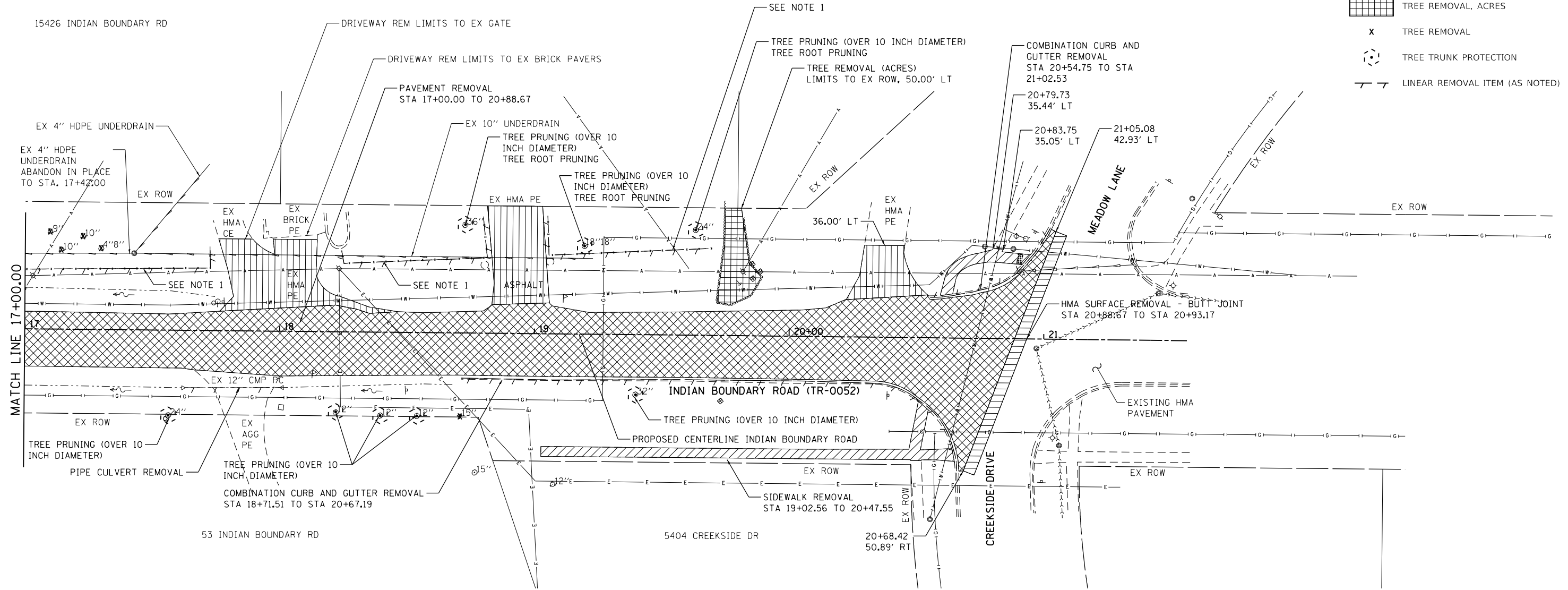
1. EX FENCE TO BE REMOVED WITHIN EX ROW TO 50.00' LT AND RETURNED TO PROPERTY OWNER (INCLUDED IN COST OF EARTH EXCAVATION)

15410 INDIAN BOUNDARY RD

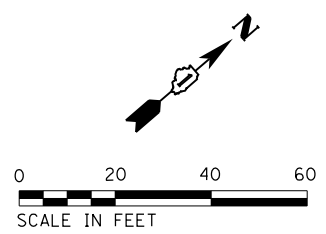
15402 MEADOW LN

LEGEND

-  PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  HMA SURFACE REMOVAL - BUTT JOINT
-  DRIVEWAY PAVEMENT REMOVAL
-  MULTI-USE PATH REMOVAL (PAID FOR AS DRIVEWAY PAVEMENT REMOVAL)
-  TREE REMOVAL, ACRES
-  TREE REMOVAL
-  TREE TRUNK PROTECTION
-  LINEAR REMOVAL ITEM (AS NOTED)



FILE NAME = S:\JUL\37200-3799\3766\009\Dr\armpg\CAD\Micros\CADD_Sheets\08\2345-shr-ran-2.dgn



SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

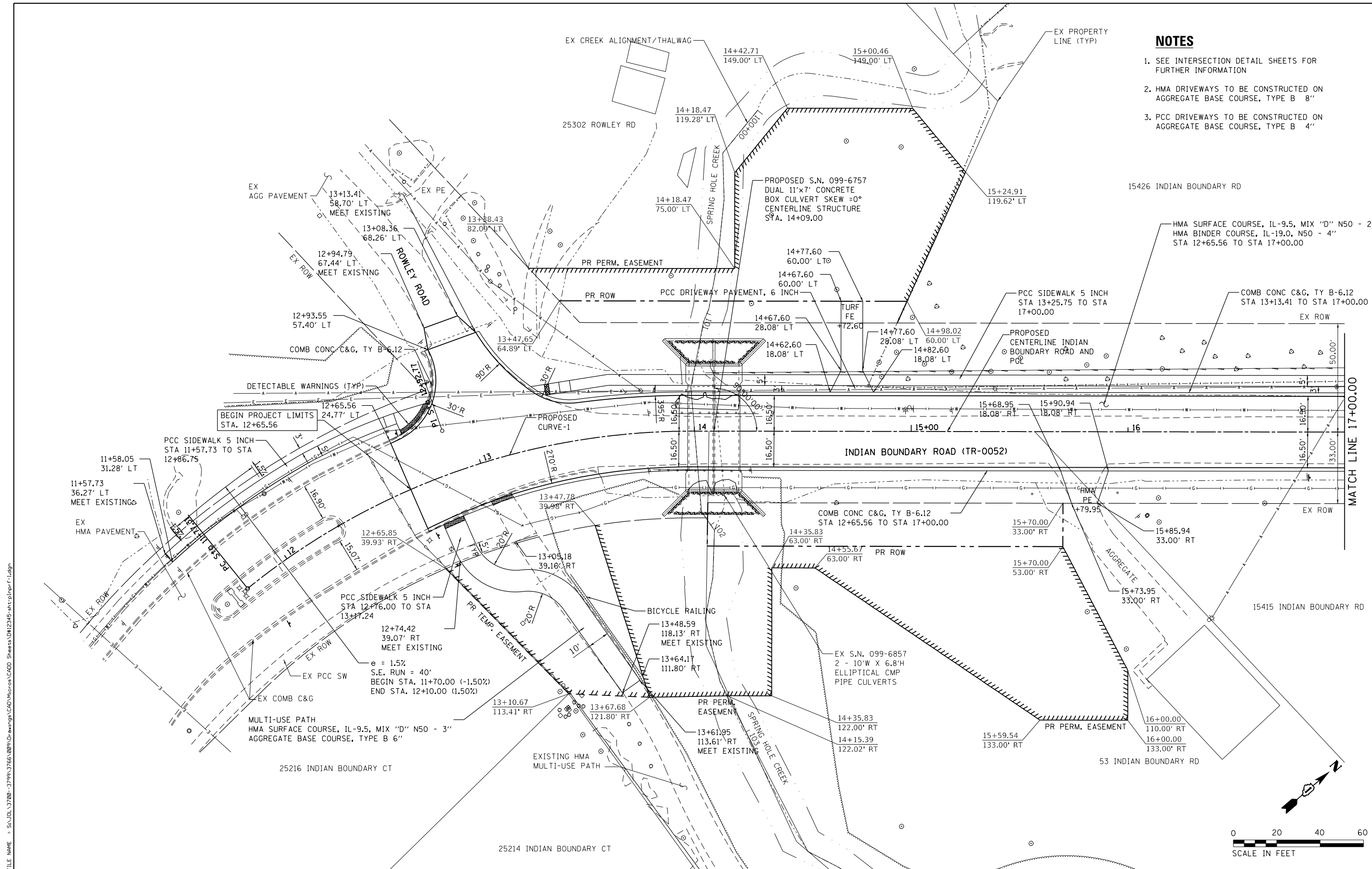
**INDIAN BOUNDARY ROAD
 REMOVAL PLAN**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 17+00.00 TO STA. 21+56.33

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	20
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

NOTES

1. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION
2. HMA DRIVEWAYS TO BE CONSTRUCTED ON AGGREGATE BASE COURSE, TYPE B 8"
3. PCC DRIVEWAYS TO BE CONSTRUCTED ON AGGREGATE BASE COURSE, TYPE B 4"



FILE NAME = SA:\JUL\37200-3799\37665\009\Drwings\CADD\Micros\CADD_Sheets\08\2345-shr-pln\p1.rvt-1.dgn

SA STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

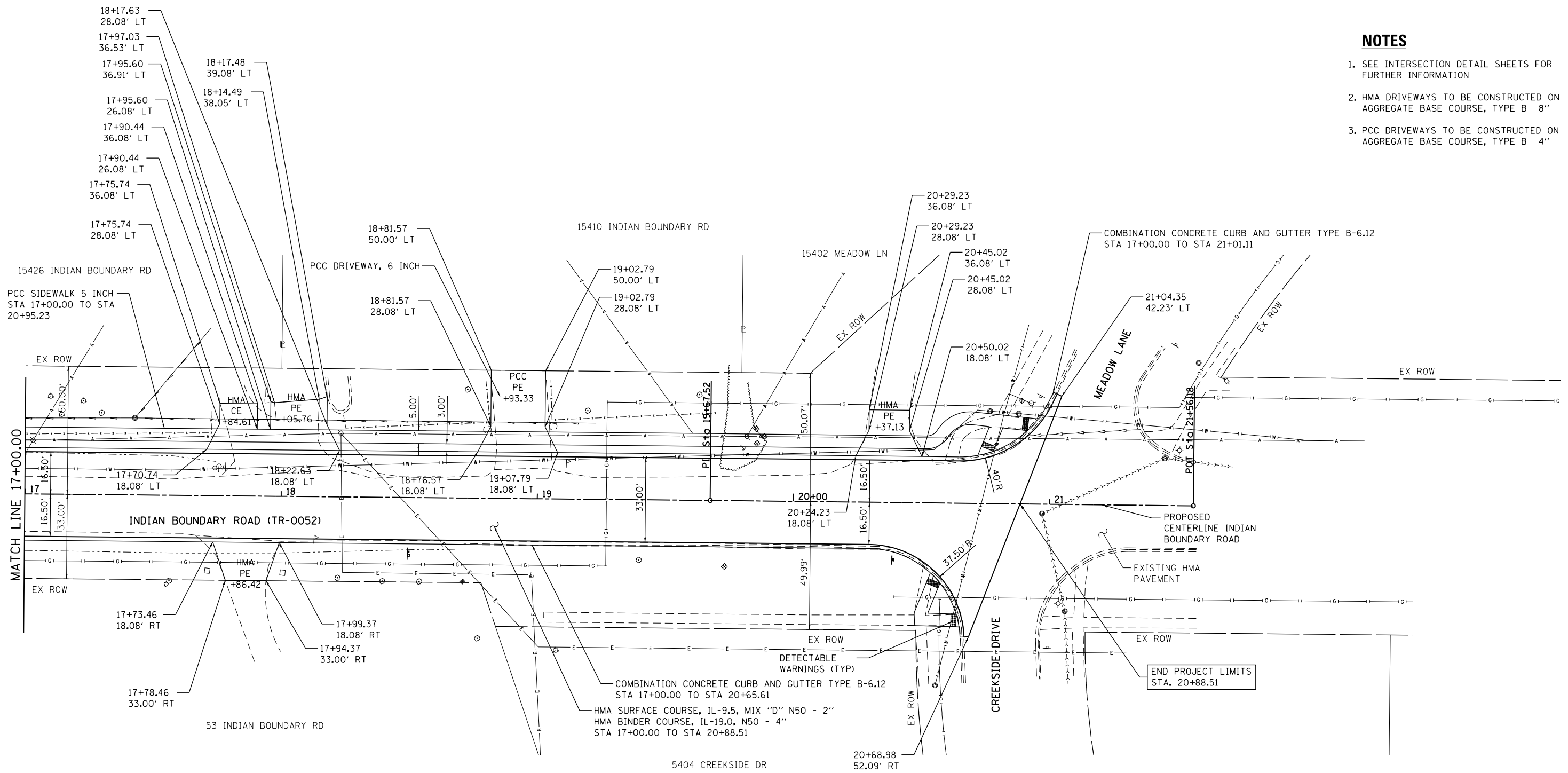
**INDIAN BOUNDARY ROAD
ROADWAY PLAN**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 11+50.00 TO STA. 17+00.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	21
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

NOTES

1. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION
2. HMA DRIVEWAYS TO BE CONSTRUCTED ON AGGREGATE BASE COURSE, TYPE B 8"
3. PCC DRIVEWAYS TO BE CONSTRUCTED ON AGGREGATE BASE COURSE, TYPE B 4"



FILE NAME = S:\JUL\37200-3799\37665\009\Dr\wrngp\CADD\Micros\CADD_Sheets\08\2345-shr-pln\p1-f-2.dgn

SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
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 (815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

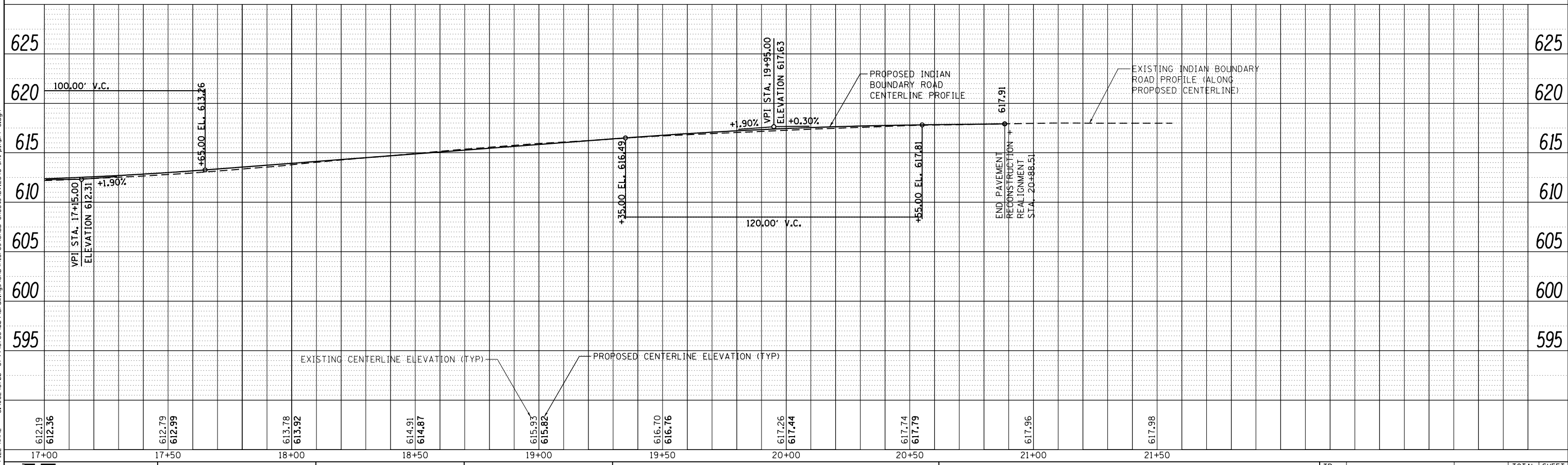
**INDIAN BOUNDARY ROAD
 ROADWAY PLAN**
 SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 17+00.00 TO STA. 21+56.33

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	22
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

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



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



STRAND ASSOCIATES*
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = jackd
MODEL NAME = Default
PLOT SCALE = 40.0000' / in.
PLOT DATE = 9/5/2023

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

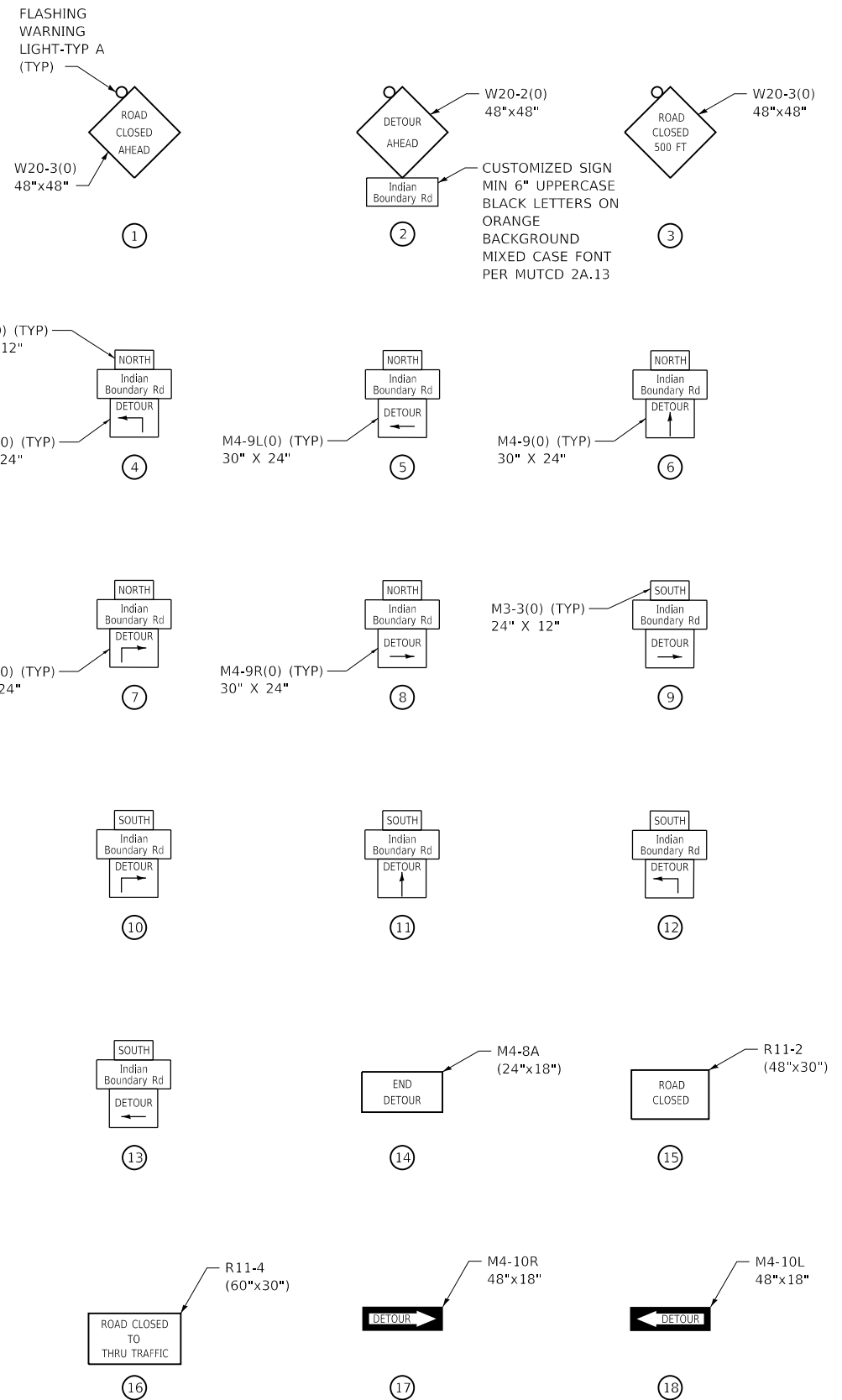
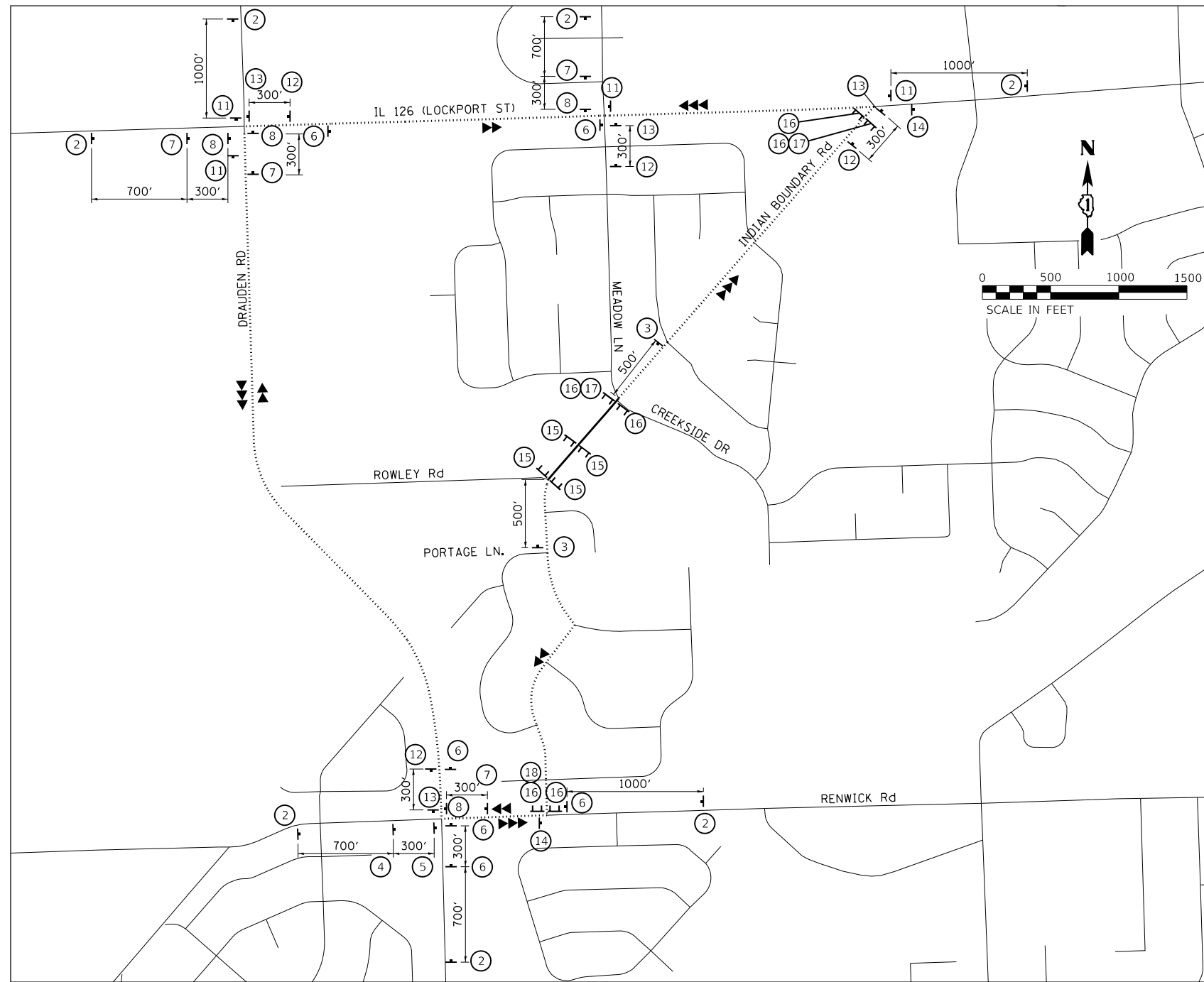
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
ROADWAY PROFILE

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 11+50.00 TO STA. 22+00.00

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	23
				CONTRACT NO. 61H25
ILLINOIS FED. AID PROJECT				

FILE NAME = SA\JUL\37200-3799\37665-00\9\Dr-armpg\CADD\Micros\CADD_Sheets\08\2345-ah-t-detour-1.dgn



DETOUR NOTES

LEGEND

- ↑ SIGN
- ⊥ TYPE III BARRICADES WITH TWO FLASHING LIGHTS
- ▶ NORTHBOUND DETOURED TRAFFIC
- ▶▶ SOUTHBOUND DETOURED TRAFFIC
- PROPOSED DETOUR
- ROAD CLOSED

1. THE CONTRACTOR SHALL CONTACT THE ENGINEER, DISTRICT ONE TRAFFIC CONTROL SUPERVISOR VIA EMAIL AT CORY.JUCIUS@ILLINOIS.GOV, ALL LOCAL AGENCIES, PARK DISTRICT, EMERGENCY SERVICES AND SCHOOL DISTRICTS A MINIMUM OF 72 HOURS PRIOR TO IMPLEMENTING THE DETOUR.
2. THE LOCATIONS OF ALL SIGNS SHOWN ON THE DETOUR PLAN ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST LOCATIONS TO FIT FIELD CONDITIONS. FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER AND SHALL ABIDE BY DISTRICT ONE DETAIL (TC-21) ALONG IL-126.
3. EXISTING TRAFFIC SIGNS CONFLICTING WITH THE DETOUR SIGNAGE SHALL BE TEMPORARILY REMOVED OR COVERED AS DIRECTED BY THE ENGINEER.
4. ALL DETOUR SIGNS SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL DETERMINE IF THE CONDITION OF THE SIGNS IS SATISFACTORY.
5. DETOUR SIGNING SHALL HAVE BLACK LETTERS WITH 6" MIN. HEIGHT ON ORANGE BACKGROUND.
6. ALL DETOUR SIGNS SHALL HAVE THEIR OWN SIGN SUPPORTS.
7. TEMPORARY TRAFFIC SIGNAL TIMING REQUIRED AT THE INTERSECTIONS OF IL 126 (LOCKPORT STREET) AND DRAUDEN ROAD AND IL 126 (LOCKPORT STREET) AND MEADOW LANE.

LEGEND

	SEEDING, CLASS 1 *,**
	SEEDING, CLASS 1A *,**
	SEEDING, CLASS 1B *,**
	SEEDING, CLASS 4B AND 5B *,**
	SEEDING, CLASS 4B AND 5B, AND TURF REINFORCEMENT MAT *
	SODDING, SALT TOLERANT *
	STONE RIPRAP, CLASS A5

LEGEND (CONTINUED)

	INLET FILTER
	INLET AND PIPE PROTECTION (SEE EROSION CONTROL & LANDSCAPING GENERAL NOTE 5)
	TEMPORARY DITCH CHECK
	PERIMETER EROSION BARRIER
	TEMPORARY FENCE
	PROPOSED DECIDUOUS TREE
	PROPOSED EVERGREEN TREE

ABBREVIATIONS OF COMMON NAMES

BNH	RIVER BIRCH
BW	BASSWOOD
DSB	DOWNY SERVICEBERRY
SB	SERVICEBERRY
SD	SILKY DOGWOOD
SWO	SWAMP WHITE OAK
WS	WHITE SPRUCE

EROSION CONTROL & LANDSCAPING GENERAL NOTES

- ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH 4" TOPSOIL AND SEEDING OR SODDING AS SHOWN ON THE PLANS.
- ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- TEMPORARY EROSION CONTROL BLANKET SHALL BE USED ON ALL AREAS OF SOIL DISTURBANCES.
- PROPOSED DRAINAGE STRUCTURES RECEIVING RUNOFF SHALL BE PROTECTED WITH INLET FILTERS OR INLET AND PIPE PROTECTION IMMEDIATELY AFTER CONSTRUCTION.
- FOR INLET AND PIPE PROTECTION, A COMBINATION OF PERIMETER EROSION BARRIER AND TEMPORARY DITCH CHECKS (ROLLED EXCELSIOR) FOR PIPE PROTECTION SHALL BE USED AND SHALL BE PAID FOR SEPARATELY. THE USE OF STRAW BALES FOR PIPE PROTECTION SHALL NOT BE ALLOWED.
- EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS.
- PERIMETER EROSION BARRIER IS SHOWN OUTSIDE THE RIGHT-OF-WAY FOR CLARITY. PERIMETER EROSION BARRIER SHOULD BE CONSTRUCTED 6" INSIDE THE RIGHT-OF-WAY IN THESE LOCATIONS.
- CONTRACTOR SHALL SUBMIT AN IN-STREAM WORK PLAN TO WILL-SOUTH COOK SOIL & WATER CONSERVATION DISTRICT FOR APPROVAL PRIOR TO WORK WITHIN THE WATERWAY.

* ALL DISTURBED AREAS SCHEDULED FOR PERMANENT SEEDING OR SODDING RESTORATION SHALL ALSO RECEIVE TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY EROSION CONTROL BLANKET AS NEEDED DURING CONSTRUCTION PER SECTION 280 OF THE SSRBC.

* ALL PERMANENT SEEDING OR SODDING RESTORATION SHALL BE PLACED ON 4 INCHES OF NEW TOPSOIL IN ACCORDANCE WITH SECTION 211 OF THE SSRBC.

** ALL DISTURBED AREAS SCHEDULED FOR PERMANENT SEEDING RESTORATION NOT STABILIZED WITH TURF REINFORCEMENT MAT SHALL BE STABILIZED WITH WILDLIFE SAFETY TYPE EROSION CONTROL BLANKET (SPECIAL) PER SECTION 251 OF THE SSRBC.

Indian Boundary Road, Will County, IL														
PLANT DATA CHART														
PLANT CODE	COMMON NAME	SCIENTIFIC NAME	AVG. MATURE HEIGHT	AVG. MATURE SPREAD	SIZE WHEN PLANTED	ROOT ZONE MODE	MINIMUM SIZE				MULCH RING DIA.	PLANT QUANTITY (Sheet 22)	PLANT QUANTITY (Sheet 23)	PLANT QUANTITY TOTAL
							MIN. BALL OR POT SIZE	MIN. HOLE SIZE		MIN. HOLE SIZE				
							MIN. CONT. SIZE	MIN. CONT. DEPTH	MIN. HOLE DIA.	MIN. HOLE DEPTH				
LARGE GROWING DECIDUOUS TREES														
BMH	River Birch	Betula nigra 'Heritage'	40-70'	40-60'	1.75" Cal.	B&B	18"	14"	34"	14"	42"	11	0	11
SWO	Swamp White Oak	Quercus bicolor	55'	60'	1.75" Cal.	B&B	20"	14"	36"	14"	44"	7	4	11
BW	Basswood	Tilia americana	70'	40'	2" Cal.	B&B	24"	16"	40"	16"	48"	1	4	5
MEDIUM GROWING DECIDUOUS TREES														
ASB	Autumn Brilliance Serviceberry	Amelanchier x Grandiflora 'Autumn Brilliance'	15-25'	10-12'	6' HT	5-Gal POT	12"	9"	28"	9"	Bed or 36"	5	2	7
SMALL GROWING DECIDUOUS TREES														
SB	Shadblow Serviceberry (Clump Form)	Amelanchier canadensis	10'	6'	6' HT	B&B	20"	15"	32"	16"	Bed or 36"	1	1	2
EVERGREEN TREES/SHRUBS														
BHS	Black Hills Spruce	Picea glauca 'Densata'	30'	10-15'	4' HT	B&B	16"	12"	48"	14"	52"	8	2	10
SMALL TO MEDIUM DECIDUOUS SHRUBS														
SD	Silky Dogwood	Cornus amomun (clonal)	8'	8'	30" HT	B&B or 5-Gal POT	12"	9"	28"	9"	Bed (3.5' to 4' staggered spacing)	26	0	26
												Total =	72	
Notes:	1	Note for shrub and small tree forms for service berry; this can be for the different species or for the tree form (single stem) or shrub form (multiple stem) if using same species.												

ANTICIPATED CONSTRUCTION SEQUENCE

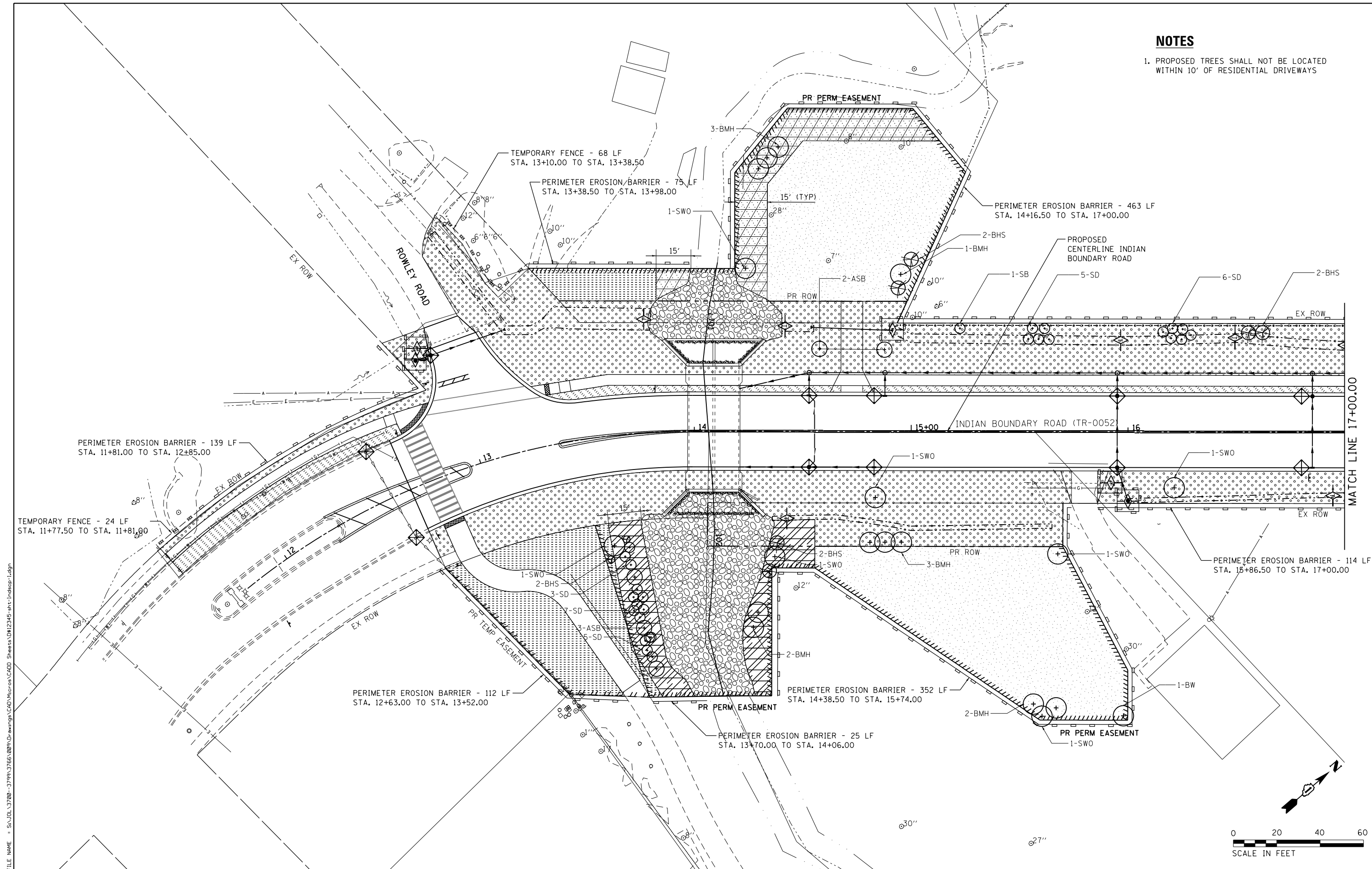
- INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL SUCH AS PERIMETER EROSION BARRIER, TEMPORARY FENCE, AND INLET FILTERS AND INLET AND PIPE PROTECTION.
- PERFORM TREE REMOVAL, DEMOLITION, AND EARTHWORK NECESSARY FOR ROADWAY WIDENING.
- PROVIDE TEMPORARY SEEDING AND EROSION CONTROL BLANKET ON ALL DISTURBED AREAS.
- PERFORM TEMPORARY BYPASS AND DEWATERING OPERATIONS FOR IN-STREAM WORK ACCORDING TO CONTRACTOR'S APPROVED IN-STREAM WORK PLAN.
- INSTALL REPLACEMENT STRUCTURE AT SPRING HOLE CREEK.
- INSTALL AND RELOCATE ALL UNDERGROUND PUBLIC UTILITIES.
- AFTER FINAL CONSTRUCTION OF ALL ROADWAY ITEMS, PERFORM FINAL LANDSCAPING AND EROSION CONTROL INSTALLATION.

FILE NAME = SA\JL\37200-3799\37665-009\Dr-wrkgp\CAD\Micros\CAD00_Sheets\0812345-shr-1-ndesp-legend.dgn

	1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = jackd MODEL NAME = Default PLOT SCALE = 40.0000' / in. PLOT DATE = 9/5/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">INDIAN BOUNDARY ROAD LANDSCAPING AND EROSION CONTROL - LEGEND AND GENERAL NOTES</p>	SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. 17+00.00 TO STA. 21+56.33	TR. RTE. 0052	SECTION 17-00064-00-BR	COUNTY WILL	TOTAL SHEETS 89	SHEET NO. 25	CONTRACT NO. 61H25	ILLINOIS FED. AID PROJECT		

NOTES

- 1. PROPOSED TREES SHALL NOT BE LOCATED WITHIN 10' OF RESIDENTIAL DRIVEWAYS



FILE NAME = SA\JUL\37200-3799\37665\009\Dr\arrog\CAD\Micro\CA000_Sheets\0812345-ah1-Indesp-1.dgn

SA STRAND ASSOCIATES
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PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

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CHECKED -	REVISED -
DATE -	REVISED -

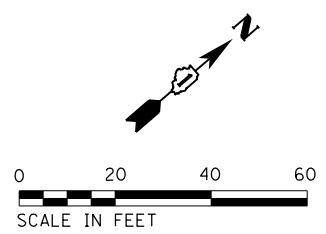
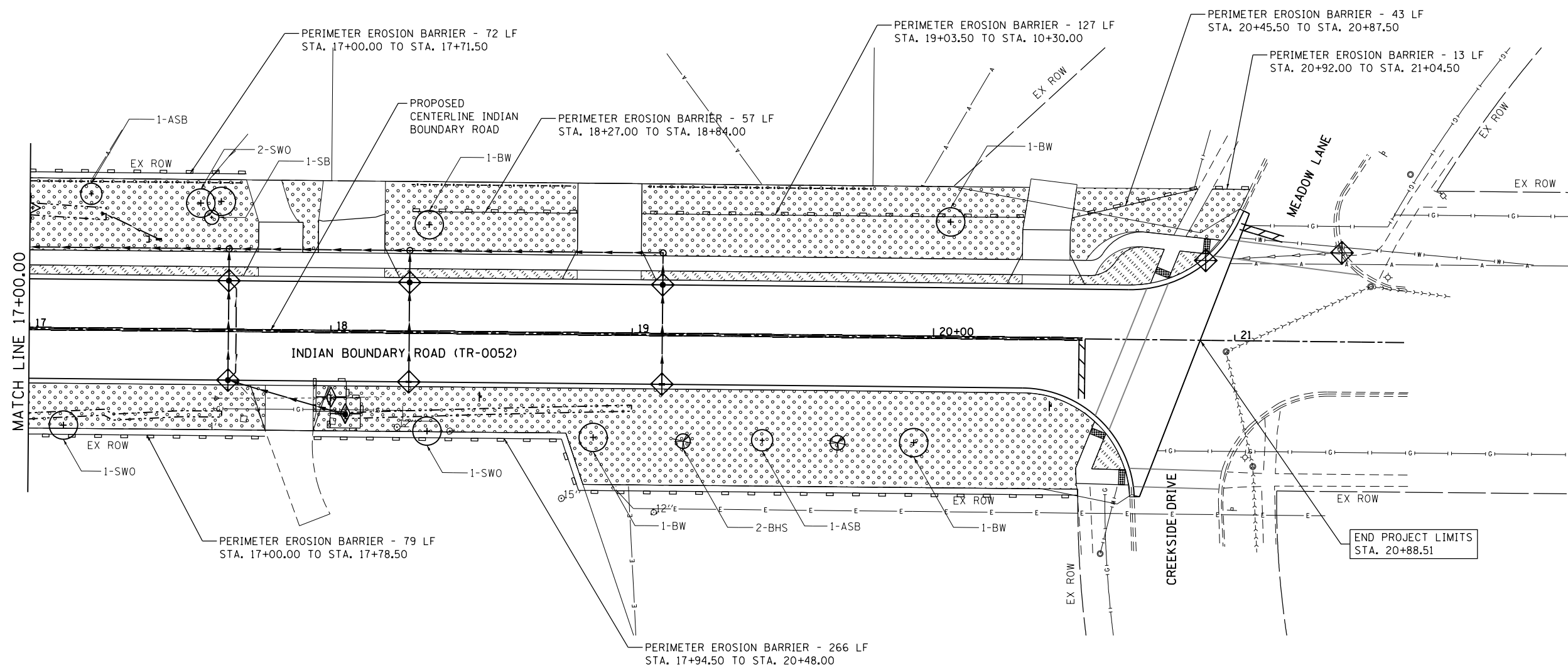
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 LANDSCAPING AND EROSION CONTROL PLAN**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 11+50.00 TO STA. 17+00.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	26
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

FILE NAME = S:\JUL\37200-3799\37665\009\Dr\wrp\p\CAD\Micros\CAD00_Sheets\08\2345-shr-1-ndesp-2.dgn



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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 LANDSCAPING AND EROSION CONTROL PLAN**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 17+00.00 TO STA. 21+56.33

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	27
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

SCHEDULE OF PROPOSED STORM SEWER STRUCTURES

STRUCTURE NO.	STRUCTURE TYPE	FRAME TYPE	STATION	OFFSET	RIM ELEV	STRUCTURE INV	INV (N)	INV (E)	INV (S)	INV (W)
S100	MANHOLES, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	14+53.00	27.00' LT	611.61	603.87	604.08	607.52	604.08	-
S101	INLETS, TYPE A	TYPE 11 FRAME AND GRATE	14+53.00	16.50' LT	611.29	607.56	-	-	-	607.73
S102	MANHOLES, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	14+88.00	27.00' LT	611.76	604.05	604.48	607.59	604.23	-
S103	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	14+88.00	16.50' LT	611.38	607.66	-	-	-	607.80
S104	MANHOLES, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	15+95.00	17.00' LT	612.08	604.94	605.13	605.38	605.13	-
S105	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	15+95.00	16.50' LT	611.64	603.59	-	605.59	-	605.59
S106	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	15+95.00	16.50' RT	611.70	604.25	-	606.25	-	606.25
S107	CATCH BASINS, TYPE C	TYPE 8 GRATE	16+00.00	29.00' RT	608.77	604.52	-	-	-	606.52
S108	MANHOLES, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	16+85.00	27.00' LT	612.38	606.63	606.97	607.54	606.72	-
S109	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	16+85.00	16.50' LT	612.00	605.85	-	607.75	-	607.75
S110	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	16+85.00	16.50' RT	612.00	608.26	-	-	-	608.41
S111	MANHOLES, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	17+66.00	27.00' LT	613.39	608.41	608.58	608.58	608.58	-
S112	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	17+66.00	16.50' LT	612.95	606.79	-	608.79	-	608.79
S113	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	17+66.00	16.50' RT	613.01	607.45	-	609.45	-	609.45
S114	CATCH BASINS, TYPE C	TYPE 8 GRATE	18+05.00	27.50' RT	612.86	608.30	-	-	-	610.30
S115	MANHOLES, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	18+26.00	27.00' LT	614.48	609.56	609.73	609.73	609.73	-
S116	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	18+26.00	16.50' LT	614.16	607.94	-	609.94	-	609.94
S117	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	18+26.00	16.50' RT	614.16	610.43	-	-	-	610.60
S118	MANHOLES, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	19+10.00	27.00' LT	616.09	611.17	-	611.34	611.34	-
S119	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	19+10.00	16.50' LT	615.77	609.55	-	611.55	-	611.55
S120	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	19+10.00	16.50' RT	615.77	612.04	-	-	-	612.21
S200	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 11 FRAME AND GRATE	14+53.00	16.50' RT	611.29	602.25	607.20	-	604.25	-
S201	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	14+83.00	16.50' RT	611.36	607.63	-	-	607.80	-
S300	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	-	13+23.50	56.50' LT	610.00	610.00	-	-	610.00	-
S301	CATCH BASINS, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	12+94.00	54.50' LT	614.43	608.41	610.41	-	610.41	-
S302	CATCH BASINS, TYPE C	TYPE 8 GRATE	12+87.50	54.50' LT	613.06	608.50	610.50	-	-	-
S400	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	-	14+55.00	47.00' LT	605.30	605.30	605.30	-	-	-
S401	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	-	14+90.00	47.00' LT	606.66	606.60	-	-	606.60	-

SCHEDULE OF PROPOSED STORM SEWER PIPES

PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	U.I.	D.I.
P100	S100	099-6757	33	18	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	0.5%	604.08	603.91
P101	S101	S100	10	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	607.73	607.52
P102	S102	S100	34	18	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	0.5%	604.26	604.08
P103	S103	S102	10	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	607.82	607.62
P104	S104	S102	107	15	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	0.6%	605.13	604.51
P105	S105	S104	10	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	605.59	605.38
P106	S106	S105	33	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	606.25	605.59
P107	S107	S106	13	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	606.52	606.25
P108	S108	S104	90	15	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	1.9%	606.82	605.13
P109	S109	S108	10	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	607.85	607.64
P110	S110	S109	33	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	608.51	607.85
P111	S111	S108	80	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	1.9%	608.58	607.07
P112	S112	S111	10	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	608.79	608.58
P113	S113	S112	33	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	609.45	608.79
P114	S114	S113	40	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.1%	610.30	609.45
P115	S115	S111	59	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	1.9%	609.73	608.58
P116	S116	S115	10	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	609.94	609.73
P117	S117	S116	33	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	610.60	609.94
P118	S118	S115	84	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	1.9%	611.34	609.73
P119	S119	S118	10	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	611.55	611.34
P120	S120	S119	33	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	612.21	611.55
P200	S200	099-6757	32	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	604.25	603.60
P201	S201	S200	30	12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	2.0%	607.80	607.20
P300	S301	S300	34	15	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	1.2%	610.41	610.00
P301	S302	S301	7	15	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	1.2%	610.50	610.41
P400	S401	S400	35	15	PIPE CULVERTS, SPECIAL	0.5%	606.60	605.30

LEGEND	EXISTING	PROPOSED
DITCH & SWALE BOTTOM	----	----
DITCH FLOW	~	~
PIPE CULVERT	----	----
BOX CULVERT	□	□
SANITARY SEWER / FORCE MAIN	----->	----->
WATER MAIN	-----	-----
STORM SEWER	-----	-----
PIPE UNDERDRAIN	-----	-----
CATCH BASIN	○	●
INLET	□	■
MANHOLE	⊙	⊙
END SECTION	△	◀
PROPOSED STONE RIP RAP		⊞

FILE NAME = SA\JUL\37200-3799\37665\009\Dr\wrngs\Cad\Micros\CAD00_Sheets\08\2345-shr-drain\dwg\table.tbl



USER NAME = jackd	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

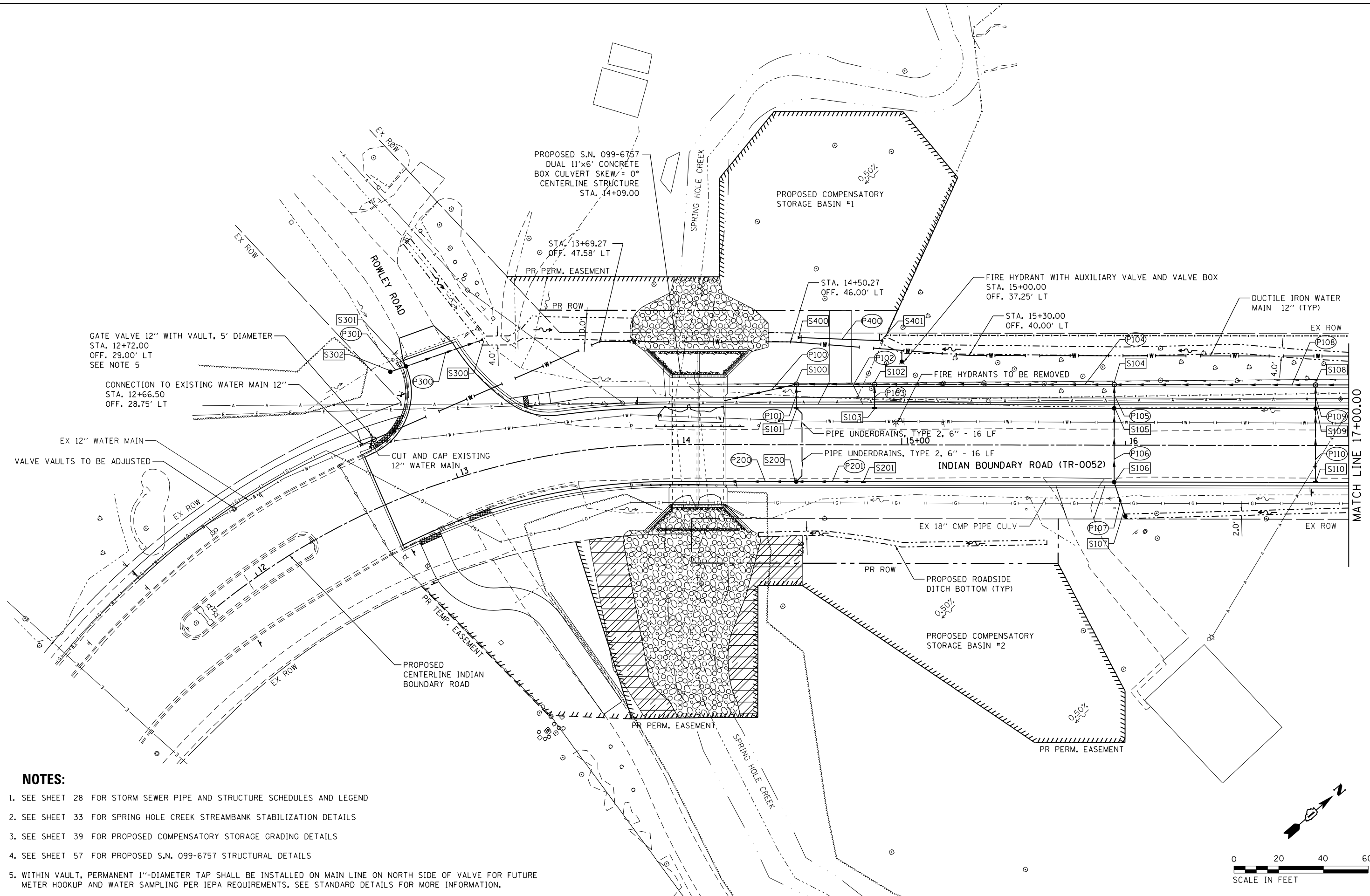
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
DRAINAGE SCHEDULES AND LEGEND**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

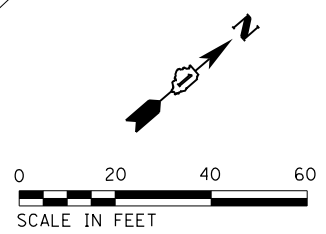
TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	28
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

FILE NAME = SA\101\37200-3799\37665\009\Drainage\CADD\Micros\CADD_Sheets\08\2345-sh1-drainwater-1.dgn



NOTES:

1. SEE SHEET 28 FOR STORM SEWER PIPE AND STRUCTURE SCHEDULES AND LEGEND
2. SEE SHEET 33 FOR SPRING HOLE CREEK STREAMBANK STABILIZATION DETAILS
3. SEE SHEET 39 FOR PROPOSED COMPENSATORY STORAGE GRADING DETAILS
4. SEE SHEET 57 FOR PROPOSED S.N. 099-6757 STRUCTURAL DETAILS
5. WITHIN VAULT, PERMANENT 1"-DIAMETER TAP SHALL BE INSTALLED ON MAIN LINE ON NORTH SIDE OF VALVE FOR FUTURE METER HOOKUP AND WATER SAMPLING PER IEPA REQUIREMENTS. SEE STANDARD DETAILS FOR MORE INFORMATION.



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

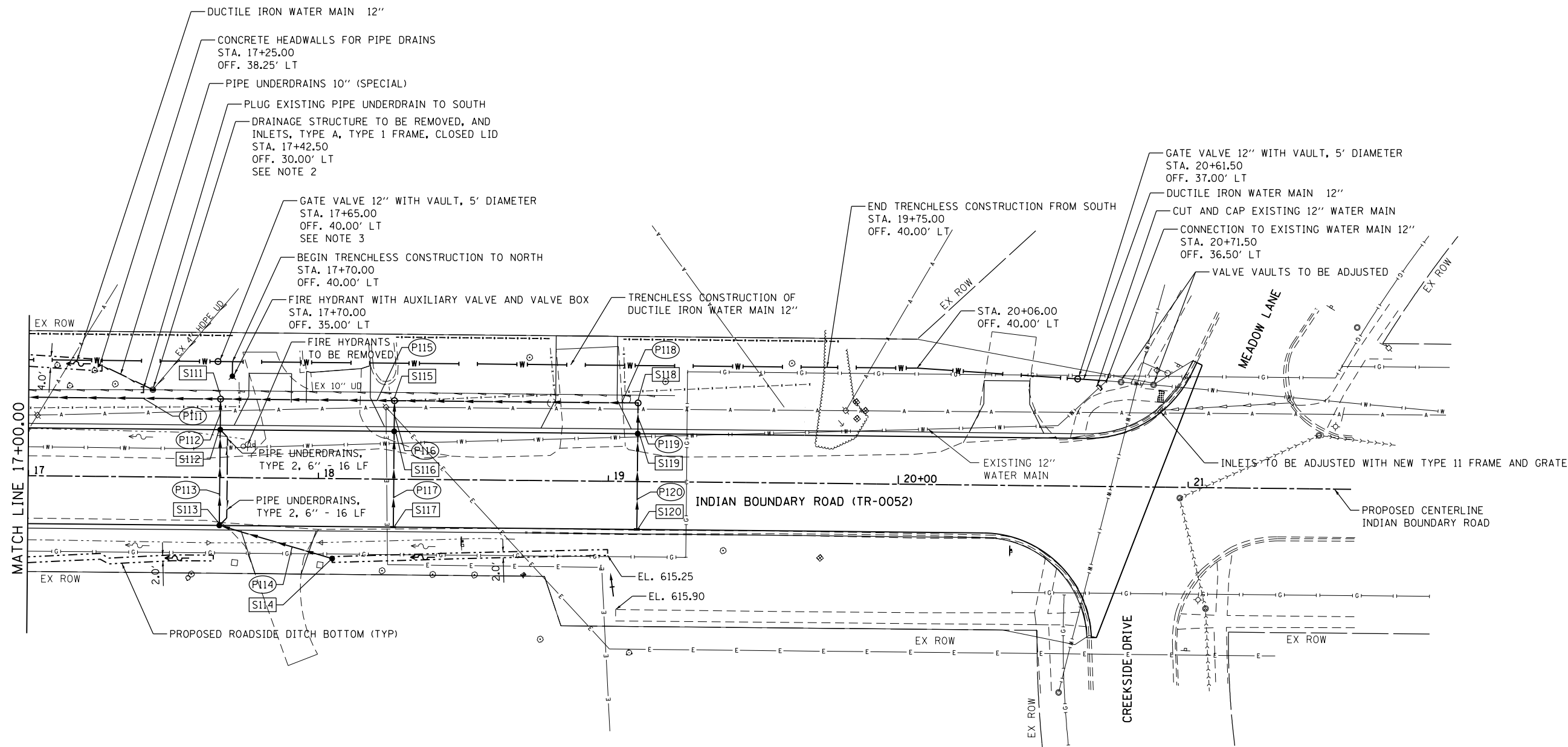
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MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
DRAINAGE AND WATER MAIN PLAN**

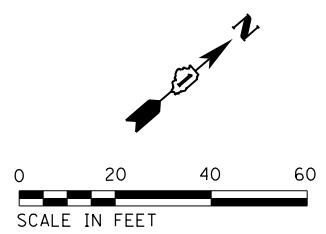
SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 11+50.00 TO STA. 17+00.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	29
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				



NOTES:

- SEE SHEET 28 FOR STORM SEWER PIPE AND STRUCTURE SCHEDULES AND LEGEND
- EXISTING STRUCTURE TO BE REMOVED AND PROPOSED INLET TO BE PLACED OVER EXISTING PIPE UNDERDRAINS AS NEEDED TO KEEP IN SERVICE. NEW PIPE UNDERDRAIN (SPECIAL) TO BE INSTALLED TO OUTLET STRUCTURE TO PROPOSED ROADSIDE DITCH.
- WITHIN VAULT, PERMANENT 1"-DIAMETER TAP SHALL BE INSTALLED ON MAIN LINE ON SOUTH SIDE OF VALVE FOR FUTURE METER HOOKUP AND WATER SAMPLING PER IEPA REQUIREMENTS. SEE STANDARD DETAILS FOR MORE INFORMATION.



FILE NAME = S:\JUL\37200-3799\37665\009\Drainage\CADD\Microstation\CADD_Sheets\08\2345-sh1-drainwater-2.dgn



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PLOT DATE = 9/5/2023	DATE -	REVISED -

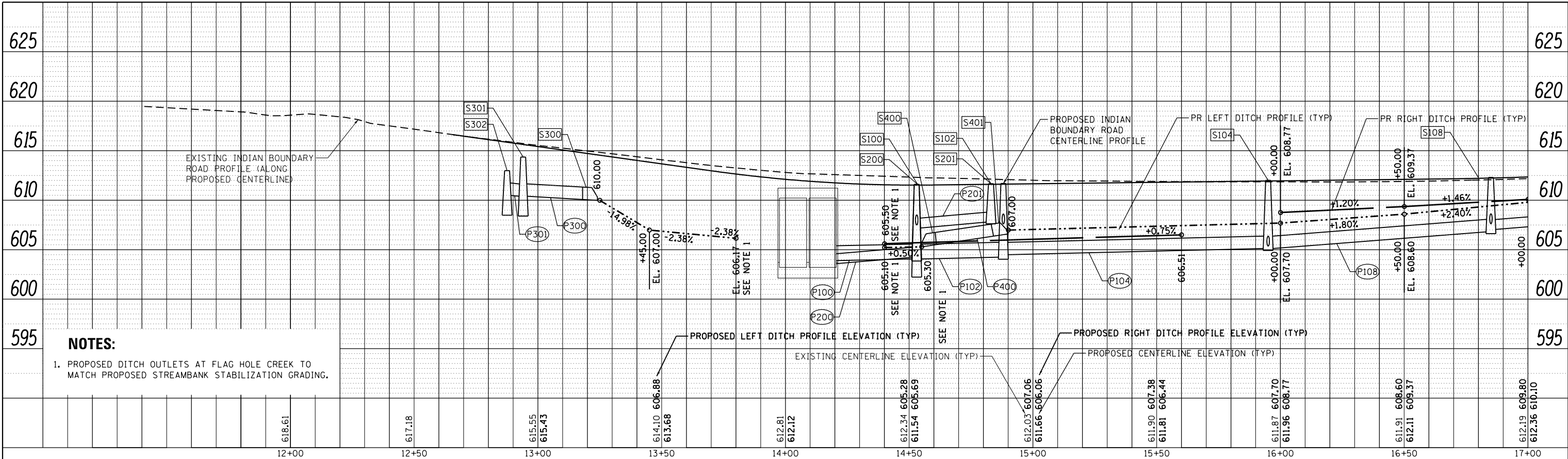
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
DRAINAGE AND WATER MAIN PLAN**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 17+00.00 TO STA. 21+56.33

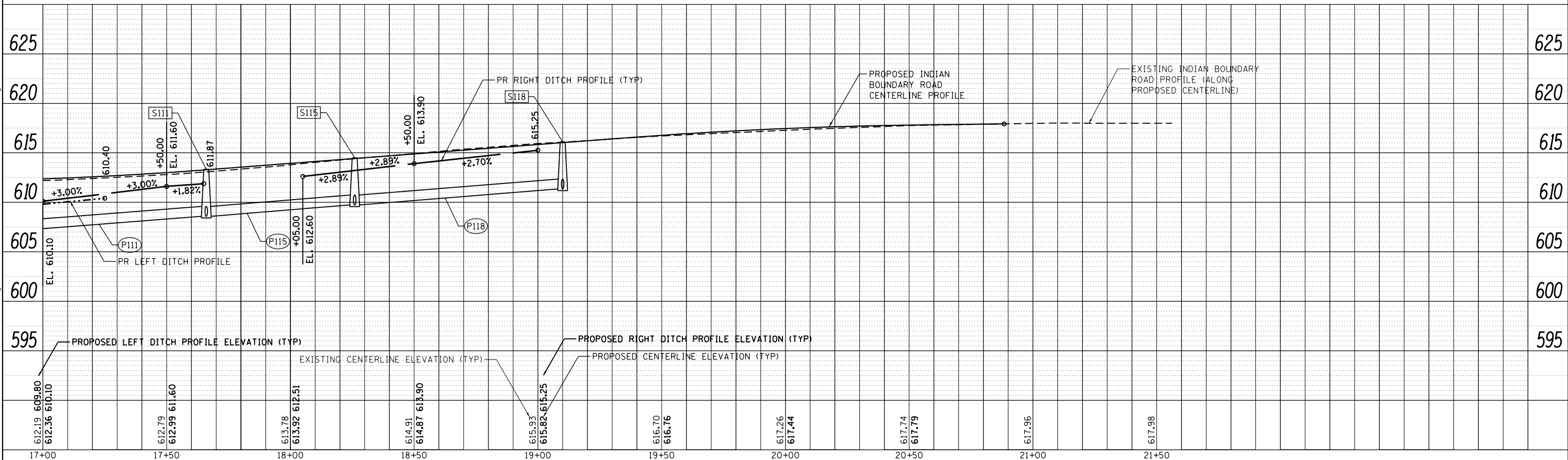
TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	30
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

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



NOTES:
 1. PROPOSED DITCH OUTLETS AT FLAG HOLE CREEK TO MATCH PROPOSED STREAMBANK STABILIZATION GRADING.

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



STRAND ASSOCIATES*
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = jackd
 MODEL NAME = Default
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 9/5/2023

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 DRAINAGE PROFILE**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 11+50.00 TO STA. 22+00.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	31
				CONTRACT NO. 61H25
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

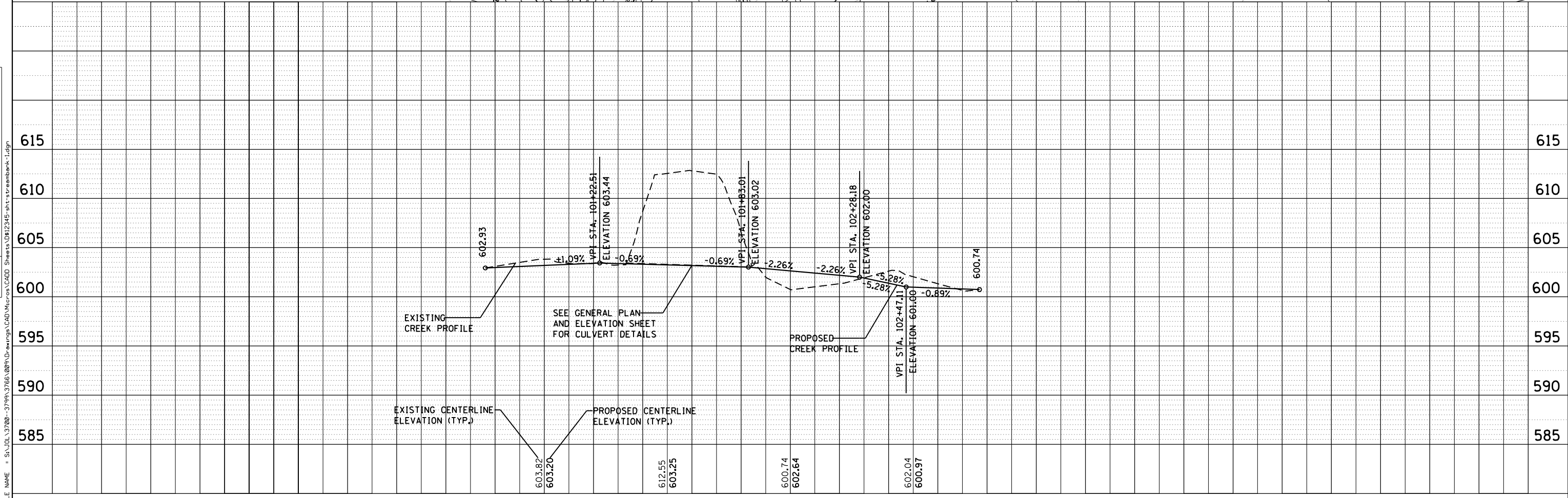
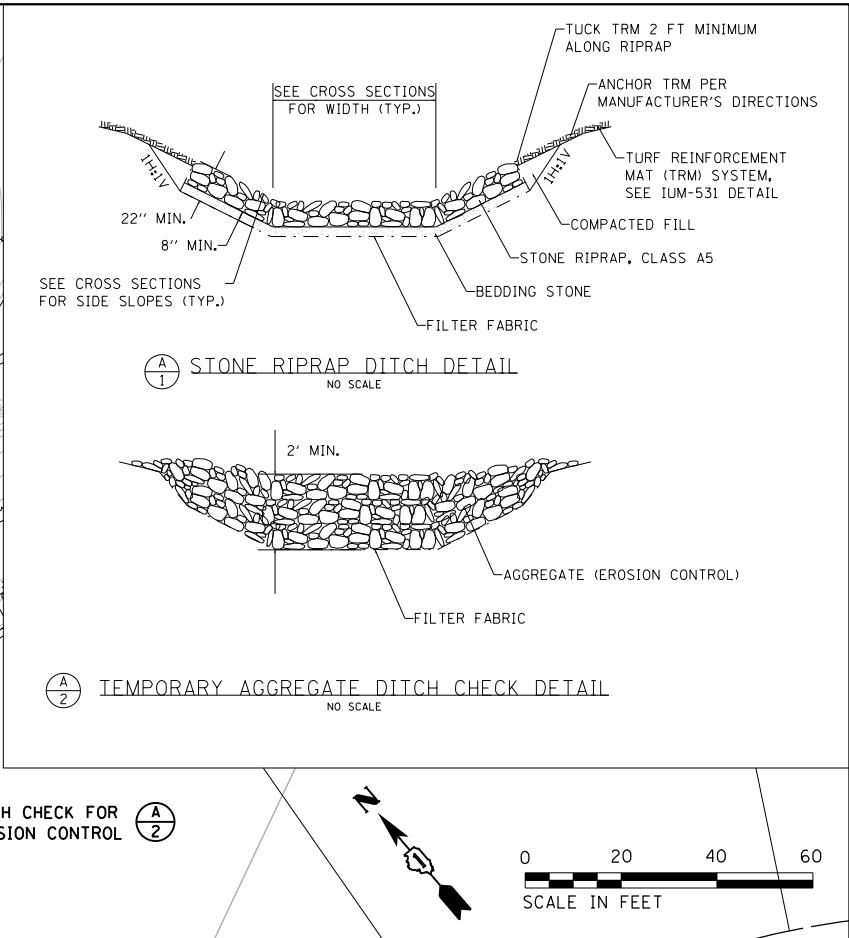
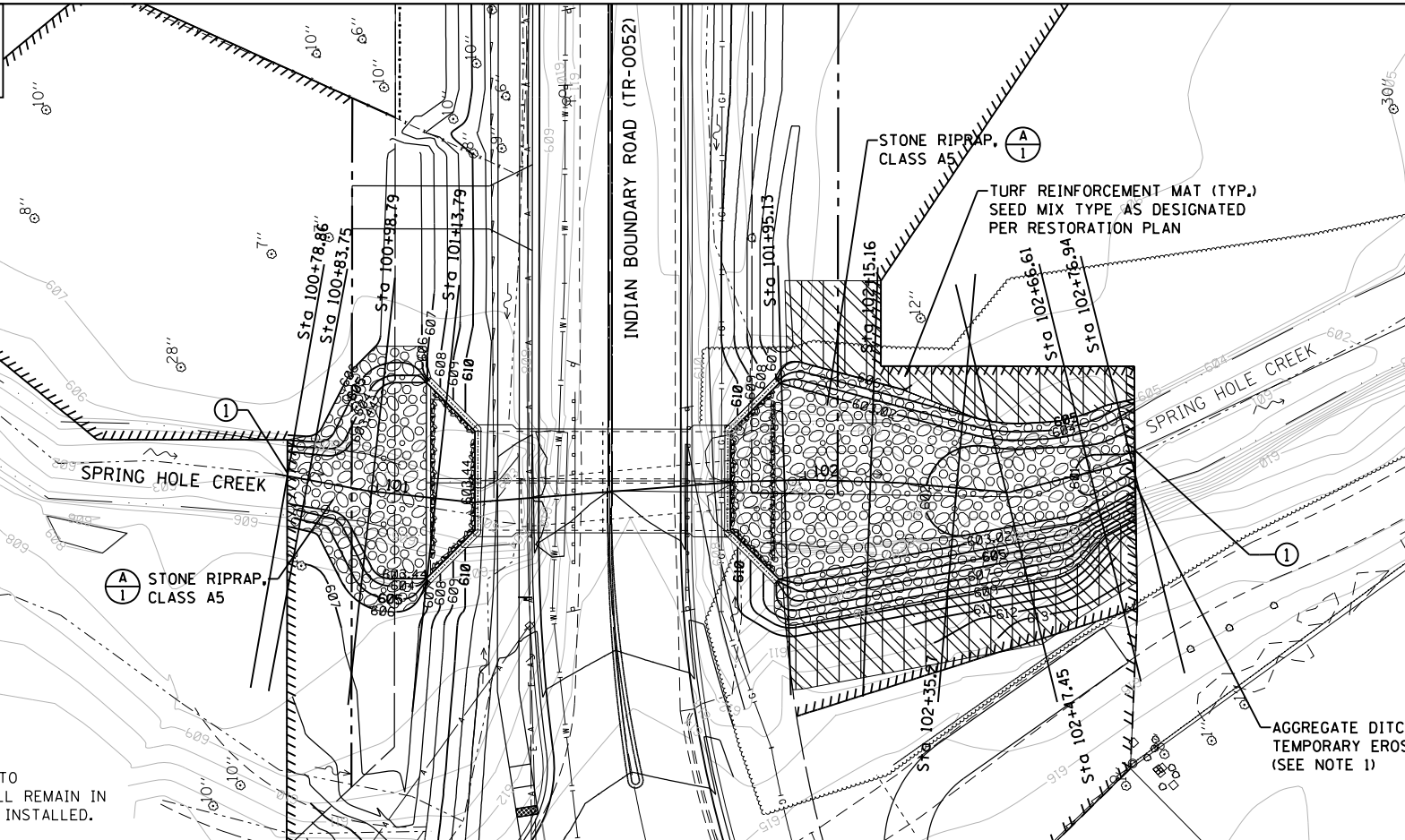
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

NOTES:

① EXCAVATE RIPRAP 3' WIDE BY 3' DEEP ACROSS CREEK TO PROTECT AGAINST SCOUR.

NOTES

1. TEMPORARY AGGREGATE DITCH CHECK TO BE INSTALLED PRIOR TO PERFORMING ANY STREAMBED-DISTURBING ACTIVITIES, AND SHALL REMAIN IN PLACE UNTIL PERMANENT STABILIZATION MEASURES HAVE BEEN INSTALLED.



STRAND ASSOCIATES*
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME =	jackd
MODEL NAME =	Default
PLOT SCALE =	40.0000' / in.
PLOT DATE =	9/5/2023
DESIGNED -	WRP
DRAWN -	WRP
CHECKED -	MAG
DATE -	7/11/2023
REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
STREAMBANK STABILIZATION PLAN

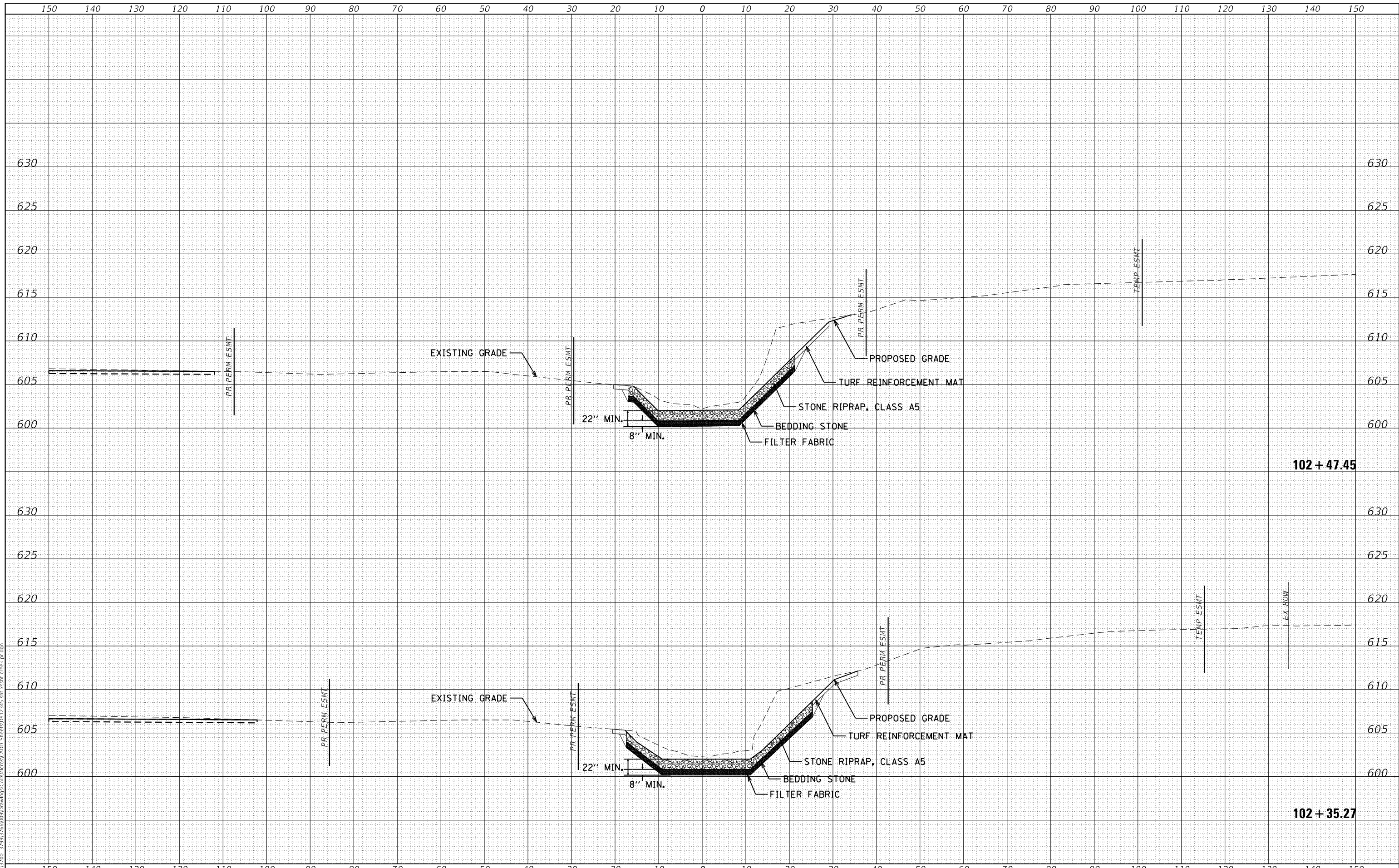
SCALE: 1"=20'
SHEET 1 OF 1 SHEETS
STA. 100+78.60 TO STA. 102+76.94

TR R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	33
				CONTRACT NO. 61H25
ILLINOIS FED. AID PROJECT				

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

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

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1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
STRAND ASSOCIATES

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

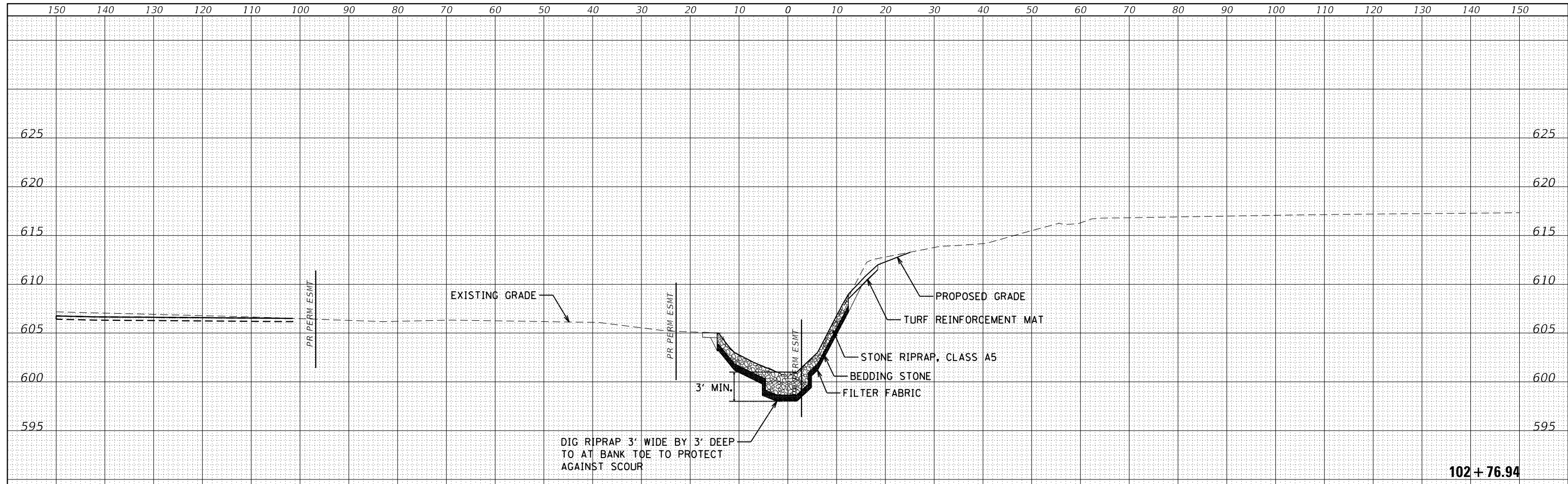
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 STREAMBANK STABILIZATION CROSS SECTIONS**

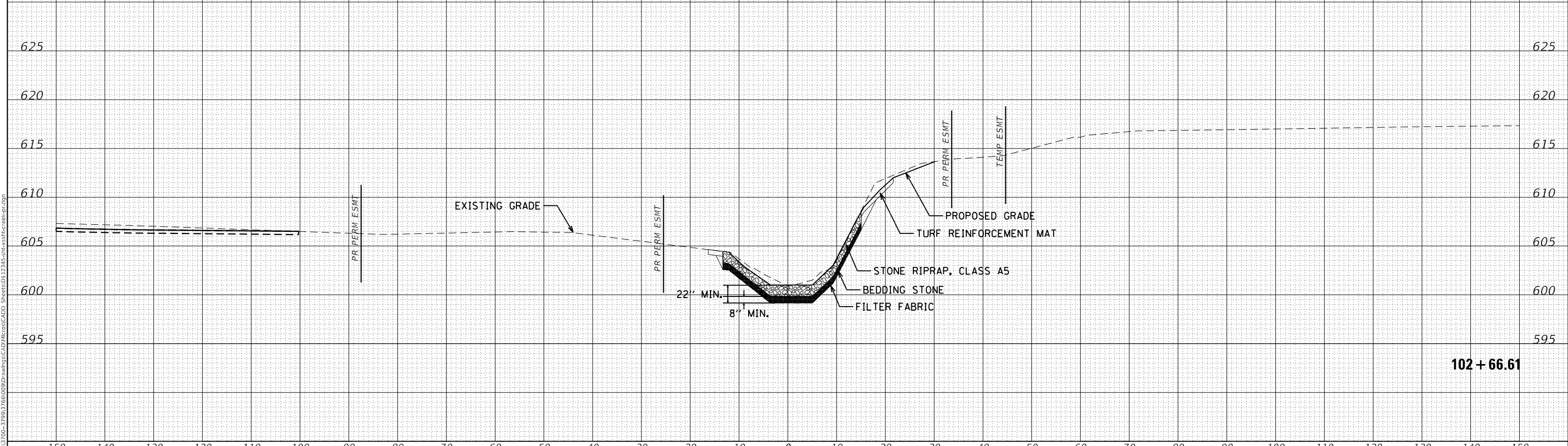
SCALE: 10H 5V SHEET 4 OF 5 SHEETS STA. 102+35.27 TO STA. 102+47.45

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	37
				CONTRACT NO. 61H25
ILLINOIS FED. AID PROJECT				

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



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



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STRAND ASSOCIATES*
 1170 SOUTH HOUBOLT ROAD
 JULIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
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PLOT DATE = 9/5/2023	DATE -	REVISED -

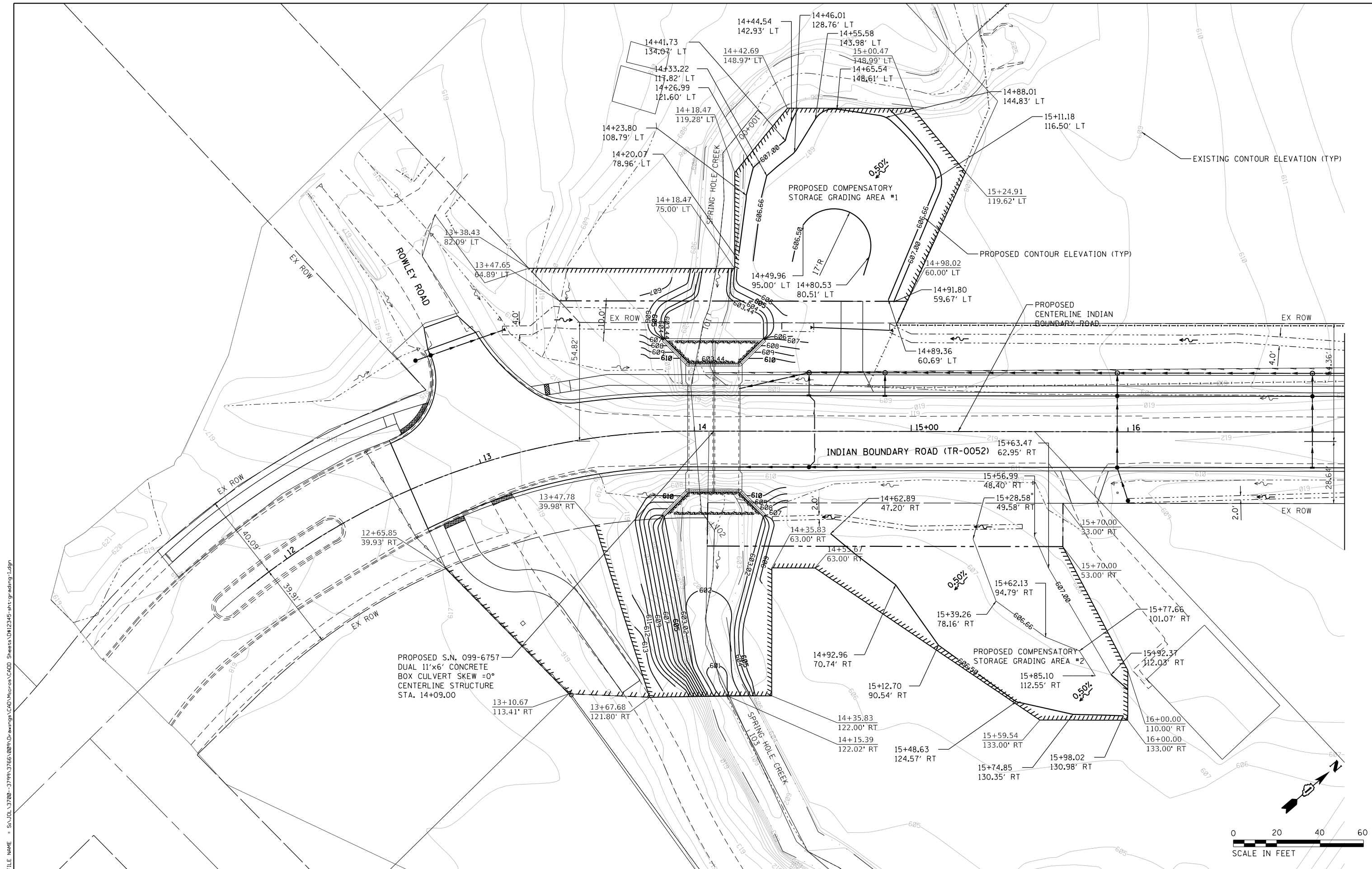
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 STREAMBANK STABILIZATION CROSS SECTIONS**

SCALE: 10H 5V SHEET 5 OF 5 SHEETS STA. 102+66.61 TO STA. 102+76.94

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	38
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

FILE NAME = SA\JUL\37200-3799\37665\009\Dr\arrog\CAAD\Micro\CAAD\Sheets\08\2345-shr-gradng-1.dgn



PROPOSED S.N. 099-6757
DUAL 11'x6' CONCRETE
BOX CULVERT SKEW =0°
CENTERLINE STRUCTURE
STA. 14+09.00

EXISTING CONTOUR ELEVATION (TYP)

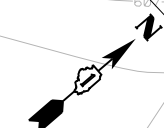
PROPOSED CONTOUR ELEVATION (TYP)

PROPOSED CENTERLINE INDIAN
BOUNDARY ROAD

INDIAN BOUNDARY ROAD (TR-0052)

PROPOSED COMPENSATORY
STORAGE GRADING AREA #2

PROPOSED COMPENSATORY
STORAGE GRADING AREA #1



SA STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
COMPENSATORY STORAGE GRADING PLAN**

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 11+50.00 TO STA. 17+00.00

TR R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	39
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

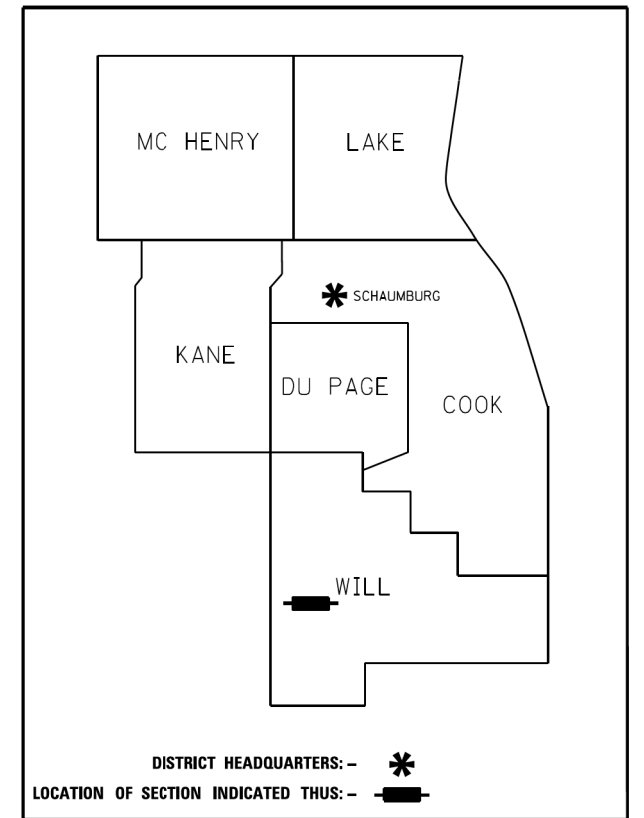
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

ROUTE: INDIAN BOUNDARY ROAD
SECTION: 17-00064-00-BR
COUNTY: WILL
LIMITS:
JOB NO.: R-91-025-19

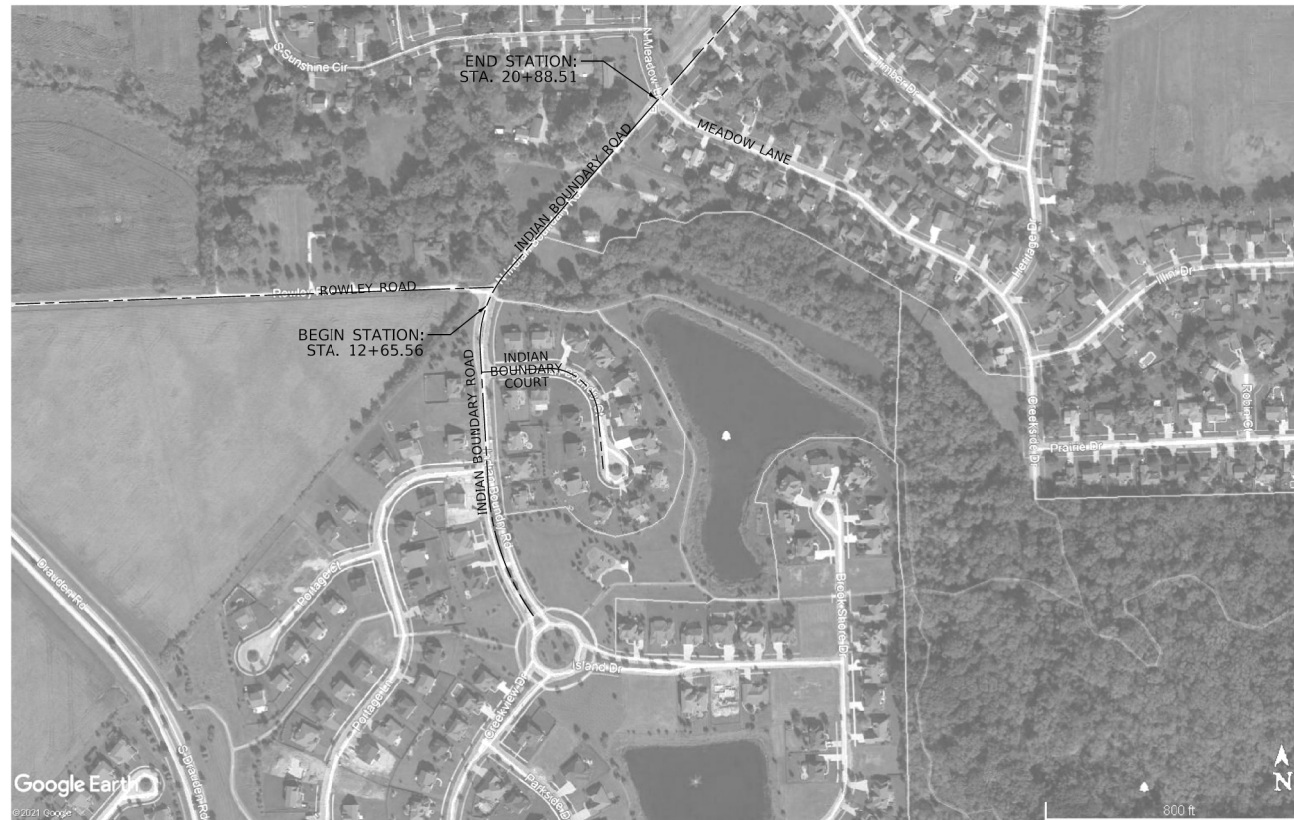
SHEET INDEX

- 1 COVER & OWNERS SHEET
- 2-3 PLAT OF HIGHWAYS
- 4 TOTAL HOLDINGS

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001	WILLIAM J. KLINGER, SR., AS TRUSTEE UNDER TRUST AGREEMENT DATED SEPTEMBER 5, 1992, AS AMENDED AND RESTATED	2	
0002	LAWRENCE M. SEE	3	
0003	PLAINFIELD PARK DISTRICT	3 & 4	



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



GROSS LENGTH = 822.95 FT. = 0.156 MILE

FILE NAME = SA\JUL\37200--3799\37665-00\91\Drawings\CAD\Micros\CADD_Sheets\D12345-ah1-plot.dgn



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MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD PLAT OF HIGHWAYS	
SCALE:	SHEET 1 OF 4 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	40
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

PART OF THE NW 1/4 OF SECTION 17, TWP. 36 N., R. 9 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 ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
0001	1.564	0.035 (1,534 SQ.FT.)		1.529			06-03-17-100-023
0001PE					0.213	9,270	

LEGEND
 ⊕ ADVERTISEMENT SIGN
 ⊕ MAILBOX
 ⊕ LIGHT POLE
 ⊕ POWER POLE
 ⊕ TREE

PROPOSED INDIAN BOUNDARY ROAD CURVE
 DATA CURVE NO. CURVE-1
 $\Delta = 39^\circ 07' 01''$ (RT)
 $R = 325.00'$
 $T = 115.46'$
 $L = 221.88'$
 PC STA. = 11+77.31
 N: 1,796,826.294 E: 1,011,787.559
 PT STA. = 13+99.19
 N: 1,797,028.537 E: 1,011,867.853

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

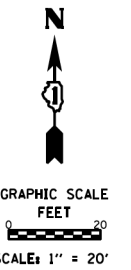
PT. NO.	STATION	OFFSET	NORTHING	EASTING
185	13+38.43	82.99'	1,797,021.0264	1,011,761.5771
157	13+47.65	64.89'	1,797,021.7447	1,011,782.1458
79	13+54.26	53.61'	1,797,022.2235	1,011,795.8582
160	14+18.46	75.00'	1,797,092.4487	1,011,824.1299
161	14+18.46	119.28'	1,797,121.6118	1,011,790.8317
162	14+42.71	149.00'	1,797,159.4416	1,011,784.4348
156	14+93.49	50.00'	1,797,132.4200	1,011,892.3701
158	14+98.01	60.00'	1,797,142.4027	1,011,887.8201
163	15+00.46	149.00'	1,797,202.8899	1,011,822.4875
164	15+24.91	119.62'	1,797,201.9201	1,011,860.6922

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
- ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR 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.
- M 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 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARINGS, DISTANCES, AND COORDINATES SHOWN HEREON ARE REFERENCED TO 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 SHOWN BY THE COMBINATION FACTOR OF 0.99995083.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON DECEMBER 2017.

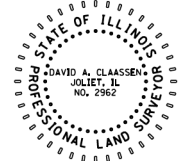
STATE OF ILLINOIS)
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039), HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 36 NORTH, RANGE 9 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 VILLAGE OF PLAINFIELD, ILLINOIS.

DATED AT _____, ILLINOIS THIS ____ DAY OF _____, 2021 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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



CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurevey.com
 CWA Job #6582

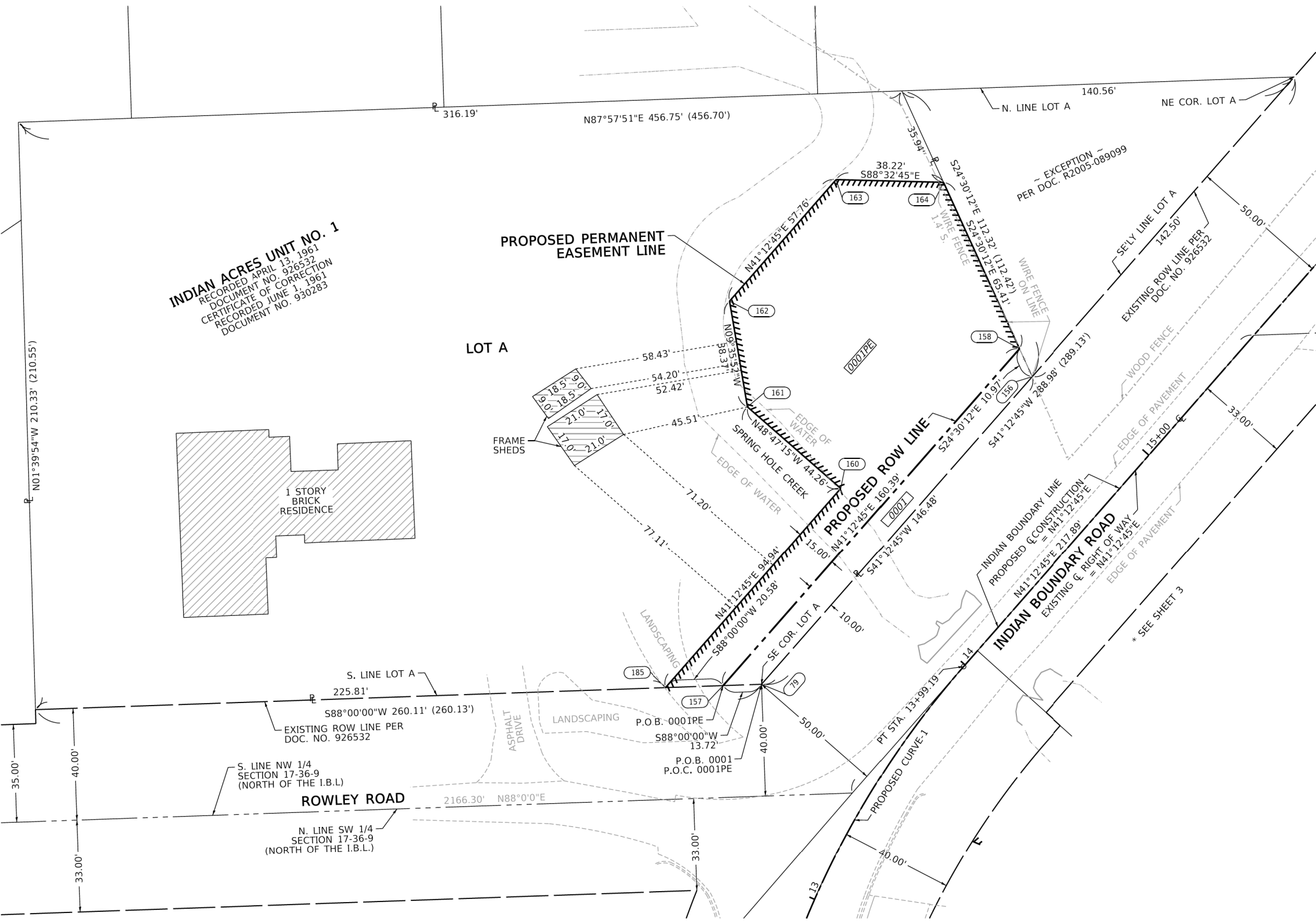
PLAT OF HIGHWAYS
INDIAN BOUNDARY ROAD
OVER SPRING HOLE CREEK

LIMITS: COUNTY: WILL
 SECTION: 17-00064-00-BR JOB NO.: R-91-025-19
 STA. 13+38.43 TO STA. 15+24.91
 SCALE: 1" = 20' SHEET 2 OF 4 SHEETS

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

TR. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	41

CONTRACT NO. 61H25
 ILLINOIS FED. AID PROJECT



FILE NAME = SA\JL\37200-3799\37665\009\Dr\armpg\CAD\Micros\CADD_Sheets\D8\2345-ah1-plot.dgn



USER NAME	DESIGNED	REVISED
jackd	-	-
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
 PLAT OF HIGHWAYS

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

PART OF THE SW 1/4 OF SECTION 17, TWP. 36 N., R. 9 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 ACRES	SQUARE FEET	PARCEL INDEX NUMBER
0002	1.304	0.201 (8,755 SQ.FT.)	0.126 (5,477 SQ.FT.)	1.103			06-03-17-300-004
0002PE					0.212	9,217	
0003PE	14.726			14.726	0.076	3,321	06-03-17-406-052
0003TE					0.094	4,115	

* WAITING FOR TITLE AS OF 05-10-2021

PROPOSED CURVE INDIAN BOUNDARY ROAD CURVE DATA CURVE NO. CURVE-1
 Δ = 39° 07' 01" (RT)
 R = 325.00'
 T = 115.46'
 L = 221.88'
 PC STA. = 11+77.31
 N: 1,796,826.294 E: 1,011,787.559
 PT STA. = 13+99.19
 N: 1,797,028.537 E: 1,011,867.853

LEGEND
 ○ ADVERTISEMENT SIGN
 □ MAILBOX
 ○ LIGHT POLE
 ○ POWER POLE
 ○ TREE

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 COORDINATE TABLE ~ INDIAN BOUNDARY ROAD

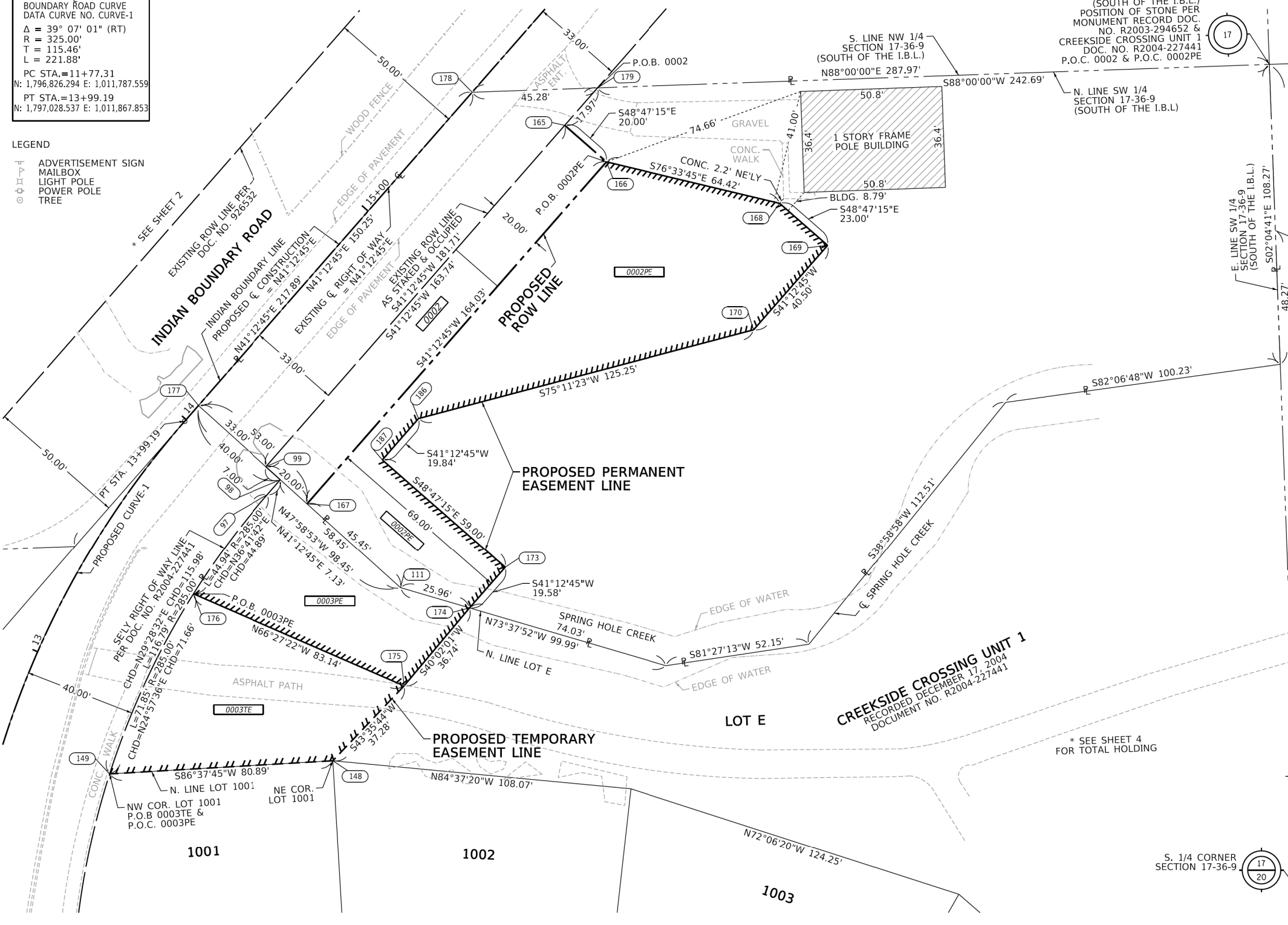
PT.NO.	STATION	OFFSET	NORTHING	EASTING	PT.NO.	STATION	OFFSET	NORTHING	EASTING
149	12+65.85	39.93' RT.	1,796,901.1037	1,011,840.7782	187	14+35.84	63.00' RT.	1,797,014.5947	1,011,939.3884
148	13+10.67	113.41' RT.	1,796,905.8599	1,011,921.5296	173	14+35.84	122.00' RT.	1,796,975.7224	1,011,983.7724
176	13+47.78	39.98' RT.	1,796,966.0734	1,011,871.0189	186	14+55.67	63.00' RT.	1,797,029.5185	1,011,952.4589
175	13+67.68	121.80' RT.	1,796,932.8622	1,011,947.2396	178	15+56.99	0.00' RT.	1,797,147.2412	1,011,971.8160
97	13+99.02	40.00' RT.	1,797,002.0708	1,011,897.8457	170	15+59.54	133.00' RT.	1,797,061.5359	1,012,073.5516
111	14+05.35	98.45' RT.	1,796,968.3102	1,011,945.9710	165	15+70.02	33.00' RT.	1,797,135.3044	1,012,005.2287
167	14+05.99	55.00' RT.	1,796,998.7339	1,011,912.2041	166	15+70.02	53.00' RT.	1,797,122.1273	1,012,020.2741
98	14+06.18	40.00' RT.	1,797,007.4366	1,011,902.5451	179	15+87.99	33.00' RT.	1,797,148.8213	1,012,017.0670
99	14+06.28	33.00' RT.	1,797,012.1226	1,011,897.3441	168	16+00.04	110.00' RT.	1,797,107.1565	1,012,082.9328
177	14+06.74	0.00' RT.	1,797,034.2141	1,011,872.8251	169	16+00.04	133.00' RT.	1,797,092.0029	1,012,100.2351
174	14+16.26	122.00' RT.	1,796,960.9954	1,011,970.8743					

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, 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 667101.02 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARINGS, DISTANCES, AND COORDINATES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99995083.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
 5. FIELD SURVEY COMPLETED ON DECEMBER 2017.



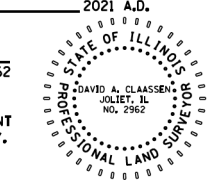
STATE OF ILLINOIS)
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 36 NORTH, RANGE 9 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 VILLAGE OF PLAINFIELD, ILLINOIS.

DATED AT _____, ILLINOIS THIS ____ DAY OF _____, 2021 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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



CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurvey.com
 CWA Job #6582

PLAT OF HIGHWAYS
INDIAN BOUNDARY ROAD
OVER SPRING HOLE CREEK

LIMITS: COUNTY: WILL
 SECTION: 17-00064-00-BR JOB NO.: R-91-025-19
 STA. 12+65.85 TO STA. 16+00.04
 SCALE: 1" = 20' SHEET 3 OF 4 SHEETS






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

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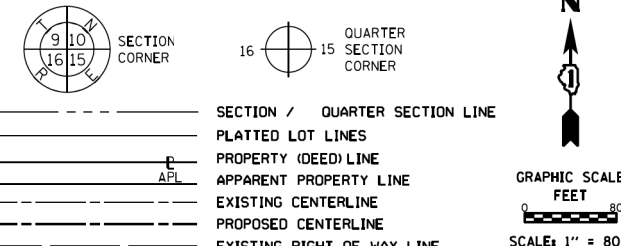
PART OF THE SW 1/4 OF SECTION 17, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
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0003TE					0.094	4,115	

PROPOSED INDIAN BOUNDARY ROAD CURVE
DATA CURVE NO. CURVE-1
 $\Delta = 39^\circ 07' 01''$ (RT)
 $R = 325.00'$
 $T = 115.46'$
 $L = 221.88'$
PC STA. = 11+77.31
N: 1,796,826.294 E: 1,011,787.559
PT STA. = 13+99.19
N: 1,797,028.537 E: 1,011,867.853

LEGEND
 ADVERTISEMENT SIGN
 MAILBOX
 LIGHT POLE
 POWER POLE
 TREE

LEGEND



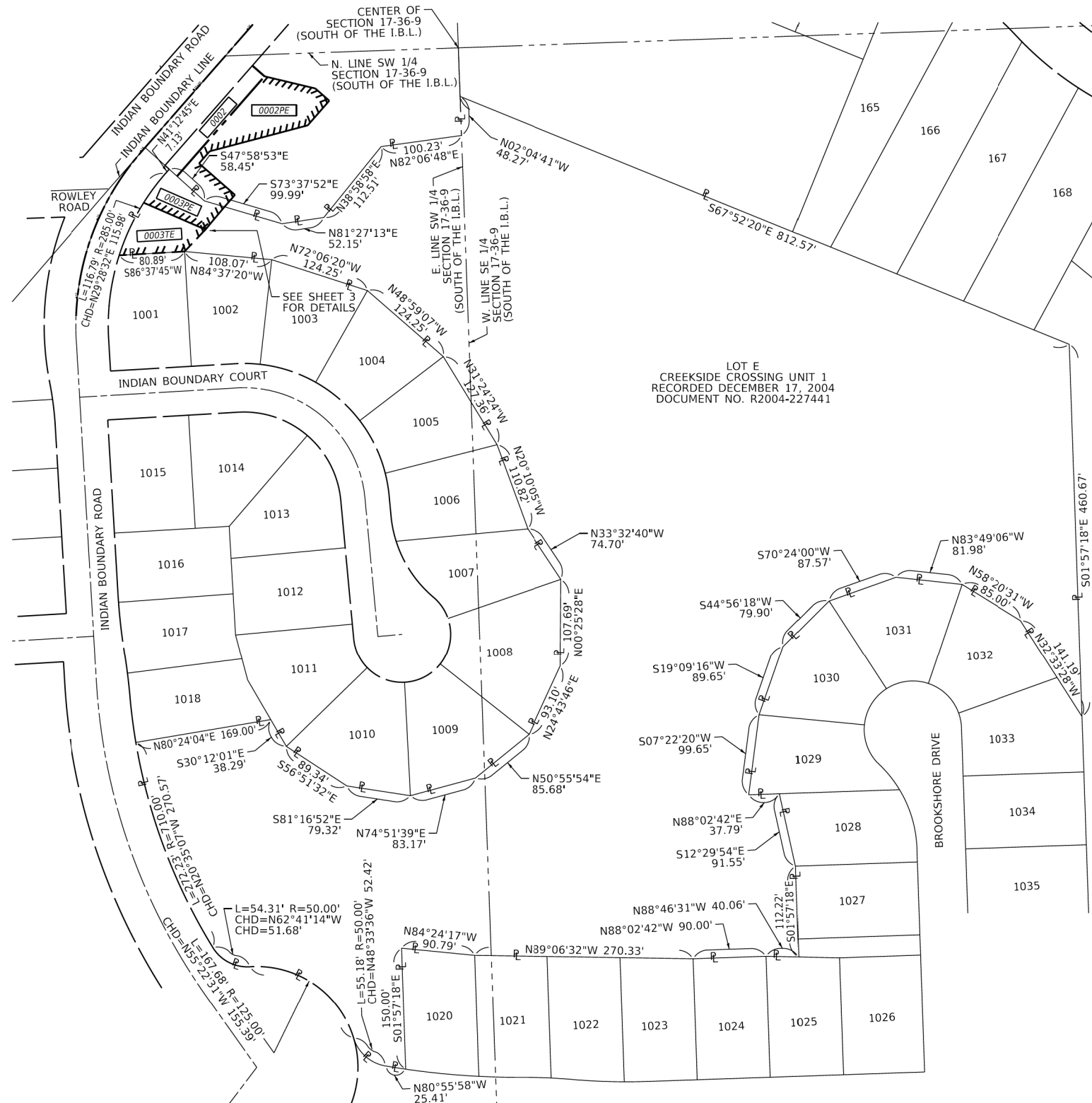
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 QUARTER SECTION CORNER
 SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
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 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

* WAITING FOR TITLE AS OF 05-10-2021

* FOR PARCEL DETAILS SEE SHEET 3 OF 4

TOTAL HOLDING 0003



- SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARINGS, DISTANCES, AND COORDINATES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
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 5. FIELD SURVEY COMPLETED ON DECEMBER 2017.

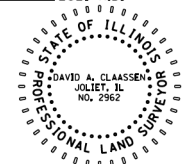
STATE OF ILLINOIS)
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT I, DAVID A. CLAASSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-004039,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 36 NORTH, RANGE 9 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 VILLAGE OF PLAINFIELD, ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____, 2021 A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

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



CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C. LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurvey.com
 CWA Job #6582

PLAT OF HIGHWAYS
INDIAN BOUNDARY ROAD
OVER SPRING HOLE CREEK

LIMITS: COUNTY: WILL
 SECTION: 17-00064-00-BR JOB NO.: R-91-025-19
 STA. TO STA.
 SCALE: 1" = 80' SHEET 4 OF 4 SHEETS

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

INDOT USE ONLY		COUNTY: WILL	
TR. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
0052	17-00064-00-BR	WILL	89
			SHEET 4 OF 4 SHEETS
CONTRACT NO. 61H25			

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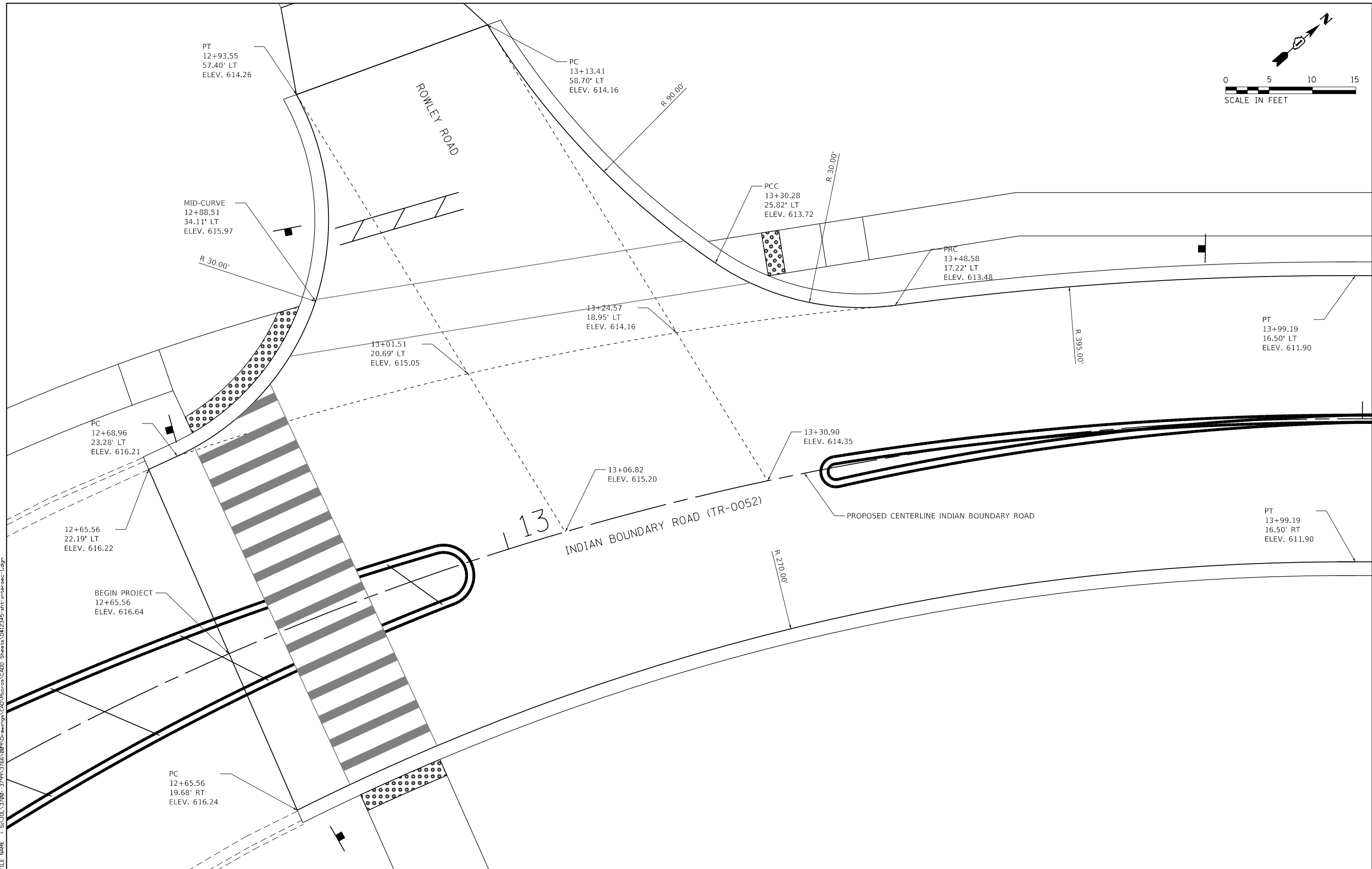
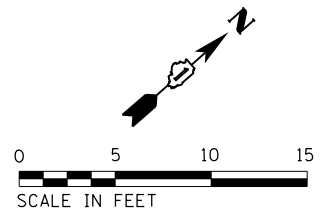
SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
 PLAT OF HIGHWAYS

SCALE:	SHEET 4 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT
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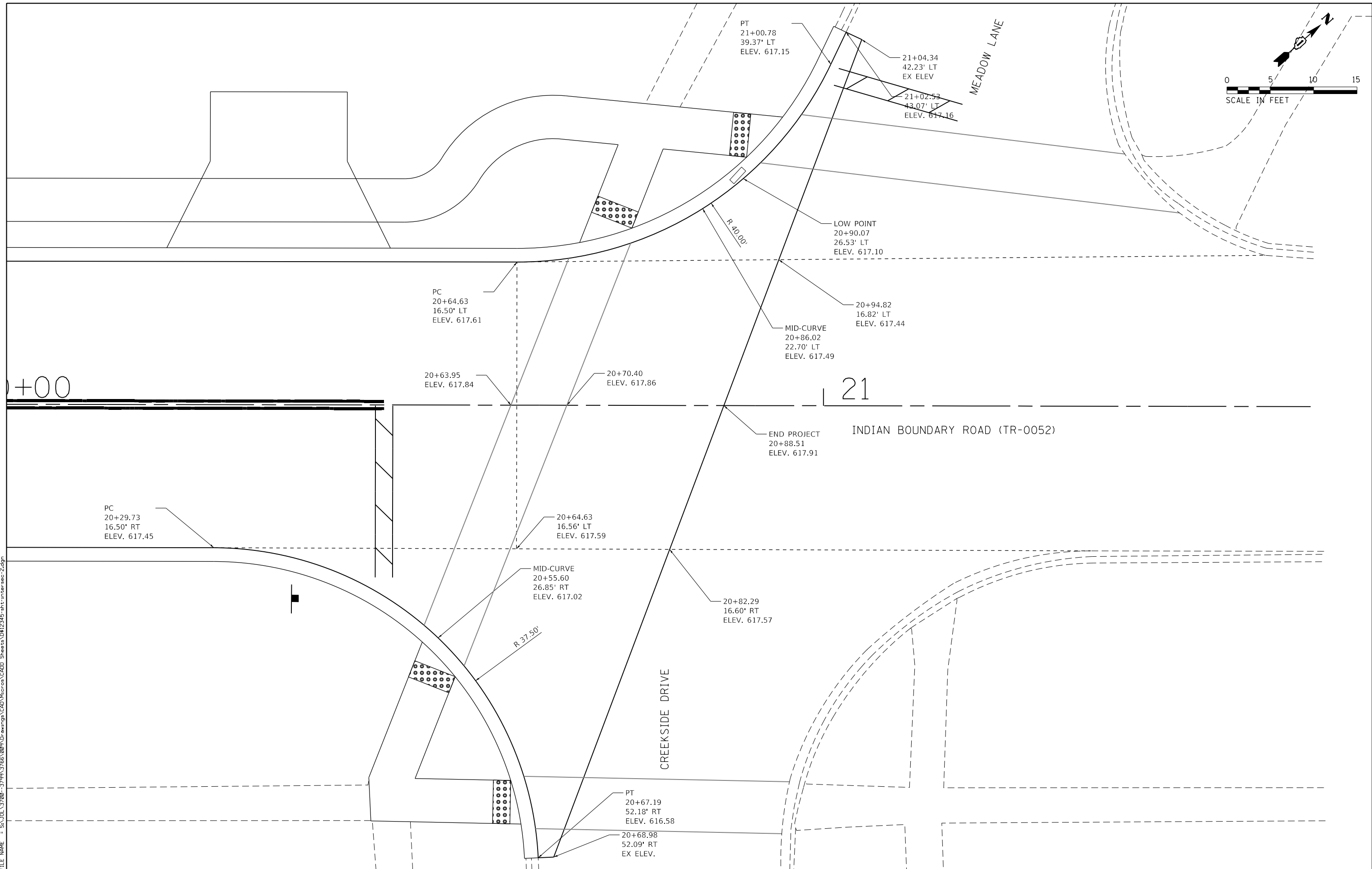
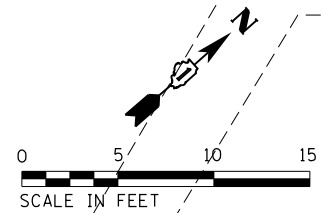
<p>1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200</p>	USER NAME = jackd	DESIGNED -	REVISED -
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	PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
INTERSECTION GRADING DETAIL**

SCALE: 1"=5' SHEET 1 OF 2 SHEETS STA. TO STA.

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	44
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				



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SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 INTERSECTION GRADING DETAIL**

SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	45
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

FILE NAME = SA\JUL\37200-3799\3766\009\Dr\evr\pgh\CAD\Micros\CAD00_Sheets\08\2345-shr-pmk\sign-1.dgn

EXISTING SIGN SCHEDULE									
EXISTING LOCATION			DESCRIPTION / DESIGNATION	REMOVE SIGN PANEL ASSEMBLY TYPE A (EACH)	RELOCATE SIGN PANEL ASSEMBLY TYPE A (EACH)	RELOCATE SIGN PANEL TYPE 1 (SF)	PROPOSED LOCATION		
STA.	OFFSET (FT)	LT/RT					STA.	OFFSET (FT)	LT/RT
12+89.17	43.47	LT	Street Name	1		1.0	12+89.00	43.00	LT
12+91.93	61.57	LT	Stop Sign (R1-1)	1				N/A	
13+19.23	60.62	LT	No Outlet (W14-2)				13+19.23	60.62	LT
13+78.15	17.48	RT	Object Marker (OM-3)	1				N/A	
13+79.69	9.15	LT	Object Marker (OM-3)	1				N/A	
14+25.78	17.98	RT	Object Marker (OM-3)	1				N/A	
14+36.09	8.58	LT	Object Marker (OM-3)	1				N/A	
15+00.64	10.33	LT	Reflectors at Hydrant	1				N/A	
15+18.34	9.63	LT	Left Curve (W1-2L)	1				N/A	
16+83.02	20.35	RT	Stop Ahead (W3-1)		1		16+83.31	21.09	RT
17+77.66	11.29	LT	Reflectors at Hydrant	1				N/A	
18+49.97	22.58	RT	Residential Speed Limit		1		18+49.50	21.18	RT
20+38.68	22.77	RT	Stop Sign (R1-1)		1		20+38.68	22.32	RT
20+38.68	22.77	RT	All Way (R1-3P)		1		20+38.68	22.32	RT

PROPOSED SIGN SCHEDULE					
PROPOSED LOCATION			DESCRIPTION / DESIGNATION	SIGN PANEL TYPE 1 (SF)	TELESCOPING STEEL SIGN SUPPORT (FT)
STA.	OFFSET (FT)	LT/RT			
11+82.12	24.58	RT	Pedestrian (W11-2) Ahead (W16-9P)	9.0 2.0	14.5
12+68.72	24.47	RT	Pedestrian (W11-2) Arrow (W16-7P)	9.0 2.0	14.5
12+69.63	26.35	LT	Pedestrian (W11-2) Arrow (W16-7P)	9.0 2.0	14.5
12+88.35	43.14	LT	Stop (R-1) Cross Traffic Does Not Stop Plaque (W-4-4P)	5.2 2.0	14.0
12+72.26	40.98	RT	Bike Route (D11-1) Begin (M4-14)	3.0 2.0	10.0
12+72.26	40.98	RT	Bike Route (D11-1) End (M4-6)	3 2.0	
13+82.49	20.02	LT	Pedestrian (W11-2) Ahead (W16-9P)	9.0 2.0	0.0



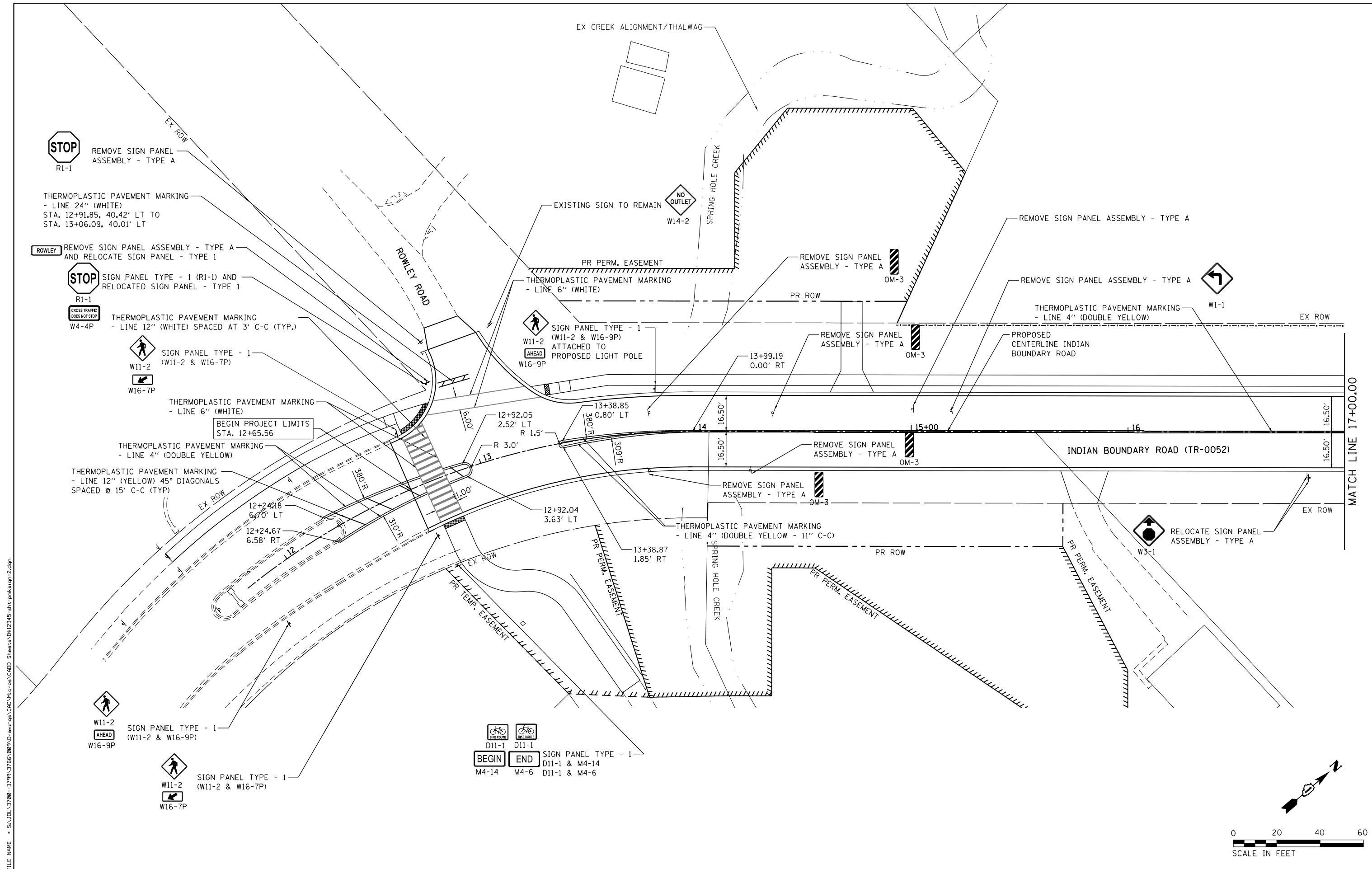
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PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDIAN BOUNDARY ROAD SIGNING SCHEDULE		TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA. 11+50.00	17-00064-00-BR	WILL	89	49
		TO STA. 17+00.00	CONTRACT NO. 61H25			

ILLINOIS FED. AID PROJECT	
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SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

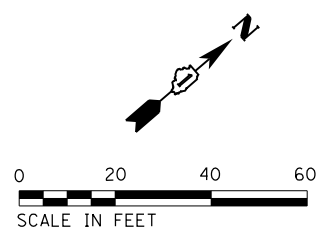
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PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

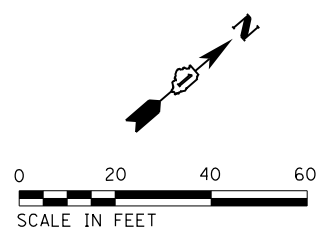
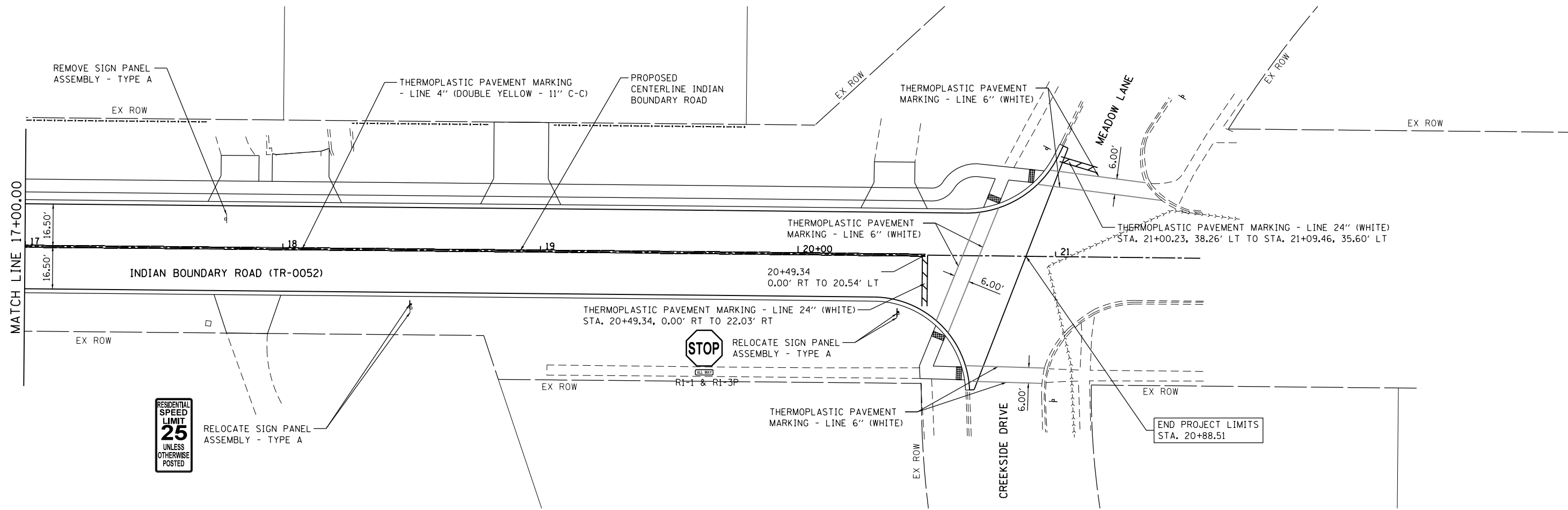
**INDIAN BOUNDARY ROAD
 PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 11+50.00 TO STA. 17+00.00

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	50
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				



FILE NAME = SA\JUL\37200--3799\37665\009\Dr\wrngp\CAD\Micros\CADD_Sheets\08\2345-shr\pmlagn-3.dgn



SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 PAVEMENT MARKING AND SIGNING PLAN**

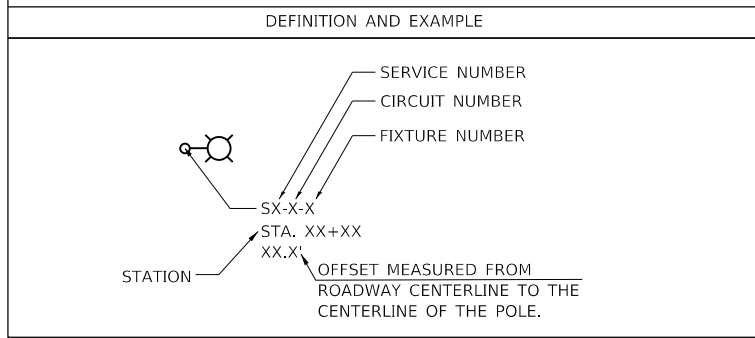
SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 17+00.00 TO STA. 21+56.33

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	51
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

LIGHTING AND ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	EXISTING LIGHT POLE
	EXISTING UNIT DUCT
	REINFORCED CONCRETE LIGHT POLE, 25 FT M.H. 8 FT MAST ARM LED TYPE II, 10,000 LUMENS (58W), SPECIAL
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN CONCEALED CONDUIT, SIZE AND TYPE AS NOTED

CALL-OUT SAMPLE



ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LTFM	LIQUID TIGHT FLEXIBLE METALLIC
LPS	LOW PRESSURE SODIUM
M	METER
MA	MAST ARM
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSANGER WIRE
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
XFMR	TRANSFORMER
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE

GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS AND UNIT PRICE ITEMS.
- ALL NEW CONDUITS, UNIT DUCTS AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL BE APPROVED BY THE ENGINEER.
- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2023.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL THE LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER AT THE PRE CONSTRUCTION INSPECTION. THE EXACT LOCATION OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATION OF THE FINISHED GRADE SHALL REMAIN WITH THE CONTRACTOR.
- ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS NOTED OTHERWISE OR DIRECTED BY THE ENGINEER. THE LUMINAIRES MAY REQUIRE NIGHT-TIME OPTICAL ADJUSTMENT UPON INSPECTION BY THE ENGINEER.
- CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30 INCH DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE AS PART OF THE UNDERGROUND CONDUIT OR UNIT DUCT. THE INSTALLATION OF THE TAPE SHALL BE OBSERVED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- WHERE THE CONTRACTOR EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO FURTHER EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUITS, FOUNDATIONS AND UNIT DUCTS WITH THE ROADWAY, DRAINAGE, CURB, AND SIDEWALK WORK AND UNDERGROUND UTILITIES.
- SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR ABOVE-GRADE WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE ARE NOT PERMITTED.
- ALL MEASUREMENTS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY MEASUREMENTS IN THE FIELD.

ITEM	UNIT	TOTAL QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA. (81028180)	FOOT	350
*UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (81603034)	FOOT	1200
*ELECTRICAL CONNECTION TO EXISTING LIGHTING SYSTEM (XX006834)	EACH	1
*REINFORCED CONCRETE LIGHT POLE, SPECIAL (XX007795)	EACH	9
*LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE (XX009302)	EACH	9

* INDICATES SPECIAL PROVISION

INDEX OF DRAWINGS:

DRAWING NO.	TITLE
51	LEGEND, GENERAL NOTES, AND INDEX OF DRAWINGS
52-54	LIGHTING PLANS
55-56	LIGHTING DETAILS

VILLAGE OF PLAINFIELD STANDARD DETAILS

6005.1	RESIDENTIAL LIGHT POLE (SINGLE ARM)
6012.1	RESIDENTIAL METERED LIGHTING CONTROL PEDESTAL
6017.1	POLE HANDHOLE WIRING DIAGRAM; AND SPLICING

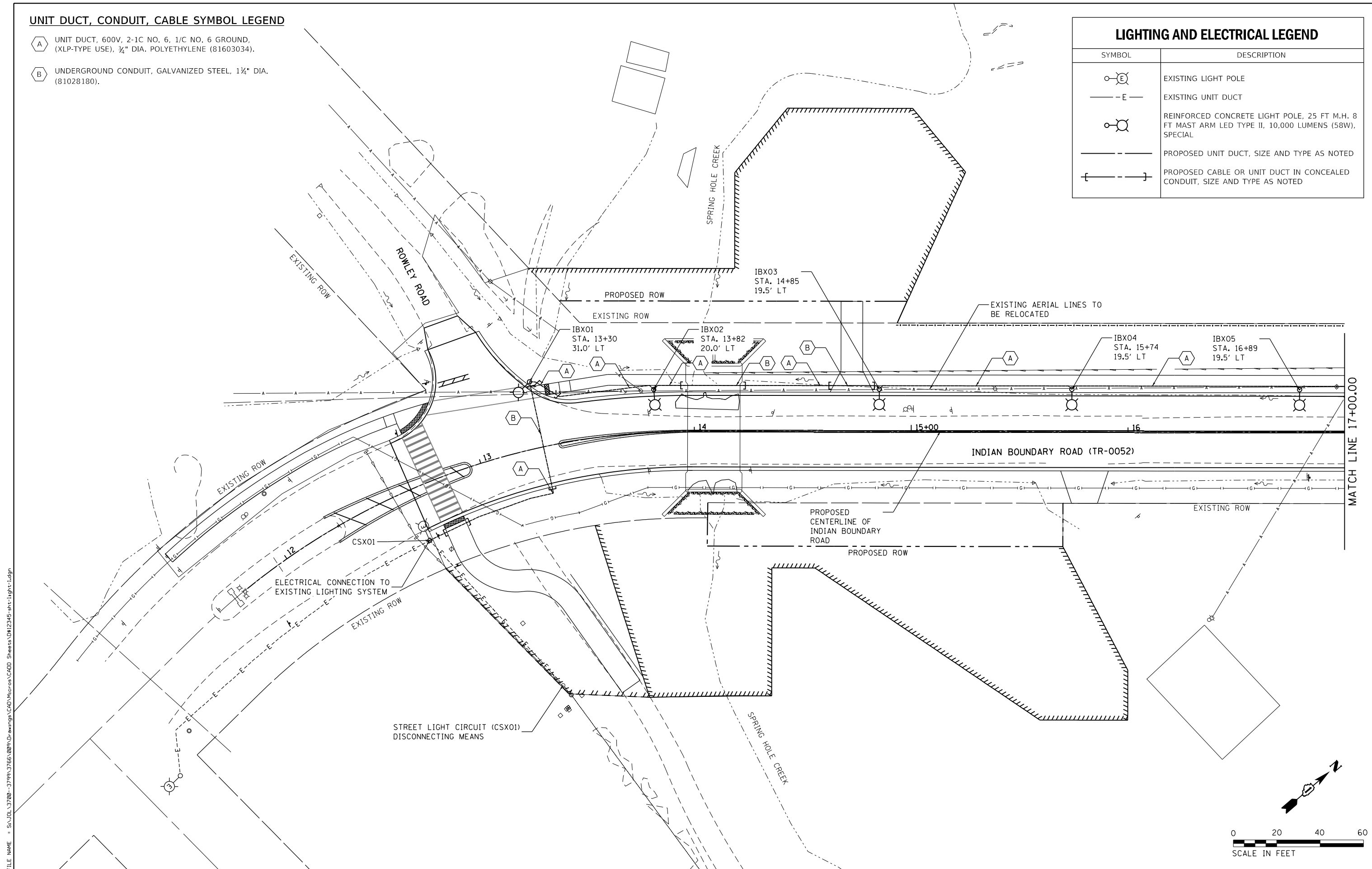
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UNIT DUCT, CONDUIT, CABLE SYMBOL LEGEND

- A** UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (81603034).
- B** UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA. (81028180).

LIGHTING AND ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	EXISTING LIGHT POLE
	EXISTING UNIT DUCT
	REINFORCED CONCRETE LIGHT POLE, 25 FT M.H. 8 FT MAST ARM LED TYPE II, 10,000 LUMENS (58W), SPECIAL
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN CONCEALED CONDUIT, SIZE AND TYPE AS NOTED



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SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 LIGHTING PLAN**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 11+50.00 TO STA. 17+00.00

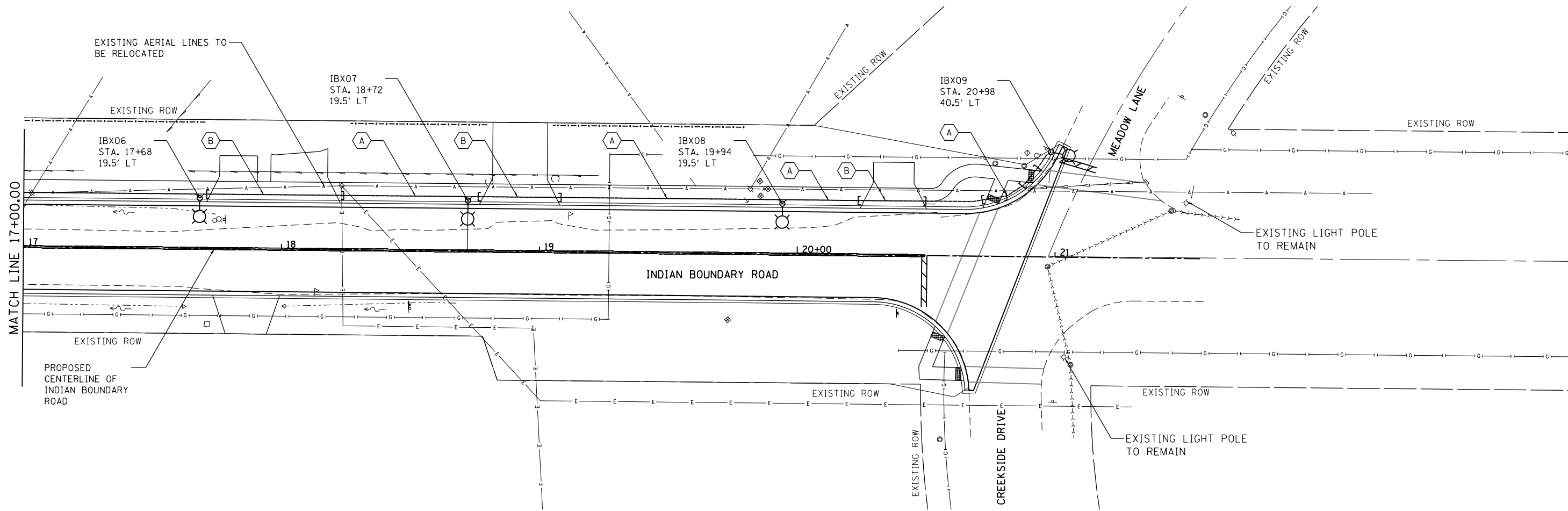
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0052	17-00064-00-BR	WILL	89	53
			CONTRACT NO. 61H25	
ILLINOIS FED. AID PROJECT				

LIGHTING AND ELECTRICAL LEGEND

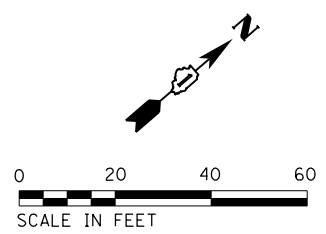
SYMBOL	DESCRIPTION
	EXISTING LIGHT POLE
	EXISTING UNIT DUCT
	REINFORCED CONCRETE LIGHT POLE, 25 FT M.H. 8 FT MAST ARM LED TYPE II, 10,000 LUMENS (58W), SPECIAL
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN CONCEALED CONDUIT, SIZE AND TYPE AS NOTED

UNIT DUCT, CONDUIT, CABLE SYMBOL LEGEND

- UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (81603034).
- UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA. (81028180).



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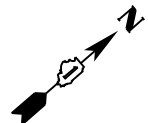
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PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

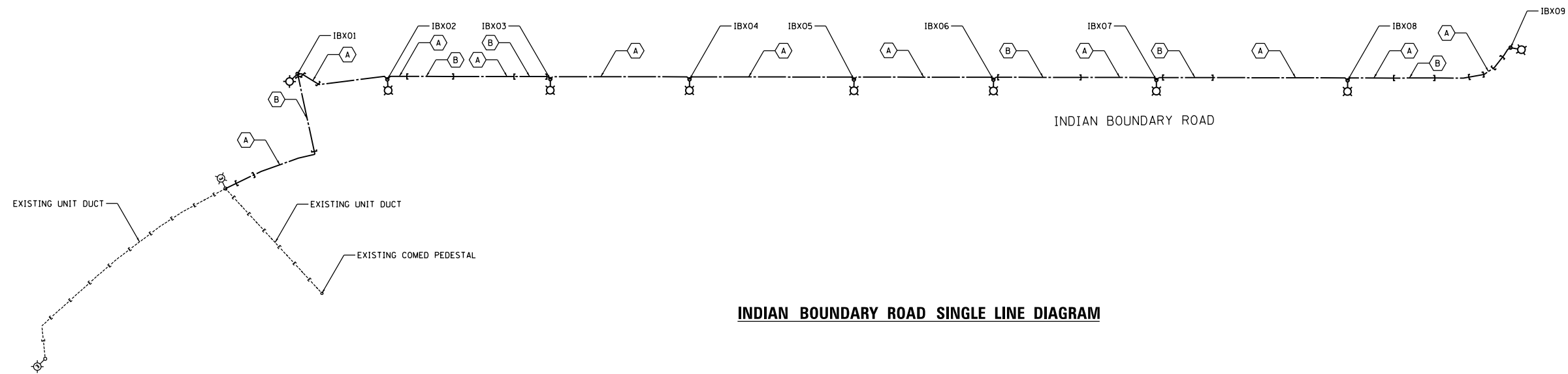
**INDIAN BOUNDARY ROAD
 LIGHTING PLAN**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 17+00.00 TO STA. 21+56.33

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	54
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				



Load Table			
EXISTING LIGHT POLE	240V CIRCUIT	WATTS	AMPS
CSX01	1	523	2.18



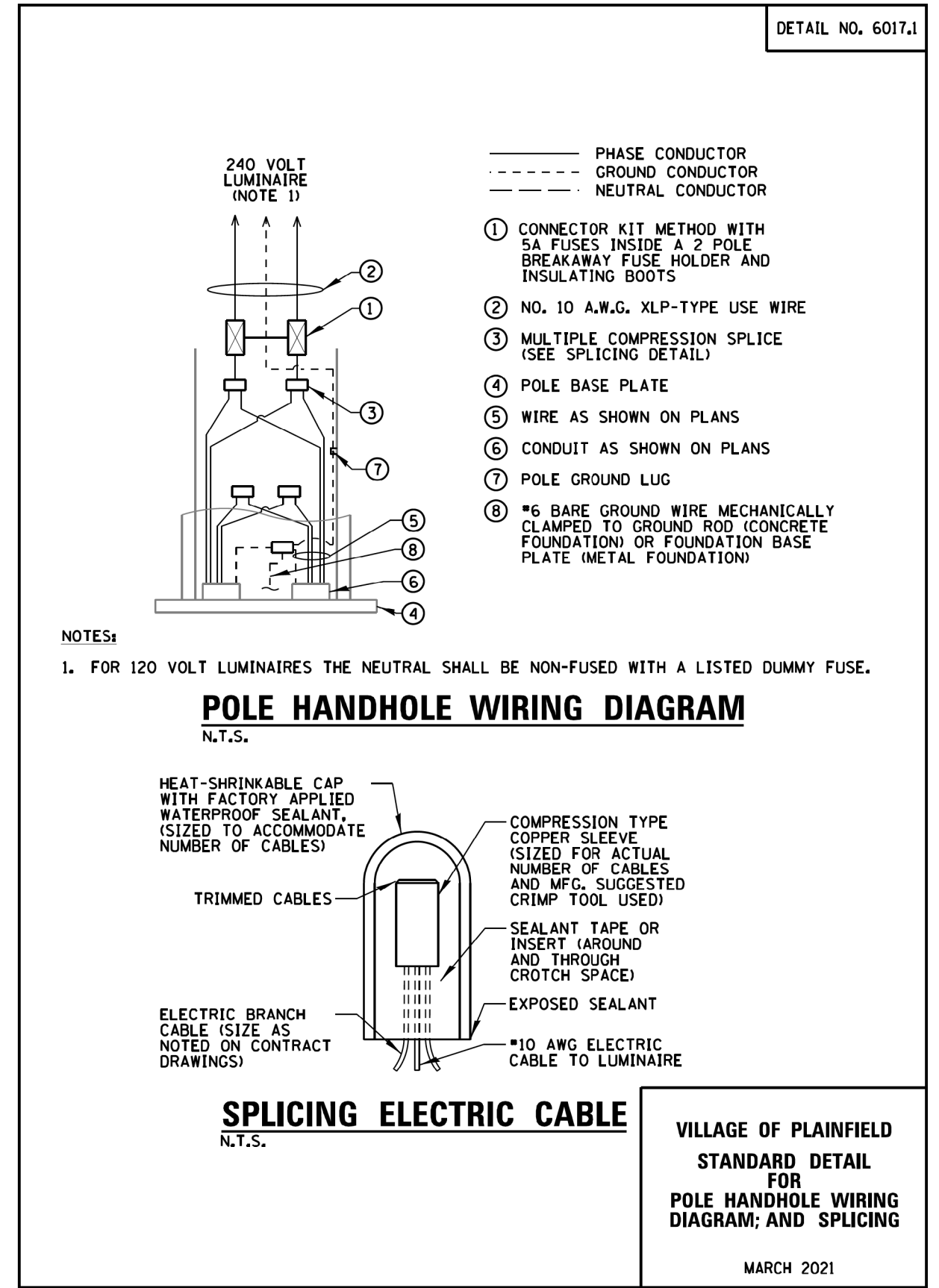
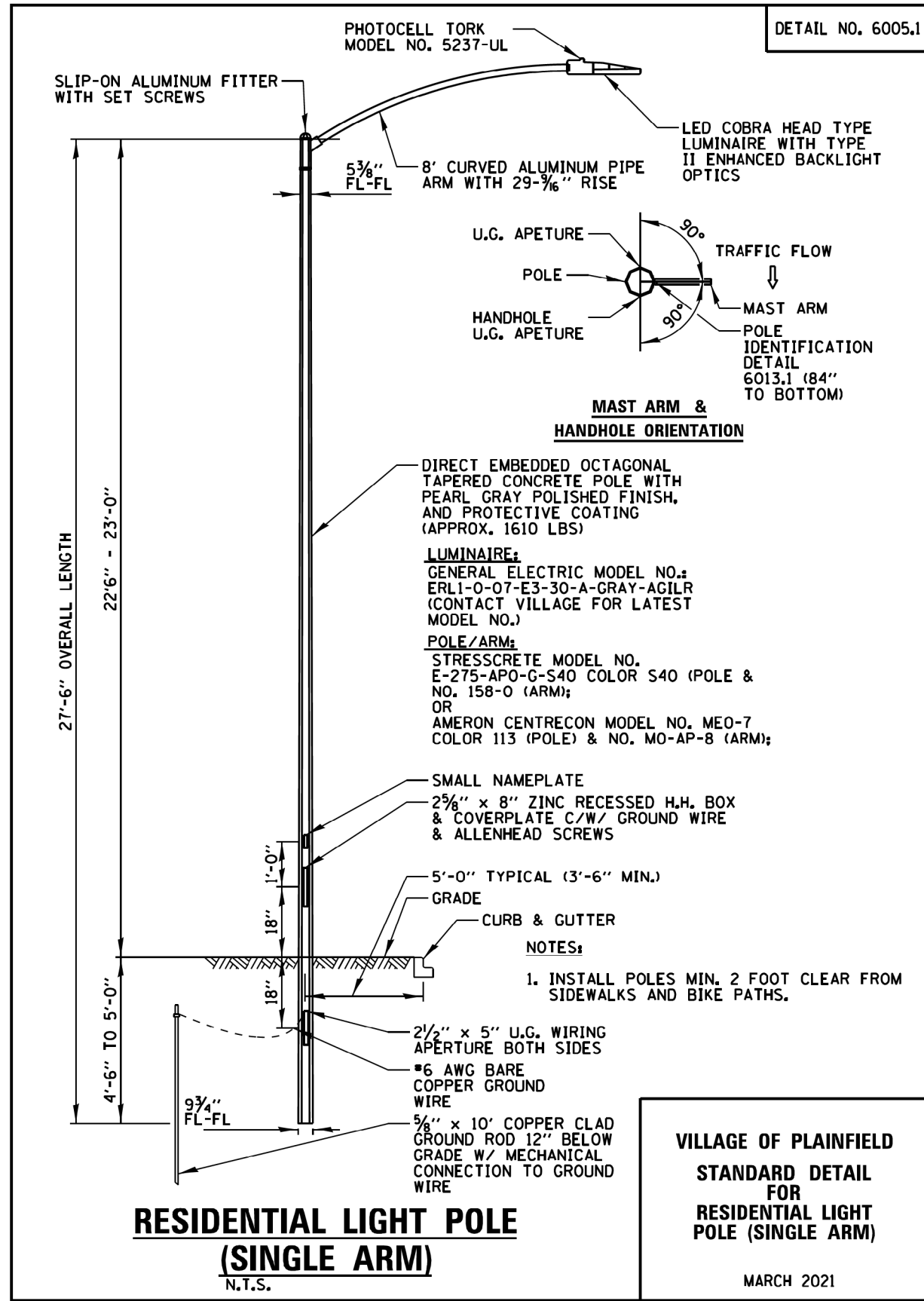
INDIAN BOUNDARY ROAD SINGLE LINE DIAGRAM

LIGHTING AND ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	EXISTING LIGHT POLE
	EXISTING UNIT DUCT
	REINFORCED CONCRETE LIGHT POLE, 25 FT M.H. 8 FT MAST ARM LED TYPE II, 10,000 LUMENS (58W), SPECIAL
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN CONCEALED CONDUIT, SIZE AND TYPE AS NOTED

UNIT DUCT, CONDUIT, CABLE SYMBOL LEGEND

- UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE (81603034).
- UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/4" DIA. (81028180).

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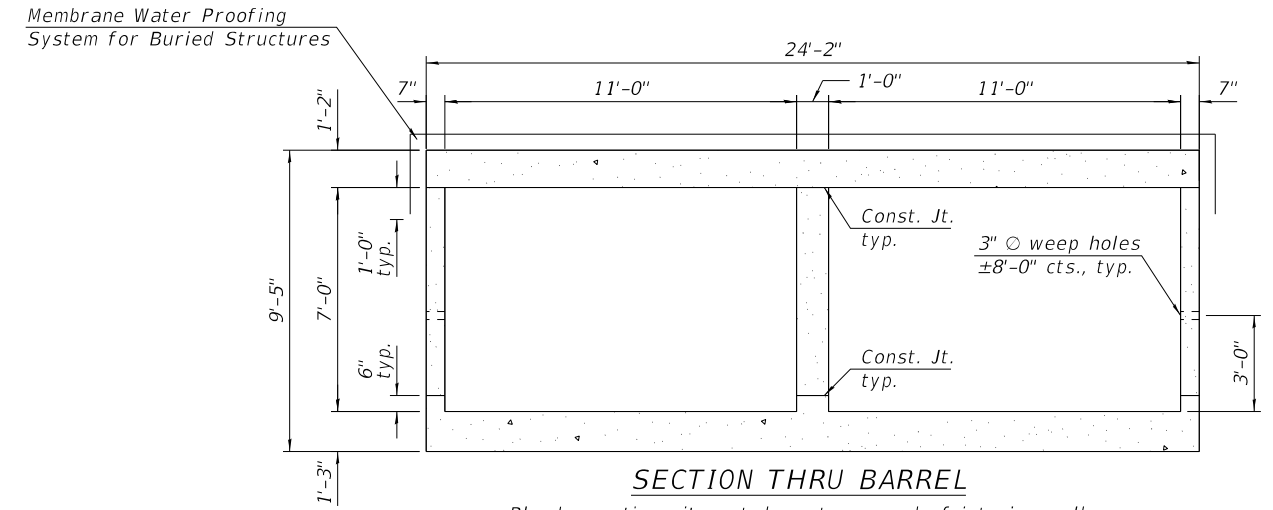


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MODEL NAME = Default	DRAWN -	REVISED -
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PLOT DATE = 9/5/2023	DATE -	REVISED -

GENERAL NOTES

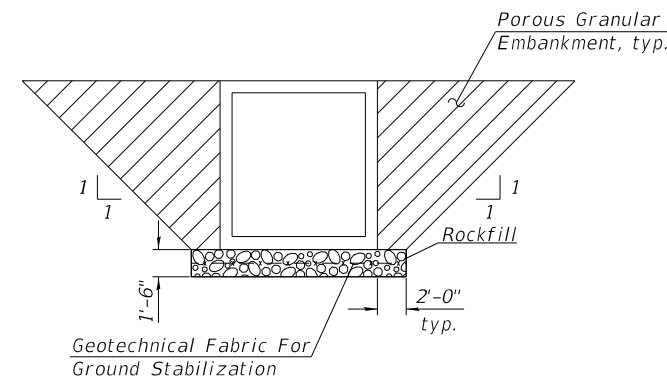
1. The Illinois Department of Transportation is not the owner of record for this culvert.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Bar indicated thus 8x3 - #4 etc. indicated 8 lines of bars with 3 lengths per line.
4. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity furnished at the unit price bid for the work.
5. Concrete Sealer shall not be applied to surfaces to which Waterproofing Membrane System is applied.
6. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3708 Floodway Construction permit number allowing permanent construction as shown in the contract plans.
7. The Contractor shall be responsible for diverting the water flow from the construction area using a method meeting the approval of the Engineer and included in the unit cost of Concrete Box Culverts.
8. The Contractor shall be responsible for groundwater control during construction of the box culvert. Water seepage shall be controlled as recommended in the geotechnical report and included in the unit cost of Concrete Box Culverts.



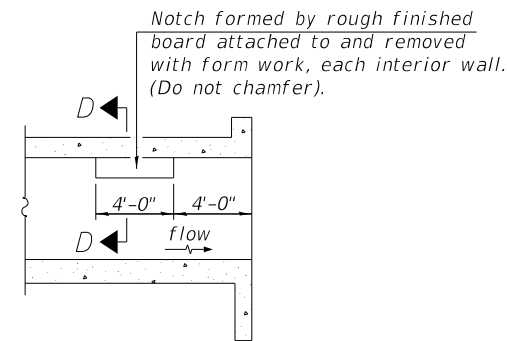
SECTION THRU BARREL
Phoebe nesting sites at downstream end of interior wall.

STATION 14+09
BUILT 20XX BY
VILLAGE OF PLAINFIELD
TR052 SEC17-00064-00-BR
LOADING HL-93
S.N. 099-6757

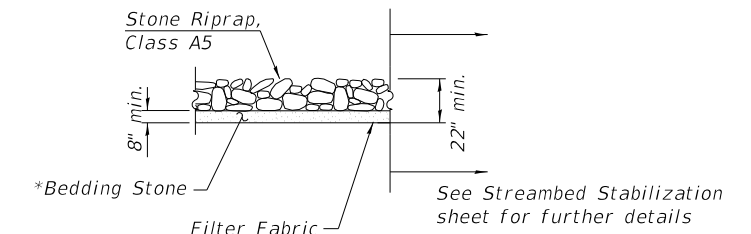
NAME PLATE
See Std. 515001



PAY LIMITS FOR POROUS GRANULAR EMBANKMENT AND ROCKFILL



LONGITUDINAL SECTION



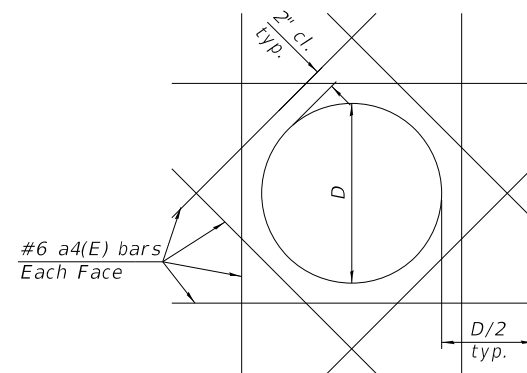
SECTION C-C

*Included in the cost of Stone Riprap, Class A5

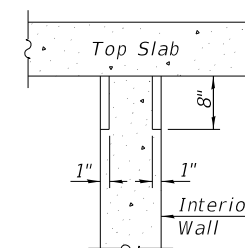
TOTAL BILL OF MATERIAL

Item	Unit	Total
Porous Granular Embankment	CU YD	315
Geotechnical Fabric for Ground Stabilization	SQ YD	186
* Stone Riprap, Class A5	SQ YD	90
* Filter Fabric	SQ YD	90
Removal of Existing Structures	EACH	1.0
Removal and Disposal of Unsuitable Material for Structures	CU YD	93
Form Liner Textured Surface	SQ FT	810
Reinforcement Bars, Epoxy Coated	LBS	57,950
Pedestrian Railing	FOOT	64
Parapet Railing	FOOT	47
Name Plates	EACH	1.0
Concrete Box Culverts	CU YD	238.4
Concrete Surface Color Treatment	SQ FT	810
Membrane Waterproofing System for Buried Structures	SQ YD	180
Rockfill	CU YD	93

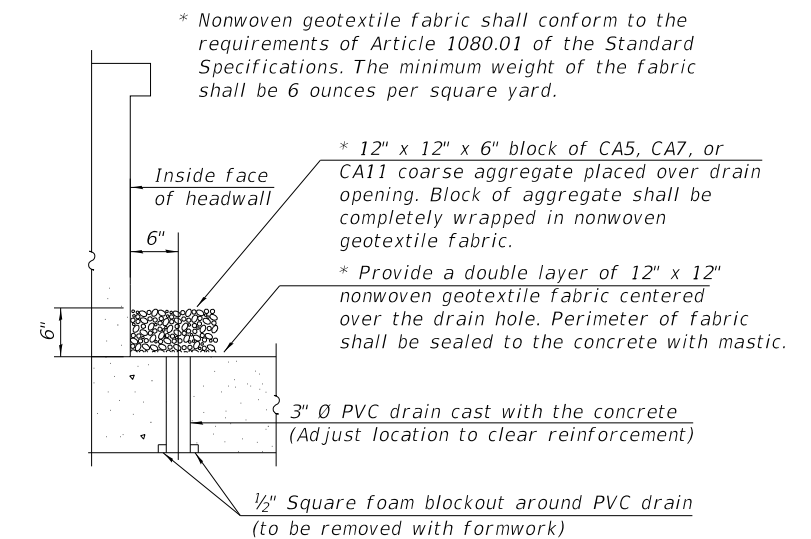
* Stone Riprap, Class 5A and Filter Fabric quantities are measured in the culvert opening between wingwalls as shown on the General Plan.



SEWER PIPE DETAIL



SECTION D-D PHOEBE NESTING SITE DETAILS
(Downstream End Only)



DRAIN DETAIL

(All costs associated with furnishing and constructing the above drain detail will not be measured for payment but shall be included in the contract unit price for the associated work.)

Headwall drains to be located center span of each cell each culvert end.

MODEL: Default
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SA STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

USER NAME =	DESIGNED - DWK	REVISED -
PLOT SCALE =	CHECKED - KRB	REVISED -
PLOT DATE =	DRAWN - DMF	REVISED -
	CHECKED - AJS	REVISED -

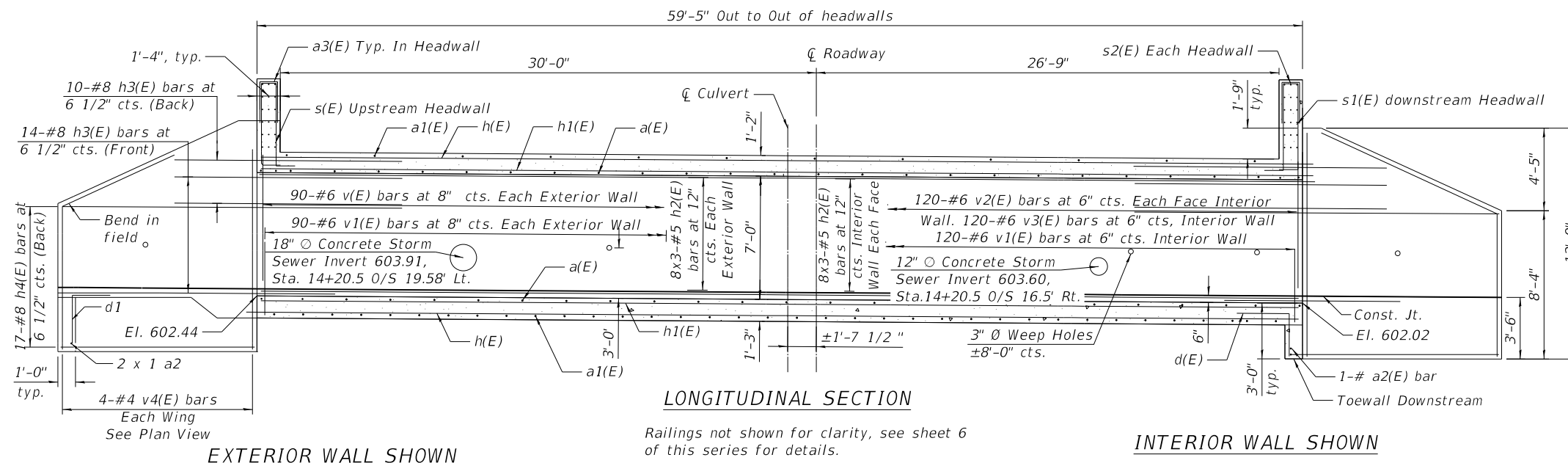
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND DETAILS
STRUCTURE NO. 099-6757

SHEET 2 OF 7 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	58
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

Note:
A distance of half the length of the wingwall but not less than six feet at the barrel shall be poured monolithically with the wingwalls.

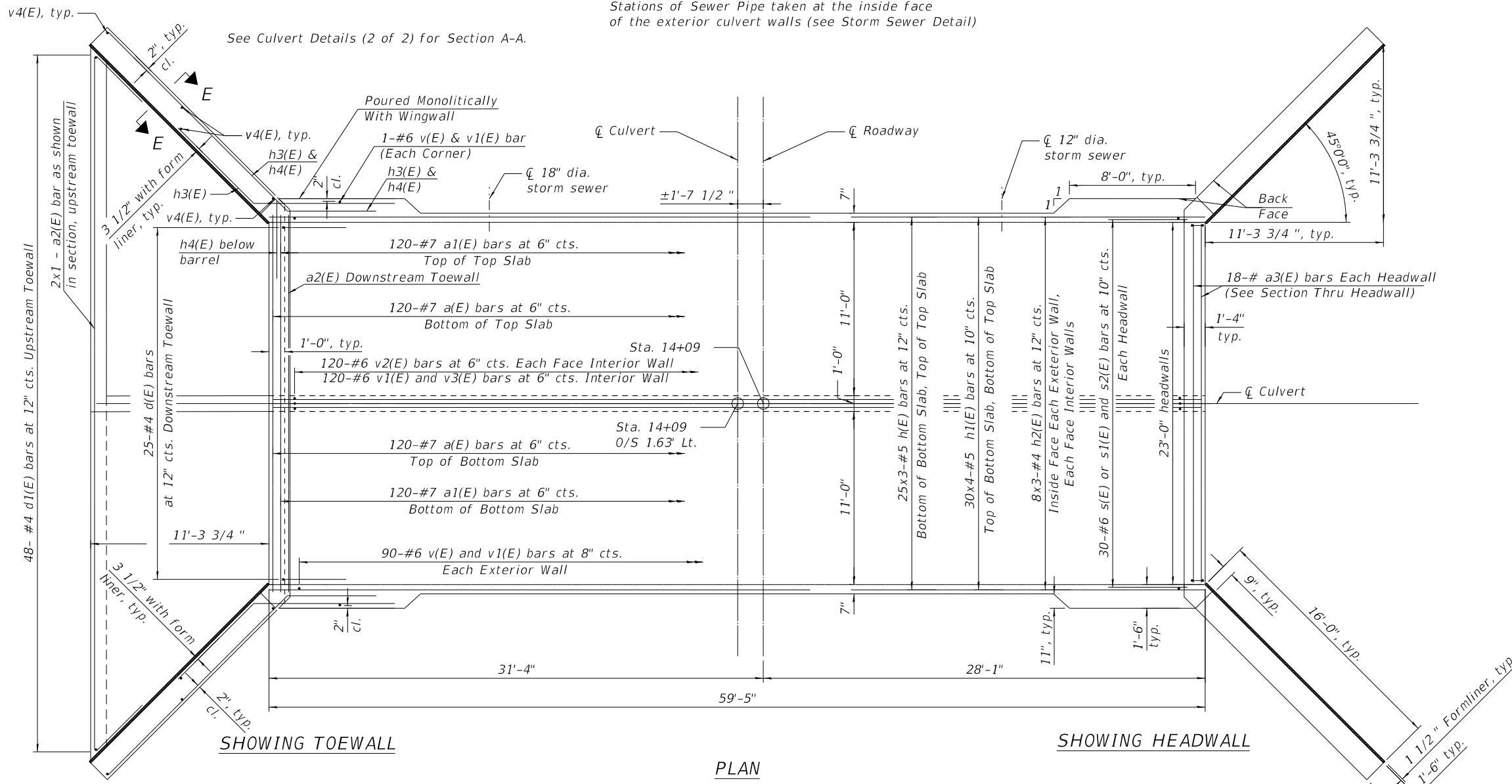


LONGITUDINAL SECTION

INTERIOR WALL SHOWN

Railings not shown for clarity, see sheet 6 of this series for details.

Stations of Sewer Pipe taken at the inside face of the exterior culvert walls (see Storm Sewer Detail)



SHOWING TOEWALL

PLAN

SHOWING HEADWALL

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS (1 OF 3)
STRUCTURE NO. 099-6757**

SHEET 3 OF 7 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	59
CONTRACT NO. 61H25				

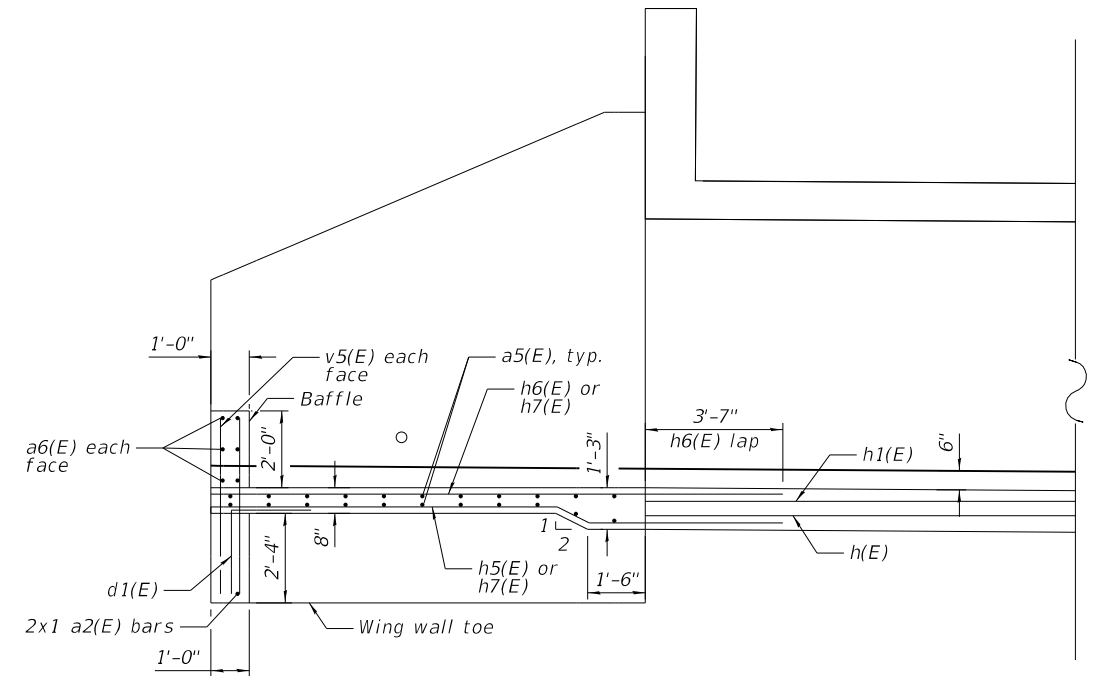
ILLINOIS FED. AID PROJECT

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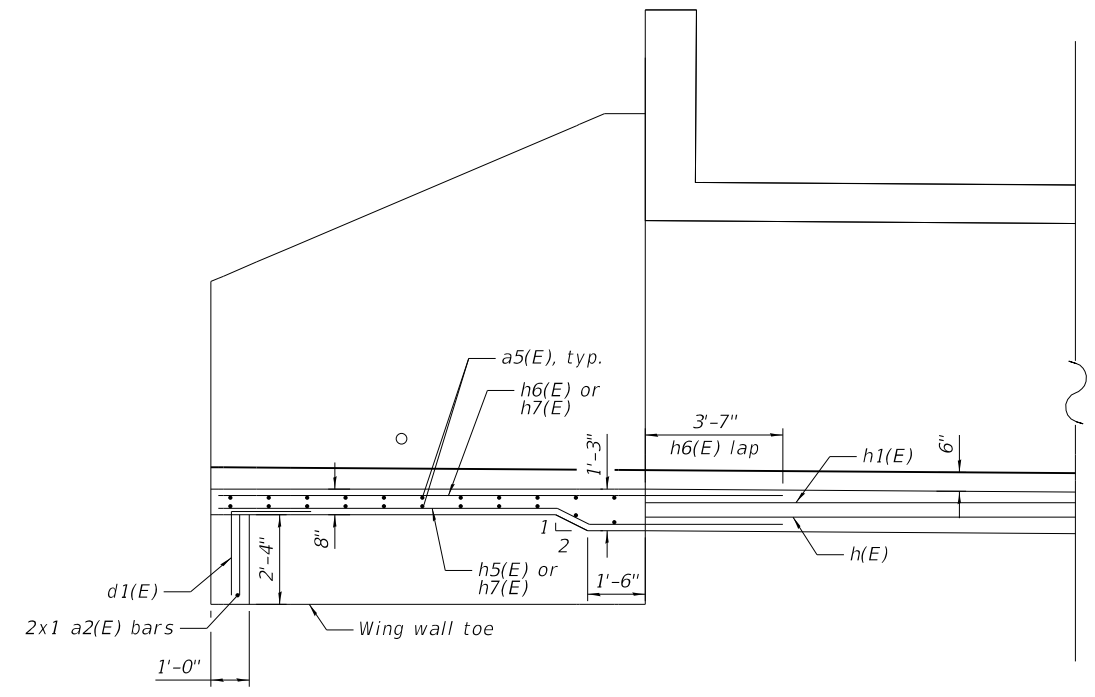
SA STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

USER NAME =	DESIGNED - DWK	REVISED -
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PLOT DATE =	DRAWN - DMF	REVISED -
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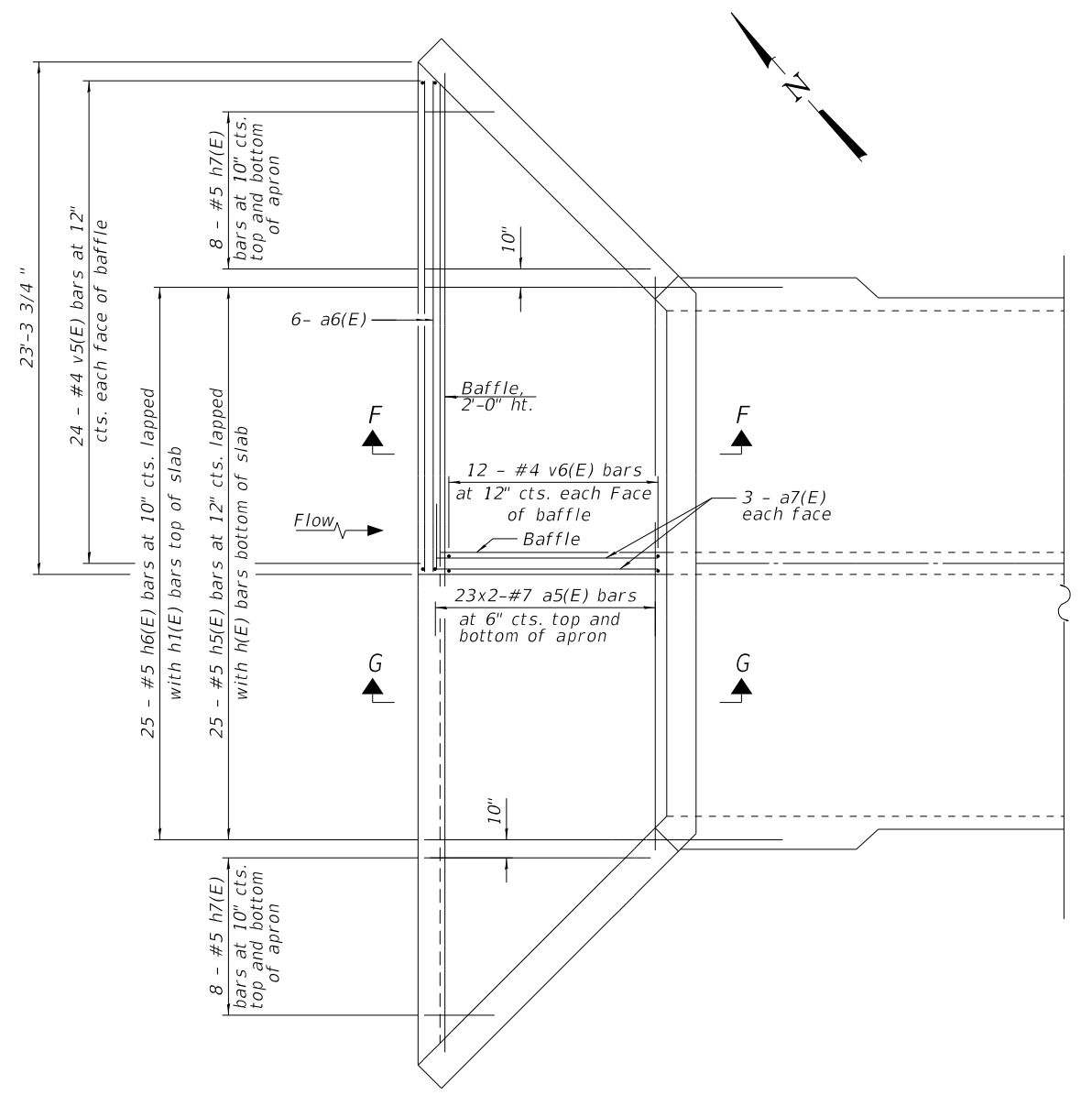
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SECTION F-F

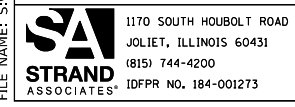


SECTION G-G



APRON AND BAFFLE PLAN

(Only Apron and Baffle reinforcement shown for clarity)



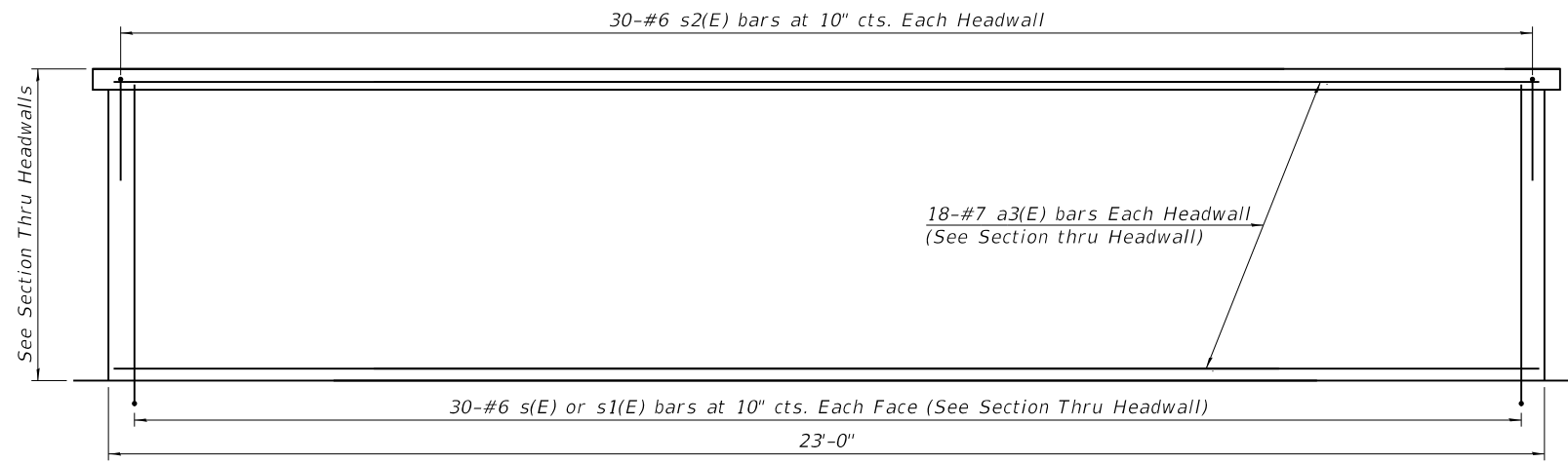
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PLOT DATE =	DRAWN - DMF	REVISED -
	CHECKED - AJS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS (2 OF 3)
 STRUCTURE NO. 099-6757

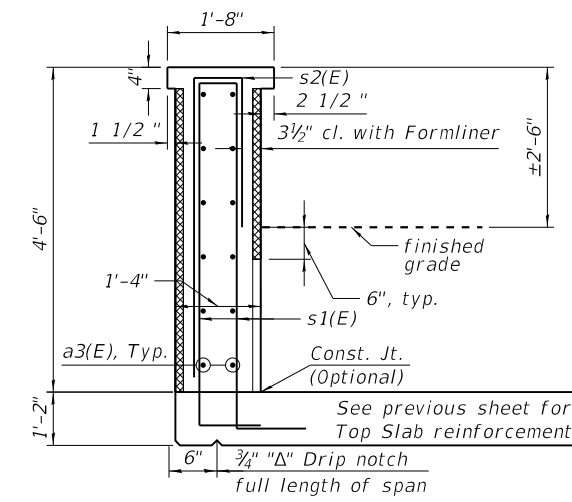
SHEET 4 OF 7 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	60
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				



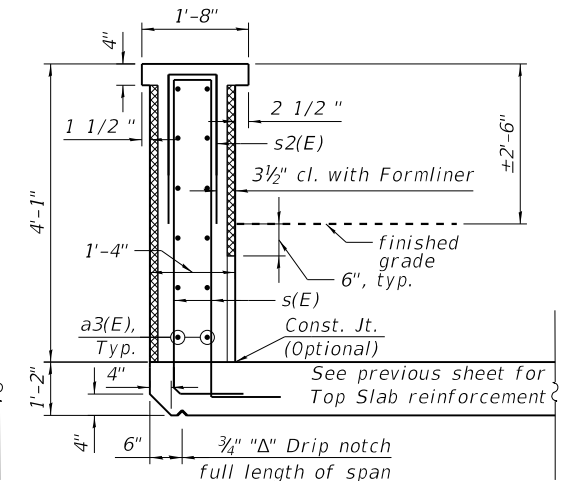
HEADWALL ELEVATION

Railing not shown



DOWNSTREAM SECTION THRU HEADWALL

Railing not shown



UPSTREAM SECTION THRU HEADWALL

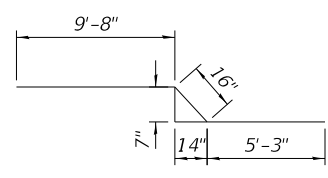
Railing not shown

MIN. LAP

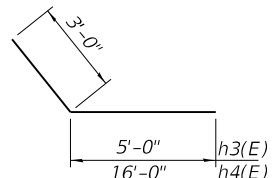
- #4 = 2'-11"
- #5 = 3'-7"
- #6 = 4'-4"
- #7 = 5'-0"
- #8 = 5'-9"

BILL OF MATERIALS

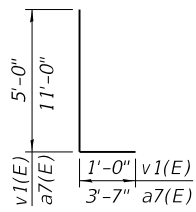
Bar	No.	Size	Length	Shape
a(E)	240	7	25'-6"	
a1(E)	240	7	23'-10"	
a2(E)	3	4	23'-10"	
a3(E)	36	7	22'-9"	
a4(E)	16	6	3'-0"	
a5(E)	92	7	25'-9"	
a6(E)	6	5	23'-1"	
a7(E)	6	5	14'-7"	
d(E)	25	4	4'-4"	
d1(E)	48	4	5'-6"	
h(E)	150	5	22'-2"	
h1(E)	240	5	17'-6"	
h2(E)	96	4	21'-8"	
h3(E)	96	8	8'-0"	
h4(E)	68	8	19'-0"	
h5(E)	25	5	16'-3"	
h6(E)	25	5	14'-11"	
h7(E)	16	5	14'-0"	
s(E)	60	6	5'-11"	
s1(E)	60	6	6'-4"	
s2(E)	60	6	9'-5"	
v(E)	184	6	7'-4"	
v1(E)	304	6	7'-0"	
v2(E)	240	6	6'-2"	
v3(E)	120	6	5'-8"	
v4(E)	16	4	12'-6"	
v5(E)	48	5	4'-7"	
v6(E)	24	5	2'-3"	
Concrete Box Culverts			Cu Yd.	238.4
Reinforcement Bars, Epoxy Coated			Pound	57,950



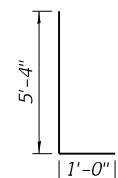
BAR h5(E)



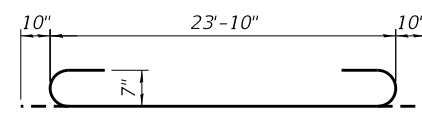
BAR h3(E) or h4(E)



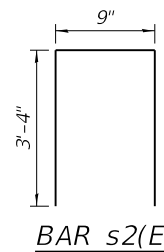
BAR v1(E) and a7(E)



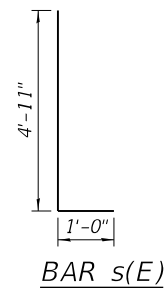
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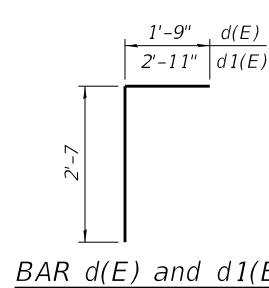
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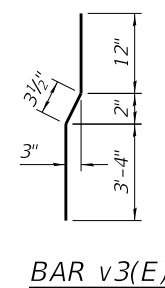
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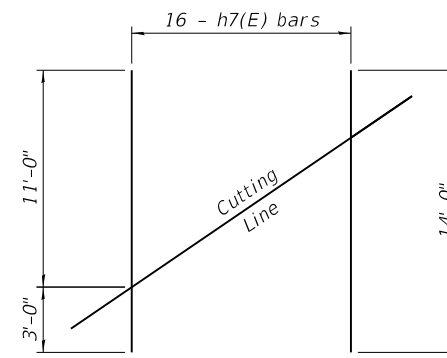
BAR s(E)



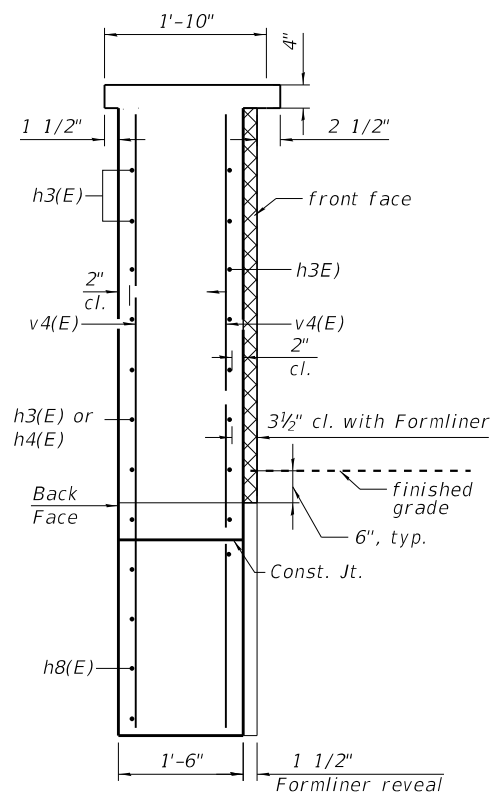
BAR d(E) and d1(E)



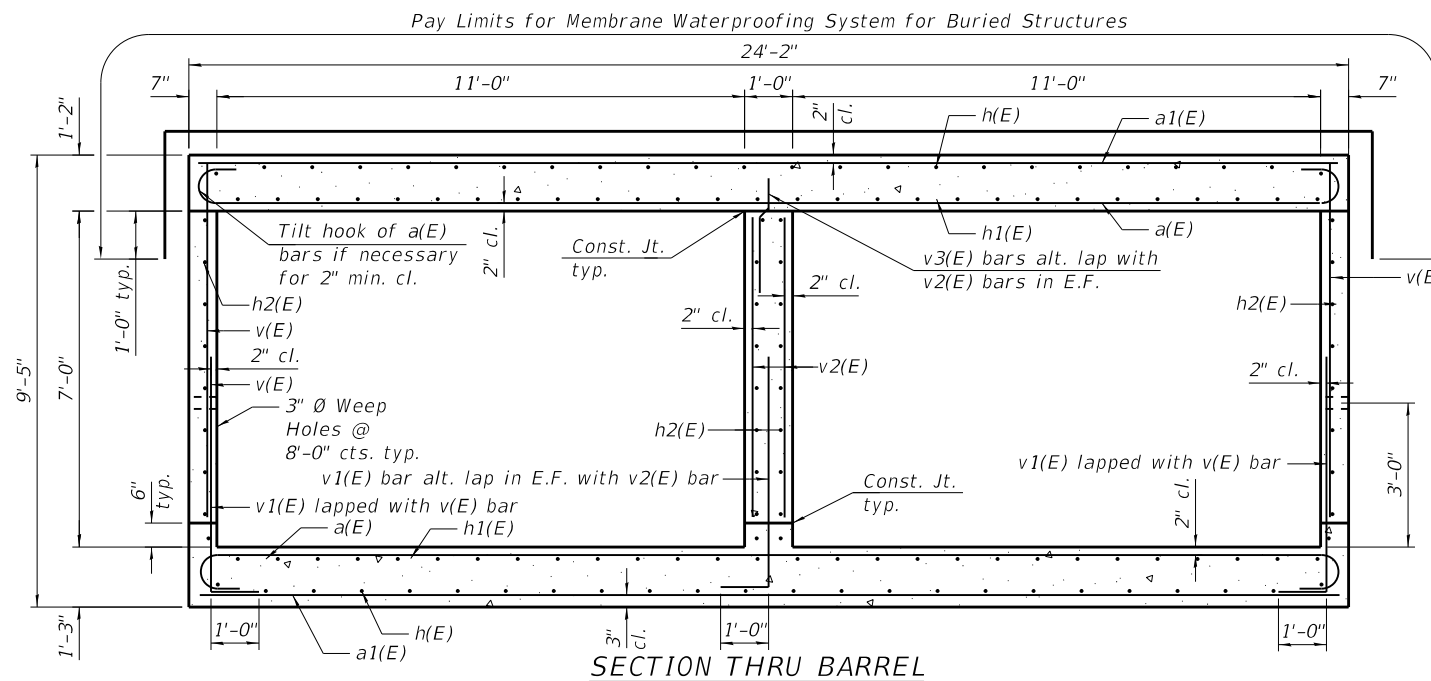
BAR v3(E)



BAR h7(E) CUTTING DIAGRAM



SECTION E-E



SECTION THRU BARREL

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1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

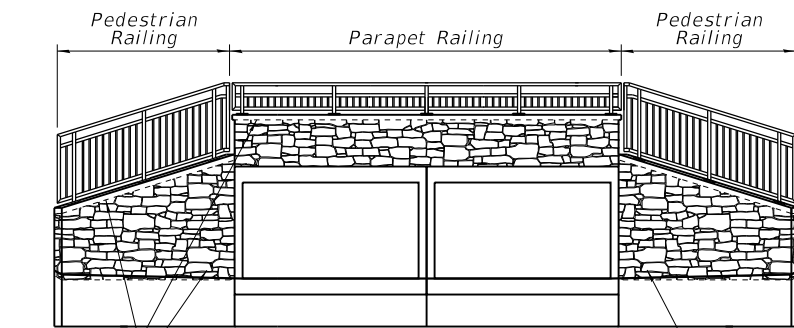
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PLOT SCALE =	CHECKED - KRB	REVISOR -
PLOT DATE =	DRAWN - DMF	REVISOR -
	CHECKED - AJS	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAILS (3 OF 3)
STRUCTURE NO. 099-6757**

SHEET 5 OF 7 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	61
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

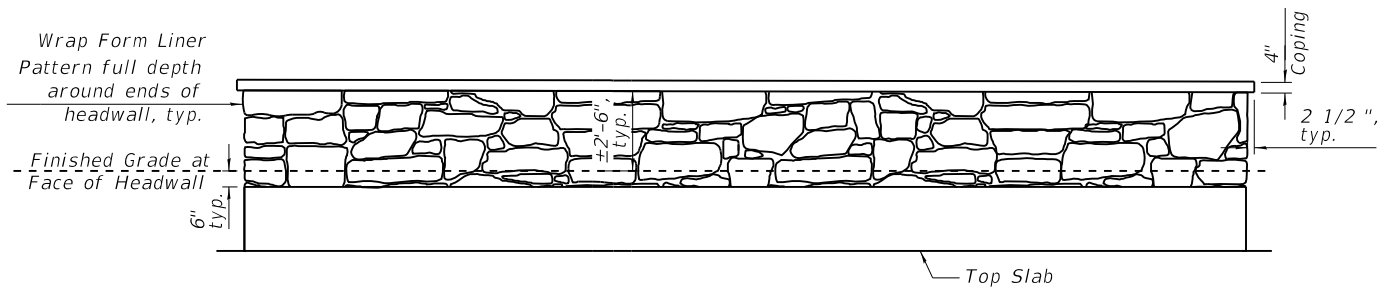


See Note 2
See Note 1

ARCHITECTURAL DETAILS
(Downstream opening shown;
Upstream similar)

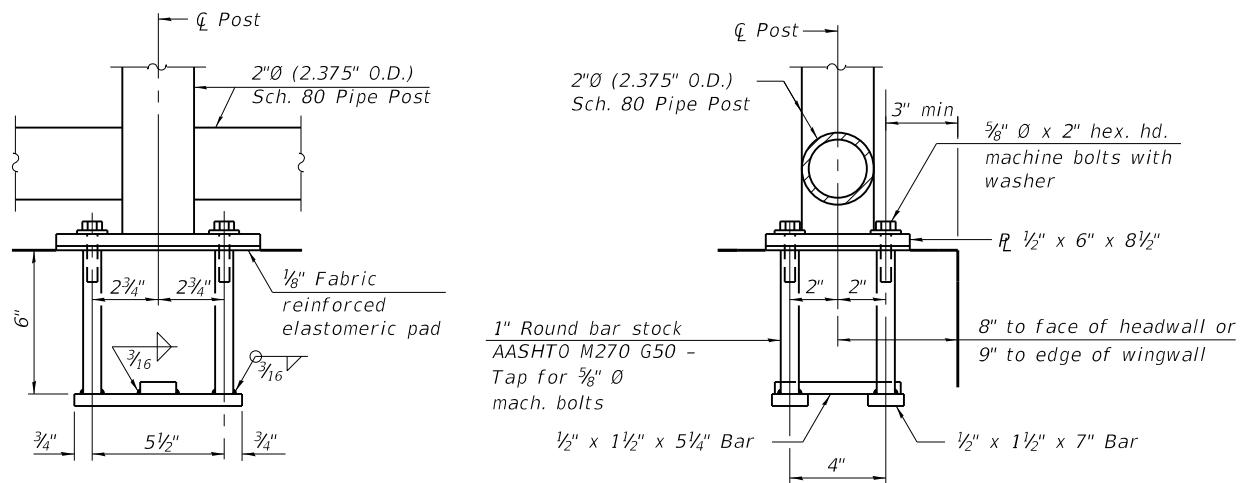
Form Liner Textured
Surface and Concrete
Surface Color Treatment

- Note:
- Limits of Form Liner Textured Surface and Concrete Surface Color Treatment shall extend 6" below proposed finished grade.
 - Limits of Form Liner Textured Surface and Concrete Surface Color Treatment shall extend within 4" of top of wingwall and headwall for 4" flag formed coping.
 - Maximum relief of Form Liner Textured Surface shall be 1 1/2".



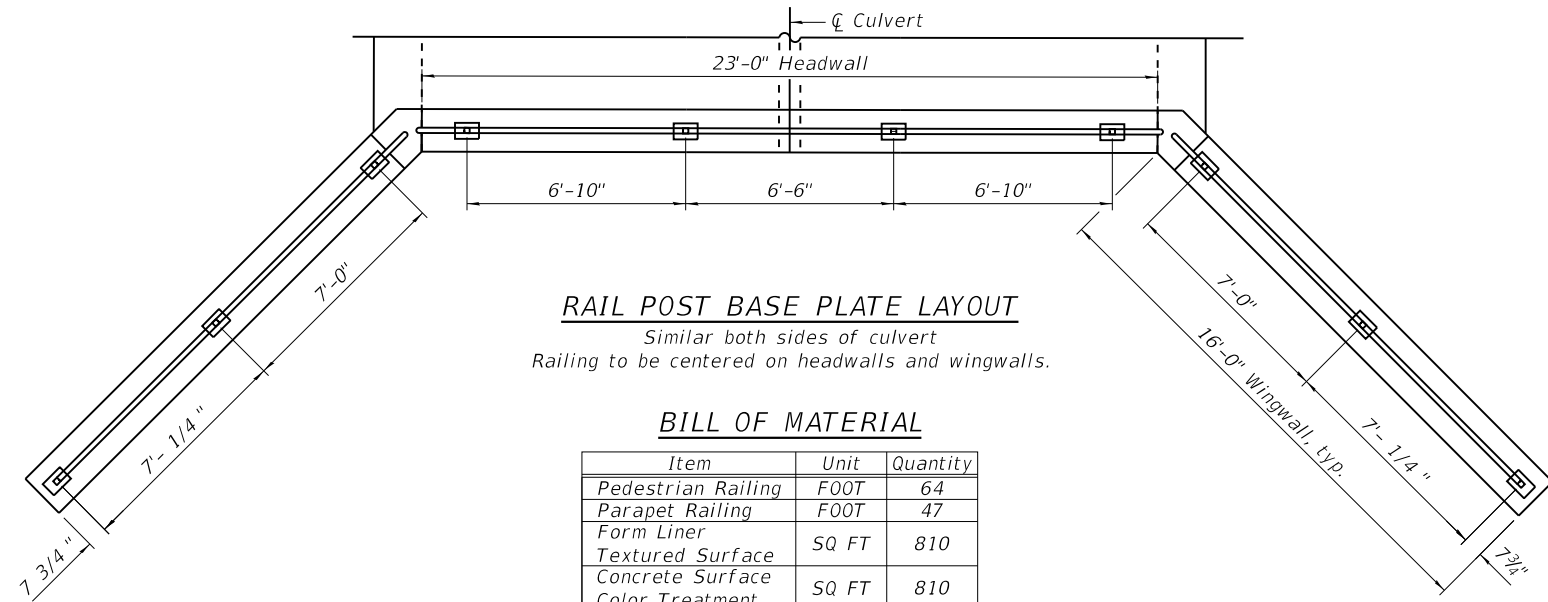
FORM LINER DETAIL
INSIDE ELEVATION OF HEADWALL

Form Liner shall be applied full depth at the exterior face of the headwall and to the depth specified for the wingwalls as shown in the architectural details
Similar both sides of culvert



ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" diameter stainless steel anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

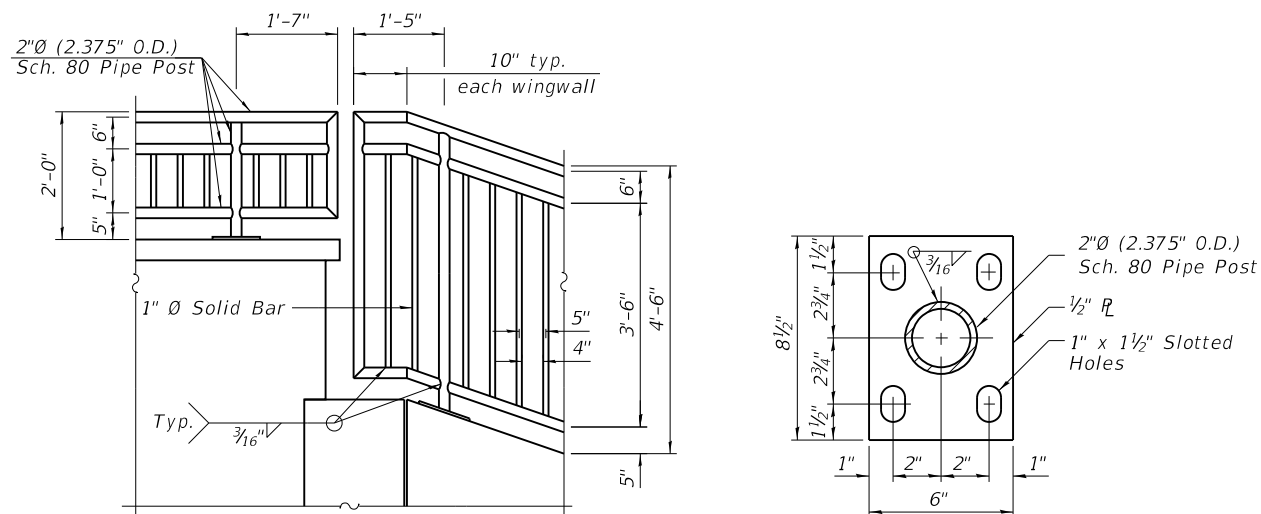


RAIL POST BASE PLATE LAYOUT

Similar both sides of culvert
Railing to be centered on headwalls and wingwalls.

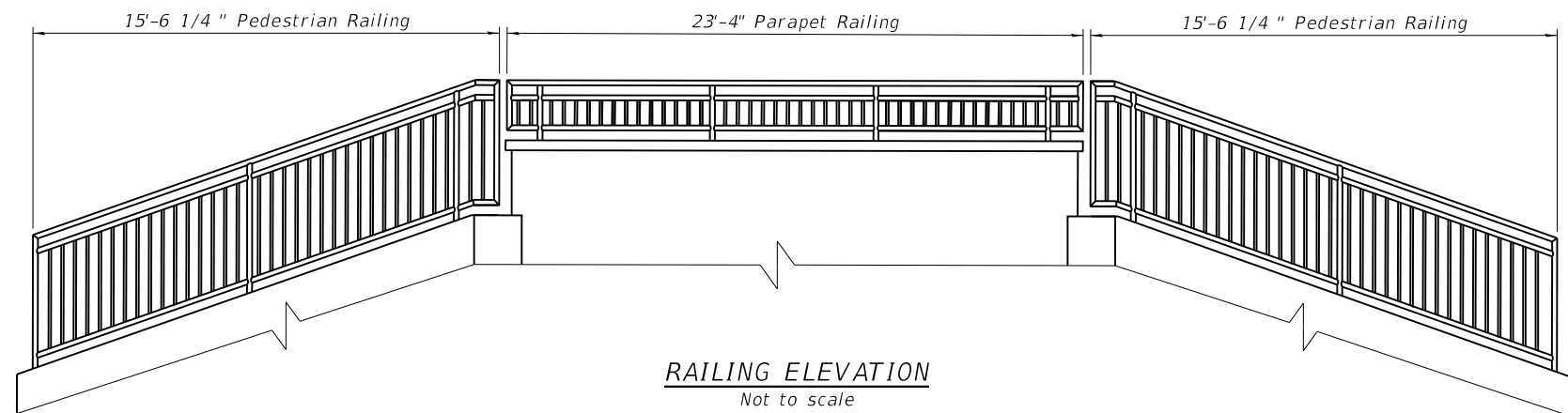
BILL OF MATERIAL

Item	Unit	Quantity
Pedestrian Railing	FOOT	64
Parapet Railing	FOOT	47
Form Liner	SQ FT	810
Textured Surface	SQ FT	810
Concrete Surface Color Treatment	SQ FT	810



RAIL ELEMENT DETAILS

BASE R

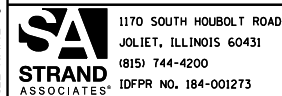


RAILING ELEVATION

Not to scale
Similar both sides of culvert

- Notes:
- Railing shall be according to the applicable portions of Section 509 of the Standard Specifications, except as noted, and will be paid for at the contract unit price per foot for Pedestrian Railing or Parapet Railing, respectively.
 - Hollow steel pipes shall conform to the requirements of ASTM A53 and shall be "standard weight".
 - All other steel shapes and plates shall conform to the requirements of AASHTO M 270 Grade 36.
 - All post, railing, splices, anchor devices, and bent plates shall be painted using the Organic Zinc Rich Primer / Epoxy / Urethane Paint System. The color of the final finish coat shall be matte black.
 - Space reinforcement in headwall and wingwalls to miss anchor bolts.

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1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

USER NAME =	DESIGNED - DWK	REVISED -
CHECKED - KRB	REVISIONS -	
PLOT SCALE =	DRAWN - DMF	REVISED -
PLOT DATE =	CHECKED - AJS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARCHITECTURAL AND RAILING DETAILS
STRUCTURE NO. 099-6757

SHEET 6 OF 7 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	62
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION		SOIL BORING LOG										Page 1 Of 1	
ROUTE TR Route 0052		DESCRIPTION Proposed Indian Boundary Rd. Box Culvert Improvements										Date 1/26/18	
SECTION 17-00064-00-BR		LOCATION Indian Boundary Road, Plainfield, IL										Logged By SD	
COUNTY WILL		STRUCTURE NO. (Exist.) (Prop.)											
		Drilling Method AASHTO T 206-09 Hammer Type Automatic Hammer											
Boring No. B-1		ELEV.	DEPTH	SPT	UNCONS.	MOIST.	Surf. Wat. El.	ELEV.	DEPTH	SPT	UNCONS.	MOIST.	
Station 13+85		(M.S.L.)	(ft.)	(blows)	(TSF)	(%)	Groundwater Elev.:	(M.S.L.)	(ft.)	(blows)	(TSF)	(%)	
Offset 7' LT							When Drilling 23.5'						
Ground Surface El. 613.50 +/- M.S.L.							at Completion 19'						
							After Hrs						
4" BITUMINOUS CONCRETE PAVEMENT		613.2											
9" SAND AND GRAVEL BASE COURSE, Brown (Frozen)		612.4	1.0					592.5	21.0				
FILL: CLAY, Dark Brown, Brown, and Black, Trace Sand and Gravel, Stiff, Moist (A-6)			2.0	9	1.25 P	26.2			6				
(Frozen to 2.5') (PID=0.0 ppm) (pH=7.66)				10					8			21.7	
				11					11				
			3.0					590.0					
(PID=0.0 ppm)				3	1.25 P	22.5		589.5	24.0	17	1.25 P	15.0	
FILL: SAND, Brown, Fine, Medium Dense, Dry (A-3)		609.0	5.0	6		4.5			23				
(PID=0.0 ppm)									27				
			6.0										
(PID=0.0 ppm)				3		5.9							
FILL: CLAY, Brown and Trace Black, Trace Sand, Stiff, Moist (A-6)		607.0	7.0	5	1.50 P	24.4			20				
(PID=0.0 ppm)				7					33				
			8.0						40				
CLAY, Black and Gray, Trace Sand, Trace Organics, Medium, Moist (A-7-6)		605.0	9.0	1	0.50 P	27.8			18				
(PID=0.0 ppm) (Organic Content= 6.6%)				2					35				
				2					39				
			10.0					583.5	30.0				
End of Boring @ 30.0 Feet													
(PID=0.0 ppm)			11.0	3	0.50 P	29.1							
CLAY, Brown and Gray, Trace Sand, Very Stiff, Moist (A-6)		602.0	12.0	7	2.00 P	26.6							
(PID=0.0 ppm)				7									
			13.0										
(PID=0.0 ppm) (DD= 103 PCF)				6	2.50 P	24.0							
				8									
			14.0										
CLAY, Gray, Trace Sand, Very Stiff, Moist (A-6)		597.5	16.0	4									
(PID=0.0 ppm) (DD= 103.7 PCF)				5	2.25 P	23.4							
				7									
			17.0										
(PID=0.0 ppm)			19.0	3		21.2							
				5	3.75 P								
				8									
			20.0										

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
 Split Spoon Sampler 24" with 140lb hammer falling 30"
 3.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.

Drill Rig D-50 SEECO Job No. 11846G/E

ILLINOIS DEPARTMENT OF TRANSPORTATION		SOIL BORING LOG										Page 1 Of 1	
ROUTE TR Route 0052		DESCRIPTION Proposed Indian Boundary Rd. Box Culvert Improvements										Date 1/26/18	
SECTION 17-00064-00-BR		LOCATION Indian Boundary Road, Plainfield, IL										Logged By SD	
COUNTY WILL		STRUCTURE NO. (Exist.) (Prop.)											
		Drilling Method AASHTO T 206-09 Hammer Type Automatic Hammer											
Boring No. B-2		ELEV.	DEPTH	SPT	UNCONS.	MOIST.	Surf. Wat. El.	ELEV.	DEPTH	SPT	UNCONS.	MOIST.	
Station 14+30		(M.S.L.)	(ft.)	(blows)	(TSF)	(%)	Groundwater Elev.:	(M.S.L.)	(ft.)	(blows)	(TSF)	(%)	
Offset 6.5' RT							When Drilling DRY						
Ground Surface El. 612.50 +/- M.S.L.							at Completion DRY						
							After Hrs						
5" BITUMINOUS CONCRETE PAVEMENT		612.1											
10" SAND AND GRAVEL BASE COURSE, Brown (Frozen)		611.3	1.0					591.5	21.0				
FILL: CLAY, Dark Brown, Brown, and Gray, Trace Sand, Medium, Moist (A-6)			2.0	15	0.50 P	29.7			4				
(Frozen to 3.5 Ft.) (PID=0.0 ppm) (pH= 7.98)				27					5			21.6	
				28					5				
			3.0										
FILL: SAND WITH CRUSHED STONE, Dark Brown and Brown, Some Gravel, Medium Dense to Loose, Dry (A-1-b)		609.0	4.0	5		5.5			13				
(PID=0.0 ppm) (Combined Analysis)				7					11			13.1	
			5.0	7					15				
(PID=0.0 ppm)			6.0										
				4					21				
				4		5.5			29			9.8	
				4					38				
			8.0										
CLAY, Brown and Gray, Trace Sand and Gravel, Very Stiff, Moist (A-6)		604.0	9.0	4	2.14 B	21.0			18				
(PID=0.0 ppm) (DD= 109.1 PCF)				4					30			10.9	
				6					37				
			10.0					582.5	30.0				
End of Boring @ 30.0 Feet													
(PID=0.0 ppm) (DD= 109.9 PCF)			11.0	5									
				7	3.42 B	19.8							
				7									
			13.0										
(PID=0.0 ppm)				3	2.25 P	21.1							
				3									
			14.0										
				4	2.60 B	21.7							
CLAY, Gray, Trace Sand, Very Stiff to Stiff to Very Stiff, Moist (A-6)		598.0	15.0										
(PID=0.0 ppm)													
			16.0										
				6									
				6	1.98 B	25.8							
			17.0										
				8									
			18.0										
(PID=0.0 ppm)			19.0	3		24.3							
				4	2.72 B								
				7									
			20.0										

N=Standard Penetration Test-Blows per six inches to drive 2" O.D. (QU)B=Bulge S=Shear P=Penetrometer Test
 Split Spoon Sampler 24" with 140lb hammer falling 30"
 3.25" Diameter Hollow Stem Augers used between Split Spoon Sample intervals unless noted otherwise.

Drill Rig D-50 SEECO Job No. 11846G/E

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STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
 IDFPR NO. 184-001273

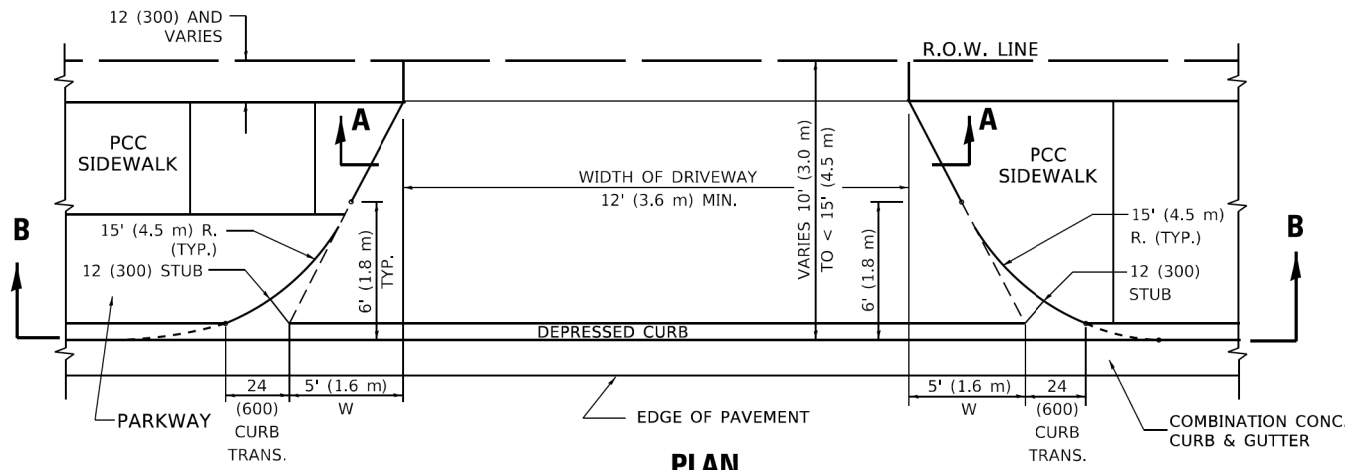
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

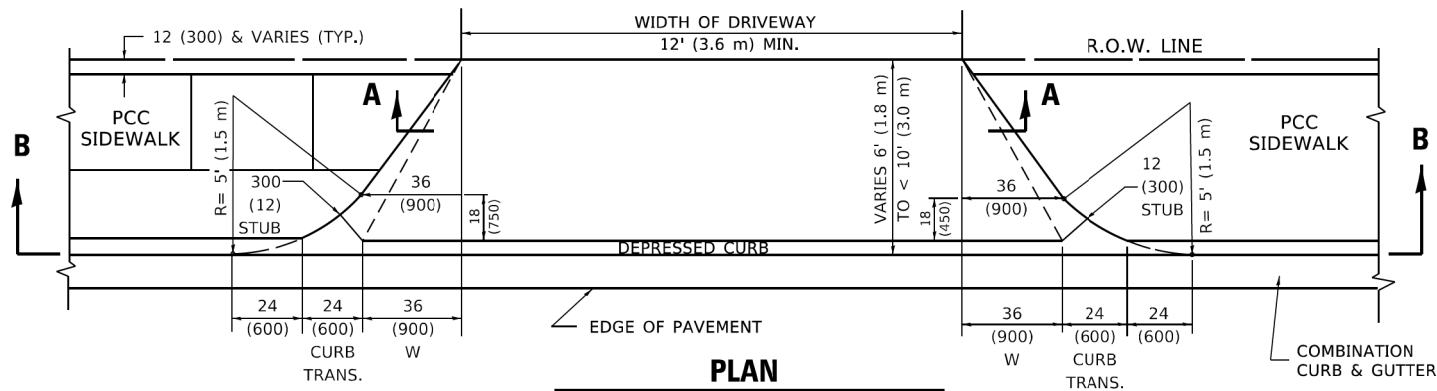
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SHEET 7 OF 7 SHEETS

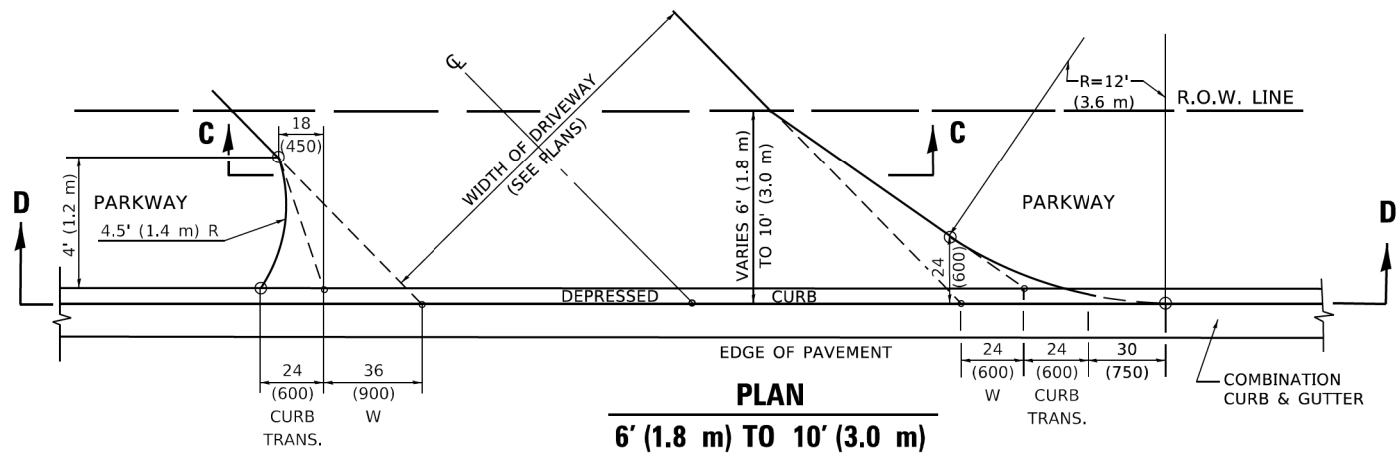
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CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				



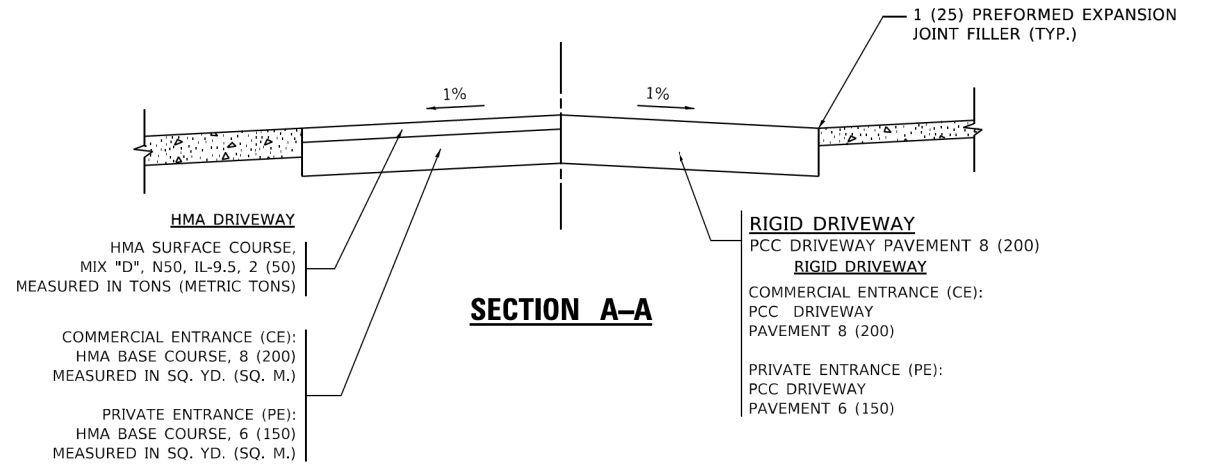
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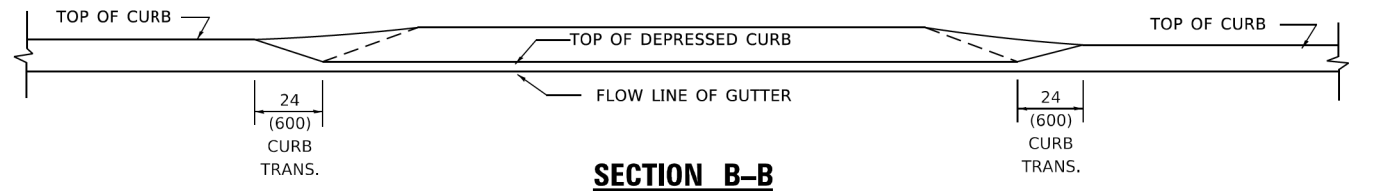
PLAN
6' (1.8 m) TO < 10' (3.0 m)



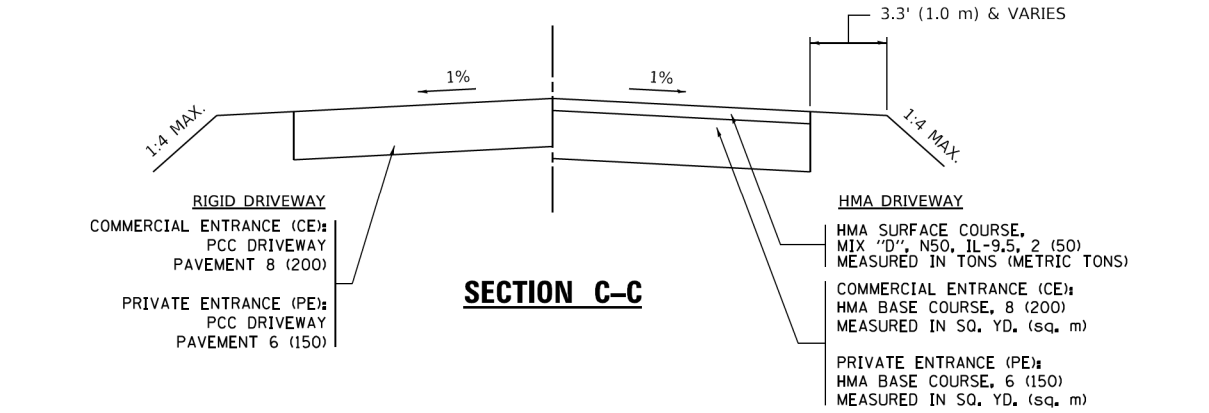
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6' (1.8 m) TO 10' (3.0 m)



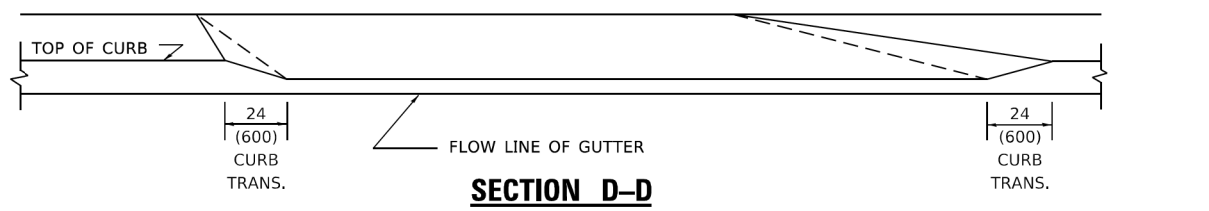
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
- WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
- "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

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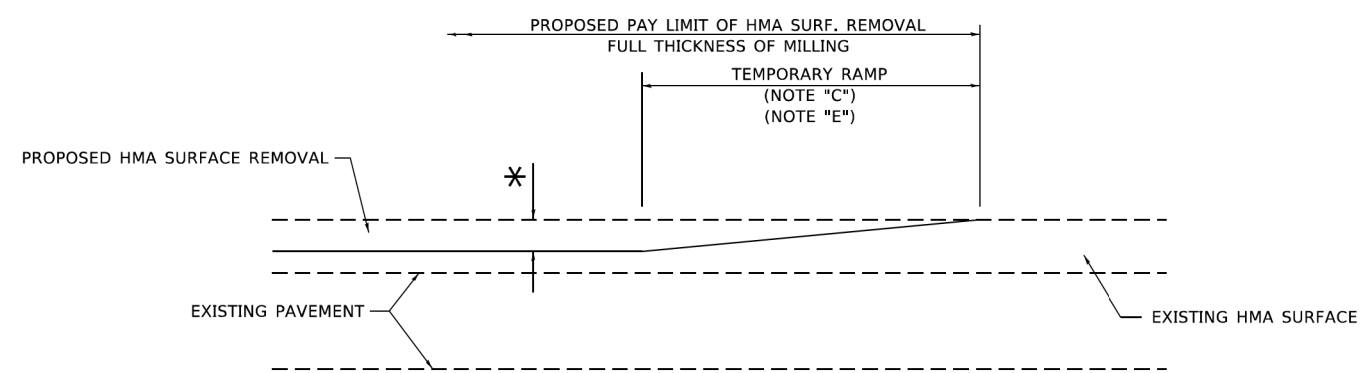
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	DRAWN -	REVISED - R. BORO 09-06-11
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PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

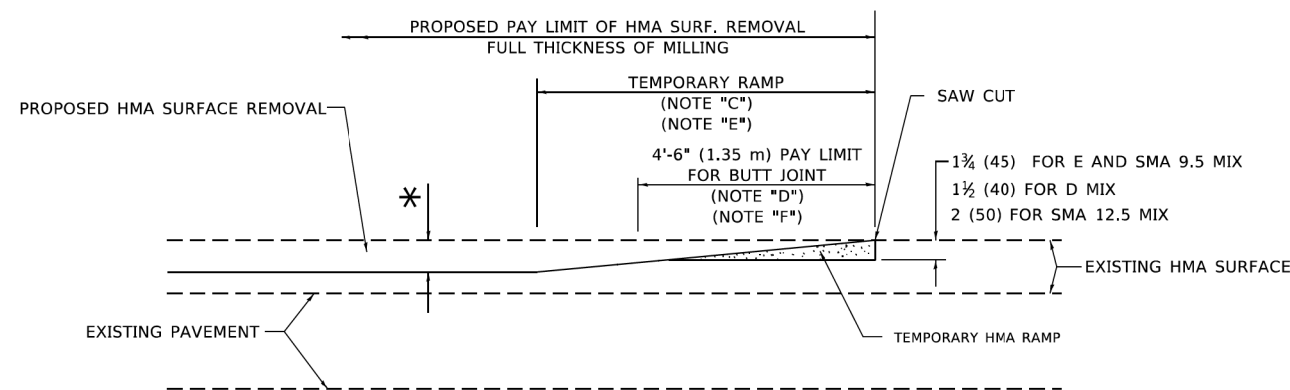
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0052	17-00064-00-BR	WILL	89	64
BD400-02 (BD-02)		CONTRACT NO. 61H25		
ILLINOIS FED. AID PROJECT				

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



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

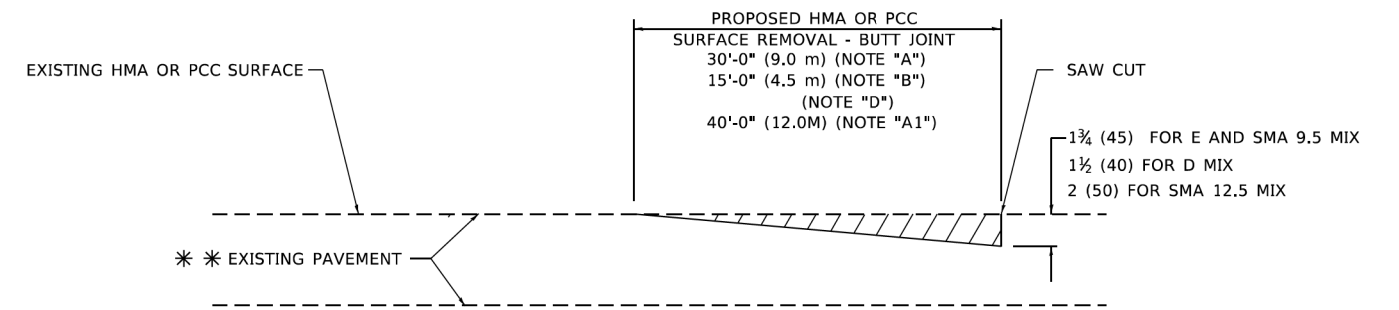
OPTION 1



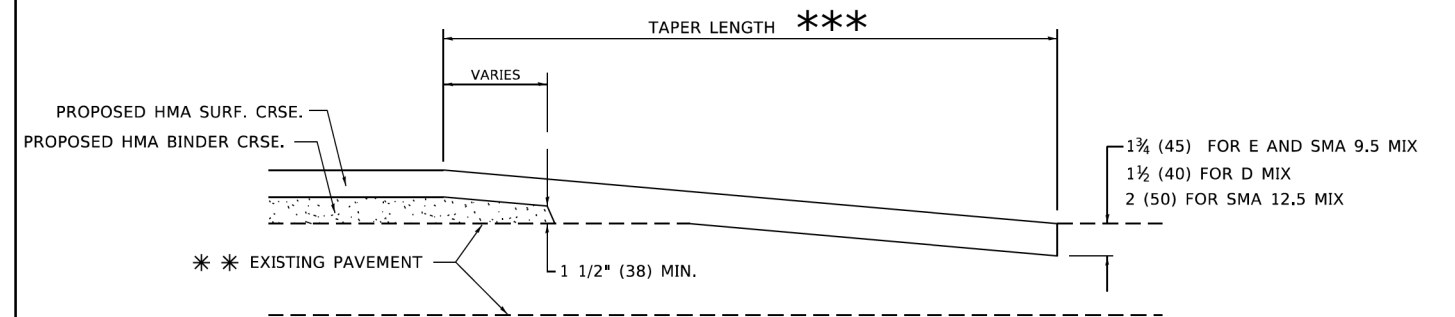
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

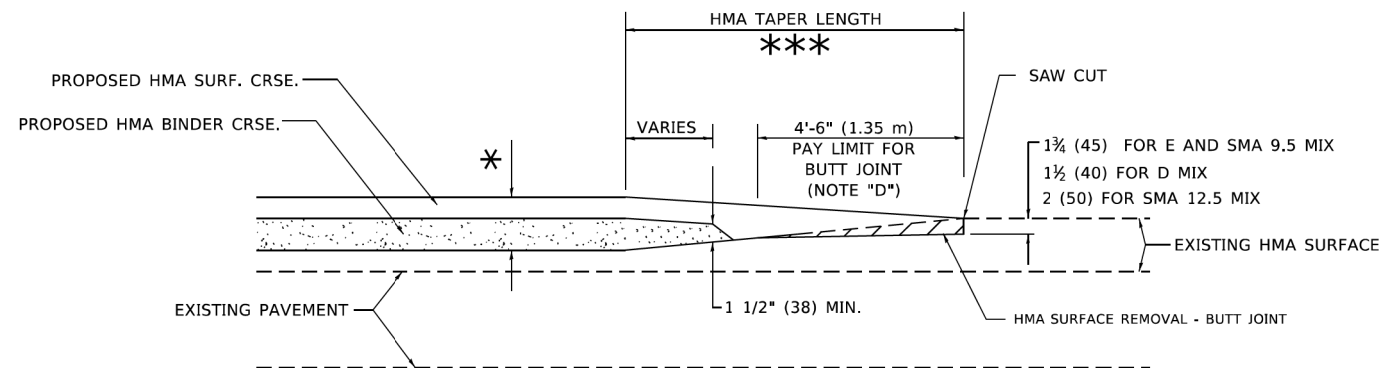
GENERAL NOTES

- 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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

MODEL: Default
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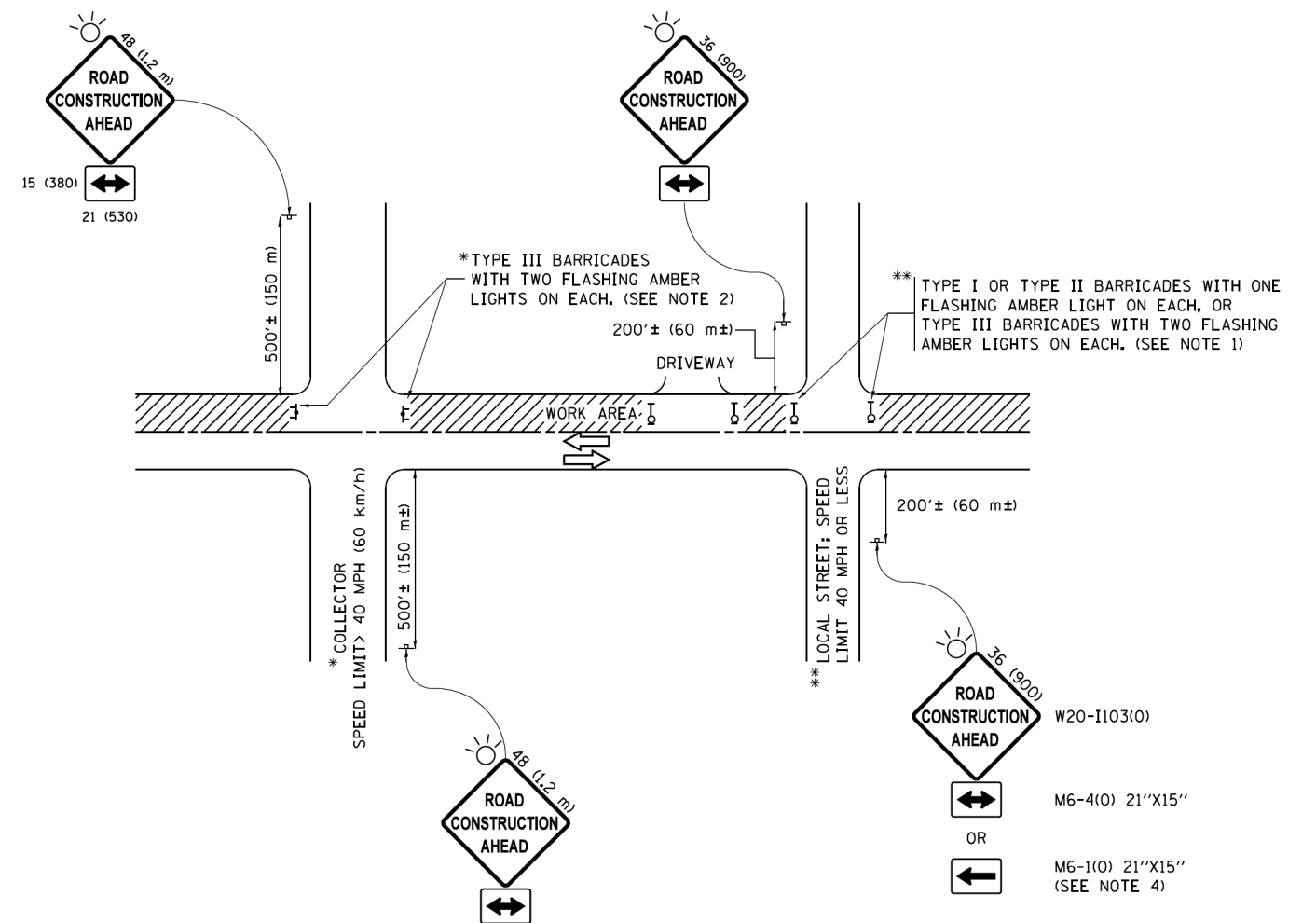
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	DRAWN -	REVISED - M. GOMEZ 04-06-01
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PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

FR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	65
BD400-05 BD-32		CONTRACT NO. 61H25		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

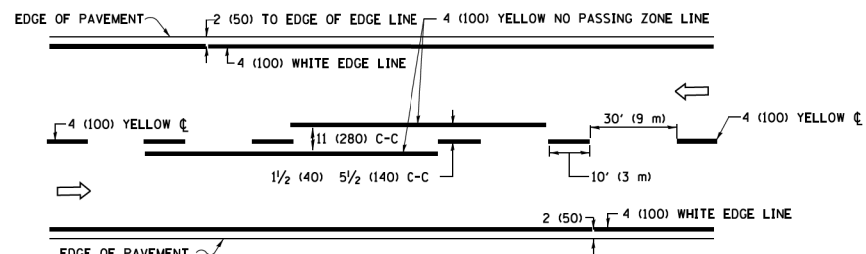
FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pw1\11084E8ID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\Dist1\11084E8ID\CADD\cadd\CADsheets\1010.dgn		DRAWN	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 50,000' / 1" =	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

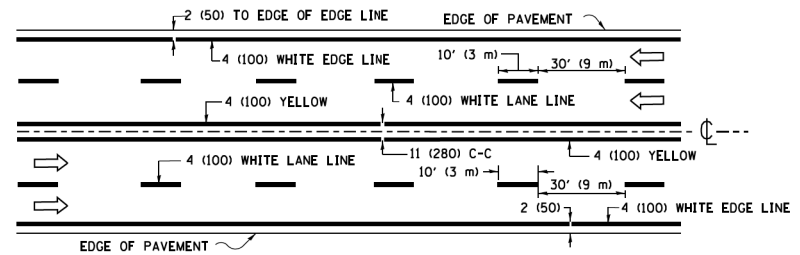
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

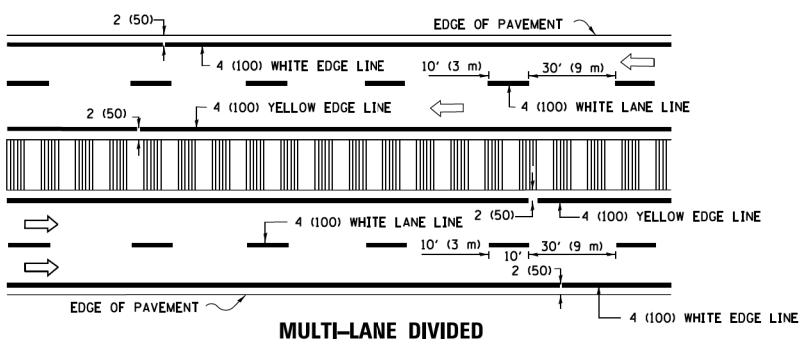
TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	66
TC-10			CONTRACT NO. 61H25	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

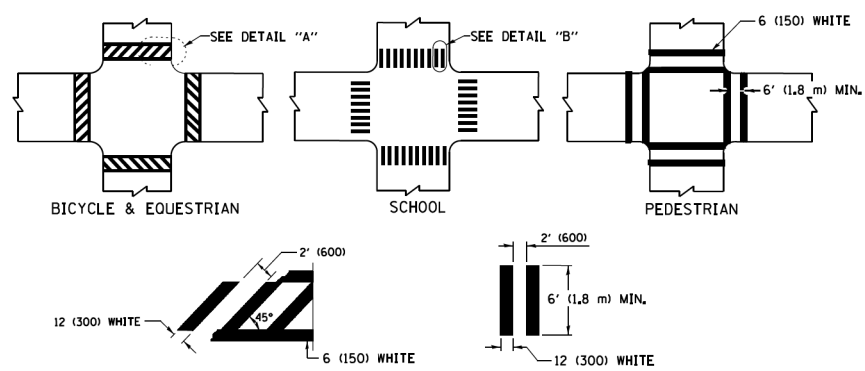


MULTI-LANE UNDIVIDED



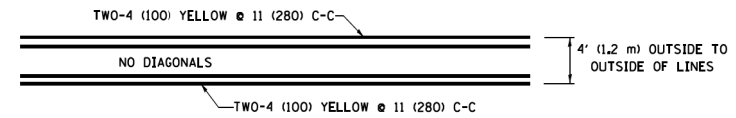
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

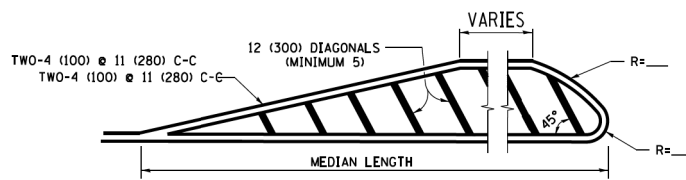


TYPICAL CROSSWALK MARKING

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

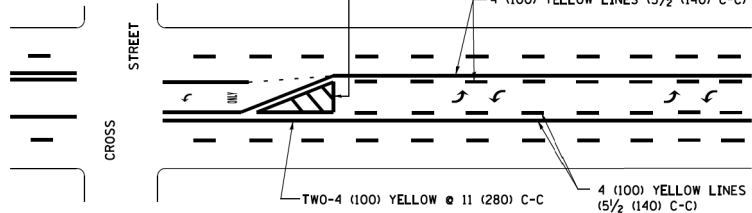


4' (1.2 m) WIDE MEDIANS ONLY

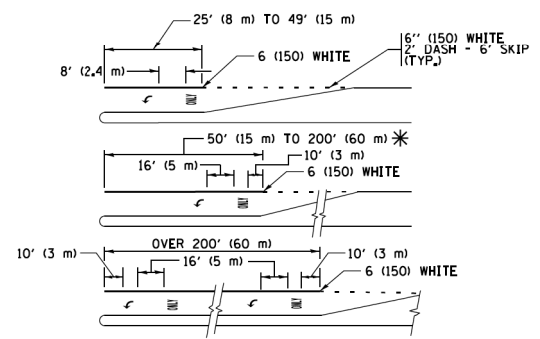


MEDIANS OVER 4' (1.2 m) WIDE

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

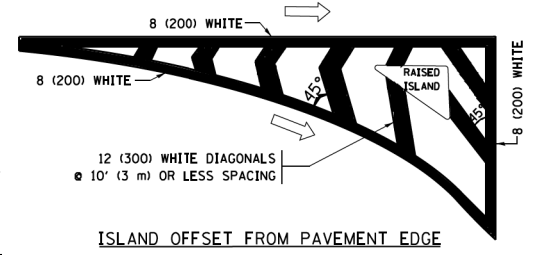


**MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING**

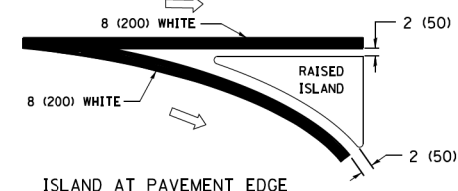


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

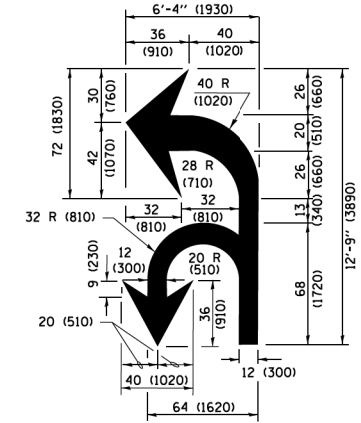
**TYPICAL LEFT (OR RIGHT) TURN LANE
TYPICAL TURN LANE MARKING**



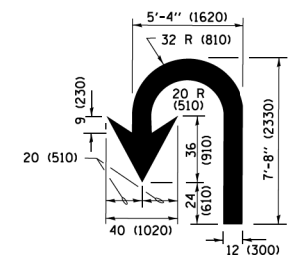
ISLAND OFFSET FROM PAVEMENT EDGE



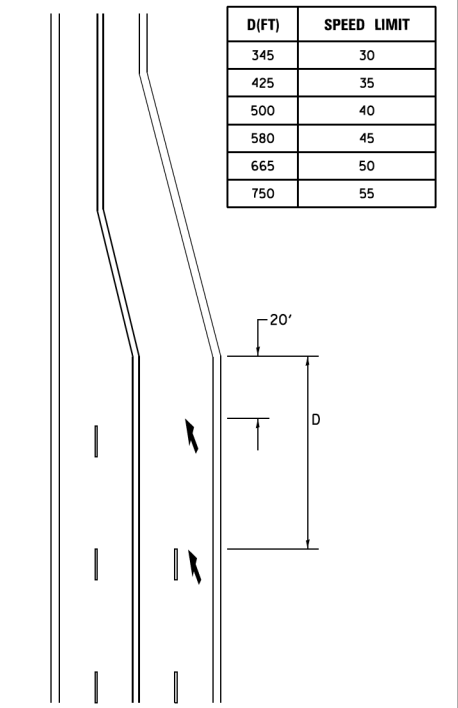
**ISLAND AT PAVEMENT EDGE
TYPICAL ISLAND MARKING**



COMBINATION LEFT AND U-TURN



U-TURN



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


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


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






ROUTE MARKERS

 FOR U.S. ROUTES
M1-40-2424






 FOR ILLINOIS ROUTES
M1-50-2424

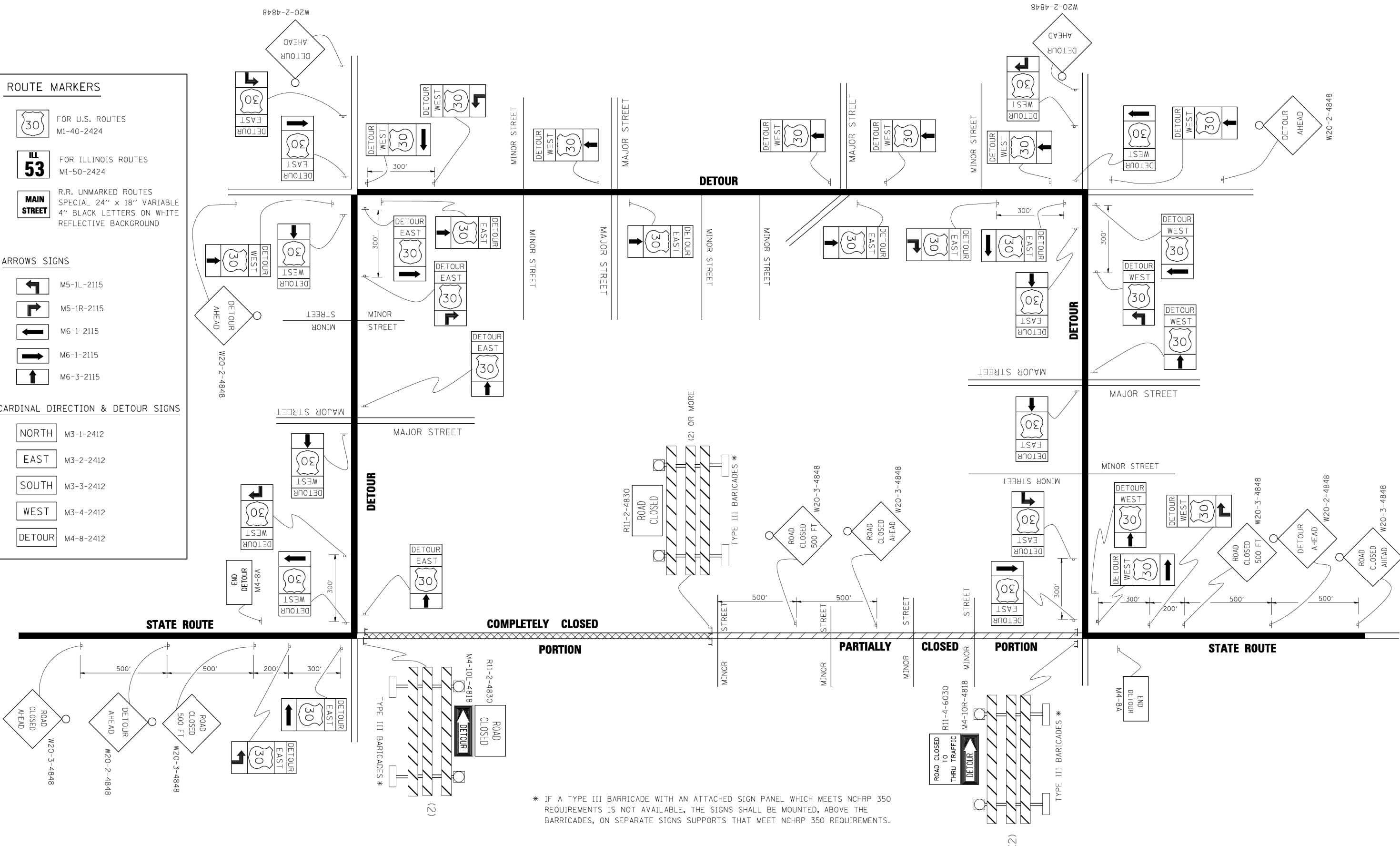
 R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

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



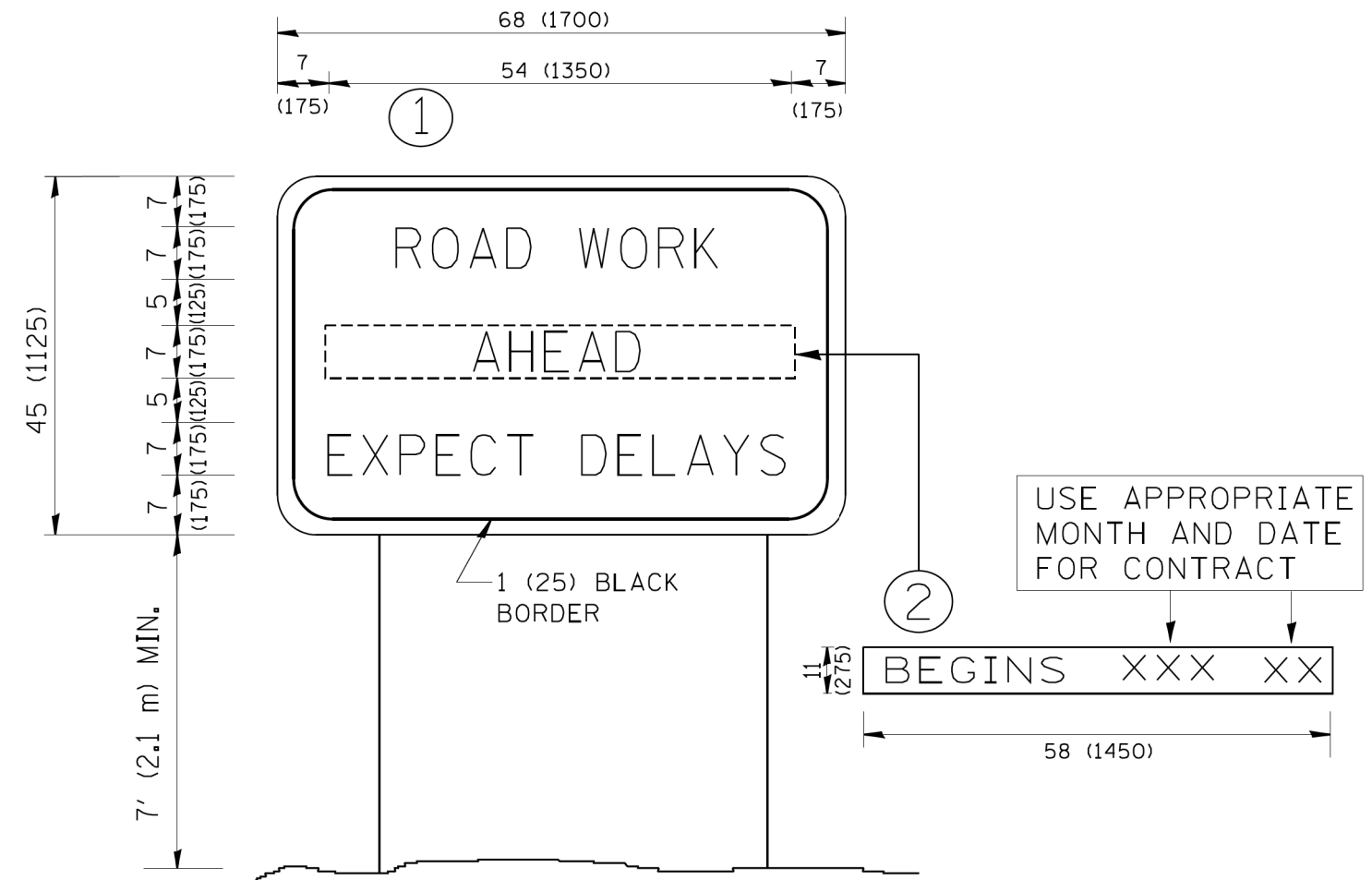
* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

FILE NAME =	USER NAME = d-ivakosgn	DESIGNED -	REVISED - 10-18-02
c:\p\work\PWID01\DRIVAKOSGN\0108315\1221.dgn		DRAWN -	REVISED - R. BORO 09-14-09
		PLOT SCALE = 49.9999' / IN.	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

TR RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	68
TC-21			CONTRACT NO.	61H25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gegl1enobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

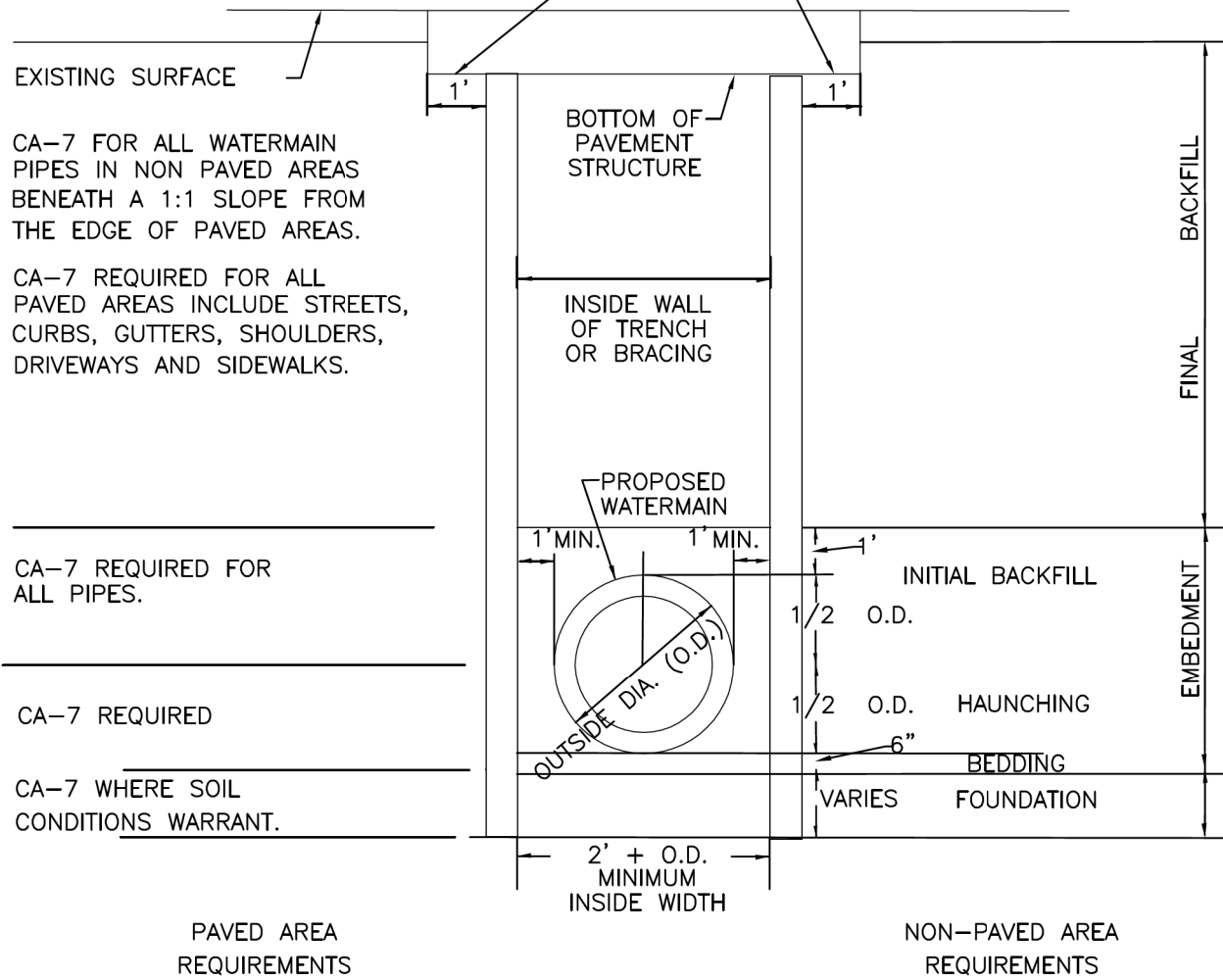
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TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	69
TC-22		CONTRACT NO.	61H25	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

WATERMAIN TRENCH

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

FOR TRENCHES THROUGH, OR IN, EXISTING STREETS, PAVEMENT PATCH MUST BE MIN. 1 FOOT BEYOND EDGE OF TRENCH



CA-7 FOR ALL WATERMAIN PIPES IN NON PAVED AREAS BENEATH A 1:1 SLOPE FROM THE EDGE OF PAVED AREAS.

CA-7 REQUIRED FOR ALL PAVED AREAS INCLUDE STREETS, CURBS, GUTTERS, SHOULDERS, DRIVEWAYS AND SIDEWALKS.

CA-7 REQUIRED FOR ALL PIPES.

CA-7 REQUIRED

CA-7 WHERE SOIL CONDITIONS WARRANT.

PAVED AREA REQUIREMENTS

NON-PAVED AREA REQUIREMENTS

PLAINFIELD WATER STANDARDS

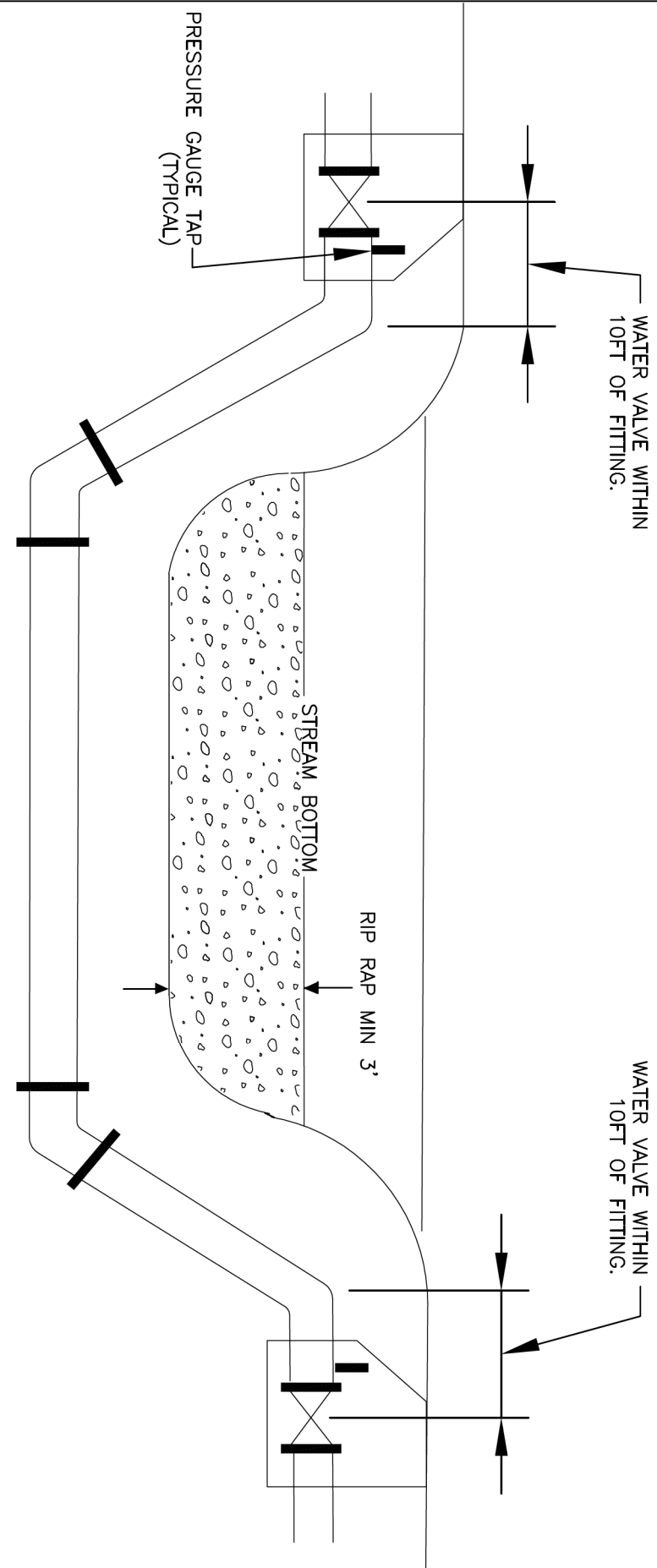
WAT4000

PLAINFIELD WATER STANDARDS

WAT4010

ALL WATER MAINS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST ADDITION.

RESTRAINED JOINTS



NOTE: ALL MECHANICAL JOINTS SHALL BE MEGALUG. VALVE VAULT RIM ABOUT FLOODPLAIN.

CREEK CROSSING

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

FILE NAME = SA\JUL\37200--3799\37665\009\Dr\wrngp\CAD\Micros\CADD_Sheets\08\2345-sht-standards-village.dgn



USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

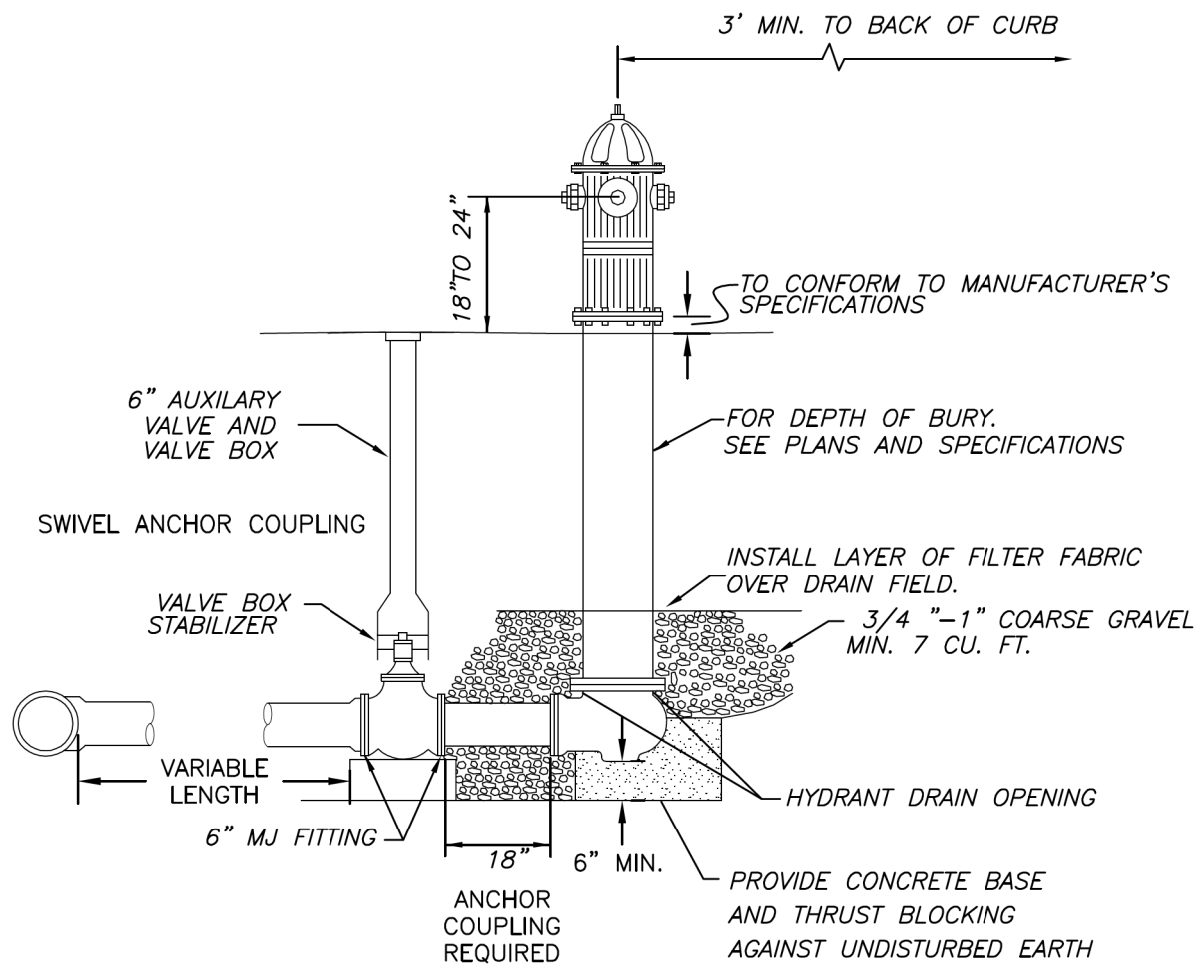
INDIAN BOUNDARY ROAD
PLAINFIELD STANDARDS

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

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	70
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

TYPICAL HYDRANT INSTALLATION

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE



NOTES:

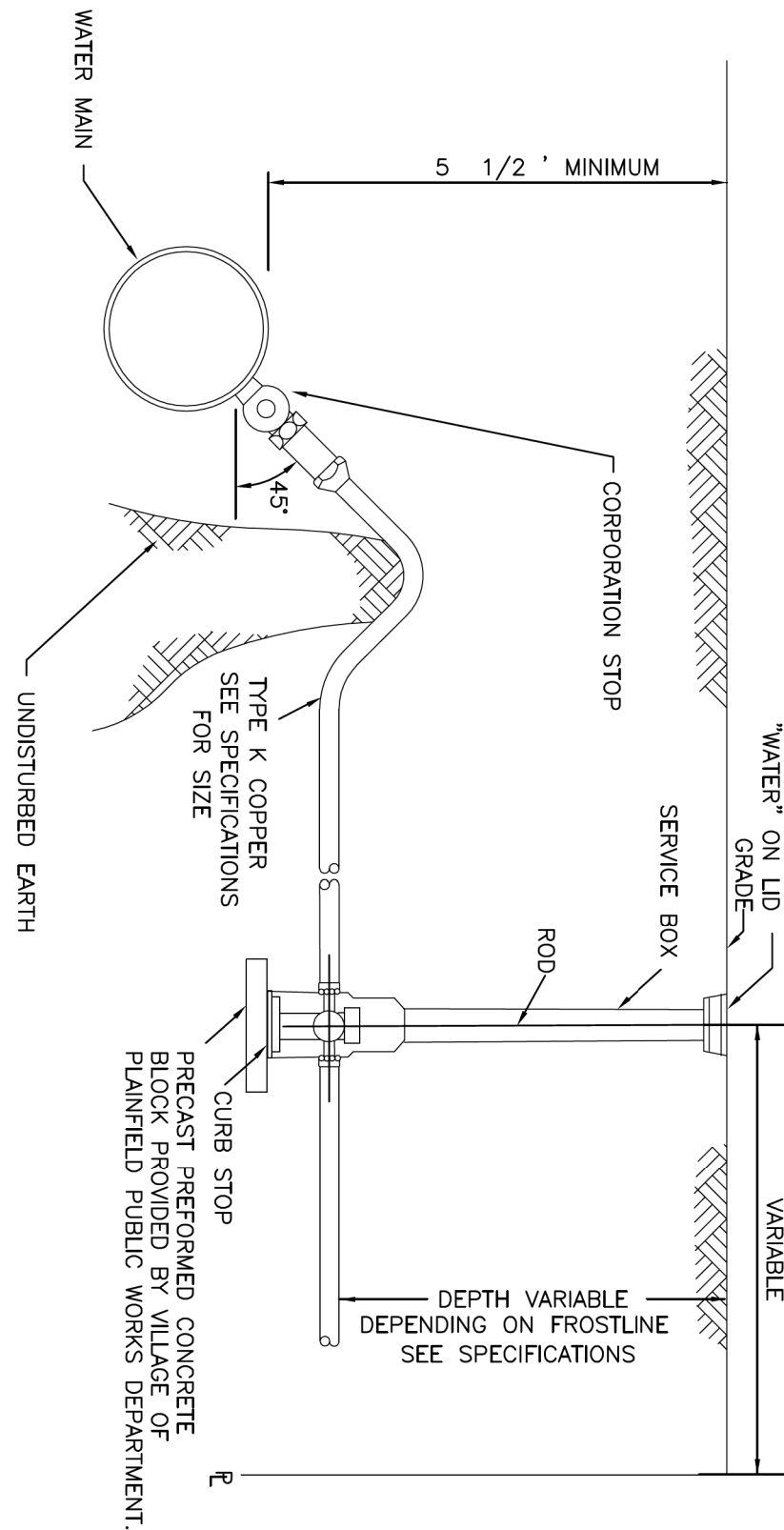
1. CONCRETE BASE AND BLOCKING MATERIAL SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN AS SHOWN IN AWWA MANUAL M 17
2. RESTRAINED JOINTS SHALL BE USED IN ALL LOCATIONS.
3. MEGALUGS SHALL BE USED AT ALL JOINTS.

PLAINFIELD WATER STANDARDS

WAT4020

PLAINFIELD WATER STANDARDS

WAT4040



SERVICE TAP 2" DIAMETER OR LESS

- NOTES:
1. SERVICE BOXES SHOULD BE LOCATED A MINIMUM OF 18 INCHES FROM DRIVEWAYS AND SIDEWALKS.
 2. USE 4" STONE CUSHION OF CA-7 ABOVE & BELOW COPPER PIPES.
 3. SERVICE LINES SHALL BE MUELLER, McDONALD, OR FORD FLAIR FITTING.
 4. BUFFALO BOX SHALL BE TYLER 95E WITH ENLARGED BASE OR SIGMA (TWO PIECE ONLY) FOR 1 1/2" SERVICES.

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

FILE NAME = SA\JUL\37200--3799\37665\009\Dr-arrogas\CAD\Micros\CAD00_Sheets\08\2345-shr-standards-v11.dgn



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD PLAINFIELD STANDARDS	
SCALE:	SHEET 2 OF 5 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	71
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

WATER SERVICE AND TAP VERIFICATION FORM

REVISIONS	
DATE	REVISION

DATE: _____

1. LOCATION

Subdivision _____

Street _____

Address or Lot Range _____ to _____

2. CONTRACTOR

Site work contractor _____

Phone _____

Plumbing contractor _____

Phone _____

State reg. # 055- _____

3. INSTALLING PLUMBER

Name (print): _____

Plumbing License # _____

Signature _____

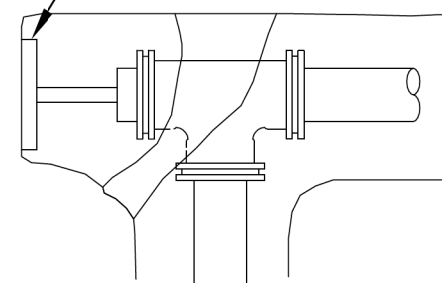
PLAINFIELD WATER STANDARDS

WAT4050

THRUST BLOCK INSTALLATIONS

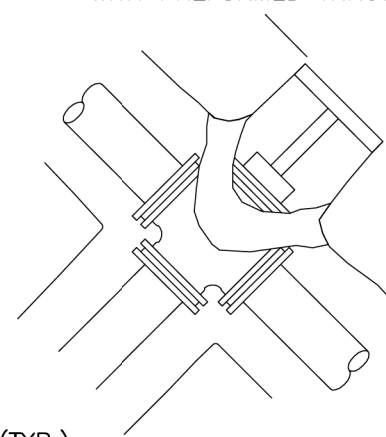
REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE

BRACE PLUG AGAINST UNDISTUBED EARTH WITH PREFORMED THRUST BLOCKS



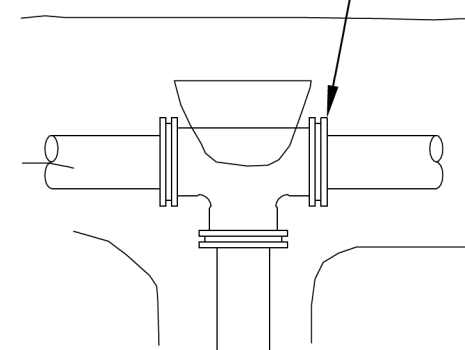
PLUGGED TEE

BRACE PLUG AGAINST UNDISTUBED EARTH WITH PREFORMED THRUST BLOCKS

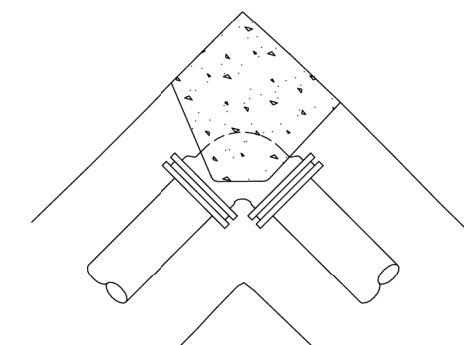


PLUGGED CROSS

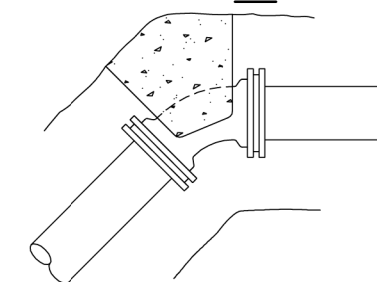
RESTRAINED JOINT(TYP.)



TEE



90° ELBOW



VERTICAL BEND

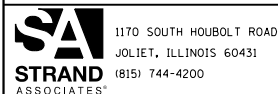
NOTE:

ALL BLOCKS BEAR AGAINST UNDISTURBED EARTH. ALL BLOCKS TO BE 3000 PSI CONCRETE. ALL FITTINGS SHOWN IN PLAN EXCEPT VERTICAL BEND. MEG-A-LUG RETAINER GLANDS SHALL BE USED AT ALL RESTRAINED JOINTS.

PLAINFIELD WATER STANDARDS

WAT4060

FILE NAME = SA\JUL\37200--3799\37665-009\Dr-avgngs\CAD\Micros\CADD_Sheets\D8\2345-sht-standards-village.dgn



USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

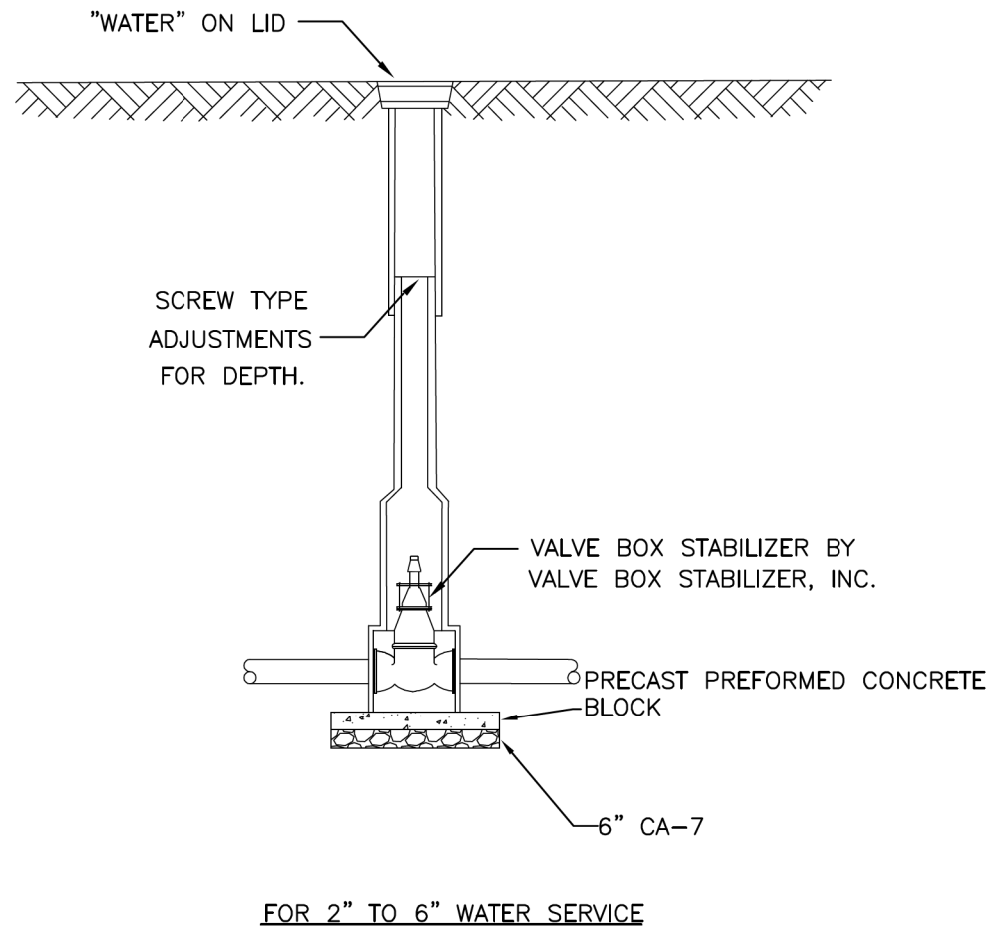
**INDIAN BOUNDARY ROAD
PLAINFIELD STANDARDS**

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	72
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

VALVE BOX INSTALLATION FOR WATER SERVICES AND/OR HYDRANT AUXILIARY VALVES ONLY

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE



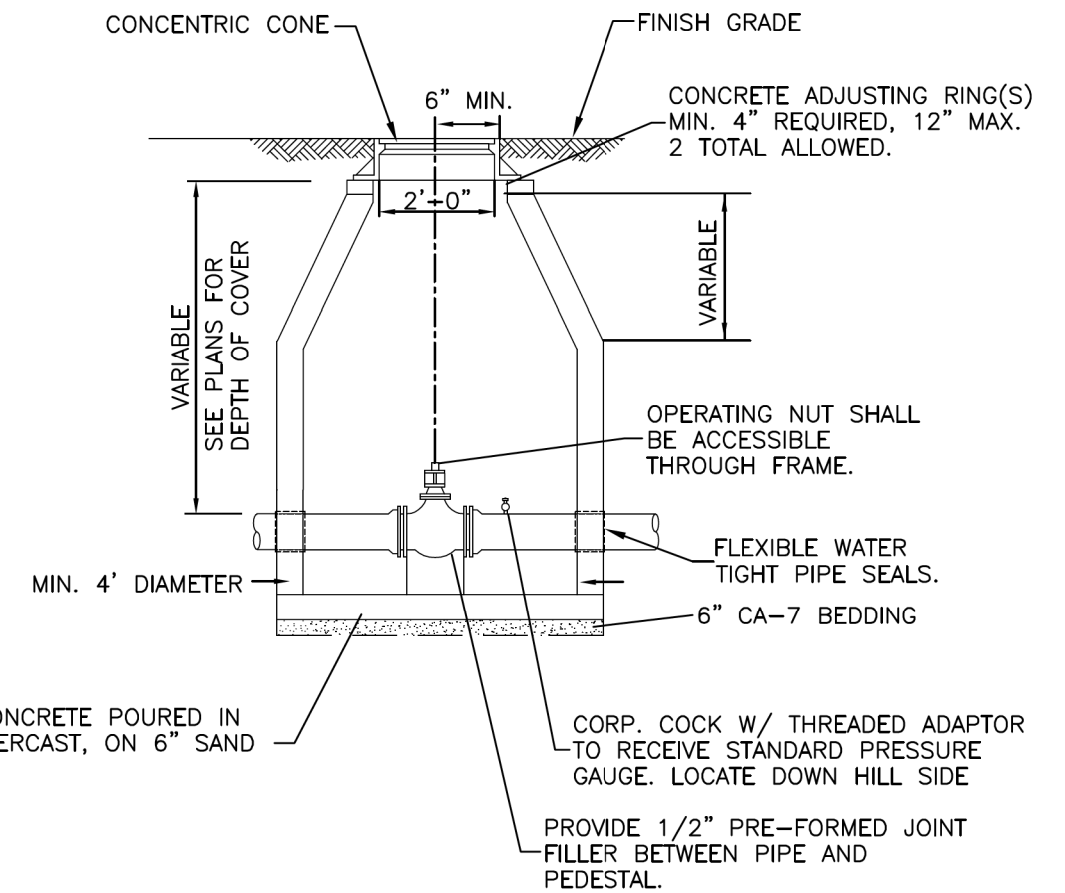
PLAINFIELD WATER STANDARDS

WAT4070

VALVE VAULT FOR WATERMAIN VALVES

REVISIONS	
DATE	REVISION
04/08	DETAIL UPDATE

NOTE:
VALVE VAULT DIA. SHALL BE 48" FOR 8" AND SMALLER VALVES AND 60" FOR 10" AND LARGER VALVES.



PLAINFIELD WATER STANDARDS

WAT4080

FILE NAME = SA\JUL\37200-3799\37665\009\Dr\wrngs\CAD\Micros\CAD\Standards-village.dgn



USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

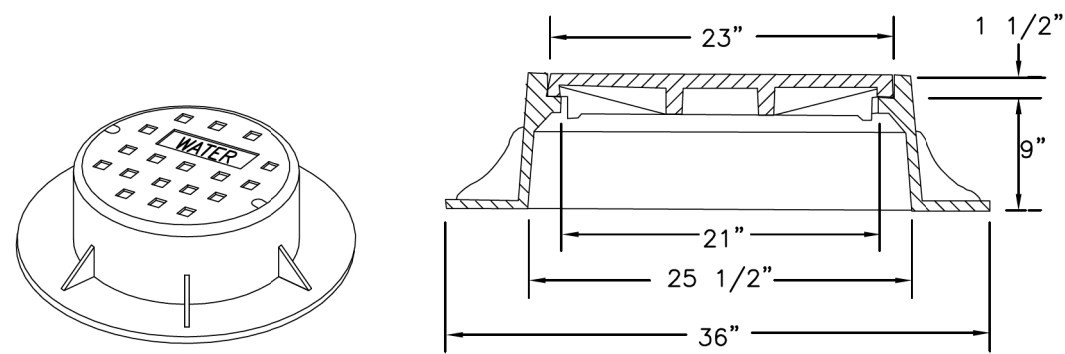
**INDIAN BOUNDARY ROAD
PLAINFIELD STANDARDS**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	73
CONTRACT NO. 61H25			ILLINOIS FED. AID PROJECT	

VALVE VAULT FRAME AND COVER

REVISIONS	
DATE	REVISION
08/07	DETAIL UPDATE



- 1.) THE FRAME AND LID SHALL BE EJIW 1051 FRAME, NEENAH R-1713 FRAME OR CERTAINTEED (DI) PAMREX CDPA60EH WITH HEAVY DUTY GASKETED, SELF SEALING, CLOSED LID WITH CONCEALED PICKHOLES AND WATER CAST ON THE LID.

- 2.) THE FRAME AND LID SHALL BE SET ON A MASTIC BED WITH ALL GAPS TUCKPOINTED.

** ALL DIMENSIONS ARE FOR THE NEENAH MODELS.
EJIW AND CERTAINTEED DIMENSIONS MAY VARY.

PLAINFIELD WATER STANDARDS

WAT4090

FILE NAME = SA\JUL\3700-3799\3766\009\Dr\wrgp\CAD\Micros\CADD_Sheets\08\2345-shl-standards-village.dgn



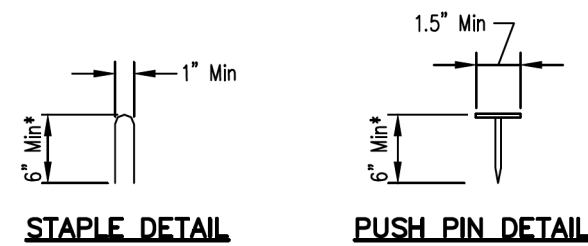
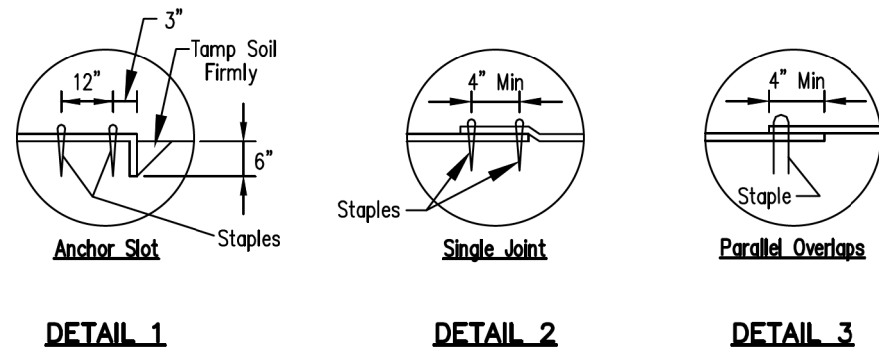
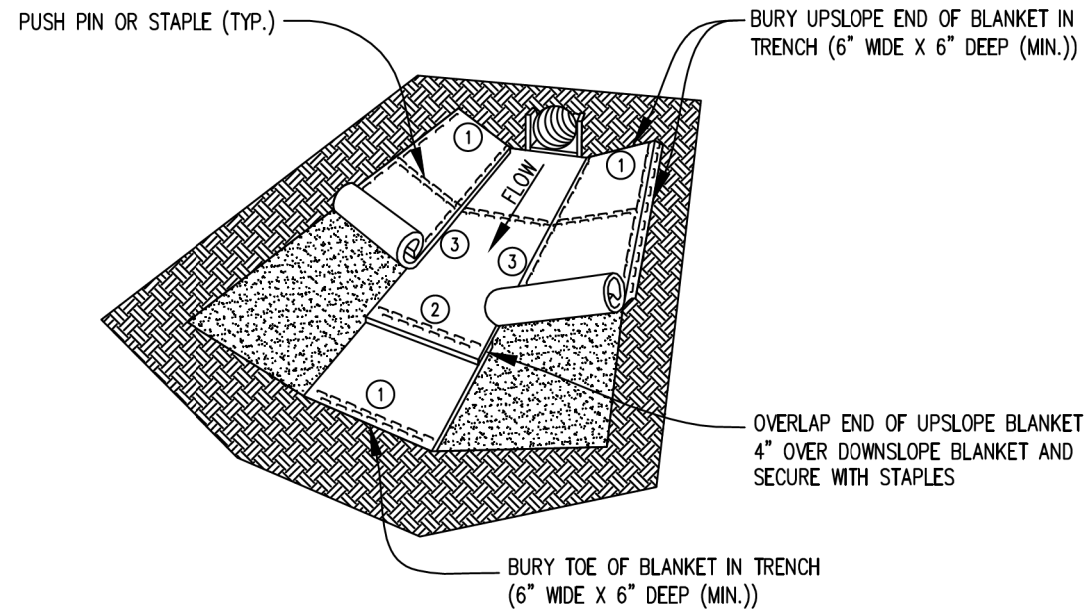
1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = jackd MODEL NAME = Default PLOT SCALE = 2.0000' / in. PLOT DATE = 9/5/2023	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD PLAINFIELD STANDARDS	SCALE:	SHEET 5 OF 5 SHEETS	STA. TO STA.
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TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	74
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL BLANKET - TURF REINFORCEMENT MAT (TRM)



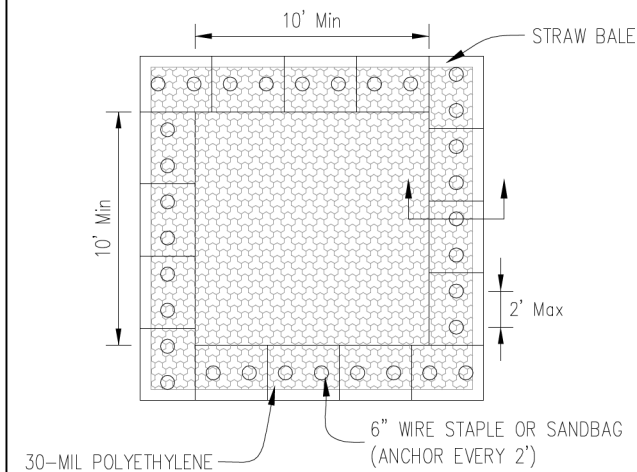
*Note:
1. For sandy soil conditions, staple or push pin shall be a minimum 8 inches.

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

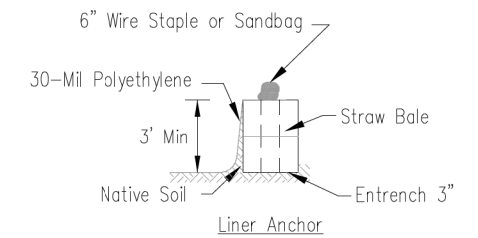


STANDARD DWG. NO.
IUM-531
SHEET 1 OF 1
DATE 02-22-11

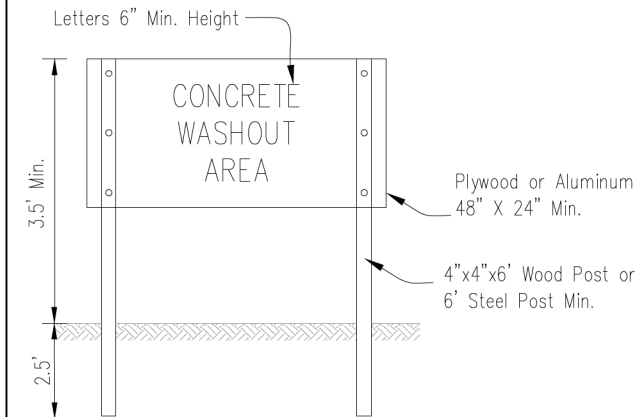
AUTOCAD2006



PLAN VIEW



STRAW BALE ANCHOR SECTIONS



SIGN DETAIL

NOTES:

- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
- Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
- Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

Drawn	_____
Checked	_____
Approved	_____

TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE

Designed	_____	Date	_____
Drawn	B. JOHNSON	Date	6/08
Checked	_____		
Approved	_____		

FILE NAME = SA\JUL137200-3799\37665-009\Dr\erogp\CAD\Micros\CADD_Sheets\D812345-sh1-standards-village.dgn



USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

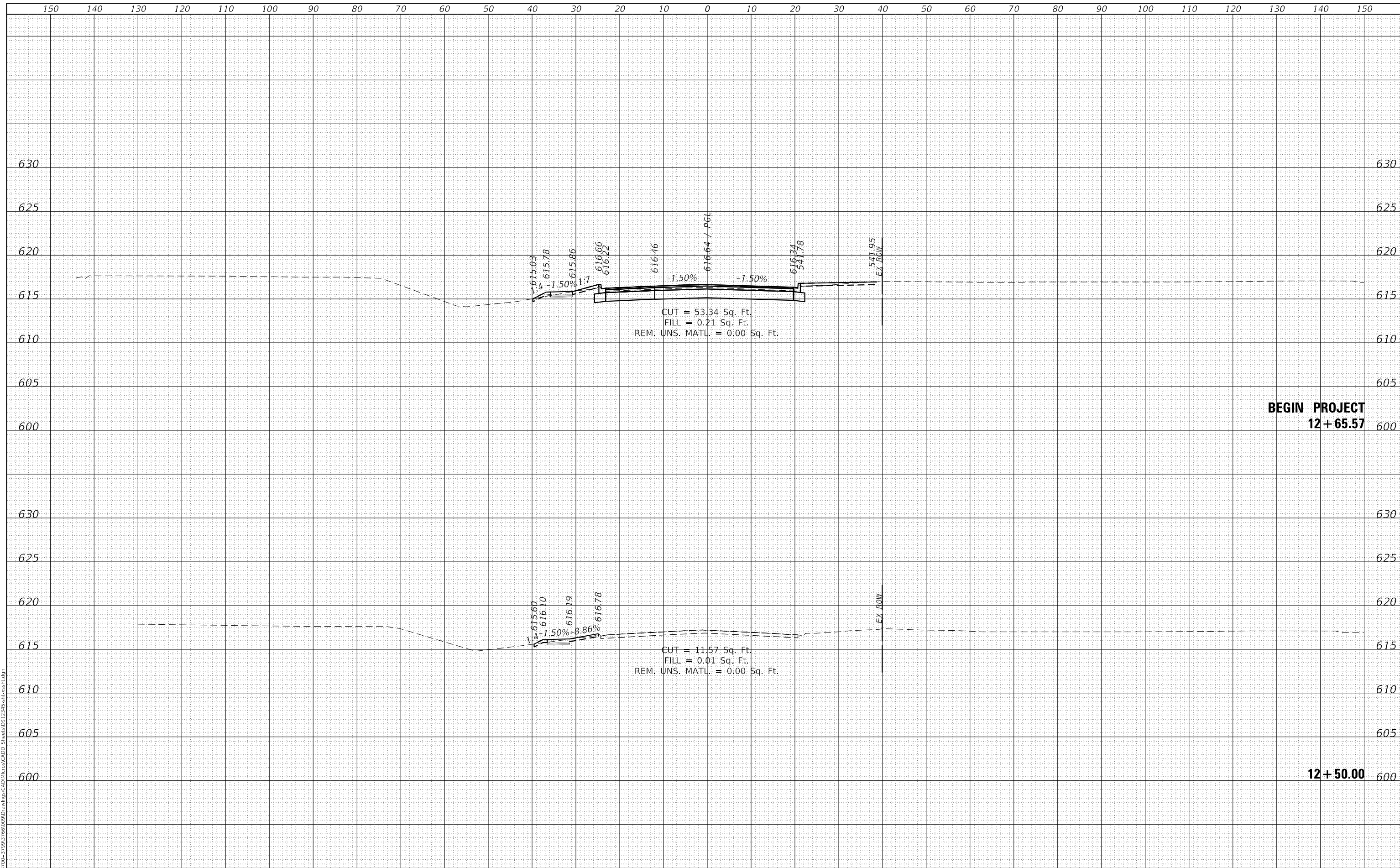
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDIAN BOUNDARY ROAD	TR	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ILLINOIS URBAN MANUAL STANDARDS	0052	17-00064-00-BR	WILL	89	75
SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	

CONTRACT NO. 61H25	
ILLINOIS FED. AID PROJECT	

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

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



BEGIN PROJECT
12 + 65.57

12 + 50.00



USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
PROPOSED ROADWAY CROSS SECTIONS

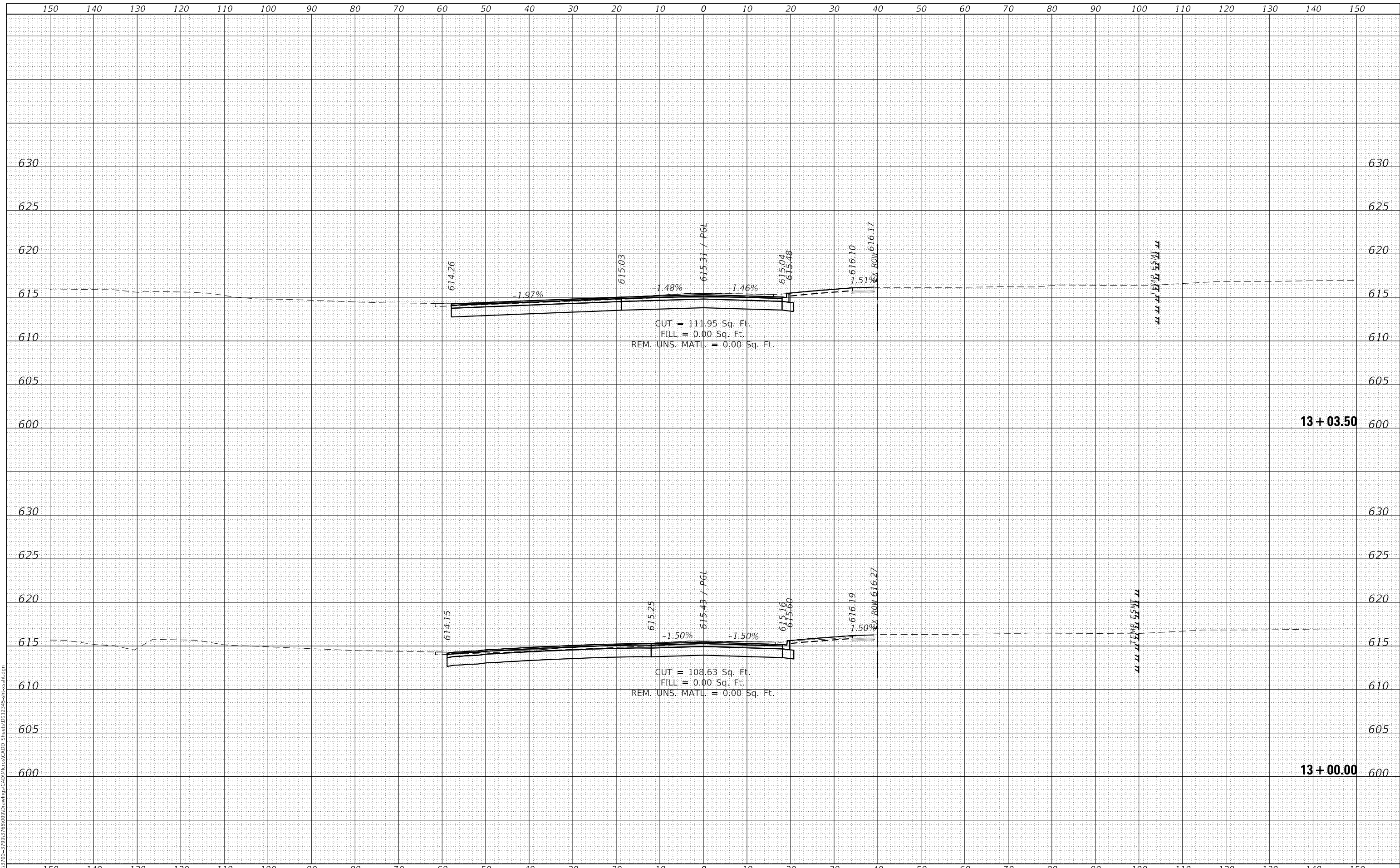
SCALE: 10H 5V SHEET 1 OF 15 SHEETS STA. 12+50.00 TO STA. 12+65.57

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	76
			CONTRACT NO. 61H25	
ILLINOIS FED. AID PROJECT				

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

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

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 STRAND ASSOCIATES*



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDIAN BOUNDARY ROAD
 PROPOSED ROADWAY CROSS SECTIONS

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

SCALE: 10H 5V SHEET 2 OF 15 SHEETS STA. 13+00.00 TO STA. 13+03.50

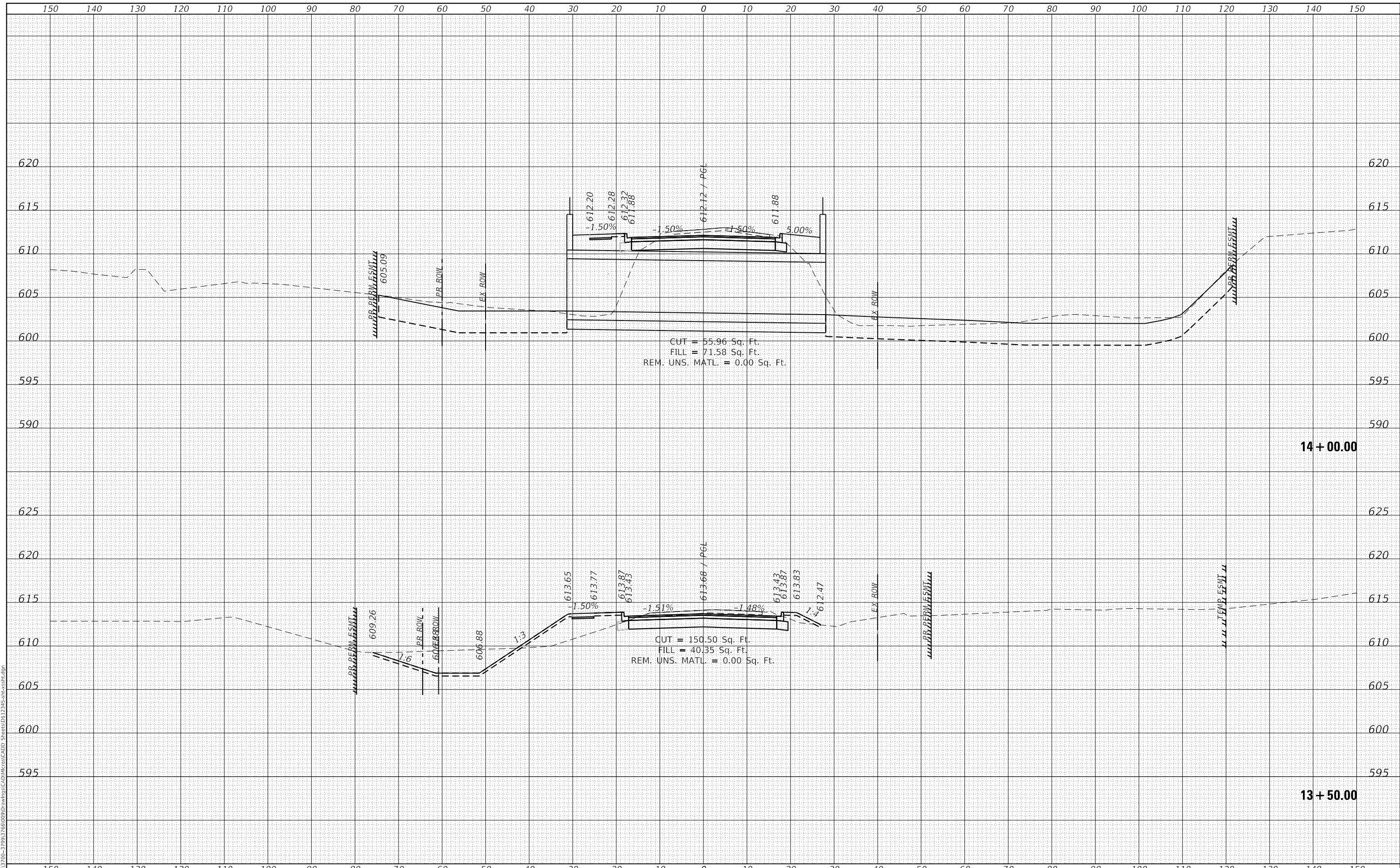
TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	77
				CONTRACT NO. 61H25

ILLINOIS FED. AID PROJECT

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

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

MODEL: Defaul
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1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
STRAND ASSOCIATES

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

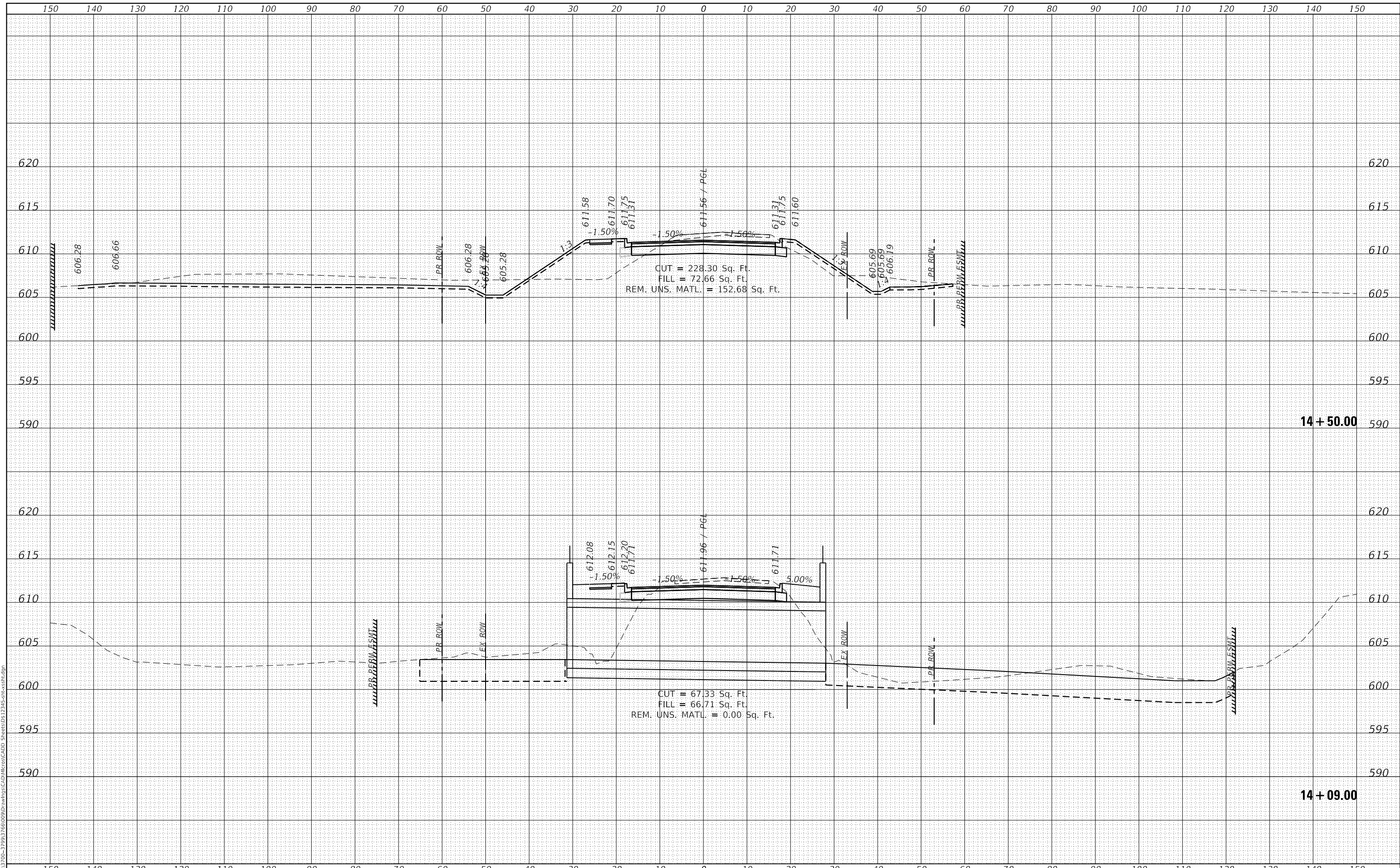
**INDIAN BOUNDARY ROAD
 PROPOSED ROADWAY CROSS SECTIONS**
 SCALE: 10H 5V SHEET 3 OF 15 SHEETS STA. 13+50.00 TO STA. 14+00.00

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	78
				CONTRACT NO. 61H25
ILLINOIS FED. AID PROJECT				

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

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

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 STRAND ASSOCIATES*



1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
 STRAND ASSOCIATES*

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

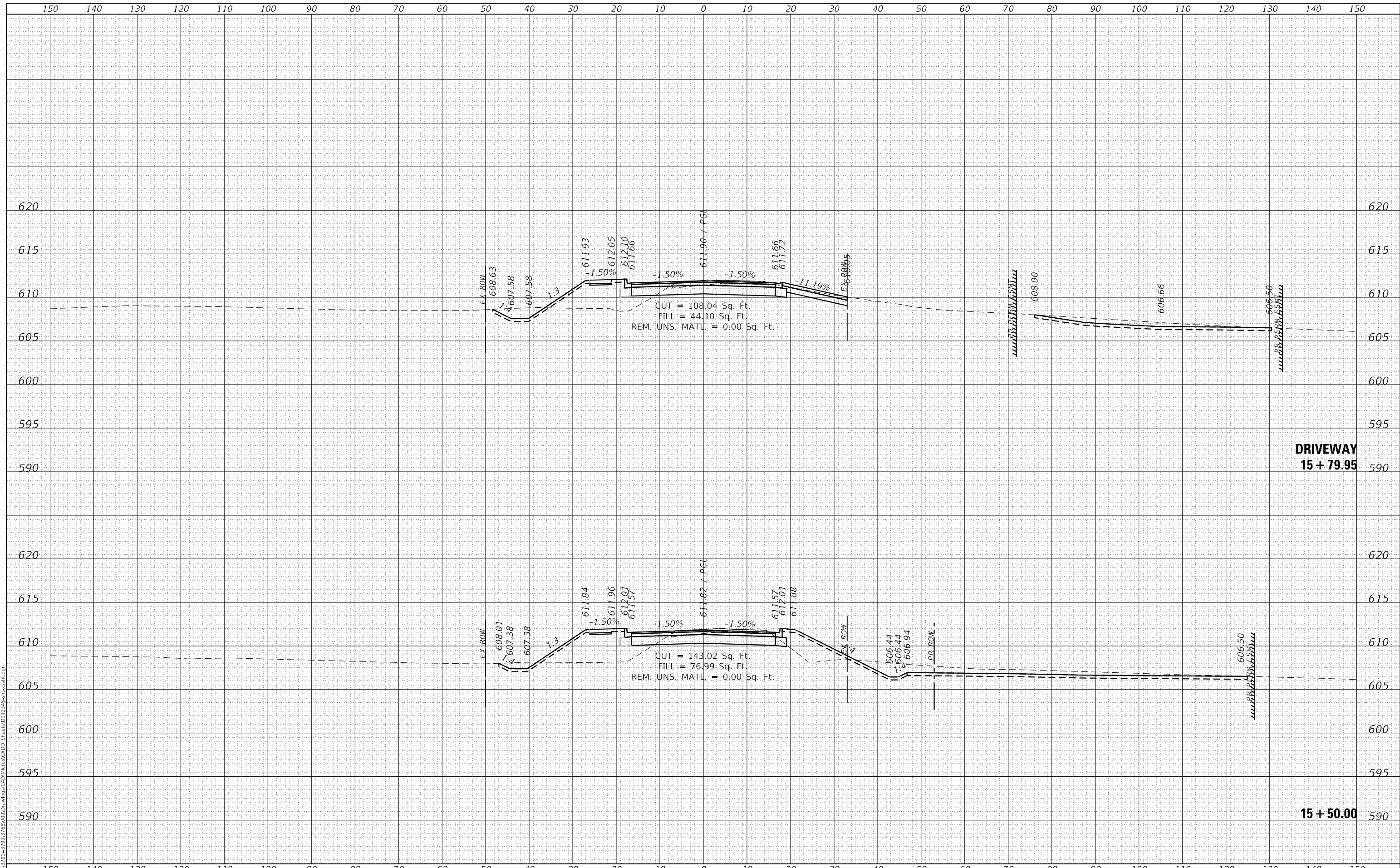
INDIAN BOUNDARY ROAD
 PROPOSED ROADWAY CROSS SECTIONS
 SCALE: 10H 5V
 SHEET 4 OF 15 SHEETS
 STA. 14+09.00 TO STA. 14+50.00

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	79
				CONTRACT NO. 61H25
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Defaul
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 PROPOSED ROADWAY CROSS SECTIONS**

USER NAME = jackd	DESIGNED -	REVISD -
MODEL NAME = Default	DRAWN -	REVISD -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -
PLOT DATE = 9/5/2023	DATE -	REVISD -

TR. RTE. 0052	SECTION 17-00064-00-BR	COUNTY WILL	TOTAL SHEETS 89	SHEET NO. 81
CONTRACT NO. 61H25				

SCALE: 10H 5V SHEET 6 OF 15 SHEETS STA. 15+50.00 TO STA. 15+79.95

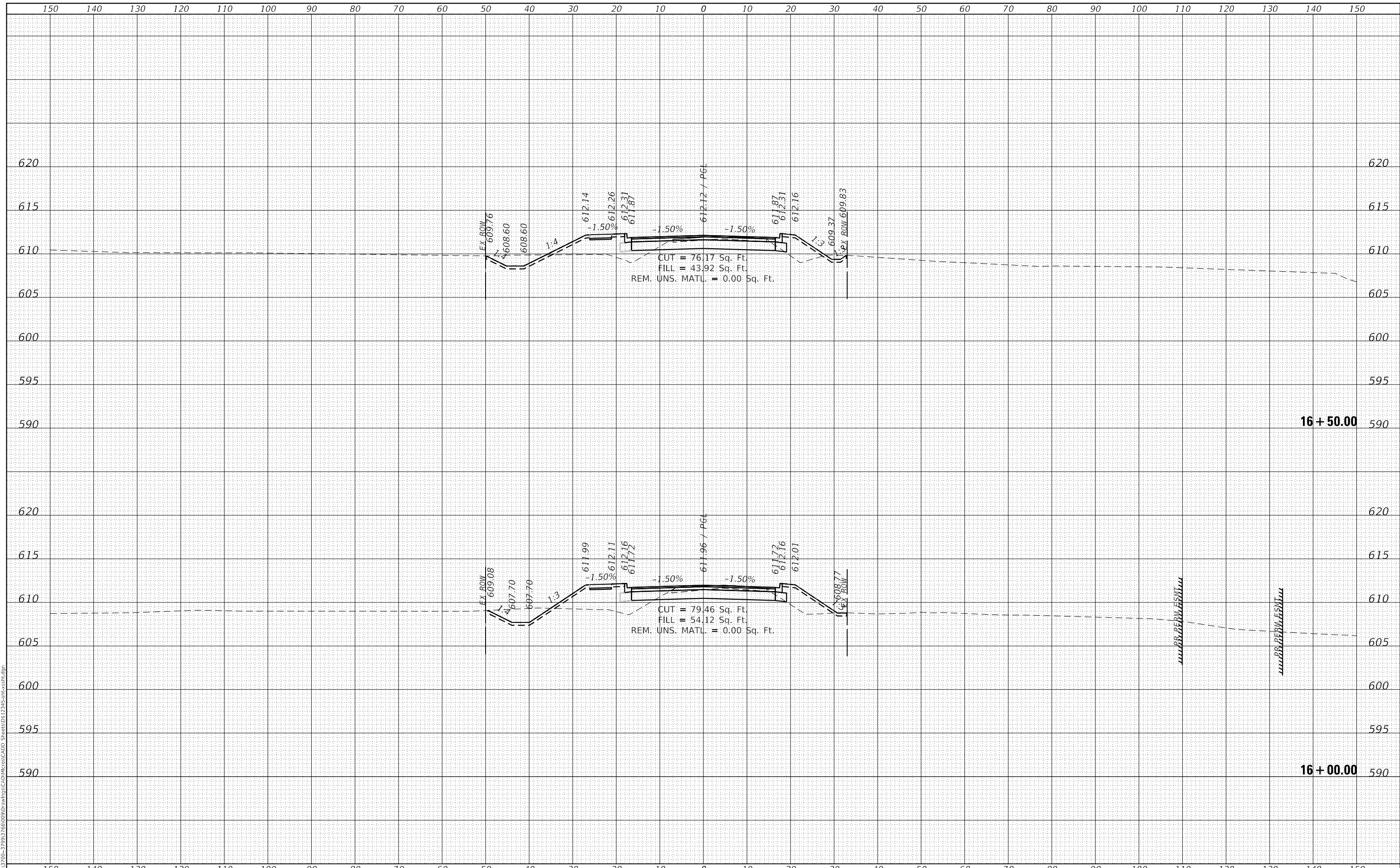
ILLINOIS FED. AID PROJECT



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

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

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1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
STRAND ASSOCIATES*

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

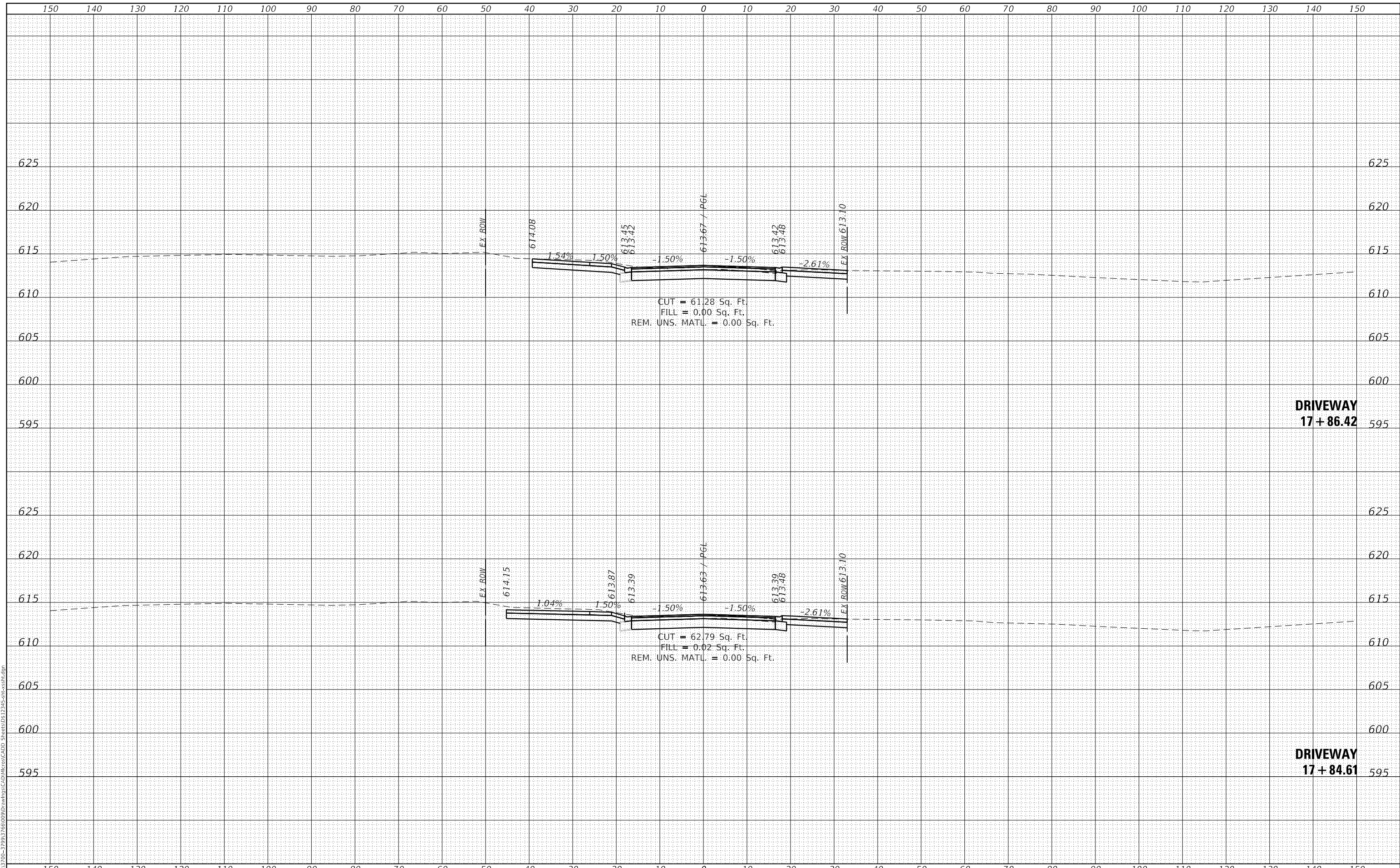
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
PROPOSED ROADWAY CROSS SECTIONS**
SCALE: 10H 5V SHEET 7 OF 15 SHEETS STA. 16+00.00 TO STA. 16+50.00

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	82
CONTRACT NO. 61H25				
ILLINOIS FED. AID PROJECT				

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

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



MODEL: Defaulr
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 STRAND ASSOCIATES*
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

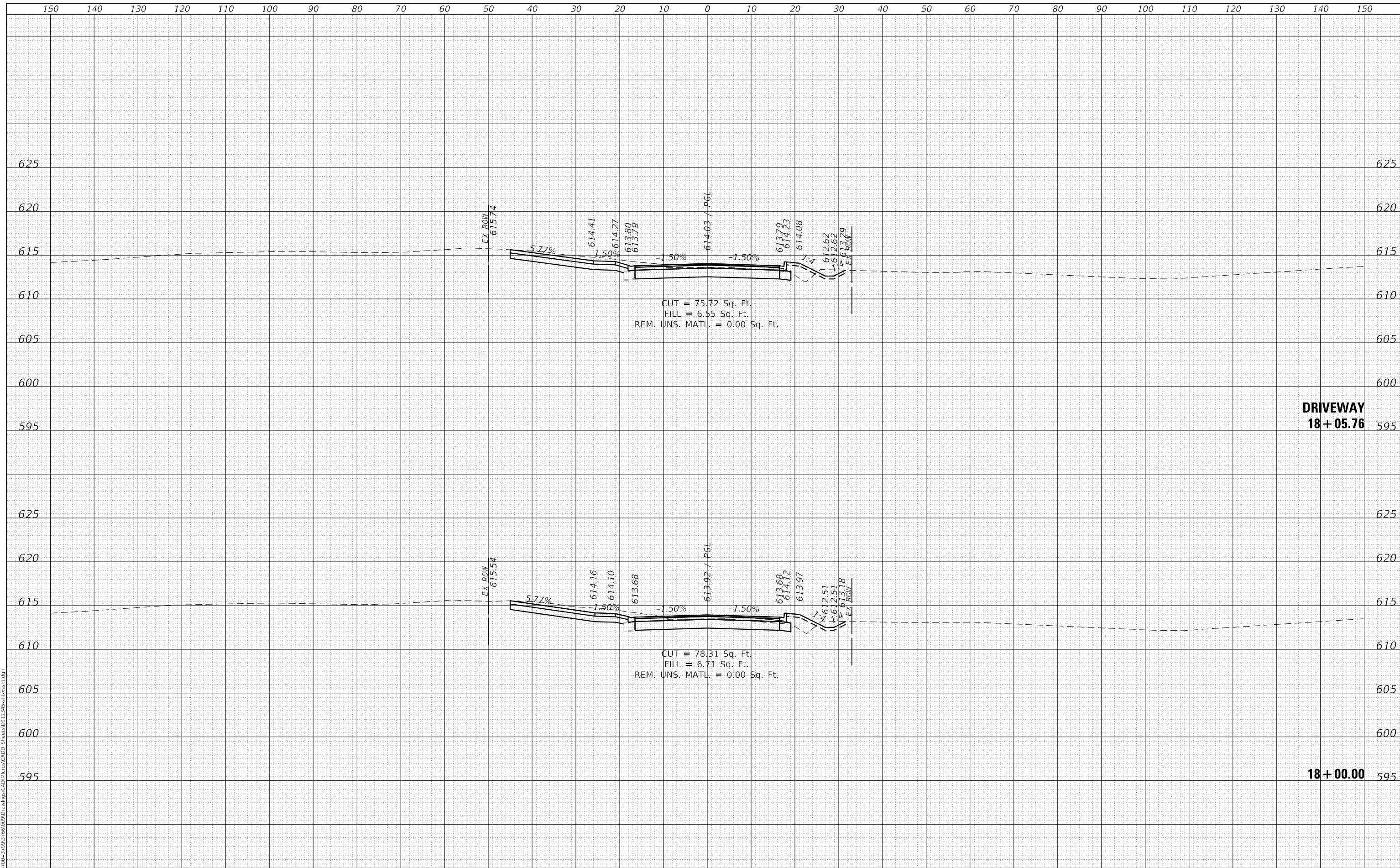
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
 PROPOSED ROADWAY CROSS SECTIONS**
 SCALE: 10H 5V SHEET 9 OF 15 SHEETS STA. 17+84.61 TO STA. 17+86.42

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	84
			CONTRACT NO. 61H25	
ILLINOIS FED. AID PROJECT				

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

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



DRIVEWAY
18 + 05.76

18 + 00.00

MODEL: Defaulr
FILE NAME: S:\013\1700-3799\1766\09\DWG\CADD_Sheets\17345-Strand.ctb
STRAND ASSOCIATES*
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

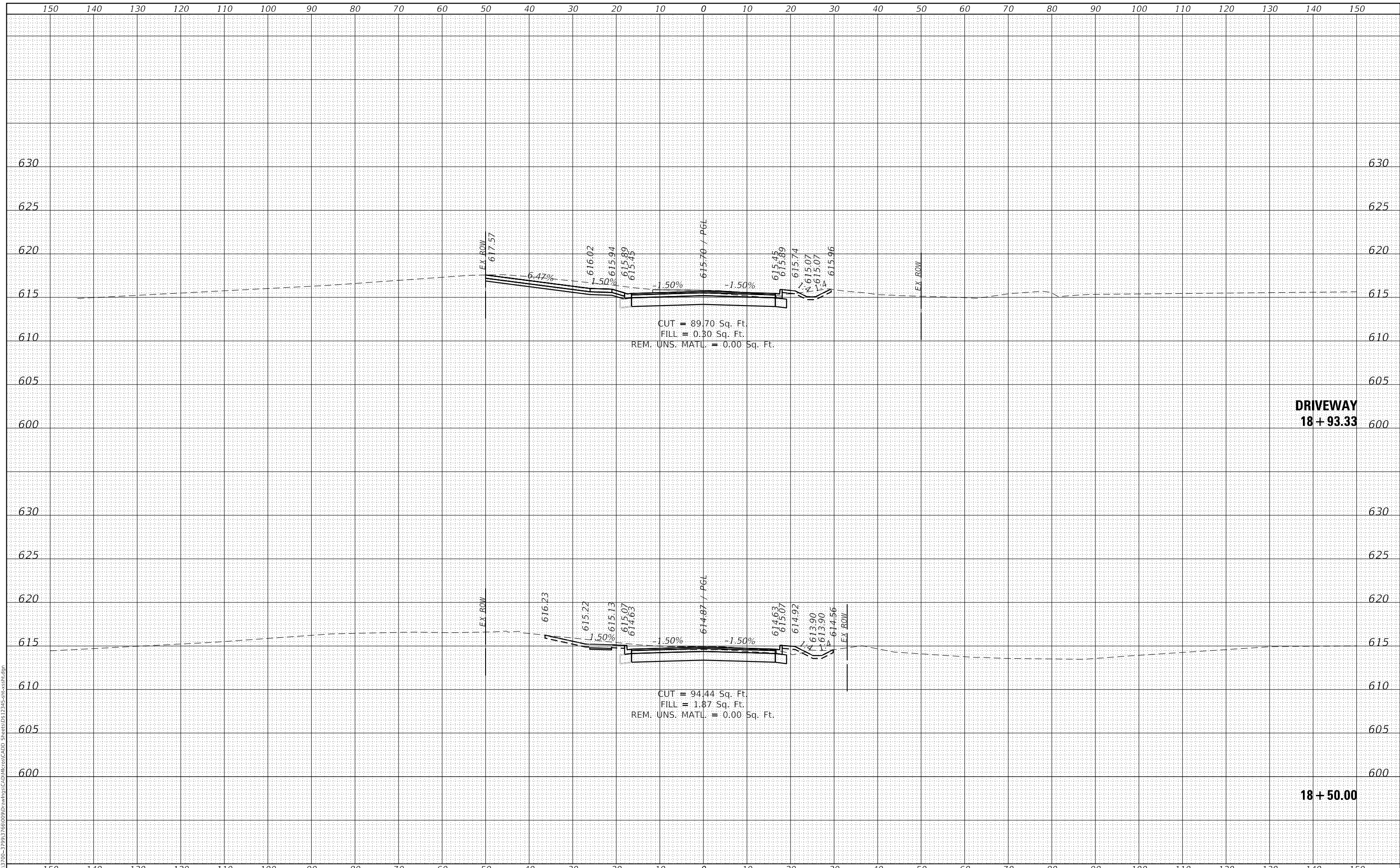
INDIAN BOUNDARY ROAD
PROPOSED ROADWAY CROSS SECTIONS
SCALE: 10H 5V SHEET 10 OF 15 SHEETS STA. 18+00.00 TO STA. 18+05.76

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	85
				CONTRACT NO. 61H25
				ILLINOIS FED. AID PROJECT

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

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

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1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
STRAND ASSOCIATES*

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

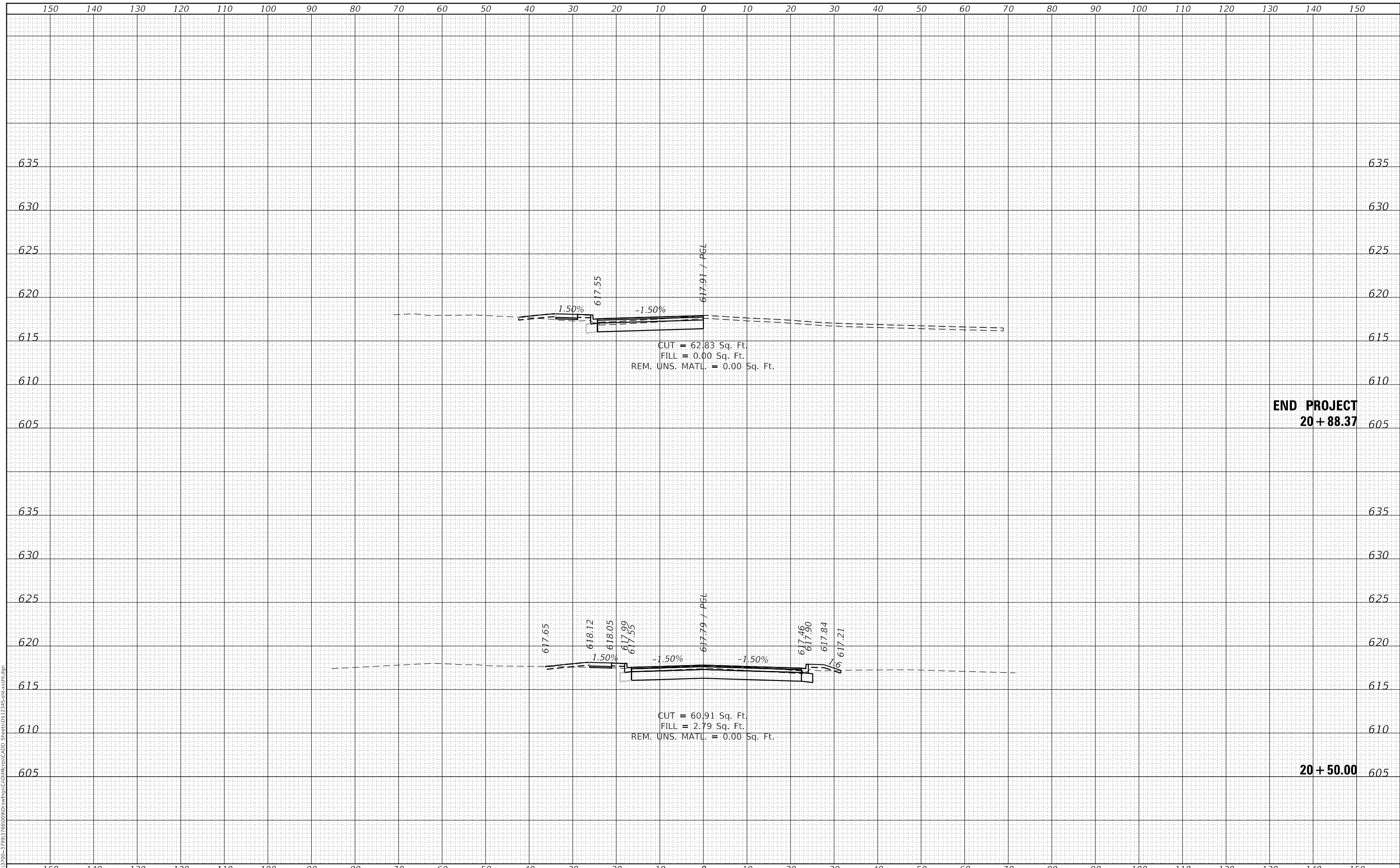
**INDIAN BOUNDARY ROAD
 PROPOSED ROADWAY CROSS SECTIONS**
 SCALE: 10H 5V SHEET 11 OF 15 SHEETS STA. 18+50.00 TO STA. 18+93.33

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	86
				CONTRACT NO. 61H25

ILLINOIS FED. AID PROJECT

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

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



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDIAN BOUNDARY ROAD
PROPOSED ROADWAY CROSS SECTIONS**

USER NAME = jackd	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/5/2023	DATE -	REVISED -

SCALE: 10H 5V SHEET 14 OF 15 SHEETS STA. 20+50.00 TO STA. 20+88.37

TR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0052	17-00064-00-BR	WILL	89	89
				CONTRACT NO. 61H25

**END PROJECT
20 + 88.37**

20 + 50.00