

09-18-2026 LETTING ITEM 022

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

EXISTING JOHNSON ROAD ADT = 300 (2021)

FUTURE JOHNSON ROAD ADT = 1,000 (2050)

SPEED LIMIT

POSTED = 55 MPH

DESIGN = 55 MPH

DESIGN DESIGNATION

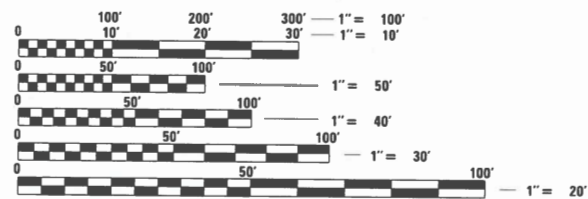
JOHNSON ROAD = LOCAL



Jason Gregor
JASON GREGOR, P.E.
LICENSE NO.: 062-056660
EXPIRES: NOVEMBER 30, 2027
FOR SHEETS



Amish Bhatt
AMISH T. BHATT, P.E., S.E.
LICENSE NO.: 081-006249
EXPIRES: NOVEMBER 30, 2026
FOR SHEETS



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 EXCAVATORS
1-800-892-0123
OR 811

AECOM

ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST., SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-7700

CONTRACT NO. 61L85

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

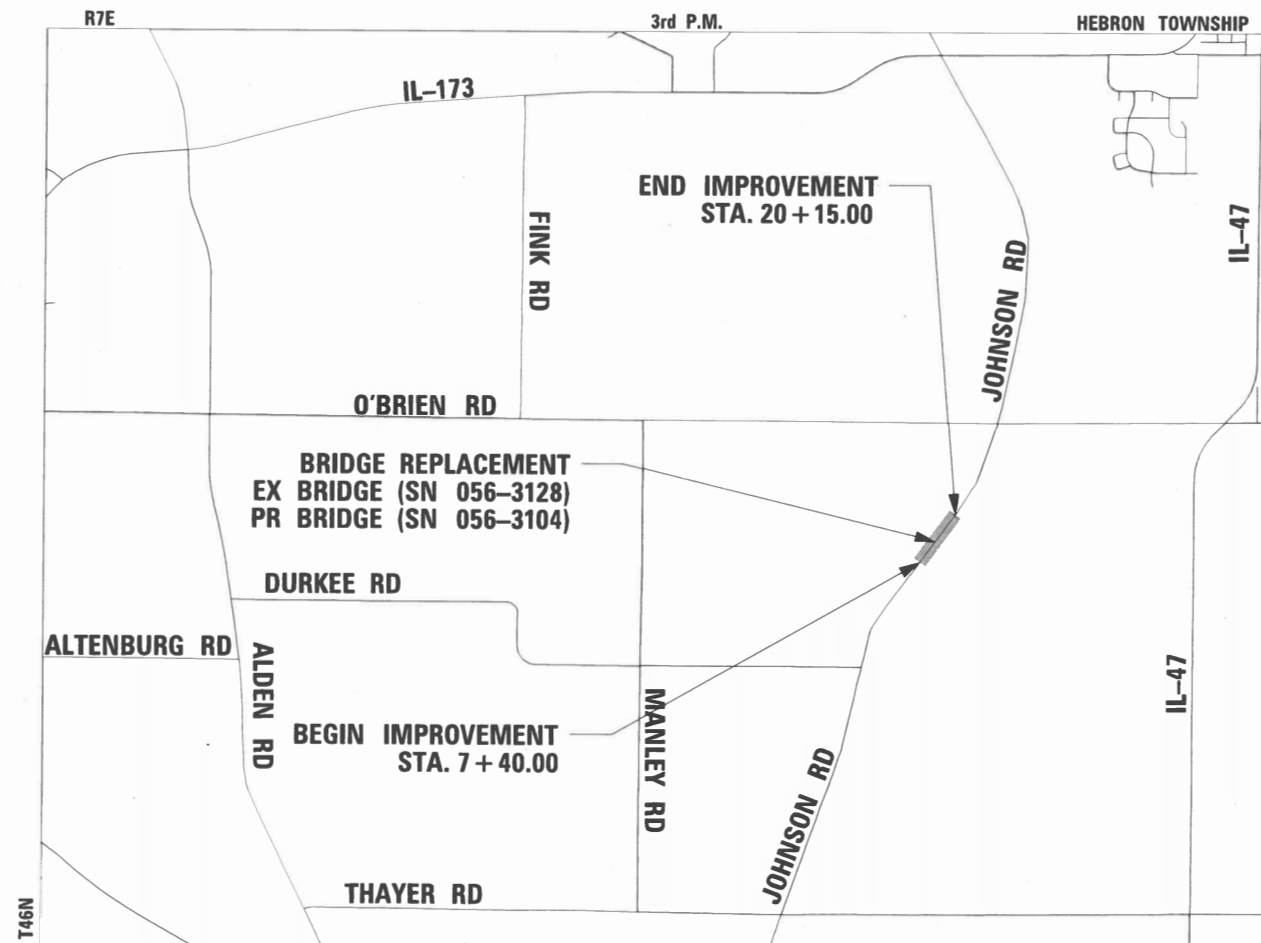
JOHNSON ROAD (CH 27)
OVER NIPPERSINK CREEK
BRIDGE REMOVAL AND REPLACEMENT

SECTION 18-00488-00-BR

PROJECT NO. 50B4(000)

MCHENRY COUNTY

JOB NO. C-91-290-19



GROSS LENGTH = 1,275 FT. = 0.241 MILE

NET LENGTH = 1,275 FT. = 0.241 MILE

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	1
ILLINOIS			CONTRACT NO. 61L85	



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Approved *July 22 20 25*
Joe P. Korpalski Jr.
COUNTY OF MCHENRY, COUNTY ENGINEER

PASSED *July 13 20 26*
C. Bhatt
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON
LIMITED REVIEW *July 13 20 26*
Joe P. Korpalski Jr.
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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

MODEL: SHOMELNAMES
FILE: \\miller-prod-ws-com-be-w-bentley.com\AECOM_USA_Illinois\Documents\60737993-Johnson Road Bridge - Phase II\000-CAD_GIS\010_CAD\03_SHEETS\CD\002_60737993_SHT_INDEX-STD5.dgn

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HIGHWAY STANDARDS

IDOT STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-04	NAME PLATE FOR BRIDGES
542411	SLOPED METAL END SECTIONS FOR PIPE CULVERTS 15" THRU 60" DIA.
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602301-04	INLET - TYPE A
604001-05	FRAME AND LIDS TYPE 1
630001-13	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
664001-02	CHAIN LINK FENCE
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-11	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
B.L.R. 24-2	MAILBOX TURNOUT FOR LOCAL ROADS

DISTRICT 1 STANDARDS

D1 STANDARD NO.	DESCRIPTION
BD-34	DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY1, SPL.
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	TYPICAL PAVEMENT MARKINGS
TC-21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC-26	DRIVEWAY ENTRANCE SIGNING

MCHENRY COUNTY DIVISION OF TRANSPORTATION

MCDOT DETAIL	DRIVEWAY DETAIL - MCDOT
MCDOT DETAIL	DRAIN TILE OUTFALL (SPECIAL)

EROSION AND SEDIMENT CONTROL DETAILS

STANDARD NO.	DESCRIPTION
IL ENG-49	SILT FENCE
IUM-530	EROSION CONTROL BLANKET INSTALLATION DETAILS
IUM-627	TEMPORARY SOIL STOCKPILE DETAIL
IUM-654BW	TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL
IL-690	TREE PROTECTION - FENCING
IL-630	STABILIZED CONSTRUCTION ENTRANCE PLAN

PERMITTING CONTACT

ILLINOIS DEPARTMENT OF NATURAL RESOURCES - OFFICE OF WATER RESOURCES
ONE NATURAL RESOURCES WAY, SPRINGFIELD, IL 62702
(217) 782-3863
WILLIAM.BOYD@ILLINOIS.GOV
CONTACT: WILLIAM BOYD, P.E.

MCHENRY COUNTY PLANNING AND DEVELOPMENT (MCPD)
2200 N. SEMINARY AVENUE, WOODSTOCK, IL 60098
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SXXKOLEV@MCHENRYCOUNTYIL.GOV
CONTACT: STOYAN KOLEV

MCHENRY LAKE COUNTY SOIL AND WATER CONSERVATION DISTRICT (MLCSWCD)
1648 S. EASTWOOD DRIVE, WOODSTOCK, IL 60098
(815) 338-0444 (EXT 3)
AIDAN.WOLTMAN@MCHENRYSWCD.ORG
CONTACT: AIDAN WOLTMAN

UNITED STATES ARMY CORPS OF ENGINEERS (USACOE) - CHICAGO DISTRICT
231 SOUTH LASALLE STREET, SUITE 1500, CHICAGO, IL 60604
(312) 846-5540
CONTACT: STASI BROWN

UTILITY CONTACTS

COMED - PUBLIC RELOCATION DEPT
PAUL CASPERSON
THREE LINCOLN CENTRE, SUITE 600
OAKBROOK TERRACE, IL 60681
630-234-4859
PAUL.CASPERSON@COMED.COM

FRONTIER COMMUNICATIONS
KALIN HINSHAW
815-895-1515
KALIN.HINSHAW@FTR.COM

PUBLIC SERVICE CONTACT LIST

MCHENRY COUNTY EMERGENCY TELEPHONE SYSTEM BOARD
THERESA K. SCHULTE - DIRECTOR
2200 N. SEMINARY AVE. SUITE 167; WOODSTOCK, IL 60098
815-337-7911
MCETSB@MCHENRYCOUNTLYIL.GOV

ALDEN TOWNSHIP
BART SCHNULLE - HIGHWAY COMMISSIONER
8515 ALDEN RD; HARVARD, IL 60033
618-625-2968
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HEBRON TOWNSHIP
ZEKE NICKELS - HIGHWAY COMMISSIONER
10206 SEAMAN RD; HEBRON, IL 60034
815-648-2077
HEBRONHWYCOMMISSIONER@GMAIL.COM

MCHENRY COUNTY SHERIFF'S OFFICE
ROBB TADELMAN - MCHENRY COUNTY SHERIFF
2200 N. SEMINARY AVE; WOODSTOCK, IL 60098
815-338-2144
SHERIFF@MCHENRYCOUNTYIL.GOV

HEBRON-ALDEN-GREENWOOD FIRE PROTECTION DISTRICT
THOMAS LINNEMAN - FIRE CHIEF
PO BOX 345; HEBRON, IL 60034
815-648-2218
HAGFPD@HOTMAIL.COM AND STATION8@HAGFPD.ORG

UNITED STATES POSTAL SERVICE
KAY ANN WILKINSON - POSTMASTER
9912 ILLINOIS ST; HEBRON, IL 60034
815-648-1719
KAYANN.WILKINSON@USPS.GOV

ALDEN-HEBRON SCHOOL DISTRICT 19
TIFFANY ELSWICK - SUPERINTENDENT
9604 ILLINOIS ST; HEBRON, IL 60034
815-648-2442 EXT. 1521
TELSWICK@AH19.ORG

ILLINOIS DEPARTMENT OF NATURAL RESOURCES
GEORGE BELLOVICS - GRAND ILLINOIS TRAIL COORDINATOR
ONE NATURAL RESOURCES WAY; SPRINGFIELD, IL 62702
618-625-2968
DNR.GREENWAY@ILLINOIS.GOV AND GEORGE.BELLOVICS@ILLINOIS.GOV

RIDE ILLINOIS
DAVE SIMMONS - EXECUTIVE DIRECTOR
815 LEICESTER RODD #314; ELK GROVE VILLAGE, IL 60007
613-216-9282
INFO@RIDEILLINOIS.ORG AND DAVE@RIDEILLINOIS.ORG

COMMITMENTS

- TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED FROM APRIL 1ST THROUGH OCTOBER 11TH OF ANY GIVEN YEAR.
- ALL DISTURBED AREAS SHALL BE RE-SEEDED WITH A CLASS 4 NATIVE SEED MIX ACCORDANCE WITH SECTION 250 OF IDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS APPROPRIATE.
- IF TEMPORARY OR PERMANENT LIGHTING IS REQUIRED, THE DEPARTMENT RECOMMENDS THE FOLLOWING LIGHTING RECOMMENDATION TO MINIMIZE ADVERSE EFFECTS TO WILDLIFE:
 - ALL LIGHTING SHOULD BE FULLY SHIELDED FIXTURES THAT EMIT NO LIGHT UPWARD.
 - ONLY "WARM-WHITE" OR FILTERED LEDs (CCT<3,000 K: S/P RATIO < 1.2) SHOULD BE USED TO MINIMIZE BLUE EMISSION.
 - ONLY LIGHT THE EXACT SPACE WITH THE AMOUNT (LUMENS) NEEDED TO MEET FACILITY SAFETY REQUIREMENT.
 - IF LEDs ARE TO BE USED, AVOID THE TEMPTATION TO OVER-LIGHT BASED ON THE HIGHER LUMINOUS EFFICIENCY OF LEDs.
- IF EROSION CONTROL BLANKET IS TO BE USED, THE DEPARTMENT ALSO RECOMMENDS THAT WILDLIFE-FRIENDLY PLASTIC-FREE BLANKET BE USED AROUND WETLANDS AND ADJACENT TO NATURAL AREAS, IF NOT FEASIBLE TO IMPLEMENT PROJECT WIDE, TO PREVENT THE ENTANGLEMENT OF NATIVE WILDLIFE.
- CONTACT MCHENRY COUNTY CONSERVATION DISTRICT TWO-WEEKS BEFORE BRIDGE WORK BEGINS TO RELOCATE MUSSELS. CONTACT CINDI JABLONSKI, WILDLIFE ECOLOGIST, AT CJABLONSKI@MCCDISTRICT.ORG OR (815) 338-6223.



ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 375-7700

USER NAME = ken,moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
INDEX OF SHEETS, HIGHWAY STANDARDS, DETAILS, AND CONTACTS

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

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	2
			CONTRACT NO. 61L85	
		ILLINOIS	FED. AID PROJECT	

MODEL: SHOMODEL\MAMES
FILE: MAMEE: p:\data\com\be\ben\benley.com\AECOM_USA_Illinois\Documents\60737993-Johnson Road Bridge - Phase II\000-CAD GIS\010_CAD\03_SHEETS\CD\003_60737993_SHT_Gen-Notes.dgn

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022 (HEREIN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2026; THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. ALL WORK SHALL BE COMPLETED WITHIN THE LIMITS OF THE PROJECT SHOWN. NO EQUIPMENT, MATERIAL YARD OR FIELD OFFICE SHALL BE SET UP OR STORED ON COUNTY OR PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION OF THE ENGINEER.
3. TRAFFIC CONTROL DEVICES: ALL TRAFFIC CONTROL DEVICES USED FOR THE DETOUR AS DETAILED ON THE PLANS SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT OR AS DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR SHALL TAKE EXTREME CAUTION DURING ALL PHASES OF CONSTRUCTION TO PREVENT THE DEPOSITION OF ANY MATERIAL INTO THE WATERWAY. DEMOLITION AND CONSTRUCTION ACTIVITIES WITHIN THE FLOODPLAIN SHALL BE IN ACCORDANCE WITH THE REGIONAL PERMIT NUMBER LRC-2023-131 OF THE UNITED STATES ARMY CORPS OF ENGINEERS AUTHORIZED UNDER SECTION 404 OF THE CLEAN WATER ACT. THE IEPA HAS ISSUED SECTION 401 WATER QUALITY CERTIFICATION FOR THIS ACTIVITY. SEE SPECIAL PROVISIONS FOR CONDITIONS.
5. RIGHT-OF-WAY MARKERS SHALL BE INSTALLED USING METHOD B OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARD 666001-01.
6. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
7. EXISTING MAILBOXES AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE LOCAL POSTAL AUTHORITY AND THE ENGINEER. THIS WORK WILL BE PAID AS "RELOCATE EXISTING MAILBOX".
8. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
9. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
10. THE 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. THE CONTRACTOR SHALL REMOVE ONLY THOSE TREES AND SHRUBS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER OR THOSE, WHICH DIRECTLY INTERFERE WITH THE SAFETY OR QUALITY OF CONSTRUCTION PRACTICES. THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN WORKING NEAR EXISTING TREES AND SHRUBS TO AVOID DAMAGING THOSE NOT SCHEDULED FOR REMOVAL AND SHALL REPLACE IN-KIND ANY DAMAGED PLANTS.
11. PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED.
12. THE CONTRACTOR SHALL PROVIDE THE FINISHED GRADE DTM BEFORE LANDSCAPING TO VERIFY MCP&D STORMWATER MANAGEMENT PERMIT IS SATISFIED. SEE SPECIAL PROVISION FOR CONSTRUCTION LAYOUT.
13. 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.

UTILITY NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL " JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES AND FACILITIES. 48 HOURS NOTIFICATION IS REQUIRED.
2. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
4. THE CONTRACTOR SHALL COOPERATE WITH THE COUNTY IF ANY UNDERGROUND IMPROVEMENTS ARE REQUIRED BY THE COUNTY OR STATE WITHIN THE DURATION OF THE CONTRACT.

MCHENRY COUNTY STANDARD DRAIN TILE NOTES

1. DRAIN TILES DISTURBED DURING CONSTRUCTION SHALL BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE, UNLESS THE PLANS SPECIFY ABANDONMENT OF THE DRAIN TILES.
2. ALL ABANDONED DRAIN TILES WITHIN DISTURBED AREAS SHALL BE REMOVED IN THEIR ENTIRETY.
3. DRAIN TILES WITHIN THE DISTURBED AREA OF A CONSTRUCTION SITE SHALL BE REPLACED, BYPASSED AROUND THE SITE, OR INTERCEPTED AND CONNECTED TO THE STORMWATER MANAGEMENT SYSTEM FOR THE SITE. THE SIZE OF THE REPLACED OR BYPASSED DRAIN TILE SHALL BE EQUIVALENT TO THE EXISTING DRAIN TILE.

DRAINAGE NOTES

1. DURING CONSTRUCTION OPERATIONS, ALL LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE ROUTES AND TEMPORARY DITCHES THAT OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE FEATURES SHALL BE CLEANED AS NECESSARY TO ENSURE THAT THEY ARE FREE FROM ALL DIRT AND DEBRIS PRIOR TO THE FINAL INSPECTION OF THE PROJECT.
2. MORTAR: ALL CONNECTION POINTS WHERE THE DRAIN TILE ENTERS THE DRAINAGE STRUCTURE SHALL BE MORTARED ON THE INSIDE AND OUTSIDE OF THE DRAINAGE STRUCTURE. THE MORTAR MATERIAL SHALL BE PLACED AROUND THE ENTIRE CIRCUMFERENCE OF THE PIPE. THE MORTAR MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 602.04.'
3. INVESTIGATION INDICATED NO DRAIN TILES ARE PRESENT. HOWEVER, IF ANY FARM DRAIN FIELD TILE SYSTEM OR OTHER UNDERGROUND TILE FACILITIES IS ENCOUNTERED IN THE WORK ZONE, THE TILE SHALL BE LOCATED, STAKED AND REPORTED TO THE ENGINEER. ANY DRAINAGE LINES WHICH ARE CUT OR DAMAGED BY GRADING, TRENCHING, EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AS TO MAINTAIN ITS ORIGINAL ALIGNMENT.

THIS WORK SHALL BE IN ACCORDANCE WITH THE PLAN DETAIL AND SPECIAL PROVISION FOR DRAIN TILE OUTFALL (SPECIAL).THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT.
4. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT.

EARTHWORK & ROADWAY

1. THE CONTRACTOR WILL NOT BE ALLOWED TO STOCK PILE MATERIAL(S) BEYOND THE PROJECT LIMITS. THE CONTRACTOR WILL NOT PLACE STOCK PILES IN LOCATIONS WHERE THEY WILL INTERFERE WITH DRAINAGE WAYS OR ON PAVEMENTS THAT ARE NOT SPECIFIED FOR REMOVAL. ANY DAMAGE CAUSED BY THE CONTRACTORS STOCK PILING OR CONSTRUCTION OPERATIONS WILL BE REPAIRED BY THE CONTRACTOR.
2. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE 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 ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
3. ALL EXCAVATION AND EMBANKMENT LOCATIONS REQUIRING SEEDING SHALL BE CONSTRUCTED TO 6 INCHES BELOW FINISHED GRADE LINE TO ALLOW TOPSOIL PLACEMENT.
4. PAVEMENT ELEVATIONS: THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES FOR THE PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.
5. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
6. THE AGGREGATE GRADATION FOR THE LOWER 9 INCHES OF AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER SHALL BE CS 1 OR RR 1.

MAINTAINING ACCESS TO DRIVEWAYS AND ENTRANCES

1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AND ENTRANCES WITHIN THE PROJECT LIMITS AT ALL TIMES. PAY ITEMS AND ASSOCIATED QUANTITIES FOR TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE), AND TEMPORARY ACCESS (ROAD) ARE INCLUDED FOR USE IN MAINTAINING ACCESS.
2. THE MEANS AND METHODS TO MAINTAIN ACCESS SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION FOR THE ENGINEER'S APPROVAL.



ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 375-7700

USER NAME = ken,moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
GENERAL NOTES

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

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	3
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

MODEL SHOWNAMES
FILE NAME: p:\data\com-be\w.bentley.com\AECOM_USA_illinois\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\010_CAD\03_SHEETS\c10\04-010_60737993_SHT_500.dgn

				CONSTRUCTION TYPE CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	TRAINEES
				80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY
				RURAL	SN 056-3104	RURAL
				0004	0010	0042
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	568	568		
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	317	317		
20101000	TEMPORARY FENCE	FOOT	950	950		
* 20101200	TREE ROOT PRUNING	EACH	12	12		
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	4	4		
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	8	8		
20200100	EARTH EXCAVATION	CU YD	2838	2838		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1686	1686		
20300100	CHANNEL EXCAVATION	CU YD	2356	2356		
20400800	FURNISHED EXCAVATION	CU YD	50	50		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	6370	6370		
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2673	2673		
* 25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25		
* 25000310	SEEDING, CLASS 4	ACRE	0.25	0.25		
* 25000314	SEEDING, CLASS 4B	ACRE	0.25	0.25		
* 25000320	SEEDING, CLASS 5	ACRE	0.25	0.25		

* = SPECIALTY ITEM



USER NAME = ken,moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 7 SHEETS STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	4
		CONTRACT NO. 61L85		
		ILLINOIS	FED. AID PROJECT	

MODEL SHOWNAMES
FILE NAME: p:\data\com-be\w.bentley.com\AECOM_USA_Jllinois\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\010_CAD\03_SHEETS\cbl\004-010_60737993_SHT_500.dgn

				CONSTRUCTION TYPE CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	TRAINEES
				80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY
				RURAL	SN 056-3104	RURAL
				0004	0010	0042
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	116	116		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	116	116		
* 25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	6225	6225		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	173	173		
28000305	TEMPORARY DITCH CHECKS	FOOT	227	227		
28000400	PERIMETER EROSION BARRIER	FOOT	5722	5722		
28001105	TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	6684	6684		
28100105	STONE RIPRAP, CLASS A3	SQ YD	228	228		
28100107	STONE RIPRAP, CLASS A4	SQ YD	1793		1793	
28200200	FILTER FABRIC	SQ YD	2275	482	1793	
28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	155		155	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1083	1083		
30300112	AGGREGATE SUBGRADE IMPROVEMENT, 12"	SQ YD	4014	4014		
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	373	373		
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	626	626		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9863	9863		

* = SPECIALTY ITEM



USER NAME = ken,moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	5
		CONTRACT NO. 61L85		
		ILLINOIS	FED. AID PROJECT	

MODEL: SHOMDLMAMES
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY	BRIDGE	TRAINEES
				80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY
				RURAL	SN 056-3104	RURAL
				0004	0010	0042
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1524	1524		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	5828	5828		
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX *D", N50	TON	105	105		
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	2374	2374		
42000060	WELDED WIRE REINFORCEMENT	SQ YD	125	125		
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	125	125		
42001300	PROTECTIVE COAT	SQ YD	125	125		
44000100	PAVEMENT REMOVAL	SQ YD	2696	2696		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	111	111		
48203005	HOT-MIX ASPHALT SHOULDERS, 2"	SQ YD	286	286		
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	1013	1013		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1	
50105220	PIPE CULVERT REMOVAL	FOOT	245	245		
50200100	STRUCTURE EXCAVATION	CU YD	206		206	
50200300	COFFERDAM EXCAVATION	CU YD	57		57	
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1		1	

* = SPECIALTY ITEM



USER NAME = ken,moy	DESIGNED - KLM	REVISED -
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PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	6
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

MODEL: \$MODELNAME\$
FILE: \\na16c1-pw-bentley.com\AECOM_USA_111\proj\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\010_CAD\03_SHEETS\c10\04-010_60737993_SHT_500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY	BRIDGE	TRAINEES
				80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY
				RURAL	SN 056-3104	RURAL
				0004	0010	0042
50300225	CONCRETE STRUCTURES	CU YD	131.8		131.8	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	356.7		356.7	
50300280	CONCRETE ENCASEMENT	CU YD	5.5		5.5	
50300300	PROTECTIVE COAT	SQ YD	1222		1222	
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	97.0		97.0	
50401310	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BEAMS, IL36	FOOT	1451		1451	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	153250		153250	
51201900	FURNISHING STEEL PILES HP14X89	FOOT	1344		1344	
51202305	DRIVING PILES	FOOT	1344		1344	
51203900	TEST PILE STEEL HP14X89	EACH	3		3	
51204650	PILE SHOES	EACH	24		24	
51500100	NAME PLATES	EACH	1		1	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	392	392		
54260715	SLOPED METAL END SECTION WITH GRATE, STANDARD 542411, 15", 1:6	EACH	16	16		
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	128		128	
58700300	CONCRETE SEALER	SQ FT	1850		1850	

* = SPECIALTY ITEM



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PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	7
		CONTRACT NO. 61L85		
		ILLINOIS	FED. AID PROJECT	

MODEL \$MODELNAME\$
FILE \$FILE\$ pw:awcomr18-0w bentley.com/AECOM_USA_IllinoisDocuments60737993-Johnson_Road_Bridge - Phase II000-CAD GIS0310-CAD03-SHEETS\Civil\004.dwg 60737993-SHT_500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY	BRIDGE	TRAINEES
				80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY
				RURAL	SN 056-3104	RURAL
				0004	0010	0042
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	74		74	
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	9	9		
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	80	80		
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	1980	1980		
60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	110		110	
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	256.25	256.25		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4		
* 63200310	GUARDRAIL REMOVAL	FOOT	322	322		
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	17	17		
67100100	MOBILIZATION	L SUM	1	1		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1699	1699		
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	5100	5100		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
* 78004620	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 4"	FOOT	2550	2550		
* 78004630	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 6"	FOOT	2550	2550		

* = SPECIALTY ITEM



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
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PLOT DATE = 7/7/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	8
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

MODEL: SHOMDLNAMES
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY	BRIDGE	TRAINEES
				80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY	80% FEDERAL / 20% COUNTY
				RURAL	SN 056-3104	RURAL
				0004	0010	0042
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	1944	1944		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1944	1944		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8		
* 78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	6	6		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	29	29	
* Z0007124	STEEL RAILING (SPECIAL)	FOOT	452		452	
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	244	244		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0076600	TRAINEES	HOOR	500			500
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	500			500
X0322278	RODENT SHIELDS	EACH	10	10		
X0326806	WASHOUT BASIN	L SUM	1	1		
X0327301	RELOCATE EXISTING MAILBOX	EACH	4	4		
X2011000	TEMPORARY FENCE (SPECIAL)	FOOT	32	32		
* X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	1668	1668		
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4	4		

* = SPECIALTY ITEM



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PLOT DATE = 7/7/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	9
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

MODEL: \$MODELNAME\$
FILE NAME: pw:\\aecom-

[illegible]

* = SPECIALTY ITEM

 ONE PRUDENTIAL PLAZA 130 E. RANDOLPH ST. SUITE 2400 CHICAGO, IL 60601 PHONE: (312) 373-7700	USER NAME = ken.may	DESIGNED - KLM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK SUMMARY OF QUANTITIES				C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000 ' / in.	DRAWN - OH	REVISED -						0027	18-00488-00-BR	MCHENRY	117	10
	PLOT DATE = 7/6/2026	CHECKED - ATB	REVISED -		CONTRACT NO. 61L85								
	PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -										
				SCALE:	SHEET 7	OF 7	SHEETS	STA.	TO STA.				

LEGEND

- A

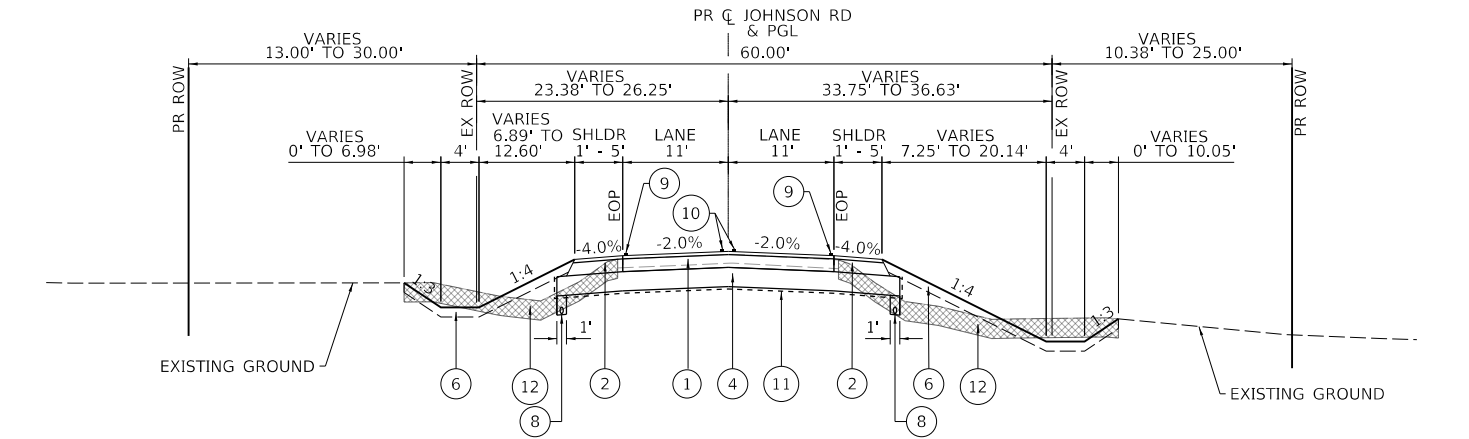
- B**

- C

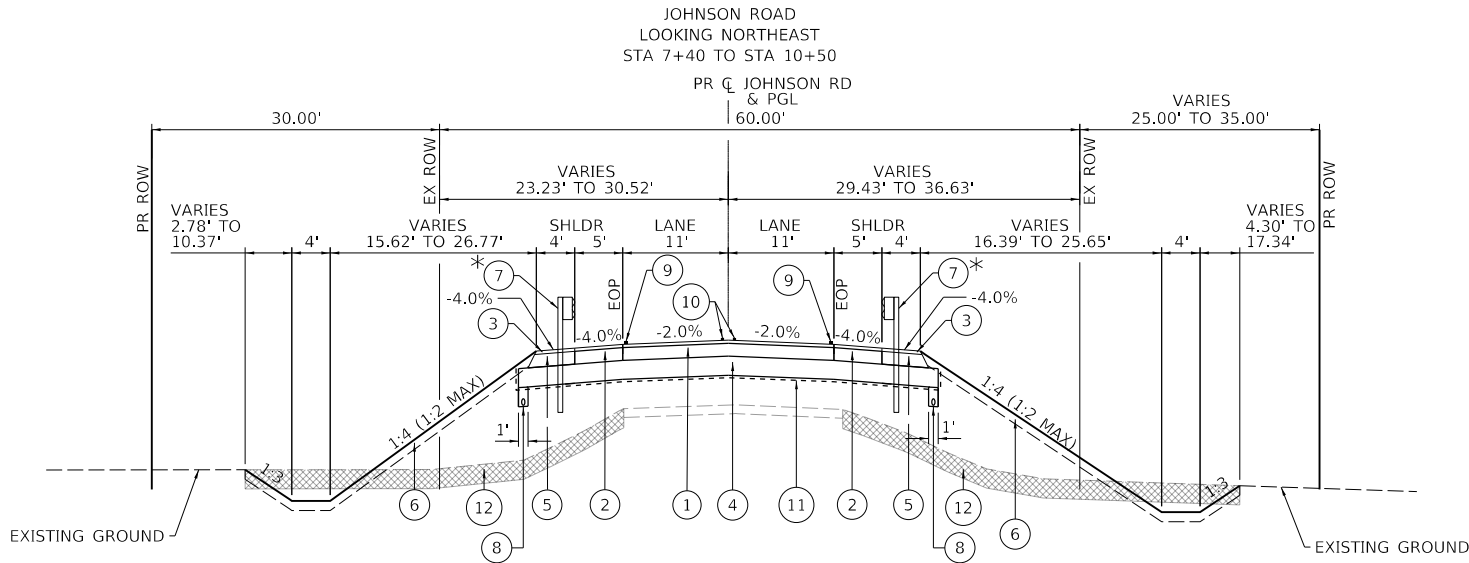


C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	11
		CONTRACT NO. 61LR5		
		ILLINOIS	FEED-AID PROJECT	

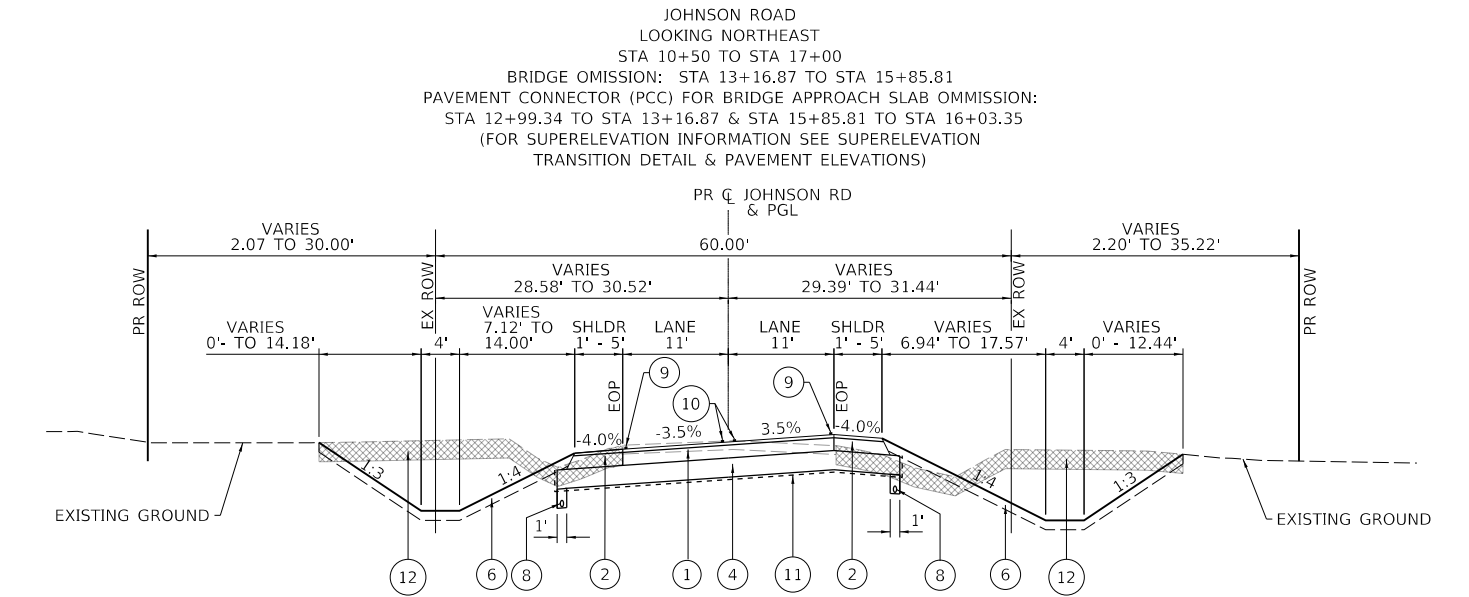
MODEL: SHOMELMAMES
FILE: \\miller-prod\ascom\paw.bentley.com\AECOM_USA_Jill\proj\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\010_CADD\03_SHEETS\cd1012_60737993_SHT_Type-PR_Sections.dgn



PROPOSED TYPICAL SECTION



PROPOSED TYPICAL SECTION



PROPOSED TYPICAL SECTION

LEGEND

- ① HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"
- ② HOT-MIX ASPHALT SHOULDERS, 10"
- ③ HOT-MIX ASPHALT SHOULDERS, 2"
- ④ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑤ AGGREGATE BASE COURSE, TYPE B, 8"
- ⑥ TOPSOIL PLACEMENT, 6" (INCLUDED IN THE COST FOR TOPSOIL EXCAVATION AND PLACEMENT) (FOR SEEDING TYPES & LIMITS SEE LANDSCAPING & PERMANENT EROSION CONTROL PLANS)
- ⑦ * STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ⑧ ** PIPE UNDERDRAINS, TYPE 2, 4"
- ⑨ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 6" (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ⑩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 4" (YELLOW) GROOVING FOR RECESSED PAVEMENT MARKING 5"
- ⑪ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑫ 12" TOPSOIL STRIPPING (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)

* = HMA SURFACE TO BE CORED PRIOR TO GUARDRAIL POST INSTALLATION. COST INCLUDED IN THE GUARDRAIL OR TERMINAL SPECIFIED (TYP).

** = 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.

NOTE:
LONGITUDINAL JOINT SEALANT SHALL BE PLACED BEFORE AND AFTER THE TOP LIFT OF HMA BC IL-19.0 N70.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
LOCATION	MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT - HMA PAVEMENT (FULL DEPTH), 10"			
JOHNSON RD	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2 INCH	4% @ 70 GYR	LR1030-2
	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 INCH	4% @ 70 GYR	LR1030-2
SHOULDERS - HMA SHOULDERS, 10"			
JOHNSON RD	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2 INCH	4% @ 70 GYR	LR1030-2
	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8 INCH	4% @ 70 GYR	LR1030-2
SHOULDERS - HMA SHOULDERS, 2"			
JOHNSON RD	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2 INCH	4% @ 70 GYR	LR1030-2
PRIVATE ENTRANCE/DRIVEWAY			
DRIVEWAY	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3 INCH (IN 2 LIFTS)	4% @ 50 GYR	LR1030-2
RURAL ENTRANCE/DRIVEWAY			
DRIVEWAY	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2 INCH	4% @ 50 GYR	LR1030-2
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2			

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
THE "AC TYPE" SHALL BE "PG 58 -28" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.



ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 375-7700

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
PROPOSED TYPICAL SECTIONS

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

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	12
				CONTRACT NO. 61L85
		ILLINOIS	FED. AID PROJECT	

MODEL SHOMELNAMES
FILE NAME: p:\data\com-be\benley.com\AECOM_USA_Illinois\Documents\60737993-Johnson Road Bridge - Phase II\000-CAD GIS\010_CAD\03_SHEETS\cfd\013-015_60737993_SHT_SCH.dgn

		A	B	C	D	E	F	G	H
		20200100			21101505		20300100	20201200	20400800
		EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE COLUMN A x 0.85 =	EMBANKMENT (NOT A PAY ITEM)	TOPSOIL EXCAVATION AND PLACEMENT (SEE NOTE 3)	TOPSOIL PLACEMENT, 6" (NOT A PAY ITEM) (SEE NOTE 4)	CHANNEL EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL COLUMN D - E =	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) COLUMN B - C =
		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
STATION TO STATION									
JOHNSON ROAD									
7+40.00	7+50.00	12.7	10.8	7.3	14.3	6.5	0.0	7.7	+3.5
7+50.00	8+00.00	92.9	79.0	35.9	61.2	27.1	0.0	34.1	+43.0
8+00.00	8+50.00	116.6	99.1	41.9	78.8	29.4	0.0	49.4	+57.2
8+50.00	9+00.00	89.6	76.1	80.5	116.0	42.0	0.0	73.9	-4.4
9+00.00	9+50.00	115.9	98.5	65.9	93.8	37.3	0.0	56.5	+32.6
9+50.00	10+00.00	129.3	109.9	51.9	103.7	43.5	0.0	60.1	+58.1
10+00.00	10+50.00	132.9	112.9	54.2	142.3	58.2	0.0	84.0	+58.8
10+50.00	11+00.00	168.9	143.6	35.8	141.9	59.0	0.0	82.9	+107.7
11+00.00	11+50.00	123.8	105.3	100.6	147.7	62.0	0.0	85.6	+4.6
11+50.00	12+00.00	81.4	69.2	169.8	149.2	61.7	0.0	87.5	-100.5
12+00.00	12+50.00	60.0	51.0	245.4	146.1	57.9	0.0	88.2	-194.4
12+50.00	13+00.00	58.2	49.5	364.1	150.0	50.6	0.0	99.4	-314.7
13+00.00	13+40.00	82.2	69.9	231.5	115.3	20.5	0.0	94.8	-161.6
13+40.00	13+49.82	38.2	32.5	19.3	25.5	0.9	0.0	24.6	+13.2
13+49.82	13+59.60	0.0	0.0	3.6	0.0	0.9	116.5	-0.9	-3.6
13+59.60	14+00.00	0.0	0.0	1.2	0.0	3.8	662.5	-3.8	-1.2
14+00.00	14+50.00	0.0	0.0	2.9	0.0	19.0	887.5	-19.0	-2.9
14+50.00	14+70.00	0.0	0.0	1.4	0.0	11.7	261.7	-11.7	-1.4
OMMISION - SEE NIPPERSINK CREEK CROSS SECTIONS. ALSO SEE STRUCTURAL PLANS FOR STRUCTURAL EXCAVATION QUANTITIES									
15+34.00	15+39.69	0.0	0.0	2.6	0.0	1.3	63.8	-1.3	-2.6
15+39.69	15+52.85	0.0	0.0	20.7	0.0	2.6	162.8	-2.6	-20.7
15+52.85	15+65.00	73.2	62.2	42.2	41.6	3.2	0.0	38.4	+20.0
15+65.00	16+00.00	155.8	132.4	138.8	119.3	12.9	0.0	106.4	-6.4
16+00.00	16+25.00	132.1	112.2	83.7	93.6	10.4	0.0	83.2	+28.6
16+25.00	16+50.00	134.0	113.9	77.7	91.5	18.8	0.0	72.6	+36.2
16+50.00	17+00.00	161.5	137.3	102.0	153.2	55.3	0.0	97.9	+35.3
17+00.00	17+50.00	201.0	170.8	32.7	136.0	58.2	0.0	77.8	+138.1
17+50.00	17+80.00	143.4	121.9	23.4	86.4	30.9	0.0	55.5	+98.5
17+80.00	18+00.00	58.5	49.7	18.4	60.5	19.0	0.0	41.5	+31.2
18+00.00	18+50.00	151.6	128.9	23.8	128.9	49.4	0.0	79.5	+105.1
18+50.00	19+00.00	132.4	112.5	25.0	101.9	43.1	0.0	58.8	+87.5
19+00.00	19+50.00	99.2	84.3	23.2	91.6	36.4	0.0	55.2	+61.1
19+50.00	20+00.00	73.3	62.3	20.9	69.3	27.2	0.0	42.1	+41.4
20+00.00	20+15.00	18.9	16.1	5.3	13.9	5.7	0.0	8.2	+10.8
NIPPERSINK CREEK									
00+11.37	00+20.00	0.0	0.0	0.0	0.0	3.3	3.6	-3.3	0.0
00+20.00	00+40.00	0.0	0.0	0.0	0.0	11.2	30.2	-11.2	0.0
00+40.00	00+60.00	0.0	0.0	0.0	0.0	4.6	48.7	-4.6	0.0
00+60.00	00+80.00	0.0	0.0	0.0	0.0	0.0	55.3	0.0	0.0
00+80.00	01+00.00	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0
01+00.00	01+21.93	0.0	0.0	0.0	0.0	1.6	19.0	-1.6	0.0
TOTAL (ROUNDED)		2,838	2,412	2,154	2,673	987	2,356	1,686	+258

NOTES:

1. ESTIMATED SHRINKAGE FACTOR = 15%
2. OMMISSION IS FROM STATION 14+70 TO STATION 15+34. SEE NIPPERSINK CREEK CROSS SECTIONS FOR OMITTED EARTHWORK
3. TOPSOIL EXCAVATION AND PLACEMENT IS ASSUMED TO BE 12" FROM TOP OF EXISTING GROUND
SHOWN AS 12" TOPSOIL STRIPPING (SQ FT) ON CROSS SECTIONS. ALSO SEE PROPOSED TYPICAL SECTIONS.
4. TOPSOIL PLACEMENT, 6" SHOWN IN CU YD IS BASED ON CROSS SECTIONS FOR EARTHWORK INFORMATION ONLY.
THIS WORK IS INCLUDED IN THE COST FOR ITEM 21101505 TOPSOIL EXCAVATION AND PLACEMENT.
ACTUAL TOPSOIL PLACEMENT, 6" IS BASED ON THE ACTUAL PROPOSED SURFACE AREA (6,225 SQ YD = 1038 CU YD) OF IMPROVMENTS.
SEE PERMANENT EROSION CONTROL AND LANDSCAPING PLANS.



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK SCHEDULE OF QUANTITIES			
SCALE: N.T.S.	SHEET 1	OF 3 SHEETS	STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	13
				CONTRACT NO. 61L85
		ILLINOIS	FED. AID PROJECT	

MODEL: SHOMDLNAMES
FILE: \\miller-prod\ascom\paw.bentley.com\AECOM_USA_Illinois\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\010_CAD\03_SHEETS\c61013-015_60737993_SHT_SCH.dgn

REMOVAL PLAN	CODE NO.							
	44000100	44000200	50105220	63200310	78300202	X0327301	X5220101	X6640104
	PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	PIPE CULVERT REMOVAL	GUARDRAIL REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING	RELOCATE EXISTING MAILBOX	RETAINING WALL REMOVAL	FENCE REMOVAL
SHEET	SQ YD	SQ YD	FOOT	FOOT	SQ FT	EACH	SQ FT	FOOT
1	1087	45	128	0	0	3	0	52
2	931	66	82	322	0	0	40	98
3	678	0	35	0	29	1	0	0
TOTAL	2696	111	245	322	29	4	40	150

TEMP EROSION AND SEDIMENT CONTROL PLAN	CODE NO.						
	28000250	28000305	28000400	28001105	28200200	Z0013797	X2511630
	TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET	FILTER FABRIC	STABILIZED CONSTRUCTION ENTRANCE	EROSION CONTROL BLANKET (SPECIAL)
SHEET	POUND	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD
1	50	63	1774	2411	66	122	0
2	96	119	2852	2947	137	0	1668
3	27	45	1096	1326	51	122	0
TOTAL	173	227	5722	6684	254	244	1668

PAVEMENT MARKING	CODE NO.							
	72501000	78004620	78004630	78011025	78011035	78200005	78200010	X0327301
	TERMINAL MARKER - DIRECT APPLIED	PREFORMED PLASTIC PAVEMENT MARKING TYPE D - STANDARD - LINE - 4"	PREFORMED PLASTIC PAVEMENT MARKING TYPE D - STANDARD - LINE - 6"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 7"	GUARDRAIL REFLECTORS, TYPE A	BARRIER WALL, REFLECTORS, TYPE B	RELOCATE EXISTING MAILBOX
SHEET	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
1	1	820	820	820	820	1	0	3
2	3	1200	1200	594	594	7	6	0
3	0	530	531	530	531	0	0	1
TOTAL	4	2550	2551	1944	1945	8	6	4

PROPOSED ROADWAY PLAN	CODE NO																		
	2100100	30300112	35101800	35102000	40600275	40600290	40600370	40604060	40701881	42000060	42000080	42001300	48203005	48203037	63000003	63100085	63100167	66600105	X2011000
	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE BASE COURSE, TYPE B 6"	AGGREGATE BASE COURSE, TYPE B 8"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	LONGITUNAL JOINT SEALANT	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	WELDED WIRE REINFORCEMENT	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	PROTECTIVE COAT	HOT-MIX ASPHALT SHOULDERS, 2"	HOT-MIX ASPHALT SHOULDERS, 10"	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	TEMPORARY FENCE (SPECIAL)
SHEET	SQ YD	SQ YD	SQ YD	SQ YD	POUND	POUND	FOOT	TON	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	EACH	EACH	EACH	FOOT
1	1656	1565	197	301	4319	639	2462	65	1002	0	0	0	52	419	206.25	0	1	8	0
2	1475	1477	176	235	3289	474	1776	30	724	125	125	125	234	329	50	4	3	3	32
3	1031	972	0	90	2255	411	1590	10	648	0	0	0	0	265	0	0	0	6	0
TOTAL	4162	4014	373	626	9863	1524	5828	105	2374	125	125	125	286	1013	256.25	4	4	17	32

DRAINAGE	CODE NO.					
	542D0220	54260715	60100060	60108100	60108204	X0322278
	PIPE CULVERTS, CLASS D, TYPE 1 15"	SLOPED METAL END SECTION WITH GRATE, STANDARD 542411, 15", 1:6	CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS 4" (SPECIAL)	PIPE UNDERDRAINS, TYPE 2, 4"	RODENT SHIELDS
SHEET	FOOT	EACH	EACH	FOOT	FOOT	EACH
1	221	9	4	36	766	5
2	118	5	3	22.5	684	3
3	53	2	2	11.5	530	2
TOTAL	392	16	9	70	1980	10

ALSO SEE PR DRAINAGE PLAN & PROFILE SHEET 3 OF 3
PIPE UNDERDRAIN OUTLET SCHEDULE
FOR ADDITIONAL DETAILS

	CODE NO.												
PERMANENT EROSION CONTROL AND LANDSCAPING PLAN	-	25000210	25000310	25000314	25000320	25000400	25000600	25100645	28100105	28100107	28200200	28500400	
	TOPSOIL PLACEMENT, 6" (NOT A PAY ITEM) (INCLUDE IN THE COST FOR TOPSOIL EXC & PLAC)	SEEDING, CLASS 2A	SEEDING, CLASS 4	SEEDING, CLASS 4B	SEEDING, CLASS 5	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4	FILTER FABRIC	ARTICULATED BLOCK REVTMENT MAT	
	SHEET	SQ YD	ACRE	ACRE	ACRE	ACRE	POUND	POUND	SQ YD	TON	SQ YD	SQ YD	SQ YD
	1	2323	0.45	0.03	0.00	0.03	43	43	2323	87	0	87	0
	2	2576	0.36	0.06	0.11	0.06	48	48	2576	141	1793	1934	155
	3	1326	0.23	0.04	0.00	0.04	25	25	1326	0	0	0	0
	TOTAL	6225	1.25	0.25	0.25	0.25	116	116	6225	228	1793*	2021*	155*

ROUNDED UP TO NEAREST 0.25

* = ALSO SEE STRUCTURAL PLANS AND BILL OF MATERIALS



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SCHEDULE OF QUANTITIES

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

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	14
				CONTRACT NO. 61L85
		ILLINOIS	FED. AID PROJECT	

MODEL: \$MODELNAME\$
FILE: \\miller\pwwork\benbenley.com\AECOM_USA_Illinois\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\010_CAD\03_SHEETS\cfd\013-0115_60737993_SHT_SCH.dgn

CODE NO. 20100110			
TREE REMOVAL (6 TO 15 UNITS DIAMETER)			
STATION JOHNSON RD	LOCATION		QUANTITY
			(UNIT)
07+52.56	43.66	RT	13
07+84.09	21.65	RT	12
07+95.38	22.95	RT	14
07+96.85	24.00	RT	14
08+05.88	40.48	RT	6
08+62.62	50.75	RT	10
09+35.67	21.35	RT	8
15+32.86	62.29	LT	11
15+53.11	56.07	LT	10
15+53.46	57.70	LT	8.5
15+68.54	42.98	RT	8.5
15+76.18	37.17	RT	12
15+76.18	37.17	RT	11
15+76.18	37.17	RT	10
15+91.13	50.36	RT	14
15+91.13	50.36	LT	9
15+76.35	63.93	LT	11
15+76.35	63.93	RT	10
15+76.35	63.93	LT	12
15+94.50	55.25	RT	8
15+94.50	55.25	RT	13
15+94.50	55.25	RT	11
15+94.50	55.25	LT	10.5
15+97.50	56.15	LT	13.5
16+02.55	30.49	LT	10
16+02.55	30.49	LT	13
16+24.55	63.59	LT	13
16+25.65	42.73	RT	11
16+28.61	25.00	LT	6.5
16+34.03	56.80	RT	8.5
16+40.15	51.68	RT	12
16+40.15	51.68	RT	9
16+52.46	40.32	RT	13
16+68.42	31.58	LT	11
16+69.51	28.04	LT	12
16+74.13	31.16	LT	9.5
16+75.18	26.14	LT	8.5
16+78.03	25.77	LT	13
16+81.45	32.43	LT	12
16+81.44	25.46	LT	10
16+85.27	43.85	RT	9
17+01.33	44.16	RT	12.5
17+35.95	45.83	LT	14
17+46.11	54.27	LT	12
17+49.84	56.09	LT	11
17+63.21	42.90	RT	9
17+77.29	57.16	RT	6.5
17+80.47	58.13	RT	10
17+81.73	59.99	RT	15
17+89.98	39.50	RT	15
17+89.98	39.50	RT	11
17+89.98	39.50	RT	11
TOTAL			568

CODE NO. 20100210			
TREE REMOVAL (OVER 15 UNITS DIAMETER)			
STATION JOHNSON RD	LOCATION		QUANTITY
			(UNIT)
07+85.57	22.89	RT	17
08+73.32	48.95	RT	19
09+31.50	25.37	RT	16
09+87.37	26.56	RT	24
15+38.28	58.30	LT	18
16+30.98	56.89	RT	21
16+44.69	47.25	RT	18
16+57.55	42.57	LT	16
16+92.56	29.98	LT	21
17+32.40	36.79	LT	16
17+42.91	39.50	LT	19
17+66.79	42.56	LT	19
17+66.79	42.56	LT	19.5
17+89.98	39.50	RT	17
17+89.98	39.50	RT	16
18+29.66	51.39	RT	22
18+29.66	51.39	RT	18
TOTAL			316.5



USER NAME = ken,moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SCHEDULE OF QUANTITES

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

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	15
CONTRACT NO. 61L85				
		ILLINOIS	FED. AID PROJECT	

EXIST. CURVE E_JOHNSON1
PI STA. = 13+16.84
 $\Delta = 0^\circ 58' 24"$ (RT)
D = $0^\circ 34' 23"$
R = 10,000.00'
T = 84.95'
L = 169.89'
E = 0.36'
e = N.A.
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 12+31.90
P.T. STA. = 14+01.79

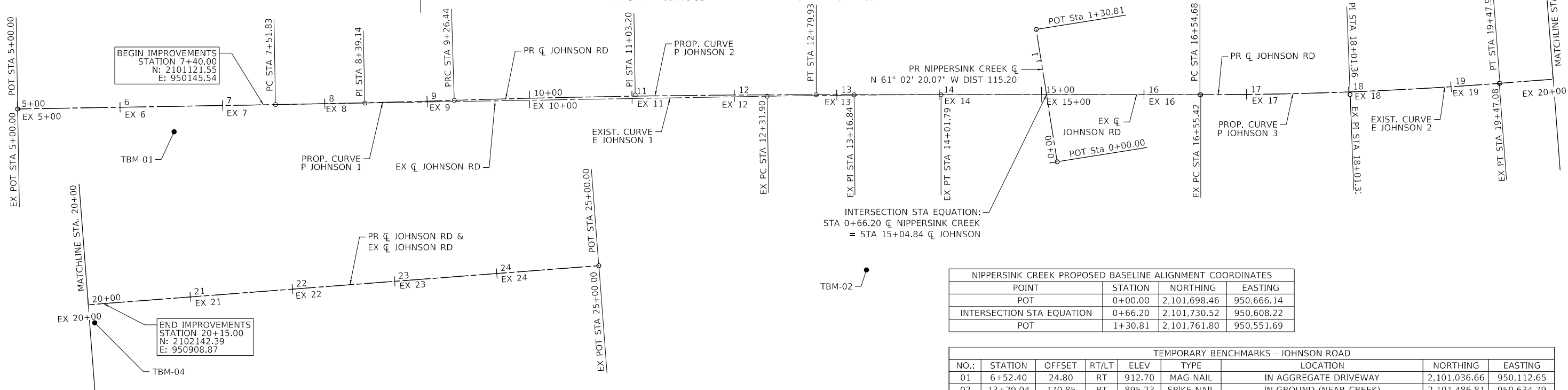
EXIST. CURVE E_JOHNSON2
PI STA. = 18+01.32
 Δ = 4° 22' 30" (LT)
D = 1° 30' 00"
R = 3,819.72'
T = 145.90'
L = 291.67'
E = 2.79'
e = N.A.
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 16+55.42
P.T. STA. = 19+47.08

PROP. CURVE P_JOHNSON 1
PI STA. = 8+39.14
 $\Delta = 0^\circ 47' 16''$ (LT)
D = $0^\circ 27' 04''$
R = 12,700.00'
T = 87.31'
L = 174.61'
E = 0.30'
e = N.C.=2.0%
T.R. = N.A.
S.E. RUN = N.A.
P.C. STA. = 7+51.83
P.R.C. STA. = 9+26.44

PROP. CURVE P_JOHNSON2
PI STA. = 11+03.20
 Δ = 1° 45' 40" (RT)
D = 0° 29' 54"
R = 11,500.00'
T = 176.76'
L = 353.48'
E = 1.36'
e = N.C.=2.0%
T.R. = N.A.
S.E. RUN = N.A.
P.R.C. STA. = 9+26.44
P.T. STA. = 12+79.93

PROP. CURVE P_JOHNSON3
PI STA. = 18+01.36
 Δ = 4° 22' 30" (LT)
D = 1° 29' 31"
R = 3,840.00'
T = 146.68'
L = 293.21'
E = 2.80'
e = 3.5%
T.R. = 47'
S.E. RUN = 82'
P.C. STA. = 16+54.68
P.T. STA. = 19+47.90

PR JOHNSON ROAD PROPOSED ALIGNMENT COORDINATES				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT		5+00.00	2,100,929.85	950,001.15
PC	CURVE P. JOHNSON 1	7+51.83	2,101,131.00	950,152.66
PI		8+39.14	2,101,200.74	950,205.19
PRC		9+26.44	2,101,271.19	950,256.75
PT				
PC	CURVE P. JOHNSON 2	11+03.20	2,101,413.83	950,361.14
PT		12+79.93	2,101,553.19	950,469.87
PC	CURVE P. JOHNSON 3	16+54.68	2,101,848.65	950,700.39
PI		18+01.36	2,101,964.30	950,790.62
PT		19+47.90	2,102,086.49	950,871.76
POT		25+00.00	2,102,546.42	951,177.18



NIPPERSINK CREEK PROPOSED BASELINE ALIGNMENT COORDINATES			
POINT	STATION	NORTHING	EASTING
POT	0+00.00	2,101,698.46	950,666.14
INTERSECTION STA EQUATION	0+66.20	2,101,730.52	950,608.22
POT	1+30.81	2,101,761.80	950,551.69

TEMPORARY BENCHMARKS - JOHNSON ROAD								
NO.:	STATION	OFFSET	RT/LT	ELEV	TYPE	LOCATION	NORTHING	EASTING
01	6+52.40	24.80	RT	912.70	MAG NAIL	IN AGGREGATE DRIVEWAY	2,101,036.66	950,112.65
02	13+29.04	170.85	RT	895.23	SPIKE NAIL	IN GROUND (NEAR CREEK)	2,101,486.81	950,634.79
03	15+17.80	135.95	LT	897.12	REBAR	IN GROUND (NEAR CREEK)	2,101,824.35	950,509.01
04	20+04.95	17.97	RT	910.96	REBAR	IN GROUND (OFF SHOULDER)	2,102,124.08	950,918.29
05	6+92.77	326.34	LT	918.04	SPIKE NAIL	IN GROUND (OPEN FIELD)	2,101,280.16	949,856.46
06	14+07.94	278.29	LT	897.56	SPIKE NAIL	IN GROUND (OPEN FIELD)	2,101,825.29	950,329.20
07	17+52.26	327.74	RT	909.04	SPIKE NAIL	IN GROUND (NEAR SOUTH BACK BUILDING)	2,101,731.38	951,022.87
08	22+27.88	340.38	LT	910.77	SPIKE NAIL	IN GROUND (OPEN FIELD)	2,102,508.03	950,743.08

CP-01 TYPE: SPIKE NAIL SET IN GROUND N: 2101143.17 E: 950134.35 ELEV: 908.03	CP-02 TYPE: SPIKE NAIL SET IN GROUND N: 2101201.79 E: 950177.67 ELEV: 905.80
---	---

UTILITY POLE

21.18'

72.88'

PE - HMA

MAILBOX

CP-02

148.39'

155.35'

UTILITY POLE

TELEPHONE BOX

MAILBOX

10+00

JOHNSON RD

CP-01

TRAFFIC SIGN

PR $\angle$ JOHNSON RD

FE - AGG

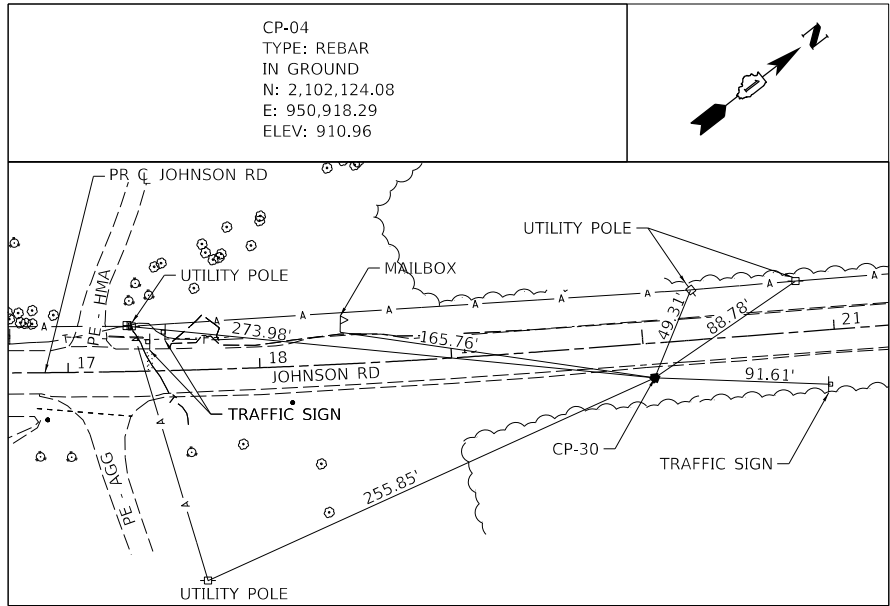
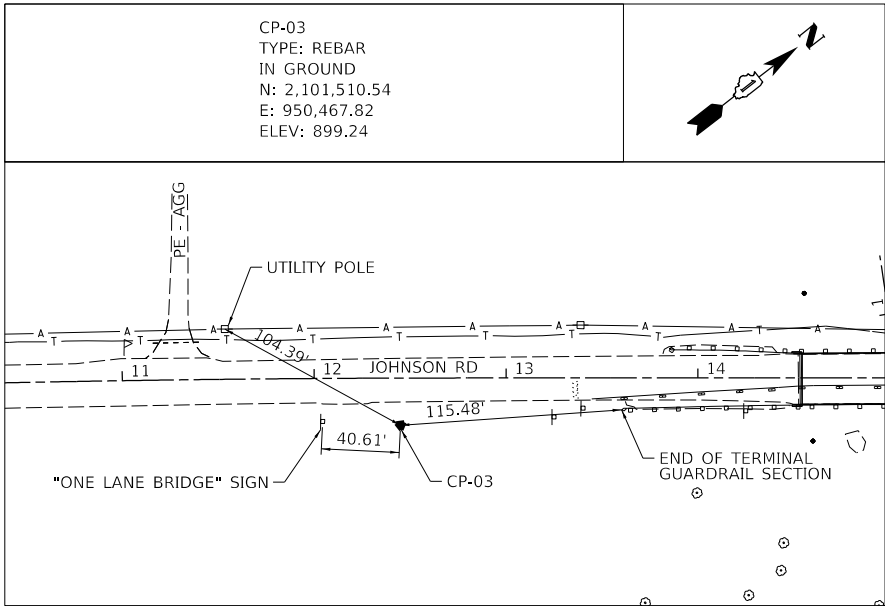
FE - AGG

TELEPHONE BOX

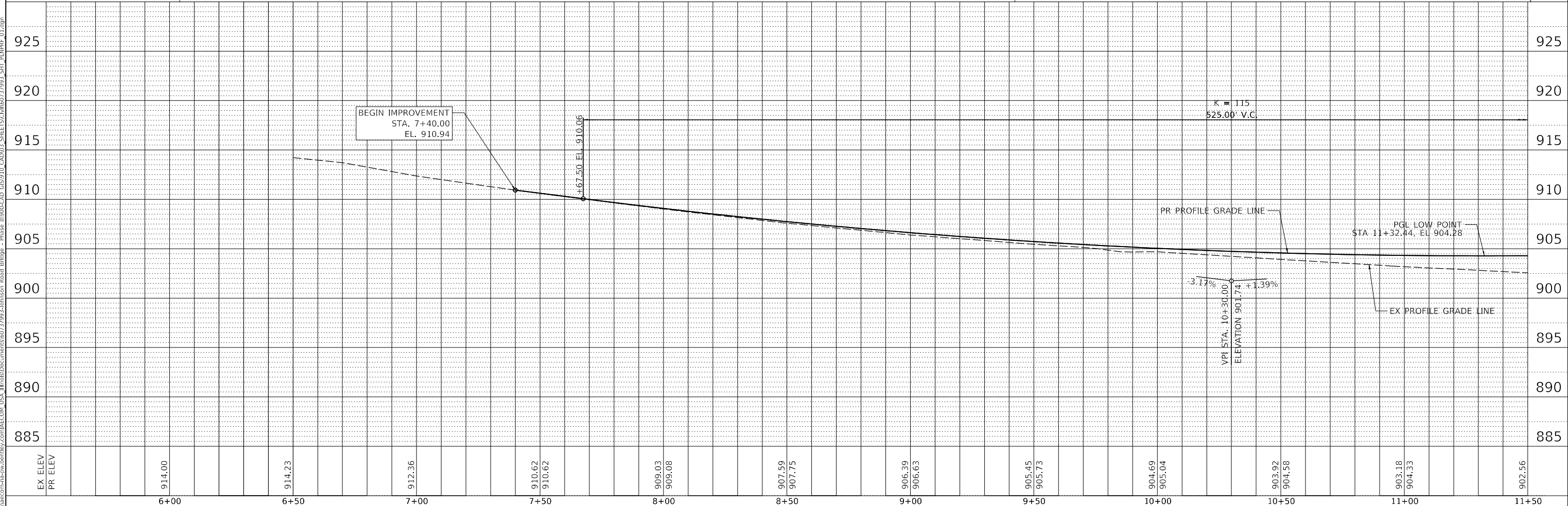
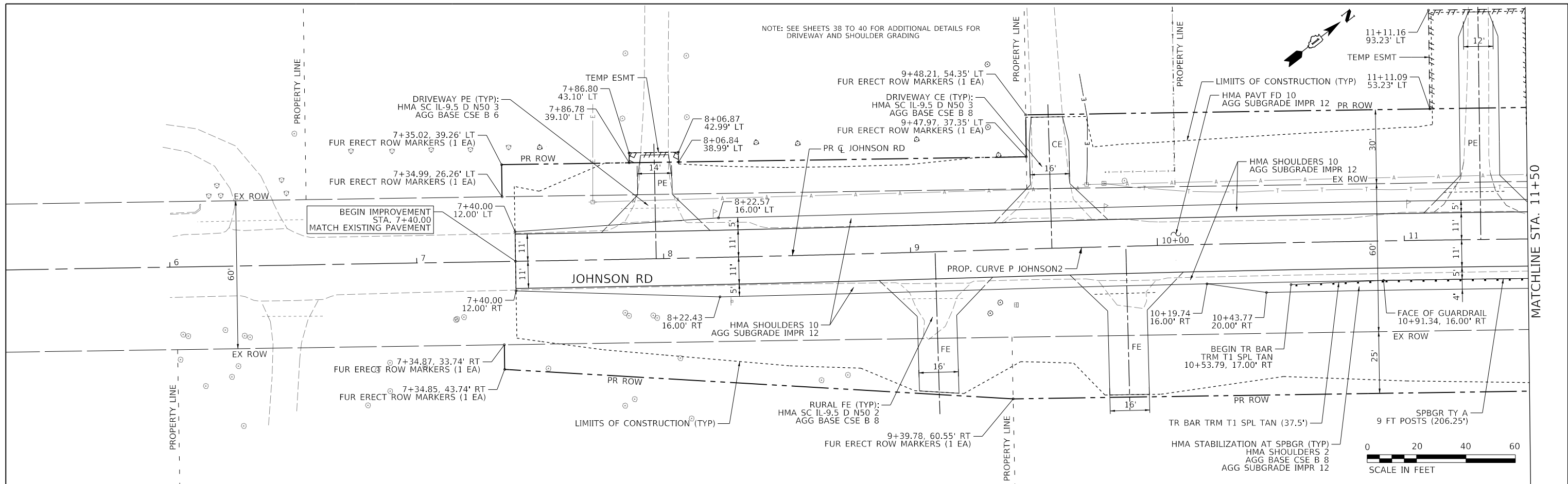
6.94'

86.43'

127.11'

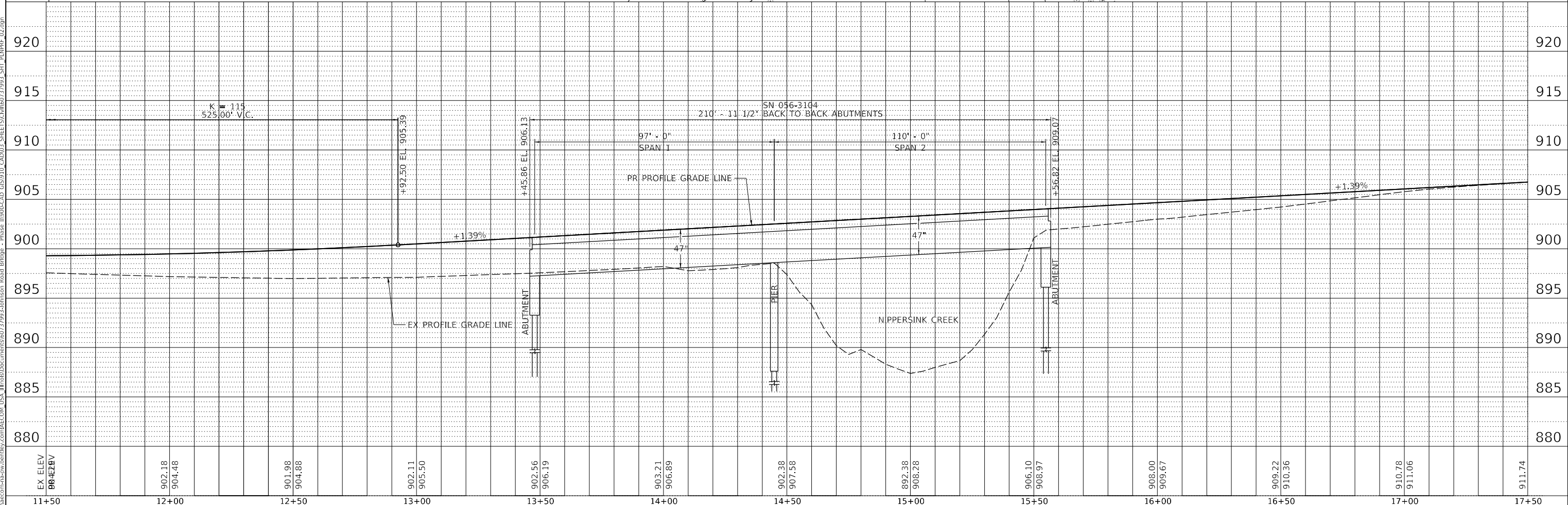
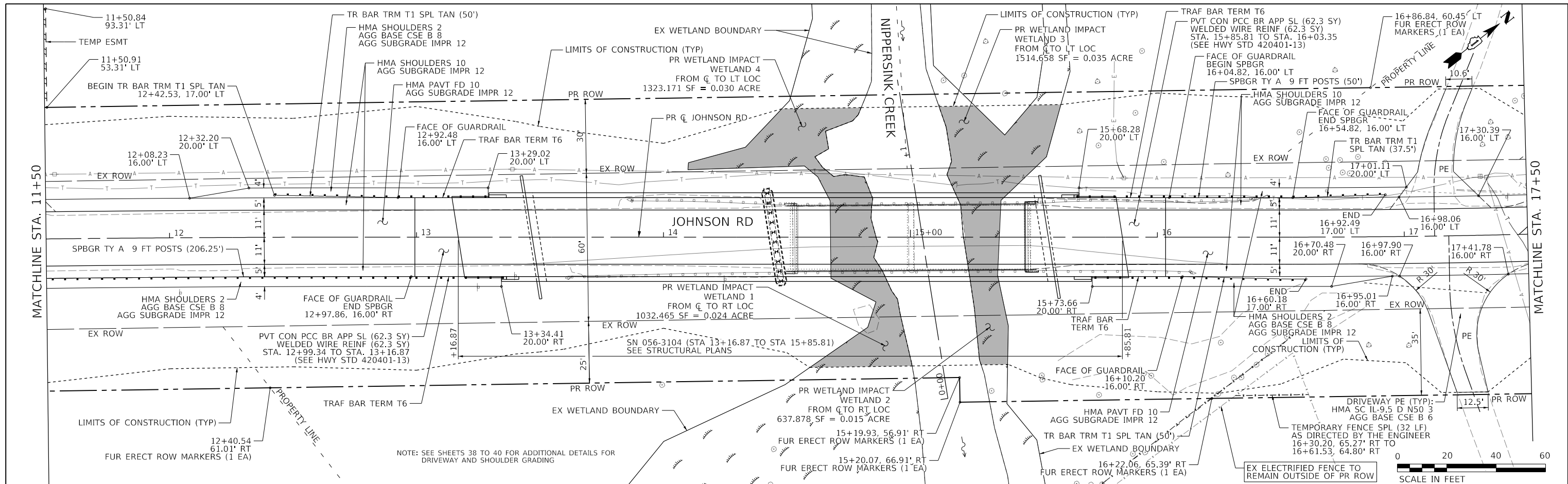


PROFILE			BY	DATE
	SURVEYED			
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
NO. _____	B.M. NOTED			
	STRUCTURE NOTATIONS CHECKED			



 MODEL: SH002 FILE NAME: DWG ONP PRESIDENTIAL PLAZA 130 E. RANDOLPH ST. SUITE 2400 CHICAGO, IL 60601 PHONE: (312) 373-7700	USER NAME = ken,may DESIGNED - KLM REVISED -	DRAWN - KLM REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK PROPOSED PLAN AND PROFILE				C.H. RTE. 0027	SECTION 18-00488-00-BR	COUNTY MCHENRY	TOTAL SHEETS 117	SHEET NO. 20
	PLOT SCALE = 40,0000' / In. CHECKED - ATB REVISED -	DATE - 6/08/2026 REVISED -									CONTRACT NO. 61L85				
	PLOT DATE = 7/6/2026 DATE - 6/08/2026 REVISED -	SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 7+40 TO STA. 11+50													
							ILLINOIS FED. AID PROJECT								

PROFILE			BY	DATE
	SURVEYED			
	PLOTTED			
NOTE BOOK	GRADES CHECKED			
NO. _____	B.M. NOTED			
	STRUCTURE NOTATIONS CHECKED			



MODEL: \$MODELNAME\$
FILE NAME: pw:\aecom-r



USER NAME = ken,moy	DESIGNED - KLM
	DRAWN - KLM
PLOT SCALE = 40,0000 ' / In.	CHECKED - ATB
PLOT DATE = 6/2/2026	DATE - 6/08/2026

DESIGNED - KLM	REVISED -
DRAWN - KLM	REVISED -
CHECKED - ATB	REVISED -
DATE - 6/08/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK PROPOSED PLAN AND PROFILE

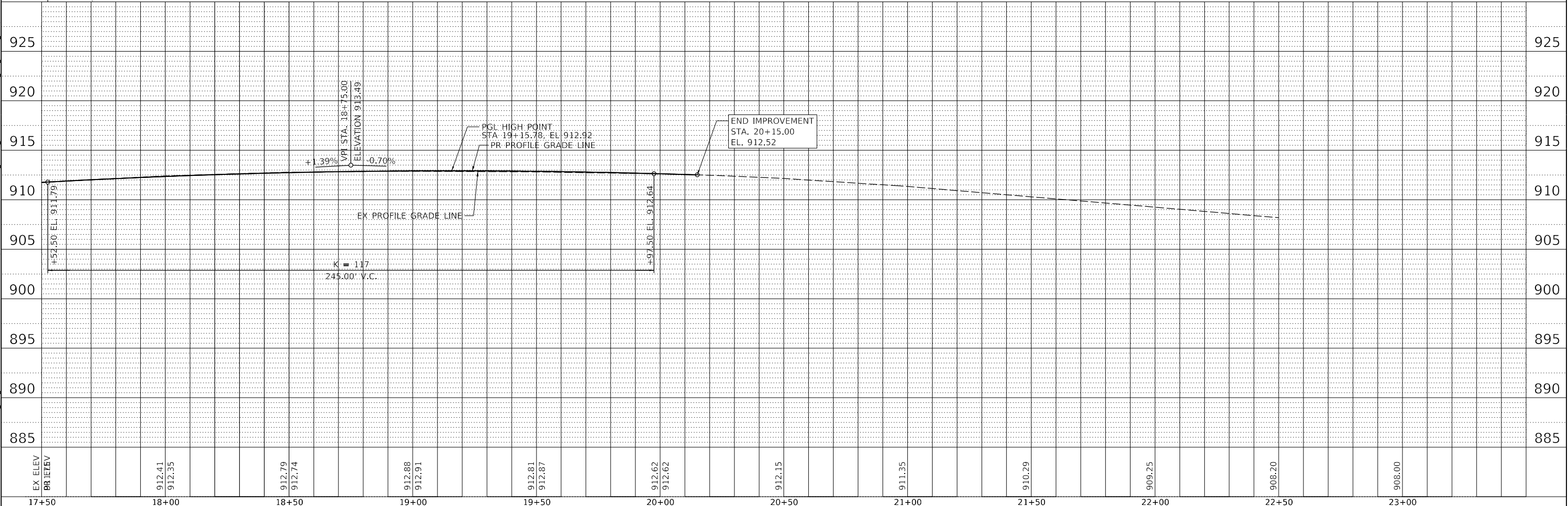
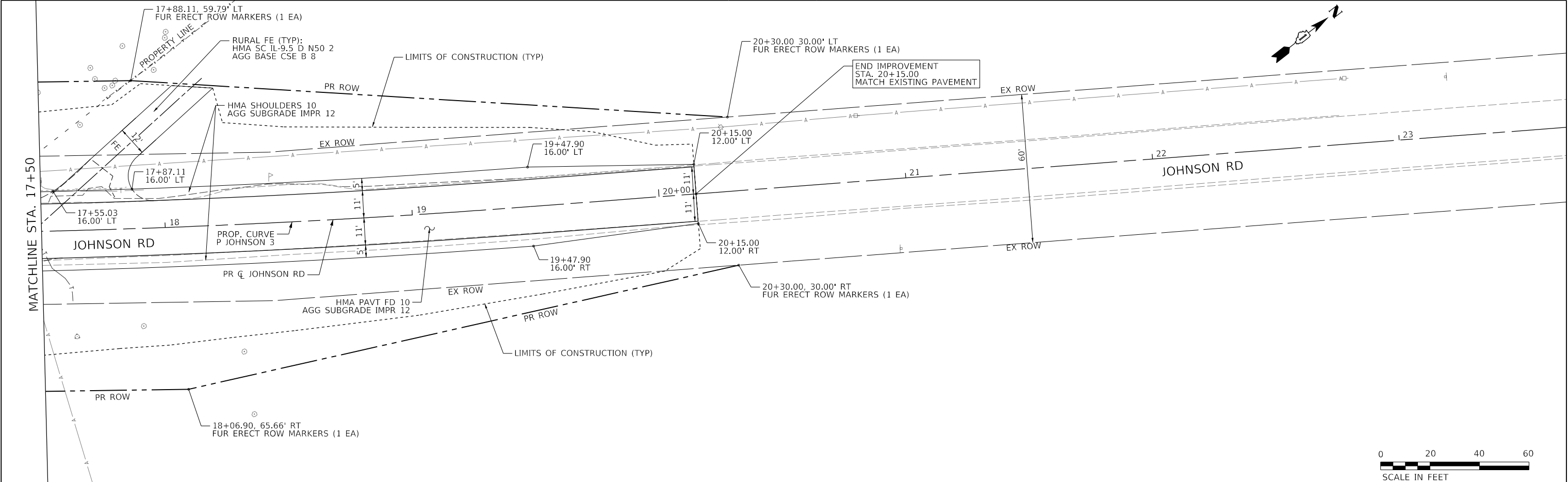
SCALE: 1" = 20'	SHEET 2 OF 3 SHEETS	STA. 11+50 TO STA. 17+50
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C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	21
		CONTRACT NO. 61L85		
ILLINOIS		FED. AID PROJECT		

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

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

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USER NAME = ken,moy	DESIGNED - KLM	REVISED -
PLOT SCALE = 40,0000 ' / In.	DRAWN - KLM	REVISED -
PLOT DATE = 6/2/2026	CHECKED - ATB	REVISED -
	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
PROPOSED PLAN AND PROFILE

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 17+50 TO STA. 20+15

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	22
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. THE TRAFFIC CONTROL SHOWN ON THE DETOUR PLAN IS THE MINIMUM NECESSARY TO ENSURE THIS CLOSURE. THE CONTRACTOR SHALL MAKE ALL CHANGES IN TRAFFIC CONTROL THAT ARE DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH MCHENRY COUNTY DIVISION OF TRANSPORTATION (MCDOT), HEBRON TOWNSHIP AND ROAD DISTRICT, AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT 1 AT LEAST TWO (2) WEEKS IN ADVANCE OF THE INSTALLATION OF THE PROPOSED DETOUR AND SHALL ALSO BE RESPONSIBLE FOR ALL SIGNAGE AND CHANGEABLE MESSAGES SIGNS REGARDING JOHNSON ROAD CLOSURE. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED PRIOR TO CONSTRUCTION AT THE LOCATIONS DETERMINED BY THE ENGINEER AND PAID FOR AS "CHANGEABLE MESSAGE SIGN" (CAL DA.)
3. ALL DETOUR SIGNS SHALL BE POST-MOUNTED PER APPLICABLE SIGN MOUNTING STANDARDS. DETOUR AND OTHER CONSTRUCTION SIGNS SHALL NOT BE ATTACHED TO LIGHT POLES, UTILITY POLES OR OTHER APPURTENANCES.
4. DETOUR SIGN SPACING SHALL BE IN ACCORDING TO DISTRICT ONE STANDARD DETAIL TC-21 AND AS SHOWN ON THE DETOUR PLAN. DETOUR SIGN SPACING IN A RESIDENTIAL AREA SHOULD BE MODIFIED SO THAT THE SIGN FALLS BETWEEN HOUSES AT THE NEAREST LOT LINE WHEN POSSIBLE. THE ENGINEER MAY REQUIRE THAT THE SIGN BE RELOCATED IF IT IS INSTALLED IN FRONT OF RESIDENCE. DETOUR SIGNS ARE TO BE INSTALLED RESPECTING THE LOCATION AND VISIBILITY OF THE EXISTING SIGNS. DETOUR SIGN OFFSETS SHALL BE ACCORDING TO MUTCD FIGURE 6F-1. LOCATION OF DETOUR SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER..
5. SIGN LOCATIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS WITH THE PRIOR APPROVAL OF THE ENGINEER.
6. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE NEW CONDITIONS.
7. ALL SIGN COLORS SHALL BE ACCORDING TO THE DECEMBER 2023, 11TH EDITION OF THE MUTCD.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL DETOUR SIGNING AND APPURTENANCES ARE OPERATIONAL 24 HOURS A DAY, 7 DAYS A WEEK WHILE THE DETOUR IS IN EFFECT. THIS INCLUDES
9. MAINTAINING THE VISIBILITY OF ALL CONSTRUCTION AND DETOUR SIGNING, INCLUDING CLEARING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
10. WHEN DETOUR SIGNS ARE TO BE PLACED, THE AREA NEEDS TO BE MARKED BY JULIE, FLAGS PLACED, ONCE THE DETOUR SIGN IS INSTALLED, ALL OF THE J.U.L.I.E MARKING FLAGS ARE REQUIRED TO BE REMOVED AND DISPOSED OF PROPERLY.
11. WHEN THE DETOUR ROUTE SIGNS ARE INSTALLED, CARE AND CONSIDERATION ARE TO BE GIVEN TO THE INSTALLATION (TEMPORARY SIGNPOST WINGS NEED TO BE INSTALLED SO AS TO BE BELOW GRADE), AND THE DETOUR SIGNS ARE TO BE INSTALLED RESPECTING THE LOCATION AND VISIBILITY OF THE EXISTING SIGNAGE SO AS NOT TO CAUSE TRAFFIC ISSUES.
12. TYPE 3 BARRICADE PLACEMENT SHALL FOLLOW HIGHWAY STANDARD 701901.

SEQUENCE OF CONSTRUCTION

1. COORDINATE UTILITY RELOCATES.
2. SET UP TEMPORARY INFORMATION SIGNING.
3. SET UP DETOUR AS DETAILED IN THE PLAN.
4. SET UP TEMPORARY EROSION CONTROL MEASURES.
5. REMOVE EXISTING PAVEMENT AND BRIDGE STRUCTURE.
6. CONSTRUCT THE PROPOSED BRIDGE.
7. CONSTRUCT EMBANKMENT, SUBGRADE AND AGGREGATE BASE COURSES.
8. CONSTRUCT SHOULDERS AND PAVEMENT (INCLUDING FINAL SURFACE).
9. PLACE GUARDRAILS AND TRAFFIC BARRIER TERMINALS.
10. PLACE PERMANENT PAVEMENT MARKINGS.**
11. PLACE PERMANENT RESTORATION.
12. FINALIZE PUNCH LIST AND SITE CLEANUP.

** IF CONTRACTOR ELECTS TO COMPLETE THE PERMANENT PAVEMENT MARKING OUTSIDE OF THE CLOSURE PERIOD, THEN THE CONTRACTOR SHALL PLACE THE APPROPRIATE TEMPORARY PAVEMENT MARKINGS. TEMPORARY PAVEMENT MARKINGS SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION. ALL TEMPORARY MARKINGS ON THE PERMANENT SURFACES SHALL BE TAPE. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

CONTACTS & COORDINATION

1. THE CONTRACTOR WILL BE REQUIREED TO COORDINATE MAINTENANCE OF TRAFFIC, OPERATIONS WITH ALL SCHOOL DISTRICTS, MUNICIPALITIES, TOWNSHIP, COUNTIES AND ENTITIES LISTED ON THE GENERAL NOTES PLAN SHEETS AT LEAST 48 HOURS PRIOR TO THE CLOSURE OF THE ROAD CONSTRUCTION.
2. THE CONTRACTOR SHALL CONTACT THE IDOT D1 TRAFFIC CONTROL SUPERVISOR, KALPANNA KANNAN-HOSADURGA, AT KALPANNA. KANNAN-HOSADURGA@ILLINOIS.GOV, A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINING WORK.
3. THE CONTRACTOR SHALL NOTIFY MCHENRY COUNTY DIVISION OF TRANSPORTATION (MCDOT) PRIOR TO THE DETOUR REMOVAL IN ORDER FOR MCDOT TO SCHEDULE THE SIGN REPLACEMENT.

LIMITATIONS OF CONSTRUCTION

THE CONTRACTOR SHALL COORDINATE THE ITEMS OF WORK IN ORDER TO KEEP HAZARDS AND TRAFFIC INCONVENIENCES TO A MINIMUM, AS SPECIFIED BELOW.

1. IF THE CONSTRUCTION OPERATIONS ARE COMPLETED OUTSIDE THE DURATION OF THE ROADWAY CLOSURE. THOSE CONSTRUCTION OPERATIONS WILL BE CONDUCTED SO ONE LANE WILL REMAIN OPEN AT ALL TIMES.
2. THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN ALL THE NECESSARY SIGNS, BARRICADES, CONES, DRUMS AND LIGHTS FOR THE WARNING AND PROTECTION OF TRAFFIC AS REQUIRED BY THE SECTION 1106 OF THE STANDARD SPECIFICATIONS OR AS MODIFIED BY THE ENGINEER.

KEEPING ROADS OPEN TO TRAFFIC

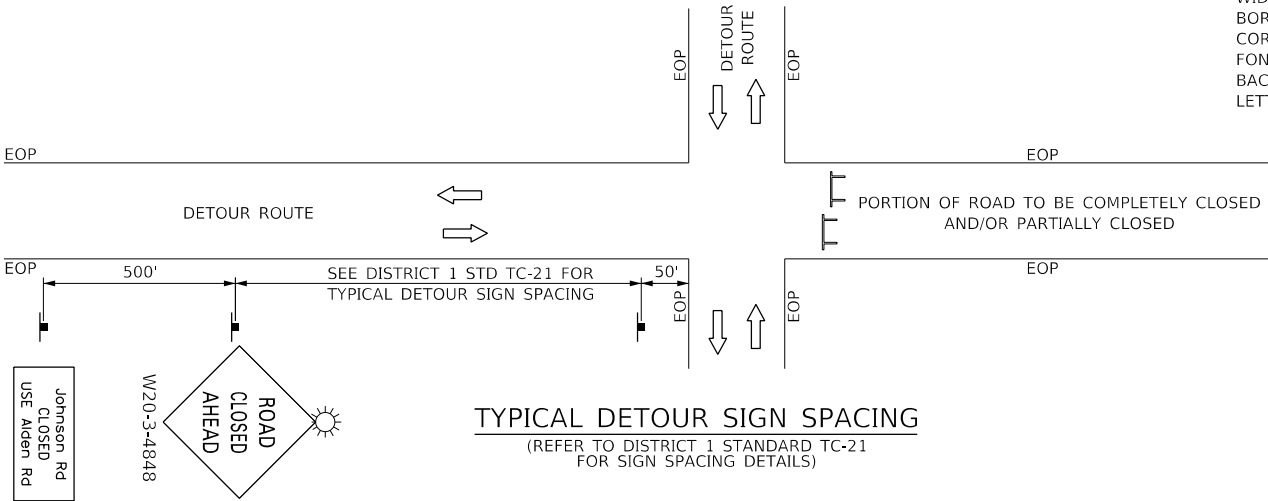
1. THE CONTRACTOR SHALL SCHEDULE THEIR SEQUENCE OF OPERATION TO PERMIT THE CONSTRUCTION OF THIS SECTION WITH THE LEAST INCONVENIENCE TO THE TRAVELING PUBLIC. THE CONTRACTOR'S SCHEDULE SHALL REFLECT THE FOLLOWING REQUIREMENTS AND SEQUENCE OF CONSTRUCTION. THESE REQUIREMENTS FOLLOW THE SUGGESTED TRAFFIC CONTROL PLAN INCLUDED IN THE DRAWINGS.
2. JOHNSON ROAD WILL BE COMPLETELY CLOSED TO TRAFFIC FOR THE DURATION SPECIFIED IN THE CONTRACT DOCUMENTS.
3. THE DRIVEWAYS WILL REMAIN OPEN / ACCESSIBLE AT ALL TIMES. ANY TEMPORARY MEASURES REQUIRED TO DO SO SHALL BE INCLUDED IN "TRAFFIC CONTROL PROTECTION, (SPECIAL)."
ALSO SEE DISTRICT 1 STANDARDS TC-10 AND TC-26.

TEMPORARY INFORMATION SIGN

1. THE CONTRACTOR SHALL ERECT A TEMPORARY INFORMATION SIGN PRIOR TO CONSTRUCTION AT THE NORTH & SOUTH ENDS OF THE PROJECT (3 TOTAL) ALONG JOHNSON RD AS DIRECTED BY THE ENGINEER TO INFORM THE PUBLIC OF THE CONSTRUCTION DURATION. SEE DETOUR PLAN FOR APPROXIMATE LOCATIONS.
2. THE CONTRACTOR WILL COORDINATE WITH THE ENGINEER ON THE EXACT PLACEMENT OF THE SIGN. THE SIGN SHALL BE IN PLACE FOR THE ENTIRE DURATION OF THE CONTRACT OR AS DIRECTED BY THE ENGINEER. THE SIGN SHALL BE UPDATED IF THE COMPLETION DATE CHANGES.
3. THE SIGNING, WHICH INCLUDES POST AND MOUNTING, WILL BE PAID AS TEMPORARY INFORMATION SIGNING PER SQ FT FOR EACH SIGN ERECTED.



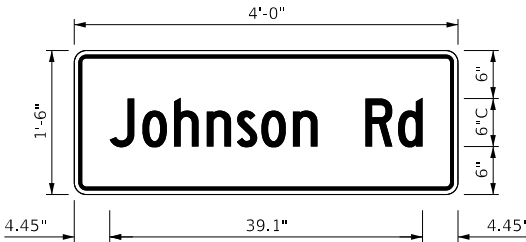
1. SIGN SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING. ONE SIGN ASSEMBLY EQUALS 27.3 SQ. FT.
2. OVERLAY PANELS SHALL BE "HIGHWAY C" FONT.
3. OVERLAY PANEL 1 TO CONTAIN STARTING DATE OF FULL CLOSURE AND DETOUR IMPLEMENTATION.
4. OVERLAY PANEL 2 TO CONTAIN ENDING MONTH OF FULL CLOSURE AND DETOUR. OMIT THE DATE ON PANEL: MONTH ONLY.
5. ERECT SIGN ASSEMBLY (POST-MOUNTED) WITH PANELS 1 AND 2 IN PLACE ON ROAD TO BE CLOSED IN EACH DIRECTION NEAR POINT OF CLOSURE OR WITHIN SECTION TO BE FULLY CLOSED TWO (2) WEEKS PRIOR TO START DATE OF FULL CLOSURE. REMOVE ASSEMBLY AFTER CLOSURE.



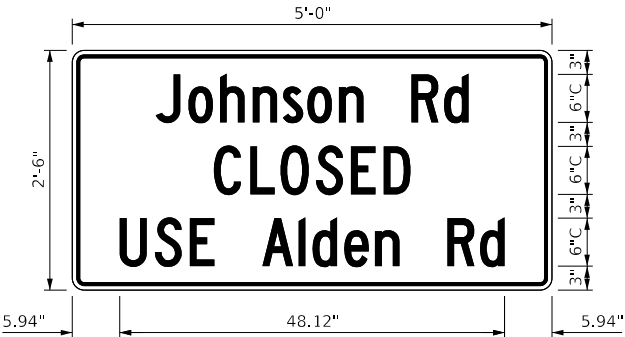
TRAFFIC CONTROL - IDOT STANDARD DRAWINGS

1. THE CONTRACTOR IS ENCOURAGED TO COMPLETE ALL WORK UNDER THE DETOUR CLOSURE. NO ADDITIONAL COMPENSATION FOR TRAFFIC CONTROL AND PROTECTION SHALL BE APPROVED IF THE CONTRACTOR IS NOT ABLE TO COMPLETE WORK WITHIN THE DETOUR TIME FRAME.
2. IN THE EVENT THE CONTRACTOR'S OPERATION REQUIRES WORK THAT WILL NOT BE COMPLETED UNDER THE DETOUR CLOSURE, THE CONTRACTOR WILL COMPLETE THE WORK UTILIZING THE APPLICABLE IDOT TRAFFIC CONTROL STANDARDS.
3. THE APPLICATION OF EACH STANDARD SHALL BE APPROVED BY THE ENGINEER. A LIST OF POTENTIAL STANDARD DRAWINGS HAS BEEN INCLUDED ON THE INDEX OF SHEETS AND GENERAL NOTES PLAN SHEET AS WELL AS IN THE SPECIAL PROVISION FOR "TRAFFIC CONTROL PLAN (D1)"

SIGN DESIGN



WIDTH X HEIGHT : 48" X 18"
BORDER WIDTH : 0.5"
CORNER RADIUS : 1"
FONT : SERIES C
BACKGROUND : ORANGE
LETTERS/BORDERS : BLACK



WIDTH X HEIGHT : 60" X 30"
BORDER WIDTH : 0.5"
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FONT : SERIES C
BACKGROUND : ORANGE
LETTERS/BORDERS : BLACK

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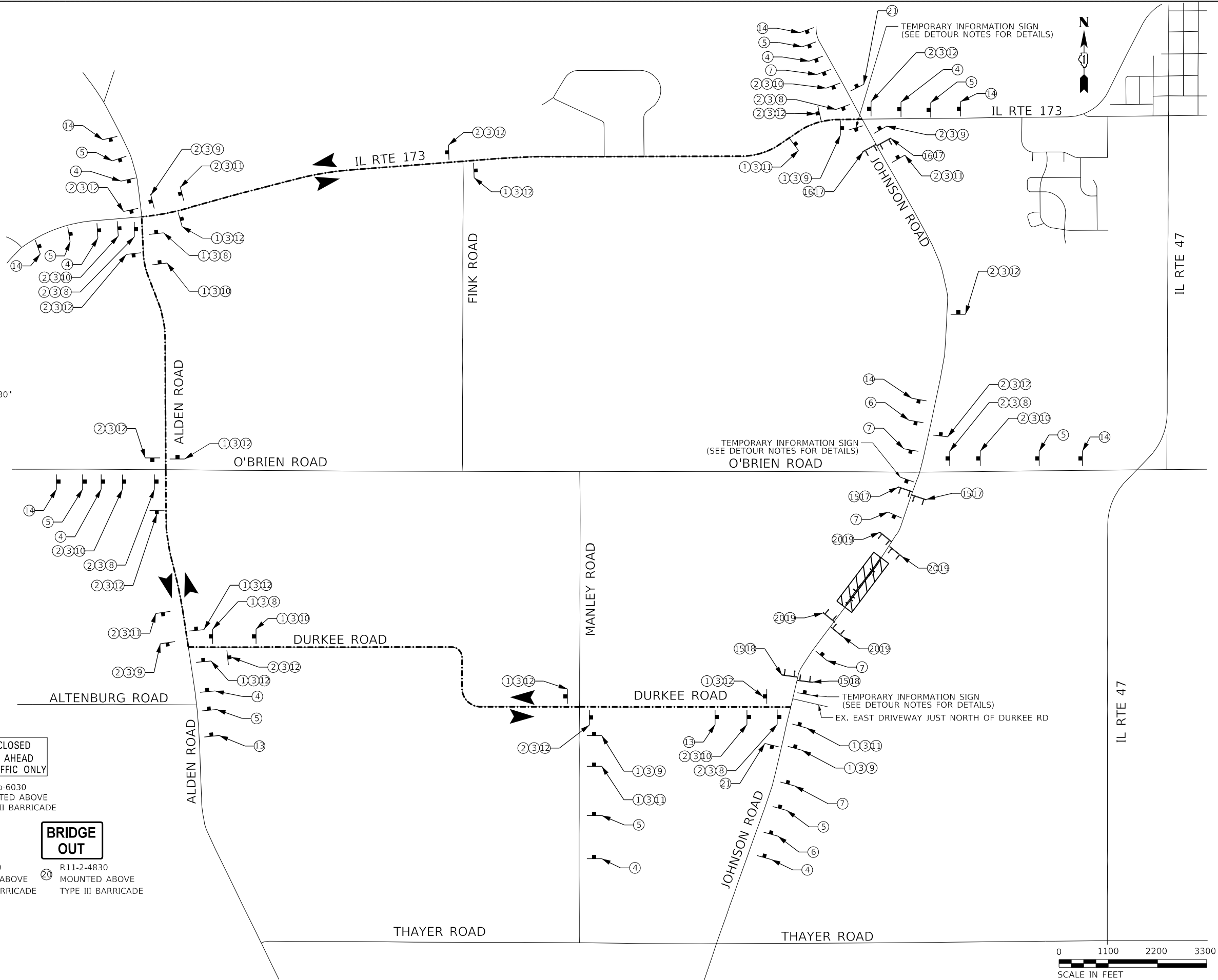
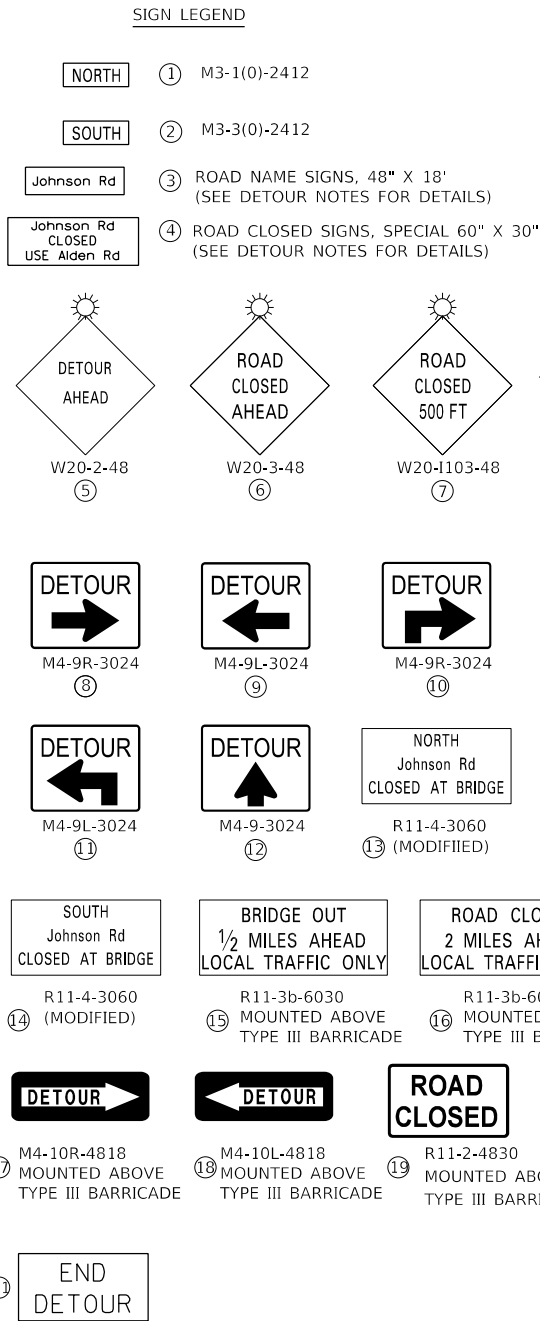
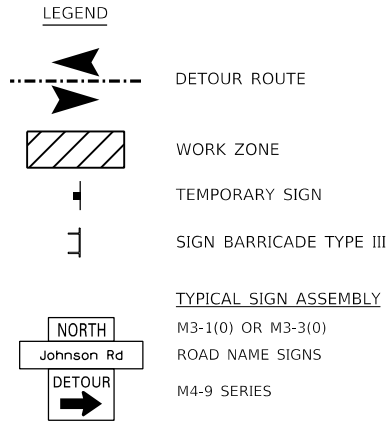
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PLOT DATE	= 6/2/2026	DATE -	6/08/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
DETOUR NOTES

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

C.H.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	23
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
DETOUR PLAN

SCALE: 1" = 1100' SHEET 1 OF 1 SHEETS STA. TO STA.

C.H.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	24
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

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

CERTAIN SEDIMENT CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, OWNER, OR MCHENRY-LAKE SOIL AND WATER CONSERVATION DISTRICT ON A CASE-BY-CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

SECTION 280. TEMPORARY EROSION AND SEDIMENT CONTROL, OF THE STANDARD SPECIFICATIONS
ADDITIONALLY SUPPLEMENTS THIS PLAN.

1. THE PROJECT IS LOCATED ON JOHNSON ROAD OVER NIPPERSINK CREEK.
2. THE PROJECT SHALL GENERALLY CONSIST OF THE FOLLOWING.

- A. REMOVAL OF THE EXISTING BRIDGE STRUCTURE AND PAVEMENT
- B. CONSTRUCTION OF JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK AND INSTALLATION OF RIPRAP AND ARTICULATED BLOCK REVETMENT MAT (CLOSED CELL) AND RIPRAP.
- C. CONSTRUCTION OF ROADWAY IMPROVEMENTS, INCLUDING ROADWAY RECONSTRUCTION, GRADING, HMA SURFACE AND BINDER COURSE, AGGREGATE SUBGRADE IMPROVEMENT, AND PAVEMENT MARKINGS.
- D. PERMANENT EROSION CONTROL, SEEDING AND ALL OTHER COLLATERAL WORK SUCH AS SITE RESTORATION.

1. INSTALL SEDIMENT AND EROSION CONTROL SYSTEMS PRIOR TO EARTHWORK ACTIVITIES.
2. INSTALL TEMPORARY DEWATERING DEVICES IN THE WORK AREA AS NEEDED.
3. STRIP AND STOCKPILE TOPSOIL AND BEGIN GRADING, TEMPORARY SEED AS REQUIRED.
4. DEMOLISH EXISTING BRIDGE STRUCTURE WITHOUT IMPACT TO EXISTING WATERWAY OR DEBRIS ENTERING THE EXISTING WATERWAY.
5. CONSTRUCT BRIDGE STRUCTURE:
 - A. DRIVE PILES FOR BRIDGE STRUCTURE
 - B. CONSTRUCT CONCRETE SUBSTRUCTURE
 - C. CONSTRUCT CONCRETE SUPERSTRUCTURE
6. COMPLETE ROADWAY RECONSTRUCTION THROUGH BINDER AND GRADING
7. COMPLETE FINAL EMBANKMENT AND DITCH GRADING.
8. COMPLETE FINAL HMA SURFACE, PAVEMENT MARKINGS AND RESTORATION.
9. REMOVE ACCUMULATED SEDIMENT AND REMOVE TEMPORARY DEWATERING DEVICES.
10. REMOVE TEMPORARY EROSION CONTROL MEASURES AND RESTORE.

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 2.64 ACRES TO BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

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

THE PROJECT SITE DRAINS INTO THE NIPPERSINK CREEK.

MCHENRY COUNTY REQUIRES COMPLIANCE WITH NPDES PHASE II PROGRAM. AS SUCH, ALL DEVELOPMENTS SHALL PROVIDE TO THE ENTENT POSSIBLE, CONSTRUCTION SITE RUNOFF CONTROL AND ILLICIT DISCHARGE PREVENTION AND ELIMINATION.

1. THE OWNER IS RESPONSIBLE FOR SUBMITTING THE NOTICE OF INTENT (NOI) TO THE IEPA AFTER THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE NOI IS POSTMARKED AT LEAST 30 DAYS BEFORE COMMENCEMENT OF ANY WORK ON THE SITE.
2. THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES.
3. INSPECTION OF CONTROLS WILL BE COMPLETED BY THE OWNER AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A STORM 0.5" OR GREATER, OR EQUIVALENT SNOW FALL.
4. AN INCIDENT OF NON-COMPLIANCE (ION) MUST BE COMPLETED AND SUBMITTED BY THE OWNER TO THE IEPA AND COPIED TO THE COUNTY IF, AT ANY TIME, AN EROSION CONTROL DEVICE FAILS.
5. A NOTICE OF TERMINATION (NOT) SHALL BE COMPLETED AND SUBMITTED BY THE OWNER IN COMPLIANCE WITH NPDES PHASE II REQUIREMENTS WHEN ALL PERMANENT EROSION CONTROL MEASURES ARE IN PLACE AND VEGETATION IS GROWING AND THRIVING. THE NOT SHALL BE SENT TO THE IEPA AND MCHENRY COUNTY PLANNING AND DEVELOPMENT.
6. THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL WASTE SUCH AS DISCARDED MATERIALS, CONCRETE TRUCK WASH OUT, CHEMICALS, LITTER AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY.

1. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS./ACRES, IF DIRECTED.
2. ALL EROSION AND SEDIMENT CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION AND SEDIMENT CONTROL PLAN, PRIOR TO THE APPROVAL AND USE OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

AS PART OF TERMS OF THE ARMY CORPS PERMIT, SUBMIT INSTREAM WORK PLAN FOR REVIEW. ALL INSTREAM WORK PLANS MUST FOLLOW THE ARMY CORPS NWP-14 SPECIAL CONDITIONS:

1. WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE FLOW AT OR BELOW THE NORMAL WATER ELEVATION.
2. THE PLAN MUST BE DESIGNED TO ALLOW FOR THE CONVEYANCE OF THE 2-YEAR PEAK FLOW PAST THE WORK AREA. THE CORPS HAS THE DISCRETION TO REDUCE THIS REQUIREMENT IF DOCUMENTED BY THE APPLICANT TO BE INFEASIBLE OR UNNECESSARY.
3. WATER SHALL BE ISOLATED FROM THE IN-STREAM WORK AREA.
4. NO EQUIPMENT MAY ENTER FLOWING WATER AT ANY TIME. IF ACCESS IS NEEDED TO REACH THE WORK AREA, MEASURES SUCH AS THE CONSTRUCTION OF A CAUSEWAY, WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE CAUSEWAY IS IN PLACE, EQUIPMENT MAY ENTER ONTO THE CAUSEWAY ONLY TO PERFORM THE REQUIRED WORK.
5. IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.
6. DURING DEWATERING OF THE WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.
7. THE PORTION OF THE SIDE SLOPE THAT IS ABOVE THE OBSERVED WATER ELEVATION SHALL BE STABILIZED AS SPECIFIED IN THE PLANS PRIOR TO ACCEPTING FLOWS. THE SUBSTRATE AND TOE OF SLOPE THAT HAS BEEN DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PROPOSED OR PRE-CONSTRUCTION CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.

1. DURING CONSTRUCTION AREAS OUTSIDE THE CONSTRUCTION LIMITS SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING, PARKING VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS OR OTHER CONSTRUCTION RELATED ACTIVITIES.

- A. WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE EROSION DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
- B. AS CONSTRUCTION PROCEEDS THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER.
- i. PLACE TEMPORARY SEDIMENT CONTROL PRACTICES (FILTER BARRIERS, ETC.) AT LOCATIONS SHOWN ON THE PLANS.
 - ii. TEMPORARILY SEED ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
- EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN (7) DAYS.
- CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- THE OWNER OR THE DESIGNATED REPRESENTATIVE SHALL INSPECT THE PROJECT WEEKLY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE AFTER RAINS OF 1/2-INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD.
- SEDIMENT COLLECTED DURING CONSTRUCTION FROM THE VARIOUS TEMPORARY SEDIMENT CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED EROSION CONTROL PRACTICE.
- THE TEMPORARY EROSION AND SEDIMENT CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING.
- EXCEPT AS PREVENTED BY INCLEMENT WEATHER CONDITIONS, ALL DISTURBED AREAS TO REMAIN INACTIVE FOR MORE THAN 7 DAYS SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, COVERING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES WITHIN 7 DAYS. PERMANENT SOIL STABILIZATION SHALL BE PROVIDED WITHIN 14 DAYS AFTER FINAL GRADE IS ESTABLISHED.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN 30 DAYS AFTER SITE STABILIZATION IS ACHIEVED OR AFTER TEMPORARY PRACTICES ARE NO LONGER NEEDED, TRAPPED SEDIMENT SHALL BE PERMANENTLY REMOVED TO PREVENT FURTHER EROSION.

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

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

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

	7/07/2026
ENGINEER'S NAME, PROFESSIONAL ENGINEER	DATE

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

OWNER: MCHENRY COUNTY DIVISION OF TRANSPORTATION

 PE DESIGN MANAGER 7/7/2026

NAME PROFESSIONAL ENGINEER TITLE DATE

MODEL SHEET NAMES
FILE NAME: p:\data\com-be\aw-bentley.com\AECOM_USA_Ullinois\Documents\60737993-Johnson Road Bridge - Phase II\000-CAD GIS\010_CAD\03_SHEETS\cch\60737993_SHT_EC Notes.dgn

GENERAL SOIL EROSION AND SEDIMENT CONTROL NOTES

- THE RESIDENT ENGINEER MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- A COPY OF THE APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE MAINTAINED ON SITE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT OF THE REQUIREMENTS TO IMPLEMENT AND MAINTAIN THE SWPPP AND ALL PERMIT CONDITIONS REQUIRED BY THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) ILR10 PERMIT SET FORTH BY THE ILLINOIS EPA, THE U.S. ARMY CORPS OF ENGINEERS JOINT 404 PERMIT, THE MCHENRY COUNTY STORMWATER MANAGEMENT PERMIT AND ALL REQUIREMENTS SET FORTH BY THE MCHENRY-LAKE COUNTY SOIL AND WATER CONSERVATION DISTRICT (MLCSWCD) AND THE STATE OF ILLINOIS.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER OR THE COUNTY.
- THE CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH ALL SUBCONTRACTORS, THE COUNTY, THE MLCSWCD AND OTHER INTERESTED REGULATORY AGENCIES AND OFFICIALS PRIOR TO CONSTRUCTION.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR OF EROSION CONTROL MEASURES
- THE MLCSWCD IS RESPONSIBLE FOR CONDUCTING SITE VISITS, VERIFYING THE PRACTICES ARE WORKING PROPERLY AND DETERMINING IF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL. IF ADDITIONAL PRACTICES ARE DEEMED NECESSARY, THE CONTRACTOR WILL IMPLEMENT THE PRACTICE IN A TIMELY MANNER.
- ALL AREAS OF DISTURBED SOIL SHALL BE STABILIZED WITH EROSION CONTROL BLANKET (SPECIAL) FOLLOWING COMPLETION OF SOIL DISTURBING ACTIVITIES. THE EROSION CONTROL BLANKET SHALL BE WILDLIFE-FRIENDLY PLASTIC-FREE BLANKET AND USED AROUND WETLANDS AND ADJACENT TO NATURAL AREAS TO PREVENT ENTANGLEMENT OF NATIVE WILDLIFE.
- AS A PERMIT CONDITION REQUIRED FOR THIS PROJECT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE COUNTY, THE US ARMY CORPS OF ENGINEERS, MLCSWCD AND ENGINEER FOR APPROVAL. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR WORK FOR WHICH IT IS REQUIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- CONCRETE WASHOUT(S) ARE ANTICIPATED FOR THIS PROJECT AND SHALL BE DRAWN ONTO THE PLANS AT THE TIME OF INSTALLATION. WASHOUTS ARE TO BE MAINTAINED IN A MANNER CONSISTENT WITH THE DETAILS ON THE PLANS AND THE LATEST EDITION OF THE ILLINOIS URBAN MANUAL CONCRETE WASHOUT SHALL BE CONTAINED AT ALL TIMES. WASHOUT MATERIAL SHALL NOT BE ALLOWED TO ENTER WATER BODIES, STORM SEWERS, OR LEACH INTO THE SOIL UNDER ANY CIRCUMSTANCES. ANY WASTE SHALL BE DISPOSED OF PROPERLY AND THE LOCATION OF THE WASHOUT SHALL BE DESIGNATED WITH PROPER SIGNAGE. FAILURE TO COMPLY COULD RESULT IN A VIOLATION.
- STABILIZED CONSTRUCTION ENTRANCES ARE ANTICIPATED FOR THIS PROJECT. A QUANTITY HAS BEEN INCLUDED IN THE PROJECT TO COMPLETE THIS WORK. IT IS ANTICIPATED THAT THE STABILIZED CONSTRUCTION ENTRANCES WILL BE PLACED AT THE NORTH AND SOUTH ENDS OF THE PROJECT LIMITS. IF THE ENTRANCE LOCATIONS ARE TO BE REVISED, THE CONTRACTOR SHALL SUBMIT THE LOCATION AND DETAILS THROUGH THE ENGINEER FOR APPROVAL.

DIVERSION AND DEWATERING NOTES

- WHEN DIVERSION AND DEWATERING OF THE CONSTRUCTION AREA IS NECESSARY, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. ALL WATERS SHALL BE FILTERED USING FILTER BAGS OR AN ALTERNATIVE MEASURE APPROVED BY THE MLCSWCD. ALL FILTER BAGS MUST HAVE SECONDARY CONTAINMENT DEVICES AND SHOULD BE PLACED ON LEVEL GROUND. DEWATERING DIRECTLY INTO STREAMS, WETLANDS, FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
- WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE FLOW AT OR BELOW THE NORMAL ELEVATION.
- IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED WITHIN A SUMP PIT TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING CHECK DAM, PLYWOOD, SHEET PILE, ETC.) PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION OF DOWNSTREAM AREAS.
- DEWATERING SHALL INCLUDE MEANS, METHODS, AND MATERIALS TO DEWATER AND TO PROVIDE FILTRATION OF WATERS BEFORE RE-ENTERING THE WATERWAY AND SHALL BE COORDINATED WITH THE MLCSWCD AT THE PRE-CONSTRUCTION MEETING.
- DIVERSION OF THE CREEK FLOW IF DETERMINED BY CONTRACTOR AS NECESSARY WILL NOT BE PAID FOR SEPARATELY. COST OF DIVERSION SHALL BE INCLUDED IN THE UNIT PRICE OF THE STRUCTURE.

MCHENRY-LAKE COUNTY SOIL AND WATER CONSERVATION DISTRICT NOTES

- THE CONTRACTOR AND ENGINEER SHALL MEET WITH THE MLSWD TO COORDINATE ALL IN-STREAM WORK ACTIVITIES.
- THE CONTRACTOR'S IN-STREAM WORK PLAN SHALL BE SUBMITTED TO THE MLSWD AND THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO STARTING ANY WORK. THERE WILL BE NO ADDITIONAL COMPENSATION FOR PROVIDING THE COORDINATION AND WORK PLAN.
- SEE EROSION CONTROL PLAN SHEETS FOR ADDITIONAL DETAILS, CONDITIONS AND NOTES.

MCHENRY COUNTY PLANNING AND DEVELOPMENT STANDARD SOIL EROSION AND SEDIMENT CONTROL NOTES

- CONTROL MEASURES SHALL MEET THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE ILLINOIS URBAN MANUAL ([HTTPS://ILLINOISURBANMANUAL.ORG/](https://illinoisurbanmanual.org/)) UNLESS STATED OTHERWISE.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION, AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE DISTURBED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL STABILIZATION IS ACHIEVED.
- SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, DEVELOPMENT SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- STABILIZATION BY SEEDING SHALL INCLUDE TOPSOIL PLACEMENT AND FERTILIZATION, AS NECESSARY.
- NATIVE SEED MIXTURES SHALL INCLUDE RAPID-GROWING ANNUAL GRASSES OR SMALL GRAINS TO PROVIDE INITIAL TEMPORARY SOIL STABILIZATION.
- OFF-SITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO PREVENT EROSION.
- SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO DISTURBANCE OF THE TRIBUTARY AREAS.
- STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 7 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 7 WORKING DAYS OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NOT LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION IN THE WORK AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED BELOW:
 - WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE; AND
 - IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME, A TEMPORARY STABILIZATION METHOD MAY BE USED
- DISTURBANCE OF STEEP SLOPES SHALL BE MINIMIZED. AREAS OR EMBANKMENTS HAVING SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH STAKED IN PLACE, EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING, OR AN EQUIVALENT CONTROL MEASURE.
- PERIMETER CONTROL MEASURES SHALL BE PROVIDED DOWNSLOPE AND PERPENDICULAR TO THE FLOW OF RUNOFF FROM DISTURBED AREAS, WHERE THE TRIBUTARY AREA IS GREATER THAN 5,000 SQUARE FEET, AND WHERE RUNOFF WILL FLOW IN A SHEET FLOW MANNER. PERIMETER EROSION BARRIER CONTROL SHALL ALSO BE PROVIDED AT THE BASE OF STOCKPILES.
- THE STORMWATER MANAGEMENT SYSTEM SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION OF DOWNSLOPE FROM DISTURBED AREAS. INLET PROTECTION THAT REDUCES SEDIMENT LOADING, WHILE ALLOWING RUNOFF TO ENTER THE INLET SHALL BE REQUIRED FOR ALL STORM SEWERS. CHECK DAMS, OR AN EQUIVALENT CONTROL MEASURE, SHALL BE REQUIRED FOR ALL CHANNELS. FILTER FABRIC, INLET PROTECTION AND STRAW BALE DITCH CHECKS ARE NOT ACCEPTABLE EROSION CONTROL MEASURES.
- IF DEWATERING SERVICES ARE USED, DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP OR AN EQUIVALENT MEASURE). THE ENFORCEMENT OFFICER SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- ALL TEMPORARY SOIL AND EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION OF THE DEVELOPMENT SITE IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NECESSARY. TRAPPED SEDIMENT SHALL BE REMOVED AND DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED.
- STOCKPILED SOIL AND MATERIALS SHALL BE REMOVED FROM FLOOD HAZARD AREAS AT THE END OF EACH WORKDAY. SOIL AND MATERIALS STOCKPILED IN ISOLATED WETLANDS OF MCHENRY COUNTY OR BUFFER AREAS SHALL BE PLACED ON TIMBER MATS, OR AN EQUIVALENT CONTROL MEASURE.
- EFFECTIVE CONTROL MEASURES SHALL BE UTILIZED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THE DEVELOPMENT SITE AT A MINIMUM, CONTROL MEASURES SHALL BE IMPLEMENTED IN ORDER TO:
 - MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATER; AND
 - MINIMIZE THE EXPOSURE TO BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, VEHICLE FLUIDS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE DEVELOPMENT SITE TO PRECIPITATION ENTERING AND STORMWATER.
- ADEQUATE RECEPTACLES SHALL BE PROVIDED FOR THE DEPOSITING OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS, THE APPLICANT SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, OR IWMC; THE DEVELOPMENT SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.
- THE ENFORCEMENT OFFICER MAY REQUIRE ADDITIONAL SOIL EROSION AND SEDIMENT CONTROL MEASURES, BASED ON DEVELOPED SITE-SPECIFIC CONSIDERATIONS AND THE EFFECTIVENESS OF THE INSTALLED CONTROL MEASURES.

MAINTENANCE SCHEDULE

- PERIMETER EROSION BARRIER - AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL PERIMETER EROSION BARRIER WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT OR EQUIVALENT SNOWFALL. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE PERIMETER EROSION BARRIER FUNCTIONAL AS DESIGNED.
- EROSION CONTROL BLANKET (SPECIAL) - AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL EROSION BLANKET WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT OR EQUIVALENT SNOWFALL. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE EROSION BLANKET FUNCTIONAL AS DESIGNED.
- TEMPORARY & AGGREGATE DITCH CHECKS - AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL DITCH CHECKS WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE DITCH CHECKS FUNCTIONAL AS DESIGNED. REMOVE SEDIMENT FROM UPSTREAM SIDE OF DITCH CHECK WHEN SEDIMENT HAS REACHED 50% OF STRUCTURE HEIGHT. THE CENTER OF THE DITCH CHECK SHALL ALSO BE INSPECTED TO ENSURE THE CENTER OF THE DEVICE IS 6 INCHES LOWER THAN THE AGGREGATE SIDES AND 18 INCHES LOWER THAN THE TOP OF THE DITCH.



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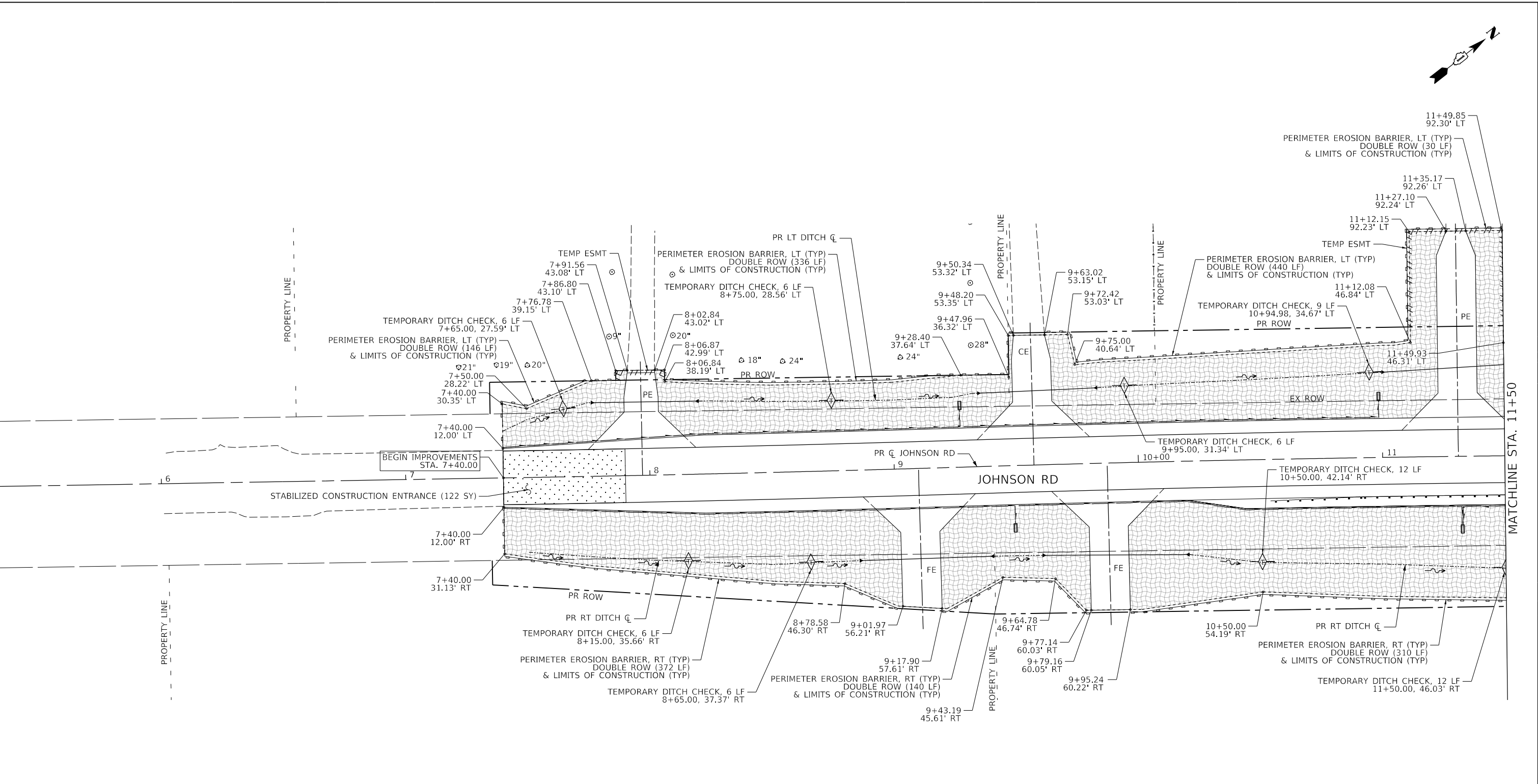
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
EROSION & SEDIMENT CONTROL GENERAL NOTES

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

C.H.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	26
		CONTRACT NO. 61L85		
		ILLINOIS	FED. AID PROJECT	

MODEL: SHOMELNAMES
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LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET (PAID FOR AS EROSION CONTROL BLANKET (SPECIAL))
- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY DITCH CHECKS OVER FILTER FABRIC
- PERIMETER EROSION BARRIER (DOUBLE ROW)

NOTES:

- A NOMINAL QUANTITY FOR TEMPORARY FENCE FOR TREE PROTECTION HAS BEEN INCLUDED TO BE USED AT THE DIRECTION OF THE ENGINEER.
- CONTRACTOR SHALL NOT IMPACT ADDITIONAL WETLANDS OUTSIDE CONSTRUCTION LIMITS.
- A NOMINAL QUANTITY FOR TREE ROOT PRUNING, TREE PRUNING (1 TO 10 DIAMETER), AND TREE PRUNING (OVER 10 INCH DIAMETER) HAVE BEEN INCLUDED TO BE USED AT THE DIRECTION OF THE ENGINEER.
- PROVIDE NOTICE AND LAYOUT TO PROPERTY OWNER PRIOR TO INSTALLATION OF PERIMETER EROSION BARRIER BETWEEN NIPPERSINK CREEK AND STATION 18+00 LT.



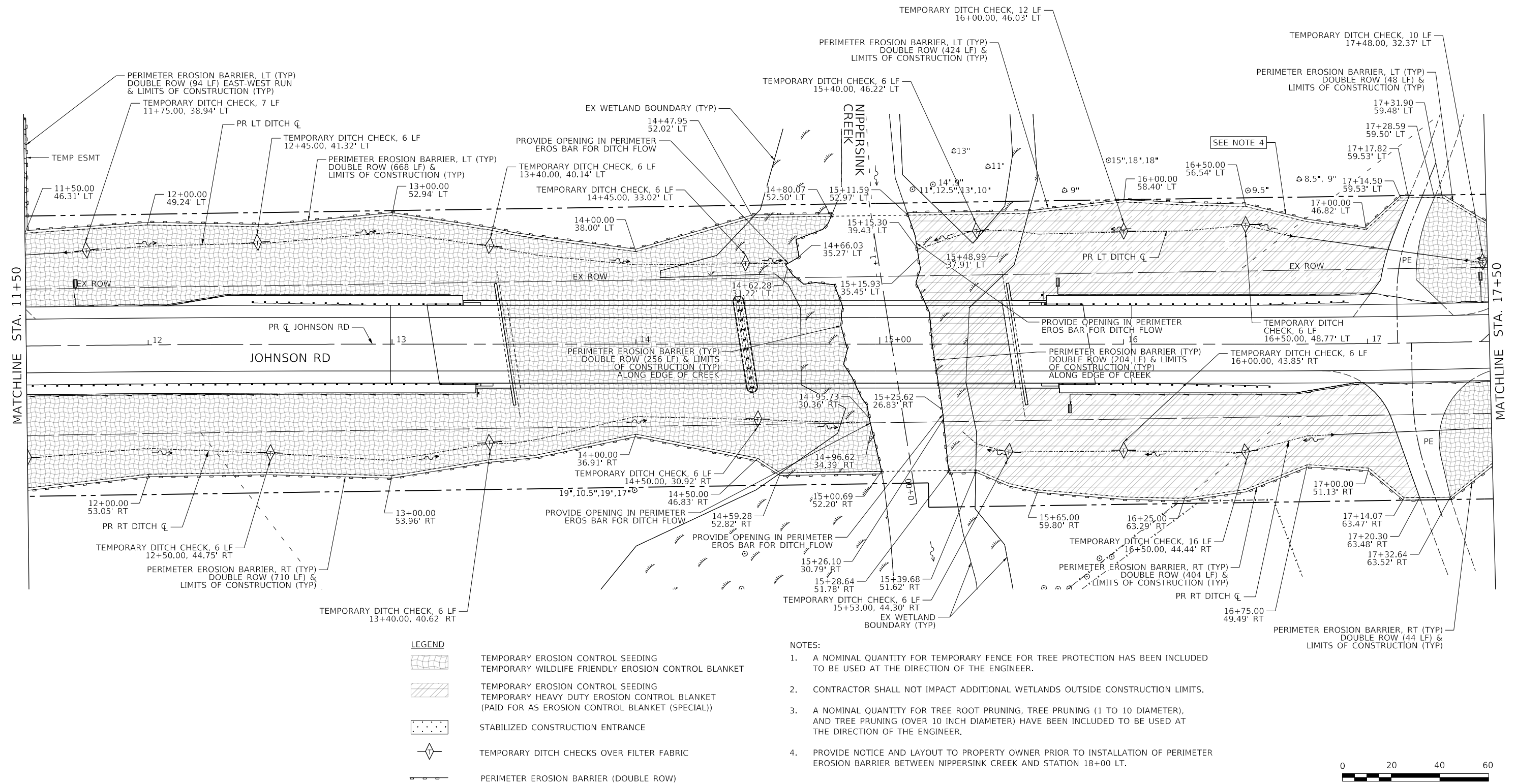
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PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

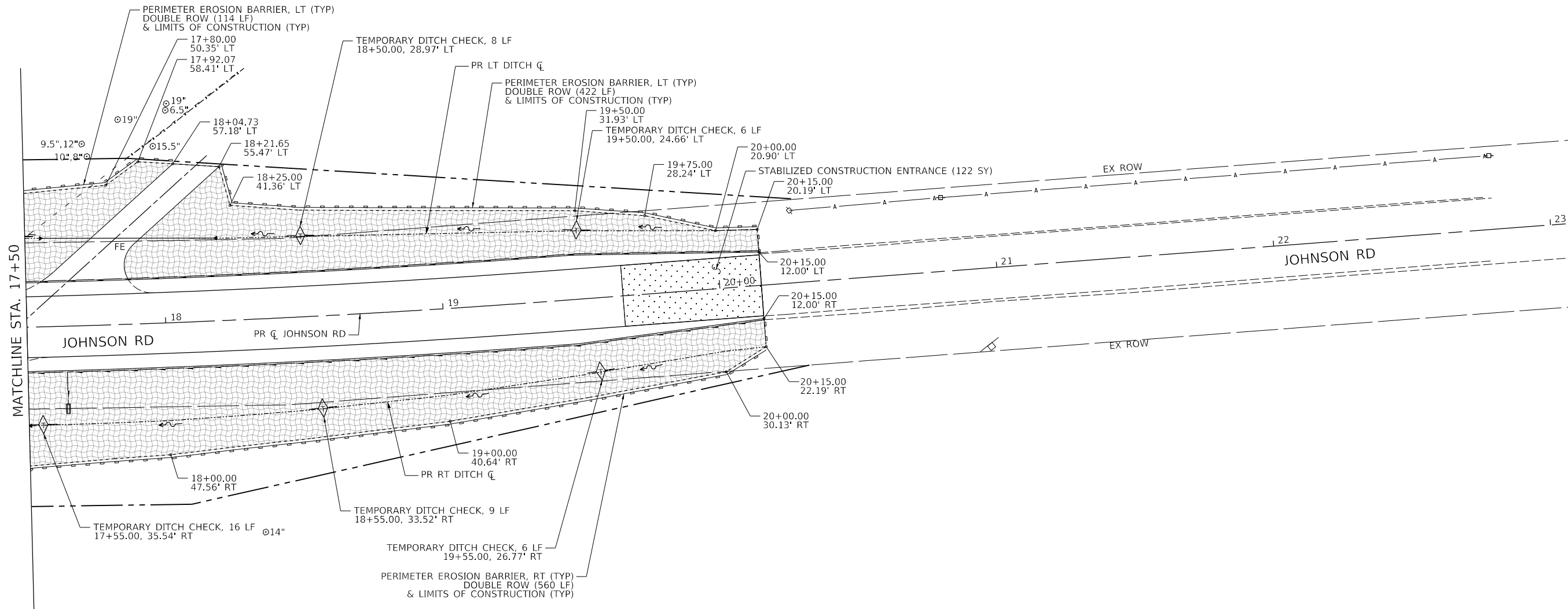
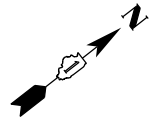
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0027	18-00488-00-BR	MCHENRY	117	27
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



MODEL: SH06LNAME5
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PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK TEMPORARY EROSION AND SEDIMENT CONTROL PLAN					
SCALE: 1" = 20'	SHEET 2	OF 3	SHEETS	STA. 11+50	TO STA. 17+50



- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING
 - TEMPORARY WILDLIFE FRIENDLY EROSION CONTROL BLANKET
 - TEMPORARY EROSION CONTROL SEEDING
 - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET (PAID FOR AS EROSION CONTROL BLANKET (SPECIAL))
 - STABILIZED CONSTRUCTION ENTRANCE
 - TEMPORARY DITCH CHECKS OVER FILTER FABRIC
 - PERIMETER EROSION BARRIER (DOUBLE ROW)

- NOTES:**
- A NOMINAL QUANTITY FOR TEMPORARY FENCE FOR TREE PROTECTION HAS BEEN INCLUDED TO BE USED AT THE DIRECTION OF THE ENGINEER.
 - CONTRACTOR SHALL NOT IMPACT ADDITIONAL WETLANDS OUTSIDE CONSTRUCTION LIMITS.
 - A NOMINAL QUANTITY FOR TREE ROOT PRUNING, TREE PRUNING (1 TO 10 DIAMETER), AND TREE PRUNING (OVER 10 INCH DIAMETER) HAVE BEEN INCLUDED TO BE USED AT THE DIRECTION OF THE ENGINEER.
 - PROVIDE NOTICE AND LAYOUT TO PROPERTY OWNER PRIOR TO INSTALLATION OF PERIMETER EROSION BARRIER BETWEEN NIPPERSINK CREEK AND STATION 18+00 LT.



MODEL: SHOMELMAMES
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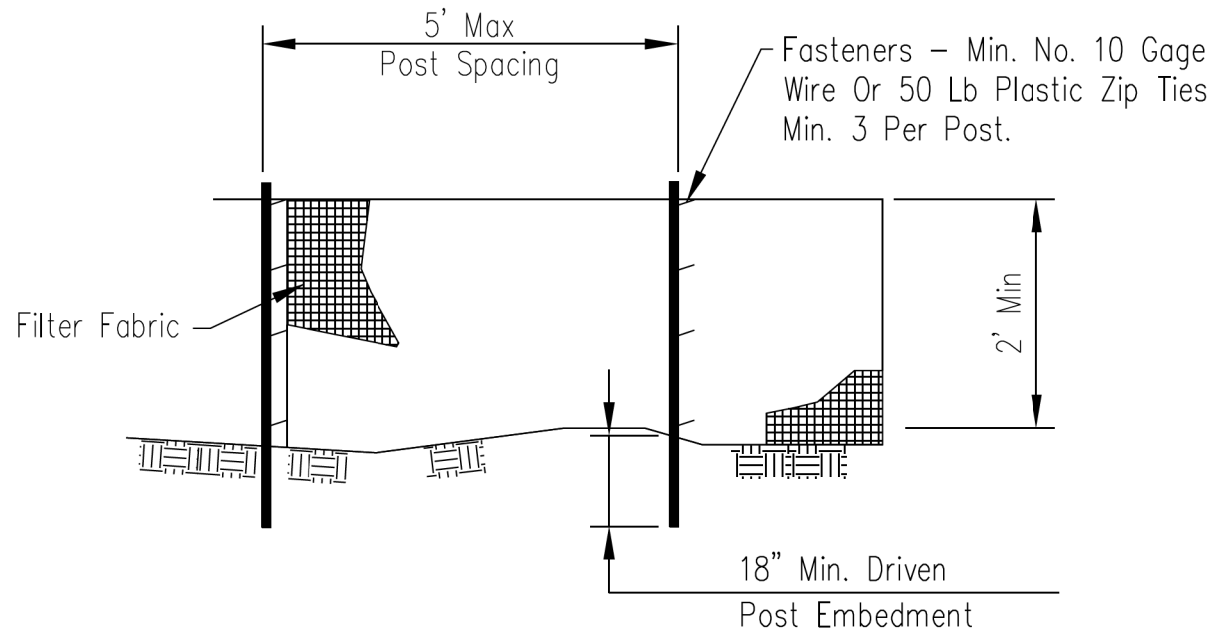
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PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

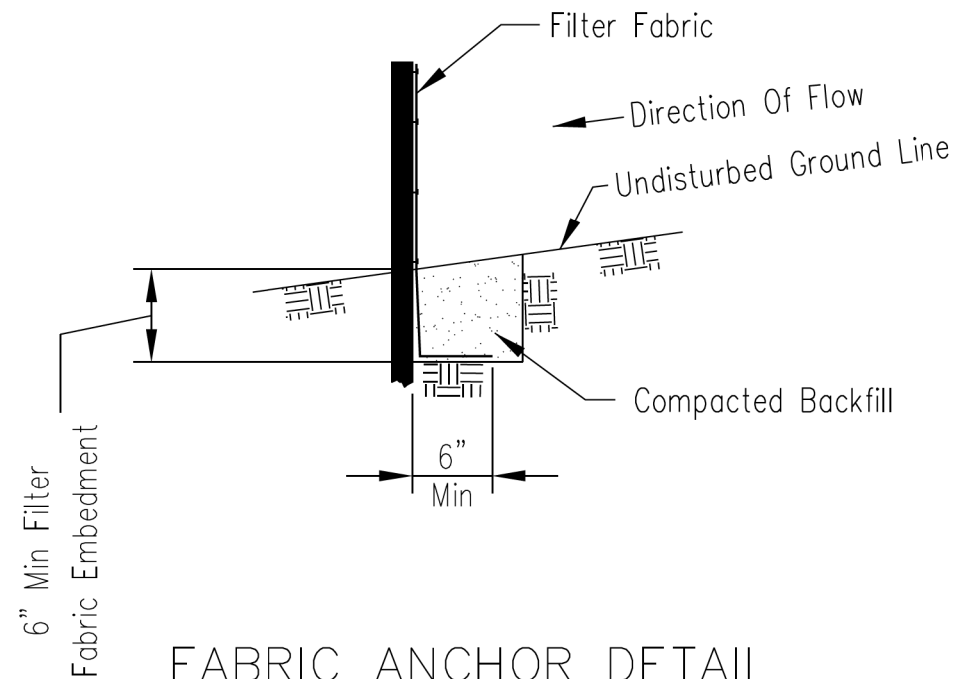
JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 17+50 TO STA. 20+15

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	29
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



ELEVATION



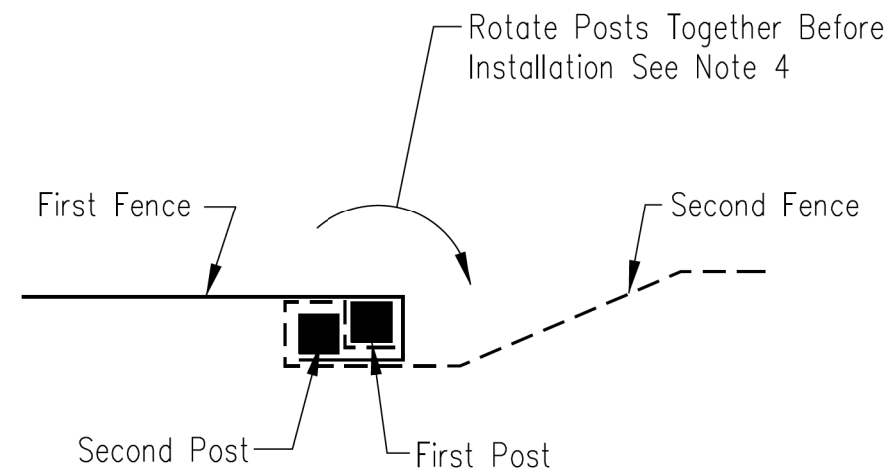
FABRIC ANCHOR DETAIL

NOTES:

1. Temporary silt fence shall be installed prior to any grading work in the area to be protected. Fence shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
3. Fence posts shall be either wood post with a minimum cross-sectional area of 1.5" X 1.5" or a standard steel post.
4. When splices are necessary make splice at post according to splice detail. Place the end post of the second fence inside the end post of the first fence. Rotate both posts together at least 180 degrees to create a tight seal with the fabric material. Cut the fabric near the bottom of the posts to accommodate the 6 inch flap. Then drive both posts and bury the flap. Compact backfill well.

NOTE:

1. THIS WORK SHALL BE PAID FOR AS PERIMETER EROSION BARRIER



SPLICE DETAIL-PLAN VIEW

SILT FENCE

United States
Department of
Agriculture
USDA
Natural Resources
Conservation Service

File No.
IL-ENG-49

Drawing No.

Page 1 of 1

Sheet of

AECOM
ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 375-7700

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
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PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

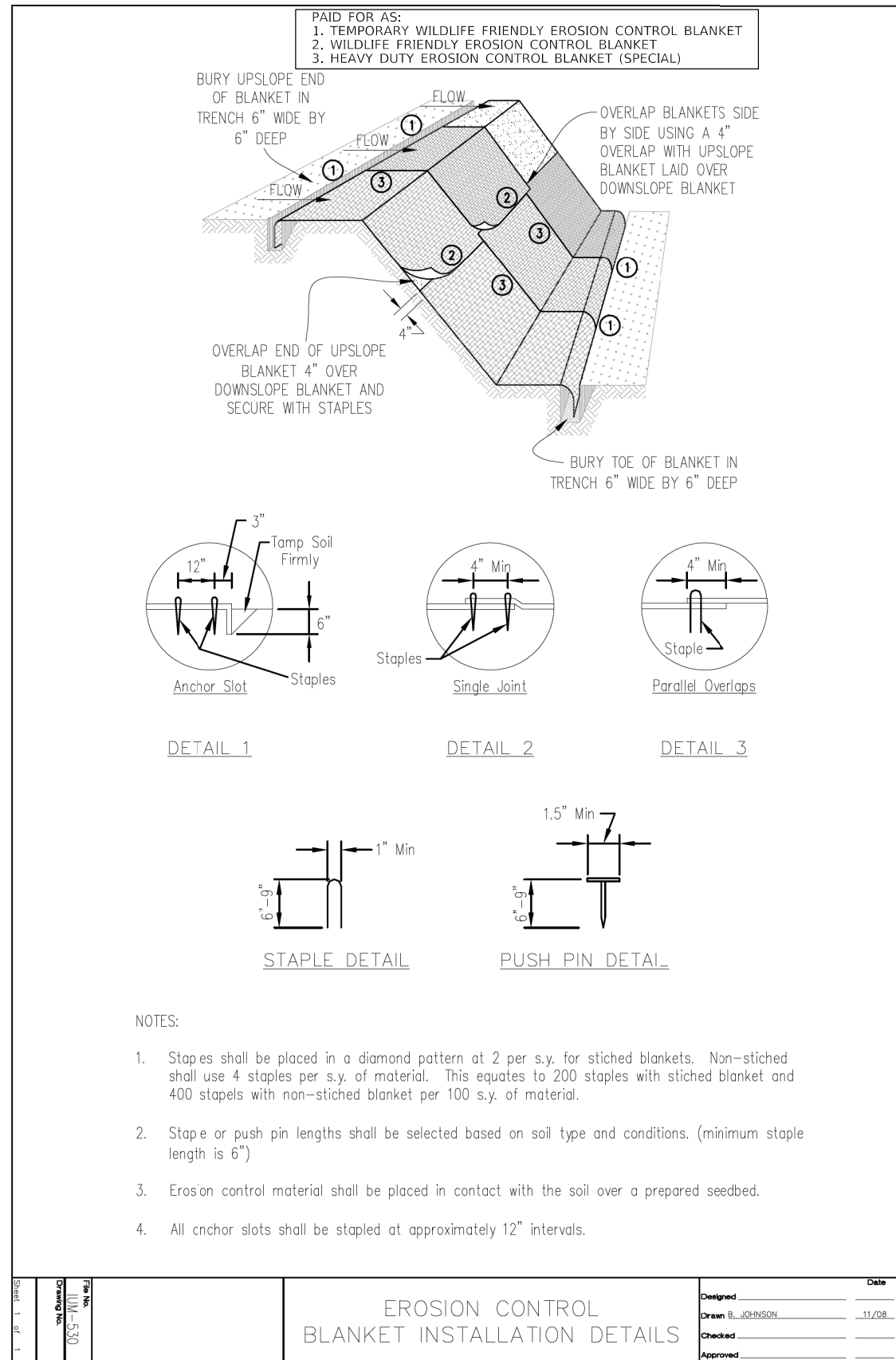
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SOIL EROSION AND SEDIMENT CONTROL DETAILS

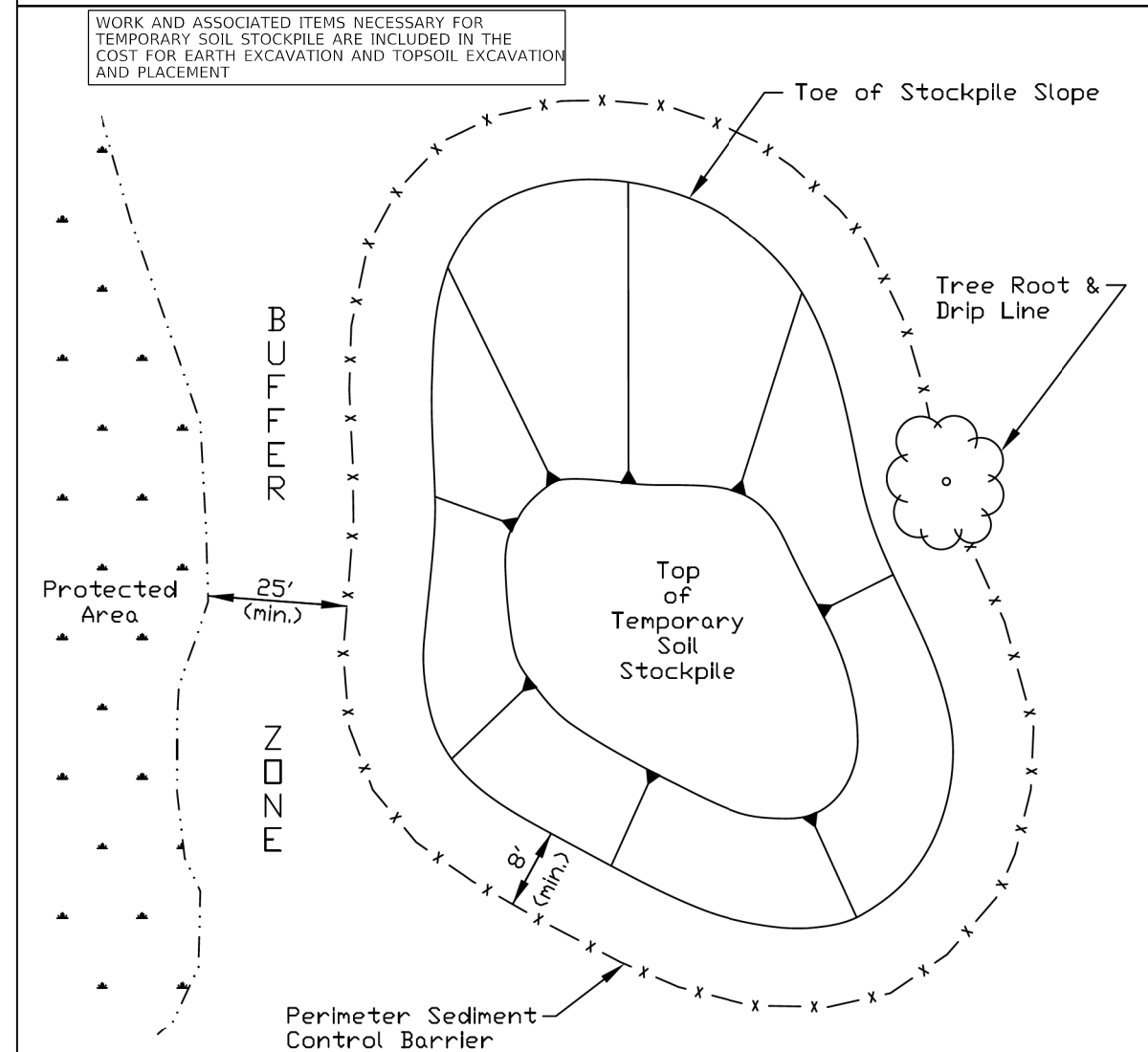
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

C.H.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	30
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

MODEL: \MODEL\NAMES
FILE: \MODEL\Drawings\soil-erosion\Johnson Road Bridge - Phase II\000-CAD GIS\010-CAD\03-SHEETS\010\0737993_SHT_EC_Detail_01_IL-ENG-49.dgn



TEMPORARY SOIL STOCKPILE DETAIL



NOTES:

1. Stockpile slopes should be based on angle of repose of the soil material to avoid potential sloughing of the slope.
2. Soil stockpile to be stabilized in accordance with practical standards.
3. Do not locate stockpile within overland drainage flow path, designated floodways, drip line or over the root crown of adjacent trees.
4. Provisions for sediment control practices may be required along haul roads and entrance/exit locations for access the soil stockpile that can create flow path for stormwater runoff.
5. Installation of benches, terraces, or slope interrupters should be considered.
6. Avoid building soil stockpiles on impervious surfaces.
7. Liniear sediment trap surrounding the stockpile base may be used to control sediment.

REFERENCE

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



STANDARD DWG. NO.

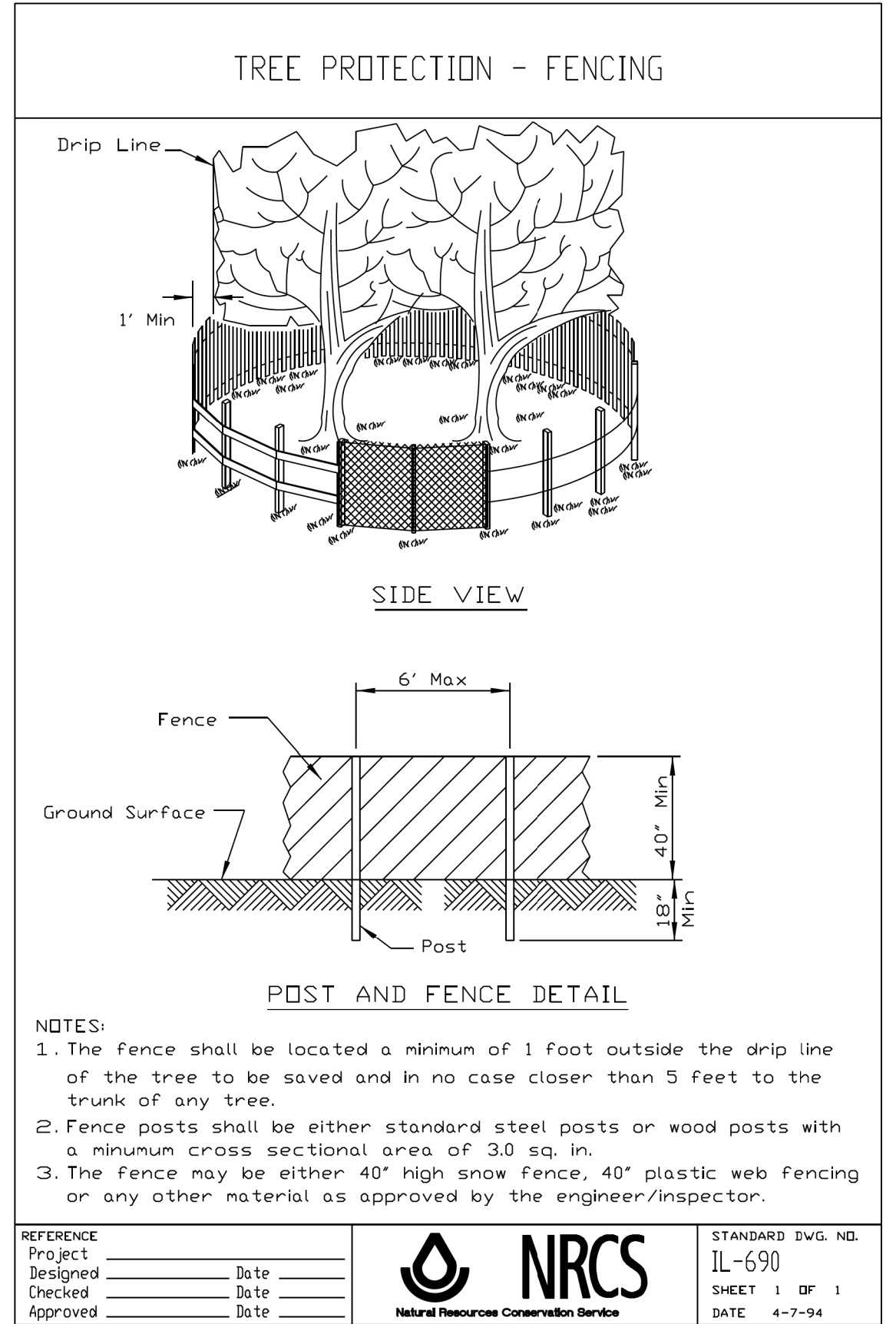
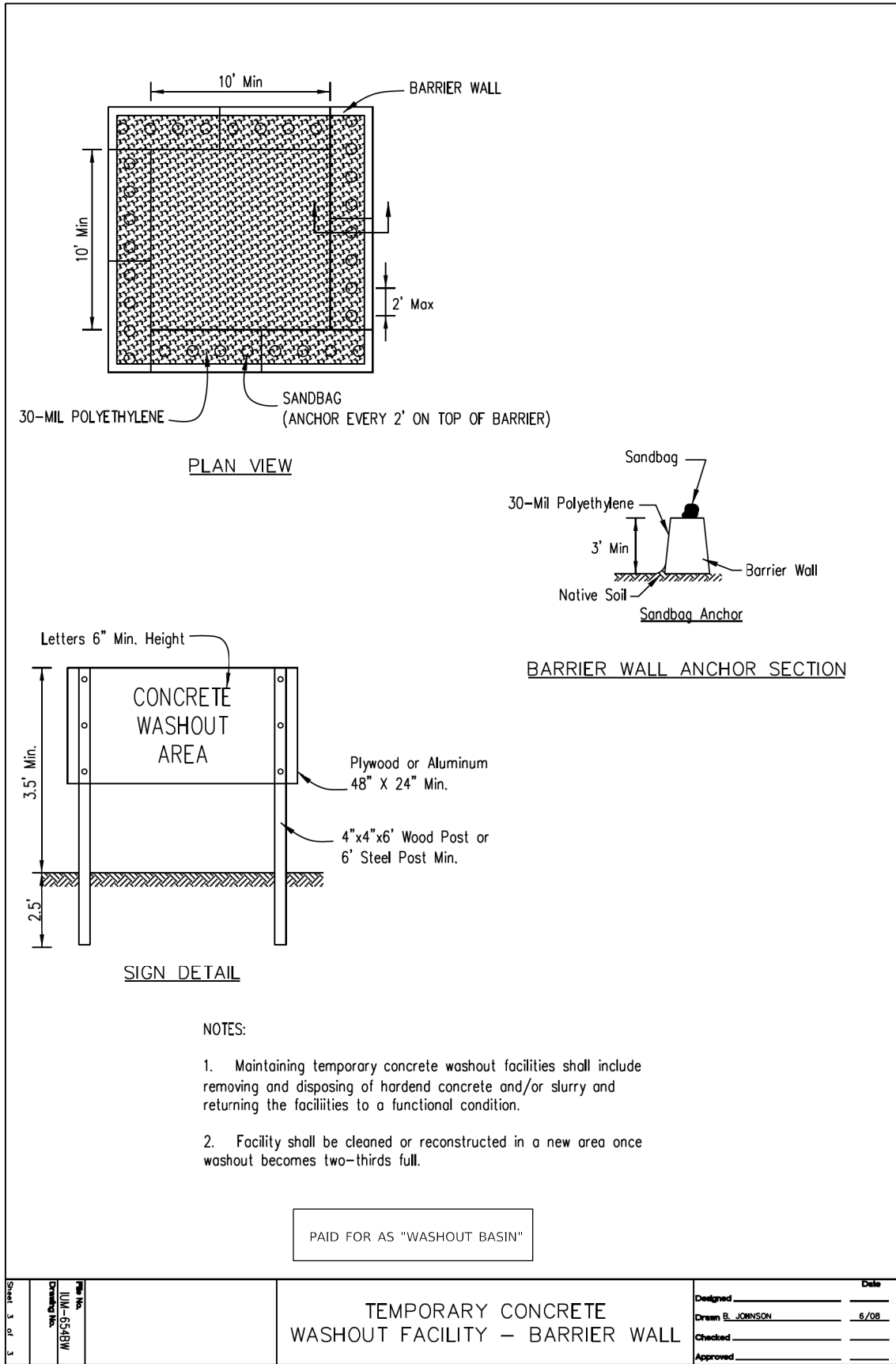
IUM-627

SHEET 1 OF 1

DATE JANUARY 2017

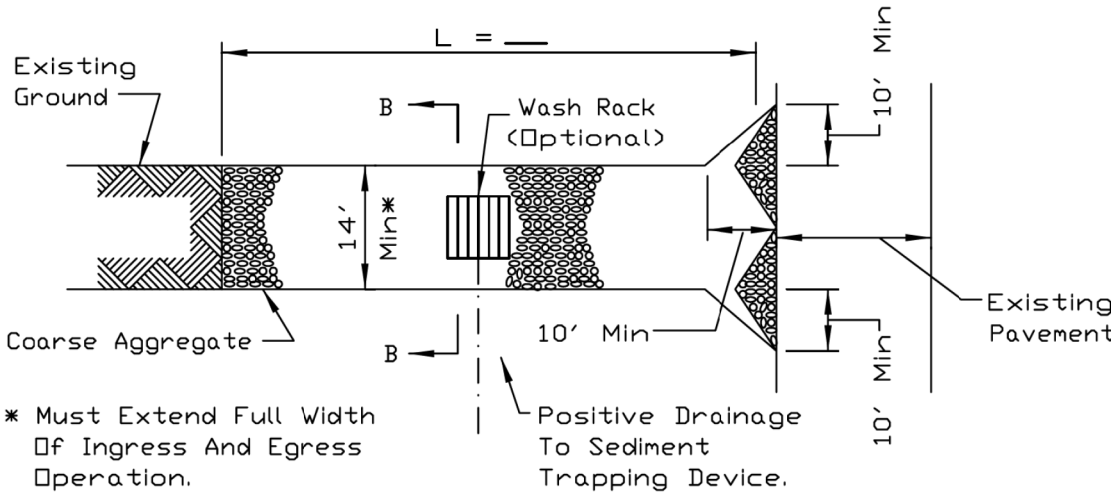
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		DRAWN	- OH	REVISED	-
PLOT SCALE	= 20,0000 ' / In.	CHECKED	- ATB	REVISED	-
PLOT DATE	= 6/2/2026	DATE	- 6/08/2026	REVISED	-

MODEL: SHOMDEL.NAMES
FILE: N:\water_projects\com-beow-bentley.com\AECOM_USA_Illinois\Documents\607377993-Johnson Road Bridge - Phase II\900-CAD_GIS\010_CAD\03_SHEETS\civil\607377993_SHT_EC_Detail_05_IL-690.dgn

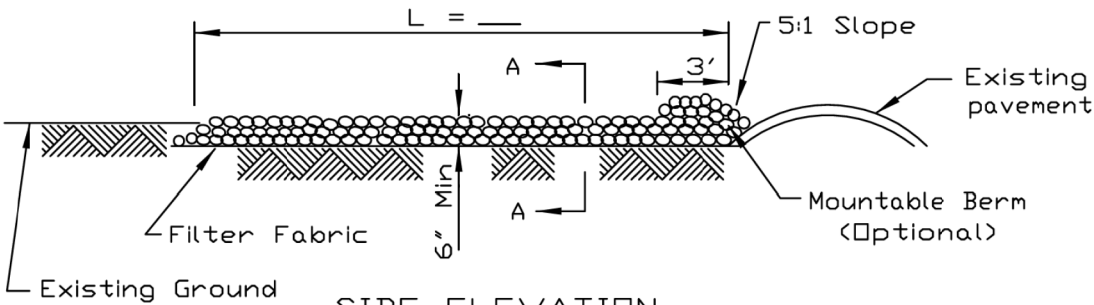


NOTE:
TREE TRUNK PROTECTION SHALL BE PAID FOR BY THE PAY ITEM "TEMPORARY FENCE" PER THE UNIT OF FOOT

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



SIDE ELEVATION

NOTES:

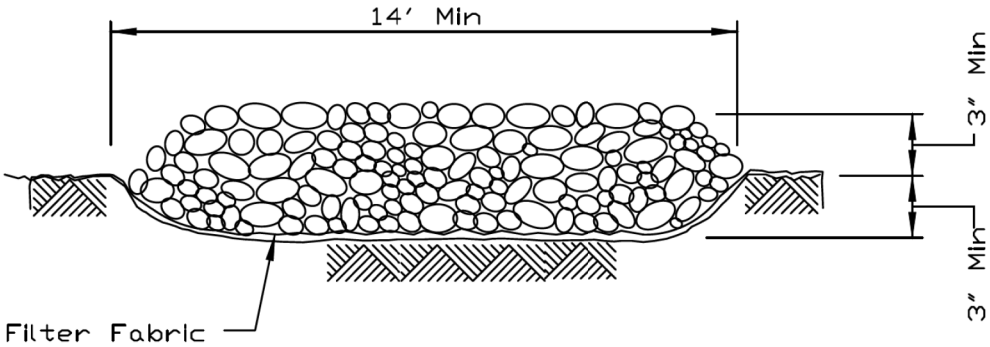
- 1.Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
- 2.Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
- 3.Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
- 4.If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE	
Project	
Designed	Date
Checked	Date
Approved	Date

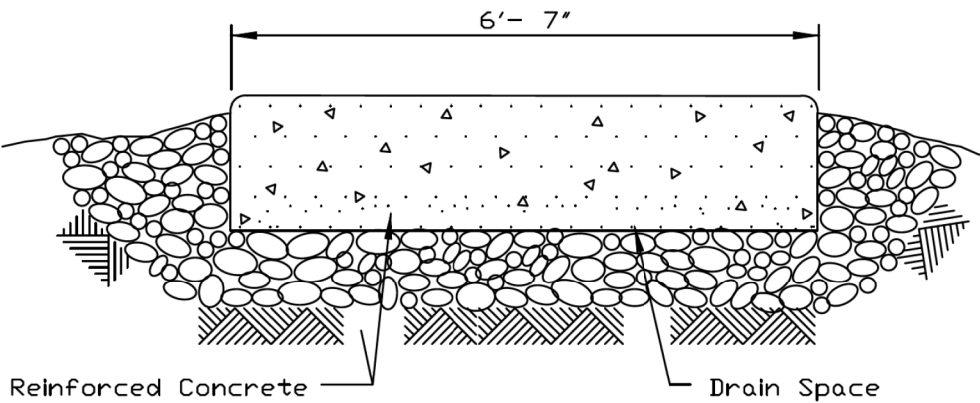


STANDARD DWG. NO.	
IL-630	
SHEET 1 OF 2	
DATE 8-18-94	

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A



SECTION B-B

REFERENCE	
Project	
Designed	Date
Checked	Date
Approved	Date



STANDARD DWG. NO.	
IL-630	
SHEET 2 OF 2	
DATE 8-18-94	

MODEL: SHOMELMAMES
FILE: \\nascom\pawson\benley\com\AECOM_USA_Ullin\pawson\Documents\60737993-Johnson Road Bridge - Phase II\000-CAD GIS\010-CAD\03-SHEETS\01\60737993_SHT_EC_Detail_06_IL-630.dgn



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SOIL EROSION AND SEDIMENT CONTROL DETAILS

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

C.H.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	33
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

PROFILE		DATE
SURVEYED _____	BY _____	
PLOTTED _____		
GRADES CHECKED _____		
B.M. NOTED _____		
STRUCTURE NOTATIONS CHK'D _____		

AECOM
ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST., SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-7700

USER NAME	= ken,moy
PLOT SCALE	= 40,0000
PLOT DATE	= 6/2/2026

DESIGNED	-	KLM
DRAWN	-	KLM
CHECKED	-	ATB
DATE	-	6/08/2026

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
PROPOSED DRAINAGE PLAN & PROFILE AND GRADING PLAN**

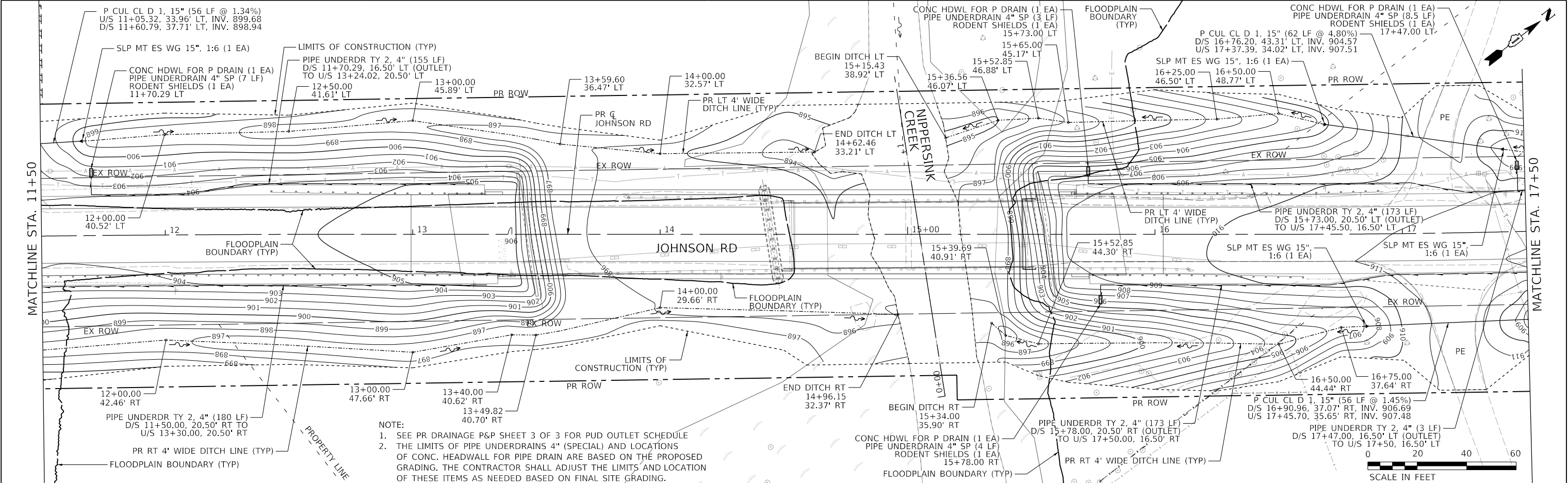
SCALE: 1" = 20'	SHEET 1 OF 3 SHEETS	STA. 7+40	TO STA. 11+50
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C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	34
		CONTRACT NO. 61L85		
ILLINOIS		FED. AID PROJECT		

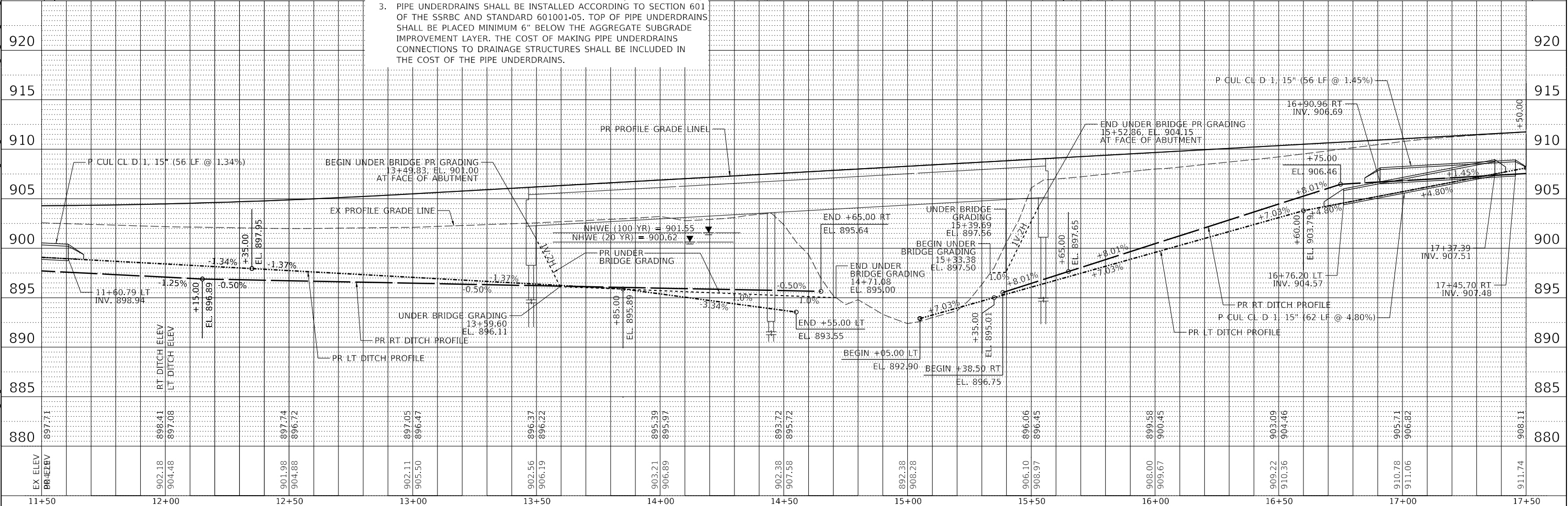
PLAN	SURVEYED	DATE
NO.		
NOTE BOOK		
NO.		
NO.		

PROFILE	SURVEYED	DATE
NO.		
NOTE BOOK		
NO.		
NO.		

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- NOTE:
1. SEE PR DRAINAGE P&P SHEET 3 OF 3 FOR PUD OUTLET SCHEDULE
 2. THE LIMITS OF PIPE UNDERDRAINS 4" (SPECIAL) AND LOCATIONS OF CONC. HEADWALL FOR PIPE DRAIN ARE BASED ON THE PROPOSED GRADING. THE CONTRACTOR SHALL ADJUST THE LIMITS AND LOCATION OF THESE ITEMS AS NEEDED BASED ON FINAL SITE GRADING.
 3. 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.



USER NAME = ken.moy
DESIGNED - KLM
DRAWN - KLM
CHECKED - ATB
DATE - 6/08/2026

REVISD -
REVISD -
REVISD -
REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
PROPOSED DRAINAGE PLAN & PROFILE AND GRADING PLAN

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 11+50 TO STA. 17+50

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	35
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

PLAN

DATE

BY

SURVEYED

PLOTTED

ALIGNMENT CHECKED

STRUCTURE NOTATION CHKG

NOTE BOOK

NO.

PROFILE

DATE

BY

SURVEYED

PLOTTED

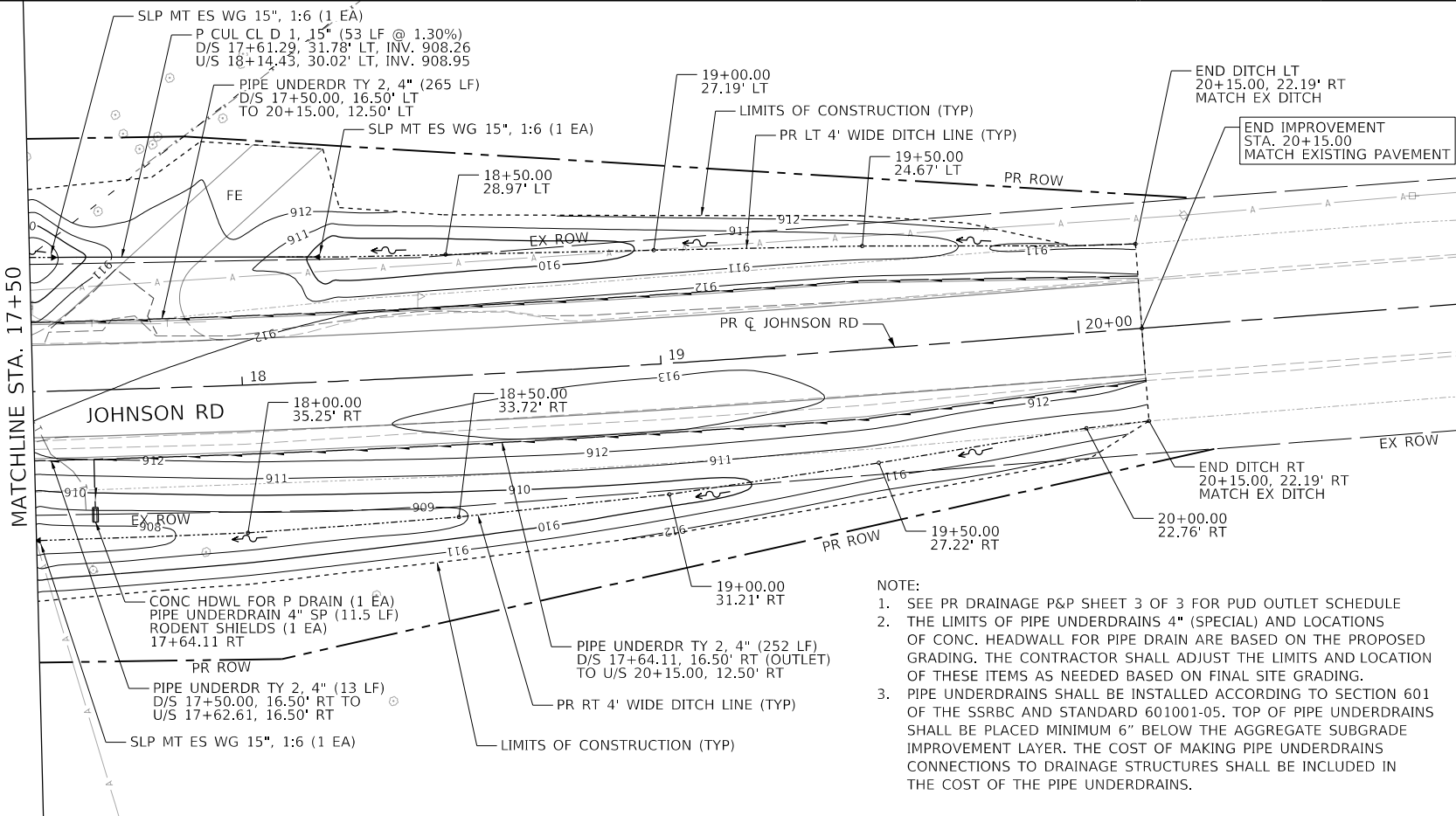
GRADES CHECKED

STRUCTURE NOTATION CHKG

NOTE BOOK

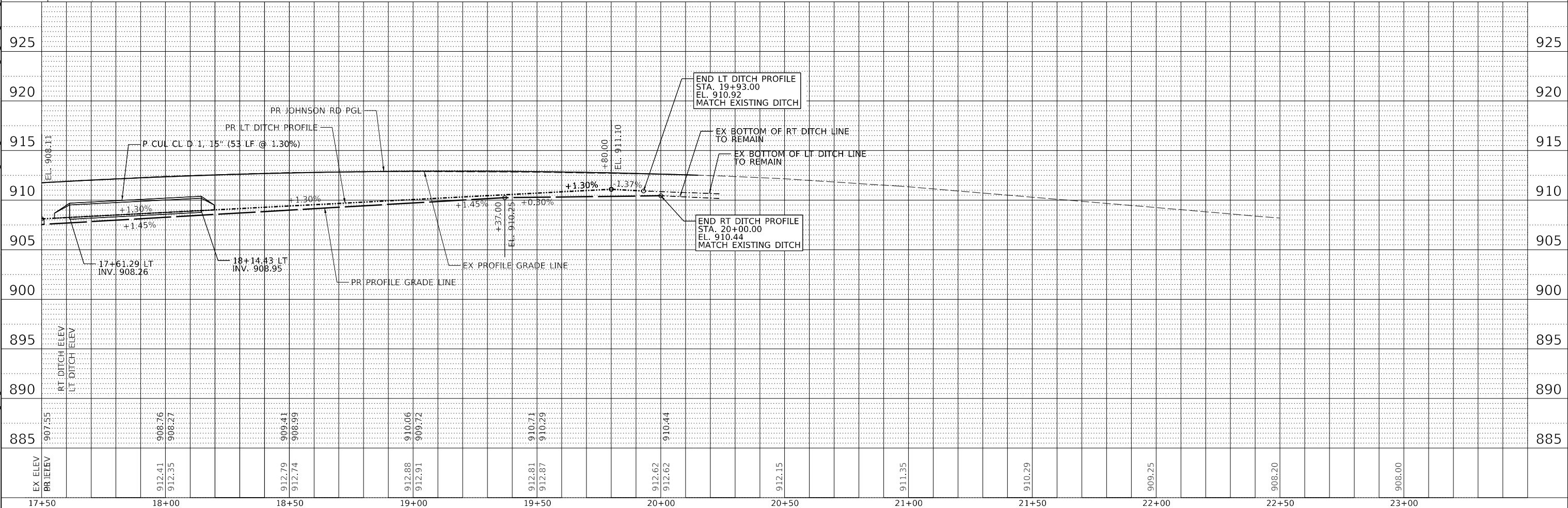
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- NOTE:
- SEE PR DRAINAGE P&P SHEET 3 OF 3 FOR PUD OUTLET SCHEDULE
 - THE LIMITS OF PIPE UNDERDRAINS 4" (SPECIAL) AND LOCATIONS OF CONC. HEADWALL FOR PIPE DRAIN ARE BASED ON THE PROPOSED GRADING. THE CONTRACTOR SHALL ADJUST THE LIMITS AND LOCATION OF THESE ITEMS AS NEEDED BASED ON FINAL SITE GRADING.
 - 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.

PIPE UNDERDRAIN OUTLET SCHEDULE							
U/S STATION	U/S OFFSET	PIPE UNDERDRAINS 4" (SPECIAL)				CONCRETE HEADWALLS FOR PIPE DRAIN (EACH)	RODENT SHIELDS (EACH)
		U/S INVERT (FT)	LENGTH (FT)	D/S INVERT (FT)	PUD SLOPE 2% MIN.		
9+27.50	16.50 LT	903.10	7	902.96	2.00%	1	1
9+49.00	16.50 RT	902.65	7	902.50	2.14%	1	1
10+98.70	16.50 LT	901.32	7	901.18	2.00%	1	1
11+32.44	16.50 RT	901.03	15	900.81	2.93%	1	2
11+70.29	16.50 LT	901.32	7	901.17	2.14%	1	1
15+73.00	20.50 LT	906.15	3	906.07	2.43%	1	1
15+78.00	20.50 RT	906.22	4	906.12	2.33%	1	1
17+47.00	16.50 LT	908.46	8.5	908.28	2.12%	1	1
17+64.11	16.50 RT	908.46	11.5	908.19	2.35%	1	1
TOTAL:		70				9	10
EXTRA FOR FIELD ADJUSTMENTS:		10					
TOTAL LENGTH:		80					



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - KLM	REVISED -
PLOT SCALE = 40,0000' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 6/2/2026	DATE = 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK PROPOSED DRAINAGE PLAN & PROFILE AND GRADING PLAN			
SCALE: 1" = 20'	SHEET 3 OF 3 SHEETS	STA. 17+50 TO STA. 20+15	

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	36
CONTRACT NO. 61L85				
ILLINOIS		FED. AID PROJECT		

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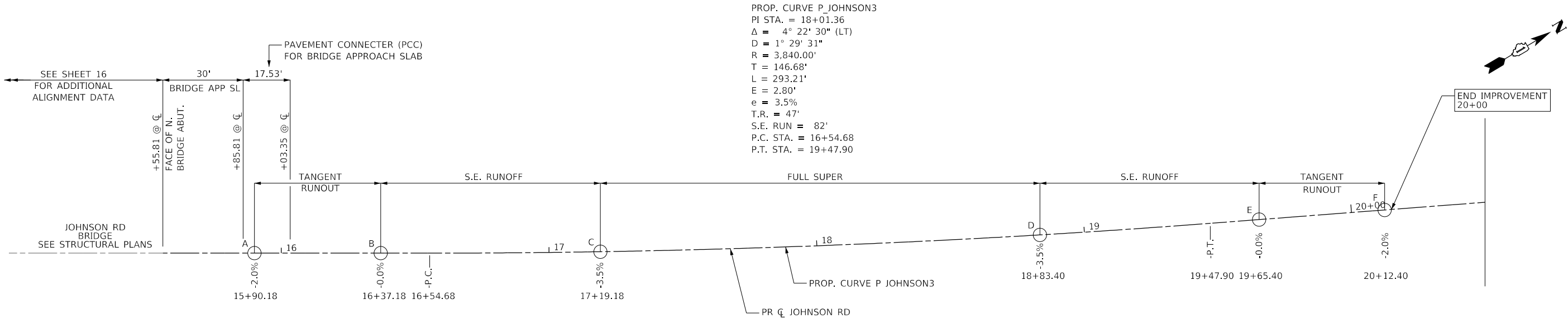
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	DRAWN - OH	REVISED -
PLOT SCALE = 40,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

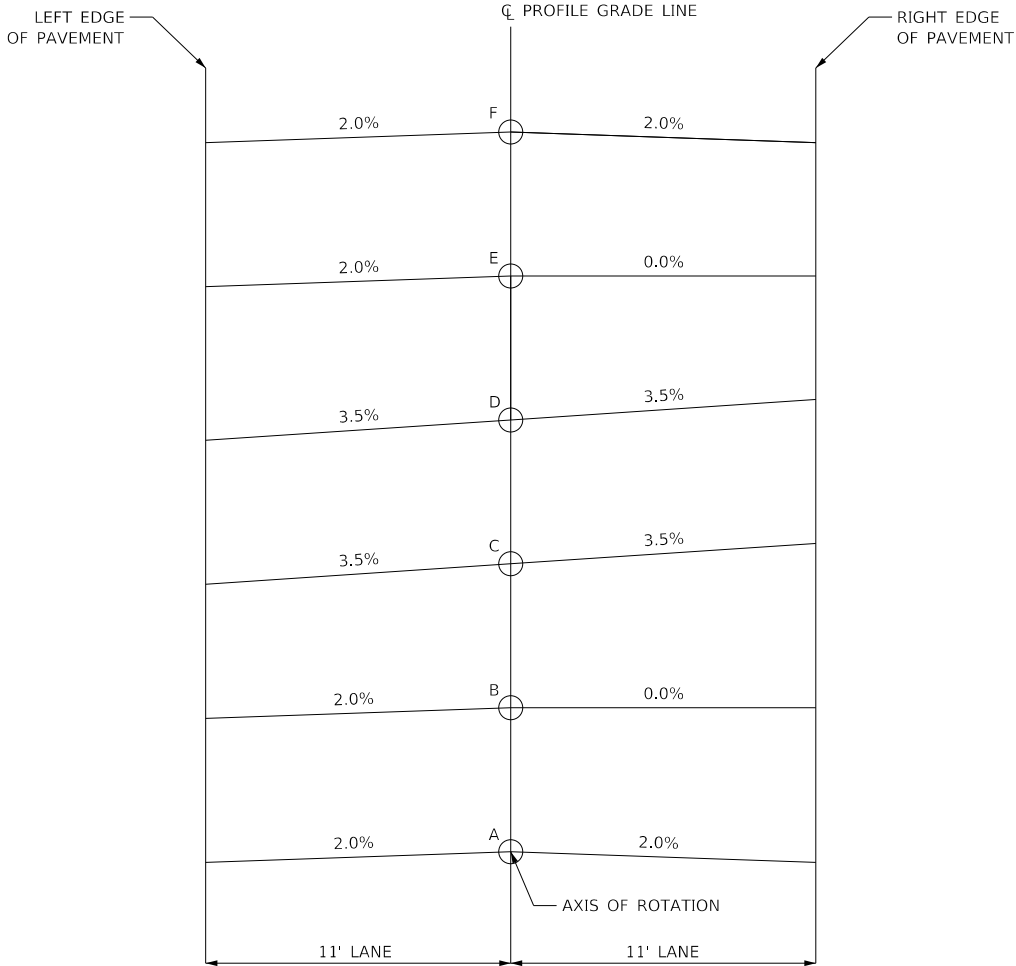
JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
SUPERELEVATION TRANSITION DETAIL & PAVEMENT ELEVATIONS

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

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	37
CONTRACT NO. 61L85				
ILLINOIS		FED. AID PROJECT		



PROP. CURVE P JOHNSON3
PI STA. = 18+01.36
 Δ = 4° 22' 30" (LT)
D = 1° 29' 31"
R = 3,840.00'
T = 146.68'
L = 293.21'
E = 2.80'
e = 3.5%
T.R. = 47'
S.E. RUN = 82'
P.C. STA. = 16+54.68
P.T. STA. = 19+47.90

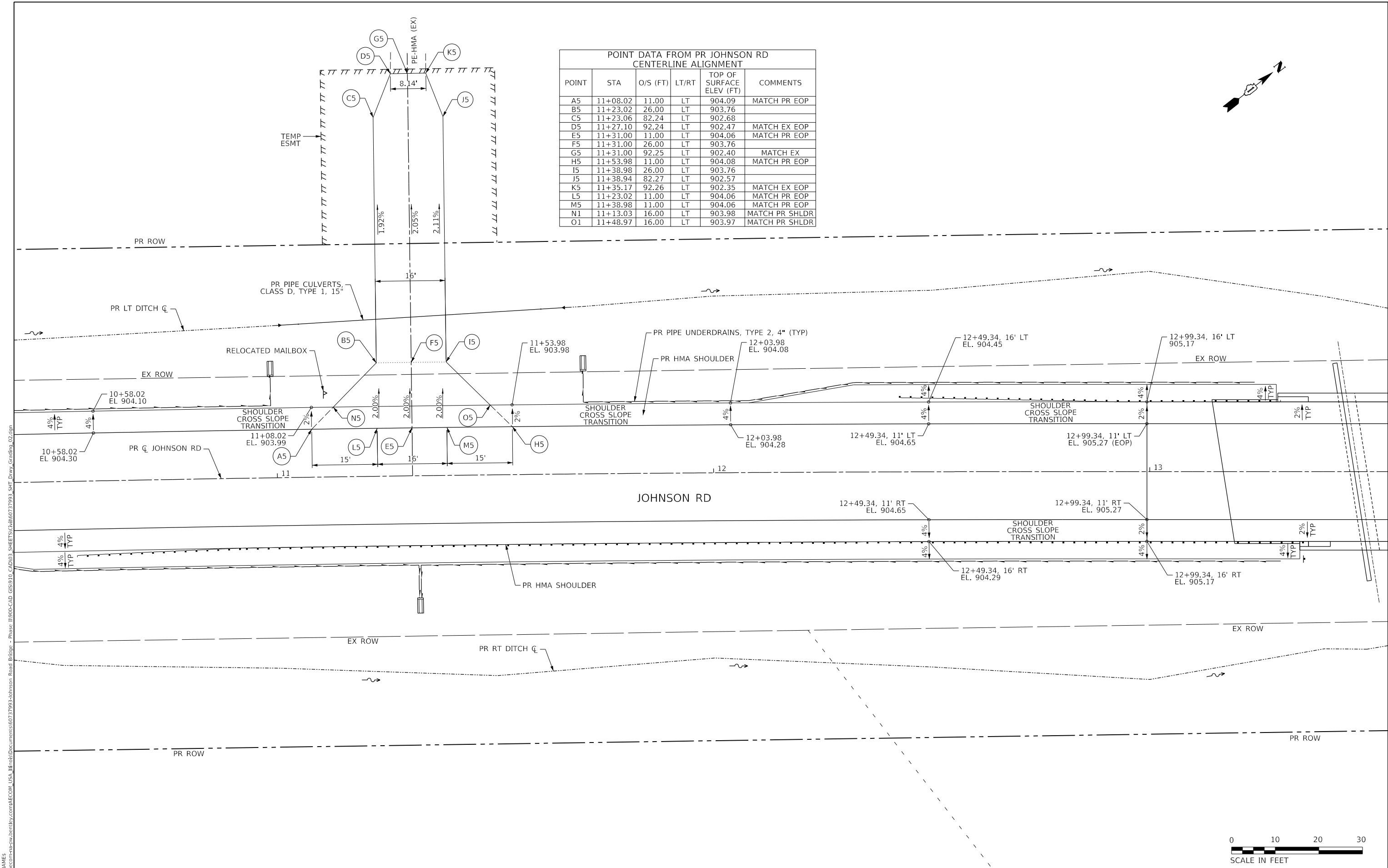


TYPICAL CROSS SECTION - S.E. TRANSITION
(LOOKING NORTHEAST)

LAYOUT & GRADES
FOR
PAVEMENT
CONNECTOR (PCC)
FOR BRIDGE
APPROACH SLAB

PAVEMENT CROSS SLOPE AND ELEVATIONS FOR JOHNSON ROAD ALONG SUPER ELEVATION								
POINT OF TRANSITION	STATION	SB LANE			NB LANE			
	JOHNSON RD	O/S (LT EOP)	%	ELEV LT EOP	PR PGL ELEV	O/S (RT EOP)	%	ELEV RT EOP
A	15+75.00	11.00	-2.00%	909.10	909.32	11.00	-2.00%	909.10
	15+84.00	11.00	-2.00%	909.23	909.45	-	-	-
	15+85.81	0.00	-	-	909.47	0.00	-	-
	15+87.55	-	-	-	909.50	11.00	-2.00%	909.28
	15+90.18	11.00	-2.00%	909.31	909.53	11.00	-2.00%	909.31
B	16+00.00	11.00	-2.00%	909.45	909.67	11.00	-1.58%	909.49
	16+03.35	11.00	-2.00%	909.50	909.72	11.00	-1.44%	909.56
	16+25.00	11.00	-2.00%	909.80	910.02	11.00	-0.52%	909.96
	16+37.18	11.00	-2.00%	909.97	910.19	11.00	0.00%	910.19
	16+50.00	11.00	-2.23%	910.12	910.36	11.00	0.55%	910.42
C	16+75.00	11.00	-2.69%	910.42	910.71	11.00	1.61%	910.89
	17+00.00	11.00	-3.15%	910.71	911.06	11.00	2.68%	911.35
	17+19.18	11.00	-3.50%	910.94	911.33	11.00	3.50%	911.71
	17+25.00	11.00	-3.50%	911.02	911.41	11.00	3.50%	911.79
	17+50.00	11.00	-3.50%	911.37	911.75	11.00	3.50%	912.14
D	17+75.00	11.00	-3.50%	911.70	912.08	11.00	3.50%	912.47
	18+00.00	11.00	-3.50%	911.97	912.35	11.00	3.50%	912.74
	18+25.00	11.00	-3.50%	912.19	912.57	11.00	3.50%	912.96
	18+50.00	11.00	-3.50%	912.35	912.74	11.00	3.50%	913.12
	18+75.00	11.00	-3.50%	912.47	912.85	11.00	3.50%	913.24
E	18+83.40	11.00	-3.50%	912.49	912.88	11.00	3.50%	913.26
	19+00.00	11.00	-3.20%	912.56	912.91	11.00	2.79%	913.22
	19+25.00	11.00	-2.74%	912.62	912.92	11.00	1.72%	913.11
	19+50.00	11.00	-2.28%	912.62	912.87	11.00	0.66%	912.95
	19+65.40	11.00	-2.00%	912.60	912.82	11.00	0.00%	912.82
F	19+75.00	11.00	-2.00%	912.55	912.77	11.00	-0.41%	912.73
	20+00.00	11.00	-2.00%	912.40	912.62	11.00	-1.47%	912.46
	20+15.00	11.00	-2.00%	MATCH EX	912.52	11.00	-2.00%	MATCH EX

POINT DATA FROM PR JOHNSON RD CENTERLINE ALIGNMENT					
POINT	STA	O/S (FT)	LT/RT	TOP OF SURFACE ELEV (FT)	COMMENTS
A5	11+08.02	11.00	LT	904.09	MATCH PR EOP
B5	11+23.02	26.00	LT	903.76	
C5	11+23.06	82.24	LT	902.68	
D5	11+27.10	92.24	LT	902.47	MATCH EX EOP
E5	11+31.00	11.00	LT	904.06	MATCH PR EOP
F5	11+31.00	26.00	LT	903.76	
G5	11+31.00	92.25	LT	902.40	MATCH EX
H5	11+53.98	11.00	LT	904.08	MATCH PR EOP
I5	11+38.98	26.00	LT	903.76	
J5	11+38.94	82.27	LT	902.57	
K5	11+35.17	92.26	LT	902.35	MATCH EX EOP
L5	11+23.02	11.00	LT	904.06	MATCH PR EOP
M5	11+38.98	11.00	LT	904.06	MATCH PR EOP
N1	11+13.03	16.00	LT	903.98	MATCH PR SHLDR
O1	11+48.97	16.00	LT	903.97	MATCH PR SHLDR



MODEL: SHORTEL NAMES
FILE: \\miller-prod\workspace\benley.com\AECOM_USA_Jill\proj\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\10-CAD\03-SHEETS\civil\60737993-SHT_Dwgs_Grading_02.dgn

AECOM

ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 375-7700

USER NAME	= ken.moy	DESIGNED -	KLM	REVISED -	
		DRAWN -	OH	REVISED -	
PLOT SCALE	= 20,0000 ' / In.	CHECKED -	ATB	REVISED -	
PLOT DATE	= 6/2/2026	DATE	= 6/08/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK DRIVEWAY & SHOULDER GRADING DETAILS			
SCALE: 1" = 10'	SHEET 2	OF 4 SHEETS	STA. TO STA.

C.H.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	39
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

POINT DATA FROM PR DRIVEWAY AT STA 17+12 LT & PR JOHNSON RD CENTERLINE ALIGNMENT					
POINT	STA	O/S (FT)	LT/RT	TOP OF SURFACE ELEV (FT)	COMMENTS
A6	16+94.25	11.00	LT	910.64	MATCH PR EOP
B6	16+98.06	16.00	LT	910.49	MATCH PR SHLDR
C6	17+01.11	20.00	LT	910.45	MATCH DW EOP
D6	0+25.38	6.91	LT	910.53	
E6	0+43.47	5.19	LT	911.30	PR EOP PT
F6	0+59.20	4.87	LT	911.67	MATCH EX EOP
G6	17+12.30	11.00	LT	910.86	MATCH PR EOP
H6	0+26.01	0.00	-	910.66	
I6	0+50.35	0.00	-	911.57	PR CL PT
J6	0+61.28	0.00	-	911.74	MATCH EX
K6	17+35.37	11.00	LT	911.17	MATCH PR EOP
L6	17+30.39	16.00	LT	910.90	MATCH PR SHLDR
M6	0+18.05	0.00	-	910.59	PR CL PC
N6	0+26.86	7.56	RT	910.81	PT
O6	0+63.36	4.88	RT	911.80	MATCH EX EOP
P6	17+04.59	11.00	LT	910.77	MATCH PR EOP
Q6	17+20.35	11.00	LT	910.96	MATCH PR EOP
R6	17+12.30	16.00	LT	910.66	MATCH PR SHLDR
S6	0+20.98	0.00	-	910.56	PR CL LOW POINT
T6	0+20.98	10.17	LT	910.44	DW APRON LOW PT

PROP. CURVE DW_STA 17+12 LT
PI STA. = 0+34.42
 $\Delta = 23^{\circ} 07' 57''$ (RT)
 $D = 71^{\circ} 37' 11''$
 $R = 80.00'$
 $T = 16.37'$
 $L = 32.30'$
 $E = 1.66'$
 $e = NA$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA. = 0+18.05$
 $P.T. STA. = 0+50.35$

POINT DATA FROM PR DRIVEWAY AT STA 17+59 LT & PR JOHNSON RD CENTERLINE ALIGNMENT					
POINT	STA	O/S (FT)	LT/RT	TOP OF SURFACE ELEV (FT)	COMMENTS
A7	17+36.86	11.00	LT	911.19	MATCH PR EOP, PC
B7	17+55.03	16.00	LT	911.24	MATCH PR SHLDR
C7	0+22.94	6.00	LT	911.28	PT
D7	0+81.11	6.00	LT	912.36	MATCH EX
E7	17+59.23	11.00	LT	911.50	MATCH PR EOP
F7	0+86.95	0.00	-	912.41	MATCH EX
G7	17+95.81	11.00	LT	911.93	MATCH PR EOP, PC
H7	17+87.11	16.00	LT	911.63	MATCH PR SHLDR
I7	0+51.06	6.00	RT	911.74	PT
J7	0+92.21	6.00	RT	912.43	MATCH EX EOP
K7	17+65.08	16.00	LT	911.37	MATCH PR SHLDR
L7	0+32.31	0.00	-	911.31	PR CL LOW POINT
M7	0+32.31	6.00	LT	911.22	DW APRON LOW PT

PROP. CURVE DW_STA 17+18 RT
PI STA. = 0+35.68
 $\Delta = 18^{\circ} 37' 31''$ (RT)
 $D = 52^{\circ} 05' 13''$
 $R = 110.00'$
 $T = 18.04'$
 $L = 35.76'$
 $E = 1.47'$
 $e = NA$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA. = 0+17.64$
 $P.T. STA. = 0+53.40$

POINT DATA FROM PR DRIVEWAY AT STA 17+18 RT & PR JOHNSON RD CENTERLINE ALIGNMENT					
POINT	STA	O/S (FT)	LT/RT	TOP OF SURFACE ELEV (FT)	COMMENTS
A8	16+82.44	11.00	RT	911.01	MATCH PR EOP, PC
B8	16+97.90	16.00	RT	911.12	MATCH PR SHLDR
C8	0+42.73	9.14	LT	910.99	PT
D8	0+10.57	6.05	LT	911.40	MATCH EX EOP
E8	17+18.05	11.00	RT	911.69	MATCH PR EOP
F8	0+53.40	0.00	-	911.35	PR CL PT
G8	0+17.64	0.00	-	911.23	PR CL PC
H8	0+08.52	0.00	-	911.30	MATCH EX
I8	17+58.25	11.00	RT	912.25	MATCH PR EOP, PC
J8	17+41.78	16.00	RT	911.83	MATCH PR SHLDR
K8	0+23.60	7.56	RT	911.13	PC
L8	0+06.54	5.83	RT	911.20	MATCH EX EOP
M8	0+38.36	8.14	LT	910.99	DW APRON LOW PT
N8	0+38.36	0.00	-	911.07	PR CL LOW POINT
O8	0+38.36	10.66	RT	911.18	

PR DRIVEWAY ALIGNMENT DATA (THIS SHEET ONLY)				
PR DRIVEWAY STA 17+12.05 LT ALIGNMENT COORDINATES				
POINT	DESCRIPTION	STATION	NORTHING	EASTING
POT	CURVE DW_STA 17+12 LT	0+00.00	2,101,894.35	950,735.49
PC		0+18.05	2,101,905.24	905,721.10
PI		0+34.42	2,101,915.11	950,708.04
PT		0+50.35	2,101,929.33	950,699.91
POT		0+76.90	2,101,952.37	950,686.73
PR DRIVEWAY STA 17+18.05 RT ALIGNMENT COORDINATES				
POT	CURVE DW_STA 17+18 RT	0+00.00	2,101,864.96	950,802.96
PC		0+17.64	2,101,870.52	950,786.22
PI		0+35.68	2,101,876.21	950,769.10
PT		0+53.40	2,101,887.07	950,754.70
POT		0+73.11	2,101,898.94	950,738.96
PR DRIVEWAY STA 17+59.23 RT ALIGNMENT COORDINATES				
POT		0+00.00	2,101,921.68	950,755.98
POT		0+92.21	2,102,013.64	950,749.09

MODEL: SHODLNAME
FILE: \\aecom\share\dw\benley\com\AECOM_USA\Illinois\Documents\60737993-Johnson Road Bridge - Phase II\000-CAD GIS\010-CAD\03-SHEETS\civil\60737993-SHT Dwyw Grading_03.dgn



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
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PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

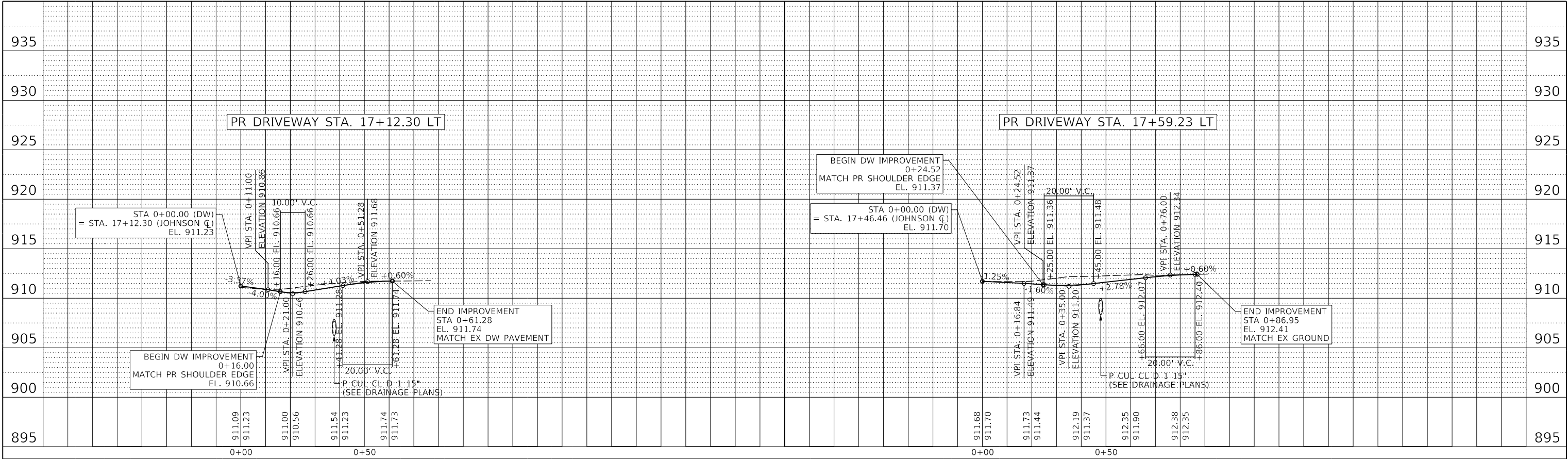
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
DRIVEWAY AND SHOULDER GRADING DETAILS

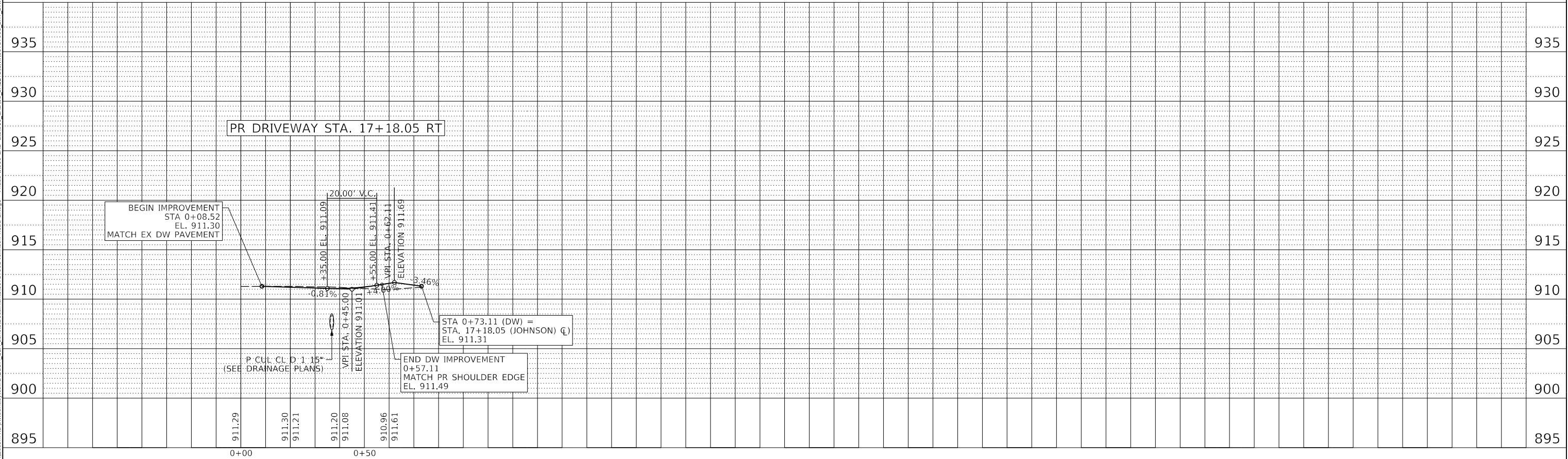
SCALE: 1" = 10' SHEET 3 OF 4 SHEETS STA. TO STA.

C.H.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0032277	18-00488-00-BR	MCHENRY	117	40
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

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



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



MODEL \$MODELNAME\$
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USER NAME	= ken,moy	DESIGNED	- KLM	REVISED	-
		DRAWN	- KLM	REVISED	-
PLOT SCALE	= 40,0000 ' / In.	CHECKED	- JG	REVISED	-
PLOT DATE	= 6/2/2026	DATE	- 6/08/2026	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK DRIVEWAY PROFILES				C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1" = 20'				0027	18-00488-00-BR	MCHENRY	117	41
SHEET 4 OF 4 SHEETS				CONTRACT NO. 61L85				
STA. TO STA.				ILLINOIS FED. AID PROJECT				

MODEL: SHOMELNAMES
FILE: \\miller-prod\com\paw.bentley.com\AECOM_USA_Jill\proj\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\010_CAD\03_SHEETS\cld\60737993_SHT_PavMk-Marking_01.dgn



ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 375-7700

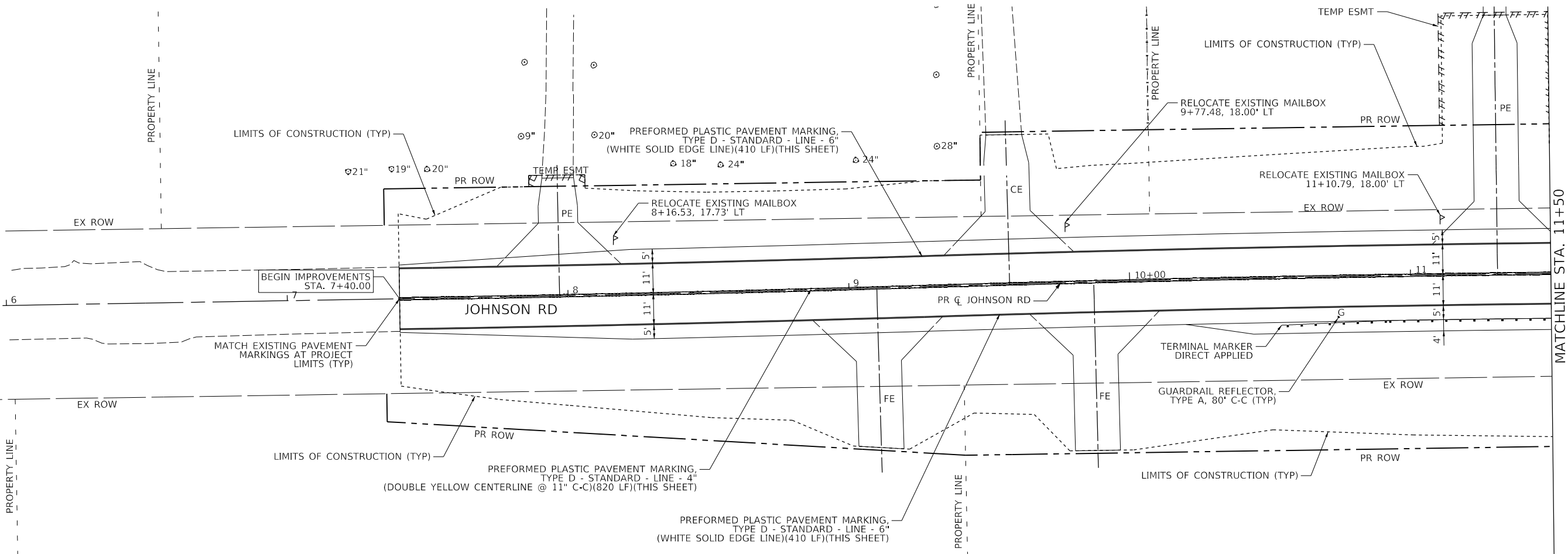
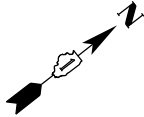
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	DRAWN - OH	REVISED -
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PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
PAVEMENT MARKING AND SIGNING PLAN

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

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	42
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



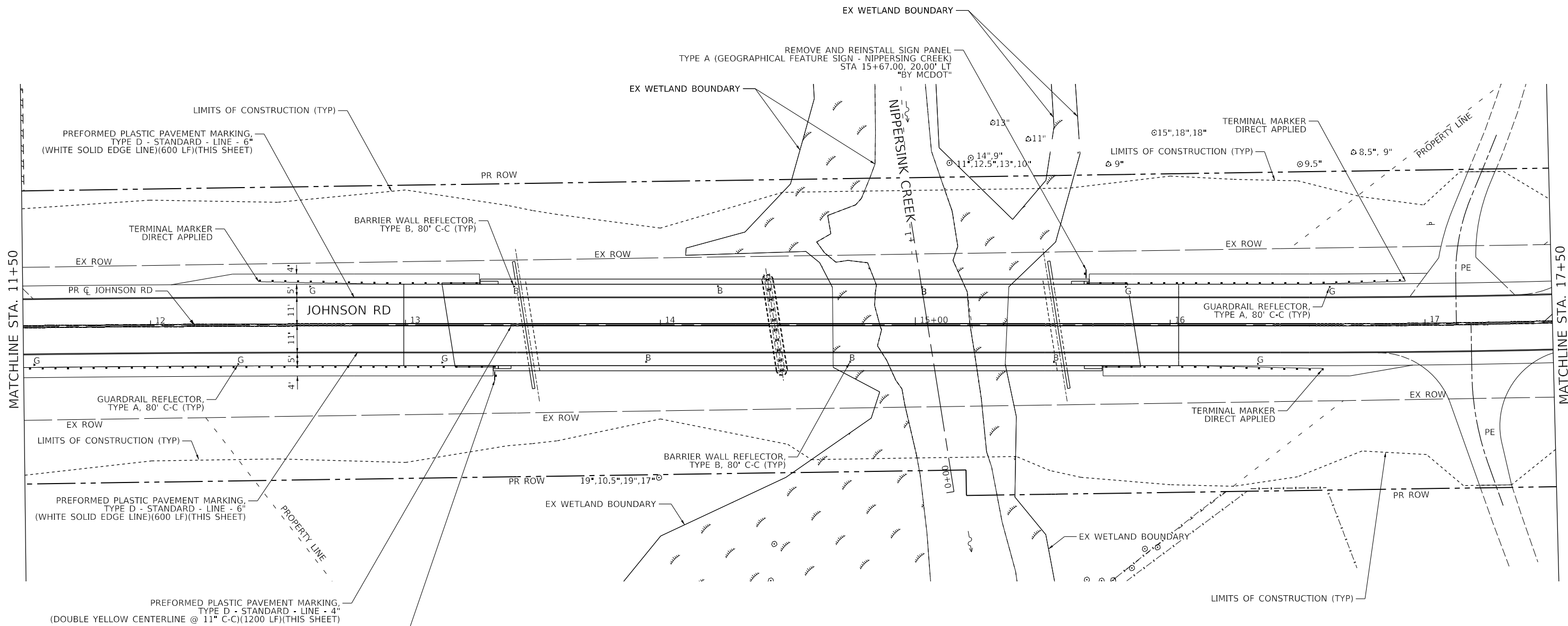
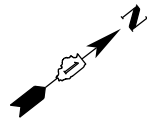
LEGEND

- G GUARDRAIL REFLECTORS, TY A
- B BARRIER WALL REFLECTORS, TY B
- P MAILBOX (RELOCATED)

NOTES:

- A RECESSED GROOVE SHALL BE CONSTRUCTED ON HMA PAVEMENT "ONLY" PRIOR TO THE PLACEMENT OF THE PAVEMENT MARKINGS. NO RECESSED GROOVE SHALL BE CONSTRUCTED ON ANY PCC TYPE PAVEMENT SURFACE.
- ALL PAVEMENT MARKINGS ON THE COUNTY HIGHWAY SHALL BE PREFORMED PLASTIC, TYPE D.





LEGEND

- G GUARDRAIL REFLECTORS, TY A
B BARRIER WALL REFLECTORS, TY B
P MAILBOX (RELOCATED)

NOTES:

- A RECESSED GROOVE SHALL BE CONSTRUCTED ON HMA PAVEMENT "ONLY" PRIOR TO THE PLACEMENT OF THE PAVEMENT MARKINGS. NO RECESSED GROOVE SHALL BE CONSTRUCTED ON ANY PCC TYPE PAVEMENT SURFACE.
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MODEL: SHOMELMAMES
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USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 40,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

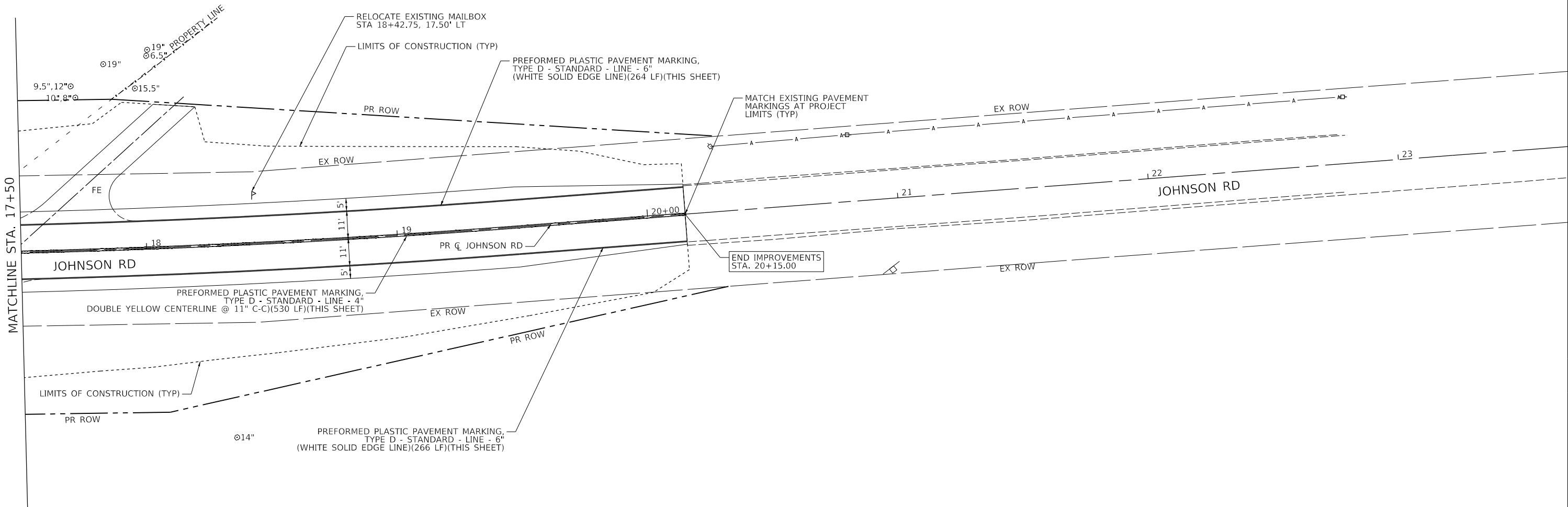
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	43
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

MODEL: SH06ELM1M1ES
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LEGEND

- ⌈ GUARDRAIL REFLECTORS, TY A
- ⌋ BARRIER WALL REFLECTORS, TY B
- ⌋ MAILBOX (RELOCATED)

NOTES:

1. A RECESSED GROOVE SHALL BE CONSTRUCTED ON HMA PAVEMENT "ONLY" PRIOR TO THE PLACEMENT OF THE PAVEMENT MARKINGS. NO RECESSED GROOVE SHALL BE CONSTRUCTED ON ANY PCC TYPE PAVEMENT SURFACE.
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USER NAME = ken,moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 40,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 7/6/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
PAVEMENT MARKING AND SIGNING PLAN

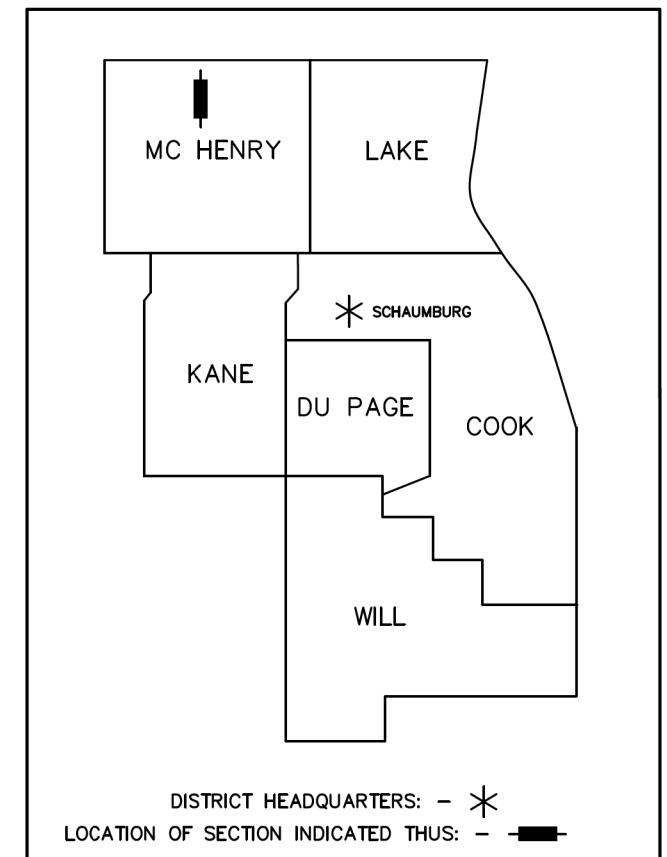
SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	44
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

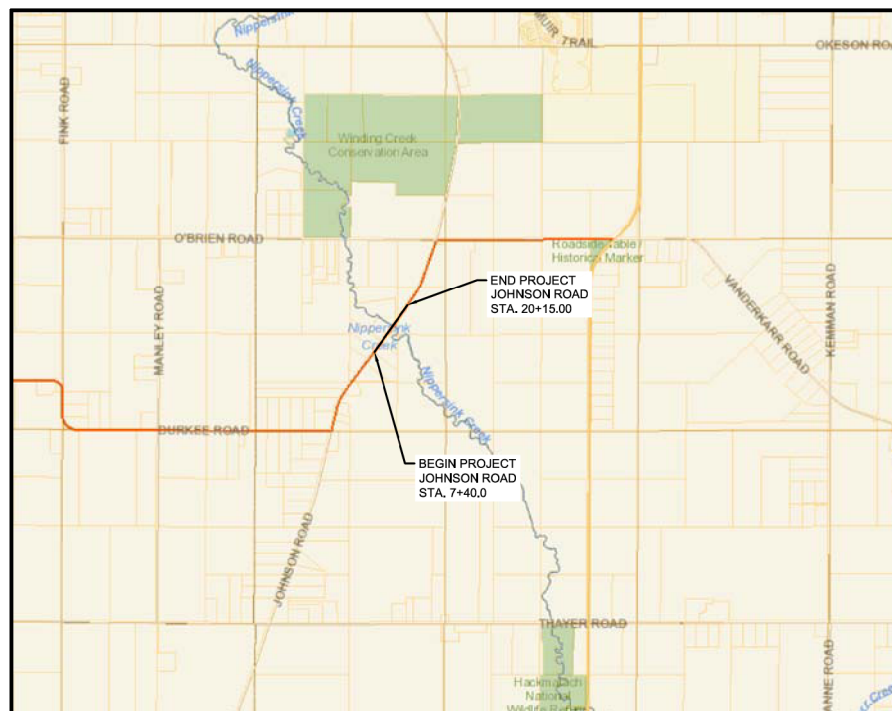
PLAT OF HIGHWAYS

ROUTE: JOHNSON ROAD
SECTION: 18-00-488-00-BR
COUNTY: McHENRY
LIMITS: JOHNSON ROAD OVER NIPPERSINK CREEK
JOB NO.: R - 55 - 001 - 97



PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
J0001	Steve Manninen an Unmarried Man	1	
J0002 J0002TE	Julia Figueroa and Arturo Figueroa Husband and Wife as Tenants by the Entirety	2	
J0003	John P Huff and Gretchen R Huff Husband and Wife as Tenants by the Entirety	3	
J0004	Patricia A Krysiak as Trustee under a Trust Agreement dated March 26, 2008 known as the Patricia A Krysiak Revocable Living Trust dated March 26, 2008	4	
J0005 J0005TE	Brock Nenn and Stephanie Marie Nenn in Tenants by the Entirety	5	
J0006	David A Cleveland and Betty Ann Cleveland Trustees under the David A Cleveland and Betty Ann Cleveland Revocable Declaration of Trust dated August 18th 2004 as tenants by the entirety	6	
J0007	Heirs of Gary Aavang deceased as to an undivided 1/2 interest and Michele Aavang as to an undivided 1/2 interest	7	



LOCATION MAP

GROSS LENGTH = 1275.00 FT. = 0.241 MILE , JOHNSON ROAD

RETURN ORIGINAL TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG ILLINOIS, 60169
ATTN: BUREAU OF LAND ACQUISITION

IDOT USE ONLY

PART OF THE SOUTHEAST QUARTER OF SECTION 30, TWP. 46 N., R. 7 E., OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

SEE SHEET 2

PIN 03 - 30 - 400 - 014

SEE SHEET 4

PIN 03 - 30 - 400 - 015

PIN 03 - 30 - 400 - 010

PIN 03 - 30 - 400 - 008

PIN 03 - 30 - 400 - 009

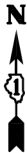
PIN 03 - 30 - 400 - 004

LEGEND



SECTION CORNER

QUARTER SECTION CORNER



GRAPHIC SCALE
FEET
0 50
SCALE: 1" = 50'

	SECTION / QUARTER SECTION LINE
	PLATTED LOT LINES
	PROPERTY (DEED) LINE
	APL
	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:
1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE 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 0.99993815.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS)
COUNTY OF DuPAGE) SS

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 30, TOWNSHIP 46 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 10th. DAY OF DECEMBER, 2024 A.D.

Dominic J. Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE: NOVEMBER 30, 2026



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

Marchese and Sons, Inc.

land marine construction surveys
10 MONACO DRIVE, ROSELLE IL 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
JOHNSON ROAD

LIMITS: JOHNSON ROAD OVER HIPPERCREEK CREEK COUNTY: McHENRY
SECTION: 18-00-488-00-BR JOB NO.: R-55-001-97
STA. 5+00.00 TO STA. 10+00.00
SCALE: 1" = 50' SHEET 1 OF 7 SHEETS

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

TOTAL SHEETS 117 SHEET NO. 46

CONTRACT NO. 61L85

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ JOHNSON ROAD				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
6801	7+51.83	0.00'	2101131.0034	950152.6600
6804	9+26.44	0.00'	2101271.1938	950256.7511
6914	7+34.86	33.74' RT.	2101097.1498	950169.4034
6915	7+34.84	43.74' RT.	2101091.1169	950177.3787
6916	9+39.77	60.55' RT.	2101246.1325	950313.4477
6917	9+40.02	35.55' RT.	2101261.1158	950293.4348
7087	6+02.61	3.46' RT.	2101009.7263	950065.6483
7089	9+40.31	5.47' RT.	2101279.1433	950269.3557
7105	6+02.57	33.46' RT.	2100991.6445	950089.5868

PROPOSED JOHNSON ROAD
CURVE DATA
C1
Δ = 00° 47' 16" (LT)
D = 00° 27' 04"
R = 12,700.00'
T = 87.31'
L = 174.61'
E = 0.30'
P.C. STA. = 7+51.83 = 6801
P.R.C. STA. = 9+26.44 = 6804

Large Nail Set is 3.02'
South and 0.83' West

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
J0001	5.480	0.316	0.233	5.164	NA	NA	03-30-400-010

REVISION DATE: / / REVISION MADE BY:

PART OF THE NORTHWEST QUARTER AND THE SOUTHEAST QUARTER OF SECTION 30, TWP. 46 N., R. 7 E.,
OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

SEE SHEET 3

SEE SHEET 5

SEE SHEET 4

SEE SHEET 1

LEGEND



SECTION
CORNER

16

15

14

13

12

11

10

9

8

7

6

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PART OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER AND THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 30, TWP. 46 N., R. 7 E., OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND



SECTION CORNER



QUARTER SECTION CORNER



GRAPHIC SCALE
FEET
0 10 20
SCALE: 1" = 80'

- 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.
- BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE 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 0.99993815.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".
- FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS } SS
COUNTY OF DuPAGE }

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 30, TOWNSHIP 46 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 10th. DAY OF DECEMBER, 2024 A.D.

Dominic J. Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE: NOVEMBER 30, 2026



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

Marchese and Sons, Inc.

land marine construction surveys
10 MONACO DRIVE, ROSELLE IL 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
JOHNSON ROAD

LIMITS: JOHNSON ROAD OVER NIPPERSINK CREEK COUNTY: McHENRY
SECTION: 18-00-488-00-BR JOB NO.: R-55-001-97
STA. 9+00.00 TO STA. 11+00.00
SCALE: 1" = 80' SHEET 3 OF 7 SHEETS

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

CONTRACT NO. 61L85 TOTAL SHEETS 117 SHEET NO. 48

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE ~ JOHNSON ROAD				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
6804	9+26.44	0.00' LT.	2101271.1938	950256.7511
6808	12+79.93	0.00' LT.	2101553.1888	950469.8716
6906	9+47.97	37.35' LT.	2101310.6680	950239.3852
6907	9+48.21	54.35' LT.	2101320.9291	950225.8312
6908	10+07.92	53.67' LT.	2101368.7785	950262.0267
7096	9+47.35	5.57' RT.	2101284.7624	950273.6044
7097	10+07.40	6.24' RT.	2101332.6340	950309.8003
7109	9+47.78	24.43' LT.	2101302.8701	950249.6856

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
J0003	9.047	0.083	0.041	8.964	NA	NA	03-30-200-009

LINE LEGEND ~ PARCEL T0001		
LINE	LENGTH	BEARING
A	59.92'	N 52°-52'-21" W
B	60.00'	N 37°-06'-20" E
C	59.91'	S 52°-53'-23" E
D	60.02'	S 37°-05'-35" W
E	(60.00')	NA

DETAIL "A"

PARCEL J0003

JOHNSON ROAD

SEE SHEET 6

PIN 03 - 30 - 200 - 008

SEE SHEET 5

PIN 03 - 30 - 200 - 011

SEE SHEET 4

PIN 03 - 30 - 400 - 015

REVISION DATE:

REVISION MADE BY:

PART OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF SECTION 30,
TWP. 46 N., R. 7 E., OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

EAST LINE OF THE SOUTHWEST QUARTER OF THE NORTHEAST
QUARTER OF SECTION 30, TOWNSHIP 46 NORTH, RANGE 7 EAST

Iron Rod Found is 29.75' Northwest (perpendicular) to Centerline and
0.25' Southeast of Existing R.O.W. and 0.69' West of Division Line

SEE SHEET 6

PIN 03 - 30 - 200 - 008

Iron Pipe Found is 29.76' Northwest (perpendicular) to Centerline and
0.24' Southeast of Existing R.O.W. and On Property Line

Proposed Centerline
PC STA. 16+54.69
S 00°-05'-51" W 108.39'

Iron Rod Found on the Centerline
of Johnson Road is 0.08' East

49.85'
S 00°-05'-51" W
Iron Rod Found is 30.83'
Southeast (perpendicular) to
Centerline and 0.83' Southeast
of Existing R.O.W. and
0.74' West of Section Line

SEE SHEET 7

PIN 03 - 30 - 200 - 006

SEE SHEET 3

PIN 03 - 30 - 200 - 009

PIN 03 - 30 - 200 - 011

PIN 03 - 30 - 200 - 013

PIN 03 - 30 - 400 - 015

PIN 03 - 30 - 400 - 004

SEE SHEET 2

PIN 03 - 30 - 400 - 014

PIN 03 - 30 - 400 - 013

SEE SHEET 1

PIN 03 - 30 - 400 - 010

PIN 03 - 30 - 400 - 016

PIN 03 - 30 - 400 - 008

LEGEND



SECTION
CORNER



QUARTER
SECTION
CORNER



GRAPHIC SCALE
FEET
0 20 40
SCALE: 1" = 60'

- 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:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE
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 0.99993815.
4. AREAS SHOWN ON THIS PLAT ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS }
COUNTY OF DuPAGE } SS

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS
PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER
184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN
SECTION 30, TOWNSHIP 46 NORTH, RANGE 7 EAST OF THE THIRD
PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND
COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT
THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS
FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE
POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT
TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT
OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 10th. DAY OF DECEMBER, 2023 A.D.

Dominic J. Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE: NOVEMBER 30, 2026

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

Marchese and Sons, Inc.

land marine construction surveys
10 MONACO DRIVE, ROSELLE IL 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
JOHNSON ROAD

LIMITS: JOHNSON ROAD OVER NIPPERSINK CREEK COUNTY: McHENRY
SECTION: 18-00-488-00-BR JOB NO.: R-55-001-97
STA. 9+00.00 TO STA. 18+00.00
SCALE: 1" = 60' SHEET 4 OF 7 SHEETS

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

TOTAL
SHEETS
117

SHEET
NO.
49

CONTRACT NO. 61L85

LINE LEGEND ~ JOHNSON ROAD	
LINE	BEARING
A	S 53°-10'-43" E
B	N 53°-10'-43" W
C	S 53°-10'-43" E
D	N 53°-10'-43" W

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
COORDINATE TABLE ~ JOHNSON ROAD			
PT. NO.	STATION	OFFSET	EASTING
6804	9+26.44	0.00'	2101271.1938
6808	12+79.93	0.00'	2101553.1888
6813	16+54.68	0.00'	2101848.6836
6916	9+39.78	80.55' RT.	2101246.1325
6917	9+40.02	35.55' RT.	2101261.1158
6918	15+19.93	56.91' RT.	2101707.4003
6919	15+20.08	66.91' RT.	2101701.3675
6920	16+22.06	65.39' RT.	2101782.7104
6921	18+06.90	65.66' RT.	2101932.1854
7089	9+40.31	5.47' RT.	2101279.1433
7098	17+07.64	0.78' LT.	2101891.1048

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
J0004	5.071	0.950	0.515	4.121	NA	NA	03-30-400-015 03-30-200-013

PROPOSED JOHNSON ROAD
CURVE DATA
C2
Δ = 01° 45' 40" (RT)
D = 00' 29" 54"
R = 11,500.00'
T = 176.756'
L = 353.471'
E = 1.358'
P.R.C. STA. = 9+26.44 = 6804
P.T. STA. = 12+79.93 = 6808

IDOT USE ONLY

REVISION DATE: / / REVISION MADE BY:

THAT PART OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 30, TWP. 46 N., R. 7 E., OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

PIN 03 - 30 - 200 - 014

PIN 03 - 30 - 200 - 015

POINT OF COMMENCEMENT PARCEL J0006
NORTHWEST CORNER OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 30, TOWNSHIP 46 NORTH, RANGE 7 EAST

S 89°-43'-08" E
(Record = 1318.89)
1318.47'

IRON ROD FOUND AT THE NORTHEAST CORNER OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 30, TOWNSHIP 46 NORTH, RANGE 7 EAST

1251.58'
S 89°-43'-08" E

NORTH LINE OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 30, TOWNSHIP 46 NORTH, RANGE 7 EAST

Iron Rod Found is 103.46' South and 0.04' East

Iron Rod Found is 194.39' South and 0.08' West

PROLONGATION ANGLE OF RECORD = 99°-50'-00"

PIN 03 - 30 - 200 - 007

1148.19'
S 80°-15'-51" W
(1140.00')

PARCEL TWO - DEED IN TRUST - WARRANTY RECORDED
AUGUST 29, 2014 AS DOCUMENT NUMBER 2014R0029067

PIN 03 - 30 - 200 - 008

PIN 03 - 30 - 200 - 009

PIN 03 - 30 - 400 - 014

SEE SHEET 5
PIN 03 - 30 - 200 - 011

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE - JOHNSON ROAD				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
6806	12+79.93	0.00' LT.	2101553.1888	950469.8716
6813	16+54.68	0.00' LT.	2101846.6536	950700.3911
7095	15+00.66	1.99' RT.	2101725.3999	950607.2186
7098	17+07.64	0.78' LT.	2101891.1048	950732.0627
7110	14+96.69	57.75' LT.	2101759.6185	950557.6758
7111	14+96.67	27.98' LT.	2101742.8604	950582.3643
8019	16+86.84	60.45' LT.	2101910.8794	950672.0963
8020	17+88.11	59.79' LT.	2101990.3769	950732.2317

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
J0006	22.134	0.341	0.157	21.793	NA	NA	03-30-200-007 03-30-200-008

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

GRAPHIC SCALE
FEET
0 10 20 30 40 50 60
SCALE: 1" = 60'

- 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
- "MAG" NAIL SET
- 5/8" REBAR SET

- SURVEY NOTES:
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE 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 0.99993815.
 - AREAS SHOWN ON THIS PLAT ARE "GROUND".
 - FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

STATE OF ILLINOIS } SS
COUNTY OF DuPAGE }

THIS IS TO CERTIFY THAT WE, MARCHESE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-002762, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 30, TOWNSHIP 46 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 24th. DAY OF DECEMBER, 2024 A.D.

Dominic J. Marchese

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE: NOVEMBER 30, 2026

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

Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS

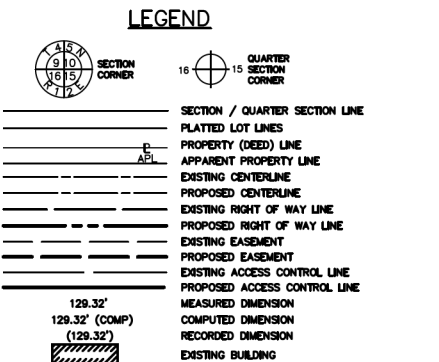
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
JOHNSON ROAD

LIMITS: JOHNSON ROAD OVER NIPPERSINK CREEK COUNTY: McHENRY
SECTION: 18-00-488-00-BR JOB NO.: R-55-001-97
STA. 14+00.00 TO STA. 18+00.00
SCALE: 1" = 60' SHEET 6 OF 7 SHEETS

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

CONTRACT NO. 61L85 TOTAL SHEETS 117 SHEET NO. 51

PART OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 30, TWP. 46 N., R. 7 E., OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



- 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.

SURVEY NOTES:

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFER 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 0.99993815.
4. AREAS SHOWN ON THIS PLAN ARE "GROUND".
5. FIELD SURVEY COMPLETED ON FEBRUARY 28, 2022.

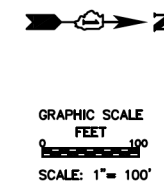
STATE OF ILLINOIS }
COUNTY OF DuPage } SS

THIS IS TO CERTIFY THAT WE, MARGAREE AND SONS, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-0146, HAVE RECORDED THIS PLAT OF HIGHWAYS SHOWN HEREIN IN SECTION 30, TOWNSHIP 48 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DEED BOOK 100, PAGE 10, SURV. 12-13-74, COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND SET BY THE SURVEY ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO RECONSTRUCT THE SURVEY WHEN THE SURVEY IS RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSELLE, ILLINOIS THIS 24th. DAY OF DECEMBER, 2024 A.D.

Dominic J. Marchese
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002335
LICENSE EXPIRATION DATE: NOVEMBER 30, 2028

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



Marchese and Sons, Inc.
land marine construction surveys
10 MONACO DRIVE, ROSELLE IL 60172
PHONE : (630) 894-5680 FAX : (630) 894-8869

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
JOHNSON ROAD

LIMITS: JOHNSON ROAD OVER HIPPIERSINK CREEK COUNTY: McHENRY
SECTION: 18-00-485-00-SR JOB NO.: R-55-001-67
STA. 18+00.00 TO STA. 24+00.00
SCALE: 1" = 100' SHEET 7 OF 7 SHEETS

BUREAU OF LAND ACQUISITION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61L85	117	52
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PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER
J0007	79.572	1.816	1.494	77.756	NA	NA	03-30-200-006 03-30-400-004

PROJECT COORDINATES				
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)				
COORDINATE TABLE -- JOHNSON ROAD				
PT. NO.	STATION	OFFSET	NORTHING	EASTING
6808	12+79.93	0.00'	2101553.1888	950469.8716
6813	16+54.68	0.00'	2101848.6536	950700.3911
6817	19+47.90	0.00'	2102086.4908	950871.7581
6920	16+22.06	65.39' RT.	2101782.7104	950731.7882
6921	18+06.90	65.66' RT.	2101932.1854	950844.9478
7098	17+07.64	0.78' LT.	2101891.1048	950732.0627
8005	20+51.41	30.00' LT.	2102189.3147	950904.0261
8019	16+86.84	60.45' LT.	2101910.8794	950672.0963
8020	17+88.11	59.79' LT.	2101990.3769	950732.2137
8021	20+30.00	30.00' LT.	2102171.4843	950892.1859
8022	20+30.00	30.00' RT.	2102138.2930	950942.1693
8023	28+03.19	30.00' RT.	2102794.0730	951362.6968
8024	27+58.19	30.00' RT.	2102744.9096	950672.0963
8025	27+50.94	30.00' LT.	2102772.0607	951290.9777
8026	27+81.93	30.00' LT.	2102794.4027	951299.0434
8009	27+54.56	0.00'	2102758.4852	951317.9949

LINE	LEGEND	~ JOHNSON ROAD
LINE	LENGTH	BEARING
A	135.50'	N 37°-05'-35" E
B	207.67'	N 00°-05'-51" E
C	176.24'	S 37°-05'-35" W
D	108.40'	N 00°-05'-51" E
E	99.27'	N 00°-05'-51" E
F	60.00'	S 56°-24'-50" E
G	36.35'	S 33°-35'-10" W
H	94.76'	N 37°-05'-35" E
J	207.39'	N 35°-35'-10" E
K	23.75'	N 19°-48'-18" E
L	63.65'	S 89°-42'-13" E
M	52.25'	N 19°-48'-18" W

PROPOSED @ JOHNSON ROAD
CURVE DATA
C3

$\Delta = 04^{\circ} 22' 30''$ (RT)
 $R = 01^{\circ} 29' 31''$
 $D = 3,840.00'$
 $T = 146.68'$
 $L = 293.215'$
 $E = 2.80'$
P.C. STA. = 16+54.68 = 6813
P.T. STA. = 19+47.90 = 6817

REVISION DATE: ___/___/___ REVISION MADE BY: _____

IDOT USE ONLY

BUREAU OF LAND ACQUISITION			
201 WEST CENTER COURT			
SCHAUMBURG, ILLINOIS	TOTAL SHEETS	SHEET NO.	

CONTRACT NO. 61L85	117	52
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MODEL: SHOMELNAMES
FILE: \\miller-prod\workspace\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\10-CAD\03-SHEETS\60737993_SHT_LDSCP_01.dgn



ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 375-7700

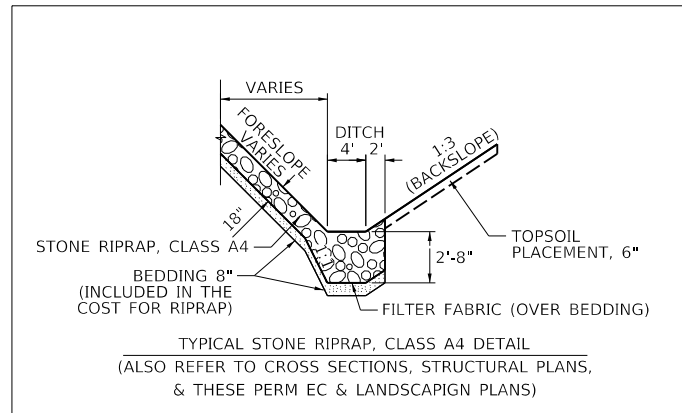
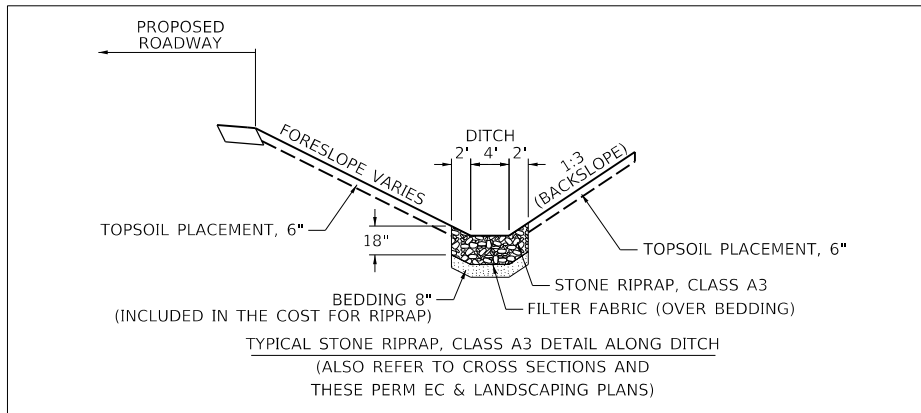
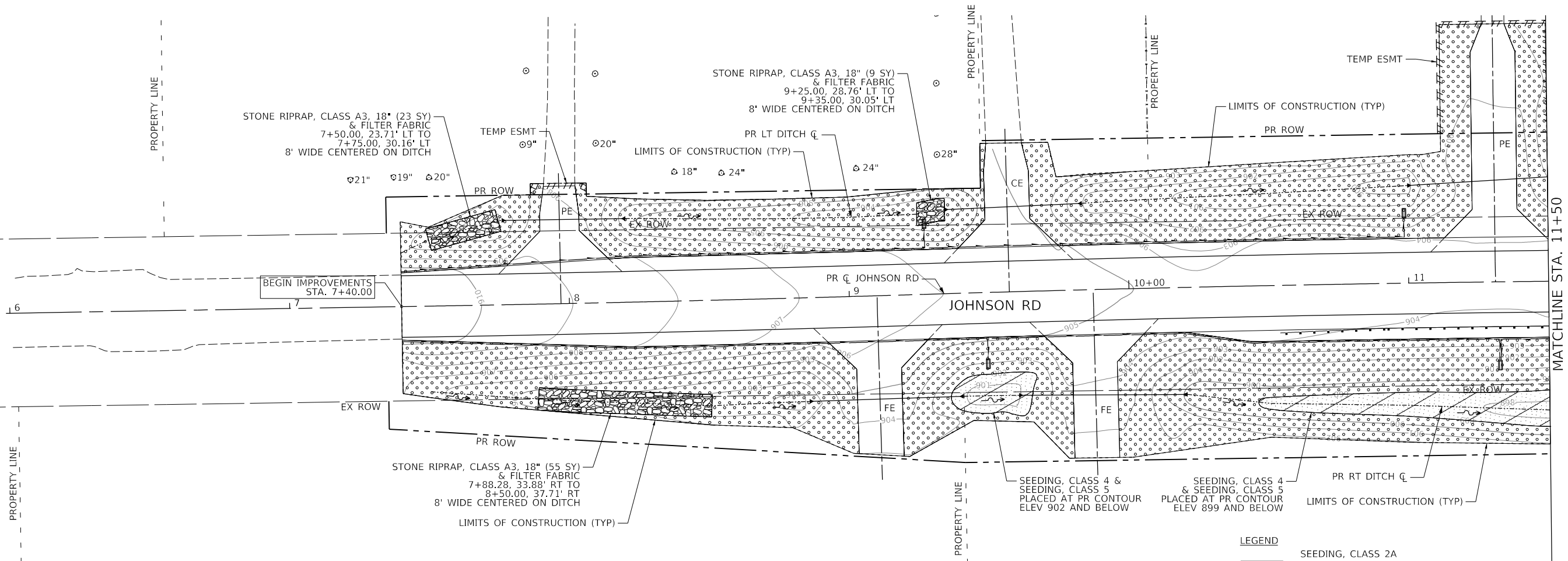
USER NAME	= ken.moy	DESIGNED -	KLM	REVISED -	
		DRAWN -	OH	REVISED -	
PLOT SCALE	= 40,0000 ' / In.	CHECKED -	ATB	REVISED -	
PLOT DATE	= 6/3/2026	DATE	= 6/08/2026	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
PERMANENT EROSION CONTROL AND LANDSCAPING PLAN

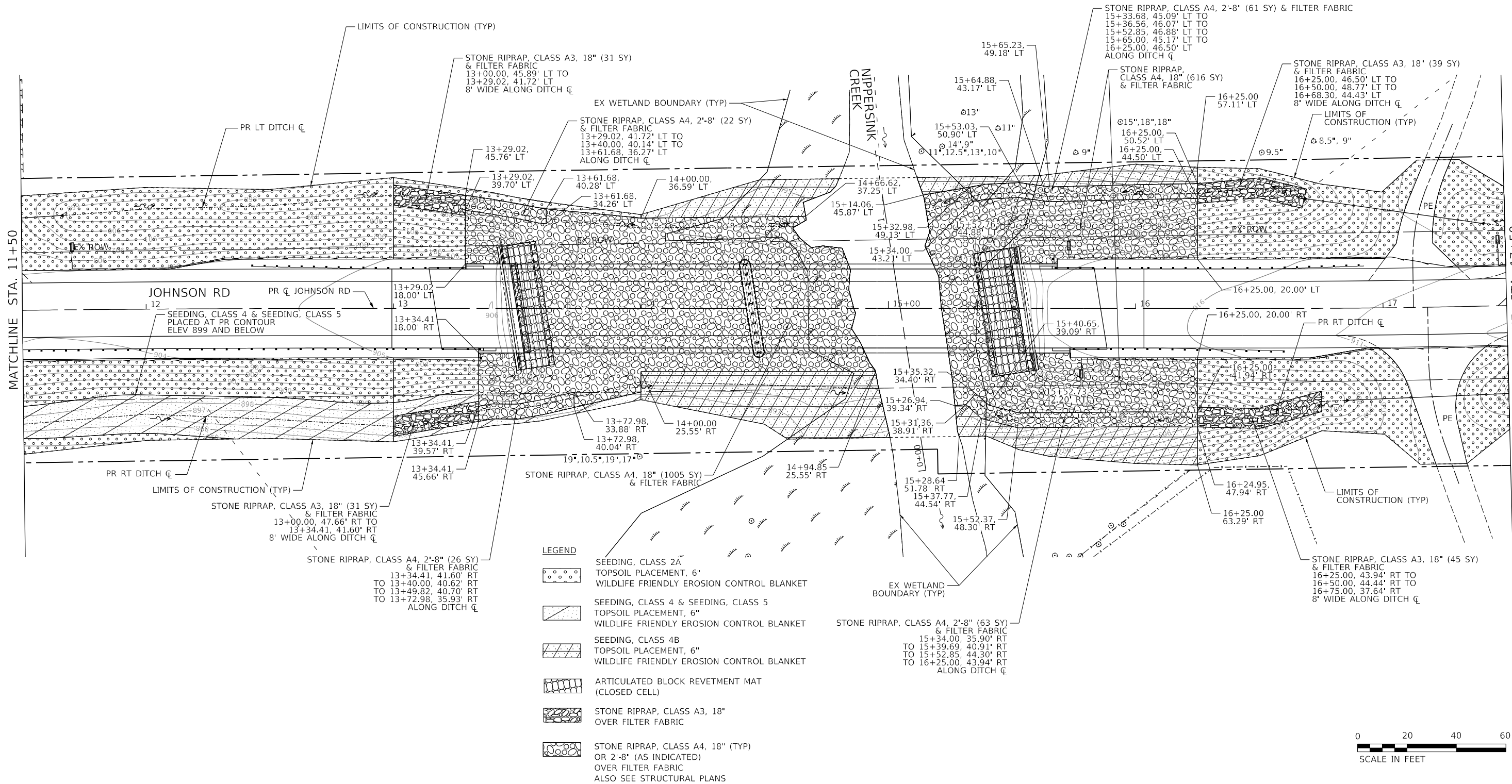
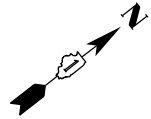
SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 7+40 TO STA. 11+50

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	53
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



- LEGEND
- SEEDING, CLASS 2A
TOPSOIL PLACEMENT, 6"
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
 - SEEDING, CLASS 4 & SEEDING, CLASS 5
TOPSOIL PLACEMENT, 6"
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
 - SEEDING, CLASS 4B
TOPSOIL PLACEMENT, 6"
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
 - ARTICULATED BLOCK REVETMENT MAT
(CLOSED CELL)
 - STONE RIPRAP, CLASS A3, 18"
OVER FILTER FABRIC
 - STONE RIPRAP, CLASS A4, 18" (TYP)
OR 2'-8" (AS INDICATED)
OVER FILTER FABRIC
ALSO SEE STRUCTURAL PLANS





- LEGEND**
- SEEDING, CLASS 2A
TOPSOIL PLACEMENT, 6"
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
 - SEEDING, CLASS 4 & SEEDING, CLASS 5
TOPSOIL PLACEMENT, 6"
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
 - SEEDING, CLASS 4B
TOPSOIL PLACEMENT, 6"
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
 - ARTICULATED BLOCK REVETMENT MAT
(CLOSED CELL)
 - STONE RIPRAP, CLASS A3, 18"
OVER FILTER FABRIC
 - STONE RIPRAP, CLASS A4, 18" (TYP)
OR 2'-8" (AS INDICATED)
OVER FILTER FABRIC
ALSO SEE STRUCTURAL PLANS



MODEL: SHOMELNAMES
FILE: \\miller-prod\cadd\paw-bentley.com\AECOM_USA_Illinois\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\910-CAD\03-SHEETS\CD\60737993-SHT_LDS\CP-02.dgn



USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 40,000' / 1 in.	CHECKED - ATB	REVISED -
PLOT DATE = 6/3/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
PERMANENT EROSION CONTROL AND LANDSCAPING PLAN

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 11+50 TO STA. 17+50

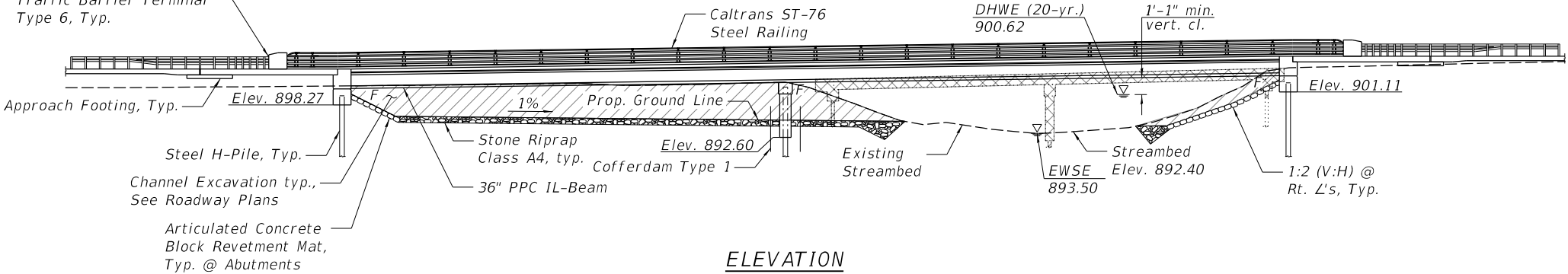
C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	54
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

Bench Mark: #23 - Iron rod set southeast of bridge located 12 feet southeast of the bottom of the bridge embankment and 36 feet southwest of the top of bank of the creek, Elev. 898.10

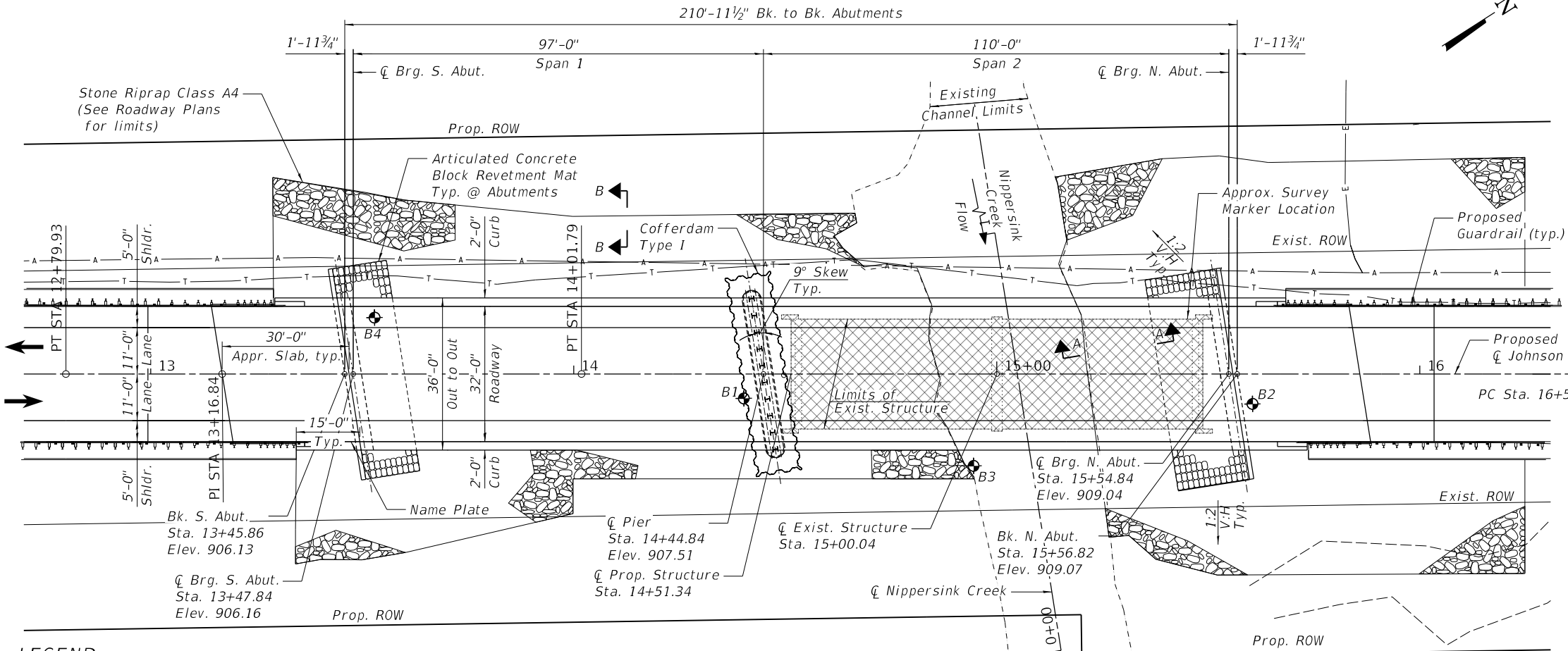
Existing Structure: S.N. 056-3128 was constructed in 1978 under Section 76-00085-00-BR to replace an existing, single span concrete girder bridge on closed concrete abutments. The structure was rehabilitated in 2013 under Section 13-00421-00-BR. The existing structure is a two-span precast concrete box beam bridge with a 3¾" latex concrete overlay support on spill-thru steel HP pile bent abutments and pier supported on steel piling encased in concrete. The bridge measures 97'-4¼" back to back abutments and 26'-0" out to out of bridge deck.

No Salvage. Traffic is to be detoured.

Traffic Barrier Terminal
Type 6, Typ.



ELEVATION
(Looking Upstream)



LEGEND

- T — Exist. Underground Telephone
- A — Exist. Aerial Line
- - - - - Exist. Water Edge
- XXXXX Removal of Existing Structure

NOTES:

1. Locate the survey marker on a horizontal surface flush with the concrete and in a close proximity to the name plate. When possible, locate on top of the parapet on the bridge deck, above the abutment. Do not locate benchmarks at locations where elevations are subject to movement (e.g. midspan) and avoid placing below a rail or fence system.
2. MCDOT will provide the contractor with a survey marker to be placed on bridge at time of pour and at the location as directed by the Engineer. This work is to be included in contract pay items and no additional compensation will be made.

DESIGN SPECIFICATIONS
2020 AASHTO LRFD Bridge
Design Specifications, 9th Edition

DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500$
 $f'_c = 4,000$ psi (Superstructure Concrete)
 $f_y = 60,000$ psi (Reinforcement)

PRECAST PRESTRESSED UNITS

$f'_c = 8,500$ psi
 $f'_ci = 6,500$ psi
 $f'_s = 270,000$ psi (0.6" $\odot$ low lax. strands)
 $f'_si = 202,300$ psi (0.6" $\odot$ low lax. strands)

RAILING

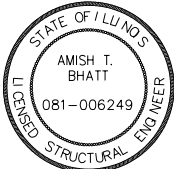
Posts & Plates: $f_y = 36$ ksi min.
(ASTM A709/ A709M, Grade 36 or Grade 50)
Rails: $f_y = 46$ ksi min. (ASTM A500/ A500M Grade B)
Anchor Bolts: ASTM 1554, Grade 105
Parapet Shoe Plates: $f_y = 50$ ksi
(ASTM A709/ A709M, Grade 50)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

SEISMIC DATA

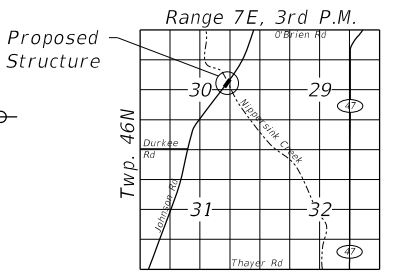
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.208g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.151g
Soil Site Class = D



Amish Bhatt

AMISH T. BHATT, P.E., S.E.
LICENSE NO.: 081-006249
EXPIRES: NOVEMBER 30, 2026
FOR SHEETS S1-S28

I certify that to the best of my knowledge, information and belief, this design is structurally adequate for the design loading shown on the plans. The design is an economical one of the style of structure and complies with the requirements of the current AASHTO LRFD Bridge Design Specifications.



LOCATION SKETCH

GENERAL PLAN & ELEVATION
JOHNSON ROAD OVER NIPPERSINK CREEK
SEC. 18-00488-00-BR
McHENRY COUNTY
STATION 14+51.34
STRUCTURE NO. 056-3104

MODEL: Sheet
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USER NAME = jeremy.borjas	DESIGNED MB	REVISED -
	CHECKED MK	REVISED -
PLOT SCALE = N.T.S.	DRAWN GF	REVISED -
PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
SN 056-3104

SHEET 5-01 OF 5-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENNY	117	56
				CONTRACT NO. 61L85
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

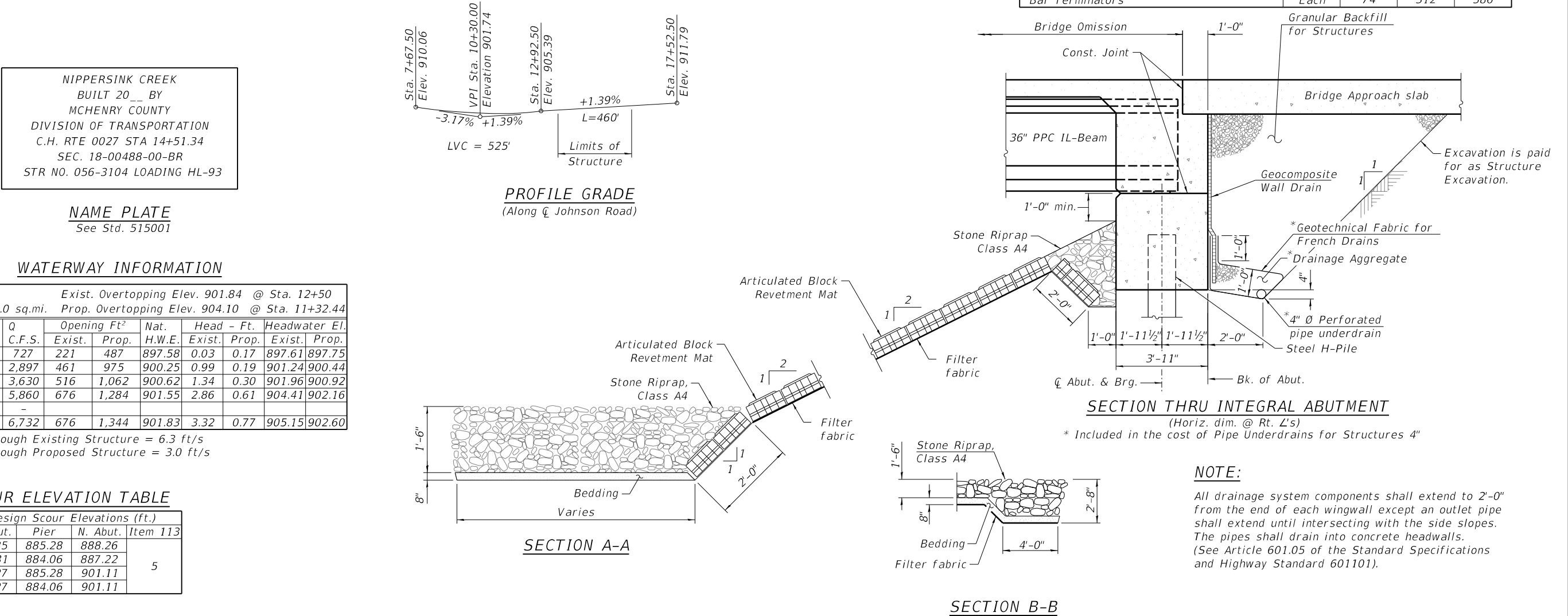
1. Reinforcement bars designated (E) shall be epoxy coated.
2. Concrete Sealer shall be applied to the vertical faces, ends and underside of pier cap and wall and the front vertical faces of the abutments and wingwalls. The Concrete Sealer shall be a "film forming" type for horizontal surfaces.
3. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
4. Protective coat shall be applied to the top of deck, top of approach slabs and top and inside face of curb.
5. Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
6. The existing structure may contain members in deteriorated conditions with reduced load carrying capacities. It is Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for using them to support construction loads.
7. During the Construction, the Contractor may encounter buried existing bridge foundation elements that were left in place as part of previous construction projects. The Contractor shall provide necessary equipment, labor and material to install piles thru the existing obstructions. The Contractor shall obtain the Engineer's approval before the removal of any obstruction. The obstruction mitigation will not be paid separately but shall be considered included with the Removal of Existing Structure No. 1.
8. Removal of existing structures shall be in accordance with Section 501 of the Standard Specifications. This item shall include complete removal of the bridge superstructure and substructure elements including wingwalls. Existing structure and piles shall be removed at least 1'-0" below the proposed subgrade elevation or existing ground surface, whichever is lower. See Sheet S-29 thru. S-31 for available existing plans.
9. All railing components shall be galvanized. Type 1 anchor bar is not galvanized.

INDEX OF SHEETS

- S-01 General Plan and Elevation
- S-02 General Data
- S-03 Substructure Layout
- S-04 Top of Slab Elevations I
- S-05 Top of Slab Elevations II
- S-06 Top of South Approach Slab
- S-07 Top of North Approach Slab
- S-08 Deck Plan and Cross Section
- S-09 Superstructure Details
- S-10 Diaphragm Details
- S-11 Approach Slab Plan
- S-12 Approach Slab Details
- S-13 Steel Railing Details I
- S-14 Steel Railing Details II
- S-15 Steel Railing Details III
- S-16 Steel Railing Details IV
- S-17 Framing Plan
- S-18 IL36 Beam (Span 1)
- S-19 IL36 Beam (Span 2)
- S-20 IL36 Beam Details
- S-21 Abutment Plan and Elevation
- S-22 Abutment Details
- S-23 Pier Plan and Elevation
- S-24 Pier Details
- S-25 HP Pile Details
- S-26 Soil Boring Logs I
- S-27 Soil Boring Logs II
- S-28 Soil Boring Logs III
- S-29 Existing Plans I
- S-30 Existing Plans II
- S-31 Existing Plans III

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A4	Sq Yd		1,793	1,793
Filter Fabric	Sq Yd		1,793	1,793
Articulated Block Revetment Mat	Sq Yd		155	155
Removal of Existing Structure No. 1	Each			1
Structure Excavation	Cu Yd		206	206
Cofferdam Excavation	Cu Yd		57	57
Cofferdam (Type 1) (Location - 1)	Each		1	1
Concrete Structures	Cu Yd		131.8	131.8
Concrete Superstructure	Cu Yd	356.7		356.7
Concrete Encasement	Cu Yd		5.5	5.5
Protective Coat	Sq Yd	1,222		1,222
Concrete Superstructure (Approach Slab)	Cu Yd	97.0		97.0
Furnishing And Erecting Precast Prestressed Concrete Beams, IL36	Foot	1,451		1,451
Reinforcement Bars, Epoxy Coated	Pound	135,060	18,190	153,250
Furnishing Steel Piles HP 14X89	Foot		1,344	1,344
Driving Piles	Foot		1,344	1,344
Test Pile Steel HP 14X89	Each		3	3
Pile Shoes	Each		24	24
Name Plates	Each	1		1
Granular Backfill for Structures	Cu Yd		128	128
Concrete Sealer	Sq Ft		1,850	1,850
Geocomposite Wall Drain	Sq Yd		74	74
Pipe Underdrains For Structures 4"	Foot		110	110
Steel Railing (Special)	Foot	452		452
Dewatering	L Sum		1	1
Bridge Deck Grooving (Longitudinal)	Sq Yd	659		659
Bar Terminators	Each	74	312	386



MODEL Sheet
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USER NAME	= jeremy.borjas	DESIGNED	MB	REVISED	-
		CHECKED	MK	REVISED	-
PLOT SCALE	= N.T.S.	DRAWN	GF	REVISED	-
PLOT DATE	= 6/3/2026	CHECKED	MK	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBSTRUCTURE LAYOUT
SN 056-3104

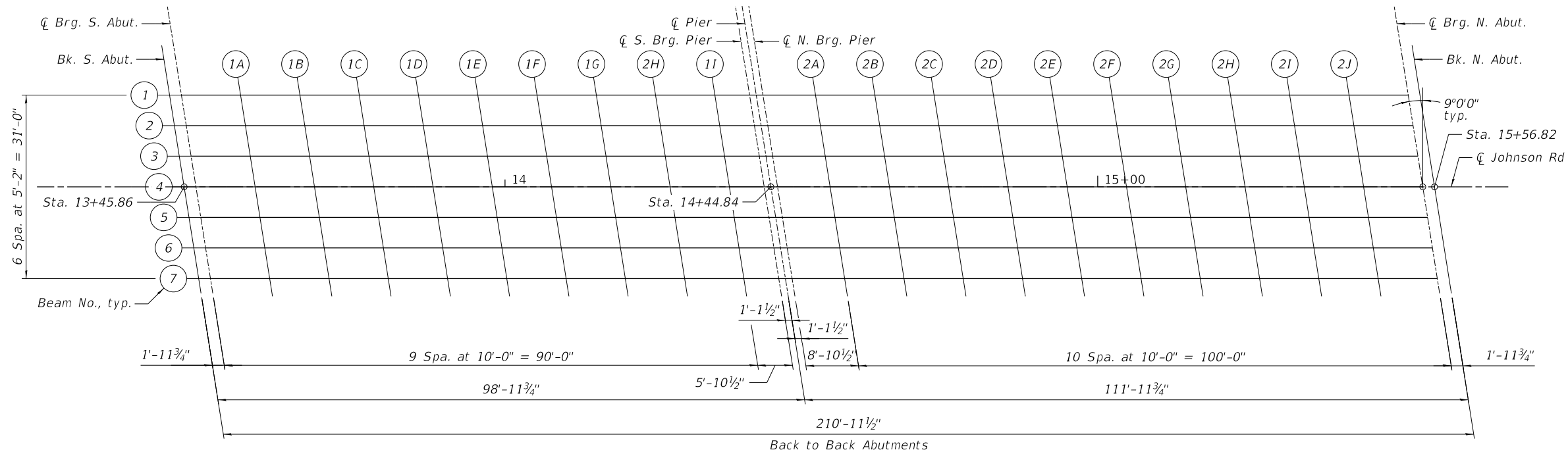
SHEET 5-03 OF S-31 SHEETS

LEGEND

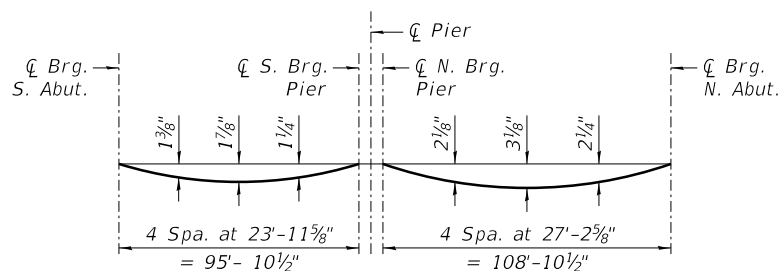
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	Exist. Aerial Line
	Exist. Water Edge

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	58
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

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PLAN

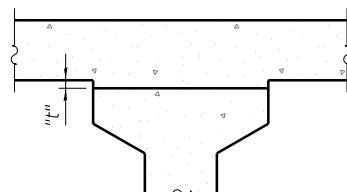


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams)

Note:

The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown below, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS

AECOM

ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST., SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-7700

USER NAME = jeremy.borjas	DESIGNED MB	REVISED -
CHECKED MK	REVISED -	
PLOT SCALE = N.T.S.	DRAWN GF	REVISED -
PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS I
SN 056-3104

SHEET 5-04 OF S-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	59
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

MODEL Sheet
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BEAM 1				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	13+43.41	-15.50	905.79	905.79
☒ Brg S. Abut.	13+45.39	-15.50	905.82	905.82
1A	13+55.39	-15.50	905.96	906.00
1B	13+65.39	-15.50	906.10	906.19
1C	13+75.39	-15.50	906.23	906.36
1D	13+85.39	-15.50	906.37	906.52
1E	13+95.39	-15.50	906.51	906.67
1F	14+05.39	-15.50	906.65	906.79
1G	14+15.39	-15.50	906.79	906.90
1H	14+25.39	-15.50	906.93	907.00
1I	14+35.39	-15.50	907.07	907.10
☒ S. Brg Pier	14+41.26	-15.50	907.15	907.15
☒ Pier	14+42.39	-15.50	907.17	907.17
☒ N. Brg Pier	14+43.51	-15.50	907.18	907.18
2A	14+52.39	-15.50	907.30	907.39
2B	14+62.39	-15.50	907.44	907.60
2C	14+72.39	-15.50	907.58	907.79
2D	14+82.39	-15.50	907.72	907.97
2E	14+92.39	-15.50	907.86	908.13
2F	15+02.39	-15.50	908.00	908.27
2G	15+12.39	-15.50	908.14	908.39
2H	15+22.39	-15.50	908.28	908.49
2I	15+32.39	-15.50	908.42	908.57
2J	15+42.39	-15.50	908.56	908.64
☒ Brg N. Abut.	15+52.39	-15.50	908.69	908.69
Bk. N. Abut.	15+54.37	-15.50	908.72	908.72

BEAM 5				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	13+46.68	5.17	906.04	906.04
☒ Brg S. Abut.	13+48.66	5.17	906.07	906.07
1A	13+58.66	5.17	906.21	906.26
1B	13+68.66	5.17	906.35	906.44
1C	13+78.66	5.17	906.49	906.62
1D	13+88.66	5.17	906.63	906.77
1E	13+98.66	5.17	906.76	906.92
1F	14+08.66	5.17	906.90	907.04
1G	14+18.66	5.17	907.04	907.16
1H	14+28.66	5.17	907.18	907.26
1I	14+38.66	5.17	907.32	907.35
☒ S. Brg Pier	14+44.54	5.17	907.40	907.40
☒ Pier	14+45.66	5.17	907.42	907.42
☒ N. Brg Pier	14+46.79	5.17	907.43	907.43
2A	14+55.66	5.17	907.56	907.64
2B	14+65.66	5.17	907.70	907.85
2C	14+75.66	5.17	907.83	908.05
2D	14+85.66	5.17	907.97	908.23
2E	14+95.66	5.17	908.11	908.39
2F	15+05.66	5.17	908.25	908.52
2G	15+15.66	5.17	908.39	908.64
2H	15+25.66	5.17	908.53	908.74
2I	15+35.66	5.17	908.67	908.82
2J	15+45.66	5.17	908.81	908.89
☒ Brg N. Abut.	15+55.66	5.17	908.95	908.95
Bk. N. Abut.	15+57.64	5.17	908.97	908.97

BEAM 2				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	13+44.22	-10.33	905.90	905.90
☒ Brg S. Abut.	13+46.21	-10.33	905.93	905.93
1A	13+56.21	-10.33	906.07	906.12
1B	13+66.21	-10.33	906.21	906.30
1C	13+76.21	-10.33	906.35	906.48
1D	13+86.21	-10.33	906.49	906.64
1E	13+96.21	-10.33	906.63	906.78
1F	14+06.21	-10.33	906.77	906.91
1G	14+16.21	-10.33	906.91	907.02
1H	14+26.21	-10.33	907.04	907.12
1I	14+36.21	-10.33	907.18	907.21
☒ S. Brg Pier	14+42.08	-10.33	907.26	907.26
☒ Pier	14+43.21	-10.33	907.28	907.28
☒ N. Brg Pier	14+44.33	-10.33	907.30	907.30
2A	14+53.21	-10.33	907.42	907.51
2B	14+63.21	-10.33	907.56	907.71
2C	14+73.21	-10.33	907.70	907.91
2D	14+83.21	-10.33	907.84	908.09
2E	14+93.21	-10.33	907.98	908.25
2F	15+03.21	-10.33	908.11	908.39
2G	15+13.21	-10.33	908.25	908.50
2H	15+23.21	-10.33	908.39	908.60
2I	15+33.21	-10.33	908.53	908.68
2J	15+43.21	-10.33	908.67	908.75
☒ Brg N. Abut.	15+53.21	-10.33	908.81	908.81
Bk. N. Abut.	15+55.18	-10.33	908.84	908.84

BEAM 6				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	13+47.50	10.33	905.95	905.95
☒ Brg S. Abut.	13+49.48	10.33	905.98	905.98
1A	13+59.48	10.33	906.12	906.16
1B	13+69.48	10.33	906.26	906.35
1C	13+79.48	10.33	906.39	906.52
1D	13+89.48	10.33	906.53	906.68
1E	13+99.48	10.33	906.67	906.83
1F	14+09.48	10.33	906.81	906.95
1G	14+19.48	10.33	906.95	907.06
1H	14+29.48	10.33	907.09	907.16
1I	14+39.48	10.33	907.23	907.26
☒ S. Brg Pier	14+45.35	10.33	907.31	907.31
☒ Pier	14+46.48	10.33	907.33	907.33
☒ N. Brg Pier	14+47.60	10.33	907.34	907.34
2A	14+56.48	10.33	907.46	907.55
2B	14+66.48	10.33	907.60	907.76
2C	14+76.48	10.33	907.74	907.95
2D	14+86.48	10.33	907.88	908.13
2E	14+96.48	10.33	908.02	908.29
2F	15+06.48	10.33	908.16	908.43
2G	15+16.48	10.33	908.30	908.55
2H	15+26.48	10.33	908.44	908.65
2I	15+36.48	10.33	908.58	908.73
2J	15+46.48	10.33	908.72	908.80
☒ Brg N. Abut.	15+56.48	10.33	908.85	908.85
Bk. N. Abut.	15+58.46	10.33	908.88	908.88

BEAM 3				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	13+45.04	-5.17	906.02	906.02
☒ Brg S. Abut.	13+47.02	-5.17	906.05	906.05
1A	13+57.02	-5.17	906.19	906.23
1B	13+67.02	-5.17	906.32	906.42
1C	13+77.02	-5.17	906.46	906.59
1D	13+87.02	-5.17	906.60	906.75
1E	13+97.02	-5.17	906.74	906.90
1F	14+07.02	-5.17	906.88	907.02
1G	14+17.02	-5.17	907.02	907.13
1H	14+27.02	-5.17	907.16	907.23
1I	14+37.02	-5.17	907.30	907.33
☒ S. Brg Pier	14+42.90	-5.17	907.38	907.38
☒ Pier	14+44.02	-5.17	907.40	907.40
☒ N. Brg Pier	14+45.15	-5.17	907.41	907.41
2A	14+54.02	-5.17	907.53	907.62
2B	14+64.02	-5.17	907.67	907.83
2C	14+74.02	-5.17	907.81	908.02
2D	14+84.02	-5.17	907.95	908.20
2E	14+94.02	-5.17	908.09	908.36
2F	15+04.02	-5.17	908.23	908.50
2G	15+14.02	-5.17	908.37	908.62
2H	15+24.02	-5.17	908.51	908.72
2I	15+34.02	-5.17	908.65	908.80
2J	15+44.02	-5.17	908.79	908.86
☒ Brg N. Abut.	15+54.02	-5.17	908.92	908.92
Bk. N. Abut.	15+56.00	-5.17	908.95	908.95

BEAM 7				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	13+48.31	15.50	905.86	905.86
☒ Brg S. Abut.	13+50.30	15.50	905.89	905.89
1A	13+60.30	15.50	906.02	906.07
1B	13+70.30	15.50	906.16	906.26
1C	13+80.30	15.50	906.30	906.43
1D	13+90.30	15.50	906.44	906.59
1E	14+00.30	15.50	906.58	906.73
1F	14+10.30	15.50	906.72	906.86
1G	14+20.30	15.50	906.86	906.97
1H	14+30.30	15.50	907.00	907.07
1I	14+40.30	15.50	907.14	907.16
☒ S. Brg Pier	14+46.17	15.50	907.22	907.22
☒ Pier	14+47.30	15.50	907.23	907.23
☒ N. Brg Pier	14+48.42	15.50	907.25	907.25
2A	14+57.30	15.50	907.37	907.46
2B	14+67.30	15.50	907.51	907.67
2C	14+77.30	15.50	907.65	907.86
2D	14+87.30	15.50	907.79	908.04
2E	14+97.30	15.50	907.93	908.20
2F	15+07.30	15.50	908.07	908.34
2G	15+17.30	15.50	908.21	908.46
2H	15+27.30	15.50	908.35	908.55
2I	15+37.30	15.50	908.48	908.63
2J	15+47.30	15.50	908.62	908.70
☒ Brg N. Abut.	15+57.30	15.50	908.76	908.76
Bk. N. Abut.	15+59.27	15.50	908.79	908.79

BEAM 4, ☒ JOHNSON ROAD, PGL AND CROWN				
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Bk. S. Abut.	13+45.86	0.00	906.13	906.13
☒ Brg S. Abut.	13+47.84	0.00	906.16	906.16
1A	13+57.84	0.00	906.30	906.35
1B	13+67.84	0.00	906.44	906.53
1C	13+77.84	0.00	906.58	906.71
1D	13+87.84	0.00	906.72	906.87
1E	13+97.84	0.00	906.86	907.01
1F	14+07.84	0.00	907.00	907.14
1G	14+17.84	0.00	907.13	907.25
1H	14+27.84	0.00	907.27	907.35
1I	14+37.84	0.00	907.41	907.44
☒ S. Brg Pier	14+43.72	0.00	907.49	907.49
☒ Pier	14+44.84	0.00	907.51	907.51
☒ N. Brg Pier	14+45.97	0.00	907.53	907.53
2A	14+54.84	0.00	907.65	907.73
2B	14+64.84	0.00	907.79	907.94
2C	14+74.84	0.00	907.93	908.14
2D	14+84.84	0.00	908.07	908.32
2E	14+94.84	0.00	908.20	908.48
2F	15+04.84	0.00	908.34	908.62
2G	15+14.84	0.00	908.48	908.73
2H	15+24.84	0.00	908.62	908.83
2I	15+34.84	0.00	908.76	908.91
2J	15+44.84	0.00	908.90	908.98
☒ Brg N. Abut.	15+54.84	0.00	909.04	909.04
Bk. N. Abut.	15+56.82	0.00	909.07	909.07

Note:
Offsets measured from ☒ Johnson Rd.



USER NAME = jeremy.borjas	DESIGNED MB	REVISED -
	CHECKED MK	REVISED -
PLOT SCALE = N.T.S.	DRAWN GF	REVISED -
PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS II
SN 056-3104

SHEET 5-05 OF 5-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	60
		CONTRACT NO. 61L85		
		ILLINOIS	FED. AID PROJECT	

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ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST., SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-7700

USER NAME	= jeremy.borjas
PLOT SCALE	= N.T.S.
PLOT DATE	= 6/3/2026

DESIGNED	MB
CHECKED	MK
DRAWN	GF
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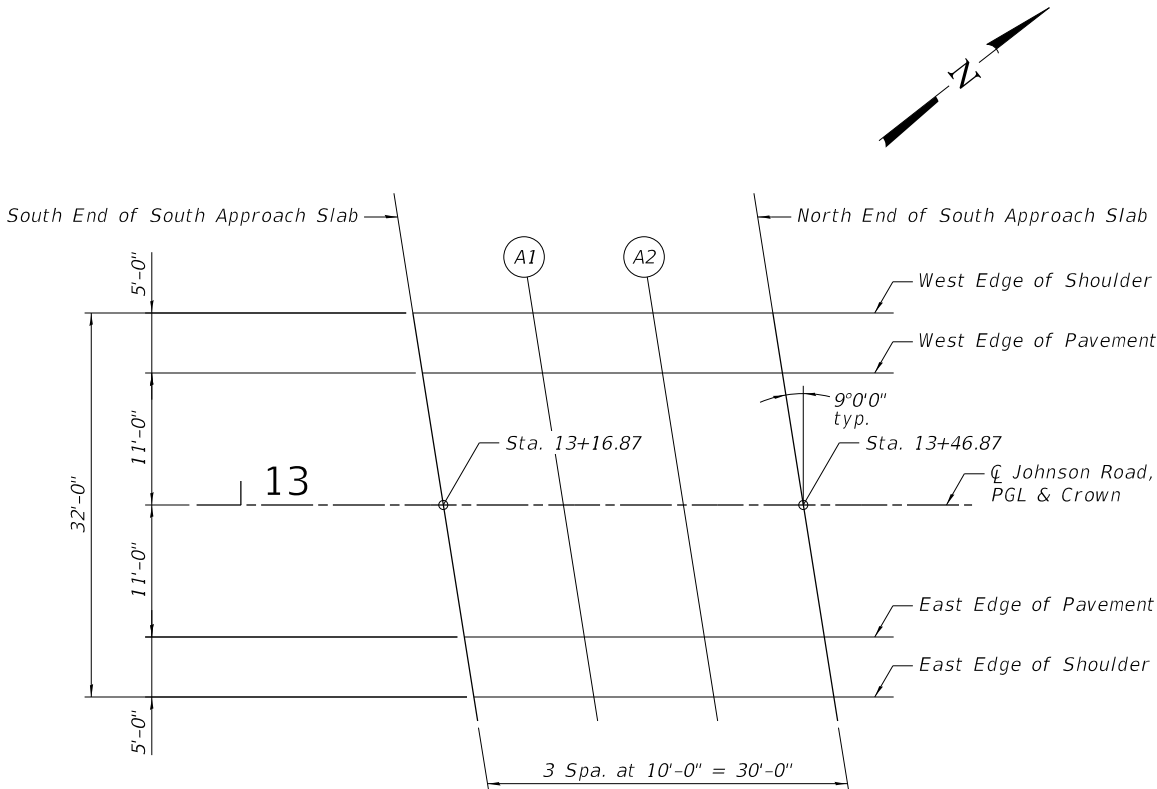
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SOUTH APPROACH SLAB
SN 056-3104

SHEET 5-06 OF S-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	61
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



PLAN
(South Approach)

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Aprpr. Slab	13+14.34	-16.00	905.38
A1	13+24.34	-16.00	905.51
A2	13+34.34	-16.00	905.65
N. End of S. Aprpr. Slab	13+44.34	-16.00	905.79

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Aprpr. Slab	13+15.13	-11.00	905.49
A1	13+25.13	-11.00	905.63
A2	13+35.13	-11.00	905.76
N. End of S. Aprpr. Slab	13+45.13	-11.00	905.90

C JOHNSON ROAD., PGL & CROWN

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Aprpr. Slab	13+16.87	0.00	905.73
A1	13+26.87	0.00	905.87
A2	13+36.87	0.00	906.01
N. End of S. Aprpr. Slab	13+46.87	0.00	906.15

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Aprpr. Slab	13+18.61	11.00	905.54
A1	13+28.61	11.00	905.67
A2	13+38.61	11.00	905.81
N. End of S. Aprpr. Slab	13+48.61	11.00	905.95

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End of S. Aprpr. Slab	13+19.40	16.00	905.45
A1	13+29.40	16.00	905.59
A2	13+39.40	16.00	905.72
N. End of S. Aprpr. Slab	13+49.40	16.00	905.86

Note:
Offsets measured from C Johnson Rd.

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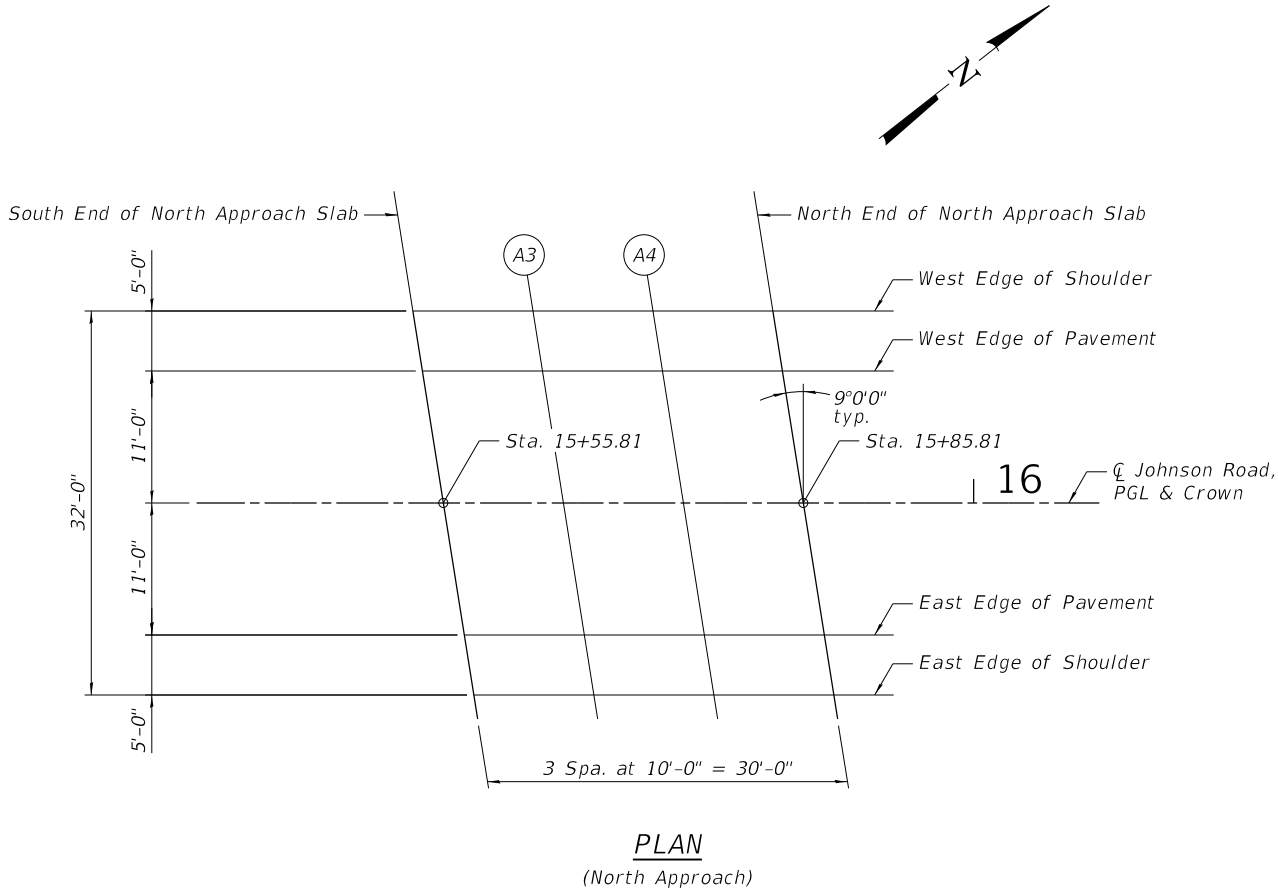
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PLOT SCALE = N.T.S.	DRAWN GF	REVISED -
PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF NORTH APPROACH SLAB
SN 056-3104

SHEET 5-07 OF S-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	62
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



WEST EDGE OF SHOULDER			
Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Aprpr. Slab	15+53.28	-16.00	908.70
A3	15+63.28	-16.00	908.84
A4	15+73.28	-16.00	908.98
N. End of N. Aprpr. Slab	15+83.28	-16.00	909.11

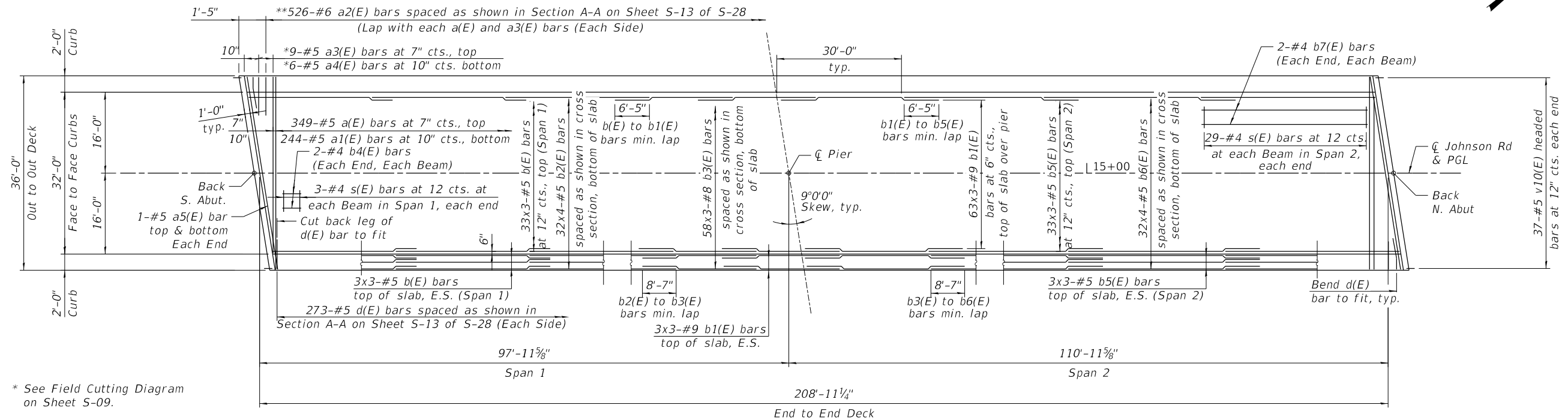
WEST EDGE OF PAVEMENT			
Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Aprpr. Slab	15+54.07	-11.00	908.81
A3	15+64.07	-11.00	908.95
A4	15+74.07	-11.00	909.09
N. End of N. Aprpr. Slab	15+84.07	-11.00	909.23

CL JOHNSON ROAD., PGL & CROWN			
Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Aprpr. Slab	15+55.81	0.00	909.05
A3	15+65.81	0.00	909.19
A4	15+75.81	0.00	909.33
N. End of N. Aprpr. Slab	15+85.81	0.00	909.47

EAST EDGE OF PAVEMENT			
Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Aprpr. Slab	15+57.55	11.00	908.86
A3	15+67.55	11.00	909.00
A4	15+77.55	11.00	909.13
N. End of N. Aprpr. Slab	15+87.55	11.00	909.27

EAST EDGE OF SHOULDER			
Location	Station	Offset	Theoretical Grade Elevations
S. End of N. Aprpr. Slab	15+58.34	16.00	908.77
A3	15+68.34	16.00	908.91
A4	15+78.34	16.00	909.05
N. End of N. Aprpr. Slab	15+88.34	16.00	909.18

Note:
Offsets measured from CL Johnson Rd.



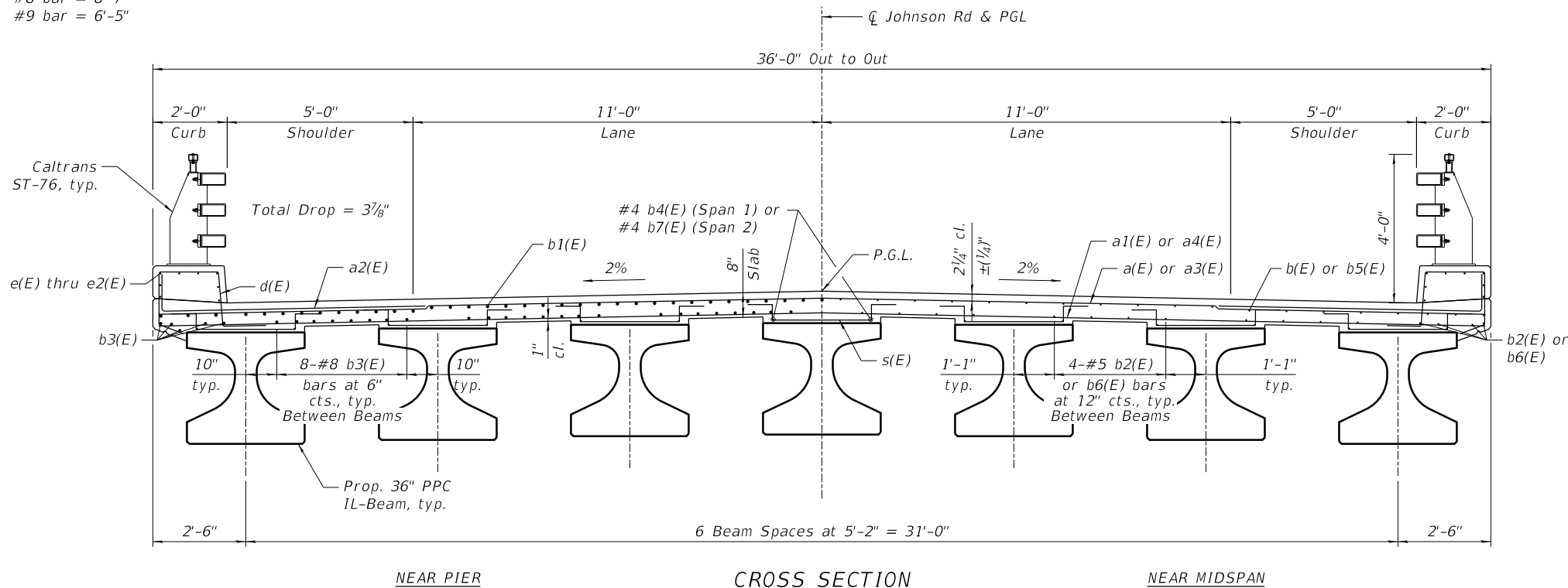
* See Field Cutting Diagram on Sheet S-09.

** a2(E) bars bundled at posts.

DECK PLAN

MINIMUM BAR LAP

#5 bar = 3'-10"
#8 bar = 8'-7"
#9 bar = 6'-5"



NOTES:

- For bar diagrams and Bill of Material, see Sheet S-09.
- Bars indicated 33x3-#5 etc. indicates 33 lines of Bars with 3 Lengths per Line.
- For abutment and pier diaphragm elevation and sections, see Sheet S-10.
- For Caltrans ST-76, see Sheet S-09.
- For IL36-3838 PPC Concrete Beam details, see Sheets S-18 thru S-20.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK PLAN AND CROSS SECTION
SN 056-3104

SHEET S-08 OF S-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	63
CONTRACT NO. 61L85				

ILLINOIS FED. AID PROJECT

AECOM

ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST., SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-7700

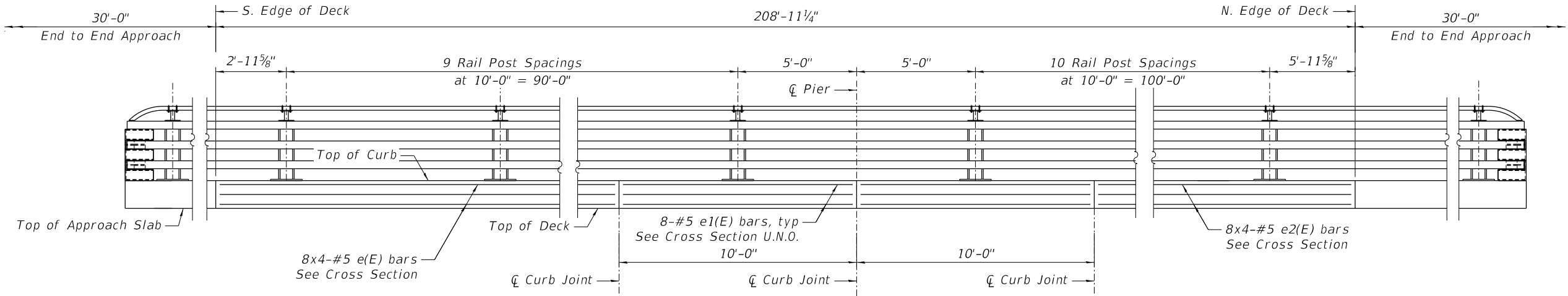
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PLOT SCALE = N.T.S.	DRAWN GF	REVISED -
PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

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SUPERSTRUCTURE
BILL OF MATERIAL

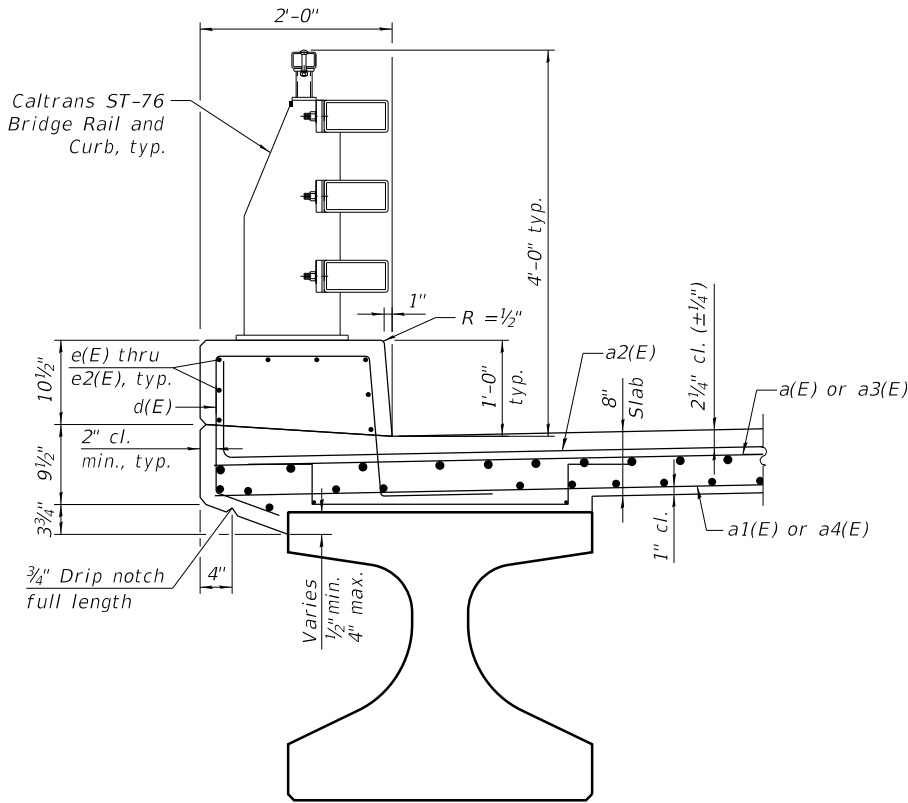
Bar	No.	Size	Length	Shape
a(E)	349	#5	35'-8"	
a1(E)	244	#5	35'-4"	
a2(E)	1052	#6	8'-4"	
a3(E)	9	#5	35'-9"	
a4(E)	6	#5	34'-2"	
a5(E)	4	#5	36'-1"	
b(E)	117	#5	25'-2"	
b1(E)	207	#9	28'-7"	
b2(E)	128	#5	19'-10"	
b3(E)	174	#8	31'-6"	
b4(E)	28	#4	3'-0"	
b5(E)	117	#5	29'-6"	
b6(E)	128	#5	23'-1"	
b7(E)	28	#4	29'-0"	
d(E)	546	#5	6'-2"	
e(E)	64	#5	24'-10"	
e1(E)	32	#5	9'-8"	
e2(E)	64	#5	28'-1"	
m10(E)	8	#6	36'-1"	
m11(E)	24	#6	3'-10"	
m12(E)	8	#6	1'-9"	
m13(E)	12	#6	1'-8"	
m14(E)	4	#6	0'-7"	
m15(E)	28	#5	4'-0"	
m20(E)	12	#6	1'-8"	
m21(E)	24	#6	3'-10"	
m22(E)	14	#5	4'-0"	
s(E)	448	#4	4'-10"	
s10(E)	32	#5	9'-5"	
s11(E)	32	#5	10'-9"	
s12(E)	56	#5	7'-9"	
s20(E)	12	#5	12'-2"	
s21(E)	24	#5	7'-9"	
v10(E)	74	#5	3'-1"	
Reinforcement Bars, Epoxy Coated			Lbs.	95,120
Concrete Superstructure			Cu. Yd.	349.1

Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

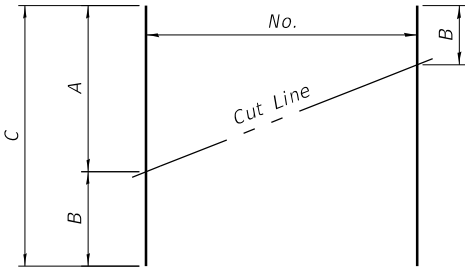


INSIDE ELEVATION - WEST RAILING AND CURB
(East Railing and Curb similar)

MINIMUM BAR LAP
#5 bar = 3'-10"



SECTION THRU CURB



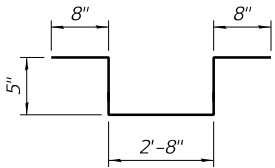
FIELD CUTTING DIAGRAM

Order a3(E) and a4(E) bars full length.
Cut as shown and use remainder of
bars in opposite end of deck.

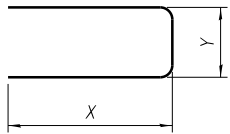
FIELD CUTTING TABLE

Bar	No.	Size	A	B	C
a3(E)	9	#5	31'-11"	3'-10"	35'-9"
a4(E)	6	#5	30'-4"	3'-10"	34'-2"

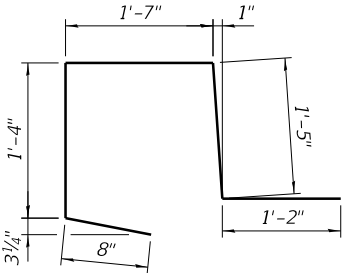
Note:
Bar terminators, paid for separately.
See Total Bill of Material.



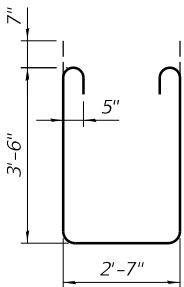
BAR s(E)



BARS s10(E), s12(E) & s21(E)

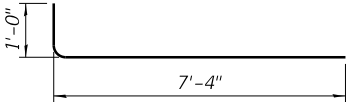


BAR d(E)

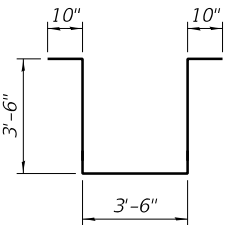


BAR s11(E)

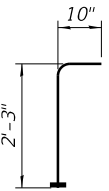
Bar	X	Y
s10(E)	3'-6"	2'-5"
s12(E)	3'-6"	9"
s21(E)	3'-6"	9"



BAR a2(E)



BAR s20(E)



BAR v10(E)

(Headed 74-#5 Bar Terminators)

MODEL: Sheet
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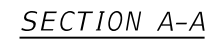
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PLOT SCALE = N.T.S.	CHECKED MK	REVISED -
PLOT DATE = 6/3/2026	DRAWN GF	REVISED -
	CHECKED MK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
SN 056-3104

SHEET 5-09 OF 5-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	64
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



Dimension along ζ of beam except as shown



SECTION C-C



NOTES

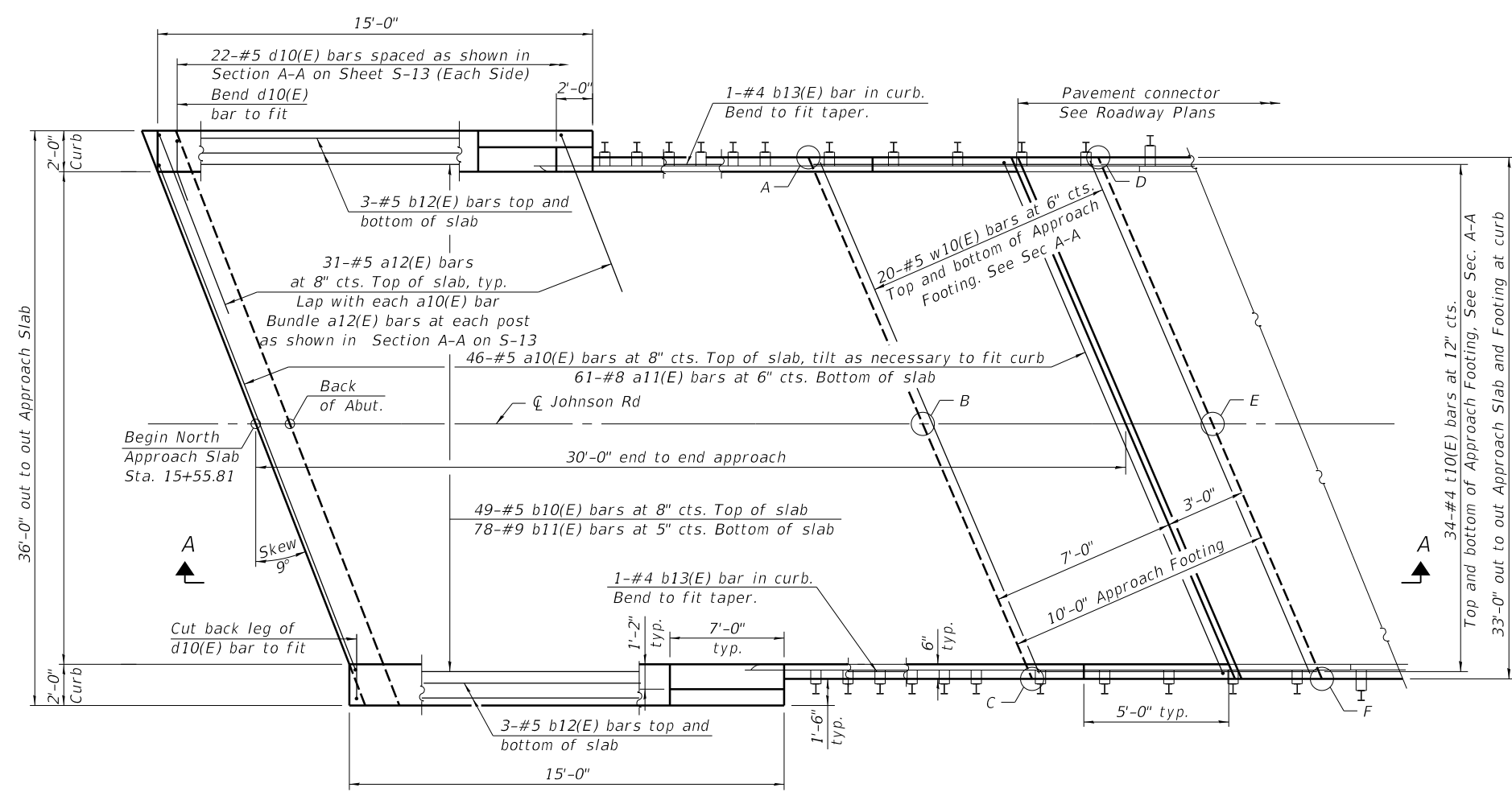
1. See sheet S-09 of S-28 for superstructure details and Bill of Material.
2. See sheet S-11 of S-28 for PJF details.
3. The s10(E), s11(E) and s12(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
4. The approach slab seat shall have a constant slope determined from the control points shown.
5. Cost of cellular polystyrene is included with Concrete Superstructure.
6. Cost of side retainer and anchor bolts shall be included with Concrete Structures.
7. The s20(E) and s21(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
8. Anchor bolts and side retainers shall be according to Article 521.06 of the Standard Specifications. Side retainers shall be hot dip galvanized.
9. Anchor bolts and side retainers shall be installed as each exterior beam is erected unless an equivalent temporary means of lateral restraint is used.



(Showing bottom flange of beam)

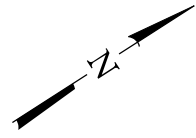


(Showing bottom pads and PJF details)



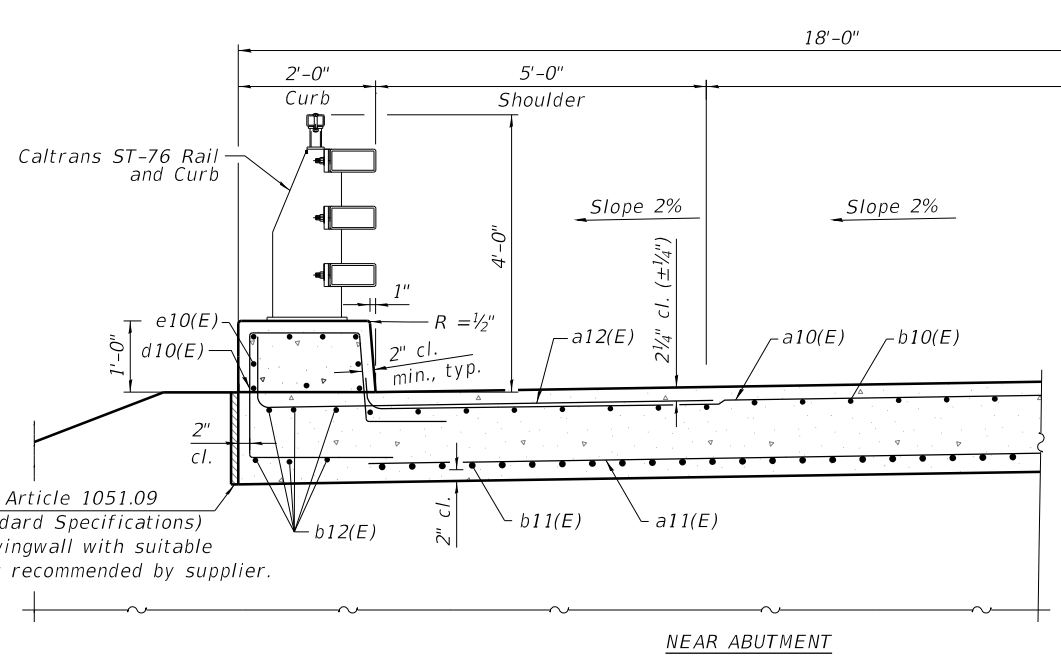
PLAN

(North approach slab shown; South approach slab similar by 180° rotation)

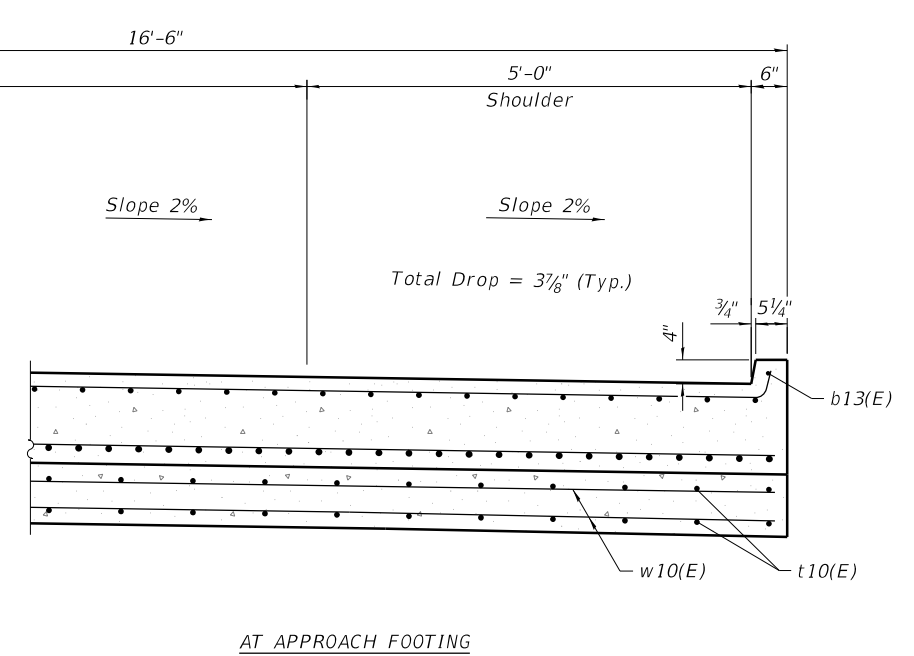


**TOP AND BOTTOM ELEVATIONS
FOR APPROACH FOOTING**

South Approach			North Approach		
Point/ Location	Top	Bottom	Point/ Location	Top	Bottom
A -	904.21	903.38	A -	907.75	906.92
B -	904.58	903.75	B -	908.12	907.29
C -	904.29	903.45	C -	907.83	906.99
D -	904.07	903.24	D -	907.90	907.06
E -	904.44	903.61	E -	908.26	907.43
F -	904.15	903.31	F -	907.97	907.13



CROSS SECTION
(Looking North)



AT APPROACH FOOTING

MODEL: Sheet
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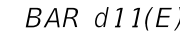
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PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**APPROACH SLAB PLAN
SN 056-3104**

SHEET 5-11 OF 5-31 SHEETS

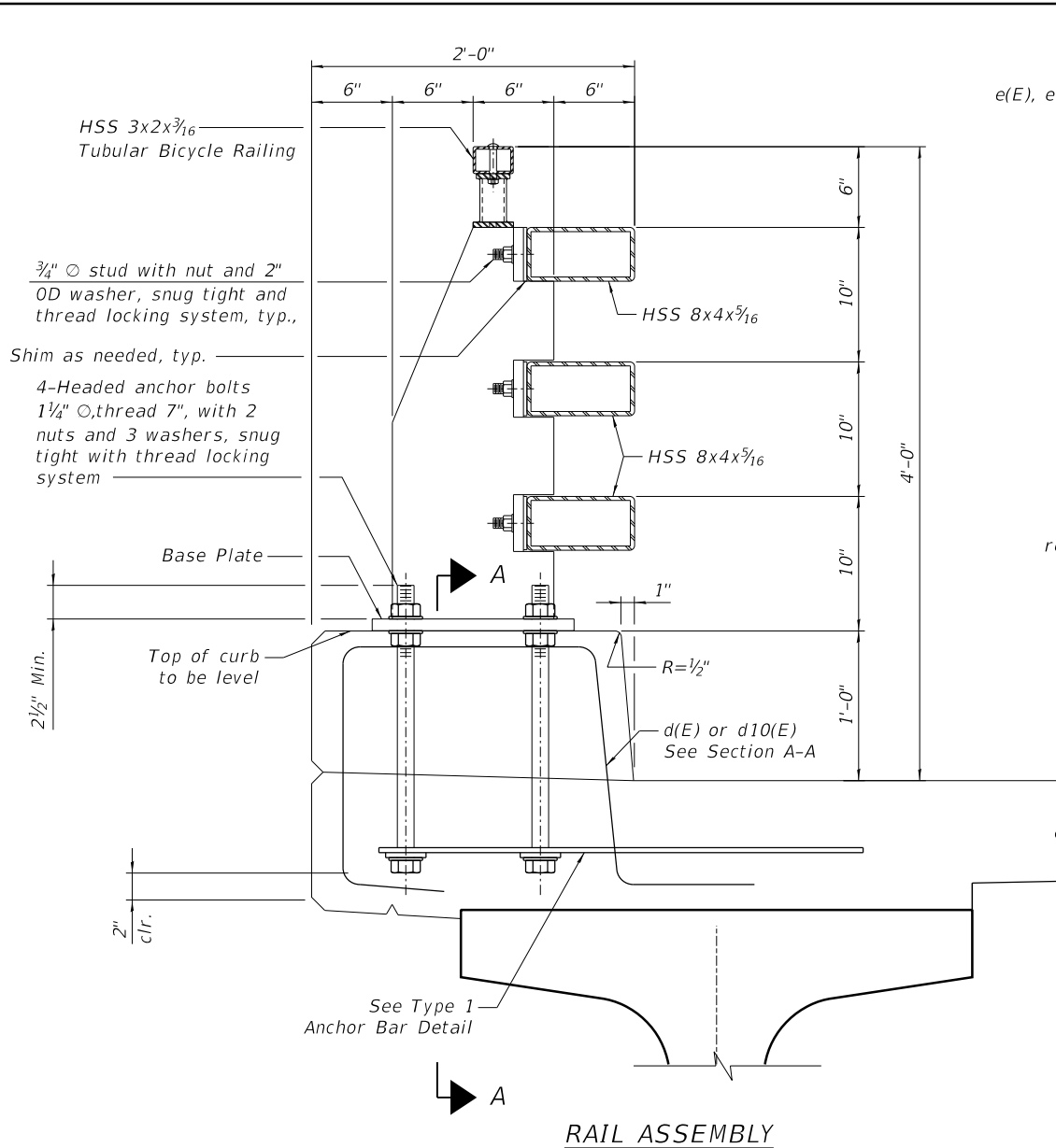
C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	66
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



$d10(E)$	88	#5	7'-8"	
$d11(E)$	56	#5	3'-8"	
$d12(E)$	56	#5	3'-10"	
$d13(E)$	56	#5	3'-7"	
$e10(E)$	36	#5	14'-8"	
$e11(E)$	32	#5	11'-4"	
$t10(E)$	136	#4	9'-10"	
$w10(E)$	80	#5	33'-1"	

SECTION B-B

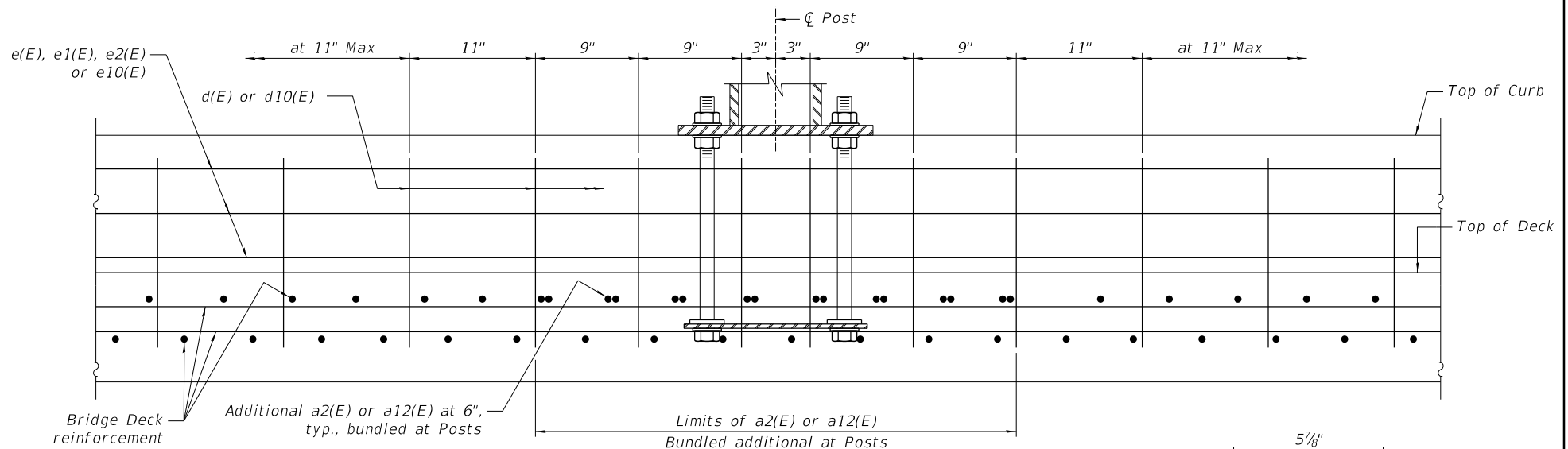
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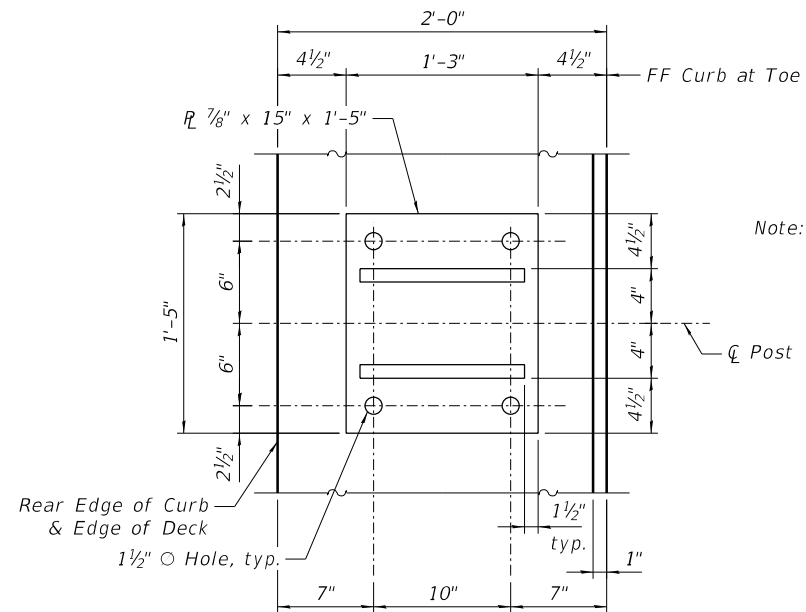
NOTES:

1. All railing components shall be galvanized. Type 1 anchor bar is not galvanized.
2. HS bolts with nut and washers, snug tightened, and thread locking system.
3. Use $\frac{1}{2}$ " $\odot$ x $3\frac{3}{16}$ " Bolts (HSS 3x2x $\frac{3}{16}$)
4. Use $\frac{3}{4}$ " $\odot$ x $5\frac{5}{16}$ " Bolts (HSS 8x4x $\frac{5}{16}$)
5. Each rail length must be continuous over a minimum of two posts.
6. The fabricator must check that the tubular sleeve splices conform to the dimensions indicated to assure proper clearance.
7. Not more than one splice permitted per same side of post.
8. All horizontal members are parallel to longitudinal profile grade.
9. Posts are normal to profile grade of structure.
10. Posts are vertical to the transverse cross section.
11. Anchor bolts may be tack welded to anchorage.
12. Use extra thick washers for anchor bolts, with a minimum thickness of 0.305" and a maximum thickness of 0.375".
13. All railing components shall be paid for as Steel Railing (Special).

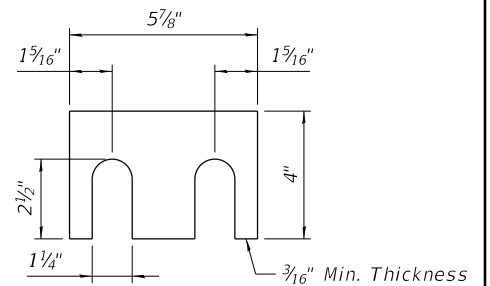
RAIL ASSEMBLY



SECTION A-A

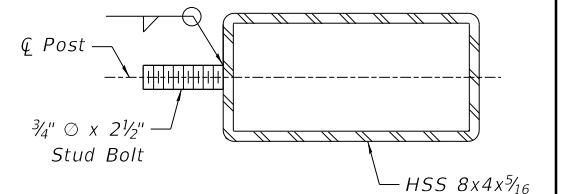


BASE PLATE

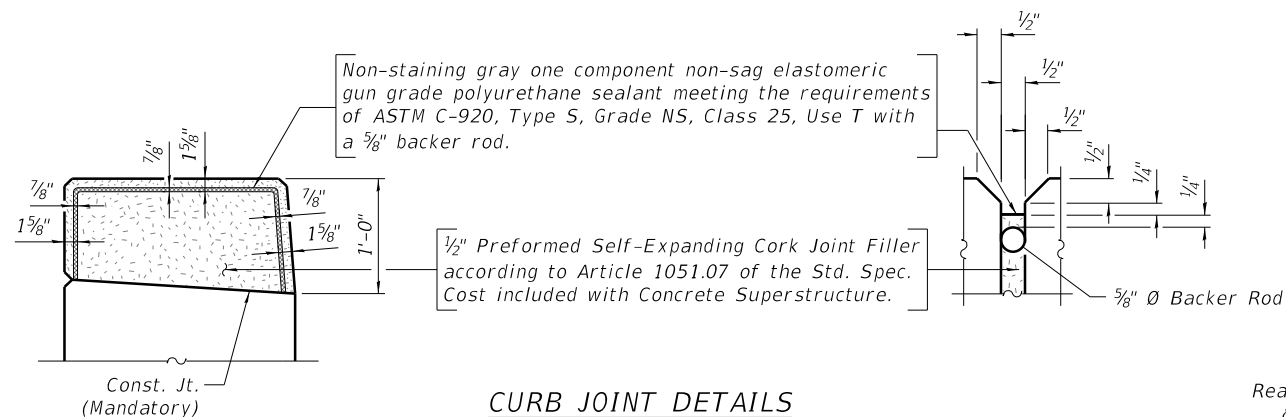


SHIM DETAILS

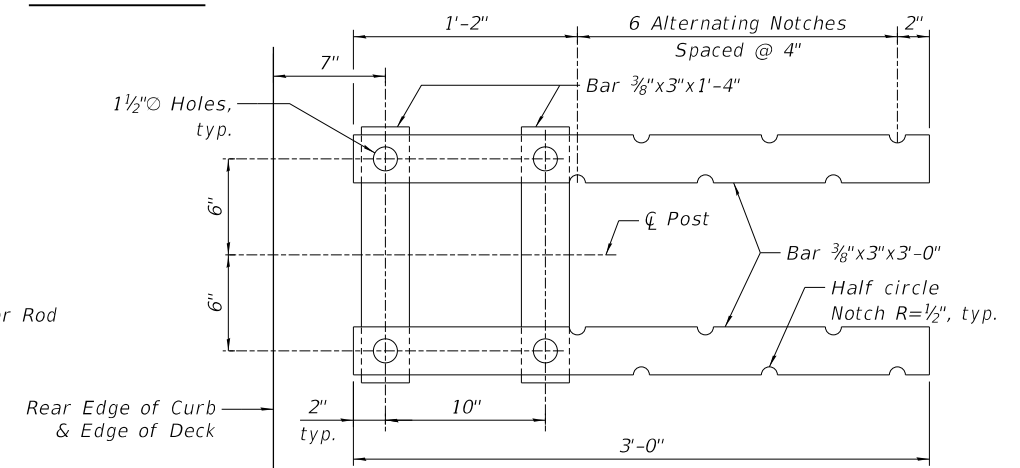
Note: Shims as needed between posts and HSS Rail Tubes



RAIL SECTION AT POST



CURB JOINT DETAILS



TYPE 1 ANCHOR BAR DETAIL



USER NAME = jeremy.borjas	DESIGNED MB	REVISED -
	CHECKED MK	REVISED -
PLOT SCALE = N.T.S.	DRAWN GF	REVISED -
PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

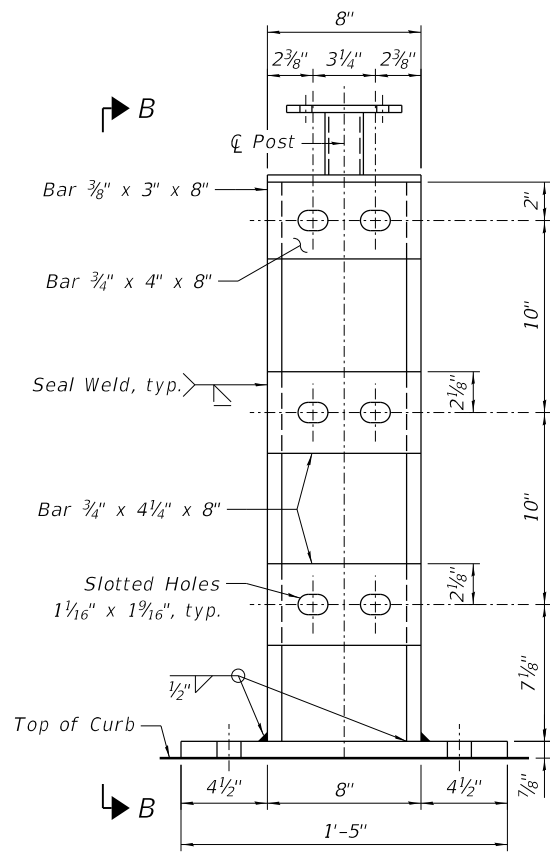
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL RAILING DETAILS I
SN 056-3104

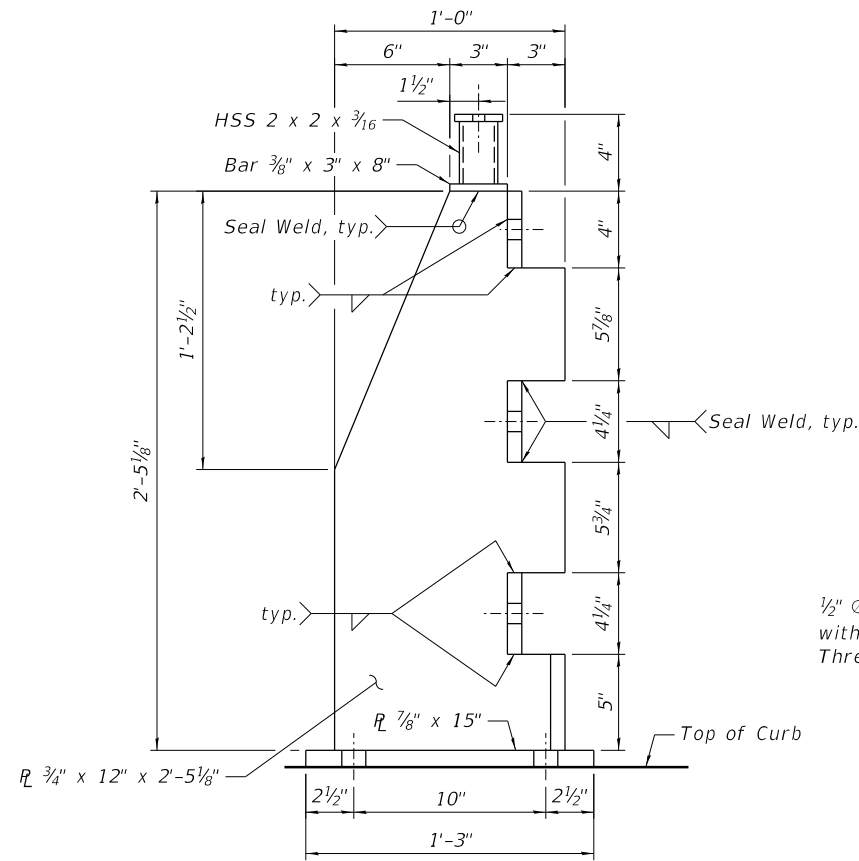
SHEET 5-13 OF 5-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	68
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

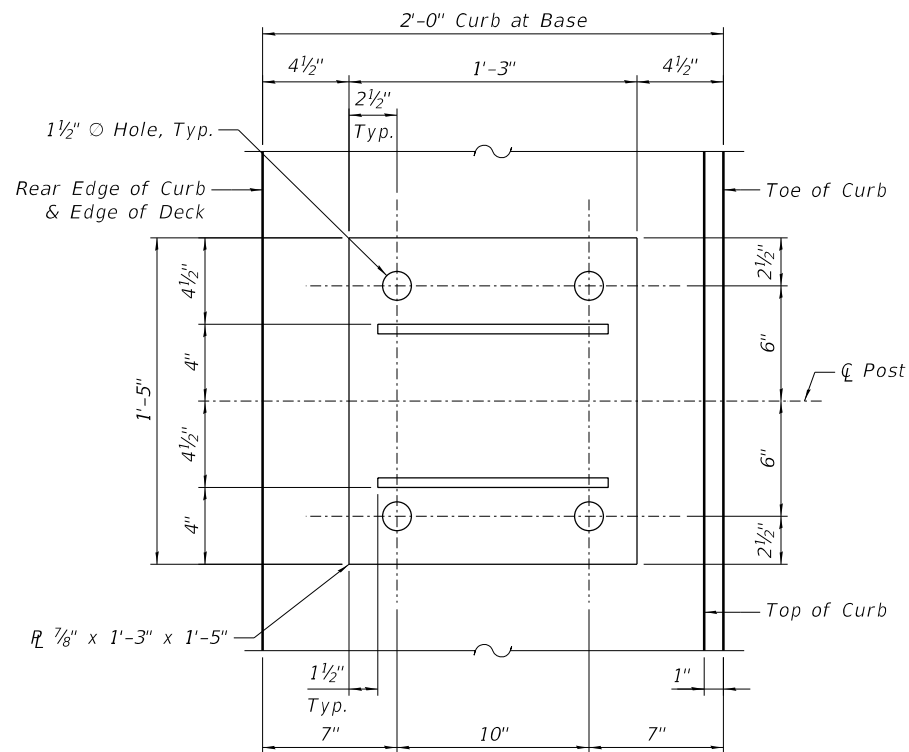
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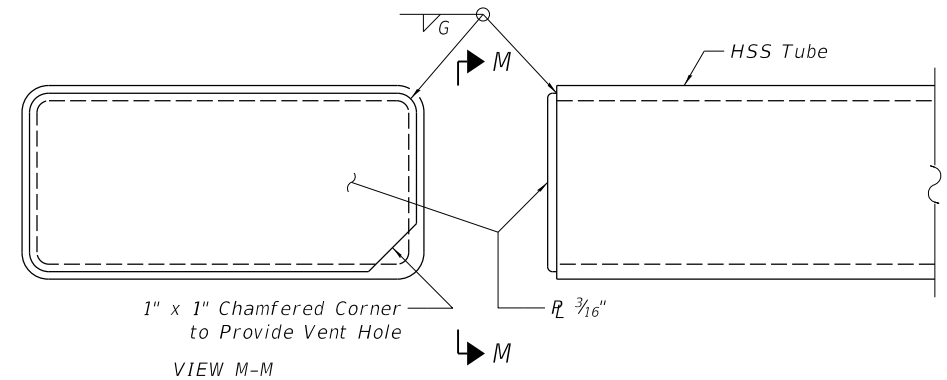
POST DETAIL
Front View



SECTION B-B
Side View

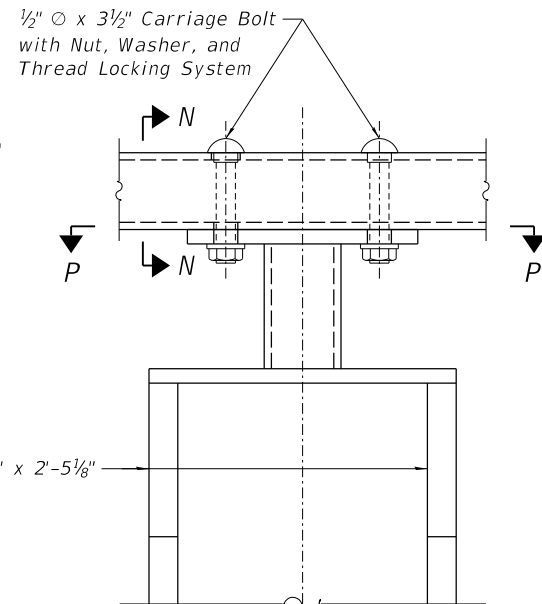


BASE PLATE DETAIL

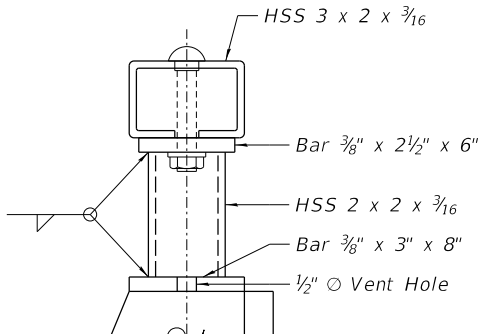


RAIL END CAP

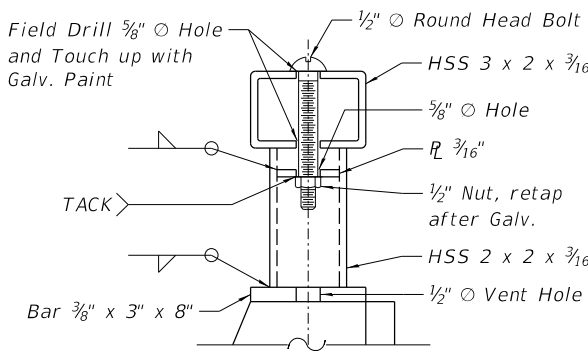
Note: For vehicular rail tube and bicycle railing tubes.



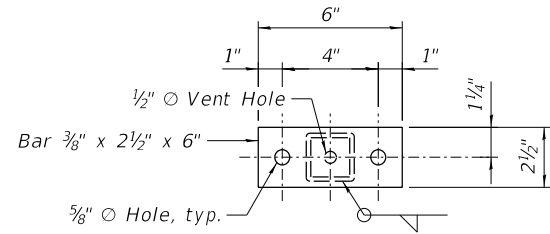
ELEVATION



SECTION N-N



**SECTION N-N
ALTERNATIVE**



SECTION P-P



USER NAME = jeremy.borjas	DESIGNED MB	REVISED -
	CHECKED MK	REVISED -
PLOT SCALE = N.T.S.	DRAWN GF	REVISED -
PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

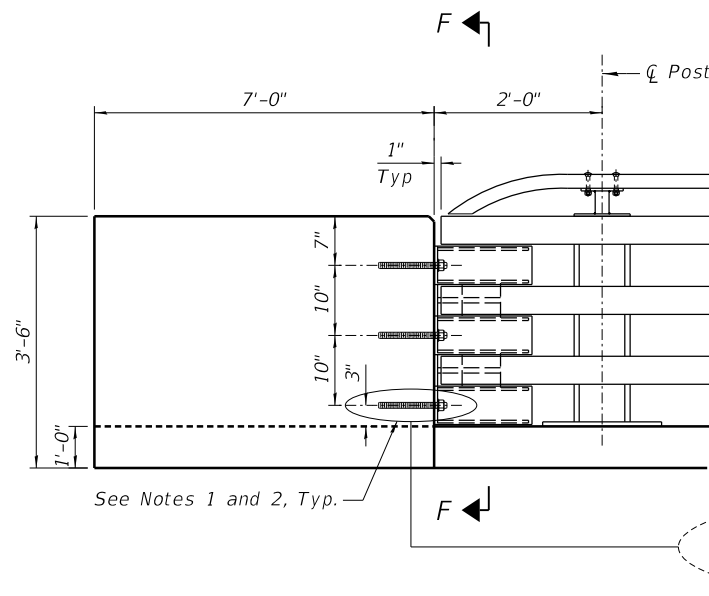
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL RAILING DETAILS III
SN 056-3104

SHEET 5-15 OF 5-31 SHEETS

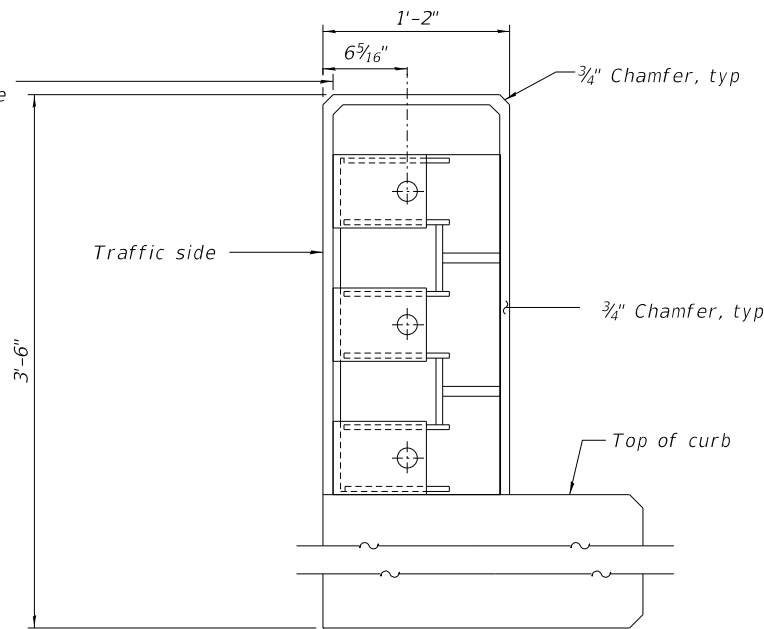
C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	70
			CONTRACT NO. 61L85	
		ILLINOIS	FED. AID PROJECT	

MODEL: Sheet
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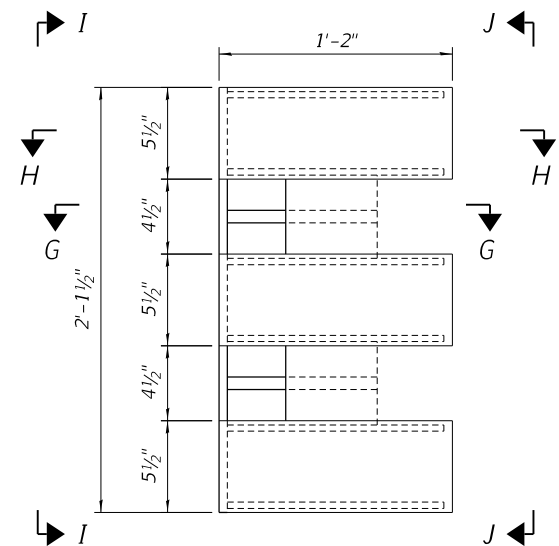
PARAPET SHOE AT END BLOCK (DEPARTURE)

Note: Parapet shoe connection to approach end block is similar

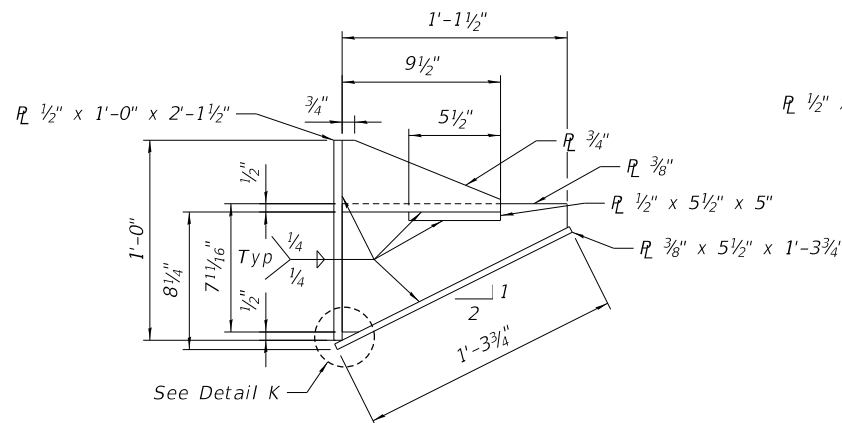


SECTION F-F

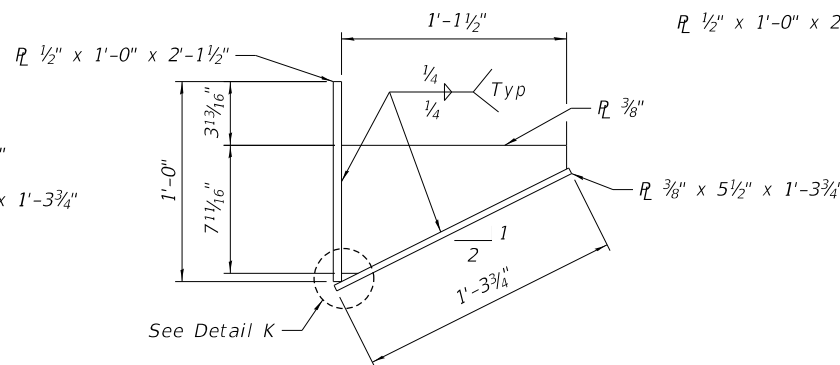
Bridge railing not shown for clarity.



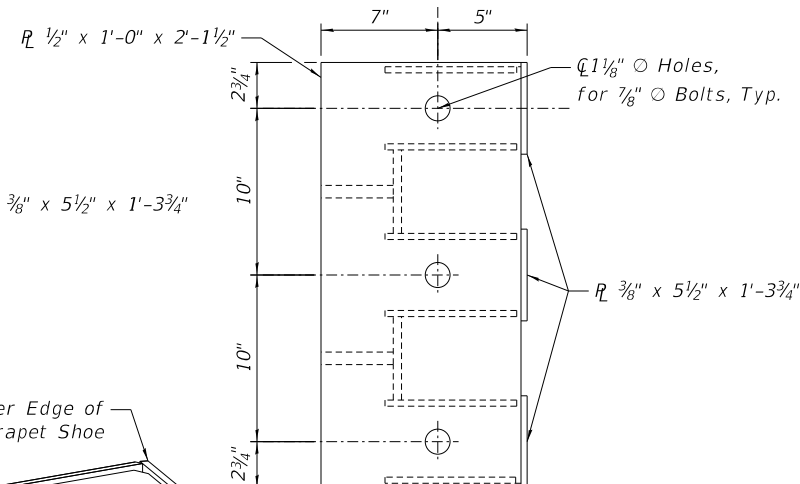
PARAPET SHOE ELEVATION



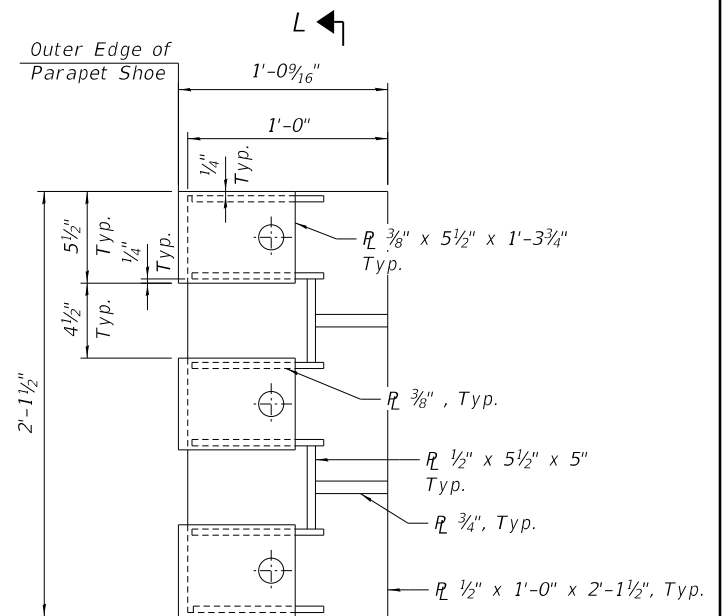
SECTION G-G



SECTION H-H



VIEW I-I



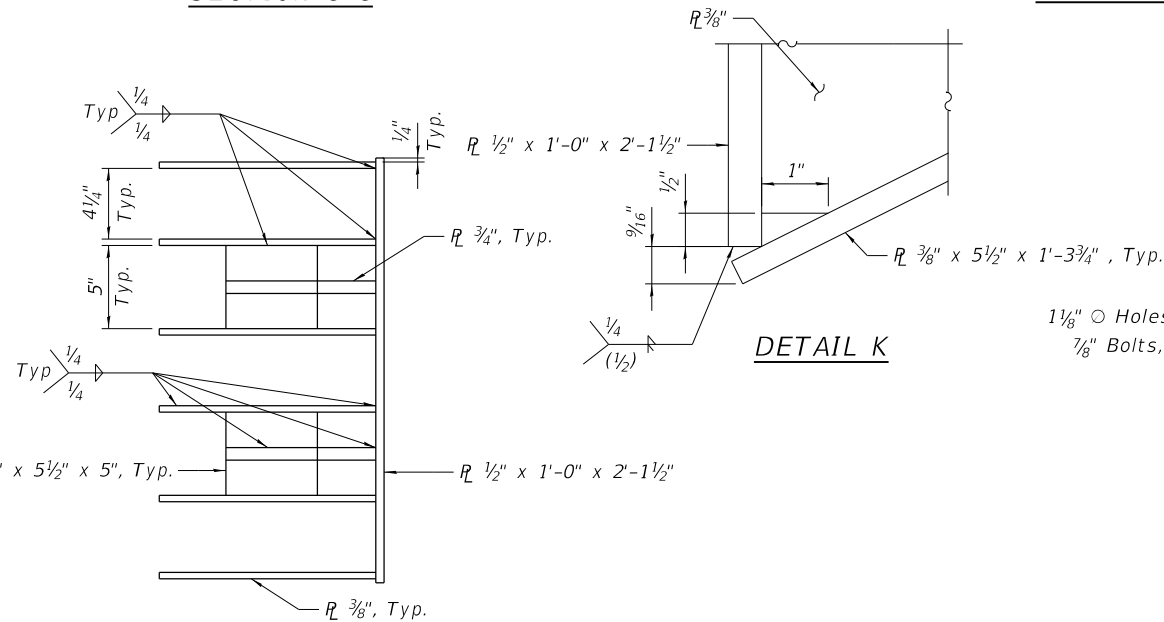
VIEW J-J

NOTES:

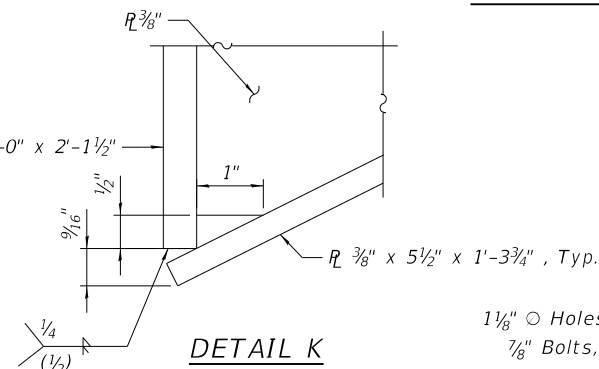
- Anchor bolts must be 7/8" Dia and ASTM F1554 Grade 105 fully threaded rods with heavy hex nut and one hardened washer (1 3/4" OD) each. Embed threaded rods 8" into concrete anchor block with Drill and Bond (Chemical Adhesive) anchorage system.
- Drill and Bond (Chemical Adhesive) anchorages are subjected to approval of Engineer. Installation procedure must comply with manufacturer's instructions.

BILL OF MATERIAL

Item	Unit	Total
Steel Railing (Special)	Foot	452

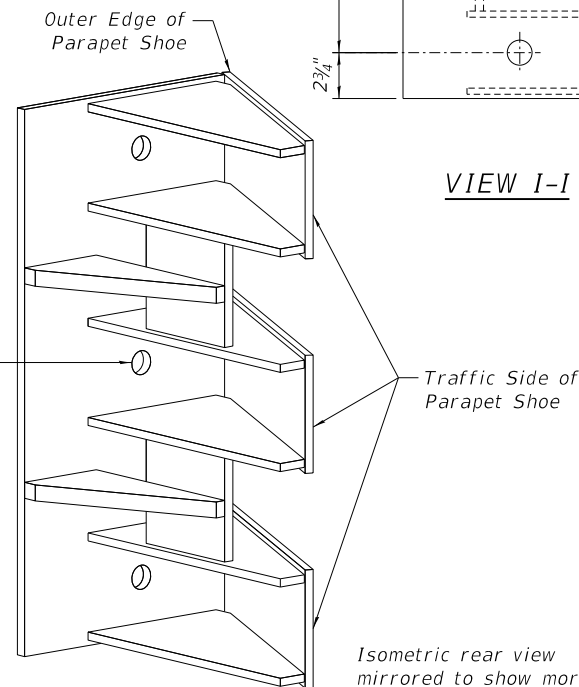


SECTION L-L



DETAIL K

1 1/8" O Holes for 7/8" Bolts, Typ.



ISOMETRIC VIEW

Isometric rear view mirrored to show more details.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL RAILING DETAILS IV
SN 056-3104

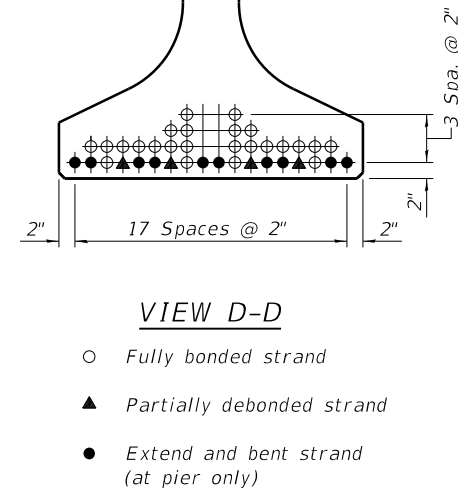
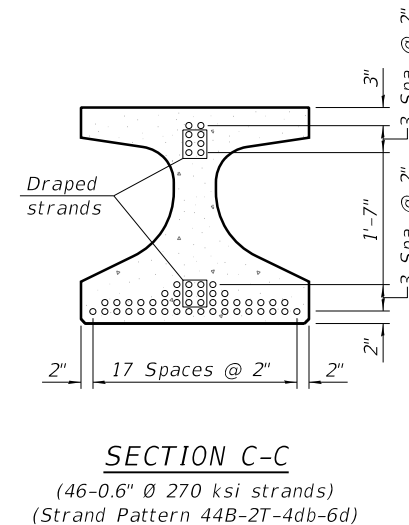
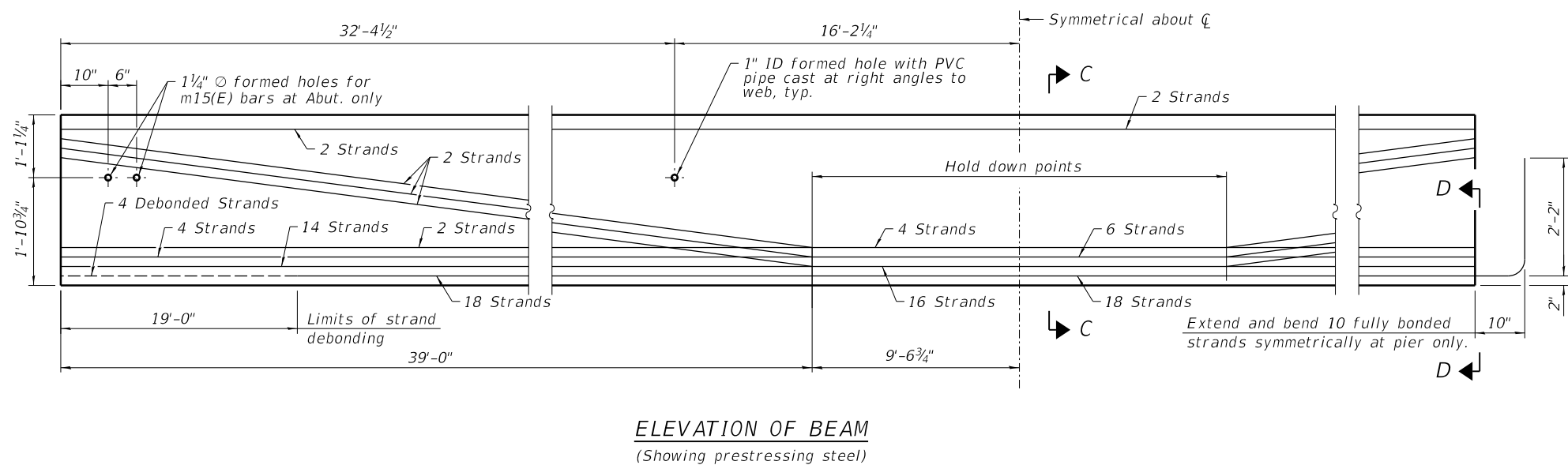
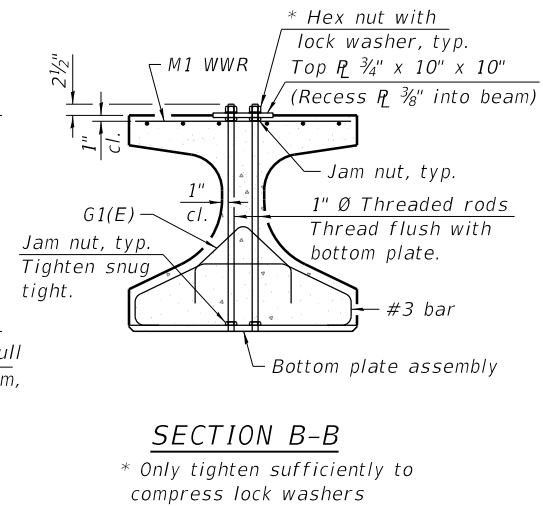
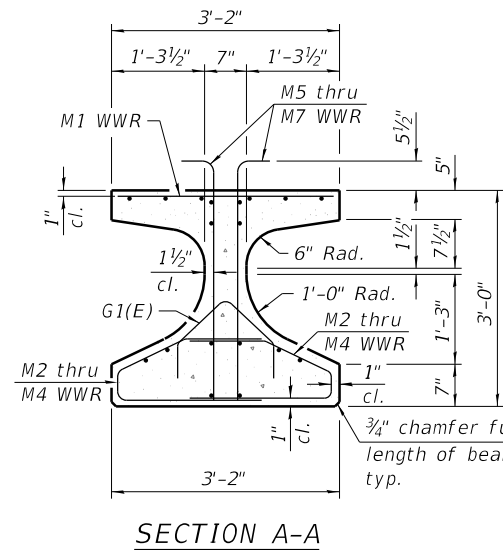
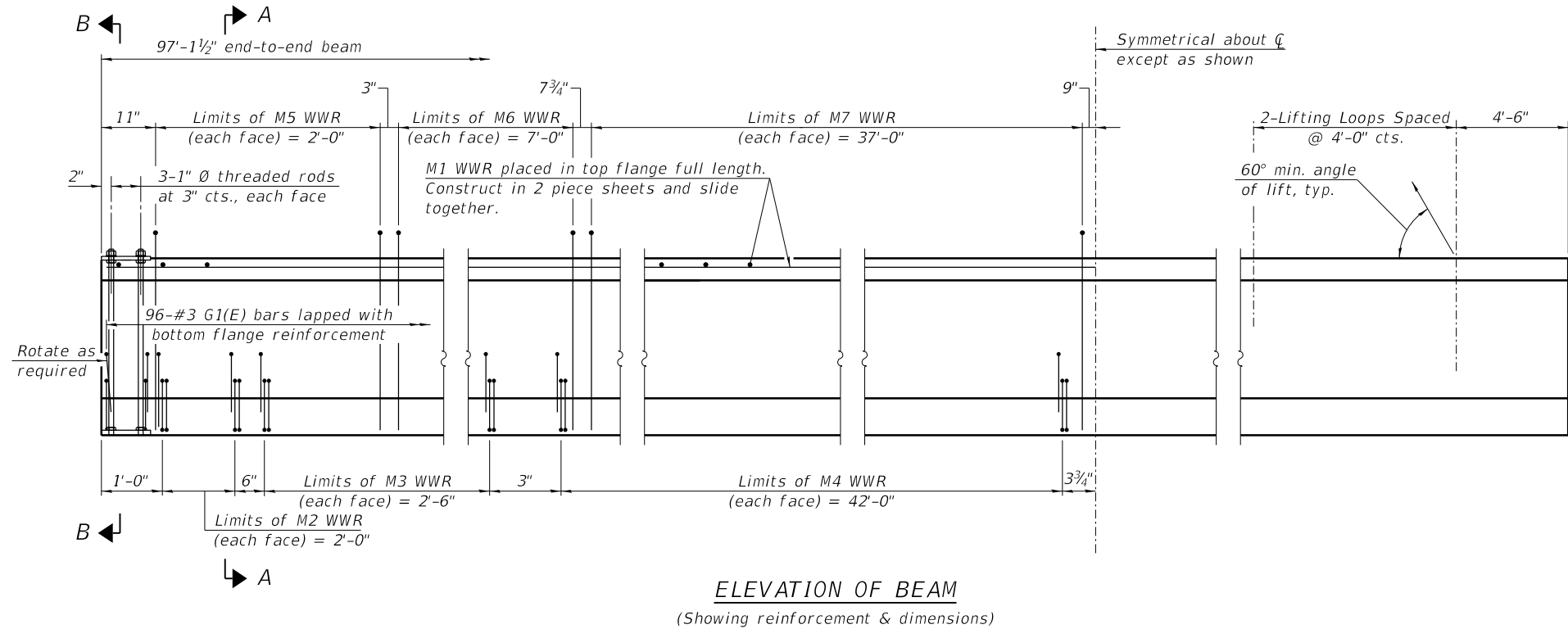
SHEET 5-16 OF 5-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	71
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

AECOM
ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-7700

USER NAME = jeremy.borjas	DESIGNED MB	REVISED -
PLOT SCALE = N.T.S.	CHECKED MK	REVISED -
PLOT DATE = 6/3/2026	DRAWN GF	REVISED -
	CHECKED MK	REVISED -

MODEL: Sheet
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Note:
See sheet S-20 of S-28 for additional details and Bill of Material.

IL36-3838

5-15-2023



USER NAME = jeremy.borjas	DESIGNED MB	REVISED -
	CHECKED MK	REVISED -
PLOT SCALE = N.T.S.	DRAWN GF	REVISED -
PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

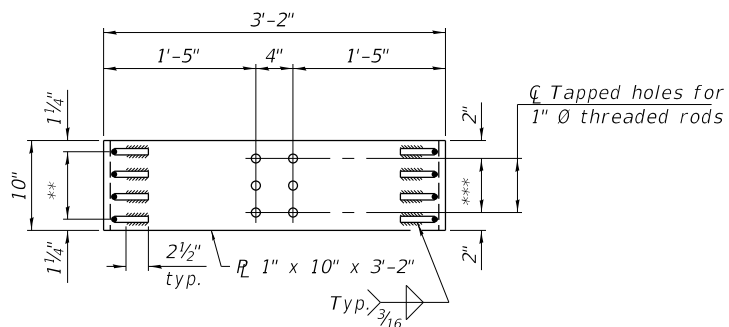
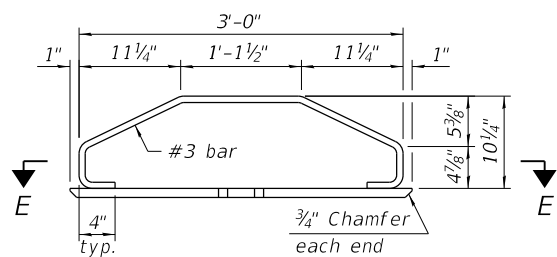
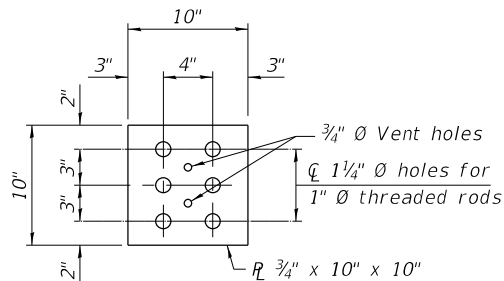
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL36 BEAM (SPAN 1)
SN 056-3104

SHEET S-18 OF S-31 SHEETS

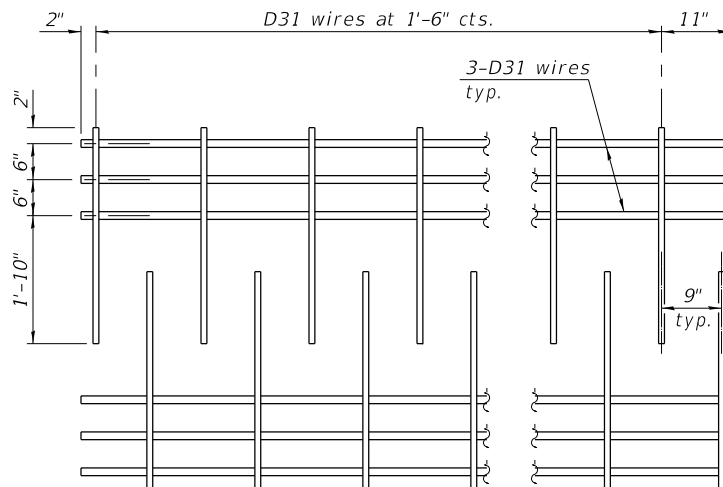
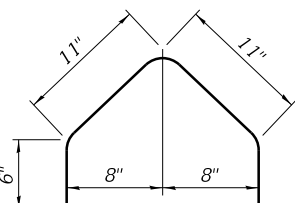
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0027	18-00488-00-BR	MCHENRY	117	73
CONTRACT NO. 61L85				

ILLINOIS FED. AID PROJECT



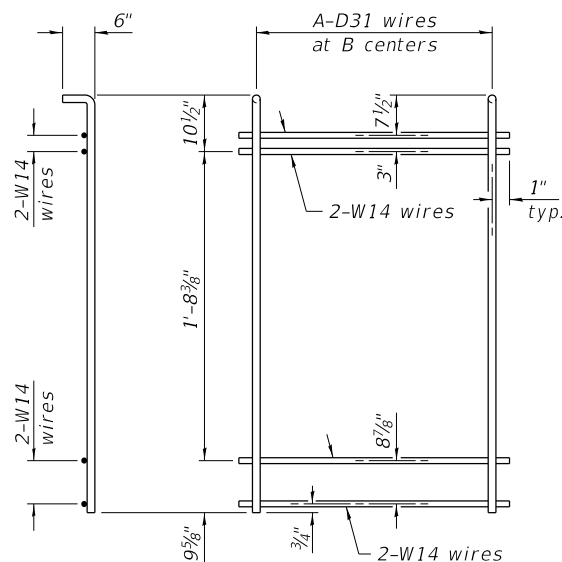
SECTION E-E
 ** 3 Spaces at $2\frac{1}{2}" = 7\frac{1}{2}"$

*** 2 Spaces at 3" = 6"



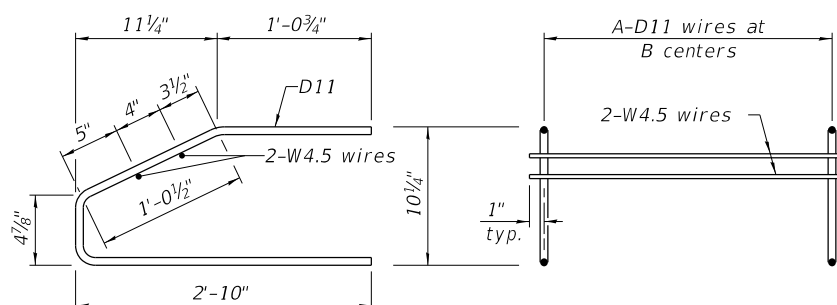
M1 WWR DETAIL

When multiple sheets of M1 WWR are required along the beam length, #5(E) bars (5'-0" long) shall be used to splice the longitudinal D31 wires together (Min. Lap 2'-4").



M5 THRU M8 WWR DETAIL

(See Table of Dimensions)



M2 THRU M3 WWR DETAIL

(See Table of Dimensions)

TABLE OF DIMENSIONS

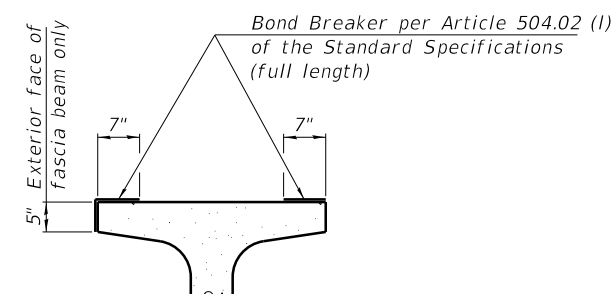
(The WWR designs assume grade 60. If necessary, this permits the fabricator to directly substitute grade 60 rebar as detailed in the Manual for Fabrication of Precast Prestressed Concrete Products.)

SPAN 1

<i>WWR</i>	<i>A</i>	<i>B</i>
<i>M2</i>	9	3"
<i>M3</i>	6	6"
<i>M4</i>	29	1'-6"
<i>M5</i>	9	3"
<i>M6</i>	15	6"
<i>M7</i>	38	1'-0"
<i>M8</i>	-	2'-0"

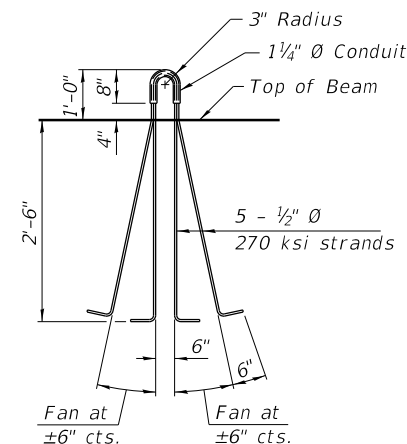
SPAN 2

<i>WWR</i>	<i>A</i>	<i>B</i>
<i>M2</i>	9	3"
<i>M3</i>	6	6"
<i>M4</i>	33	1'-6"
<i>M5</i>	9	3"
<i>M6</i>	18	6"
<i>M7</i>	43	1'-0"
<i>M8</i>	-	2'-0"



SECTION THRU TOP FLANGE

(Showing limits of bond breaker)



LIFTING LOOP DETAIL

BILL OF MATERIAL

<i>Item</i>	<i>Unit</i>	<i>Total</i>
<i>Furnishing and Erecting Precast Prestressed Concrete Beams, 1L36N</i>	<i>Ft.</i>	<i>1,451</i>

IL36-3838D

4-4-2025



ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST., SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-7700

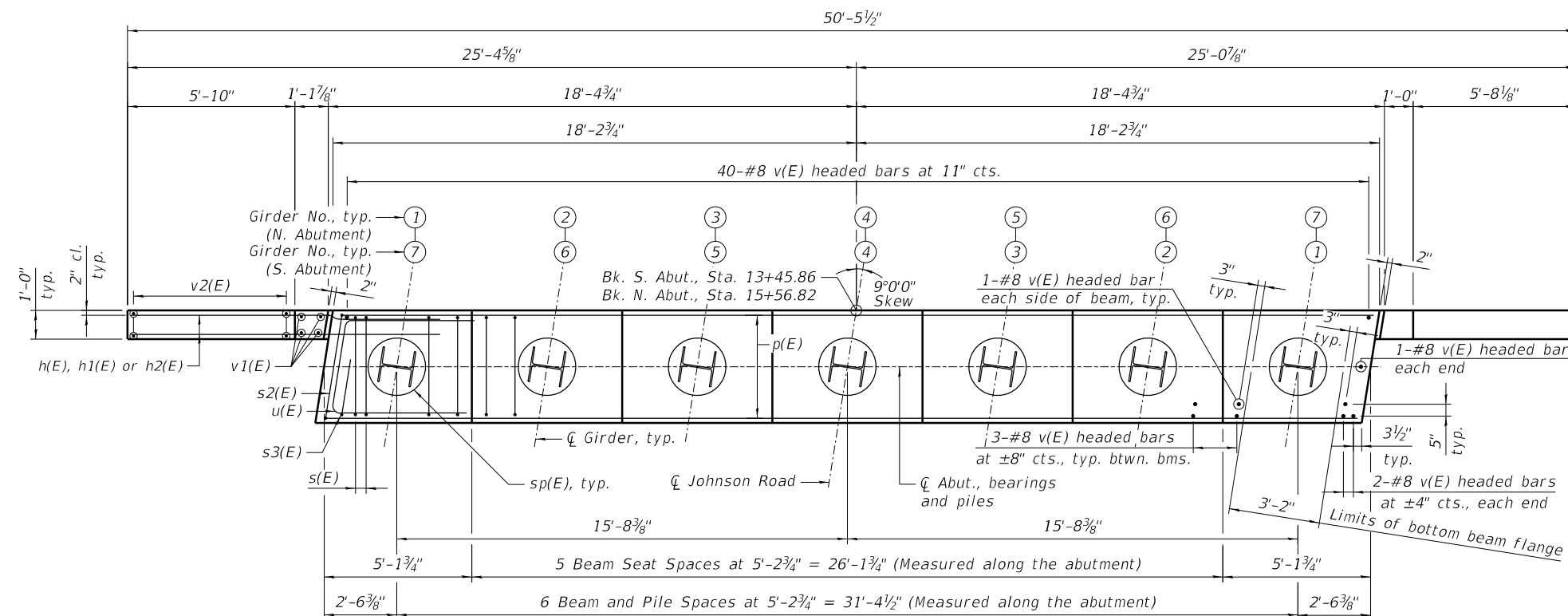
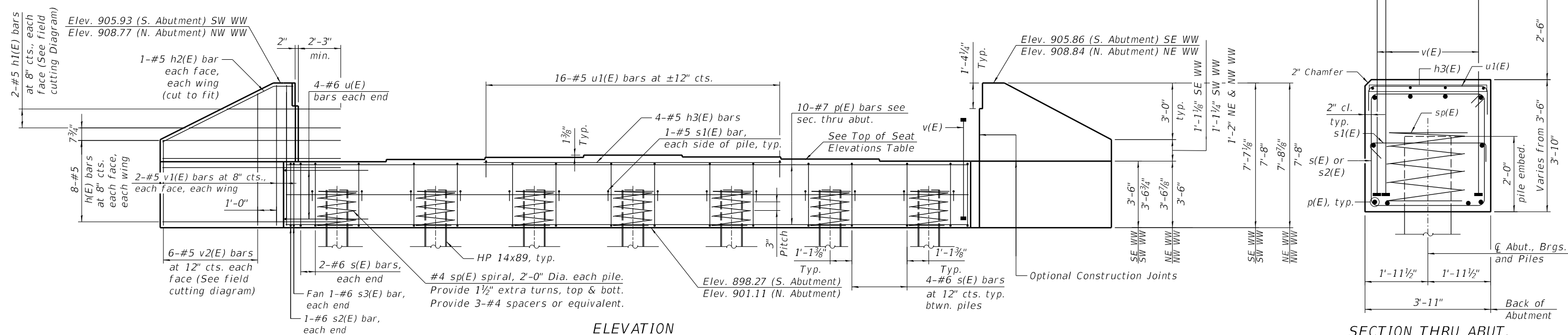
USER NAME = jeremy.borjas	DESIGNED MB	REVISED -
	CHECKED MK	REVISED -
PLOT SCALE = N.T.S.	DRAWN GF	REVISED -
PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL36 BEAM DETAILS
SN 056-3104

SHEET S-20 OF S-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	75
		CONTRACT NO. 61L85		
ILLINOIS		FED. AID PROJECT		



TOP OF SEAT
ELEVATIONS
S. ABUTMENT

<i>Girder No.</i>	<i>Seat Elev.</i>
1	901.77
2	901.88
3	901.99
4	902.11
5	902.02
6	901.93
7	901.83

TOP OF SEAT
ELEVATIONS
N. ABUTMENT

<i>Girder No.</i>	<i>Seat Elev.</i>
1	904.61
2	904.73
3	904.84
4	904.96
5	904.86
6	904.77
7	904.68

PILE DATA - SOUTH ABUT.

Type: HP 14X89
Nominal Required Bearing: 557 kips
Factored Resistance Available: 306 kips
Est. Length: 55 ft
No. Production Piles: 6
No. Test Piles: 1

PILE DATA - NORTH ABUT.

Type: HP 14X89
Nominal Required Bearing: 556 kips
Factored Resistance Available: 306 kips
Est. Length: 61 ft
No. Production Piles: 6
No. Test Piles: 1

- NOTES:

1. See Sheet S-22 for Field Cutting Diagram, Bar list and Bill of Material.
2. For details of piles, see Sheet S-25.
3. Pour steps monolithically with cap.
4. Bar terminators, paid for separately. See Total Bill of Material.

MODEL Sheet
FILE NAME: p:\w\aecom-ne-pw\entley.com\AECOM_USA_Illinois\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD_GIS\010_CAD\03_SHEETS\Structural\3104_S-22_Abut_Details.dgn

AECOM
ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-3700

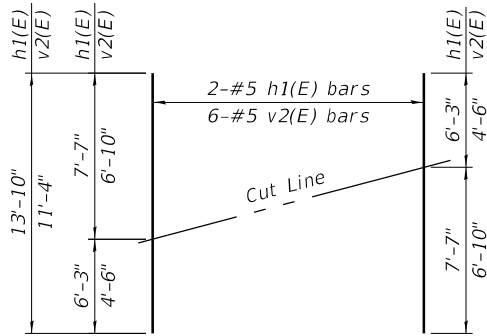
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		CHECKED	MK	REVISED	-
PLOT SCALE	= N.T.S.	DRAWN	GF	REVISED	-
PLOT DATE	= 7/6/2026	CHECKED	MK	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT DETAILS
SN 056-3104

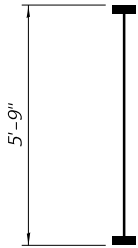
SHEET 5-22 OF S-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	77
		CONTRACT NO. 61L85		
		ILLINOIS	FED. AID PROJECT	



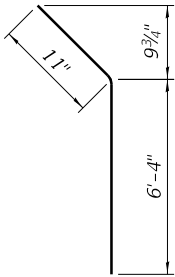
FIELD CUTTING DIAGRAM

Order h1(E) and v2(E) bars full length. Cut as shown and use remainder of bars in opposite wing.

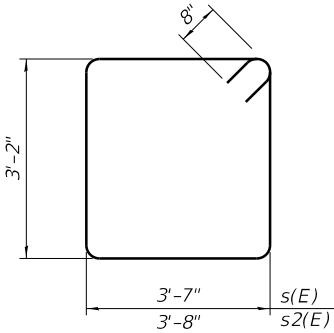


BAR v(E)

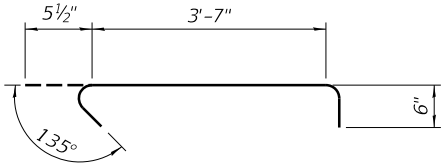
(Headed. 312-#8 Bar terminators)



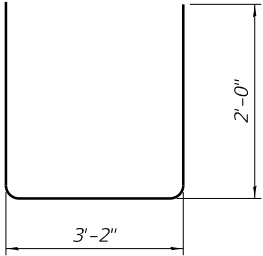
BAR h2(E)



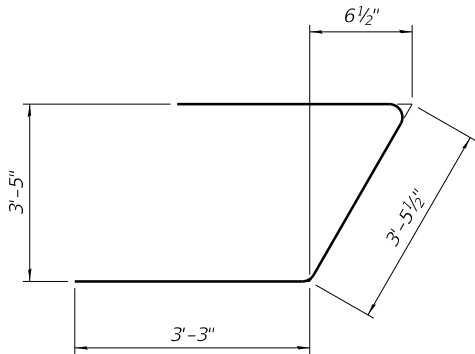
BARS s(E) & s2(E)



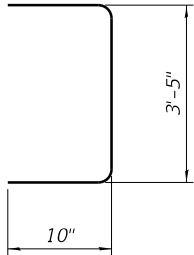
BAR s1(E)



BAR s3(E)



BAR u(E)



BAR u1(E)

BILL OF MATERIAL
S. ABUTMENT

Bar	No.	Size	Length	Shape
h(E)	32	#5	9'-4"	=====
h1(E)	4	#5	13'-10"	=====
h2(E)	4	#5	7'-3"	=====
h3(E)	4	#5	15'-4"	=====
p(E)	10	#7	36'-1"	=====
s(E)	28	#6	14'-10"	=====
s1(E)	14	#5	4'-7"	=====
s2(E)	2	#6	15'-0"	=====
s3(E)	2	#6	7'-2"	=====
* sp(E)	7	#4	2'-0"	=====
u(E)	8	#6	10'-0"	=====
u1(E)	16	#5	5'-1"	=====
v(E)	78	#8	5'-9"	=====
v1(E)	8	#5	7'-4"	=====
v2(E)	12	#5	11'-4"	=====
Structure Excavation			Cu. Yd.	110
Concrete Structures			Cu. Yd.	22.8
Reinforcement Bars, Epoxy Coated			Pounds	3,580
Furnishing Steel Piles HP 14x89			Foot	330
Driving Piles			Foot	330
Test Pile Steel HP 14x89			Each	1
Pile Shoes			Each	7
Concrete Sealer			Sq Ft	310

* Length is height of spiral.

BILL OF MATERIAL
N. ABUTMENT

Bar	No.	Size	Length	Shape
h(E)	32	#5	9'-4"	=====
h1(E)	4	#5	13'-10"	=====
h2(E)	4	#5	7'-3"	=====
h3(E)	4	#5	15'-4"	=====
p(E)	10	#7	36'-1"	=====
s(E)	28	#6	14'-10"	=====
s1(E)	14	#5	4'-7"	=====
s2(E)	2	#6	15'-0"	=====
s3(E)	2	#6	7'-2"	=====
* sp(E)	7	#4	2'-0"	=====
u(E)	8	#6	10'-0"	=====
u1(E)	16	#5	5'-1"	=====
v(E)	78	#8	5'-9"	=====
v1(E)	8	#5	7'-4"	=====
v2(E)	12	#5	11'-4"	=====
Structure Excavation			Cu. Yd.	96
Concrete Structures			Cu. Yd.	22.8
Reinforcement Bars, Epoxy Coated			Pounds	3,580
Furnishing Steel Piles HP 14x89			Foot	366
Driving Piles			Foot	366
Test Pile Steel HP 14x89			Each	1
Pile Shoes			Each	7
Concrete Sealer			Sq Ft	308

* Length is height of spiral.

MODEL Sheet
FILE NAME: p:\w\aecon-ne\pw\entley.com\AECOM_USA_Illinois\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\10-CADD\03-SHEETS\Structural\3104-S-23 Pier Plan and Elevation.dgn



ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-7700

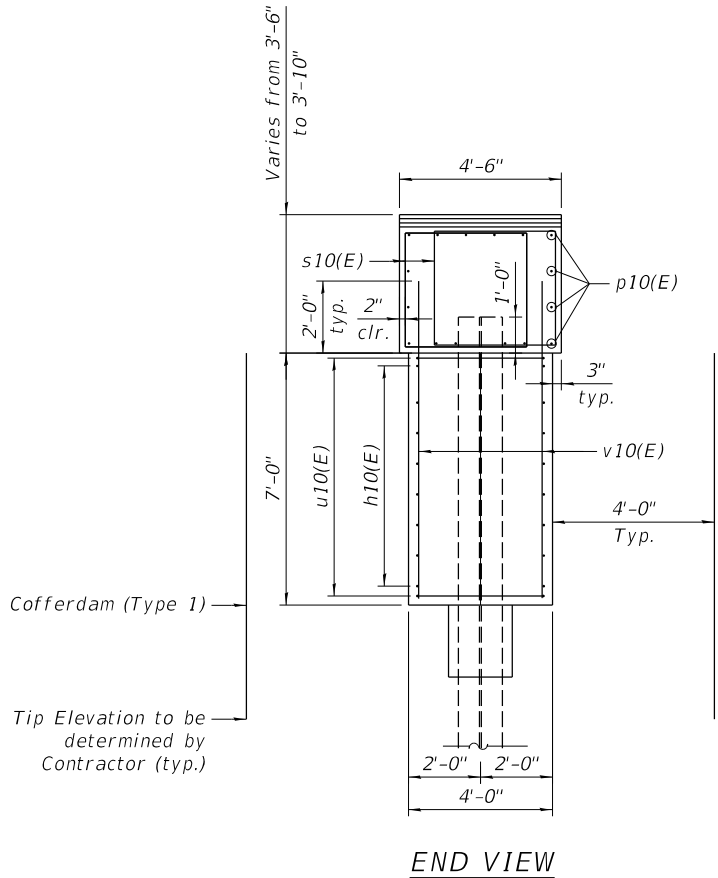
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER PLAN AND ELEVATION
SN 056-3104

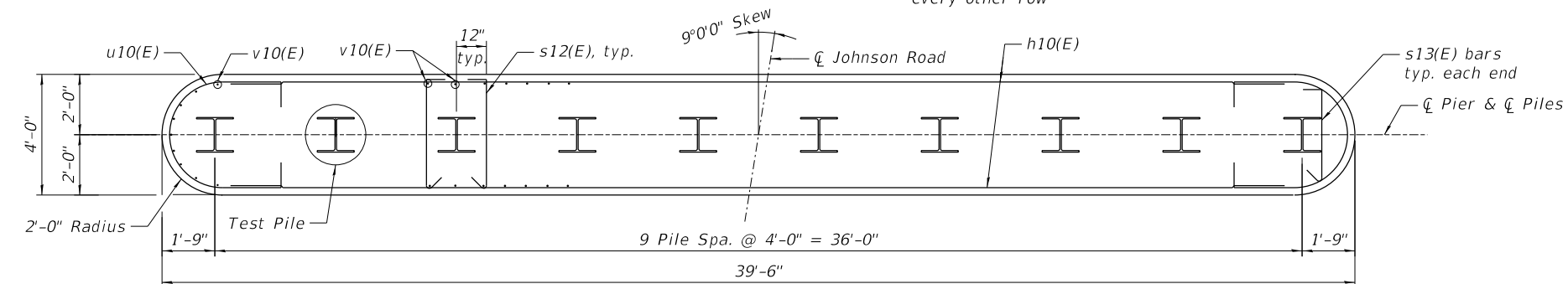
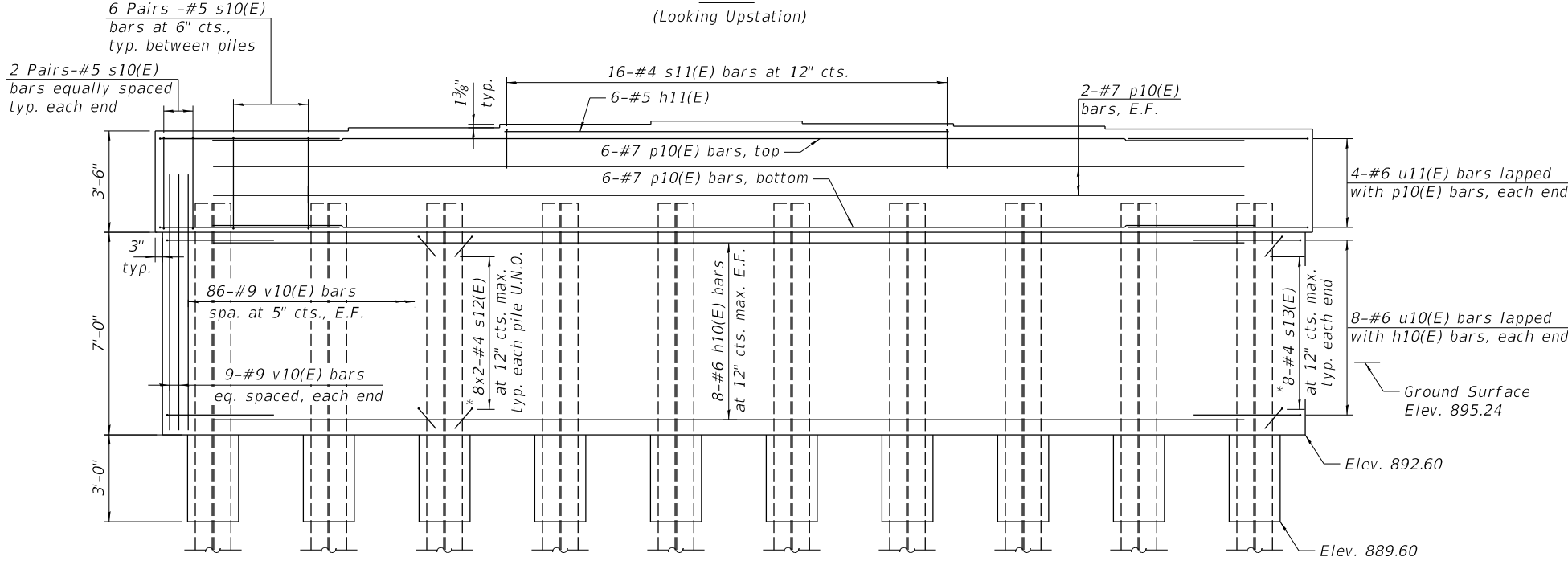
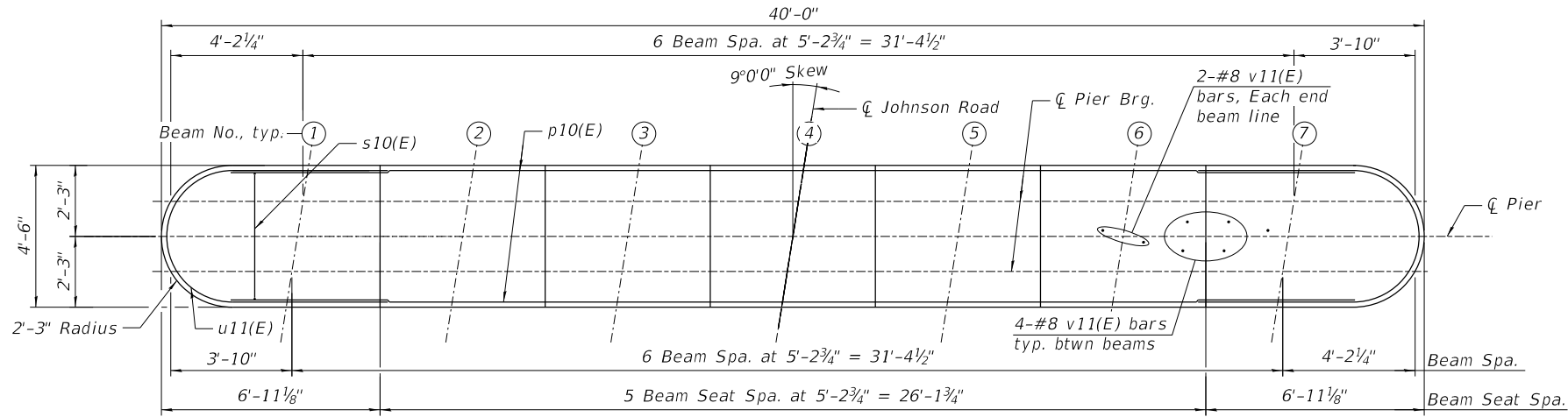
SHEET 5-23 OF 5-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	78
				CONTRACT NO. 61L85
ILLINOIS FED. AID PROJECT				



BEARING SEAT
ELEVATION

Beam No.	Seat Elev.
1	903.10
2	903.21
3	903.33
4	903.44
5	903.35
6	903.26
7	903.17



PILE DATA

Type: HP 14X89
Nominal Required Bearing: 676 kips
Factored Resistance Available: 368 kips
Est. Length: 72 ft
No. Production Piles: 9
No. Test Piles: 1

NOTES

- See Sheet S-24 for Bar list and Bill of Material.
- For details of piles, see Sheet S-25.
- Pour steps monolithically with cap.
- Space cap reinforcement to miss anchor bolts.

MODEL Sheet
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AECOM
ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 373-3700

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

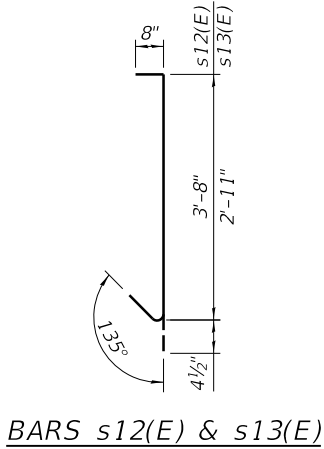
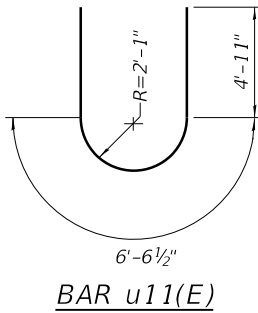
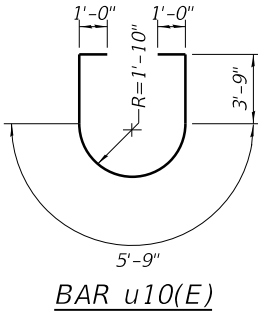
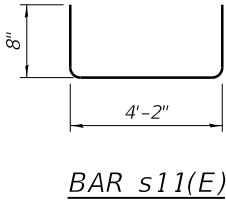
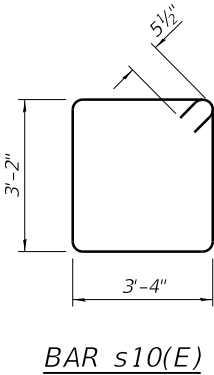
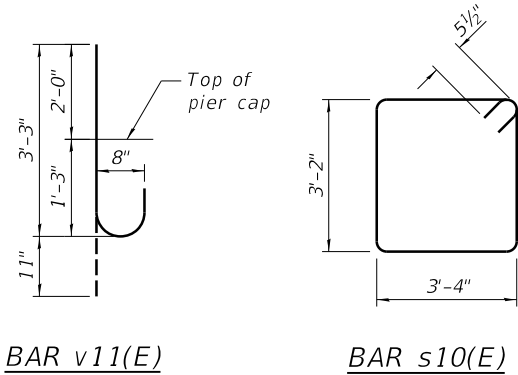
PIER DETAILS
SN 056-3104

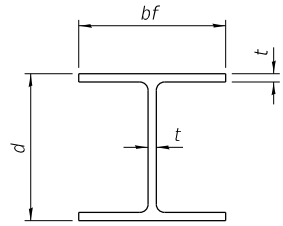
SHEET 5-24 OF S-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	79
				CONTRACT NO. 61L85
		ILLINOIS	FED. AID PROJECT	

BILL OF MATERIAL

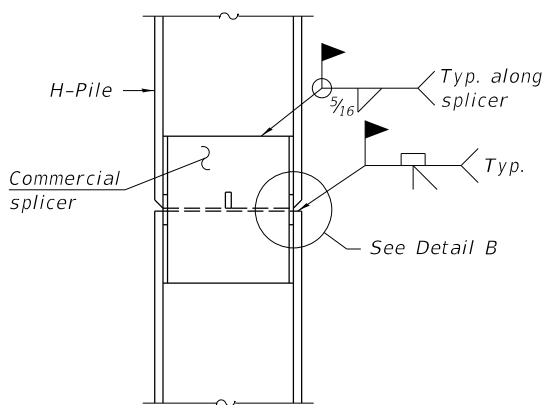
Bar	No.	Size	Length	Shape
h10(E)	16	#6	35'-6"	————
h11(E)	6	#5	15'-4"	————
p10(E)	16	#7	35'-6"	————
s10(E)	116	#5	13'-11"	□
s11(E)	16	#4	5'-6"	□
s12(E)	144	#4	4'-9"	└─┘
s13(E)	16	#4	4'-0"	└─┘
u10(E)	16	#6	15'-3"	└─┘
u11(E)	8	#6	16'-5"	└─┘
v10(E)	190	#9	8'-10"	————
v11(E)	36	#8	4'-2"	└─┘
Cofferdam Excavation			Cu. Yd.	57
Cofferdam (Type 1) (Location - 1)			Each	1
Concrete Structures			Cu. Yd.	63.9
Concrete Encasement			Cu. Yd.	5.5
Reinforcement Bars, Epoxy Coated			Pound	11,030
Furnishing Steel Piles HP 14x89			Foot	648
Driving Piles			Foot	648
Test Pile Steel HP 14x89			Each	1
Pile Shoes			Each	10
Concrete Sealer			Sq. Ft.	1,232



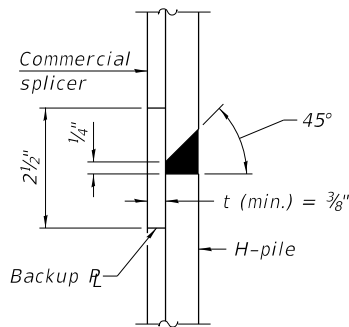


STEEL PILE TABLE

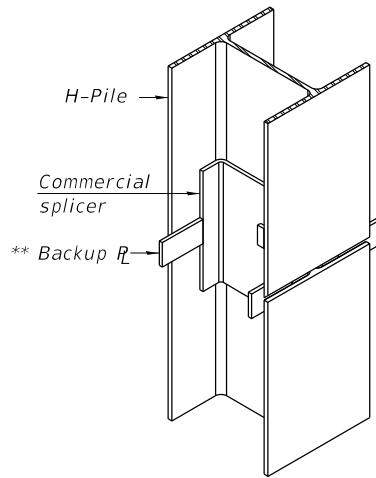
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 18x181	18	18	1	36"
x157	17¾"	17⅞"	⅞"	36"
x135	17½"	17¾"	¾"	36"
HP 16x183	16½"	16½"	1⅞"	36"
x162	16¼"	16⅞"	1"	36"
x141	16	16	⅞"	36"
x121	15¾"	15⅞"	¾"	36"
HP 14x117	14¼"	14⅞"	1⅜"	30"
x102	14"	14¾"	1⅞"	30"
x89	13⅞"	14¾"	⅝"	30"
x73	13⅝"	14⅞"	½"	30"
HP 12x84	12¼"	12¼"	1⅞"	24"
x74	12⅞"	12¼"	⅝"	24"
x63	12"	12⅞"	½"	24"
x53	11¾"	12"	⅞"	24"
HP 10x57	10"	10¼"	⅞"	24"
x42	9¾"	10⅞"	⅞"	24"
HP 8x36	8"	8⅞"	⅞"	18"



ELEVATION

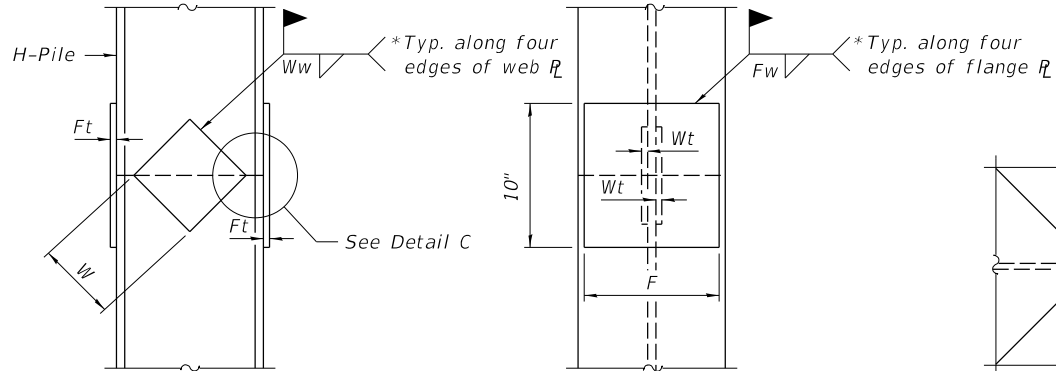


DETAIL B



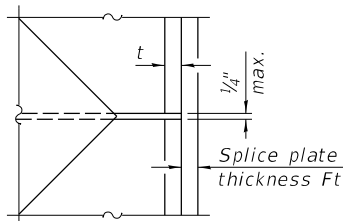
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



ELEVATION

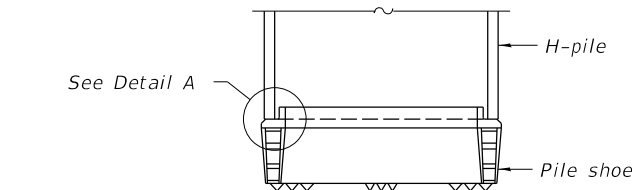
END VIEW



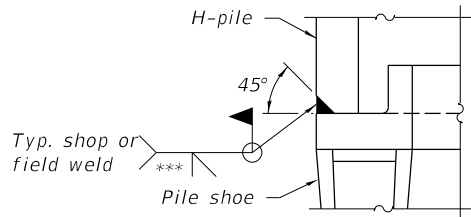
DETAIL C

Designation	F	Ft	Fw	W	Wt	Ww
HP 18x181	15½"	1½"	1"	9½"	⅞"	¾"
x157	15¼"	1¼"	1"	9½"	⅞"	¾"
x135	15¼"	1¼"	1"	9½"	⅞"	¾"
HP 16x183	13¾"	1½"	1"	8¼"	⅞"	¾"
x162	13½"	1½"	1"	8¼"	¾"	⅝"
x141	13½"	1¼"	⅞"	8¼"	¾"	⅝"
x121	13½"	1¼"	⅞"	8¼"	¾"	⅝"
HP 14x117	12½"	1¼"	⅞"	7¾"	⅝"	½"
x102	12½"	1"	¾"	7¾"	⅝"	½"
x89	12½"	⅞"	1⅞"	7¾"	⅝"	½"
x73	12½"	¾"	⅞"	7¾"	⅝"	½"
HP 12x84	10"	1"	1⅞"	6½"	⅝"	½"
x74	10"	⅞"	1⅞"	6½"	⅝"	½"
x63	10"	¾"	½"	6½"	½"	⅜"
x53	10"	¾"	½"	6½"	½"	⅜"
HP 10x57	8"	⅞"	⅞"	5¼"	½"	⅜"
x42	8"	¾"	⅞"	5¼"	½"	⅜"
HP 8x36	6¾"	⅝"	⅞"	4"	½"	⅜"

WELDED PLATE FIELD SPLICE



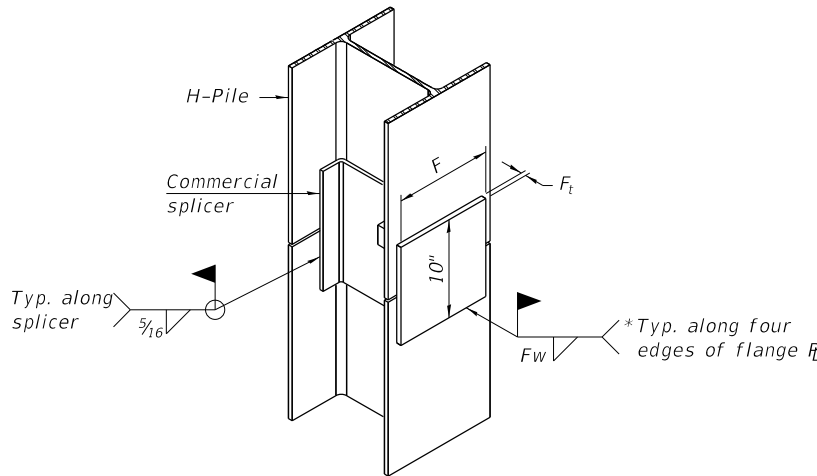
ELEVATION



DETAIL A

SHOE ATTACHMENT

Note:
The steel H-piles shall be according to
AASHTO M270 Grade 50.



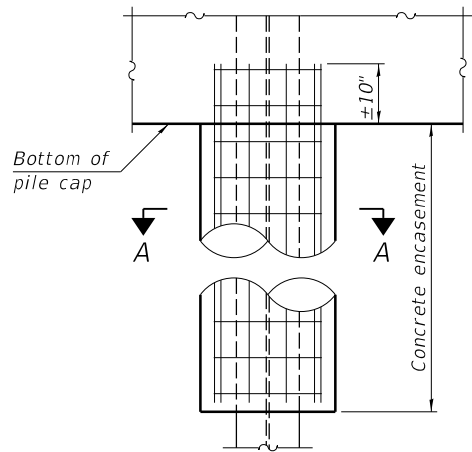
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

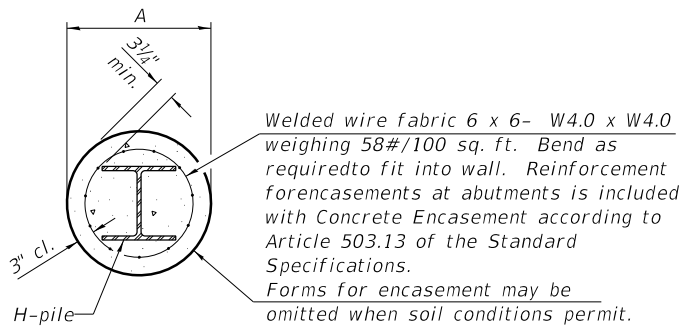
* Interrupt welds ¼" from end of web and/or each flange.

** Remove portions of backup flange that extend outside the flanges.

*** Weld size per pile shoe manufacturer (⅞" min.).



ELEVATION



SECTION A-A

INDIVIDUAL PILE
CONCRETE ENCASUREMENT
(when specified)

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4-4-2025

USER NAME	= jeremy.borjas
PLOT SCALE	= N.T.S.
PLOT DATE	= 6/3/2026

DESIGNED	MB
CHECKED	MK
DRAWN	GF
CHECKED	MK

REVISED	-
REVISED	-
REVISED	-
REVISED	-

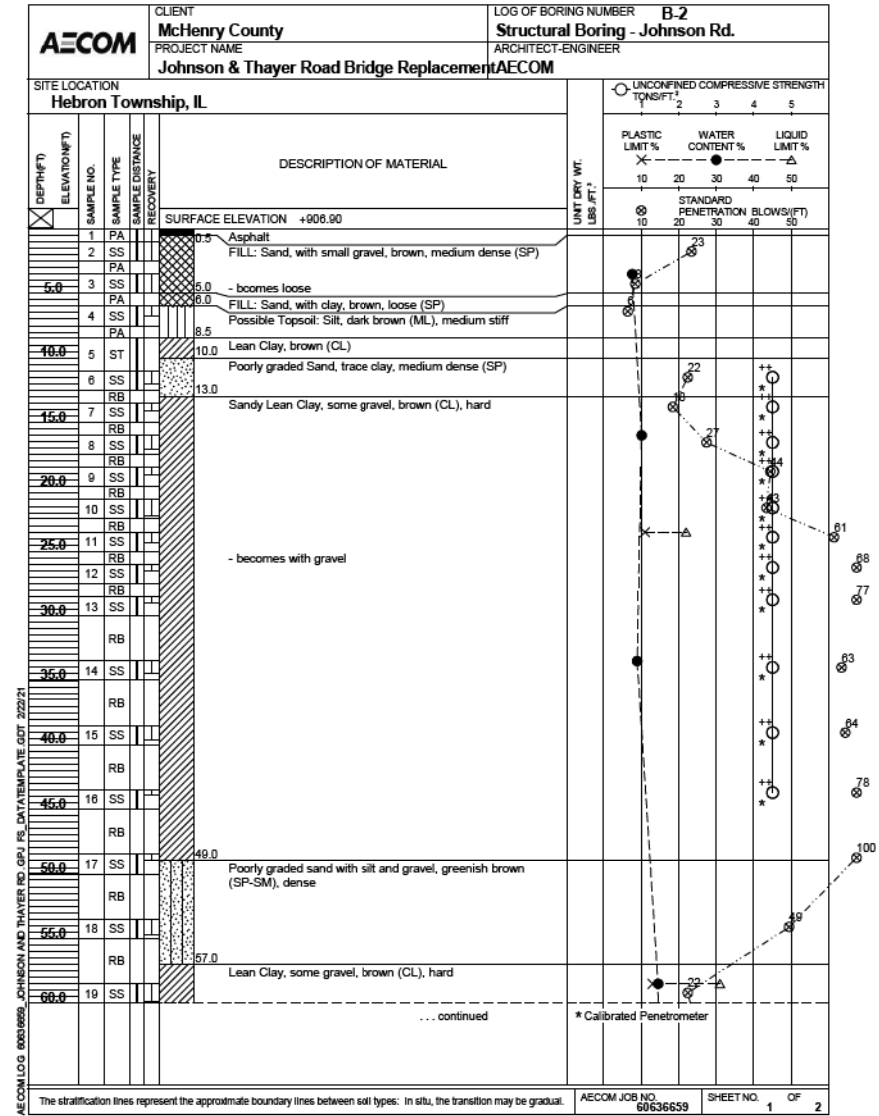
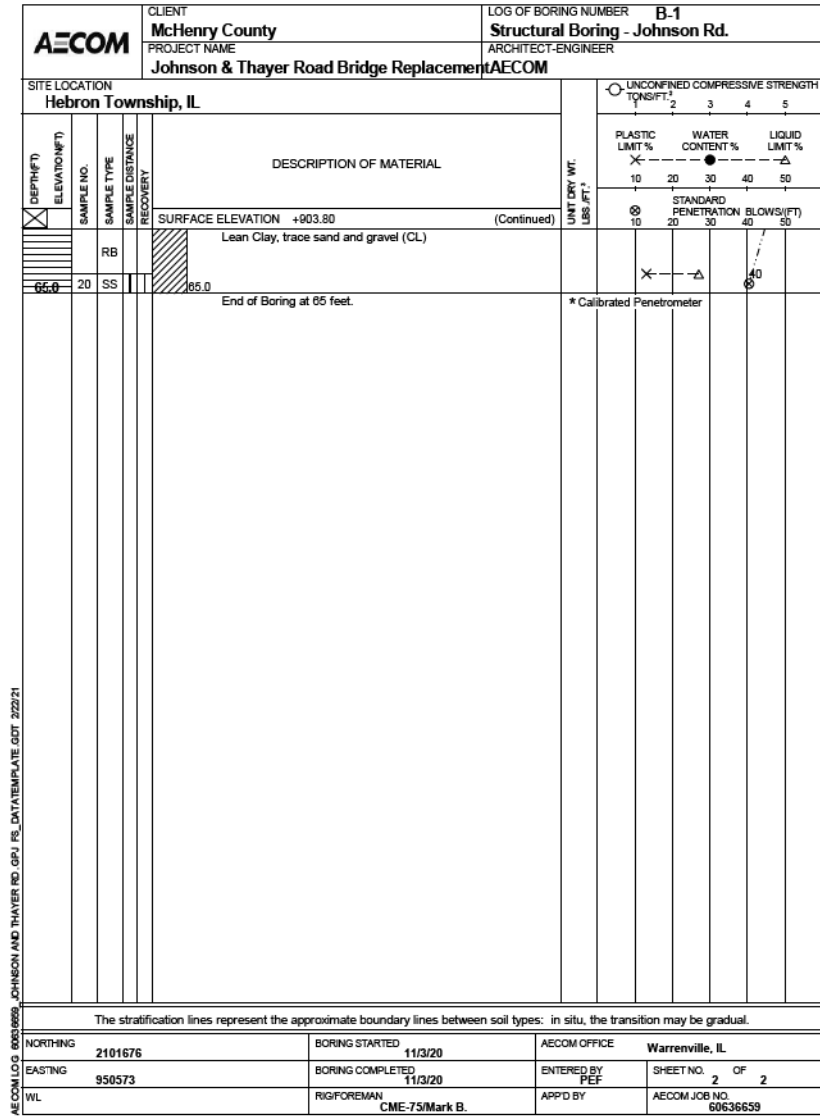
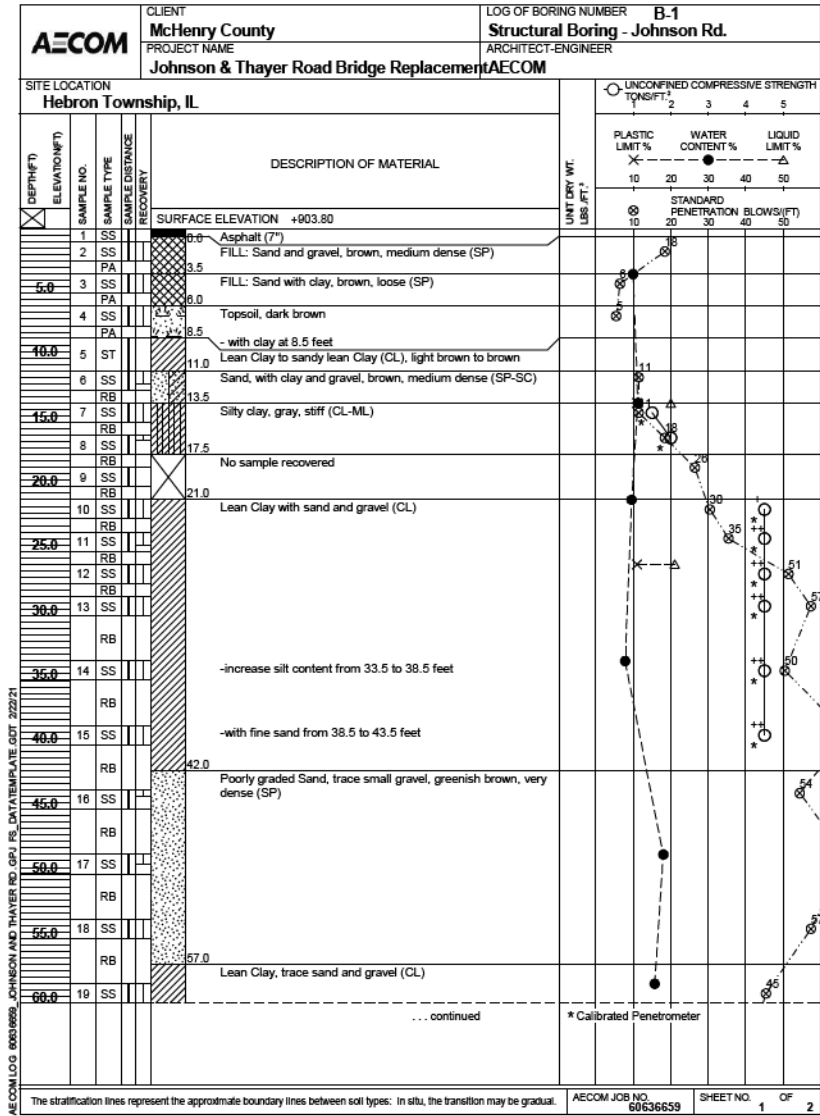
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HP PILE DETAILS
SN 056-3104

SHEET 5-25 OF 5-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	80
				CONTRACT NO. 61L85
ILLINOIS FED. AID PROJECT				

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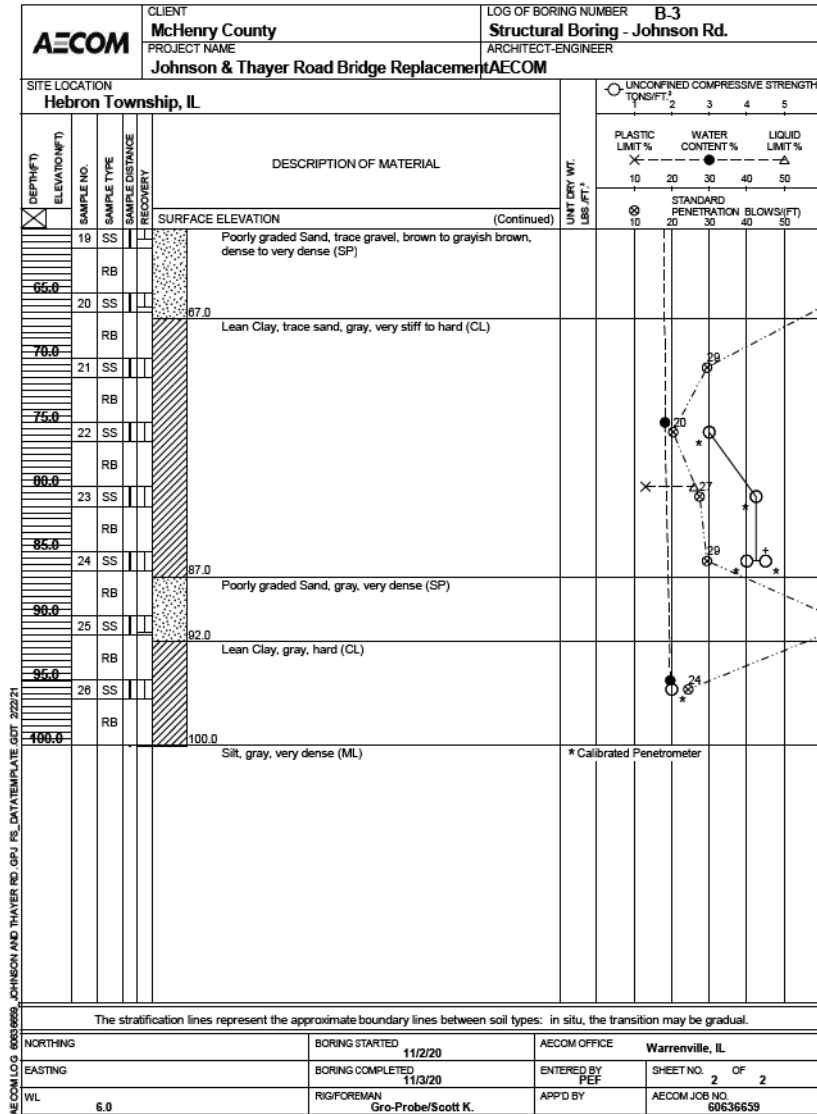
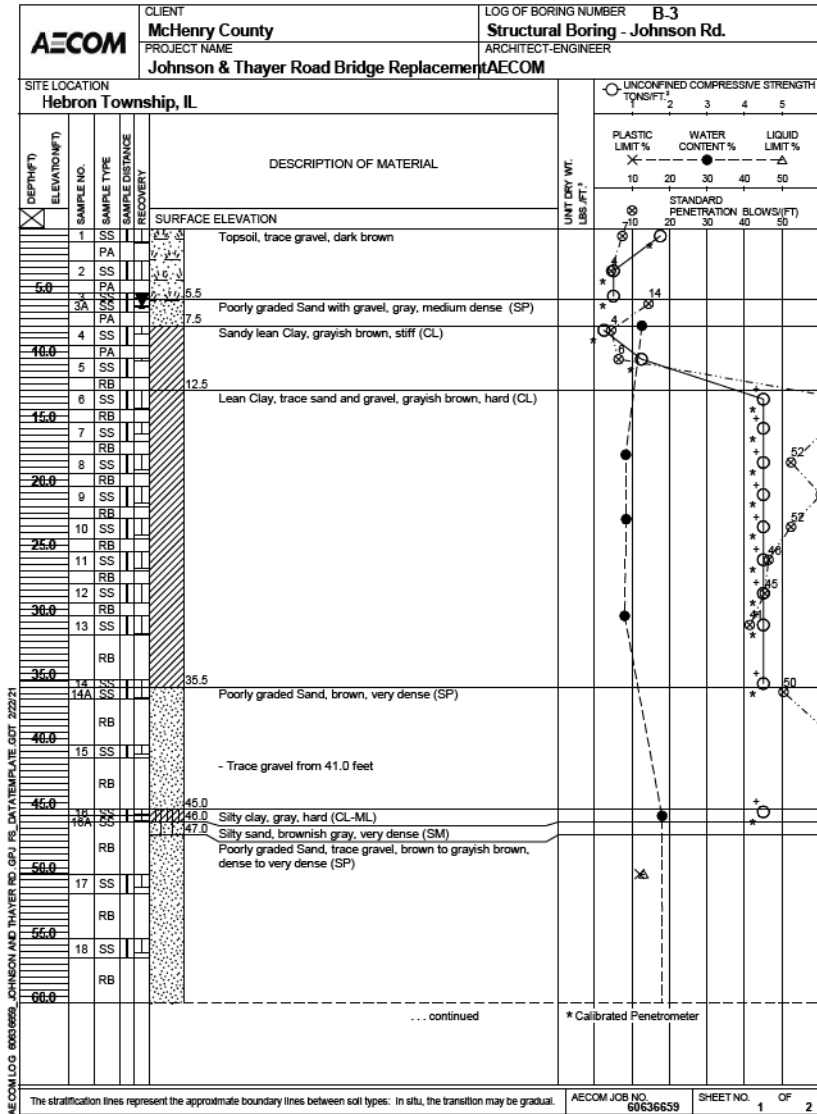
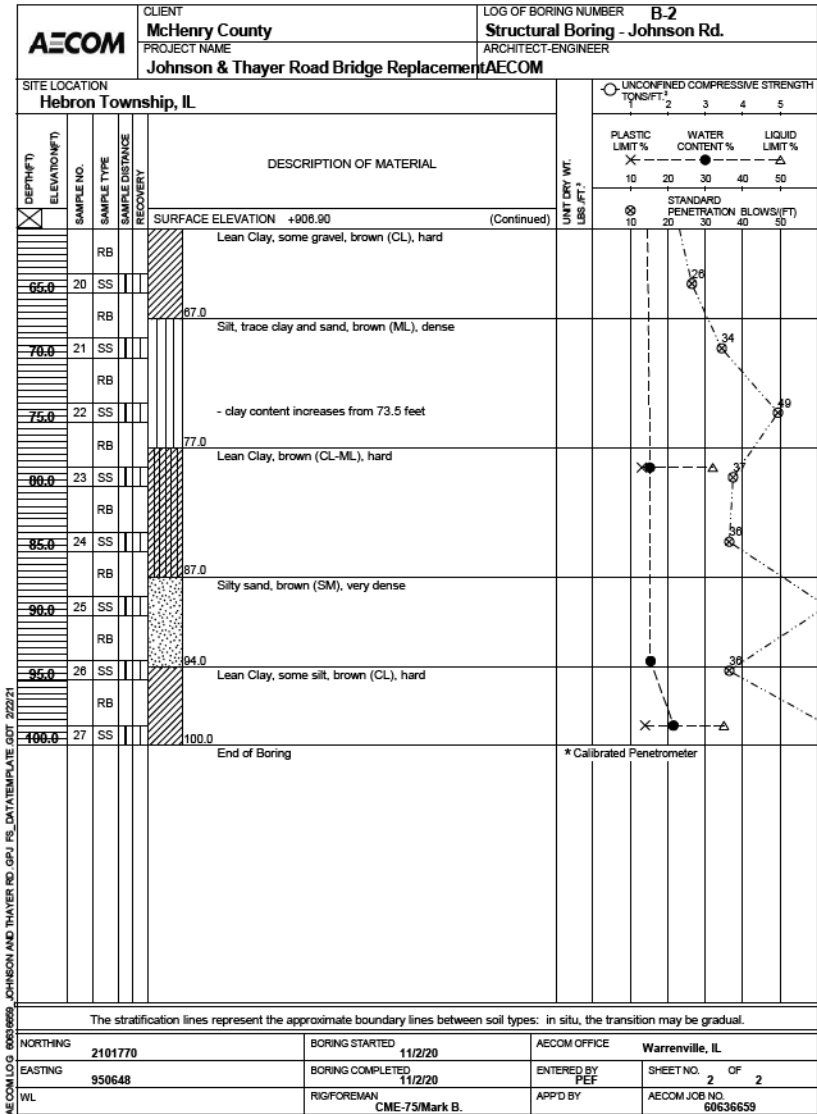
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS I
SN 056-3104

SHEET 5-26 OF 5-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	81
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

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		CHECKED	MK	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS II
SN 056-3104

SHEET 5-27 OF 5-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHEMRY	117	82
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

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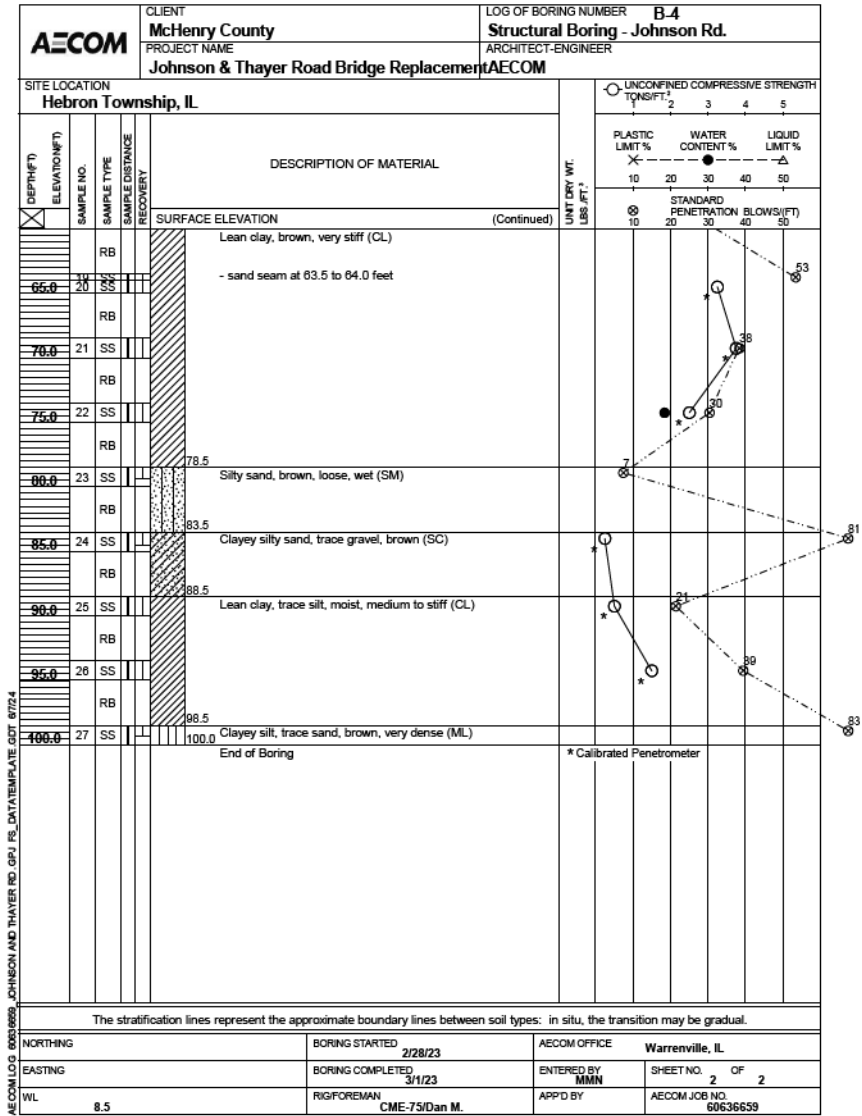
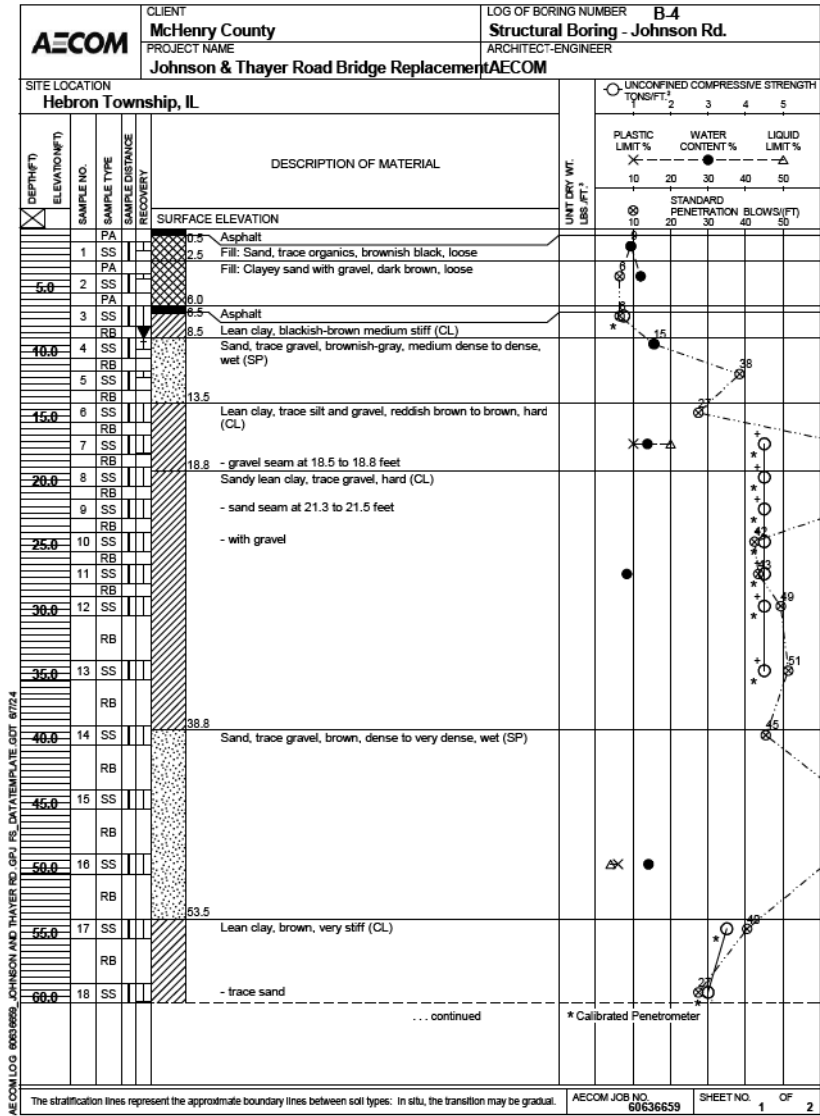
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PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS III
SN 056-3104

SHEET 5-28 OF S-31 SHEETS

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



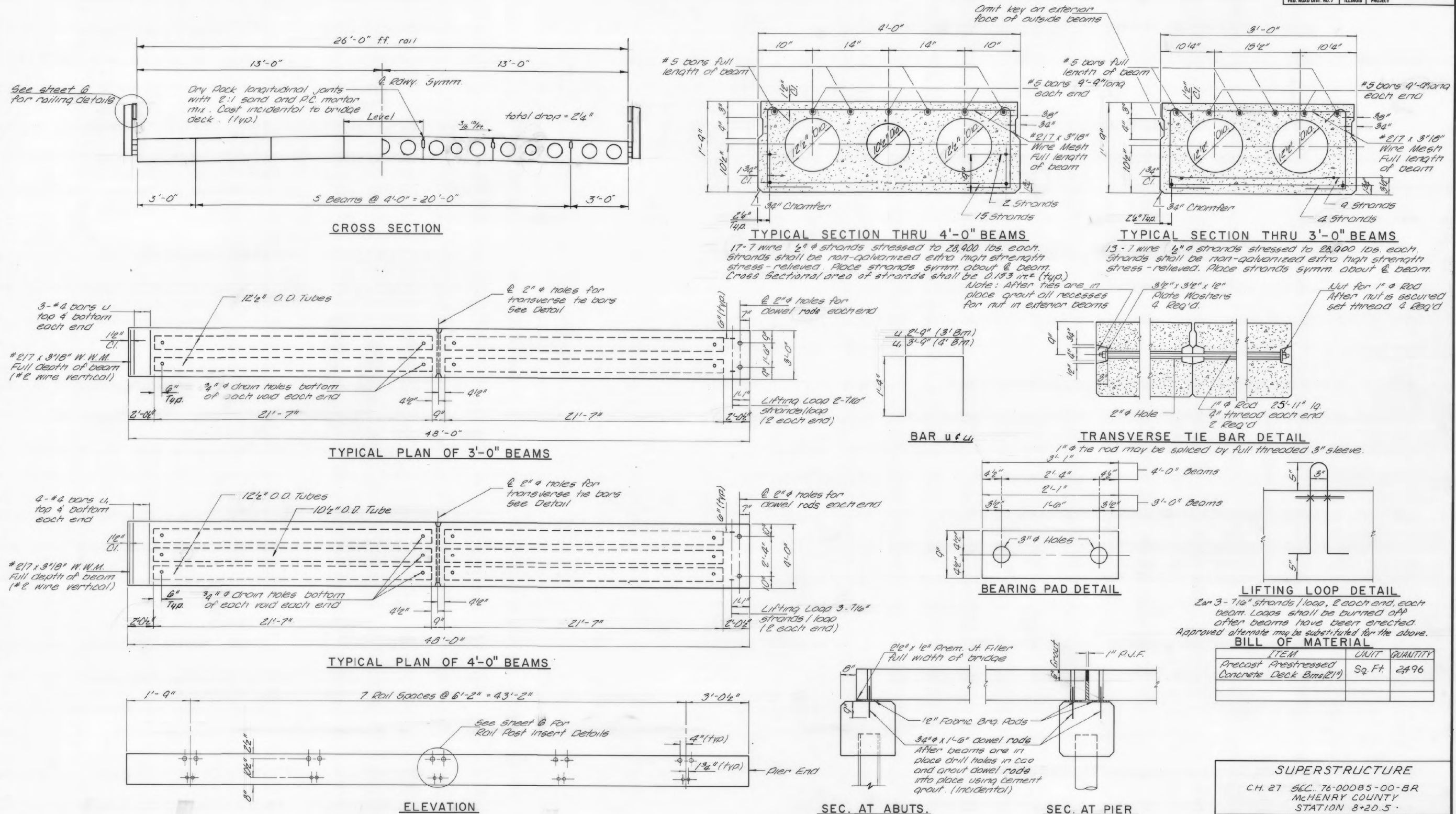
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C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	84
		CONTRACT NO. 61L85		
ILLINOIS		FED. AID PROJECT		

FOR INFORMATION ONLY

DIETZEN 1988 AGEPROOF

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
CH 27	76-00085-00-88	McHENRY	8	5
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		



ITEM	UNIT	QUANTITY
Precast Prestressed Concrete Deck Bms(21')	Sq. Ft.	2496

SUPERSTRUCTURE	
CH. 27	SEC. 76-00085-00-88
McHENRY COUNTY	
STATION 8+20.5	
COLLINS AND RICE	
CONSULTING ENGINEERS	
DESIGNED MB	CHECKED F.B.
DRAWN RRS	DATE 11-28-77 No. 1214

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USER NAME = jeremy.borjas	DESIGNED MB	REVISED -
	CHECKED MK	REVISED -
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PLOT DATE = 6/3/2026	CHECKED MK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

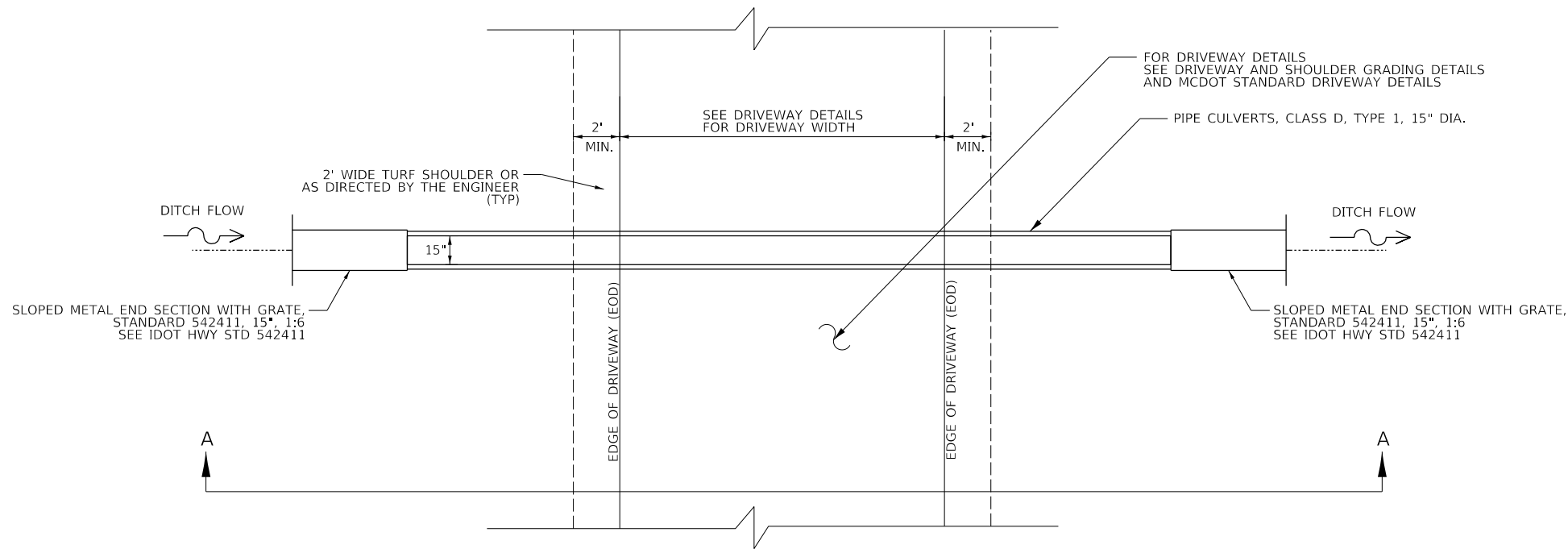
EXISTING PLANS II
SN 056-3104

SHEET 5-30 OF 5-31 SHEETS

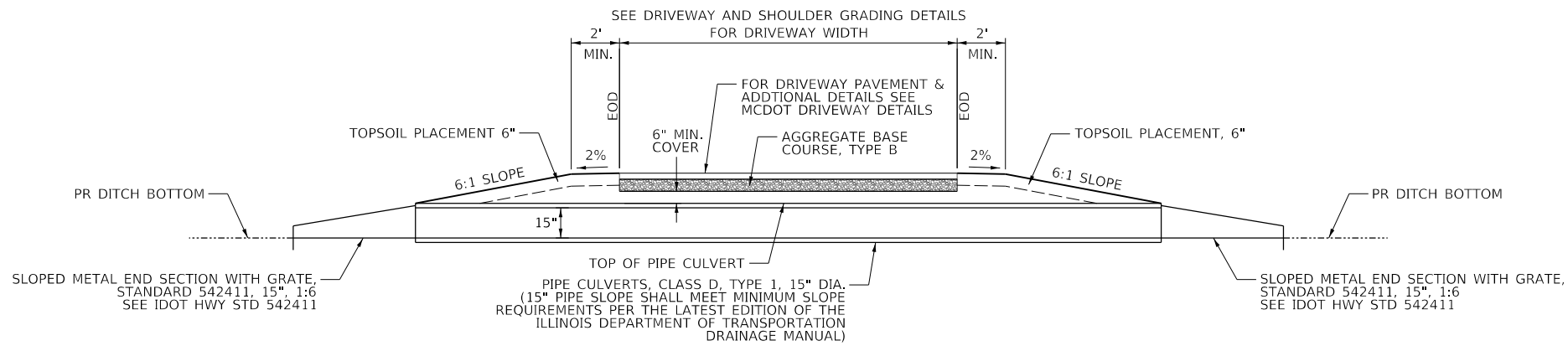
C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	McHENRY	117	85
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH A-18	*	McHenry	6	3
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

MODEL: Sheet
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PLAN VIEW



SECTION A-A

TYPICAL DRIVEWAY OR ENTRANCE PIPE CULVERT DETAIL
(ALSO SEE JANUARY 1, 2022 SSRBC ARTICLE 542.06 METHOD III CONSTRUCTION)

MODEL: SHOMELNAMES
FILE: \\miller-prod\ascom\paw.bentley.com\AECOM_USA_Jill\proj\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\10-CAD\03-SHEETS\cld\60737993_SHT_DETAIL_Driveway_Culverts.dgn

AECOM
ONE PRUDENTIAL PLAZA
130 E. RANDOLPH ST. SUITE 2400
CHICAGO, IL 60601
PHONE: (312) 375-7700

USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 6/5/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
TYPICAL DRIVEWAY OR ENTRANCE PIPE CULVERT DETAIL

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

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	87
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



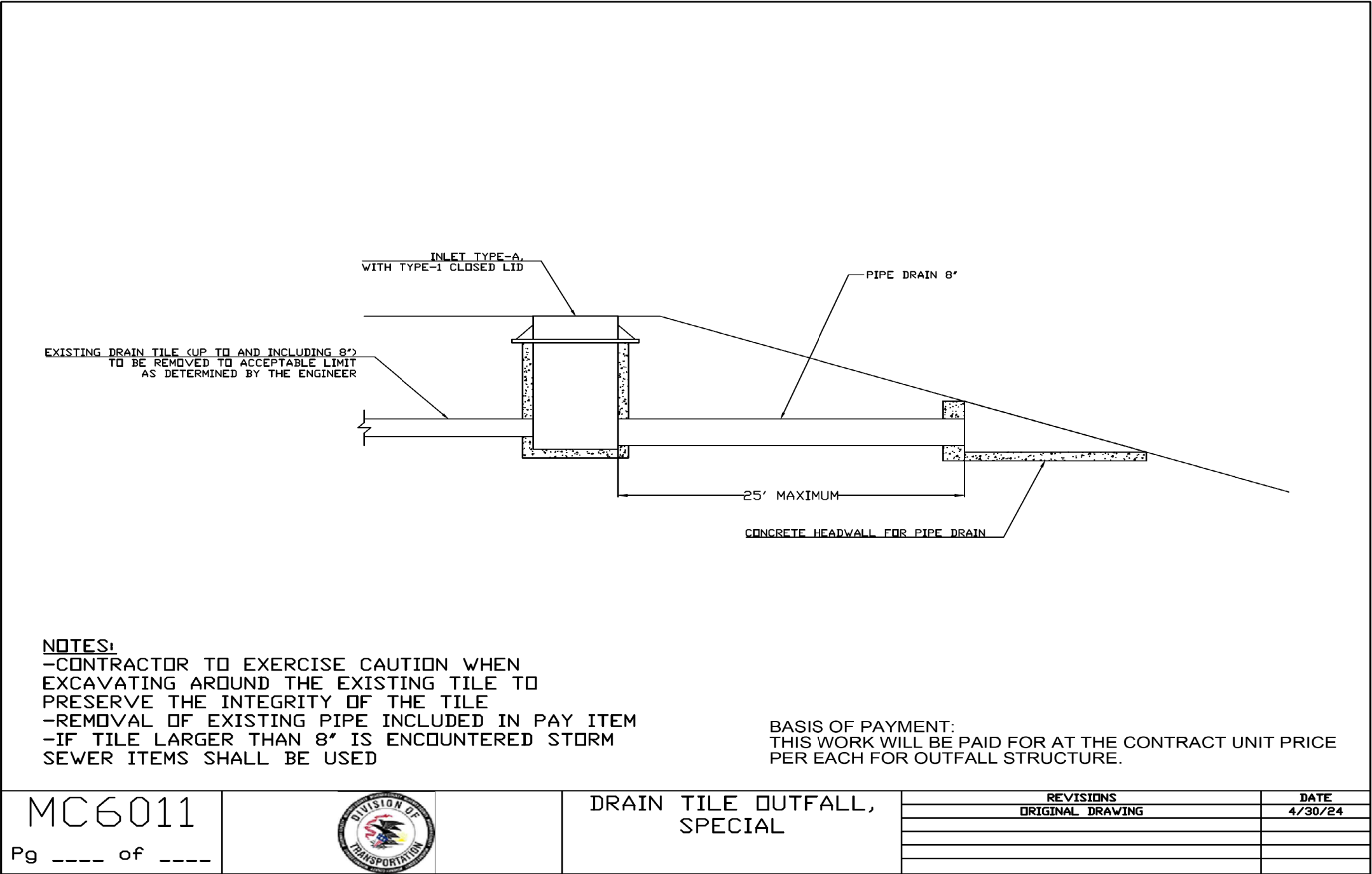
1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.



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USER NAME	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS – MCDOT			C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN	REVISED -					0027	18-004-88-00-BR	MCHENRY	117	88
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 61L85				
PLOT DATE	DATE -	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.					
						ILLINOIS FED. AID PROJECT					

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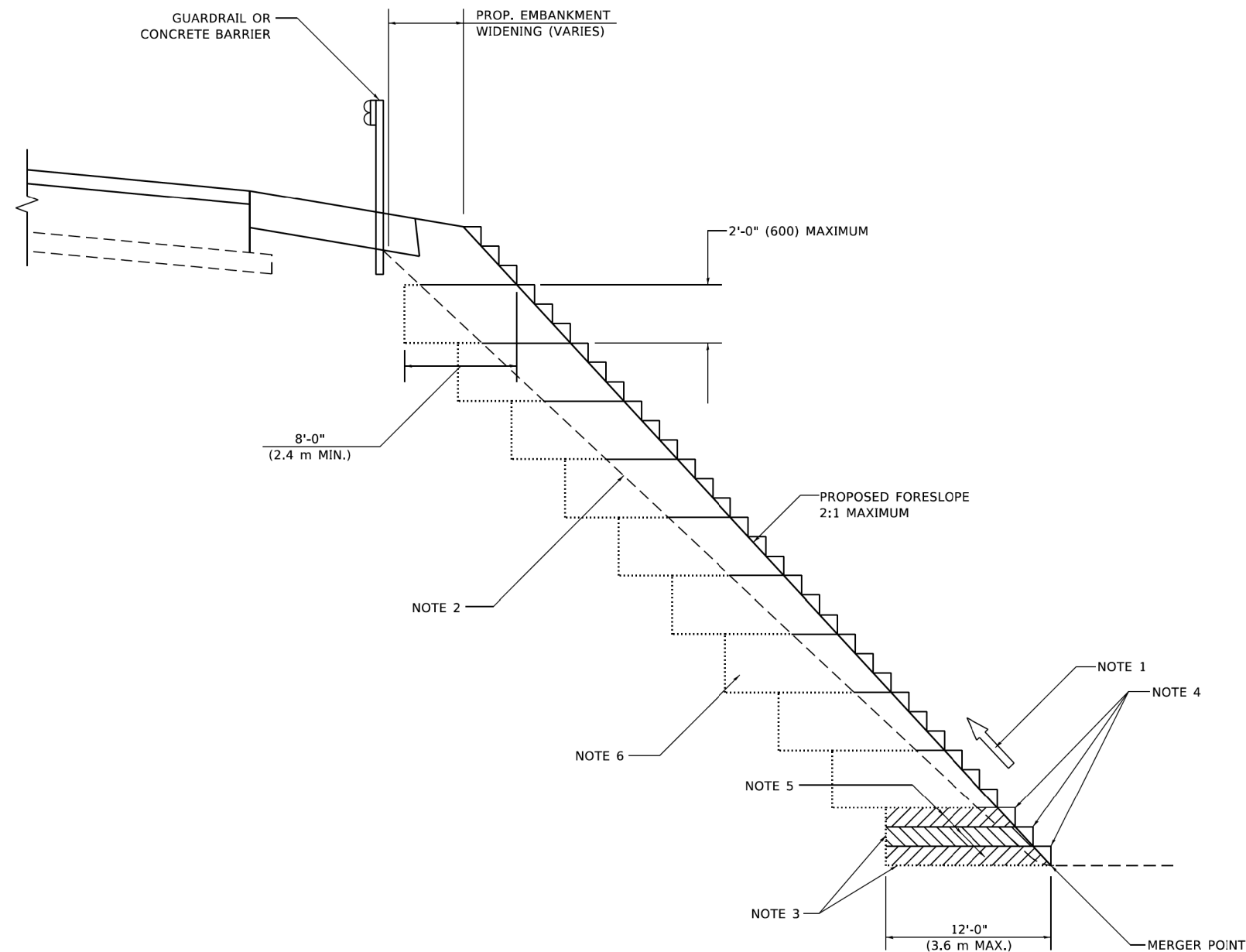
USER NAME = ken.moy	DESIGNED - KLM	REVISED -
	DRAWN - OH	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - ATB	REVISED -
PLOT DATE = 6/5/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
MCDOT DETAIL - DRAIN TILE OUTFALL, SPECIAL

SCALE: SHEET OF SHEETS STA. TO STA.

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	89
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				



GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

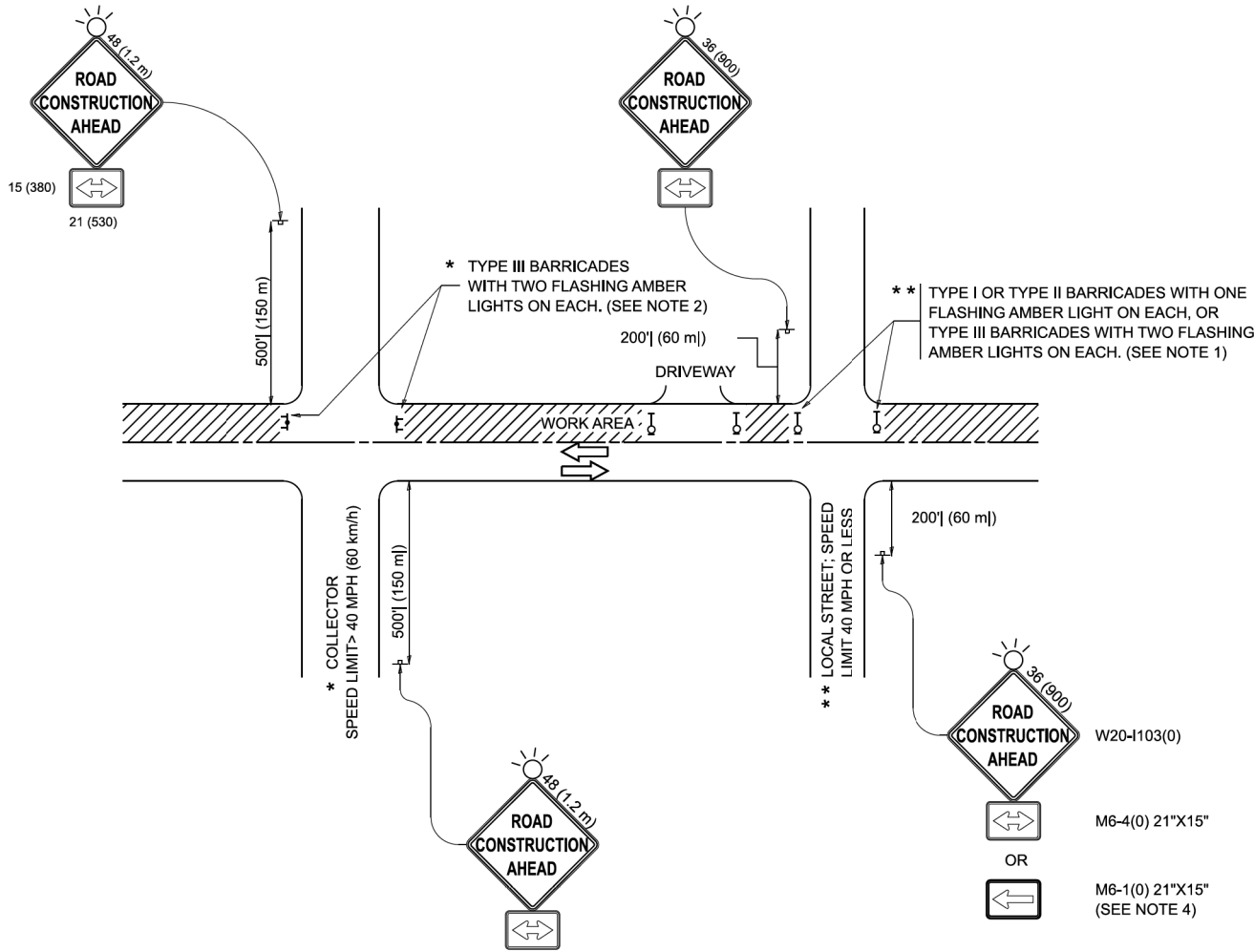
BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

FILE NAME: D:\PROJECTS\11-18-22\11-18-22.DWG	USER NAME = Lawrence,DeManche	DESIGNED -	REVISED - K. SMITH 11-18-22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCHING DETAIL FOR EMBANKMENT WIDENING					C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CADD	REVISED -							0027	18-004-88-00-BR	MCHENRY	117	90
	PLOT SCALE = 100.0000 ' / in.	CHECKED - S.E.B.	REVISED -		BD-51 CONTRACT NO. 61L85									
	PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -											
						SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

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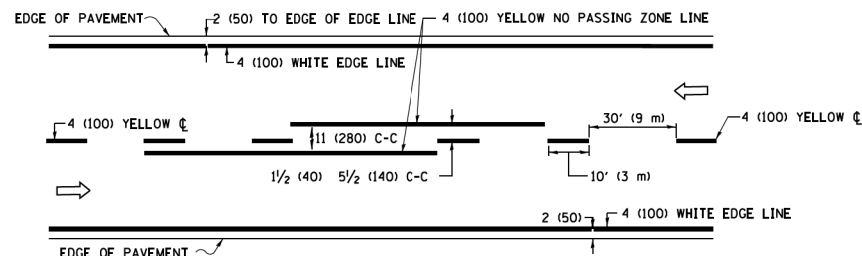


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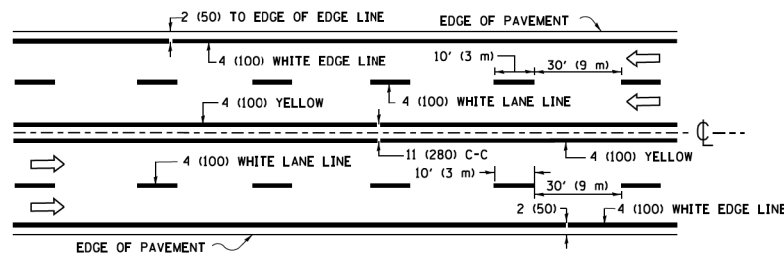
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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.

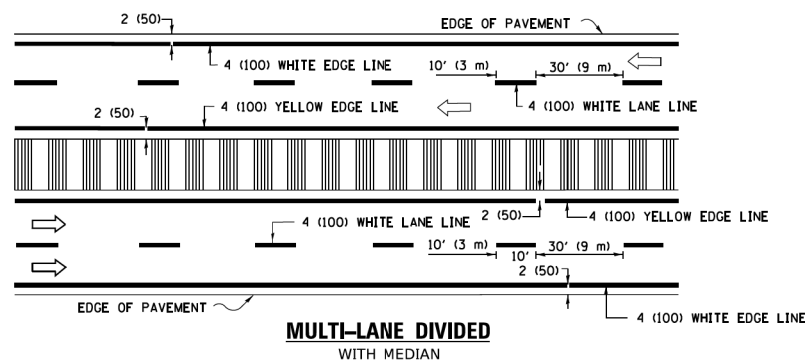
	USER NAME = lawrence.demanche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - A. SCHUETZE 07-01-13			0027	18-004-88-00-BR	MCHENRY	117	91
	PLOT SCALE = 0.08333317 ''/in.	CHECKED -	REVISED - A. SCHUETZE 09-15-06			TC-10		CONTRACT NO. 61L85		
	PLOT DATE = 10/2/2025	DATE - 06-89	REVISED - D. SENDERAK 05-03-25			ILLINOIS FED. AID PROJECT				
SCALE:			SHEET	OF	SHEETS	STA.	TO STA.			



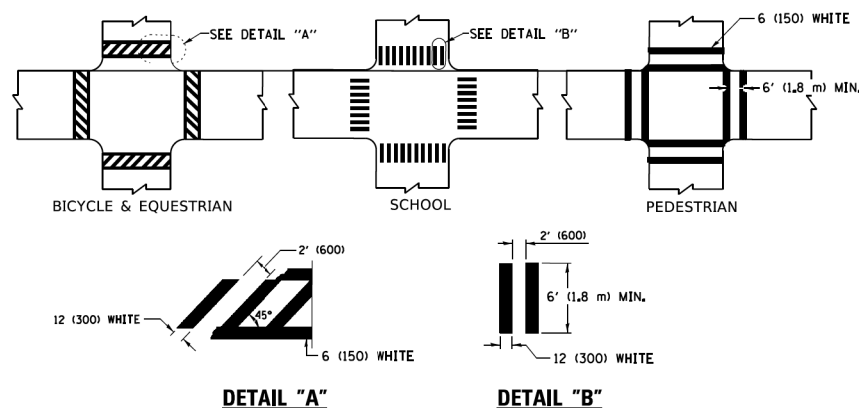
2-LANE ROADWAY



MULTI-LANE UNDIVIDED

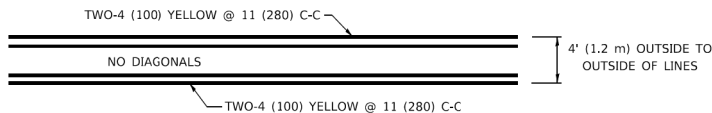


TYPICAL LANE AND EDGE LINE MARKING

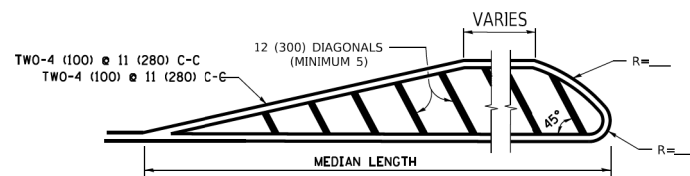


TYPICAL CROSSWALK MARKING

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

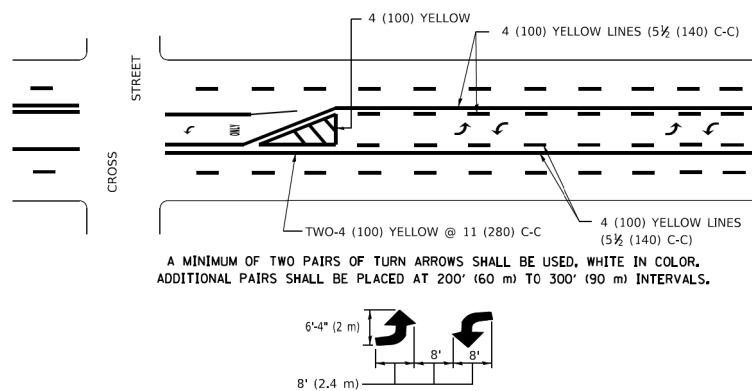


4' (1.2 m) WIDE MEDIANS ONLY



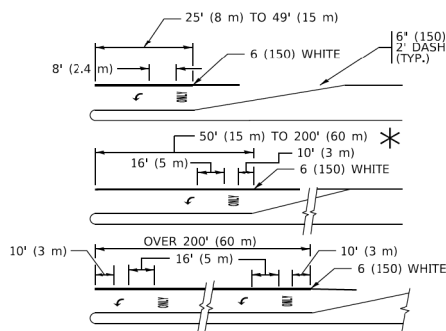
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

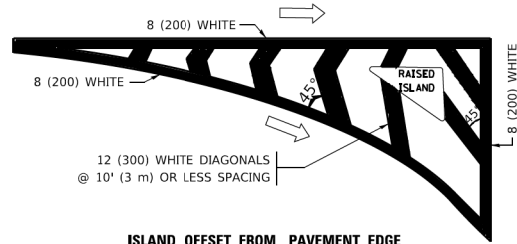


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.

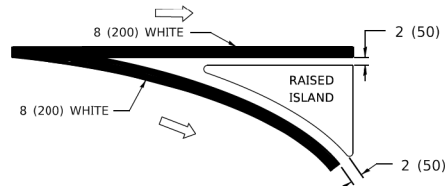
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

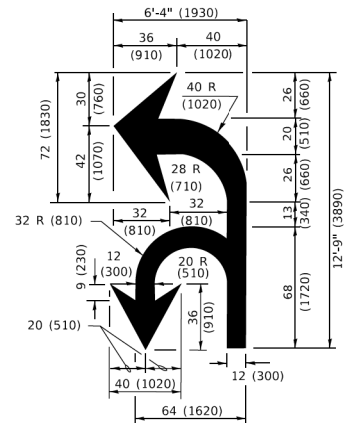


ISLAND OFFSET FROM PAVEMENT EDGE

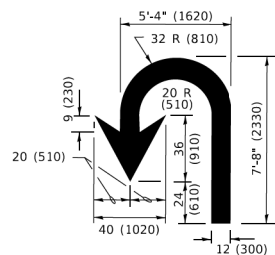


ISLAND AT PAVEMENT EDGE

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	5½ (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; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°; NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "RR"=3.6 SQ. FT. (0.33 m ² EACH "X"=54.0 SQ. FT. (5.0 m ² EACH)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE TYPICAL PAVEMENT MARKINGS					C.H. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
					0027	18-004-88-00-BR		MCHENRY	117	92
					TC-13			CONTRACT NO. 61L85		
SCALE: NONE	SHEET 1	OF 2	SHEETS	STA.	TO STA.					

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PLOT DATE = 3/4/2019



FOR U.S. ROUTES
M1-40-2424



FOR ILLINOIS ROUTES
M1-50-2424

MAIN STREET

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

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

NORTH

M3-1-2412

EAST

M3-2-2412

SOUTH

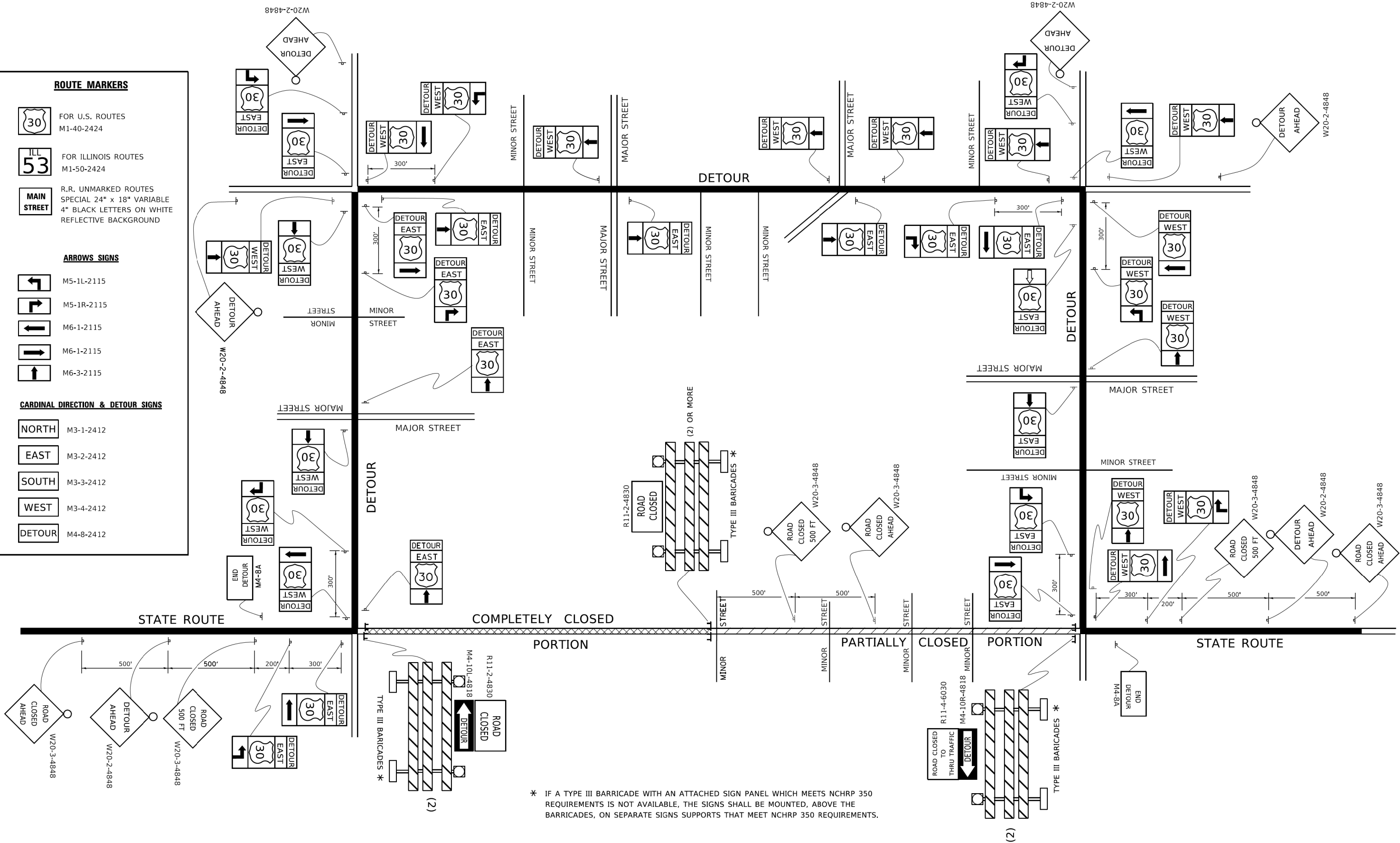
M3-3-2412

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.

USER NAME = footem]	DESIGNED -	REVISED - 10-18-02
	DRAWN -	REVISED - R. BORO 09-14-09
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PLOT DATE = 3/4/2019	DATE -	REVISED -

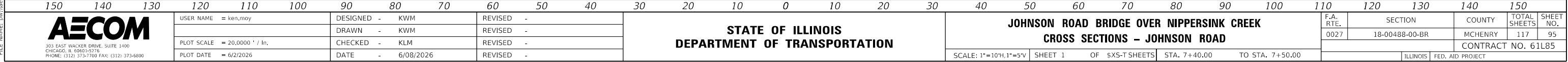
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING
FOR CLOSING STATE HIGHWAYS

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

C.H. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-21		CONTRACT NO. 61L85		
ILLINOIS		FED. AID PROJECT		

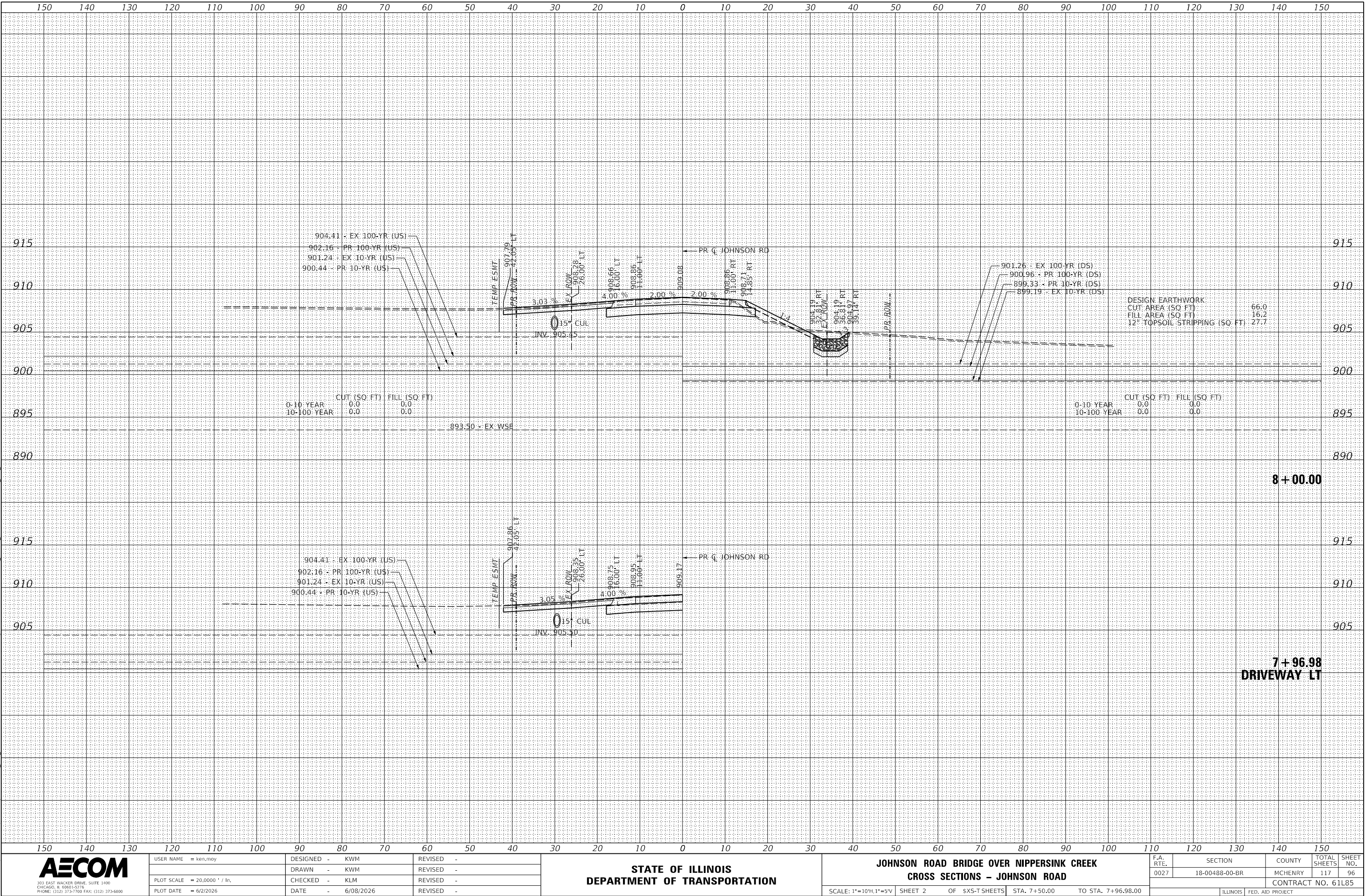
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	PLOTTED _____			
	TEMPLATE _____			
	AREAS _____			
	AREAS CHECKED _____			
	NO. _____			
NOTE BOOK				



FINAL	SURVEY	BY	DATE
NO.	NOTE BOOK	NO.	AREAS CHECKED

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

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USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,000 ' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

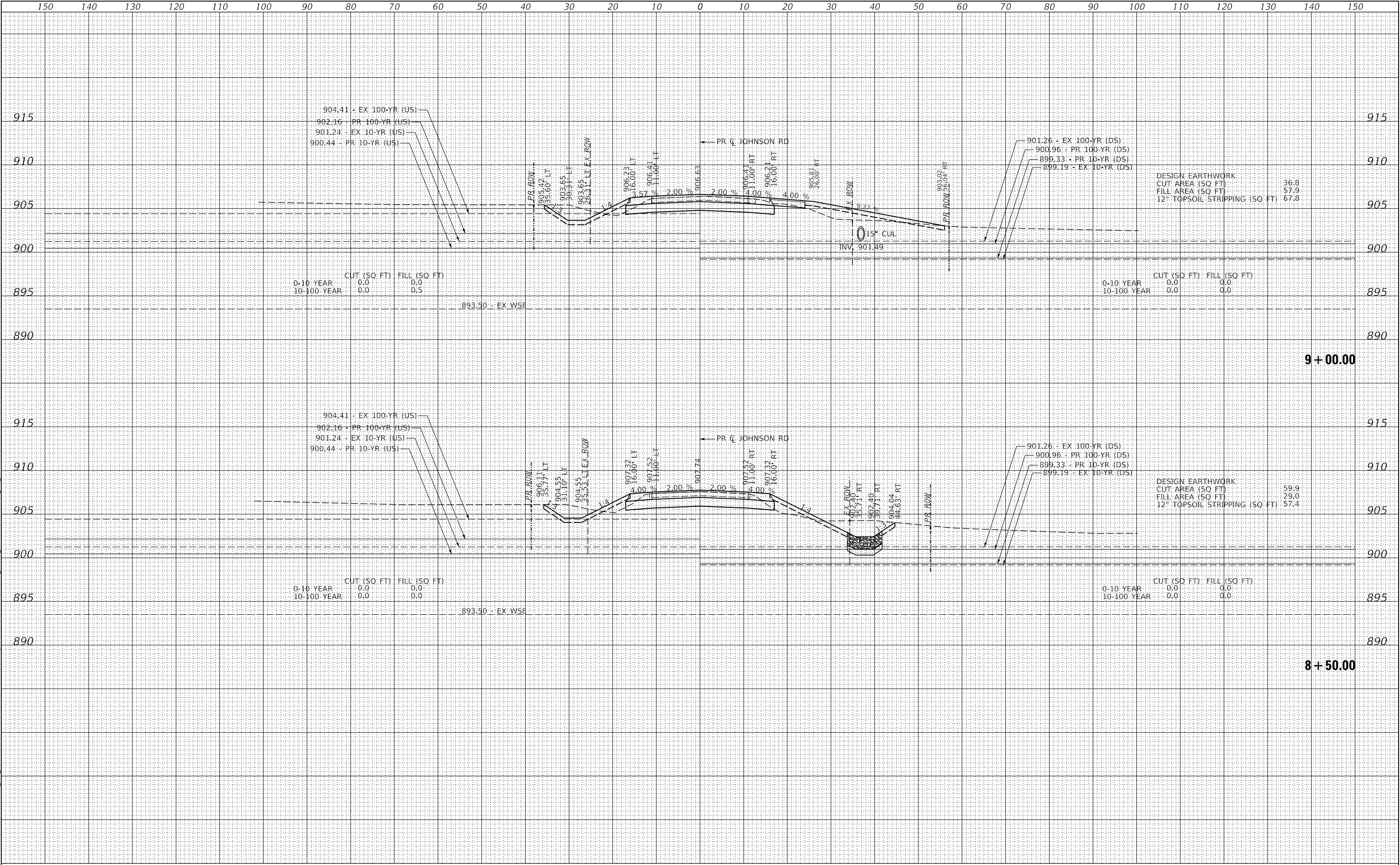
JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK CROSS SECTIONS - JOHNSON ROAD			
SCALE: 1"=10'H, 1"=5'V	SHEET 2	OF \$XS-T SHEETS	STA. 7+50.00 TO STA. 7+96.98.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	96
CONTRACT NO. 61L85				
ILLINOIS		FED. AID PROJECT		

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

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

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USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

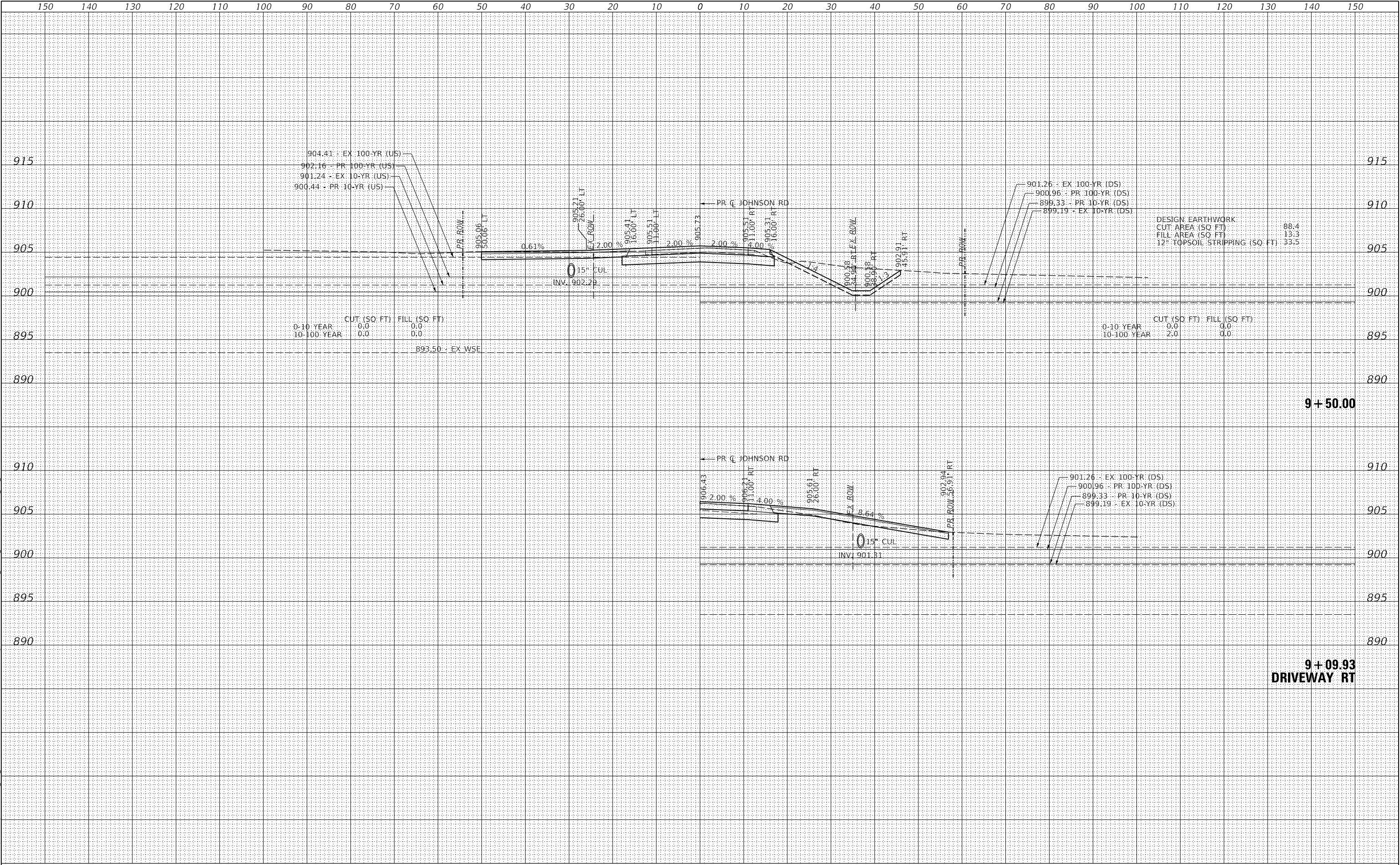
JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK CROSS SECTIONS - JOHNSON ROAD			
SCALE: 1"=10'H, 1"=5'V	SHEET 3	OF \$XS-T SHEETS	STA. 8+50.00 TO STA. 9+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	97
CONTRACT NO. 61L85				
ILLINOIS				FED. AID PROJECT

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

ORIGINAL SURVEY	DATE	
	BY	
	SURVEYED	
	PLOTTED	
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USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,000 ' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
CROSS SECTIONS - JOHNSON ROAD

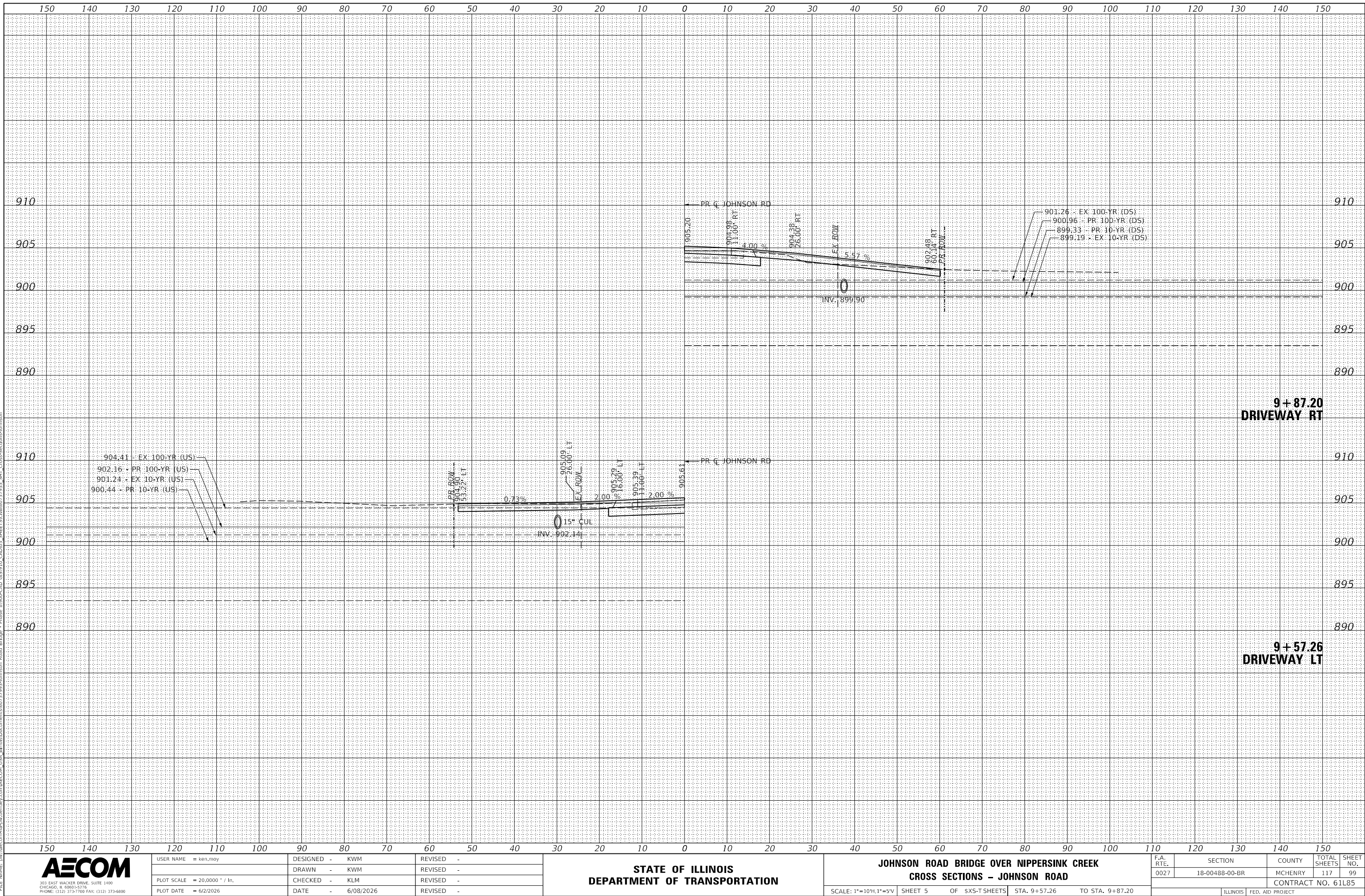
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	98
CONTRACT NO. 61L85				
ILLINOIS		FED. AID PROJECT		

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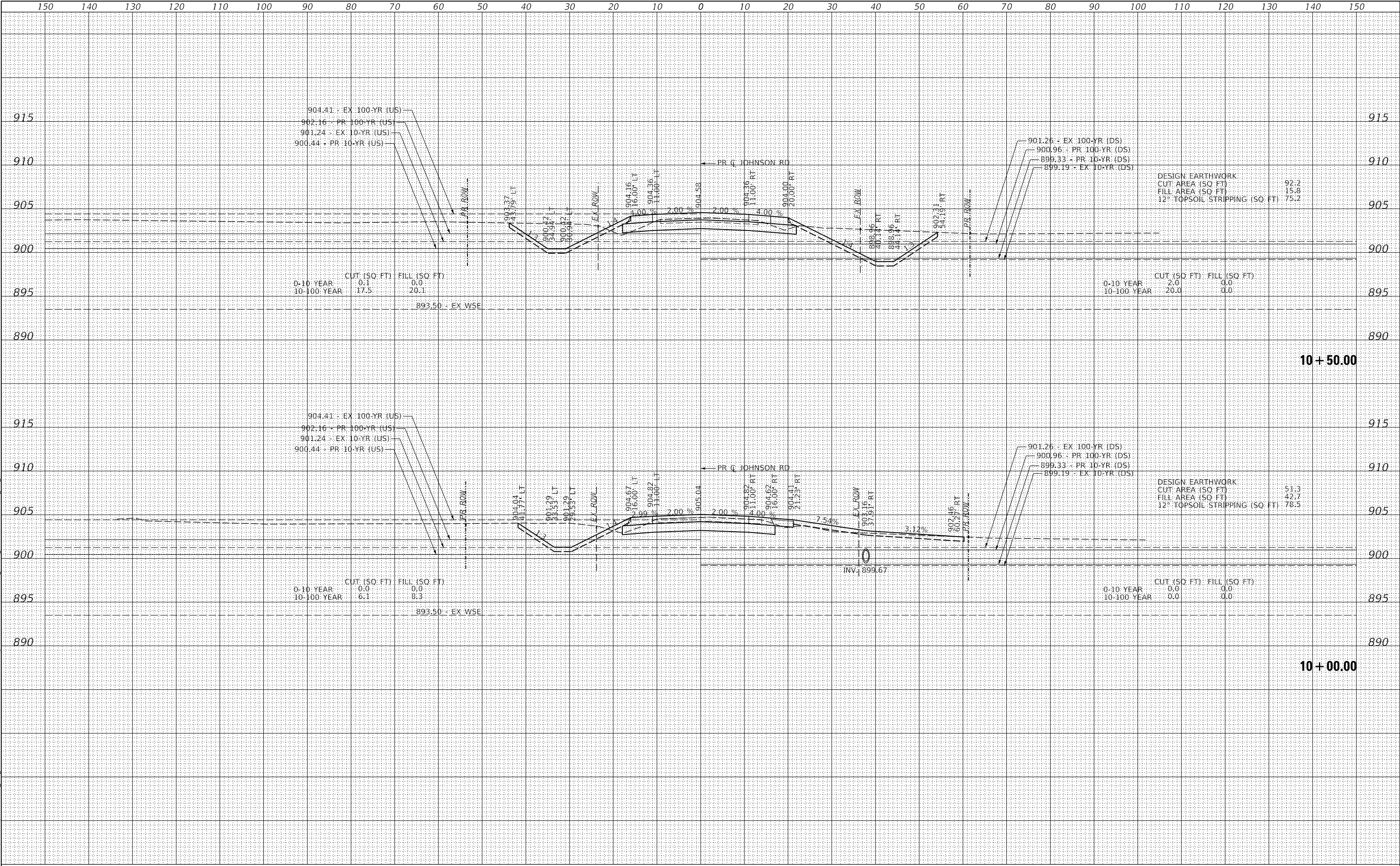
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FINAL SURVEY	DATE
	BY
	SURVEYED
	PLOTTED
NO.	NOTE BOOK
	TEMPLATE
	AREAS
	CHECKED

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

MODEL: SH06LVA005
FILE NAME: D:\aecom\com\hpsw\mcherry\com\AECOM_USA\Illinois\Documents\00737933-Johnson Road Bridge - Phase II\004-CAD GIS\010-CAD\03-SHEETS\Cross-Sections-Johnson



USER NAME = ken.moy
DESIGNED - KWM
DRAWN - KWM
CHECKED - KLM
DATE - 6/08/2026

REVISED -
REVISED -
REVISED -
REVISED -

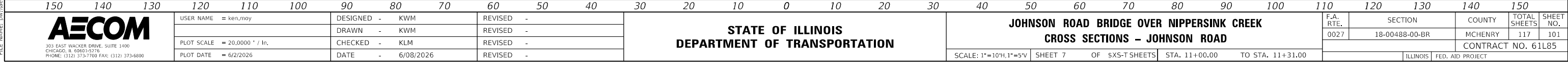
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
CROSS SECTIONS - JOHNSON ROAD

SCALE: 1"=10'H, 1"=5'V SHEET 6 OF \$XS-T SHEETS STA. 10+00.00 TO STA. 10+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	100
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

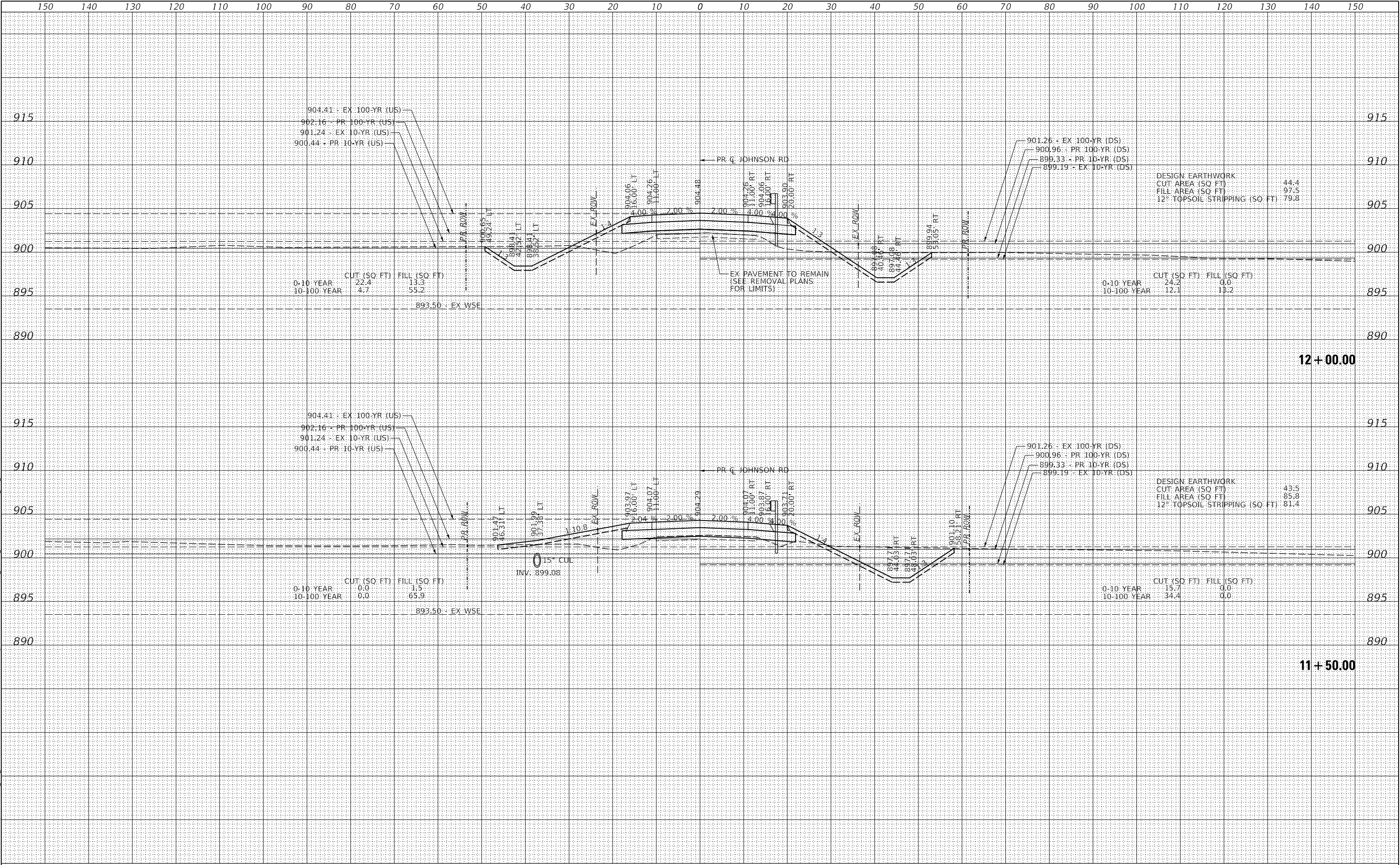
ORIGINAL SURVEY	SURVEYED _____		BY _____	DATE _____
	PLOTTED _____			
	TEMPLATE _____			
	AREAS _____			
	AREAS CHECKED _____			
	NO. _____			
NOTE BOOK				



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

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

MODEL: SH06LVA005
FILE NAME: D:\aecom\com\hwy\sw\mcherry\com\AECOM_USA\11\mcherry\Documents\00737933-Johnson Road Bridge - Phase II\004-CAD GIS\010-CAD\03-SHEETS\010\0737933-SHT Cross-Sections-Johnson



USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,000' / 1in.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
CROSS SECTIONS - JOHNSON ROAD

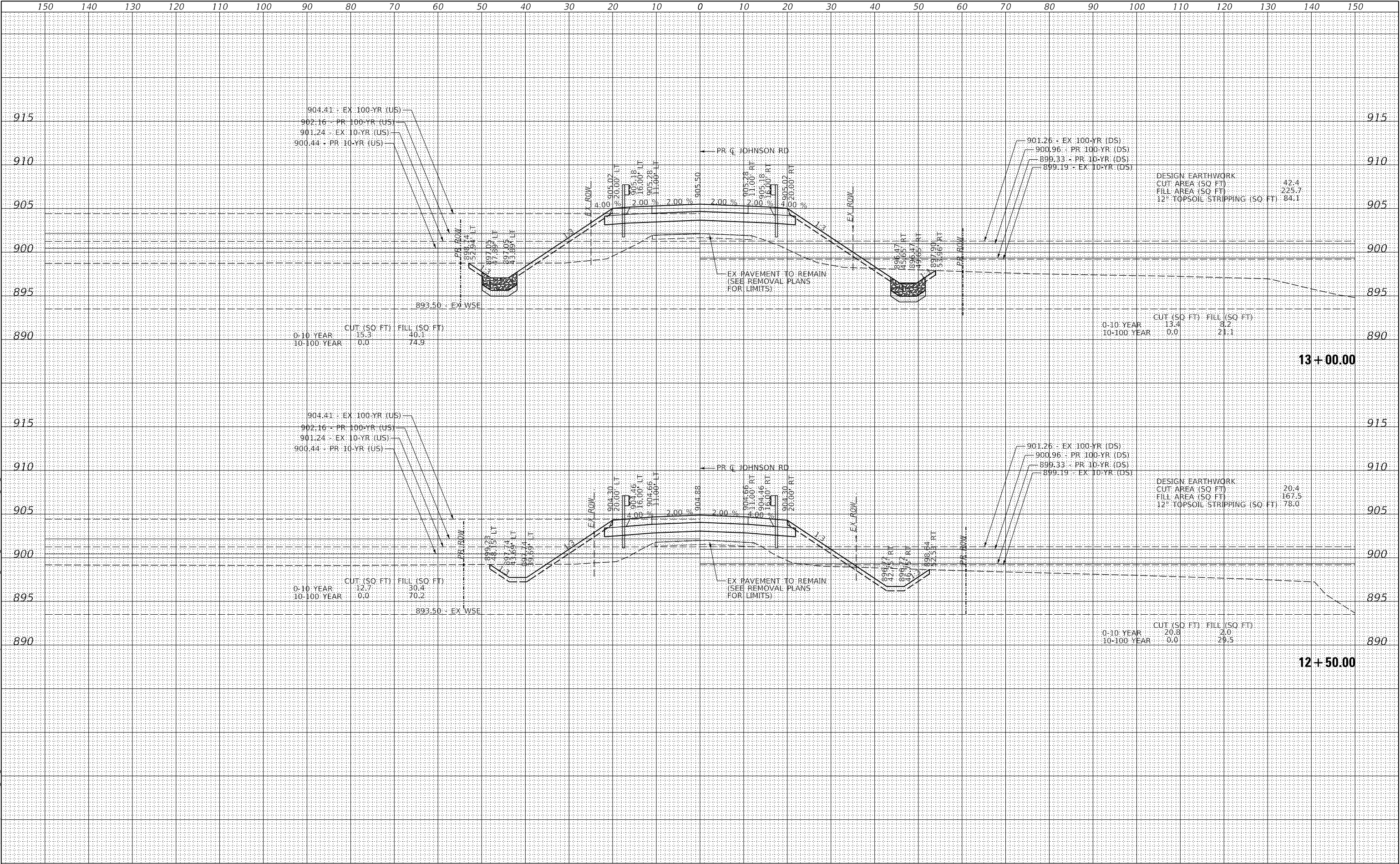
SCALE: 1"=10'H, 1"=5'V SHEET 8 OF \$XS-T SHEETS STA. 11+50.00 TO STA. 12+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	102
CONTRACT NO. 61L85				
ILLINOIS				FED. AID PROJECT

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

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

MODEL: SH06LVA005
FILE NAME: D:\aecom\com\hpsw\mcherry\com\AECOM_USA\Illinois\Documents\00737933-Johnson Road Bridge - Phase II\004-CAD GIS\010-Cross Sections-Johnson



USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,000' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

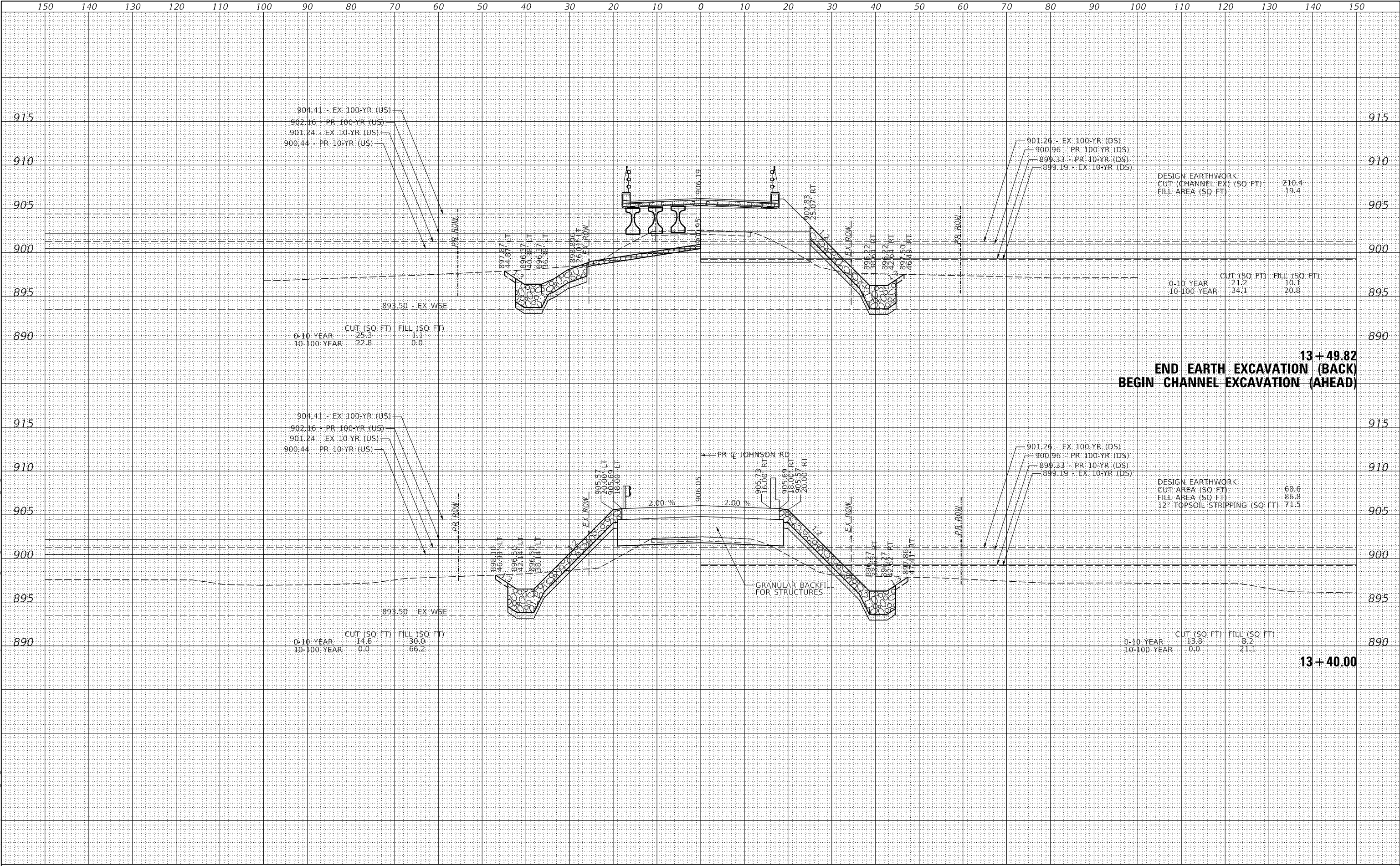
JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK CROSS SECTIONS - JOHNSON ROAD			
SCALE: 1"=10'H, 1"=5'V	SHEET 9	OF \$XS-T SHEETS	STA. 12+50.00 TO STA. 13+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	103
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: SH06LVA005
FILE NAME: D:\aecom\com\hpsw\mcherry\com\AECOM_USA\Illinois\Documents\00737933-Johnson Road Bridge - Phase II\DWG-CAD GIS\DWG-CAD03-SHEETS\Cross-Sections-Johnson



13 + 49.82
END EARTH EXCAVATION (BACK)
BEGIN CHANNEL EXCAVATION (AHEAD)

13 + 40.00



USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,000 ' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK			
CROSS SECTIONS - JOHNSON ROAD			
SCALE: 1"=10'H, 1"=5'V	SHEET 10	OF \$XS-T SHEETS	STA. 13+40.00 TO STA. 13+49.82

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	104
CONTRACT NO. 61L85				
ILLINOIS		FED. AID PROJECT		

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

AECOM
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

DESIGNED - KWM	REVISED -
DRAWN - KWM	REVISED -
CHECKED - KLM	REVISED -
DATE - 6/08/2026	REVISED -

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
CROSS SECTIONS – JOHNSON ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	105
		CONTRACT NO. 61L85		
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
	AREAS _____		
NO. _____	AREAS CHECKED _____		

AECOM
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'H, 1"=5'V	SHEET 12	OF 5XS-T SHEETS	STA. 14+50.00	TO STA. 14+70.00
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ILLINOIS	FED. AID PROJECT
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ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
NOTE BOOK	TEMPLATE _____	_____	_____
	AREAS _____		
NO. _____	AREAS CHECKED _____	_____	_____

OMISSION
STATION 14+70 TO STATION 15+34
(SEE NIPPERSINK CREEK CROSS SECTIONS)



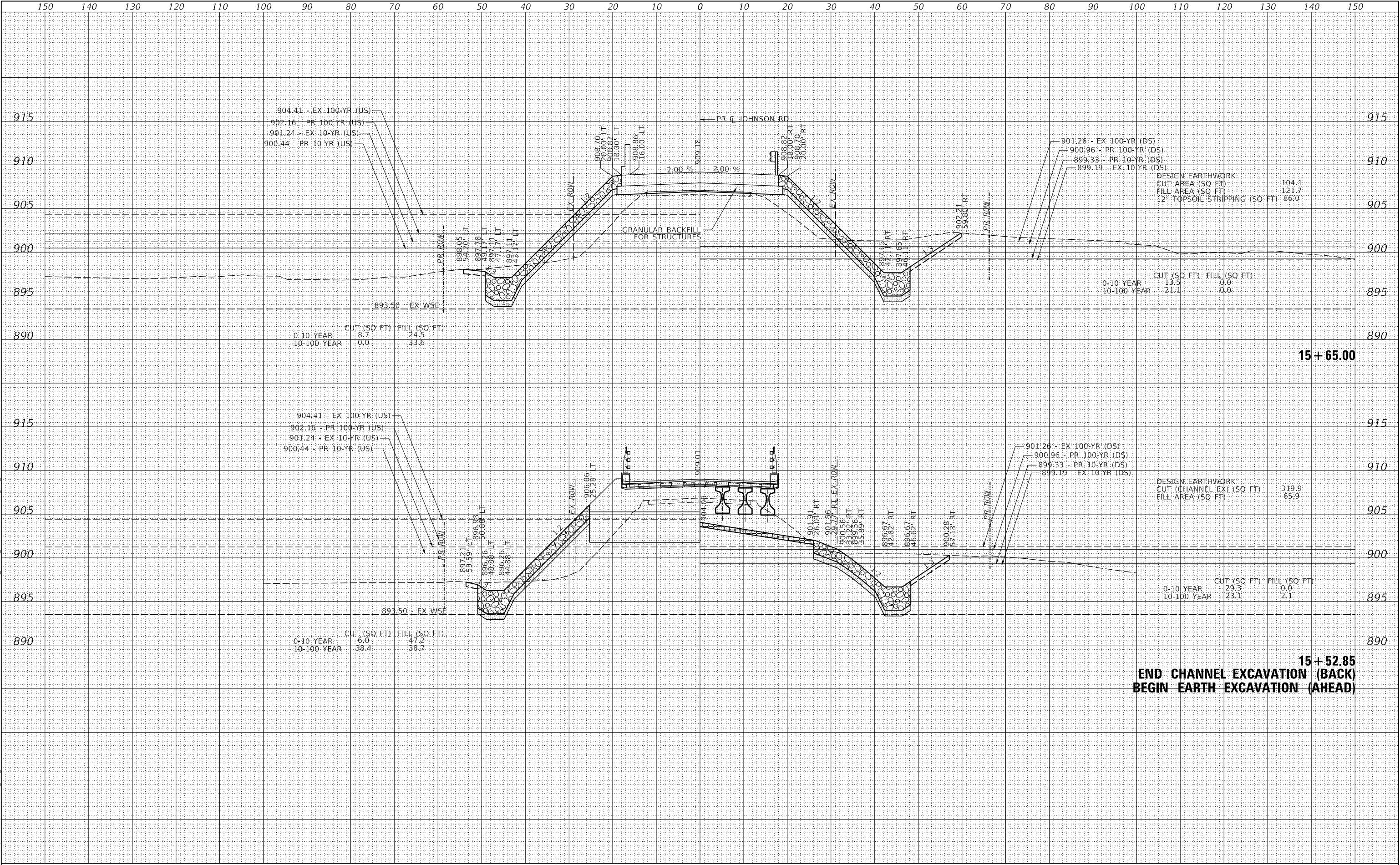
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	107
		CONTRACT NO. 61L85		
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: SH06LVA005
FILE NAME: D:\aecom\com\hwy\mcherry\com\baecom_usa\illinois\documents\00737933-johnson Road Bridge - Phase II\DWG-CAD GIS\DWG737933-SHT Cross-Sections-johnson



USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,000' / 1in.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

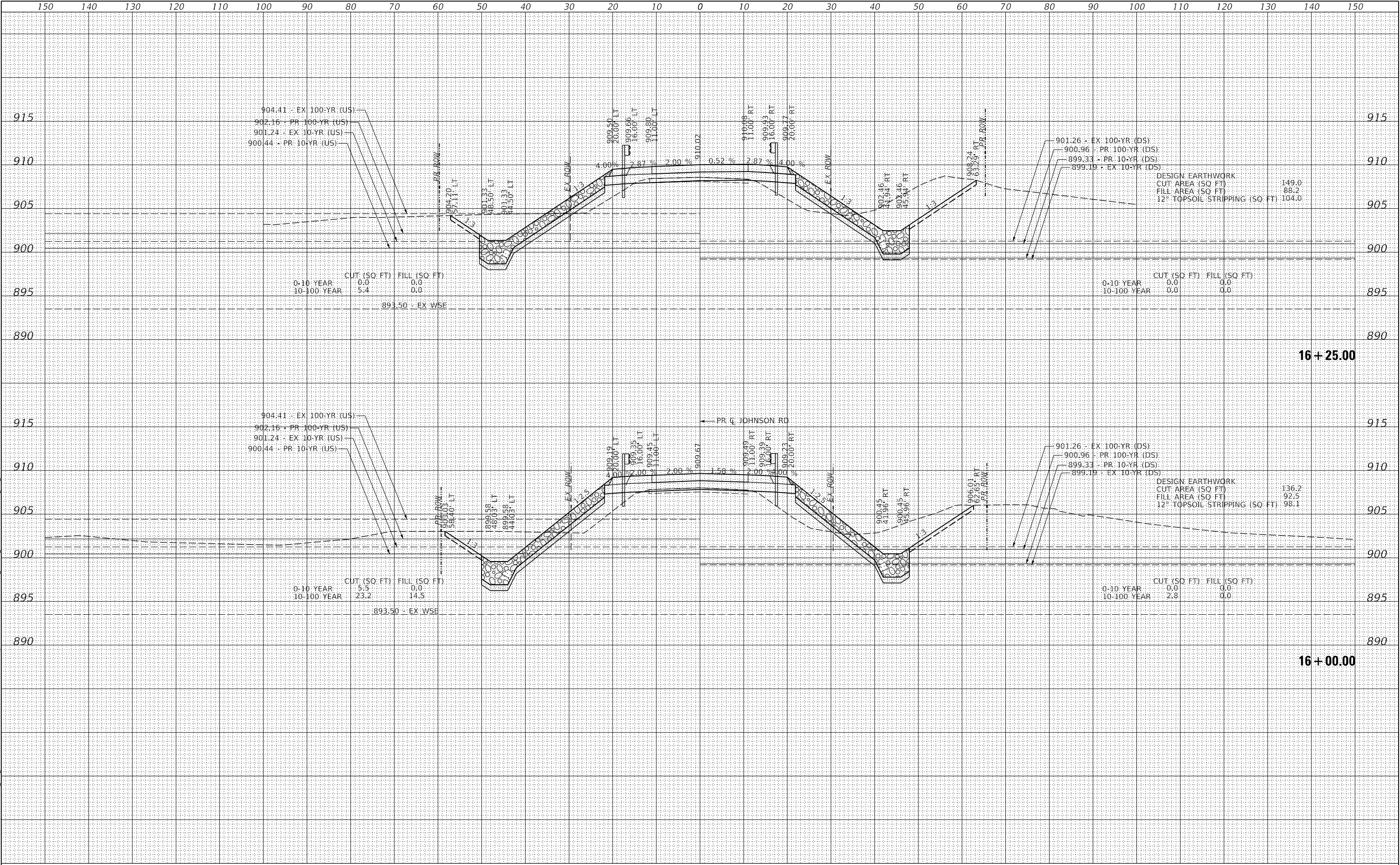
JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK CROSS SECTIONS - JOHNSON ROAD			
SCALE: 1"=10'H, 1"=5'V	SHEET 14	OF \$XS-T SHEETS	STA. 15+52.85 TO STA. 15+65.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	108
CONTRACT NO. 61L85				
ILLINOIS				FED. AID PROJECT

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

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

MODEL: SH06LVA005
FILE NAME: D:\aecom\com\hpsw\benhry\com\AECOM_USA\11\midocuments\00737933-Johnson Road Bridge - Phase 1\1604-CAD GIS\10-CAD\03-SHEETS\Cross-Sections-Johnson



USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,000' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

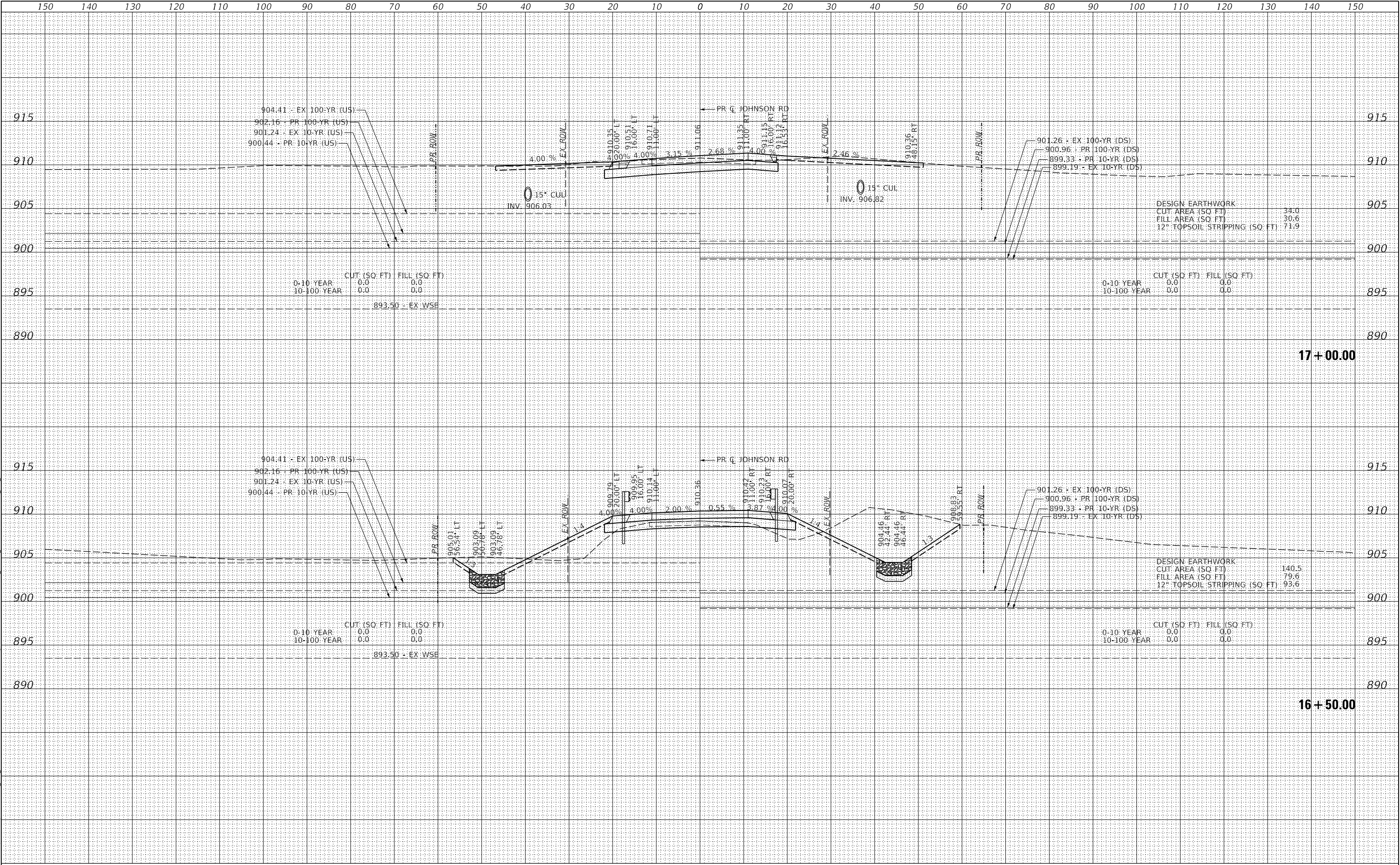
JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK CROSS SECTIONS - JOHNSON ROAD			
SCALE: 1"=10'H, 1"=5'V	SHEET 15	OF \$XS-T SHEETS	STA. 16+00.00 TO STA. 16+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	109
CONTRACT NO. 61L85				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: SH06LVA005
FILE NAME: d:\aecom\com\hwy\shw\benhry\com\baecom_usa\11\mtd\documents\00737933-johnson Road Bridge - Phase 1\004-CAD GIS\010-CAD03-SHEETS\010-0737933-SHT Cross-Sections-johnson



USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK CROSS SECTIONS - JOHNSON ROAD			
SCALE: 1"=10'H, 1"=5'V	SHEET 16	OF \$XS-T SHEETS	STA. 16+50.00 TO STA. 17+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	110
CONTRACT NO. 61L85				
ILLINOIS		FED. AID PROJECT		

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

AECOM
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'H, 1"=5'V	SHEET 17	OF 5	XS-T SHEETS	STA. 17+12.30	TO STA. 17+18.05
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17 + 12.30
DRIVEWAY LT

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

AECOM
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	112
		CONTRACT NO. 61L85		
ILLINOIS		FED. AID PROJECT		

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

AECOM
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

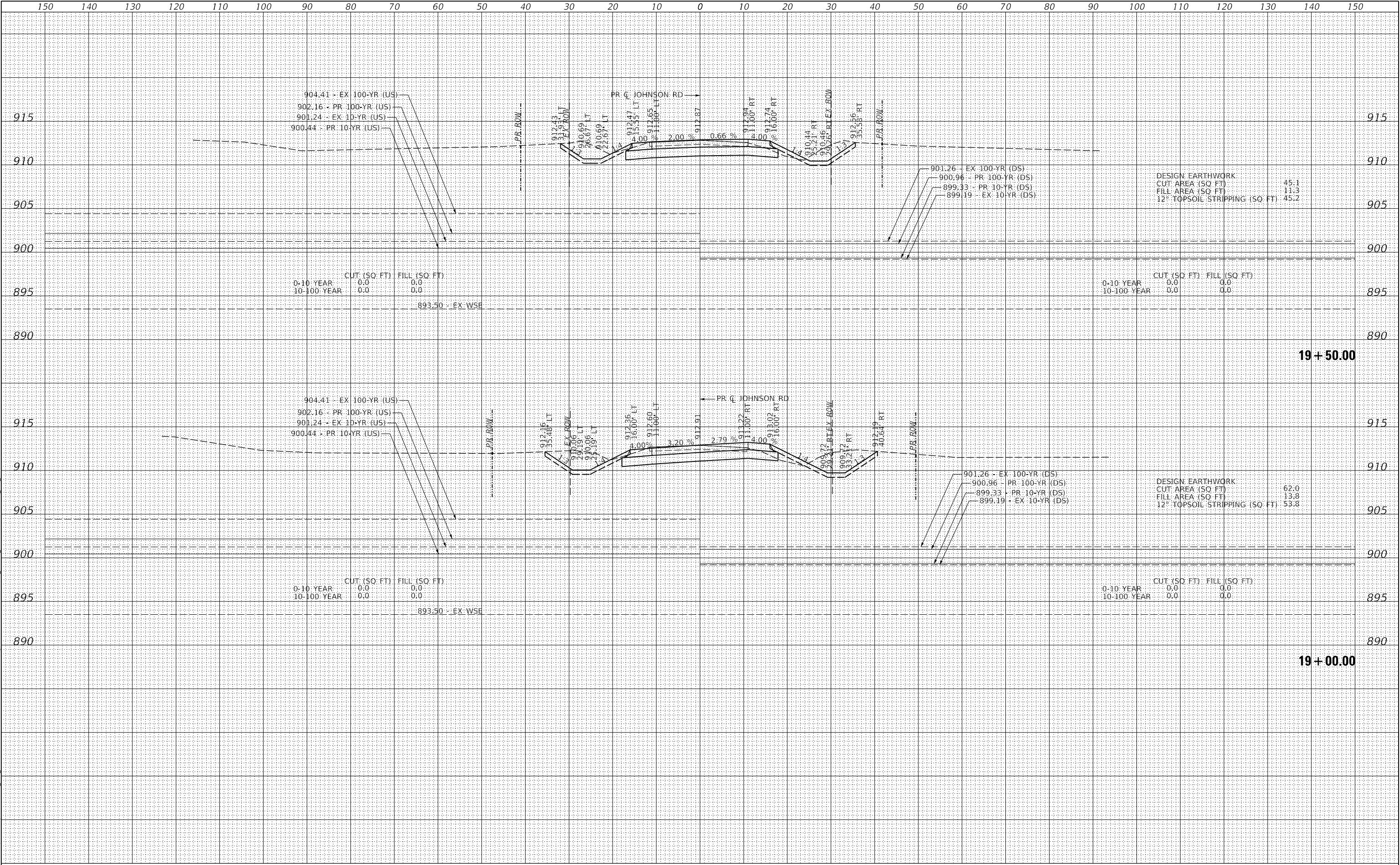
SCALE: 1"=10'H, 1"=5'V	SHEET 19	OF \$XS-T SHEETS	STA. 18+00.00	TO STA. 18+50.00
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ILLINOIS	FED. AID PROJECT
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FINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: SH06LVA005
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USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

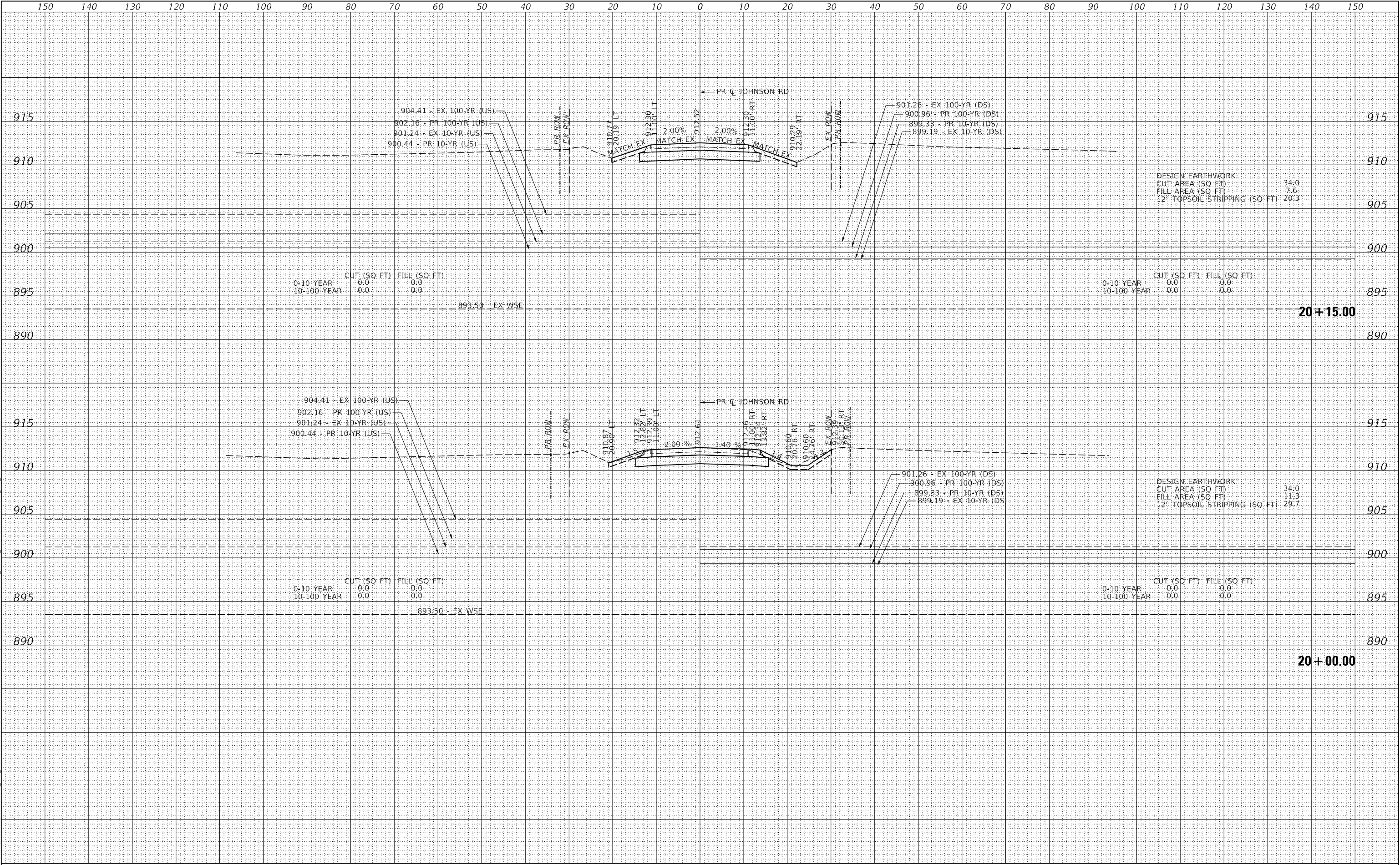
JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK CROSS SECTIONS - JOHNSON ROAD			
SCALE: 1"=10'H, 1"=5'V	SHEET 20	OF \$XS-T SHEETS	STA. 19+00.00 TO STA. 19+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	114
CONTRACT NO. 61L85				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: SH06LVA005
FILE NAME: D:\aecom\com\hpsw\benrty\com\AECOM_USA\Illinois\Documents\00737933-Johnson Road Bridge - Phase II\DWG-CAD GIS\DWG-CAD\03_SHEETS\DWG\0737933_SRT_Cross-Sections-Johnson



USER NAME = ken.moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,0000 ' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
CROSS SECTIONS - JOHNSON ROAD

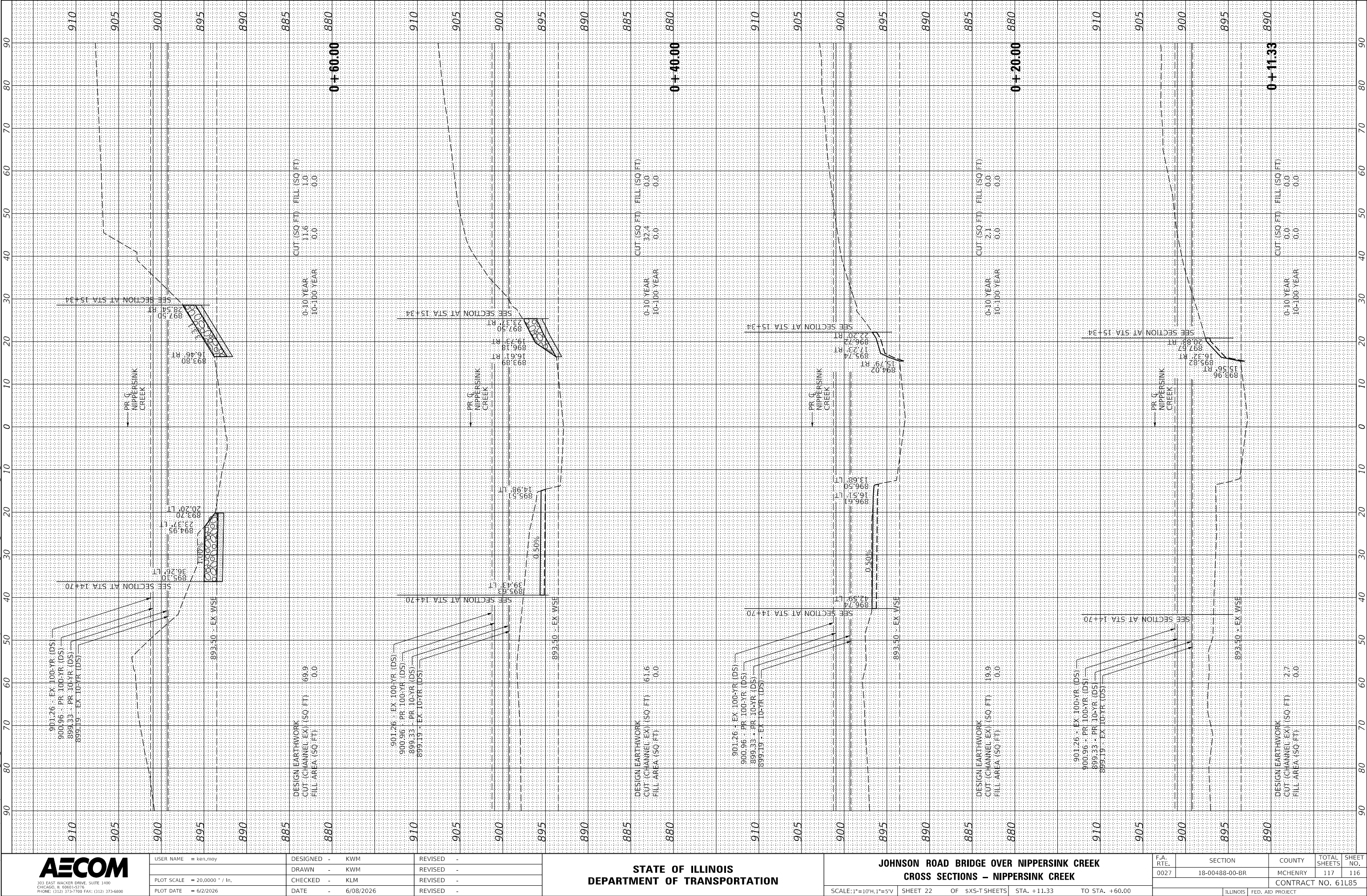
SCALE: 1"=10'H, 1"=5'V SHEET 21 OF \$XS-T SHEETS STA. 20+00.00 TO STA. 20+15.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	115
CONTRACT NO. 61L85				
ILLINOIS		FED. AID PROJECT		

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

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

MODEL: SH06LNAME1
FILE NAME: D:\AECOM\CD\Hwy\Bentley.com\AECOM_USA\Illinois\Documents\0737933-Johnson Road Bridge - Phase II\WD-CAD GIS\10-CAD\03-SHEETS\J06LNAME1\0737933-SHT_Cross-Sections-Johnson-Stream



USER NAME = ken.moy
PLOT SCALE = 20,000 ' / In.
PLOT DATE = 6/2/2026

DESIGNED - KWM
DRAWN - KWM
CHECKED - KLM
DATE - 6/08/2026

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
CROSS SECTIONS - NIPPERSINK CREEK

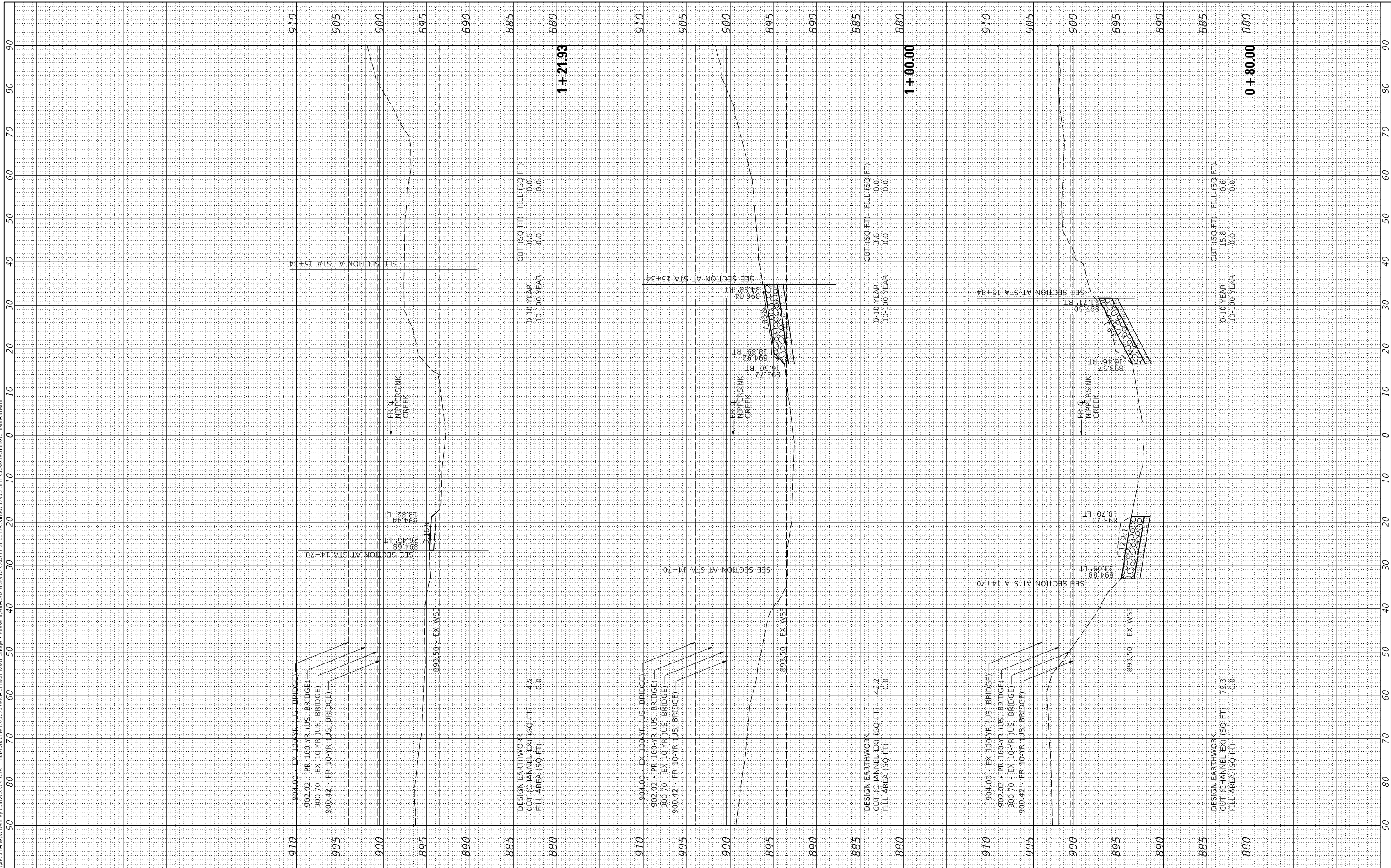
SCALE: 1"=10'H, 1"=5'V SHEET 22 OF \$XS-T SHEETS STA. +11.33 TO STA. +60.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	116
CONTRACT NO. 61L85				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: \$MODELNAME\$	NO.	AREAS CHECKED
FILE NAME: pwt\aecom-na-pw.bentley.com\AECOM_USA\Illinois\Documents\60737993-Johnson Road Bridge - Phase II\900-CAD GIS\910_CAD\03_SHEETS\Civil\60737993_SHT_Cross-Sections-Johnson-Stream		



USER NAME = ken,moy	DESIGNED - KWM	REVISED -
	DRAWN - KWM	REVISED -
PLOT SCALE = 20,000' / In.	CHECKED - KLM	REVISED -
PLOT DATE = 6/2/2026	DATE - 6/08/2026	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOHNSON ROAD BRIDGE OVER NIPPERSINK CREEK
CROSS SECTIONS – NIPPERSINK CREEK

SCALE: 1"=10'H, 1"=5'V	SHEET 23	OF 5XS-T SHEETS	STA. +80.00	TO STA. 1+21.93
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0027	18-00488-00-BR	MCHENRY	117	117
		CONTRACT NO. 61L85		
ILLINOIS		FED. AID PROJECT		

ILLINOIS	FED. AID PROJECT
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