

FOR INDEX OF SHEETS AND STANDARDS SEE SHEET NO. 2

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

THIS PROJECT IS LOCATED IN THE VILLAGE OF HOMER GLEN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	1
		ILLINOIS	CONTRACT NO. 61A96	

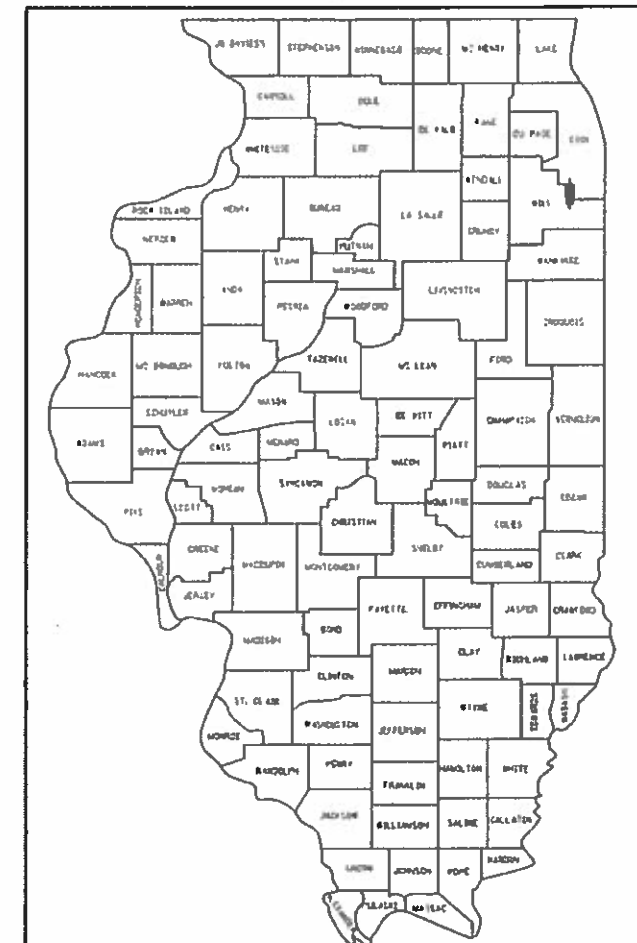
DESIGN DATA

08/05/2022 LETTING ITEM 004

DESIGN DESIGNATION 2200(30) ARTERIAL 3.56(FD-20)
 FUNCTIONAL CLASSIFICATION
 OTHER PRINCIPAL ARTERIAL
 2012 ADT = 11,800
 2040 ADT = 23,000
 PV = 96.0% MU = 4.0%
 POSTED SPEED = 40 MPH
 DESIGN SPEED = 45 MPH

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAP ROUTE 0356
 COUNTY HIGHWAY 16 (BELL ROAD)
 159TH ST TO 151ST ST
 SECTION 99-00147-07-FP
 PROJECT 3ZRU(835)
 ROADWAY RECONSTRUCTION &
 TRAFFIC SIGNAL MODERNIZATION
 WILL COUNTY



LOCATION OF SECTION INDICATED THUS: -



David Skaleski
 DAVID SKALESKI, P.E.
 LICENSE NO.: 062-046611
 EXPIRES: November 30, 2023
 DATE: October 04, 2021
 SHEET RANGE: 1-66, 72-96, 109-110, 188-229



Jamal Grainawi
 JAMAL GRAINAWI, S.E., P.E.
 LICENSE NO.: 081-005161
 EXPIRES: November 30, 2022
 DATE: October 04, 2021
 SHEET RANGE: 160-175



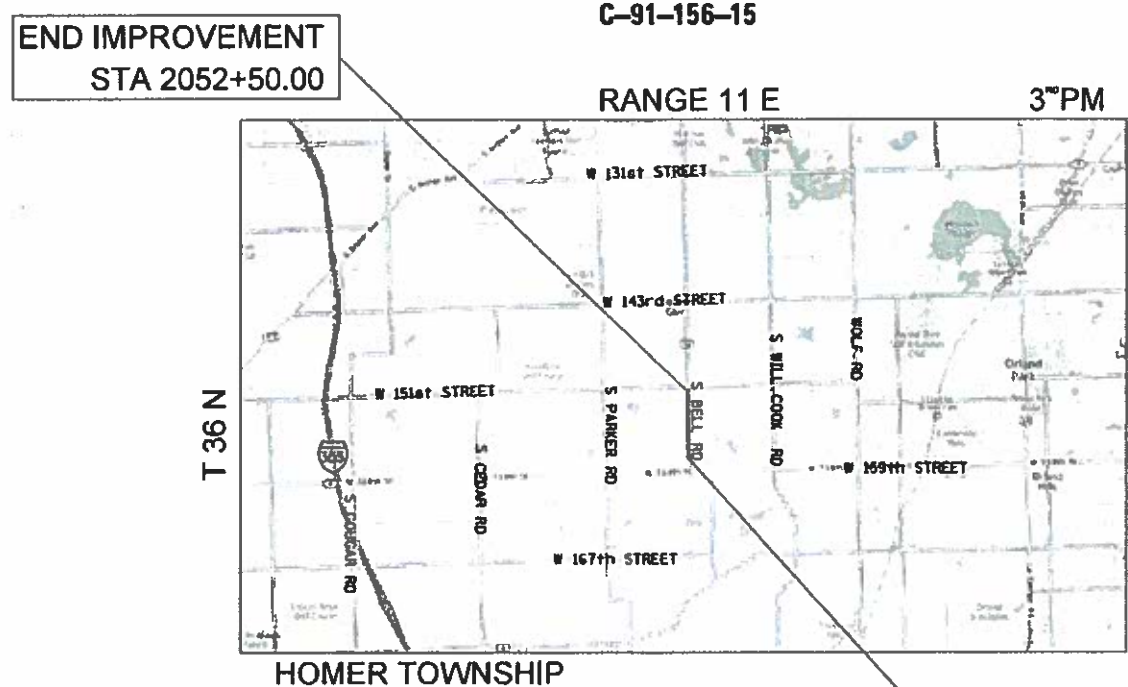
R.D. Patel
 RASHESH PATEL, P.E.
 LICENSE NO.: 062-064617
 EXPIRES: November 30, 2023
 DATE: October 04, 2021
 SHEET RANGE: 152-159



Carl Gutowski
 CARL GUTOWSKI, P.E.
 LICENSE NO.: 062-057132
 EXPIRES: November 30, 2023
 DATE: October 04, 2021
 SHEET RANGE: 67-71, 111-136



Eddie Choi
 EDDIE E. CHOI, P.E.
 LICENSE NO.: 062-069424
 EXPIRES: November 30, 2023
 DATE: October 04, 2021
 SHEET RANGE: 145-151



END IMPROVEMENT STA 2052+50.00

C-91-156-15

RANGE 11 E

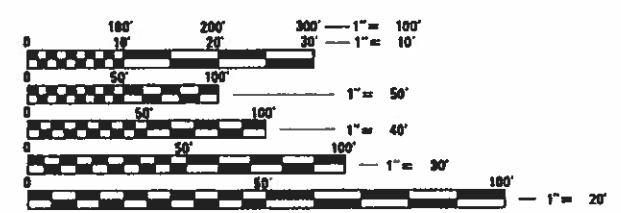
3rd PM

HOMER TOWNSHIP

BEGIN IMPROVEMENT STA 2007+90.00

LOCATION MAP NOT TO SCALE

GROSS LENGTH = 4,460 FT (0.845 MILES)
 NET LENGTH = 4,460 FT (0.845 MILES)



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

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

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APPROVED September 22 20 21
Jeff R. Anderson
 DIRECTOR OF TRANSPORTATION - COUNTY ENGINEER
 WILL COUNTY

PASSED Nov 8 20 21
Chris...
 DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW
NOVEMBER 8 20 21
Joe Piro (CRS)
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 61A96

WSP
 WSP USA Inc.
 30 N. LASALLE STREET
 SUITE 4200
 CHICAGO, IL 60602
 TEL: (312) 782-8150
 FAX: (312) 782-1884

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, AND COMMITMENTS
3 - 4	GENERAL NOTES
5 - 17	SUMMARY OF QUANTITIES
18 - 26	TYPICAL SECTIONS
27 - 34	SCHEDULE OF QUANTITIES
35	ALIGNMENT, TIES, AND BENCHMARKS
36 - 44	REMOVAL PLANS
45 - 53	PLAN AND PROFILE
54	ROADWAY DETAILS
55 - 66	MAINTENANCE OF TRAFFIC
67 - 71	EROSION AND SEDIMENT CONTROL PLANS
72 - 76	PROPOSED DRAINAGE SCHEDULE
77 - 93	DRAINAGE AND UTILITY PLAN AND PROFILE
94 - 96	DRAINAGE DETAILS
97 - 108	PLAT OF HIGHWAYS
109 - 110	INTERSECTION DETAILS
111 - 126	PAVEMENT MARKING AND SIGNING DETAILS
127 - 136	LANDSCAPING PLANS
137 - 151	TRAFFIC SIGNAL PLANS
152 - 159	LIGHTING PLANS
160 - 164	STRUCTURES - NOISE ABATEMENT WALL PLANS
165 - 175	SOIL BORING LOGS
176 - 187	CONSTRUCTION DETAILS
188 - 224	BELL ROAD CROSS SECTIONS
225 - 229	MEADOWVIEW LANE CROSS SECTIONS

DISTRICT ONE AND WILL COUNTY DETAILS

BD-05	DETAILS FOR CONCRETE MEDIAN TYPE SB (DOWELLED) CORRUGATED MEDIAN (MODIFIED)
BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BE-220	ELECTRIC SERVICE INSTALLATION, AERIAL, REMOTE DISCONNECT
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS SHEET A
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
TS-02	DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS
TS-05	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
WC-00800	MEDIAN CURB AND ISLAND PAVEMENT MARKINGS
WC-00046	BUTT JOINT AND HMA TAPER DETAILS

STATE STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 MM) THRU 84" (2100 MM) DIAMETER
542011-02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" (375 MM) THRU 72" (1800 MM) EQUIVALENT DIAMETER
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602006-04	CATCH BASIN, TYPE B
602011-02	CATCH BASIN, TYPE C
602401-07	PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
602402-03	PRECAST MANHOLE, TYPE A, 5' (1.52 M) DIAMETER
602416-09	PRECAST MANHOLE, TYPE A, 8' (2.44 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604031-03	GRATE, TYPE 7
604036-03	GRATE, TYPE 8
604091-05	FRAME AND GRATE TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
641006-01	SIGHT SCREEN WOOD PLANK FENCE TYPE P
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT

731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877011-10	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

COMMITMENTS

- ONE LANE IN EACH DIRECTION SHALL REMAIN OPEN AT ALL TIMES.

FILE NAME = T:\16912A Bell Road\City\Plans\Cover-notes-500\DI - sht - Index-gnnote.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 400
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1984

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - RSK	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STANDARDS,
AND COMMITMENTS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	2
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

- THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS.
- THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UN-TILLABLE CONDITION. LOCATIONS TO BE SEEDED AS SHOWN ON THE PLANS OR WILL BE DETERMINED BY THE ENGINEER.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS.
- FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.
- ON EXISTING PAVEMENT WHICH MAY BE SUPER-ELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPER-ELEVATION UNLESS NEW SUPER-ELEVATION RATES ARE GIVEN ON THE PLANS.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS, INCLUDING EXISTING UTILITIES, PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- UTILITIES SHOWN AS "RELOCATION BY OTHERS" ARE BASED ON DESIGN PLANS BY OTHERS. ACTUAL LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE "CLEAN CONSTRUCTION DEMOLITION DEBRIS SAMPLING EVENT" LETTER REPORT DATED SEPTEMBER 9, 2015 BY K&S ENGINEERS, INC. FORM LPC-663 WAS NOT COMPLETED BECAUSE THE RESULTS FOR ARSENIC AND IRON EXCEEDED THE MAC LIMITS ON TABLE G CONCENTRATIONS. SHOULD UNANTICIPATED EXCAVATION BE REQUIRED ADJACENT TO 15112 S. BELL ROAD, THE MATERIAL SHALL BE CLASSIFIED AS SPECIAL WASTE AND HANDLED, MANAGED AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

- THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA. JULIE CONTACT INFORMATION IS (800) 892-0123 OR 811. CONTACT INFORMATION FOR INDIVIDUAL UTILITIES CAN BE FOUND IN THE SPECIAL PROVISIONS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

AT&T
IL AMERICAN WATER - CHICAGO METRO DIV.
NICOR GAS
WOLVERINE PIPELINE COMPANY
PRAXAIR
COMCAST
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK. PROOF ROLL MUST BE WITNESSED BY THE ENGINEER. THE ROLLING SHALL EXTEND AT LEAST 12 IN. BEYOND EACH EDGE OF THE PROPOSED SUBGRADE COURSE.
- AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATION INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- A 1 FOOT TOP SOIL REMOVAL DEPTH IS USED FOR ESTIMATING PURPOSES. THE TOPSOIL REMOVAL DEPTH GIVEN IS FOR ESTIMATING PURPOSES. THE ACTUAL REMOVAL DEPTH AND THE QUANTITY OF TOPSOIL REMOVAL SHOULD BE VERIFIED IN THE FIELD.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF THE PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF CONNECTING PIPE UNDERDRAINS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST FOR PIPE UNDERDRAINS.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SHALL BE DONE WITH CLSM. USE OF TRENCH BACKFILL AS SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC SHALL NOT BE ALLOWED.
- SAWCUT FOR ITEMS ADJACENT TO ITEMS TO REMAIN ARE INCLUDED IN THE COST OF THE REMOVALS ITEMS.
- THE CONTRACTOR SHALL VERIFY THE MOST RECENT WATER MAIN LINE RELOCATION DESIGN WITH ILLINOIS AMERICAN WATER PRIOR TO BEGINNING ANY WATER MAIN ADJUSTMENTS AND/OR RELOCATION WORK. THE COSTS ASSOCIATED WITH ANY ADJUSTMENTS TO ADJACENT DRAINAGE FEATURES BASED ON UPDATES OR NEW WATER MAIN RELOCATION DESIGN WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST FOR THE RESPECTIVE STORM SEWERS AND/OR DRAINAGE STRUCTURES.
- TREE CLEARING (TREES 3 DBH OR GREATER) SHALL ONLY OCCUR BETWEEN OCTOBER 1 AND MARCH 31 OF ANY CONSTRUCTION YEAR.
- WHERE CONFLICTS EXIST, THE CONTRACTOR SHALL PROVIDE MAILBOX REMOVAL AND REPLACEMENTS WITHIN THE PROJECT LIMITS. IF NEEDED, INTERIM MAILBOX LOCATIONS SHALL BE INSTALLED SO THAT MAIL DELIVERY CAN BE MAINTAINED. THIS WORK SHALL BE APPROVED BY THE ENGINEER AND INCLUDED

- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

DRAINAGE NOTES

- INVERT AND RIM ELEVATIONS FOR EXISTING PIPES AND STRUCTURES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. INVERT AND RIM ELEVATIONS FOR EXISTING PIPES AND STRUCTURES SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION AND PRIOR TO ORDERING MATERIALS.
- FOR INSTALLATION OF PROPOSED DRAINAGE STRUCTURES IN EXISTING SEWERS, A PORTION OF THE EXISTING PIPE SHALL BE CUT AND REMOVED. THE PROPOSED STRUCTURE SHALL BE PROVIDED WITH ADEQUATELY SIZED OPENINGS SUCH THAT THE EXISTING PIPE MAY BE CONNECTING AT ITS EXISTING INVERT ELEVATION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE.
- IN ADDITION TO THE REQUIREMENTS OF ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURES SHALL INCLUDE THE SAND CUSHION, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, ADJUSTING RINGS OR CONCRETE BLOCKS WHEN REQUIRED AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL.
- TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE DETERMINED BY COMPUTER TERRAIN MODELING. THE RESIDENT ENGINEER MAY REVISE THE TOP OF GRATE ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM SEWER AND DITCH FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE JOB SITE DURING CONSTRUCTION.

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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1984

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

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0356	99-00147-07-FP	WILL	229	3
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

UTILITY CONTACT INFORMATION

AT&T: STEVEN PESOLA
 630-573-5703
 630-573-5450
 630-573-5495
 SP9653@ATT.COM

COMED/JOLIET: KYLE ISEK (PUBLIC RELOCATION)
 815-260-3024
 KYLE.ISEK@COMED.COM

NICOR GAS: SAKIBUL FORAH (DOT LIAISON)
 630-388-3830
 SFORAH@SOUTHERNCO.COM

COMCAST/BLUE-ISLAND: AXEL PEREZ
 630-600-6352
 AXEL_PEREZ@COMCAST.COM

IL AMER WTR-CHICAGO METRO DIV: HAROLD SMITH
 630-739-8825
 630-739-8819
 HAROLD.SMITH@AMWATER.COM

VILLAGE OF HOMER GLEN: MICHAEL SALAMOWICZ
 708-301-0632
 MSALAMOWICZ@HOMERGLEN.ORG

HOMER GLEN SCHOOL DISTRICT 33C: DON COZZIE
 708-226-7600
 DCOZZIE@HOMERSCHOOLS.ORG

WOLVERINE PIPELINE: JESSICA HUNTER
 269-357-6002
 JESSICA_HUNTER@WPLCO.COM
 ERIC OTERO
 219-777-0277

PRAXAIR
 LORA GRISOLIA
 4520 KENNEDY AVENUE
 EAST CHICAGO, INDIANA
 46312
 219-391-5964
 LORA.GRISOLIA@PRAXAIR.COM

UTILITY GENERAL NOTES:

1. WOLVERINE'S 16" LIQUID PETROLEUM PIPELINE SHALL BE PROTECTED. WOLVERINE REQUIRES THAT PIPE EXPOSED FOR 40 FEET OR GREATER MUST BE SUPPORTED. OTHER THAN THAT, THE TRENCHING WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH OSHA SAFE STANDARDS.
2. THE CONTRACTOR SHALL IDENTIFY WORK THAT CAN BE COMPLETED PRIOR TO COMPLETION OF UTILITY RELOCATION ACTIVITIES AND SUBMIT A WRITTEN WORK PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL. IT IS EXPECTED THAT CERTAIN AREAS WITHIN THE LIMITS OF IMPROVEMENT WILL BE AVAILABLE WHERE WORK CAN BE PERFORMED BEFORE SEPTEMBER 6, 2022 AND THAT THE CONTRACTOR SHALL CONSTRUCT ALL PRE-STAGE IMPROVEMENTS THAT DO NOT CONFLICT WITH UTILITY RELOCATION ACTIVITIES AS SOON AS PRACTICAL FOLLOWING THE EXECUTION OF THE CONTRACT. THE CONTRACTOR SHALL PERFORM THIS WORK UPON RECEIPT OF WRITTEN APPROVAL BY THE ENGINEER. THE CONTRACTOR SHALL NOT COMPLETE ANY PRE-STAGE WORK THAT IS IMPACTED BY UTILITY RELOCATIONS STARTING PRIOR TO SEPTEMBER 6, 2022. NO ADJUSTMENT TO THE CONTRACT COMPLETION DATE WILL BE MADE SHOULD THE CONTRACTOR PERFORM OTHER WORK PRIOR TO THE COMPLETION OF UTILITY RELOCATIONS. NO EXTENSION OF THE CONTRACT COMPLETION DATE WILL BE MADE SHOULD THE CONTRACTOR ELECT TO NOT PERFORM OTHER WORK PRIOR TO SEPTEMBER 6, 2022.

FILE NAME = T:\16912A_Bell Road\Civil\Plans\Cover-notes-500\DI -shd - Index-gennote.dgn



WSP USA Inc.
 30 N. LASALLE STREET
 SUITE 400
 CHICAGO, IL 60602
 TEL: (312) 782-8100
 FAX: (312) 782-1984

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STATE OF ILLINOIS
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0356	99-00147-07-FP	WILL	229	4
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\N1812A_0a11 Road\Civil\Plans\Cover\notes\S00101.dwg - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRAINEES	
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN	
*		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	391	391							
*		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	265	265							
*		20101000	TEMPORARY FENCE	FOOT	1,376	1,376							
*		20101200	TREE ROOT PRUNING	EACH	5	5							
	*	20200100	EARTH EXCAVATION	CU YD	18,615	18,615							
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,000	6,000							
		20400800	FURNISHED EXCAVATION	CU YD	5,330	5,330							
		20800150	TRENCH BACKFILL	CU YD	573	573							
		20900110	POROUS GRANULAR BACKFILL	CU YD	1,000	1,000							
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7,722	7,722							
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	6,277	6,277							
*		25000115	SEEDING, CLASS 1B	ACRE	0.25	0.25							
*		25000210	SEEDING, CLASS 2A	ACRE	4.25	4.25							
*		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	405	405							
*		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	405	405							
*		25100630	EROSION CONTROL BLANKET	SQ YD	26,620	26,620							
*		25200110	SODDING, SALT TOLERANT	SQ YD	5,966	5,966							
*		25200200	SUPPLEMENTAL WATERING	UNIT	537	537							



WSP USA INC.
30 N. LA Salle STREET
SUITE 400
CHICAGO, IL 60602
TEL: (312) 782-4140
FAX: (312) 782-1884

USER NAME = USHA66997	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 25-MAY-2022 11:51	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET NO. 1 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 5
CONTRACT NO. 61A96				
[ILLINOIS] FED. AID PROJECT				

FILE NAME = T:\RIPRA 0611 Road\G:\1\Plans\Cover-nctas-500\01 - nct - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRAINEES	
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN	
		28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	27	27							
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	700	700							
		28000305	TEMPORARY DITCH CHECKS	FOOT	192	192							
		28000400	PERIMETER EROSION BARRIER	FOOT	8,153	8,153							
		28000510	INLET FILTERS	EACH	56	56							
		28001000	AGGREGATE (EROSION CONTROL)	TON	4	4							
		28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	33,873	33,873							
		28100101	STONE RIPRAP, CLASS A1	SQ YD	972	972							
		28100105	STONE RIPRAP, CLASS A3	SQ YD	947	947							
		28100107	STONE RIPRAP, CLASS A4	SQ YD	25	25							
		28200200	FILTER FABRIC	SQ YD	972	972							
	*	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2,574	2,574							
	*	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	31,194	31,194							
	*	30300115	AGGREGATE SUBGRADE IMPROVEMENT 15"	SQ YD	694	694							
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	35	35							
		35101598	AGGREGATE BASE COURSE, TYPE B 3"	SQ YD	1,110	1,110							
		35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	319	319							



WSP USA INC.
3030 LA SALLE STREET
SUITE 400
CHICAGO, IL 60602
TEL: (312) 782-1100
FAX: (312) 782-1104

USER NAME = USH4669697	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET NO. 2 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 6
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

FILE NAME = T:\1512A Bell Road\Civil\Plans\Cover-notes-50001.dwg - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRAINEES	
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN	
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,539	2,539							
		4060982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,007	1,007							
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	176	176							
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	193	193							
		40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	396	396							
		40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	16,874	16,874							
		40701951	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/2"	SQ YD	24,764	24,764							
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	35	35							
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	9,994					9,994			
		42400800	DETECTABLE WARNINGS	SQ FT	98					98			
		44000100	PAVEMENT REMOVAL	SQ YD	18,711	18,711							
		44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	5,023	5,023							
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	951	951							
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,155	2,155							
		44000600	SIDEWALK REMOVAL	SQ FT	999	999							
		44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	180	180							
		44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	180	180							
		44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	180	180							



WSP USA INC.
3014 LACALIE STREET
SUITE 4200
CHICAGO, IL 60622
TEL: (312) 781-1100
FAX: (312) 781-1104

USER NAME = USHAG9697	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 15-FEB-2022 10:39	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET NO. 3 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 7
CONTRACT NO. 61A96				
[ILLINOIS] FED. AID PROJECT				

FILE NAME = T:\B192A - B011 Road\G:\1\Plans\Cover-notes-SDD\01 - sht - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRAINEES
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%
00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN						
		44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SD YD	180	180						
		50105220	PIPE CULVERT REMOVAL	FOOT	352	352						
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4	4						
		54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1						
		54248510	CONCRETE COLLAR	CU YD	0.4	0.4						
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	498	498						
		550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	96	96						
		550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	47	47						
		550A0210	STORM SEWERS, CLASS A, TYPE 1 60"	FOOT	463	463						
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2,517	2,517						
		550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	597	597						
		550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	356	356						
		550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	81	81						
		550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	97	97						
		550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	974	974						
		550A0520	STORM SEWERS, CLASS A, TYPE 2 72"	FOOT	1,085	1,085						
		55100500	STORM SEWER REMOVAL 12"	FOOT	38	38						



WSP USA INC.
2016 LADALLE STREET
SUITE 4200
CHICAGO, IL 60602
TEL: (312) 782-4150
FAX: (312) 782-1684

USER NAME = USHA591697	DESIGNED - NSL	REVISED -
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PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 15-FEB-2022 10:39	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET NO. 4 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 8
CONTRACT NO. 61A96				
[ILLINOIS] FED. AID PROJECT				

FILE NAME: T:\16192A_Ball Road\Drawings\Plans\Cover-notes-S0001 -tbl - 900.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRAINEES
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN
		55100700	STORM SEWER REMOVAL 15"	FOOT	372	372						
		55100900	STORM SEWER REMOVAL 18"	FOOT	86	86						
		55101400	STORM SEWER REMOVAL 30"	FOOT	61	61						
		59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	606	606						
		60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	8,029	8,029						
		60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	453					453		
		60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	8	8						
		60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	4						
		60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	43	43						
		60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	8	8						
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	21	21						
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2						
		60224457	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1						
		60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	17	17						
		60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1						
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	11,519	11,519						
		60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	312	312						
		60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	2,034	2,034						



WSP USA Inc.
20 N. LA SALLE STREET
SUITE 400
CHICAGO, IL 60601
TEL: (312) 782-4150
FAX: (312) 782-1684

USER NAME = USH4659697	DESIGNED - NSL	REVISED -
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DATE = 10/04/2021	REVISIONS -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. 5 OF 13 SHEETS	STA.	TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 9
CONTRACT NO. 61A96				
[ILLINOIS] FED. AID PROJECT				

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY LIGHTING	HOMER GLEN NEW SIDEWALK	RETAINING WALLS	TRAINEES	
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN	
*		64100115	SIGHT SCREEN (WOODEN FENCE), TYPE P 6'	FOOT	90	90							
*		66400105	CHAIN LINK FENCE, 4'	FOOT	127	127							
*		66400305	CHAIN LINK FENCE, 6'	FOOT	80	80							
*		66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	250	250							
*		66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1							
*		66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1							
*		66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1							
*		66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	10							
		67100100	MOBILIZATION	L SUM	1	1							
		70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	540	540							
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	13,087	13,087							
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	4,362	4,362							
		70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1,747	1,747							
		70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	218,688	218,688							
		70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	17,851	17,851							
		70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	4,650	4,650							
		70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	2,032	2,032							

FILE NAME = T:\19128_Bel1_Road\Civil\Plans\Cover-notes-500\01 - sht - 500.dgn



WSP USA INC
30 N CASALE STREET
SUITE 400
CHICAGO, IL 60607
TEL (312) 792-4150
FAX (312) 792-1684

USER NAME = USHA69957	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 25-MAY-2022 12:14	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 6 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	10
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

FILE NAME = T:\16182A_Ball Road\Drawings\Plans\Cover-notes\500\01 - sht - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
						ROADWAY	TRAFFIC	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRANEES
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%
00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN						
		70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	1,008	1,008						
		70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,450	2,450						
		70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,003	1,003						
		70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,730	1,730						
		70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	6	6						
		70600340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2						
*	*	72000100	SIGN PANEL - TYPE 1	SQ FT	276	265.5	10.5					
*	*	72000200	SIGN PANEL - TYPE 2	SQ FT	40.5	18.0	22.5					
		72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	151.0	151						
*		72900100	METAL POST - TYPE A	FOOT	389	389						
		73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	2	2						
*		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	620	620						
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23,328	23,328						
*		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,101	3,101						
*		78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	120	120						
*		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	386	386						
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	186	186						
*		78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	1,033	1,033						



WSP USA INC
25 N. LASKIE STREET
SUITE 400
CHICAGO, IL 60602
TEL (312) 762-4150
FAX (312) 762-1864

USER NAME = USHAG6967	DESIGNED - NSL	REVISED -
PLDT SCALE =	DRAWN - MMA	REVISED -
PLDT DATE = 15-FEB-2022 10:39	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 7 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	11
CONTRACT NO. 61A95			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\B15126 - Ball Road\Drawings\Plan\Cover-notes-500\01 - hst - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRAINEES	
						FEDERAL=80% COUNTY=20%	SIGNALS	PRE-EMPTION	LIGHTING	NEW SIDEWALK	WALLS	FEDERAL=80% COUNTY=20%	
						00003 URBAN	FEDERAL=80% COUNTY=20%	00021 URBAN	FEDERAL=80% COUNTY=20%	00021 URBAN	0021 URBAN	FEDERAL=80% COUNTY=20%	0003 URBAN
*		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	418	418							
*		78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	20	20							
*		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	255	255							
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	31,486	31,486							
*	*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1				1				
*	*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1				1				
*	*	80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	1		1						
*	*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	756		756						
*	*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	180		136		44				
*	*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	454		454						
*	*	81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	20				20				
*	*	81400100	HANDHOLE	EACH	4		4						
*	*	81400200	HEAVY-DUTY HANDHOLE	EACH	4		4						
*	*	81400300	DOUBLE HANDHOLE	EACH	2		2						
*		81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,500				1,500				
*		81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	50				50				
*	*	82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4				4				



WSP USA, Inc.
30 N. LA SALLE STREET
SUITE 400
CHICAGO, IL 60602
TEL (312) 762-8162
FAX (312) 762-1564

USER NAME = USH669897
DESIGNED - NSL
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PLOT DATE = 15-FEB-2022 10:39
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: SHEET NO. 8 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	12
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

FILE NAME = T:\J61624_Ball_Road\Civil\Plans\Cover-notes-502\01 - sht - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY LIGHTING	HOMER GLEN NEW SIDEWALK	RETAINING WALLS	TRAINEES	
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN	
*		82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	1				1				
*		84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1				1				
*		84200804	REMOVAL OF POLE FOUNDATION	EACH	1				1				
*		84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1				1				
*	*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,289		1,289						
*	*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	635		635						
*	*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,876		1,876						
*	*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,499		1,499						
*	*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,850		2,850						
*	*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	68		68						
*	*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	621		621						
*	*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2		2						
*	*	87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1		1						
*	*	87702940	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH	1		1						
*	*	87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1		1						
*	*	87704342	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 28 FT. AND 34 FT.	EACH	1		1						
*	*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12		12						
*	*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4						



WSP USA Inc.
3016 LASALLE STREET
SUITE 4200
CHICAGO, IL 60652
TEL: (312) 762-8150
FAX: (312) 742-1664

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	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 9 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 13
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

FILE NAME = T:\181824_Bell Road\Drawings\Cover-notes-500\01 -int - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRAINEES	
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN	
*	*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	36		36						
*	*	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21		21						
*	*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7		7						
*	*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3		3						
*	*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3		3						
*	*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5		5						
*	*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4		4						
*	*	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	12		12						
*		88500100	INDUCTIVE LOOP DETECTOR	EACH	10		10						
*	*	88600100	DETECTOR LOOP, TYPE I	FOOT	1,001		1,001						
*	*	88700200	LIGHT DETECTOR	EACH	2			2					
*	*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1			1					
*	*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1						
*	*	89502376	REBUILD EXISTING HANDHOLE	EACH	1		1						
*		89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1		1						
*		A2002714	TREE, CARYA OVATA (SHAGBARK HICKORY), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	8	8							
*		A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6							



WSP USA INC.
30 N. LASALLE STREET
SUITE 400
CHICAGO, IL 60602
TEL (312) 742-4130
FAX (312) 742-1684

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET NO. 10 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 14
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\161024_Ba11_Road\Civil\1\Plans\Cover-notes-500\01 - sht - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRAINEES	
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN	
*		A2008470	TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
*		A2008722	TREE, ULMUS PATRIOT (PATRIOT ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3							
*		B0001716	TREE, AMELANCHIER X GRANDIFLORA APPLE, (APPLE SERVICEBERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8	8							
*		B2006016	TREE, SYRINGA PEKINENSIS (PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12	12							
*		B2005316	TREE, MALUS ZUMI CALOCARPA (REDBUD ZUMI CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	17	17							
*		C2C00524	SHRUB, ARONIA MELANOCARPA (BLACK CHOKE BERRY), 2' HEIGHT, CONTAINER	EACH	294	294							
*		C2C03424	SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT CONTAINER	EACH	238	238							
*		C2C04512	SHRUB, MICROBIOTA DECUSSATA (SIBERIAN CYPRESS), 2' HEIGHT, CONTAINER	EACH	206	206							
*		E20210G1	VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT	EACH	466	466							
*	*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	674	674							
	*	X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SQ FT	31,910						31,910		
	*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	21	21							
	*	X0323261	TEMPORARY SEDIMENT BASIN	EACH	1	1							
*	*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	278			278					
	*	X0327218	DETENTION BASIN OUTLET STRUCTURE	EACH	2	2							
*	*	X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1		1						
*	*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1		1						
*	*	X2500322	SEEDING, CLASS 5A, (MODIFIED)	ACRE	0.5	0.5							



WSP USA, INC.
30 N. CASALLE STREET
SUITE 400
CHICAGO, IL 60602
TEL: (312) 782-6150
FAX: (312) 782-1684

USER NAME = USHA69897
DESIGNED - NSL
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: SHEET NO. 11 OF 13 SHEETS STA. TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 15
CONTRACT NO. 61A96				
[ILLINOIS] FED. AID PROJECT				

FILE NAME * T:\US12A_Ba1\Road\Civil\Plans\Cover-netes-500\01 - sht - 500.dgn

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY	HOMER GLEN	RETAINING	TRAINEES	
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN	
*	*	X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	0.5	0.5							
*	*	X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	0.5	0.5							
*	*	X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.5	0.5							
*	*	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4	4							
	*	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	5	5							
	*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	8	8							
	*	X6060714	CONCRETE MEDIAN (SPECIAL)	SQ FT	816	816							
	*	X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SQ FT	7,195	7,195							
	*	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	18	18							
	*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1							
	*	X7010238	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL MO	60	60							
*	*	X8360110	LIGHT POLE FOUNDATION, SPECIAL	FOOT	8				8				
*	*	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1						
*	*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4		4						
*	*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4		4						
*	*	X8900030	REMOVE EXISTING TEMPORARY TRAFFIC SIGNAL EQUIPMENT	EACH	1		1						
	*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1							



WSP USA Inc
20 N. LA SALLE STREET
SUITE 400
CHICAGO, IL 60602
TEL (312) 742-4150
FAX (312) 742-1544

USER NAME = USH4589697
DESIGNED - NSL
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: SHEET NO. 12 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	16
CONTRACT NO. 61A96			[ILLINOIS] FED. AID PROJECT	

SPECIALTY ITEM	SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
						ROADWAY	TRAFFIC SIGNALS	EMERGENCY VEHICLE	HIGHWAY LIGHTING	HOMER GLEN NEW SIDEWALK	RETAINING WALLS	TRAINEES	
						FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	FEDERAL=80% COUNTY=20%	
						00003 URBAN	00021 URBAN	00021 URBAN	00021 URBAN	0021 URBAN	0003 URBAN	00042 URBAN	
	*	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	6	6							
	*	Z0022800	FENCE REMOVAL	FOOT	514	514							
	*	Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	324	324							
*	*	Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4				4				
	*	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	234	234							
	*	Z0062456	TEMPORARY PAVEMENT	SO YD	1,484	1,484							
	*	Z0064505	SECTION CORNER MARKERS	EACH	1	1							
*	*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1						
	*	Z0076600	TRAINEES	HOUR	1,000								1,000
	*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000								1,000

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WSP USA INC.
20 N. LA SALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 762-4150
FAX: (312) 762-1654

USER NAME = USHA66997	DESIGNED - NSL	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

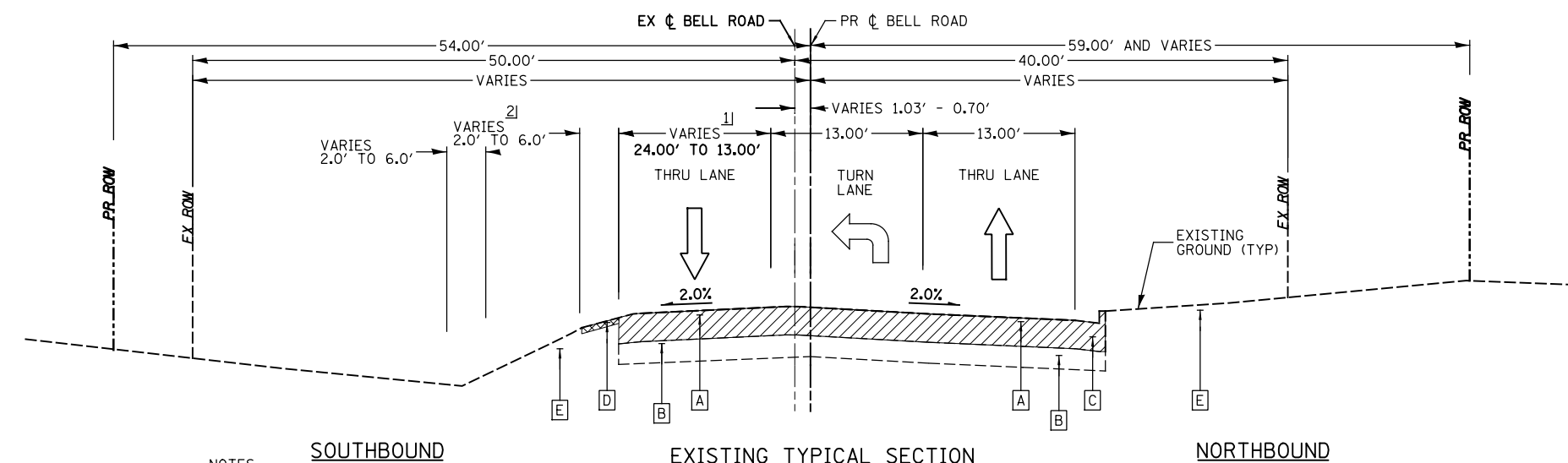
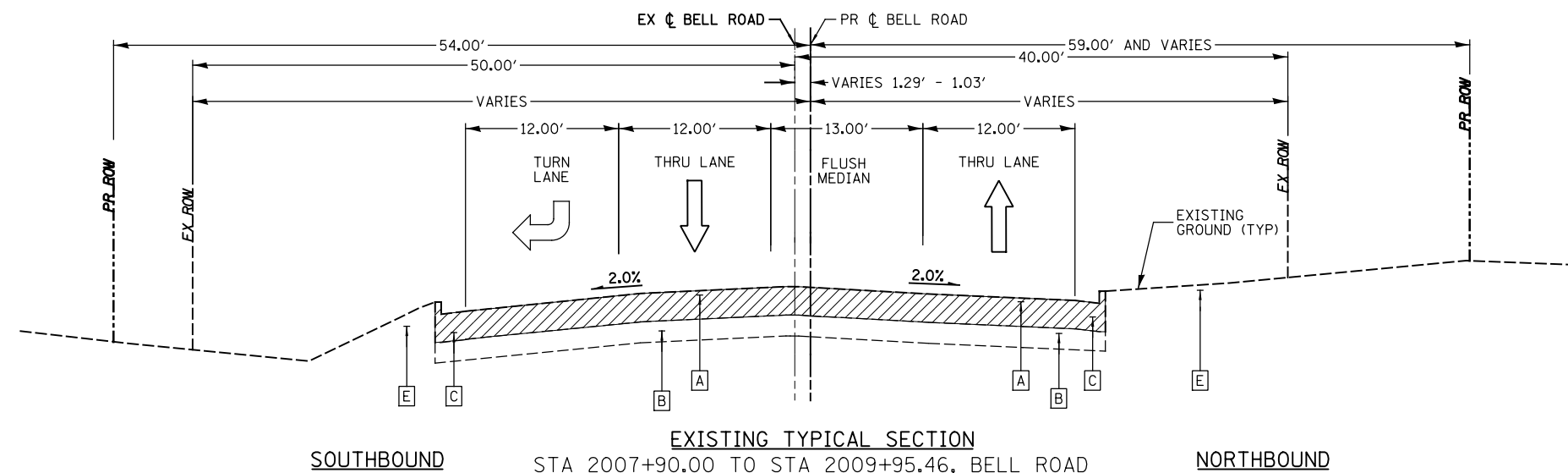
SUMMARY OF QUANTITIES			
SCALE:	SHEET NO. 13 OF 13 SHEETS	STA.	TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 17
CONTRACT NO. 61A96				ILLINOIS FED. AID PROJECT

EXISTING LEGEND (BELL ROAD)

- A EXISTING HOT-MIX ASPHALT PAVEMENT (VARIES)
- B EXISTING AGGREGATE BASE (VARIES)
- C EXISTING CURB & GUTTER
- D EXISTING GRAVEL SHOULDERS
- E EXISTING GROUND
- F EXISTING SIDEWALK

-  REMOVAL OF EXISTING PAVEMENT (44000100), REMOVAL OF EXISTING CURB & GUTTER (44000500)
-  SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION (20200100)
-  HOT MIX ASPHALT REMOVAL - 1 1/2" (44000155)
-  SIDEWALK REMOVAL (44000600)



- NOTES:
- 1] WIDTH VARIES FROM 24.0' TO 13.0' FROM STA 2009+95.46 TO STA 2011+02.41
 WIDTH 13.0' FROM STA 2011+02.41 TO STA 2012+64.14
 - 2] WIDTH VARIES FROM 2.0' TO 6.0' FROM STA 2009+51.22 TO STA 2011+000.78

- NOTES:
1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
 2. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
 3. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART FOR MIXTURE DESIGN - SEE TYPICAL SHEET 9 OF 9
 4. SEE STRUCTURE SHEETS FOR WALL DETAILS
 5. SEE TYPICAL SECTION DETAILS FOR CONCRETE MEDIAN TYPE
 6. GUTTER FLAG DEPTH TO MATCH PAVEMENT THICKNESS (13 1/2")
 7. RETAINING WALL AND NOISE ABATEMENT WALL WORK WILL BE PAID FOR AS NOISE ABATEMENT WALL GROUND MOUNTED.
 8. TOPSOIL PLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. AS TOPSOIL EXCAVATION AND PLACEMENT.

FILE NAME = T:\161912A Bell Road\Civil\Plans\Typical sheets\01 - sht - Typical1.dgn



WSP USA Inc.
 30 N. LASALLE STREET
 SUITE 4000
 CHICAGO, IL 60602
 TEL: (312) 782-8100
 FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE SHEET NO. 1 OF 9 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	18
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

EXISTING LEGEND (BELL ROAD)

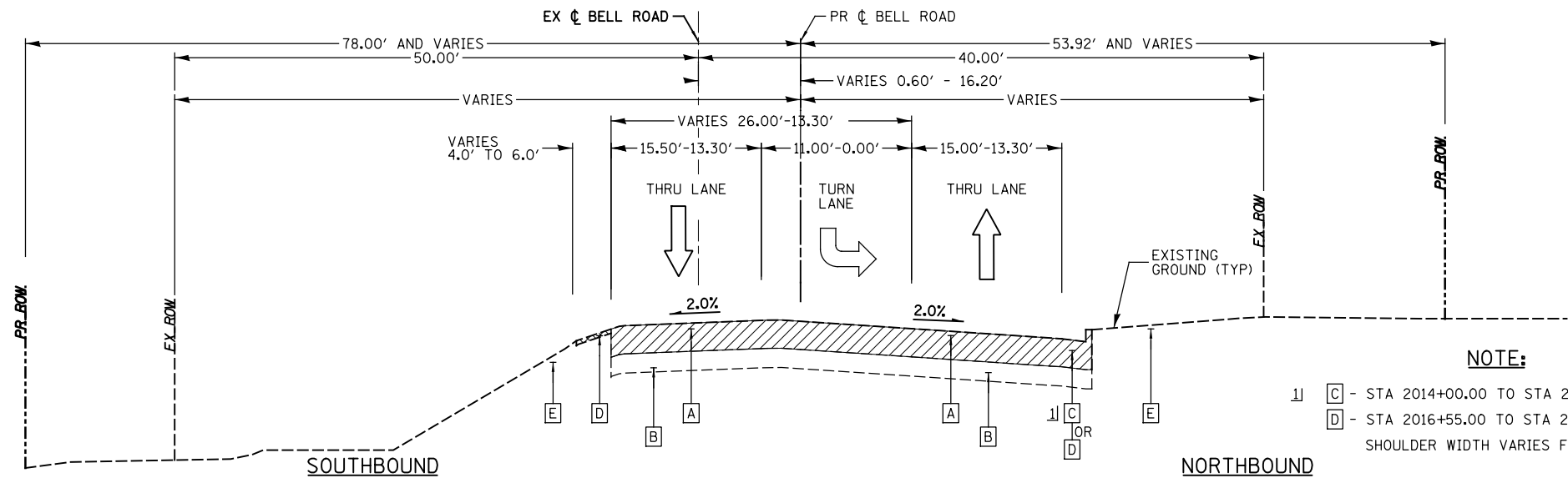
- [A] EXISTING HOT-MIX ASPHALT PAVEMENT (VARIES)
- [B] EXISTING AGGREGATE BASE (VARIES)
- [C] EXISTING CURB & GUTTER
- [D] EXISTING GRAVEL SHOULDERS
- [E] EXISTING GROUND
- [F] EXISTING SIDEWALK

[Hatched Pattern] REMOVAL OF EXISTING PAVEMENT (44000100), REMOVAL OF EXISTING CURB & GUTTER (44000500)

[Cross-hatched Pattern] SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION (20200100)

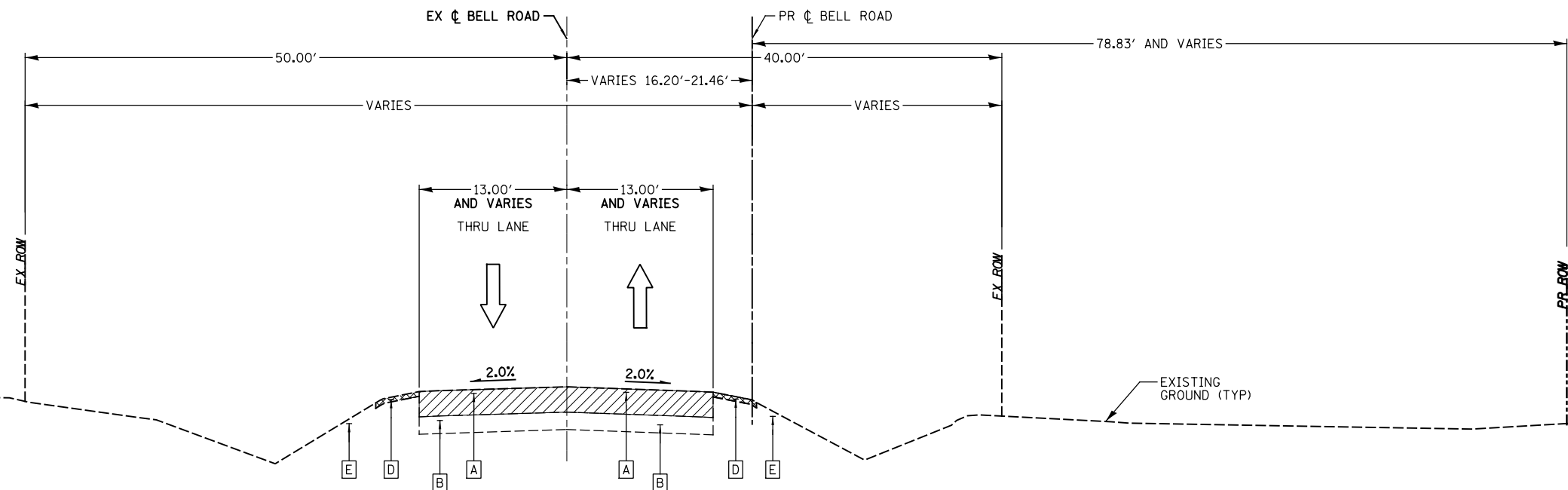
[Diagonal Hatched Pattern] HOT MIX ASPHALT REMOVAL - 1 1/2" (44000155)

[Vertical Hatched Pattern] SIDEWALK REMOVAL (44000600)



- NOTE:
- 1) [C] - STA 2014+00.00 TO STA 2016+55.00
 - [D] - STA 2016+55.00 TO STA 2021+27.32
- SHOULDER WIDTH VARIES FROM 4.0' TO 6.0'

EXISTING TYPICAL SECTION
STA 2014+00.00 TO STA 2021+27.32, BELL ROAD



- NOTES:
1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
 2. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
 3. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART FOR MIXTURE DESIGN - SEE TYPICAL SHEET 9 OF 9
 4. SEE STRUCTURE SHEETS FOR WALL DETAILS
 5. SEE TYPICAL SECTION DETAILS FOR CONCRETE MEDIAN TYPE
 6. GUTTER FLAG DEPTH TO MATCH PAVEMENT THICKNESS (13 1/2")
 7. RETAINING WALL AND NOISE ABATEMENT WALL WORK WILL BE PAID FOR AS NOISE ABATEMENT WALL GROUND MOUNTED.
 8. TOPSOIL PLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. AS TOPSOIL EXCAVATION AND PLACEMENT.

EXISTING TYPICAL SECTION
STA 2021+27.32 TO STA 2031+19.21, BELL ROAD

WOODLAND DR. INTERSECTION
STA 2031+19.21 TO STA 2032+31.30

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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

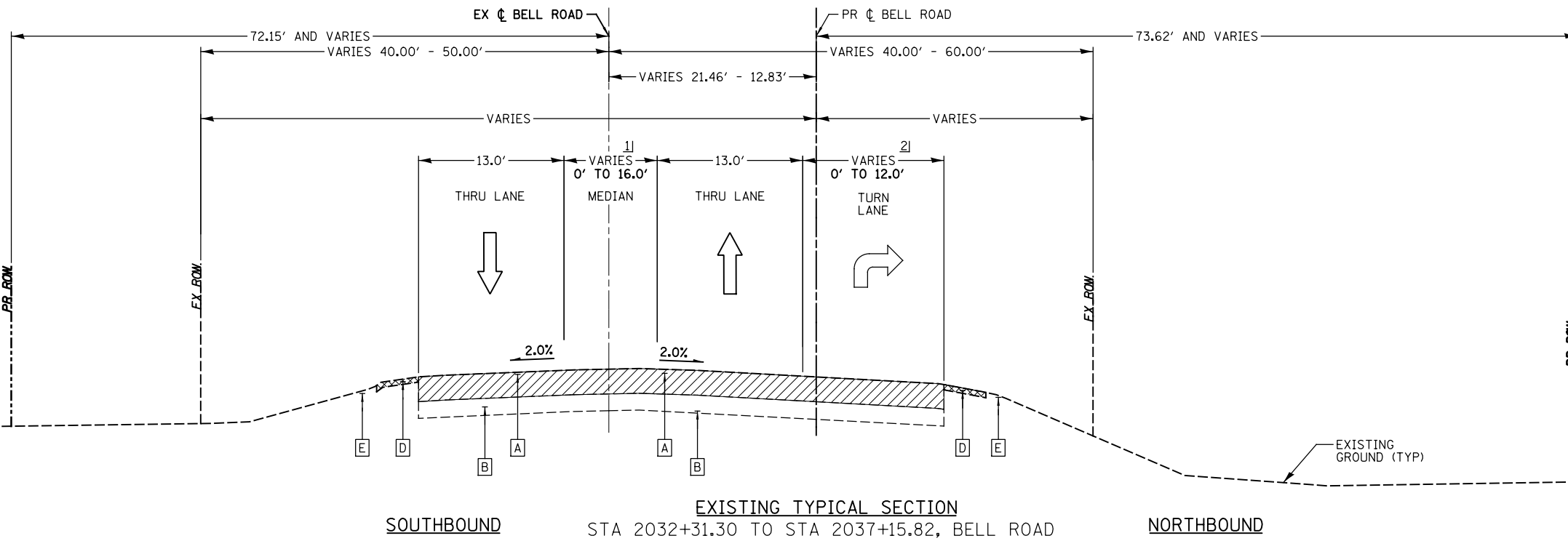
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE SHEET NO. 2 OF 9 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	19
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

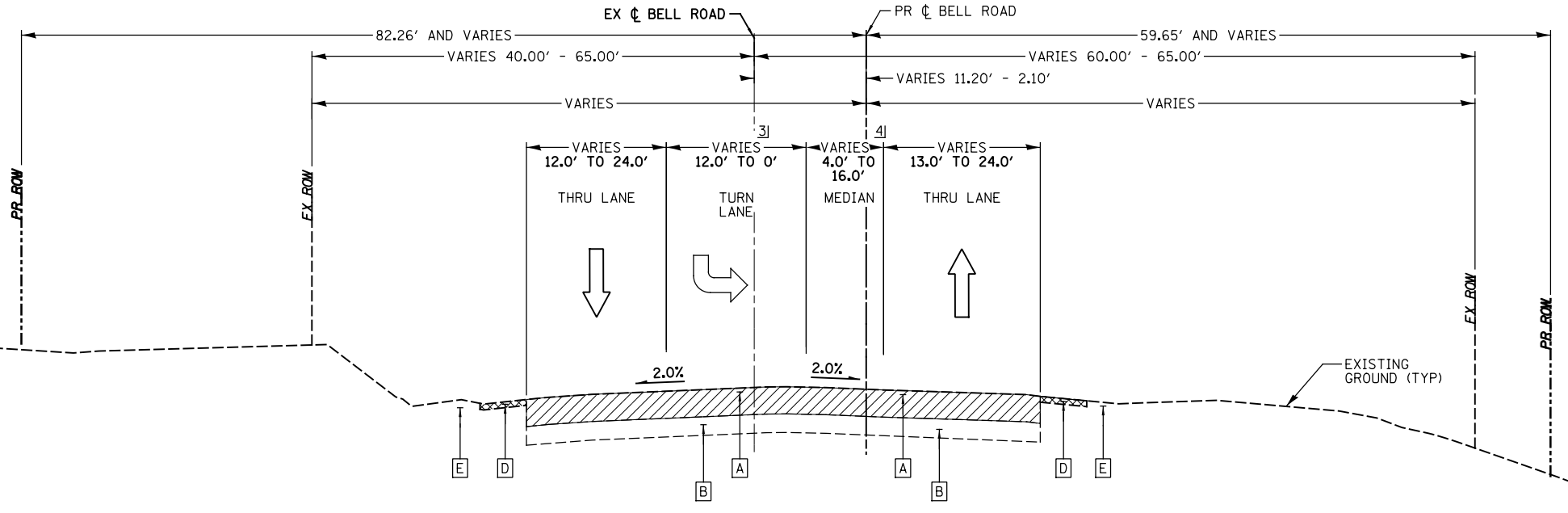


EXISTING TYPICAL SECTION
 SOUTHBOUND STA 2032+31.30 TO STA 2037+15.82, BELL ROAD
 NORTHBOUND
COMMERCIAL ENTRANCE INTERSECTION
 STA 2037+15.82 TO STA 2037+95.00

- EXISTING LEGEND (BELL ROAD)**
- [A] EXISTING HOT-MIX ASPHALT PAVEMENT (VARIES)
 - [B] EXISTING AGGREGATE BASE (VARIES)
 - [C] EXISTING CURB & GUTTER
 - [D] EXISTING GRAVEL SHOULDERS
 - [E] EXISTING GROUND
 - [F] EXISTING SIDEWALK

- [Hatched] REMOVAL OF EXISTING PAVEMENT (44000100), REMOVAL OF EXISTING CURB & GUTTER (44000500)
- [Cross-hatched] SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION (20200100)
- [Diagonal lines] HOT MIX ASPHALT REMOVAL - 1 1/2" (44000155)
- [Vertical lines] SIDEWALK REMOVAL (44000600)

- NOTES:**
- 1] WIDTH 0' FROM STA 2031+30.00 TO STA 2033+45.94 VARIES FROM 0' TO 16.0' FROM STA 2033+45.94 TO STA 2037+15.82
 - 2] WIDTH VARIES 0' TO 12.0' FROM STA 2035+02.84 TO STA 2036+50.30 WIDTH 12' FROM STA 2036+50.30 TO STA 2037+17.89
 - 3] WIDTH 12.0' FROM STA 2037+89.80 TO STA 2038+95.60 VARIES FROM 12.0' TO 0' FROM STA 2038+95.60 TO STA 2041+23.04
 - 4] WIDTH 4.0' FROM STA 2037+95.00 TO STA 2039+00.00 VARIES FROM 4.0' TO 16.0' FROM STA 2039+00.00 TO STA 2044+25.00



EXISTING TYPICAL SECTION
 SOUTHBOUND STA 2037+95.00 TO STA 2044+35.00, BELL ROAD
 NORTHBOUND

- NOTES:**
1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
 2. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
 3. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART FOR MIXTURE DESIGN - SEE TYPICAL SHEET 9 OF 9
 4. SEE STRUCTURE SHEETS FOR WALL DETAILS
 5. SEE TYPICAL SECTION DETAILS FOR CONCRETE MEDIAN TYPE
 6. GUTTER FLAG DEPTH TO MATCH PAVEMENT THICKNESS (13 1/2")
 7. RETAINING WALL AND NOISE ABATEMENT WALL WORK WILL BE PAID FOR AS NOISE ABATEMENT WALL GROUND MOUNTED.
 8. TOPSOIL PLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. AS TOPSOIL EXCAVATION AND PLACEMENT.

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WSP USA Inc.
 30 N. LASALLE STREET
 SUITE 4000
 CHICAGO, IL 60602
 TEL: (312) 782-8100
 FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 12-FEB-2021 11:40	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE	SHEET NO. 3 OF 9 SHEETS	STA. N/A TO STA. N/A
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F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 20
CONTRACT NO. 61A96				ILLINOIS FED. AID PROJECT

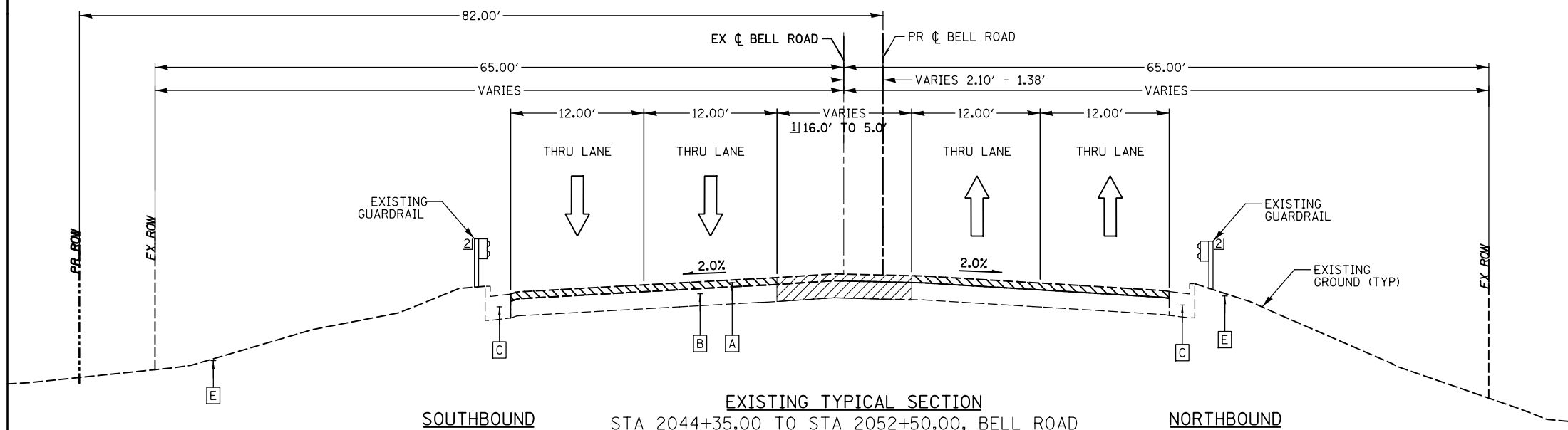
EXISTING LEGEND (BELL ROAD)

- [A] EXISTING HOT-MIX ASPHALT PAVEMENT (VARIES)
- [B] EXISTING AGGREGATE BASE (VARIES)
- [C] EXISTING CURB & GUTTER
- [D] EXISTING GRAVEL SHOULDERS
- [E] EXISTING GROUND
- [F] EXISTING SIDEWALK

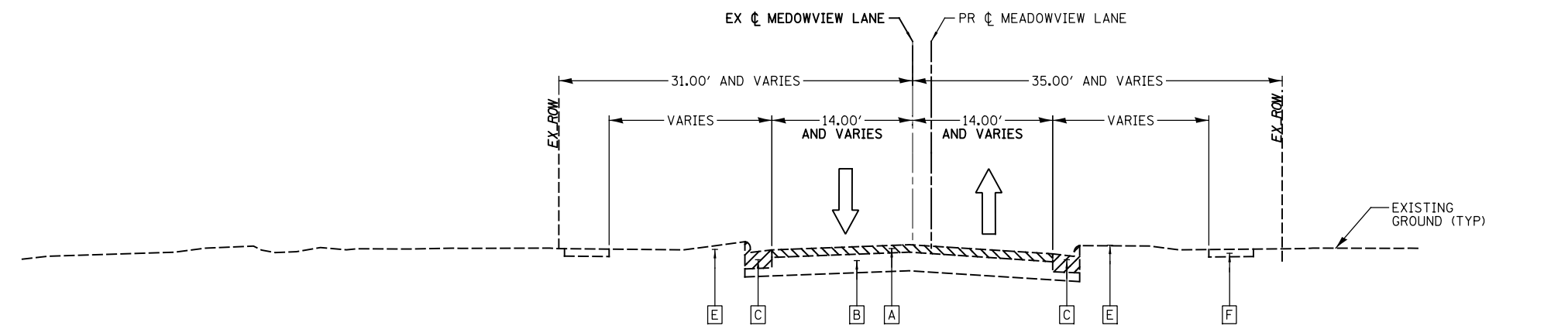
-  REMOVAL OF EXISTING PAVEMENT (44000100), REMOVAL OF EXISTING CURB & GUTTER (44000500)
-  SHOULDER REMOVAL PAID FOR AS EARTH EXCAVATION (20200100)
-  HOT MIX ASPHALT REMOVAL - 1 1/2" (44000155)
-  SIDEWALK REMOVAL (44000600)

NOTES:

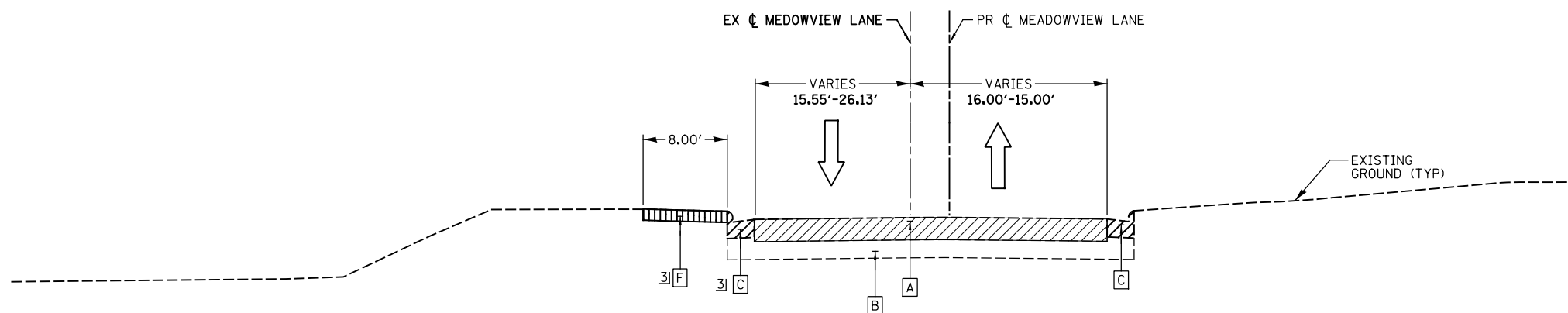
- 1] WIDTH 16' FROM STA 2044+35.00 TO STA 2048+21.68
VARIES FROM 16' TO 5.0' FROM STA 2048+21.67 TO STA 2050+41.68
WIDTH 5' FROM 2050+41.68 TO 2052+48.68
- 2] EXISTING GUARDRAIL FROM STA 2047+50 LT TO STA 2046+32.00 RT
- 3] MATCH INTO EXISTING CURB AND SIDEWALK FROM STA 80+83.52 TO STA 81+58.68.



EXISTING TYPICAL SECTION
STA 2044+35.00 TO STA 2052+50.00, BELL ROAD



EXISTING TYPICAL SECTION
STA 77+29.08 TO STA 79+12.12, MEADOWVIEW LANE



EXISTING TYPICAL SECTION
STA 80+79.59 STA 81+58.68, MEADOWVIEW LANE

NOTES:

1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
2. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
3. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART FOR MIXTURE DESIGN - SEE TYPICAL SHEET 9 OF 9
4. SEE STRUCTURE SHEETS FOR WALL DETAILS
5. SEE TYPICAL SECTION DETAILS FOR CONCRETE MEDIAN TYPE
6. GUTTER FLAG DEPTH TO MATCH PAVEMENT THICKNESS (13 1/2")
7. RETAINING WALL AND NOISE ABATEMENT WALL WORK WILL BE PAID FOR AS NOISE ABATEMENT WALL GROUND MOUNTED.
8. TOPSOIL PLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. AS TOPSOIL EXCAVATION AND PLACEMENT.

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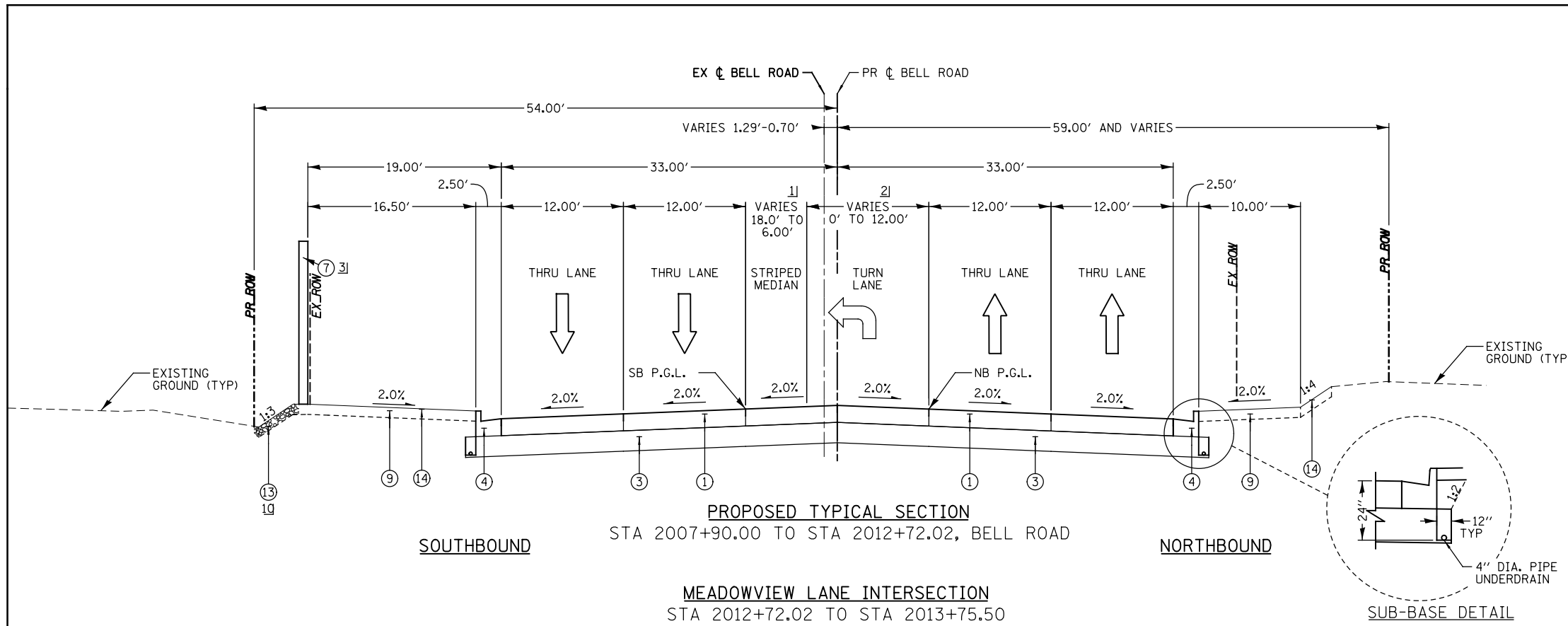
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE SHEET NO. 4 OF 9 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	21
				CONTRACT NO. 61A96
ILLINOIS FED. AID PROJECT				

FILE NAME = T:\161912A Bell Road\Civil\Plans\Typical sheets\01-shr - Typical1.dgn



PROPOSED TYPICAL SECTION
 STA 2007+90.00 TO STA 2012+72.02, BELL ROAD
MEADOWVIEW LANE INTERSECTION
 STA 2012+72.02 TO STA 2013+75.50

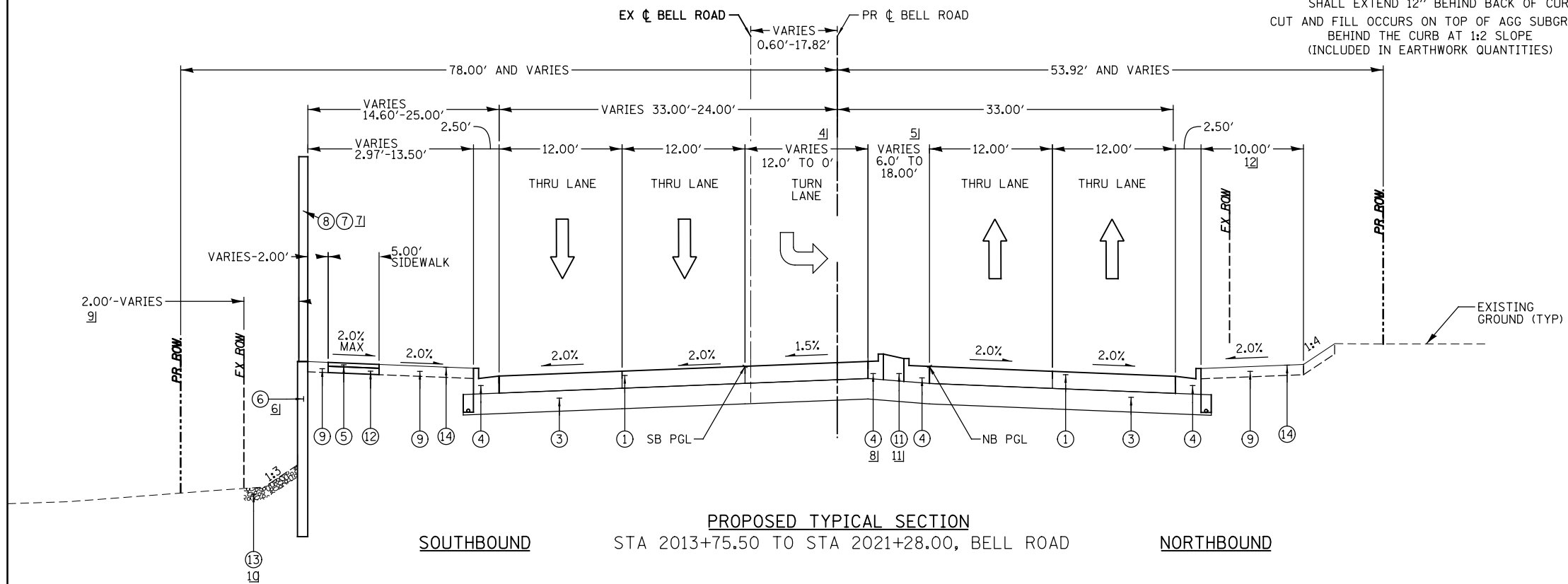
PROPOSED LEGEND (BELL ROAD)

- ① HOT MIX ASPHALT PAVEMENT (FULL DEPTH) - 13 1/2" (40701951)
 - HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 - 2"
 - HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11.5"
- ② HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2" (40604062)
- ③ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200)
- ⑥ RETAINING WALL, (X0301423)
- ⑦ NOISE ABATEMENT WALL, GROUND MOUNTED (X0301423)
- ⑧ NOISE ABATEMENT WALL, (X0301423)
- ⑨ TOPSOIL PLACEMENT 6"
- ⑩ TOPSOIL PLACEMENT 24"
- ⑪ a) CONCRETE MEDIAN, TYPE SB-6 (SPECIAL) (X6061100)
 b) CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
- ⑫ AGGREGATE BASE COURSE, TYPE B, 3" (35101598)
- ⑬ STONE RIPRAP, CLASS A1 (28100101) WITH FILTER FABRIC (28200200)
- ⑭ SEEDING, CLASS 2A SALT TOLERANT ROADSIDE MIX (25000210)
- ⑮ SODDING, SALT TOLERANT (25200110)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50-1 1/2" (40604060)
- ⑰ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/2" (40603080)
- ⑱ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)

NOTES:

- 1) WIDTH 18.00' FROM STA 2007+90.00 TO STA 2008+65.58
 VARIES FROM 18.00' TO 6.00' FROM STA 2008+65.58 TO STA 2010+85.18
 WIDTH 6.00' FROM STA 2010+85.18 TO STA 2012+72.02
- 2) WIDTH 0' FROM STA 2007+90.00 TO STA 2008+65.58
 WIDTH VARIES FROM 0' TO 12.00' FROM STA 2008+65.58 TO STA 2010+84.00
 (ON PAINT MARK)
 WIDTH 12.00' FROM STA 2010+85.18 TO STA 2012+70.00
- 3) NOISE WALL FROM STA 2010+68.00 TO 2012+75.00
 (SEE STRUCTURAL SHEETS FOR WALL DETAILS)
- 4) WIDTH 12.00' FROM STA 2013+78.00 TO STA 2019+08.00
 WIDTH VARIES FROM 12.00' TO 0' FROM STA 2019+08.00 TO STA 2021+28.00
- 5) WIDTH 6.00' FROM STA 2013+75.00 TO STA 2019+08.00
 VARIES FROM 6.00' TO 18.00' FROM STA 2019+08.00 TO STA 2021+28.00
- 6) RETAINING WALL FROM STA 2013+81.00 TO STA 2018+32.00
- 7) NOISE WALL FROM STA 2013+81.00 TO STA 2031+31.00
 (SEE STRUCTURAL SHEETS FOR WALL HEIGHT)
- 8) SOUTHBOUND GUTTER FLAG ADJACENT TO LEFT TURN
 LANE WIDTH SHALL BE 12" FROM STA 2013+92.29 TO STA 2019+08.00
- 9) NOISE WALL OFFSET FROM EXISTING RIGHT OF WAY
 STA 2013+81.00 TO STA 2016+12.40 AND FROM STA
 2016+12.40 TO STA 2031+31.00, VARIES UP TO 2.00'
- 10) FROM STA 2010+68.00 TO 2012+75.00,
 FROM STA 2015+82.79 TO 2031+31.00
- 11) FROM STA 2013+92.29 TO 2020+12.82 (SEE ROADWAY DETAILS)
- 12) THE 10' SHELF FROM STA 2016+50.00
 TO 2021+50.00 SHALL SLOPE TOWARDS
 THE PROPOSED DITCH (SEE CROSS SECTIONS)

SUB-BASE DETAIL
 APPLICABLE TO ALL CURB AND GUTTER
 AGGREGATE SUBGRADE IMPROVEMENT, 12"
 SHALL EXTEND 12" BEHIND BACK OF CURB.
 CUT AND FILL OCCURS ON TOP OF AGG SUBGRADE
 BEHIND THE CURB AT 1:2 SLOPE
 (INCLUDED IN EARTHWORK QUANTITIES)

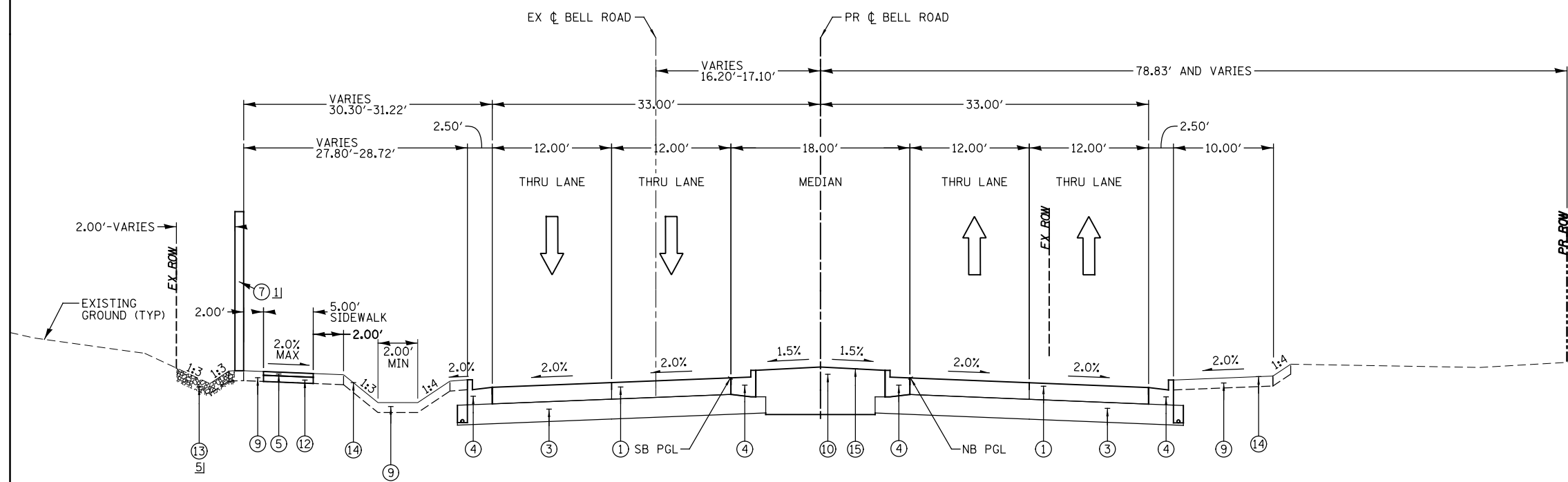


PROPOSED TYPICAL SECTION
 STA 2013+75.50 TO STA 2021+28.00, BELL ROAD

NOTES:

- 1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
- 2. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
- 3. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART
 FOR MIXTURE DESIGN - SEE TYPICAL SHEET 9 OF 9
- 4. SEE STRUCTURE SHEETS FOR WALL DETAILS
- 5. SEE TYPICAL SECTION DETAILS FOR CONCRETE MEDIAN TYPE
- 6. GUTTER FLAG DEPTH TO MATCH PAVEMENT THICKNESS (13 1/2")
- 7. RETAINING WALL AND NOISE ABATEMENT WALL WORK WILL BE
 PAID FOR AS NOISE ABATEMENT WALL GROUND
 MOUNTED.
- 8. TOPSOIL PLACEMENT SHALL BE PAID FOR AT THE CONTRACT
 UNIT PRICE PER CU. YD. AS TOPSOIL EXCAVATION AND PLACEMENT.

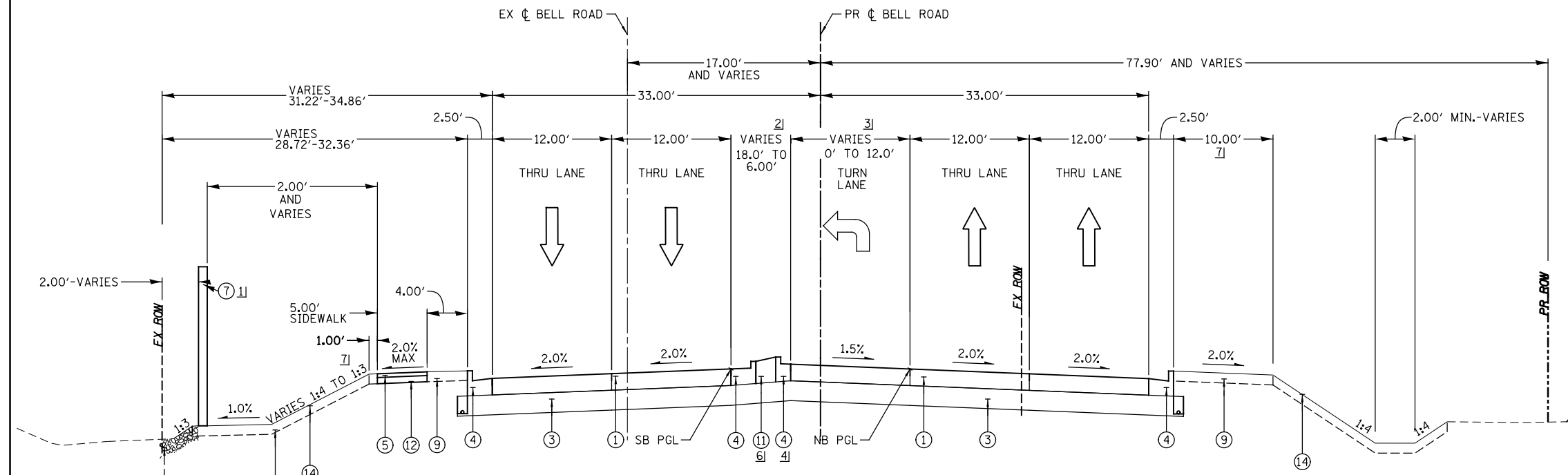
	WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-8100 FAX: (312) 782-1884	USER NAME = USHA669697 DESIGNED - NSL DRAWN - MMA CHECKED - DVS PLOT DATE = 12-FEB-2021 11:40	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A.P. R.T.E. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 22
	SCALE: NONE SHEET NO. 5 OF 9 SHEETS STA. N/A TO STA. N/A				CONTRACT NO. 61A96 ILLINOIS FED. AID PROJECT						



PROPOSED TYPICAL SECTION
 SOUTHBOUND STA 2021+28.00 TO STA 2025+36.34, BELL ROAD
 NORTHBOUND

- PROPOSED LEGEND (BELL ROAD)**
- ① HOT MIX ASPHALT PAVEMENT (FULL DEPTH) - 13 1/2" (40701951)
 - HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 - 2"
 - HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11.5"
 - ② HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2" (40604062)
 - ③ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
 - ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
 - ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200)
 - ⑥ RETAINING WALL, (X0301423)
 - ⑦ NOISE ABATEMENT WALL, GROUND MOUNTED (X0301423)
 - ⑧ NOISE ABATEMENT WALL, (X0301423)
 - ⑨ TOPSOIL PLACEMENT 6"
 - ⑩ TOPSOIL PLACEMENT 24"
 - ⑪ a) CONCRETE MEDIAN, TYPE SB-6 (SPECIAL) (X6061100)
 b) CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
 - ⑫ AGGREGATE BASE COURSE, TYPE B, 3" (35101598)
 - ⑬ STONE RIPRAP, CLASS A1 (28100101) WITH FILTER FABRIC (28200200)
 - ⑭ SEEDING, CLASS 2A SALT TOLERANT ROADSIDE MIX (25000210)
 - ⑮ SODDING, SALT TOLERANT (25200110)
 - ⑯ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50-1 1/2" (40604060)
 - ⑰ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/2" (40603080)
 - ⑱ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)

- NOTES:**
- 1] NOISE WALL FROM STA 2013+81.00 TO STA 2031+31.00 (SEE STRUCTURAL SHEETS FOR WALL DETAILS)
 - 2] WIDTH VARIES FROM 18.00' TO 6.00' FROM STA 2025+36.34 TO STA 2027+56.34
 WIDTH 6.00' FROM STA 2027+56.34 TO STA 2031+28.36
 - 3] WIDTH VARIES FROM 0' TO 12.00' FROM STA 2025+36.34 TO STA 2027+56.34
 WIDTH 12.00' FROM STA 2027+56.34 TO STA 2031+26.34
 - 4] NORTHBOUND GUTTER FLAG ADJACENT TO LEFT TURN LANE WIDTH SHALL BE 12" FROM STA 2027+56.34 TO STA 2031+11.36
 - 5] FROM STA 2010+68.00 TO 2012+75.00, FROM STA 2015+82.79 TO 2031+31.00
 - 6] FROM STA 2026+47.33 TO 2031+11.36 (SEE ROADWAY DETAILS)
 - 7] THE 10' SHELF FROM STA 2028+50.00 TO 2031+00.00 SHALL SLOPE TOWARDS THE PROPOSED DITCH (SEE CROSS SECTIONS)



PROPOSED TYPICAL SECTION
 SOUTHBOUND STA 2025+36.34 TO STA 2031+28.36, BELL ROAD
 NORTHBOUND

- NOTES:**
1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
 2. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
 3. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART FOR MIXTURE DESIGN - SEE TYPICAL SHEET 9 OF 9
 4. SEE STRUCTURE SHEETS FOR WALL DETAILS
 5. SEE TYPICAL SECTION DETAILS FOR CONCRETE MEDIAN TYPE
 6. GUTTER FLAG DEPTH TO MATCH PAVEMENT THICKNESS (13 1/2")
 7. RETAINING WALL AND NOISE ABATEMENT WALL WORK WILL BE PAID FOR AS NOISE ABATEMENT WALL GROUND MOUNTED.
 8. TOPSOIL PLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. AS TOPSOIL EXCAVATION AND PLACEMENT.

WOODLAND DRIVE INTERSECTION
 STA 2031+28.36 TO STA 2032+09.56

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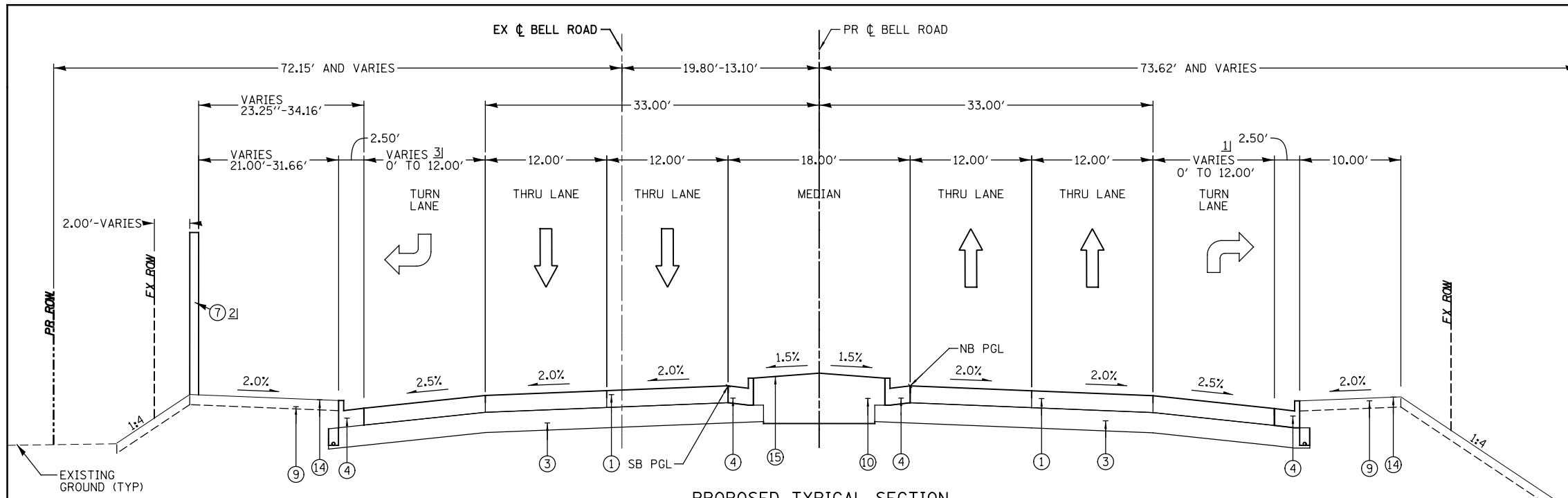


WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-8100 FAX: (312) 782-1884	USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	PLOT SCALE =	DRAWN - MMA	REVISED -
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		DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 6 OF 9 SHEETS	0356	99-00147-07-FP	WILL	229	23
STA. N/A	TO STA. N/A	CONTRACT NO. 61A96				

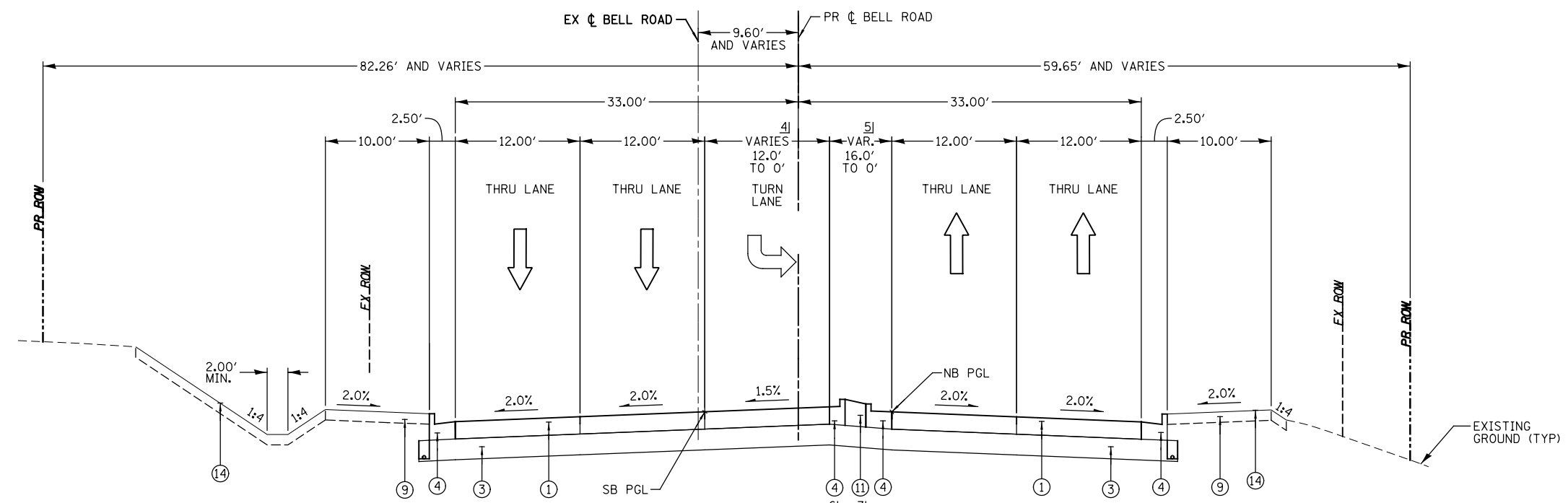
ILLINOIS FED. AID PROJECT	
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- PROPOSED LEGEND (BELL ROAD)**
- ① HOT MIX ASPHALT PAVEMENT (FULL DEPTH) - 13 1/2" (40701951)
 - HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 - 2"
 - HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11.5"
 - ② HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2" (40604062)
 - ③ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
 - ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
 - ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200)
 - ⑥ RETAINING WALL, (X0301423)
 - ⑦ NOISE ABATEMENT WALL, GROUND MOUNTED (X0301423)
 - ⑧ NOISE ABATEMENT WALL, (X0301423)
 - ⑨ TOPSOIL PLACEMENT 6"
 - ⑩ TOPSOIL PLACEMENT 24"
 - ⑪ a) CONCRETE MEDIAN, TYPE SB-6 (SPECIAL) (X6061100)
 - b) CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
 - ⑫ AGGREGATE BASE COURSE, TYPE B, 3" (35101598)
 - ⑬ STONE RIPRAP, CLASS A1 (28100101) WITH FILTER FABRIC (28200200)
 - ⑭ SEEDING, CLASS 2A SALT TOLERANT ROADSIDE MIX (25000210)
 - ⑮ SODDING, SALT TOLERANT (25200110)
 - ⑯ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50-1 1/2" (40604060)
 - ⑰ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/2" (40603080)
 - ⑱ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)

PROPOSED TYPICAL SECTION
 SOUTHBOUND STA 2032+09.56 TO STA 2037+08.75, BELL ROAD
 NORTHBOUND
COMMERCIAL ENTRANCE INTERSECTION
 STA 2037+08.75 TO STA 2037+95.83

- NOTES:**
- 1] VARIES FROM 0' TO 12.00' FROM STA 2033+08.62 TO STA 2035+08.62
 WIDTH 12.00' FROM STA 2035+08.62 TO STA 2037+03.60
 - 2] NOISE WALL FROM STA 2032+18.00 TO STA 2035+90.00
 (SEE STRUCTURAL SHEETS FOR WALL DETAILS)
 - 3] WIDTH 12' FROM STA 2032+19.93 TO STA 2034+04.93
 VARIES FROM 12.00' TO 0' FROM STA 2034+04.93 TO STA 2036+04.93
 - 4] WIDTH 12.00' FROM STA 2037+97.86 TO STA 2039+82.86
 WIDTH VARIES FROM 12.00' TO 0' FROM STA 2039+82.86 TO STA 2041+82.86
 WIDTH 0' FROM STA 2041+82.86 TO 2044+35.00
 - 5] WIDTH 6.00' FROM STA 2037+95.83 TO STA 2039+82.86
 WIDTH VARIES FROM 6.00' TO 16.00' FROM STA 2039+82.86 TO STA 2041+82.86
 WIDTH 16.00' FROM STA 2041+82.86 TO 2044+35.00
 - 6] SOUTHBOUND GUTTER FLAG ADJACENT TO LEFT TURN
 LANE WIDTH SHALL BE 12" FROM STA 2037+12.82 TO STA 2039+82.86
 - 7] FROM STA 2038+12.82 TO 2041+02.20



PROPOSED TYPICAL SECTION
 SOUTHBOUND STA 2037+95.83 TO STA 2044+35.00, BELL ROAD
 NORTHBOUND

- NOTES:**
- 1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
 - 2. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
 - 3. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART FOR MIXTURE DESIGN - SEE TYPICAL SHEET 9 OF 9
 - 4. SEE STRUCTURE SHEETS FOR WALL DETAILS
 - 5. SEE TYPICAL SECTION DETAILS FOR CONCRETE MEDIAN TYPE
 - 6. GUTTER FLAG DEPTH TO MATCH PAVEMENT THICKNESS (13 1/2")
 - 7. RETAINING WALL AND NOISE ABATEMENT WALL WORK WILL BE PAID FOR AS NOISE ABATEMENT WALL GROUND MOUNTED.
 - 8. TOPSOIL PLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. AS TOPSOIL EXCAVATION AND PLACEMENT.

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USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
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PLOT DATE = 12-FEB-2021 11:40	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE: NONE	SHEET NO. 7 OF 9 SHEETS
STA. N/A	TO STA. N/A

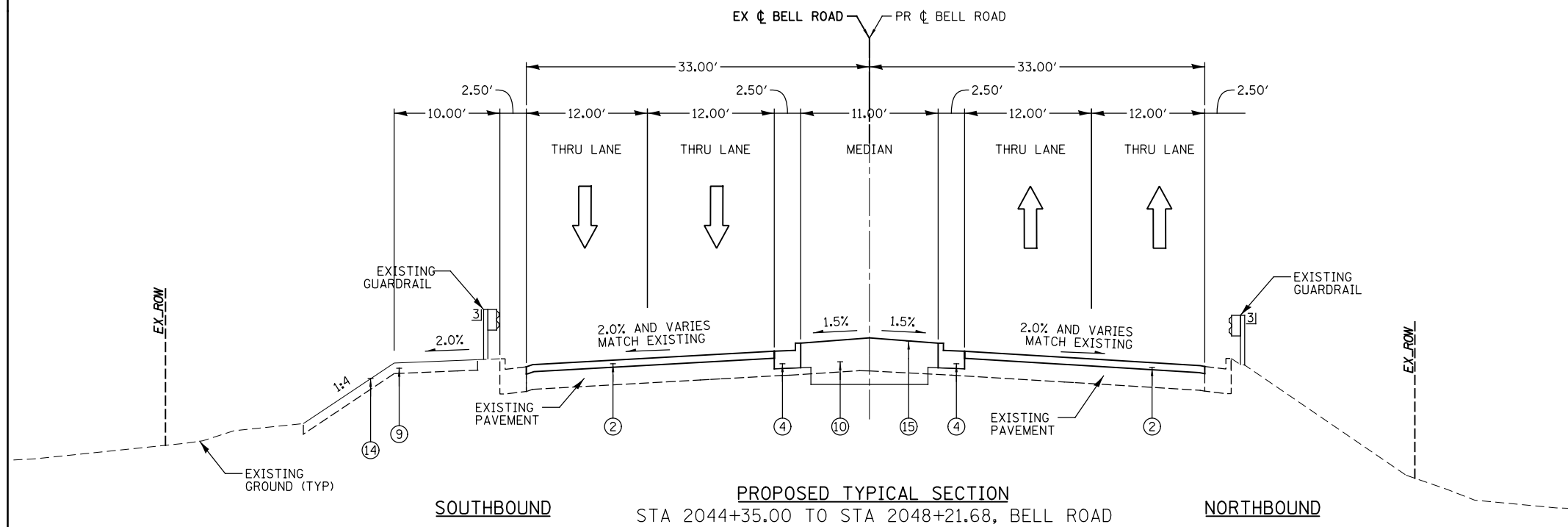
F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 24
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND (BELL ROAD)

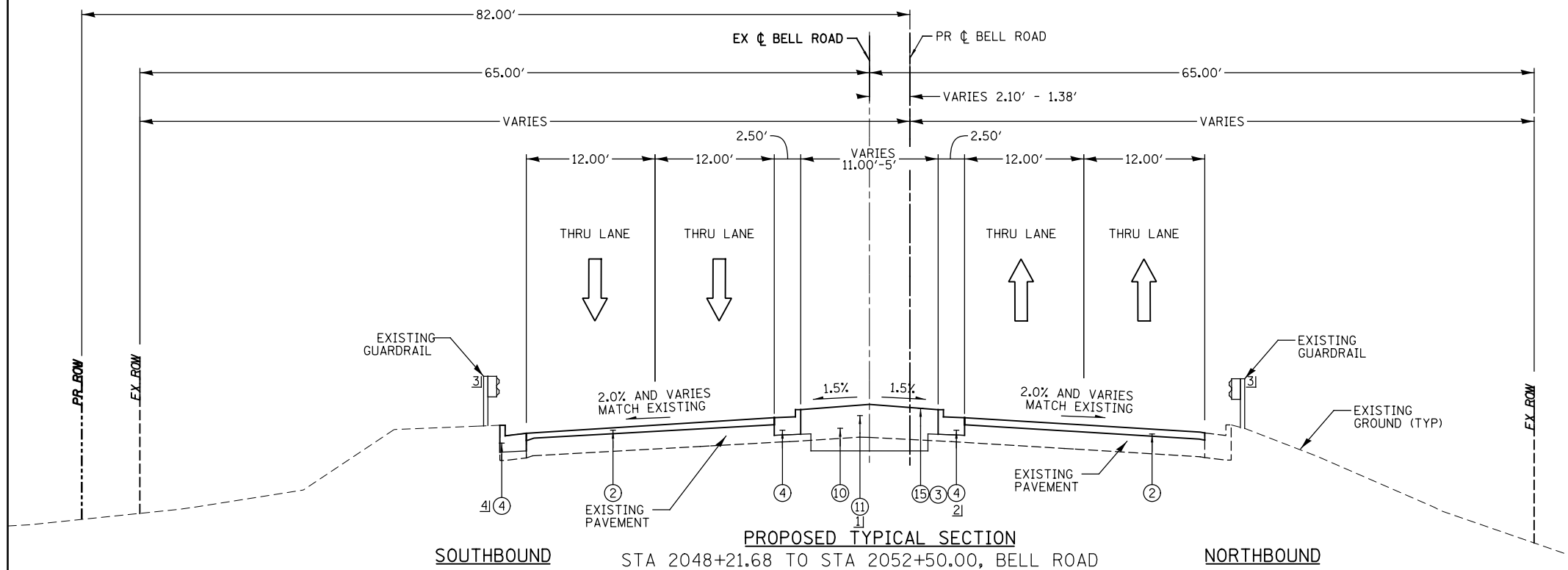
- ① HOT MIX ASPHALT PAVEMENT (FULL DEPTH) - 13 1/2" (40701951)
- HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 - 2"
- HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11.5"
- ② HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2" (40604062)
- ③ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200)
- ⑥ RETAINING WALL, (X0301423)
- ⑦ NOISE ABATEMENT WALL, GROUND MOUNTED (X0301423)
- ⑧ NOISE ABATEMENT WALL, (X0301423)
- ⑨ TOPSOIL PLACEMENT 6"
- ⑩ TOPSOIL PLACEMENT 24"
- ⑪ a) CONCRETE MEDIAN, TYPE SB-6 (SPECIAL) (X6061100)
b) CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
- ⑫ AGGREGATE BASE COURSE, TYPE B, 3" (35101598)
- ⑬ STONE RIPRAP, CLASS A1 (28100101) WITH FILTER FABRIC (28200200)
- ⑭ SEEDING, CLASS 2A SALT TOLERANT ROADSIDE MIX (25000210)
- ⑮ SODDING, SALT TOLERANT (25200110)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50-1 1/2" (40604060)
- ⑰ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/2" (40603080)
- ⑱ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)

NOTES:

- 1] FROM STA 2049+00.00 TO 2052+31.68
- 2] NORTHBOUND GUTTER FLAG ADJACENT TO LEFT TURN LANE WIDTH SHALL BE 12" FROM STA 2050+41.68 TO 2052+31.68
- 3] EXISTING GUARDRAIL STARTS AT 2047+50 LT AND 2046+32.00 RT, ENDS AT 2051+68.32 LT AND 2052+40.93 RT
- 4] REPLACE FROM STA 2048+75 TO STA 2049+05



PROPOSED TYPICAL SECTION
STA 2044+35.00 TO STA 2048+21.68, BELL ROAD



PROPOSED TYPICAL SECTION
STA 2048+21.68 TO STA 2052+50.00, BELL ROAD

NOTES:

- 1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
- 2. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
- 3. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART FOR MIXTURE DESIGN - SEE TYPICAL SHEET 9 OF 9
- 4. SEE STRUCTURE SHEETS FOR WALL DETAILS
- 5. SEE TYPICAL SECTION DETAILS FOR CONCRETE MEDIAN TYPE
- 6. GUTTER FLAG DEPTH TO MATCH PAVEMENT THICKNESS (13 1/2")
- 7. RETAINING WALL AND NOISE ABATEMENT WALL WORK WILL BE PAID FOR AS NOISE ABATEMENT WALL GROUND MOUNTED.
- 8. TOPSOIL PLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. AS TOPSOIL EXCAVATION AND PLACEMENT.

FILE NAME = T:\16192A Bell Road\Civil\Plans\Typical sheets\01-shr - Typical1.dgn



WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-8100 FAX: (312) 782-1884	USER NAME = USHA669697	DESIGNED - NSL	REVISED -
		DRAWN - MMA	REVISED -
	PLOT SCALE =	CHECKED - DVS	REVISED -
	PLOT DATE = 12-FEB-2021 11:40	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: NONE	SHEET NO. 8 OF 9 SHEETS
STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	25
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND (BELL ROAD)

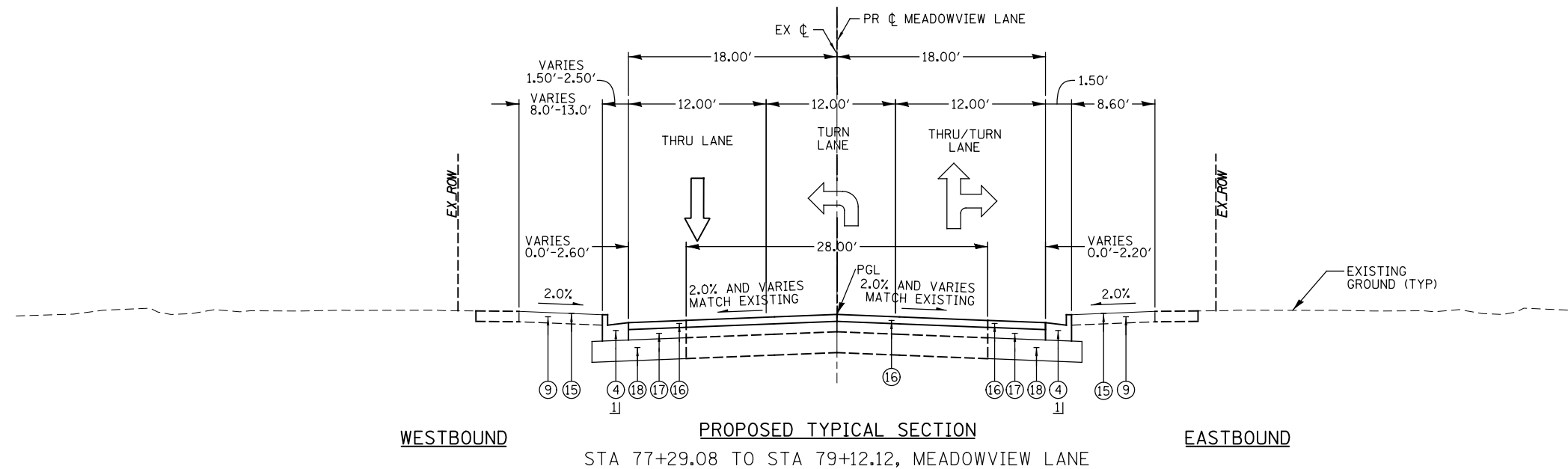
- ① HOT MIX ASPHALT PAVEMENT (FULL DEPTH) - 13 1/2" (40701951)
 - HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 - 2"
 - HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11.5"
- ② HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2" (40604062)
- ③ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
- ④ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200)
- ⑥ RETAINING WALL, (X0301423)
- ⑦ NOISE ABATEMENT WALL, GROUND MOUNTED (X0301423)
- ⑧ NOISE ABATEMENT WALL, (X0301423)
- ⑨ TOPSOIL PLACEMENT 6"
- ⑩ TOPSOIL PLACEMENT 24"
- ⑪ a) CONCRETE MEDIAN, TYPE SB-6 (SPECIAL) (X6061100)
- b) CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
- ⑫ AGGREGATE BASE COURSE, TYPE B, 3" (35101598)
- ⑬ STONE RIPRAP, CLASS A1 (28100101) WITH FILTER FABRIC (28200200)
- ⑭ SEEDING, CLASS 2A SALT TOLERANT ROADSIDE MIX (25000210)
- ⑮ SODDING, SALT TOLERANT (25200110)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50-1 1/2" (40604060)
- ⑰ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/2" (40603080)
- ⑱ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)

NOTES:

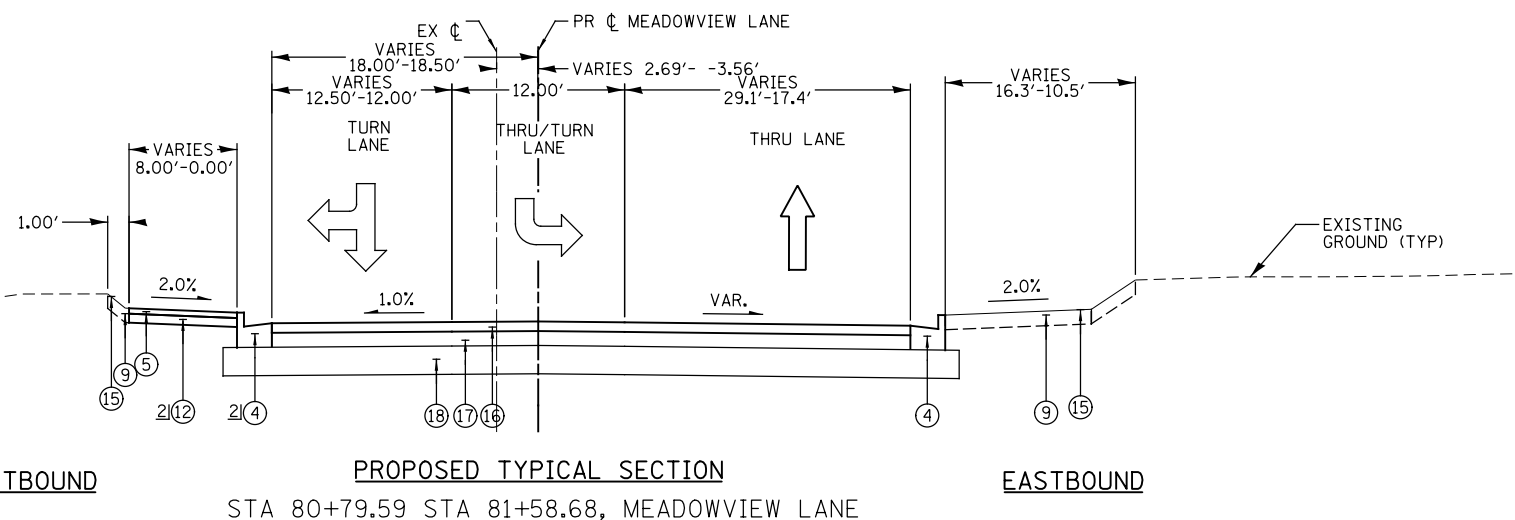
- 1) COMBINATION CURB & GUTTER, TYPE M-6.12 (60609200) FROM STA 77+29.05 TO STA 79+01.03 LT. AND FROM STA 78+21.02 TO STA 79+23.26 RT.
- 2) MATCH INTO EXISTING CURB AND SIDEWALK FROM STA 80+83.52 TO STA 81+58.68.

NOTES:

- 1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
- 2. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
- 3. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART FOR MIXTURE DESIGN - SEE TYPICAL SHEET 9 OF 9
- 4. SEE STRUCTURE SHEETS FOR WALL DETAILS
- 5. SEE TYPICAL SECTION DETAILS FOR CONCRETE MEDIAN TYPE
- 6. GUTTER FLAG DEPTH TO MATCH PAVEMENT THICKNESS (13 1/2")
- 7. RETAINING WALL AND NOISE ABATEMENT WALL WORK WILL BE PAID FOR AS NOISE ABATEMENT WALL GROUND MOUNTED.
- 8. TOPSOIL PLACEMENT SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. AS TOPSOIL EXCAVATION AND PLACEMENT.



PROPOSED TYPICAL SECTION
 WESTBOUND EASTBOUND
 STA 77+29.08 TO STA 79+12.12, MEADOWVIEW LANE



PROPOSED TYPICAL SECTION
 WESTBOUND EASTBOUND
 STA 80+79.59 STA 81+58.68, MEADOWVIEW LANE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ NODES	QMP
PAVEMENT RESURFACING- BELL ROAD		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm) 1 1/2"	4% @ 70 GYR.	LR1030-2
HMA PAVEMENT (FD) 13.5"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm) 2"	4% @ 70 GYR.	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, 11.5" (HMA BINDER IL-19.0)	4% @ 70 GYR.	LR1030-2
PAVEMENT WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm) 1 1/2"	4% @ 50 GYR.	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, (IL-19 mm), N50, 2 1/2"	4% @ 50 GYR.	LR1030-2
PAVEMENT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm) 13"	4% @ 70 GYR.	LR1030-2
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm) 2 1/2"	4% @ 50 GYR.	LR1030-2
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT BINDER COURSE, IL-19 mm, N50, 9"	4% @ 50 GYR.	LR1030-2
COMMERCIAL DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm) 2"	4% @ 50 GYR.	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, (IL-19 mm), N50, 4"	4% @ 50 GYR.	LR1030-2
PAVEMENT RESURFACING MEADOWVIEW LANE		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm) 1 1/2"	4% @ 50 GYR.	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

STRUCTURAL DESIGN TRAFFIC: Year 2040
PV = 16,019 SU = 349 MU = 750
ROAD/STREET CLASSIFICATION: Class 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: P = 96 S = 2.1 M = 1.4
TRAFFIC FACTOR: Actual TF = 1.44 Minimum TF = 3.56
PG GRADE: Binder = PG 64-22 Surface = PG 64-22
SUBGRADE SUPPORT RATING: SSR = Poor (STA 2007+90 to 2052+50) SSR = (STA to)

- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

FILE NAME = T:\161912A Bell Road\Civil\Plans\Typical sheets\01-sh1 - Typical1.dgn



WSP USA Inc.
 30 N. LASALLE STREET
 SUITE 4000
 CHICAGO, IL 60602
 TEL: (312) 782-8100
 FAX: (312) 782-1884

USER NAME = USHA669697
 DESIGNED - NSL
 DRAWN - MMA
 CHECKED - DVS
 DATE - 10/04/2021

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NONE SHEET NO. 9 OF 9 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	26
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

SEEDING, CLASS 1B			
START	END	SIDE	AREA (ACRE)
2010+61	2011+00	LT	0.005
2011+00	2012+72	LT	0.019
2013+56	2014+86	LT	0.011
2015+83	2017+00	LT	0.014
2017+00	2018+72	LT	0.020
2019+44	2020+13	LT	0.008
2029+28	2029+38	LT	0.002
TOTAL			0.08
ROUNDED TOTAL			0.25

TREE REMOVAL (6 TO 15 UNITS DIAMETER) (20100110)		
STATION	SIDE (RT +/-LT-)	DIAMETER (UNITS)
2008+22.33	LT	10
2009+27.67	LT	10
2009+67.53	LT	10
2010+07.34	LT	12
2010+47.64	LT	12
2013+78.89	LT	8
2014+36.51	LT	6
2014+43.61	LT	6
2014+83.61	LT	6
2017+16.00	LT	30
2018+20.84	LT	10
2018+20.85	LT	9
2018+20.86	LT	9
2018+20.87	LT	7
2018+30.43	LT	24
2018+43.71	LT	12
2018+56.53	LT	12
2018+90.24	LT	12
2019+02.19	LT	12
2019+55.22	LT	6
2032+56.54	LT	7
2037+74.71	RT	6
2039+41.86	LT	6
2039+71.82	LT	10
2040+31.37	LT	6
2040+41.43	LT	15
2009+13.14	RT	12
2009+48.64	RT	12
2009+85.48	RT	12
2010+23.48	RT	12
2012+91.95	RT	7
2012+78.83	RT	27
2015+28.77	RT	15
2038+20.95	RT	6
78+53.77	LT	15
TOTAL		391

SEEDING, CLASS 4 (MODIFIED) & SEEDING, CLASS 5 (MODIFIED)			
START	END	SIDE	AREA (ACRE)
2017+90	2017+90	RT	0.49
TOTAL			0.50

TEMPORARY FENCE (20101000)			
START	END	SIDE (RT+/-LT-)	LENGTH (FOOT)
2010+68.19	2011+00.00	LT	35
2011+00.00	2012+58.96	LT	165
2014+32.07	2017+00.00	LT	271
2017+00.00	2017+23.82	LT	24
2018+06.27	2018+73.34	LT	67
2019+44.04	2020+14.56	LT	70
2034+80.00	2035+80.00	RT	100
2034+81.00	2035+66.94	RT	87
2048+27.00	2050+69.00	LT	261
2049+36.00	2052+32.00	RT	296
TOTAL			1,376

TREE ROOT PRUNING (20101200)		
STATION	SIDE (RT+/-LT-)	VOLUME (EACH)
77+96.64	LT	1
78+51.14	LT	1
78+63.25	RT	1
78+86.96	RT	1
79+13.20	RT	1
TOTAL		5

TREE REMOVAL (OVER 15 UNITS DIAMETER) (20100210)		
STATION	SIDE (RT +/-LT-)	DIAMETER (UNITS)
2013+45.71	LT	21
2013+82.59	LT	36
2016+03.15	LT	18
2016+03.15	LT	18
2016+14.60	LT	18
2016+28.15	LT	24
2017+25.19	LT	24
2019+17.36	LT	24
2019+61.41	LT	36
2019+93.01	LT	36
2040+06.12	LT	28
TOTAL		265

SEEDING, CLASS 4A (MODIFIED) & SEEDING, CLASS 5A (MODIFIED)			
START	END	SIDE	AREA (ACRE)
2017+87	2022+10	RT	0.31
2036+00	2037+02	RT	0.06
2041+71	2045+00	RT	0.13
TOTAL			0.50

SEEDING, CLASS 2A			
START	END	SIDE	AREA (ACRE)
2014+00	2017+00	LT	0.014
2014+00	2017+00	LT	0.069
2017+00	2023+00	LT	0.267
2017+00	2023+00	LT	0.026
2017+85	2023+00	RT	0.261
2023+00	2029+00	LT	0.099
2023+00	2029+00	LT	0.232
2023+00	2029+00	RT	0.579
2029+00	2031+00	LT	0.018
2029+00	2031+00	LT	0.103
2029+00	2031+63	RT	0.235
2031+87	2035+00	RT	0.146
2032+14	2035+00	LT	0.169
2035+00	2039+78	LT	0.403
2039+93	2041+00	LT	0.083
2035+00	2037+02	RT	0.079
2041+00	2043+76	LT	0.204
2044+00	2047+00	LT	0.216
2041+71	2047+00	RT	0.301
2047+00	2048+27	LT	0.107
2020+13	2023+00	MEDIAN	0.078
2023+00	2026+47	MEDIAN	0.096
2032+29	2035+00	MEDIAN	0.081
2035+00	2036+90	MEDIAN	0.056
2041+02	2047+00	MEDIAN	0.148
2047+00	2049+81	MEDIAN	0.057
TOTAL			4.13
ROUNDED TOTAL			4.25

SODDING, SALT TOLERANT			
START	END	SIDE	AREA (SQ YD)
2007+90	2008+56	LT	137
2007+90	2007+49	RT	163
2008+91	2010+93	RT	317
2008+98	2011+00	LT	380
2011+00	2012+92	LT	480
2011+19	2012+86	RT	402
2012+96	2013+05	LT	27
2013+35	2015+94	RT	1102
2013+45	2013+53	LT	23
2013+57	2014+00	LT	64
2013+73	2014+00	LT	19
2016+25	2017+00	RT	408
2017+00	2017+75	RT	468
2031+00	2031+44	LT	100
2031+48	2031+59	LT	15
2031+00	2031+59	LT	55
2031+93	2032+14	LT	14
2031+99	2032+14	LT	22
2037+04	2037+34	RT	117
2037+61	2041+00	RT	793
2041+00	2041+72	RT	184
77+38	77+60	LT	35
77+75	78+84	LT	101
78+12	79+00	RT	104
81+00	81+41	LT	224
81+00	81+80	RT	212
TOTAL			5,966

FILE NAME = T:\16912A_Bell Road\Civil\Plans\Cover-notes-500\DI -Schedule.Roadway-aht-1-6.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697
PLOT SCALE =
PLOT DATE = 01-OCT-2021 15:14

DESIGNED - NSL
DRAWN - MMA
CHECKED - DVS
DATE - 10/04/2021

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	27
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

SUBBASE GRANULAR MATERIAL, TYPE B 4" (31101200)			
START	END	SIDE (RT+/LT-)	AREA (SQ YD)
77+55.53	77+73.75	LT	19
78+82.79	79+00.94	LT	16
TOTAL			35

AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)		
START	END	AREA (SQ YD)
2007+90.00	2012+55.04	3,772
2012+55.04	2013+90.87	1,767
2013+90.87	2019+57.57	4,601
2019+57.57	2027+02.77	5,301
2027+02.77	2031+31.41	3,477
2031+31.41	2032+29.55	1,029
2032+29.55	2036+88.75	3,911
2036+88.75	2040+41.82	2,963
2040+41.82	2044+35.01	3,108
2044+35.01	2052+50.00	768
2008+34.59	2009+19.59	122
2008+28.67	2009+11.50	142
2010+70.31	2011+42.26	91
2015+74.71	2016+50.34	141
TOTAL		31,194

AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)			
START	END	SIDE (RT+/LT-)	AREA (SQ YD)
78+22.37	079+12.12	LT	73
77+29.06	079+12.12	RT	116
80+79.59	81+58.68	-	374
2031+45.00	2032+05.00	RT	131
TOTAL			694

AGGREGATE BASE COURSE, TYPE B 12" (35102400)			
START	END	SIDE (RT+/LT-)	AREA (SQ. YD)
2031+45.43	2032+05.45	RT	131
2039+57.00	2040+00.30	LT	51
2043+46.02	2044+30.02	LT	138
TOTAL			319

AGGREGATE BASE COURSE, TYPE B 3" (35101598)			
START	END	SIDE (RT+/LT-)	AREA (SQ YD)
79+29.00	79+54.08	RT	21
79+29.00	79+54.84	LT	33
80+36.25	80+82.87	LT	53
2013+72.58	2032+07.87	LT	1,003
TOTAL			1,110

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (40603080)			
START	END	SIDE (RT+/LT-)	VOLUME (TON)
2008+47.59	2009+06.59	LT	25
2008+41.47	2008+90.42	RT	28
2010+82.02	2011+28.70	RT	17
78+22.37	079+12.12	LT	10
77+29.06	079+12.12	RT	16
080+79.59	81+58.68	-	53
2015+86.93	2016+37.54	RT	26
TOTAL			176

BITUMINOUS MATERIALS TACK COAT (40700100)			
START	END	SIDE (RT+/LT-)	UNIT (LBS)
2007+90.00	2012+55.04	LT/RT	2,302
2012+55.04	2013+75.50	LT/RT	1,041
2008+44.39	2009+09.79	LT	25
2008+38.46	2008+92.24	RT	28
2010+79.19	2011+00.00	RT	6
2013+75.50	2019+08.00	LT	1,438
2013+75.50	2019+08.00	RT	959
2011+00.00	2011+31.54	RT	12
077+29.08	079+12.12	LT	44
080+32.83	081+58.68	LT/RT	78
2015+84.88	2016+39.62	RT	26
2019+08.00	2021+28.00	LT	491
2019+08.00	2025+36.34	RT	1,133
2021+28.00	2031+28.36	LT	1,801
2025+36.34	2027+56.34	RT	494
2027+56.34	2031+28.36	RT	1,004
2031+28.36	2032+44.11	LT/RT	703
2032+44.11	2034+04.94	LT	434
2032+44.11	2033+08.63	RT	116
2034+04.94	2036+04.94	LT	451
2033+08.63	2035+08.62	RT	451
2036+04.94	2036+72.51	LT	122
2035+08.62	2036+72.51	RT	443
2036+72.51	2038+21.20	LT/RT	769
2038+21.20	2039+83.04	LT	437
2038+21.20	2044+35.01	RT	1,105
2039+83.04	2041+81.43	LT	448
2041+81.43	2044+35.01	LT	456
2037+03.60	2037+82.38	RT	40
2039+74.48	2039+99.69	LT	11
2043+58.00	2044+18.02	LT	6
TOTAL			16,874

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13.5" (40701951)			
START	END	SIDE (RT+/LT-)	AREA (SQ YD)
2007+90.00	2012+65.71	LT	1,744
2007+90.00	2012+55.04	RT	1,705
2012+55.04	2013+90.88	LT/RT	1,575
2013+90.88	2014+31.82	LT	169
2013+80.74	2013+88.64	RT	21
2013+88.64	2025+36.34	RT	3,059
2025+36.34	2027+56.34	RT	733
2027+56.34	2031+15.19	RT	1,435
2014+31.82	2019+08.00	LT	1,905
2019+08.00	2021+28.00	LT	728
2021+28.00	2031+15.20	LT	2,633
2031+15.20	2032+44.41	LT/RT	1,130
2032+44.41	2033+08.63	RT	172
2033+08.63	2035+08.62	RT	669
2035+08.62	2037+03.70	RT	782
2032+44.41	2034+04.94	LT	642
2034+04.94	2036+04.94	LT	668
2036+04.94	2036+72.51	LT	180
2036+72.51	2037+06.15	LT	100
2037+03.60	2038+21.20	LT/RT	1,044
2038+21.20	2044+35.00	RT	1,629
2038+09.00	2039+82.86	LT	696
2039+82.86	2041+82.88	LT	667
2041+82.88	2044+35.00	LT	678
TOTAL			24,764

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH (42300200)			
START	END	SIDE (RT+/LT-)	AREA (SQ YD)
77+55.18	77+74.11	LT	19
78+83.08	79+00.77	LT	16
TOTAL			35

PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)			
START	END	SIDE (RT+/LT-)	AREA (SQ FT)
79+29.00	79+54.08	RT	191
79+29.00	79+54.84	LT	297
80+36.25	80+82.87	LT	480
2013+72.58	2031+58.29	LT	8,971
2039+95.56	2032+07.87	LT	54
TOTAL			9,994

DETECTABLE WARNINGS (42400800)			
START	END	SIDE (RT+/LT-)	AREA (SQ FT)
79+29.00	79+38.83	RT	19
79+29.00	79+38.02	LT	19
79+51.98	79+57.19	LT	19
80+36.25	80+39.72	LT	19
9+37.65	9+42.64	RT	10
9+37.65	9+42.65	LT	12
TOTAL			98

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (40604062)			
START	END	SIDE (RT+/LT-)	VOLUME (TON)
2044+35.00	2052+50.00	LT	182
2044+35.00	2048+21.68	RT	92
2048+21.68	2050+41.68	RT	51
2050+41.68	2052+50.00	RT	72
TOTAL			396

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (40604060)			
START	END	SIDE (RT+/LT-)	VOLUME (TON)
2008+44.39	2009+09.79	LT	12
2008+39.56	2009+10.50	RT	14
2010+79.79	2011+31.54	RT	9
080+80.00	081+58.68	LT/RT	29
77+26.96	79+12.12	LT/RT	74
2015+84.89	2016+39.62	RT	13
2031+45.43	2032+05.45	RT	18
2039+74.49	2040+01.92	LT	7
2043+60.22	2044+15.81	LT	16
TOTAL			193

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982)			
START	WIDTH	LENGTH	AREA (SQ YD)
77+29.05	VARIABLES	90.6	474
2052+50.00	64.0	75.0	533
TOTAL			1,007

FILE NAME = T:\16912A_Bell Road\Civil\Plans\Cover-notes-500\DI -Schedule.Roadway-aht-1-6.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
PLOT SCALE =	DRAWN - MMA	REVISED -
PLOT DATE = 01-OCT-2021 15:14	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	28
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

PAVEMENT REMOVAL (44000100)				
START	END	SIDE	AREA (SQ YD)	REMARKS
2007+90.00	2011+00.00	LT/RT	1,733	
2010+17.00	2013+00.00	LT	278	TEMP PVMT
2013+43.00	2013+76	RT	27	TEMP PVMT
2013+77.00	2020+90.00	LT	580	TEMP PVMT
2011+00.00	2017+00.00	LT/RT	3,535	
2017+00.00	2023+00.00	LT/RT	2,038	
2023+00.00	2029+00.00	LT/RT	1,799	
2029+00.00	2035+00.00	LT/RT	2,201	
2035+00.00	2041+00.00	LT/RT	3,272	
2041+00.00	2044+35.00	LT/RT	2,205	
2044+35.00	2047+00.00	LT/RT	471	
2047+00.00	2052+50.00	LT/RT	573	
TOTAL			18,711	

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" (44000155)			
START	END	SIDE	AREA (SQ YD)
78+19.66	79+12.12	LT/RT	298
2044+35.00	2052+50.00	LT	2,265
2044+35.00	2052+50.00	RT	2,460
TOTAL			5,023

DRIVEWAY PAVEMENT REMOVAL (44000200)			
START	END	SIDE	AREA (SQ YD)
2008+47.18	2009+08.93	LT	129
2008+45.05	2009+10.43	RT	144
2010+55.89	2011+00.00	RT	47
2011+00.00	2011+47.87	RT	89
77+56.10	77+72.96	LT	10
78+83.08	79+00.00	LT	12
2015+80.00	2016+39.00	RT	160
2037+16.07	2037+68.23	RT	210
2039+74.62	2039+98.62	LT	39
2043+61.92	2044+13.55	LT	109
TOTAL			951

COMBINATION CURB AND GUTTER REMOVAL (44000500)			
START	END	SIDE (RT+/LT-)	LENGTH (FT)
2007+90.00	2009+95.63	LT	205
2008+37.68	2008+59.59	LT	36
2008+93.91	2009+14.86	LT	34
2012+69.29	2013+09.64	LT	89
2012+76.17	2013+77.64	LT	99
2031+19.44	2031+59.94	LT	57
2031+90.53	2032+31.34	LT	57
2044+13.54	2044+35	LT	22
2048+75	2049+05.00	LT	30
2007+90.00	2008+52.92	RT	77
2009+10.43	2010+94.32	RT	251
2011+16.20	2012+48.66	RT	325
2013+37.22	2015+98.22	RT	315
2016+23.25	2016+88.50	RT	78
2037+14.50	2037+28.95	RT	70
2037+63.24	2037+95.04	RT	100
2044+14.11	2044+35.00	RT	22
77+29.05	79+12.12	LT	177
78+20.00	79+12.12	RT	111
TOTAL			2,155

SIDEWALK REMOVAL (44000600)			
START	END	SIDE (RT+/LT-)	AREA (SQ FT)
2012+90.67	2013+04.40	LT	222
2013+41.71	2013+58.92	LT	262
2013+47.19	2013+51.96	RT	280
2031+43.82	2031+47.82	LT	118
2032+04.24	2032+07.54	LT	117
TOTAL			999

PIPE CULVERT REMOVAL (50105220)				
START STATION	OFFSET	END STATION	OFFSET	LENGTH (FOOT)
2012+57.61	27.38 RT	2013+87.55	38.07 RT	130
2012+76.17	30.43 LT	2013+77.13	30.90 LT	101
2024+91.61	10.29 RT	2024+68.80	10.60 RT	23
2029+34.74	11.68 RT	2029+34.46	49.03 LT	61
2039+73.58	38.57 LT	2039+99.20	38.16 LT	26
2050+26.54	46.87 LT	2050+26.83	57.91 LT	11
TOTAL				352

STORM SEWER REMOVAL 12" (55100500)				
START STATION	OFFSET	END STATION	OFFSET	LENGTH (FOOT)
2014+55.32	57.13 RT	2014+68.42	35.55 RT	20
2014+67.63	22.23 RT	2014+67.42	35.55 RT	10
2049+91.76	33.15 LT	2049+93.95	43.56 LT	8
TOTAL				38

STORM SEWER REMOVAL 15" (55100700)				
START STATION	OFFSET	END STATION	OFFSET	LENGTH (FOOT)
2014+49.65	36.39 RT	2014+68.42	35.55 RT	17
2014+68.42	10.60 RT	2015+91.61	10.29 RT	23
2014+70.93	35.55 RT	2015+92.74	34.14 RT	122
2015+57.84	69.56 RT	2014+68.42	35.55 RT	93
2048+97.01	32.99 LT	2049+91.46	43.46 LT	92
2049+93.94	43.56 LT	2050+15.17	57.91 LT	25
TOTAL				372

STORM SEWER REMOVAL 18" (55100900)				
START STATION	OFFSET	END STATION	OFFSET	LENGTH (FOOT)
2015+93.88	34.29 RT	2016+80.55	32.15 RT	86
TOTAL				86

STORM SEWER REMOVAL 30" (55101400)				
START STATION	OFFSET	END STATION	OFFSET	LENGTH (FOOT)
2029+35.00	30.5 RT	2029+35.00	30.5 RT	61
TOTAL				61

CONTROLLED LOW-STRENGTH MATERIAL (PIPE REMOVALS)*				
START STATION	OFFSET	END STATION	OFFSET	CU YD
2018+16.29	42.05 LT	2018+18.52	24.36 RT	12
2021+80.08	42.91 LT	2021+80.99	11.77 RT	6
2034+79.73	14.96 RT	2034+81.40	50.91 LT	8
CONTROLLED LOW-STRENGTH MATERIAL				26

* SOQ INCLUDES CLSM FROM PIPE REMOVALS AND BACKFILL UNDER PAVEMENT;
SEE PROPOSED DRAINAGE SCHEDULE FOR CLSM BACKFILL UNDER PAVEMENT QUANTITY

CONTROLLED LOW-STRENGTH MATERIAL (BACKFILL UNDER PAVEMENT)				
START STATION	OFFSET	END STATION	OFFSET	CU YD
2008+39.00	42.00 RT	2008+96.14	42.00 LT	8
2008+45.40	42.00 LT	2009+08.84	42.00 LT	20
2010+80.19	42.00 RT	2011+30.54	42.00 RT	128
2012+70.47	42.00 RT	2013+41.00	42.00 RT	186
2012+81.64	41.93 LT	2013+80.21	41.53 LT	21
2015+85.23	42.42 RT	201+39.65	42.11 RT	72
2018+00.00	40.00 LT	2018+00.00	38.00 RT	27
2019+85.01	40.00 LT	2019+85.01	38.00 RT	24
2027+10.00	30.83 RT	2027+10.00	39.29 LT	19
2029+33.10	40.54 RT	2029+33.10	40.49 LT	11
2031+45.00	42.18 LT	2032+12.09	47.88 LT	9
2031+51.50	42.62 RT	2031+99.10	42.90 RT	8
2037+18.50	53.82 RT	2037+73.33	50.31 RT	14
2039+50.00	37.00 RT	2039+50.00	42.00 LT	14
2041+75.00	34.50 RT	2041+75.00	39.00 LT	10
2043.50.00	34.20 RT	2043+50.00	34.59 RT	8
78+29.63	14.58 RT	78+43.85	19.30 RT	1
TOTAL				580

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)			
START	END	SIDE (RT+/LT-)	LENGTH (FOOT)
2007+90.00	2012+55.04	RT	465
2008+28.67	RADIUS	RT	37
2008+97.99	RADIUS	RT	34
2010+69.39	RADIUS	RT	35
2011+41.34	RADIUS	RT	35
2012+55.04	RADIUS	RT	123
2007+90.00	2012+65.71	LT	476
2008+34.59	RADIUS	LT	35
2009+19.59	RADIUS	LT	35
2012+65.71	RADIUS	LT	63
2013+37.27	RADIUS	RT	76
2013+80.74	2037+03.61	RT	2,323
2015+73.95	RADIUS	RT	46
2016+50.60	RADIUS	RT	47
2020+12.82	2026+47.33	RT/LT	635
2020+12.82	2026+47.33	RT/LT	635
2032+28.55	2036+89.75	RT/LT	461
2032+28.55	2036+89.75	RT/LT	461
2037+03.61	RADIUS	RT	69
2037+60.49	RADIUS	RT	40
2037+82.79	2044+35.00	RT	652
2013+43.33	RADIUS	LT	87
2013+90.88	2031+31.41	LT	1,741
2031+31.41	RADIUS	LT	55
2031+91.37	RADIUS	LT	43
2032+19.94	2044+35.00	LT	1,215
2041+02.20	2049+00.00	RT/LT	798
2041+02.20	2049+00.00	RT/LT	798
2043+46.02	RADIUS	LT	47
2044+02.51	RADIUS	LT	47
TOTAL			11,519

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12 (60609200)			
START	END	SIDE (RT+/LT-)	LENGTH (FOOT)
077+29.05	079+01.00	LT	165
78+19.66	79+23.26	RT	117
2037+60.48	2037+72.70	RT	30
TOTAL			312

CONCRETE MEDIAN, TYPE SB-6.24 (60620000)			
START	END	SIDE (RT+/LT-)	QUANTITY (EACH)
2019+08.00	2019+24.50	RT/LT	33
2019+24.50	2020+12.82	0	397
2026+47.33	2027+39.82	0	416
2027+39.82	2027+56.34	0	33
2039+82.86	2039+99.39	0	33
2039+99.39	2041+02.34	0	463
2049+00.00	2050+25.16	0	626
2050+25.16	2050+41.68	0	33
TOTAL			2,034

SIGHT SCREEN (WOODEN FENCE), TYPE P 6' (64100115)			
START	END	SIDE (RT+/LT-)	LENGTH (FOOT)
2028+94.44	2029+66.71	LT	90
TOTAL			90

CHAIN LINK FENCE, 4' (66400105)			
START	END	SIDE (RT+/LT-)	LENGTH (FOOT)
2014+33.17	2015+03.47	LT	70
2016+62.07	2016+85.24	LT	33
2017+00.00	2017+23.70	LT	24
TOTAL			127

CHAIN LINK FENCE, 6' (66400305)			
START	END	SIDE (RT+/LT-)	LENGTH (FOOT)
2015+03.47	2015+82.79	LT	80
TOTAL			80

FILE NAME = T:\16912A_Bell Road\Civil\Plans\Cover-notes-500\01 -Schedule.Roadway-aht-1-6.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 25-APR-2022 17:44	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	29
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS			
START	SIDE	DESCRIPTION	AREA (SQ FT)
2004+17	LT	ARROW	15.8
2004+17	LT	ARROW	15.8
2004+17	LT	ARROW	15.8
2004+38	LT	ONLY	22.9
2004+38	LT	ONLY	22.9
2004+38	LT	ONLY	22.9
2007+58	LT	ARROW	15.8
2007+84	LT	ONLY	22.9
2011+00	RT	ONLY	22.9
2011+23	RT	ARROW	15.8
79+50	RT	ARROW	15.8
80+75	RT	ARROW	15.8
80+97	RT	ONLY	22.9
2013+91	LT	ARROW	15.8
2014+14	LT	ONLY	22.9
2016+27	LT	ARROW	15.8
2016+49	LT	ONLY	22.9
2018+60	LT	ONLY	15.8
2018+83	LT	ARROW	22.9
2027+99	RT	ONLY	22.9
2028+21	RT	ARROW	15.8
2030+91	RT	ONLY	22.9
2031+14	RT	ARROW	15.8
2033+66	LT	ARROW	15.8
2033+88	LT	ONLY	22.9
2035+25	RT	ONLY	22.9
2035+47	RT	ARROW	15.8
2039+36	LT	ARROW	15.8
2039+58	LT	ONLY	22.9
2050+80	RT	ONLY	22.9
2051+02	RT	ARROW	15.8
78+92	RT	ONLY	22.9
TOTAL			620

THERMOPLASTIC PAVEMENT MARKING - LINE 8"				
START	END	SIDE	DESCRIPTION	LENGTH (FT)
2004+51.	2005+00.	LT	SKIP DASH WHITE	12.25
2005+00.	2009+29.	LT	SKIP DASH WHITE	107.25
TOTAL				120

THERMOPLASTIC PAVEMENT MARKING - LINE 4"				
START	END	SIDE	DESCRIPTION	LENGTH (FT)
2003+00	2005+00	LT	SOLID WHITE	200
2003+00	2004+06	RT	SOLID YELLOW	106
2003+00	2004+06	RT	SOLID YELLOW	106
2004+06	2005+00	RT	DUAL YELLOW	188
2004+06	2005+00	RT	DUAL YELLOW	188
2003+00	2005+00	RT	SKIP DASH WHITE	50
2003+00	2005+00	RT	SOLID WHITE	200
2005+00	2011+00	LT	SOLID WHITE	600
2005+00	2011+00	RT	SOLID WHITE	600
2005+00	2011+00	RT	SKIP DASH WHITE	150
2009+29	2011+00	LT	SKIP DASH WHITE	42.75
2005+00	2011+00	RT	DUAL YELLOW	1200
2005+00	2011+00	LT	DUAL YELLOW	1200
2011+00	2012+66	LT	SOLID WHITE	166
2011+00	2012+70	RT	SOLID WHITE	170
2011+00	2012+66	LT	SKIP DASH WHITE	41.5
2011+00	2012+70	RT	SKIP DASH WHITE	42.5
2011+00	2012+70	LT	DUAL YELLOW	350
2011+00	2012+70	LT	DUAL YELLOW	340
79+00	79+26	LT	DUAL YELLOW	52
80+68	81+00	RT	DUAL YELLOW	64
2013+76	2017+00	LT	SOLID WHITE	324
2013+81	2017+00	RT	SOLID WHITE	319
2013+76	2017+00	LT	SKIP DASH WHITE	81
2013+81	2017+00	RT	SKIP DASH WHITE	79.75
2013+76	2017+00	RT	SOLID YELLOW	651
2017+00	2023+00	LT	SOLID WHITE	600
2017+00	2023+00	RT	SOLID WHITE	600
2017+00	2023+00	LT	SKIP DASH WHITE	150
2017+00	2023+00	RT	SKIP DASH WHITE	150
2017+00	2023+00	RT	SOLID YELLOW	1200
2023+00	2029+00	LT	SOLID WHITE	600
2023+00	2029+00	RT	SOLID WHITE	600
2023+00	2029+00	LT	SKIP DASH WHITE	150
2023+00	2029+00	RT	SKIP DASH WHITE	150
2023+00	2029+00	RT/LT	SOLID YELLOW	1200
2029+00	2031+31	LT	SOLID WHITE	231
2029+00	2031+33	RT	SOLID WHITE	233
2029+00	2031+28	LT	SKIP DASH WHITE	57
2029+00	2035+00	RT	SKIP DASH WHITE	150
2029+00	2031+28	LT	SOLID YELLOW	460
2032+10	2035+00	LT	SKIP DASH WHITE	72.5
2032+10	2035+00	RT/LT	SOLID YELLOW	587
2032+10	2035+00	LT	SOLID WHITE	290
2032+17	2035+00	RT	SOLID WHITE	283
2035+00	2041+00	LT	SOLID WHITE	600
2035+00	2037+04	RT	SOLID WHITE	204
2035+00	2041+00	LT	SKIP DASH WHITE	150
2035+00	2037+04	RT	SKIP DASH WHITE	51
2035+00	2037+09	RT/LT	SOLID YELLOW	424
2037+96	2041+00	RT	SOLID YELLOW	608
2037+99	2041+00	RT	SKIP DASH WHITE	75.25
2037+83	2041+00	RT	SOLID WHITE	317
2041+00	2047+00	LT	SOLID WHITE	600
2041+00	2047+00	RT	SOLID WHITE	600
2041+00	2047+00	LT	SKIP DASH WHITE	150
2041+00	2047+00	RT	SKIP DASH WHITE	150
2041+00	2047+00	RT/LT	SOLID YELLOW	1200
2047+00	2052+48	LT	SOLID WHITE	548
2047+00	2052+45	RT	SOLID WHITE	545
2047+00	2052+48	LT	SKIP DASH WHITE	137
2047+00	2052+45	RT	SKIP DASH WHITE	136.25
2047+00	2052+48	RT/LT	SOLID YELLOW	1098
77+29	79+00	LT	DUAL YELLOW	341.9
81+00	81+59	RT	DUAL YELLOW	117.36
TOTAL				23,328

THERMOPLASTIC PAVEMENT MARKING - LINE 12"				
START	END	SIDE	DESCRIPTION	LENGTH (FT)
2004+06	2005+00	RT/LT	MEDIAN DIAGONALS	15
2005+00	2011+00	RT/LT	MEDIAN DIAGONALS	343
2011+00	2012+70	LT	MEDIAN DIAGONALS	28
TOTAL				386

THERMOPLASTIC PAVEMENT MARKING - LINE 24"			
START	SIDE	DESCRIPTION	LENGTH (FT)
2012+74.	RT	STOP BAR	40
2013+76.	LT	STOP BAR	43
79+26.	RT	STOP BAR	25
80+68.	LT	STOP BAR	25
9+34.	RT	STOP BAR	14
2052+45	RT	STOP BAR	39
TOTAL			186

THERMOPLASTIC PAVEMENT MARKING - LINE 6"				
START	END	SIDE	DESCRIPTION	LENGTH (FT)
2003+00.	2004+51.	LT	SOLID WHITE	151.00
2004+51.	2005+00.	LT	SKIP DASH WHITE	12.25
2003+00.	2004+51.	LT	SOLID WHITE	151.00
2005+00.	2006+51.	LT	SKIP DASH WHITE	37.75
2008+65.	2010+84.	RT	SKIP DASH WHITE	54.75
2010+84.	2011+00.	RT	SOLID WHITE	16.00
2011+00.	2012+70.	RT	SOLID WHITE	170.00
79+00.	79+26.	RT	SOLID WHITE	26.00
80+68.	81+00.	LT	SOLID WHITE	32.00
79+30.		RT/LT	CROSS WALK	83.00
2013+71		RT/LT	CROSS WALK	156.00
2013+76.	2017+00.	LT	SOLID WHITE	324.00
2017+00.	2019+08.	LT	SOLID WHITE	208.00
2018+93.	2021+28.	LT	SKIP DASH WHITE	58.75
2025+36.	2027+53.	RT	SKIP DASH WHITE	54.25
2027+53.	2029+00.	RT	SOLID WHITE	147.00
2029+00.	2031+27.	RT	SOLID WHITE	227.00
9+38.	9+43.	RT/LT	CROSS WALK	66.00
2032+10.	2034+05.	LT	SOLID WHITE	195.00
2034+05.	2035+00.	LT	SKIP DASH WHITE	23.75
2033+08.	2035+00.	RT	SKIP DASH WHITE	48.00
2035+00.	2035+04.	RT	SKIP DASH WHITE	1.00
2035+00.	2036+05.	LT	SKIP DASH WHITE	26.25
2035+09.	2037+09.	RT	SOLID WHITE	200.00
2037+99.	2039+83.	LT	SOLID WHITE	184.00
2039+83.	2041+00.	LT	SKIP DASH WHITE	29.25
2041+00.	2041+83.	LT	SKIP DASH WHITE	20.75
2048+22.	2050+64.	RT	SKIP DASH WHITE	60.50
2050+64.	2052+45.	RT	SOLID WHITE	181.00
77+29.05	78+26.	0	SKIP DASH WHITE	24.24
78+26.	79+00.	RT	SOLID WHITE	74.00
81+00.	81+58.58	LT	SOLID WHITE	59.00
TOTAL				3,101

RAISED REFLECTIVE PAVEMENT MARKER			
START	END	SIDE	EACH
2003+00	2004+51	LT	2
2003+00	2004+51	LT	2
2003+00	2005+00	RT	3
2003+00	2005+00	RT	3
2003+00	2005+00	RT	3
2005+00	2011+00	RT	8
2009+29	2011+00	LT	2
2005+00	2011+00	RT	15
2005+00	2011+00	LT	15
2010+84	2011+00	RT	1
2011+00	2012+70	LT	2
2011+00	2012+70	RT	2
2011+00	2012+70	LT	8
2011+00	2012+70	LT	5
2011+00	2012+70	RT	5
2013+76	2017+00	LT	4
2013+81	2017+00	RT	4
2013+76	2017+00	RT	12
2013+76	2017+00	RT	8
2013+76	2017+00	LT	9
2017+00	2018+93	LT	4
2017+00	2023+00	LT	7
2017+00	2023+00	RT	8
2017+00	2023+00	RT/LT	15
2017+00	2023+00	RT	15
2023+00	2029+00	LT	8
2023+00	2029+00	RT	7
2023+00	2029+00	LT	15
2023+00	2029+00	RT/LT	15
2027+83	2029+00	RT	3
2029+00	2031+28	LT	3
2029+00	2035+00	RT	8
2029+00	2031+28	LT	6
2029+00	2031+28	LT	8
2029+00	2031+28	RT	6
2032+10	2035+00	LT	3
2032+10	2034+04	LT	5
2032+10	2035+00	LT	8
2032+10	2035+00	RT	11
2035+00	2041+00	LT	8
2035+00	2037+09	RT	2
2035+00	2037+09	LT	7
2035+00	2037+09	RT	7
2035+09	2037+09	RT	5
2037+96	2041+00	RT	10
2037+96	2041+00	RT	9
2037+96	2041+00	RT	4
2038+09	2039+74	LT	5
2041+00	2047+00	LT	7
2041+00	2047+00	RT	7
2041+00	2047+00	LT	15
2041+00	2047+00	RT	15
2047+00	2052+45	LT	7
2047+00	2052+45	RT	7
2047+00	2052+45	LT	16
2047+00	2052+45	RT/LT	14
2050+64	2052+45	RT	5
TOTAL			418

FILE NAME = T:\06912A_Bell Road\CV\1\Plans\Cover-notes-500\DI -Schedule.Roadway-aht-1-6.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 01-OCT-2021 15:15	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET NO. 4 OF 8 SHEETS		STA. TO STA.	
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SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	30
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

TEMPORARY ACCESS (PRIVATE ENTRANCE) (X4021000)			
START	END	SIDE (RT+/LT-)	VOLUME (EACH)
77+55.18	77+74.23	LT	1
78+82.44	79+01.43	LT	1
2015+84.89	2016+39.62	RT	1
2039+74.49	2039+99.70	LT	1
TOTAL			4

TEMPORARY ACCESS (COMMERCIAL ENTRANCE) (X4022000)			
START	END	SIDE (RT+/LT-)	VOLUME (EACH)
2008+44.39	2009+09.79	LT	1
2008+38.46	2009+10.45	RT	1
2010+79.19	2011+00.00	RT	1
2012+55.04	2013+80.74	RT	1
2037+03.60	2037+82.39	RT	1
TOTAL			5

CONCRETE MEDIAN (SPECIAL) (X6060714)			
START	END	SIDE (RT+/LT-)	AREA (SQ FT)
2013+75.28	2013+92.29	RT	93
2031+11.36	2031+28.36	LT	93
2032+09.64	2032+28.55	LT/RT	228
2036+89.74	2037+08.73	LT/RT	229
2037+95.84	2038+12.82	RT	93
2052+31.68	2052+48.68	LT	78
TOTAL			816

CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)			
START	END	SIDE (RT+/LT-)	AREA (SQ FT)
2013+92.29	2017+00.00	RT	1,845
2017+00.00	2019+08.00	RT	1,249
2027+56.34	2029+00.00	LT	862
2029+00.00	2031+11.36	LT	1,268
2038+12.82	2039+82.86	RT	1,021
2050+41.68	2052+31.68	LT	950
TOTAL			7,195

DRAINAGE STRUCTURE TO BE REMOVED (Z0018700)		
STATION	OFFSET	EACH
2014+67.63	22.23 RT	1
2015+93.89	34.29 RT	1
2014+68.42	35.55 RT	1
2049+93.95	43.56 LT	1
2049+03.43	39.87 LT	1
78+33.06	15.52 RT	1
TOTAL		6

REMOVE EXISTING FLARED END SECTION (X0322936)		
STATION	OFFSET	EACH
2012+57.61	27.38 RT	1
2013+87.55	38.07 RT	1
2012+76.17	30.43 LT	1
2013+77.13	30.90 LT	1
2014+49.65	36.39 RT	1
2015+57.84	65.56 RT	1
2016+80.55	32.15 RT	1
2018+18.52	24.36 RT	1
2018+16.29	42.05 LT	1
2021+80.99	11.77 RT	1
2021+80.08	42.91 LT	1
2024+68.80	10.60 RT	1
2024+91.61	10.29 RT	1
2029+34.74	11.68 RT	1
2029+34.54	49.03 LT	1
2034+79.73	14.96 RT	1
2034+81.40	50.91 LT	1
2039+73.58	38.57 LT	1
2039+99.20	38.16 LT	1
2050+15.17	57.91 LT	1
2050+26.82	57.91 LT	1
TOTAL		21

FENCE REMOVAL (Z0022800)			
START	END	SIDE	LENGTH (FT)
2010+68.19	2011+00.00	LT	35
2011+00.00	2012+58.96	LT	165
2014+32.07	2015+82.00	LT	210
2017+00.00	2017+23.82	LT	24
2028+94.44	2029+66.71	LT	80
TOTAL			514

SECTION CORNER MARKERS (Z0064505)		
START	SIDE (RT+/LT-)	EACH
2047+53.00	LT	1
TOTAL		1

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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 25-APR-2022 11:57	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	31
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF MOT QUANTITIES									REMARKS
PAY ITEM NUMBER		PRE-STAGE	STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 5	TOTAL	
20200100	EARTH EXCAVATION (CU YD)	135						135	
20400800	FURNISHED EXCAVATION (CU YD)	1,155						1,155	
70300100	SHORT TERM PAVEMENT MARKING (FOOT)					13,087		13,087	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL (SQFT)						4,362	4,362	
70300211	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS - PAINT (SQ FT)		437	582	437	291		1,747	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT (FOOT)		77,774	52,311	72,295	16,308		218,688	
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT (FOOT)		2,400	8,449	2,730	4,272		17,851	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT (FOOT)				4,650			4,650	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT (FOOT)		920	100	724	288		2,032	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT (FOOT)		240	192	288	288		1,008	
70400100	TEMPORARY CONCRETE BARRIER (FOOT)		2450					2,450	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)			1730				1,730	
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2 (EACH)		6					6	
70600340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2 (EACH)			2				2	
Z0030850	TEMPORARY INFORMATION SIGNING		230.5	62.5	31			324	
Z0062456	TEMPORARY PAVEMENT (SQ YD)	845		50	589			1,484	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING		7154	5261	6547.67	2235.46		21,198	THIS MOT REMOVAL IS IN ADDITION TO THE EXISTING PAVEMENT MARKING REMOVAL

EARTHWORK SUMMARY							
PAY ITEM	DESCRIPTION	UNIT	PRESTAGE	STAGE 1	STAGE 2	STAGE 3	TOTAL
20200100	EARTH EXCAVATION	CU YD	135	5,545	4,140	8,795	18,615
20400800	FURNISHED EXCAVATION	CU YD	1,155	4,175	0	0	5,330

TOPSOIL SUMMARY			
PAY ITEM	DESCRIPTION	UNIT	TOTAL
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,000
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	6,277
			12,277

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WSP USA Inc.
30 N. LASALLE STREET
SUITE 400
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 14-APR-2022 14:12	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	32
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

PROPOSED EARTHWORK SCHEDULE

STATION TO STATION		LENGTH	EXCAVATION			EMBANKMENT									TOPSOIL EXCAVATION (CU YD)			
			EARTH EXCAVATION 20200100 (CU YD)			EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE 15%) (CU YD)			EMBANKMENT NEEDED (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)						
			(A)			(A)-15% (B)			(C)			(B)-(C) (D)			(E)			
STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	
2007+50.00	2007+90.00	40.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007+90.00	2008+00.00	10.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008+00.00	2008+50.00	50.00	8	5	9	7	5	8	7	0	5	0	5	3	8	0	6	
2008+50.00	2008+77.09	27.09	40	22	44	34	19	37	21	0	21	13	19	16	38	0	35	
2008+77.09	2009+00.00	22.91	29	11	27	25	9	23	1	0	9	24	9	14	7	0	9	
2009+00.00	2009+50.00	50.00	22	9	25	19	8	22	8	0	12	10	8	9	9	0	12	
2009+50.00	2010+00.00	50.00	37	21	45	31	18	39	22	0	32	9	18	6	41	0	44	
2010+00.00	2010+50.00	50.00	51	24	44	43	20	37	5	0	26	39	20	11	42	0	36	
2010+50.00	2010+68.01	18.01	64	30	44	54	25	37	3	0	23	52	25	14	40	0	41	
2010+68.01	2011+00.00	31.99	25	12	13	21	10	11	3	0	13	18	10	-2	14	0	21	
2011+00.00	2011+05.39	5.39	61	22	18	52	19	16	4	0	37	48	19	-21	12	0	47	
2011+05.39	2011+50.00	44.61	13	4	3	11	3	2	0	0	7	11	3	-5	0	0	8	
2011+50.00	2012+00.00	50.00	85	32	21	72	27	18	2	0	56	71	27	-38	20	0	68	
2012+00.00	2012+50.00	50.00	72	36	27	61	31	23	2	0	62	60	31	-39	45	0	75	
2012+50.00	2012+75.00	25.00	69	38	31	59	32	27	0	0	46	59	32	-20	46	0	75	
2012+75.00	2013+00.00	25.00	47	20	19	40	17	16	0	0	18	39	17	-2	29	0	33	
2013+00.00	2013+50.00	50.00	50	21	35	43	18	30	0	0	10	42	18	20	17	0	20	
2013+50.00	2013+81.00	31.00	106	41	109	90	35	93	0	0	0	90	35	93	37	0	12	
2013+81.00	2014+00.00	19.00	71	27	51	61	23	43	0	0	52	61	23	-9	36	0	29	
2014+00.00	2014+50.00	50.00	31	18	15	26	16	13	6	0	69	20	16	-56	14	0	34	
2014+50.00	2015+00.00	50.00	63	53	38	54	45	32	38	0	223	16	45	-191	44	0	84	
2015+00.00	2015+50.00	50.00	85	61	43	72	52	36	23	0	244	49	52	-207	52	0	79	
2015+50.00	2016+00.00	50.00	119	69	52	102	59	44	1	0	233	101	59	-189	52	0	77	
2016+00.00	2016+12.36	12.36	108	76	66	92	65	56	0	0	212	92	65	-156	26	0	75	
2016+12.36	2016+50.00	37.64	23	19	19	19	17	16	0	0	48	19	17	-32	0	0	18	
2016+50.00	2017+00.00	50.00	85	64	66	72	55	56	1	0	149	71	55	-93	26	0	54	
2017+00.00	2017+50.00	50.00	105	95	112	89	81	95	48	0	202	41	81	-107	81	0	69	
2017+50.00	2018+00.00	50.00	74	107	145	63	91	124	131	0	193	-68	91	-69	100	0	67	
2018+00.00	2018+32.00	32.00	63	123	179	54	105	152	294	0	173	-240	105	-21	131	0	67	
2018+32.00	2018+50.00	18.00	33	87	133	28	74	113	353	0	93	-325	74	20	116	1	43	
2018+50.00	2019+00.00	50.00	16	51	80	14	44	68	254	0	32	-240	44	36	78	2	25	
2019+00.00	2019+50.00	50.00	51	148	248	43	126	211	607	0	27	-564	126	184	224	7	68	
2019+50.00	2020+00.00	50.00	125	153	273	106	130	232	356	0	7	-250	130	225	229	10	66	
2020+00.00	2020+50.00	50.00	281	152	277	239	129	235	166	0	9	74	129	226	232	13	66	
2020+50.00	2021+00.00	50.00	338	143	271	287	121	231	106	0	15	182	121	216	228	18	66	
2021+00.00	2021+50.00	50.00	245	130	260	209	110	221	161	0	22	47	110	199	224	19	67	
2021+50.00	2022+00.00	50.00	174	120	247	148	102	210	256	0	24	-109	102	186	224	19	69	
2022+00.00	2022+50.00	50.00	81	112	236	68	95	201	300	0	34	-232	95	166	193	22	69	
2022+50.00	2023+00.00	50.00	0	104	231	0	88	196	266	0	43	-266	88	153	130	24	70	
2023+00.00	2023+50.00	50.00	0	99	225	0	84	191	194	0	38	-194	84	153	96	25	69	
2023+50.00	2024+00.00	50.00	1	96	218	1	82	185	136	0	23	-135	82	162	90	24	66	
2024+00.00	2024+50.00	50.00	8	94	208	7	79	177	79	0	23	-72	79	154	82	22	67	
2024+50.00	2025+00.00	50.00	31	90	201	27	76	171	36	0	31	-9	76	140	75	24	69	
2025+00.00	2025+50.00	50.00	75	84	194	64	72	165	11	0	31	53	72	135	70	26	67	
2025+50.00	2026+00.00	50.00	137	80	188	116	68	160	0	0	30	116	68	130	74	26	66	
2026+00.00	2026+50.00	50.00	195	77	180	166	65	153	0	0	20	166	65	132	80	23	67	
2026+50.00	2027+00.00	50.00	229	68	169	194	57	144	0	0	16	194	57	128	83	23	69	
2027+00.00	2027+50.00	50.00	218	56	156	185	48	133	0	0	29	185	48	104	83	26	66	
2027+50.00	2028+00.00	50.00	167	49	139	142	42	118	0	0	59	142	42	59	80	25	65	
2028+00.00	2028+50.00	50.00	97	41	126	83	35	107	6	1	63	76	34	44	81	24	68	
2028+50.00	2029+00.00	50.00	40	33	117	34	28	99	31	4	56	3	25	44	92	26	68	
2029+00.00	2029+50.00	50.00	20	28	107	17	24	91	80	6	78	-62	18	14	104	28	68	
2029+50.00	2030+00.00	50.00	20	22	101	17	19	86	144	8	93	-126	11	-7	114	29	67	
2030+00.00	2030+50.00	50.00	14	18	95	12	15	81	149	12	83	-137	3	-2	113	29	65	
2030+50.00	2031+00.00	50.00	7	14	91	6	12	77	88	13	70	-82	-1	7	94	29	65	
2031+00.00	2031+31.01	31.01	35	10	86	30	9	73	32	13	62	-3	-4	11	75	31	65	
2031+31.01	2031+50.00	18.99	40	6	52	34	5	44	6	7	28	27	-2	17	41	20	33	
2031+50.00	2031+75.43	25.43	33	3	28	28	3	24	4	4	15	24	-1	9	28	12	12	
2031+75.43	2032+00.00	24.57	69	3	46	58	3	39	4	5	12	54	-2	27	22	16	5	
2032+00.00	2032+18.00	18.00	54	2	45	46	2	38	3	6	11	42	-4	27	24	15	9	
2032+18.00	2032+50.00	32.00	14	1	20	12	1	17	8	4	17	5	-3	0	31	11	14	
2032+50.00	2033+00.00	50.00	8	1	24	7	1	20	36	7	35	-29	-6	-15	49	20	34	

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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697
DESIGNED - NSL
DRAWN - RSK
PLOT SCALE =
CHECKED - DVS
PLOT DATE = 21-SEP-2021 17:28

REVISÉ -
REVISÉ -
REVISÉ -
REVISÉ -
DATE - 10/04/2021

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	33
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

PROPOSED EARTHWORK SCHEDULE

STATION TO STATION		LENGTH	EXCAVATION			EMBANKMENT						EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)			TOPSOIL EXCAVATION (CU YD)			
			EARTH EXCAVATION 20200100 (CU YD)			EXCAVATION TO BE USED IN EMBANKMENT (ADJUSTED FOR SHRINKAGE 15%) (CU YD)			EMBANKMENT NEEDED (CU YD)									
			(A)			(A)-15% (B)			(C)			(B)-(C) (D)			(E)			
STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	
2033+00.00	2033+50.00	50.00	0	0	24	0	0	20	148	19	81	-148	-19	-61	86	31	74	
2033+50.00	2034+00.00	50.00	0	0	19	0	0	16	277	31	118	-277	-31	-102	99	29	77	
2034+00.00	2034+50.00	50.00	0	0	18	0	0	15	395	32	155	-395	-32	-140	111	28	74	
2034+50.00	2035+00.00	50.00	0	0	22	0	0	19	494	28	167	-494	-28	-148	122	26	76	
2035+00.00	2035+50.00	50.00	0	2	34	0	2	29	531	17	148	-531	-15	-119	131	21	72	
2035+50.00	2035+90.00	40.00	0	9	49	0	8	42	490	5	113	-490	3	-71	132	12	70	
2035+90.00	2036+00.00	10.00	1	16	48	1	13	41	328	0	59	-327	13	-18	102	2	56	
2036+00.00	2036+50.00	50.00	1	5	13	1	4	11	72	0	10	-72	4	2	25	0	10	
2036+50.00	2037+00.00	50.00	17	32	72	14	28	61	310	0	29	-296	28	33	118	0	29	
2037+00.00	2037+50.00	50.00	37	44	91	31	38	77	204	0	16	-172	38	61	105	0	31	
2037+50.00	2038+00.00	50.00	88	55	109	75	46	93	70	0	6	4	46	87	48	0	38	
2038+00.00	2038+50.00	50.00	111	62	133	94	53	113	19	0	0	76	53	113	39	0	49	
2038+50.00	2039+00.00	50.00	92	68	174	78	57	148	35	0	1	43	57	147	75	0	60	
2039+00.00	2039+50.00	50.00	94	69	201	79	58	171	21	0	1	58	58	170	66	0	65	
2039+50.00	2039+87.08	37.08	90	61	209	76	52	178	10	0	6	66	52	172	58	0	69	
2039+87.08	2040+00.00	12.92	54	39	195	46	33	166	7	0	4	39	33	162	43	0	39	
2040+00.00	2040+50.00	50.00	17	13	51	14	11	44	2	0	6	12	11	37	14	0	14	
2040+50.00	2041+00.00	50.00	66	44	107	56	38	91	16	0	38	40	38	53	45	0	76	
2041+00.00	2041+50.00	50.00	59	40	99	50	34	84	36	0	50	14	34	34	45	0	64	
2041+50.00	2042+00.00	50.00	56	39	64	48	33	54	62	0	80	-14	33	-25	48	0	60	
2042+00.00	2042+50.00	50.00	56	38	56	47	32	48	104	0	79	-56	32	-31	63	0	65	
2042+50.00	2043+00.00	50.00	53	36	51	45	31	43	147	0	71	-102	31	-28	84	0	64	
2043+00.00	2043+50.00	50.00	56	37	50	48	31	43	157	0	71	-109	31	-29	88	0	64	
2043+50.00	2043+88.00	38.00	60	42	55	51	35	46	156	0	64	-104	35	-17	85	0	57	
2043+88.00	2044+00.00	12.00	42	31	56	36	26	48	118	0	21	-82	26	27	63	0	44	
2044+00.00	2044+35.00	35.00	12	9	23	10	7	19	36	0	0	-26	7	19	19	0	8	
2044+35.00	2044+50.00	15.00	18	16	36	15	14	30	82	0	14	-67	14	16	47	0	11	
2044+50.00	2045+00.00	50.00	0	3	0	0	3	0	25	0	11	-25	3	-11	17	0	10	
2045+00.00	2045+50.00	50.00	0	11	0	0	9	0	40	0	41	-40	9	-41	28	0	45	
2045+50.00	2046+00.00	50.00	0	11	0	0	9	0	0	0	48	0	9	-48	0	0	56	
2046+00.00	2046+50.00	50.00	0	11	0	0	9	0	0	0	44	0	9	-44	0	0	52	
2046+50.00	2047+00.00	50.00	0	11	0	0	9	0	0	0	44	0	9	-44	0	0	47	
2047+00.00	2047+50.00	50.00	0	11	0	0	9	0	0	0	45	0	9	-45	0	0	44	
2047+50.00	2048+00.00	50.00	0	11	1	0	9	1	0	0	44	0	9	-43	0	0	43	
2048+00.00	2048+50.00	50.00	0	11	3	0	9	2	0	0	100	0	9	-98	0	0	56	
2048+50.00	2049+00.00	50.00	0	10	7	0	9	6	0	0	79	0	9	-72	0	0	35	
2049+00.00	2049+50.00	50.00	0	5	6	0	4	5	0	0	0	0	4	5	0	0	0	
2049+50.00	2050+00.00	50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2050+00.00	2050+50.00	50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2050+50.00	2051+00.00	50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2051+00.00	2051+50.00	50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2051+50.00	2052+00.00	50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2052+00.00	2052+50.00	50.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2052+50.00	END	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PRESTAGE FILL			0	0	1155	0	0	982	0	0	0	0	0	982	0	0	0	
MAINLINE SUBTOTAL			4460	5542	4138	8452	4710	3517	7184	8885	220	5264	-4175	3297	2902	6532	818	4846
MAINLINE GRAND TOTAL					18131			15411			14369			2024			12196	
77+29.06	77+50.00	20.94	0	0	4	0	0	4	0	0	3	0	0	0	0	0	0	
77+50.00	77+65.01	15.01	0	0	3	0	0	3	0	0	5	0	0	-3	0	0	2	
77+65.01	78+00.00	34.99	0	0	13	0	0	11	0	0	9	0	0	2	0	0	1	
78+00.00	78+50.00	50.00	0	0	23	0	0	20	0	0	20	0	0	0	0	0	2	
78+50.00	78+91.72	41.72	0	0	18	0	0	15	0	0	30	0	0	-15	0	0	9	
78+91.72	79+00.00	8.28	0	0	3	0	0	3	0	0	33	0	0	-30	0	0	8	
79+00.00	80+50.00	150.00	MEADOWVIEW OMISSION															
80+50.00	81+00.00	50.00	0	0	203	0	0	172	0	0	66	0	0	106	0	0	72	
81+00.00	END	0	0	72	0	0	61	0	0	67	0	0	-5	0	0	23		
MEADOWVIEW SUBTOTAL			371	0	0	340	0	0	289	0	0	234	0	0	55	0	0	118
BELL ROAD SUBTOTAL			4,831	5,542	4,138	8,792	4,710	3,517	7,473	8,885	220	5,498	-4,175	3,297	2,957	6,532	818	4,964
BELL ROAD GRAND TOTAL					18,471			15,700			14,603			2,079			12,314	

FILE NAME = T:\16912A Bell Road\Civil\Plans\Cover-notes-500\DI -Schedule Earthwork-shr-7-8.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
PLOT SCALE =	DRAWN - RSK	REVISED -
PLOT DATE = 16-FEB-2022 13:56	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 34
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

NOTE:

- (1) CONTROL POINTS 1, 6 AND BENCHMARKS 1, 2 AND 7 ARE OUTSIDE OF PROJECT IMPROVEMENTS. SEE TIES AND BENCHMARK DATA BELOW.
- (2) ALL ELEVATIONS REFER TO U.S.G.S MEAN SEA LEVEL DATUM (NAVD 88). COORDINATES ARE STATE PLANE IL EAST - NAD83-2011 WITH GRID TO GROUND FACTOR.

PROP. CURVE P-MEADOW-1
 PI STA. = 77+58.90
 $\Delta = 41^\circ 38' 30''$ (LT)
 $D = 13^\circ 10' 17''$
 $R = 435.00'$
 $T = 161.09'$
 $L = 308.56'$
 $E = 28.87'$
 P.C. STA. = 75+97.81
 P.T. STA. = 79+06.37

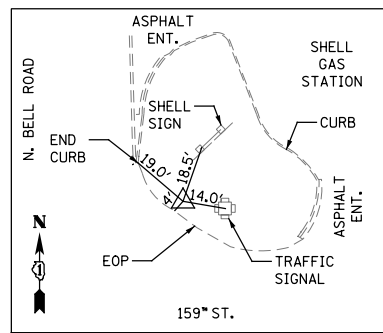
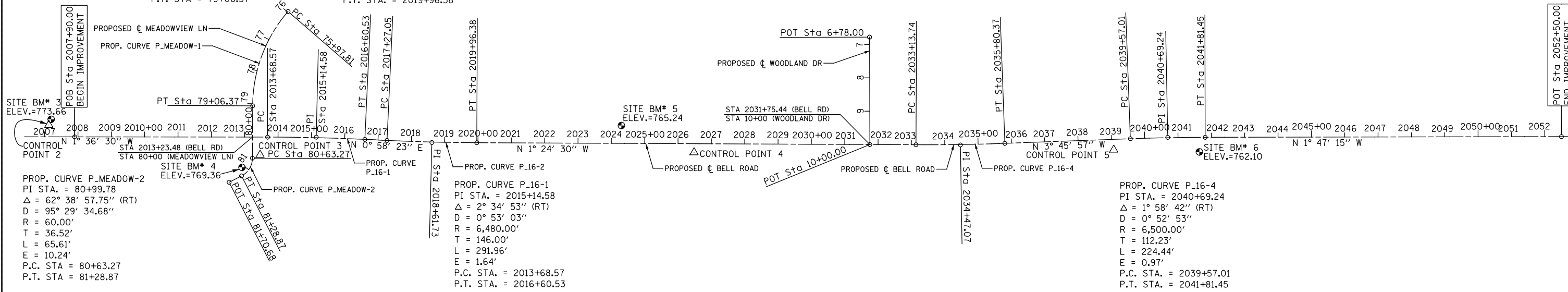
PROP. CURVE P-16-2
 PI STA. = 2018+61.73
 $\Delta = 2^\circ 22' 53''$ (LT)
 $D = 0^\circ 53' 03''$
 $R = 6,480.00'$
 $T = 134.68'$
 $L = 269.33'$
 $E = 1.40'$
 P.C. STA. = 2017+27.05
 P.T. STA. = 2019+96.37

ALIGNMENT COORDINATES - BELL ROAD			
	STATION	N	E
POB	2007+90.00	1797873.02	1094524.63
PC	2013+68.57	1798451.37	1094508.39
PI	2015+14.58	1798597.31	1094504.29
PT	2016+60.53	1798743.30	1094506.77
PC	2017+27.05	1798809.81	1094507.90
PI	2018+61.73	1798944.47	1094510.19
PT	2019+96.38	1799079.12	1094506.88
PC	2033+13.74	1800396.08	1094474.51
PI	2034+47.07	1800529.37	1094471.23
PT	2035+80.37	1800622.42	1094462.47
PC	2039+57.01	1801038.24	1094437.73
PI	2040+69.24	1801150.23	1094430.36
PT	2041+81.45	1801262.41	1094426.86
POT	2044+35.00	1801515.85	1094418.95

PROP. CURVE P-16-3
 PI STA. = 2034+47.07
 $\Delta = 2^\circ 21' 27''$ (LT)
 $D = 0^\circ 53' 03''$
 $R = 6,480.00'$
 $T = 133.34'$
 $L = 266.63'$
 $E = 1.37'$
 P.C. STA. = 2033+13.74
 P.T. STA. = 2035+80.37

ALIGNMENT COORDINATES - MEADOWVIEW LN			
	STATION	N	E
PC	75+97.81	1798501.81	1094130.21
PI	77+58.90	1798399.96	1094255.02
PT	79+06.37	1798403.97	1094416.06
PC	80+63.27	1798407.87	1094572.91
PI	80+99.78	1798408.78	1094609.41
PT	81+28.87	1798376.77	1094626.99
POT	81+70.68	1798340.12	1094647.11

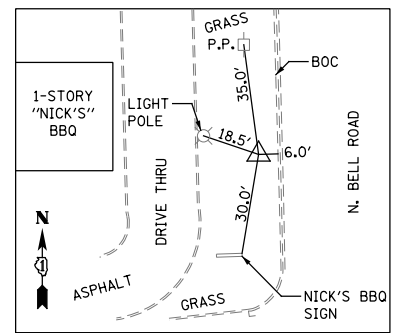
ALIGNMENT COORDINATES - WOODLAND DR			
	STATION	N	E
POT	6+78.00	1800247.43	1094156.07
POT	10+00.00	1800257.82	1094477.90



CONTROL POINT #1
 SET 5/8" REBAR
 W/CLAASSEN CAP
 CWA-1
 STA. 2000+45.45, 43.95' RT.
 N 1797130.0054
 E 1094589.4610
 ELEV. 758.134

BENCHMARK #1
 ELEV. 748.39

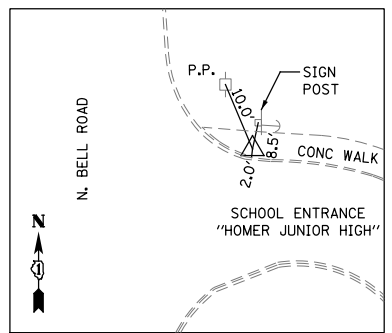
(FB488/8) FOUND CUT CROSS ON TOP SW'LY COR. OF CONCRETE PAD FOR TRAFFIC SIGNAL HANDHOLE NORTH OF 159th STREET @ BUMP & GRIND AUTO BODY, INC.



CONTROL POINT #2
 SET 5/8" REBAR
 W/CLAASSEN CAP
 CWA-2
 STA. 2007+12.49, 35.53' LT.
 N 1797794.5440
 E 1094491.2880
 ELEV. 772.300

BENCHMARK #2
 ELEV. 759.07

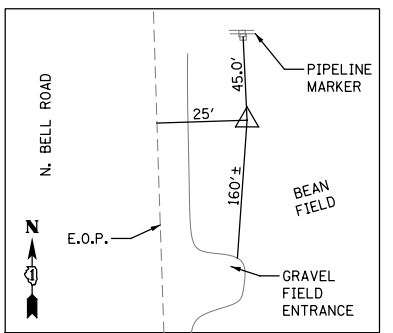
(FB488/8) FOUND CUT SQUARE ON TOP S'LY SIDE OF CONC. TRAFFIC SIGNAL FOUNDATION AT NE QUAD, 159th STREET & BELL ROAD.



CONTROL POINT #3
 CUT CROSS ON WALK
 CWA-3
 STA. 2013+46.26, 53.46' RT.
 N 1798430.5668
 E 1094562.4572
 ELEV. 768.177

BENCHMARK #3
 ELEV. 773.66

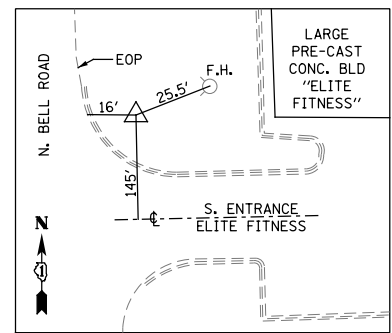
(FB488/8) CUT SQUARE ON TOP W'LY SIDE OF CONC. LIGHT POLE FOUNDATION ON WEST SIDE OF BELL ROAD @ NICK'S BBO.



CONTROL POINT #4
 SET 5/8" REBAR
 W/CLAASSEN CAP
 CWA-4 ON T.O.B.
 STA. 2026+48.30, 26.04' RT.
 N 1799731.4776
 E 1094516.8870
 ELEV. 768.385

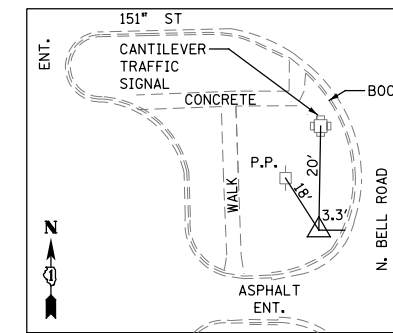
BENCHMARK #4
 ELEV. 759.08

(FB488/10) FOUND CUT CROSS ON TOP NW'LY COR. OF CONCRETE PAD FOR TRAFFIC SIGNAL HANDHOLE @ THE NE QUAD OF 151th & BELL ROAD.



CONTROL POINT #5
 SET 5/8" REBAR
 W/CLAASSEN CAP
 CWA-5
 STA. 2039+06.01, 31.23' RT.
 N 1800989.4096
 E 1094472.2454
 ELEV. 766.964

HORIZONTAL CONTROL DATUM: NAD83 (2011)
 VERTICAL CONTROL DATUM: NAVD88



CONTROL POINT #6
 SET 5/8" REBAR
 W/CLAASSEN CAP
 CWA-6
 STA. 2052+30.24, 37.46' LT.
 N 1802309.5237
 E 1094356.7078
 ELEV. 758.608

BENCHMARK #4
 ELEV. 769.36

(FB488/8) CUT SQUARE ON TOP NW'LY SIDE OF CONC. LIGHT POLE FOUNDATION AT THE SE QUAD, BELL ROAD & HOMER JUNIOR HIGH SCHOOL ENTRANCE.

BENCHMARK #5
 ELEV. 765.24

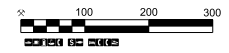
(FB488/9) FOUND RR SPIKE IN EAST FACE OF POWER POLE, WEST SIDE OF BELL ROAD, 200', MORE OR LESS, SOUTH OF CWA CONTROL POINT 4.

BENCHMARK #6
 ELEV. 762.10

(FB488/9) CUT CROSS NE'LY TOP FLANGE BOLT OF FIRE HYDRANT, EAST SIDE OF BELL ROAD @ THE N'LY PROPERTY LINE OF ELITE FITNESS.

BENCHMARK #7
 ELEV. 759.08

(FB488/10) FOUND CUT CROSS ON TOP NW'LY COR. OF CONCRETE PAD FOR TRAFFIC SIGNAL HANDHOLE @ THE NE QUAD OF 151th & BELL ROAD.



FILE NAME = T:\16912A Bell Road\Civil\Plans\Align - Alignment - Ties.dgn



WSP USA Inc.
 30 N. LASALLE STREET
 SUITE 4000
 CHICAGO, IL 60602
 TEL: (312) 782-8100
 FAX: (312) 782-1884

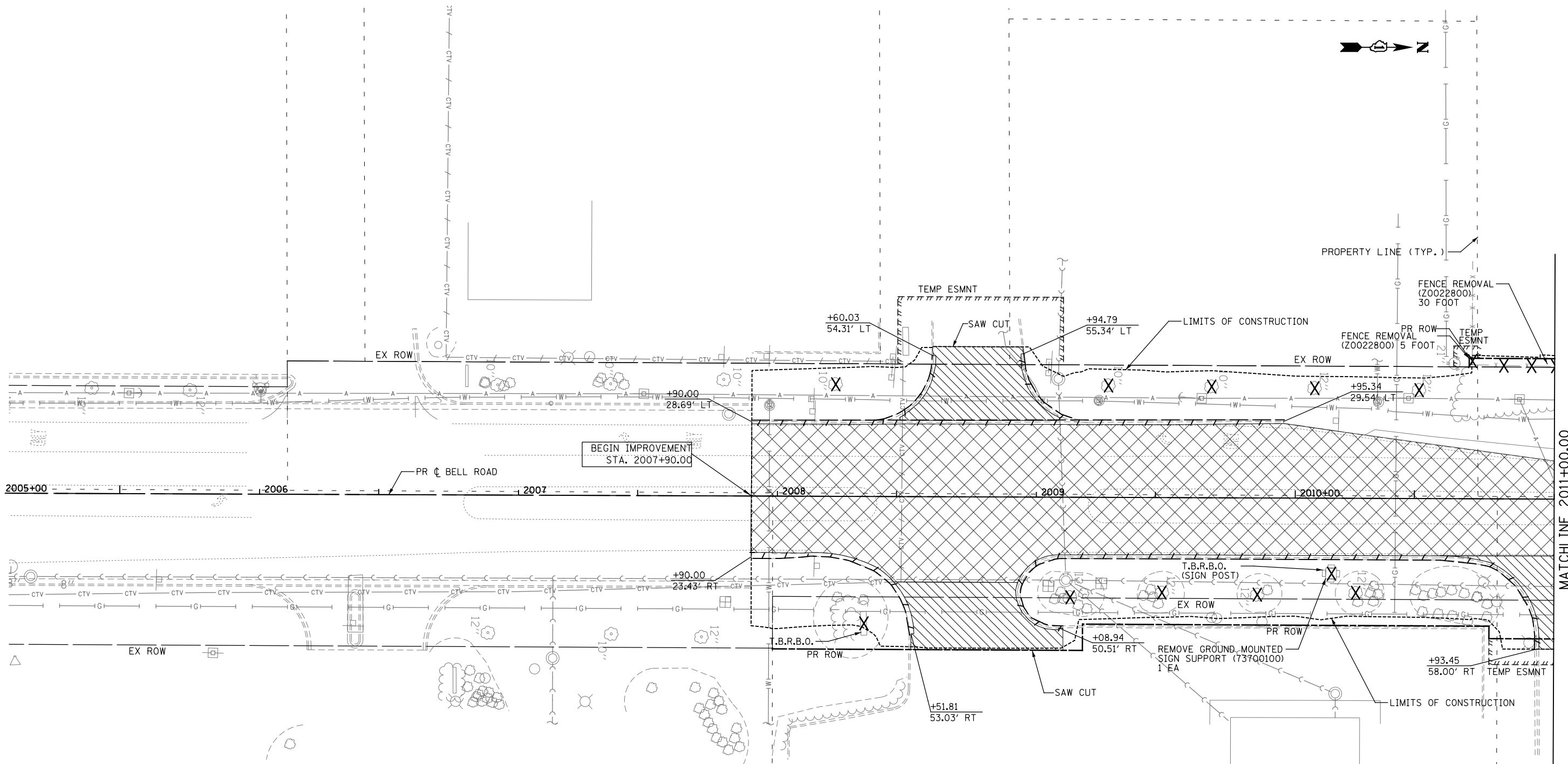
USER NAME = USHA669697	DESIGNED - NSL	REVISED -
PLOT SCALE =	DRAWN - MMA	REVISED -
PLOT DATE = 21-SEP-2021 17:28	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	35
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				



MATCHLINE 2011+00.00

LEGEND

- | | | | |
|--|---|--|---|
| | PAVEMENT REMOVAL (44000100) | | REMOVE FLARED END SECTION (X0322936) |
| | SIDEWALK REMOVAL (44000600) | | DRAINAGE STRUCTURE TO BE REMOVED (Z0018700) |
| | DRIVEWAY PAVEMENT REMOVAL (44000200) | | STORM SEWER REMOVAL 12" (55100500) |
| | HOT MIX ASPHALT SURFACE REMOVAL 1 1/2" (44000155) | | STORM SEWER REMOVAL 15" (55100700) |
| | REMOVAL OF EXISTING TREES 6 TO 15 INCHES (20100110) | | STORM SEWER REMOVAL 18" (55100900) |
| | REMOVAL OF EXISTING TREES OVER 15 INCHES (20100210) | | STORM SEWER REMOVAL 30" (55101400) |
| | REMOVAL OF EXISTING CURB AND GUTTER (44000500) | | PIPE CULVERT REMOVAL (50105220) |
| | RELOCATE EXISTING MAILBOX | | CONTROLLED LOW-STRENGTH MATERIAL (59300100) |
| | FENCE REMOVAL (Z0022800) | | T.B.R.B.O. TO BE REMOVED BY OTHERS |

NOTES

- COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES. SEE MAINTENANCE OF TRAFFIC PLANS FOR MORE INFORMATION.
- INSTALL TEMP. FENCE AT LOCATIONS WHERE EX. FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS. TEMP FENCE SHALL BE 4' TALL CHAIN-LINK FENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



FILE NAME = T:\106912A Bell Road\City\Plans\Removal_Sheets\01 - sht.01 - removal.dgn



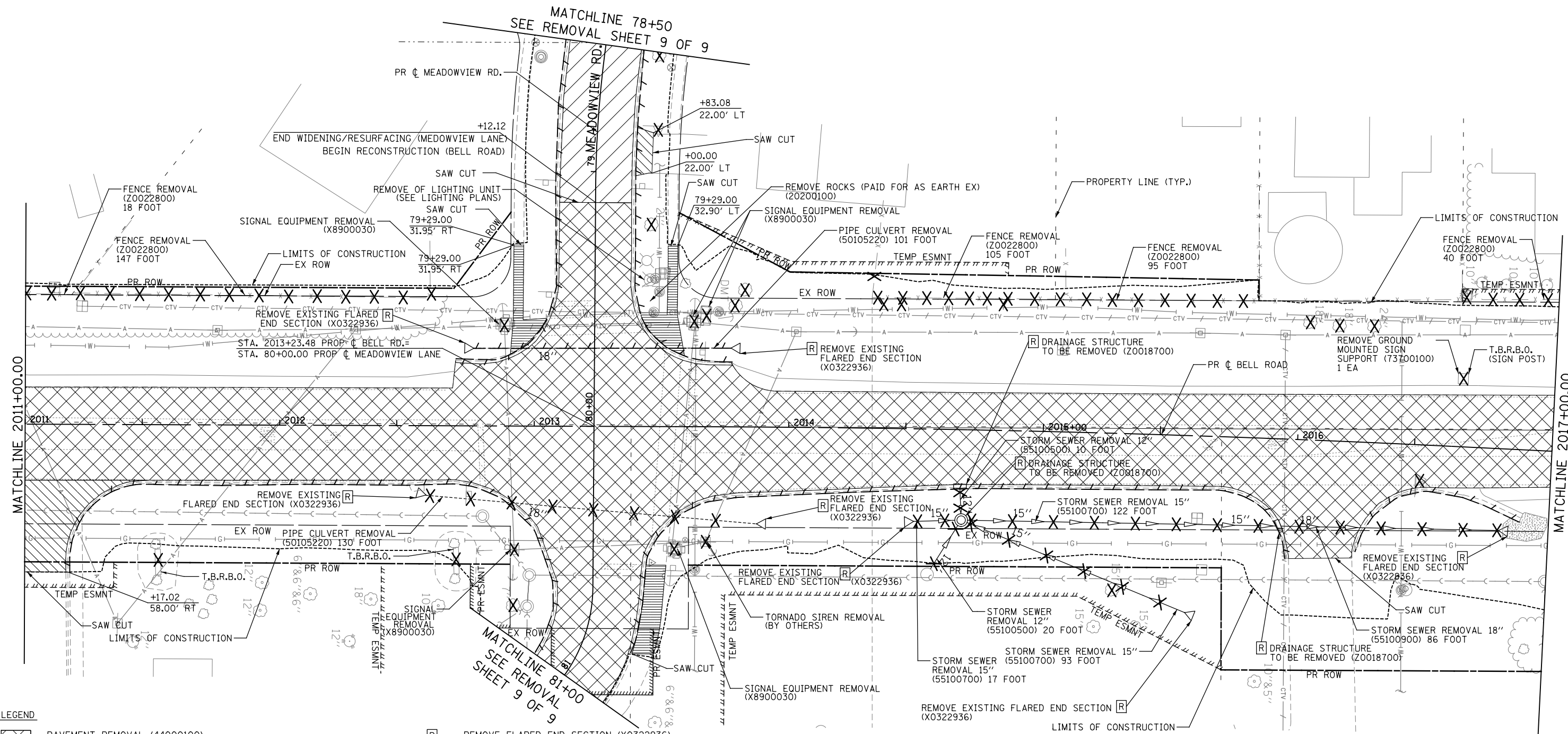
WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-8100 FAX: (312) 782-1884	USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	PLOT SCALE =	DRAWN - RSK	REVISED -
	PLOT DATE = 20-APR-2022 13:41	CHECKED - DVS	REVISED -
		DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

SCALE: 1" = 20' SHEET NO. 1 OF 9 SHEETS STA. 2005+00.00 TO STA. 2011+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	36
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

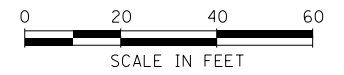


LEGEND

- PAVEMENT REMOVAL (44000100)
- SIDEWALK REMOVAL (44000600)
- DRIVEWAY PAVEMENT REMOVAL (44000200)
- HOT MIX ASPHALT SURFACE REMOVAL 1 1/2" (44000155)
- REMOVAL OF EXISTING TREES 6 TO 15 INCHES (20100110)
- REMOVAL OF EXISTING TREES OVER 15 INCHES (20100210)
- REMOVAL OF EXISTING CURB AND GUTTER (44000500)
- RELOCATE EXISTING MAILBOX
- FENCE REMOVAL (Z0022800)
- REMOVE FLARED END SECTION (X0322936)
- DRAINAGE STRUCTURE TO BE REMOVED (Z0018700)
- STORM SEWER REMOVAL 12" (55100500)
- STORM SEWER REMOVAL 15" (55100700)
- STORM SEWER REMOVAL 18" (55100900)
- STORM SEWER REMOVAL 30" (55101400)
- PIPE CULVERT REMOVAL (50105220)
- CONTROLLED LOW-STRENGTH MATERIAL (59300100)
- T.B.R.B.O. TO BE REMOVED BY OTHERS

NOTES

1. COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES. SEE MAINTENANCE OF TRAFFIC PLANS FOR MORE INFORMATION.
2. INSTALL TEMP. FENCE AT LOCATIONS WHERE EX. FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS. TEMP FENCE SHALL BE 4' TALL CHAIN-LINK FENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



FILE NAME = T:\16912A Bell Road\Civil\Plans\Removal Sheets\01 - sht. 02 - removal.dgn



USER NAME = USHA669697	DESIGNED - NSL	REVISED -
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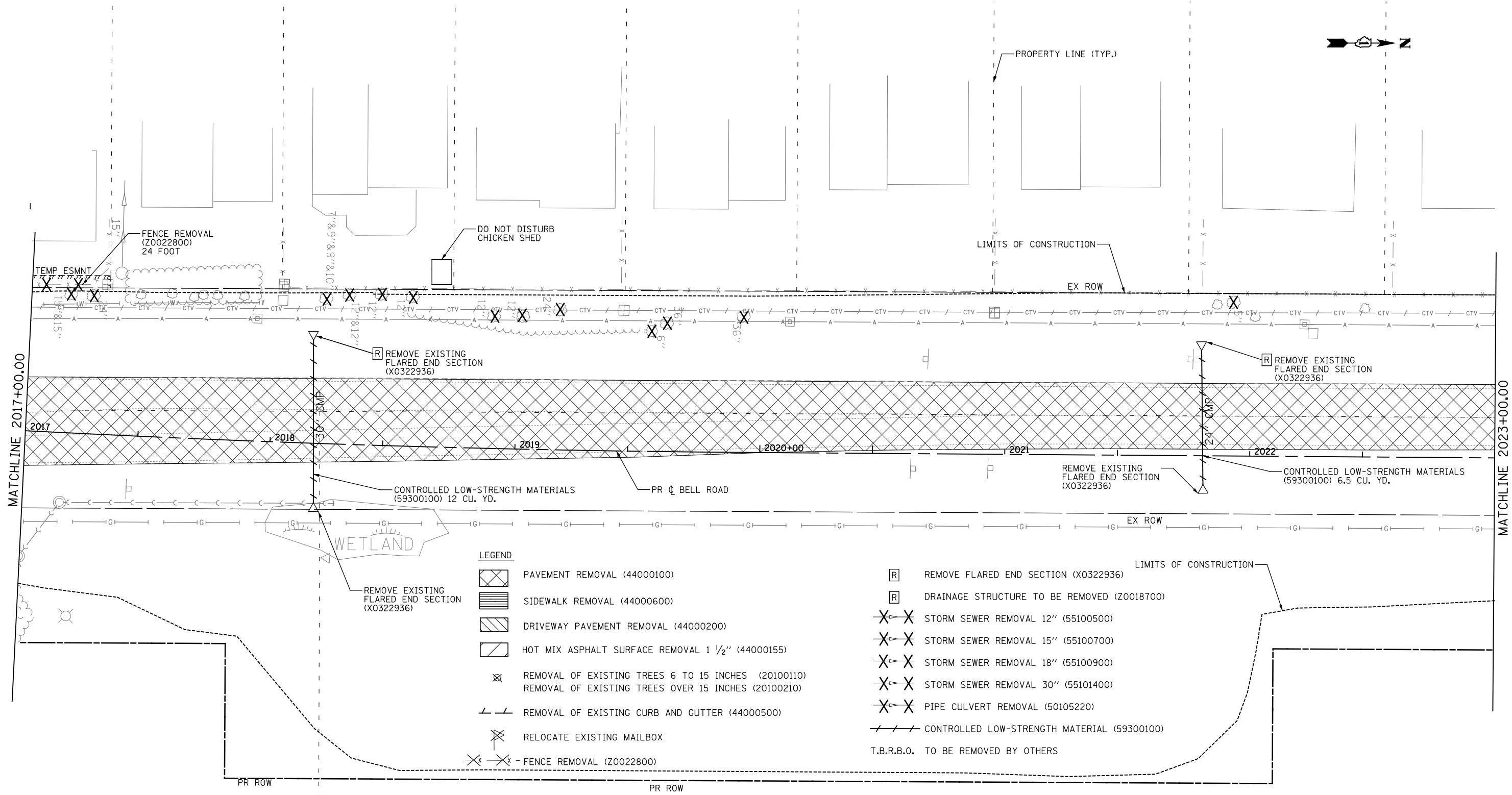
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

SCALE: 1" = 20' SHEET NO. 2 OF 9 SHEETS STA. 2011+00.00 TO STA. 2017+00.00

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 37
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

FILE NAME = T:\16912A Bell Road\Civil\Plans\Removal_Sheets\01 - sht.03 - removal.dgn



LEGEND

	PAVEMENT REMOVAL (44000100)
	SIDEWALK REMOVAL (44000600)
	DRIVEWAY PAVEMENT REMOVAL (44000200)
	HOT MIX ASPHALT SURFACE REMOVAL 1 1/2" (44000155)
	REMOVAL OF EXISTING TREES 6 TO 15 INCHES (20100110)
	REMOVAL OF EXISTING TREES OVER 15 INCHES (20100210)
	REMOVAL OF EXISTING CURB AND GUTTER (44000500)
	RELOCATE EXISTING MAILBOX
	FENCE REMOVAL (Z0022800)

- REMOVE FLARED END SECTION (X0322936)
- DRAINAGE STRUCTURE TO BE REMOVED (Z0018700)
- STORM SEWER REMOVAL 12" (55100500)
- STORM SEWER REMOVAL 15" (55100700)
- STORM SEWER REMOVAL 18" (55100900)
- STORM SEWER REMOVAL 30" (55101400)
- PIPE CULVERT REMOVAL (50105220)
- CONTROLLED LOW-STRENGTH MATERIAL (59300100)
- T.B.R.B.O. TO BE REMOVED BY OTHERS

NOTES

- COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES. SEE MAINTENANCE OF TRAFFIC PLANS FOR MORE INFORMATION.
- INSTALL TEMP. FENCE AT LOCATIONS WHERE EX. FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS. TEMP FENCE SHALL BE 4' TALL CHAIN-LINK FENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



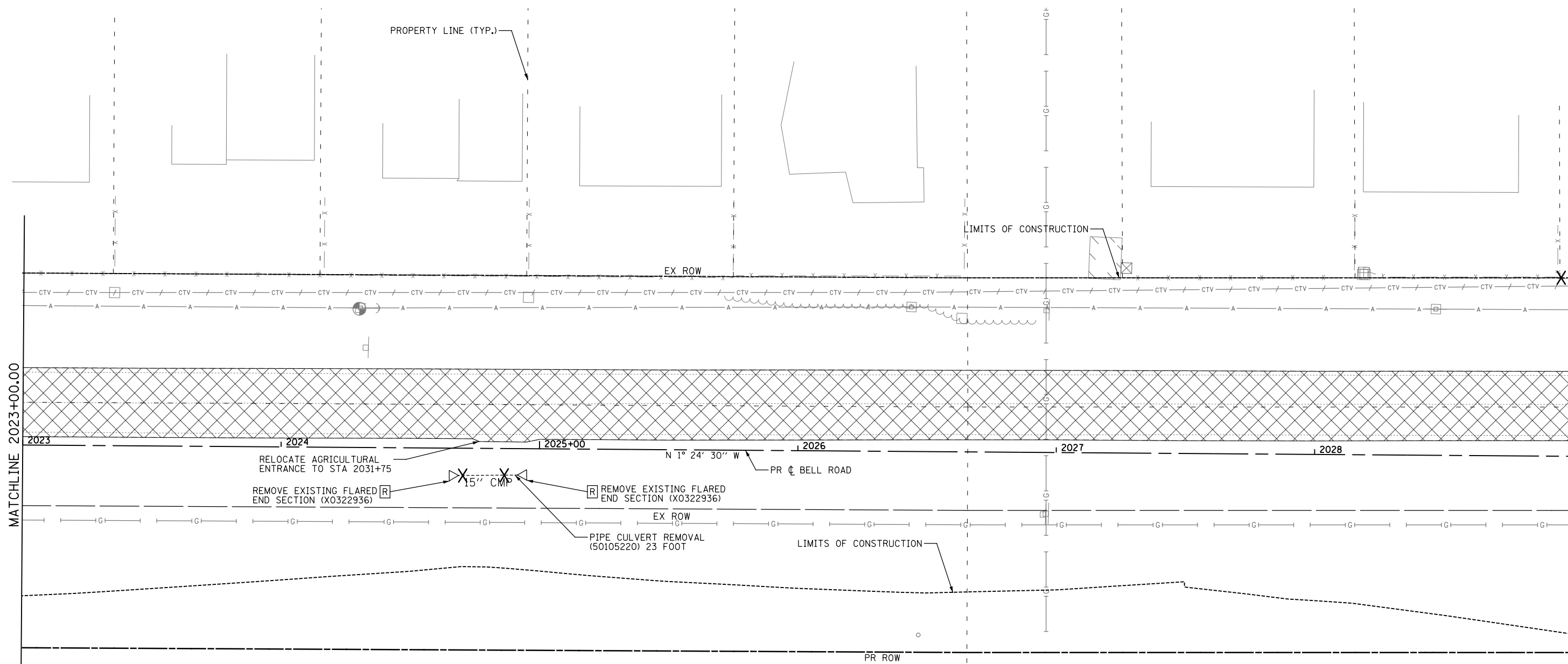
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DRAWN - RSK	REVISED -	
CHECKED - DVS	REVISED -	
DATE - 10/04/2021	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

SCALE: 1" = 20' SHEET NO. 3 OF 9 SHEETS STA. 2017+00.00 TO STA. 2023+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	38
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				



MATCHLINE 2023+00.00

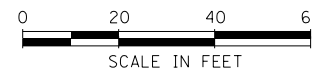
MATCHLINE 2029+00.00

LEGEND

- | | |
|---|---|
| PAVEMENT REMOVAL (44000100) | REMOVE FLARED END SECTION (X0322936) |
| SIDEWALK REMOVAL (44000600) | DRAINAGE STRUCTURE TO BE REMOVED (Z0018700) |
| DRIVEWAY PAVEMENT REMOVAL (44000200) | STORM SEWER REMOVAL 12" (55100500) |
| HOT MIX ASPHALT SURFACE REMOVAL 1 1/2" (44000155) | STORM SEWER REMOVAL 15" (55100700) |
| REMOVAL OF EXISTING TREES 6 TO 15 INCHES (20100110) | STORM SEWER REMOVAL 18" (55100900) |
| REMOVAL OF EXISTING TREES OVER 15 INCHES (20100210) | STORM SEWER REMOVAL 30" (55101400) |
| REMOVAL OF EXISTING CURB AND GUTTER (44000500) | PIPE CULVERT REMOVAL (50105220) |
| RELOCATE EXISTING MAILBOX | CONTROLLED LOW-STRENGTH MATERIAL (59300100) |
| FENCE REMOVAL (Z0022800) | T.B.R.B.O. TO BE REMOVED BY OTHERS |

NOTES

- COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES. SEE MAINTENANCE OF TRAFFIC PLANS FOR MORE INFORMATION.
- INSTALL TEMP. FENCE AT LOCATIONS WHERE EX. FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS. TEMP FENCE SHALL BE 4' TALL CHAIN-LINK FENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



FILE NAME = T:\16912A Bell Road\Civil\Plans\Removal_Sheets\01 - sht_04 - removal.dgn



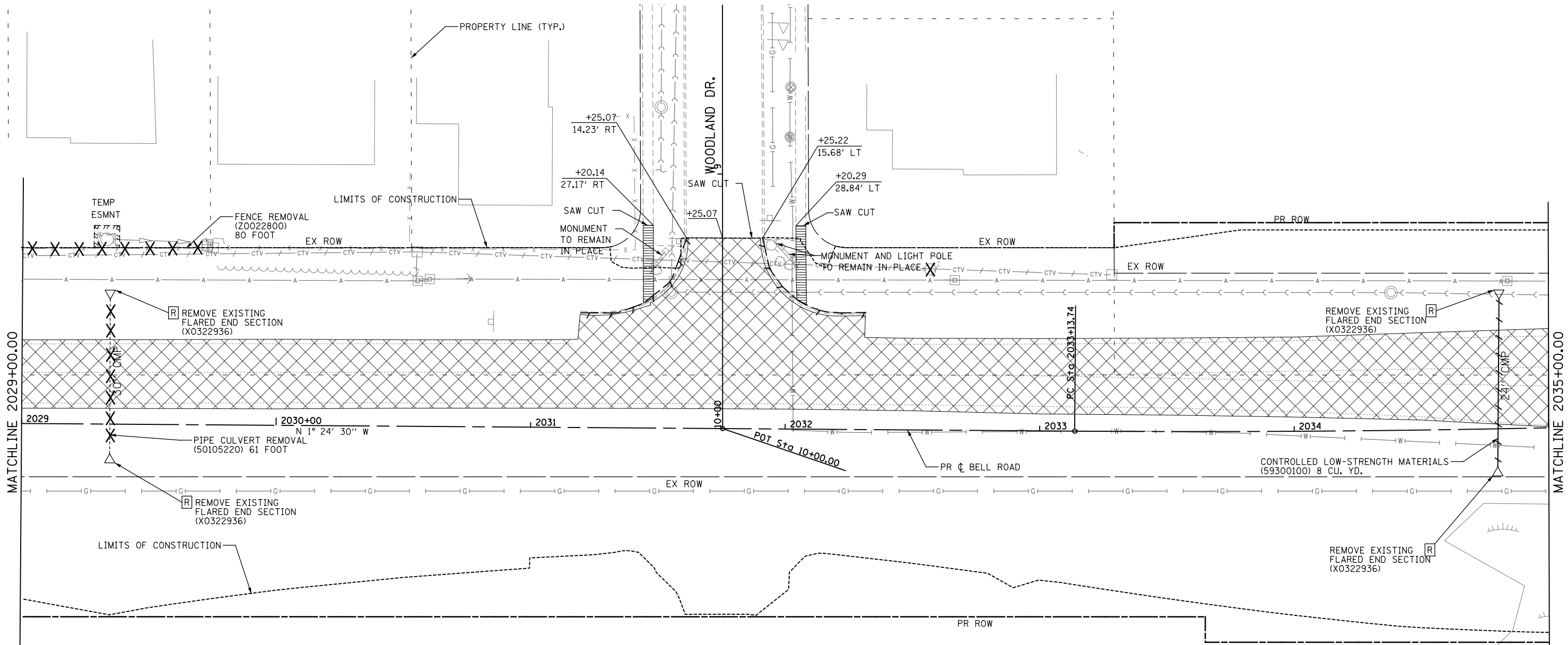
USER NAME = USHA669697	DESIGNED - NSL	REVISED -
WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-8100 FAX: (312) 782-1884	DRAWN - RSK	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-SEP-2021 17:29	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

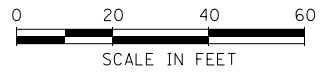
SCALE: 1" = 20' SHEET NO. 4 OF 9 SHEETS STA. 2023+00.00 TO STA. 2029+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	39
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- | | | | |
|--|---|--|---|
| | PAVEMENT REMOVAL (44000100) | | REMOVE FLARED END SECTION (X0322936) |
| | SIDEWALK REMOVAL (44000600) | | DRAINAGE STRUCTURE TO BE REMOVED (Z0018700) |
| | DRIVEWAY PAVEMENT REMOVAL (44000200) | | STORM SEWER REMOVAL 12" (55100500) |
| | HOT MIX ASPHALT SURFACE REMOVAL 1 1/2" (44000155) | | STORM SEWER REMOVAL 15" (55100700) |
| | REMOVAL OF EXISTING TREES 6 TO 15 INCHES (20100110) | | STORM SEWER REMOVAL 18" (55100900) |
| | REMOVAL OF EXISTING TREES OVER 15 INCHES (20100210) | | STORM SEWER REMOVAL 30" (55101400) |
| | REMOVAL OF EXISTING CURB AND GUTTER (44000500) | | PIPE CULVERT REMOVAL (50105220) |
| | RELOCATE EXISTING MAILBOX | | CONTROLLED LOW-STRENGTH MATERIAL (59300100) |
| | FENCE REMOVAL (Z0022800) | | T.B.R.B.O. TO BE REMOVED BY OTHERS |

- NOTES**
- COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES. SEE MAINTENANCE OF TRAFFIC PLANS FOR MORE INFORMATION.
 - INSTALL TEMP. FENCE AT LOCATIONS WHERE EX. FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS. TEMP FENCE SHALL BE 4' TALL CHAIN-LINK FENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



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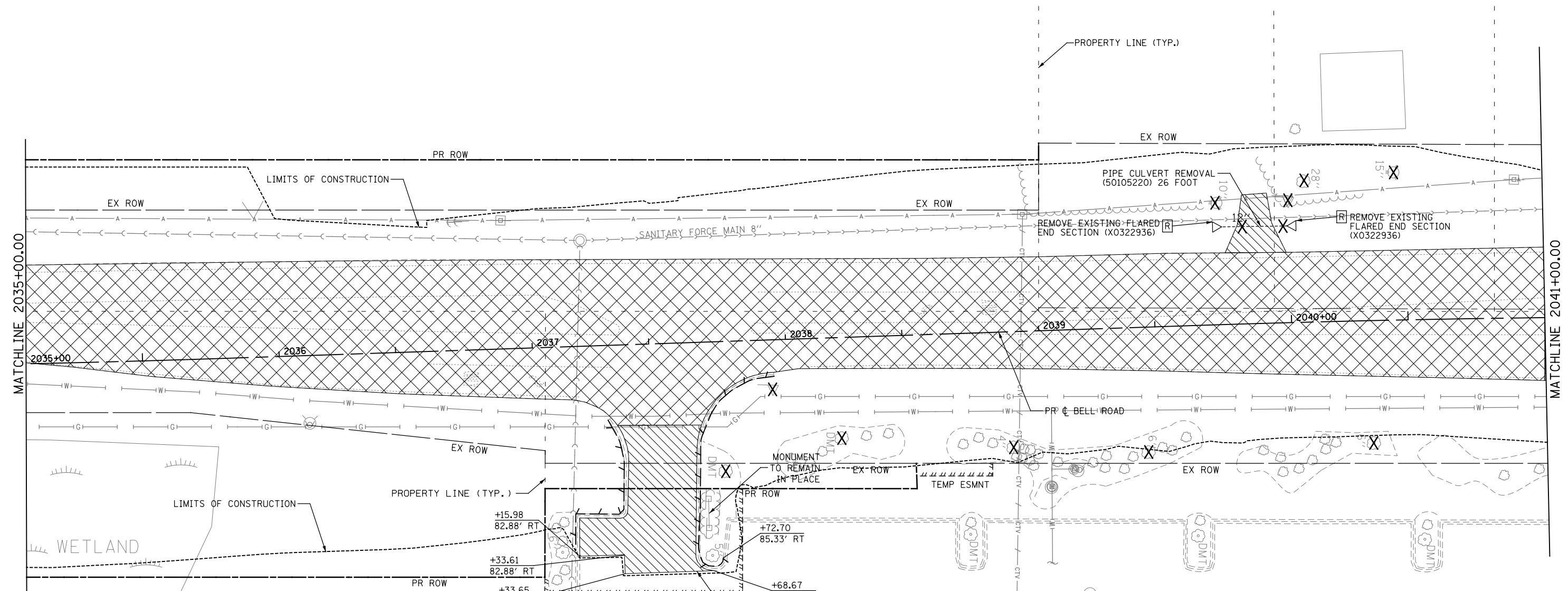


USER NAME = USHA669697	DESIGNED - NSL	REVISED -
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PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-SEP-2021 17:29	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS		
SCALE: 1" = 20'	SHEET NO. 5 OF 9 SHEETS	STA. 2029+00.00 TO STA. 2035+00.00

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 40
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				



MATCHLINE 2035+00.00

MATCHLINE 2041+00.00

LEGEND

- PAVEMENT REMOVAL (44000100)
- SIDEWALK REMOVAL (44000600)
- DRIVEWAY PAVEMENT REMOVAL (44000200)
- HOT MIX ASPHALT SURFACE REMOVAL 1 1/2" (44000155)
- REMOVAL OF EXISTING TREES 6 TO 15 INCHES (20100110)
- REMOVAL OF EXISTING TREES OVER 15 INCHES (20100210)
- REMOVAL OF EXISTING CURB AND GUTTER (44000500)
- RELOCATE EXISTING MAILBOX
- FENCE REMOVAL (Z0022800)
- REMOVE FLARED END SECTION (X0322936)
- DRAINAGE STRUCTURE TO BE REMOVED (Z0018700)
- STORM SEWER REMOVAL 12" (55100500)
- STORM SEWER REMOVAL 15" (55100700)
- STORM SEWER REMOVAL 18" (55100900)
- STORM SEWER REMOVAL 30" (55101400)
- PIPE CULVERT REMOVAL (50105220)
- CONTROLLED LOW-STRENGTH MATERIAL (59300100)
- T.B.R.B.O. TO BE REMOVED BY OTHERS

NOTES

1. COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES. SEE MAINTENANCE OF TRAFFIC PLANS FOR MORE INFORMATION.
2. INSTALL TEMP. FENCE AT LOCATIONS WHERE EX. FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS. TEMP FENCE SHALL BE 4' TALL CHAIN-LINK FENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



FILE NAME = T:\16912A Bell Road\Civil\Plans\Removal Sheets\01 - sht_06 - removal.dgn



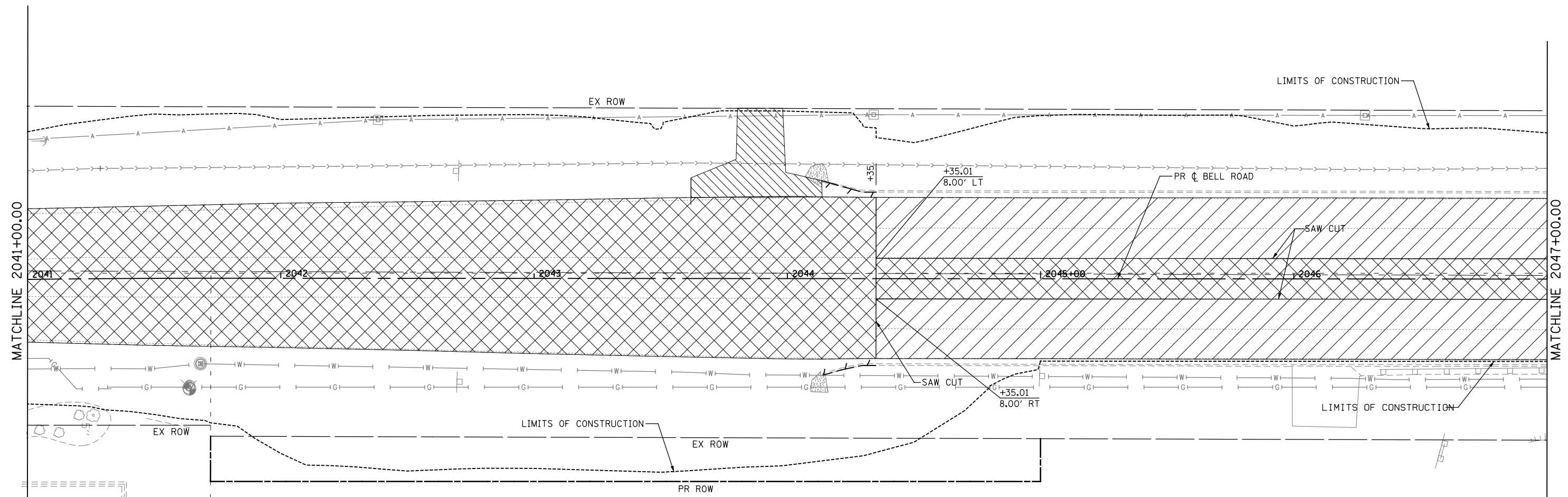
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PLOT DATE = 21-SEP-2021 17:29	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

SCALE: 1" = 20' SHEET NO. 6 OF 9 SHEETS STA. 2035+00.00 TO STA. 2041+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	41
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				



LEGEND

- PAVEMENT REMOVAL (44000100)
- SIDEWALK REMOVAL (44000600)
- DRIVEWAY PAVEMENT REMOVAL (44000200)
- HOT MIX ASPHALT SURFACE REMOVAL 1 1/2" (44000155)
- REMOVAL OF EXISTING TREES 6 TO 15 INCHES (20100110)
- REMOVAL OF EXISTING TREES OVER 15 INCHES (20100210)
- REMOVAL OF EXISTING CURB AND GUTTER (44000500)
- RELOCATE EXISTING MAILBOX
- FENCE REMOVAL (Z0022800)

- REMOVE FLARED END SECTION (X0322936)
- DRAINAGE STRUCTURE TO BE REMOVED (Z0018700)
- STORM SEWER REMOVAL 12" (55100500)
- STORM SEWER REMOVAL 15" (55100700)
- STORM SEWER REMOVAL 18" (55100900)
- STORM SEWER REMOVAL 30" (55101400)
- PIPE CULVERT REMOVAL (50105220)
- CONTROLLED LOW-STRENGTH MATERIAL (59300100)
- T.B.R.B.O. TO BE REMOVED BY OTHERS

NOTES

1. COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES. SEE MAINTENANCE OF TRAFFIC PLANS FOR MORE INFORMATION.
2. INSTALL TEMP. FENCE AT LOCATIONS WHERE EX. FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS. TEMP FENCE SHALL BE 4' TALL CHAIN-LINK FENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



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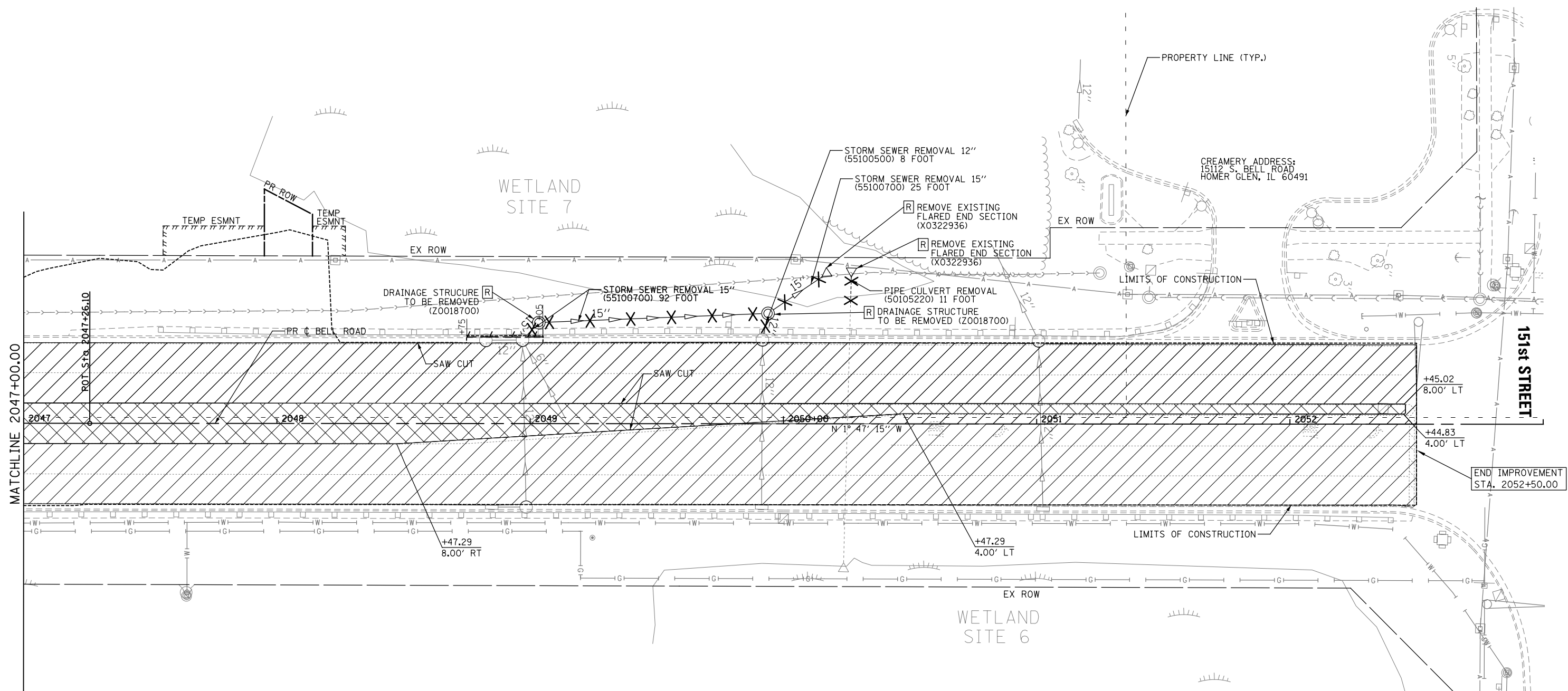
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DRAWN - RSK	REVISIONS -	
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PLOT DATE = 21-SEP-2021 17:29	DATE - 10/04/2021	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

SCALE: 1" = 20' SHEET NO. 7 OF 9 SHEETS STA. 2041+00.00 TO STA. 2047+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	42
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				



MATCHLINE 2047+00.00

151st STREET

END IMPROVEMENT STA. 2052+50.00

LEGEND

- | | | | |
|--|---|--|---|
| | PAVEMENT REMOVAL (44000100) | | REMOVE FLARED END SECTION (X0322936) |
| | SIDEWALK REMOVAL (44000600) | | DRAINAGE STRUCTURE TO BE REMOVED (Z0018700) |
| | DRIVEWAY PAVEMENT REMOVAL (44000200) | | STORM SEWER REMOVAL 12" (55100500) |
| | HOT MIX ASPHALT SURFACE REMOVAL 1 1/2" (44000155) | | STORM SEWER REMOVAL 15" (55100700) |
| | REMOVAL OF EXISTING TREES 6 TO 15 INCHES (20100110) | | STORM SEWER REMOVAL 18" (55100900) |
| | REMOVAL OF EXISTING TREES OVER 15 INCHES (20100210) | | STORM SEWER REMOVAL 30" (55101400) |
| | REMOVAL OF EXISTING CURB AND GUTTER (44000500) | | PIPE CULVERT REMOVAL (50105220) |
| | RELOCATE EXISTING MAILBOX | | CONTROLLED LOW-STRENGTH MATERIAL (59300100) |
| | FENCE REMOVAL (Z0022800) | | T.B.R.B.O. TO BE REMOVED BY OTHERS |

NOTES

- COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES. SEE MAINTENANCE OF TRAFFIC PLANS FOR MORE INFORMATION.
- INSTALL TEMP. FENCE AT LOCATIONS WHERE EX. FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS. TEMP FENCE SHALL BE 4' TALL CHAIN-LINK FENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



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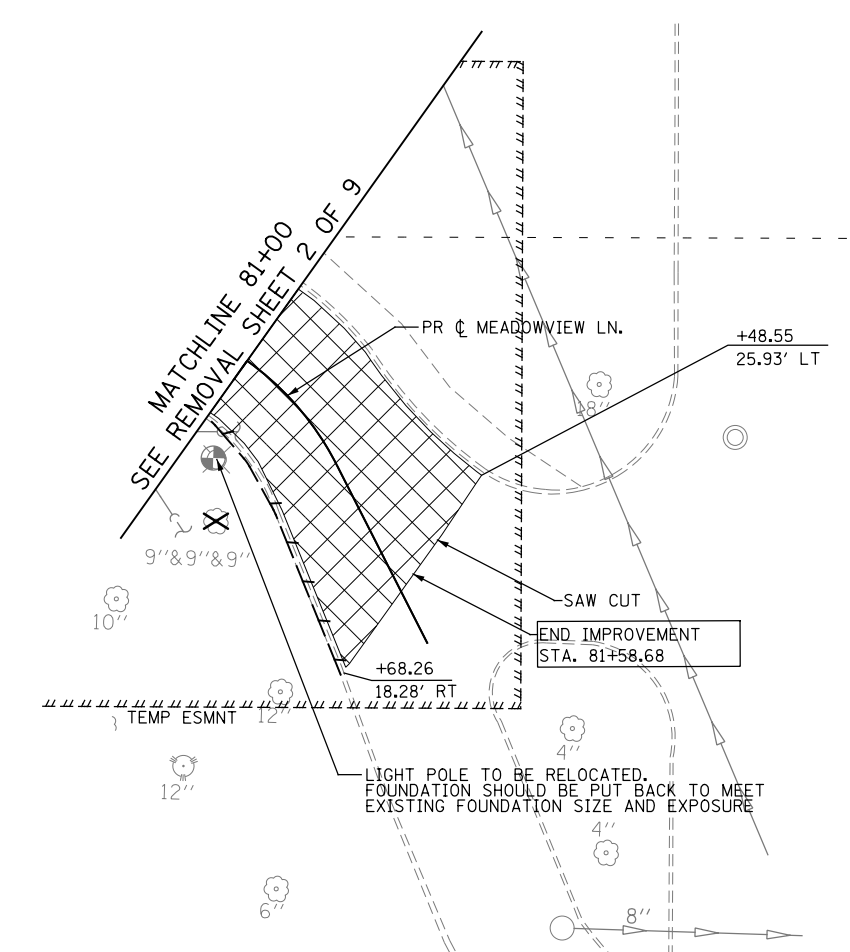
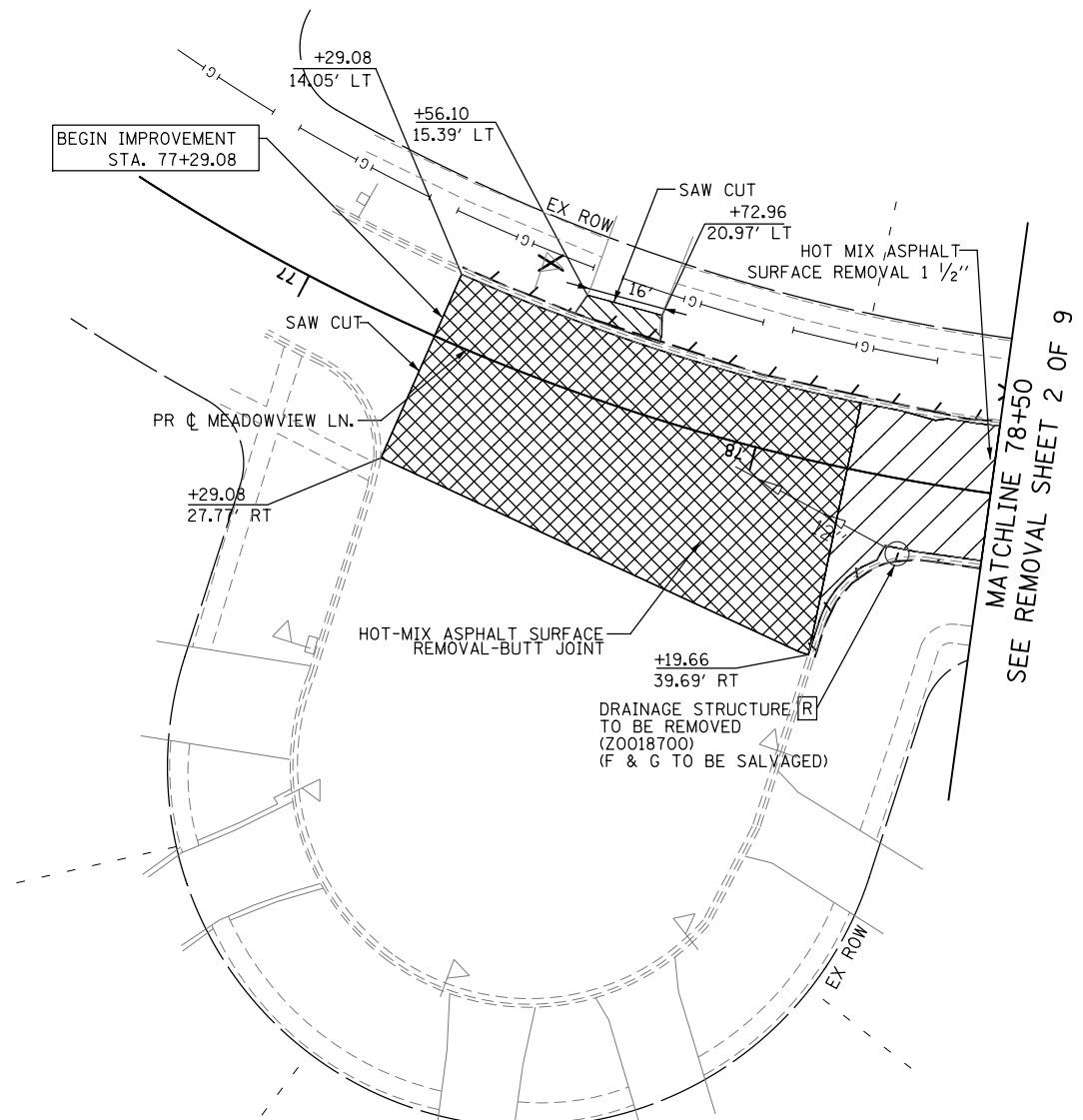
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PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-SEP-2021 17:29	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

SCALE: 1" = 20' SHEET NO. 8 OF 9 SHEETS STA. 2047+00.00 TO STA. 2053+00

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 43
CONTRACT NO. 61A96				ILLINOIS FED. AID PROJECT



LEGEND

- | | | | |
|--|---|--|---|
| | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (40600982) | | REMOVE FLARED END SECTION (X0322936) |
| | PAVEMENT REMOVAL (44000100) | | DRAINAGE STRUCTURE TO BE REMOVED (Z0018700) |
| | SIDEWALK REMOVAL (44000600) | | STORM SEWER REMOVAL 12" (55100500) |
| | DRIVEWAY PAVEMENT REMOVAL (44000200) | | STORM SEWER REMOVAL 15" (55100700) |
| | HOT MIX ASPHALT SURFACE REMOVAL 1 1/2" (44000155) | | STORM SEWER REMOVAL 18" (55100900) |
| | REMOVAL OF EXISTING TREES 6 TO 15 INCHES (20100110) | | STORM SEWER REMOVAL 30" (55101400) |
| | REMOVAL OF EXISTING TREES OVER 15 INCHES (20100210) | | PIPE CULVERT REMOVAL (50105220) |
| | REMOVAL OF EXISTING CURB AND GUTTER (44000500) | | CONTROLLED LOW-STRENGTH MATERIAL (59300100) |
| | RELOCATE EXISTING MAILBOX | | T.B.R.B.O. TO BE REMOVED BY OTHERS |
| | FENCE REMOVAL (Z0022800) | | |

NOTES

- COORDINATE EXISTING SIGN REMOVAL WITH STAGED CONSTRUCTION ACTIVITIES. SEE MAINTENANCE OF TRAFFIC PLANS FOR MORE INFORMATION.
- INSTALL TEMP. FENCE AT LOCATIONS WHERE EX. FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS. TEMP FENCE SHALL BE 4' TALL CHAIN-LINK FENCE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



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PLOT SCALE =	DRAWN - RSK	REVISED -
PLOT DATE = 29-SEP-2021 10:51	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MEADOWVIEW LN.
REMOVAL PLANS**

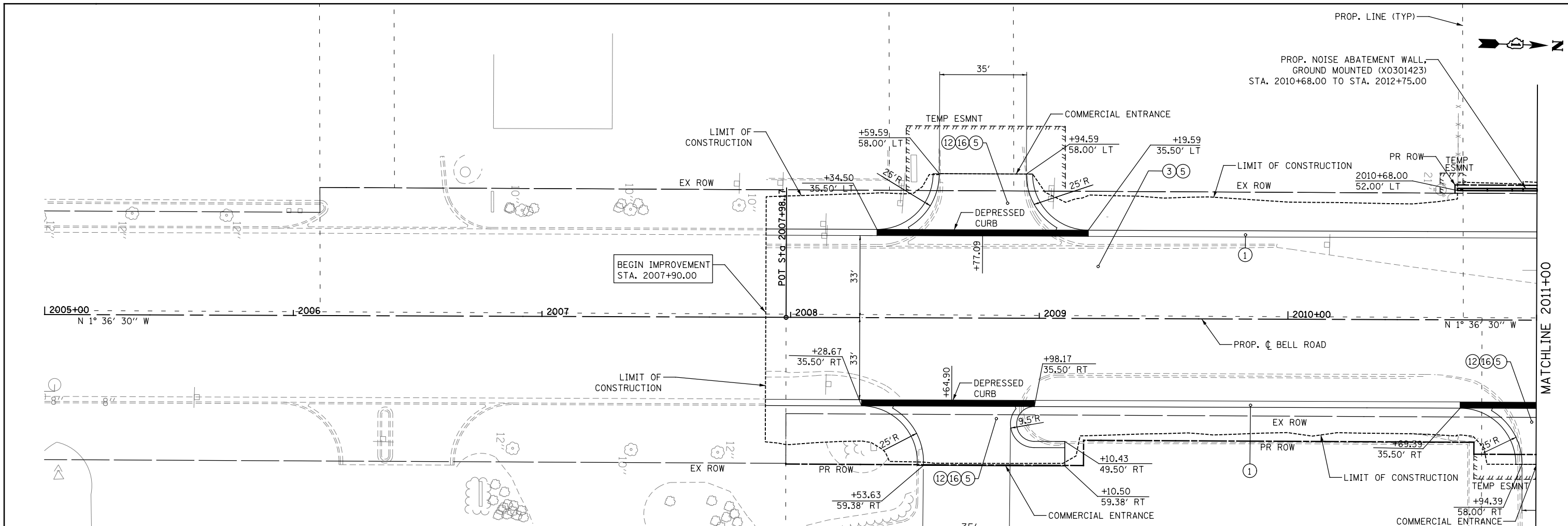
SCALE: 1" = 20' SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	44
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DESIGNED
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	NO.

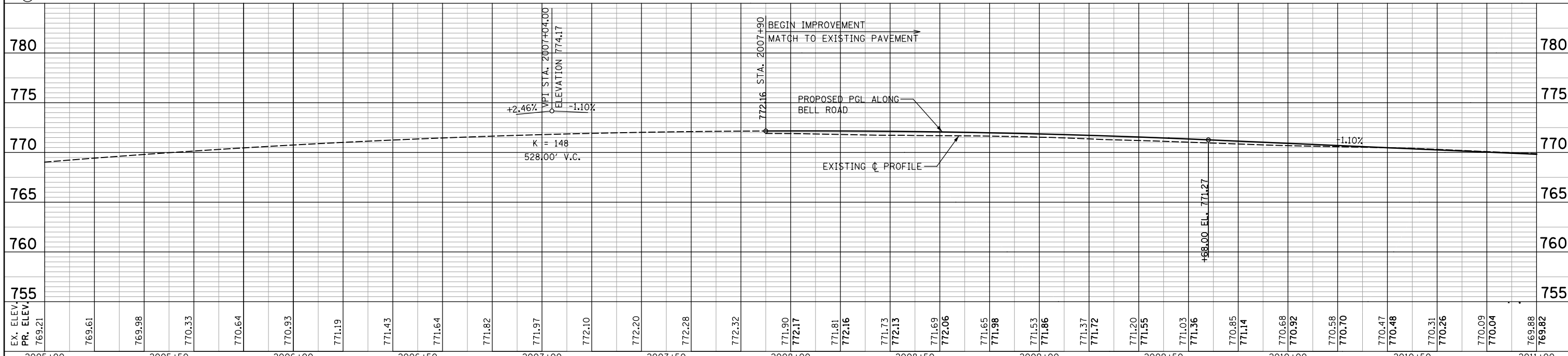
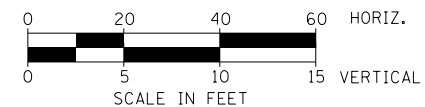
DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE
	NOTATIONS
	CHKD
	NO.

FILE NAME = T:\161912A Bell Road\161912A\Plans\Plan Profile\Profile Sheets\01 - sht.01 - p1.mxd.dgn



LEGEND

- ① COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
- ② PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200)
- ③ HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 13 1/2" (40701951)
- ④ CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
- ⑥ TOP SOIL PLACEMENT (SEE LANDSCAPING PLANS FOR FINISH)
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12 (60609200)
- ⑧ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)
- ⑨ HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1 1/2" (40604062)
- ⑩ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" (40604060)
- ⑪ CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
- ⑫ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2" (40604060)
- ⑬ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/2" (40603080)
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2 1/2" (40604060)
- ⑮ AGGREGATE BASE COURSE, TYPE B, 12" (35102400)
- ⑯ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 4" (40603080)



EX. ELEV.	769.21	769.61	769.98	770.33	770.64	770.93	771.19	771.43	771.64	771.82	771.97	772.10	772.20	772.28	772.32	771.90	772.17	771.81	772.16	771.73	772.13	771.69	772.06	771.65	771.98	771.53	771.86	771.37	771.72	771.20	771.55	771.03	771.36	770.85	771.14	770.68	770.92	770.58	770.70	770.47	770.48	770.31	770.26	770.09	770.04	769.88	769.82	
PR. ELEV.																																																
	2005+00		2005+50		2006+00		2006+50		2007+00		2007+50		2008+00		2008+50		2009+00		2009+50		2010+00		2010+50		2011+00																							



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-4180
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - MMS	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 20-APR-2022 14:37	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

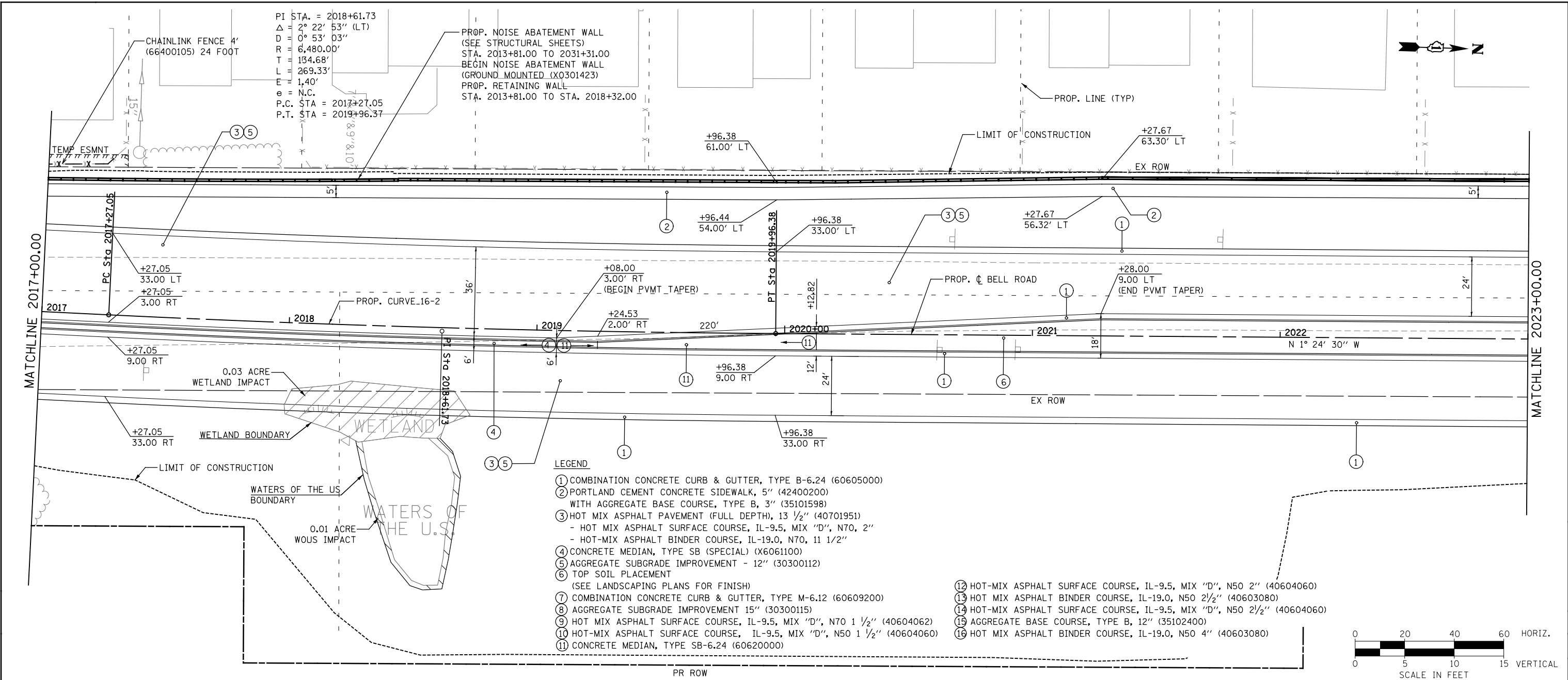
PLAN AND PROFILE
SCALE: 1" = 20'
SHEET NO. 1 OF 9 SHEETS
STA. 2005+00 TO STA 2011+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	45
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

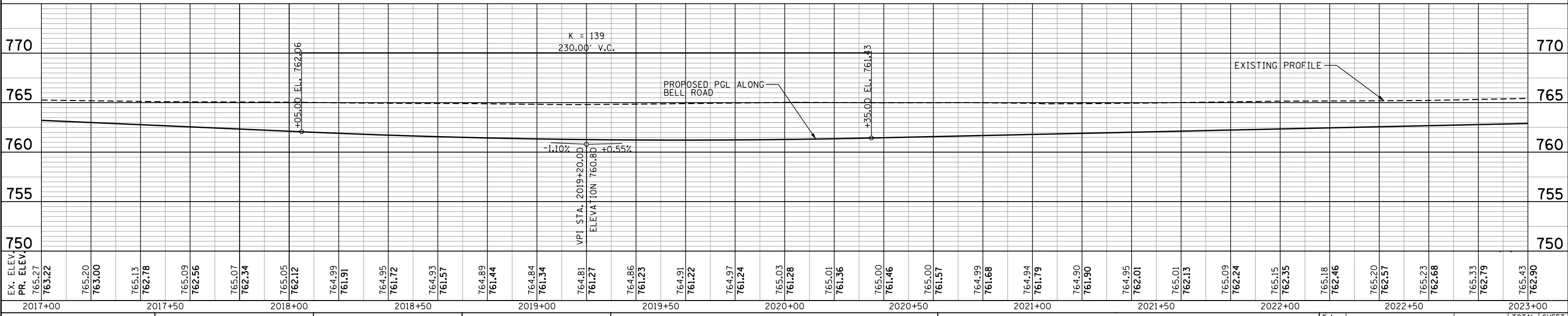
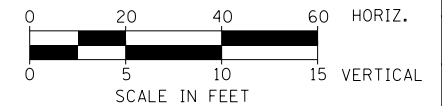
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	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	

FILE NAME = T:\161912A Bell Road\161912A\Plans\Plan Profile Sheets\01 - sht_03 - p1pr-f.dgn



- LEGEND**
- ① COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
 - ② PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200) WITH AGGREGATE BASE COURSE, TYPE B, 3" (35101598)
 - ③ HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 13 1/2" (40701951)
 - HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11 1/2"
 - ④ CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
 - ⑤ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
 - ⑥ TOP SOIL PLACEMENT (SEE LANDSCAPING PLANS FOR FINISH)
 - ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12 (60609200)
 - ⑧ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)
 - ⑨ HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1 1/2" (40604062)
 - ⑩ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" (40604060)
 - ⑪ CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
 - ⑫ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2" (40604060)
 - ⑬ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/2" (40603080)
 - ⑭ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2 1/2" (40604060)
 - ⑮ AGGREGATE BASE COURSE, TYPE B, 12" (35102400)
 - ⑯ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 4" (40603080)

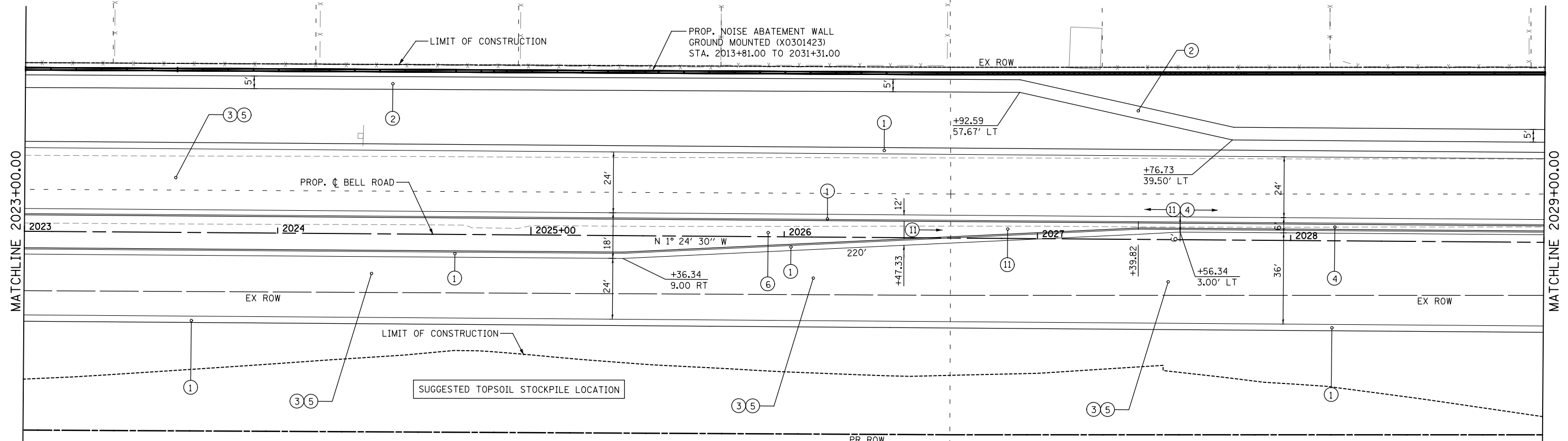


	USER NAME = USHA669697 DESIGNED - NSL DRAWN - MMS CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE		F.A. RTE. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96
	PLOT SCALE = PLOT DATE = 25-APR-2022 18:00	SCALE: 1" = 20' SHEET NO. 3 OF 9 SHEETS STA. 2017+00 TO STA 2023+00		TOTAL SHEETS 47 SHEET NO. 47 ILLINOIS FED. AID PROJECT		

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

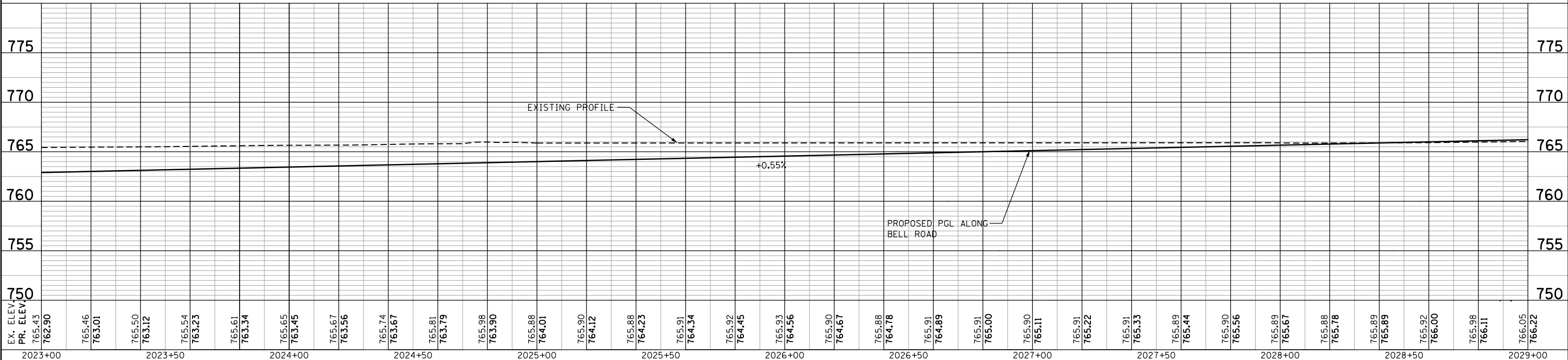
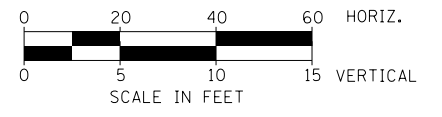
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NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	NOTATIONS CHKD

FILE NAME = T:\161912A Bell Road\Civil\Plans\Plan Profile Sheets\01 - sht_04 - p1pr-f.dgn



LEGEND

- ① COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
- ② PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200)
- ③ HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 13 1/2" (40701951)
 - HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 1 1/2"
- ④ CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
- ⑥ TOP SOIL PLACEMENT (SEE LANDSCAPING PLANS FOR FINISH)
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12 (60609200)
- ⑧ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)
- ⑨ HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1 1/2" (40604062)
- ⑩ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" (40604060)
- ⑪ CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
- ⑫ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2" (40604060)
- ⑬ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/2" (40603080)
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2 1/2" (40604060)
- ⑮ AGGREGATE BASE COURSE, TYPE B, 12" (35102400)
- ⑯ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 4" (40603080)



EX. ELEV. PR. ELEV.	762.90	763.01	763.12	763.23	763.34	763.45	763.56	763.67	763.79	763.90	764.01	764.12	764.23	764.34	764.45	764.56	764.67	764.78	764.89	765.00	765.11	765.22	765.33	765.44	765.56	765.67	765.78	765.89	766.00	766.11	766.22
	2023+00	2023+50	2024+00	2024+50	2025+00	2025+50	2026+00	2026+50	2027+00	2027+50	2028+00	2028+50	2029+00																		



USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - MMS	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-SEP-2021 17:29	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE

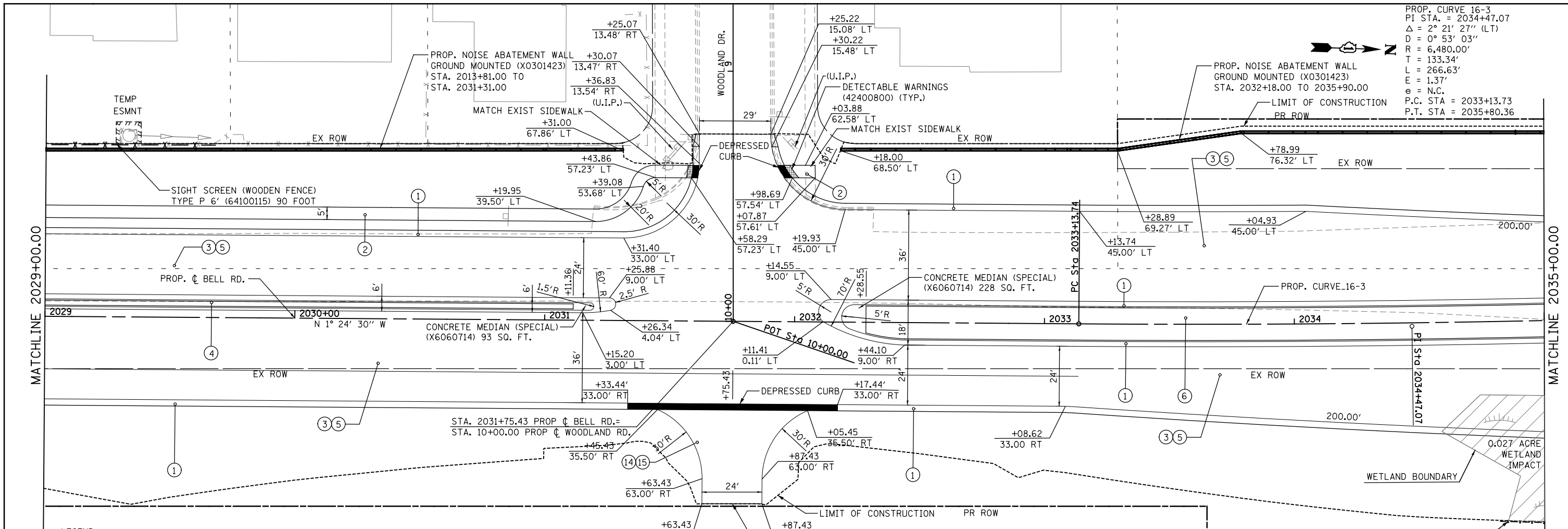
SCALE: 1" = 20' SHEET NO. 4 OF 9 SHEETS STA. 2023+00 TO STA 2029+00

F.A. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 48
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	NO.
	CHECKED	
	FILE NAME	

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

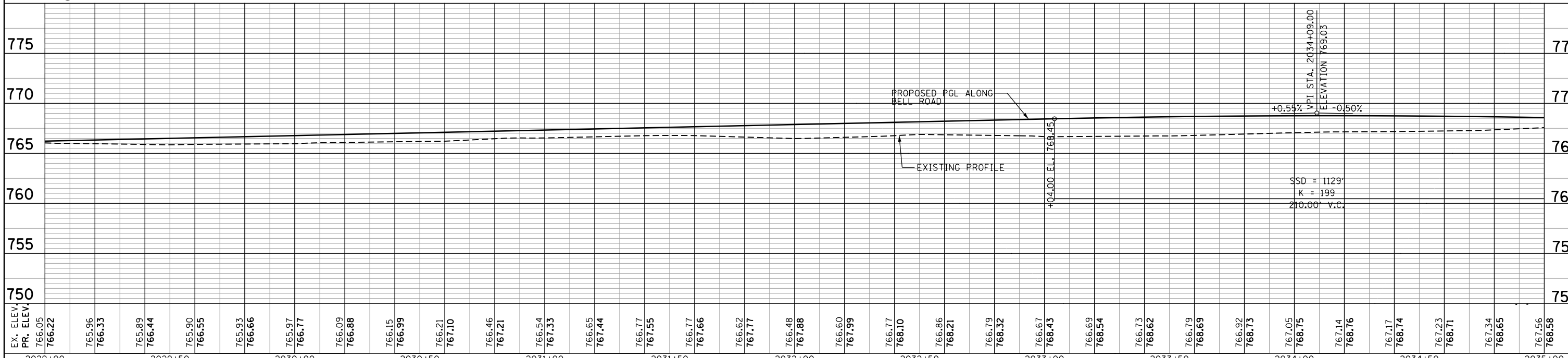
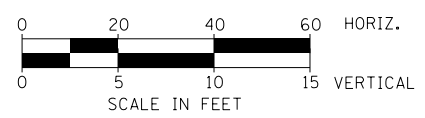
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PROP. CURVE 16-3
 PI STA. = 2034+47.07
 $\Delta = 2^\circ 21' 27''$ (LT)
 $D = 0^\circ 53' 03''$
 $R = 6,480.00'$
 $T = 133.34'$
 $L = 266.63'$
 $E = 1.37'$
 $\theta = N.C.$
 P.C. STA = 2033+13.73
 P.T. STA = 2035+80.36

LEGEND

- | | | |
|--|--|--|
| ① COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000) | ⑥ TOP SOIL PLACEMENT (SEE LANDSCAPING PLANS FOR FINISH) | ⑫ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2" (40604060) |
| ② PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200) WITH AGGREGATE BASE COURSE, TYPE B, 3" (35101598) | ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12 (60609200) | ⑬ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/2" (40603080) |
| ③ HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 13 1/2" (40701951)
- HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 1 1/2" | ⑧ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115) | ⑭ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2 1/2" (40604060) |
| ④ CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100) | ⑨ HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1 1/2" (40604062) | ⑮ AGGREGATE BASE COURSE, TYPE B, 12" (35102400) |
| ⑤ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112) | ⑩ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" (40604060) | ⑯ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 4" (40603080) |
| | ⑪ CONCRETE MEDIAN, TYPE SB-6.24 (60620000) | |



EX. ELEV. PR. ELEV.	766.05 766.22	765.96 766.33	765.89 766.44	765.90 766.55	765.93 766.66	765.97 766.77	766.09 766.88	766.15 766.99	766.21 767.10	766.46 767.21	766.54 767.33	766.65 767.44	766.77 767.55	766.77 767.66	766.62 767.77	766.48 767.88	766.60 767.99	766.77 768.10	766.86 768.21	766.79 768.32	766.67 768.43	766.69 768.54	766.73 768.62	766.79 768.69	766.92 768.73	767.05 768.75	767.14 768.76	767.17 768.74	767.23 768.71	767.34 768.65	767.56 768.58	
	2029+00	2029+50	2030+00	2030+50	2031+00	2031+50	2032+00	2032+50	2033+00	2033+50	2034+00	2034+50	2035+00																			



USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - MMS	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-APR-2022 16:55	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

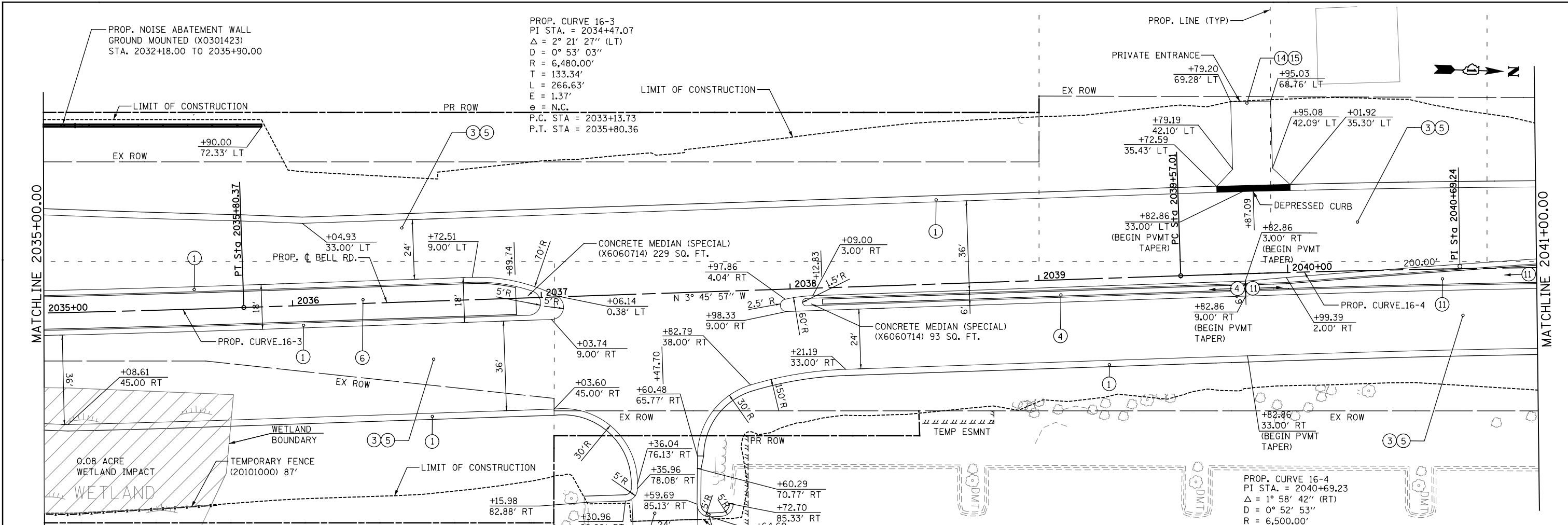
PLAN AND PROFILE
 SCALE: 1" = 20'
 SHEET NO. 5 OF 9 SHEETS
 STA. 2029+00 TO STA 2035+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	49
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

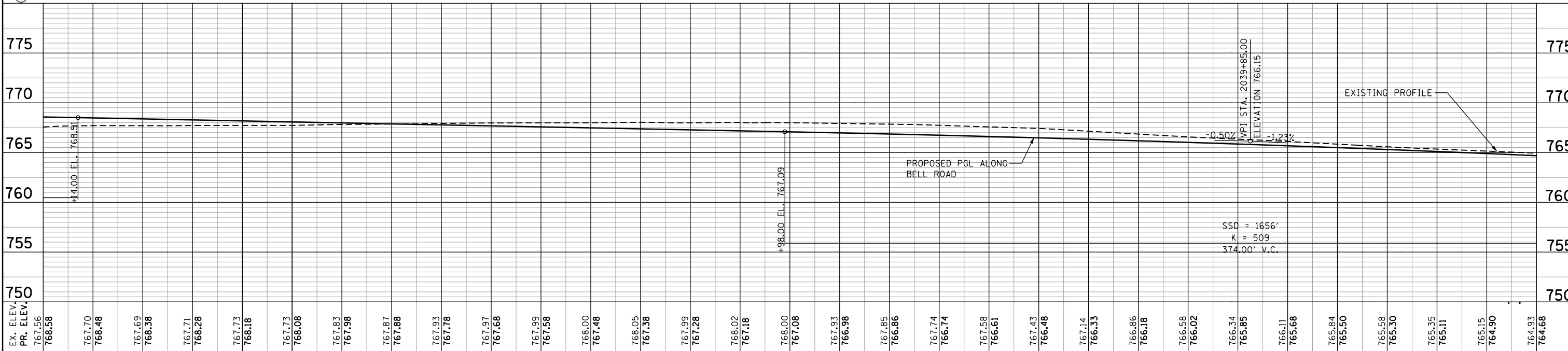
DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
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	FILED
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DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	CHKD
	NO.

FILE NAME = T:\161912A Bell Road\161912A\Plans\Plan Profile Sheets\01 - sht_06 - p1pr-f.dgn



- LEGEND**
- ① COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
 - ② PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200) WITH AGGREGATE BASE COURSE, TYPE B, 3" (35101598)
 - ③ HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 13 1/2" (40701951)
 - HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 1 1/2"
 - ④ CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
 - ⑤ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
 - ⑥ TOP SOIL PLACEMENT (SEE LANDSCAPING PLANS FOR FINISH)
 - ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12 (60609200)
 - ⑧ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)
 - ⑨ HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1 1/2" (40604062)
 - ⑩ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" (40604060)
 - ⑪ CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
 - ⑫ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2" (40604060)
 - ⑬ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/2" (40603080)
 - ⑭ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2 1/2" (40604060)
 - ⑮ AGGREGATE BASE COURSE, TYPE B, 12" (35102400)
 - ⑯ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 4" (40603080)

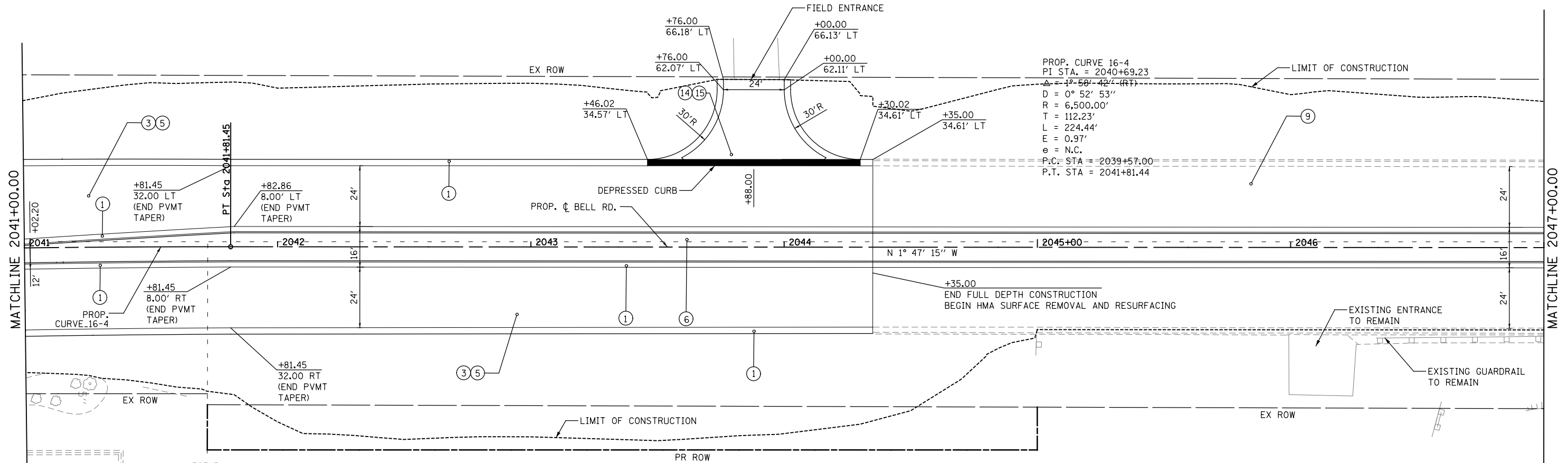


	USER NAME = USHA669697 DESIGNED - NSL DRAWN - MMS CHECKED - DVS DATE = 12-FEB-2021 14:04	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A. R.T.E. = 0356 SECTION = 99-00147-07-FP COUNTY = WILL CONTRACT NO. = 61A96	TOTAL SHEETS = 229 SHEET NO. = 50
	PLOT SCALE = PLOT DATE = 12-FEB-2021 14:04	DATE = 10/04/2021			SCALE: 1" = 20' SHEET NO. 6 OF 9 SHEETS STA. 2035+00 TO STA 2041+00	ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NO. _____	NO. _____
	FILE NAME	

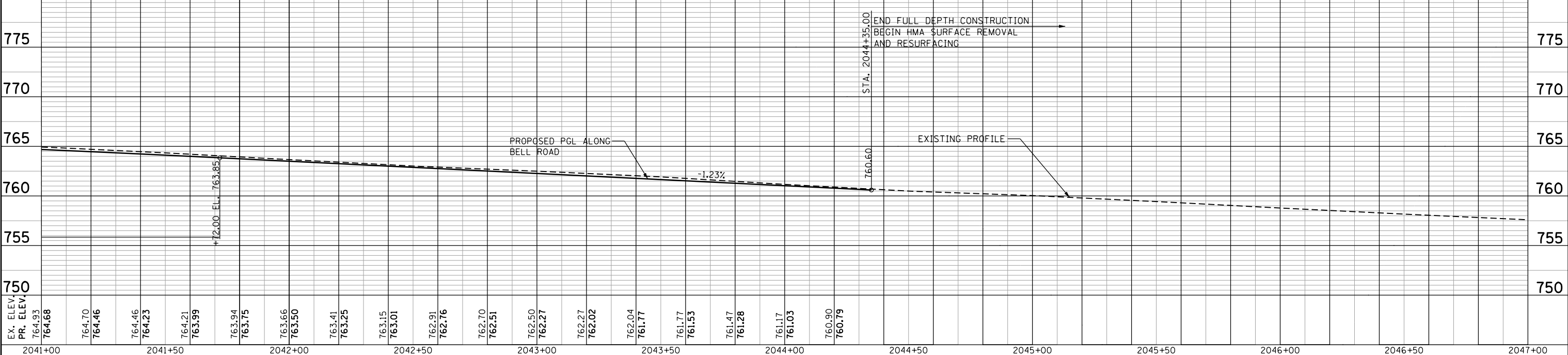
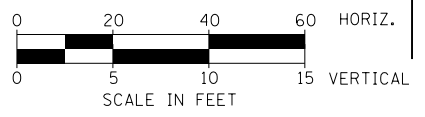
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	CHECKED
	NO. _____	NO. _____
	STRUCTURE NOTATIONS CHKD	

FILE NAME = T:\161912A Bell Road\civil\plans\Plan Profile Sheets\01 - sht_07 - p1pr-f.dwg



LEGEND

- ① COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
- ② PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200) WITH AGGREGATE BASE COURSE, TYPE B, 3" (35101598)
- ③ HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 13 1/2" (40701951)
 - HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 11 1/2"
- ④ CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
- ⑥ TOP SOIL PLACEMENT (SEE LANDSCAPING PLANS FOR FINISH)
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12 (60609200)
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- ⑨ HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1 1/2" (40604062)
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- ⑫ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2" (40604060)
- ⑬ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/2" (40603080)
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2 1/2" (40604060)
- ⑮ AGGREGATE BASE COURSE, TYPE B, 12" (35102400)
- ⑯ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 4" (40603080)

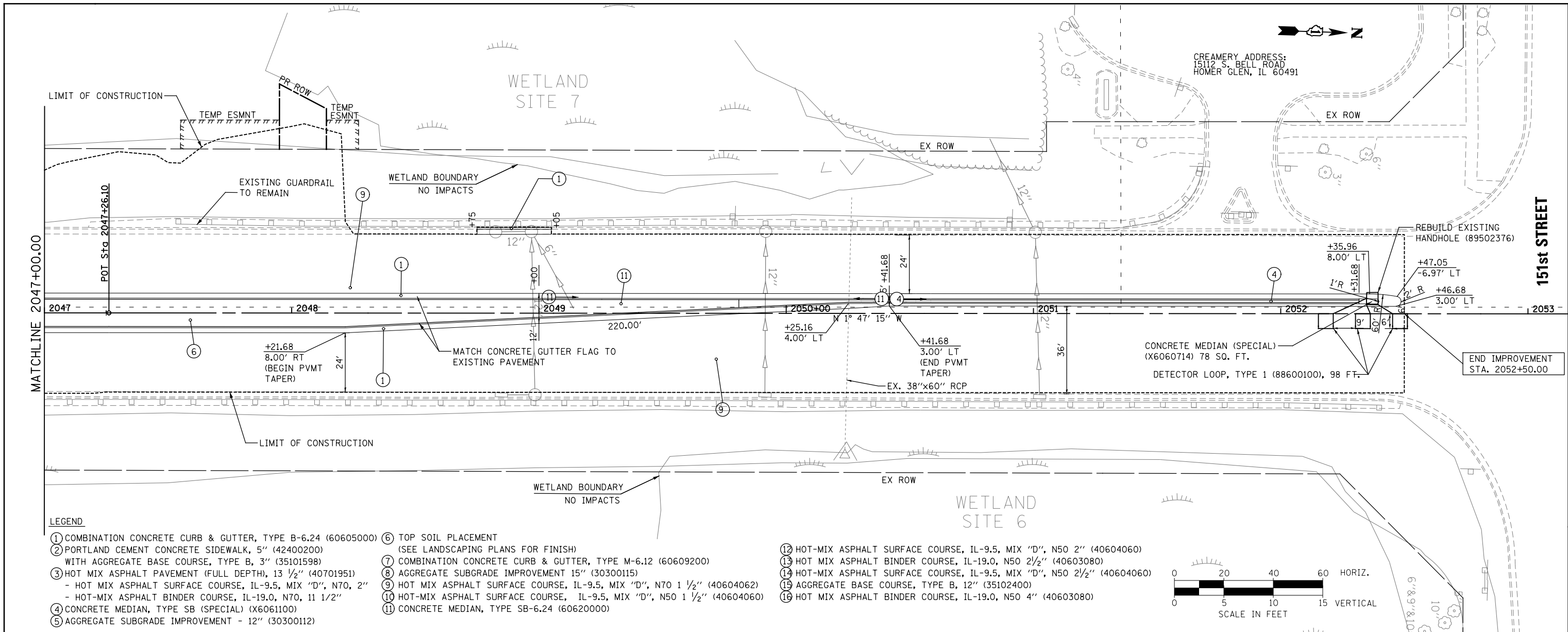


	USER NAME = USHA669697 DESIGNED - NSL DRAWN - MMS CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SCALE: 1" = 20' SHEET NO. 7 OF 9 SHEETS STA. 2041+00 TO STA 2047+00	F.A. RTE. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96	TOTAL SHEETS 229 SHEET NO. 51
	ILLINOIS FED. AID PROJECT					

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

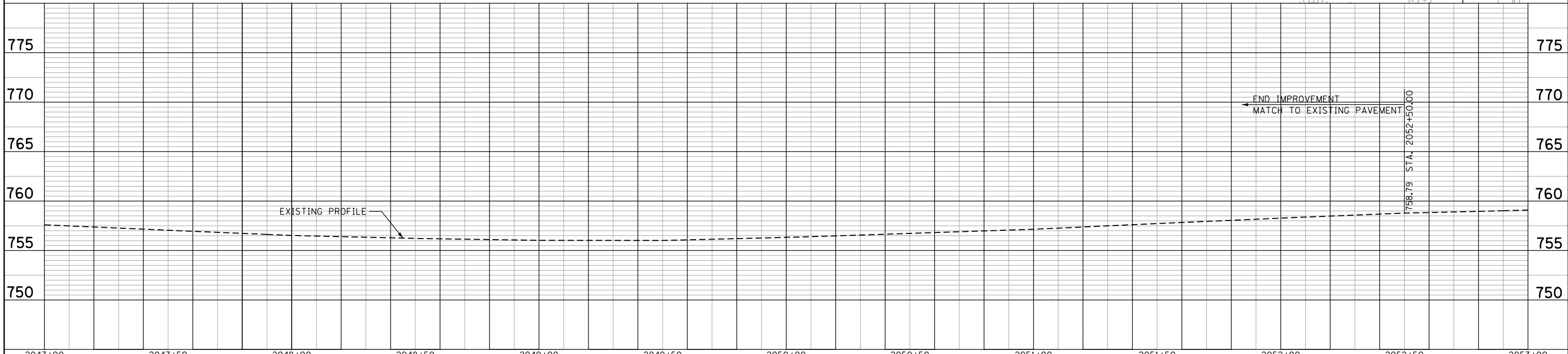
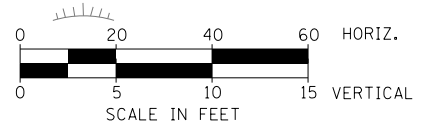
PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS	

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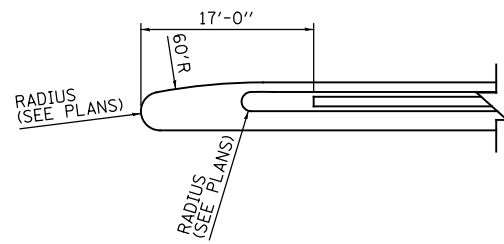


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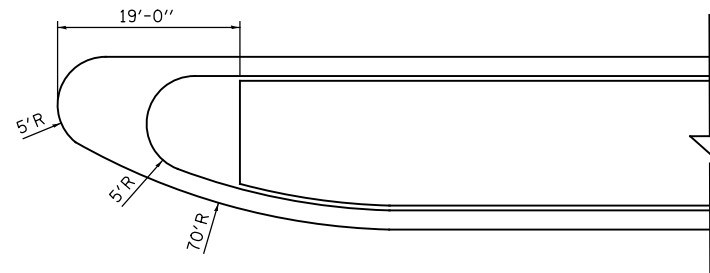
- ① COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)
- ② PORTLAND CEMENT CONCRETE SIDEWALK, 5" (42400200) WITH AGGREGATE BASE COURSE, TYPE B, 3" (35101598)
- ③ HOT MIX ASPHALT PAVEMENT (FULL DEPTH), 13 1/2" (40701951)
 - HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 1 1/2"
- ④ CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT - 12" (30300112)
- ⑥ TOP SOIL PLACEMENT (SEE LANDSCAPING PLANS FOR FINISH)
- ⑦ COMBINATION CONCRETE CURB & GUTTER, TYPE M-6.12 (60609200)
- ⑧ AGGREGATE SUBGRADE IMPROVEMENT 15" (30300115)
- ⑨ HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1 1/2" (40604062)
- ⑩ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1 1/2" (40604060)
- ⑪ CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
- ⑫ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2" (40604060)
- ⑬ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/2" (40603080)
- ⑭ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2 1/2" (40604060)
- ⑮ AGGREGATE BASE COURSE, TYPE B, 12" (35102400)
- ⑯ HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 4" (40603080)



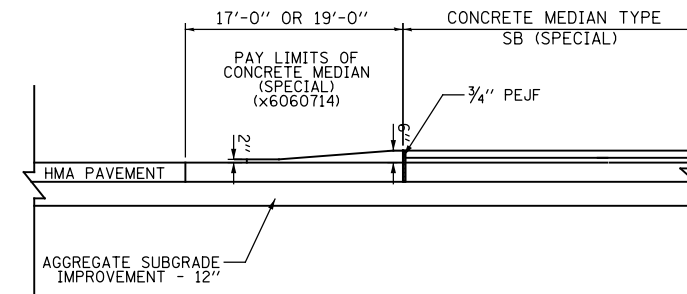
WSP	WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-4180 FAX: (312) 782-1884	USER NAME = USHA669697 DESIGNED - NSL DRAWN - MMS CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SCALE: 1" = 20' SHEET NO. 8 OF 9 SHEETS STA. 2047+00 TO STA 2053+00	F.A. RTE. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96	TOTAL SHEETS 52 SHEET NO. 229
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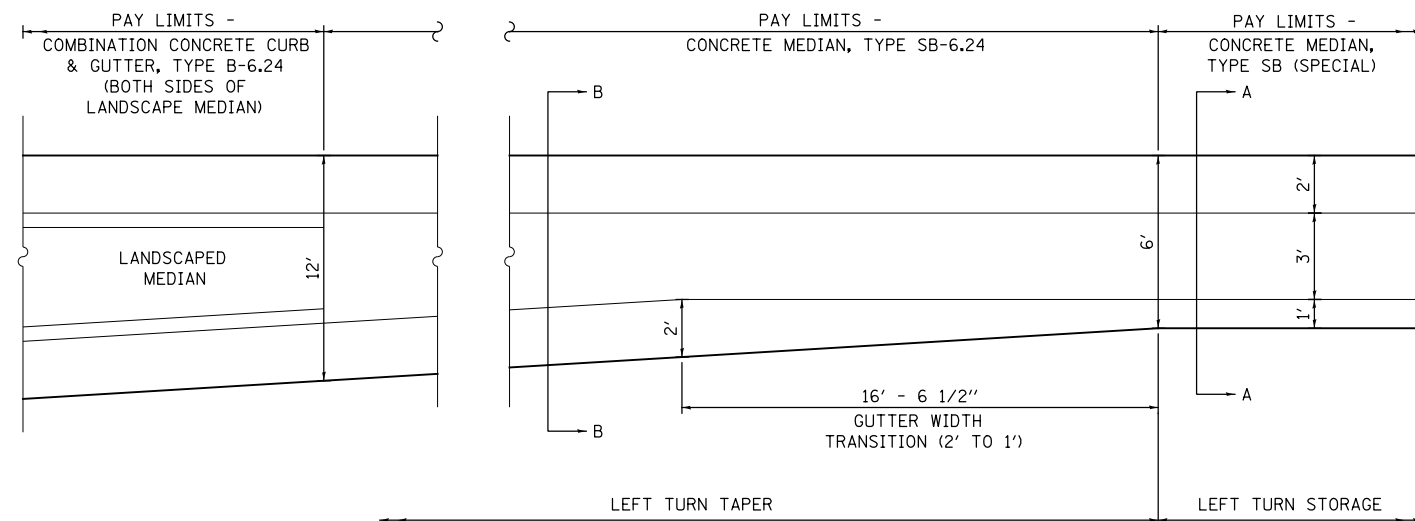
CONCRETE MEDIAN (SPECIAL) DETAIL
AT MEADOWVIEW LN, WOODLAND RD,
COMMERCIAL ENTRANCE AND 151ST STREET



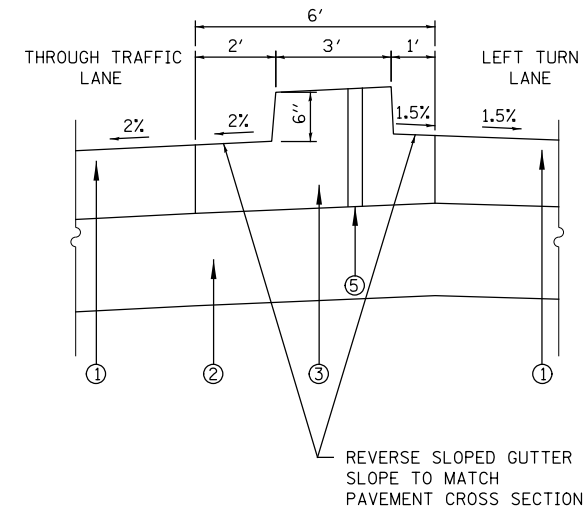
CONCRETE MEDIAN (SPECIAL) DETAIL
AT WOODLAND AND COMMERCIAL ENTRANCE



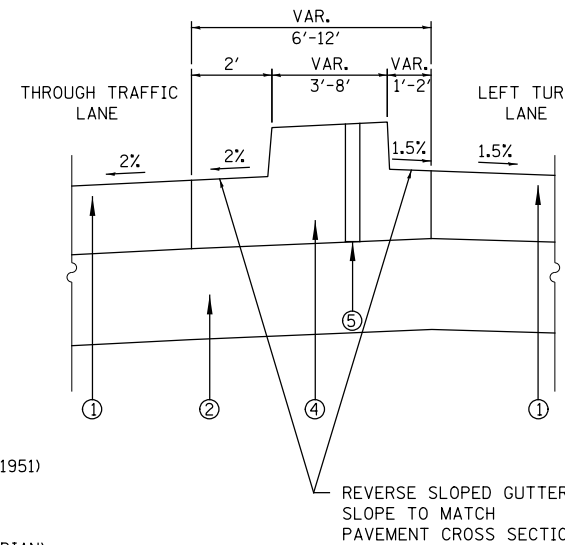
NOTE: SEE STANDARD "606301 PC CONCRETE ISLANDS AND MEDIANS" FOR ADDITIONAL DETAILS.



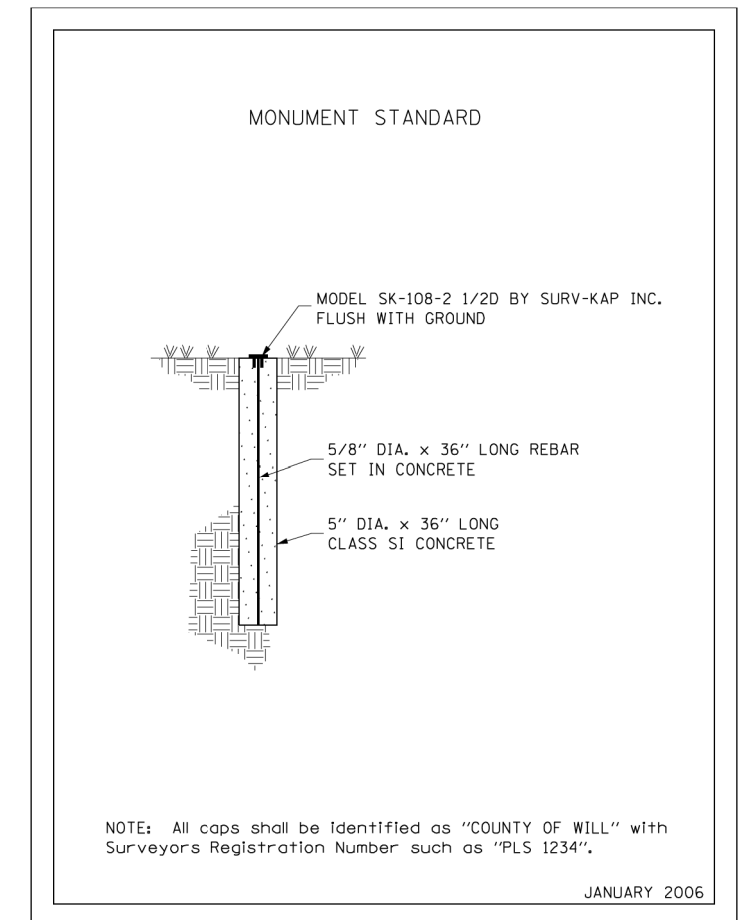
CONCRETE MEDIAN, TYPE SB-6.24 AND CONCRETE MEDIAN, TYPE SB-6 (SPECIAL) WILL BE POURED MONOLITHICALLY



SECTION A-A



SECTION B-B



JANUARY 2006

NOTES:
1. ANY SIGNS PLACED IN CONCRETE SHALL HAVE A 3" PVC SLEEVE. PVC SHALL MEET THE IDOT STANDARD AND WILL BE INCLUDED IN THE COST OF THE MEDIAN. SEE SIGNING PLANS FOR EXACT LOCATIONS.

- LEGEND
- ① HOT MIX ASPHALT pavement (full depth), 13 1/2" (40701951)
 - ② AGGREGATE subgrade improvement- 12" (30300112)
 - ③ CONCRETE MEDIAN, TYPE SB (SPECIAL) (X6061100)
 - ④ CONCRETE MEDIAN, TYPE SB-6.24 (60620000)
 - ⑤ 3" DIA PVC FOR SIGN POSTS, (INCLUDED IN COST OF MEDIAN)

FILE NAME = T:\106912A Bell Road\Civil\Plans\Plan Profile Sheets\01-ah.t.10 - road details.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
PLOT SCALE =	DRAWN - RSK	REVISED -
PLOT DATE = 21-SEP-2021 17:29	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	54
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

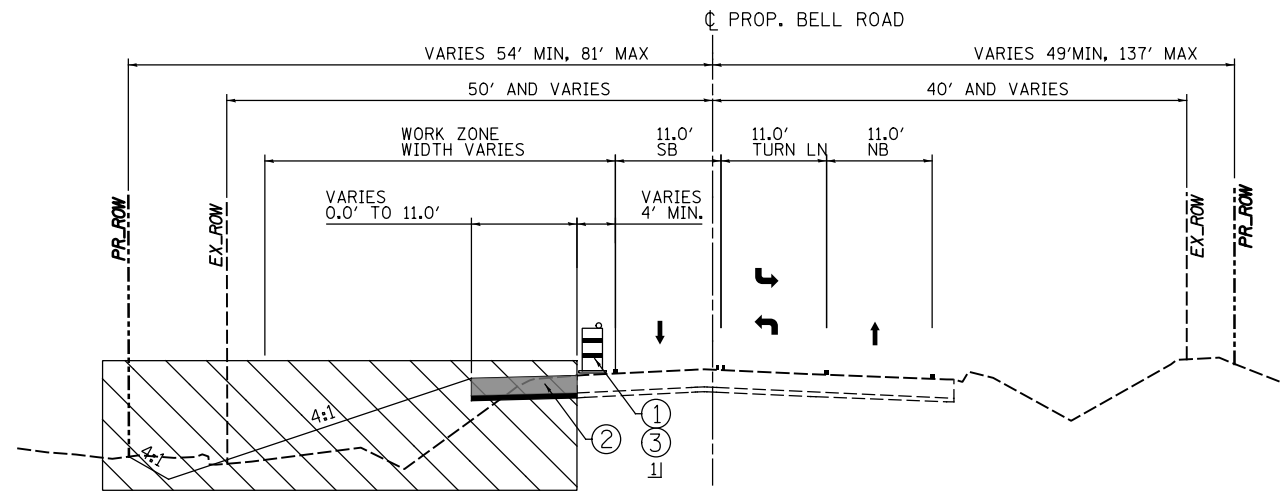
GENERAL NOTES

1. ANY DROP OFF GREATER THAN THREE INCHES WITHIN EIGHT FEET OF THE TRAVELED WAY, SHALL BE PROTECTED BY TYPE II BARRICADES (OR DRUMS) EQUIPPED WITH MONO- DIRECTIONAL STEADY-BURN LIGHTS SPACED AT 25 FOOT CENTERS, BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF THE IDOT HIGHWAY STANDARD.
2. A 37" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY CONCRETE BARRIER (TCB) WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 37" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER SHALL BE ANCHORED TO THE PAVEMENT IN ACCORDANCE WITH THE IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15. THIS WORK SHALL BE PAID FOR AS PINNING TEMPORARY CONCRETE BARRIER.
3. FLASHING ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES. ALL FLASHING ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITIES.
4. PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
5. IDOT TRAFFIC CONTROL STANDARDS LISTED BY REFERENCE ON SHEET 2 SHALL BE USED AS GUIDES IN IMPLEMENTING THE TRAFFIC CONTROL, INCLUDING SIGN LOCATIONS, FOR THE PROJECT.
6. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES DURING CONSTRUCTION OPERATIONS.
7. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AND SAFETY AT ALL TIMES TO BOTH SCHOOLS ON THE PROJECT, THIS INCLUDES MAINTAINING THE CROSS WALK STRIPING AT THE INTERSECTION OF BELL ROAD AND MEADOWVIEW LN. WITH THE ENTRANCE TO HOMER JUNIOR HIGH.
8. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE 11' THRU-LANE IN EACH DIRECTION FOR TWO-WAY TRAFFIC FLOW (UNLESS OTHERWISE SPECIFIED) ON BELL ROAD AT ALL TIMES. A MINIMUM OF 4' CLEARANCE SHALL BE MAINTAINED AT ALL TIMES BETWEEN TRAFFIC AND CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS.
9. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND NUMBERS OF THEIR REPRESENTATIVES ON THE CONSTRUCTION SITE PRIOR TO THE START OF WORK.
10. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, PLAN SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.
11. CHANGEABLE MESSAGE SIGN BOARDS SHALL BE INSTALLED TWO WEEKS PRIOR TO THE START OF CONSTRUCTION AS SHOWN ON THE PLANS IDENTIFYING THE BEGINNING DATES OF CONSTRUCTION AND ADDITIONAL INFORMATION SOURCES AS DIRECTED BY THE ENGINEER.
12. THE CONTRACTOR SHALL CONTACT THE WILL COUNTY DIVISION OF TRANSPORTATION TWO WORKING DAYS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
13. STAGE CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL CONFLICTING SIGNS, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS AND PERMANENT TRAFFIC CONTROL DEVICES HAVE BEEN REMOVED OR COVERED, AND ALL TEMPORARY TRAFFIC CONTROL MEASURES HAVE BEEN PLACED TO THE SATISFACTION OF THE ENGINEER.
14. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH EACH TRAFFIC CONTROL STAGE, AND SHALL BE PAID AS PAVEMENT MARKING REMOVAL- WATER BLASTING (78300202) AND RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (78300200) WHEN MARKINGS ARE ON PAVEMENT TO REMAIN.
15. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR 1 PLACEMENT AND 3 REPLACEMENTS HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT AFTER THE THIRD REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
16. THE FURNISHING, INSTALLATION AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAY (MUTCD), ILLINOIS SUPPLEMENT TO THE MUTCD, IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, CONTRACT SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
17. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER, THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION (SPECIAL).
18. THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNING. SIGNS SHALL BE ERECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION AND SHALL BE REMOVED OR COVERED WHEN PROTECTION IS NOT REQUIRED.
19. THE CONTRACTOR SHALL MAINTAIN EXISTING AND/OR PROPOSED DRAINAGE AND ROADWAY LIGHTING THROUGHOUT THE DURATION OF THE PROJECT.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRIERS, LABOR, SIGNS AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN SPECIAL PROVISIONS.
21. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, THE POST SHALL HAVE A 3" X 6" DELINEATOR INSTALLED.
22. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL RELEVANT PERMANENT PAVEMENT MARKINGS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED, DAMAGED, OR OTHERWISE AFFECTED BY CONSTRUCTION.
23. EXCAVATION AND PAVEMENT WIDENING ON BOTH SIDES OF THE PAVEMENT AT ANY LOCATION AT THE SAME TIME WILL NOT BE PERMITTED PER ARTICLE 701.08 OF THE IDOT SPECIAL PROVISIONS.
24. INSTALL TEMP. FENCE AT LOCATIONS WHERE EX FENCE HAS BEEN REMOVED AND NEW FENCE WILL NOT BE INSTALLED WITHIN 24 HOURS.
25. MOT SIGN W21-1a(0)-48 TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
26. THE CONTRACTOR SHALL COORDINATE THE BELL ROAD CONSTRUCTION SCHEDULE AND STAGING WITH THE RESPECTIVE UTILITIES, AGENCIES, SCHOOL DISTRICT, MUNICIPALITIES, AND ADJACENT CONSTRUCTION CONTRACTS PRIOR TO STARTING WORK AND THROUGHOUT THE DURATION OF THE CONTRACT.
27. THE CONTRACTOR SHALL PREPARE AND SUBMIT A PROPOSED CONSTRUCTION SCHEDULE THAT MUST BE APPROVED BY THE ENGINEER PRIOR TO STARTING WORK.
28. INCLUDE 'CAUTION NEW LANES OPEN STOP HERE' SIGN WHERE STAGING WILL RESULT IN LANES BEING OPENED CLOSER TO A SIDE STREET/DRIVEWAY TRAFFIC FOR A PERIOD OF 2 WEEKS UPON INITIATING THAT STAGE. SIGNS ARE PAID FOR AS TEMPORARY INFORMATION SIGNING.
29. USE VERTICAL PANELS AT 50' CENTERS ALONG TEMPORARY PAVEMENT IN ALL STAGES.
30. DRIVEWAY ENTRANCE SIGNING TO FOLLOW DISTRICT DETAIL TC-26 (TYP. TO ALL)
31. THE CONTRACTOR SHALL COORDINATE THE MOT AND STAGING WITH THE HOMER COMMUNITY CONSOLIDATED SCHOOL DISTRICT 33C (708-226-7600) SO THAT THE APPROPRIATE SAFETY MEASURES AND BUS ACCESS ARE SATISFIED THROUGHOUT THE DURATION OF CONSTRUCTION.
32. TEMPORARY DETOURS SHALL BE APPROVED BY THE ENGINEER AND INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

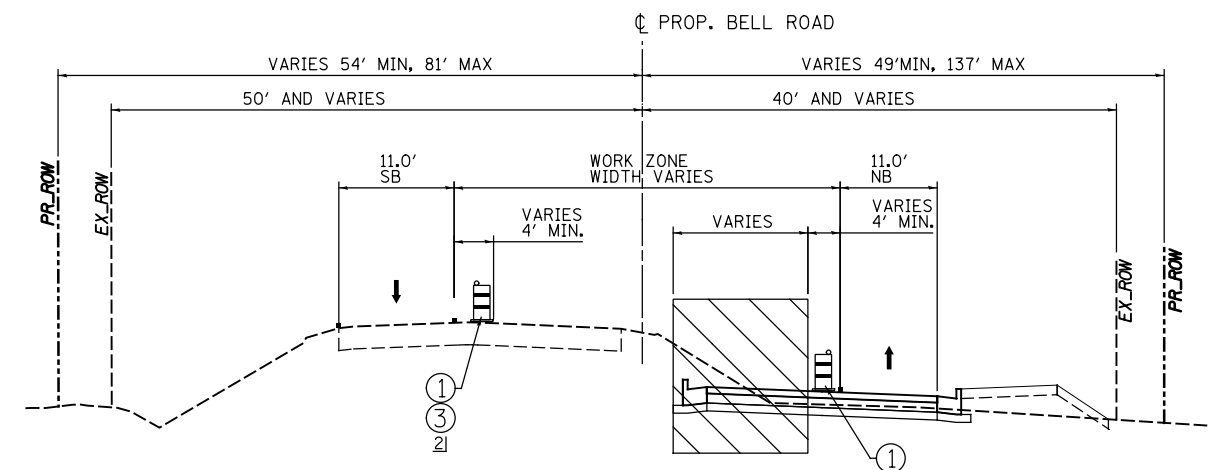
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 WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-8100 FAX: (312) 782-1884	USER NAME = USHA669697	DESIGNED - NSL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - DVS	REVISED -		SCALE: NONE	SHEET NO. 1 OF 12 SHEETS	STA. N/A	TO STA. N/A	0356	99-00147-07-FP	WILL	229
PLOT DATE = 03-NOV-2021 17:15	DATE - 10/04/2021	REVISED -							CONTRACT NO. 61A96 ILLINOIS FED. AID PROJECT			

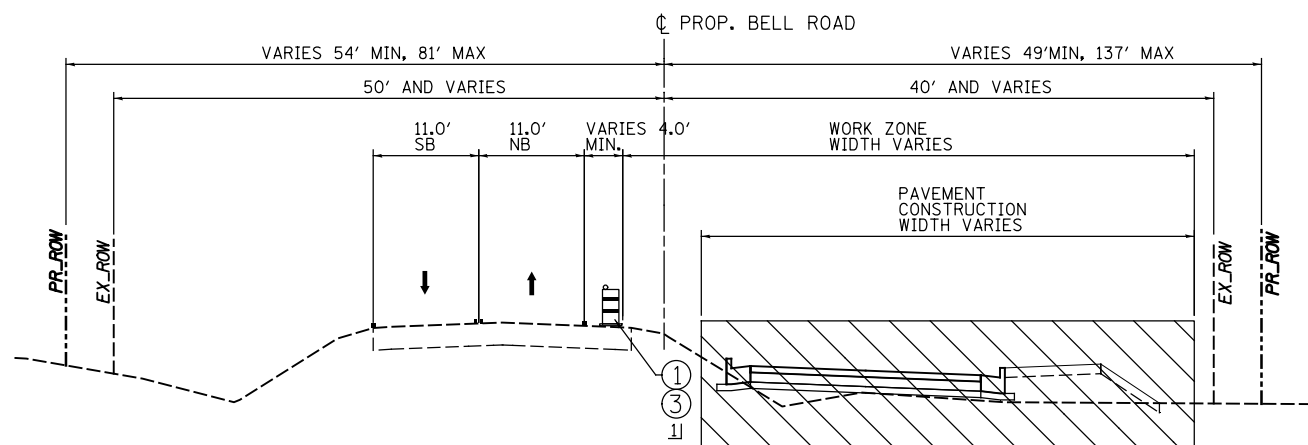
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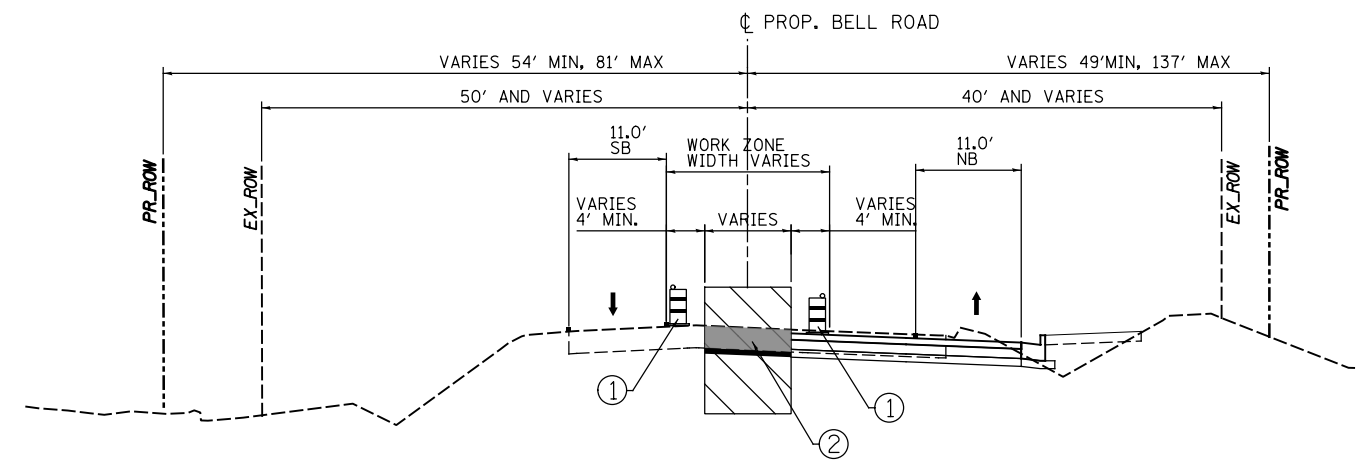
PRE-STAGING TYPICAL SECTION (STAGE 1)
STA. 2010+17.00 TO STA. 2020+90.00, BELL ROAD



STAGING TYPICAL SECTION (STAGE 2)
STA. 2007+90.00 TO STA. 2044+35.00, BELL ROAD



STAGING TYPICAL SECTION (STAGE 1)
STA. 2007+90.00 TO STA. 2044+35.00, BELL ROAD



PRE-STAGING TYPICAL SECTION (STAGE 3)
STA. 2013+71.00 TO STA. 2019+00.00, BELL ROAD

- 1) SEE STAGE 1 MOT FOR LOCATIONS OF DRUM OR TEMPORARY CONCRETE TRAFFIC BARRIER
- 2) SEE STAGE 2 MOT FOR LOCATIONS OF DRUM OR TEMPORARY CONCRETE TRAFFIC BARRIER

LEGEND

- CONSTRUCTION WORK ZONE
- ① DRUM OR TYPE II BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- ② TEMPORARY PAVEMENT, (HMA BINDER COURSE, IL-19.0, N50, 9")
- ③ TEMPORARY CONCRETE TRAFFIC BARRIER
- ↑ DIRECTION OF TRAFFIC



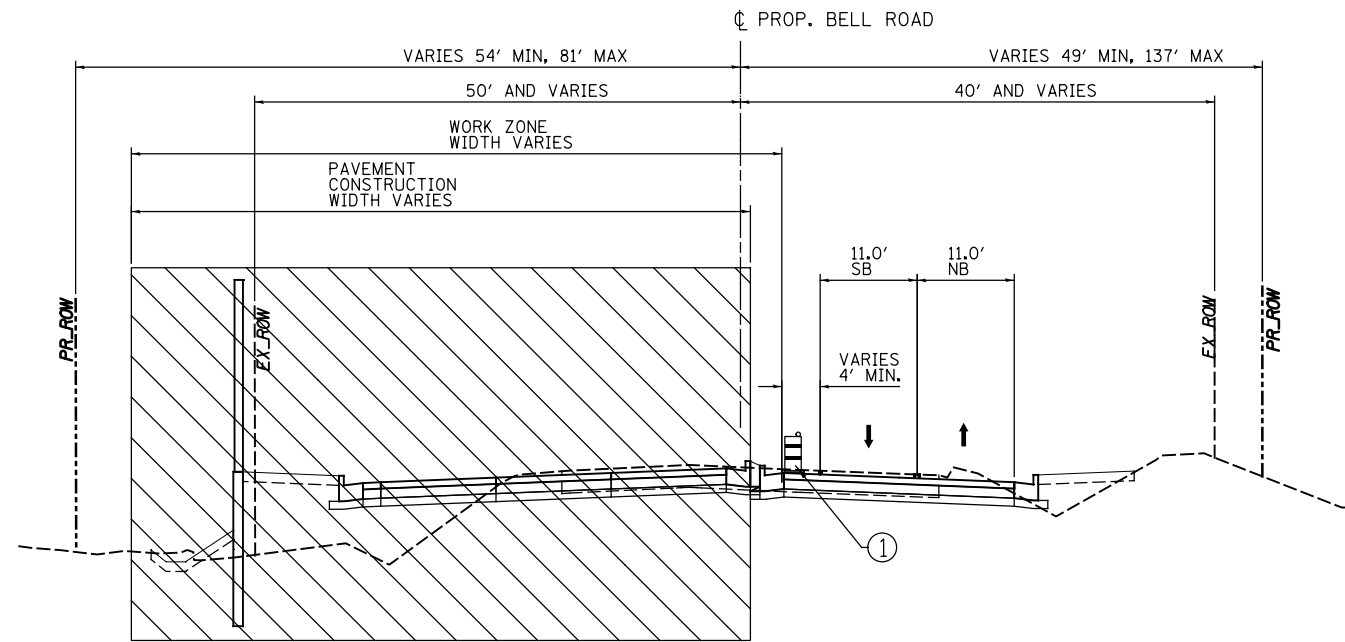
USER NAME = USHA669697	DESIGNED - NSL	REVISED -
WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-8100 FAX: (312) 782-1884	DRAWN - R.S.K.	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-SEP-2021 17:29	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

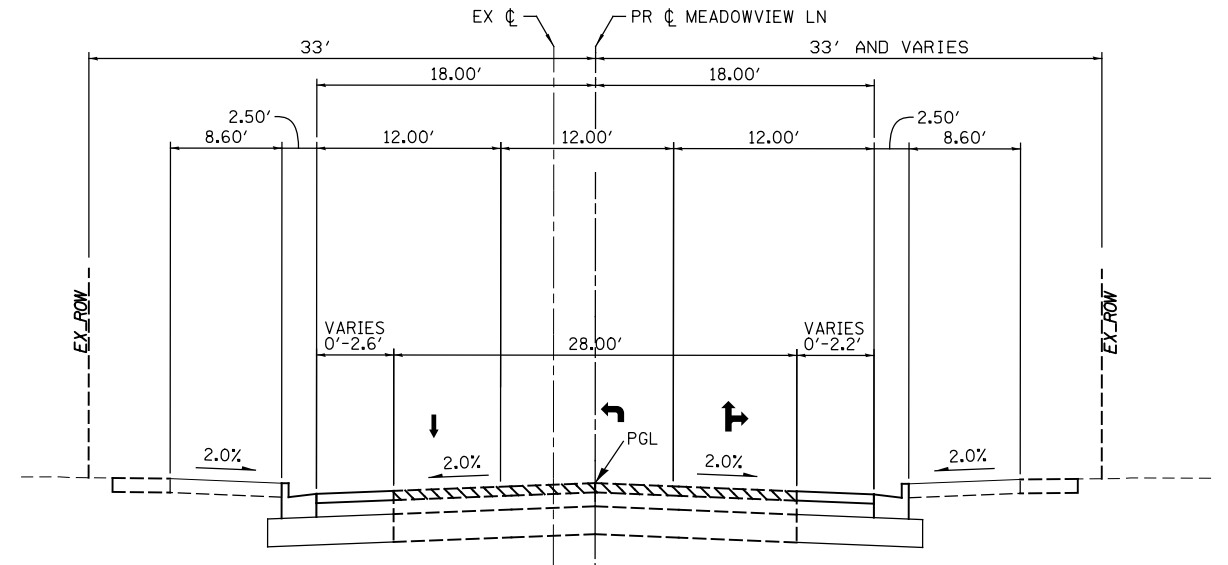
**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 3 OF 12 SHEETS STA. N/A TO STA. N/A

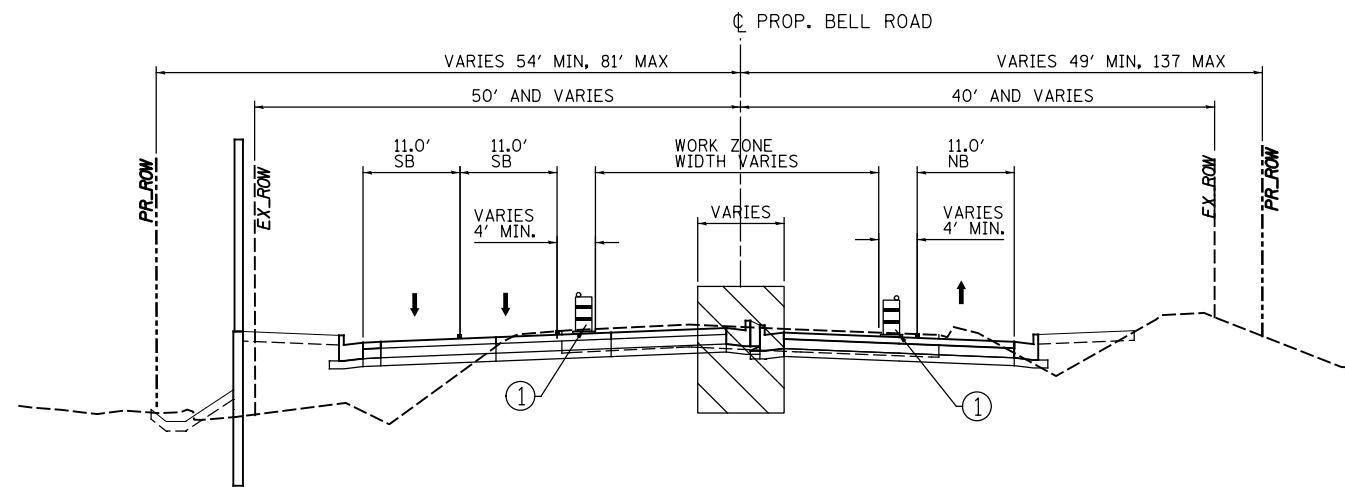
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0356	99-00147-07-FP	WILL	229	57
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	



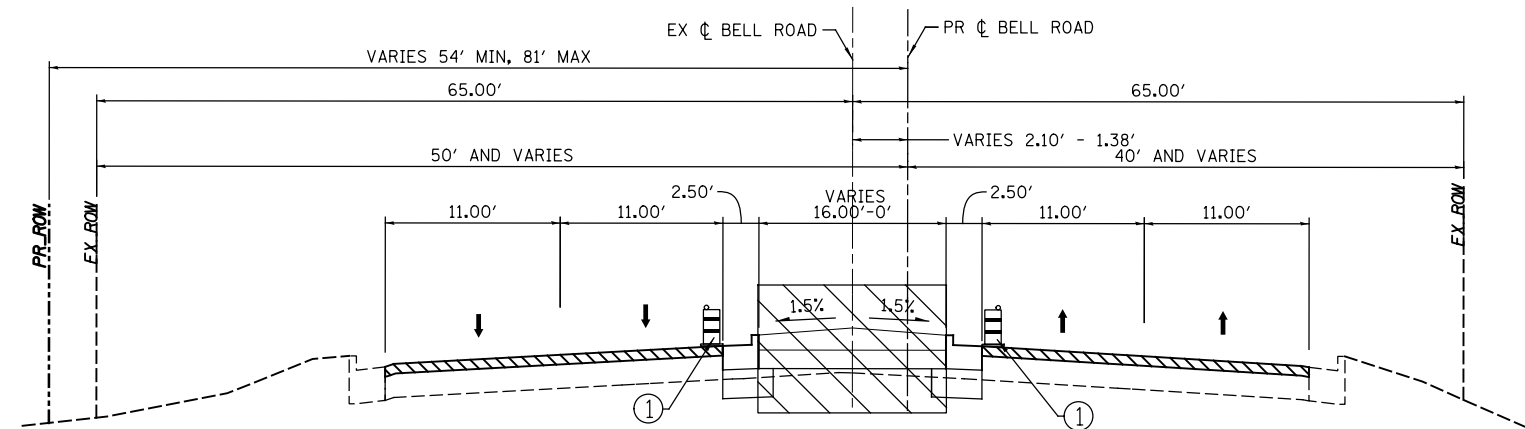
STAGING TYPICAL SECTION (STAGE 3)
 STA. 2007+90.00 TO STA. 2044+35.00, BELL ROAD



STAGING TYPICAL SECTION (STAGE 4)
 STA. 77+29.05 TO STA. 79+12.12, MEADOWVIEW LN

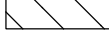


STAGING TYPICAL SECTION (STAGE 4)
 STA. 2013+71.00 TO STA. 2019+00.00, BELL ROAD



STAGING TYPICAL SECTION (STAGE 5)
 STA. 2044+35.00 TO STA. 2052+50.00, BELL ROAD

LEGEND

-  CONSTRUCTION WORK ZONE
- ① DRUM OR TYPE II BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- ② TEMPORARY PAVEMENT, (HMA BINDER COURSE, IL-19.0, N50, 9')
- ↑ DIRECTION OF FLOW

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 SUITE 400
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USER NAME = USHA669697	DESIGNED - NSL	REVISED -
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PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-SEP-2021 17:29	DATE - 10/04/2021	REVISED -

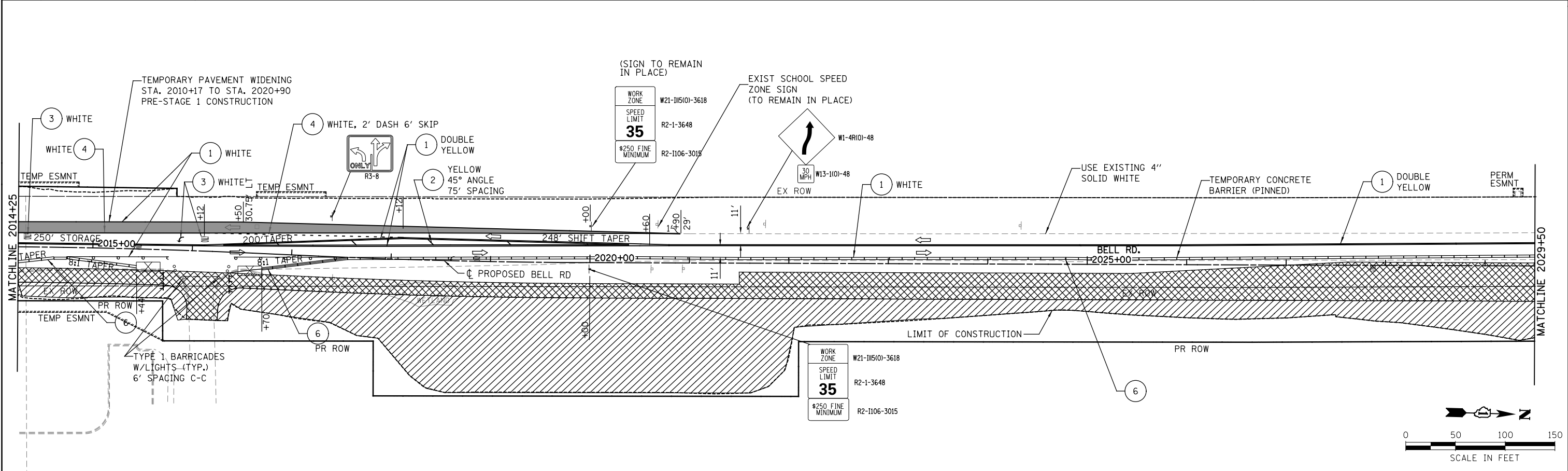
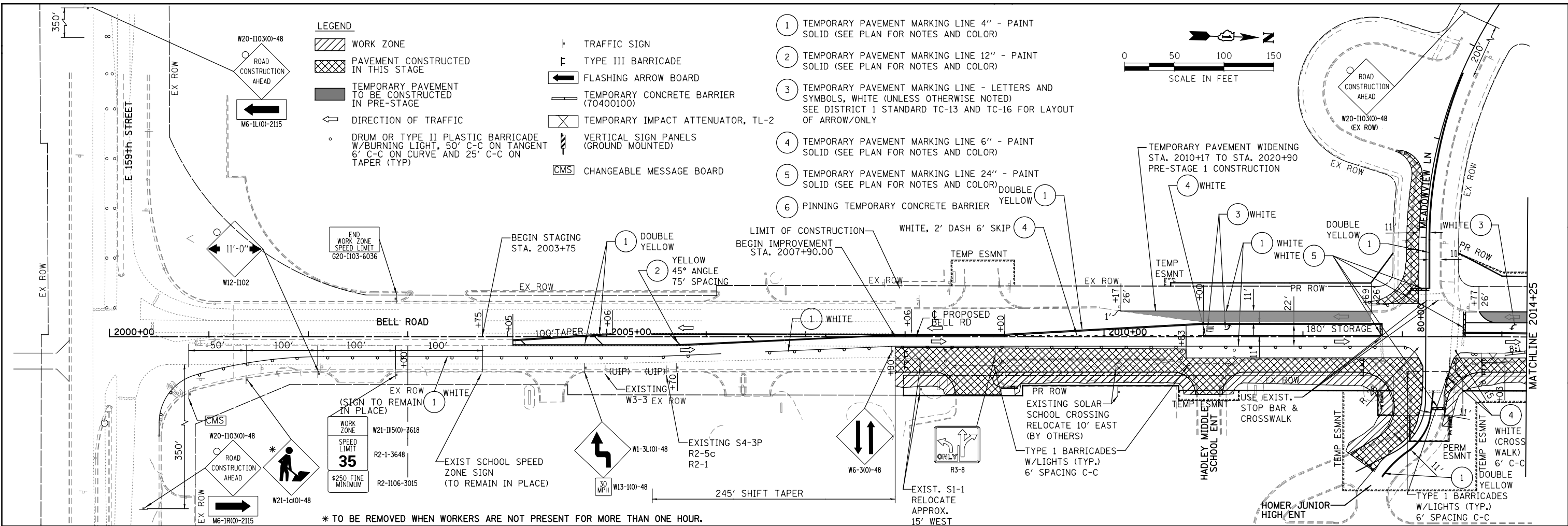
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 4 OF 12 SHEETS STA. N/A TO STA. N/A

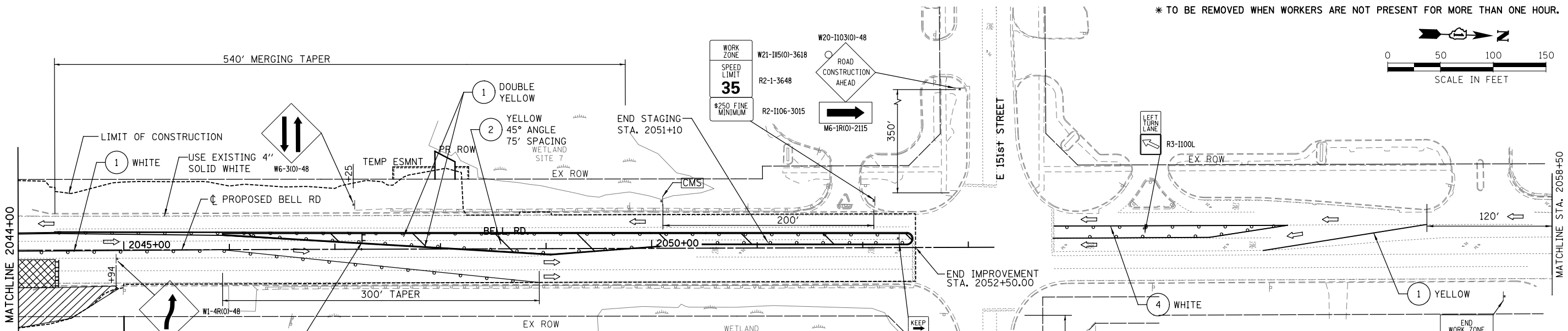
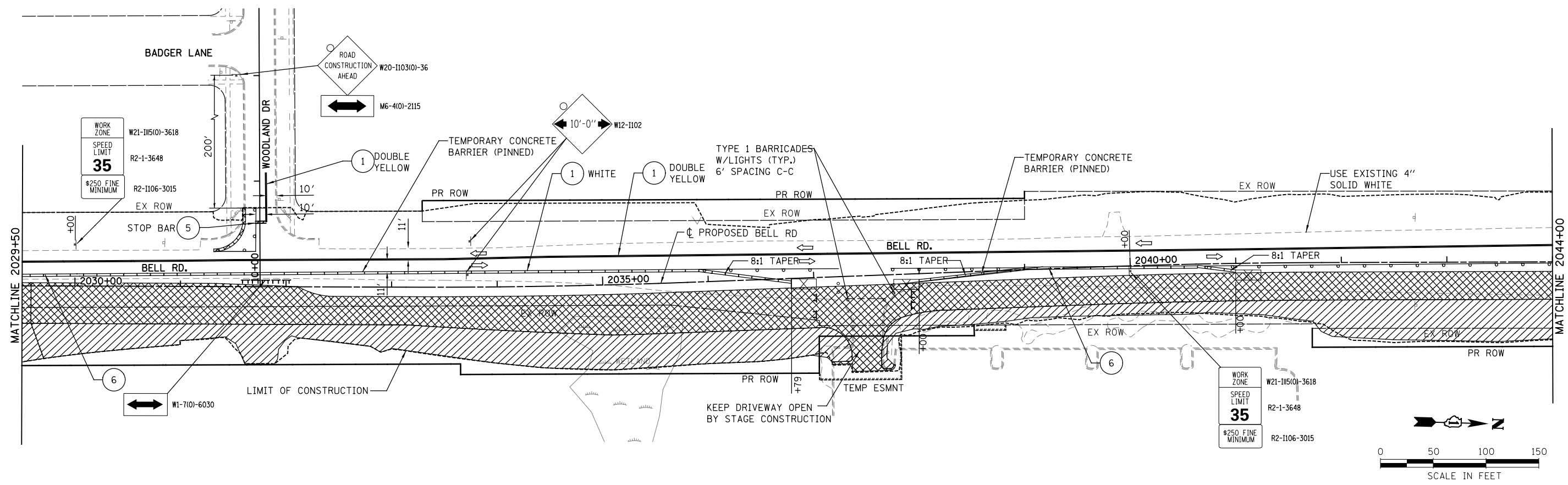
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	58
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

DRAWING NTS



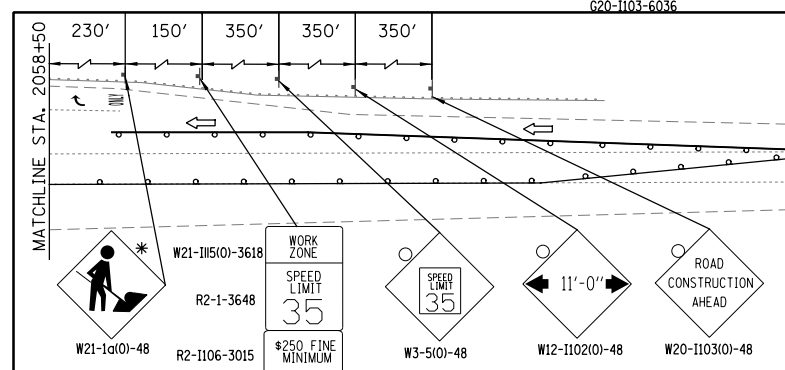
<p>WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-8100 FAX: (312) 782-1984</p>	USER NAME = USHA669697	DESIGNED - NSL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC BELL ROAD - STAGE 1		F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 59	
	PLOT SCALE =	CHECKED - DVS	REVISED -		SCALE: 1" = 50'	SHEET NO. 5 OF 12 SHEETS	STA. 2000+00 TO STA. 2029+50	CONTRACT NO. 61A96		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 20-APR-2022 14:35	DATE - 10/04/2021	REVISED -									

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- LEGEND**
- WORK ZONE
 - PAVEMENT CONSTRUCTED IN THIS STAGE
 - TEMPORARY PAVEMENT TO BE CONSTRUCTED IN PRE-STAGE
 - DIRECTION OF TRAFFIC
 - DRUM OR TYPE II PLASTIC BARRICADE W/BURNING LIGHT, 50' C-C ON TANGENT 6' C-C ON CURVE AND 25' C-C ON TAPER (TYP)
 - TRAFFIC SIGN
 - TYPE III BARRICADE
 - FLASHING ARROW BOARD
 - TEMPORARY CONCRETE BARRIER (70400100)
 - TEMPORARY IMPACT ATTENUATOR, TL-2
 - VERTICAL SIGN PANELS (GROUND MOUNTED)
 - CHANGEABLE MESSAGE BOARD

- 1 TEMPORARY PAVEMENT MARKING LINE 4" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 2 TEMPORARY PAVEMENT MARKING LINE 12" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 3 TEMPORARY PAVEMENT MARKING LINE - LETTERS AND SYMBOLS, WHITE (UNLESS OTHERWISE NOTED) SEE DISTRICT 1 STANDARD TC-13 AND TC-16 FOR LAYOUT OF ARROW/ONLY
- 4 TEMPORARY PAVEMENT MARKING LINE 6" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 5 TEMPORARY PAVEMENT MARKING LINE 24" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 6 PINNING TEMPORARY CONCRETE BARRIER



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SUITE 4000
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DESIGNED - NSL
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CHECKED - DVS
DATE - 10/04/2021

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**STATE OF ILLINOIS
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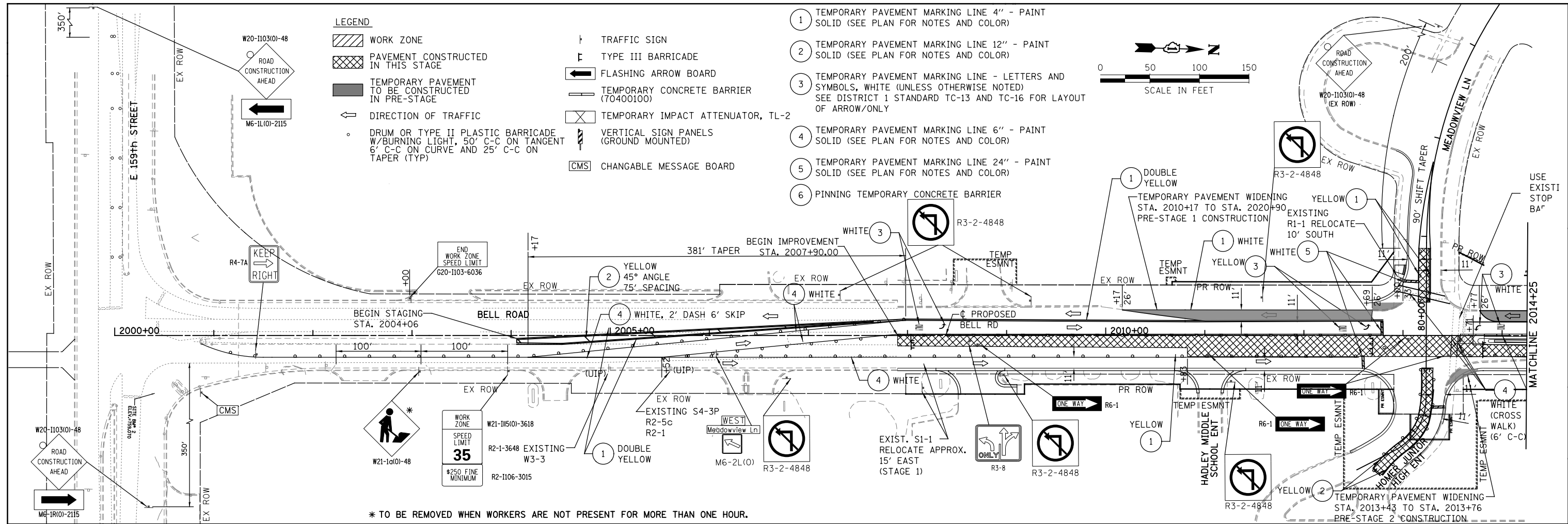
**MAINTENANCE OF TRAFFIC
BELL ROAD - STAGE 1**

SCALE: 1" = 50' SHEET NO. 6 OF 12 SHEETS STA. 2029+50 TO STA. 2053+00

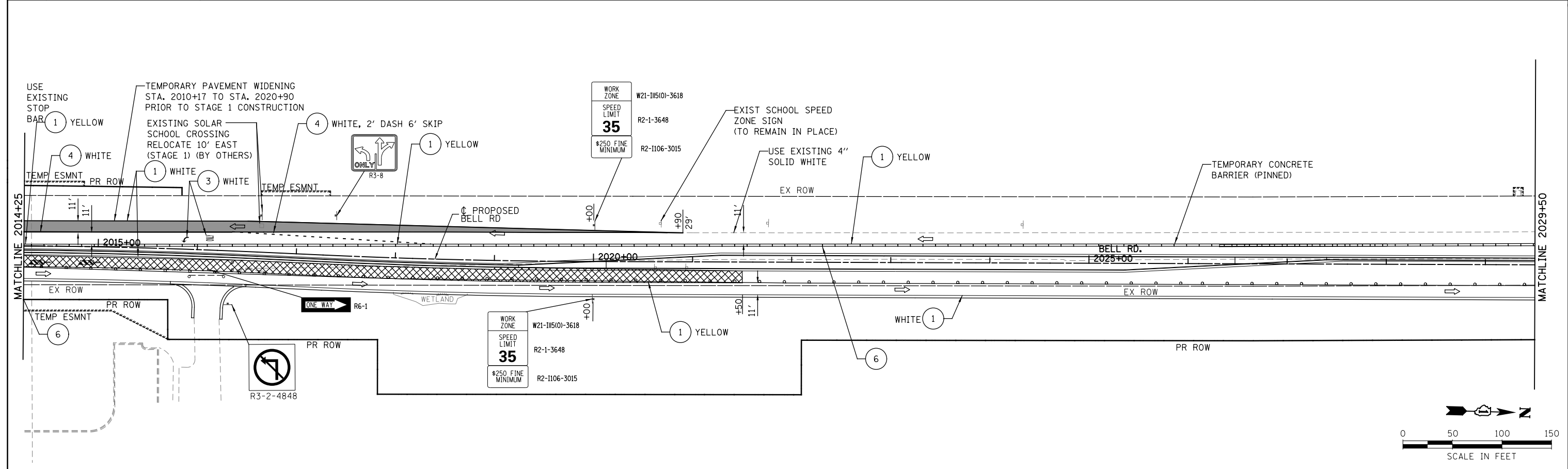
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	60
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

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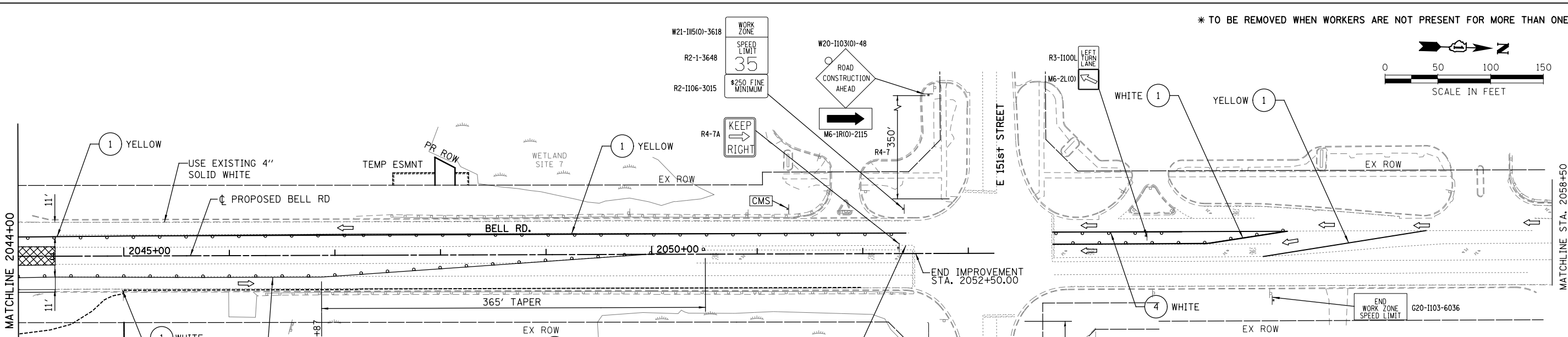
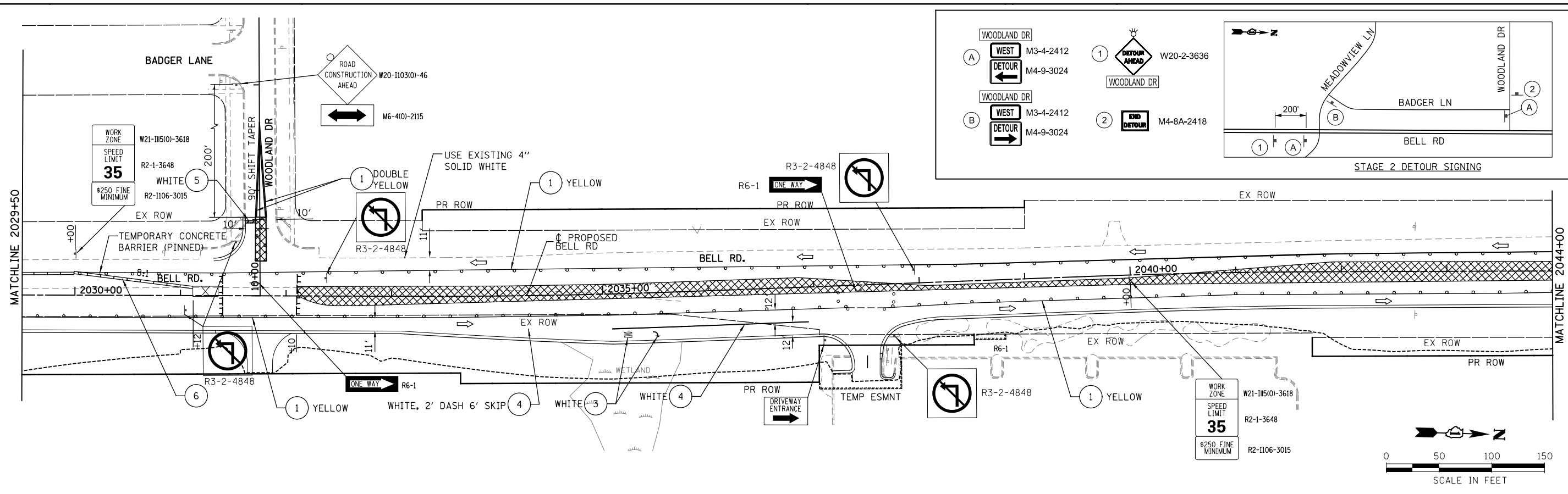
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PLOT DATE = 20-APR-2022 14:36	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
BELL ROAD - STAGE 2**

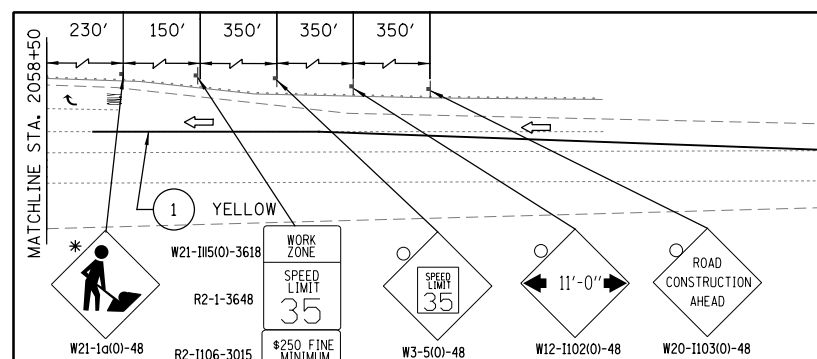
SCALE: 1" = 50' SHEET NO. 7 OF 12 SHEETS STA. 2000+00 TO STA. 2029+50

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 61
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	



- LEGEND**
- WORK ZONE
 - PAVEMENT CONSTRUCTED IN THIS STAGE
 - TEMPORARY PAVEMENT TO BE CONSTRUCTED IN PRE-STAGE
 - DIRECTION OF TRAFFIC
 - DRUM OR TYPE II PLASTIC BARRICADE W/ BURNING LIGHT, 50' C-C ON TANGENT 6' C-C ON CURVE AND 25' C-C ON TAPER (TYP)
 - TRAFFIC SIGN
 - TYPE III BARRICADE
 - FLASHING ARROW BOARD
 - TEMPORARY CONCRETE BARRIER (70400100)
 - TEMPORARY IMPACT ATTENUATOR, TL-2
 - VERTICAL SIGN PANELS (GROUND MOUNTED)
 - CHANGABLE MESSAGE BOARD

- ① TEMPORARY PAVEMENT MARKING LINE 4" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR) END STAGING STA. 2052+40
- ② TEMPORARY PAVEMENT MARKING LINE 12" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- ③ TEMPORARY PAVEMENT MARKING LINE - LETTERS AND SYMBOLS, WHITE (UNLESS OTHERWISE NOTED) SEE DISTRICT 1 STANDARD TC-13 AND TC-16 FOR LAYOUT OF ARROW/ONLY
- ④ TEMPORARY PAVEMENT MARKING LINE 6" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- ⑤ TEMPORARY PAVEMENT MARKING LINE 24" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- ⑥ PINNING TEMPORARY CONCRETE BARRIER



FILE NAME = T:\16912A Bell Road\Civil\Plans\MOT\01 - stage2-ph1.02.dgn



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30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
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FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
PLOT SCALE =	DRAWN - RSK	REVISED -
PLOT DATE = 16-DEC-2021 15:51	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
BELL ROAD - STAGE 2**

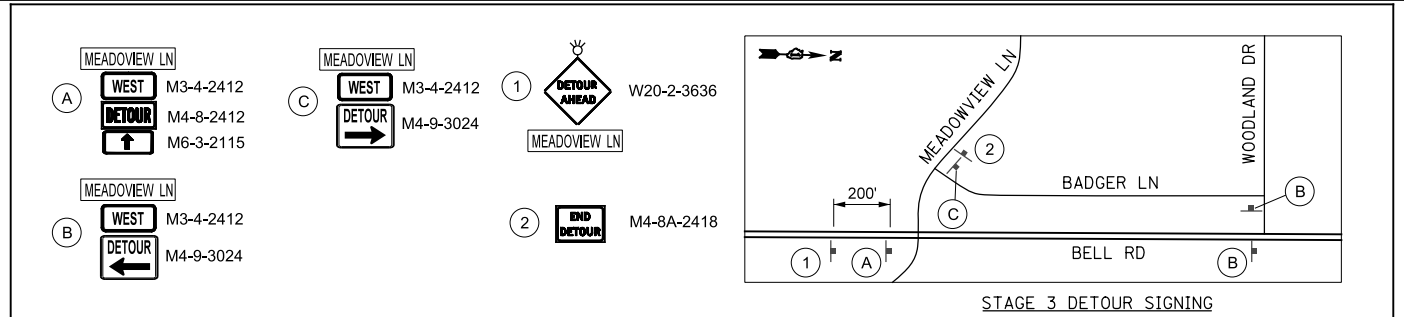
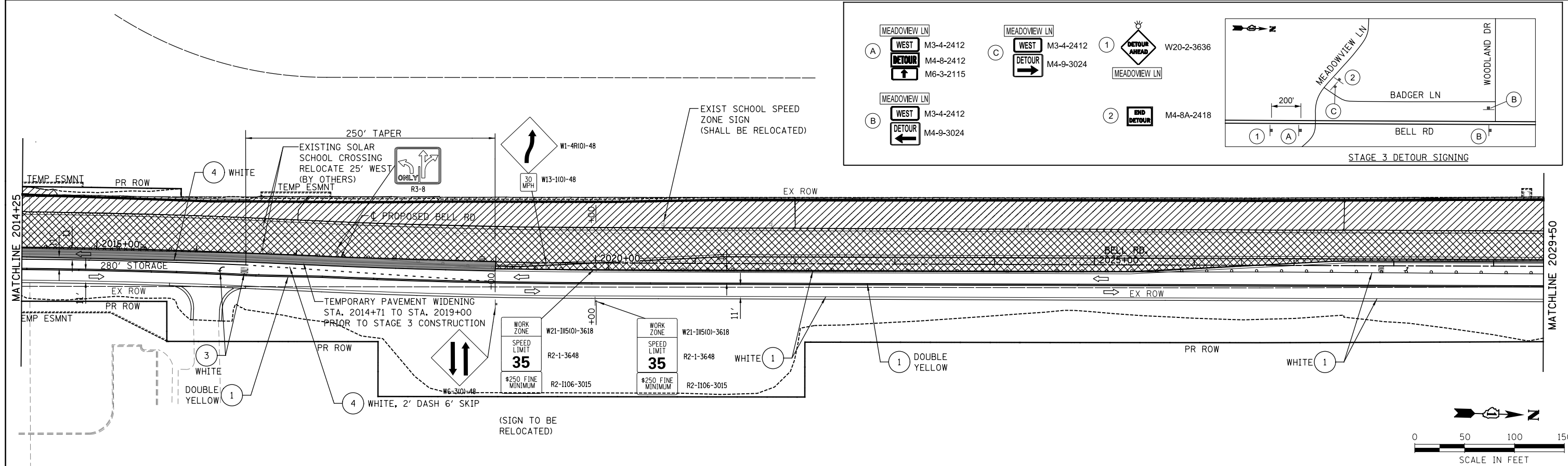
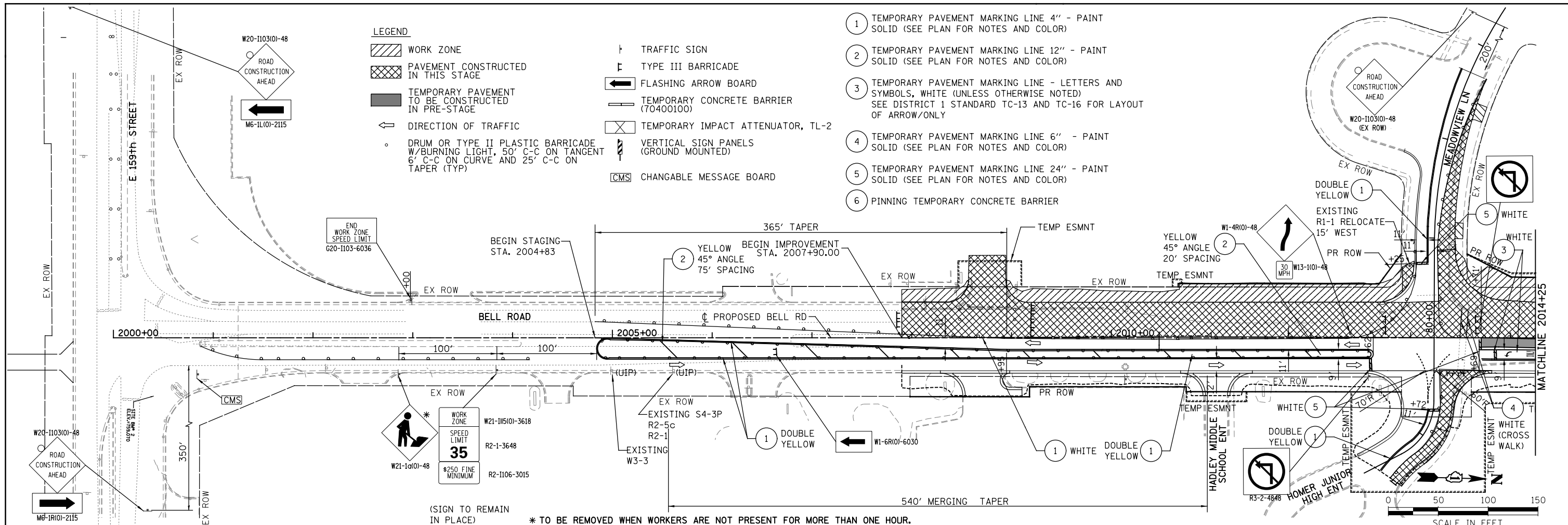
SCALE: 1" = 50' SHEET NO. 8 OF 12 SHEETS STA. 2029+50 TO STA. 2053+00

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 62
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

LEGEND

- WORK ZONE
- PAVEMENT CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN PRE-STAGE
- DIRECTION OF TRAFFIC
- DRUM OR TYPE II PLASTIC BARRICADE W/BURNING LIGHT, 50' C-C ON TANGENT 6' C-C ON CURVE AND 25' C-C ON TAPER (TYP)
- TRAFFIC SIGN
- TYPE III BARRICADE
- FLASHING ARROW BOARD
- TEMPORARY CONCRETE BARRIER (70400100)
- TEMPORARY IMPACT ATTENUATOR, TL-2
- VERTICAL SIGN PANELS (GROUND MOUNTED)
- CHANGABLE MESSAGE BOARD

- 1 TEMPORARY PAVEMENT MARKING LINE 4" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 2 TEMPORARY PAVEMENT MARKING LINE 12" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 3 TEMPORARY PAVEMENT MARKING LINE - LETTERS AND SYMBOLS, WHITE (UNLESS OTHERWISE NOTED) SEE DISTRICT 1 STANDARD TC-13 AND TC-16 FOR LAYOUT OF ARROW/ONLY
- 4 TEMPORARY PAVEMENT MARKING LINE 6" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 5 TEMPORARY PAVEMENT MARKING LINE 24" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 6 PINNING TEMPORARY CONCRETE BARRIER



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
PLOT SCALE =	DRAWN - RSK	REVISED -
PLOT DATE = 20-APR-2022 14:36	CHECKED - DVS	REVISED -
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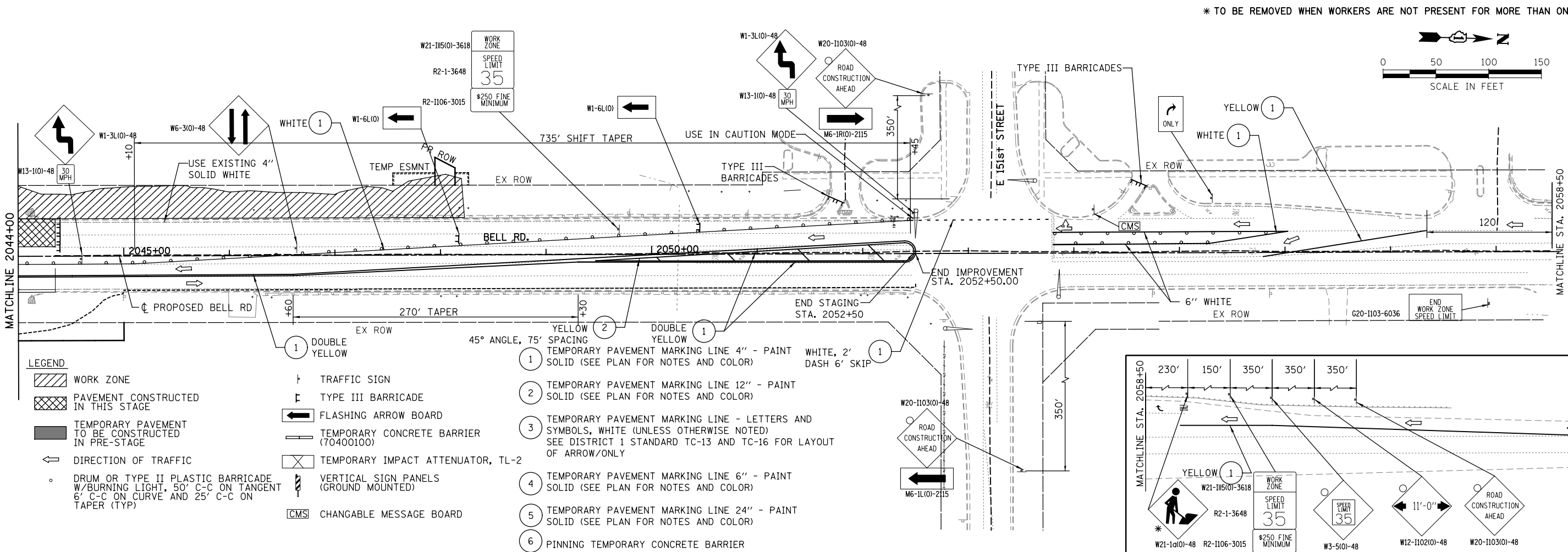
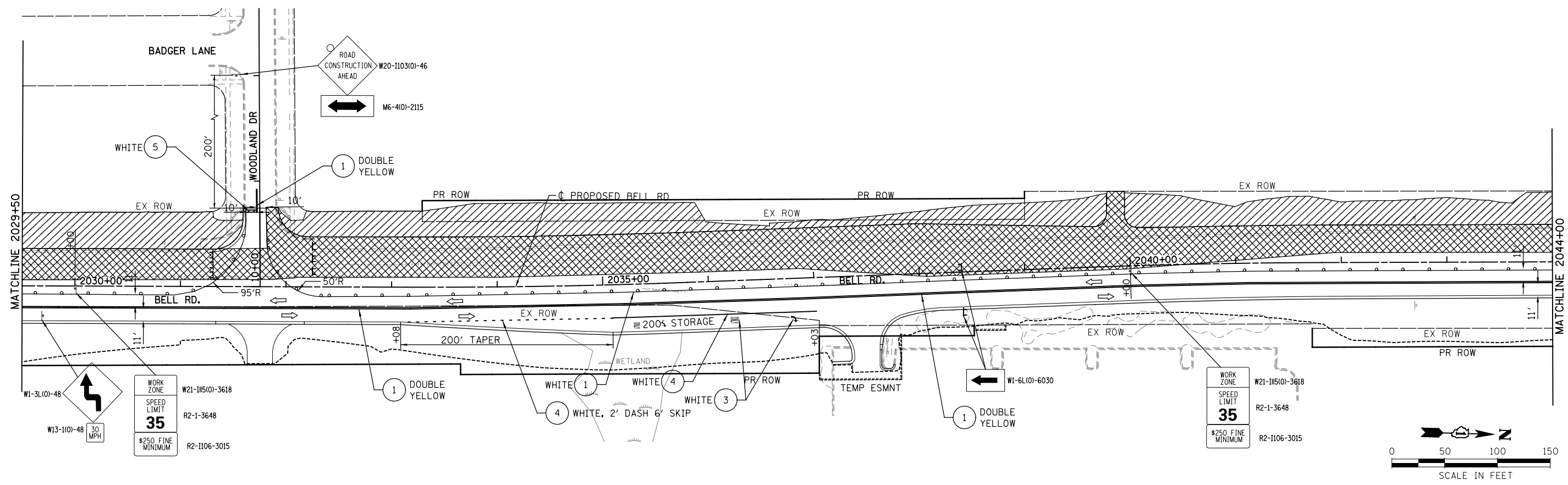
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
BELL ROAD - STAGE 3**

SCALE: 1" = 50' SHEET NO. 9 OF 12 SHEETS STA. 2000+00 TO STA. 2029+50

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 63
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

FILE NAME = T:\16912A Bell Road\Civil\Plans\MOT\01 - stage3-ph1.01.dgn



* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

LEGEND

- WORK ZONE
- PAVEMENT CONSTRUCTED IN THIS STAGE
- TEMPORARY PAVEMENT TO BE CONSTRUCTED IN PRE-STAGE
- DIRECTION OF TRAFFIC
- DRUM OR TYPE II PLASTIC BARRICADE W/BURNING LIGHT, 50' C-C ON TANGENT 6' C-C ON CURVE AND 25' C-C ON TAPER (TYP)
- TRAFFIC SIGN
- TYPE III BARRICADE
- FLASHING ARROW BOARD
- TEMPORARY CONCRETE BARRIER (70400100)
- TEMPORARY IMPACT ATTENUATOR, TL-2
- VERTICAL SIGN PANELS (GROUND MOUNTED)
- CHANGABLE MESSAGE BOARD

- 1 DOUBLE YELLOW
- 2 YELLOW 2
- 3 45° ANGLE, 75' SPACING TEMPORARY PAVEMENT MARKING LINE 4" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 4 TEMPORARY PAVEMENT MARKING LINE 12" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 5 TEMPORARY PAVEMENT MARKING LINE - LETTERS AND SYMBOLS, WHITE (UNLESS OTHERWISE NOTED) SEE DISTRICT 1 STANDARD TC-13 AND TC-16 FOR LAYOUT OF ARROW/ONLY
- 6 TEMPORARY PAVEMENT MARKING LINE 6" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 7 TEMPORARY PAVEMENT MARKING LINE 24" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 8 PINNING TEMPORARY CONCRETE BARRIER

FILE NAME = T:\161912A Bell Road\CVI\Plans\MOT\01 - stage3-ht_02.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - R.S.K.	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 16-DEC-2021 15:51	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

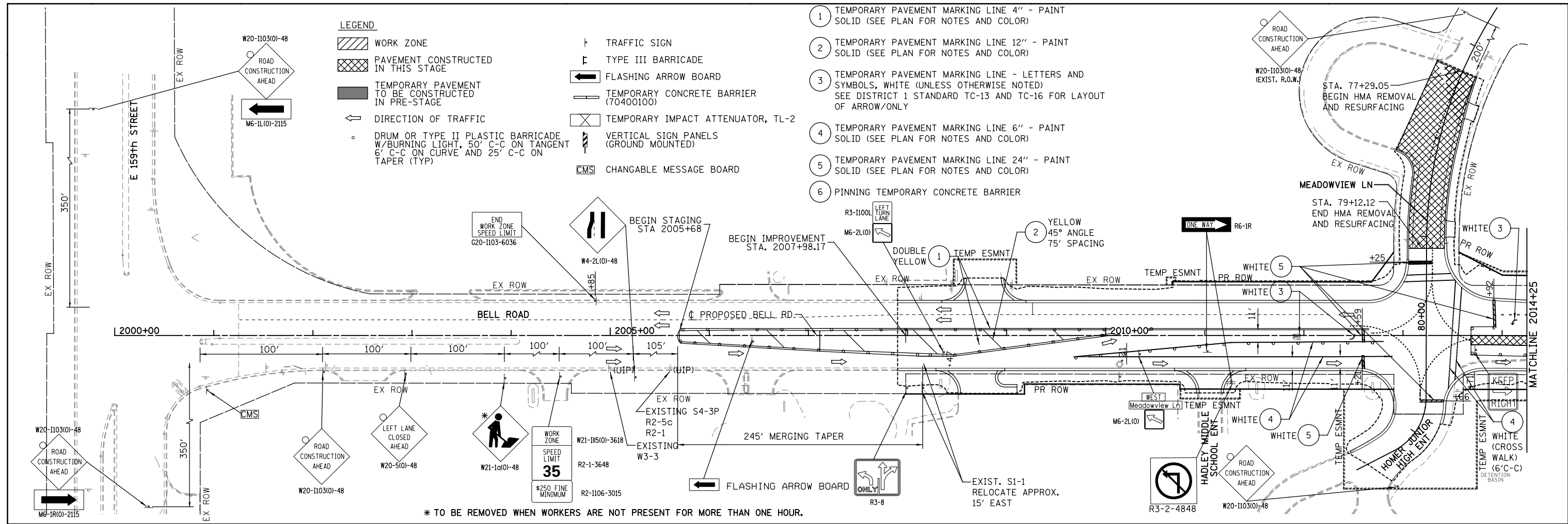
**MAINTENANCE OF TRAFFIC
BELL ROAD - STAGE 3**

SCALE: SHEET NO. 10 OF 12 SHEETS STA. 2029+50 TO STA. 2053+00

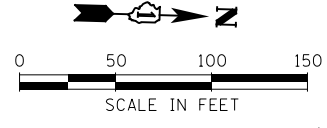
F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 64
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

- 1 TEMPORARY PAVEMENT MARKING LINE 4" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 2 TEMPORARY PAVEMENT MARKING LINE 12" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 3 TEMPORARY PAVEMENT MARKING LINE - LETTERS AND SYMBOLS, WHITE (UNLESS OTHERWISE NOTED) SEE DISTRICT 1 STANDARD TC-13 AND TC-16 FOR LAYOUT OF ARROW/ONLY
- 4 TEMPORARY PAVEMENT MARKING LINE 6" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 5 TEMPORARY PAVEMENT MARKING LINE 24" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 6 PINNING TEMPORARY CONCRETE BARRIER

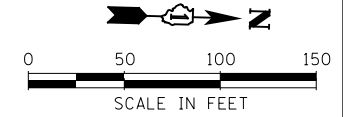
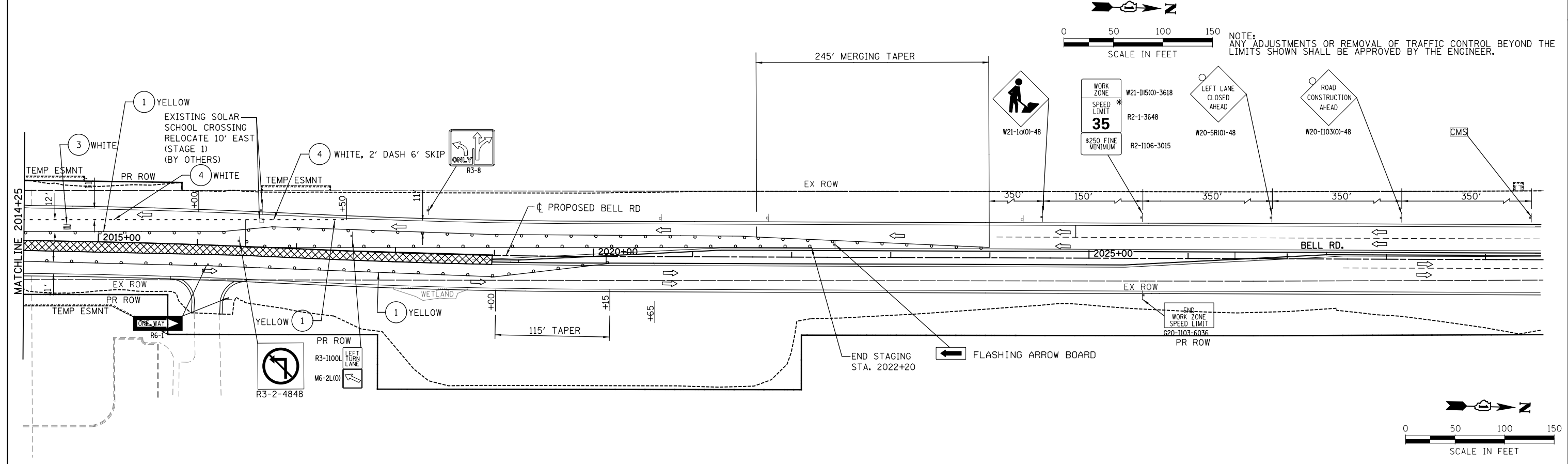
- LEGEND**
- WORK ZONE
 - PAVEMENT CONSTRUCTED IN THIS STAGE
 - TEMPORARY PAVEMENT TO BE CONSTRUCTED IN PRE-STAGE
 - DIRECTION OF TRAFFIC
 - DRUM OR TYPE II PLASTIC BARRICADE W/BURNING LIGHT, 50' C-C ON TANGENT 6' C-C ON CURVE AND 25' C-C ON TAPER (TYP)
 - TRAFFIC SIGN
 - TYPE III BARRICADE
 - FLASHING ARROW BOARD
 - TEMPORARY CONCRETE BARRIER (70400100)
 - TEMPORARY IMPACT ATTENUATOR, TL-2
 - VERTICAL SIGN PANELS (GROUND MOUNTED)
 - CHANGABLE MESSAGE BOARD



* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



NOTE: ANY ADJUSTMENTS OR REMOVAL OF TRAFFIC CONTROL BEYOND THE LIMITS SHOWN SHALL BE APPROVED BY THE ENGINEER.



FILE NAME = T:\16912A Bell Road\Civil\Plans\MOT\01 - staging\st-01.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
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








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
BELL ROAD - STAGE 4**

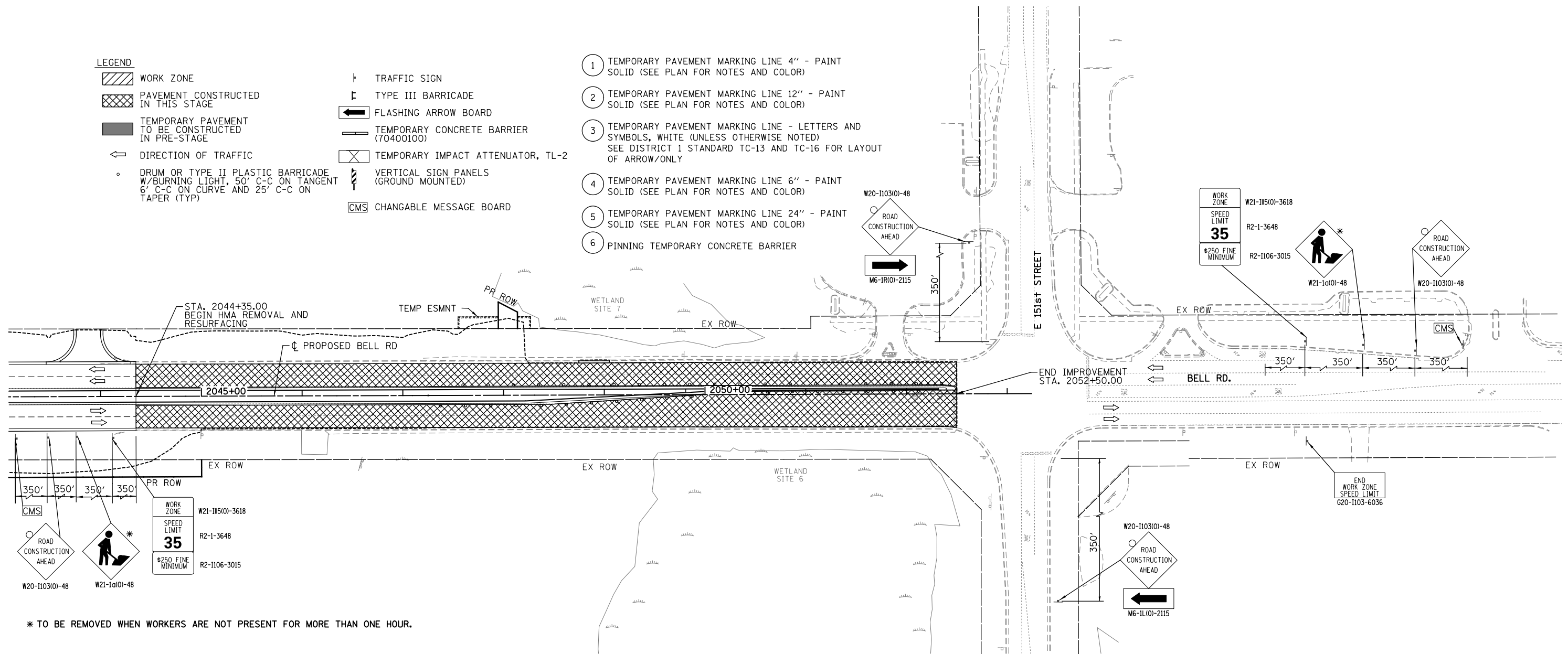
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F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 65
CONTRACT NO. 61A96				ILLINOIS FED. AID PROJECT

LEGEND

-  WORK ZONE
-  PAVEMENT CONSTRUCTED IN THIS STAGE
-  TEMPORARY PAVEMENT TO BE CONSTRUCTED IN PRE-STAGE
-  DIRECTION OF TRAFFIC
-  DRUM OR TYPE II PLASTIC BARRICADE W/BURNING LIGHT, 50' C-C ON TANGENT 6' C-C ON CURVE AND 25' C-C ON TAPER (TYP)
-  TRAFFIC SIGN
-  TYPE III BARRICADE
-  FLASHING ARROW BOARD
-  TEMPORARY CONCRETE BARRIER (70400100)
-  TEMPORARY IMPACT ATTENUATOR, TL-2
-  VERTICAL SIGN PANELS (GROUND MOUNTED)
-  CHANGABLE MESSAGE BOARD

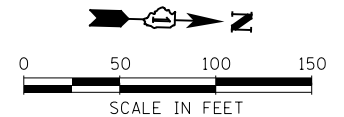
- 1 TEMPORARY PAVEMENT MARKING LINE 4" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 2 TEMPORARY PAVEMENT MARKING LINE 12" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 3 TEMPORARY PAVEMENT MARKING LINE - LETTERS AND SYMBOLS, WHITE (UNLESS OTHERWISE NOTED) SEE DISTRICT 1 STANDARD TC-13 AND TC-16 FOR LAYOUT OF ARROW/ONLY
- 4 TEMPORARY PAVEMENT MARKING LINE 6" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 5 TEMPORARY PAVEMENT MARKING LINE 24" - PAINT SOLID (SEE PLAN FOR NOTES AND COLOR)
- 6 PINNING TEMPORARY CONCRETE BARRIER



* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

NOTES:

- 1. LANE CLOSURES DURING RESURFACING TO BE PER HIGHWAY STANDARDS 701601 AND 701701.
- 2. ANY ADJUSTMENTS OR REMOVAL OF TRAFFIC CONTROL BEYOND THE LIMITS SHOWN SHALL BE APPROVED BY THE ENGINEER.



FILE NAME = T:\161912A Bell Road\Civil\Plans\MOT\01 - stage5-ph1.01.dgn



USER NAME = USHA669697	DESIGNED - NSL	REVISED -
PLOT SCALE =	DRAWN - RSK	REVISED -
PLOT DATE = 16-DEC-2021 15:52	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC BELL ROAD - STAGE 5		
SCALE: 1" = 50'	SHEET NO. 12 OF 12 SHEETS	STA. 2043+00 TO STA. 2053+00

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 66
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

EROSION AND SEDIMENT CONTROL NOTES:

- ALL CONTROL MEASURES NECESSARY MUST MEET THE MINIMUM REQUIREMENTS AS DESCRIBED IN THE LATEST "EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION", DATED JULY 1ST, 2010, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ADDITIONAL DETAILS AND BMPs ARE ALSO AVAILABLE AND CAN BE UTILIZED AS SHOWN IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED.
- ALL THE SOIL EROSION AND SEDIMENT CONTROL FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND WITH THE INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR OF WHICH APPROVED BY THE ENGINEER, WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
- ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITIES.
- ALL PERMANENT SEDIMENT AND STORM WATER CONTROL MEASURES AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE HAPPENS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON THE PROJECT, THE CONTRACTOR SHALL OBTAIN APPROVAL OF HIS EARTHWORK AND SITE STABILIZATION SCHEDULE.
- DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION ACTIVITY. THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS.
- THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREA AS THE PROJECT PROGRESSES, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE EARTHEN MATERIAL TO THE SATISFACTION OF THE ENGINEER OR AUTHORIZED DOT PERSONNEL.
- STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10-FT VERTICALLY OR FINISHED SLOPE EQUALS TO 30-FT, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.
- THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES TO BE RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL THE DISTURBED AREAS THROUGHOUT THE PROJECT.
- THE CONTRACTOR'S REPRESENTATIVE HAS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES AND HAVE TAKEN AN ILLINOIS DEPARTMENT OF TRANSPORTATION OR APPROVED EQUAL EROSION AND SEDIMENT CONTROL COURSE. THIS PERSON SHALL HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTION CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN PROVIDED BY THE ENGINEER. THIS INDIVIDUAL AND THE ENGINEER MUST MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN DAYS OF THE FOLLOWING:
 - DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED.
 - STRUCTURAL CONTROL MEASURES (SUCH AS PERIMETER EROSION BARRIER, ETC.)
 - LOCATIONS WHERE VEHICLES ENTER OR EXIT THE PROJECT SITE.
 - AN ADDITIONAL INSPECTION OF THE ITEMS LISTED ABOVE MUST BE MADE 24-HOURS AFTER A RAINFALL OR EQUIVALENT SNOWFALL EVENT GREATER THAN 0.5-INCH.
- THE CONTRACTOR'S REPRESENTATIVE AND THE ENGINEER MUST KEEP A WRITTEN REPORT SUMMARIZING THE REQUIRED INSPECTIONS TAKEN PLACE. THE REPORTS MUST BE KEPT AT THE SITE DURING CONSTRUCTION. THE REPORTS MUST ALSO BE RETAINED FOR THREE YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED.
- ALL THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON, AS WELL AS OVER THE WINTER SHUTDOWN PERIOD AND OTHER DAYS WHEN THE PROJECT IS CLOSED DOWN FOR A LONGER DURATION. ANY CONTROL MEASURES FILLED MORE THAN 75% MUST BE CLEANED AND RESET AND THESE SPOILS REMOVED TO AN APPROVED SITE.
- SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND ACTIVE DRAINAGE PATH WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE, AND STABILIZED IMMEDIATELY WITH TEMPORARY SEEDING AFTER FINAL SHAPING OF THE STOCKPILE IN ACCORDANCE WITH THE METHOD APPROVED BY IDOT. THE QUANTITY FOR THE SILT FENCE TO BE PLACED AROUND THE PERIMETER OF THE SOIL STOCKPILE IS INCLUDED IN THE CONTRACT.
- EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR, THE COST OF THE CONTROLS WILL BE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER, THE DEPARTMENT WILL ASSUME THE COST OF INSTALLING AND MAINTAINING OF THE CONTROLS.
- ANY SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING CONTROL MEASURE PRIOR TO RELEASE FROM THE PROJECT SITE. ANY DEWATERING METHOD USED BY THE CONTRACTOR SHALL BE INCLUDED IN THE COST OF THE ITEM.
- NO WORK IS ALLOWED BEYOND THE PERMITTED AREA, ANY WORK WITHIN A SWALE OR DITCH CAPABLE OF CONVEYING WATER MUST BE CONDUCTED IN THE DRY. PROVISIONS MUST BE MADE TO BYPASS PUMP OR DEWATER ANY AREAS IN WHICH WORK WILL BE CONDUCTED. IN HIGH FLOW CHANNELS WHERE DEWATERING IS NOT POSSIBLE OR PRACTICAL, SILT FENCE OR SEDIMENT CURTAINS MAY BE INSTALLED PARALLEL TO THE STREAM BANK. IN NO CASE WILL THE CURTAINS BE INSTALLED PERPENDICULAR TO THE FLOW. A NOMINAL QUANTITY FOR THE SILT FENCE IS INCLUDED IN THE CONTRACT TO BE USED AT THE ENGINEER'S DISCRETION.
- IF AND/OR WHEN THE CONTRACTOR WERE TO REQUEST A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH 25 FEET AWAY FROM THE CURB OF THE ROAD PROVIDING THE FOLLOWING CONDITIONS ARE MET:
 - ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER
 - THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH MULCH METHOD 2.
 - ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.

- THE INSTALLATION, MAINTENANCE, REMOVAL AND RESTORATION OF THE AREA DISTURBED BY THE PLACEMENT OF THE PERIMETER EROSION BARRIER ARE INCLUDED IN THE CONTRACT UNIT PRICE FOR PERIMETER EROSION BARRIER. AFTER ALL PERIMETER EROSION BARRIER IS REMOVED, THE AREAS DAMAGED BY THE PERIMETER EROSION CONTROL BARRIER MUST BE RESTORED TO ITS ORIGINAL CONDITIONS.
- SOUTH END OF PROJECT DRAINS TO SPRING CREEK (APPROXIMATELY 1 MILE SOUTH OF 159TH STREET). NORTH END OF PROJECT DRAINS TO LONG RUN (APPROXIMATELY 3 MILES NORTH OF 151ST STREET).
- CLEANING OF INLET FILTERS FROM ACCUMULATED SEDIMENT SHALL BE AS DIRECTED BY THE ENGINEER AND INCLUDED IN THE COST OF THE ITEM.

SOIL PROTECTION SCHEDULE:

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
PERMANENT SEEDING			→		→			→				
DORMANT SEEDING	→		→							→		→
TEMPORARY SEEDING			→		→			→		→		
EROSION BLANKET / HYDROMULCH			→								→	

EROSION AND SEDIMENT CONTROL STRATEGY:

- CLEAR AND GRUB, REMOVE EXISTING TREES AND BUSHES AS NECESSARY.
- ERECT PERIMETER EROSION BARRIER AND TEMPORARY FENCE AS SHOWN ON THE PLANS.
- INSTALL TEMPORARY DITCH CHECKS.
- INSTALL INLET FILTERS AS SHOWN ON PLANS.
- ESTABLISH STABILIZED CONSTRUCTION ENTRANCES.
- STABILIZE DISTURBED AREAS WITH TEMPORARY EROSION CONTROL MEASURES, THEN EROSION CONTROL BLANKET WITH PERMANENT SEEDING AS SHOWN LANDSCAPING PLANS.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
- WHEN FINAL STABILIZATION IS ESTABLISHED, REMOVE ALL TEMPORARY MEASURES.

HIGHWAY STANDARDS:

STD. NO.	TITLE
280001-07	TEMPORARY EROSION CONTROL SYSTEMS

MODEL: D:\p\h\ FILE NAME: I11305B\IGNCADD_Sheets\C116-eh-eros1.dgn



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PLOT DATE = 9/23/2021	DATE - 10/04/2021	REVISED -










**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL NOTES
BELL ROAD**

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

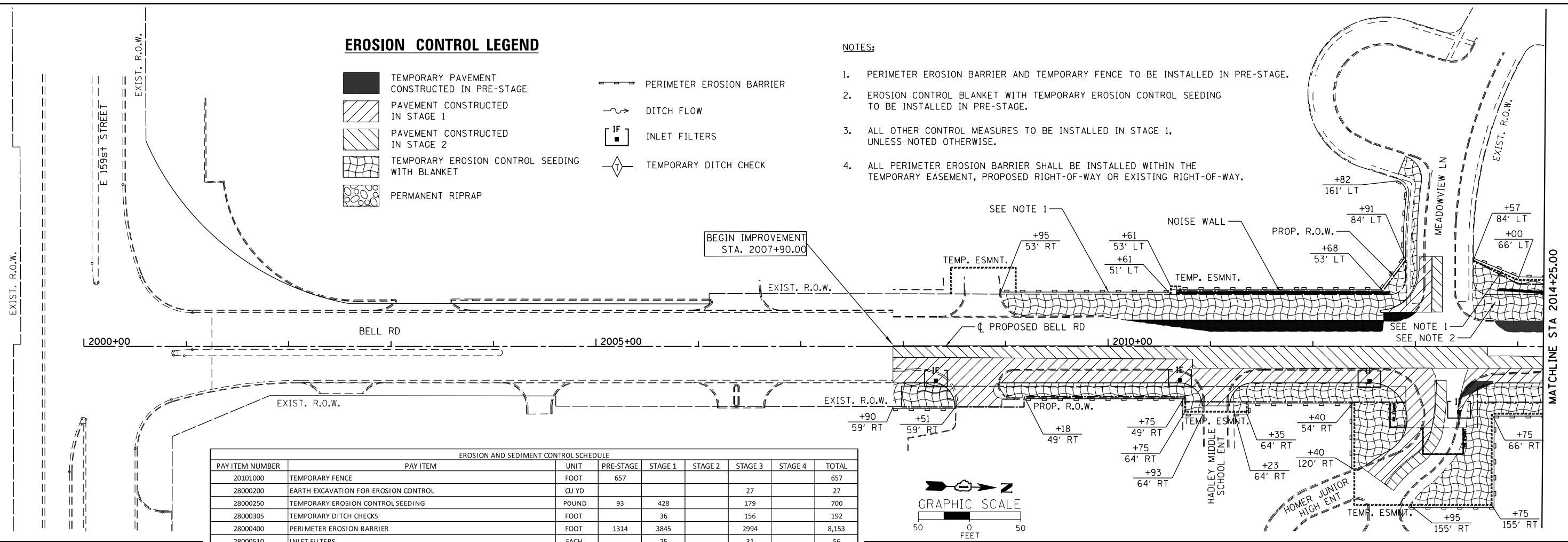
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0356	99-00147-07-FP	WILL	229	67
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61A96	

EROSION CONTROL LEGEND

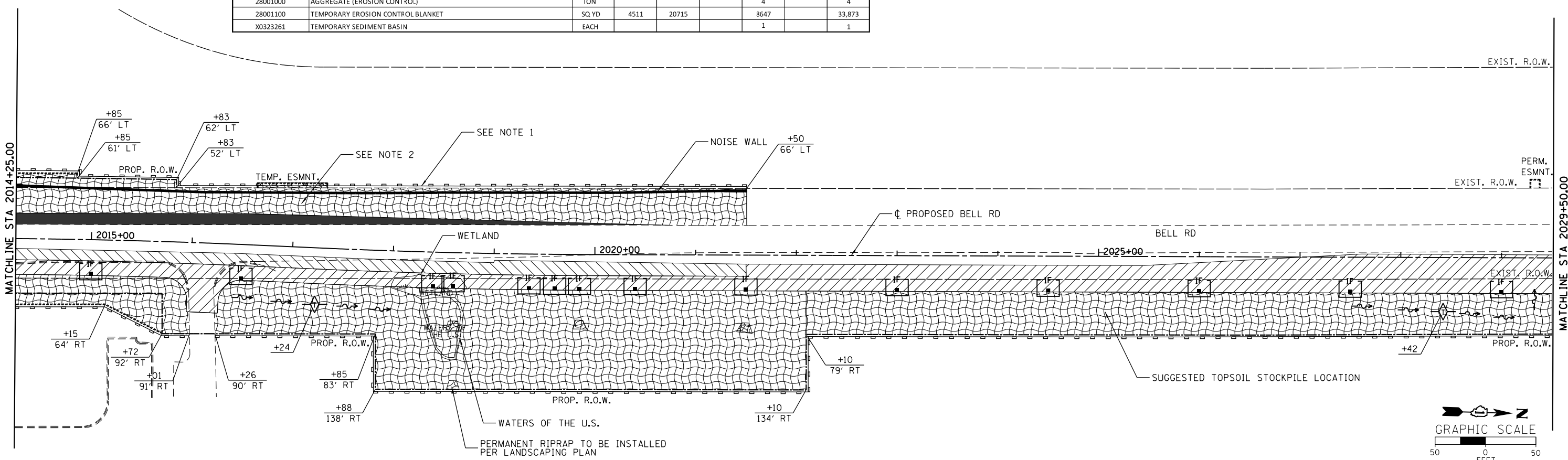
-  TEMPORARY PAVEMENT CONSTRUCTED IN PRE-STAGE
-  PAVEMENT CONSTRUCTED IN STAGE 1
-  PAVEMENT CONSTRUCTED IN STAGE 2
-  TEMPORARY EROSION CONTROL SEEDING WITH BLANKET
-  PERMANENT RIPRAP
-  PERIMETER EROSION BARRIER
-  DITCH FLOW
-  INLET FILTERS
-  TEMPORARY DITCH CHECK

NOTES:

1. PERIMETER EROSION BARRIER AND TEMPORARY FENCE TO BE INSTALLED IN PRE-STAGE.
2. EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING TO BE INSTALLED IN PRE-STAGE.
3. ALL OTHER CONTROL MEASURES TO BE INSTALLED IN STAGE 1, UNLESS NOTED OTHERWISE.
4. ALL PERIMETER EROSION BARRIER SHALL BE INSTALLED WITHIN THE TEMPORARY EASEMENT, PROPOSED RIGHT-OF-WAY OR EXISTING RIGHT-OF-WAY.



EROSION AND SEDIMENT CONTROL SCHEDULE								
PAY ITEM NUMBER	PAY ITEM	UNIT	PRE-STAGE	STAGE 1	STAGE 2	STAGE 3	STAGE 4	TOTAL
20101000	TEMPORARY FENCE	FOOT	657					657
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD				27		27
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	93	428		179		700
28000305	TEMPORARY DITCH CHECKS	FOOT		36		156		192
28000400	PERIMETER EROSION BARRIER	FOOT	1314	3845		2994		8,153
28000510	INLET FILTERS	EACH		25		31		56
28001000	AGGREGATE (EROSION CONTROL)	TON				4		4
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	4511	20715		8647		33,873
X0323261	TEMPORARY SEDIMENT BASIN	EACH				1		1








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


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN
BELL ROAD - PRE-STAGE, STAGE 1, AND STAGE 2
 SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 2007+90 TO STA. 2029+50

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 68
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

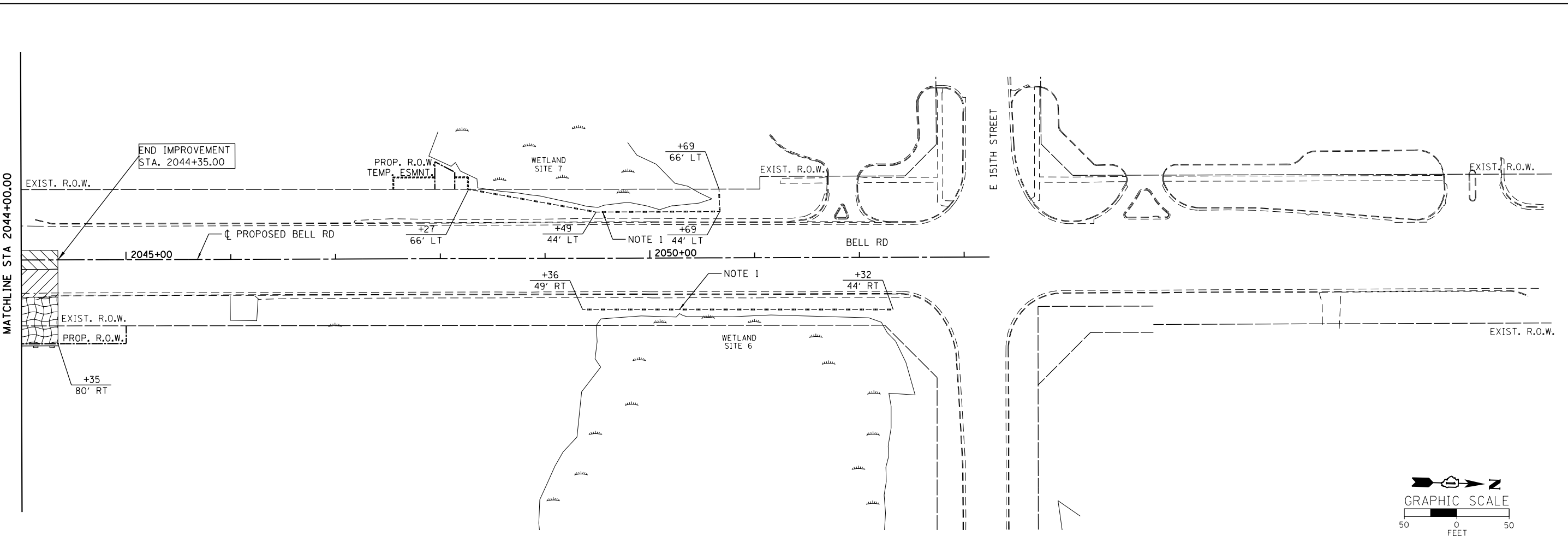
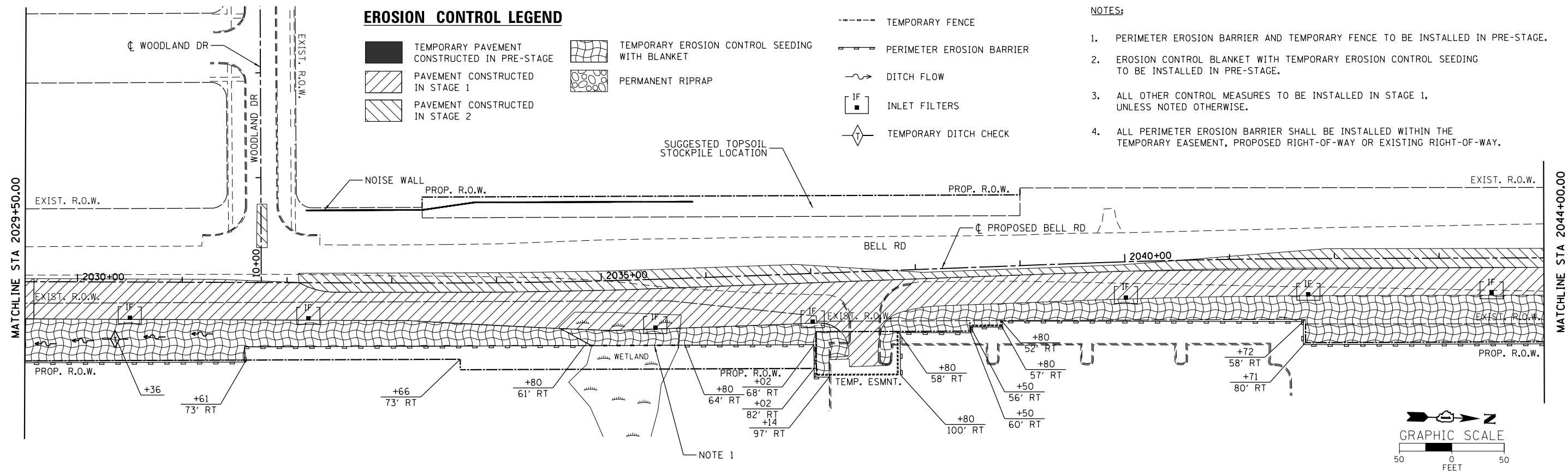
EROSION CONTROL LEGEND

-  TEMPORARY PAVEMENT CONSTRUCTED IN PRE-STAGE
-  PAVEMENT CONSTRUCTED IN STAGE 1
-  PAVEMENT CONSTRUCTED IN STAGE 2
-  TEMPORARY EROSION CONTROL SEEDING WITH BLANKET
-  PERMANENT RIPRAP

-  TEMPORARY FENCE
-  PERIMETER EROSION BARRIER
-  DITCH FLOW
-  INLET FILTERS
-  TEMPORARY DITCH CHECK

NOTES:

1. PERIMETER EROSION BARRIER AND TEMPORARY FENCE TO BE INSTALLED IN PRE-STAGE.
2. EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING TO BE INSTALLED IN PRE-STAGE.
3. ALL OTHER CONTROL MEASURES TO BE INSTALLED IN STAGE 1, UNLESS NOTED OTHERWISE.
4. ALL PERIMETER EROSION BARRIER SHALL BE INSTALLED WITHIN THE TEMPORARY EASEMENT, PROPOSED RIGHT-OF-WAY OR EXISTING RIGHT-OF-WAY.



MODEL: D:\default\... FILE NAME: ILL3058\GEN\CADD_Sheets\C116-eh-ec-ec3.dgn



USER NAME = echo1	DESIGNED - EC	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN - EC	REVISED -
PLOT DATE = 9/23/2021	CHECKED - VP	REVISED -
	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN			
BELL ROAD - PRE-STAGE, STAGE 1, AND STAGE 2			
SCALE: 1" = 50'	SHEET 3 OF 5 SHEETS	STA. 2029+50 TO STA. 2047+25	

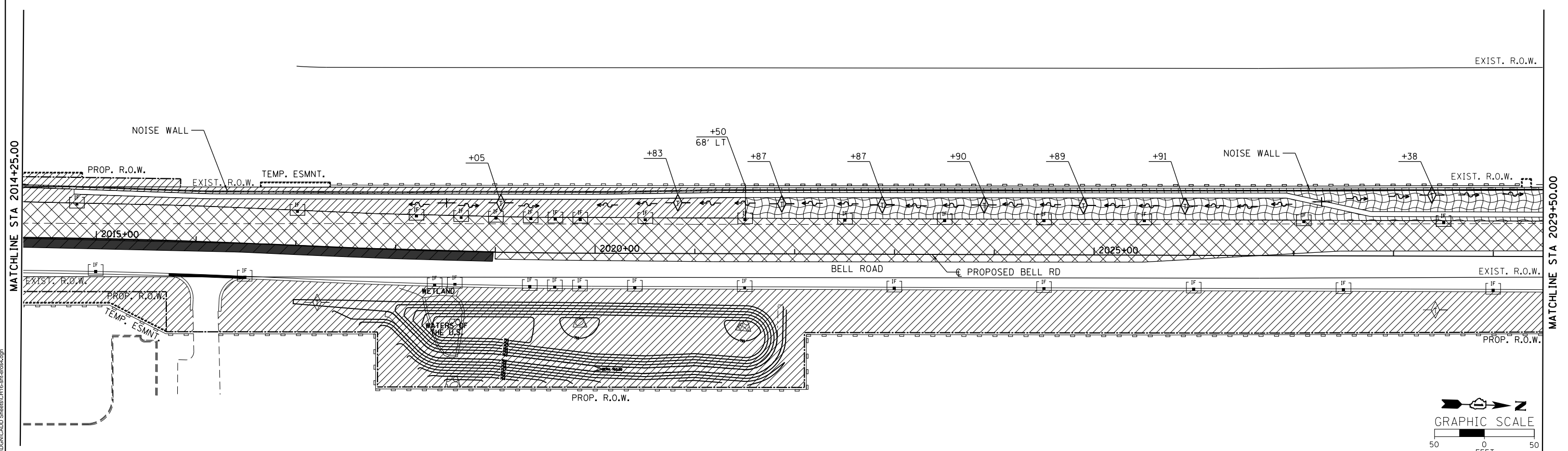
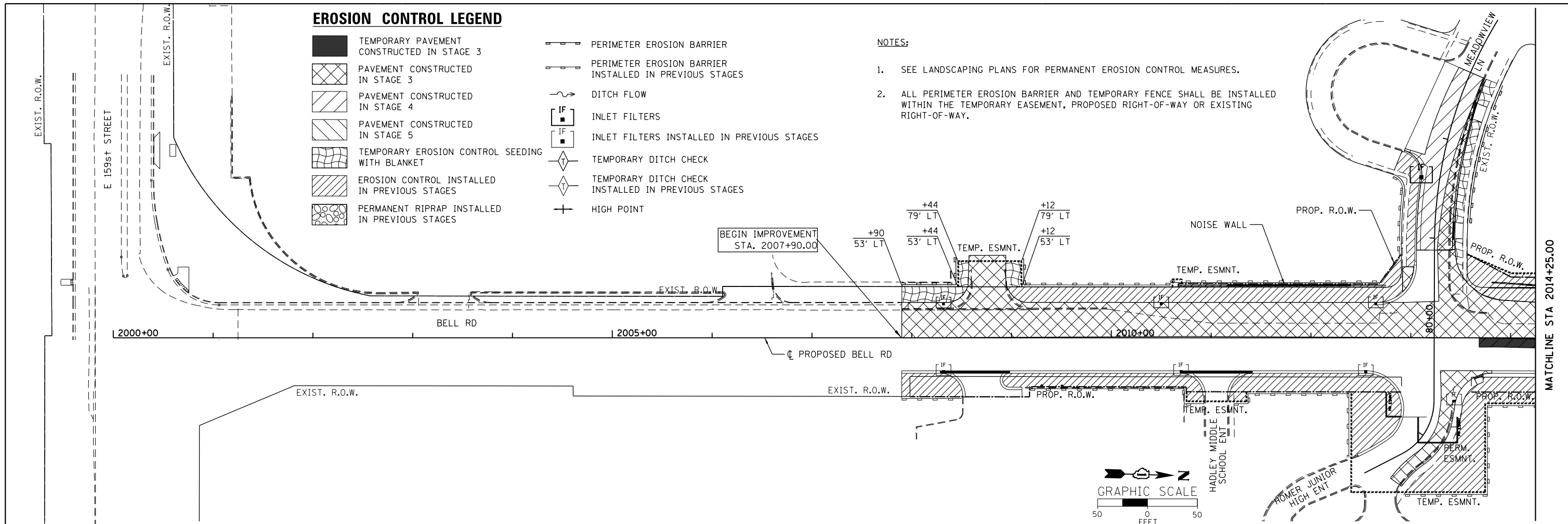
F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 69
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

EROSION CONTROL LEGEND

- | | | | |
|--|--|--|--|
| | TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 3 | | PERIMETER EROSION BARRIER |
| | PAVEMENT CONSTRUCTED IN STAGE 3 | | PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGES |
| | PAVEMENT CONSTRUCTED IN STAGE 4 | | DITCH FLOW |
| | PAVEMENT CONSTRUCTED IN STAGE 5 | | INLET FILTERS |
| | TEMPORARY EROSION CONTROL SEEDING WITH BLANKET | | INLET FILTERS INSTALLED IN PREVIOUS STAGES |
| | EROSION CONTROL INSTALLED IN PREVIOUS STAGES | | TEMPORARY DITCH CHECK |
| | PERMANENT RIPRAP INSTALLED IN PREVIOUS STAGES | | TEMPORARY DITCH CHECK INSTALLED IN PREVIOUS STAGES |
| | | | HIGH POINT |

NOTES:

- SEE LANDSCAPING PLANS FOR PERMANENT EROSION CONTROL MEASURES.
- ALL PERIMETER EROSION BARRIER AND TEMPORARY FENCE SHALL BE INSTALLED WITHIN THE TEMPORARY EASEMENT, PROPOSED RIGHT-OF-WAY OR EXISTING RIGHT-OF-WAY.



USER NAME = vpetgrmas	DESIGNED - EC	REVISED -
PLOT SCALE = 50,000' / 1"	DRAWN - EC	REVISED -
PLOT DATE = 4/21/2022	CHECKED - VP	REVISED -
	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
BELL ROAD - STAGE 3, 4, AND 5
SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. 2007+90 TO STA. 2029+50

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 70
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

MODEL: Definit FILE NAME: J:\3056DGN\CADD Sheets\CH16-ekr.ecad.dgn

EROSION CONTROL LEGEND

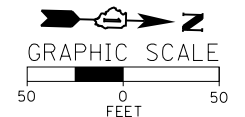
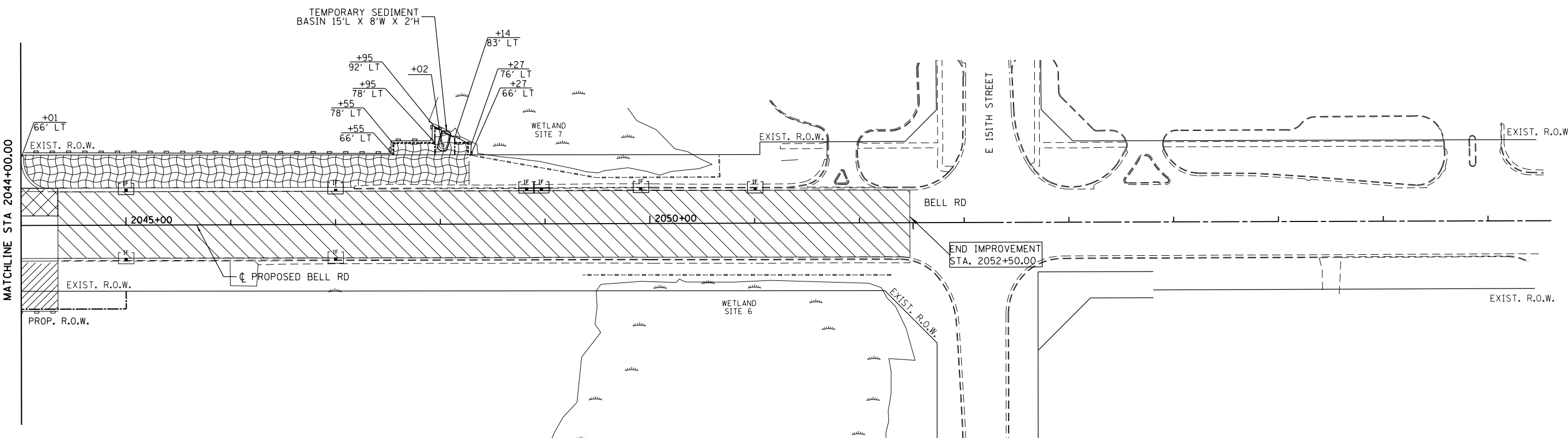
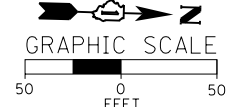
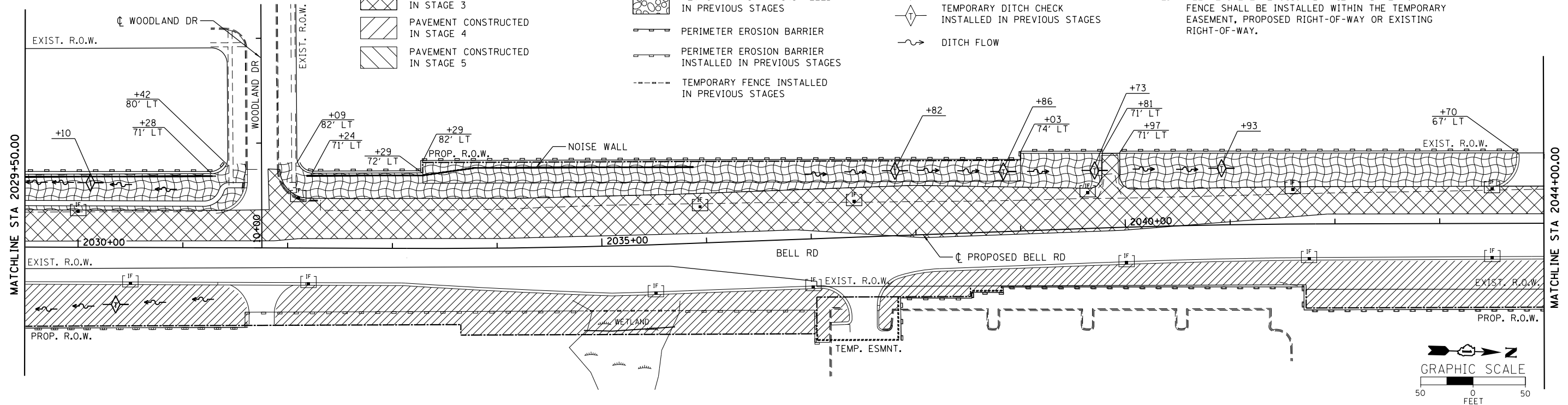
- TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 3
- PAVEMENT CONSTRUCTED IN STAGE 3
- PAVEMENT CONSTRUCTED IN STAGE 4
- PAVEMENT CONSTRUCTED IN STAGE 5

- TEMPORARY EROSION CONTROL SEEDING WITH BLANKET
- EROSION CONTROL INSTALLED IN PREVIOUS STAGES
- TEMPORARY RIPRAP INSTALLED IN PREVIOUS STAGES
- PERIMETER EROSION BARRIER
- PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGES
- TEMPORARY FENCE INSTALLED IN PREVIOUS STAGES

- INLET FILTERS
- INLET FILTERS INSTALLED IN PREVIOUS STAGES
- TEMPORARY DITCH CHECK
- TEMPORARY DITCH CHECK INSTALLED IN PREVIOUS STAGES
- DITCH FLOW

NOTES:

1. SEE LANDSCAPING PLANS FOR PERMANENT EROSION CONTROL MEASURES.
2. ALL PERIMETER EROSION BARRIER AND TEMPORARY FENCE SHALL BE INSTALLED WITHIN THE TEMPORARY EASEMENT, PROPOSED RIGHT-OF-WAY OR EXISTING RIGHT-OF-WAY.



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USER NAME = vpegrmas	DESIGNED - EC	REVISED -
PLOT SCALE = 50,000' / 1"	DRAWN - EC	REVISED -
PLOT DATE = 4/12/2022	CHECKED - VP	REVISED -
	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLAN
BELL ROAD - STAGE 3, 4, AND 5
SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. 2029+50 TO STA. 2052+48

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 71
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

STORM SEWER STRUCTURE SCHEDULE

STRUCTURE NO.	ALIGNMENT	STATION	OFFSET (FT) (RT +/LT-)	STRUCTURE TYPE	FRAME AND GRATE	RIM ELEV. (FT)	FREEBOARD (FT)	MIN INVERT ELEV. (FT)	DEPTH (FT)	SUMP DEPTH (FT)	STANDARD DETAIL	PAYITEM NO.	COMMENTS
100	BELL ROAD	2018+61.00	124.19 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"			0.00	752.42	0.00	0.00	542301-03	54213675	
101	BELL ROAD	2018+00.00	42.00 RT	DETENTION BASIN OUTLET STRUCTURE	2-TYPE 1 FRAME OPEN LID	761.93 761.43	6.79	753.14	8.79	0.00		X0327218	SEE DRAINAGE DETAILS SHEET 94 OF 229
102	BELL ROAD	2019+35.00	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	760.70	3.40	756.94	3.76	1.25	602001-02	60208240	
103	BELL ROAD	2019+85.01	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	761.28	5.80	754.19	7.08	0.00	602416-04	60224459	
104	BELL ROAD	2019+60.00	33.95 RT	CATCH BASINS TYPE A 4-FT DIA	TYPE 24 F & G	760.68	4.05	756.05	4.63	1.25	602001-02	60201340	
105	BELL ROAD	2019+85.00	33.95 RT	CATCH BASINS TYPE A 4-FT DIA	TYPE 24 F & G	760.71	5.22	754.21	6.50	1.25	602011-02	60201340	
106	BELL ROAD	2020+40.01	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	761.49	6.00	754.33	7.16	0.00	602416-04	60224459	
107	BELL ROAD	2016+50.00	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	763.54	8.40	754.11	9.43	0.00	602416-04	60224459	
108	BELL ROAD	2016+50.00	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	763.23	2.95	759.60	3.63	1.25	602011-02	60208240	
109	BELL ROAD	2015+00.00	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	765.45	10.23	754.53	10.91	0.00	602416-04	60224459	
110	BELL ROAD	2015+00.00	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	764.88	3.33	761.12	3.76	1.25	602011-02	60208240	
111	BELL ROAD	2012+55.00	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	768.14	12.48	755.22	12.92	0.00	602416-04	60224459	
112	BELL ROAD	2012+55.00	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	767.57	3.14	763.81	3.76	1.25	602011-02	60208240	
113	BELL ROAD	2010+70.00	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	770.17	14.09	755.75	14.42	0.00	602416-04	60224459	
114	BELL ROAD	2010+70.00	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	769.61	3.19	765.85	3.77	1.25	602011-02	60208240	
115	BELL ROAD	2008+37.00	42.00 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	772.04	4.23	767.59	4.45	0.00	602401-03	60218400	
116	BELL ROAD	2008+32.00	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	771.63	3.66	767.72	3.91	1.25	602011-02	60208240	
117	BELL ROAD	2018+60.00	33.95 RT	CATCH BASINS TYPE A 4-FT DIA	TYPE 24 F & G	761.03	3.66	756.77	4.26	1.25	602001-02	60201340	
118	BELL ROAD	2018+40.00	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	761.18	3.13	757.42	3.76	1.25	602011-02	60208240	
119	BELL ROAD	2020+40.01	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	760.92	3.26	757.16	3.76	1.25	602011-02	60208240	
120	BELL ROAD	2013+42.66	64.08 RT	CATCH BASINS TYPE C	TYPE 24 F & G	766.96	2.97	763.22	3.75	1.25	602011-02	60208240	
121	BELL ROAD	2013+62.60	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	766.96	11.49	754.92	12.05	0.00	602416-04	60224459	
122	BELL ROAD	2026+00.01	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	764.02	3.18	760.26	3.76	1.25	602011-02	60208240	
123	BELL ROAD	2026+00.01	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	764.59	7.88	755.92	8.67	0.00	602416-04	60224459	
124	BELL ROAD	2021+50.01	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	761.53	3.21	757.77	3.76	1.25	602011-02	60208240	
125	BELL ROAD	2023+00.01	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	762.36	3.20	758.60	3.76	1.25	602011-02	60208240	
126	BELL ROAD	2024+50.01	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	763.19	3.19	759.43	3.76	1.25	602011-02	60208240	
127	BELL ROAD	2027+50.01	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	764.85	3.18	761.09	3.76	1.25	602011-02	60208240	
128	BELL ROAD	2029+00.01	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	765.68	3.18	761.92	3.76	1.25	602011-02	60208240	
129	BELL ROAD	2024+50.01	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	763.19	4.18	758.57	4.62	1.25	602011-02	60208240	
130	BELL ROAD	2019+60.01	45.50 LT	CATCH BASINS TYPE C	TYPE 8 GRATE	759.82	2.60	756.85	2.97	1.25	602011-02	60207605	
131	BELL ROAD	2018+00.00	42.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	762.15	5.17	756.04	6.11	0.00	602401-03	60218400	
132	BELL ROAD	2018+10.00	78.00 RT	MANHOLE TYPE A 5-FT DIA	TYPE 1 FRAME CLOSED LID	760.13	5.23	752.93	7.20	0.00	602401-03	60221100	
133	BELL ROAD	2017+00.00	42.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	763.25	5.90	756.51	6.73	0.00	602401-03	60218400	
134	BELL ROAD	2017+00.00	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	762.68	3.09	758.92	3.76	1.25	602011-02	60208240	
135	BELL ROAD	2014+75.00	42.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	765.72	7.29	757.63	8.09	0.00	602401-03	60218400	
136	BELL ROAD	2014+80.00	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	765.10	3.20	761.34	3.76	1.25	602011-02	60208240	
137	BELL ROAD	2012+65.00	42.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	768.03	4.77	762.48	5.56	0.00	602401-03	60218400	
138	BELL ROAD	2012+65.00	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	767.47	3.17	763.70	3.76	1.25	602011-02	60208240	
139	BELL ROAD	2010+50.00	42.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	770.40	6.39	763.53	6.87	0.00	602401-03	60218400	
140	BELL ROAD	2010+50.00	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	769.83	3.20	766.07	3.76	1.25	602011-02	60208240	
141	BELL ROAD	2008+37.00	42.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	772.14	4.69	767.19	4.95	0.00	602401-03	60218400	
142	BELL ROAD	2008+32.00	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	771.61	4.05	767.32	4.29	1.25	602011-02	60208240	
143	BELL ROAD	2019+85.01	43.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME OPEN LID	759.85	3.94	754.98	4.87	0.00	602401-03	60218300	
144	BELL ROAD	2019+35.00	33.95 LT	CATCH BASINS TYPE A 4-FT DIA	TYPE 24 F & G	760.70	3.89	756.26	4.45	1.25	602001-02	60201340	
145	BELL ROAD	2019+60.01	33.95 LT	CATCH BASINS TYPE A 4-FT DIA	TYPE 24 F & G	760.68	4.15	755.84	4.84	1.25	602001-02	60201340	
146	BELL ROAD	2019+85.00	33.95 LT	CATCH BASINS TYPE A 4-FT DIA	TYPE 24 F & G	760.71	5.10	754.42	6.29	1.25	602011-02	60201340	
147	BELL ROAD	2021+50.01	43.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME OPEN LID	760.67	3.63	756.02	4.65	0.00	602401-03	60218300	
148	BELL ROAD	2022+50.01	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	762.09	4.34	757.34	4.74	1.25	602011-02	60208240	
149	BELL ROAD	2022+50.01	43.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME OPEN LID	761.22	3.77	756.57	4.65	0.00	602401-03	60218300	
150	BELL ROAD	2027+10.00	42.00 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	765.20	7.64	756.44	8.76	0.00	602401-03	60218400	
151	BELL ROAD	2024+50.01	43.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME OPEN LID	762.33	3.31	758.33	4.00	0.00	602401-03	60218300	
152	BELL ROAD	2025+50.01	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	763.75	4.25	759.00	4.75	1.25	602011-02	60208240	
153	BELL ROAD	2025+50.01	42.75 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME OPEN LID	762.88	3.51	758.88	4.00	0.00	602401-03	60218300	
154	BELL ROAD	2030+50.01	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	766.51	3.19	762.75	3.76	1.25	602011-02	60208240	
155	BELL ROAD	2014+55.56	57.11 LT	CATCH BASINS TYPE C	TYPE 8 GRATE	760.10	1.66	757.85	2.25	1.25	602011-02	60207605	
156	BELL ROAD	2012+65.00	48.12 LT	CATCH BASINS TYPE C	TYPE 8 GRATE	767.08	2.59	764.13	2.95	1.25	602011-02	60207605	
157	BELL ROAD	2014+56.76	56.66 RT	CONCRETE COLLAR			0.00	761.57	6.10	0.00		54248510	0.12 CY YD
158	BELL ROAD	2018+20.00	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	761.37	3.14	757.61	3.76	1.25	602011-02	60208240	
159	BELL ROAD	2018+65.00	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	761.00	3.30	757.23	3.76	1.25	602011-02	60208240	
160	BELL ROAD	2021+50.01	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	761.53	4.19	756.91	4.62	1.25	602011-02	60208240	
161	BELL ROAD	2021+50.01	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	762.10	6.53	754.64	7.46	0.00	602416-04	60224459	
162	BELL ROAD	2023+00.01	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	762.93	7.01	755.07	7.86	0.00	602416-04	60224459	

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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1984

USER NAME = USHA669697	DESIGNED - RGW	REVISED -
	DRAWN - RSK	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-SEP-2021 17:35	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE SCHEDULE

SCALE: SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	72
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

STORM SEWER STRUCTURE SCHEDULE

STRUCTURE NO.	ALIGNMENT	STATION	OFFSET (FT) (RT +/-LT-)	STRUCTURE TYPE	FRAME AND GRATE	RIM ELEV. (FT)	FREEBOARD (FT)	MIN INVERT ELEV. (FT)	DEPTH (FT)	SUMP DEPTH (FT)	STANDARD DETAIL	PAY ITEM NO.	COMMENTS
163	BELL ROAD	2024+50.01	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	763.76	7.44	755.49	8.27	0.00	602416-04	60224459	
164	BELL ROAD	2027+50.01	42.00 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	765.42	4.34	760.26	5.16	0.00	602401-03	60218400	
165	BELL ROAD	2029+00.01	42.00 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	765.99	4.32	760.99	5.00	0.00	602401-03	60218400	
166	BELL ROAD	2030+50.01	42.00 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	766.82	3.91	762.34	4.49	0.00	602401-03	60218400	
167	BELL ROAD	2032+15.01	43.00 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	767.99	4.05	763.54	4.45	0.00	602401-03	60218400	
168	BELL ROAD	2032+20.01	33.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	767.45	3.25	763.69	3.76	1.25	602011-02	60208240	
169	BELL ROAD	2020+50.01	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	760.98	4.35	756.24	4.74	1.25	602011-02	60208240	
170	BELL ROAD	2023+50.01	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	762.64	4.33	757.90	4.74	1.25	602011-02	60208240	
171	BELL ROAD	2019+00.00	33.95 LT	CATCH BASINS TYPE A 4-FT DIA	TYPE 24 F & G	760.81	3.35	756.99	3.81	1.25	602001-02	60201340	
172	BELL ROAD	2020+50.01	43.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME OPEN LID	760.12	3.88	755.29	4.83	0.00	602401-03	60218300	
173	BELL ROAD	2023+50.01	43.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME OPEN LID	761.78	3.53	757.53	4.25	0.00	602401-03	60218300	
174	BELL ROAD	2027+10.00	34.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME OPEN LID	764.63	3.35	759.72	4.91	0.00	602401-03	60218300	
175	BELL ROAD	2028+50.01	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	765.41	3.33	761.64	3.76	1.25	602011-02	60208240	
176	BELL ROAD	2030+00.01	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	766.24	3.37	762.47	3.76	1.25	602011-02	60208240	
177	BELL ROAD	2032+10.01	47.70 LT	CATCH BASINS TYPE C	TYPE 24 F & G	767.05	3.20	763.29	3.76	1.25	602011-02	60208240	
178	BELL ROAD	2027+10.00	41.62 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	764.57	4.01	759.74	4.83	0.00	602401-03	60218400	
179	BELL ROAD	2028+50.01	42.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	765.71	4.37	760.67	5.05	0.00	602401-03	60218400	
180	BELL ROAD	2030+00.01	42.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	766.54	4.26	761.76	4.78	0.00	602401-03	60218400	
181	BELL ROAD	2031+43.01	42.00 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	767.45	4.22	762.80	4.64	0.00	602401-03	60218400	
182	BELL ROAD	2021+49.69	61.47 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"			0.00	754.77	0.03	0.00	542301-03	54213669	
183	BELL ROAD	2018+60.00	42.00 RT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	761.59	6.39	753.84	7.75	0.00	602416-04	60224459	
184	BELL ROAD	2018+58.00	104.50 RT	MANHOLE TYPE A 5-FT DIA	TYPE 1 FRAME CLOSED LID	760.13	5.63	752.55	7.58	0.00	602401-03	60221100	
185	BELL ROAD	2018+60.46	62.00 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"			0.00	754.14	0.06	0.00	542301-03	54213669	
186	BELL ROAD	2019+84.91	59.26 RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"			0.00	754.69	0.11	0.00	542301-03	54213669	
350	BELL ROAD	2029+33.10	70.06 LT	CONCRETE COLLAR			0.00	755.62	4.00	0.00		54248510	0.12 CY YD
352	BELL ROAD	2029+33.01	63.31 RT	CATCH BASINS TYPE C	TYPE 8 GRATE	761.75	2.74	758.24	3.51	3.5	602011-02	60207605	
600	BELL ROAD	2048+02.00	63.75 LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"			0.00	747.00	1.00	0.00	542301-03	54213669	
601	BELL ROAD	2048+00.00	42.50 LT	DETENTION BASIN OUTLET STRUCTURE	2-TYPE 1 FRAME CLOSED LID	756.03	6.77	747.18	8.86	0.00		X0327218	
602	BELL ROAD	2041+75.01	33.00 RT	CATCH BASINS TYPE C	TYPE 24 F & G	763.27	3.15	759.51	3.76	1.25	602011-02	60208240	
603	BELL ROAD	2040+00.01	33.76 RT	CATCH BASINS TYPE C	TYPE 24 F & G	765.15	3.16	761.38	3.77	1.25	602011-02	60208240	
604	BELL ROAD	2039+65.01	33.91 LT	CATCH BASINS TYPE C	TYPE 24 F & G	765.45	4.37	760.45	4.99	1.25	602011-02	60208240	
605	BELL ROAD	2039+50.00	50.27 LT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME OPEN LID	764.11	12.62	750.82	13.29	0.00	602416-04	60224457	ALIGN LID TO DITCH BOTTOM, 53.27 LT
606	BELL ROAD	2041+60.01	33.05 LT	CATCH BASINS TYPE C	TYPE 24 F & G	763.46	3.11	759.69	3.76	1.25	602011-02	60208240	
607	BELL ROAD	2043+50.00	33.05 LT	CATCH BASINS TYPE A 4-FT DIA	TYPE 24 F & G	761.12	3.75	756.68	4.44	1.25	602011-02	60201340	
608	BELL ROAD	2041+75.01	43.00 LT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	763.88	12.96	750.17	13.71	0.00	602416-04	60224459	
609	BELL ROAD	2043+50.01	43.00 LT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	761.65	11.17	749.66	11.98	0.00	602416-04	60224459	
610	BELL ROAD	2037+42.00	54.10 LT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	765.93	14.08	751.42	14.51	0.00	602401-03	60224459	
611	BELL ROAD	2045+75.00	43.00 LT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	758.61	8.78	748.01	10.60	0.00	602416-04	60224459	
615	BELL ROAD	2043+50.01	32.66 RT	CATCH BASINS TYPE C	TYPE 24 F & G	761.13	3.23	757.29	3.84	1.25	602011-02	60208240	
616	BELL ROAD	2037+00.01	45.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	766.74	3.55	762.62	4.12	1.25	602011-02	60208240	
617	BELL ROAD	2036+70.00	55.43 LT	MANHOLE TYPE A 8-FT DIA	TYPE 1 FRAME CLOSED LID	766.75	14.85	751.62	15.13	0.00	602401-03	60224459	
618	BELL ROAD	2037+42.01	33.95 LT	CATCH BASINS TYPE C	TYPE 24 F & G	766.83	4.07	762.23	4.60	1.25	602011-02	60208240	
623	BELL ROAD	2035+50.01	45.95 RT	CATCH BASINS TYPE C	TYPE 24 F & G	767.49	3.28	763.73	3.76	1.25	602011-02	60208240	
627	BELL ROAD	2035+95.01	34.67 LT	CATCH BASINS TYPE C	TYPE 24 F & G	767.55	3.21	763.81	3.73	1.25	602011-02	60208240	
629	BELL ROAD	2039+50.01	39.00 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	766.07	4.43	760.91	5.16	0.00	602401-03	60218400	
630	BELL ROAD	2037+00.01	55.00 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	767.33	4.24	762.50	4.83	0.00	602401-03	60218400	
631	BELL ROAD	2035+60.01	55.00 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	768.03	4.12	763.52	4.51	0.00	602401-03	60218400	
632	BELL ROAD	2038+10.00	39.34 RT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	766.85	4.92	761.90	4.95	0.00	602401-03	60218400	
633	BELL ROAD	2036+15.01	56.44 LT	MANHOLE TYPE A 4-FT DIA	TYPE 1 FRAME CLOSED LID	766.35	2.55	763.35	3.00	0.00	602401-03	60218400	
4744-C	MEADOWVIEW LANE	78+31.46	14.97 RT	CONCRETE COLLAR			0.00	759.52	3.05	0.00		54248510	0.12 CY YD
4744-N	MEADOWVIEW LANE	78+41.53	18.51 RT	CATCH BASINS TYPE C	TYPE 24 F & G	762.93	2.64	759.72	3.40	1.25		60208240	

FILE NAME = T:\16912A Bell Road\Civil\Plans\Cover-notes-500\DI -sh.t - Schedule_Drains.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - RGW	REVISED -
	DRAWN - RSK	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-SEP-2021 17:35	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE SCHEDULE

SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	73
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

LONGITUDINAL UNDERDRAINS

PIPE UNDERDRAINS, TYPE 2, 4" (60108204)							
FROM STATION	OFFSET	TO STATION	OFFSET	OUTLETS TO STR.	LENGTH (FT)	COMMENTS	
2007+90.00	34.00	LT 2008+31.00	33.95	LT 142	41		
2008+33.00	34.00	LT 2010+49.00	34.00	LT 139	216		
2010+51.00	34.00	LT 2012+64.00	34.00	LT 138	213		
2013+91.00	36.29	LT 2017+79.00	34.00	LT 136	388		
2017+81.00	34.00	LT 2016+99.00	34.00	LT 134	82		
2017+01.00	34.00	LT 2018+19.00	34.00	LT 158	118		
2018+21.00	34.00	LT 2018+64.00	34.00	LT 159	43		
2018+66.00	32.00	LT 2019+84.00	32.00	LT 146	120	UNDERDRAIN TRENCH TO BE PLACED ON THE INDISE EDGE OF THE PAVEMENT DUE TO CONFLICT WITH STORM SEWERS	
2034+14.00	34.00	LT 2032+11.00	47.70	LT 177	203		
2031+32.00	34.00	LT 2030+01.00	34.00	LT 176	131		
2029+99.00	34.00	LT 2028+51.00	34.00	LT 175	148		
2028+49.00	34.00	LT 2027+01.00	34.00	LT 174	148		
2026+99.00	34.00	LT 2025+51.00	34.00	LT 152	148		
2025+49.00	34.00	LT 2024+51.00	34.00	LT 129	98		
2024+49.00	34.00	LT 2023+51.00	34.00	LT 170	98		
2023+49.00	34.00	LT 2022+51.00	34.00	LT 148	98		
2022+49.00	34.00	LT 2021+51.00	34.00	LT 160	98		
2021+49.00	34.00	LT 2020+51.00	34.00	LT 169	98		
2020+49.00	34.00	LT 2019+86.00	34.00	LT 146	63		
2034+14.00	45.50	LT 2035+94.00	34.70	LT 627	180		
2035+96.00	34.70	LT 2037+41.00	34.00	LT 618	145		
2037+43.00	34.00	LT 2039+64.00	34.00	LT 604	221		
2039+66.00	34.00	LT 2041+60.00	33.00	LT 606	194		
2041+62.00	33.00	LT 2043+49.00	33.00	LT 607	187		
2044+35.00	33.00	LT 2043+51.00	33.00	LT 607	84	REVERSED FLOW DIRECTION	
2007+90.00	34.00	RT 2008+31.00	34.00	RT 116	41		
2008+33.00	34.00	RT 2010+69.00	34.00	RT 114	236		
2010+71.00	34.00	RT 2012+54.00	34.00	RT 112	183		
2013+80.00	34.00	RT 2014+99.00	34.00	RT 110	119		
2015+01.00	34.00	RT 2016+49.00	34.00	RT 108	148		
2016+51.00	34.00	RT 2017+98.00	34.00	RT 101	151	UNDERDRAIN TRENCH TO BE PLACED ON THE INDISE EDGE OF THE PAVEMENT DUE TO CONFLICT WITH STORM SEWERS	
2018+02.00	34.00	RT 2018+39.00	34.00	RT 118	37		
2018+41.00	32.00	RT 2018+59.00	32.00	RT 117	20	UNDERDRAIN TRENCH TO BE PLACED ON THE INDISE EDGE OF THE PAVEMENT DUE TO CONFLICT WITH STORM SEWERS	
2018+02.00	34.00	RT 2019+34.00	34.00	RT 102	132		
2019+36.00	32.00	RT 2019+84.00	32.00	RT 105	50	UNDERDRAIN TRENCH TO BE PLACED ON THE INDISE EDGE OF THE PAVEMENT DUE TO CONFLICT WITH STORM SEWERS	
2034+14.00	40.25	RT 2032+21.00	34.00	RT 168	193		
2032+19.00	34.00	RT 2030+51.00	34.00	RT 154	168		
2030+49.00	34.00	RT 2029+01.00	34.00	RT 128	148		
2028+99.00	34.00	RT 2027+51.00	34.00	RT 127	148		
2027+49.00	34.00	RT 2027+18.00	34.00	RT 150	41	UNDERDRAIN TRENCH TO BE PLACED ON THE INDISE EDGE OF THE PAVEMENT DUE TO CONFLICT WITH STORM SEWERS	
2027+08.00	34.00	RT 2026+01.00	34.00	RT 122	107		
2025+99.00	34.00	RT 2024+51.00	34.00	RT 126	148		
2024+49.00	34.00	RT 2023+01.00	34.00	RT 125	148		
2022+99.00	34.00	RT 2021+51.00	34.00	RT 124	148		
2021+49.00	34.00	RT 2020+41.00	34.00	RT 119	108		
2020+39.00	34.00	RT 2019+86.00	34.00	RT 105	53		
2034+14.00	40.25	RT 2035+49.00	46.00	RT 623	135		
2035+51.00	46.00	RT 2036+99.00	46.00	RT 616	148		
2037+01.00	46.00	RT 2039+99.00	33.80	RT 603	298		
2040+01.00	33.80	RT 2041+74.00	33.00	RT 602	173		
2041+76.00	33.00	RT 2043+49.00	32.70	RT 615	173		
2044+35.00	32.50	RT 2043+51.00	32.70	RT 615	84	REVERSED FLOW DIRECTION	
				TOTAL	7101		

TRANSVERSE UNDERDRAINS

PIPE UNDERDRAINS, TYPE 2, 4" (60108204)							
PIPE	FROM STATION	OFFSET	TO STATION	OFFSET	OUTLETS TO STR.	LENGTH (FT)	
U20	2010+50.00	0.00	LT 2010+50.00	33.00	LT 140	33	
U21	2010+70.00	0.00	RT 2010+70.00	33.00	RT 114	33	
U2	2012+55.00	0.00	RT 2012+55.00	33.00	RT 112	33	
U3	2012+65.00	0.00	LT 2012+65.00	33.00	LT 138	33	
U22	2014+80.00	5.50	RT 2014+80.00	33.00	LT 136	39	
U23	2015+00.00	5.50	RT 2015+00.00	33.00	RT 110	28	
U4	2016+50.00	5.50	RT 2016+50.00	33.00	RT 108	28	
U5	2017+00.00	5.50	RT 2017+00.00	33.00	LT 134	39	
U7	2019+85.00	3.70	RT 2019+85.00	33.00	LT 146	37	
U6	2019+85.00	3.70	RT 2019+85.00	33.00	LT 105	37	
U24	2021+50.00	0.00	LT 2021+50.00	33.00	LT 160	33	
U25	2021+50.00	0.00	RT 2021+50.00	33.00	RT 124	33	
U9	2024+50.00	0.00	LT 2024+50.00	33.00	LT 129	33	
U8	2024+50.00	0.00	RT 2024+50.00	33.00	RT 126	33	
U10	2028+50.00	5.50	LT 2028+50.00	33.00	LT 175	28	
U11	2027+50.00	3.50	LT 2027+50.00	33.00	RT 127	37	
U12	2030+00.00	5.50	LT 2030+00.00	33.00	LT 176	28	
U13	2030+50.00	5.50	LT 2030+50.00	33.00	RT 154	39	
U26	2032+10.00	0.00	LT 2032+10.00	46.70	LT 177	47	
U27	2032+20.00	0.00	RT 2032+20.00	33.00	RT 168	33	
U15	2035+95.00	0.00	LT 2035+95.00	33.70	LT 627	34	
U14	2037+00.00	0.00	RT 2037+00.00	45.00	RT 616	45	
U16	2039+65.00	5.50	LT 2039+65.00	33.00	RT 604	39	
U17	2040+00.00	5.50	LT 2040+00.00	33.00	LT 603	28	
U28	2041+60.00	0.70	RT 2041+60.00	32.05	LT 606	33	
U18	2043+50.00	0.00	RT 2043+50.00	31.70	RT 615	32	
U19	2043+50.00	0.00	LT 2043+50.00	32.05	LT 607	33	
					TOTAL	928	

SANITARY MANHOLES TO BE ADJUSTED (X6026050)					
STRUCTURE ID	ALIGNMENT	STATION	OFFSET	RIM ELEVATION	QUANTITY (EACH)
4240	BELL ROAD	2009+08.53	45.46 LT	771.66	1
4761	MEADOWVIEW LANE	78+57.65	24.69 RT	763.96	1
4913	BELL ROAD	2012+97.14	70.93 RT	767.07	1
4914	BELL ROAD	2012+98.22	58.66 RT	767.12	1
5475	BELL ROAD	2016+99.48	51.53 RT	760.91	1
6778	BELL ROAD	2031+54.96	53.72 LT	767.10	1
7270	BELL ROAD	2037+20.50	41.79 LT	767.25	1
7328	BELL ROAD	2034+38.69	54.12 LT	768.22	1
				TOTAL	8

FRAMES AND GRATES TO BE ADJUSTED (60300105)					
STRUCTURE ID	ALIGNMENT	STATION	OFFSET	RIM ELEVATION	QUANTITY (EACH)
6616	BELL ROAD	2029+33.16	72.56 LT	760.52	1
				TOTAL	1

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WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697
PLOT SCALE =
PLOT DATE = 21-SEP-2021 17:35

DESIGNED - RGW
DRAWN - RSK
CHECKED - DVS
DATE - 10/04/2021

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE SCHEDULE

SCALE: SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	74
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

STORM SEWER PIPE SCHEDULE

PIPE NO.	PIPE PAY ITEM NAME	ALIGNMENT	FROM STRUCTURE	FROM STATION	FROM OFFSET	FROM INVERT (UPSTREAM)	TO STRUCTURE	TO STATION	TO OFFSET	TO INVERT (DOWNSTREAM)	TYPE	DIAMETER (INCH)	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CU YD)	PAYITEM NO.	COMMENTS
P101	STORM SEWERS CLASS A TYPE 2 30"	BELL ROAD	101	2018+00.00	42.00 RT	753.14	132	2018+10.00	78.00 RT	752.93	2	30	28.21	0.75	0.00	550A0430	
P102	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	102	2019+35.00	33.95 RT	756.94	104	2019+60.00	33.95 RT	756.42	2	12	22.15	2.35	2.92	550A0340	
P103	STORM SEWERS CLASS A TYPE 1 60"	BELL ROAD	103	2019+85.01	42.00 RT	754.19	183	2018+60.00	42.00 RT	753.84	1	60	117.81	0.30	0.00	550A0210	
P104	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	104	2019+60.00	33.95 RT	756.05	105	2019+85.00	33.95 RT	755.21	2	12	21.13	4.00	4.54	550A0340	
P105	STORM SEWERS CLASS A TYPE 2 24"	BELL ROAD	105	2019+85.00	33.95 RT	754.21	103	2019+85.01	42.00 RT	754.19	2	24	3.05	0.50	1.96	550A0410	
P106	STORM SEWERS CLASS A TYPE 1 60"	BELL ROAD	106	2020+40.01	42.00 RT	754.33	103	2019+85.01	42.00 RT	754.19	1	60	47.07	0.30	0.00	550A0210	
P107	STORM SEWERS CLASS A TYPE 2 60"	BELL ROAD	107	2016+50.00	42.00 RT	754.11	101	2018+00.00	42.00 RT	753.68	2	60	143.40	0.30	120.89	550A0500	
P108	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	108	2016+50.00	33.95 RT	759.60	107	2016+50.00	42.00 RT	759.54	1	12	3.05	2.00	0.40	550A0050	
P109	STORM SEWERS CLASS A TYPE 2 60"	BELL ROAD	109	2015+00.00	42.00 RT	754.53	107	2016+50.00	42.00 RT	754.11	2	60	141.03	0.30	0.00	550A0500	72 CU YD CLSM
P110	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	110	2015+00.00	33.95 RT	761.12	109	2015+00.00	42.00 RT	761.06	2	12	3.05	2.00	0.40	550A0340	
P111	STORM SEWERS CLASS A TYPE 2 60"	BELL ROAD	111	2012+55.00	42.00 RT	755.22	121	2013+80.00	42.00 RT	754.92	2	60	99.60	0.30	0.00	550A0500	186 CU YD CLSM
P112	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	112	2012+55.00	33.95 RT	763.81	111	2012+55.00	42.00 RT	763.75	2	12	3.05	2.00	0.40	550A0340	
P113	STORM SEWERS CLASS A TYPE 2 60"	BELL ROAD	113	2010+70.00	42.00 RT	755.75	111	2012+55.00	42.00 RT	755.22	2	60	177.00	0.30	0.00	550A0500	128 CU YD CLSM
P114	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	114	2010+70.00	33.95 RT	765.85	113	2010+70.00	42.00 RT	765.78	2	12	3.05	2.00	0.40	550A0340	
P115	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	115	2008+37.00	42.00 RT	767.59	113	2010+70.00	42.00 RT	766.17	2	12	227.00	0.62	0.00	550A0340	8 CU YD CLSM
P116	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	116	2008+32.00	33.95 RT	767.72	115	2008+37.00	42.00 RT	767.59	2	12	6.48	2.00	0.86	550A0340	
P117	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	117	2018+60.00	33.95 RT	756.77	183	2018+60.00	42.00 RT	756.74	2	12	3.05	1.00	0.53	550A0340	
P118	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	118	2018+40.00	33.95 RT	757.42	117	2018+60.00	33.95 RT	756.77	2	12	17.13	3.83	2.26	550A0340	
P119	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	119	2020+40.01	33.95 RT	757.16	106	2020+40.01	42.00 RT	757.10	2	12	3.05	1.97	0.40	550A0340	
P120	STORM SEWER (WATER MAIN REQUIREMENTS) 12"	BELL ROAD	120	2013+42.66	64.08 RT	763.22	121	2013+62.60	42.00 RT	762.72	1	12	24.75	2.00	3.27	Z0056608	
P121	STORM SEWERS CLASS A TYPE 2 60"	BELL ROAD	121	2013+62.60	42.00 RT	754.92	109	2015+00.00	42.00 RT	754.53	2	60	128.55	0.30	23.94	550A0500	
P122	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	122	2026+00.01	33.95 RT	760.26	123	2026+00.01	42.00 RT	760.20	2	12	3.05	2.00	0.40	550A0340	
P123	STORM SEWERS CLASS A TYPE 2 60"	BELL ROAD	123	2026+00.01	42.00 RT	755.92	163	2024+50.01	42.00 RT	755.49	2	60	142.00	0.30	0.00	550A0500	
P124	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	124	2021+50.01	33.95 RT	757.77	161	2021+50.01	42.00 RT	757.71	2	12	3.05	1.96	0.40	550A0340	
P125	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	125	2023+00.01	33.95 RT	758.60	162	2023+00.01	42.00 RT	758.54	2	12	3.05	1.97	0.40	550A0340	
P126	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	126	2024+50.01	33.95 RT	759.43	163	2024+50.01	42.00 RT	759.37	2	12	3.05	2.00	0.40	550A0340	
P127	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	127	2027+50.01	33.95 RT	761.09	164	2027+50.01	42.00 RT	760.99	2	12	5.05	2.00	0.67	550A0340	
P128	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	128	2029+00.01	33.95 RT	761.92	165	2029+00.01	42.00 RT	761.79	1	12	5.05	2.50	0.67	550A0050	
P129	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	129	2024+50.01	33.95 LT	758.57	151	2024+50.01	43.00 LT	758.33	2	12	6.05	4.00	0.91	550A0340	
P130	STORM SEWERS CLASS A TYPE 2 18"	BELL ROAD	130	2019+60.01	45.50 LT	756.85	145	2019+60.01	33.95 LT	756.66	1	18	9.55	2.00	1.00	550A0380	
P131	STORM SEWERS CLASS A TYPE 2 18"	BELL ROAD	131	2018+00.00	42.00 LT	756.04	101	2018+00.00	42.00 RT	755.64	2	18	79.00	0.50	0.00	550A0380	27 CU YD CLSM
P132	STORM SEWERS CLASS A TYPE 2 30"	BELL ROAD	132	2018+10.00	78.00 RT	752.93	184	2018+58.00	104.50	752.55	2	30	50.42	0.75	0.00	550A0430	
P133	STORM SEWERS CLASS A TYPE 2 18"	BELL ROAD	133	2017+00.00	42.00 LT	756.51	131	2018+00.00	42.00 LT	756.04	2	18	95.53	0.50	0.00	550A0380	
P134	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	134	2017+00.00	33.95 LT	758.92	133	2017+00.00	42.00 LT	758.89	2	12	5.05	0.50	0.67	550A0340	
P135	STORM SEWERS CLASS A TYPE 2 15"	BELL ROAD	135	2014+75.00	42.00 LT	757.63	133	2017+00.00	42.00 LT	756.51	2	15	222.19	0.50	0.00	550A0360	
P136	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	136	2014+80.00	33.95 LT	761.34	135	2014+75.00	42.00 LT	761.31	2	12	6.49	0.50	0.86	550A0340	
P137	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	137	2012+65.00	42.00 LT	762.48	135	2014+75.00	42.00 LT	761.44	2	12	206.69	0.50	0.00	550A0340	21 CU YD CLSM
P138	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	138	2012+65.00	33.95 LT	763.70	137	2012+65.00	42.00 LT	763.60	2	12	5.05	2.00	0.67	550A0340	
P139	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	139	2010+50.00	42.00 LT	763.53	137	2012+65.00	42.00 LT	762.48	2	12	211.00	0.50	0.00	550A0340	
P140	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	140	2010+50.00	33.95 LT	766.07	139	2010+50.00	42.00 LT	766.04	2	12	5.05	0.50	0.67	550A0340	
P141	STORM SEWER (WATER MAIN REQUIREMENTS) 12"	BELL ROAD	141	2008+37.00	42.00 LT	767.19	139	2010+50.00	42.00 LT	763.53	2	12	209.00	1.75	0.00	Z0056608	20 CU YD CLSM
P142	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	142	2008+32.00	33.95 LT	767.32	141	2008+37.00	42.00 LT	767.19	2	12	6.48	2.00	0.61	550A0340	
P143	STORM SEWERS CLASS A TYPE 2 18"	BELL ROAD	143	2019+85.01	43.00 LT	754.98	146	2019+85.00	33.95 LT	754.92	2	18	6.05	1.00	1.55	550A0380	
P144	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	144	2019+35.00	33.95 LT	756.26	145	2019+60.01	33.95 LT	755.84	2	12	20.88	2.00	3.61	550A0340	
P145	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	145	2019+60.01	33.95 LT	755.84	146	2019+85.00	33.95 LT	755.42	2	12	20.87	2.00	4.49	550A0340	
P146	STORM SEWERS CLASS A TYPE 2 24"	BELL ROAD	146	2019+85.00	33.95 LT	754.42	105	2019+85.00	33.95 RT	754.21	2	24	61.90	0.35	0.00	550A0410	24 CU YD CLSM
P147	STORM SEWERS CLASS A TYPE 2 15"	BELL ROAD	147	2021+50.01	43.00 LT	756.02	172	2020+50.01	43.00 LT	755.54	2	15	96.00	0.50	0.00	550A0360	
P148	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	148	2022+50.01	33.95 LT	757.34	149	2022+50.01	43.00 LT	757.22	2	12	6.05	2.00	0.92	550A0340	
P149	STORM SEWERS CLASS A TYPE 2 15"	BELL ROAD	149	2022+50.01	43.00 LT	756.57	147	2021+50.01	43.00 LT	756.09	2	15	96.00	0.50	0.00	550A0360	
P150	STORM SEWERS CLASS A TYPE 2 18"	BELL ROAD	150	2027+10.00	42.00 RT	756.44	123	2026+00.01	42.00 RT	755.92	2	18	103.99	0.50	0.00	550A0380	
P151	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	151	2024+50.01	43.00 LT	758.33	173	2023+50.01	43.00 LT	757.78	1	12	96.00	0.58	0.00	550A0050	
P152	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	152	2025+50.01	33.95 LT	759.00	153	2025+50.01	42.75 LT	758.88	2	12	5.80	2.00	0.88	550A0340	
P153	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	153	2025+50.01	42.75 LT	758.88	151	2024+50.01	43.00 LT	758.33	1	12	96.00	0.58	0.00	550A0050	
P154	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	154	2030+50.01	33.95 RT	762.75	166	2030+50.01	42.00 RT	762.65	1	12	5.05	2.00	0.67	550A0050	
P155	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	155	2014+55.56	57.11 LT	757.85	135	2014+75.00	42.00 LT	757.63	2	12	21.74	1.00	5.13	550A0340	
P156	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	156	2012+65.00	48.12 LT	764.13	137	2012+65.00	42.00 LT	764.03	1	12	3.12	3.00	0.00	550A0050	
P157	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	157	2014+56.76	56.66 RT	761.57	109	2015+00.00	42.00 RT	761.06	2	12	41.35	1.23	0.00	550A0340	
P158	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	158	2018+20.00	33.95 LT	757.61	131	2018+00.00	42.00 LT	757.51	2	12	18.45	0.50	2.44	550A0340	
P159	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	159	2018+65.00	33.95 LT	757.23	171	2019+00.00	33.95 LT	756.99	1	12	31.83	0.75	4.20	550A0050	
P160	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	160	2021+50.01	33.95 LT	756.91	147	2021+50.01	43.00 LT	756.67	2	12	6.05	4.00	0.80	550A0340	
P161	STORM SEWERS CLASS A TYPE 1 60"	BELL ROAD	161	2021+50.01	42.00 RT	754.64	106	2020+40.01	42.00 RT	754.33	1	60	102.00	0.30	0.00	550A0210	
P162	STORM SEWERS CLASS A TYPE 1 60"	BELL ROAD	162	2023+00.01	42.00 RT	755.07	161	2021+50.01	42.00 RT	754.64	1	60	142.00	0.30	0.00	550A0210	
P163	STORM SEWERS CLASS A TYPE 2 60"	BELL ROAD	163	2024+50.01	42.00 RT	755.49	162	2023+00.01	42.00 RT	755.07	2	60	142.00	0.30	81.79	550A0500	
P164	STORM SEWERS CLASS A TYPE 2 15"	BELL ROAD	164	2027+50.01	42.00 RT	760.26	150	2027+10.00	42.00 RT	760.08	2	15	36.01	0.50	0.00	550A0360	

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WSP USA Inc.

STORM SEWER PIPE SCHEDULE

PIPE NO.	PIPE PAY ITEM NAME	ALIGNMENT	FROM STRUCTURE	FROM STATION	FROM OFFSET	FROM INVERT (UPSTREAM)	TO STRUCTURE	TO STATION	TO OFFSET	TO INVERT (DOWNSTREAM)	TYPE	DIAMETER (INCH)	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL (CU YD)	PAYITEM NO.	COMMENTS
P165	STORM SEWERS CLASS A TYPE 2 15"	BELL ROAD	165	2029+00.01	42.00 RT	760.99	164	2027+50.01	42.00 RT	760.26	2	15	146.00	0.50	0.00	550A0360	
P166	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	166	2030+50.01	42.00 RT	762.34	165	2029+00.01	42.00 RT	761.24	2	12	146.00	0.75	0.00	550A0340	
P167	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	167	2032+15.01	43.00 RT	763.54	166	2030+50.01	42.00 RT	762.34	2	12	161.00	0.75	0.00	550A0340	8 CU YD CLSM
P168	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	168	2032+20.01	33.95 RT	763.69	167	2032+15.01	43.00 RT	763.54	2	12	7.34	2.00	0.97	550A0340	
P169	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	169	2020+50.01	33.95 LT	756.24	172	2020+50.01	43.00 LT	756.12	2	12	6.05	2.00	0.92	550A0340	
P170	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	170	2023+50.01	33.95 LT	757.90	173	2023+50.01	43.00 LT	757.78	2	12	6.05	2.00	0.00	550A0340	
P171	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	171	2019+00.00	33.95 LT	756.99	144	2019+35.00	33.95 LT	756.76	1	12	30.82	0.75	4.07	550A0050	
P172	STORM SEWERS CLASS A TYPE 2 18"	BELL ROAD	172	2020+50.01	43.00 LT	755.29	143	2019+85.01	43.00 LT	754.98	2	18	60.92	0.50	0.00	550A0380	
P173	STORM SEWERS CLASS A TYPE 1 15"	BELL ROAD	173	2023+50.01	43.00 LT	757.53	149	2022+50.01	43.00 LT	756.97	1	15	96.00	0.58	0.00	550A0070	
P174	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	174	2027+10.00	34.00 LT	759.72	150	2027+10.00	42.00 RT	759.34	2	12	72.00	0.50	0.00	550A0340	19 CU YD CLSM
P175	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	175	2028+50.01	33.95 LT	761.64	179	2028+50.01	42.00 LT	761.59	1	12	5.05	1.00	0.67	550A0050	
P176	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	176	2030+00.01	33.95 LT	762.47	180	2030+00.01	42.00 LT	762.37	1	12	5.05	2.00	0.67	550A0050	
P177	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	177	2032+10.01	47.70 LT	763.29	181	2031+43.01	42.00 LT	762.80	2	12	64.24	0.75	0.00	550A0340	9 CU YD CLSM
P178	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	178	2027+10.00	41.62 LT	759.74	174	2027+10.00	34.00 LT	759.72	2	12	4.00	0.50	0.00	550A0340	
P179	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	179	2028+50.01	42.00 LT	760.67	178	2027+10.00	41.62 LT	759.99	2	12	136.01	0.50	26.39	550A0340	
P180	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	180	2030+00.01	42.00 LT	761.76	179	2028+50.01	42.00 LT	760.67	2	12	146.00	0.75	30.66	550A0340	
P181	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	181	2031+43.01	42.00 LT	762.80	180	2030+00.01	42.00 LT	761.76	2	12	139.00	0.75	26.41	550A0340	
P182	STORM SEWERS CLASS A TYPE 1 24"	BELL ROAD	182	2021+49.69	61.47 RT	754.77	161	2021+50.01	42.00 RT	754.64	1	24	15.47	0.86	0.00	550A0120	
P183	STORM SEWERS CLASS A TYPE 1 60"	BELL ROAD	183	2018+60.00	42.00 RT	753.84	101	2018+00.00	42.00 RT	753.68	1	60	53.39	0.30	30.75	550A0210	
P184	STORM SEWERS CLASS A TYPE 2 30"	BELL ROAD	184	2018+58.00	104.50 RT	752.55	100	2018+61.00	124.19 RT	752.42	2	30	17.42	0.75	0.00	550A0430	
P185	STORM SEWERS CLASS A TYPE 2 24"	BELL ROAD	185	2018+60.46	62.00 RT	754.14	183	2018+60.00	42.00 RT	753.84	2	24	16.01	1.88	0.00	550A0410	
P186	STORM SEWERS CLASS A TYPE 1 24"	BELL ROAD	186	2019+84.91	59.26 RT	754.69	103	2019+85.01	42.00 RT	754.19	1	24	13.26	3.74	0.00	550A0120	
P352	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	352	2029+33.01	63.31 RT	758.24	350	2029+33.10	70.06 LT	755.62	1	12	130.87	2.00	0.00	550A0050	11 CU YD CLSM
P601	STORM SEWERS CLASS A TYPE 1 24"	BELL ROAD	601	2048+00.00	42.50 LT	747.18	600	2048+02.00	63.75 LT	747.00	1	24	17.75	1.00	0.00	550A0120	
P602	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	602	2041+75.01	33.00 RT	759.51	608	2041+75.01	43.00 LT	759.16	2	12	71.00	0.50	0.00	550A0340	10 CU YD CLSM
P603	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	603	2040+00.01	33.76 RT	761.38	629	2039+50.01	39.00 RT	760.91	2	12	47.04	1.00	7.64	550A0340	
P604	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	604	2039+65.01	33.91 LT	760.45	605	2039+50.00	50.27 LT	760.11	2	12	17.23	2.00	2.80	550A0340	
P605	STORM SEWERS CLASS A TYPE 2 72"	BELL ROAD	605	2039+50.00	50.27 LT	750.82	608	2041+75.01	43.00 LT	750.17	2	72	218.68	0.30	48.20	550A0520	
P606	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	606	2041+60.00	33.05 LT	759.69	608	2041+75.01	43.00 LT	759.63	2	12	13.07	0.50	1.73	550A0340	
P607	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	607	2043+50.00	33.05 LT	756.68	609	2043+50.01	43.00 LT	756.65	2	12	4.95	0.50	0.94	550A0340	
P608	STORM SEWERS CLASS A TYPE 2 72"	BELL ROAD	608	2041+75.01	43.00 LT	750.17	609	2043+50.01	43.00 LT	749.66	2	72	167.04	0.30	0.00	550A0520	
P609	STORM SEWERS CLASS A TYPE 2 72"	BELL ROAD	609	2043+50.01	43.00 LT	749.66	611	2045+75.00	43.00 LT	749.01	2	72	216.99	0.30	79.00	550A0520	
P610	STORM SEWERS CLASS A TYPE 2 72"	BELL ROAD	610	2037+42.00	54.10 LT	751.42	605	2039+50.00	50.27 LT	750.82	2	72	200.04	0.30	0.00	550A0520	
P611	STORM SEWERS CLASS A TYPE 2 72"	BELL ROAD	611	2045+75.00	43.00 LT	748.01	601	2048+00.00	42.50 LT	747.36	2	72	217.50	0.30	0.00	550A0520	
P615	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	615	2043+50.01	32.66 RT	757.29	607	2043+50.00	33.05 LT	756.68	2	12	61.71	1.00	0.00	550A0340	8 CU YD CLSM
P616	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	616	2037+00.01	45.95 RT	762.62	630	2037+00.00	55.00 RT	762.50	2	12	6.05	2.00	0.98	550A0340	
P617	STORM SEWERS CLASS A TYPE 2 72"	BELL ROAD	617	2036+70.00	55.43 LT	751.62	610	2037+42.00	54.10 LT	751.42	2	72	64.01	0.30	0.00	550A0520	
P618	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	618	2037+42.01	33.95 LT	762.23	610	2037+42.00	54.10 LT	761.93	2	12	15.15	2.00	0.66	550A0340	TRENCH BACKFILL TO 2 FT BEHIND CURB
P623	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	623	2035+50.01	45.95 RT	763.73	631	2035+60.00	55.00 RT	763.52	2	12	10.54	2.00	0.66	550A0340	TRENCH BACKFILL TO 2 FT BEHIND CURB
P627	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	627	2035+95.01	34.67 LT	763.81	633	2036+15.00	56.44 LT	763.35	1	12	26.56	1.73	0.66	550A0050	TRENCH BACKFILL TO 2 FT BEHIND CURB
P629	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	629	2039+50.01	39.00 RT	760.91	605	2039+50.00	50.27 LT	760.11	2	12	83.27	0.96	0.00	550A0340	14 CU YD CLSM
P630	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	630	2037+00.01	55.00 RT	762.50	632	2038+10.00	39.34 RT	761.91	2	12	107.10	0.55	0.00	550A0340	14 CU YD CLSM
P631	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	631	2035+60.01	55.00 RT	763.52	630	2037+00.01	55.00 RT	762.50	2	12	136.17	0.75	0.00	550A0340	
P632	STORM SEWERS CLASS A TYPE 2 12"	BELL ROAD	632	2038+10.00	39.34 RT	761.91	629	2039+50.01	39.00 RT	760.91	2	12	136.01	0.80	29.24	550A0340	
P633	STORM SEWERS CLASS A TYPE 1 12"	BELL ROAD	633	2036+15.01	56.44 LT	763.35	617	2036+70.01	56.00 LT	762.75	1	12	49.00	1.23	0.66	550A0050	TRENCH BACKFILL TO 2 FT BEHIND CURB
P4744	STORM SEWERS CLASS A TYPE 1 12"	MEADOWVIEW LN	4744-N	78+41.53	18.51 RT	759.72	4744-C	78+31.46	14.97 RT	759.52	1	12	10.04	2.00	0.00	550A0050	1 CU YD CLSM

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WSP USA Inc.
30 N. LASALLE STREET
SUITE 400
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697
DESIGNED - RGW
DRAWN - RSK
PLOT SCALE =
PLOT DATE = 21-SEP-2021 17:35

REVISOR -
REVISOR -
CHECKED - DVS
DATE - 10/04/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE SCHEDULE

SCALE: SHEET NO. 5 OF 5 SHEETS STA. TO STA.

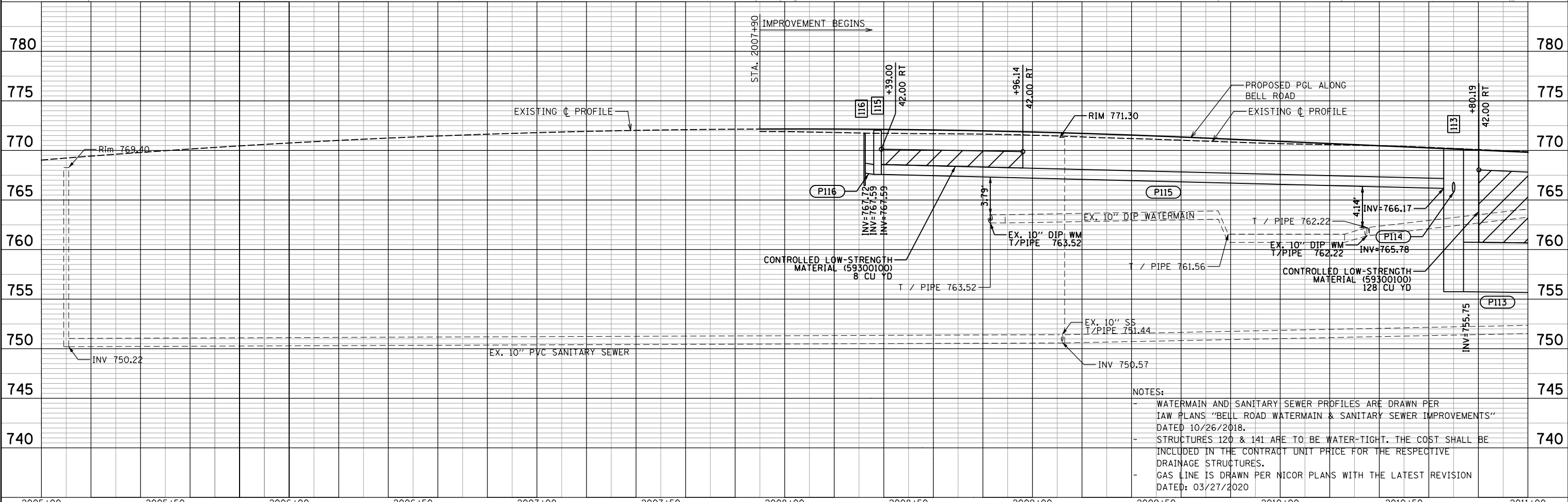
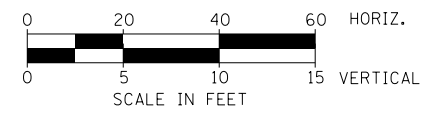
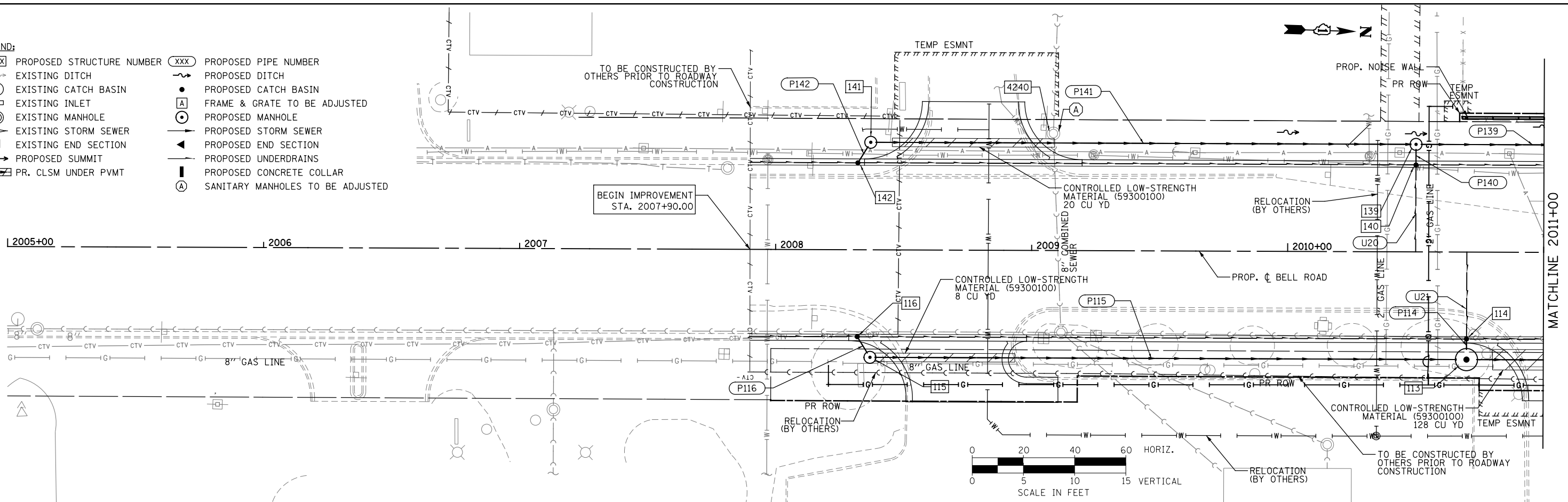
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	76
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	NO. _____	
	NO. _____	

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

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- LEGEND:**
- XXX PROPOSED STRUCTURE NUMBER
 - EXISTING DITCH
 - EXISTING CATCH BASIN
 - EXISTING INLET
 - EXISTING MANHOLE
 - EXISTING STORM SEWER
 - EXISTING END SECTION
 - PROPOSED SUMMIT
 - PR. CLSM UNDER PVMT
 - XXX PROPOSED PIPE NUMBER
 - PROPOSED DITCH
 - PROPOSED CATCH BASIN
 - FRAME & GRATE TO BE ADJUSTED
 - PROPOSED MANHOLE
 - PROPOSED STORM SEWER
 - PROPOSED END SECTION
 - PROPOSED UNDERDRAINS
 - PROPOSED CONCRETE COLLAR
 - SANITARY MANHOLES TO BE ADJUSTED



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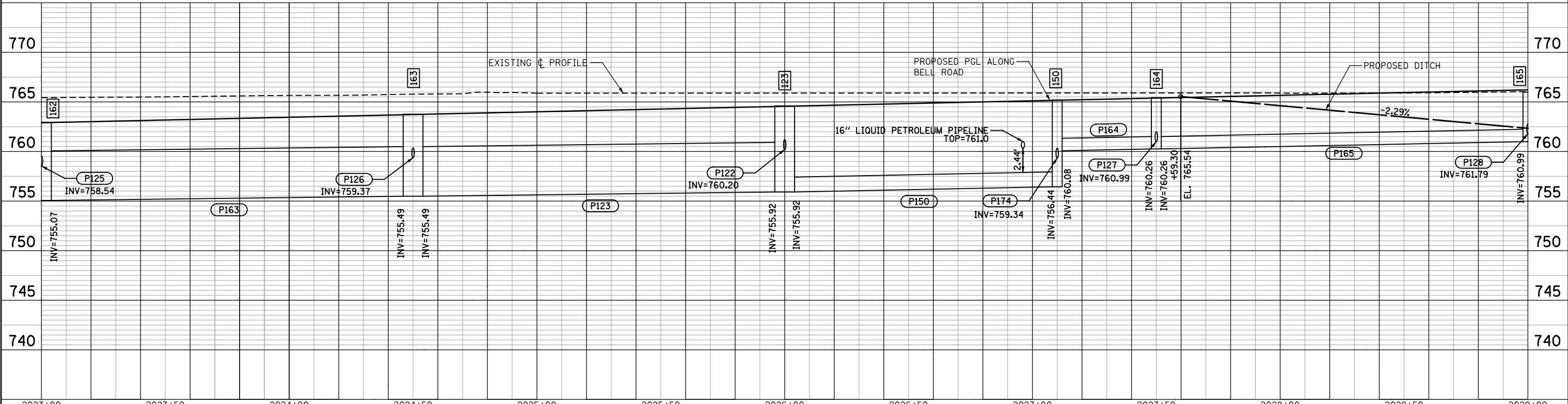
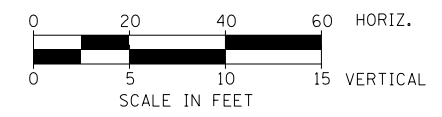
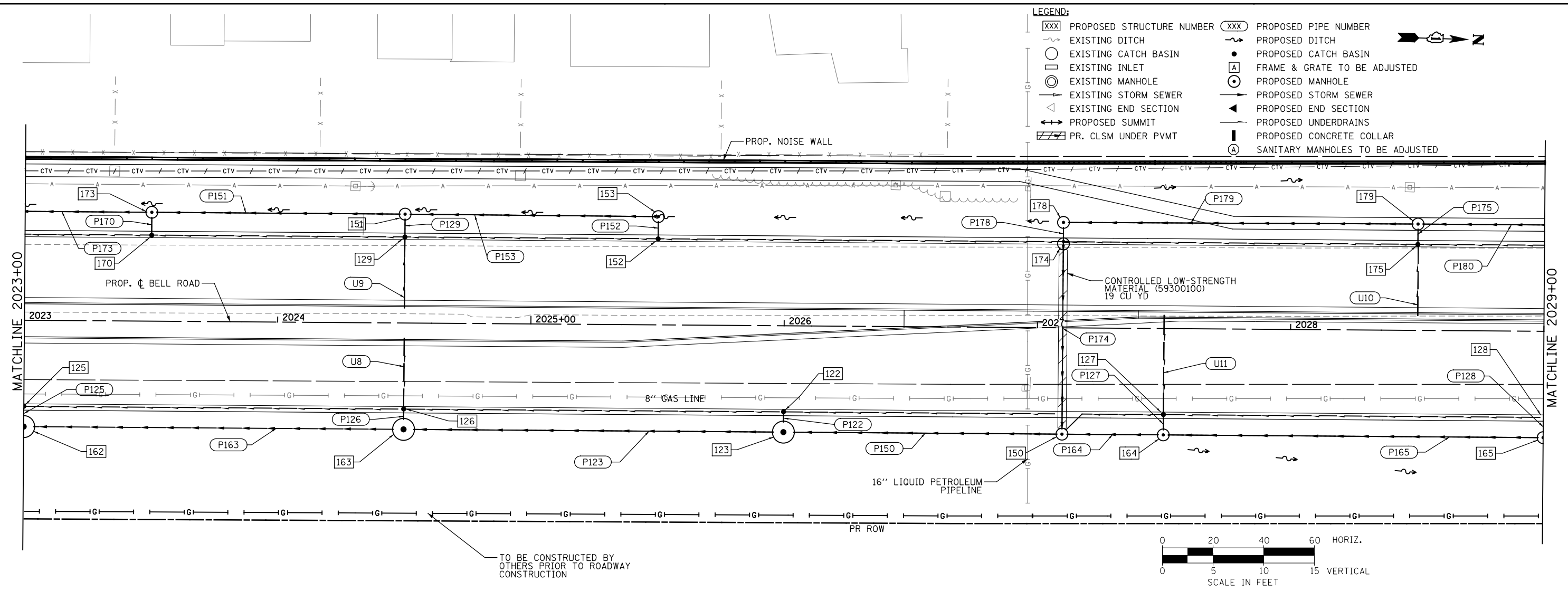
- WATERMAIN AND SANITARY SEWER PROFILES ARE DRAWN PER IAW PLANS "BELL ROAD WATERMAIN & SANITARY SEWER IMPROVEMENTS" DATED 10/26/2018.
- STRUCTURES 120 & 141 ARE TO BE WATER-TIGHT. THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE RESPECTIVE DRAINAGE STRUCTURES.
- GAS LINE IS DRAWN PER NICOR PLANS WITH THE LATEST REVISION DATED: 03/27/2020

	USER NAME = USHA669697 DESIGNED - RGW DRAWN - RSK CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE BELL ROAD - EAST TRUNK LINE	F.A.P. R.T.E. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 229 77 TOTAL SHEETS 77
	PLOT SCALE = PLOT DATE = 20-APR-2022 14:50	DATE - 10/04/2021			SCALE: 1" = 20' SHEET NO. 1 OF 17 SHEETS STA. 2005+00 TO STA. 2011+00

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

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

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 USER NAME = USHA669697



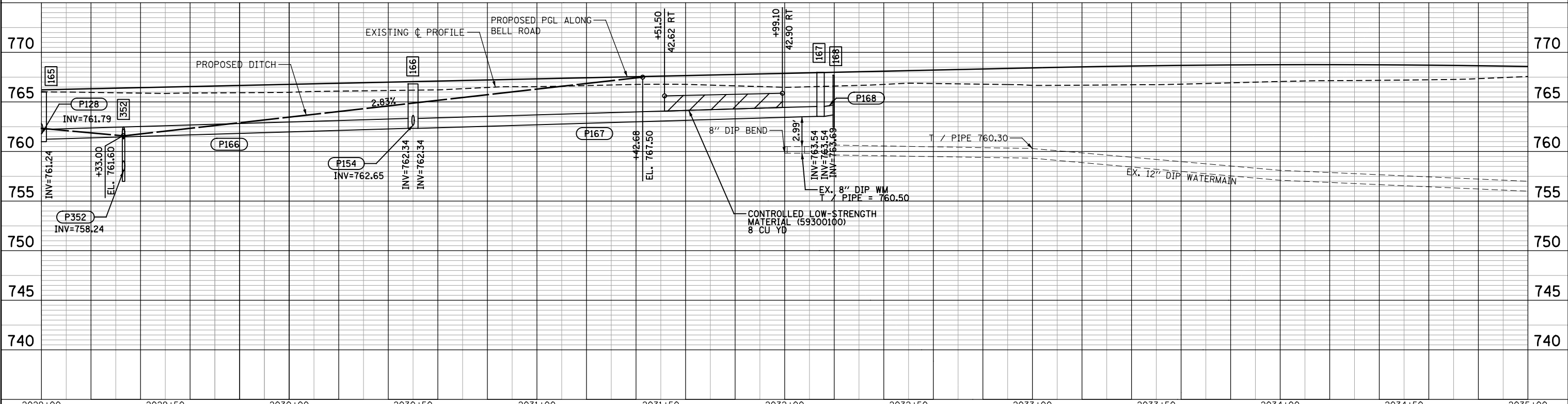
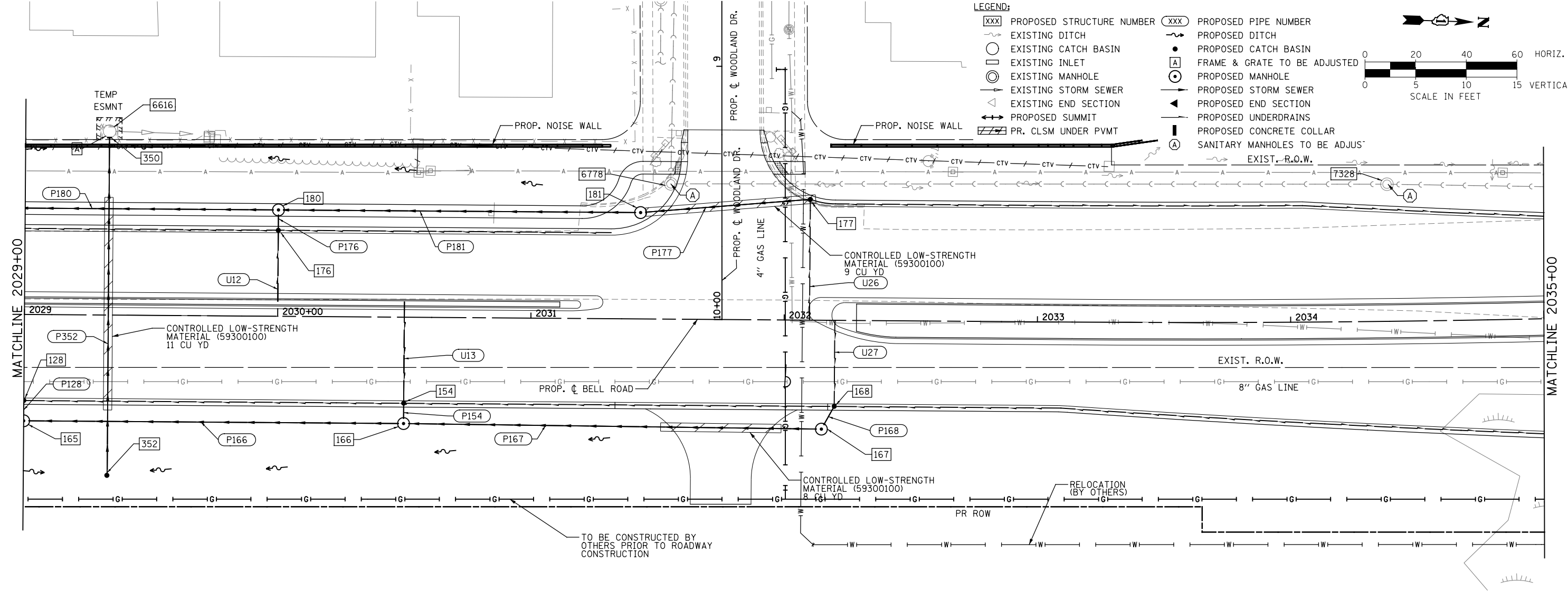
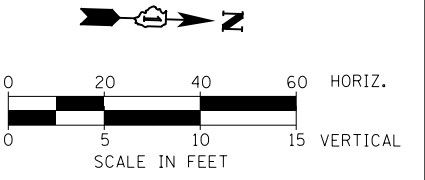
WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-4180 FAX: (312) 782-1584	USER NAME = USHA669697 DESIGNED - RGW DRAWN - RSK CHECKED - DVS PLOT DATE = 04-OCT-2021 09:42	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE BELL ROAD - EAST TRUNK LINE		F.A.P. R.T.E. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96	TOTAL SHEETS 229 SHEET NO. 80
	SCALE: 1" = 20' SHEET NO. 4 OF 17 SHEETS STA. 2023+00 TO STA. 2029+00	ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
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	ALIGNED	
	CHECKED	
	DESIGNED	
	NOTED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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- LEGEND:**
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 - XXX PROPOSED PIPE NUMBER
 - ~ EXISTING DITCH
 - ~ PROPOSED DITCH
 - EXISTING CATCH BASIN
 - PROPOSED CATCH BASIN
 - EXISTING INLET
 - PROPOSED INLET
 - EXISTING MANHOLE
 - PROPOSED MANHOLE
 - EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - △ EXISTING END SECTION
 - △ PROPOSED END SECTION
 - PROPOSED SUMMIT
 - PROPOSED UNDERDRAINS
 - ▨ PR. CLSM UNDER PVMT
 - ▨ PROPOSED CONCRETE COLLAR
 - SANITARY MANHOLES TO BE ADJUSTED

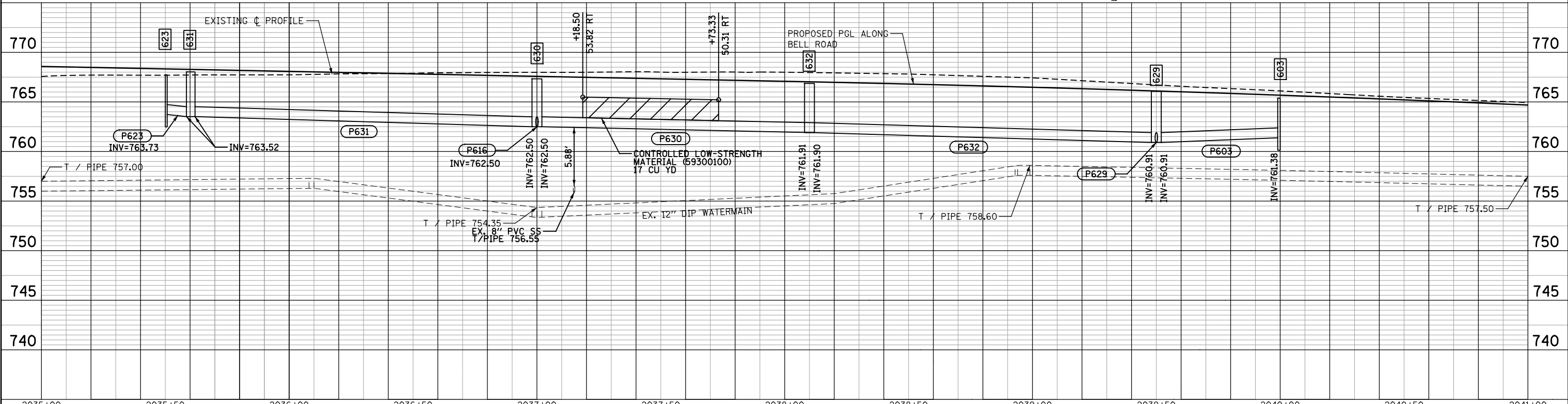
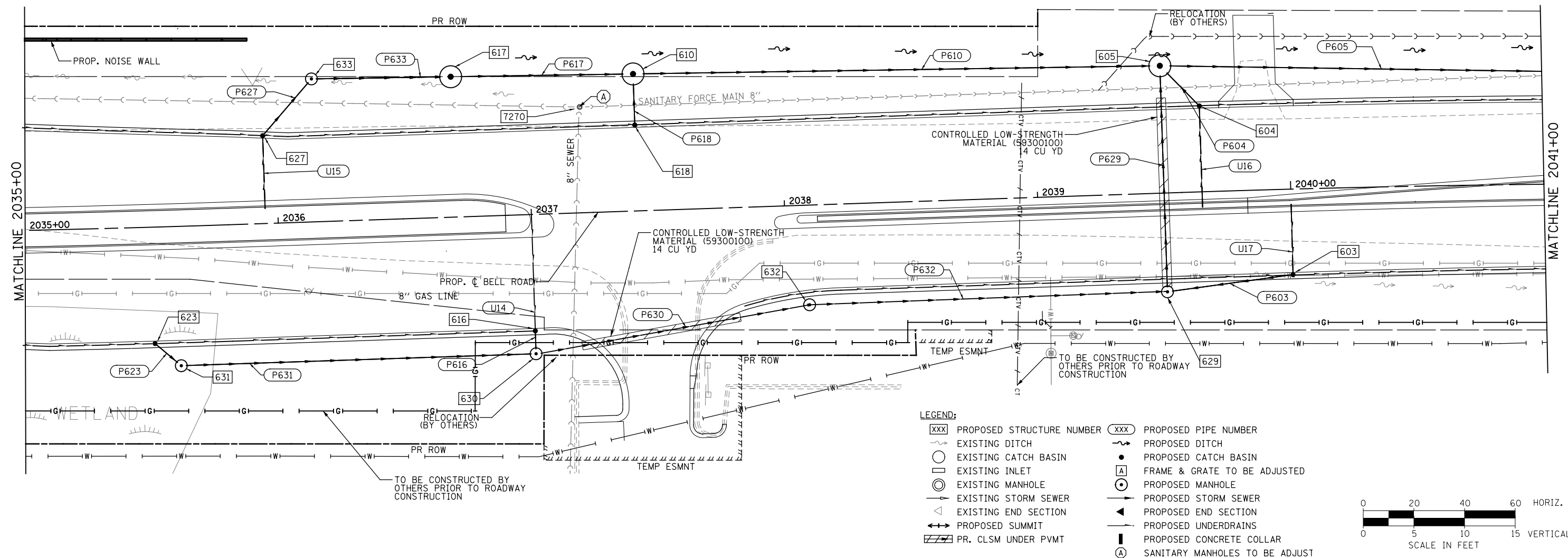


2029+00	2029+50	2030+00	2030+50	2031+00	2031+50	2032+00	2032+50	2033+00	2033+50	2034+00	2034+50	2035+00			
USER NAME = USHA669697 DESIGNED - RGW DRAWN - RSK CHECKED - DVS DATE - 10/04/2021				REVISED - REVISED - REVISED - REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DRAINAGE AND UTILITY PLAN AND PROFILE BELL ROAD - EAST TRUNK LINE			
PLOT SCALE = PLOT DATE = 04-OCT-2021 09:43				SCALE: 1" = 20' SHEET NO. 5 OF 17 SHEETS STA. 2029+00 TO STA. 2035+00				F.A.P. RTE. 0356 SECTION 99-00147-07-FP COUNTY WILL TOTAL SHEETS 229 SHEET NO. 81 CONTRACT NO. 61A96				ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
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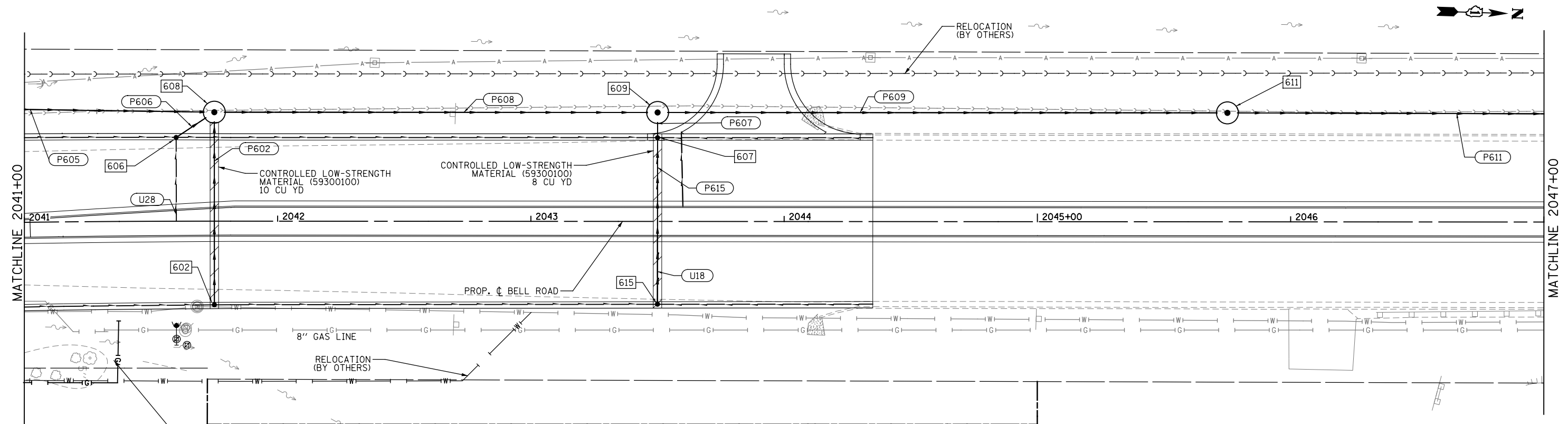


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	PLOT SCALE =	CHECKED - DVS	REVISED -			SCALE: 1" = 20'	SHEET NO. 6 OF 17 SHEETS	STA. 2035+00 TO STA. 2041+00	CONTRACT NO. 61A96			
	PLOT DATE = 03-NOV-2021 13:48	DATE - 10/04/2021	REVISED -			ILLINOIS FED. AID PROJECT						

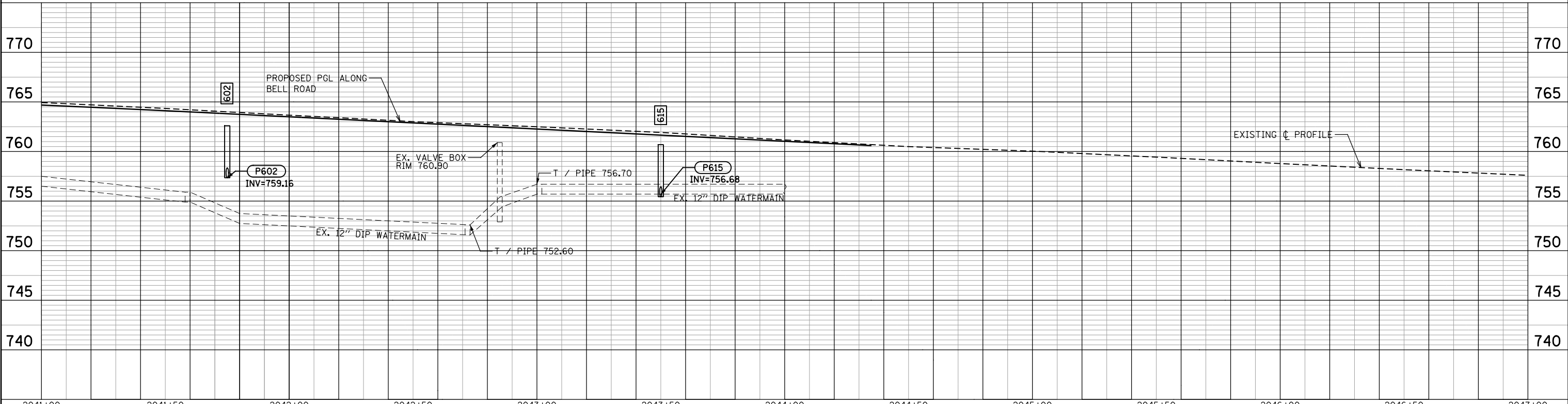
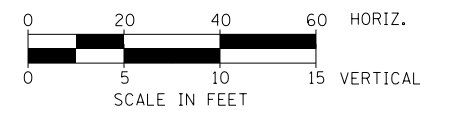
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	PLOTTED	BY
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	NOTE BOOK	
	NO. _____	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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	NOTE BOOK	
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- LEGEND:**
- xxx PROPOSED STRUCTURE NUMBER
 - EXISTING DITCH
 - EXISTING CATCH BASIN
 - EXISTING INLET
 - ⊙ EXISTING MANHOLE
 - EXISTING STORM SEWER
 - ◁ EXISTING END SECTION
 - ↔ PROPOSED SUMMIT
 - ▨ PR. CLSM UNDER PVMT
 - xxx PROPOSED PIPE NUMBER
 - PROPOSED DITCH
 - PROPOSED CATCH BASIN
 - ⊠ FRAME & GRATE TO BE ADJUSTED
 - ⊙ PROPOSED MANHOLE
 - PROPOSED STORM SEWER
 - ◁ PROPOSED END SECTION
 - ↔ PROPOSED UNDERDRAINS
 - ▬ PROPOSED CONCRETE COLLAR
 - ⊠ SANITARY MANHOLES TO BE ADJUST

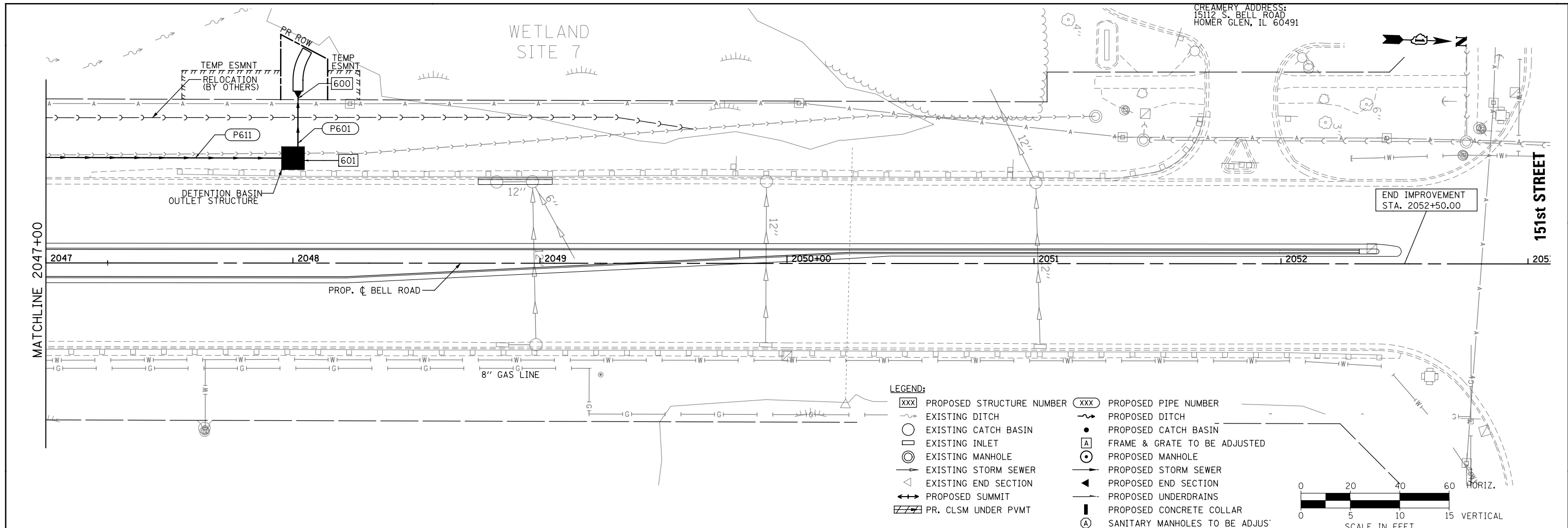


	USER NAME = USHA669697 DESIGNED - RGW DRAWN - RSK CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE BELL ROAD - EAST TRUNK LINE		F.A.P. R.T.E. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96	TOTAL SHEETS 83 SHEET NO. 7
	PLOT SCALE = PLOT DATE = 04-OCT-2021 09:43	SCALE: 1" = 20' SHEET NO. 7 OF 17 SHEETS STA. 2041+00 TO STA. 2047+00		ILLINOIS FED. AID PROJECT			

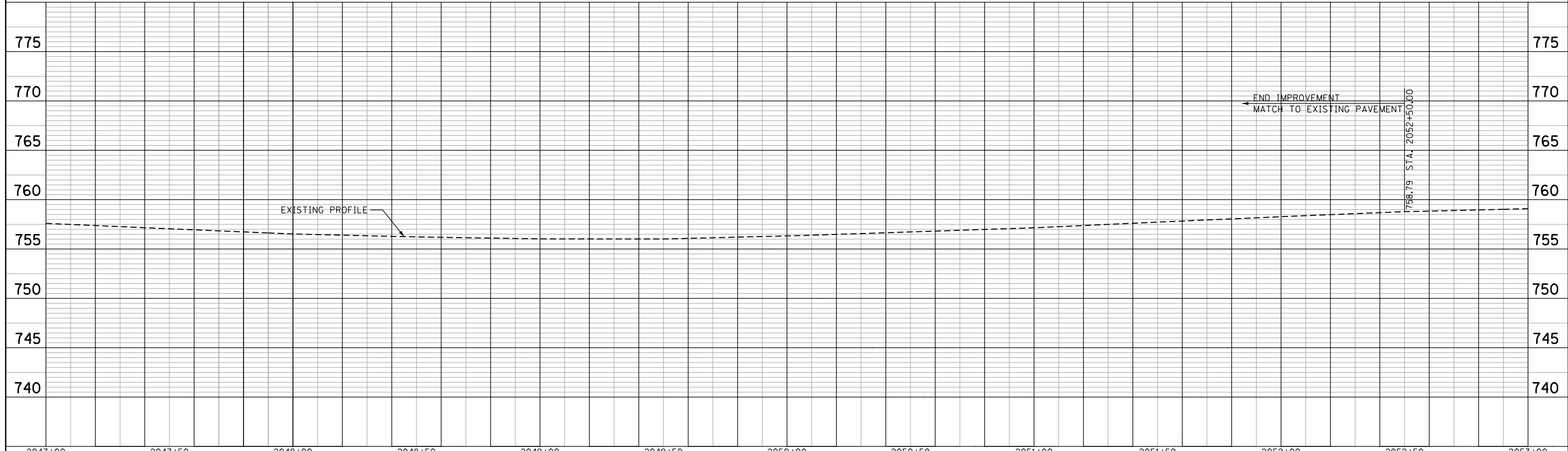
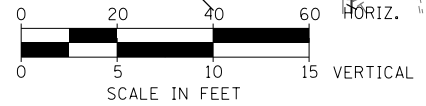
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PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
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	FILE NAME	

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- LEGEND:**
- XXX PROPOSED STRUCTURE NUMBER
 - EXISTING DITCH
 - EXISTING CATCH BASIN
 - EXISTING INLET
 - EXISTING MANHOLE
 - EXISTING STORM SEWER
 - EXISTING END SECTION
 - PROPOSED SUMMIT
 - PR. CLSM UNDER PVMT
 - XXX PROPOSED PIPE NUMBER
 - PROPOSED DITCH
 - PROPOSED CATCH BASIN
 - FRAME & GRATE TO BE ADJUSTED
 - PROPOSED MANHOLE
 - PROPOSED STORM SEWER
 - PROPOSED END SECTION
 - PROPOSED UNDERDRAINS
 - PROPOSED CONCRETE COLLAR
 - SANITARY MANHOLES TO BE ADJUSTED

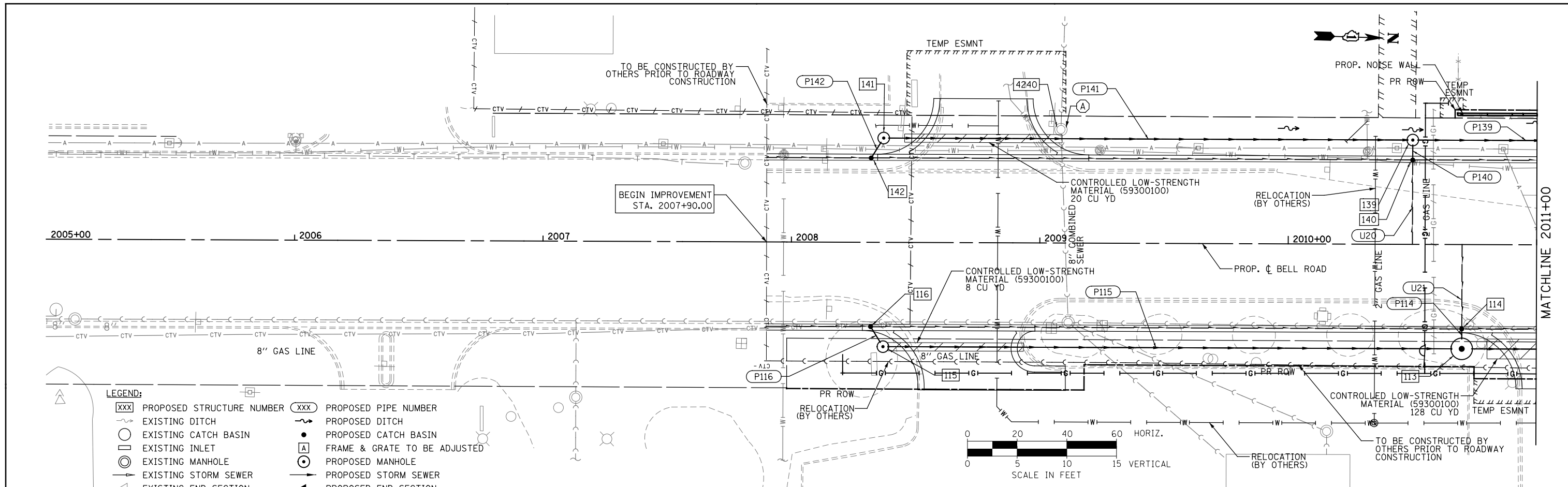


	USER NAME = USHA669697 DESIGNED - RGW DRAWN - RSK CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE BELL ROAD - EAST TRUNK LINE		F.A.P. RTE. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96	TOTAL SHEETS 84 SHEET NO. 8
	PLOT SCALE = PLOT DATE = 04-OCT-2021 09:43	SCALE: 1" = 20' SHEET NO. 8 OF 17 SHEETS STA. 2047+00 TO STA. 2053+00		ILLINOIS FED. AID PROJECT			

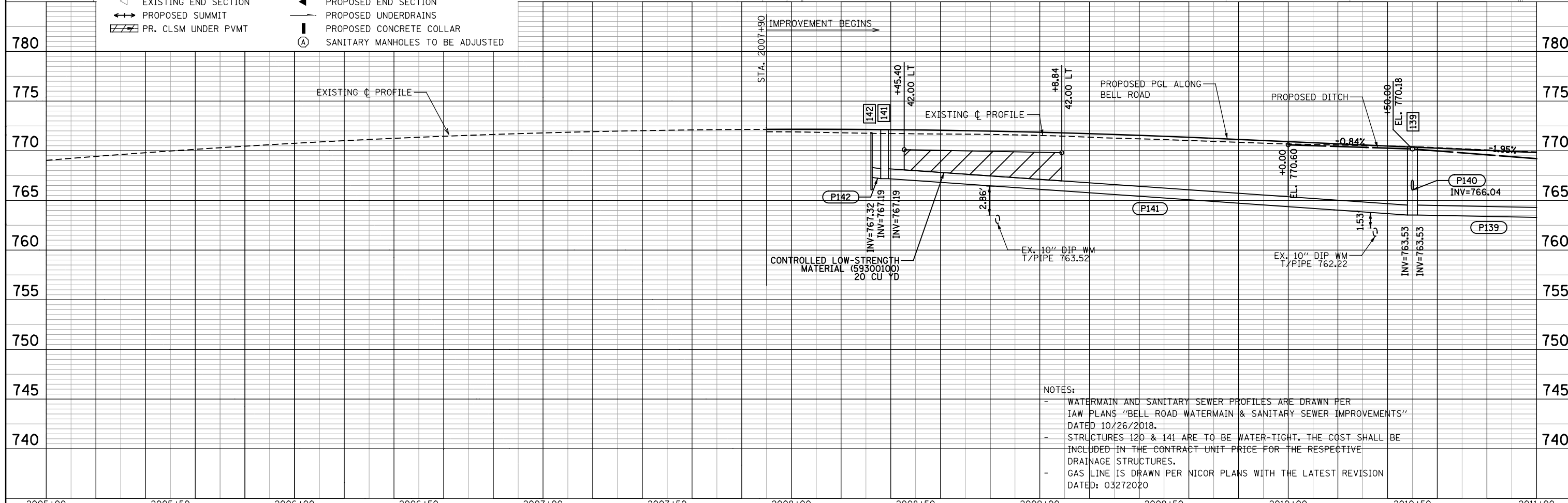
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	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
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- LEGEND:**
- | | | | |
|-----|---------------------------|-----|----------------------------------|
| XXX | PROPOSED STRUCTURE NUMBER | XXX | PROPOSED PIPE NUMBER |
| --- | EXISTING DITCH | --- | PROPOSED DITCH |
| ○ | EXISTING CATCH BASIN | ● | PROPOSED CATCH BASIN |
| □ | EXISTING INLET | ⊕ | FRAME & GRATE TO BE ADJUSTED |
| ○ | EXISTING MANHOLE | ⊕ | PROPOSED MANHOLE |
| → | EXISTING STORM SEWER | → | PROPOSED STORM SEWER |
| △ | EXISTING END SECTION | ▶ | PROPOSED END SECTION |
| ↔ | PROPOSED SUMMIT | ▬ | PROPOSED UNDERDRAINS |
| ▨ | PR. CLSM UNDER PVMT | ▬ | PROPOSED CONCRETE COLLAR |
| ⊕ | | ⊕ | SANITARY MANHOLES TO BE ADJUSTED |



NOTES:

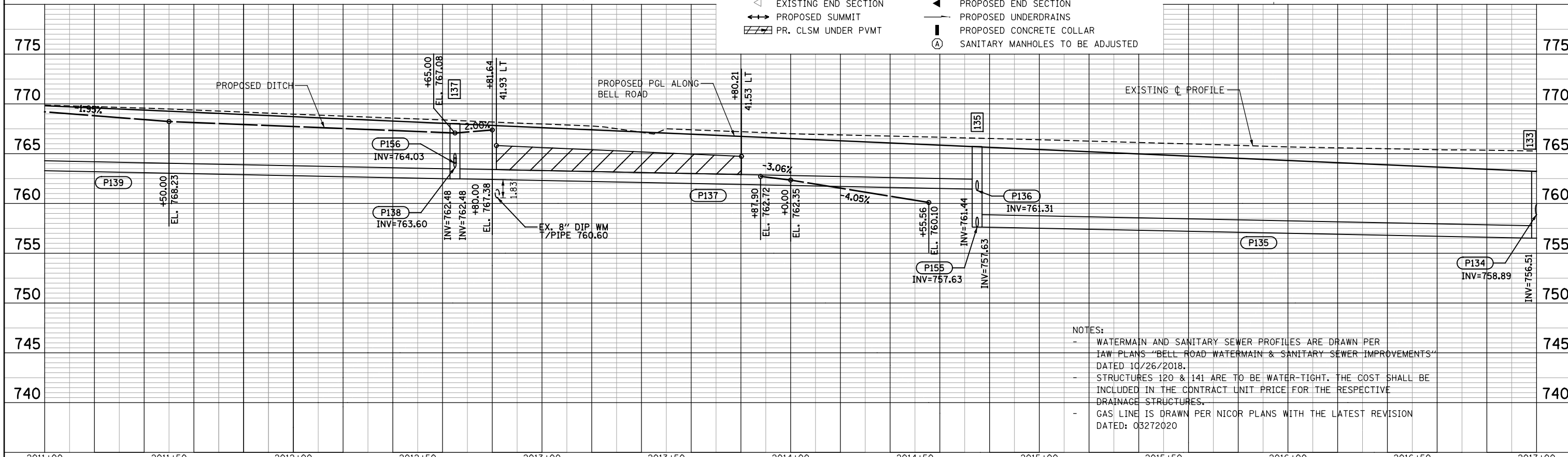
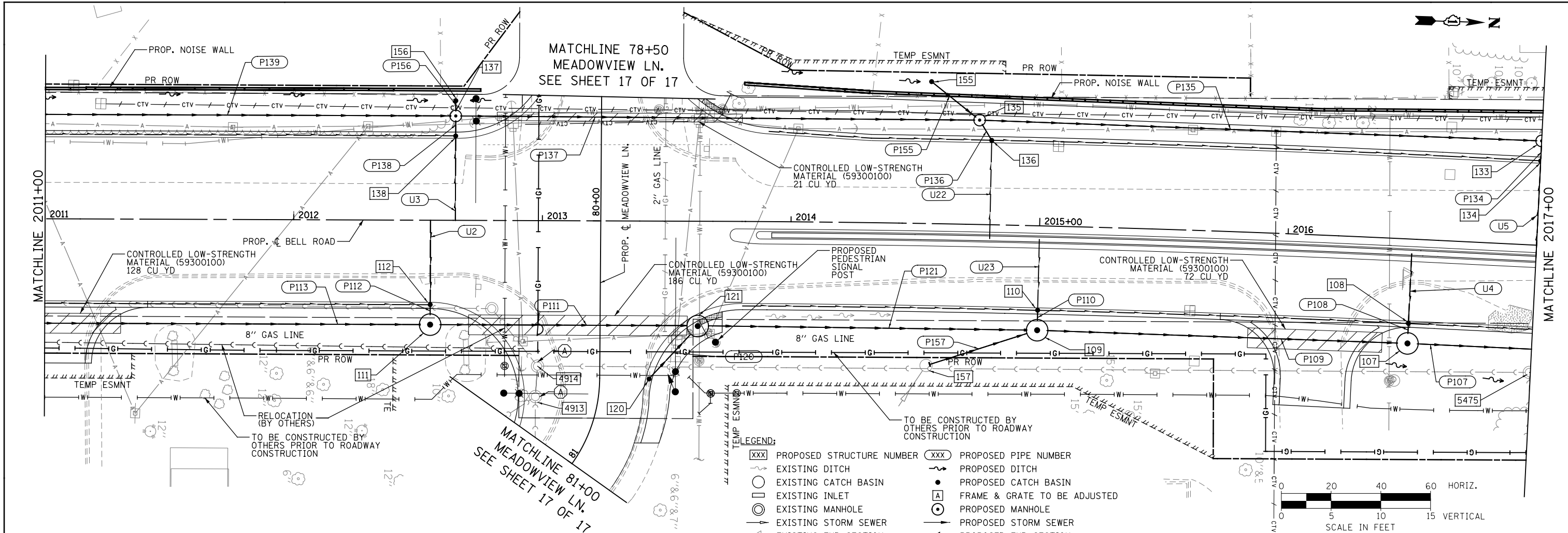
- WATERMAIN AND SANITARY SEWER PROFILES ARE DRAWN PER IAW PLANS "BELL ROAD WATERMAIN & SANITARY SEWER IMPROVEMENTS" DATED 10/26/2018.
- STRUCTURES 120 & 141 ARE TO BE WATER-TIGHT. THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE RESPECTIVE DRAINAGE STRUCTURES.
- GAS LINE IS DRAWN PER NICOR PLANS WITH THE LATEST REVISION DATED: 03272020

2005+00	2005+50	2006+00	2006+50	2007+00	2007+50	2008+00	2008+50	2009+00	2009+50	2010+00	2010+50	2011+00	
USER NAME = USHA669697 DESIGNED - JWH DRAWN - RSK CHECKED - DVS DATE - 10/04/2021				REVISED - REVISED - REVISED - REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DRAINAGE AND UTILITY PLAN AND PROFILE BELL ROAD - WEST TRUNK LINE	
PLOT SCALE = PLOT DATE = 20-APR-2022 14:50				SCALE: 1" = 20' SHEET NO. 9 OF 17 SHEETS STA. 2005+00 TO STA. 2011+00				F.A.P. RTE. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96		TOTAL SHEETS 85 SHEET NO. 85 ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NOTED	NO.
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	CHECKED
	STRUCTURE NOTATIONS OK'D	NO.

FILE NAME = T:\161912a Bell Road\civil\plans\Drainage Sheets\DI - sh-1.10 - drain\p.dgn



NOTES:
 - WATERMAIN AND SANITARY SEWER PROFILES ARE DRAWN PER LAW PLANS "BELL ROAD WATERMAIN & SANITARY SEWER IMPROVEMENTS" DATED 10/26/2018.
 - STRUCTURES 120 & 141 ARE TO BE WATER-TIGHT. THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE RESPECTIVE DRAINAGE STRUCTURES.
 - GAS LINE IS DRAWN PER NICOR PLANS WITH THE LATEST REVISION DATED: 03/27/2020

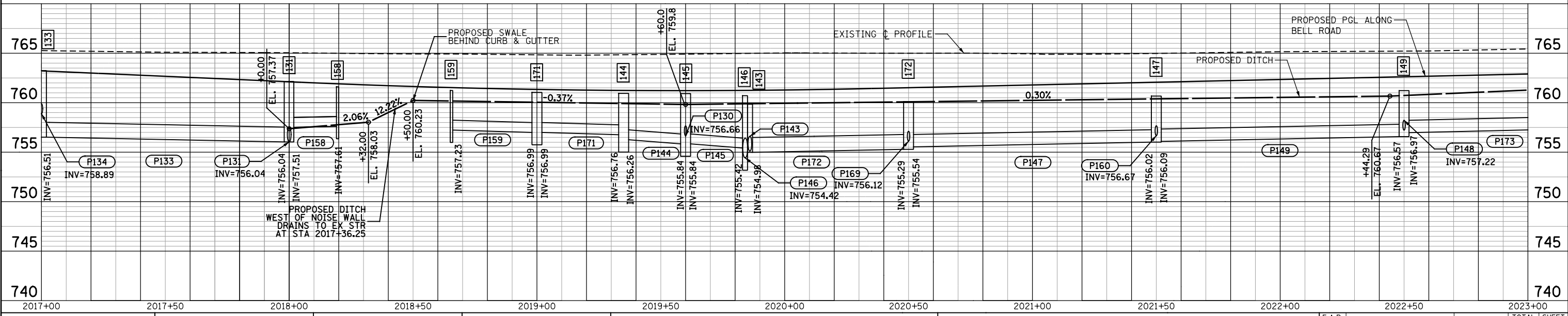
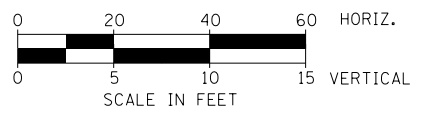
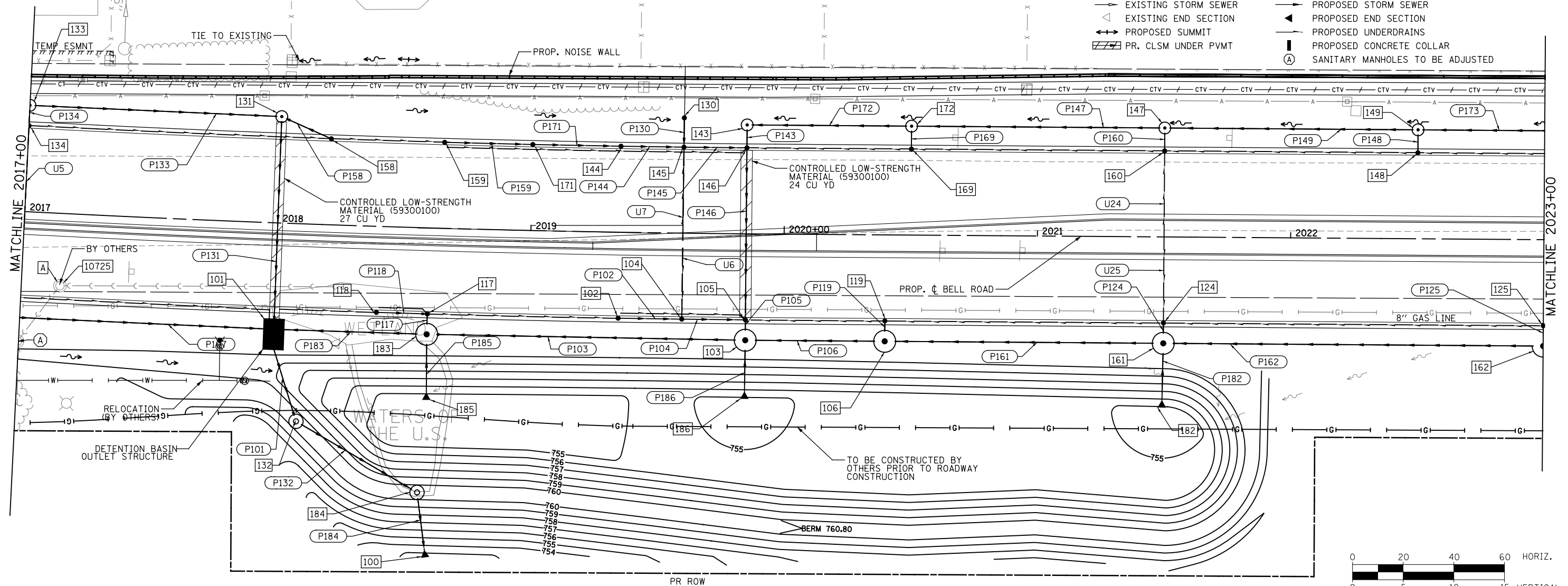
WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 762-4190 FAX: (312) 762-1984	USER NAME = USHA669697 PLOT SCALE = PLOT DATE = 12-APR-2022 09:19	DESIGNED - RGW DRAWN - RSK CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE BELL ROAD - WEST TRUNK LINE	F.A.P. R.T.E. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96	TOTAL SHEETS 86 SHEET NO. 229
	SCALE: 1" = 20' SHEET NO. 10 OF 17 SHEETS STA. 2011+00 TO STA. 2017+00				ILLINOIS FED. AID PROJECT		

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	
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- LEGEND:**
- XXX PROPOSED STRUCTURE NUMBER
 - EXISTING DITCH
 - EXISTING CATCH BASIN
 - EXISTING INLET
 - EXISTING MANHOLE
 - EXISTING STORM SEWER
 - EXISTING END SECTION
 - PROPOSED SUMMIT
 - PR. CLSM UNDER PVMT
 - XXX PROPOSED PIPE NUMBER
 - PROPOSED DITCH
 - PROPOSED CATCH BASIN
 - FRAME & GRATE TO BE ADJUSTED
 - PROPOSED MANHOLE
 - PROPOSED STORM SEWER
 - PROPOSED END SECTION
 - PROPOSED UNDERDRAINS
 - PROPOSED CONCRETE COLLAR
 - SANITARY MANHOLES TO BE ADJUSTED



USER NAME = USHA669697	DESIGNED - RGW	REVISED -
	DRAWN - RSK	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 12-APR-2022 09:19	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE
BELL ROAD - WEST TRUNK LINE**

SCALE: 1" = 20' SHEET NO. 11 OF 17 SHEETS STA. 2017+00 TO STA. 2023+00

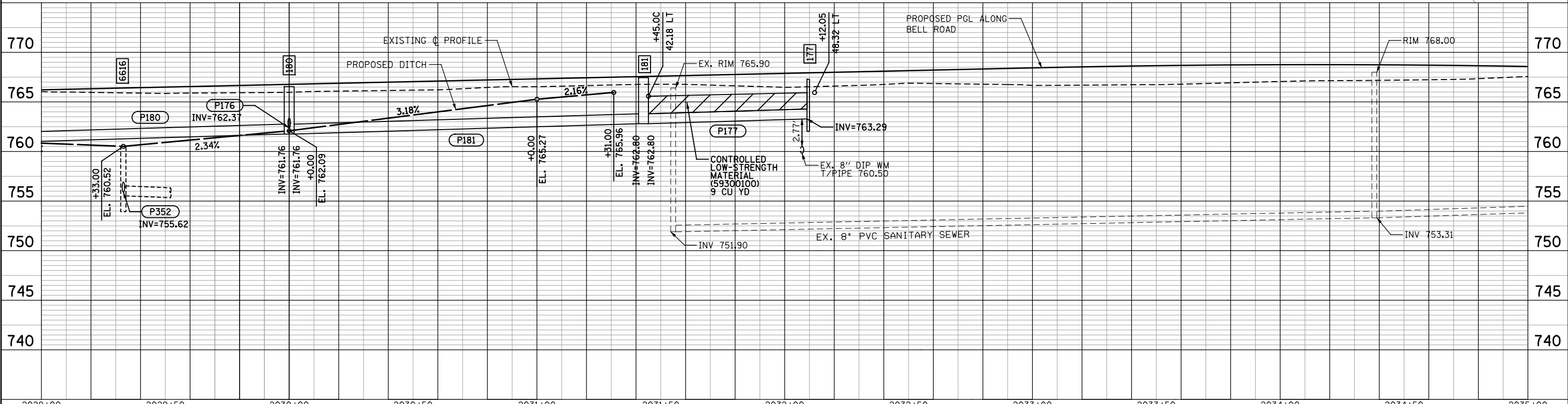
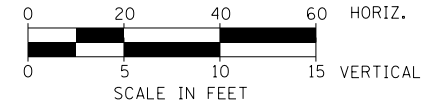
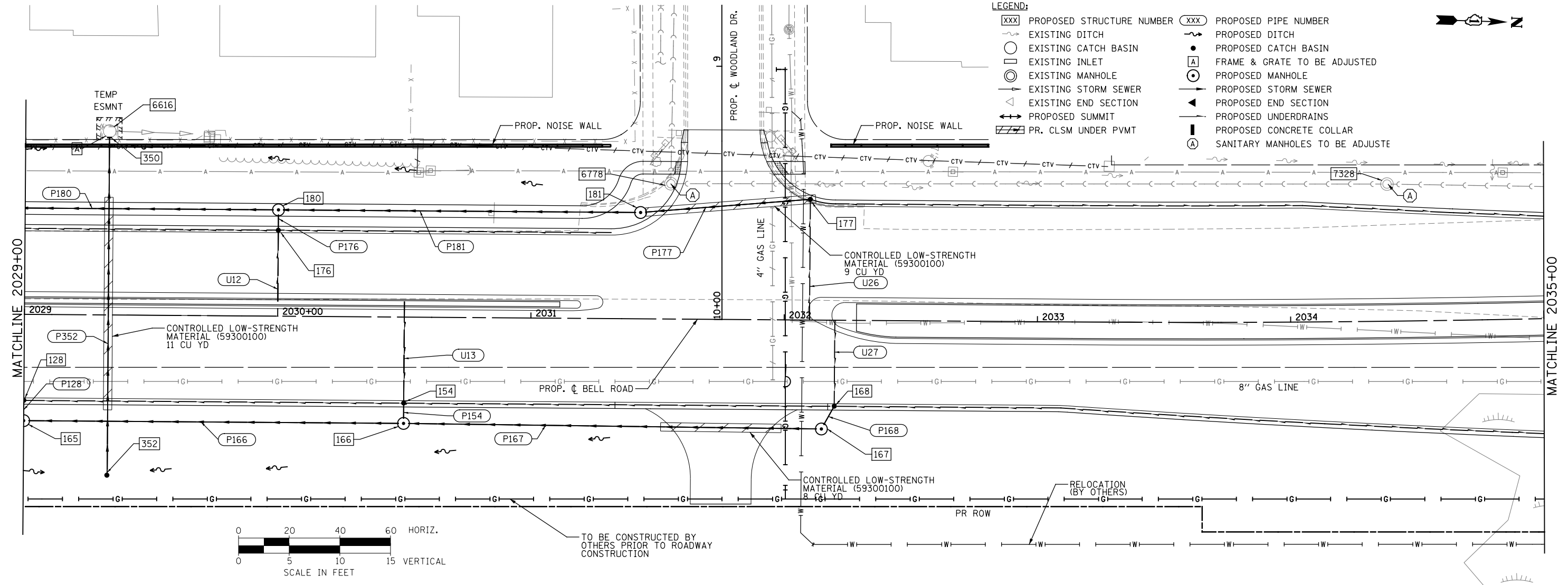
F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 87
CONTRACT NO. 61A96				ILLINOIS FED. AID PROJECT

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

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	CHECKED
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- LEGEND:**
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 - XXX PROPOSED PIPE NUMBER
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 - ~ EXISTING CATCH BASIN
 - EXISTING INLET
 - EXISTING MANHOLE
 - EXISTING STORM SEWER
 - △ EXISTING END SECTION
 - ↔ PROPOSED SUMMIT
 - ▨ PR. CLSM UNDER PVMT
 - ~ EXISTING DITCH
 - PROPOSED CATCH BASIN
 - PROPOSED MANHOLE
 - FRAME & GRATE TO BE ADJUSTED
 - PROPOSED MANHOLE
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 - ▨ PROPOSED CONCRETE COLLAR
 - SANITARY MANHOLES TO BE ADJUST

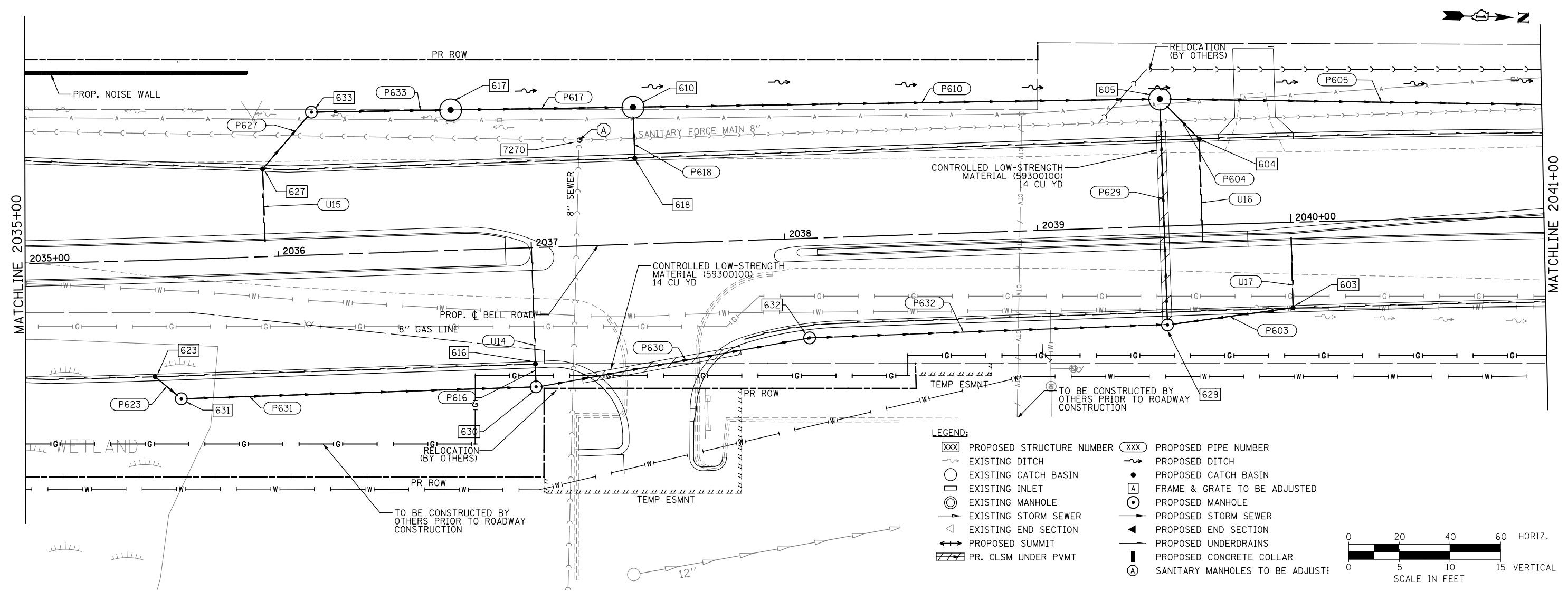


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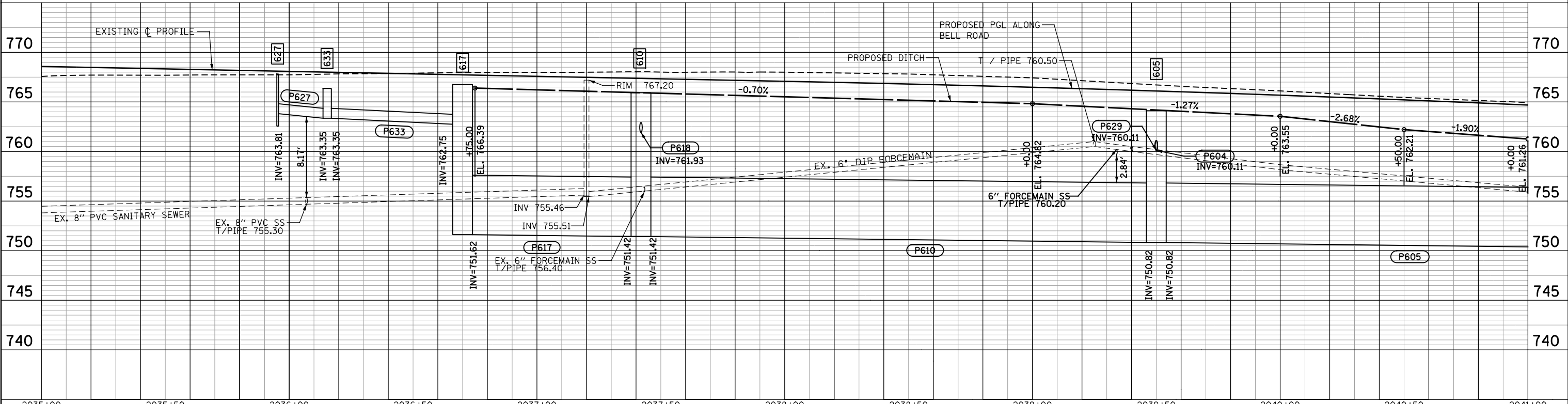
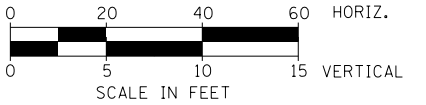
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NO.	STRUCTURE NOTATIONS OK'D	

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- LEGEND:**
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 - EXISTING CATCH BASIN
 - EXISTING INLET
 - ⊙ EXISTING MANHOLE
 - EXISTING STORM SEWER
 - △ EXISTING END SECTION
 - ↔ PROPOSED SUMMIT
 - ▨ PR. CLSM UNDER PVMT
 - xxx PROPOSED PIPE NUMBER
 - ~ PROPOSED DITCH
 - PROPOSED CATCH BASIN
 - A FRAME & GRATE TO BE ADJUSTED
 - ⊙ PROPOSED MANHOLE
 - PROPOSED STORM SEWER
 - ▲ PROPOSED END SECTION
 - PROPOSED UNDERDRAINS
 - ▬ PROPOSED CONCRETE COLLAR
 - A SANITARY MANHOLES TO BE ADJUST

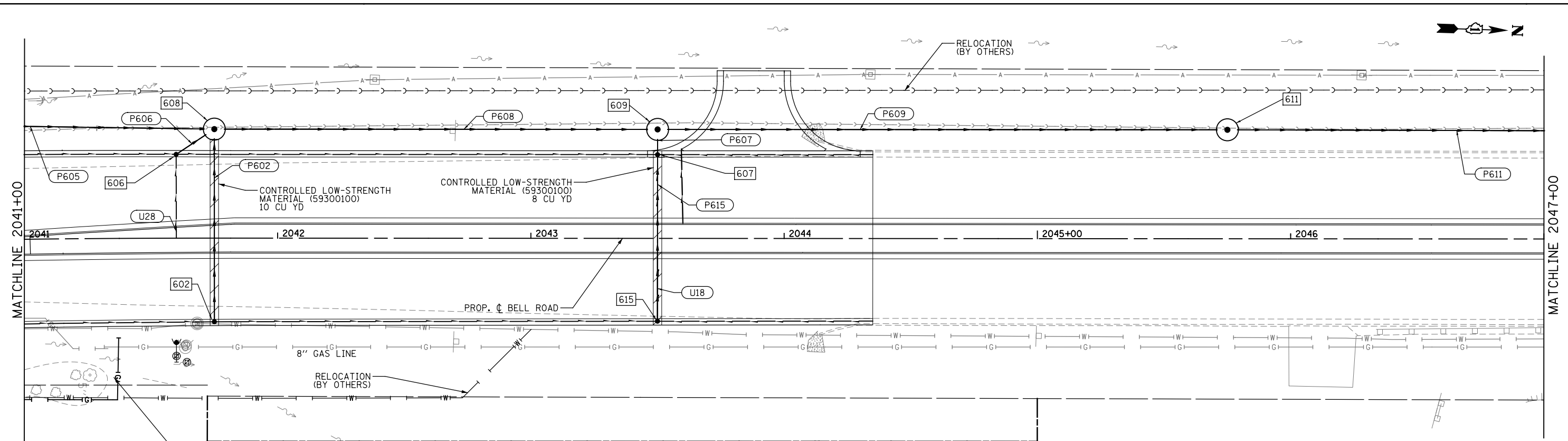


	USER NAME = USHA669697 DESIGNED - RGW DRAWN - RSK CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE BELL ROAD - WEST TRUNK LINE	F.A.P. R.T.E. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96	TOTAL SHEETS 90 SHEET NO. 14 OF 17 SHEETS STA. 2035+00 TO STA. 2041+00	ILLINOIS FED. AID PROJECT
	WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 782-4190 FAX: (312) 782-1984	PLOT SCALE = PLOT DATE = 03-NOV-2021 17:23			SCALE: 1" = 20' SHEET NO. 14 OF 17 SHEETS STA. 2035+00 TO STA. 2041+00		

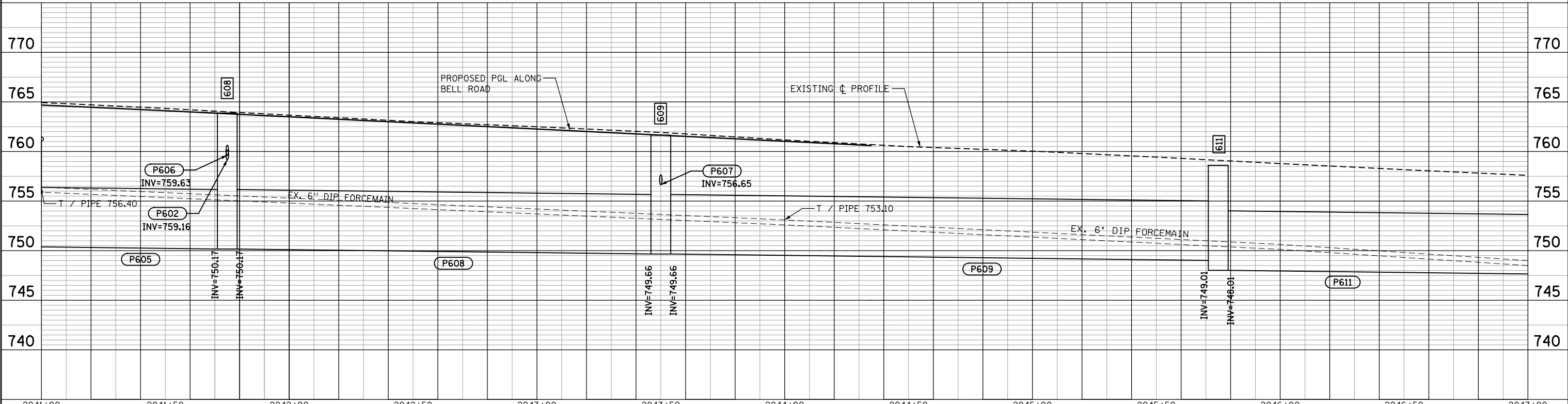
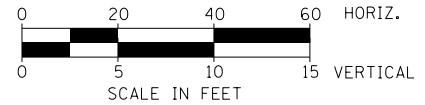
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

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

FILE NAME = T:\161912a Bell Road\Civil\Plans\Drainage Sheets\01-sh-1.15 - drain\vdgn



- LEGEND:**
- XXX PROPOSED STRUCTURE NUMBER
 - XXX PROPOSED PIPE NUMBER
 - ~ EXISTING DITCH
 - ~ PROPOSED DITCH
 - EXISTING CATCH BASIN
 - PROPOSED CATCH BASIN
 - EXISTING INLET
 - ⊠ FRAME & GRATE TO BE ADJUSTED
 - ⊙ EXISTING MANHOLE
 - ⊙ PROPOSED MANHOLE
 - EXISTING STORM SEWER
 - PROPOSED STORM SEWER
 - △ EXISTING END SECTION
 - △ PROPOSED END SECTION
 - ↔ PROPOSED SUMMIT
 - ↔ PROPOSED UNDERDRAINS
 - ▨ PR. CLSM UNDER PVMT
 - ▬ PROPOSED CONCRETE COLLAR
 - Ⓐ SANITARY MANHOLES TO BE ADJUSTED



2041+00	2041+50	2042+00	2042+50	2043+00	2043+50	2044+00	2044+50	2045+00	2045+50	2046+00	2046+50	2047+00
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USER NAME = USHA669697	DESIGNED - RGW	REVISED -
	DRAWN - RSK	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 04-OCT-2021 09:43	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

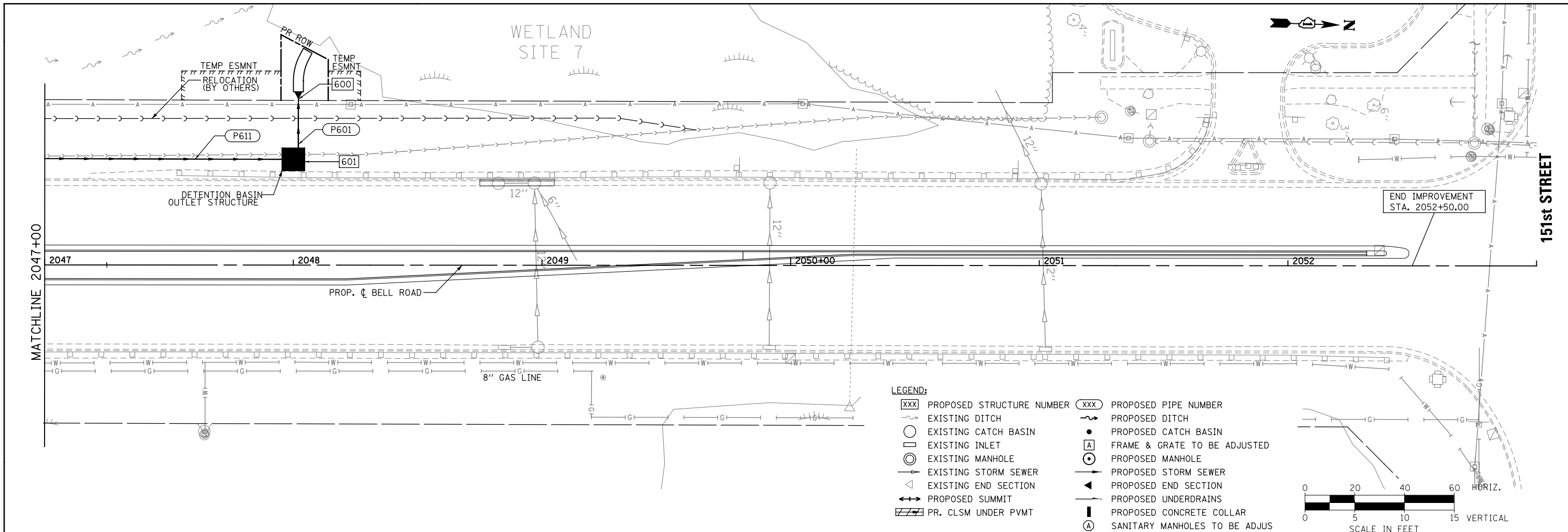
DRAINAGE AND UTILITY PLAN AND PROFILE	
BELL ROAD - WEST TRUNK LINE	
SCALE: 1" = 20'	SHEET NO. 15 OF 17 SHEETS
STA. 2041+00	TO STA. 2047+00

F.A.P. R.T.E. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 91
CONTRACT NO. 61A96			ILLINOIS FED. AID PROJECT	

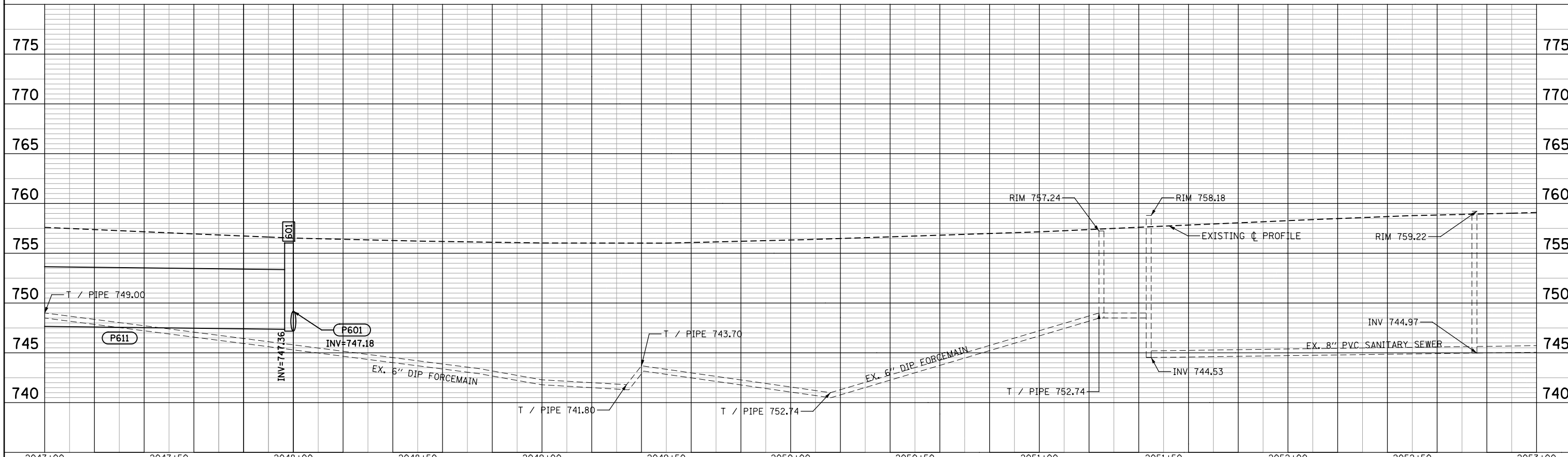
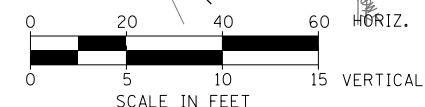
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	CADD FILE NAME	

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

FILE NAME = T:\16192a Bell Road\Civil\Plans\Drainage Sheets\DI - sh-1.16 - drain\ddgn



- LEGEND:**
- XXX PROPOSED STRUCTURE NUMBER
 - EXISTING DITCH
 - EXISTING CATCH BASIN
 - EXISTING INLET
 - EXISTING MANHOLE
 - EXISTING STORM SEWER
 - EXISTING END SECTION
 - PROPOSED SUMMIT
 - PR. CLSM UNDER PVMT
 - XXX PROPOSED PIPE NUMBER
 - PROPOSED DITCH
 - PROPOSED CATCH BASIN
 - FRAME & GRATE TO BE ADJUSTED
 - PROPOSED MANHOLE
 - PROPOSED STORM SEWER
 - PROPOSED END SECTION
 - PROPOSED UNDERDRAINS
 - PROPOSED CONCRETE COLLAR
 - SANITARY MANHOLES TO BE ADJUSTED

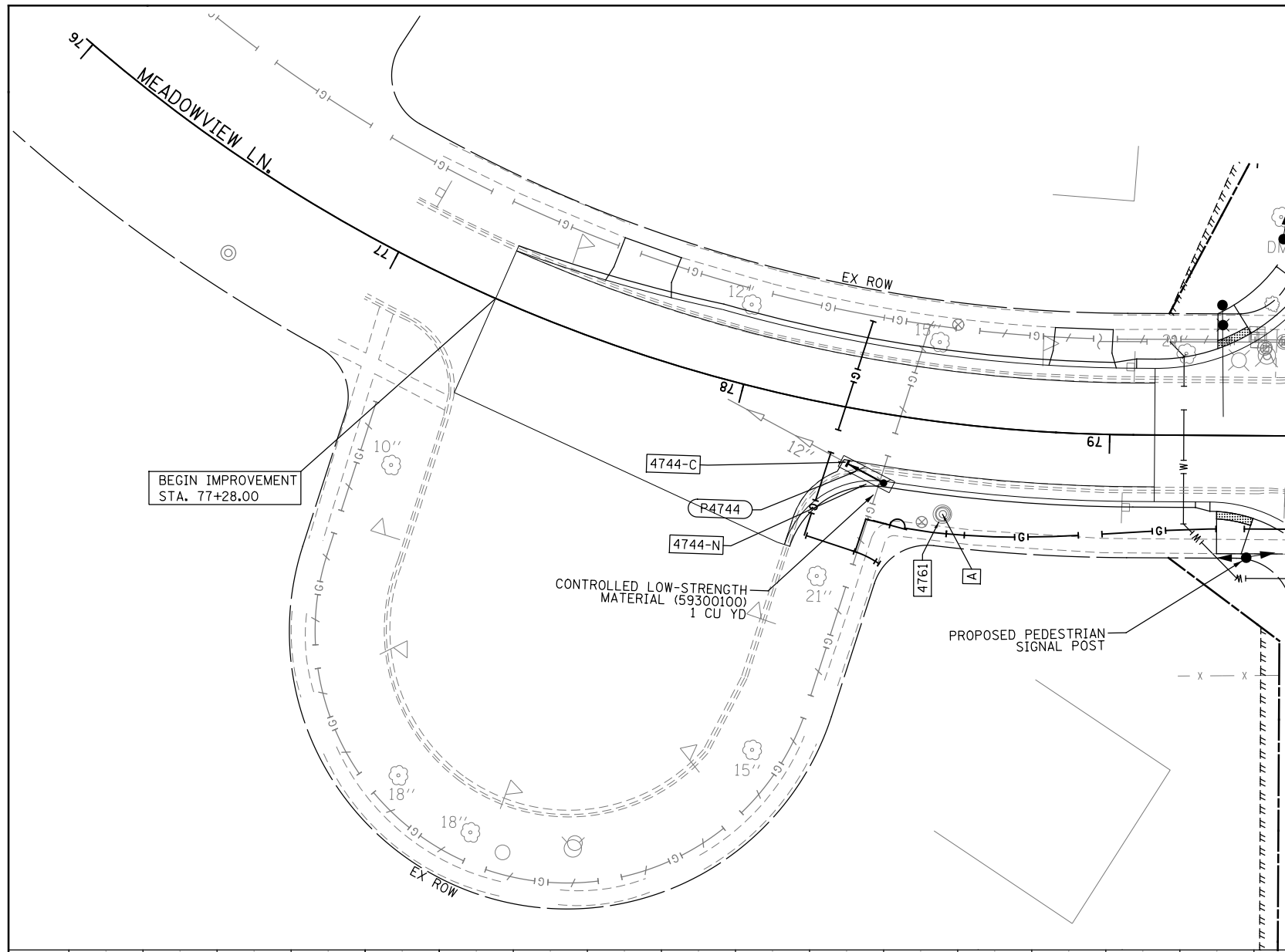


	USER NAME = USHA669697 DESIGNED - RGW DRAWN - RSK CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE BELL ROAD - WEST TRUNK LINE	F.A.P. R.T.E. 0356 SECTION 99-00147-07-FP COUNTY WILL CONTRACT NO. 61A96
	PLOT SCALE = PLOT DATE = 04-OCT-2021 09:43	TOTAL SHEETS 92 SHEET NO. 16 OF 17 SHEETS STA. 2047+00 TO STA. 2053+00			ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE	
	NOTATIONS	
	CHKD	

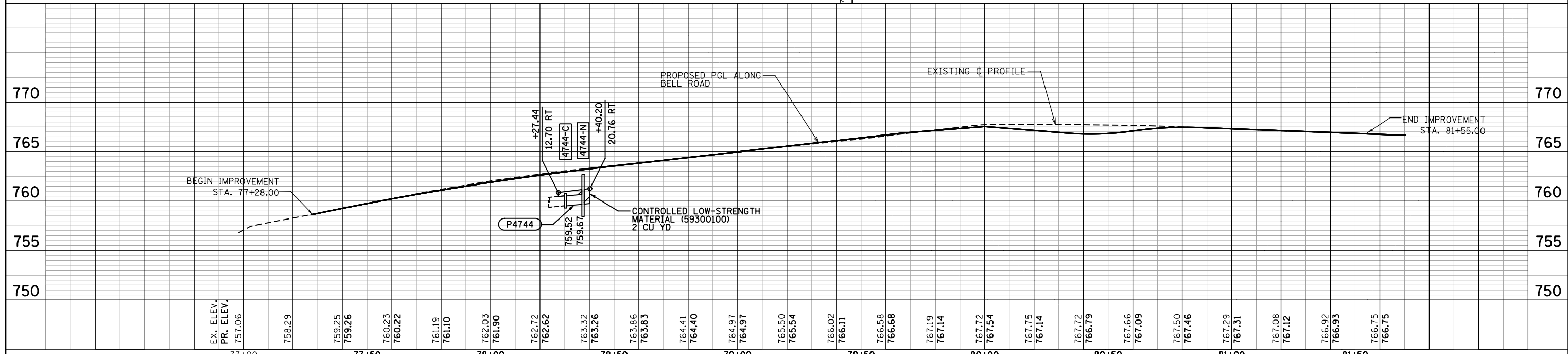
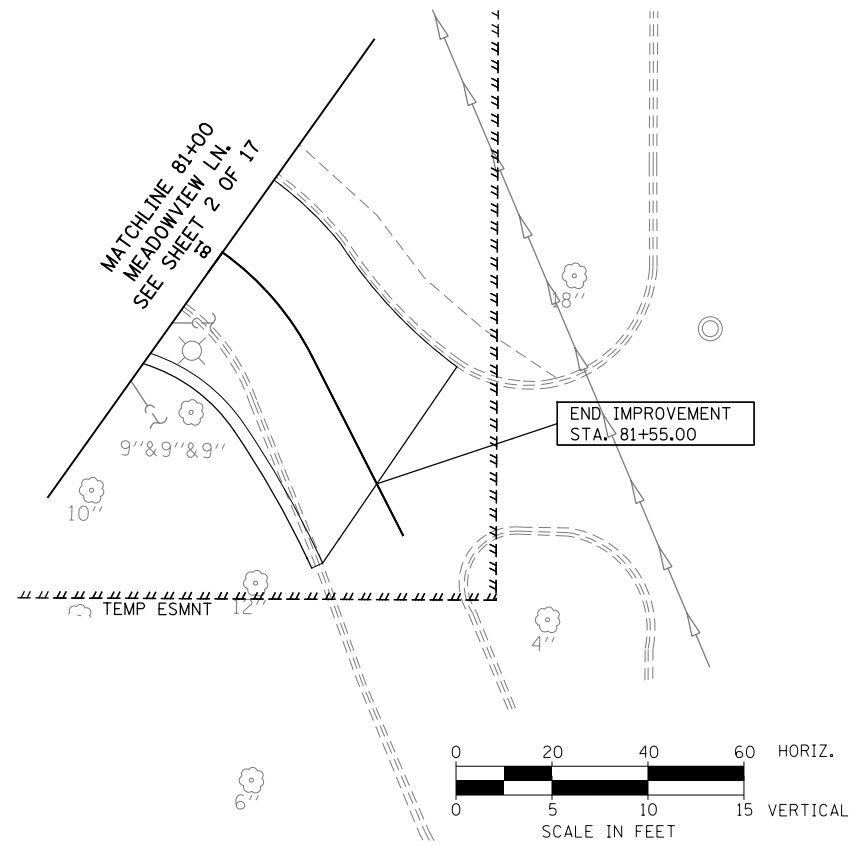
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE	
	NOTATIONS	
	CHKD	

FILE NAME = T:\16192A Bell Road\civil\plans\Drainage Sheets\DI - sh-1.17 - drain.dgn



MATCHLINE 78+50
MEADOWVIEW LN.
SEE SHEET 2 OF 17

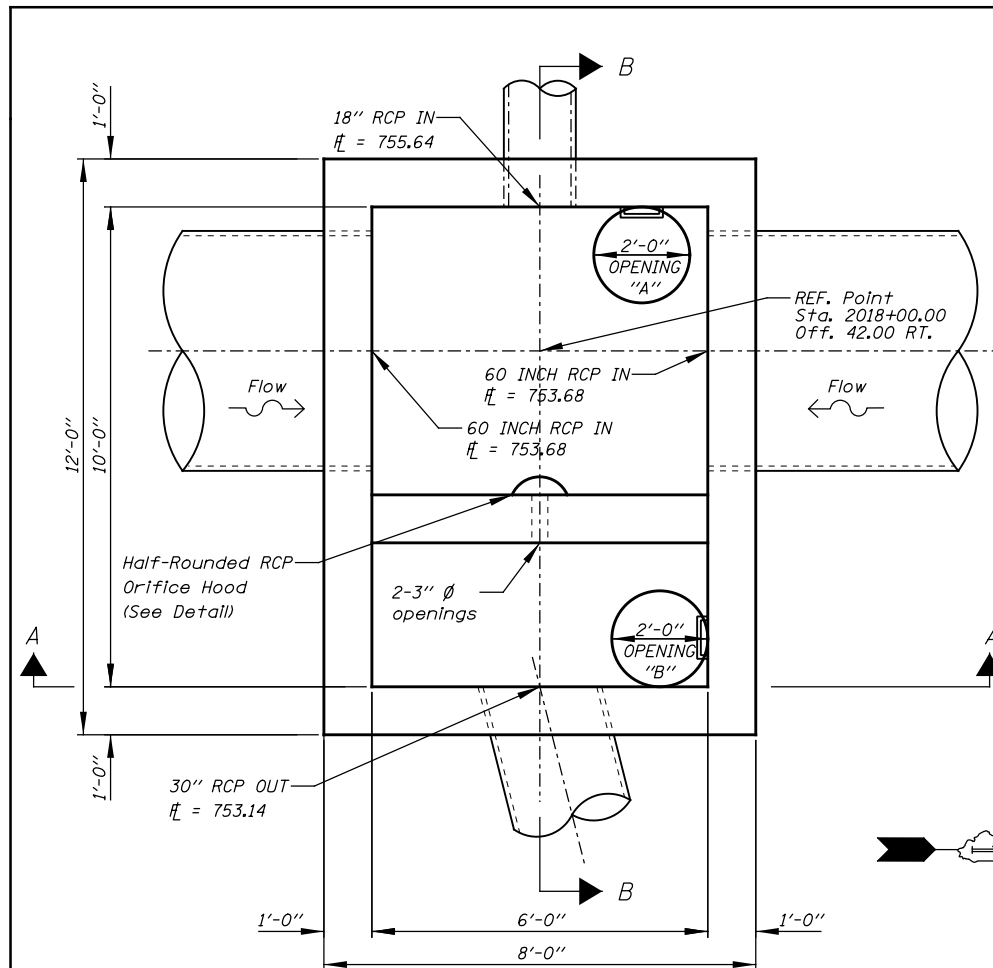
- LEGEND:**
- XXX PROPOSED STRUCTURE NUMBER
 - EXISTING DITCH
 - EXISTING CATCH BASIN
 - EXISTING INLET
 - EXISTING MANHOLE
 - EXISTING STORM SEWER
 - EXISTING END SECTION
 - PROPOSED SUMMIT
 - PR. CLSM UNDER PVMT
 - XXX PROPOSED PIPE NUMBER
 - PROPOSED DITCH
 - PROPOSED CATCH BASIN
 - FRAME & GRATE TO BE ADJUSTED
 - PROPOSED MANHOLE
 - PROPOSED STORM SEWER
 - PROPOSED END SECTION
 - PROPOSED UNDERDRAINS
 - PROPOSED CONCRETE COLLAR
 - SANITARY MANHOLES TO BE ADJUSTED



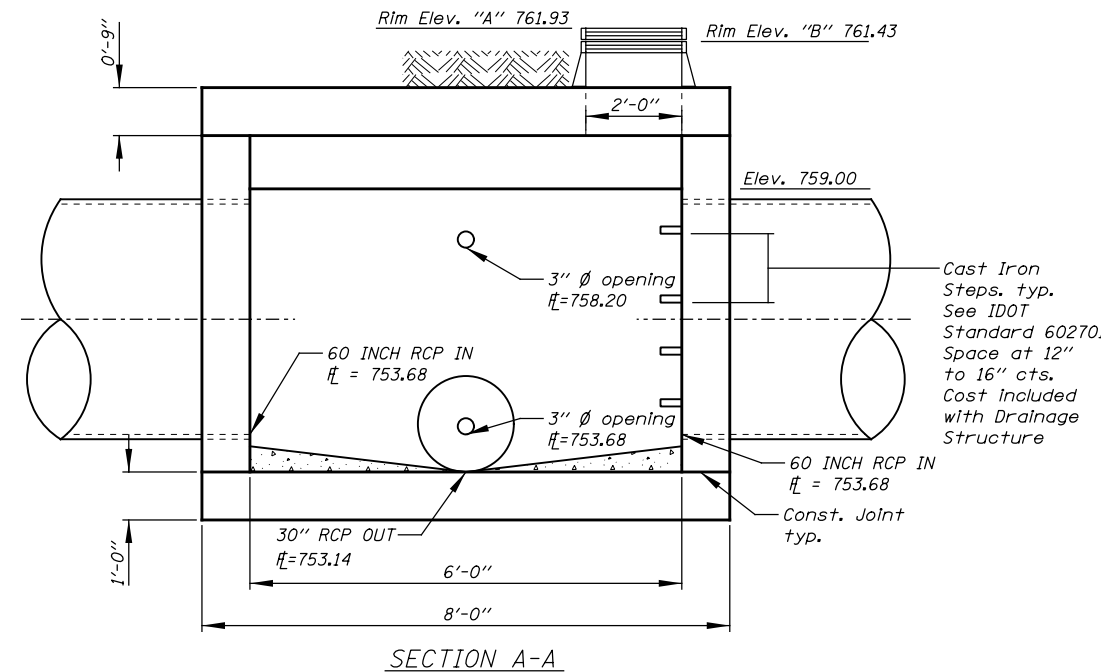
	USER NAME = USHA669697 DESIGNED - NSL DRAWN - MMS CHECKED - DVS DATE - 10/04/2021	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE MEADOWVIEW LANE		F.A. RTE. 0356 SECTION 99-00147-07-FP COUNTY WILL TOTAL SHEETS 229 SHEET NO. 93 CONTRACT NO. 61A96
	PLOT SCALE = PLOT DATE = 04-OCT-2021 13:23	SCALE: 1" = 20' SHEET NO. 17 OF 17 SHEETS STA. 75+94.08 TO STA 81+55.02		ILLINOIS FED. AID PROJECT		
	WSP USA Inc. 30 N. LASALLE STREET SUITE 4000 CHICAGO, IL 60602 TEL: (312) 762-4100 FAX: (312) 762-1584					

NOTES:

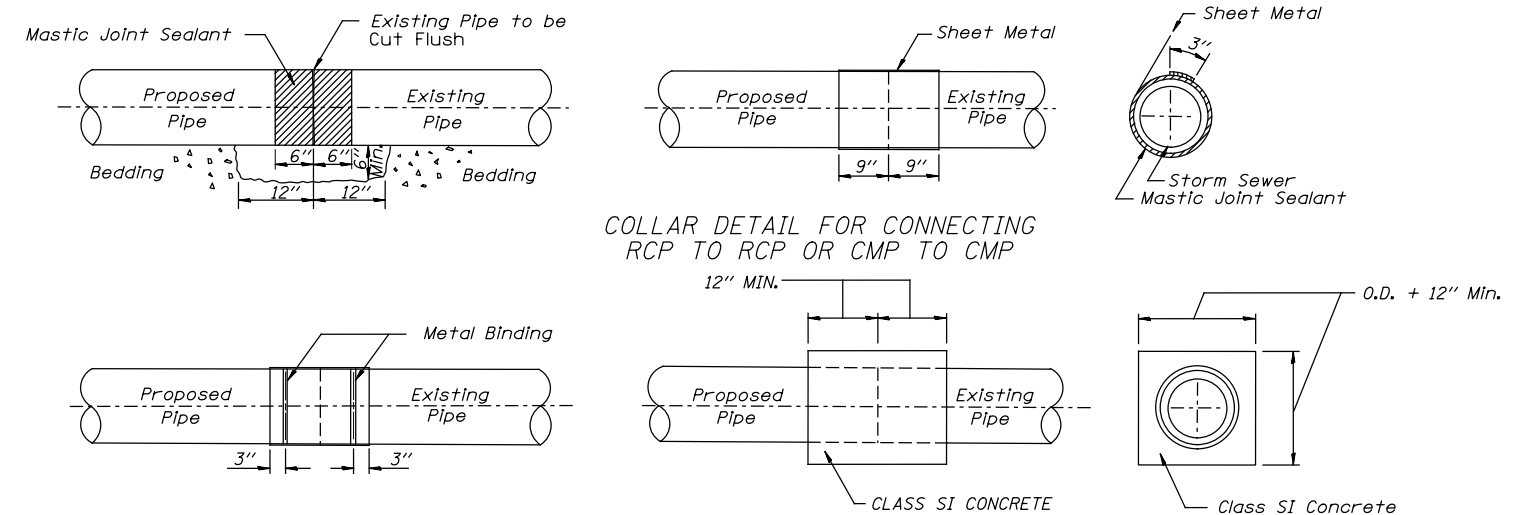
- For additional information see Special provisions.
- For reinforcement details Contractor shall submit structural drawings and design to the Engineer for approval. The structural drawings must be signed and sealed by an Illinois Licensed Structural Engineer. All rebar shall be epoxy coated.
- Station and Offset shown from Reference Point.
- All dimensions and elevations shall be field verified prior to construction.
- Concrete pipe sizes shall be coordinated with openings into junction chamber before pouring concrete.
- The maximum width of excavation is the width of the junction chamber plus 2 feet either side, and the maximum length is the length of the junction chamber plus 2 feet either side. Excavation outside the maximum dimensions specified will not be measured for payment.
- The design of the excavation for junction chambers and jacking/receiving pits is the responsibility of the Contractor. The Contractor shall submit drawings and design for the braced excavation to the Engineer for approval. The braced excavation design and drawings shall be signed and sealed by an Illinois Licensed Structural Engineer, submitted and approved prior to the start of any work. The Engineer's approval shall not relieve the Contractor from the sole responsibility of the structural integrity of the braced excavation system.
- All 3" openings shall have anti-clog device installed on upstream side of weir wall.



PLAN
Sta. 2018+00.00, Off. 42.00 RT.



SECTION A-A



COLLAR DETAIL FOR CONNECTING RCP TO RCP OR CMP TO CMP

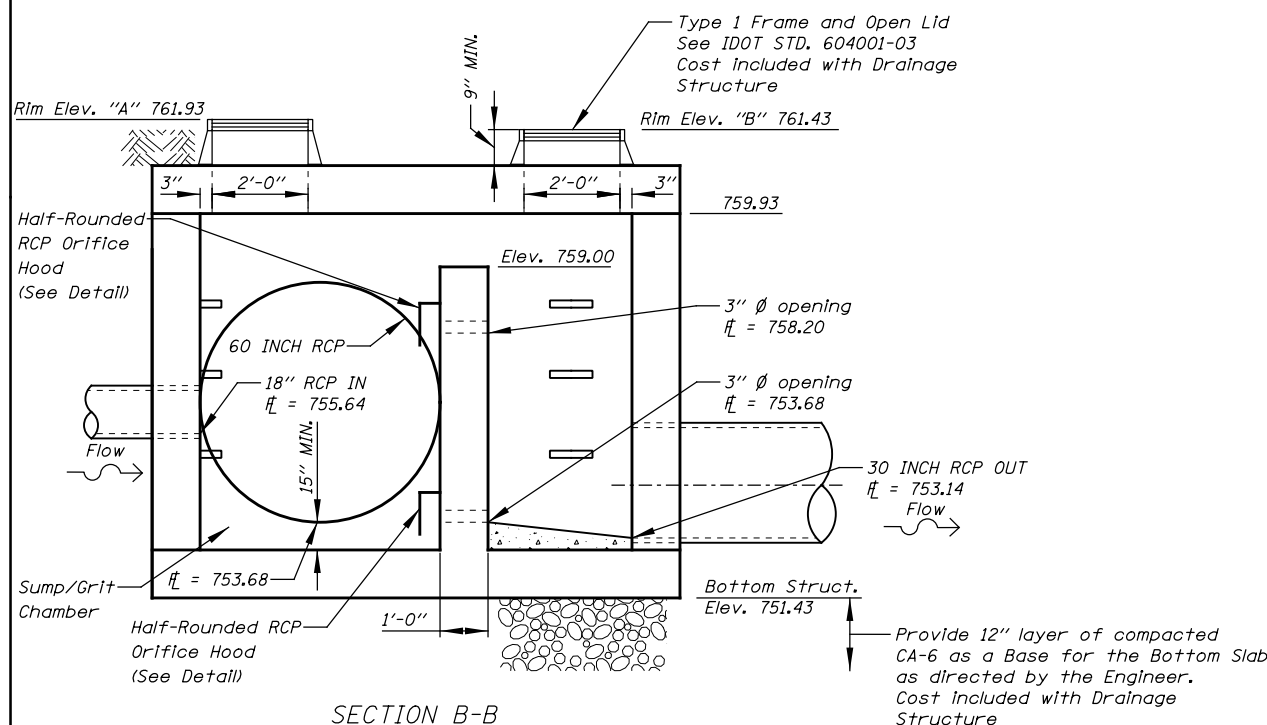
54248510-CONCRETE COLLAR

CONSTRUCTION SEQUENCE:

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT SHEET METAL GAGE NO. 19 OR GEOTEXTILE FABRIC CLASS B, 18" WIDE AND THE LENGTH OF THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" LONG.
- WRAP THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B AROUND THE PIPES, 9" ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B, AT LEAST 3" AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZES OUT FROM BETWEEN THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.

GENERAL NOTES:

- CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT SUBJECT TO APPROVAL BY THE ENGINEER.
- CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.
- WHEN THE CONNECTION LOCATION SHOWN ON THE PLANS IS WITHIN 2' OF AN EXISTING JOINT, GO TO THE EXISTING JOINT.
- SEE TYPICAL SECTIONS, MOT PLANS AND DRAINAGE SCHEDULES FOR CONCRETE COLLAR LOCATIONS.



SECTION B-B



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - RGW	REVISED -
PLOT SCALE =	DRAWN - MMA	REVISED -
PLOT DATE = 21-SEP-2021 17:35	CHECKED - DVS	REVISED -
	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

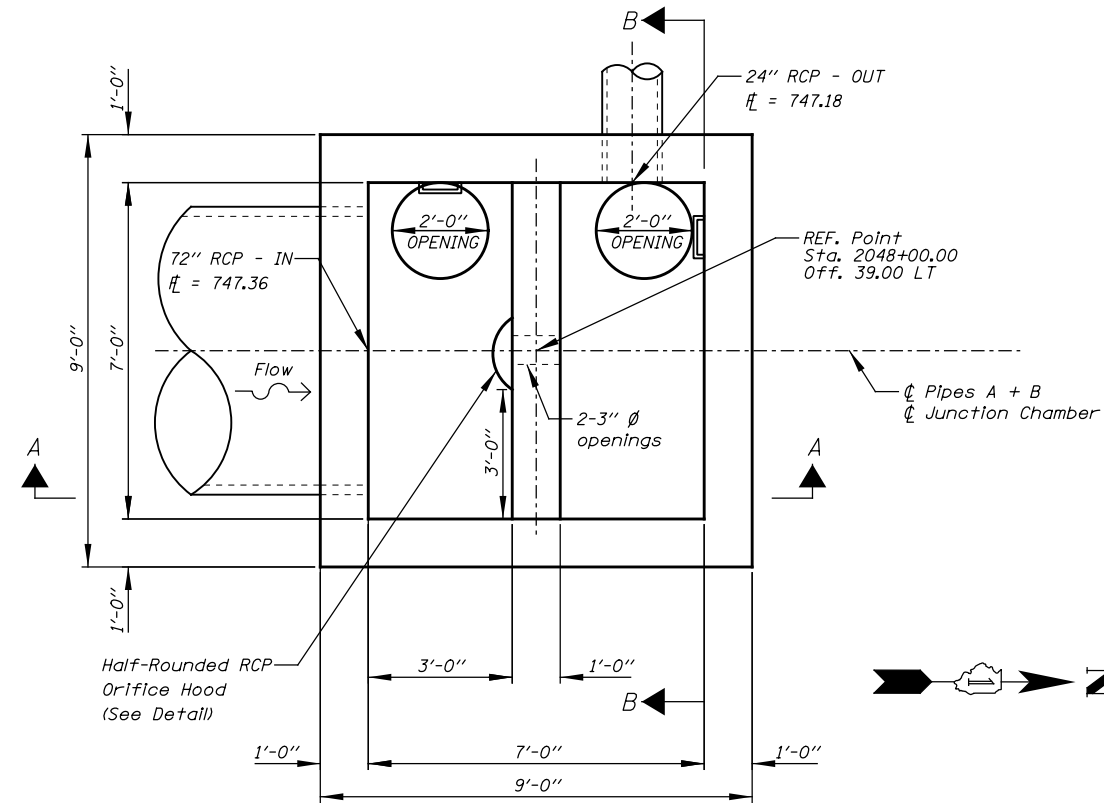
DRAINAGE DETAILS
DETENTION BASIN OUTLET STRUCTURE 101 / CONCRETE COLLAR

SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. N/A TO STA. N/A

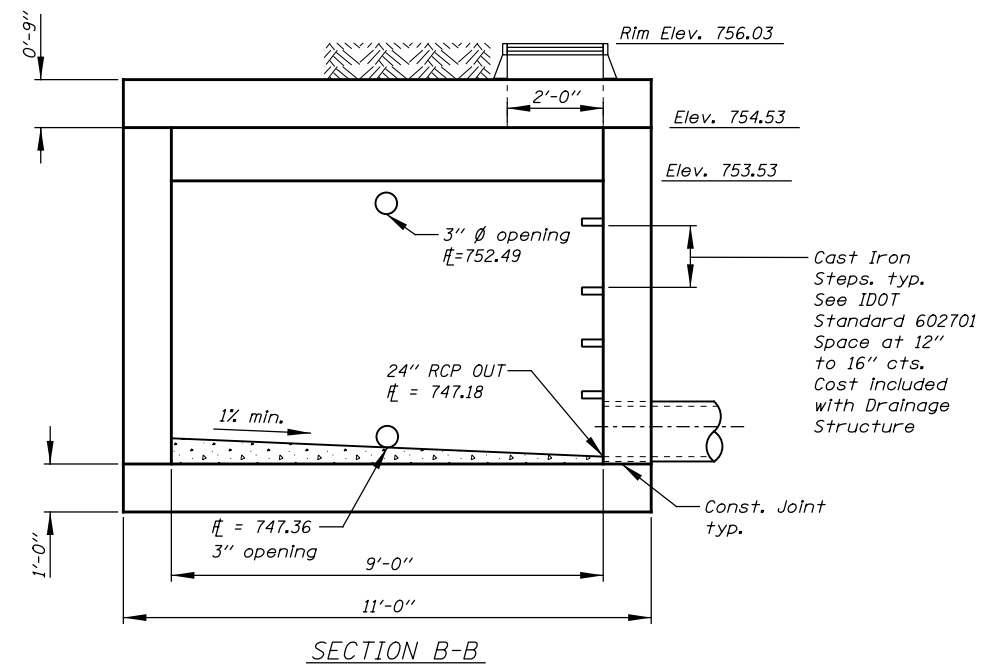
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	94
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

LOADING HL - 93
Allow 50*/sq. ft. for future wearing surface.

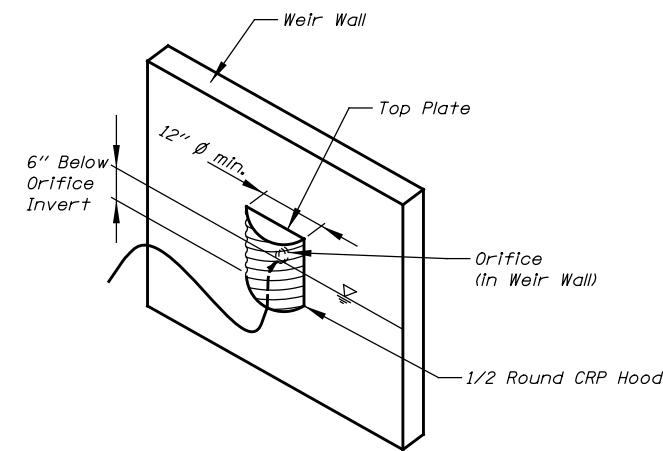
DESIGN STRESSES
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)



PLAN
Sta. 2048+00.00, Off. 42.50 LT



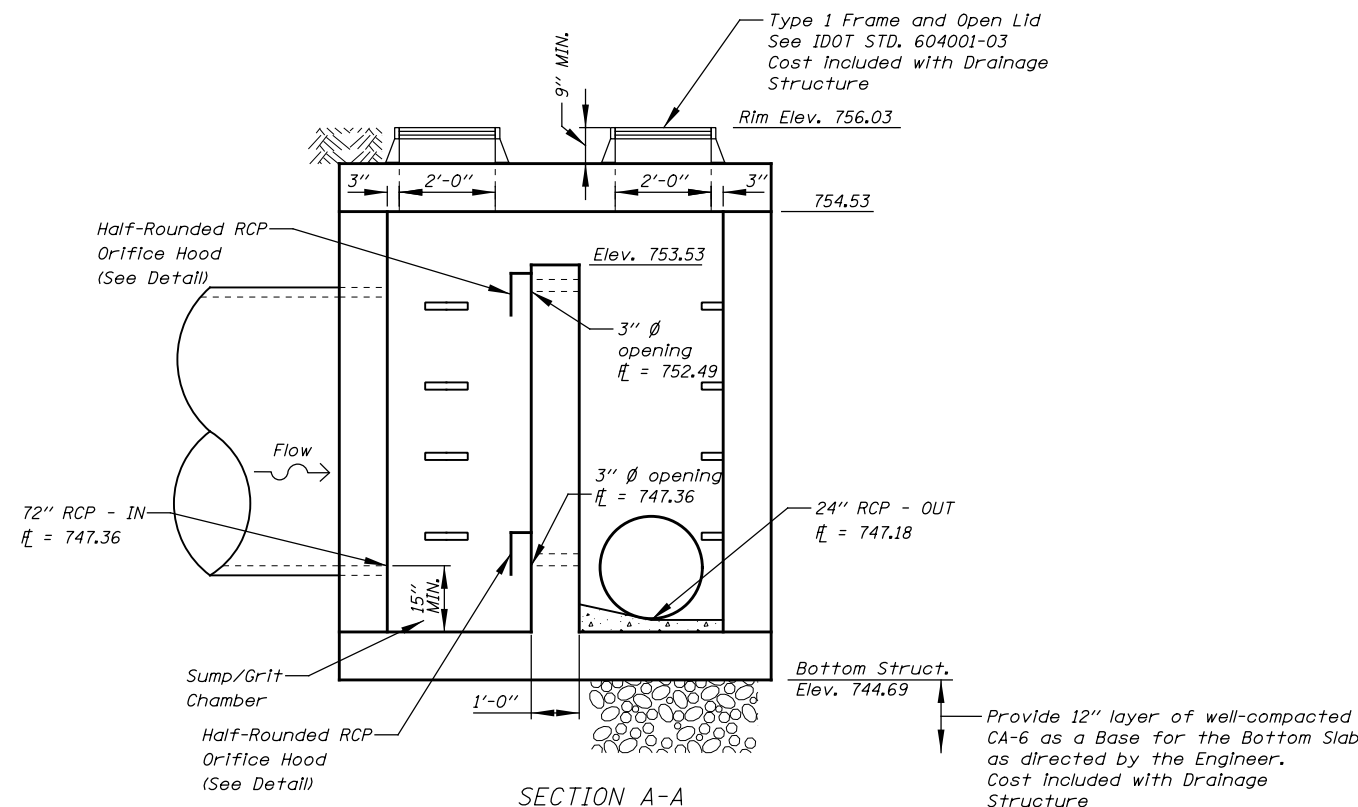
SECTION B-B



HALF-ROUND CRP ORIFICE HOOD DETAIL

NOTES:

- For additional information see Special provisions.
- For reinforcement details Contractor shall submit structural drawings and design to the Engineer for approval. The structural drawings must be signed and sealed by an Illinois Licensed Structural Engineer. All rebar must be epoxy coated.
- Station and Offset shown from Reference Point.
- All dimensions and elevations shall be field verified prior to construction.
- Concrete pipe sizes shall be coordinated with openings into junction chamber before pouring concrete.
- The maximum width of excavation is the width of the junction chamber plus 2 feet either side, and the maximum length is the length of the junction chamber plus 2 feet either side. excavation outside the maximum dimensions specified will not be measured for payment.
- The design of the excavation for junction chambers and jacking/receiving pits is the responsibility of the Contractor. The Contractor shall submit drawings and design for the braced excavation to the Engineer for approval. The braced excavation design and drawings shall be signed and sealed by an Illinois Licensed Structural Engineer, submitted and approved prior to the start of any work. The Engineer's approval shall not relieve the Contractor from the sole responsibility of the structural integrity of the braced excavation system.
- All 3" openings shall have anti-clog device installed on upstream side of weir wall.



SECTION A-A

FILE NAME = T:\16912A Ball Road\Drawings\Drainage Sheets\02 - sht.02 - drain detail.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - RGW	REVISED -
	DRAWN - MMA	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 21-SEP-2021 17:36	DATE - 10/04/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
DETENTION BASIN OUTLET STRUCTURE 601 / RCP ORIFICE HOOD

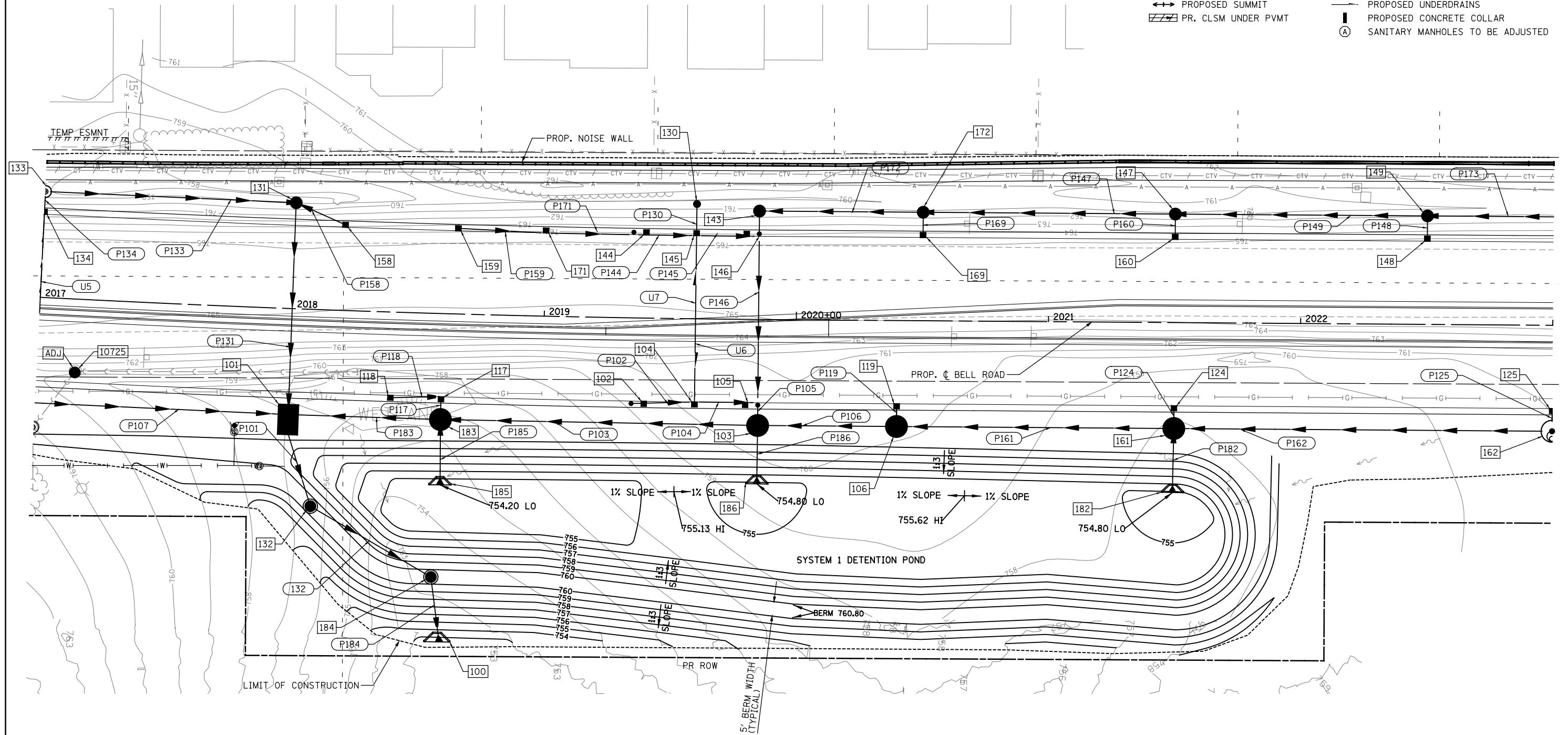
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0356	99-00147-07-FP	WILL	229	95
CONTRACT NO. 61A96				

SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. N/A TO STA. N/A

ILLINOIS FED. AID PROJECT

LEGEND:

- | | | | |
|-----|---------------------------|-----|----------------------------------|
| XXX | PROPOSED STRUCTURE NUMBER | XXX | PROPOSED PIPE NUMBER |
| --- | EXISTING DITCH | --- | PROPOSED DITCH |
| ○ | EXISTING CATCH BASIN | ● | PROPOSED CATCH BASIN |
| □ | EXISTING INLET | A | FRAME & GRATE TO BE ADJUSTED |
| ⊙ | EXISTING MANHOLE | ⊙ | PROPOSED MANHOLE |
| → | EXISTING STORM SEWER | → | PROPOSED STORM SEWER |
| △ | EXISTING END SECTION | △ | PROPOSED END SECTION |
| ↔ | PROPOSED SUMMIT | ↔ | PROPOSED UNDERDRAINS |
| ▨ | PR. CLSM UNDER PVMT | ▨ | PROPOSED CONCRETE COLLAR |
| | | ⊕ | SANITARY MANHOLES TO BE ADJUSTED |



FILE NAME = T:\06912A Bell Road\City\Plans\Drainage Sheets\02 - sht.03 - drain det.on1.dgn



WSP USA Inc.
30 N. LASALLE STREET
SUITE 4000
CHICAGO, IL 60602
TEL: (312) 782-8100
FAX: (312) 782-1884

USER NAME = USHA669697	DESIGNED - NSL	REVISED -
	DRAWN - RSK	REVISED -
PLOT SCALE =	CHECKED - DVS	REVISED -
PLOT DATE = 25-APR-2022 19:26	DATE - 10/04/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

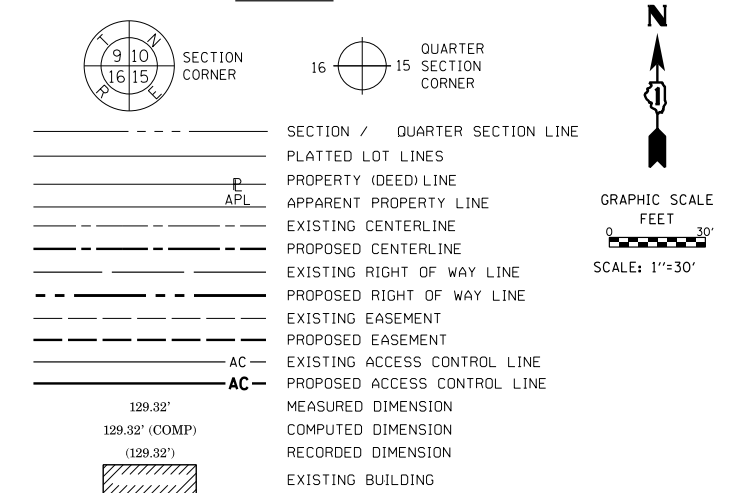
**DRAINAGE DETAILS
DETENTION BASIN GRADING PLAN**

F.A.P. RTE. 0356	SECTION 99-00147-07-FP	COUNTY WILL	TOTAL SHEETS 229	SHEET NO. 96
CONTRACT NO. 61A96				
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 3 OF 3 SHEETS STA. N/A TO STA. N/A

PART OF THE SW 1/4 OF SEC.13 AND PART OF THE SE 1/4 OF SEC.14, BOTH IN TWP. 36 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND



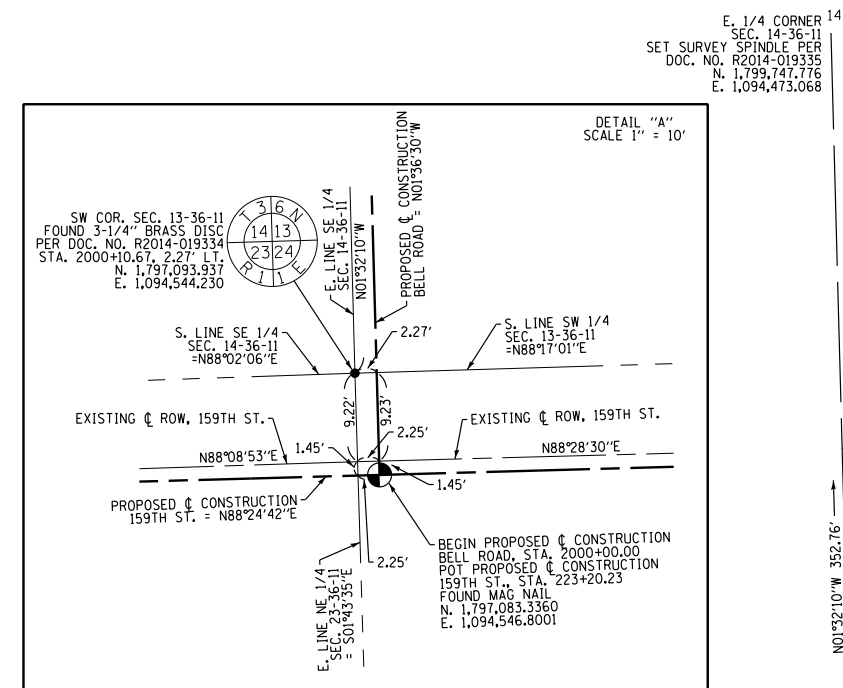
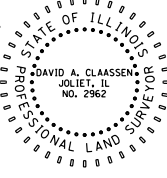
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999960. AREAS SHOWN ON THIS PLAT ARE GROUND.
- IRON PIPE OR ROD FOUND ⊕ *MAG NAIL SET
 - + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS
 - 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 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
) SS
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 13 AND 14, TOWNSHIP 36 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

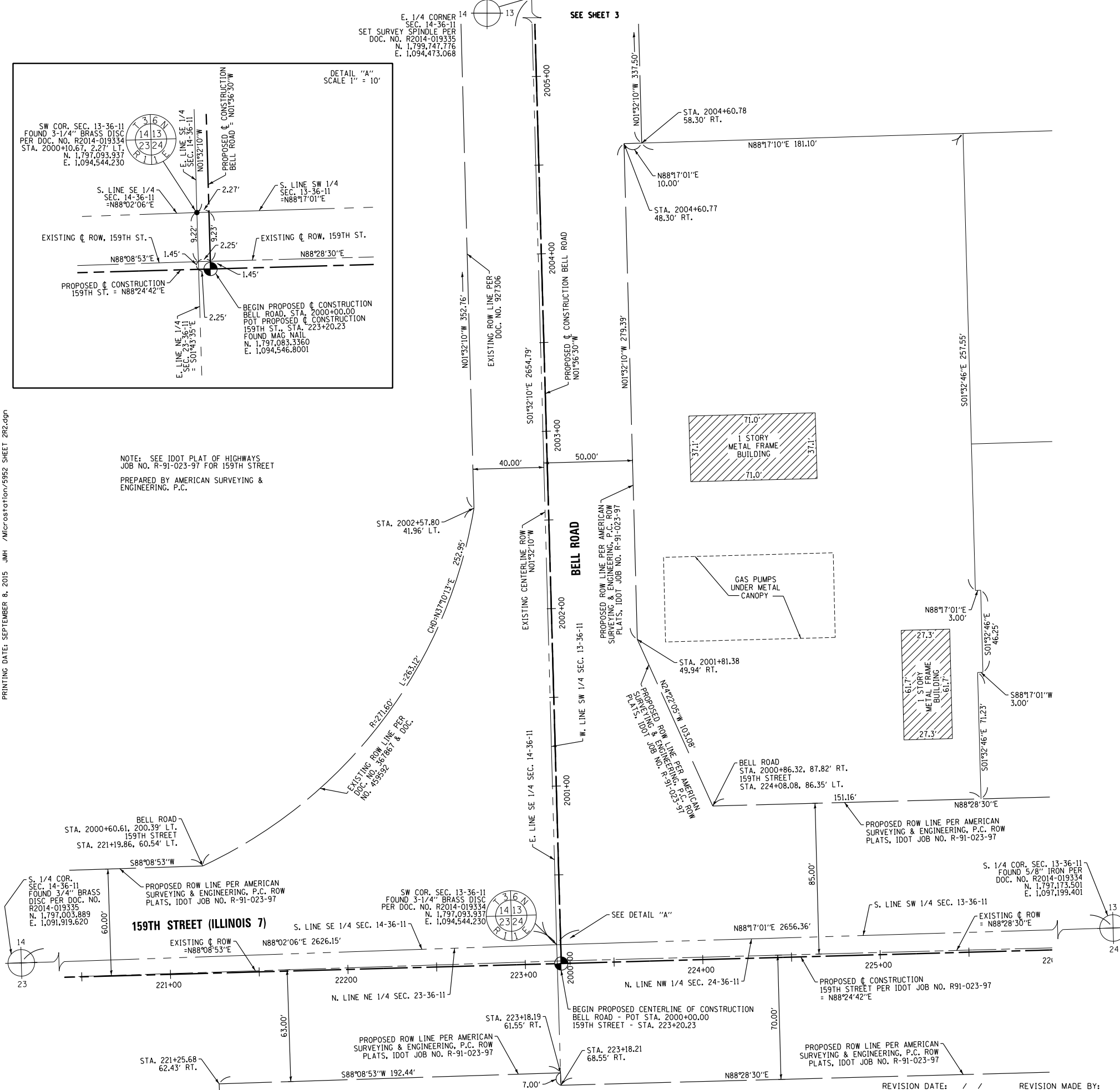
DATED AT JOLIET, ILLINOIS THIS 8TH DAY OF SEPTEMBER, 2015 A.D.

DAVID A. CLAASSEN
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRES NOVEMBER 30, 2016
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



NOTE: SEE IDOT PLAT OF HIGHWAYS JOB NO. R-91-023-97 FOR 159TH STREET
 PREPARED BY AMERICAN SURVEYING & ENGINEERING, P.C.

PRINTING DATE: SEPTEMBER 8, 2015 JMH /Microstation/5952 SHEET 2R2.dgn



REVISION DATE: / / REVISION MADE BY:

CWA SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C. LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurvey.com
 CWA Job #5952

PLAT OF HIGHWAYS
WILL COUNTY
DIVISION OF TRANSPORTATION
CH 16 (BELL ROAD)

LIMITS: 159th St. to 151st. St. COUNTY: WILL
 SECTION: 99-00147-07-FP JOB NO.: R-55-001-97
 STA. 2000+00 TO STA. 2005+50 CONTRACT NO.: 61A96
 SCALE: 1" = 30' DATE: 10/04/2021 SHEET 97 OF 229 SHEETS

WILL COUNTY DIVISION OF TRANSPORTATION
16841 W. LARAWAY ROAD
JOLIET, ILLINOIS 60433

PART OF THE SW 1/4 OF SEC.13 AND PART OF THE SE 1/4 OF SEC.14, ALL IN TWP. 36 N., R. 11 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND

SECTION CORNER 16 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

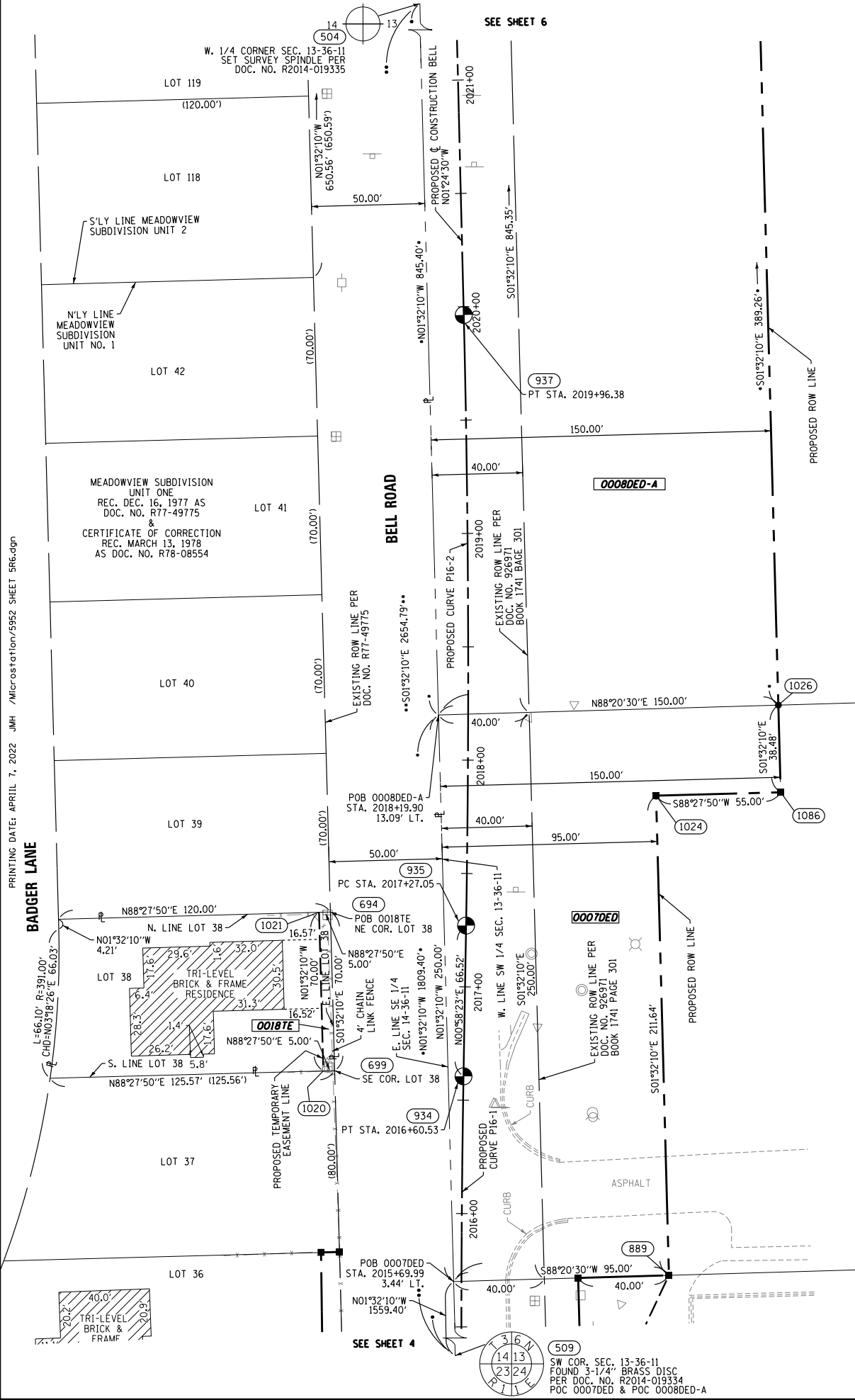
ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.999960. AREAS SHOWN ON THIS PLAT ARE GROUND.

IRON PIPE OR ROD FOUND *MAG* NAIL SET
 CUT CROSS FOUND OR SET 5 / 8" REBAR SET
 STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

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

PT.NO.	STATION	OFFSET	NORTHING	EASTING
509	2000+10.67	2.27' LT.	1,797,093.9370	1,094,544.2300
889	2015+73.07	91.51' RT.	1,798,655.5231	1,094,597.3906
1020	2016+61.85	61.88' LT.	1,798,745.6736	1,094,449.9194
699	2016+62.07	56.89' LT.	1,798,745.8076	1,094,449.9176
1021	2017+31.84	64.95' LT.	1,798,815.6484	1,094,443.0430
694	2017+32.05	59.95' LT.	1,798,815.7824	1,094,448.0412
1024	2017+85.00	83.09' RT.	1,798,867.0886	1,094,591.7176
1086	2017+86.88	138.06' RT.	1,798,868.5629	1,094,646.6978
1026	2018+24.54	136.84' RT.	1,798,907.0255	1,094,645.6664
504	2026+65.67	17.37' LT.	1,799,747.7760	1,094,473.0680

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
0007DE	3.000	0.594	0.230	3.000			16-05-13-300-021
0008DE-A	267.512	4.680	1.755	267.512			16-05-13-100-006 16-05-13-100-008 16-05-13-100-009 16-05-13-100-012
0008DE-B		0.618	0.487		16-05-13-300-020 16-05-13-200-023 16-05-13-200-024		
0018TE	0.196			0.196	0.008	350	16-05-14-409-005



CURVE DATA	PROPOSED CENTERLINE	CURVE P16-1 - BELL ROAD
Δ = 02°34'53"	Δ = 02°22'53"	
D = 00°53'03"	D = 00°53'03"	
R = 6480.00'	R = 6480.00'	
L = 291.96'	L = 269.33'	
T = 146.00'	T = 134.68'	
E = 1.64'	E = 1.40'	

STATE OF ILLINOIS)
) SS
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 13 AND 14, TOWNSHIP 36 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATE AT JOLIET, ILLINOIS THIS 8TH DAY OF SEPTEMBER, 2015 A.D.

DAVID A. CLAASSEN
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRES NOVEMBER 30, 2022
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DAVID A. CLAASSEN
 VICE PRESIDENT

CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurevey.com
 CWA Job #5952

PLAT OF HIGHWAYS
WILL COUNTY
DIVISION OF TRANSPORTATION
CH 16 (BELL ROAD)

LIMITS: 159th St. to 151st. St. COUNTY: WILL
 SECTION: 99-00147-07-FP JOB NO.: R-55-001-97
 STA. 2015+72 TO STA. 2021+00 CONTRACT NO.: 61A96
 SCALE: 1" = 30' DATE: 10/04/2021 SHEET 100 OF 229 SHEETS

WILL COUNTY DIVISION OF TRANSPORTATION
16841 W. LARAWAY ROAD
JOLIET, ILLINOIS 60433

PRINTING DATE: APRIL 7, 2022 JMH /Microstation/5952 SHEET SR6.dgn