

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

FAU 3795 (MOEN AVENUE)
MOUND ROAD TO FAP 856 (IL ROUTE 7) (LARKIN AVENUE)

RECONSTRUCTION
SECTION 12-00029-00-PV
PROJECT NO. **F1U5(430)**
VILLAGE OF ROCKDALE
WILL COUNTY
C-91-072-13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	1
		ILLINOIS	CONTRACT NO. 61E00	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

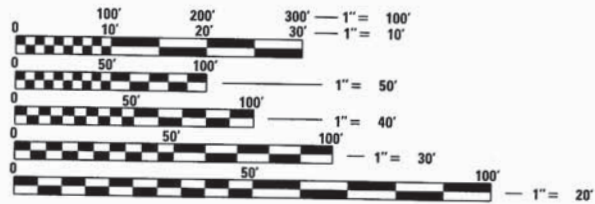
THE PROJECT IS LOCATED IN THE VILLAGE OF ROCKDALE

TRAFFIC DATA

MOEN AVENUE AND MOUND ROAD:
POSTED SPEED: 30 MPH
2012 ADT=1,900, 50% TRUCKS
2040 ADT=8,000
MAJOR COLLECTOR

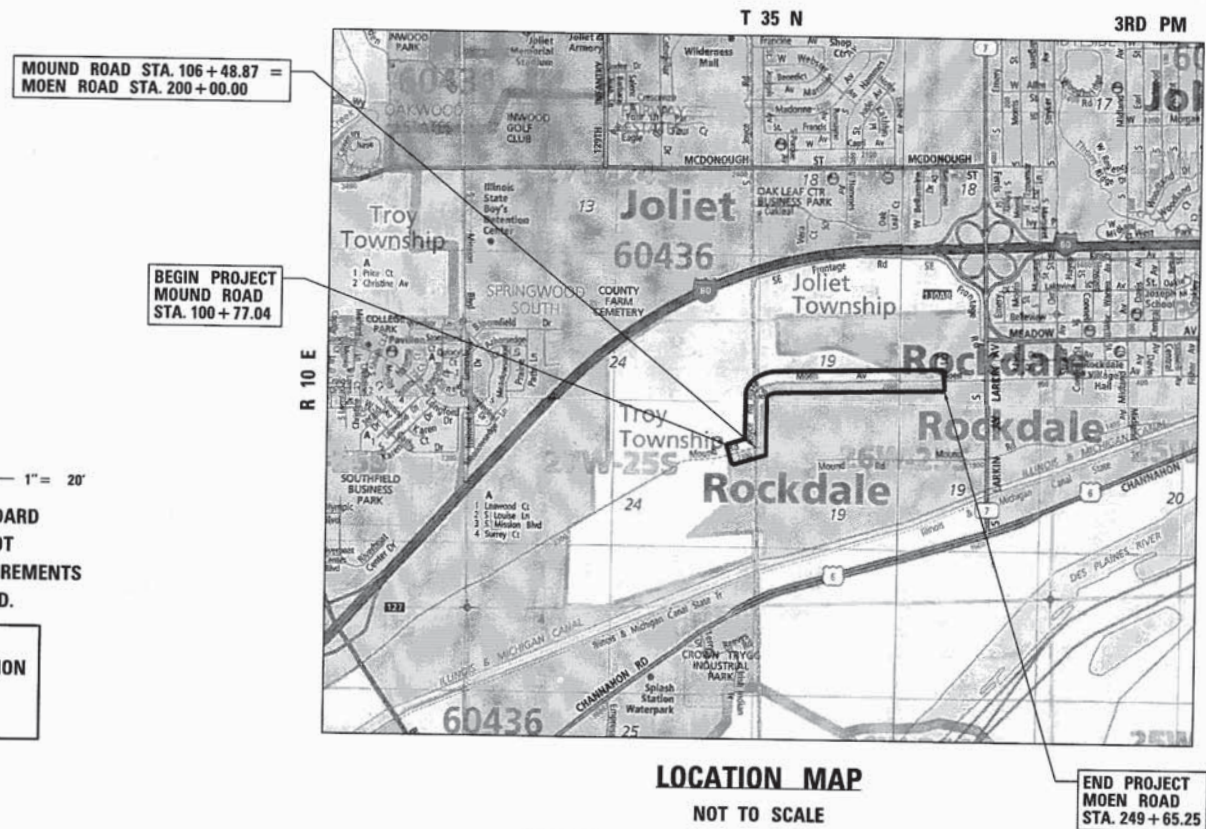


PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, PE 847-705-4406 SCHAUMBURG, IL



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

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



LOCATION MAP

NOT TO SCALE

GROSS & NET LENGTH = 5537 FT = 1.05 MILE



Joshua S. Harris
JOSHUA S. HARRIS
LICENSED PROFESSIONAL ENGINEER
ILLINOIS NO. 062-064200 EXPIRES 11 / 30 / 2017

WILLETT HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING

1000 ESSINGTON ROAD, JOLIET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>June 8, 2017</i> <i>Samuel Wipke</i> VILLAGE OF ROCKDALE, VILLAGE PRESIDENT
PASSED	<i>JULY 7 2017</i> <i>CHRISTOPHER HOLT</i> DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>JULY 13 2017</i> <i>Anthony J. Quinley, P.E.</i> REGIONAL ENGINEER

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OF THE STATE OF ILLINOIS**

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GENERAL NOTES

DO NO SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

THE RESIDENT ENGINEER WILL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF UTILITY FACILITIES (48 HOUR HOURS NOTIFICATION REQUIRED).

THE CONTRACTOR SHALL COORDINATION CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF ROCKDALE.

COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.

STATE HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424016-04	MID-BLOCK CURB RAMPS FOR SIDEWALKS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602011-02	CATCH BASIN TYPE C
602306-03	INLET - TYPE B
602401-04	MANHOLE TYPE A 4' (1.22 M) DIAMETER
602406-08	MANHOLE, TYPE A 6' DIAMETER
602411-06	MANHOLE, TYPE A 7' DIAMETER
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604036-03	GRATE TYPE 8
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606306-04	CORRUGATED PC CONCRETE MEDIANS
606401-02	PAVED DITCH
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-02	DELINEATORS
643001-02	SAND MODULE IMPACT ATTENUATORS
664001-02	CHAIN LINK FENCE
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-08	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701901-07	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 & DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

UNDER NO CIRCUMSTANCES SHALL TRUCK BEDS BE RAISED UNDERNEATH COMMONWEALTH EDISON TRANSMISSION LINES.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES, AND ALL CORNER RADII NOTATIONS ARE REGARDING THE EDGE OF PAVEMENT.

THE CONTRACTOR SHALL REMOVE ALL MAILBOXES WITHIN THE LIMITS OF CONSTRUCTION WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND SHALL ERECT THEM AT TEMPORARY LOCATIONS, AS SOON AS CONSTRUCTION OPERATIONS PERMIT, THE CONTRACTOR SHALL SET THE MAILBOXES AT THEIR PERMANENT LOCATIONS. THIS WORK SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE ANY MAILBOX OR POST WHICH HAS BEEN DAMAGED BY THE CONTRACTOR'S OPERATIONS IN ACCORDANCE WITH ARTICLE 107.20.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

THE CONTRACTOR SHALL CLEAN UP ANY DEBRIS LEFT ON THE TEMPORARY CONSTRUCTION EASEMENT OF THE PREMISES AT THE COMPLETION OF CONSTRUCTION DAY.

BUTT JOINTS SHALL BE CONSTRUCTED WHERE PROPOSED PAVEMENT MEETS EXISTING PAVEMENT, IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

GUARDRAIL POST LOCATIONS SHALL BE INSTALLED IN LOCATIONS AS TO NOT BLOCK THE CONVEYANCE OF ROADWAY DRAINAGE. ALL POST LOCATIONS SHALL BE APPROVED BY THE ENGINEER.

10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS TO EXISTING CURB AND GUTTERS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 606.

PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD 601001-05. INVERTS OF PIPE UNDERDRAINS SHALL BE PLACED BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER.

GENERAL NOTES

SPOILS GENERATED FROM COMMONWEALTH EDISON PROPERTY SHALL BE REUSED ON SITE OR THE CONTRACTOR SHALL USE A COMMONWEALTH EDISON ENVIRONMENTAL CONTRACTOR OF CHOICE FOR MANIFESTING SPOILS FOR DISPOSAL AT A COMMONWEALTH EDISON APPROVED SUBTITLE D LANDFILL.

SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF IDOT STANDARD SPECIFICATIONS AND ALL REVISIONS THERETO AND IN ACCORDANCE WITH THE DETAILS ON THE PLANS.

A COPY OF THE APPROVED NPDES PERMIT AND THE EROSION CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

NO PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS HAVE BEEN OBTAINED. IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN THE SWPPP.

THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF ROCKDALE. ALL TREE PROTECTION, TREE REMOVAL, PRUNING, AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.

ALL TREE REMOVALS SHOWN IN THE PLANS SHALL BE CONFIRMED WITH THE ENGINEER. TREE REMOVAL SHALL BE EXECUTED BY IN THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 201.04. THIS WORK WILL BE MEASURED FOR PAYMENT FOLLOWING ARTICLE 201.10. TREE REMOVAL LOCATIONS FOR TREES WITH LESS THAN A 6 INCH DIAMETER ARE SHOWN AS ADDITIONAL INFORMATION FOR THE CONTRACTOR.

THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL TO AVOID INJURY TO THE ROOT SYSTEM AND TRUNKS. ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION, SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING TREE STRUCTURE. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR ACCORDING TO ARTICLE 201.

PRUNE TREE LIMBS THAT MIGHT BE DAMAGED BY EQUIPMENT OPERATIONS AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION BY A CERTIFIED ARBORIST. ANY TREE LIMBS THAT ARE BROKEN BY CONSTRUCTION EQUIPMENT AFTER THE INITIAL PRUNING MUST BE PRUNED CORRECTLY WITHIN 72 HOURS.

SUPPLEMENTAL WATERING IS SPECIFIED FOR TREES AND SHRUBS THAT WILL BE DISTURBED BY CONSTRUCTION BUT WILL REMAIN. NOTE THAT WATERING SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING, TOP PRUNING, OR OTHER CONSTRUCTION DISTURBANCE.

THE LOCATIONS OF PROPOSED TREES SHOWN IN THE PLANS ARE APPROXIMATE. TREES ARE NOT TO BE PLANTED ABOVE UTILITIES OR BELOW OVERHEAD WIRES. ALL TREES SPECIFIED TO BE PLANTED INCLUDED IN THESE PLANS SHALL BE PLANTED ON PUBLIC PROPERTY AND WITHIN THE LIMITS OF THE VILLAGE OF ROCKDALE. THE PLANTING LOCATIONS SHALL BE APPROVED BY THE ENGINEER.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

TOPSOIL SHALL BE STRIPPED AND STOCKPILED, SORTED, AND REUSED FOR PROPOSED LANDSCAPING IMPROVEMENTS. THE TOPSOIL REMOVAL DEPTH SHALL BE VERIFIED IN THE FIELD. THE FINISHED EARTHWORK SHALL HAVE A VEGETATION-SUSTAINING SOIL COVERING A MINIMUM OF THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION-SUSTAINING SOIL REQUIRED SHALL BE ACCORDING TO ARTICLE 211.

THIS PROJECT REQUIRES AN US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT SECURED BY THE VILLAGE OF ROCKDALE. ALL CONDITIONS OF THE 404 PERMIT FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED, AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE VILLAGE OF ROCKDALE FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE CHICAGO DISTRICT WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK IN WETLANDS AND WATERWAYS.

THE IMPACTS TO DELINEATED WETLANDS AND WATER OF THE U.S. WILL BE MINIMIZED TO THE CONSTRUCTION LIMITS SHOWN ON THE PLANS.

THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

AGGREGATE SUBGRADE IMPROVEMENT (ASI) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS OF ROAD AND BRIDGE CONSTRUCTION AND IDOT SUBGRADE STABILITY MANUAL.

COMMITMENTS

USE OF COMED PROPERTY WITHIN TEMPORARY EASEMENTS IS CONSIDERED TO CERTAIN REQUIREMENTS AS DESCRIBED IN THE SPECIAL PROVISIONS "COMED REQUIREMENTS" AND "COMED EXHIBIT C".

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REVISION	DATE	BY	REMARKS	DRAWN	CHECKED	APPROVED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLET HOFMANN & ASSOCIATES INC ENGINEERING ARCHITECTURE LAND SURVEYING 1000 ESSINGTON ROAD, JOUET, IL 60435 T: 315-729-2229 DESIGN FIRM: #184-000918	79 MOEN AVENUE ROCKDALE, IL 60436	INDEX, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS SHEET 1 OF 1	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
				JSH	GFS	GFS					3795	12-00029-00-PV	WILL	344	2		
														CONTRACT 61EOO			
														WHA* 1189J16		ILLINOIS	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 80% FEDERAL 0004
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	231	231
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	70	70
20101100	TREE TRUNK PROTECTION	EACH	15	15
+ 20101200	TREE ROOT PRUNING	EACH	9	9
+ 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	164	164
+ 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	164	164
+ 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	164	164
20200100	EARTH EXCAVATION	CU YD	10,960	10,960
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,516	6,516
20300100	CHANNEL EXCAVATION	CU YD	66	66
20700220	POROUS GRANULAR EMBANKMENT	CU YD	496	496
20800150	TRENCH BACKFILL	CU YD	798	798
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	9,964	9,964
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,887	1,887
+ 25000210	SEEDING, CLASS 2A	ACRE	2	2
+ 25000312	SEEDING, CLASS 4A	ACRE	1	1
+ 25000322	SEEDING, CLASS 5A	ACRE	1	1
+ 25100630	EROSION CONTROL BLANKET	SO YD	16,766	16,766
+ 25200200	SUPPLEMENTAL WATERING	UNIT	11	11
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,751	1,751
28000305	TEMPORARY DITCH CHECKS	FOOT	474	474
28000400	PERIMETER EROSION BARRIER	FOOT	10,609	10,609
28000500	INLET AND PIPE PROTECTION	EACH	32	32
• 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	6,516	6,516
• 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	24,642	24,642
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	2,805	2,805
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	5,900	5,900
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	48	48
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	767	767
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	276	276
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	46,665	46,665
40701941	HMA PAVEMENT (FULL-DEPTH), 13"	SO YD	21,077	21,077
• 40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	5,078	5,078
42001300	PROTECTIVE COAT	SO YD	3,511	3,511
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	161	161
42400800	DETECTABLE WARNINGS	SO FT	58	58
44000100	PAVEMENT REMOVAL	SO YD	17,964	17,964
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	2,476	2,476
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	770	770
44200050	WELDED WIRE REINFORCEMENT	SO YD	1	1

NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SO YD/IN.

+ SPECIALTY ITEM

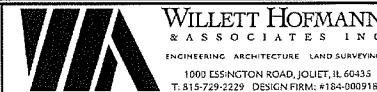
• SEE SPECIAL PROVISIONS

△ CONSTRUCTION TYPE CODE = 0042

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REVISION	DATE	BY	REMARKS	DRAWN
				JSH
				CHECKED
				GFS
				APPROVED
				GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES
SHEET 1 OF 5

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	3
			CONTRACT 61E00	
WHA* 1189J16		ILLINOIS		

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 80% FEDERAL 0004
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SO YD	354	354
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	165	165
50105220	PIPE CULVERT REMOVAL	FOOT	367	367
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	1
50200100	STRUCTURE EXCAVATION	CU YD	766	766
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	4	4
50300225	CONCRETE STRUCTURES	CU YD	129	129
50300255	CONCRETE SUPERSTRUCTURES	CU YD	59	59
50300260	BRIDGE DECK GROOVING	SO YD	261	261
50300280	CONCRETE ENCASEMENT	CU YD	30	30
50301350	CONCRETE SUPERSTRUCTURES (APPROACH SLAB)	CU YD	97	97
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	118,790	118,790
50800515	BAR SPLICERS	EACH	708	708
51201600	FURNISHING STEEL PILES HP12X53	FOOT	534	534
52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1,742	1,742
52200800	SEGMENTAL CONCRETE BLOCK WALL	SO FT	32	32
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	98	98
54003000	CONCRETE BOX CULVERTS	CU YD	232	232
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	EACH	1	1
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTION 15"	EACH	10	10
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	EACH	2	2
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTION 30"	EACH	1	1
* 54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	2
* 54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	1
5421C015	PIPE CULVERTS, CLASS C, TYPE 1 15" (TEMPORARY)	FOOT	13	13
5421C024	PIPE CULVERTS, CLASS C, TYPE 1 24" (TEMPORARY)	FOOT	126	126
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	55	55
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	66	66
550A0040	STORM SEWERS, CLASS A, TYPE 1 10"	FOOT	155	155
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	36	36
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	576	576
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	41	41
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	419	419
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	20	20
550A4000	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND SIZE 18"	FOOT	254	254
55100200	STORM SEWER REMOVAL 6"	FOOT	42	42
55100700	STORM SEWER REMOVAL 15"	FOOT	360	360
+ 56103100	DUCTILE IRON WATERMAIN, 8"	FOOT	856	856
+ 56103200	DUCTILE IRON WATERMAIN, 10"	FOOT	81	81

NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

+ SPECIALTY ITEM

• SEE SPECIAL PROVISIONS

△ CONSTRUCTION TYPE CODE = 0042

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1003 ESSINGTON ROAD, JOLIET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SUMMARY OF QUANTITIES
SHEET 2 OF 5

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	4
CONTRACT 61E00			WHA* 1189J16 ILLINOIS	

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sh-t-sec3.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 80% FEDERAL 0004
+*	56105000 WATER VALVE 8"	EACH	2	2
+*	56105100 WATER VALVE 10"	EACH	3	3
+	56108300 ADJUST WATER VALVES 8"	EACH	1	1
+*	56109100 TAPPING VALVE AND SLEEVES 12"	EACH	2	2
+*	56200300 WATER SERVICE LINE 1"	FOOT	68	68
+*	56200700 WATER SERVICE LINE 2"	FOOT	62	62
+*	56201400 CORPORATION STOPS 1"	EACH	1	1
+*	56201800 CORPORATION STOPS 2"	EACH	1	1
+	56400500 FIRE HYDRANT TO BE REMOVED	EACH	2	2
+*	56400820 FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2	2
	59100100 GEOCOMPOSITE WALL DRAIN	SQ YD	179	179
	60100060 CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	6	6
	60100085 GEOTECHNICAL FABRIC FOR FRENCH DRAINS	SQ YD	95	95
	60108204 PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	572	572
	60207605 CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	4
	60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4
	60223800 MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3
	60224446 MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
	60240220 INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3	3
	60240301 INLETS, TYPE B, TYPE 8 GRATE	EACH	4	4
	60255500 MANHOLES TO BE ADJUSTED	EACH	5	5
	60500040 REMOVING MANHOLES	EACH	5	5
	60500060 REMOVING INLETS	EACH	5	5
	60600095 CLASS SI CONCRETE (OUTLET)	CU YD	2	2
	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	183	183
	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	10,323	10,323
	60624600 CORRUGATED MEDIAN	SQ FT	184	184
+*	63000009 STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	313	313
+	63100085 TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2
+*	63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2
	63200310 GUARDRAIL REMOVAL	FOOT	8	8
	67100100 MOBILIZATION	LSUM	1	1
	70300100 SHORT TERM PAVEMENT MARKING	FOOT	830	830
	70300150 SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	283	283
	70300220 TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	63,112	63,112
	70300280 TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	30	30
	70400100 TEMPORARY CONCRETE BARRIER	FOOT	700	700
	70400200 RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	700	700
	70600240 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	14	14
	70600340 IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2	EACH	14	14

NOTES

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SO YD/IN.
- + SPECIALTY ITEM
 - SEE SPECIAL PROVISIONS
 - △ CONSTRUCTION TYPE CODE = 0042

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSLINGTON ROAD, JOLIET, IL 60435
T. 815-729-2229 DESIGN FIRM: #184-002918



79 MOEN AVENUE
ROCKDALE, IL 60436

**SUMMARY OF QUANTITIES
SHEET 3 OF 5**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	5
CONTRACT 61E00			WHM* 1189J16 ILLINOIS	

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-shr-ssq.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 80% FEDERAL 0004
+ 72000100	SIGN PANEL - TYPE I	SQ FT	191	191
+ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	23	23
+ 72400710	RELOCATE SIGN PANEL - TYPE I	SQ FT	14	14
+ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2
+ 72900100	METAL POST - TYPE A	FOOT	252	252
+ 72900200	METAL POST - TYPE B	FOOT	323	323
+ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	385	385
+ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	24,102	24,102
+ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	234	234
+ 78001150	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	354	354
+ 78001180	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	90	90
+ 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	73	73
+ 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1,072	1,072
+ 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	238	238
+ 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	46	46
+ 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	36	36
+ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	259	259
+ 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	11	11
+ 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1
+ A2002366	TREE, BETULA NIGRA (RIVER BIRCH), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10
+ A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6
+ A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3
+ A2007818	TREE, TILIA AMERICANA MCKSENTRY (SENTRY AMERICAN LINDEN/BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	10	10
+ B2001616	TREE, CRATAEGUS GRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6
* X0322128	MEMBRANE WATERPROOFING FOR BURIED STRUCTURES	SQ YD	389	389
* X0326296	TEMPORARY STORM SEWER 24"	FOOT	21	21
* X0327680	TRENCH DRAIN	FOOT	140	140
* X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	15,573	15,573
* X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2,098	2,098
* X2090215	SELECT GRANULAR BACKFILL, SPECIAL	CU YD	118	118
+ X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	1,696	1,696
+ X5610640	PLUG EX WATER MAIN	EACH	4	4
+ X5610708	WATER MAIN REMOVAL, 8"	FOOT	735	735
* X5610710	WATER MAIN REMOVAL, 10"	FOOT	81	81
* X5610748	WATER MAIN LINE STOP 8"	EACH	4	4
* X5610750	WATER MAIN LINE STOP 10"	EACH	1	1
* X6024248	INLETS, SPECIAL, NO. 4	EACH	10	10
* X6024250	INLETS, SPECIAL, NO. 5	EACH	8	8
* X6024252	INLETS, SPECIAL, NO. 6	EACH	4	4
* X6024875	TEMPORARY INLET	EACH	1	1

NOTES

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
- + SPECIALTY ITEM
- * SEE SPECIAL PROVISIONS
- △ CONSTRUCTION TYPE CODE = 0042

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLIET, IL 60435
T. 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

**SUMMARY OF QUANTITIES
SHEET 4 OF 5**

F.A.U. RT#	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	6
CONTRACT 61E00				
WHA* 1189J16 ILLINOIS				

FILE = S:\PROJECTS\2016\1189J16_RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-shr-soq5.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 80% FEDERAL 0004
• X6061460	PAVED DITCH (SPECIAL)	FOOT	70	70
+ X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	214	214
• X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	200	200
• Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
+ Z0015000	CURB STOPS 1"	EACH	1	1
+ Z0015300	CURB STOPS 2"	EACH	1	1
• Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52
+ Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	9,329	9,329
• Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	107	107
• Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	1,055	1,055
• Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	156	156
• Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	149	149
• Z0062456	TEMPORARY PAVEMENT	SQ YD	5,900	5,900
• Z0065000	SETTING PILES IN ROCK	EACH	30	30
Δ Z0076600	TRAINEES	HOUR	1,000	1,000
Δ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000
+ XX009227	CASING (WATERMAIN REQUIREMENTS), 16" DIA.	FOOT	30	30
+ XX009228	MOBILIZATION FOR SUB-SURFACE EXPLORATION	LSUM	1	1
+ XX009229	SUB-SURFACE EXPLORATION	FOOT	32	32
XX009230	SUB-SURFACE EXPLORATION REPORT	LSUM	1	1

NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

+ SPECIALTY ITEM

• SEE SPECIAL PROVISIONS

Δ CONSTRUCTION TYPE CODE = 0042

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1099 ESSINGTON ROAD, JOUET, IL 60433
T. 815-729-2229 DESIGN FIRM #184-000918

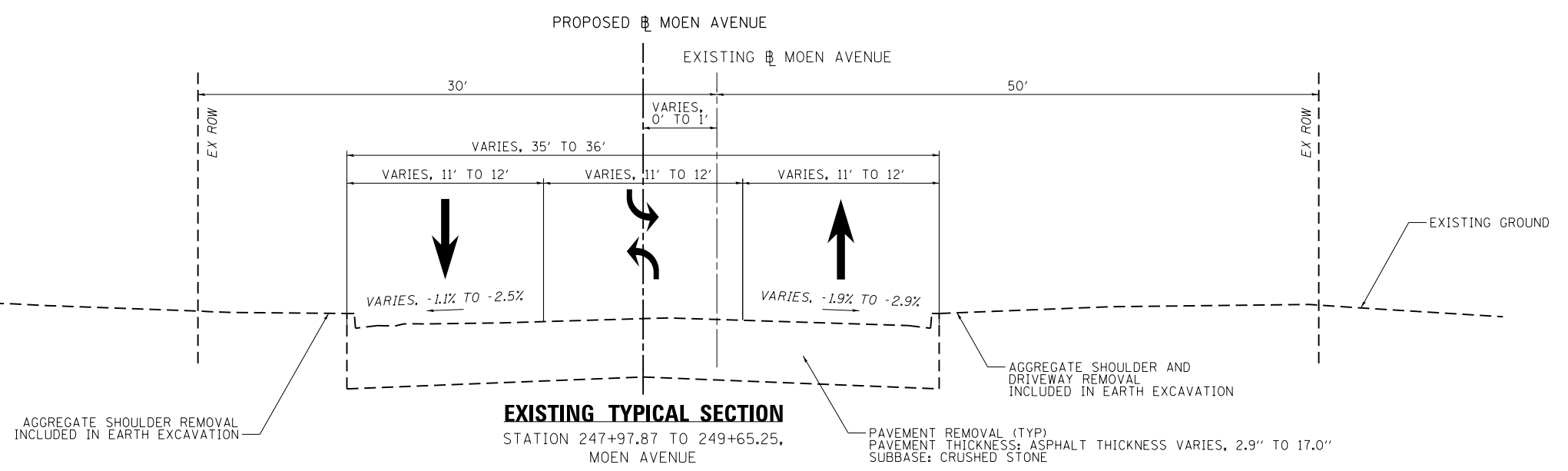
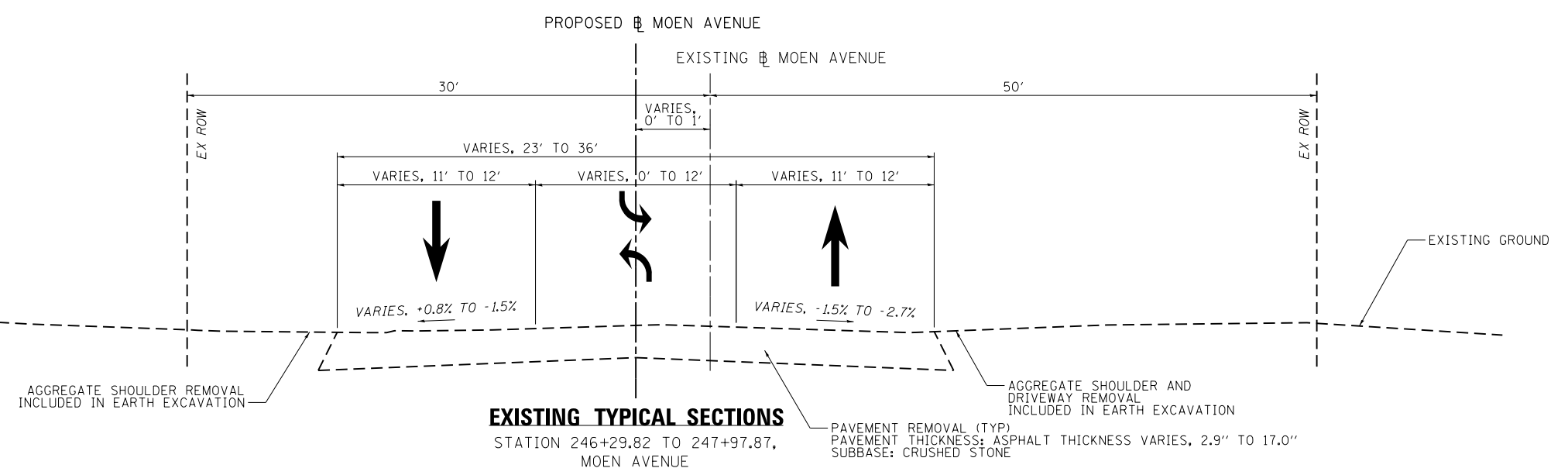
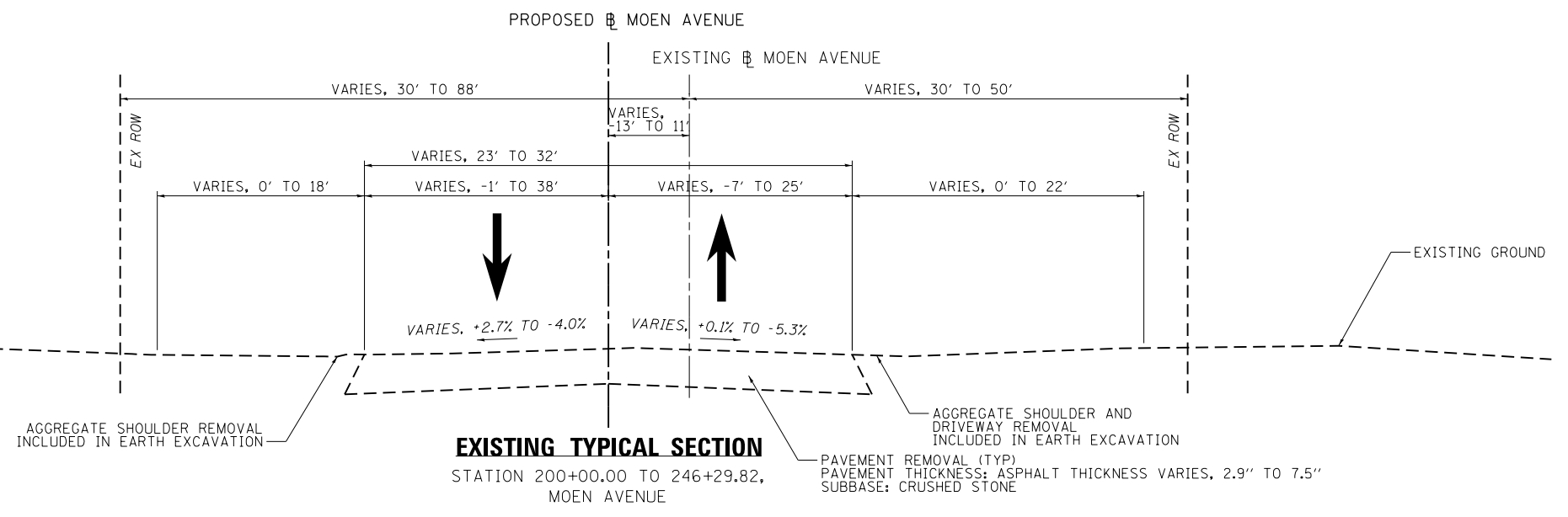


79 MOEN AVENUE
ROCKDALE, IL 60436

SUMMARY OF QUANTITIES
SHEET 5 OF 5

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	7
WHA* 1189J16 ILLINOIS			CONTRACT 61E00	

NOTE:
 - FOR DETAILED INFORMATION AT SPECIFIC LOCATIONS, SEE THE CROSS SECTION SHEETS.



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REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

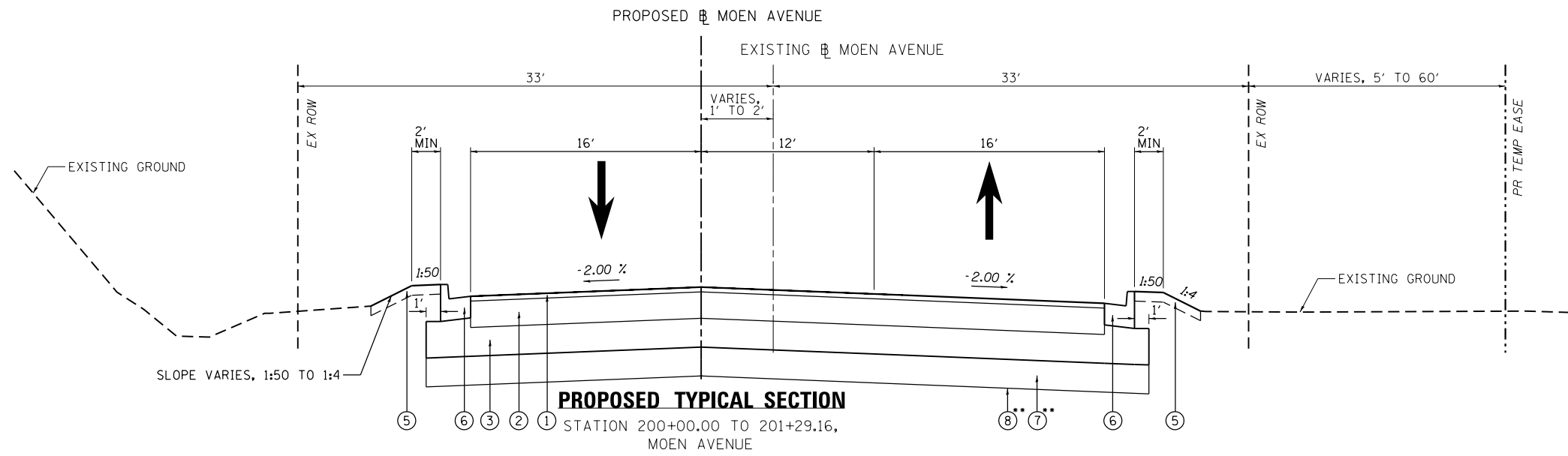
WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-00918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

TYPICAL SECTIONS - MOEN AVENUE
 SHEET 1 OF 3

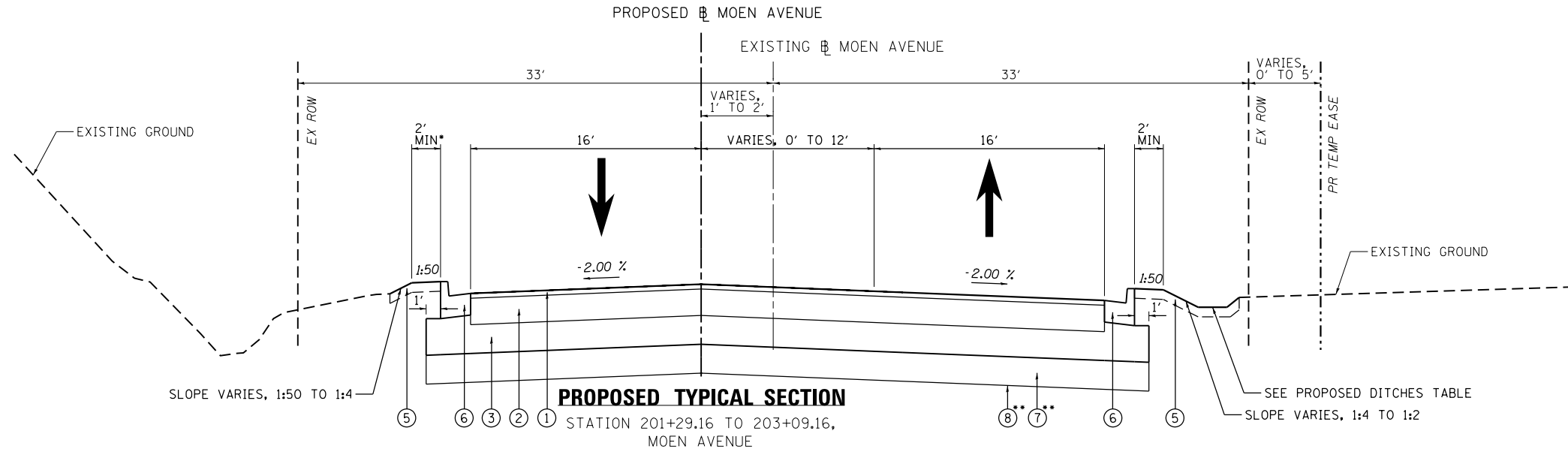
STA. 200 + 00.00 TO 249 + 65.25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	8
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			



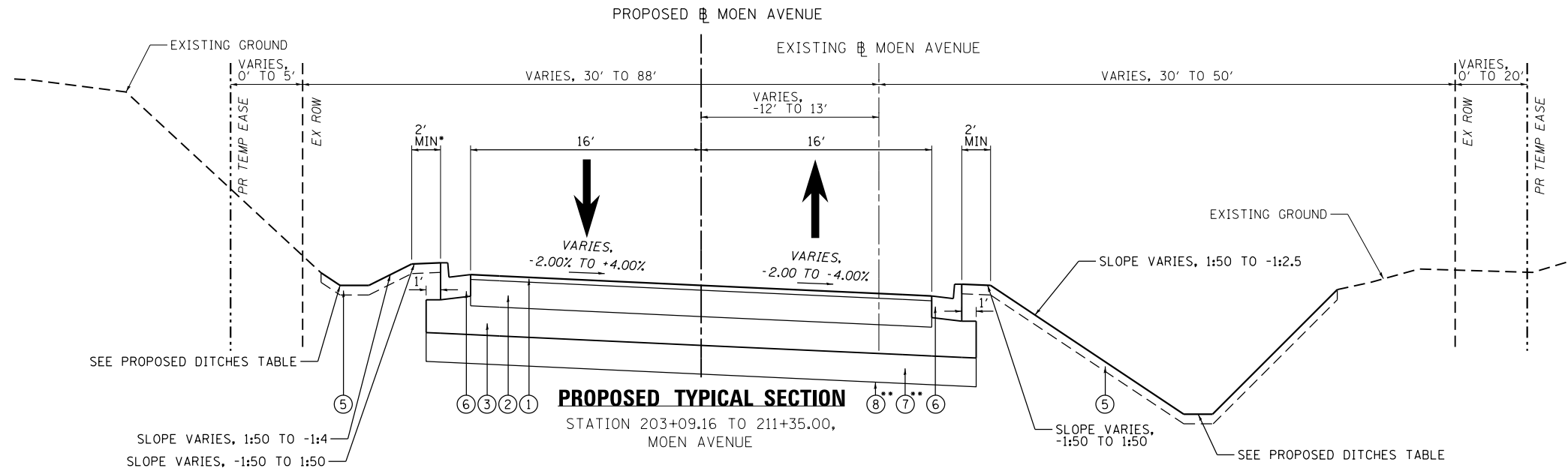
PROPOSED TYPICAL SECTION

STATION 200+00.00 TO 201+29.16, MOEN AVENUE



PROPOSED TYPICAL SECTION

STATION 201+29.16 TO 203+09.16, MOEN AVENUE



PROPOSED TYPICAL SECTION

STATION 203+09.16 TO 211+35.00, MOEN AVENUE

NOTES:

- FOR DETAILED INFORMATION AT SPECIFIC LOCATIONS, SEE THE CROSS SECTION SHEETS.
- GUARDRAIL IS PROPOSED FROM STATION 211+28.17 RT TO 216+79.44 RT.
- 2-FOOT SHELF IS NOT PROVIDED ON LEFT SIDE OF ROADWAY FROM STA. 209+00.00 TO 209+50.00 AND FROM STA. 212+40.00 TO 212+80.00.
- ANTICIPATED UNDERCUT LOCATIONS FOUND IN UNDERCUT TABLE.

PROPOSED DITCHES

STATION RANGE	SIDE/LOCATION	FRONT SLOPE	BOTTOM WIDTH	BACK SLOPE
201+94.33 TO 209+24.58	RIGHT	1:4 TO 1:2	2' MIN.	1:3 TO 1:2
204+00.00 TO 207+94.88	LEFT	1:4	2' MIN.	1:6 TO 1:3
210+00.00 TO 211+25.00	LEFT	1:4	2' MIN.	1:3

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

APPLICATION	MIXTURE TYPE	AIR VOIDS @ NDES
SHARED-USE PATH	2" HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	4% @ 50 GYR
MOEN AVENUE/MOUND ROAD	2" POLY HMA SURF COURSE, SMA, N80 (IL 9.5 MM)	3.5% @ 80 GYR
	11" HMA BINDER COURSE, IL-19.0, N70	4% @ 70 GYR
DRIVEWAYS	2" HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	4% @ 50 GYR
	6" HMA BINDER COURSE, IL-19.0, N50	4% @ 50 GYR
TEMPORARY PAVEMENT	4" HMA BINDER COURSE, IL-19.0, N70	4% @ 70 GYR
SHOULDERS	6" HMA BINDER COURSE, IL-19.0, N50	4% @ 50 GYR

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/ SQ YD/IN.
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA, THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
 - FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.
 - FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

CONCRETE REQUIREMENTS

APPLICATION	MIXTURE TYPE
DRIVEWAYS	8" CLASS PV CONCRETE REINFORCED WITH (6"x6")-(#10x#10) WELDED WIRE MESH

PROPOSED UNDERCUTS

STATION RANGE	ESTIMATED UNDERCUT	GEOTEXTILE FABRIC UNDER AGGREGATE SUBGRADE BASE
200+00 TO 204+00	18"	YES

PROPOSED PAVEMENT LEGEND

- 2" POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80
- 11" HMA BINDER COURSE, IL-19.0, N70
- AGGREGATE SUBGRADE IMPROVEMENT 12"
- 8" AGGREGATE SHOULDER
- 6" TOPSOIL FURNISH AND PLACE
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- AGGREGATE SUBGRADE IMPROVEMENT (TYPE, DEPTH, AND LOCATION DETERMINED BY ENGINEER)
- FABRIC FOR GROUND STABILIZATION (GEOTEXTILE FABRIC)

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REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
 ROCKDALE, IL 60436

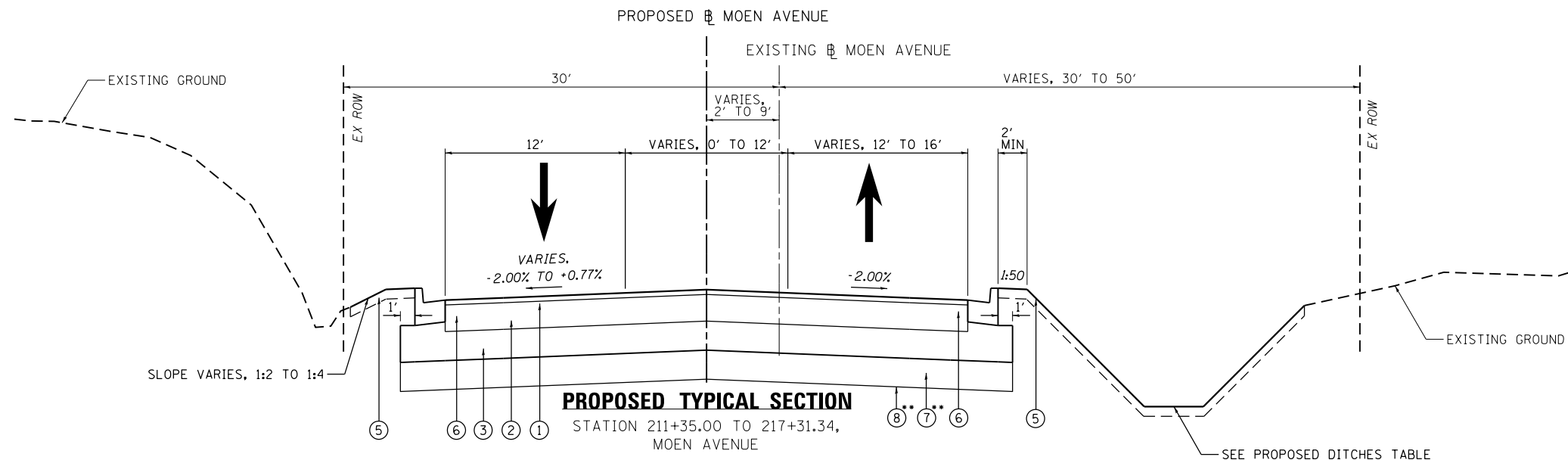
TYPICAL SECTIONS - MOEN AVENUE
 SHEET 2 OF 3

STA. 200 + 00.00 TO 211 + 35.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	9

CONTRACT 61E00

WHA # 1189J16 | ILLINOIS



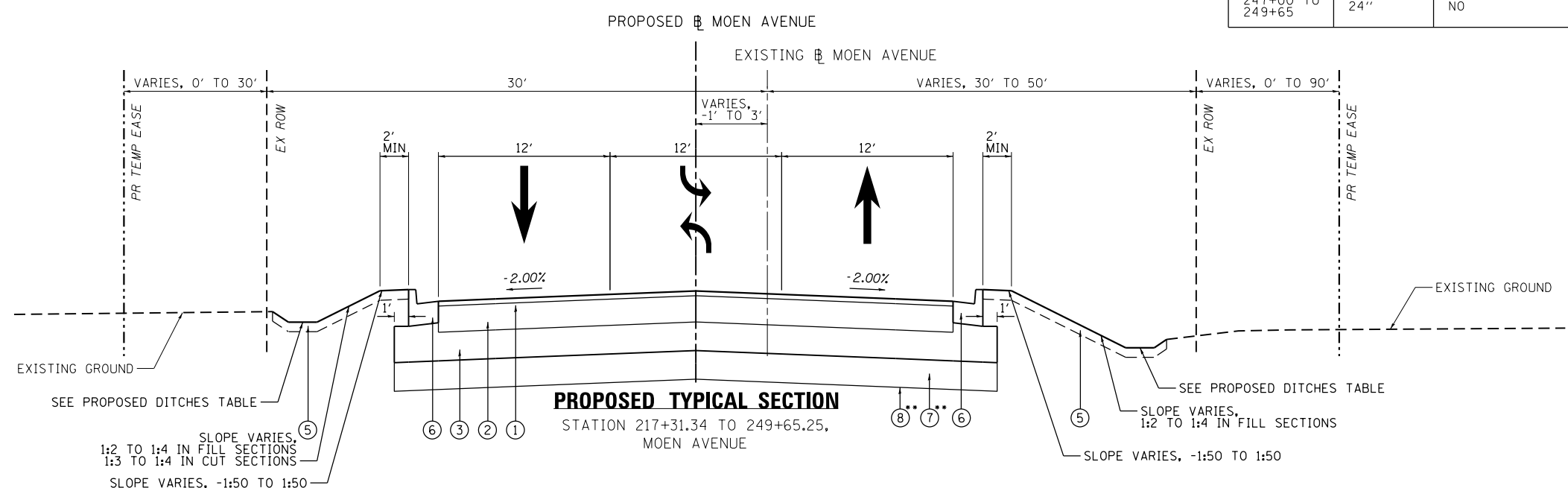
- NOTES:**
- FOR DETAILED INFORMATION AT SPECIFIC LOCATIONS, SEE THE CROSS SECTION SHEETS.
 - GUARDRAIL IS PROPOSED FROM STATION 211+28.17 RT TO 216+79.44 RT.
 - ** ANTICIPATED UNDERCUT LOCATIONS FOUND IN UNDERCUT TABLE.

PROPOSED DITCHES

STATION RANGE	SIDE/LOCATION	FRONT SLOPE	BOTTOM WIDTH	BACK SLOPE
211+50.00 TO 216+50.00	RIGHT	1:3 TO 1:2	2' MIN.	1:2.5 TO 1:2
216+78.00 TO 218+50.00	RIGHT	1:3	2' MIN.	1:3
218+00.00 TO 218+05.00	LEFT	1:4 TO 1:2	2' MIN.	1:50
220+00.00 TO 221+50.00	LEFT	1:3	2' MIN.	1:3 TO 1:2
219+40.81 TO 220+75.00	RIGHT	1:3	2' MIN.	1:3
222+50.00 TO 223+50.00	LEFT	1:2	2' MIN.	1:2
224+00.00 TO 228+00.00	LEFT	1:50 TO 1:2	2' MIN.	1:3 TO 1:2
223+75.35 TO 225+50.00	RIGHT	1:3 TO 1:2	2' MIN.	1:3
228+73.04 TO 230+60.00	LEFT	1:4	2' MIN.	1:3 TO 1:2
233+60.00 TO 233+90.00	RIGHT	1:3	2' MIN.	1:3
234+37.90 TO 234+50.00	RIGHT	1:3	2' MIN.	1:3
235+00.00 TO 235+50.00	LEFT	1:4	2' MIN.	1:3
237+81.31 TO 238+00.44	LEFT	1:2	3'	1:2
238+30.44 TO 238+80.00	LEFT	1:2	3' TO 5'	1:2
241+50.00 TO 242+50.00	RIGHT	1:4	2' MIN.	1:3
244+93.64 TO 245+70.00	RIGHT	1:3	2' MIN.	1:3
245+95.00 TO 246+74.90	LEFT	1:4 TO 1:2	2' MIN.	1:3 TO 1:2
245+95.00 TO 246+74.90	RIGHT	1:4	2' MIN.	1:3
247+50.00 TO 248+35.00	RIGHT	1:4	2' MIN.	1:3

PROPOSED UNDERCUTS

STATION RANGE	ESTIMATED UNDERCUT	GEOTEXTILE FABRIC UNDER AGGREGATE SUBGRADE BASE
216+00 TO 222+00	24"	YES
225+40 TO 228+50	24"	YES
228+50 TO 231+75	0"	YES
231+75 TO 234+75	6"	NO
237+00 TO 238+40	12"	YES
238+40 TO 239+50	24"	YES
244+25 TO 245+75	12"	NO
247+00 TO 249+65	24"	NO



PROPOSED PAVEMENT LEGEND

- ① 2" POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80
- ② 11" HMA BINDER COURSE, IL-19.0, N70
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ 8" AGGREGATE SHOULDER
- ⑤ 6" TOPSOIL FURNISH AND PLACE
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑦ AGGREGATE SUBGRADE IMPROVEMENT (TYPE, DEPTH, AND LOCATION DETERMINED BY ENGINEER)
- ⑧ FABRIC FOR GROUND STABILIZATION (GEOTEXTILE FABRIC)

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REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

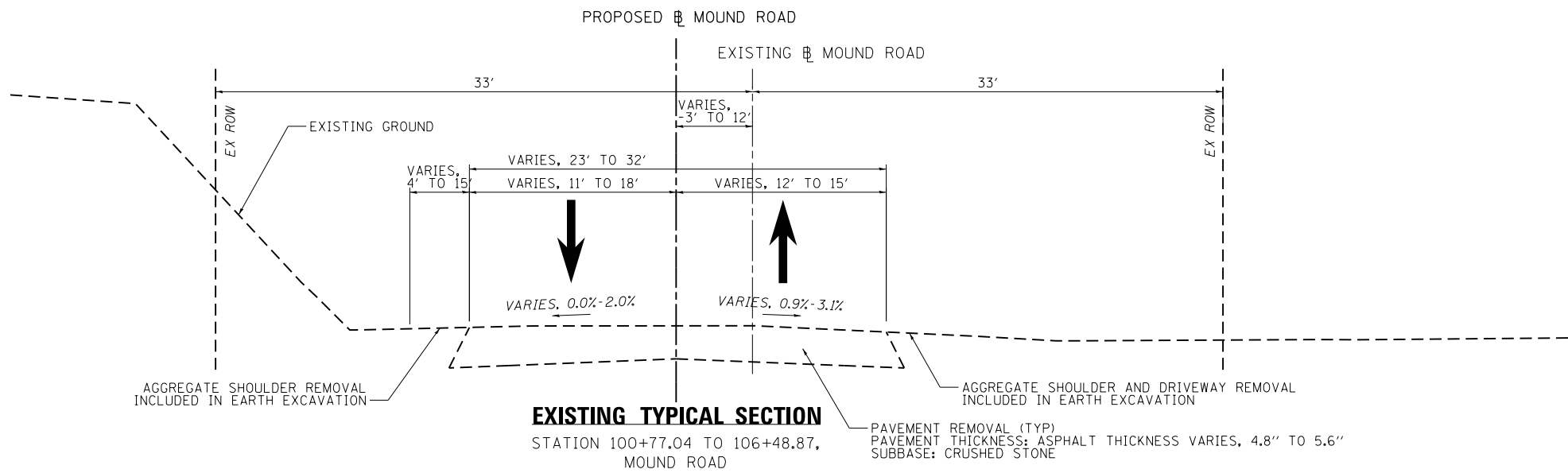


79 MOEN AVENUE
 ROCKDALE, IL 60436

TYPICAL SECTIONS - MOEN AVENUE
 SHEET 3 OF 3

STA. 211 + 35.00 TO 249 + 65.25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	10
CONTRACT 61E00				
WHA# 1189J16		ILLINOIS		

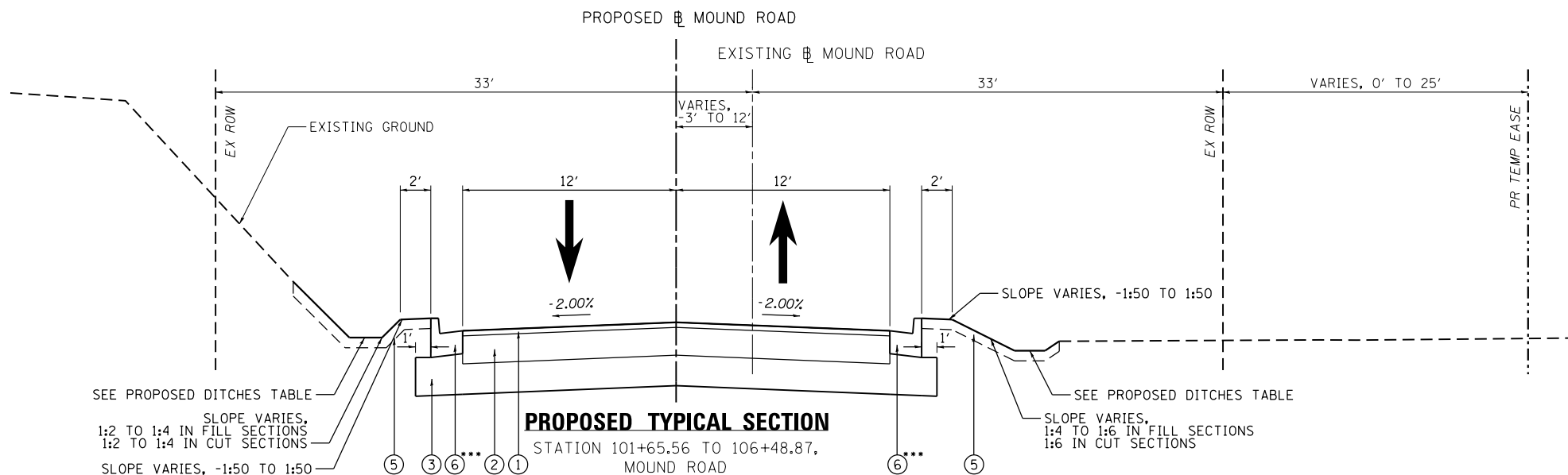
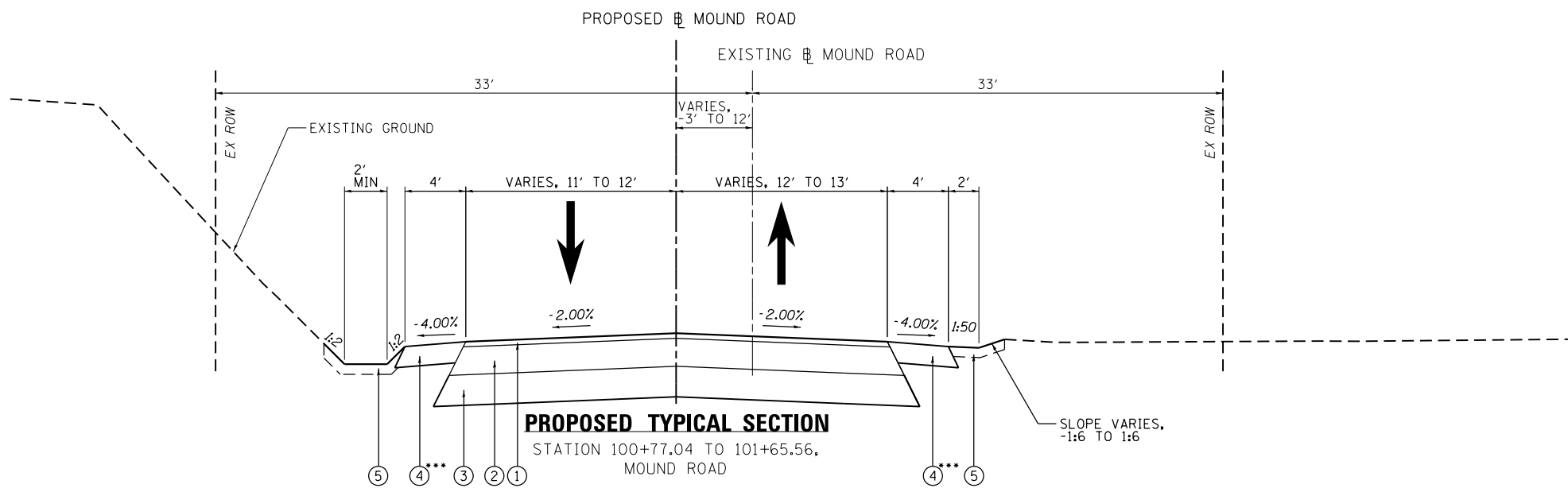


NOTES:

- AGGREGATE SHOULDER CONTINUES TO STA. 102+16.29, RT AND 106+06.33, LT.
- FOR DETAILED INFORMATION AT SPECIFIC LOCATIONS, SEE THE CROSS SECTION, AND PLAN AND PROFILE SHEETS.

PROPOSED DITCHES

STATION RANGE	SIDE/LOCATION	FRONT SLOPE	BOTTOM WIDTH	BACK SLOPE
100+77.04 TO 105+84.77	LEFT	1:2	2' MIN.	1:2
100+77.04 TO 101+00.00	RIGHT	1:50	0'	1:6
103+50.00 TO 105+25.00	RIGHT	1:50 TO 1:4	2' MIN.	1:3



PROPOSED PAVEMENT LEGEND

- ① 2" POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80
- ② 11" HMA BINDER COURSE, IL-19.0, N70
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ 8" AGGREGATE SHOULDER
- ⑤ 6" TOPSOIL FURNISH AND PLACE
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑦ AGGREGATE SUBGRADE IMPROVEMENT (TYPE, DEPTH, AND LOCATION DETERMINED BY ENGINEER)
- ⑧ FABRIC FOR GROUND STABILIZATION (GEOTEXTILE FABRIC)

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-typical.dgn

REVISION	DATE	BY	REMARKS

DRAWN JSH
CHECKED GFS
APPROVED GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLET HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

TYPICAL SECTIONS - MOUND ROAD
SHEET 1 OF 1

STA. 100 + 77.04 TO 106 + 48.87

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	11
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
STATION	UNIT	REMARKS
MOEN AVENUE		
201+04, RT	7	
201+15, RT	7	
202+26, RT	6	
202+26, RT	7	
211+00, LT	6	
211+01, LT	6	
211+14, LT	7	
211+28, LT	7	
211+37, LT	6	
212+39, RT	14	
212+78, RT	12	
212+87, LT	6	
212+90, LT	8	
213+23, RT	6	
213+26, RT	6	
213+62, RT	6	
213+67, RT	6	
214+32, RT	6	
214+68, RT	6	
214+87, RT	6	
215+63, RT	6	
216+05, RT	12	CLUSTER
216+33, RT	10	
216+46, RT	12	
233+46, LT	10	
234+60, LT	12	
235+15, LT	8	
246+34, LT	6	
246+60, LT	7	
246+86, LT	7	
PROJECT TOTAL	231	

20100110

TREE REMOVAL (OVER 15 UNITS DIAMETER)		
STATION	UNIT	REMARKS
MOEN AVENUE		
212+22, RT	16	
212+67, RT	18	
213+81, RT	16	
245+93, LT	20	CLUSTER
PROJECT TOTAL	70	

20100210

TREE TRUNK PROTECTION		
STATION	EACH	REMARKS
MOEN AVENUE		
211+87, LT	1	
211+93, LT	1	
213+11, LT	1	
213+41, LT	1	
213+50, LT	1	
213+60, LT	1	
213+70, LT	1	
216+95, LT	1	
217+01, LT	1	
217+41, LT	1	
229+14, RT	1	
246+27, RT	1	
246+81, RT	1	
247+51, RT	1	
248+18, RT	1	
PROJECT TOTAL	15	

20101100

TREE ROOT PRUNING		
STATION	EACH	REMARKS
MOEN AVENUE		
213+11, LT	1	
213+41, LT	1	
213+50, LT	1	
213+60, LT	1	
213+70, LT	1	
216+95, LT	1	
217+01, LT	1	
217+41, LT	1	
229+14, RT	1	
PROJECT TOTAL	9	

20101200

NITROGEN FERTILIZER NUTRIENT		
STATION	POUND	REMARKS
MOEN AVENUE		
213+11, LT	2	TREE PRUNING LOCATION
213+41, LT	2	TREE PRUNING LOCATION
213+50, LT	2	TREE PRUNING LOCATION
213+60, LT	2	TREE PRUNING LOCATION
213+70, LT	2	TREE PRUNING LOCATION
216+95, LT	2	TREE PRUNING LOCATION
217+01, LT	2	TREE PRUNING LOCATION
217+41, LT	2	TREE PRUNING LOCATION
229+14, RT	2	TREE PRUNING LOCATION
216+56 - 218+66, RT	14	CLASS 2A SEEDING
218+96 - 220+85, RT	11	CLASS 2A SEEDING
219+54 - 221+36, LT	5	CLASS 2A SEEDING
221+05 - 221+80, RT	2	CLASS 2A SEEDING
221+67 - 228+29, LT	14	CLASS 2A SEEDING
222+05 - 222+98, RT	1	CLASS 2A SEEDING
223+36 - 226+22, RT	13	CLASS 2A SEEDING
226+53 - 226+90, RT	3	CLASS 2A SEEDING
227+02 - 228+58, RT	2	CLASS 2A SEEDING
228+54 - 230+82, LT	5	CLASS 2A SEEDING
228+88 - 229+15, RT	1	CLASS 2A SEEDING
229+72 - 231+49, RT	3	CLASS 2A SEEDING
231+17 - 231+96, LT	2	CLASS 2A SEEDING
231+84 - 232+53, RT	1	CLASS 2A SEEDING
233+24 - 234+04, RT	3	CLASS 2A SEEDING
234+30 - 236+25, RT	4	CLASS 2A SEEDING
241+34 - 242+65, RT	8	CLASS 2A SEEDING
241+80 - 242+43, LT	2	CLASS 2A SEEDING
243+00 - 243+79, RT	2	CLASS 2A SEEDING
243+30 - 244+67, LT	3	CLASS 2A SEEDING
244+55 - 247+97, RT	11	CLASS 2A SEEDING
245+20 - 247+55, LT	4	CLASS 2A SEEDING
247+32 - 250+04, RT	16	CLASS 2A SEEDING
247+85 - 248+52, LT	1	CLASS 2A SEEDING
248+77 - 250+81, LT	4	CLASS 2A SEEDING
MOUND ROAD		
101+86 - 102+72, RT	3	CLASS 2A SEEDING
103+07 - 105+38, RT	7	CLASS 2A SEEDING
105+62 - 106+82, RT	1	CLASS 2A SEEDING
PROJECT TOTAL	164	

20101400

NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-sch1.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOUET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 1 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	12
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

PHOSPHORUS FERTILIZER NUTRIENT		
STATION	POUND	REMARKS
MOEN AVENUE		
213+11, LT	2	TREE PRUNING LOCATION
213+41, LT	2	TREE PRUNING LOCATION
213+50, LT	2	TREE PRUNING LOCATION
213+60, LT	2	TREE PRUNING LOCATION
213+70, LT	2	TREE PRUNING LOCATION
216+95, LT	2	TREE PRUNING LOCATION
217+01, LT	2	TREE PRUNING LOCATION
217+41, LT	2	TREE PRUNING LOCATION
229+14, RT	2	TREE PRUNING LOCATION
216+56 - 218+66, RT	14	CLASS 2A SEEDING
218+96 - 220+85, RT	11	CLASS 2A SEEDING
219+54 - 221+36, LT	5	CLASS 2A SEEDING
221+05 - 221+80, RT	2	CLASS 2A SEEDING
221+67 - 228+29, LT	14	CLASS 2A SEEDING
222+05 - 222+98, RT	1	CLASS 2A SEEDING
223+36 - 226+22, RT	13	CLASS 2A SEEDING
226+53 - 226+90, RT	3	CLASS 2A SEEDING
227+02 - 228+58, RT	2	CLASS 2A SEEDING
228+54 - 230+82, LT	5	CLASS 2A SEEDING
228+88 - 229+15, RT	1	CLASS 2A SEEDING
229+72 - 231+49, RT	3	CLASS 2A SEEDING
231+17 - 231+96, LT	2	CLASS 2A SEEDING
231+84 - 232+53, RT	1	CLASS 2A SEEDING
233+24 - 234+04, RT	3	CLASS 2A SEEDING
234+30 - 236+25, RT	4	CLASS 2A SEEDING
241+34 - 242+65, RT	8	CLASS 2A SEEDING
241+80 - 242+43, LT	2	CLASS 2A SEEDING
243+00 - 243+79, RT	2	CLASS 2A SEEDING
243+30 - 244+67, LT	3	CLASS 2A SEEDING
244+55 - 247+97, RT	11	CLASS 2A SEEDING
245+20 - 247+55, LT	4	CLASS 2A SEEDING
247+32 - 250+04, RT	16	CLASS 2A SEEDING
247+85 - 248+52, LT	1	CLASS 2A SEEDING
248+77 - 250+81, LT	4	CLASS 2A SEEDING
MOUND ROAD		
101+86 - 102+72, RT	3	CLASS 2A SEEDING
103+07 - 105+38, RT	7	CLASS 2A SEEDING
105+62 - 106+82, RT	1	CLASS 2A SEEDING
PROJECT TOTAL	164	
20101400		

POTASSIUM FERTILIZER NUTRIENT		
STATION	POUND	REMARKS
MOEN AVENUE		
213+11, LT	2	TREE PRUNING LOCATION
213+41, LT	2	TREE PRUNING LOCATION
213+50, LT	2	TREE PRUNING LOCATION
213+60, LT	2	TREE PRUNING LOCATION
213+70, LT	2	TREE PRUNING LOCATION
216+95, LT	2	TREE PRUNING LOCATION
217+01, LT	2	TREE PRUNING LOCATION
217+41, LT	2	TREE PRUNING LOCATION
229+14, RT	2	TREE PRUNING LOCATION
216+56 - 218+66, RT	14	CLASS 2A SEEDING
218+96 - 220+85, RT	11	CLASS 2A SEEDING
219+54 - 221+36, LT	5	CLASS 2A SEEDING
221+05 - 221+80, RT	2	CLASS 2A SEEDING
221+67 - 228+29, LT	14	CLASS 2A SEEDING
222+05 - 222+98, RT	1	CLASS 2A SEEDING
223+36 - 226+22, RT	13	CLASS 2A SEEDING
226+53 - 226+90, RT	3	CLASS 2A SEEDING
227+02 - 228+58, RT	2	CLASS 2A SEEDING
228+54 - 230+82, LT	5	CLASS 2A SEEDING
228+88 - 229+15, RT	1	CLASS 2A SEEDING
229+72 - 231+49, RT	3	CLASS 2A SEEDING
231+17 - 231+96, LT	2	CLASS 2A SEEDING
231+84 - 232+53, RT	1	CLASS 2A SEEDING
233+24 - 234+04, RT	3	CLASS 2A SEEDING
234+30 - 236+25, RT	4	CLASS 2A SEEDING
241+34 - 242+65, RT	8	CLASS 2A SEEDING
241+80 - 242+43, LT	2	CLASS 2A SEEDING
243+00 - 243+79, RT	2	CLASS 2A SEEDING
243+30 - 244+67, LT	3	CLASS 2A SEEDING
244+55 - 247+97, RT	11	CLASS 2A SEEDING
245+20 - 247+55, LT	4	CLASS 2A SEEDING
247+32 - 250+04, RT	16	CLASS 2A SEEDING
247+85 - 248+52, LT	1	CLASS 2A SEEDING
248+77 - 250+81, LT	4	CLASS 2A SEEDING
MOUND ROAD		
101+86 - 102+72, RT	3	CLASS 2A SEEDING
103+07 - 105+38, RT	7	CLASS 2A SEEDING
105+62 - 106+82, RT	1	CLASS 2A SEEDING
PROJECT TOTAL	164	
20101400		

TRENCH BACKFILL		
STATION	CU YD	REMARKS
MOEN AVENUE		
201+94	32	P-1
206+05 - 206+50, RT	8	P-2
207+52 - 207+95, RT	6	P-3
210+25	1	UNDERDRAIN
210+25 - 211+00, RT	4	P-4
211+00 - 212+00, RT	24	P-7
212+30	1	UNDERDRAIN
213+50	1	UNDERDRAIN
215+00	1	UNDERDRAIN
216+25 - 216+46, LT	11	P-12
216+46 - 216+78, LT	17	P-13
216+46	26	P-14
216+50	2	UNDERDRAIN
218+00	2	UNDERDRAIN
218+15 - 218+73, LT	18	P-16
218+15	10	P-18
218+15 - 219+41, RT	22	P-19
218+73 - 219+77, LT	85	P-15
219+45	1	UNDERDRAIN
220+75 - 221+50, RT	5	P-20
222+50	1	UNDERDRAIN
222+50 - 223+50, LT	29	P-29
223+50 - 223+75, LT	6	P-31
223+75	6	P-32
223+75 - 225+50, LT	118	P-28
225+50	1	UNDERDRAIN
225+50 - 226+61, LT	31	P-27
226+61 - 226+92, LT	6	P-26
226+94	1	UNDERDRAIN
226+92 - 227+23, LT	5	P-25
227+23 - 228+75, LT	18	P-24
228+75 - 230+60, LT	22	P-23
230+60 - 231+38, LT	9	P-22
231+38 - 231+75, LT	5	P-21
226+84 - 227+28, RT	4	P-35
227+28 - 228+35, RT	17	P-34
228+35 - 230+00, RT	19	P-33
230+00	1	UNDERDRAIN
233+60 - 234+38, RT	4	P-39
234+38, LT	1	UNDERDRAIN
240+10 - 240+90, LT	30	P-46
240+10 - 240+90, LT	30	P-47
240+90 - 241+96, LT	15	P-44
241+96 - 242+20, LT	3	P-43
240+90, 241+20, LT	4	P-45
240+10 - 241+50, RT	38	P-50
241+96, LT	1	UNDERDRAIN
241+96, RT	1	UNDERDRAIN
242+50 - 243+25, RT	6	P-48
243+50 - 245+78, LT	66	P-54
245+89 - 246+55, LT	21	P-53
246+55 - 246+75, LT	2	P-52
PROJECT TOTAL	798	
20800150		

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL		
STATION	CU YD	REMARKS
MOEN AVENUE		
200+00 - 204+00	1,075	18" UNDERCUT
216+00 - 222+00	1,844	24" UNDERCUT
225+40 - 228+50	969	24" UNDERCUT
231+75 - 234+75	235	6" UNDERCUT
237+00 - 238+40	219	12" UNDERCUT
238+40 - 239+50	344	24" UNDERCUT
244+25 - 245+75	235	12" UNDERCUT
247+00 - 249+65	829	24" UNDERCUT
CONTINGENCY ITEM	766	
PROJECT TOTAL	6,516	
20201200		

EARTHWORK SCHEDULE				
A	B	C	D	E
LOCATION	EARTH EXCAVATION [CU YD]	EXCAVATION ADJUSTED FOR SHRINKAGE 15% [CU YD]	EMBANKMENT [CU YD]	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
MOEN AVENUE				
STAGE 1	1716	1,455	300	1,155
STAGE 2	2094	1,780	185	1,595
STAGE 3	1390	1,180	240	940
STAGE 4	3519	2,990	365	2,625
STAGE 5	1665	1,415	20	1,395
STAGE 6	2757	2,340	220	2,120
MOUND ROAD				
STAGE 1	214	180	5	175
STAGE 2	576	485	35	450
STAGE 3	602	510	5	505
STAGE 4	0	0	0	0
STAGE 5	0	0	0	0
STAGE 6	0	0	0	0
PROJECT TOTAL	14,534	12,335	1,375	10,960
20200100				

LEGEND

COLUMN A: LOCATION
 COLUMN B: CUT QUANTITIES FROM CROSS SECTIONS
 COLUMN C: COLUMN B X 0.85, (ROUNDED DOWN TO NEAREST 5 CU YD)
 EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR IS 15%
 COLUMN D: FILL QUANTITIES FROM CROSS SECTIONS (ROUNDED UP TO NEAREST 5 CU YD)
 COLUMN E: COLUMN C - COLUMN D
 POSITIVE QUANTITY = EXTRA EXCAVATION TO BE WASTED NEGATIVE QUANTITY = FURNISHED EXCAVATION NEEDED

NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

FILE = S:\PROJECTS\2016\1189J16.Rk.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-sch2.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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 T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 2 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	13
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

SUPPLEMENTAL WATERING		
STATION	UNIT	REMARKS
MOEN AVENUE		
ENTIRE PROJECT	11	TREE ROOT PRUNINGS @ 3 GAL/SQ YD
PROJECT TOTAL	11	
25200200		

TEMPORARY EROSION CONTROL SEEDING		
STATION	POUND	REMARKS
MOEN AVENUE		
ENTIRE PROJECT	1,751	5 APPLICATIONS @ 100 LBS / ACRE
PROJECT TOTAL	1,751	
28000250		

PERIMETER EROSION BARRIER		
STATION	FOOT	REMARKS
MOEN AVENUE		
200+36 - 218+92, LT	1,924	
200+59 - 218+81, RT	1,820	
219+57 - 228+41, LT	873	
218+81 - 226+38, RT	622	
226+38 - 250+04, RT	2,115	
228+69 - 236+78, LT	746	
237+62 - 251+81, LT	1,066	
MOUND ROAD		
99+17 - 106+29, LT	712	
99+17 - 107+45, RT	731	
PROJECT TOTAL	10,609	
28000400		

AGGREGATE SUBGRADE IMPROVEMENT 12"		
STATION	SO YD	REMARKS
MOEN AVENUE/MOUND ROAD		
MAINLINE	9,443	STAGE 2
MAINLINE	8,102	STAGE 3
MAINLINE	3,507	STAGE 4
B-6.18 CC&G	3,537	
B-6.12 CC&G	53	
PROJECT TOTAL	24,642	
30300112		

TEMPORARY DITCH CHECKS		
STATION	FOOT	REMARKS
MOEN AVENUE		
203+00, RT	9	
204+00, RT	9	
205+00, RT	8	
206+00, RT	8	
207+00, RT	8	
208+00, RT	9	
209+00, RT	11	
204+25, LT	11	
205+25, LT	11	
206+25, LT	11	
207+25, LT	11	
210+50, LT	10	
211+00, LT	11	
212+00, RT	8	
212+90, RT	8	
214+00, RT	8	
215+00, RT	8	
216+00, RT	9	
216+60, RT	9	
217+50, RT	9	
219+50, RT	9	
220+50, RT	9	
220+00, LT	9	
221+00, LT	9	
223+25, LT	8	
224+25, LT	10	
225+25, LT	10	
225+75, LT	10	
226+50, LT	10	
227+50, LT	8	
224+00, RT	9	
224+50, RT	9	
225+00, RT	11	
225+50, RT	12	
228+95, LT	12	
229+95, LT	12	
233+70, RT	9	
234+85, LT	9	
241+55, RT	11	
245+65, RT	9	
246+10, RT	11	
246+00, LT	8	
MOUND ROAD		
101+00, RT	8	
101+00, LT	12	
102+00, LT	11	
103+00, LT	7	
104+00, LT	10	
105+00, LT	10	
104+00, RT	11	
105+00, RT	5	
PROJECT TOTAL	474	
28000305		

INLET AND PIPE PROTECTION		
STATION	EACH	REMARKS
MOEN AVENUE		
210+25, RT	1	INLET, SP, NO 6
211+00, RT	1	INLET, TY B
216+25, LT	1	CB, TY C
216+78, LT	1	INLET, TY B
216+46, LT	1	INLET, TY B
218+00, LT	1	INLET, TY B
218+73, LT	1	INLET, SP, NO 4
219+77, LT	1	INLET, SP, NO 4
221+50, RT	1	INLET, SP, NO 5
222+50, LT	1	INLET, SP, NO 6
223+50, LT	1	CB, TY C
225+50, LT	1	INLET, SP, NO 4
226+61, LT	1	INLET, SP, NO 4
226+92, LT	1	INLET, SP, NO 4
227+23, LT	1	INLET, SP, NO 4
228+75, LT	1	INLET, SP, NO 4
230+60, LT	1	INLET, SP, NO 4
231+38, LT	1	INLET, SP, NO 4
231+75, LT	1	INLET, SP, NO 4
226+66, RT	1	INLET, TY B
226+84, RT	1	INLET, TY B
227+28, RT	1	INLET, SP, NO 5
228+35, RT	1	INLET, SP, NO 5
230+00, RT	1	INLET, SP, NO 5
234+38, RT	1	CB, TY C
241+96, LT	1	INLET, SP, NO 5
242+09, LT	1	CB, TY C
242+20, LT	1	INLET, SP, NO 5
243+25, RT	1	INLET, SP, NO 5
243+50, LT	1	INLET, SP, NO 5
246+55, LT	1	INLET, SP, NO 6
246+75, LT	1	INLET, SP, NO 6
PROJECT TOTAL	32	
28000500		

AGGREGATE SUBGRADE IMPROVEMENT		
STATION	CU YD	REMARKS
MOEN AVENUE		
200+00 - 204+00	1,075	18" UNDERCUT
216+00 - 222+00	1,844	24" UNDERCUT
225+40 - 228+50	969	24" UNDERCUT
231+75 - 234+75	235	6" UNDERCUT
237+00 - 238+40	219	12" UNDERCUT
238+40 - 239+50	344	24" UNDERCUT
244+25 - 245+75	235	12" UNDERCUT
247+00 - 249+65	829	24" UNDERCUT
CONTINGENCY ITEM	766	
PROJECT TOTAL	6,516	
30300001		

NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-sch4.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOULET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 4 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	15
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

AGGREGATE BASE COURSE, TYPE B 4"		
STATION	SO YD	REMARKS
MOEN AVENUE		
STAGE 2		
206+23, RT	100	PRIVATE ENTRANCE
207+73, RT	56	PRIVATE ENTRANCE
209+73, RT	89	PRIVATE ENTRANCE
220+95, RT	35	PRIVATE ENTRANCE
221+93, RT	67	PRIVATE ENTRANCE
222+48, RT	48	PRIVATE ENTRANCE
223+18, RT	120	PRIVATE ENTRANCE
226+38, RT	42	PRIVATE ENTRANCE, MAXIM DRIVE
226+96, RT	36	PRIVATE ENTRANCE
228+73, RT	56	PRIVATE ENTRANCE
229+43, RT	65	PRIVATE ENTRANCE
231+66, RT	41	PRIVATE ENTRANCE
232+97, RT	87	PRIVATE ENTRANCE
234+17, RT	35	PRIVATE ENTRANCE
236+29, RT	13	BIKE PATH
241+16, RT	115	PRIVATE ENTRANCE
242+82, RT	115	PRIVATE ENTRANCE
243+97, RT	42	PRIVATE ENTRANCE
244+44, RT	35	PRIVATE ENTRANCE
247+14, RT	110	PRIVATE ENTRANCE
MOEN AVENUE STAGE 2 TOTAL	1,307	
STAGE 3		
215+25, LT	28	PRIVATE ENTRANCE
MOEN AVENUE STAGE 3 TOTAL	28	
STAGE 4		
219+41, LT	79	PRIVATE ENTRANCE
221+93, LT	32	PRIVATE ENTRANCE
228+41, LT	119	PRIVATE ENTRANCE
230+99, LT	41	PRIVATE ENTRANCE
232+08, LT	30	PRIVATE ENTRANCE
236+18, LT	14	BIKE PATH
237+20, LT	128	PRIVATE ENTRANCE
238+16, LT	24	PRIVATE ENTRANCE
241+08, LT	27	PRIVATE ENTRANCE
241+61, LT	52	PRIVATE ENTRANCE
242+67, LT	28	PRIVATE ENTRANCE
243+12, LT	44	PRIVATE ENTRANCE
244+94, LT	58	PRIVATE ENTRANCE
247+21, LT	41	PRIVATE ENTRANCE
247+69, LT	47	PRIVATE ENTRANCE
248+65, LT	29	PRIVATE ENTRANCE
MOEN AVENUE STAGE 4 TOTAL	793	
MOUND ROAD		
STAGE 2		
101+69, RT	89	PRIVATE ENTRANCE
102+89, RT	83	PRIVATE ENTRANCE
105+50, RT	38	PRIVATE ENTRANCE
106+41, RT	76	PRIVATE ENTRANCE
MOUND ROAD DRIVEWAY	249	PRIVATE ENTRANCE
MOUND ROAD STAGE 2 TOTAL	535	
CONTINGENCY ITEM		
	142	
PROJECT TOTAL	2,805	

BITUMINOUS MATERIALS (TACK COAT)		
STATION	POUND	REMARKS
MOEN AVENUE/MOUND ROAD		
MAINLINE		
	18,913	STAGE 2 - 2 LB/SO YD 1 APP ON BIT
	16,225	STAGE 3 - 2 LB/SO YD 1 APP ON BIT
	7,013	STAGE 4 - 2 LB/SO YD 1 APP ON BIT
DRIVEWAYS AND BIKE PATHS		
	4,514	2 LB/SO YD 1 APP ON BIT
PROJECT TOTAL	46,665	

AGGREGATE BASE COURSE, TYPE B 8"		
STATION	SO YD	REMARKS
MOEN AVENUE/MOUND ROAD		
STAGE 1		
99+17 - 210+22, LT	1,282	TEMPORARY PAVEMENT
211+64 - 211+39, LT	17	TEMPORARY PAVEMENT
211+89 - 247+51, LT	4,544	TEMPORARY PAVEMENT
247+88 - 249+65, LT	57	TEMPORARY PAVEMENT
PROJECT TOTAL	5,900	

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50		
STATION	TON	REMARKS
MOEN AVENUE		
STAGE 2		
206+23, RT	18	PRIVATE ENTRANCE
207+73, RT	18	PRIVATE ENTRANCE
209+73, RT	29	PRIVATE ENTRANCE
220+95, RT	12	PRIVATE ENTRANCE
221+93, RT	23	PRIVATE ENTRANCE
222+48, RT	17	PRIVATE ENTRANCE
223+18, RT	41	PRIVATE ENTRANCE
226+96, RT	6	PRIVATE ENTRANCE
228+73, RT	12	PRIVATE ENTRANCE
229+43, RT	22	PRIVATE ENTRANCE
231+66, RT	14	PRIVATE ENTRANCE
232+97, RT	30	PRIVATE ENTRANCE
234+17, RT	12	PRIVATE ENTRANCE
241+16, RT	39	PRIVATE ENTRANCE
242+82, RT	39	PRIVATE ENTRANCE
243+97, RT	14	PRIVATE ENTRANCE
244+44, RT	12	PRIVATE ENTRANCE
247+14, RT	37	PRIVATE ENTRANCE
MOEN AVENUE STAGE 2 TOTAL	395	
STAGE 3		
215+25, LT	10	PRIVATE ENTRANCE
MOEN AVENUE STAGE 3 TOTAL	10	
STAGE 4		
219+25, LT	19	PRIVATE ENTRANCE
221+93, LT	9	PRIVATE ENTRANCE
228+41, LT	12	PRIVATE ENTRANCE
230+99, LT	14	PRIVATE ENTRANCE
232+08, LT	10	PRIVATE ENTRANCE
238+16, LT	5	PRIVATE ENTRANCE
241+08, LT	9	PRIVATE ENTRANCE
241+61, LT	18	PRIVATE ENTRANCE
242+67, LT	10	PRIVATE ENTRANCE
243+12, LT	15	PRIVATE ENTRANCE
244+94, LT	20	PRIVATE ENTRANCE
247+21, LT	14	PRIVATE ENTRANCE
247+69, LT	16	PRIVATE ENTRANCE
248+65, LT	10	PRIVATE ENTRANCE
MOEN AVENUE STAGE 4 TOTAL	181	
MOUND ROAD		
STAGE 2		
101+69, RT	30	PRIVATE ENTRANCE
102+89, RT	28	PRIVATE ENTRANCE
105+50, RT	13	PRIVATE ENTRANCE
106+41, RT	26	PRIVATE ENTRANCE
MOUND ROAD DRIVEWAY	84	PRIVATE ENTRANCE
MOUND ROAD STAGE 2 TOTAL	181	
PROJECT TOTAL	767	

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50		
STATION	TON	REMARKS
MOEN AVENUE		
STAGE 2		
206+23, RT	6	PRIVATE ENTRANCE
207+73, RT	6	PRIVATE ENTRANCE
209+73, RT	10	PRIVATE ENTRANCE
220+95, RT	4	PRIVATE ENTRANCE
221+93, RT	8	PRIVATE ENTRANCE
222+48, RT	6	PRIVATE ENTRANCE
223+18, RT	14	PRIVATE ENTRANCE
226+96, RT	2	PRIVATE ENTRANCE
228+73, RT	4	PRIVATE ENTRANCE
229+43, RT	8	PRIVATE ENTRANCE
231+66, RT	5	PRIVATE ENTRANCE
232+97, RT	10	PRIVATE ENTRANCE
234+17, RT	4	PRIVATE ENTRANCE
236+29, RT	2	BIKE PATH
241+16, RT	13	PRIVATE ENTRANCE
242+82, RT	13	PRIVATE ENTRANCE
243+97, RT	5	PRIVATE ENTRANCE
244+44, RT	4	PRIVATE ENTRANCE
247+14, RT	13	PRIVATE ENTRANCE
MOEN AVENUE STAGE 2 TOTAL	137	
STAGE 3		
215+25, LT	10	PRIVATE ENTRANCE
MOEN AVENUE STAGE 3 TOTAL	10	
STAGE 4		
219+25, LT	7	PRIVATE ENTRANCE
221+93, LT	3	PRIVATE ENTRANCE
228+41, LT	4	PRIVATE ENTRANCE
230+99, LT	5	PRIVATE ENTRANCE
232+08, LT	4	PRIVATE ENTRANCE
236+18, LT	2	BIKE PATH
238+16, LT	2	PRIVATE ENTRANCE
241+08, LT	3	PRIVATE ENTRANCE
241+61, LT	6	PRIVATE ENTRANCE
242+67, LT	4	PRIVATE ENTRANCE
243+12, LT	5	PRIVATE ENTRANCE
244+94, LT	7	PRIVATE ENTRANCE
247+21, LT	5	PRIVATE ENTRANCE
247+69, LT	6	PRIVATE ENTRANCE
248+65, LT	4	PRIVATE ENTRANCE
MOEN AVENUE STAGE 4 TOTAL	67	
MOUND ROAD		
STAGE 2		
101+69, RT	10	PRIVATE ENTRANCE
102+89, RT	10	PRIVATE ENTRANCE
105+50, RT	5	PRIVATE ENTRANCE
106+41, RT	9	PRIVATE ENTRANCE
MOUND ROAD DRIVEWAY	28	PRIVATE ENTRANCE
MOUND ROAD STAGE 2 TOTAL	62	
PROJECT TOTAL	276	

HMA SURFACE REMOVAL - BUTT JOINT		
STATION	SO YD	REMARKS
MOEN AVENUE		
217+31	18	
249+65	18	EASTERN CONSTRUCTION LIMITS
MOEN AVENUE		
100+77	12	WESTERN CONSTRUCTION LIMITS
PROJECT TOTAL	48	

NOTES

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REVISION	DATE	BY	REMARKS

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APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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1000 ESSINGTON ROAD, JOLETT, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 5 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	16
CONTRACT 61E00			WHA* 1189J16 ILLINOIS	

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13''		
STATION	SO YD	REMARKS
MOEN AVENUE/MOUND ROAD		
MAINLINE	9,457	STAGE 2
MAINLINE	8,113	STAGE 3
MAINLINE	3,507	STAGE 4
PROJECT TOTAL	21,077	
40701941		

PAVEMENT REMOVAL		
STATION	SO YD	REMARKS
MOEN AVENUE AND MOUND ROAD		
TEMPORARY PAVEMENT STAGE 3	1,704	
TEMPORARY PAVEMENT STAGE 6	57	
GOULD COURT	244	
BIKE PATHS	14	
PROJECT TOTAL	17,964	
44000100		

WELDED WIRE REINFORCEMENT		
STATION	SO YD	REMARKS
MOUND ROAD		
102+47, LT	1	OUTLET
PROJECT TOTAL	1	
44200050		

BITUMINOUS MATERIALS (PRIME COAT)		
STATION	POUND	REMARKS
MOEN AVENUE/MOUND ROAD		
ENTIRE PROJECT	59	BIKE PATHS - 0.25 LB/SF 1 APP ON AGG
ENTIRE PROJECT	5,019	DRIVEWAYS - 0.25 LB/SF 1 APP ON AGG
PROJECT TOTAL	5,078	
40800025		

DRIVEWAY PAVEMENT REMOVAL		
STATION	SO YD	REMARKS
MOEN AVENUE		
221+93, 222+48, 223+18, RT	476	
226+38, RT	48	
228+73, 229+44, RT	169	
230+99, 232+08, LT	240	
231+66, 232+97, RT	444	
234+17, RT	67	
237+21, 237+16, LT	254	
241+08, LT	55	
241+61, LT	75	
242+67, LT	45	
243+12, LT	65	
243+97, RT	71	
244+44, RT	54	
244+94, LT	140	
247+14, RT	121	
247+21, LT	60	
247+69, LT	56	
248+65, LT	36	
PROJECT TOTAL	2,476	
44000200		

AGGREGATE SHOULDERS, TYPE B 8''		
STATION	SO YD	REMARKS
MOEN AVENUE		
236+60 - 236+95, LT	30	
237+71 - 237+80, LT	3	
238+01 - 238+07, LT	2	
238+25 - 238+29, LT	2	
MOUND ROAD		
99+00 - 100+77, LT	77	TEMPORARY PAVEMENT LOCATION
100+77 - 101+47, RT	31	
100+77 - 102+23, LT	65	
101+91 - 102+23, RT	31	
103+12 - 105+36, RT	97	
105+64 - 106+06, RT	16	
PROJECT TOTAL	354	
48101600		

PROTECTIVE COAT		
STATION	SO YD	REMARKS
MOEN AVENUE		
B-6.18 C&C	2,960	
B-6.12 C&C	43	
226+37, RT	42	MAXIM DRIVE
237+20, LT	119	PRIVATE ENTRANCE
212+82	347	SLAB BRIDGE QUANTITIES
PROJECT TOTAL	3,511	
42001300		

HOT-MIX ASPHALT SHOULDERS, 6''		
STATION	SO YD	REMARKS
MOEN AVENUE		
210+88 - 212+72, RT	56	GUARDRAIL SHOULDER
213+23 - 216+81, RT	106	GUARDRAIL SHOULDER
MOUND ROAD		
105+96 - 106+06, RT	3	SHOULDER TO CC&G TRANSITION
PROJECT TOTAL	165	
48203021		

P.C.C. DRIVEWAY PAVEMENT, 8''		
STATION	SO YD	REMARKS
MOEN AVENUE		
226+37, RT	42	MAXIM DRIVE
237+20, LT	119	PRIVATE ENTRANCE
PROJECT TOTAL	161	
42000300		

COMBINATION CURB AND GUTTER REMOVAL		
STATION	FOOT	REMARKS
MOEN AVENUE		
218+31 - 218+66, RT	64	GOULD COURT - SOUTHWEST CORNER
218+96 - 219+31, RT	64	GOULD COURT - SOUTHEAST CORNER
226+02 - 226+19, RT	19	DRIVEWAY - SOUTHWEST CORNER
226+56 - 226+70, RT	15	DRIVEWAY - SOUTHEAST CORNER
241+27 - 241+43, LT	24	DRIVEWAY - NORTHWEST CORNER
241+79 - 242+54, LT	100	DRIVEWAYS - NE & NW CORNERS
242+79 - 242+90, LT	22	DRIVEWAY NORTHEAST CORNER
244+63 - 244+68, LT	12	DRIVEWAY - NORTHWEST CORNER
245+20 - 245+30, LT	17	DRIVEWAY NORTHEAST CORNER
246+94 - 246+97, RT	15	DRIVEWAY - SOUTHWEST CORNER
247+31 - 247+34, RT	14	DRIVEWAY - SOUTHEAST CORNER
247+44 - 247+54, LT	17	DRIVEWAY - NORTHWEST CORNER
247+86 - 249+65, LT	215	DRIVEWAYS AND EDGE OF PAVEMENT
247+94 - 249+65, RT	172	EDGE OF PAVEMENT
PROJECT TOTAL	770	
44000500		

DETECTABLE WARNINGS		
STATION	SO FT	REMARKS
MOEN AVENUE		
236+10 - 236+25, LT	30	BIKE PATH
236+22 - 236+36, RT	28	BIKE PATH
PROJECT TOTAL	58	
42400800		

NOTES

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REVISION	DATE	BY	REMARKS

DRAWN	JSH
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APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLETT, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 6 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	17
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

PIPE CULVERT REMOVAL		
STATION	FOOT	REMARKS
MOEN AVENUE		
201+94	61	18" PIPE CULVERT
206+05 - 206+45, RT	41	15" PIPE CULVERT
209+33 - 209+97, RT	56	15" PIPE CULVERT
212+64 - 213+04	58	36" PIPE CULVERT WITH HEADWALL
216+55 - 216+91	60	24" PIPE CULVERT
223+76	49	24" PIPE CULVERT
240+07	42	15" PIPE CULVERT
PROJECT TOTAL	367	

50105220

PRECAST REINFORCED CONCRETE F.E.S., 12"		
STATION	EACH	REMARKS
MOEN AVENUE		
241+23, LT	1	
PROJECT TOTAL	1	

54213657

PRECAST REINFORCED CONCRETE F.E.S., 15"		
STATION	EACH	REMARKS
MOEN AVENUE		
206+05, RT	1	
206+50, RT	1	
207+52, RT	1	
207+95, RT	1	
219+41, RT	1	
220+75, RT	1	
226+64, RT	1	
223+60, RT	1	
242+50, RT	1	
241+50, RT	1	
PROJECT TOTAL	10	

54213660

PRECAST REINFORCED CONCRETE F.E.S., 24"		
STATION	EACH	REMARKS
MOEN AVENUE		
201+93, LT	1	
216+46, RT	1	
PROJECT TOTAL	2	

54213669

PRECAST REINFORCED CONCRETE F.E.S., 30"		
STATION	EACH	REMARKS
MOEN AVENUE		
216+65, RT	1	
PROJECT TOTAL	1	

54213675

GRATING FOR CONCRETE F.E.S. 24"		
STATION	EACH	REMARKS
MOEN AVENUE		
201+93, LT	1	
216+46, RT	1	
PROJECT TOTAL	2	

54247130

GRATING FOR CONCRETE F.E.S. 30"		
STATION	EACH	REMARKS
MOEN AVENUE		
216+65, RT	1	
PROJECT TOTAL	1	

54247150

PIPE CULVERTS, CLASS C, TYPE 1 15" (TEMP)		
STATION	FOOT	REMARKS
MOEN AVENUE		
240+07, LT	13	EXISTING CULVERT EXTENSION
PROJECT TOTAL	13	

5421C015

PIPE CULVERTS, CLASS C, TYPE 1 24" (TEMP)		
STATION	FOOT	REMARKS
MOEN AVENUE		
216+79, LT	9	EXISTING CULVERT EXTENSION
233+45, LT	65	EXISTING CULVERT EXTENSION
245+82, LT	52	EXISTING CULVERT EXTENSION
PROJECT TOTAL	126	

5421C024

PIPE CULVERTS, CLASS C, TYPE 1 24"		
STATION	FOOT	REMARKS
MOEN AVENUE		
201+93	55	
PROJECT TOTAL	55	

542C0229

PIPE CULVERTS, CLASS D, TYPE 1 15"		
STATION	FOOT	REMARKS
MOEN AVENUE		
206+23, RT	34	DRIVEWAY CULVERT
207+73, RT	32	DRIVEWAY CULVERT
PROJECT TOTAL	66	

542D0220

STORM SEWER, CLASS A, TYPE 1 10"		
STATION	FOOT	REMARKS
MOEN AVENUE		
210+25 - 211+00, RT	66	
211+00 - 212+00, RT	89	
PROJECT TOTAL	155	

550A0040

STORM SEWER, CLASS A, TYPE 1 12"		
STATION	FOOT	REMARKS
MOEN AVENUE		
223+50, LT	2	
240+90 - 241+20, LT	21	
241+96 - 242+09, LT	13	
PROJECT TOTAL	36	

550A0050

NOTES

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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 7 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	18
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

STORM SEWER, CLASS A, TYPE 1 15"		
STATION	FOOT	REMARKS
MOEN AVENUE		
212+00 - 212+25, RT	18	
218+00 - 218+15	11	
222+50 - 223+75, LT	117	
226+66 - 230+00, RT	343	
241+96 - 242+20, LT	19	
242+50 - 243+25, RT	68	
PROJECT TOTAL	576	

STORM SEWER, CLASS A, TYPE 1 24"		
STATION	FOOT	REMARKS
MOEN AVENUE		
216+46	41	
PROJECT TOTAL	41	

STORM SEWER, CLASS A, TYPE 1 30"		
STATION	FOOT	REMARKS
MOEN AVENUE		
218+73 - 219+77, LT	98	
218+15 - 218+73, LT	52	
218+15	53	
223+75	47	CROSSES MOEN AVENUE
223+75 - 225+50, LT	169	
PROJECT TOTAL	419	

STORM SEWER, CLASS A, TYPE 2 12"		
STATION	FOOT	REMARKS
MOEN AVENUE		
216+25 - 216+46, LT	20	
PROJECT TOTAL	20	

STORM SEWERS, CLASS A, TYPE 1 EQUIV. ROUND SIZE 18"		
STATION	FOOT	REMARKS
MOEN AVENUE		
240+10 - 240+90, LT	77	
240+10 - 240+90, LT	77	
240+90, 241+96, LT	100	
PROJECT TOTAL	254	

STORM SEWER REMOVAL 6"		
STATION	FOOT	REMARKS
MOEN AVENUE		
241+41 - 242+88, LT	42	
PROJECT TOTAL	42	

STORM SEWER REMOVAL 15"		
STATION	FOOT	REMARKS
MOEN AVENUE		
241+41 - 242+88, LT	148	
245+91 - 247+56, RT	171	
247+41 - 247+56	41	CROSSES MOEN AVENUE
PROJECT TOTAL	360	

DUCTILE IRON WATER MAIN 8"		
STATION	FOOT	REMARKS
MOEN AVENUE		
236+50 - 241+12	522	
241+12 - 242+40	187	
245+50 - 246+92, LT	147	
PROJECT TOTAL	856	

DUCTILE IRON WATER MAIN 10"		
STATION	FOOT	REMARKS
MOEN AVENUE		
216+70	81	
PROJECT TOTAL	81	

WATER VALVE 8"		
STATION	EACH	REMARKS
MOEN AVENUE		
236+50, LT	1	
242+40, LT	1	
242+42, RT	1	
PROJECT TOTAL	3	

WATER VALVE 10"		
STATION	EACH	REMARKS
MOEN AVENUE		
216+72, RT	1	
216+74, RT	1	
216+80, RT	1	
PROJECT TOTAL	3	

ADJUSTING WATER VALVES 8"		
STATION	EACH	REMARKS
MOEN AVENUE		
247+70, LT	1	
PROJECT TOTAL	1	

TAPPING VALVE AND SLEEVES 12"		
STATION	EACH	REMARKS
MOEN AVENUE		
241+11, RT	1	
241+13, RT	1	
PROJECT TOTAL	2	

WATER SERVICE LINE 1"		
STATION	FOOT	REMARKS
MOEN AVENUE		
241+77	68	
PROJECT TOTAL	68	

NOTES

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DRAWN	JSH
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APPROVED	GFS

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79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 8 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	19
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

WATER SERVICE LINE 2"		
STATION	FOOT	REMARKS
MOEN AVENUE		
237+65	62	
PROJECT TOTAL	62	
56200700		

CONCRETE HEADWALLS FOR PIPE DRAINS		
STATION	EACH	REMARKS
MOEN AVENUE		
212+30, RT	1	
213+50, RT	1	
215+00, RT	1	
216+50, RT	1	
219+45, RT	1	
241+96, RT	1	
PROJECT TOTAL	6	
60100060		

CATCH BASINS, TYPE C, TYPE 8 GRATE		
STATION	EACH	REMARKS
MOEN AVENUE		
216+25, LT	1	
223+50, LT	1	
234+38, RT	1	
242+09, LT	1	
PROJECT TOTAL	4	
60207605		

CORPORATION STOPS 1"		
STATION	EACH	REMARKS
MOEN AVENUE		
237+66, RT	1	
PROJECT TOTAL	1	
56201400		

GEOTECHNICAL FABRIC FOR FRENCH DRAINS		
STATION	SO YD	REMARKS
MOEN AVENUE		
210+25	6	UNDERDRAIN
212+30	7	UNDERDRAIN
213+50	6	UNDERDRAIN
215+00	7	UNDERDRAIN
216+50	8	UNDERDRAIN
218+00	8	UNDERDRAIN
219+45	8	UNDERDRAIN
222+50	7	UNDERDRAIN
225+50	7	UNDERDRAIN
226+94	7	UNDERDRAIN
230+00	7	UNDERDRAIN
234+38, LT	8	UNDERDRAIN
241+96, LT	4	UNDERDRAIN
241+96, RT	5	UNDERDRAIN
PROJECT TOTAL	95	
60100085		

MANHOLES, TYPE A, 4'-DIA., TYPE 1 FRAME, CLOSED LID		
STATION	EACH	REMARKS
MOEN AVENUE		
212+00, RT	1	
223+50, LT	1	
237+69, LT	1	SANITARY
237+91, LT	1	SANITARY
PROJECT TOTAL	4	
60218400		

CORPORATION STOPS 2"		
STATION	EACH	REMARKS
MOEN AVENUE		
237+66, RT	1	
PROJECT TOTAL	1	
56201800		

MANHOLES, TYPE A, 6'-DIA., TYPE 1 FRAME, CLOSED LID		
STATION	EACH	REMARKS
MOEN AVENUE		
218+15, LT	1	
218+15, RT	1	
223+75, LT	1	
PROJECT TOTAL	3	
60223800		

FIRE HYDRANTS TO BE REMOVED		
STATION	EACH	REMARKS
MOEN AVENUE		
246+43, LT	1	
242+32, LT	1	
PROJECT TOTAL	2	
56400500		

PIPE UNDERDRAINS, TYPE 2, 4"		
STATION	FOOT	REMARKS
MOEN AVENUE		
210+25	38	UNDERDRAIN
212+30	40	UNDERDRAIN
213+50	39	UNDERDRAIN
215+00	41	UNDERDRAIN
216+50	48	UNDERDRAIN
218+00	47	UNDERDRAIN
219+45	51	UNDERDRAIN
222+50	42	UNDERDRAIN
225+50	42	UNDERDRAIN
226+94	42	UNDERDRAIN
230+00	42	UNDERDRAIN
234+38, LT	48	UNDERDRAIN
241+96, LT	25	UNDERDRAIN
241+96, RT	27	UNDERDRAIN
PROJECT TOTAL	572	
60108204		

MANHOLES, TYPE A, 7'-DIA., TYPE 1 FRAME, CLOSED LID		
STATION	EACH	REMARKS
MOEN AVENUE		
240+90, LT	1	
PROJECT TOTAL	1	
60224446		

FIRE HYDRANT WITH AUX. VALVE & VALVE BOX		
STATION	EACH	REMARKS
MOEN AVENUE		
236+50, LT	1	
242+40, RT	1	
PROJECT TOTAL	2	
56400820		

NOTES

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FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-sch9.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 9 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	20
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

INLETS, TYPE B, TYPE 3 FRAME AND GRATE		
STATION	EACH	REMARKS
MOEN AVENUE		
211+00, RT	1	
216+46, LT	1	
216+78, LT	1	
PROJECT TOTAL	3	
60240220		

INLETS, TYPE B, TYPE 8 GRATE		
STATION	EACH	REMARKS
MOEN AVENUE		
218+00, LT	1	
226+66, RT	1	
226+84, RT	1	
241+50, RT	1	
PROJECT TOTAL	4	
60240301		

MANHOLES TO BE ADJUSTED		
STATION	EACH	REMARKS
MOEN AVENUE		
226+90, RT	1	
227+15, RT	1	
233+15, RT	1	
242+32, LT	1	
MOUND ROAD		
104+77, RT	1	
PROJECT TOTAL	5	
60255500		

REMOVING MANHOLES		
STATION	EACH	REMARKS
MOEN AVENUE		
237+69, LT	1	
237+91, LT	1	
242+09, LT	1	
246+41, RT	1	
247+49, RT	1	
PROJECT TOTAL	5	
60500040		

REMOVING INLETS		
STATION	EACH	REMARKS
MOEN AVENUE		
218+63, RT	1	
241+41, LT	1	
242+89, LT	1	
247+41, LT	1	
247+56, RT	1	
PROJECT TOTAL	5	
60500060		

CLASS SI CONCRETE (OUTLET)		
STATION	CU YD	REMARKS
MOUND ROAD		
102+47, LT	2.0	OUTLET
PROJECT TOTAL	2.0	
60600095		

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12		
STATION	FOOT	REMARKS
MOEN AVENUE		
226+37, RT	22.5	DRIVEWAY
241+61, LT	21.0	DRIVEWAY
242+67, LT	17.5	DRIVEWAY
244+94, LT	19.0	DRIVEWAY
247+14, RT	57.5	DRIVEWAY
247+69, RT	24.0	DRIVEWAY
248+65, LT	21.5	DRIVEWAY
PROJECT TOTAL	183.0	
60603800		

CORRUGATED MEDIAN		
STATION	SQ FT	REMARKS
MOEN AVENUE		
219+25, LT	32	PRIVATE DRIVEWAY, STAGE 4
229+44, RT	36	PRIVATE DRIVEWAY, STAGE 2
232+97, RT	72	PRIVATE DRIVEWAY, STAGE 2
244+94, LT	44	PRIVATE DRIVEWAY, STAGE 4
PROJECT TOTAL	184	
60624600		

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18		
STATION	FOOT	REMARKS
MOEN AVENUE		
200+04 - 201+00, RT	97.0	
200+26 - 201+00, LT	81.5	
201+01 - 202+69, LT	170.5	
201+01 - 202+69, RT	171.0	
202+69 - 202+99, RT	32.0	
202+69 - 202+99, LT	32.0	
203+00 - 203+29, LT	31.0	
203+00 - 203+29, RT	31.0	
203+30 - 205+51, RT	222.5	
203+30 - 205+51, LT	222.5	
205+52 - 212+44, LT	704.5	
212+94 - 218+00, LT	518.5	
205+52 - 209+04, RT	356.5	
209+05 - 209+24, RT	20.5	
209+25 - 211+50, RT	211.0	
211+51 - 212+72, RT	100.5	
212+24 - 214+64, RT	127.5	
214+65 - 215+49, RT	83.5	
215+50 - 216+14, RT	64.0	
216+15 - 216+46, RT	34.0	
216+47 - 216+78, RT	33.0	
216+79 - 218+00, RT	124.0	
218+01 - 218+55, RT	62.5	SW CORNER OF MOEN AVE/GOULD CT
218+55 - 218+66, RT	31.5	SW CORNER OF MOEN AVE/GOULD CT
218+01 - 219+00, LT	101.0	
218+96 - 219+05, RT	31.0	SE CORNER OF MOEN AVE/GOULD CT
219+06 - 219+50, RT	51.0	SE CORNER OF MOEN AVE/GOULD CT
219+01 - 220+50, LT	151.5	
219+51 - 225+80, RT	631.5	
220+51 - 234+04, LT	1,355.5	
225+80 - 231+35, RT	557.0	
226+10 - 226+13, RT	6.0	SW CORNER OF MOEN AVE/MAXIM DR
226+53 - 231+35, RT	6.0	SE CORNER OF MOEN AVE/MAXIM DR
231+36 - 233+90, RT	256.5	
233+91 - 234+44, RT	55.5	
234+05 - 234+23, LT	21.0	
234+24 - 234+44, LT	22.0	
234+45 - 241+27, LT	686.0	
234+45 - 237+56, RT	313.5	
237+57 - 237+76, RT	21.5	
237+77 - 237+96, RT	21.5	
237+97 - 241+72, RT	377.5	
241+29 - 248+35, LT	708.0	
241+73 - 241+95, RT	25.5	
241+96 - 242+20, RT	25.5	
242+21 - 246+50, RT	431.5	
246+51 - 246+70, RT	21.5	
246+71 - 249+50, RT	281.5	
248+36 - 249+65, LT	131.0	
249+51 - 249+65, RT	16.0	
MOUND ROAD		
102+47 - 103+75, LT	129.0	
103+76 - 106+17, LT	246.0	
106+06 - 106+79, RT	79.0	
PROJECT TOTAL	10,322.5	
60604400		

NOTES

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APPROVED	GFS

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DEPARTMENT OF TRANSPORTATION



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79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 10 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	21
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

STEEL PLATE BEAM GUARDRAIL, TYPE B, 9-FOOT POSTS		
STATION	FOOT	REMARKS
MOEN AVENUE		
211+79 - 212+33, RT	50	STAGE 2
211+82 - 216+28, RT	263	STAGE 2
PROJECT TOTAL	313	
6300009		

TRAFFIC BARRIER TERMINAL, TYPE 6		
STATION	EACH	REMARKS
MOEN AVENUE		
212+33 - 212+74, RT	1	STAGE 2
213+22 - 213+61, RT	1	STAGE 2
PROJECT TOTAL	2	
63100085		

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT		
STATION	EACH	REMARKS
MOEN AVENUE		
211+28 - 211+79, RT	1	STAGE 2
216+25 - 216+78, RT	1	STAGE 2
PROJECT TOTAL	2	
63100167		

GUARDRAIL REMOVAL		
STATION	FOOT	REMARKS
MOEN AVENUE		
233+43, RT	8	
PROJECT TOTAL	8	
63200310		

SHORT TERM PAVEMENT MARKING		
STATION	FOOT	REMARKS
MOEN AVENUE		
FINAL STAGE		
200+64 - 218+31	161	4" YLW STRIPES (4' STRIPS, 40' SPACING)
217+31 - 218+31, RT	10	4" WTE STRIPES (4' STRIPS, 40' SPACING)
219+22 - 220+22, LT	10	4" WTE STRIPES (4' STRIPS, 40' SPACING)
219+22 - 220+22 RT	10	4" YLW STRIPES (4' STRIPS, 40' SPACING)
220+22 - 221+57	13	4" YLW STRIPES (4' STRIPS, 40' SPACING)
220+22 - 249+83	268	4" YLW STRIPES (4' STRIPS, 40' SPACING)
219+22 - 249+83	256	4" YLW STRIPES (4' STRIPS, 40' SPACING)
250+42 - 251+13	7	4" YLW STRIPES (4' STRIPS, 40' SPACING)
250+62 - 253+37, LT	25	4" YLW STRIPES (4' STRIPS, 40' SPACING)
251+13 - 253+37, RT	21	4" WTE STRIPES (4' STRIPS, 40' SPACING)
MOUND ROAD		
FINAL STAGE		
100+77 - 106+09	49	4" YLW STRIPES (4' STRIPS, 40' SPACING)
PROJECT TOTAL	830	
70300100		

SHORT TERM PAVEMENT MARKING REMOVAL		
STATION	SO FT	REMARKS
MOEN AVENUE		
FINAL STAGE		
200+64 - 218+31	54	4" YLW STRIPES (4' STRIPS, 40' SPACING)
217+31 - 218+31, RT	4	4" WTE STRIPES (4' STRIPS, 40' SPACING)
219+22 - 220+22, LT	4	4" WTE STRIPES (4' STRIPS, 40' SPACING)
219+22 - 220+22 RT	4	4" YLW STRIPES (4' STRIPS, 40' SPACING)
220+22 - 221+57	5	4" YLW STRIPES (4' STRIPS, 40' SPACING)
220+22 - 249+83	90	4" YLW STRIPES (4' STRIPS, 40' SPACING)
219+22 - 249+83	86	4" YLW STRIPES (4' STRIPS, 40' SPACING)
250+42 - 251+13	3	4" YLW STRIPES (4' STRIPS, 40' SPACING)
250+62 - 253+37, LT	9	4" YLW STRIPES (4' STRIPS, 40' SPACING)
251+13 - 253+37, RT	7	4" WTE STRIPES (4' STRIPS, 40' SPACING)
MOUND ROAD		
FINAL STAGE		
100+77 - 106+09	17	4" YLW STRIPES (4' STRIPS, 40' SPACING)
PROJECT TOTAL	283	
70300100		

TEMPORARY PAVEMENT MARKING - LINE 24"		
STATION	FOOT	REMARKS
MOEN AVENUE		
200+64, LT	16	STAGE 4
MOUND ROAD		
106+09, RT	14	STAGE 4
PROJECT TOTAL	30	
70300280		

TEMPORARY PAVEMENT MARKING - LINE 4"		
STATION	FOOT	REMARKS
MOEN AVENUE		
STAGE 1		
200+22 - 210+47, LT	1,034	SOLID WHITE EDGE TAPER
200+85 - 246+01	9,057	SOLID DOUBLE YELLOW CENTERLINE
211+44 - 211+65	126	SOLID WHITE EDGE TAPER
246+01 - 249+88	1,537	SOLID DOUBLE YELLOW MEDIAN
211+44 - 249+65, LT	3,832	SOLID WHITE EDGE TAPER
STAGE 1 TOTAL	15,586	
STAGE 2		
200+49 - 218+32, LT	1,813	SOLID YELLOW EDGE TAPER
218+50 - 221+71, LT	319	SOLID WHITE EDGE TAPER
200+50 - 221+75	2,132	SOLID WHITE EDGE TAPER
218+95 - 249+65, LT	522	SOLID DOUBLE YELLOW CENTERLINE
STAGE 2 TOTAL	4,786	
STAGE 3		
200+50 - 218+25, RT	1,773	SOLID YELLOW EDGE TAPER
218+97 - 221+75	577	SOLID DOUBLE YELLOW MEDIAN
215+95 - 218+25, RT	231	SOLID WHITE EDGE TAPER
STAGE 3 TOTAL	2,581	
STAGE 4		
200+64 - 251+16	9,944	SOLID DOUBLE YELLOW CENTERLINE
215+12 - 249+65, RT	3,452	SOLID WHITE EDGE TAPER
217+31 - 249+65, LT	3,234	SOLID WHITE EDGE TAPER
STAGE 4 TOTAL	16,630	
STAGE 5		
215+42 - 249+65, RT	3,425	SOLID YELLOW EDGE TAPER
215+42 - 249+65, LT	3,424	SOLID YELLOW EDGE TAPER
STAGE 5 TOTAL	6,849	
STAGE 6		
215+56 - 249+65, RT	3,650	SOLID DOUBLE YELLOW CENTERLINE
216+31 - 252+81, LT	6,819	SOLID WHITE EDGE TAPER
250+51 - 253+38	574	SOLID YELLOW MEDIAN
STAGE 6 TOTAL	11,043	
MOUND ROAD		
STAGE 1		
99+17 - 105+75	1,318	SOLID DOUBLE YELLOW CENTERLINE
99+17 - 106+30, LT	718	SOLID WHITE EDGE LINE
STAGE 1 TOTAL	2,036	
STAGE 2		
99+20 - 106+58, LT	730	SOLID YELLOW EDGE LINE
97+85 - 106+34, LT	939	SOLID WHITE EDGE LINE
STAGE 2 TOTAL	1,669	
STAGE 3		
98+17 - 106+62, LT	868	SOLID YELLOW EDGE LINE
STAGE 3 TOTAL	868	
STAGE 4		
100+77 - 106+09	1,064	SOLID DOUBLE YELLOW CENTERLINE
STAGE 4 TOTAL	1,064	
PROJECT TOTAL	63,112	
70300220		

NOTES

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79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 11 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	22
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

TEMPORARY CONCRETE BARRIER		
STATION	FOOT	REMARKS
MOEN AVENUE/MOUND ROAD		
212+06 - 213+55, LT	150.0	STAGE 2
233+96 - 234+96, LT	100.0	STAGE 2
239+63 - 240+51, LT	87.5	STAGE 2
245+40 - 246+27, LT	87.5	STAGE 2
233+96 - 234+96, RT	100.0	STAGE 3
239+63 - 240+51, RT	87.5	STAGE 3
245+40 - 246+27, RT	87.5	STAGE 3
PROJECT TOTAL	700.0	

70400100

RELOCATE TEMPORARY CONCRETE BARRIER		
STATION	FOOT	REMARKS
MOEN AVENUE/MOUND ROAD		
212+06 - 213+55, LT	150.0	STAGE 3
233+96 - 234+96, LT	100.0	STAGE 3
239+63 - 240+51, LT	87.5	STAGE 3
245+40 - 246+27, LT	87.5	STAGE 3
233+96 - 234+96, RT	100.0	STAGE 4
239+63 - 240+51, RT	87.5	STAGE 4
245+40 - 246+27, RT	87.5	STAGE 4
PROJECT TOTAL	700.0	

70400200

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2		
STATION	EACH	REMARKS
MOEN AVENUE/MOUND ROAD		
212+06 - 213+55, LT	2	STAGE 2
233+96 - 234+96, LT	2	STAGE 2
239+63 - 240+51, LT	2	STAGE 2
245+40 - 246+27, LT	2	STAGE 2
233+96 - 234+96, RT	2	STAGE 3
239+63 - 240+51, RT	2	STAGE 3
245+40 - 246+27, RT	2	STAGE 3
PROJECT TOTAL	14	

70400100

IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2		
STATION	EACH	REMARKS
MOEN AVENUE/MOUND ROAD		
212+06 - 213+55, LT	2	STAGE 3
233+96 - 234+96, LT	2	STAGE 3
239+63 - 240+51, LT	2	STAGE 3
245+40 - 246+27, LT	2	STAGE 3
233+96 - 234+96, RT	2	STAGE 4
239+63 - 240+51, RT	2	STAGE 4
245+40 - 246+27, RT	2	STAGE 4
PROJECT TOTAL	14	

70400200

SIGN PANEL - TYPE 1		
STATION	SO FT	REMARKS
MOEN AVENUE		
200+64, LT	6.25	R1-1, STOP
200+64, LT	0.75	R1-3P, ALL WAY
201+29, RT	5.00	R2-1, SPEED LIMIT
201+70, RT	3.00	OM3-R, OBJECT MARKER
208+00, RT	6.25	W1-1R, CURVE
209+00, RT	6.25	W1-1aR, CURVE AND SPEED
209+11, LT	3.00	W1-8L, CHEVERON
209+85, LT	3.00	W1-8R, CHEVERON
209+85, LT	3.00	W1-8L, CHEVERON
210+20, LT	8.00	W1-6R, ARROW
210+58, LT	3.00	W1-8R, CHEVERON
210+58, LT	3.00	W1-8L, CHEVERON
211+32, LT	3.00	W1-8R, CHEVERON
211+32, LT	3.00	W1-8L, CHEVERON
211+81, LT	8.00	W1-6L, ARROW
212+05, LT	3.00	W1-8R, CHEVERON
212+05, LT	3.00	W1-8L, CHEVERON
212+90, LT	3.00	W1-8R, CHEVERON
212+95, LT	2.50	OM3-R, OBJECT MARKER
213+60, RT	6.25	W1-1-1R, CURVE
213+95, LT	6.25	W1-1L, CURVE
214+60, RT	6.25	W1-1aR, CURVE AND SPEED
215+95, LT	6.25	W1-2aL, CURVE AND SPEED
216+95, LT	6.25	W1-2L, CURVE
218+05, LT	5.00	R2-1, SPEED LIMIT
219+02, RT	6.25	R1-1, STOP
220+00, RT	5.00	R2-1, SPEED LIMIT
221+57, RT	6.00	R3-9b, TWO WAY LEFT CENTER LANE
223+65, RT	3.00	OM3-R, OBJECT MARKER
225+00, LT	6.00	R3-9b, TWO WAY LEFT CENTER LANE
226+60, RT	6.25	R1-1, STOP - FROM 226+68, RT
227+20, RT	5.00	R2-1, SPEED LIMIT
228+30, RT	6.00	R3-9b, TWO WAY LEFT CENTER LANE
233+30, RT	3.00	OM3-R, OBJECT MARKER
233+60, LT	3.00	OM3-R, OBJECT MARKER
239+95, RT	3.00	OM3-R, OBJECT MARKER
240+20, LT	3.00	OM3-R, OBJECT MARKER
249+00, LT	5.00	R2-1, SPEED LIMIT
250+00, LT	6.00	R3-9b, TWO WAY LEFT CENTER LANE
MOUND ROAD		
105+00, LT	5.00	R2-1, SPEED LIMIT
106+09, RT	6.25	R1-1, STOP
106+09, RT	0.75	R1-3P, ALL WAY
PROJECT TOTAL	191	

72000100

REMOVE SIGN PANEL ASSEMBLY - TYPE A		
STATION	EACH	REMARKS
MOEN AVENUE		
201+03, LT	1	TRUCK ENTRANCE
203+16, RT	1	SPEED LIMIT
208+40, RT	1	CURVE
209+10, LT	1	NO DUMPING
213+86, LT	1	CURVE
219+03, RT	1	STOP
220+09, RT	1	SPEED LIMIT
226+68, RT	1	STOP
234+55, RT	1	NO PARKING
235+87, LT	1	NO PARKING
237+03, RT	1	NO PARKING
238+59, LT	1	NO PARKING
240+83, RT	1	PEDESTRIAN CROSSING
243+47, RT	1	NO PARKING
244+31, LT	1	PEDESTRIAN CROSSING
245+67, RT	1	BLANK SIGN
245+91, LT	1	ARROW
246+20, LT	1	ARROW
246+48, LT	1	ARROW
246+77, LT	1	ARROW
248+08, LT	1	ROAD NARROWS
249+80, LT	1	SPEED LIMIT
MOUND ROAD		
101+46, RT	1	NO TRESSPASSING
PROJECT TOTAL	23	

72400100

RELOCATE SIGN PANEL - TYPE 1		
STATION	EACH	REMARKS
MOEN AVENUE		
218+45, RT	2	STREET SIGNS - FROM 218+44, RT
226+05, RT	2	STREET SIGNS - FROM 226+04, RT
234+50, RT	1	BIKE CROSSING - FROM 234+47, RT
234+50, RT	1	AHEAD - FROM 234+47, RT
236+05, LT	1	STOP - FROM 236+09, LT
236+19, RT	1	BIKE CROSSING - FROM 236+08, RT
236+19, RT	1	ARROW - FROM 236+08, RT
236+29, LT	1	BIKE CROSSING - FROM 236+43, LT
236+29, LT	1	ARROW - FROM 236+43, LT
236+41, RT	1	STOP - FROM 236+40, RT
238+55, LT	1	BIKE CROSSING - FROM 238+71, LT
238+55, LT	1	AHEAD - FROM 238+71, LT
PROJECT TOTAL	14	

72400710

TERMINAL MARKER - DIRECT APPLIED		
STATION	EACH	REMARKS
MOEN AVENUE		
211+28, RT	1	STAGE 2
216+79, RT	1	STAGE 2
PROJECT TOTAL	2	

72501000

NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SO YD/IN.

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-sch12.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 12 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	23
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

METAL POST - TYPE A		
STATION	FOOT	REMARKS
MOEN AVENUE		
201+70, RT	11.5	OM3-R
209+11, LT	12.5	W1-8L
209+85, LT	12.5	W1-8R / W1-8L
210+20, LT	25.0	W1-6R, DOUBLE POST
210+58, LT	12.5	W1-8R / W1-8L
211+32, LT	12.5	W1-8R / W1-8L
211+81, LT	25.0	W1-6L, DOUBLE POST
212+05, LT	12.5	W1-8R / W1-8L
212+95, LT	12.5	W1-8R / OM3-R
216+95, LT	12.0	W1-2L
218+45, RT	11.0	D3-1
223+65, RT	11.5	OM3-R
226+05, RT	11.0	D3-1
233+30, RT	11.5	OM3-R
233+60, LT	11.5	OM3-R
239+95, RT	11.5	OM3-R
240+20, LT	11.5	OM3-R
236+05, LT	12.0	R1-1
236+41, RT	12.0	R1-1
MOUND ROAD		
PROJECT TOTAL	252	
72900100		

METAL POST - TYPE B		
STATION	FOOT	REMARKS
MOEN AVENUE		
200+64, LT	12.0	R1-1 / R1-3P
201+29, RT	13.5	R2-1
208+00, RT	13.5	W1-1R
209+00, RT	13.5	W1-1gR
213+60, RT	13.5	W1-1R
213+95, LT	13.5	W1-1L
214+60, RT	13.5	W1-1gR
215+95, LT	13.5	W1-2gL
218+05, LT	13.5	R2-1
219+02, RT	13.5	R1-1
220+00, RT	13.5	R2-1
221+57, RT	14.0	R3-9b
225+00, LT	14.0	R3-9b
227+20, RT	13.5	R2-1
226+60, RT	13.5	R1-1
228+30, RT	14.0	R3-9b
234+50, RT	13.5	W11-1 / W16-9P
236+19, RT	13.5	W11-1 / W16-7P
236+29, LT	13.5	W11-1 / W16-7P
238+55, LT	13.5	W11-1 / W16-9P
249+00, LT	13.5	R2-1
250+00, LT	14.0	R3-9b
MOUND ROAD		
105+00, LT	13.5	R2-1
106+09, RT	12.0	R1-1 / R1-3P
PROJECT TOTAL	323	
72900200		

THERMOPLASTIC PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS		
STATION	SO FT	REMARKS
MOEN AVENUE		
217+42	20.8	WORD "ONLY"
217+67	15.6	LEFT TURN ARROW
219+84	15.6	LEFT TURN ARROW
220+09	20.8	WORD "ONLY"
222+14	15.6	LEFT TURN ARROW
222+27	15.6	LEFT TURN ARROW
225+14	15.6	LEFT TURN ARROW
225+27	15.6	LEFT TURN ARROW
228+14	15.6	LEFT TURN ARROW
228+27	15.6	LEFT TURN ARROW
231+14	15.6	LEFT TURN ARROW
231+27	15.6	LEFT TURN ARROW
234+14	15.6	LEFT TURN ARROW
234+27	15.6	LEFT TURN ARROW
237+14	15.6	LEFT TURN ARROW
237+27	15.6	LEFT TURN ARROW
240+14	15.6	LEFT TURN ARROW
240+27	15.6	LEFT TURN ARROW
243+14	15.6	LEFT TURN ARROW
243+27	15.6	LEFT TURN ARROW
246+14	15.6	LEFT TURN ARROW
246+27	15.6	LEFT TURN ARROW
249+14	15.6	LEFT TURN ARROW
249+27	15.6	LEFT TURN ARROW
PROJECT TOTAL	385	
78000100		

THERMOPLASTIC PAINT PAVEMENT MARKING - LINE 4"		
STATION	FOOT	REMARKS
MOEN AVENUE		
200+58 - 212+42	2,853	DBL YELLOW CENTERLINE AND MEDIAN
213+23 - 218+31	1,642	DBL YELLOW CENTERLINE AND MEDIAN
200+25 - 212+33, LT	1,235	SOLID WHITE EDGE LINE
213+13 - 249+65, LT	3,655	SOLID WHITE EDGE LINE
200+04 - 212+55, RT	1,231	SOLID WHITE EDGE LINE
213+37 - 218+67, RT	554	SOLID WHITE EDGE LINE
218+94 - 249+65, RT	3,098	SOLID WHITE EDGE LINE
219+22 - 221+57	632	DOUBLE YELLOW MEDIAN
221+57 - 249+65	5,591	SOLID YELLOW FOR TWLTL
221+57 - 249+65	1,398	SKIP DASH YELLOW FOR TWLTL
MOUND ROAD		
100+77 - 106+18, LT	544	SOLID WHITE EDGE LINE
100+77 - 106+77, RT	605	SOLID WHITE EDGE LINE
100+77 - 106+09	1,064	DOUBLE YELLOW CENTERLINE
PROJECT TOTAL	24,102	
78000200		

THERMOPLASTIC PAINT PAVEMENT MARKING - LINE 6"		
STATION	FOOT	REMARKS
MOEN AVENUE		
219+22 - 220+22, LT	25	SKIP DASH WHITE
220+22 - 221+57, LT	135	SOLID WHITE
236+13 - 236+22	37	SOLID WHITE - BIKE PATH
236+26 - 236+34	37	SOLID WHITE - BIKE PATH
PROJECT TOTAL	234	
78000400		

THERMOPLASTIC PAINT PAVEMENT MARKING - LINE 12"		
STATION	FOOT	REMARKS
MOEN AVENUE		
200+58 - 202+95, RT	70	SOLID YELLOW DIAGONALS
216+07 - 218+57	108	SOLID YELLOW DIAGONALS
220+33 - 221+57	40	SOLID YELLOW DIAGONALS
236+13 - 236+34	136	SOLID WHITE DIAGONALS - BIKE PATH
PROJECT TOTAL	354	
78001150		

THERMOPLASTIC PAINT PAVEMENT MARKING - LINE 24"		
STATION	FOOT	REMARKS
MOEN AVENUE		
200+64, LT	16	SOLID WHITE STOP BAR
218+88, RT	15	SOLID WHITE GOULD COURT STOP BAR
236+14, LT	8	SOLID WHITE BIKE PATH STOP BAR
236+33, RT	8	SOLID WHITE BIKE PATH STOP BAR
MOUND ROAD		
106+09, RT	14	SOLID WHITE STOP BAR
106+45, RT	15	SOLID WHITE DRIVEWAY STOP BAR
107+34, LT	14	SOLID WHITE DRIVEWAY STOP BAR
PROJECT TOTAL	90	
78001180		

NOTES

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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 13 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	24
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

POLYUREA PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS		
STATION	SO FT	REMARKS
MOEN AVENUE		
251+24	20.8	SOLID WHITE WORD "ONLY"
251+49	15.6	SOLID WHITE LEFT TURN ARROW
252+99	20.8	SOLID WHITE WORD "ONLY"
253+24	15.6	SOLID WHITE LEFT TURN ARROW
PROJECT TOTAL	73	
78008200		

POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"		
STATION	FOOT	REMARKS
MOEN AVENUE		
212+42 - 213+23	162	DOUBLE YELLOW CENTERLINE
212+33 - 213+13, LT	81	DOUBLE YELLOW CENTERLINE
212+55 - 213+37, RT	82	DOUBLE YELLOW CENTERLINE
250+39 - 253+37	747	DOUBLE YELLOW CENTERLINE
PROJECT TOTAL	1,072	
78008210		

POLYUREA PAVEMENT MARKING TYPE 1 - LINE 6"		
STATION	FOOT	REMARKS
MOEN AVENUE		
250+63 - 251+13, RT	13	SKIP DASH WHITE
251+13 - 253+37, RT	225	SOLID WHITE
PROJECT TOTAL	238	
78008230		

POLYUREA PAVEMENT MARKING TYPE 1 - LINE 12"		
STATION	FOOT	REMARKS
MOEN AVENUE		
250+39 - 251+09	46	SOLID YELLOW DIAGONALS
PROJECT TOTAL	46	
78008250		

POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"		
STATION	FOOT	REMARKS
MOEN AVENUE		
253+37	36	SOLID WHITE STOP BAR
PROJECT TOTAL	36	
78008270		

RAISED REFLECTIVE PAVEMENT MARKER		
STATION	EACH	REMARKS
MOEN AVENUE		
200+58 - 202+00	11	ONE-WAY CRYSTAL MARKER
202+00 - 216+75	66	TWO-WAY AMBER MARKER
216+75 - 218+60	13	ONE-WAY CRYSTAL MARKER
219+22 - 220+22, LT	3	ONE-WAY CRYSTAL MARKER
219+22 - 220+22, RT	6	TWO-WAY AMBER MARKER
220+22 - 221+57, RT	3	ONE-WAY CRYSTAL MARKER
220+22 - 221+57, LT	1	TWO-WAY AMBER MARKER
221+57 - 249+65	142	TWO-WAY AMBER MARKER
MOUND ROAD		
100+77 - 106+09	14	TWO-WAY AMBER MARKER
PROJECT TOTAL	259	
78100100		

GUARDRAIL MARKERS, TYPE A		
STATION	EACH	REMARKS
MOEN AVENUE		
211+82 - 216+29, RT	11	
PROJECT TOTAL	11	
78200005		

MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION		
STATION	EACH	REMARKS
MOEN AVENUE		
AT IL ROUTE 7 (LARKIN AVENUE)	1	
PROJECT TOTAL	1	
85000200		

TREE, BETULA NIGRA (RIVER BIRCH), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED		
STATION	EACH	REMARKS
MOEN AVENUE		
202+00 - 204+00, LT	4	
217+00 - 218+25, RT	3	
236+50 - 238+00, RT	3	
PROJECT TOTAL	10	
A2002366		

TREE, CELTIS OCCIDENTALIS (CMN HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED		
STATION	EACH	REMARKS
MOEN AVENUE		
210+50 - 211+00, LT	3	
248+00 - 249+75, LT	3	
PROJECT TOTAL	6	
A2002920		

TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED		
STATION	EACH	REMARKS
MOEN AVENUE		
232+75 - 233+00, LT	1	
233+50 - 234+50, LT	2	
PROJECT TOTAL	3	
A2006520		

NOTES

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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 14 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	25
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

TREE, TILIA AMERICANA MCKSENTRY (SENTRY AMERICAN LINDEN/BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED		
STATION	EACH	REMARKS
MOEN AVENUE		
210+00 - 212+00, LT	7	
231+25 - 231+75, LT	1	
243+50 - 244+50, LT	2	
PROJECT TOTAL	10	
A2007150		

TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED		
STATION	EACH	REMARKS
MOEN AVENUE		
220+00 - 220+75, RT	2	
241+50 - 242+50, RT	2	
248+50 - 249+75, RT	2	
PROJECT TOTAL	6	
B2001616		

TEMPORARY STORM SEWER 24"		
STATION	FOOT	REMARKS
MOEN AVENUE		
224+75 - 224+00, LT	21	
PROJECT TOTAL	21	
X0326296		

TRENCH DRAIN		
STATION	FOOT	REMARKS
MOEN AVENUE		
236+71 - 237+81, LT	110	PRIVATE DRIVEWAY
238+00 - 238+30, LT	30	PRIVATE DRIVEWAY
PROJECT TOTAL	140	
X0327680		

PAVEMENT MARKING REMOVAL - GRINDING		
STATION	SQ FT	REMARKS
MOEN AVENUE		
STAGE 1		
200+60 - 201+20	40	4" DOUBLE YELLOW CENTERLINE
201+20 - 208+39	65	4" SKIP DASH CENTERLINE
208+39 - 208+65, RT	53	LETTERS AND SYMBOLS
208+39 - 213+87	257	4" DOUBLE YELLOW CENTERLINE
213+87 - 218+80	32	4" SKIP DASH CENTERLINE
216+30 - 216+56, RT	53	LETTERS AND SYMBOLS
217+74 - 218+00, LT	53	LETTERS AND SYMBOLS
218+80 - 236+18	103	4" SKIP DASH CENTERLINE
232+85 - 233+11, RT	32	LETTERS AND SYMBOLS
236+18 - 236+30	50	12" SOLID - BIKE PATH
236+18 - 236+30	135	18" SOLID - BIKE PATH
236+30 - 246+30	70	4" SKIP DASH CENTERLINE
240+13 - 40+38, LT	32	LETTERS AND SYMBOLS
246+30 - 247+98	219	4" DOUBLE YELLOW CENTERLINE
246+30 - 247+98	43	12" DIAGONALS
247+98 - 249+65	112	4" SOLID
247+98 - 249+65	27	4" SKIP DASH
247+98 - 249+65	14	LETTERS AND SYMBOLS
STAGE 1 TOTAL	1,392	
STAGE 2		
200+22 - 210+47, LT	345	SOLID WHITE EDGE TAPER
200+85 - 221+75	1,402	SOLID DOUBLE YELLOW CENTERLINE
210+44 - 211+65	42	SOLID WHITE EDGE TAPER
211+44 - 221+71, LT	346	SOLID WHITE EDGE TAPER
STAGE 2 TOTAL	2,135	
STAGE 3		
200+49 - 218+32, LT	605	SOLID YELLOW EDGE TAPER
200+50 - 221+75	711	SOLID WHITE EDGE TAPER
STAGE 3 TOTAL	1,316	
STAGE 4		
200+50 - 218+25, RT	564	SOLID YELLOW EDGE TAPER
215+95 - 218+25, RT	77	SOLID WHITE EDGE TAPER
218+53 - 249+65, LT	1,038	SOLID WHITE EDGE TAPER
218+98 - 248+88	2,488	SOLID DOUBLE YELLOW CENTERLINE
STAGE 4 TOTAL	4,167	
STAGE 5		
215+42 - 249+65, LT	2,283	SOLID DOUBLE YELLOW CENTERLINE
215+12 - 249+65, RT	1,151	SOLID WHITE EDGE TAPER
STAGE 5 TOTAL	3,434	
STAGE 6		
215+42 - 249+65, LT	2,273	SOLID DOUBLE YELLOW CENTERLINE
217+31 - 249+65, LT	1,078	SOLID WHITE EDGE TAPER
STAGE 6 TOTAL	3,351	
FINAL STAGE		
200+64 - 249+65	3,215	SOLID DOUBLE YELLOW CENTERLINE
250+51 - 253+38	192	SOLID YELLOW EDGE TAPER
216+31 - 252+81, LT	1,217	SOLID WHITE EDGE TAPER
FINAL STAGE TOTAL	4,624	

PAVEMENT MARKING REMOVAL - GRINDING CONT.		
STATION	SQ FT	REMARKS
MOEN AVENUE		
STAGE 1		
100+00 - 106+00	42	4" SKIP DASH CENTERLINE
STAGE 1 TOTAL	42	
STAGE 2		
99+17 - 105+75	440	SOLID DOUBLE YELLOW CENTERLINE
99+17 - 106+30, LT	240	SOLID WHITE EDGE LINE
STAGE 2 TOTAL	680	
STAGE 3		
99+20 - 106+58, LT	244	SOLID WHITE EDGE LINE
97+85 - 106+34, LT	300	SOLID WHITE EDGE LINE
STAGE 3 TOTAL	544	
STAGE 4		
98+17 - 106+62, LT	290	SOLID WHITE EDGE LINE
STAGE 4 TOTAL	290	
FINAL STAGE		
100+77 - 106+09	355	SOLID DOUBLE YELLOW CENTERLINE
106+09, RT	28	SOLID WHITE STOP BAR
FINAL STAGE TOTAL	383	
PROJECT TOTAL	15,573	
X0327979		

PAVEMENT MARKING REMOVAL - WATER BLASTING		
STATION	SQ FT	REMARKS
MOEN AVENUE		
STAGE 1		
249+65 - 249+83	11	4" MEDIAN AND CENTERLINE
STAGE 1 TOTAL	11	
STAGE 4		
212+45 - 213+26, RT	27	SOLID YELLOW EDGE LINE
250+40 - 251+16	23	12" DIAGONALS
250+40 - 253+38	108	4" MEDIAN AND CENTERLINE
STAGE 4 TOTAL	158	
STAGE 6		
250+46 - 253+38, RT	118	6" TURN LANE
250+40 - 253+38	148	4" MEDIAN AND CENTERLINE
251+30 - 251+70	35	LETTERS AND SYMBOLS
253+38	52	24" STOP BAR
250+46 - 251+16, LT	47	SOLID DOUBLE YELLOW MEDIAN
STAGE 6 TOTAL	738	
FINAL STAGE		
212+42 - 213+23	54	SOLID DOUBLE YELLOW CENTERLINE
249+65 - 252+81, LT	106	SOLID WHITE EDGE TAPER
250+51 - 252+81, LT	192	SOLID YELLOW MEDIAN
FINAL STAGE TOTAL	1,137	
PROJECT TOTAL	2,098	
X0327980		

NOTES

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REVISION	DATE	BY	REMARKS

DRAWN	JSH
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APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
& ASSOCIATES INC
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1000 ESSINGTON ROAD, JOULET, IL 60435
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79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 15 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	26
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

SELECT GRANULAR BACKFILL, SPECIAL		
STATION	CU YD	REMARKS
MOEN AVENUE		
216+70	18	10" WATERMAIN CROSSING
236+50	18	8" WATERMAIN CROSSING
237+65	24	2" SERVICE CROSSING
240+96, RT - 241+12,RT	7	8" WATERMAIN CROSSING
241+12, RT-241+34,RT	10	8" WATERMAIN CROSSING
241+77	23	1" SERVICE CROSSING
242+40	18	8" WATERMAIN CROSSING
PROJECT TOTAL	118	

DUCTILE IRON WATER MAIN FITTINGS		
STATION	POUND	REMARKS
MOEN AVENUE		
216+68, LT	204	1/8 BEND, 10" (2)
216+74, RT	372	1/8 BEND 10"(2),TEE 10"X10",PLUG 10"
236+50, LT	115	TEE 8"X8", PLUG, 8"
236+50, RT	129	TEE 8"X8", REDR 8"X6"
238+25, RT	56	1/8 BEND, 8"
238+29, RT	56	1/8 BEND, 8"
241+12, RT	161	PLUG, 12", REDR 12"X8" (2)
242+40, LT	115	TEE 8"X8", PLUG, 8"
242+40, RT	176	CROSS 8"X8", REDR 8"X6", PLUG 8"
245+52, LT	78	1/8 BEND, 8"
245+58, LT	78	1/8 BEND, 8"
246+85, LT	78	1/8 BEND, 8"
246+90, LT	78	1/8 BEND, 8"
PROJECT TOTAL	1,696	

PLUG EX WATER MAIN		
STATION	EACH	REMARKS
MOEN AVENUE		
216+69, RT	1	
236+55, LT	1	
241+12, RT	1	
242+40, LT	1	
PROJECT TOTAL	4	

WATER MAIN REMOVAL, 8"		
STATION	FOOT	REMARKS
MOEN AVENUE		
236+50 - 242+40, LT	593	
245+58 - 246+95, LT	142	
PROJECT TOTAL	735	

WATER MAIN REMOVAL, 10"		
STATION	FOOT	REMARKS
MOEN AVENUE		
216+70	81	
PROJECT TOTAL	81	

WATER MAIN LINE STOP 8"		
STATION	EACH	REMARKS
MOEN AVENUE		
236+30, LT	1	
245+30, LT	1	
247+14, LT	1	
PROJECT TOTAL	3	

WATER MAIN LINE STOP 10"		
STATION	EACH	REMARKS
MOEN AVENUE		
217+02, RT	1	
PROJECT TOTAL	1	

INLETS, SPECIAL, NO. 4		
STATION	EACH	REMARKS
MOEN AVENUE		
219+77, LT	1	
218+73, LT	1	
225+50, LT	1	
226+61, LT	1	
226+92, LT	1	
227+23, LT	1	
228+75, LT	1	
230+60, LT	1	
231+38, LT	1	
231+75, LT	1	
PROJECT TOTAL	10	

INLETS, SPECIAL, NO. 5		
STATION	EACH	REMARKS
MOEN AVENUE		
221+50, RT	1	
227+28, RT	1	
228+35, RT	1	
230+00, RT	1	
241+96, LT	1	
242+20, LT	1	
243+25, RT	1	
243+50, LT	1	
PROJECT TOTAL	8	

INLETS, SPECIAL, NO. 6		
STATION	EACH	REMARKS
MOEN AVENUE		
210+25, RT	1	
222+50, LT	1	
246+55, LT	1	
246+75, LT	1	
PROJECT TOTAL	4	

TEMPORARY INLET		
STATION	EACH	REMARKS
MOEN AVENUE		
224+00, LT	1	
PROJECT TOTAL	1	

PAVED DITCH (SPECIAL)		
STATION	FOOT	REMARKS
MOEN AVENUE		
237+81 - 238+00, LT	20	
238+30 - 238+80, LT	50	
PROJECT TOTAL	70	

NOTES

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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 16 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	27
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED		
STATION	FOOT	REMARKS
MOEN AVENUE		
200+45 - 202+53, RT	214	
PROJECT TOTAL	214	
X6640304		

CHANGEABLE MESSAGE SIGN		
STATION	CAL DA	REMARKS
MOEN AVENUE		
EASTERN CONSTRUCTION LIMITS	100	AUGUST 2018 - OCTOBER 2018
MOUND ROAD		
WESTERN CONSTRUCTION LIMITS	100	AUGUST 2018 - OCTOBER 2018
PROJECT TOTAL	200	
X7015005		

CURB STOPS 1"		
STATION	EACH	REMARKS
MOEN AVENUE		
241+77, LT	1	
PROJECT TOTAL	1	
Z0015000		

CURB STOPS 2"		
STATION	EACH	REMARKS
MOEN AVENUE		
237+65, RT	1	
PROJECT TOTAL	1	
Z0015300		

TEMPORARY INFORMATION SIGNING		
STATION	SO FT	REMARKS
MOEN AVENUE/MOUND ROAD		
	25.7	MOEN AVENUE
	25.7	MOUND ROAD
PROJECT TOTAL	52	
Z0030850		

LONGITUDINAL JOINT SEALANT		
STATION	FOOT	REMARKS
MOEN AVENUE		
200+50 - 203+09	259	MEDIAN EDGE
200+88 - 203+09, RT	222	MEDIAN EDGE
203+09 - 215+42	1,261	CENTERLINE
215+42 - 249+65, LT	3,424	LANE EDGE
215+42 - 249+65, RT	3,424	LANE EDGE
MOEN AVENUE TOTAL	8,590	
MOUND ROAD		
100+77 - 106+09	532	CENTERLINE
106+09 - 106+80	117	EB TO NB LEFT TURN RADIUS
MOUND ROAD TOTAL	649	
PROJECT TOTAL	9,239	
Z0033700		

STORM SEWER (WATER MAIN REQS) 12 INCH		
STATION	FOOT	REMARKS
MOEN AVENUE		
216+46 - 216+78, LT	29	
245+87 - 246+75, LT	78	
PROJECT TOTAL	107	
Z0056608		

STORM SEWER (WATER MAIN REQS) 15 INCH		
STATION	FOOT	REMARKS
MOEN AVENUE		
218+15 - 219+41, RT	118	
220+75 - 221+50, RT	67	
227+23 - 231+75, LT	428	
233+58 - 234+38, RT	73	
240+10 - 241+50, RT	144	
243+50 - 245+78, LT	225	
PROJECT TOTAL	1,055	
Z0056610		

STORM SEWER (WATER MAIN REQS) 24 INCH		
STATION	FOOT	REMARKS
MOEN AVENUE		
225+50 - 227+23, LT	156	
PROJECT TOTAL	156	
Z0056616		

STORM SEWER (WATER MAIN REQS) 30 INCH		
STATION	FOOT	REMARKS
MOEN AVENUE		
216+65 - 218+15, RT	149	
PROJECT TOTAL	149	
Z0056620		

TEMPORARY PAVEMENT		
STATION	SO YD	REMARKS
MOEN AVENUE/MOUND ROAD		
STAGE 1		
99+17 - 210+22, LT	1,282	
211+64 - 211+39, LT	17	
211+89 - 247+51, LT	4,544	
247+88 - 249+65, LT	57	
PROJECT TOTAL	5,900	
Z0073400		

CASING (WATERMAIN REQUIREMENTS), 16" DIA.		
STATION	FOOT	REMARKS
MOEN AVENUE		
239+92 - 240+22, RT	30	
PROJECT TOTAL	30	

NOTES

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

FILE = SA\PROJECTS\2016\1189J16-RK-Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-sch17.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOULET, IL 60435
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79 MOEN AVENUE
ROCKDALE, IL 60436

SCHEDULE OF QUANTITIES
SHEET 17 OF 17

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	28
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

(C) PROP. CURVE MN200
 PI STA. = 211+21.00
 $\Delta = 81^\circ 50' 32''$ (RT)
 D = 22° 55' 06"
 R = 250.00'
 T = 216.72'
 L = 357.10'
 E = 80.86'
 e = 4.00%
 T.R. = 48.64'
 S.E. RUN = 97.28'
 P.C. STA = 209+04.29
 P.T. STA = 212+61.39

(B) PROP. CURVE MN100
 PI STA. = 207+33.84
 $\Delta = 3^\circ 54' 28''$ (LT)
 D = 1° 08' 45"
 R = 5,000.00'
 T = 170.58'
 L = 341.03'
 E = 2.91'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 205+63.26
 P.T. STA = 209+04.29

(A) PROP. CURVE MDC1
 PI STA. = 103+92.54
 $\Delta = 2^\circ 22' 26''$ (RT)
 D = 1° 08' 45"
 R = 5,000.00'
 T = 103.60'
 L = 207.16'
 E = 1.07'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 102+88.94
 P.T. STA = 104+96.11

(D) PROP. CURVE MN300
 PI STA. = 215+30.14
 $\Delta = 14^\circ 57' 41''$ (RT)
 D = 11° 27' 33"
 R = 500.00'
 T = 65.66'
 L = 130.56'
 E = 4.29'
 e = 2.00%
 T.R. = 15.20'
 S.E. RUN = 45.60'
 P.C. STA = 214+64.49
 P.T. STA = 215+95.05

(E) PROP. CURVE MN400
 PI STA. = 217+51.06
 $\Delta = 3^\circ 34' 27''$ (LT)
 D = 1° 08' 45"
 R = 5,000.00'
 T = 156.01'
 L = 311.91'
 E = 2.43'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 215+95.05
 P.T. STA = 219+06.96

ALIGNMENT COORDINATES – MOUND ROAD

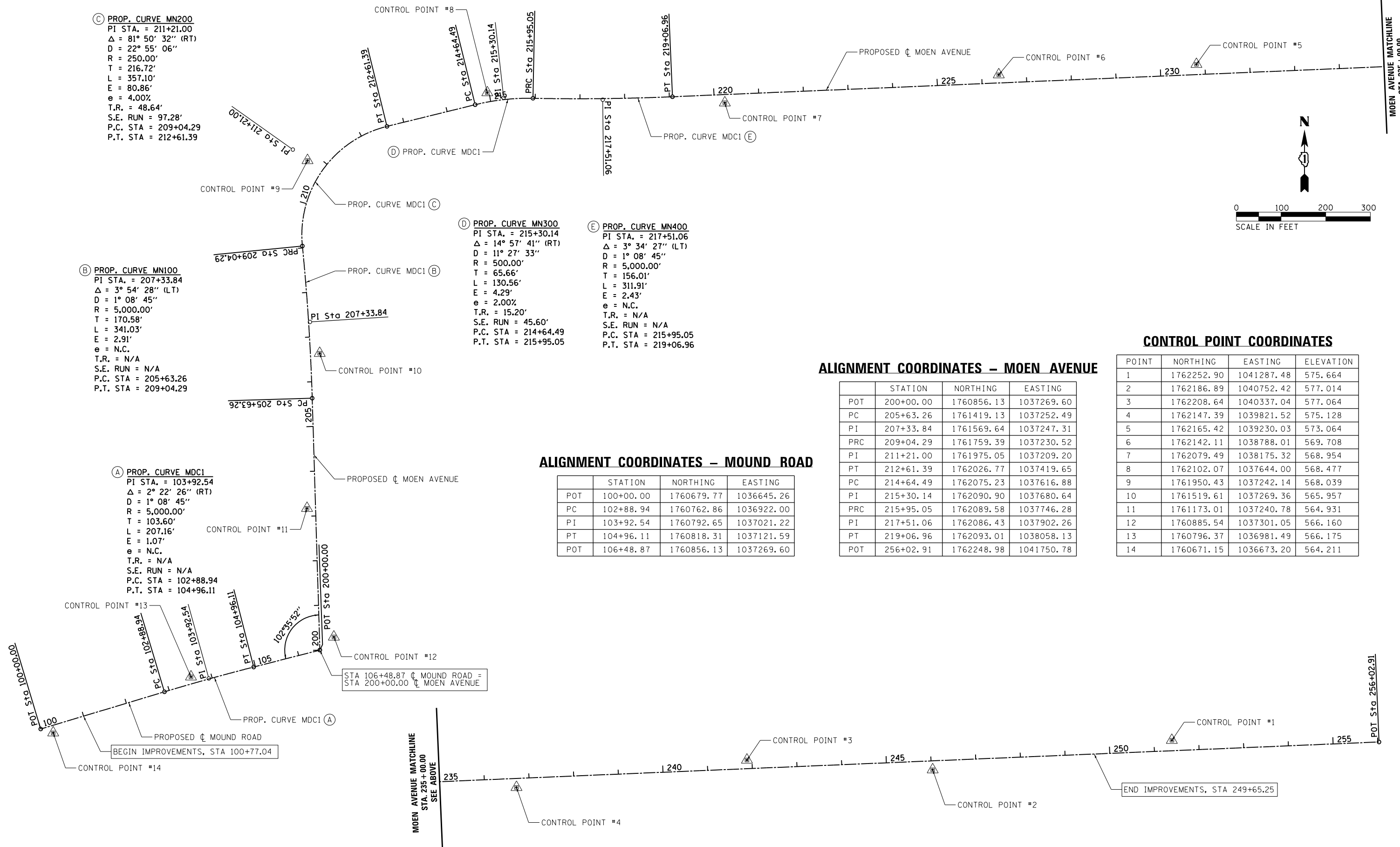
	STATION	NORTHING	EASTING
POT	100+00.00	1760679.77	1036645.26
PC	102+88.94	1760762.86	1036922.00
PI	103+92.54	1760792.65	1037021.22
PT	104+96.11	1760818.31	1037121.59
POT	106+48.87	1760856.13	1037269.60

ALIGNMENT COORDINATES – MOEN AVENUE

	STATION	NORTHING	EASTING
POT	200+00.00	1760856.13	1037269.60
PC	205+63.26	1761419.13	1037252.49
PI	207+33.84	1761569.64	1037247.31
PRC	209+04.29	1761759.39	1037230.52
PI	211+21.00	1761975.05	1037209.20
PT	212+61.39	1762026.77	1037419.65
PC	214+64.49	1762075.23	1037616.88
PI	215+30.14	1762090.90	1037680.64
PRC	215+95.05	1762089.58	1037746.28
PI	217+51.06	1762086.43	1037902.26
PT	219+06.96	1762093.01	1038058.13
POT	256+02.91	1762248.98	1041750.78

CONTROL POINT COORDINATES

POINT	NORTHING	EASTING	ELEVATION
1	1762252.90	1041287.48	575.664
2	1762186.89	1040752.42	577.014
3	1762208.64	1040337.04	577.064
4	1762147.39	1039821.52	575.128
5	1762165.42	1039230.03	573.064
6	1762142.11	1038788.01	569.708
7	1762079.49	1038175.32	568.954
8	1762102.07	1037644.00	568.477
9	1761950.43	1037242.14	568.039
10	1761519.61	1037269.36	565.957
11	1761173.01	1037240.78	564.931
12	1760885.54	1037301.05	566.160
13	1760796.37	1036981.49	566.175
14	1760671.15	1036673.20	564.211



FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-01.dgn

REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



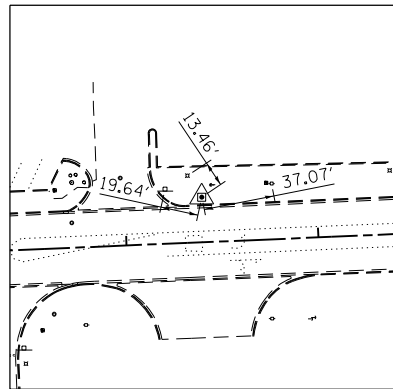
WILLETT HOFMANN
 & ASSOCIATES INC
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
 ROCKDALE, IL 60436

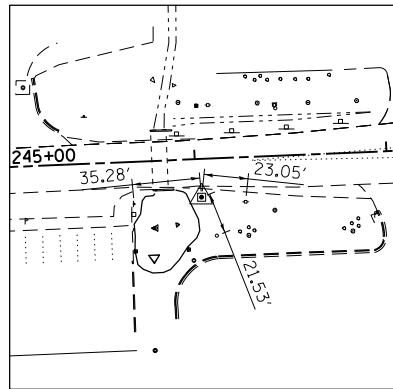
ALIGNMENT, TIES, AND BENCHMARKS
 SHEET 1 OF 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	29
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		



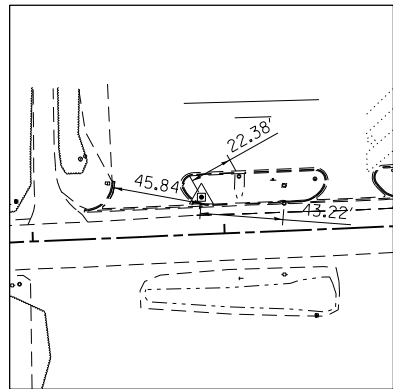
CONTROL POINT #1

SET #5 IRON PIPE
STA. 251+40.19, 23.46' LT.
ELEV. 575.664



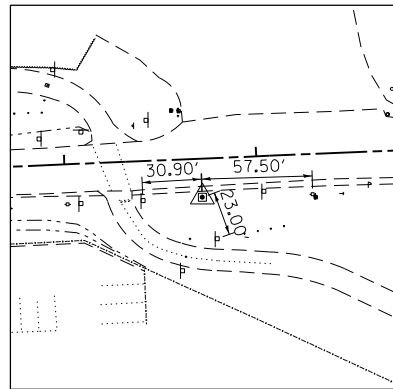
CONTROL POINT #2

SET #5 IRON PIPE
STA. 245+02.81, 19.91' RT.
ELEV. 577.014



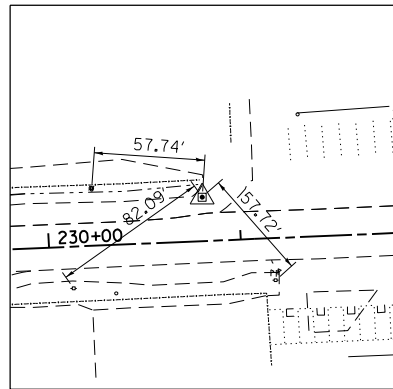
CONTROL POINT #3

SET #5 IRON PIPE
STA. 241+88.72, 19.35' LT.
ELEV. 577.064



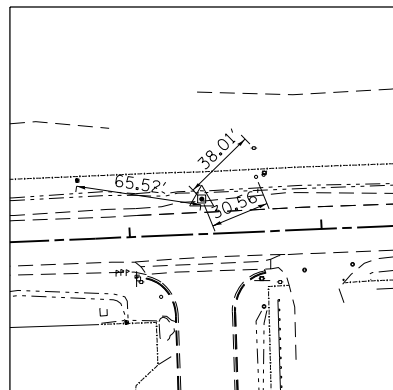
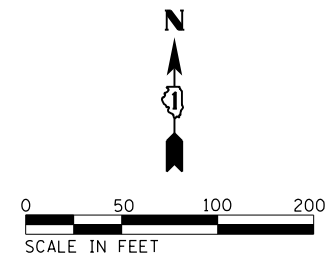
CONTROL POINT #4

SET #5 IRON PIPE
STA. 236+71.08, 20.09' RT.
ELEV. 575.128



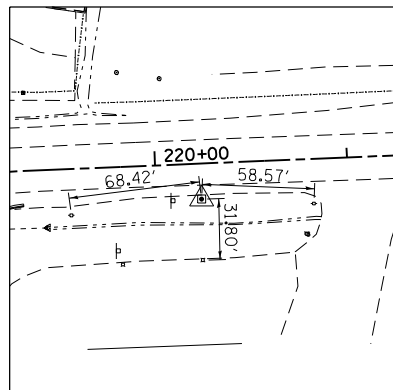
CONTROL POINT #5

SET #5 IRON PIPE
STA. 230+80.88, 22.88' LT.
ELEV. 573.064



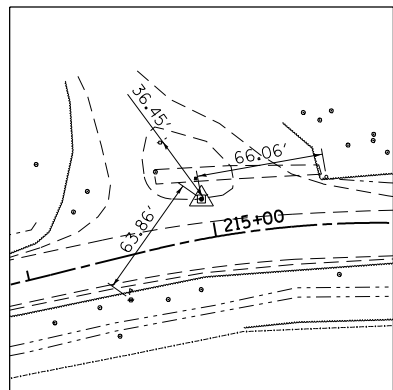
CONTROL POINT #6

SET #5 IRON PIPE
STA. 226+38.26, 18.25' LT.
ELEV. 579.708



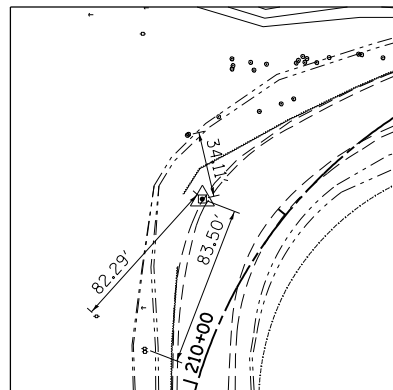
CONTROL POINT #7

SET #5 IRON PIPE
STA. 220+23.48, 18.46' RT.
ELEV. 568.954



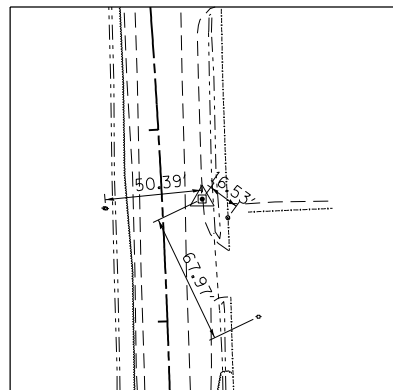
CONTROL POINT #8

SET #5 IRON PIPE
STA. 214+95.95, 20.62' LT.
ELEV. 568.477



CONTROL POINT #9

SET #5 IRON PIPE
STA. 210+81.91, 39.75' LT.
ELEV. 568.039

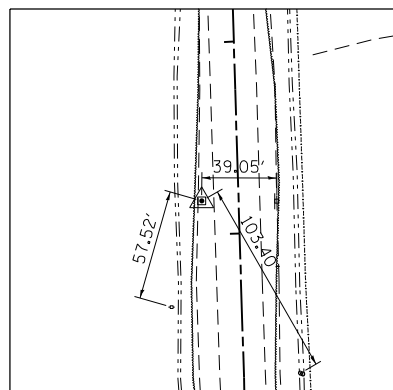


CONTROL POINT #10

SET #5 IRON PIPE
STA. 206+62.77, 20.90' RT.
ELEV. 565.957

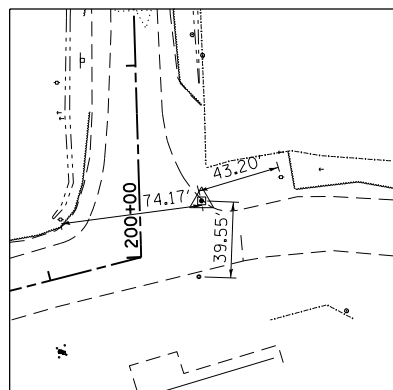
CONTROL POINT COORDINATES

POINT	NORTHING	EASTING	ELEVATION
1	1762252.90	1041287.48	575.664
2	1762186.89	1040752.42	577.014
3	1762208.64	1040337.04	577.064
4	1762147.39	1039821.52	575.128
5	1762165.42	1039230.03	573.064
6	1762142.11	1038788.01	569.708
7	1762079.49	1038175.32	568.954
8	1762102.07	1037644.00	568.477
9	1761950.43	1037242.14	568.039
10	1761519.61	1037269.36	565.957
11	1761173.01	1037240.78	564.931
12	1760885.54	1037301.05	566.160
13	1760796.37	1036981.49	566.175
14	1760671.15	1036673.20	564.211



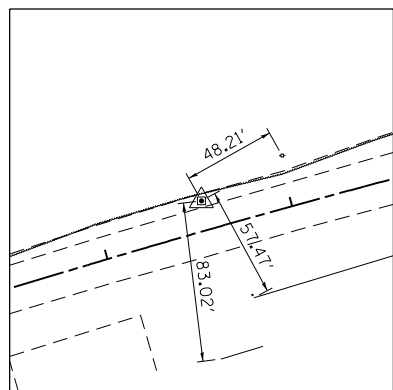
CONTROL POINT #11

SET #5 IRON PIPE
STA. 203+17.60, 19.18' LT.
ELEV. 564.931



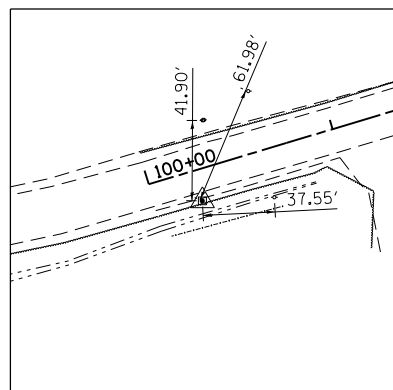
CONTROL POINT #12

SET PK NAIL
STA. 200+28.43, 32.33' RT.
ELEV. 566.160



CONTROL POINT #13

SET #5 IRON PIPE
STA. 103+55.35, 15.43' LT.
ELEV. 566.175



CONTROL POINT #14

SET #5 IRON PIPE
STA. 100+24.28, 16.30' RT.
ELEV. 564.211

BENCHMARKS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
400	1762247.84	1041170.84	576.389	"O" ON OPEN ON FIRE HYDRANT
401	1762235.05	1040790.60	578.058	"X" ON NORTHEAST BOLT ON FIRE HYDRANT
402	1762214.76	1040380.36	577.822	"X" ON EAST BOLT ON FIRE HYDRANT
403	1762203.37	1039923.31	578.346	"X" ON NORTHEAST BOLT ON FIRE HYDRANT
404	1762170.07	1039172.56	574.978	"X" ON SOUTHEAST BOLT ON FIRE HYDRANT
405	1762155.66	1038820.80	572.775	"X" ON SOUTHEAST BOLT ON FIRE HYDRANT
406	1762061.21	1038230.54	571.605	"X" ON EAST BOLT ON FIRE HYDRANT
407	1762049.83	1037607.27	568.475	RAILROAD SPIKE IN POWER POLE
408	1761514.63	1037219.22	567.679	RAILROAD SPIKE IN POWER POLE
409	1760807.12	1037227.68	567.850	RAILROAD SPIKE IN POWER POLE
410	1760713.04	1036673.49	565.738	RAILROAD SPIKE IN POWER POLE

ALIGNMENT, TIES, AND BENCHMARKS
SHEET 2 OF 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	30
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

FILE = S:\PROJECTS\2016\1189J16-RK-Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-04b2.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

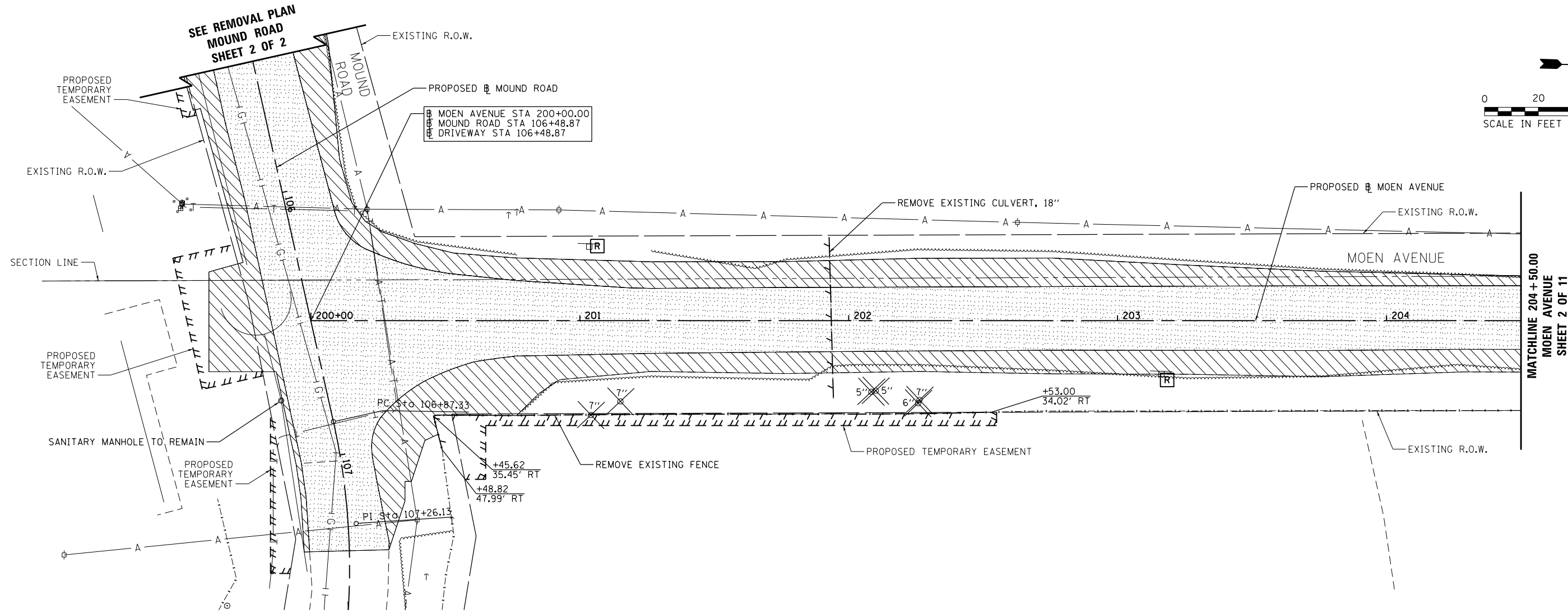
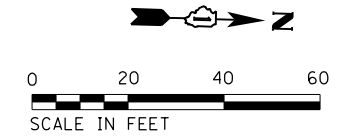


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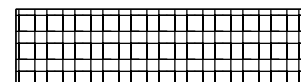
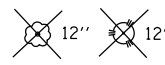
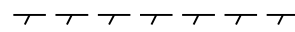


79 MOEN AVENUE
ROCKDALE, IL 60436

SEE REMOVAL PLAN
MOUND ROAD
SHEET 2 OF 2



MATCHLINE 204 + 50.00
MOEN AVENUE
SHEET 2 OF 11

LEGEND

-  PAVEMENT REMOVAL
-  REMOVAL OF EXISTING STRUCTURES
-  AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)
-  DRIVEWAY ENTRANCE REMOVAL
-  TREE REMOVAL AND SIZE (IN DIA.)
-  LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
-  REMOVE OR RELOCATE ITEM
-  ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-r-em-MOEN1.dgn

REVISION	DATE	BY	REMARKS

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APPROVED	GFS

STATE OF ILLINOIS
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WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
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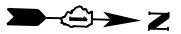
**79 MOEN AVENUE
ROCKDALE, IL 60436**

**REMOVAL PLAN - MOEN AVENUE
SHEET 1 OF 11**

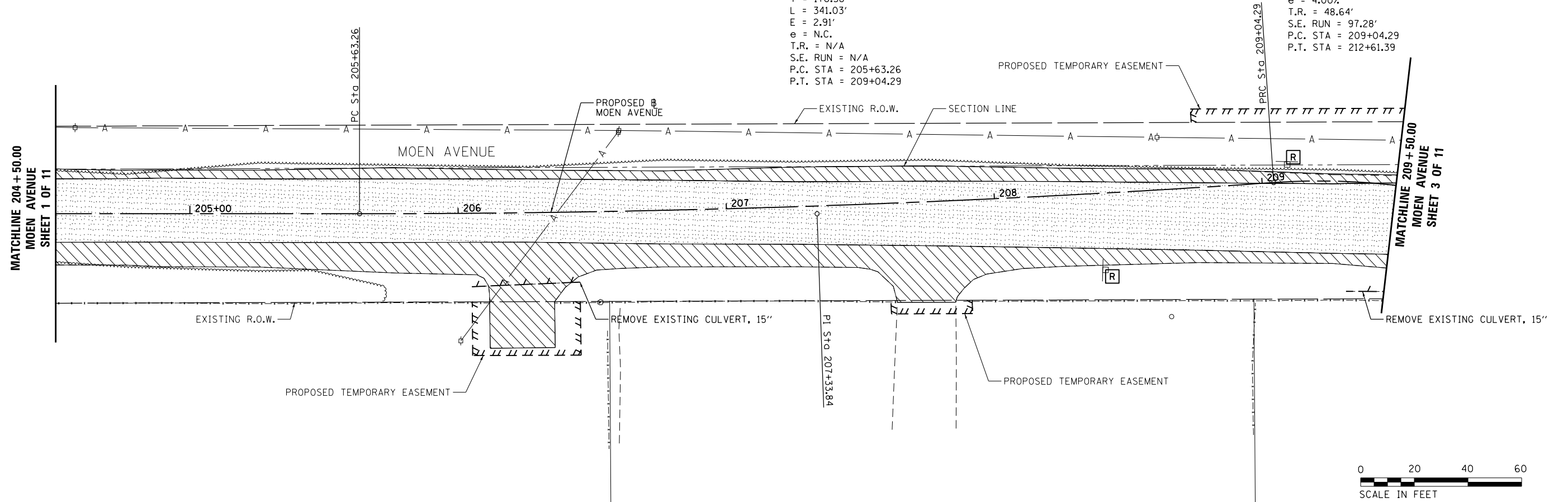
STA. 200 + 00.00 TO 204 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	31
WHA* 1189J16 ILLINOIS			CONTRACT 61E00	

PROP. CURVE MN200
 PI STA. = 211+21.00
 $\Delta = 81^\circ 50' 32''$ (RT)
 D = 22° 55' 06"
 R = 250.00'
 T = 216.72'
 L = 357.10'
 E = 80.86'
 e = 4.00%
 T.R. = 48.64'
 S.E. RUN = 97.28'
 P.C. STA = 209+04.29
 P.T. STA = 212+61.39



PROP. CURVE MN100
 PI STA. = 207+33.84
 $\Delta = 3^\circ 54' 28''$ (LT)
 D = 1° 08' 45"
 R = 5,000.00'
 T = 170.58'
 L = 341.03'
 E = 2.91'
 e = N.C.
 T.R. = N/A
 S.E. RUN = N/A
 P.C. STA = 205+63.26
 P.T. STA = 209+04.29



LEGEND

	PAVEMENT REMOVAL		TREE REMOVAL AND SIZE (IN DIA.)
	REMOVAL OF EXISTING STRUCTURES		LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
	AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)		REMOVE OR RELOCATE ITEM
	DRIVEWAY ENTRANCE REMOVAL		ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-r-em-MOEN2.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
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APPROVED	GFS

STATE OF ILLINOIS
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 1000 ESSINGTON ROAD, JOUET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

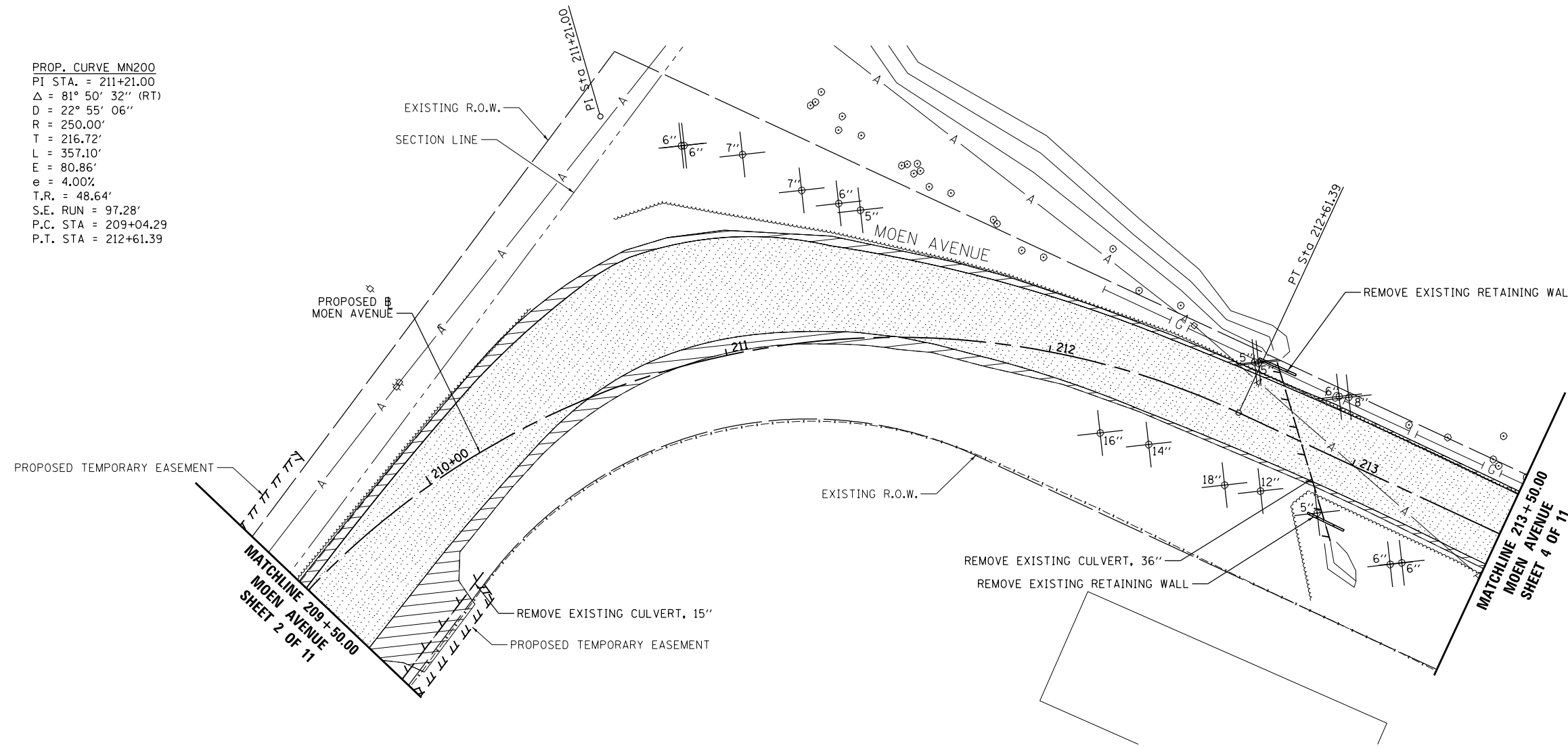
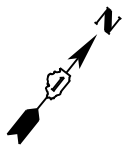
ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

REMOVAL PLAN - MOEN AVENUE
SHEET 2 OF 11

STA. 204 + 50.00 TO 209 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	32
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

PROP. CURVE MN200
 PI STA. = 211+21.00
 $\Delta = 81^\circ 50' 32''$ (RT)
 D = $22^\circ 55' 06''$
 R = 250.00'
 T = 216.72'
 L = 357.10'
 E = 80.86'
 e = 4.00%
 T.R. = 48.64'
 S.E. RUN = 97.28'
 P.C. STA = 209+04.29
 P.T. STA = 212+61.39



LEGEND

- PAVEMENT REMOVAL
- REMOVAL OF EXISTING STRUCTURES
- AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)
- DRIVEWAY ENTRANCE REMOVAL
- TREE REMOVAL AND SIZE (IN DIA.)
- LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
- REMOVE OR RELOCATE ITEM
- ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-r-em-MOEN3.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

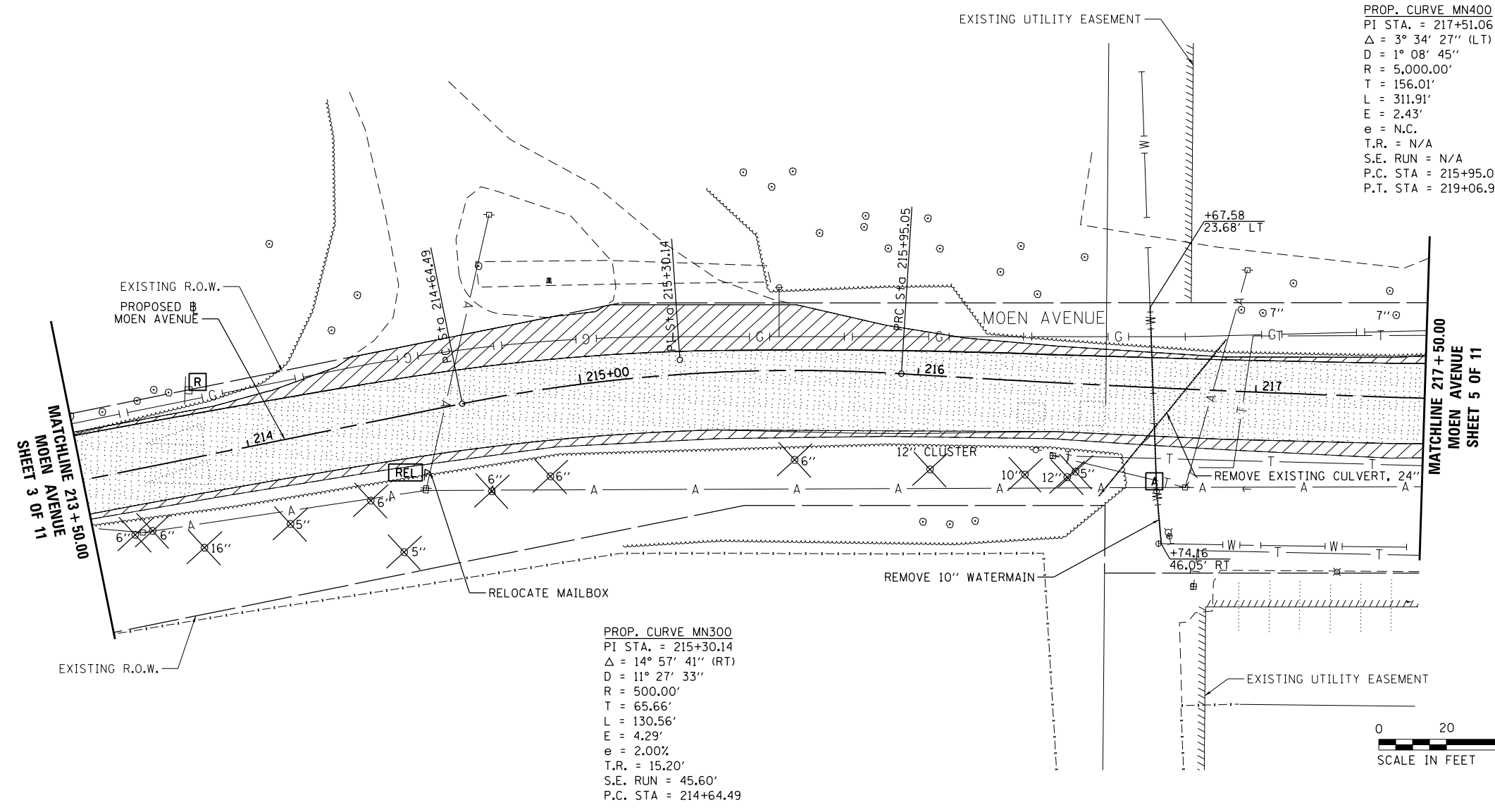
WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

REMOVAL PLAN - MOEN AVENUE
SHEET 3 OF 11
 STA. 209 + 50.00 TO 213 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	33
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

PROP. CURVE MN400
 PI STA. = 217+51.06
 $\Delta = 3^\circ 34' 27''$ (LT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 156.01'$
 $L = 311.91'$
 $E = 2.43'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 215+95.05$
 $P.T. STA = 219+06.96$



PROP. CURVE MN300
 PI STA. = 215+30.14
 $\Delta = 14^\circ 57' 41''$ (RT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 65.66'$
 $L = 130.56'$
 $E = 4.29'$
 $e = 2.00\%$
 $T.R. = 15.20'$
 $S.E. RUN = 45.60'$
 $P.C. STA = 214+64.49$



LEGEND

	PAVEMENT REMOVAL		TREE REMOVAL AND SIZE (IN DIA.)
	REMOVAL OF EXISTING STRUCTURES		LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
	AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)		REMOVE OR RELOCATE ITEM
	DRIVEWAY ENTRANCE REMOVAL		ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-rem-MOEN4.dgn

REVISION	DATE	BY	REMARKS

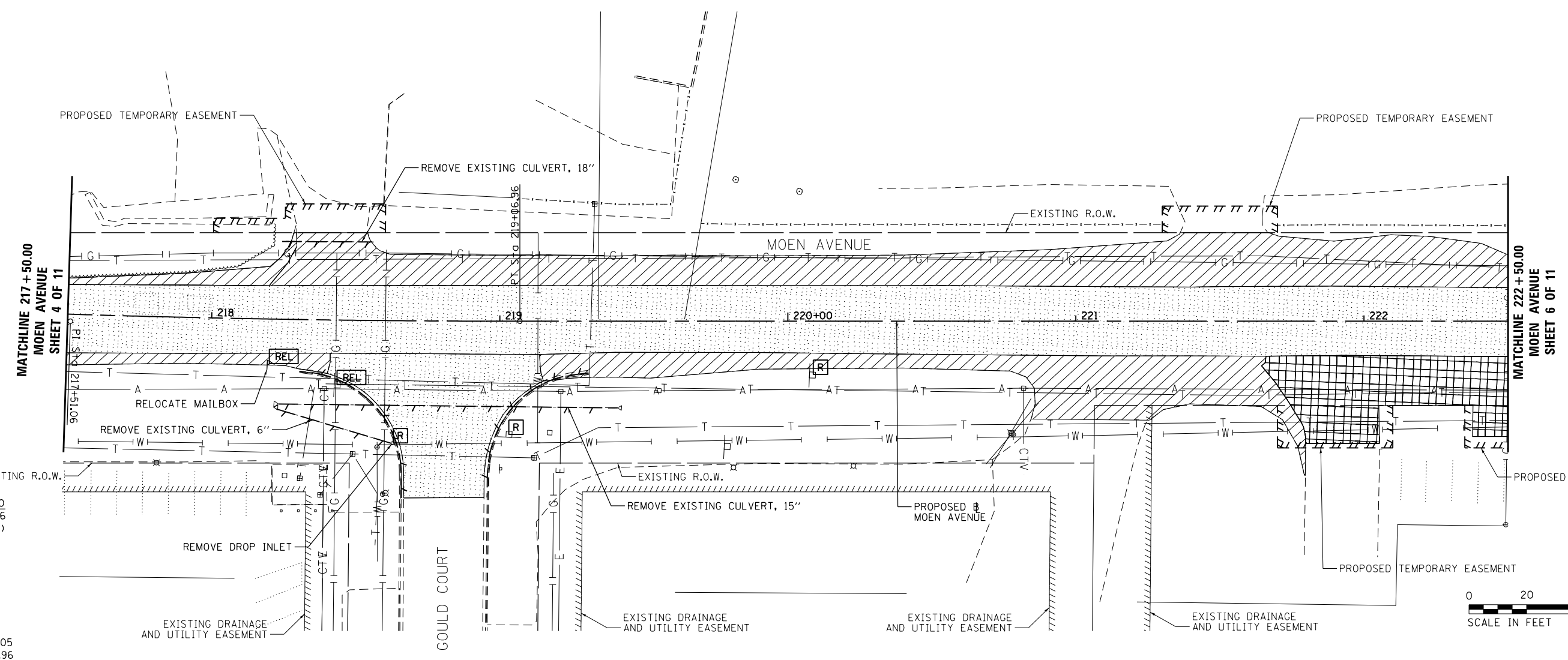
DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

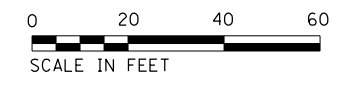
REMOVAL PLAN - MOEN AVENUE
 SHEET 4 OF 11

STA. 213 + 50.00 TO 217 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	34
WHA* 1189J16 ILLINOIS			CONTRACT 61E00	



PROP. CURVE MN400
 PI STA. = 217+51.06
 $\Delta = 3^\circ 34' 27''$ (LT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 156.01'$
 $L = 311.91'$
 $E = 2.43'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 215+95.05$
 $P.T. STA = 219+06.96$



LEGEND

- PAVEMENT REMOVAL
- REMOVAL OF EXISTING STRUCTURES
- AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)
- DRIVEWAY ENTRANCE REMOVAL
-

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-r-em-MOEN5.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

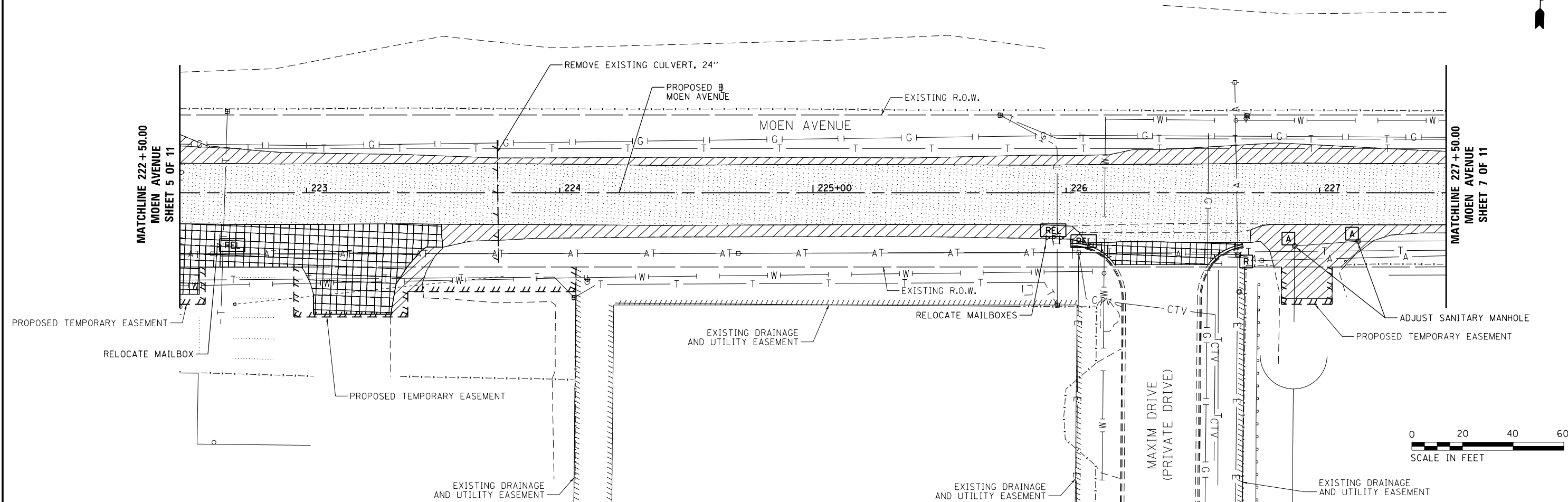
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOUET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

REMOVAL PLAN - MOEN AVENUE
SHEET 5 OF 11
 STA. 217 + 50.00 TO 222 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	35
WHA* 1189J16			ILLINOIS	
CONTRACT 61E00				



LEGEND

- PAVEMENT REMOVAL
- REMOVAL OF EXISTING STRUCTURES
- AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)
- DRIVEWAY ENTRANCE REMOVAL
-
- LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
- REMOVE OR RELOCATE ITEM
- ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-r-em-MOEN6.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

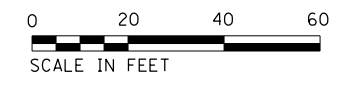
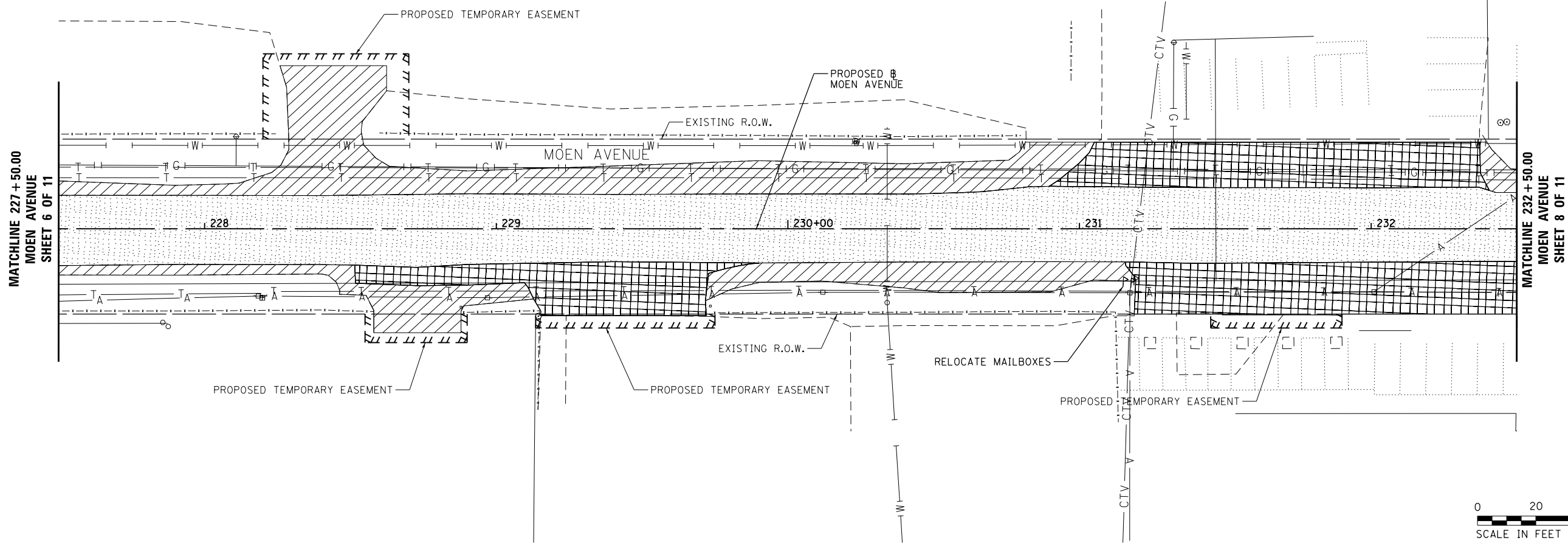
WILLETTS HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOUET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

**REMOVAL PLAN - MOEN AVENUE
SHEET 6 OF 11**

STA. 222 + 50.00 TO 227 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	36
WHA* 1189J16			ILLINOIS	
CONTRACT 61E00				



LEGEND

	PAVEMENT REMOVAL		TREE REMOVAL AND SIZE (IN DIA.)
	REMOVAL OF EXISTING STRUCTURES		LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
	AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)		REMOVE OR RELOCATE ITEM
	DRIVEWAY ENTRANCE REMOVAL		ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-r-em-MOEN7.dgn

REVISION	DATE	BY	REMARKS

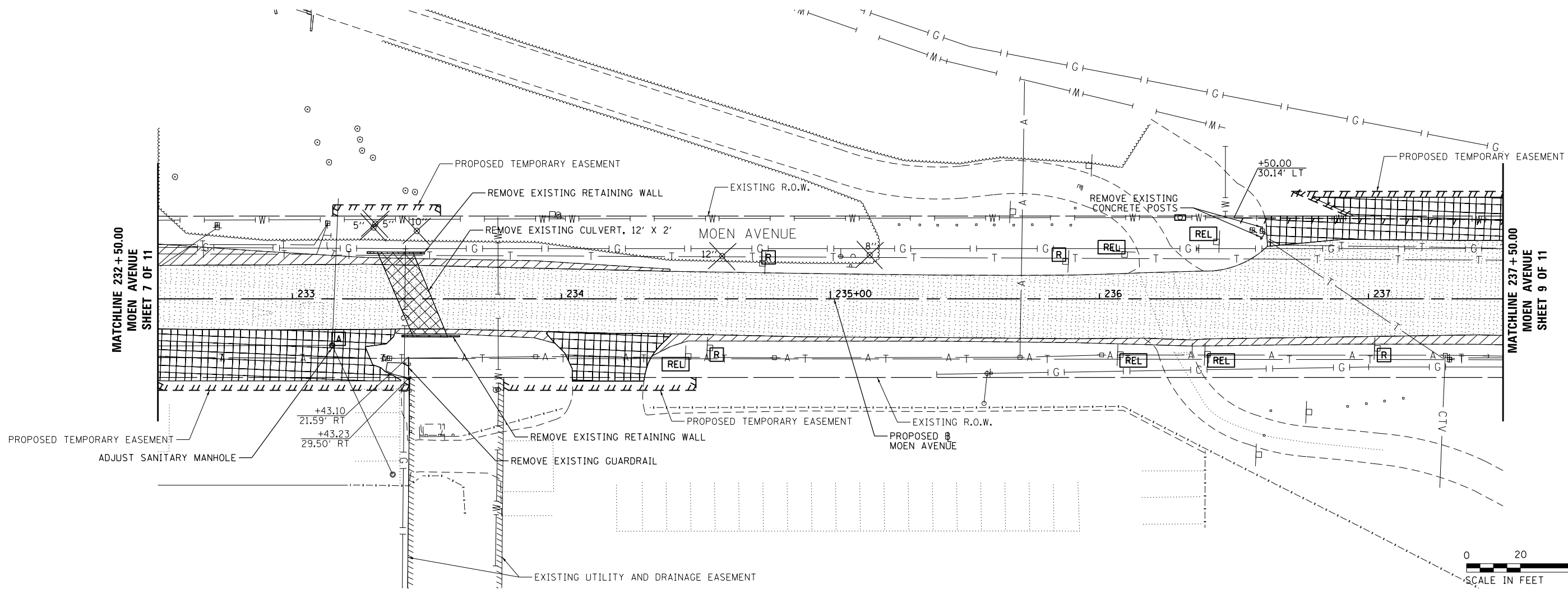
DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN - MOEN AVENUE
SHEET 7 OF 11**

STA. 227 + 50.00 TO 232 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	37
CONTRACT 61E00			WHA* 1189J16 ILLINOIS	



LEGEND

- PAVEMENT REMOVAL
- REMOVAL OF EXISTING STRUCTURES
- AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)
- DRIVEWAY ENTRANCE REMOVAL
- TREE REMOVAL AND SIZE (IN DIA.)
- LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
- REMOVE OR RELOCATE ITEM
- ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-r-em-MOEN8.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

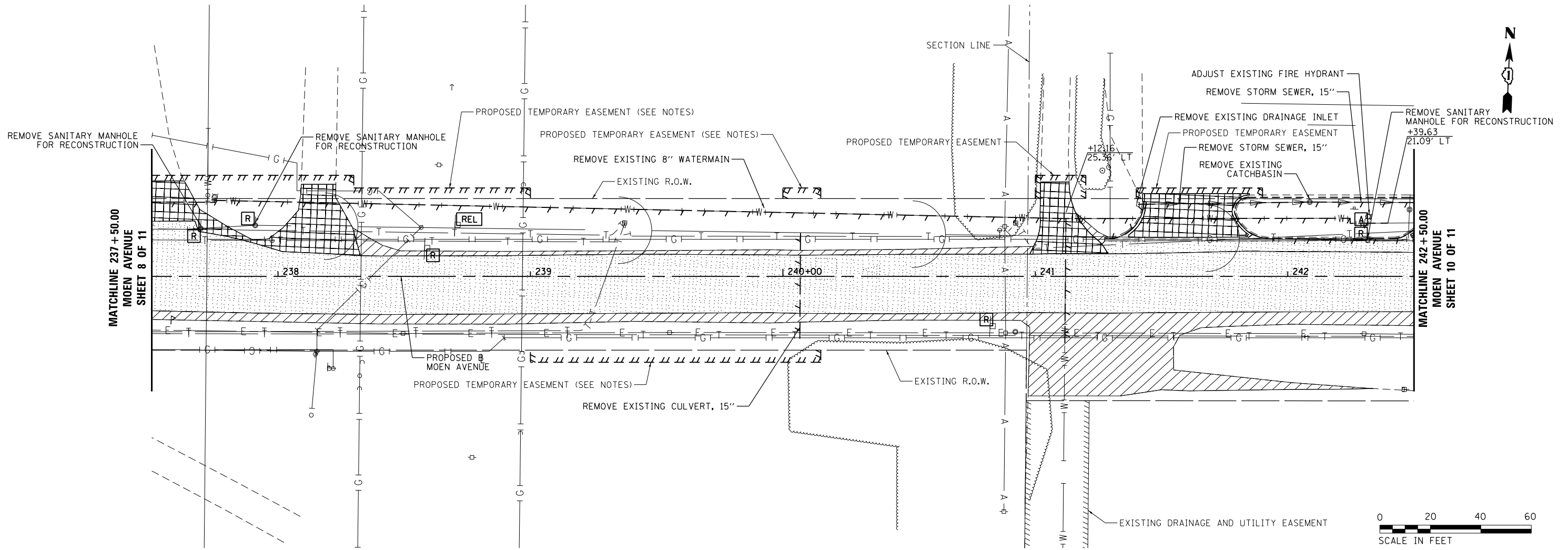
WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOUET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

**79 MOEN AVENUE
ROCKDALE, IL 60436**

**REMOVAL PLAN - MOEN AVENUE
SHEET 8 OF 11**

STA. 232 + 50.00 TO 237 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	38
WHA* 1189J16			ILLINOIS	
CONTRACT 61E00				



LEGEND

	PAVEMENT REMOVAL		12" 12"	TREE REMOVAL AND SIZE (IN DIA.)
	REMOVAL OF EXISTING STRUCTURES			LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
	AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)			REMOVE OR RELOCATE ITEM
	DRIVEWAY ENTRANCE REMOVAL			ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-shr-r-em-MOEN9.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOUET, IL 60415
T: 315-729-2229 DESIGN FIRM: #184-00018

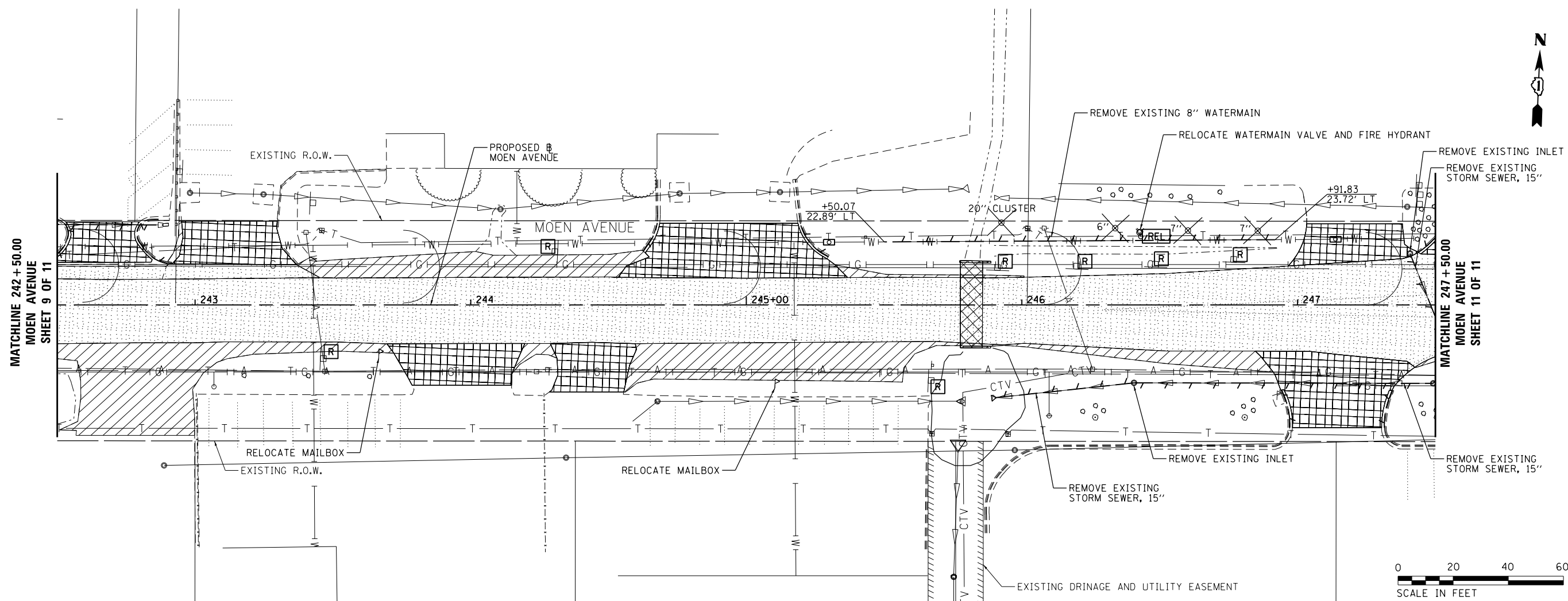
ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

**REMOVAL PLAN - MOEN AVENUE
SHEET 9 OF 11**


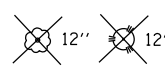

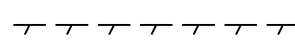


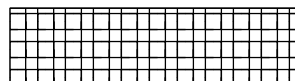

STA. 237 + 50.00 TO 242 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	39
WHA* 1189J16			ILLINOIS	





LEGEND

	PAVEMENT REMOVAL		TREE REMOVAL AND SIZE (IN DIA.)
	REMOVAL OF EXISTING STRUCTURES		LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
	AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)		REMOVE OR RELOCATE ITEM
	DRIVEWAY ENTRANCE REMOVAL		ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-r-em-MOEN10.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



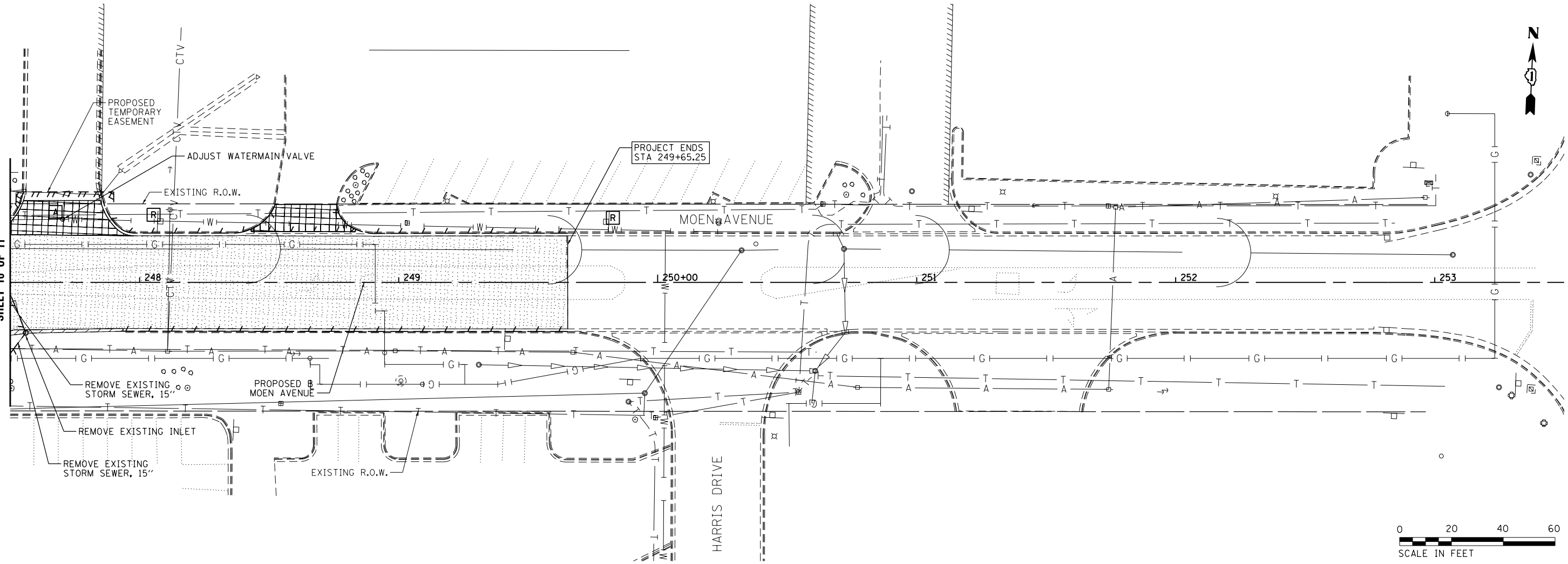
79 MOEN AVENUE
ROCKDALE, IL 60436

REMOVAL PLAN - MOEN AVENUE
SHEET 10 OF 11

STA. 242 + 50.00 TO 247 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	40
WHA* 1189J16 ILLINOIS			CONTRACT 61E00	

MATCHLINE 247+50.00
MOEN AVENUE
SHEET 10 OF 11



LEGEND

	PAVEMENT REMOVAL		12" 12"	TREE REMOVAL AND SIZE (IN DIA.)
	REMOVAL OF EXISTING STRUCTURES			LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
	AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)			REMOVE OR RELOCATE ITEM
	DRIVEWAY ENTRANCE REMOVAL			ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-r-em-MOEN11.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOUET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

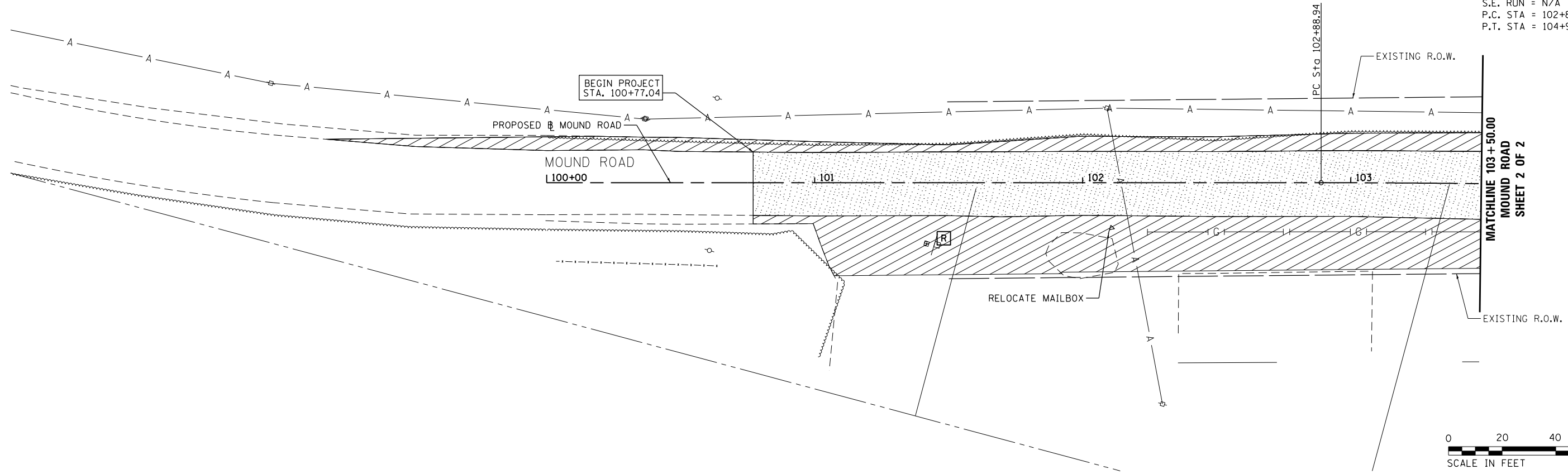
ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

**REMOVAL PLAN - MOEN AVENUE
SHEET 11 OF 11**

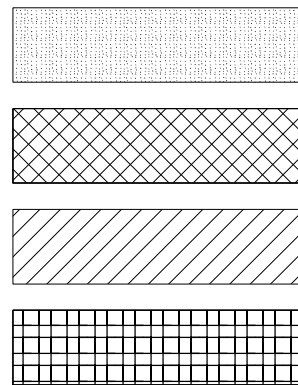
STA. 247 + 50.00 TO 249 + 65.25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	41
WHA* 1189J16 ILLINOIS			CONTRACT 61E00	

PROP. CURVE MDC1
 PI STA. = 103+92.54
 $\Delta = 2^\circ 22' 26''$ (RT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 103.60'$
 $L = 207.16'$
 $E = 1.07'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 102+88.94$
 $P.T. STA = 104+96.11$



LEGEND

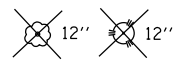


PAVEMENT REMOVAL

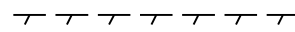
REMOVAL OF EXISTING STRUCTURES

AGGREGATE SHOULDER OR ENTRANCE REMOVAL
 (INCLUDED IN EARTH EXCAVATION)

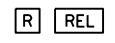
DRIVEWAY ENTRANCE REMOVAL



TREE REMOVAL AND SIZE (IN DIA.)



LINEAR REMOVAL ITEMS
 (GUARDRAIL, FENCES)



REMOVE OR RELOCATE ITEM



ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16-RK-Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-rem-MOUND1.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
 & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOUET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
 ROCKDALE, IL 60436

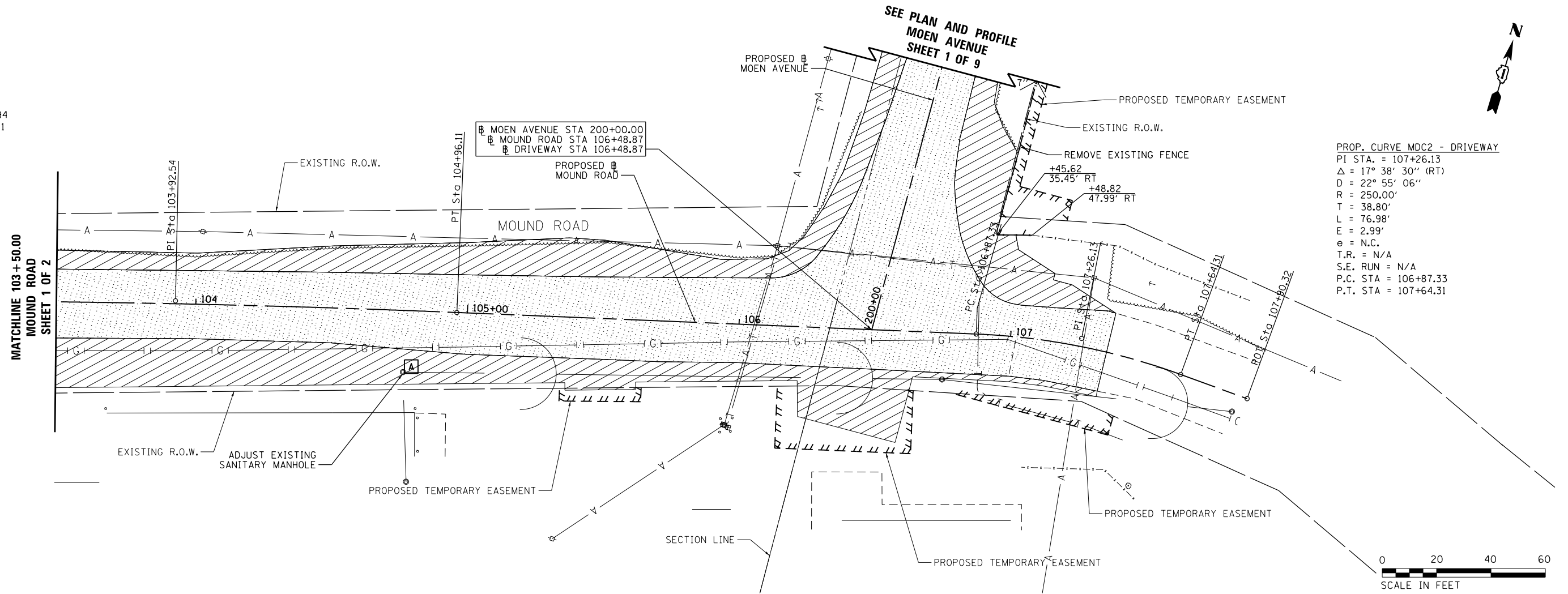
REMOVAL PLAN - MOUND ROAD
 SHEET 1 OF 2

STA. 100 + 77.04 TO 103 + 50.00

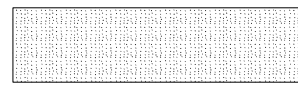
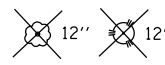
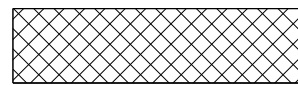
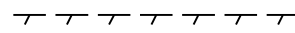
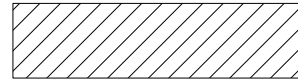

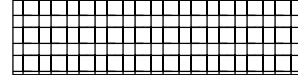

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	42
WHA* 1189J16 ILLINOIS			CONTRACT 61E00	

PROP. CURVE MDC1
 PI STA. = 103+92.54
 $\Delta = 2^\circ 22' 26''$ (RT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 103.60'$
 $L = 207.16'$
 $E = 1.07'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 102+88.94$
 $P.T. STA = 104+96.11$

PROP. CURVE MDC2 - DRIVEWAY
 PI STA. = 107+26.13
 $\Delta = 17^\circ 38' 30''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 38.80'$
 $L = 76.98'$
 $E = 2.99'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 106+87.33$
 $P.T. STA = 107+64.31$



LEGEND

	PAVEMENT REMOVAL		TREE REMOVAL AND SIZE (IN DIA.)
	REMOVAL OF EXISTING STRUCTURES		LINEAR REMOVAL ITEMS (GUARDRAIL, FENCES)
	AGGREGATE SHOULDER OR ENTRANCE REMOVAL (INCLUDED IN EARTH EXCAVATION)		REMOVE OR RELOCATE ITEM
	DRIVEWAY ENTRANCE REMOVAL		ADJUST ITEM

NOTES

REMOVAL OF PRECAST FLARED END SECTIONS SHALL BE PAID FOR AS STORM SEWER REMOVAL

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-rem-MOUND2.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN
 & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOUET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918



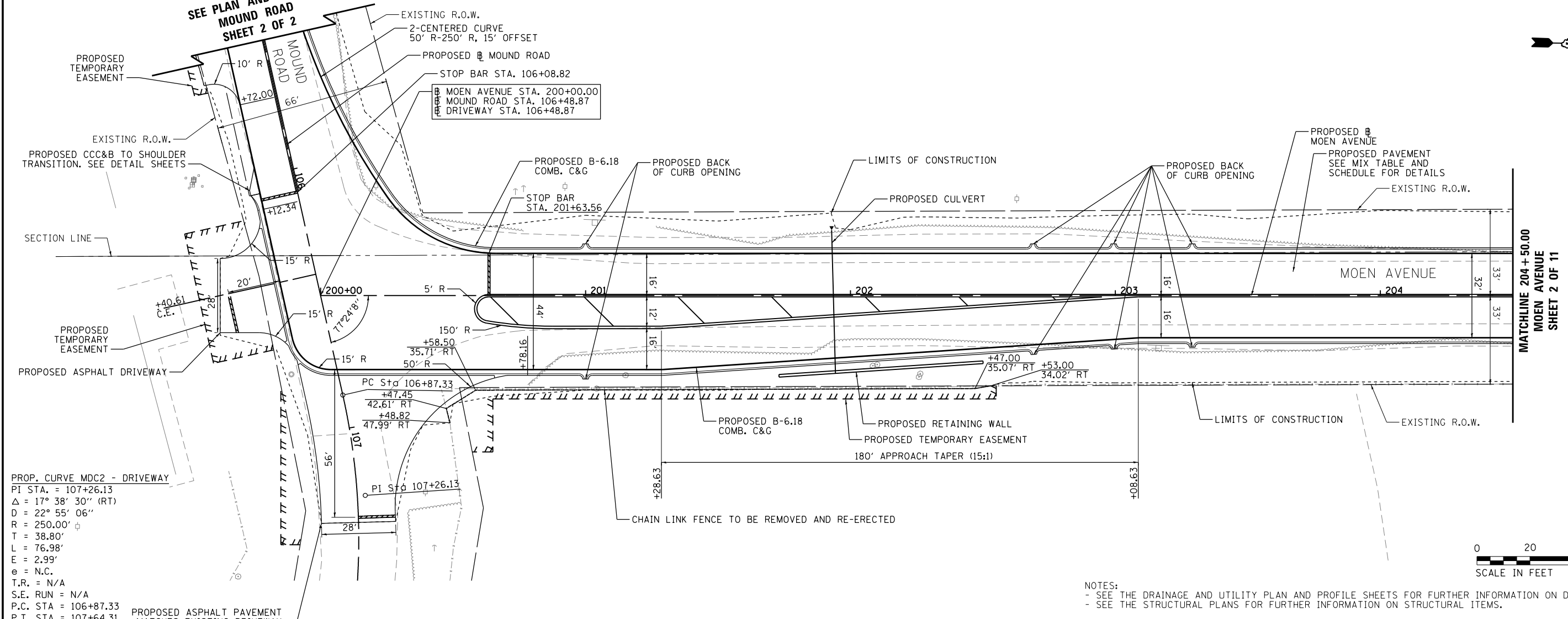
79 MOEN AVENUE
 ROCKDALE, IL 60436

REMOVAL PLAN - MOUND ROAD
 SHEET 2 OF 2

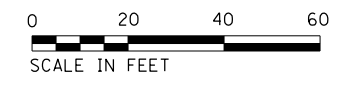
STA. 103 + 50.00 TO 107 + 90.32

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	43
CONTRACT 61E00			WHA* 1189J16 ILLINOIS	

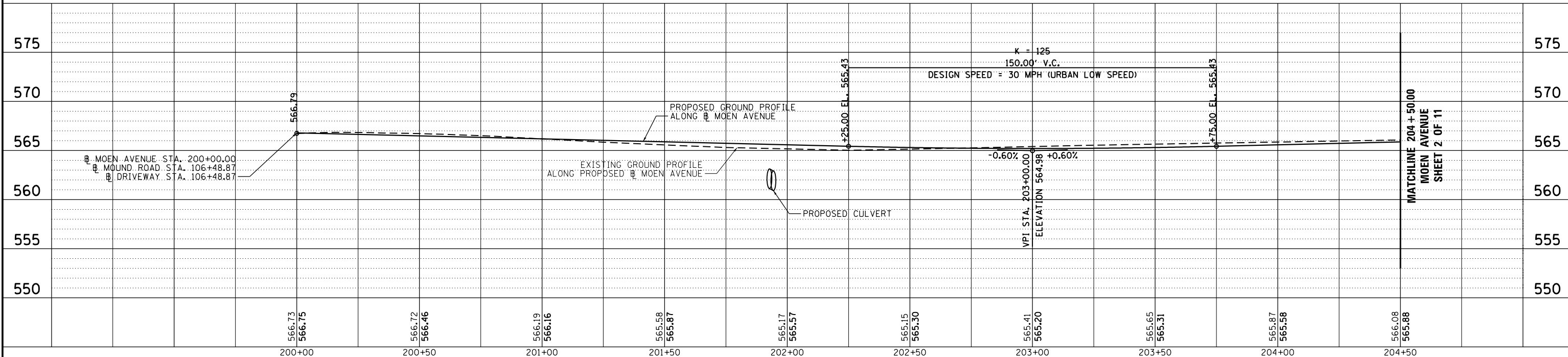
SEE PLAN AND PROFILE
MOUND ROAD
SHEET 2 OF 2



PROP. CURVE MDC2 - DRIVEWAY
 PI STA. = 107+26.13
 $\Delta = 17^\circ 38' 30''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 38.80'$
 $L = 76.98'$
 $E = 2.99'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 106+87.33$
 $P.T. STA = 107+64.31$



NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



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REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

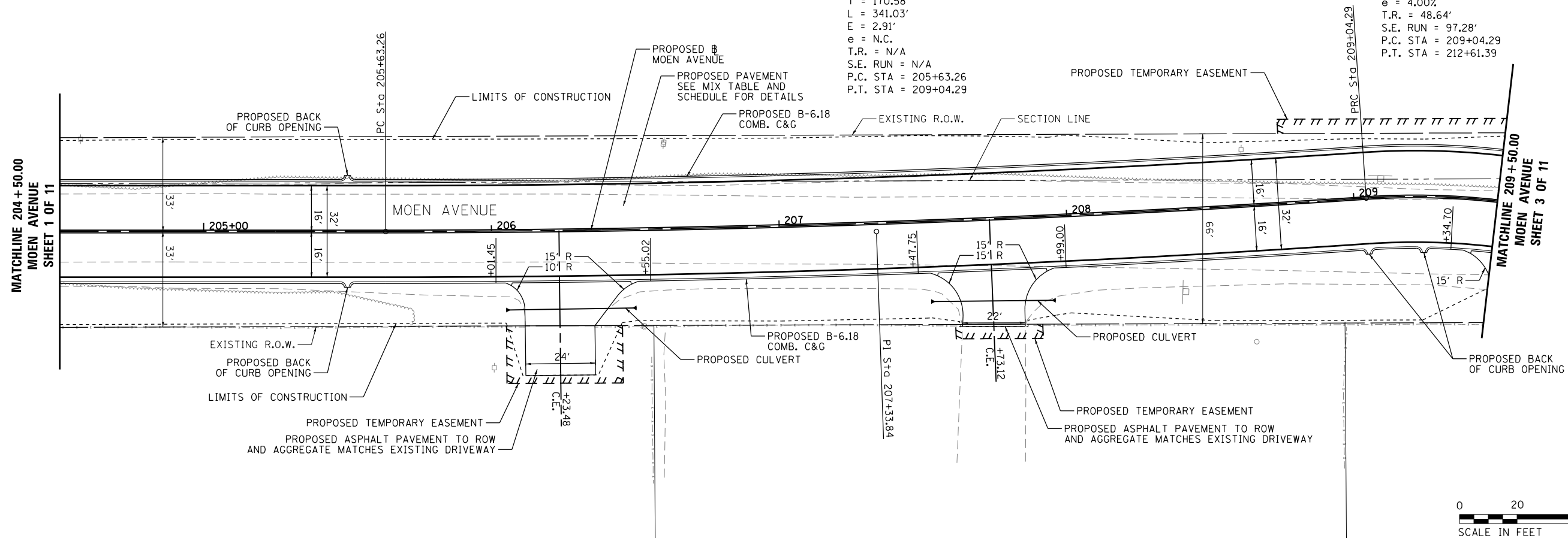
PLAN AND PROFILE - MOEN AVENUE
 SHEET 1 OF 11
 STA. 200 + 00.00 TO 204 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	44

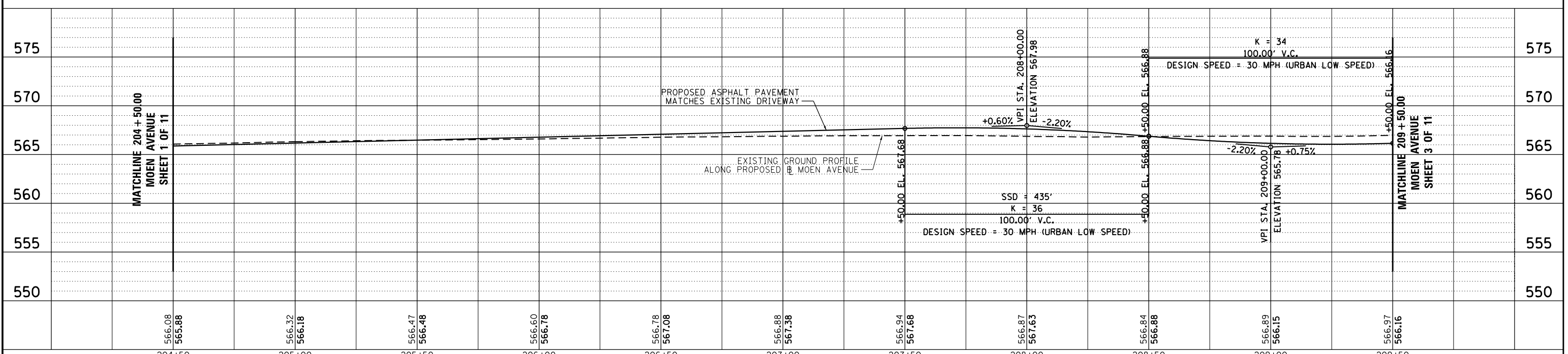
CONTRACT 61E00

PROP. CURVE MN200
 PI STA. = 211+21.00
 $\Delta = 81^\circ 50' 32''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 216.72'$
 $L = 357.10'$
 $E = 80.86'$
 $e = 4.00\%$
 $T.R. = 48.64'$
 $S.E. RUN = 97.28'$
 $P.C. STA = 209+04.29$
 $P.T. STA = 212+61.39$

PROP. CURVE MN100
 PI STA. = 207+33.84
 $\Delta = 3^\circ 54' 28''$ (LT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 170.58'$
 $L = 341.03'$
 $E = 2.91'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 205+63.26$
 $P.T. STA = 209+04.29$



NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-plnpr-f-MOEN2.dgn

REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
 & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
 ROCKDALE, IL 60436

PLAN AND PROFILE - MOEN AVENUE
 SHEET 2 OF 11

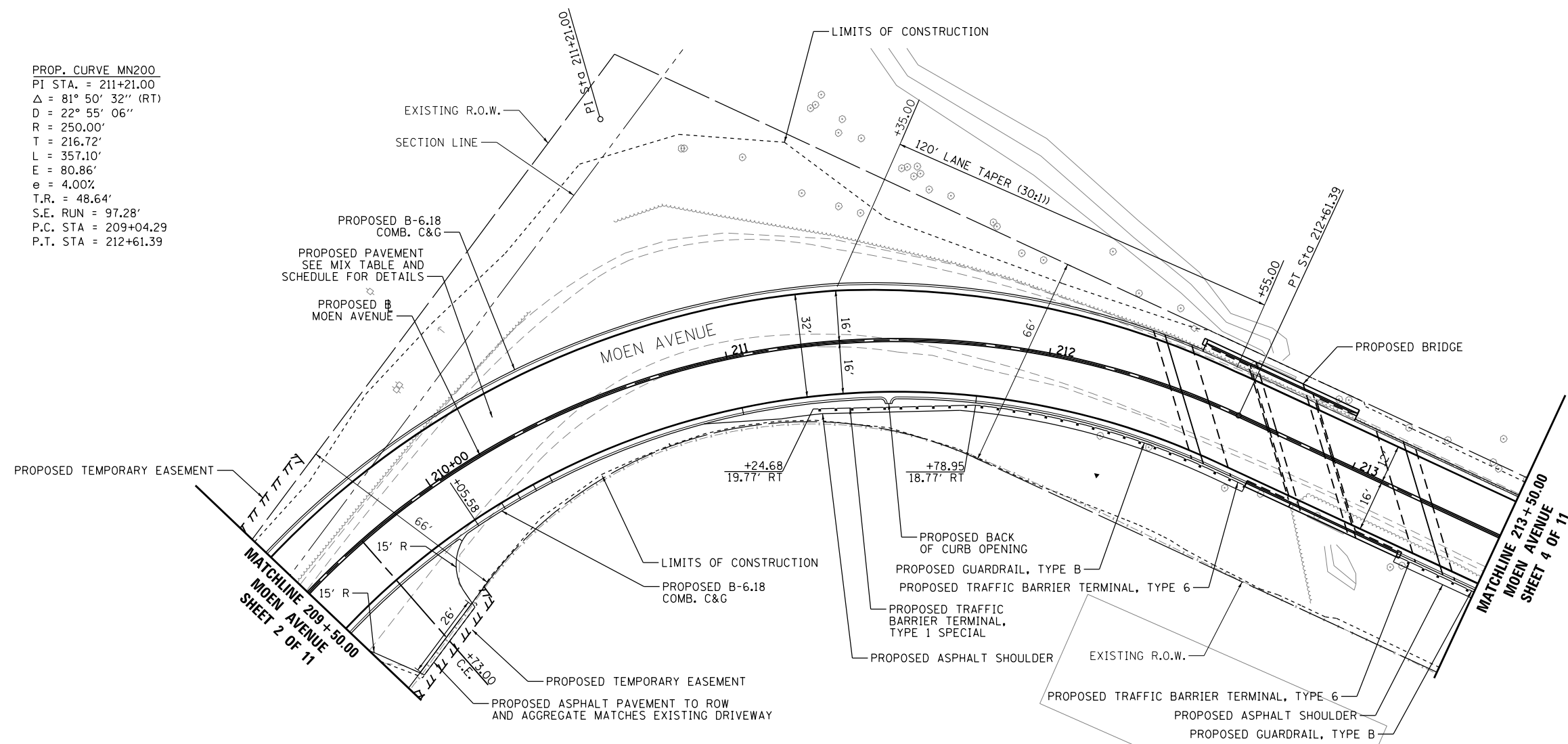
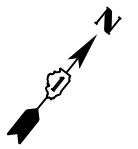
STA. 204 + 50.00 TO 209 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	45

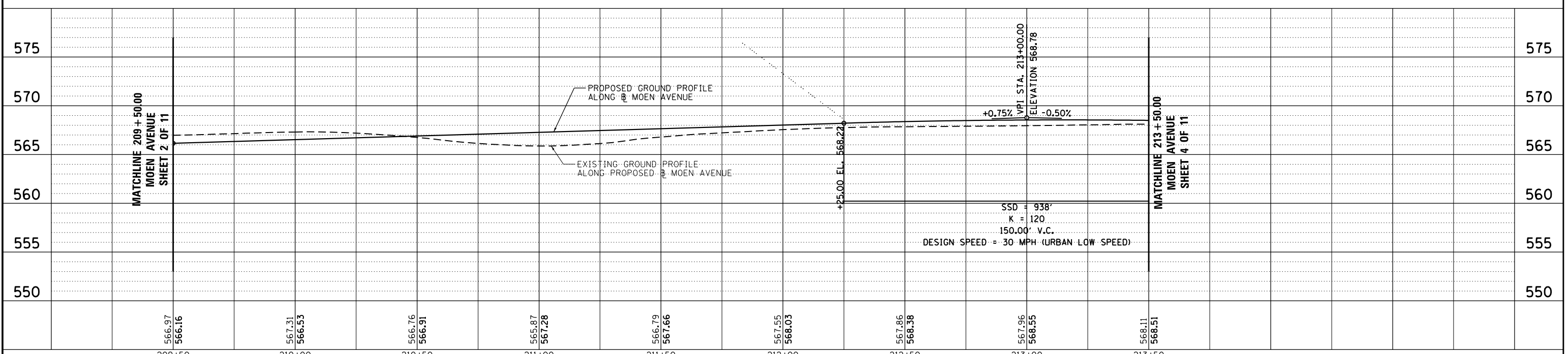
CONTRACT 61E00

WHA* 1189J16 | ILLINOIS

PROP. CURVE MN200
 PI STA. = 211+21.00
 $\Delta = 81^\circ 50' 32''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 216.72'$
 $L = 357.10'$
 $E = 80.86'$
 $e = 4.00\%$
 $T.R. = 48.64'$
 $S.E. RUN = 97.28'$
 $P.C. STA = 209+04.29$
 $P.T. STA = 212+61.39$



NOTE:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.
 - GUARDRAIL POST LOCATIONS SHALL NOT BLOCK THE CONVEYANCE OF ROADWAY DRAINAGE.



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REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
 & ASSOCIATES INC
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
 ROCKDALE, IL 60436

PLAN AND PROFILE - MOEN AVENUE
 SHEET 3 OF 11

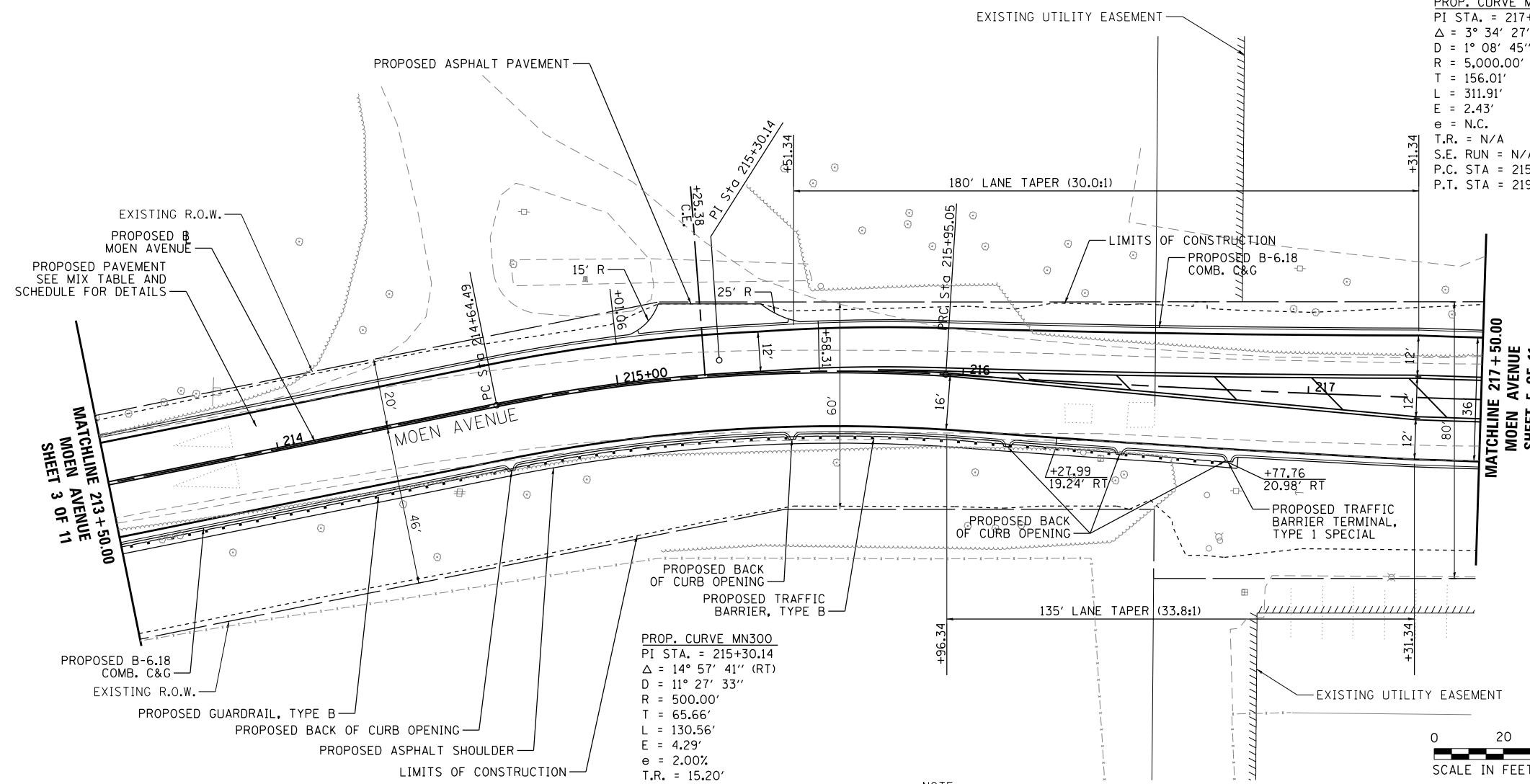
STA. 209 + 50.00 TO 213 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	46

CONTRACT 61E00

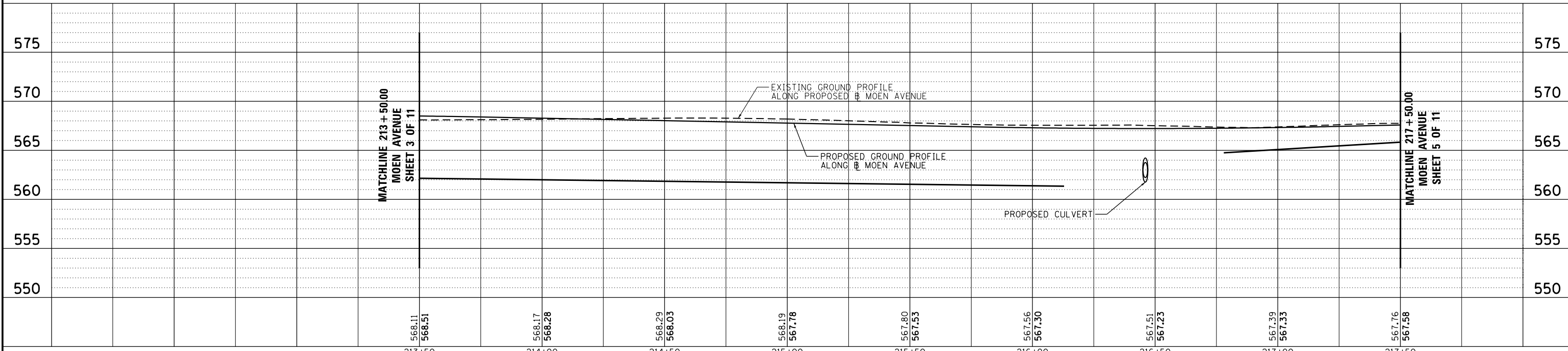
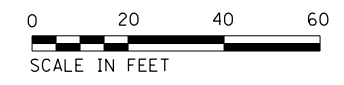
WHA* 1189J16 | ILLINOIS

PROP. CURVE MN400
 PI STA. = 217+51.06
 $\Delta = 3^\circ 34' 27''$ (LT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 156.01'$
 $L = 311.91'$
 $E = 2.43'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 215+95.05$
 $P.T. STA = 219+06.96$



PROP. CURVE MN300
 PI STA. = 215+30.14
 $\Delta = 14^\circ 57' 41''$ (RT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 65.66'$
 $L = 130.56'$
 $E = 4.29'$
 $e = 2.00\%$
 $T.R. = 15.20'$
 $S.E. RUN = 45.60'$
 $P.C. STA = 214+64.49$
 $P.T. STA = 215+95.05$

NOTE:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.
 - GUARDRAIL POST LOCATIONS SHALL NOT BLOCK THE CONVEYANCE OF ROADWAY DRAINAGE.



REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
 & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOUET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
 ROCKDALE, IL 60436

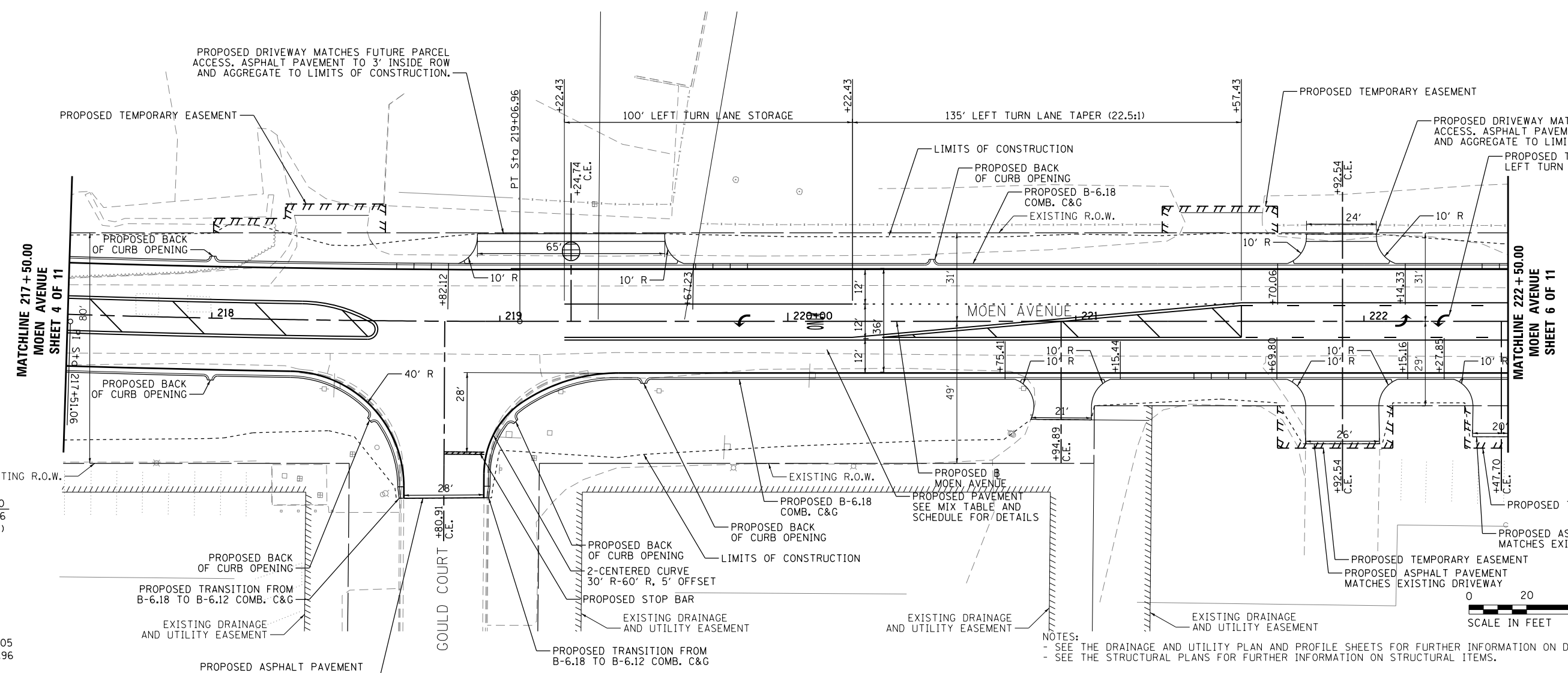
PLAN AND PROFILE - MOEN AVENUE
 SHEET 4 OF 11

STA. 213 + 50.00 TO 217 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	47

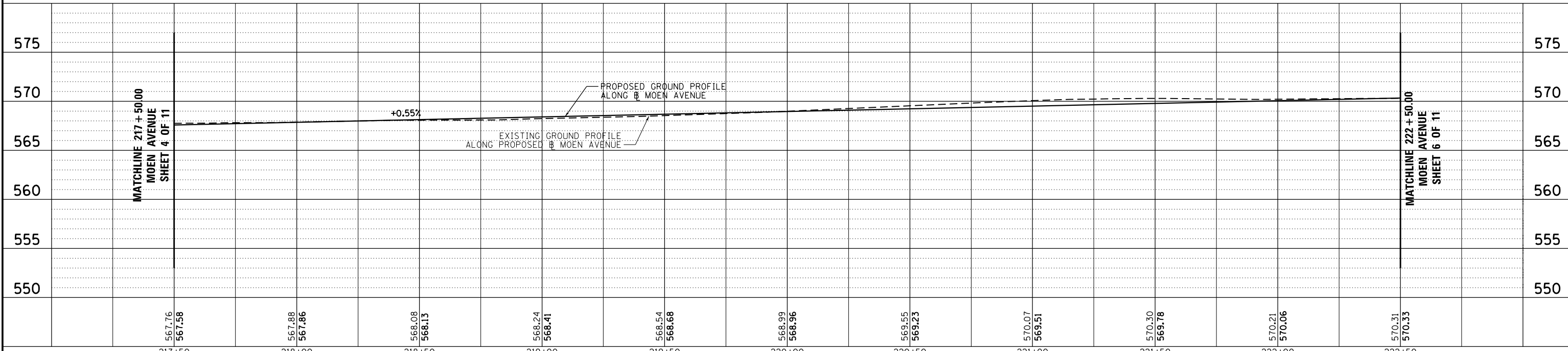
CONTRACT 61E00

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-plnpr-f-MOEN4.dgn



PROP. CURVE MN400
 PI STA. = 217+51.06
 $\Delta = 3^\circ 34' 27''$ (LT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 156.01'$
 $L = 311.91'$
 $E = 2.43'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 215+95.05$
 $P.T. STA = 219+06.96$

NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



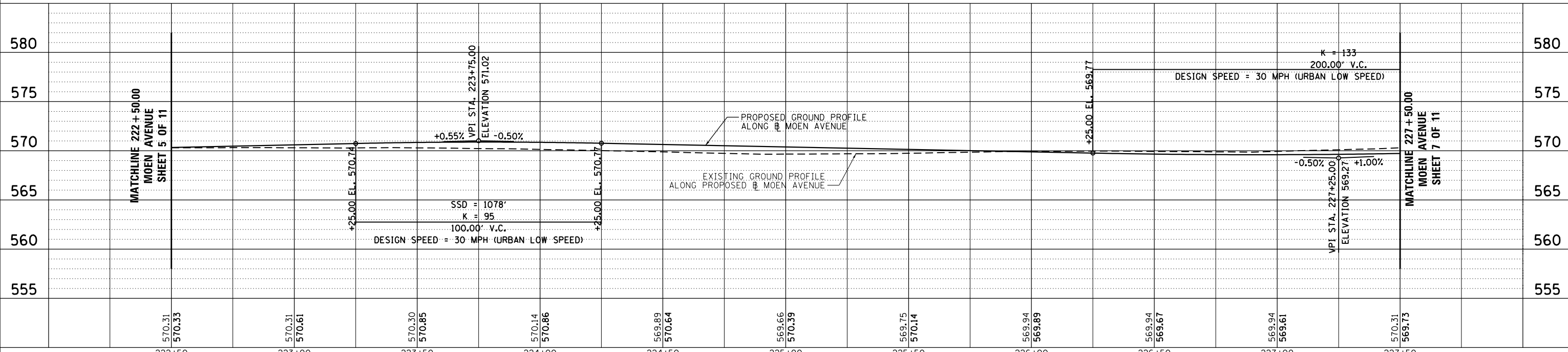
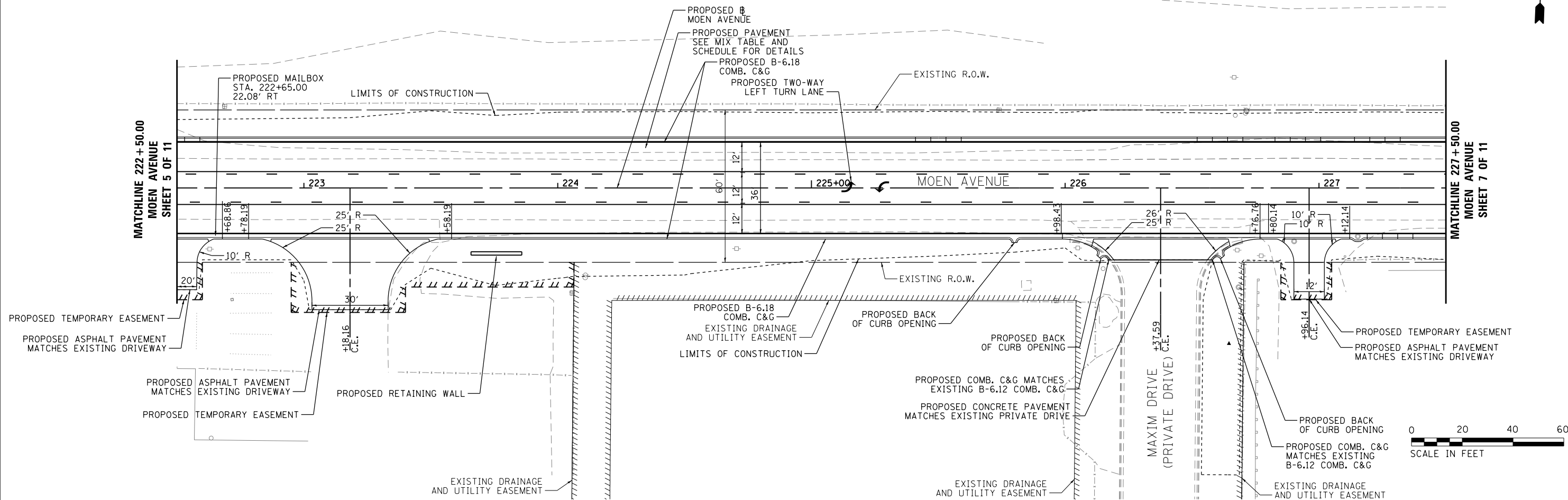
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REVISION	DATE	BY	REMARKS

217+50	218+00	218+50	219+00	219+50	220+00	220+50	221+00	221+50	222+00	222+50
567.76	567.88	568.08	568.24	568.54	568.99	569.55	570.07	570.30	570.21	570.31
567.58	567.86	568.13	568.41	568.68	568.96	569.23	569.51	569.78	570.06	570.33

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLET HOFMANN & ASSOCIATES INC ENGINEERING ARCHITECTURE LAND SURVEYING 1000 ESSINGTON ROAD, JOLETT, IL 60435 T: 815-729-2229 DESIGN FIRM: #184-000918	79 MOEN AVENUE ROCKDALE, IL 60436	PLAN AND PROFILE - MOEN AVENUE SHEET 5 OF 11 STA. 217 + 50.00 TO 222 + 50.00	F.A.U. RTE. 3795 SECTION 12-00029-00-PV COUNTY WILL TOTAL SHEETS 344 SHEET NO. 48 CONTRACT 61E00
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NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



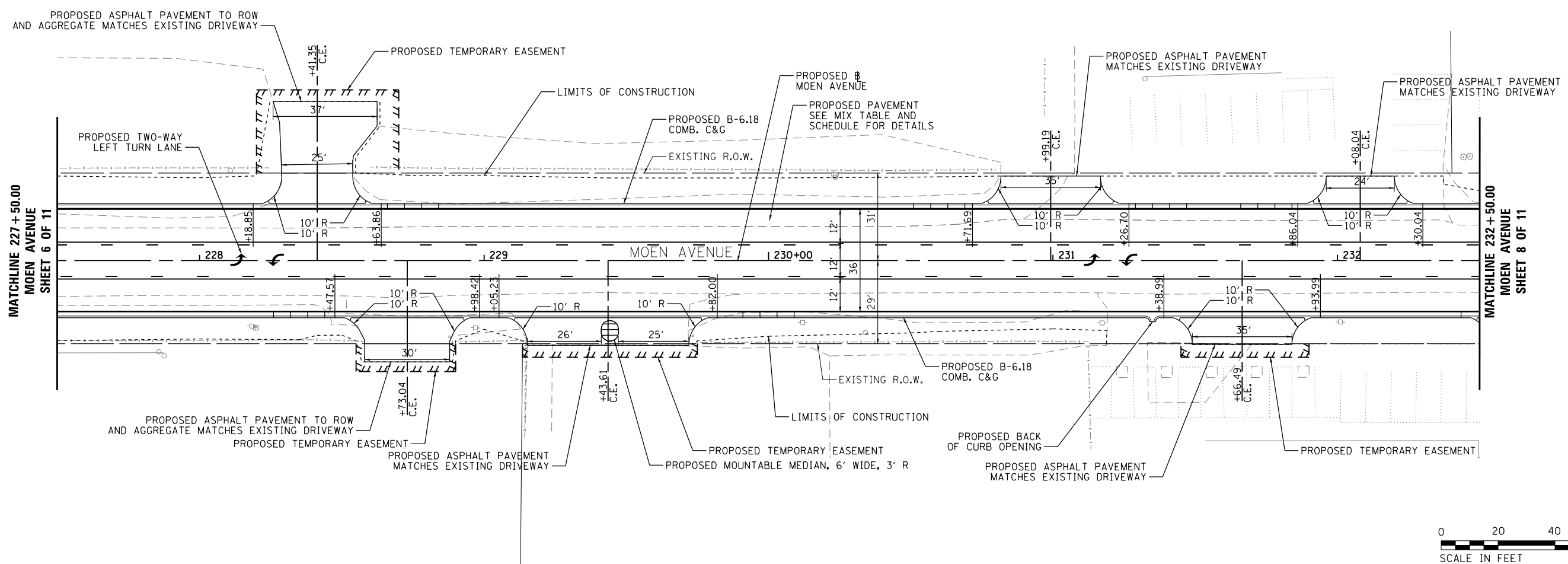
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REVISION	DATE	BY	REMARKS

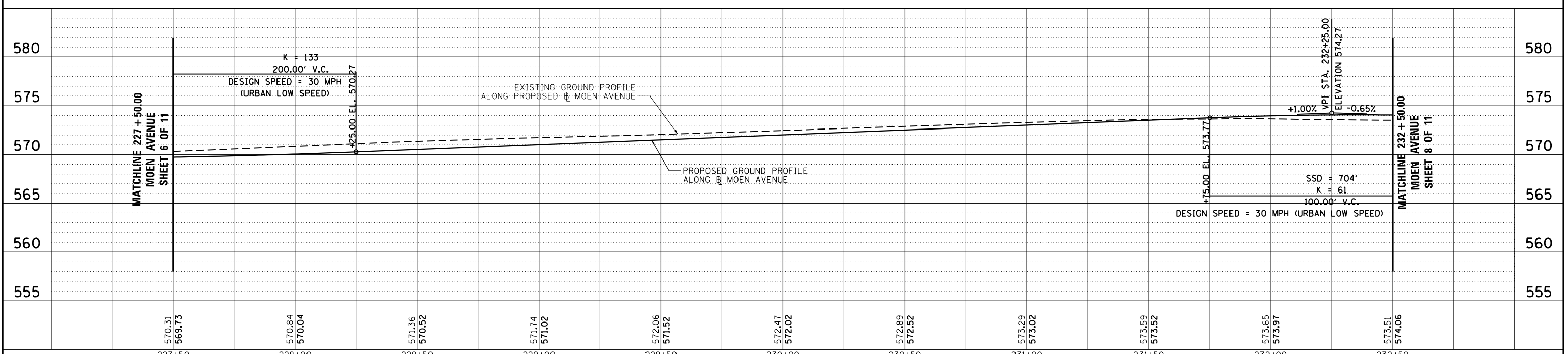
DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		 WILLET HOFMANN & ASSOCIATES INC. ENGINEERING ARCHITECTURE LAND SURVEYING 1000 ESSINGTON ROAD, JOLETT, IL 60435 T: 815-729-2229 DESIGN FIRM: #184-000918	 79 MOEN AVENUE ROCKDALE, IL 60436	PLAN AND PROFILE - MOEN AVENUE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. 222 + 50.00 TO 227 + 50.00				3795	12-00029-00-PV	WILL	344	49		

WHA* 1189J16	ILLINOIS
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NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
 & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLETT, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

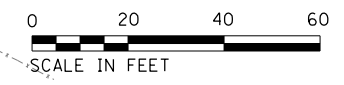
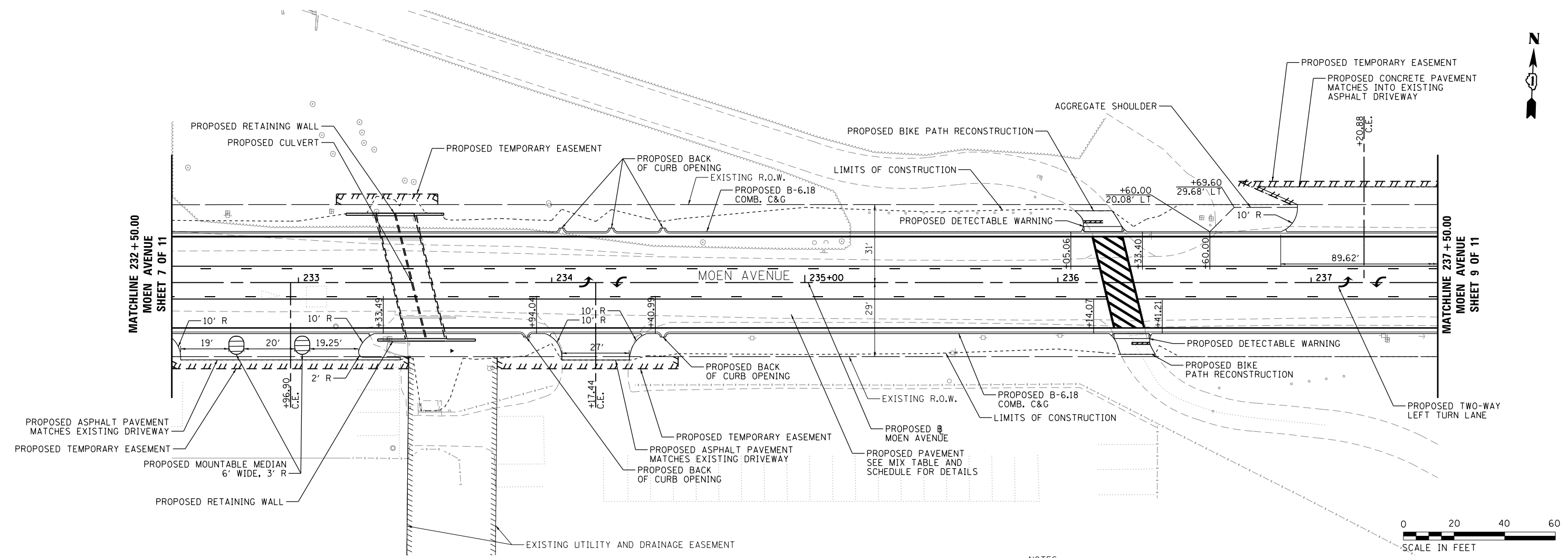


79 MOEN AVENUE
 ROCKDALE, IL 60436

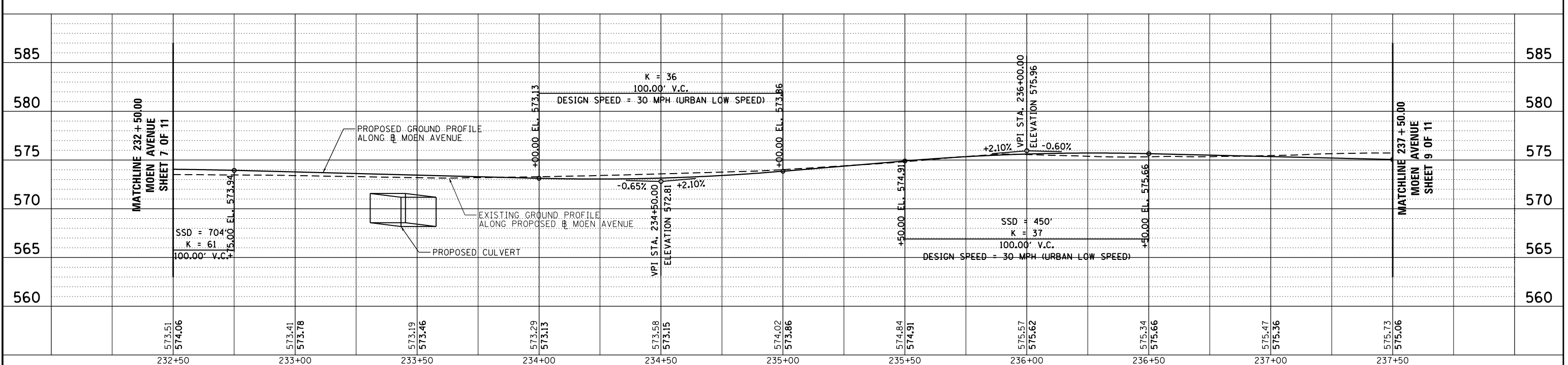
PLAN AND PROFILE - MOEN AVENUE
 SHEET 7 OF 11

STA. 227 + 50.00 TO 232 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	50
CONTRACT 61E00			WHA* 1189J16 ILLINOIS	



NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

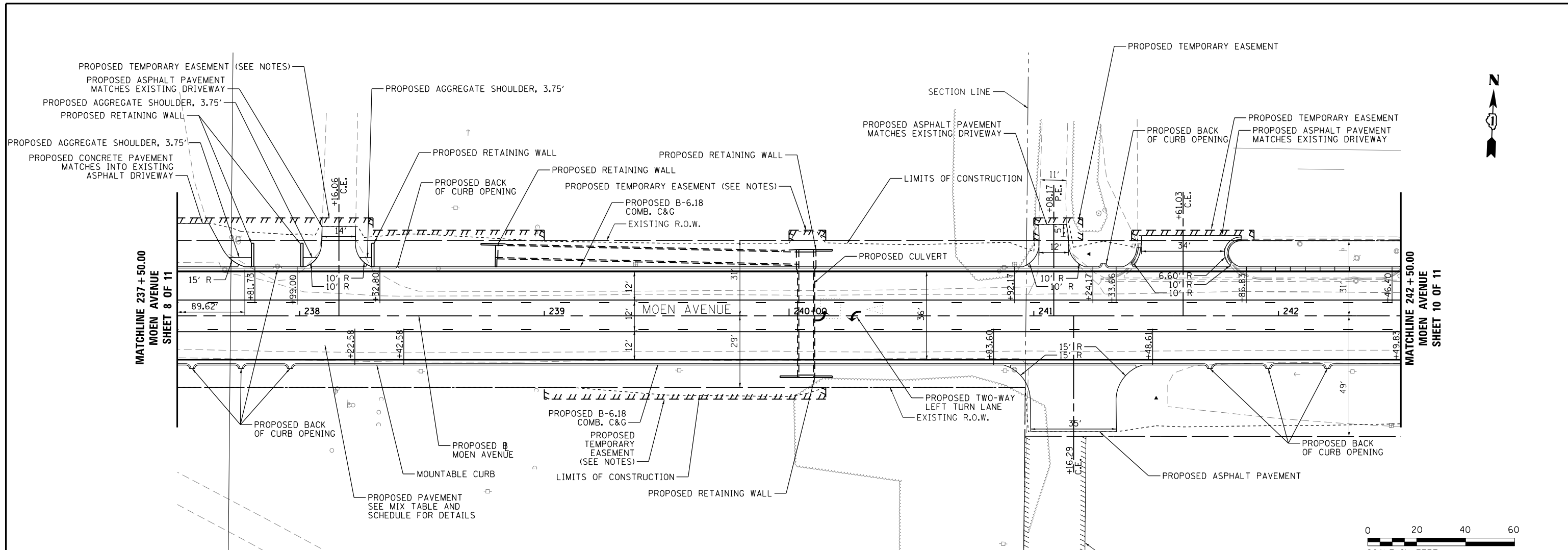
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLETT HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLETT, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-00918

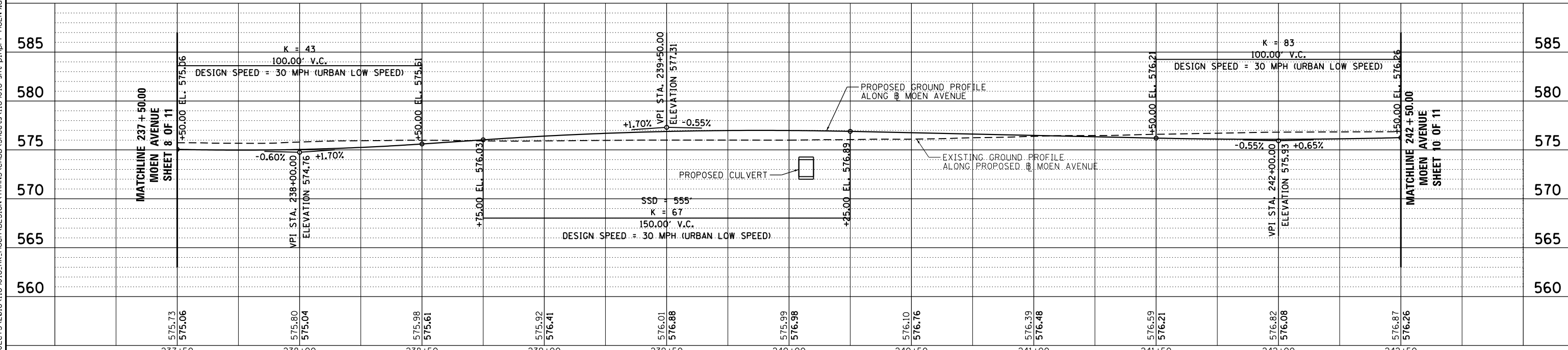
PLAN AND PROFILE - MOEN AVENUE
SHEET 8 OF 11
 STA. 232 + 50.00 TO 237 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	51
CONTRACT 61E00				

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-plnpr-f-MOEN9.dgn



NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.
 - COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISIONS AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.



REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

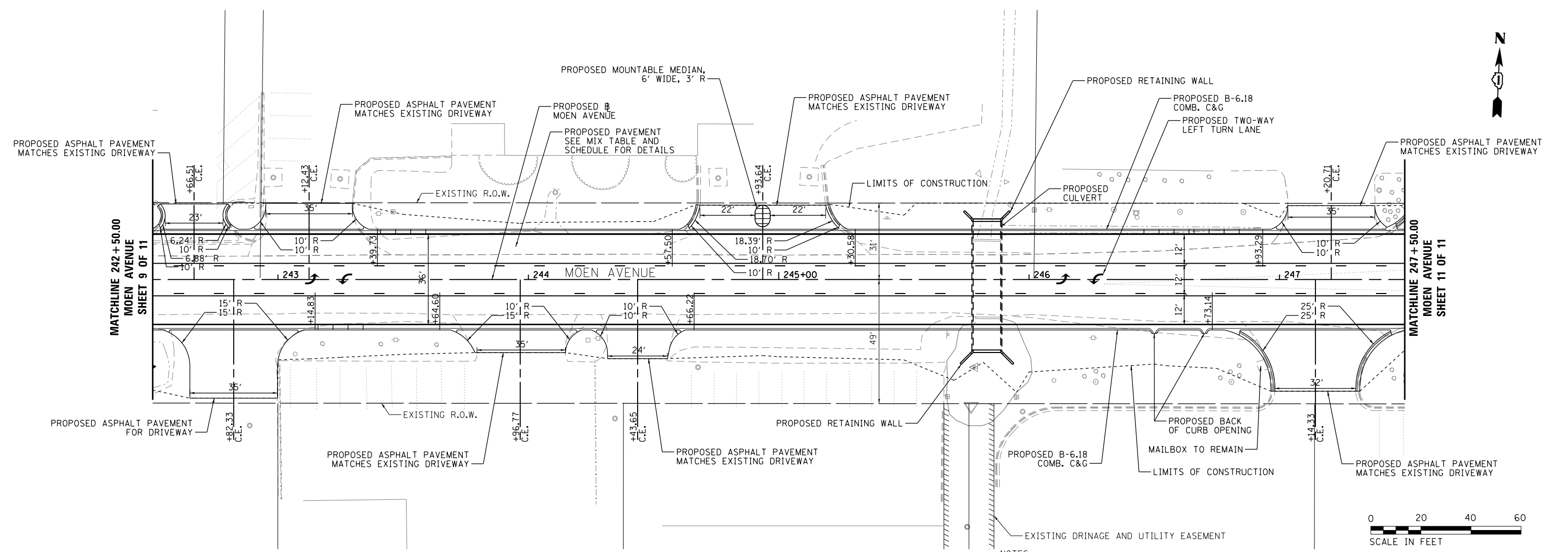
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WILLETT HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOUET, IL 60415
 T: 315-729-2229 DESIGN FIRM: #184-000118

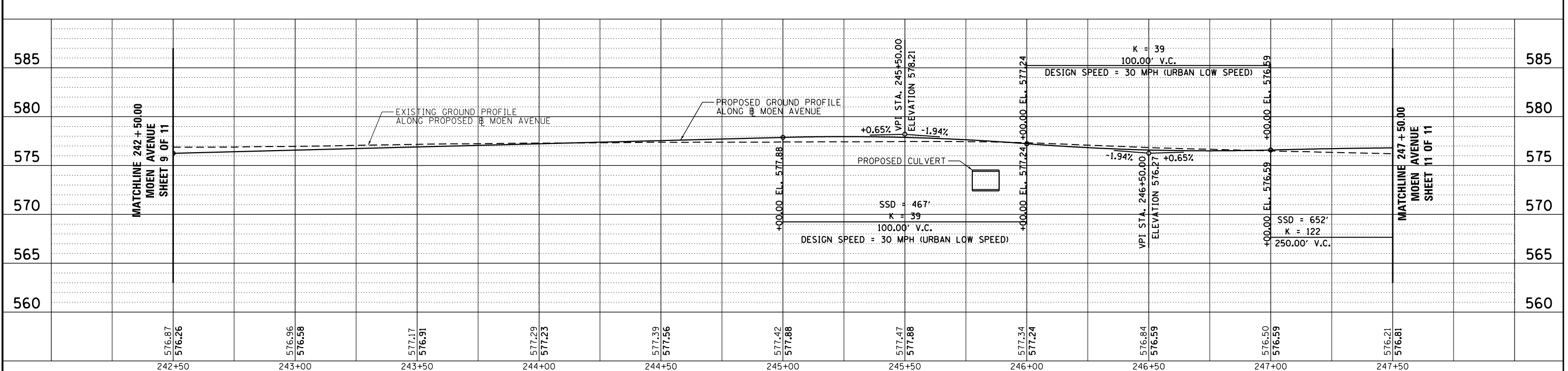
ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

PLAN AND PROFILE - MOEN AVENUE
 SHEET 9 OF 11
 STA. 237 + 50.00 TO 242 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	52
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			



NOTES:
- SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
- SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

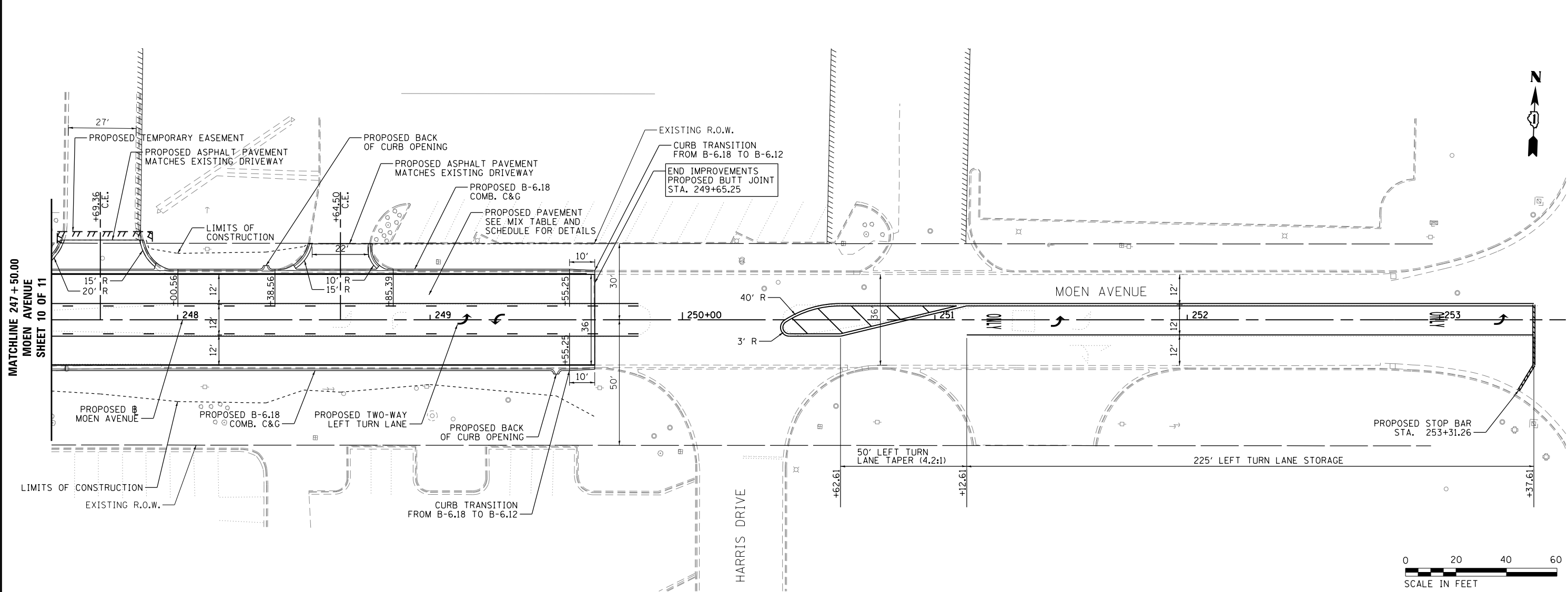
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLETT, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

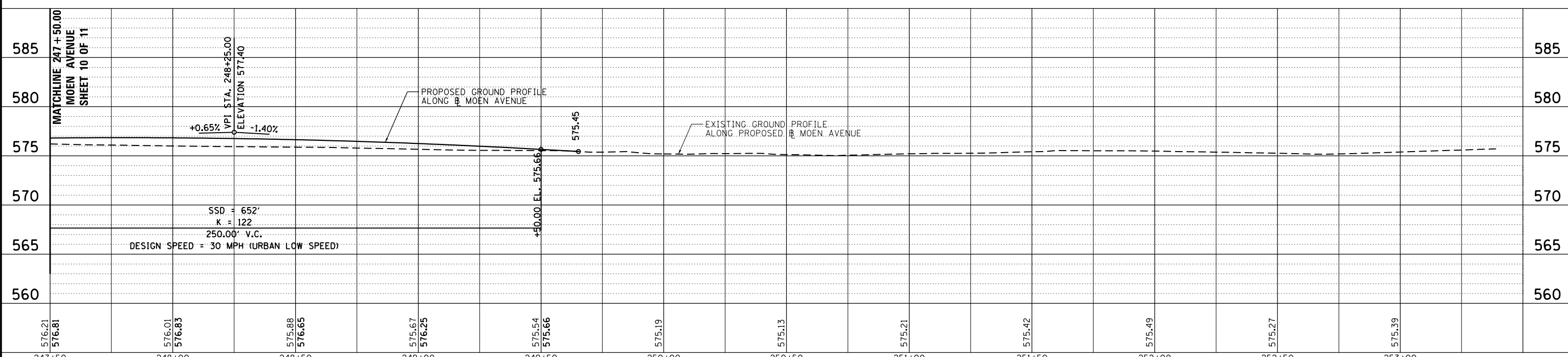
ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

PLAN AND PROFILE - MOEN AVENUE
SHEET 10 OF 11
STA. 242 + 50.00 TO 247 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	53
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			



NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



REVISION	DATE	BY	REMARKS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

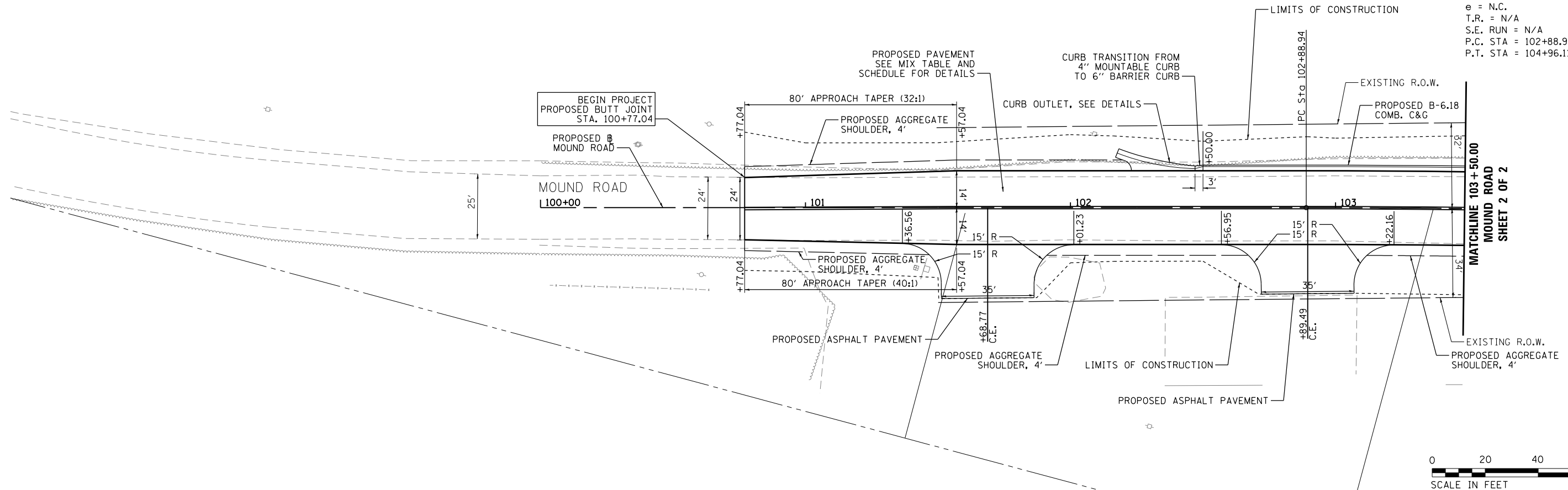
PLAN AND PROFILE - MOEN AVENUE
SHEET 11 OF 11

STA. 247 + 50.00 TO 249 + 65.25

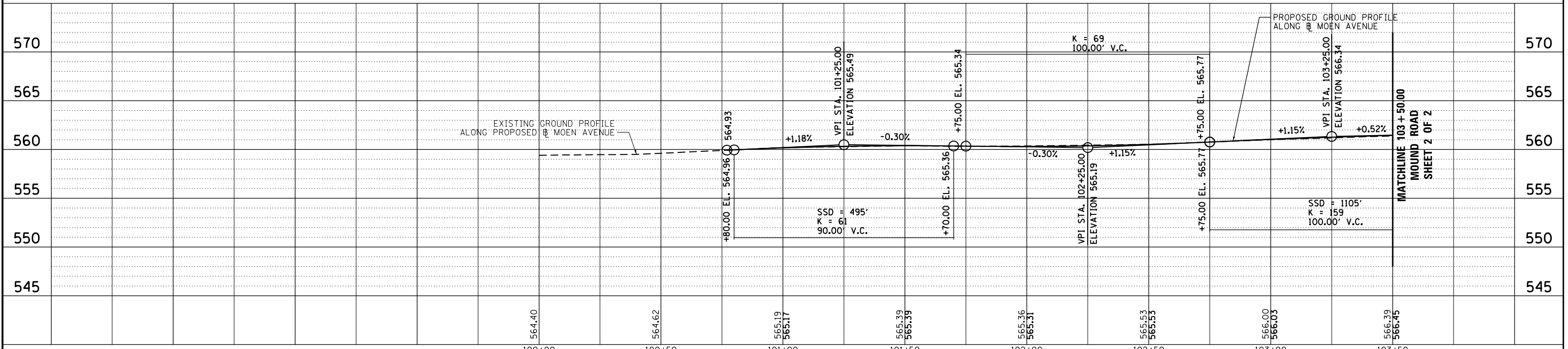
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	54
CONTRACT 61E00				

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-plnpr-f-MOEN11.dgn

PROP. CURVE MDC1
 PI STA. = 103+92.54
 $\Delta = 2^\circ 22' 26''$ (RT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 103.60'$
 $L = 207.16'$
 $E = 1.07'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 102+88.94$
 $P.T. STA = 104+96.11$



NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-plnpr-f-MOUND1.dgn

REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
 & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918



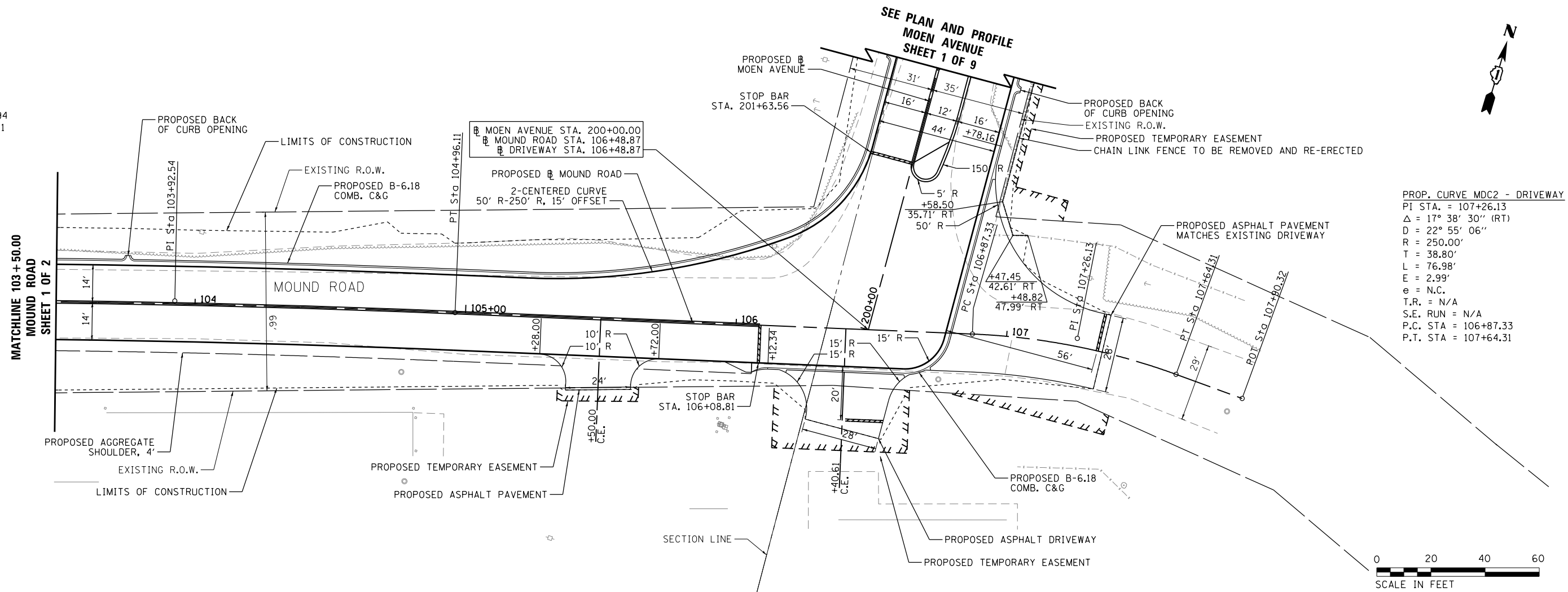
79 MOEN AVENUE
 ROCKDALE, IL 60436

PLAN AND PROFILE - MOUND ROAD
 SHEET 1 OF 2

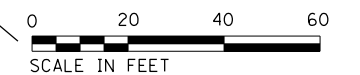
STA. 100 + 77.04 TO 103 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	55
CONTRACT 61E00				

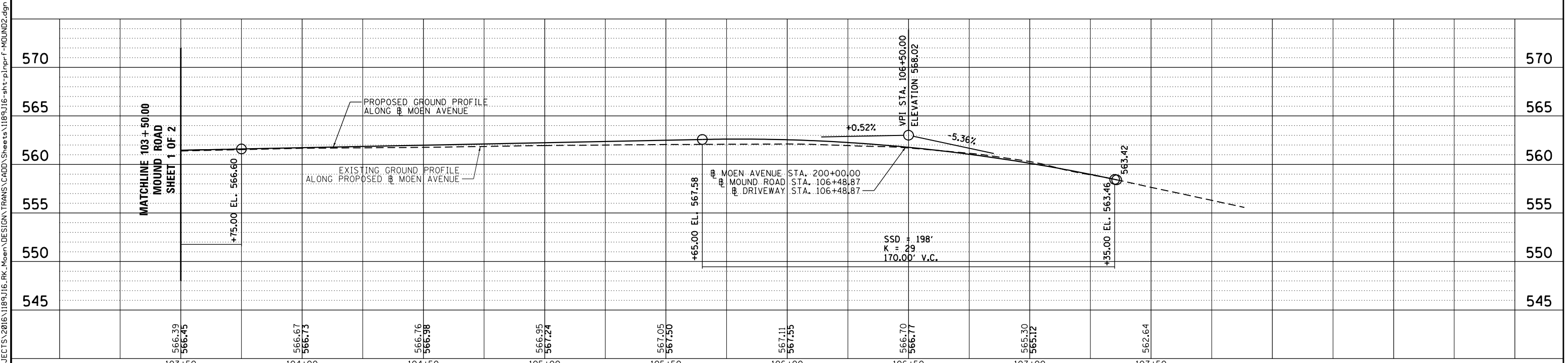
PROP. CURVE MDC1
 PI STA. = 103+92.54
 $\Delta = 2^\circ 22' 26''$ (RT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 103.60'$
 $L = 207.16'$
 $E = 1.07'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 102+88.94$
 $P.T. STA = 104+96.11$



PROP. CURVE MDC2 - DRIVEWAY
 PI STA. = 107+26.13
 $\Delta = 17^\circ 38' 30''$ (RT)
 $D = 22^\circ 55' 06''$
 $R = 250.00'$
 $T = 38.80'$
 $L = 76.98'$
 $E = 2.99'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 106+87.33$
 $P.T. STA = 107+64.31$



NOTES:
 - SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE SHEETS FOR FURTHER INFORMATION ON DRAINAGE ITEMS.
 - SEE THE STRUCTURAL PLANS FOR FURTHER INFORMATION ON STRUCTURAL ITEMS.



REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

PLAN AND PROFILE - MOUND ROAD
 SHEET 2 OF 2
 STA. 103 + 50.00 TO 107 + 90.32

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	56
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-plnpr-f-MOUND2.dgn

GENERAL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
2. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
3. DRUMS, VERTICAL PANELS, TYPE II BARRICADES, AND DELINEATORS SHALL BE EQUIPPED WITH LIGHTS AND PLACED AT INTERVALS ACCORDING TO STANDARDS 701006, 701501, AND 701502, SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS SHORT TERM PAVEMENT MARKING REMOVAL, PAVEMENT MARKING REMOVAL - GRINDING, OR PAVEMENT MARKING REMOVAL - WATER BLASTING.
5. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.
6. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS SHALL ALSO BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE ROADWAY DURING ALL STAGES OF CONSTRUCTION. THE COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
8. THE PERMANENT TRAFFIC CONTROL DEPICTED HEREIN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) UNLESS OTHERWISE INDICATED IN THE PLANS OR SPECIAL PROVISIONS.
9. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING MOUNTED WITH THE WARNING SIGNS SHALL HAVE BLACK LEGENDS AND BORDERS ON FLORESCENT ORANGE REFLECTIVE SHEETING.
10. ALL CONSTRUCTION SIGNS, BARRICADES, AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED, AND MAINTAINED BY THE CONTRACTOR.
11. PRIOR TO INSTALLING POST MOUNTED SIGNS, THE CONSTRUCTOR SHALL CONTACT J.U.L.I.E.
12. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3" BY 6" DELINEATOR INSTALLED COLOR AS SPECIFIED BY THE ENGINEER. PAYMENT FOR THIS WORK IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
13. TRAFFIC CONTROL SHEETS DO NOT SHOW ALL THE SIGNS REQUIRED FOR LANE CLOSURES. REFER TO THE APPROPRIATE HIGHWAY STANDARDS FOR ADDITIONAL SIGNS TO BE PLACED.
14. "CAUTION NEW LANES STOP HERE" SIGNS SHALL BE INSTALLED ON THE SIDE OF THE ROAD WHERE TRAFFIC IS MOVED CLOSER FOR A PERIOD OF TWO WEEKS UPON INITIALIZING THE STAGE.
15. TEMPORARY PAVEMENT ELEVATION SHALL MATCH EXISTING PAVEMENT CROSS SLOPE TO A MAXIMUM OF 2% CROSS SLOPE.
16. CONTRACTOR SHALL INSTALL A 2' EARTH SHOULDER AT 4% ALONG TEMPORARY PAVEMENT UNLESS PLANS AND CROSS SECTIONS SHOW OTHERWISE.
17. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED WITH 4" HMA BINDER COURSE, IL-19 WITH 8" AGGREGATE BASE COURSE, TYPE B.
18. SEE STAGING CROSS SECTIONS FOR STAGE 1 TEMPORARY PAVEMENT AND GRADING.
19. CONTRACTOR SHALL VERIFY PAVEMENT THICKNESS AT ENTRANCES TO VERIFY THEY MEET TEMPORARY PAVEMENT REQUIREMENTS.
20. IF A PROPOSED CULVERT OR PIPES REQUIRES AN INLET OR MANHOLE LOCATED UNDER TEMPORARY PAVEMENT, THE DRAINAGE STRUCTURE AND PIPES ARE TO BE PLATED, CAPPED, AND PLUGGED UNTIL TEMPORARY PAVEMENT IS REMOVED AND ALLOWS FOR THE COMPLETION OF THE DRAINAGE STRUCTURE CONSTRUCTION.

PRE-STAGE

TRAFFIC:
EASTBOUND AND WESTBOUND TRAFFIC IS MAINTAINED WITHIN EXISTING TRAFFIC LANES. ACCESS IS MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

CONSTRUCTION:
RELOCATE UTILITIES AND CONSTRUCT PIPES THAT CROSS MOEN AVENUE. IF A PROPOSED PIPE REQUIRES AN INLET OR MANHOLE LOCATED UNDER TEMPORARY PAVEMENT, THE DRAINAGE STRUCTURE AND PIPES ARE TO BE PLATED, CAPPED, AND PLUGGED UNTIL TEMPORARY PAVEMENT IS REMOVED AND ALLOWS FOR THE COMPLETION OF THE DRAINAGE STRUCTURE CONSTRUCTION. CONSTRUCTION WORK IS TO BE MAINTAINED BETWEEN 7 AM AND 7 PM.

STAGE 1

TRAFFIC:
EASTBOUND AND WESTBOUND TRAFFIC IS SHIFTED TO SOUTH AND EAST SIDES OF THE EXISTING ROADWAY. ACCESS IS MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

CONSTRUCTION:
CONSTRUCT TEMPORARY PAVEMENT ON THE NORTH AND WEST SIDES OF MOUND ROAD AND MOEN AVENUE. CULVERTS ARE TO BE EXTENDED TO MAINTAIN EXISTING DRAINAGE PATTERNS. CONSTRUCTION WORK IS TO BE MAINTAINED BETWEEN 7 AM AND 7 PM.

STAGE 2

TRAFFIC:
EASTBOUND TRAFFIC IS MOVED ONTO THE TEMPORARY PAVEMENT AND EXISTING PAVEMENT ON THE NORTH AND WEST SIDES OF MOEN AVENUE AND MOUND ROAD FROM THE WESTERN PROJECT LIMITS TO EAST OF GOULD COURT. WESTBOUND AND SOUTHBOUND TRAFFIC IS CLOSED FROM THE WESTERN PROJECT LIMITS TO GOULD COURT. TRAFFIC IS TO USE IL ROUTE 7, U.S. ROUTE 6, AND HOLLYWOOD ROAD TO ACCESS MOEN AVENUE AND MOUND ROAD. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

CONSTRUCTION:
CONSTRUCT THE PROPOSED IMPROVEMENT SOUTH AND EAST OF THE PROPOSED BASELINE FROM THE WESTERN CONSTRUCTION LIMIT TO WEST OF GOULD COURT. PROPOSED PAVEMENT IS TO BE CONSTRUCTED UP TO THE FINAL 2" PAVEMENT LIFT. CONSTRUCTION WORK IS TO BE MAINTAINED BETWEEN 7 AM AND 7 PM.

STAGE 3

TRAFFIC:
EASTBOUND TRAFFIC IS MOVED ONTO THE NEWLY CONSTRUCTED PAVEMENT ON THE SOUTH AND EAST SIDES OF MOEN AVENUE AND MOUND ROAD. THE DETOUR IS MAINTAINED FROM THE WESTERN PROJECT LIMITS TO GOULD COURT. TRAFFIC IS TO USE IL ROUTE 7, U.S. ROUTE 6, AND HOLLYWOOD ROAD TO ACCESS MOEN AVENUE AND MOUND ROAD. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

CONSTRUCTION:
REMOVE THE TEMPORARY PAVEMENT FROM THE WESTERN PROJECT LIMITS TO WEST OF GOULD COURT. CONSTRUCT PROPOSED IMPROVEMENTS NORTH AND WEST OF THE PROPOSED BASELINE FROM THE WESTERN PROJECT LIMITS TO APPROXIMATELY GOULD COURT. PROPOSED PAVEMENT IS TO BE CONSTRUCTED UP TO THE FINAL 2" PAVEMENT LIFT. CONSTRUCTION WORK IS TO BE MAINTAINED BETWEEN 7 AM AND 7 PM.

STAGE 4

TRAFFIC:
WESTBOUND TRAFFIC IS MOVED ONTO THE NEWLY CONSTRUCTED PAVEMENT AND THE DETOUR ENDS. EASTBOUND TRAFFIC IS MOVED ADJACENT TO THE WESTBOUND TRAFFIC TO WEST OF GOULD COURT, AND MAINTAINED ON THE NEWLY CONSTRUCTED PAVEMENT FROM THE WESTERN PROJECT TO WEST OF GOULD COURT. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

CONSTRUCTION:
FROM WEST OF GOULD COURT TO THE EASTERN CONSTRUCTION LIMIT, THE PROPOSED IMPROVEMENTS ARE TO CONSTRUCTED FROM 4' SOUTH OF THE PROPOSED BASELINE TO THE SOUTH. CONSTRUCTION WORK IS TO BE MAINTAINED BETWEEN 7 AM AND 7 PM.

STAGE 5

TRAFFIC:
WESTBOUND TRAFFIC IS MAINTAINED ON THE TEMPORARY PAVEMENT ON THE NORTH SIDE OF MOEN AVENUE. EASTBOUND TRAFFIC IS MOVED TO THE NEWLY CONSTRUCTED PAVEMENT ON THE SOUTH SIDE OF MOEN AVENUE. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

CONSTRUCTION:
CONSTRUCT 12 FEET OF THE PROPOSED IMPROVEMENTS BETWEEN THE EASTBOUND AND WESTBOUND TRAFFIC FROM WEST OF GOULD COURT TO THE EASTERN PROJECT LIMITS. CONSTRUCTION WORK IS TO BE MAINTAINED BETWEEN 7 AM AND 7 PM.

STAGE 6

TRAFFIC:
EASTBOUND TRAFFIC IS MAINTAINED ON THE SOUTH SIDE OF MOEN AVENUE. WESTBOUND TRAFFIC IS MOVED TO THE NEWLY CONSTRUCTED PAVEMENT ADJACENT TO THE EASTBOUND TRAFFIC. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

CONSTRUCTION:
CONSTRUCT THE REMAINING PROPOSED IMPROVEMENTS ON THE NORTH OF MOEN AVENUE FROM WEST OF GOULD COURT TO THE EASTERN PROJECT LIMITS. CONSTRUCTION WORK IS TO BE MAINTAINED BETWEEN 7 AM AND 7 PM.

STAGE 7

TRAFFIC:
ALL OF THE NEWLY CONSTRUCTED PAVEMENT IS AVAILABLE FOR EASTBOUND AND WESTBOUND TRAFFIC. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

CONSTRUCTION:
CONSTRUCT THE FINAL 2" PAVEMENT LIFT TO THE PROPOSED FINAL PAVEMENT GRADE. CONSTRUCTION WORK IS TO BE MAINTAINED BETWEEN 7 AM AND 7 PM.

POST-STAGE

TRAFFIC:
ALL OF THE NEWLY CONSTRUCTED PAVEMENT IS AVAILABLE FOR EASTBOUND AND WESTBOUND TRAFFIC. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

CONSTRUCTION:
PAVEMENT MARKINGS ARE PLACED ONTO THE NEWLY CONSTRUCTED PAVEMENT. FINAL GRADING AND LANDSCAPING OUTSIDE THE NEWLY CONSTRUCTED PAVEMENT ARE COMPLETED. CONSTRUCTION WORK IS TO MAINTAINED BETWEEN 7 AM AND 7 PM.

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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN & ASSOCIATES INC.
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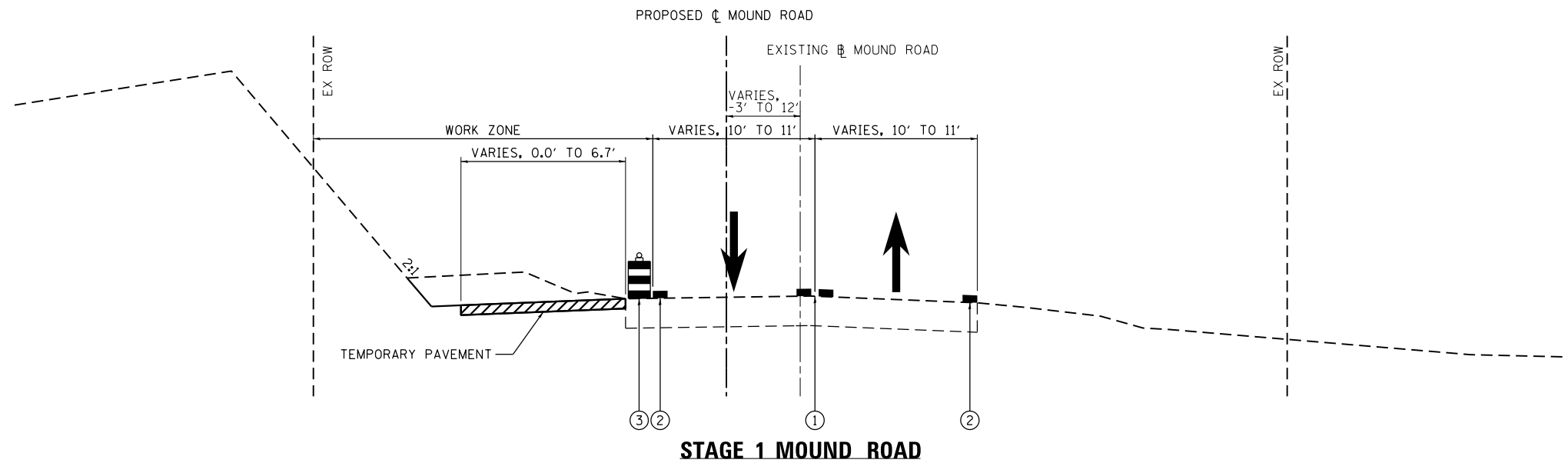


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ROCKDALE, IL 60436

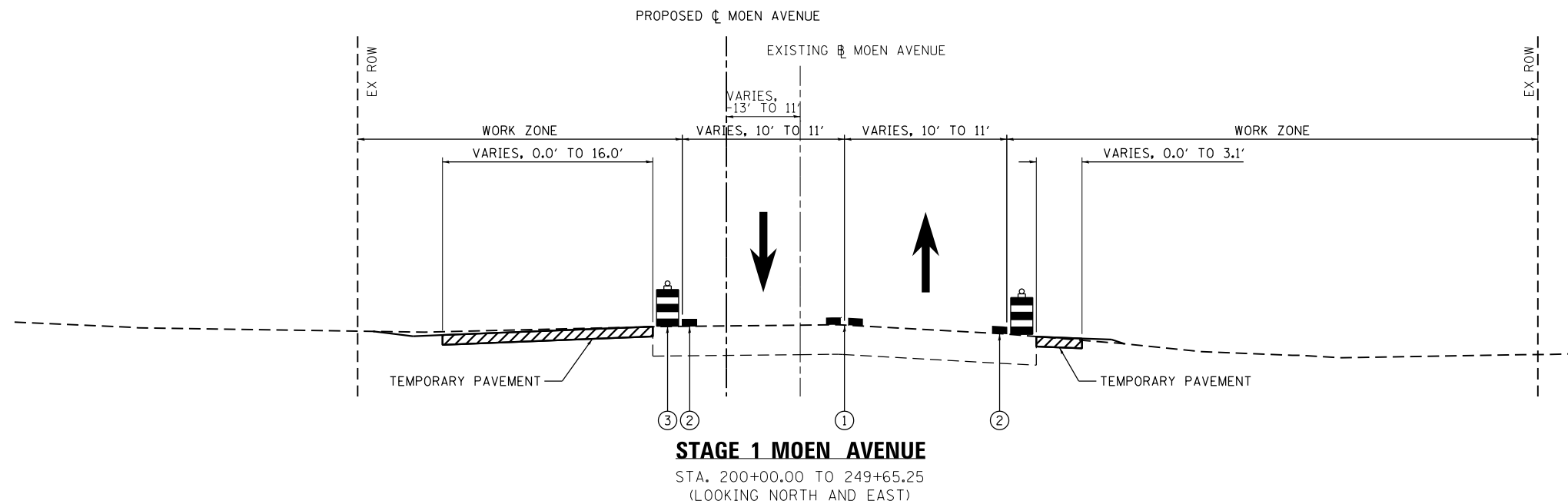
STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
GENERAL NOTES – SHEET 1 OF 1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

FILE = S:\PROJECTS\2016\1189J16-RK-Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-staging-typical1.dgn



STAGE 1 MOUND ROAD



STAGE 1 MOEN AVENUE

STA. 200+00.00 TO 249+65.25
(LOOKING NORTH AND EAST)

GENERAL STAGING NOTES:

- SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SHEET 1 FOR GENERAL STAGING NOTES.
- TEMPORARY PAVEMENT WIDTH CONSTRUCTED VARIES ALONG MOUND ROAD AND MOEN AVENUE. SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS FOR DETAILS ON LANE TRANSITIONS TO EXISTING PAVEMENT.

TRAFFIC AND CONSTRUCTION NOTES – MOUND ROAD:

STAGE 1 TRAFFIC:
SHIFT TRAFFIC TO SOUTH SIDE OF THE EXISTING ROADWAY. MAINTAIN TWO LANES OF TRAFFIC OPEN DURING ALL NON CONSTRUCTION ACTIVITIES. MAINTAIN ACCESS DURING CONSTRUCTION TO ALL DRIVEWAYS.

STAGE 1 CONSTRUCTION:
CONSTRUCT TEMPORARY PAVEMENT ON NORTH SIDE OF ROADWAY.

TRAFFIC AND CONSTRUCTION NOTES – MOEN AVENUE:

STAGE 1 TRAFFIC:
SHIFT TRAFFIC TO EAST AND SOUTH SIDES OF THE EXISTING ROADWAY. MAINTAIN TWO LANES OF TRAFFIC OPEN DURING ALL NON CONSTRUCTION ACTIVITIES. MAINTAIN ACCESS DURING CONSTRUCTION TO ALL DRIVEWAYS.

STAGE 1 CONSTRUCTION:
CONSTRUCT TEMPORARY PAVEMENT ON NORTH AND WEST SIDES OF ROADWAY. CULVERTS ARE TO BE EXTENDED TO MAINTAIN EXISTING DRAINAGE PATTERNS.

TRAFFIC CONTROL AND STAGING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ DRUMS/TYPE II BARRICADES
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ⑤ VERTICAL PANEL

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
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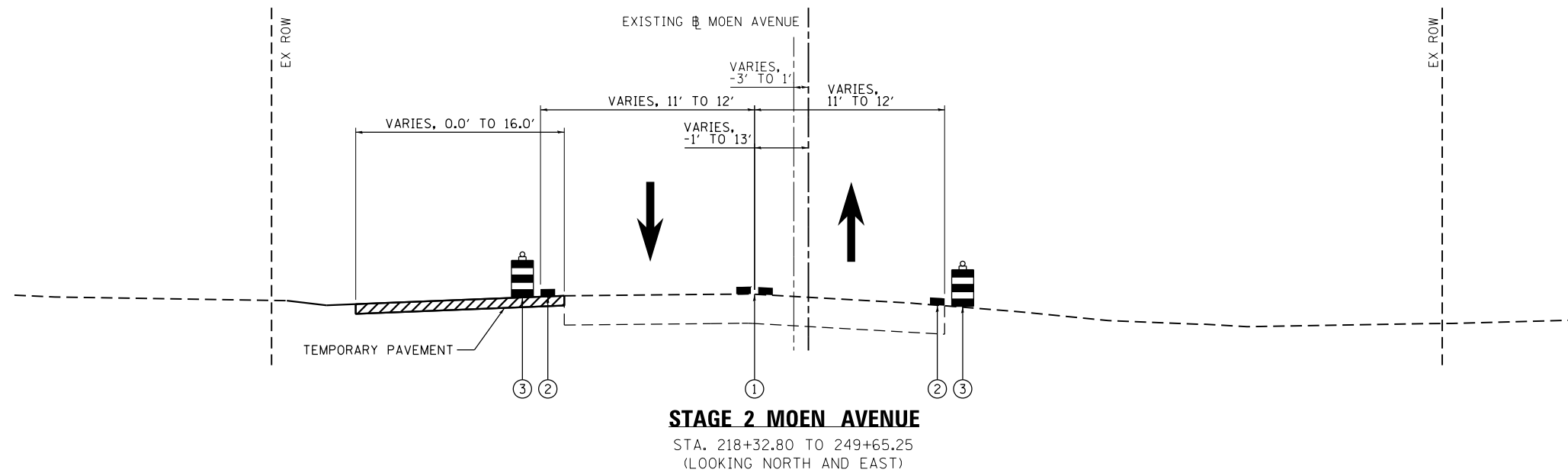
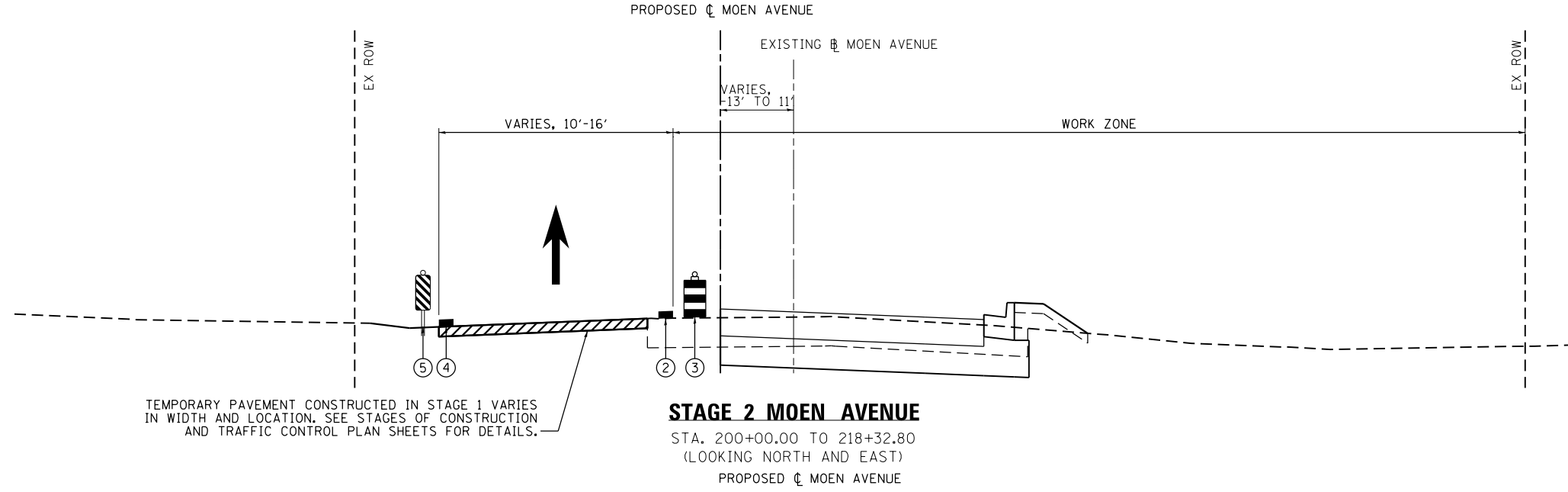
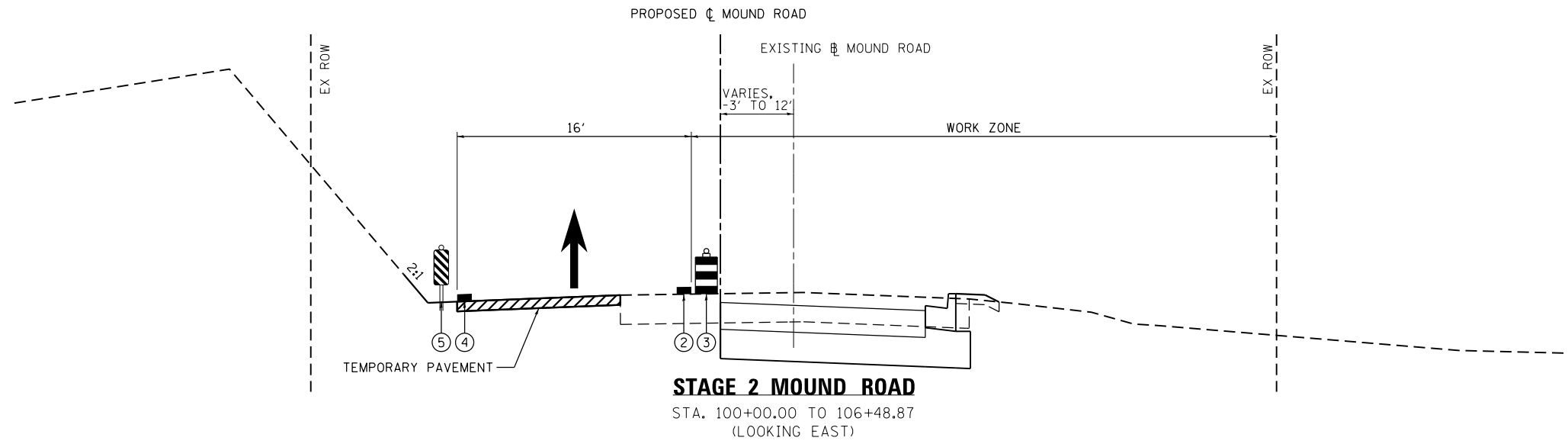


79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGING TYPICAL SECTION – SHEET 1 OF 6

STAGE 1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	58
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		



GENERAL STAGING NOTES:

- SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SHEET 1 FOR GENERAL STAGING NOTES.
- TEMPORARY PAVEMENT WIDTH CONSTRUCTED VARIES ALONG MOUND ROAD AND MOEN AVENUE. SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS FOR DETAILS ON LANE TRANSITIONS TO EXISTING PAVEMENT.

TRAFFIC AND CONSTRUCTION NOTES – MOUND ROAD:

STAGE 2 TRAFFIC:
EASTBOUND TRAFFIC IS MOVED ONTO THE TEMPORARY PAVEMENT AND EXISTING PAVEMENT ON THE NORTH SIDE OF MOUND ROAD. WESTBOUND TRAFFIC IS CLOSED FROM THE WESTERN PROJECT LIMITS TO GOULD COURT. TRAFFIC IS TO USE IL ROUTE 7, U.S. ROUTE 6, AND HOLLYWOOD ROAD TO ACCESS MOEN AVENUE EAST OF GOULD COURT. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

STAGE 2 CONSTRUCTION:
CONSTRUCT PROPOSED IMPROVEMENTS SOUTH OF THE PROPOSED BASELINE. PROPOSED PAVEMENT IS TO BE CONSTRUCTED UP TO THE FINAL 2" PAVEMENT LIFT.

TRAFFIC AND CONSTRUCTION NOTES – MOEN AVENUE:

STAGE 2 TRAFFIC:
EASTBOUND TRAFFIC IS MOVED ONTO THE TEMPORARY PAVEMENT AND EXISTING PAVEMENT ON THE NORTH AND WEST SIDES OF MOEN AVENUE. WESTBOUND TRAFFIC IS CLOSED FROM THE WESTERN PROJECT LIMITS TO GOULD COURT. TRAFFIC IS TO USE IL ROUTE 7, U.S. ROUTE 6, AND HOLLYWOOD ROAD TO ACCESS MOEN AVENUE EAST OF GOULD COURT. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

STAGE 2 CONSTRUCTION:
CONSTRUCT THE PROPOSED IMPROVEMENT SOUTH AND EAST OF THE PROPOSED BASELINE FROM THE WESTERN CONSTRUCTION LIMIT TO WEST OF GOULD COURT. PROPOSED PAVEMENT IS TO BE CONSTRUCTED UP TO THE FINAL 2" PAVEMENT LIFT.

- TRAFFIC CONTROL AND STAGING LEGEND**
- ① TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
 - ② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
 - ③ DRUMS/TYPE II BARRICADES
 - ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
 - ⑤ VERTICAL PANEL

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REVISION	DATE	BY	REMARKS

DRAWN JSH
CHECKED GFS
APPROVED GFS

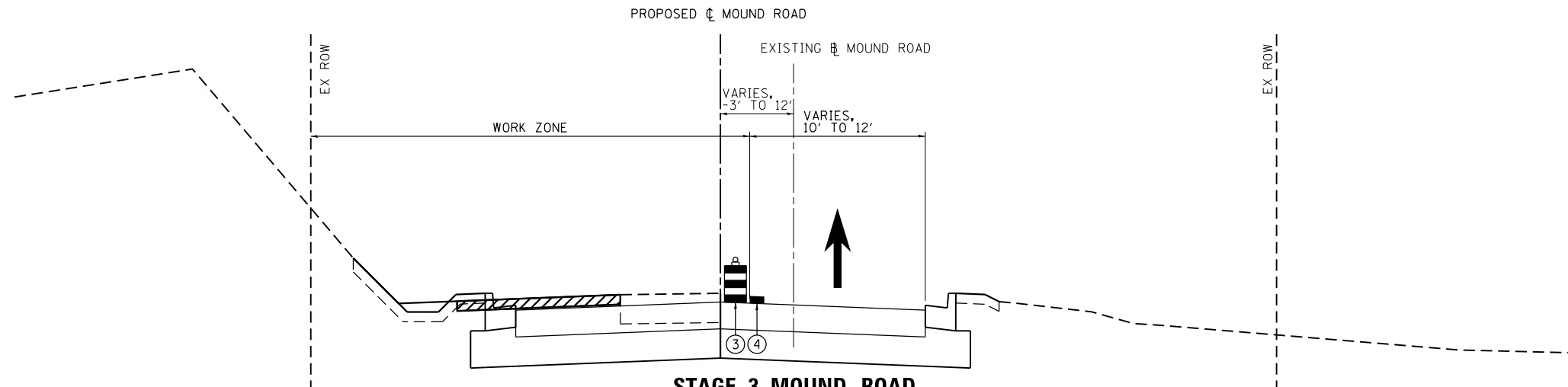
STATE OF ILLINOIS
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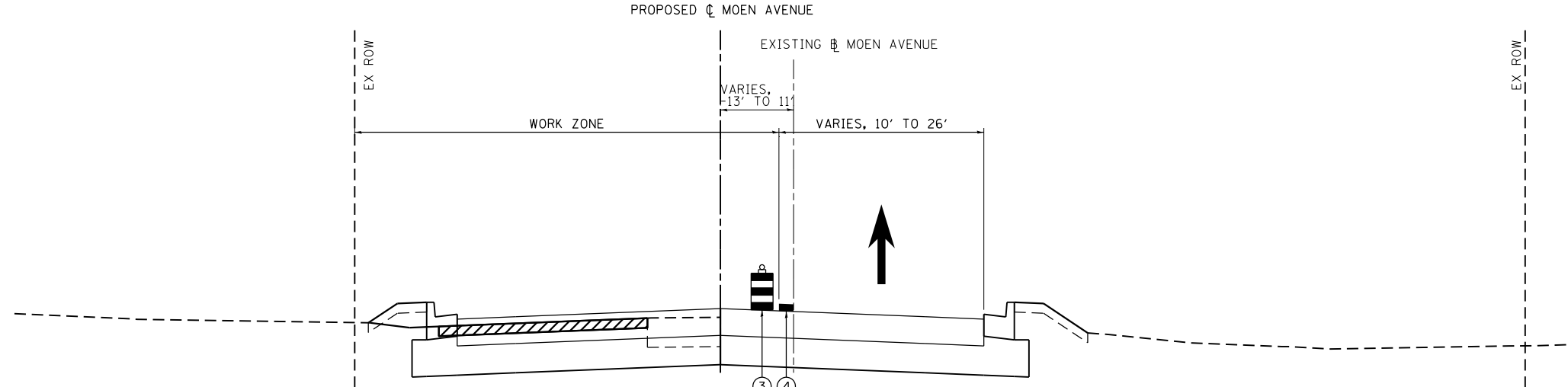
STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGING TYPICAL SECTION – SHEET 2 OF 6
STAGE 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	59
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		



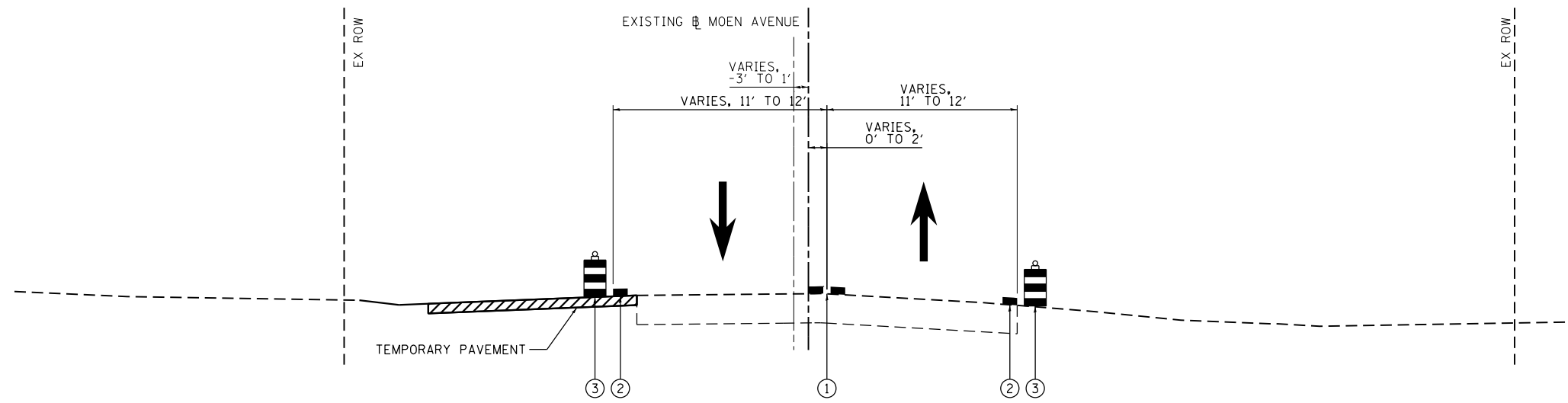
STAGE 3 MOUND ROAD

STA. 100+00.00 TO 106+48.87
(LOOKING EAST)



STAGE 3 MOEN AVENUE

STA. 200+00.00 TO 218+32.80
(LOOKING NORTH AND EAST)



STAGE 3 MOEN AVENUE

STA. 218+32.80 TO 249+65.25
(LOOKING NORTH AND EAST)

GENERAL STAGING NOTES:

- SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SHEET 1 FOR GENERAL STAGING NOTES.
- TEMPORARY PAVEMENT WIDTH CONSTRUCTED VARIES ALONG MOUND ROAD AND MOEN AVENUE. SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS FOR DETAILS ON LANE TRANSITIONS TO EXISTING PAVEMENT.

TRAFFIC AND CONSTRUCTION NOTES – MOUND ROAD:

STAGE 3 TRAFFIC:
EASTBOUND TRAFFIC IS MOVED ONTO EASTBOUND TRAFFIC TO THE NEWLY CONSTRUCTED PAVEMENT ON THE SOUTH SIDE OF MOUND ROAD. WESTBOUND TRAFFIC IS DETOURED AND WILL USE HOLLYWOOD ROAD, U.S. ROUTE 6 (CHANNAHON ROAD), AND IL ROUTE 7 (LARKIN ROAD) TO ACCESS MOEN AVENUE EAST OF GOULD COURT. MAINTAIN ACCESS DURING CONSTRUCTION TO ALL DRIVEWAYS.

STAGE 3 CONSTRUCTION:
REMOVE THE TEMPORARY PAVEMENT FROM THE WESTERN PROJECT LIMITS TO WEST OF GOULD COURT. CONSTRUCT PROPOSED IMPROVEMENTS NORTH OF THE PROPOSED BASELINE. PROPOSED PAVEMENT IS TO BE CONSTRUCTED UP TO THE FINAL 2" PAVEMENT LIFT.

TRAFFIC AND CONSTRUCTION NOTES – MOEN AVENUE:

STAGE 3 TRAFFIC:
EASTBOUND TRAFFIC IS MOVED ONTO THE NEWLY CONSTRUCTED PAVEMENT ON THE SOUTH AND EAST SIDES OF MOEN AVENUE AND MOUND ROAD. WESTBOUND TRAFFIC IS MAINTAINED FROM STAGE 2. THE DETOUR IS MAINTAINED FROM THE WESTERN PROJECT LIMITS TO GOULD COURT. TRAFFIC IS TO USE HOLLYWOOD ROAD, U.S. ROUTE 6 (CHANNAHON ROAD), AND IL ROUTE 7 (LARKIN ROAD) TO ACCESS MOEN AVENUE AND MOUND ROAD. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

STAGE 3 CONSTRUCTION:
REMOVE THE TEMPORARY PAVEMENT FROM THE WESTERN PROJECT LIMITS TO WEST OF GOULD COURT. CONSTRUCT PROPOSED IMPROVEMENTS NORTH AND WEST OF THE PROPOSED BASELINE FROM THE WESTERN PROJECT LIMITS TO WEST OF GOULD COURT. PROPOSED PAVEMENT IS TO BE CONSTRUCTED UP TO THE FINAL 2" PAVEMENT LIFT.

TRAFFIC CONTROL AND STAGING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ DRUMS/TYPE II BARRICADES
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ⑤ VERTICAL PANEL

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APPROVED	GFS

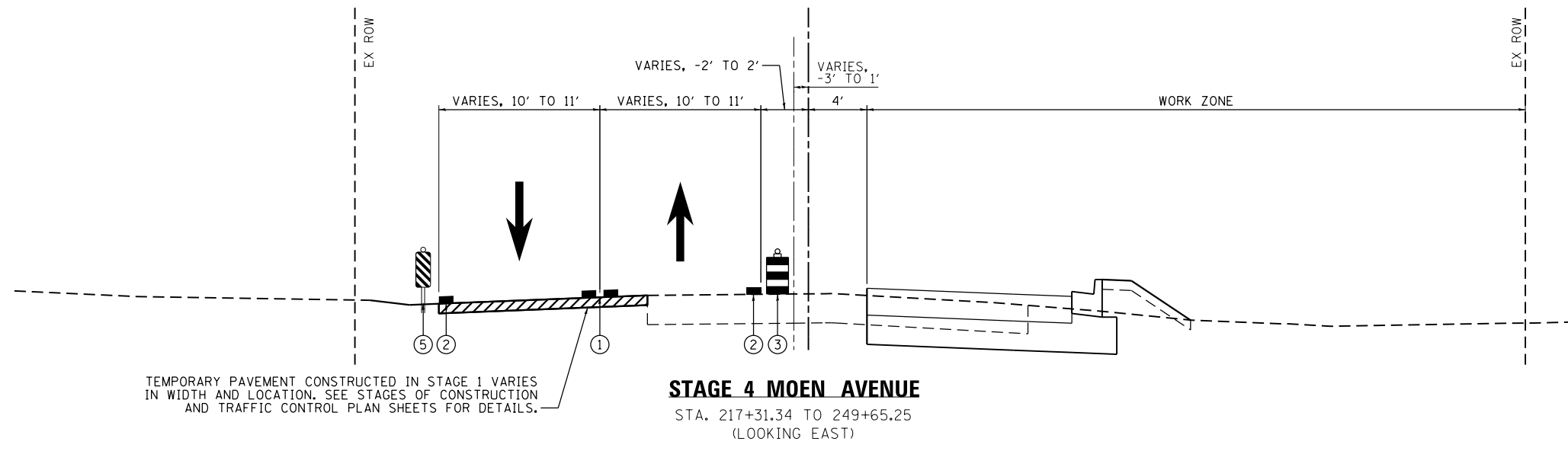
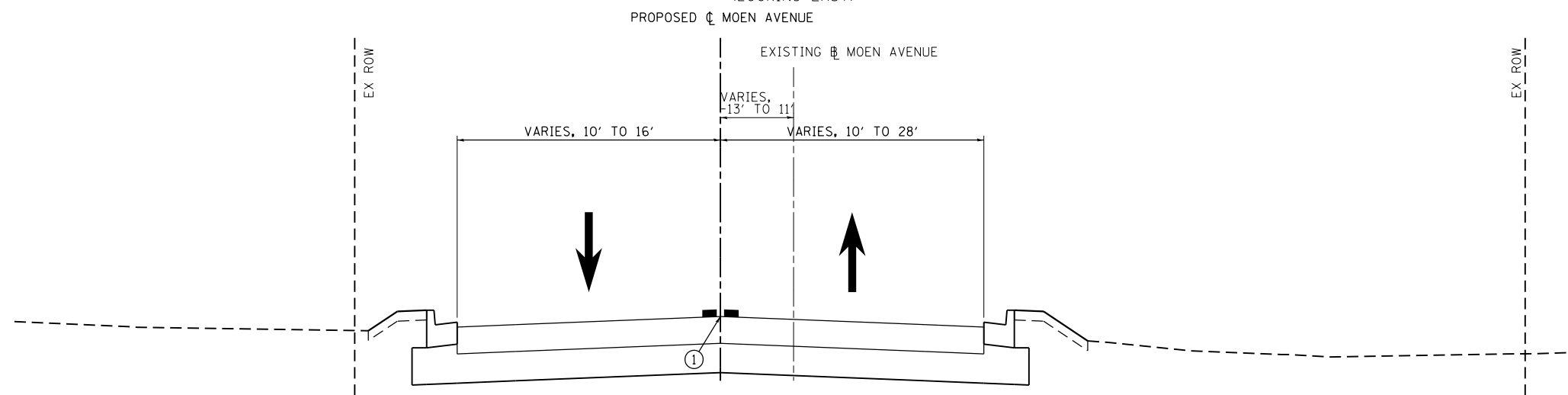
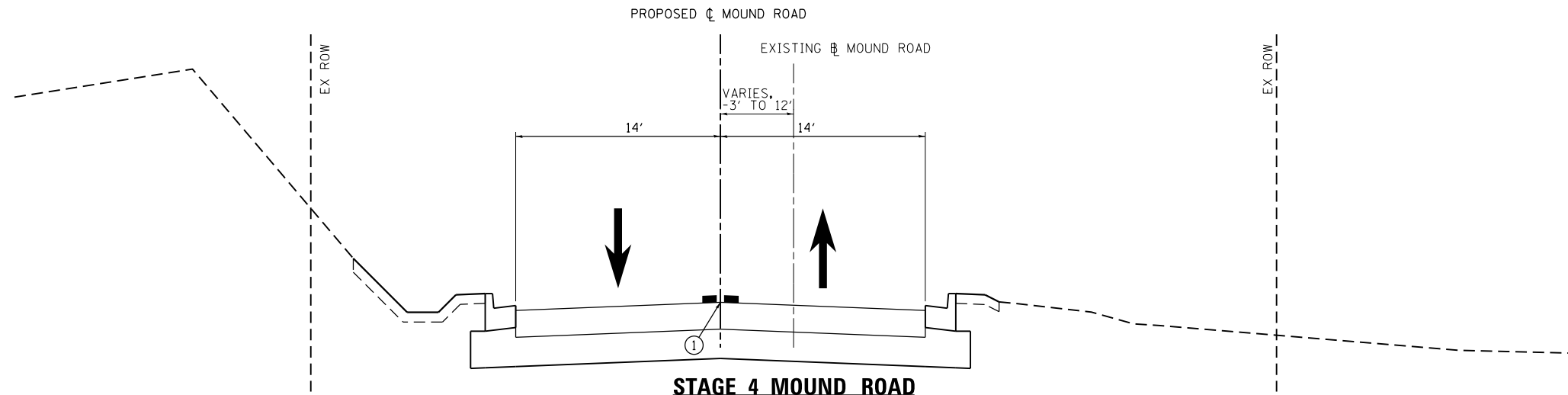
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 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGING TYPICAL SECTION – SHEET 3 OF 6
STAGE 3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	60
CONTRACT 61E00				
WHA 1189J16	ILLINOIS			



GENERAL STAGING NOTES:

- SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SHEET 1 FOR GENERAL STAGING NOTES.
- TEMPORARY PAVEMENT WIDTH CONSTRUCTED VARIES ALONG MOUND ROAD AND MOEN AVENUE. SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS FOR DETAILS ON LANE TRANSITIONS TO EXISTING PAVEMENT.

TRAFFIC AND CONSTRUCTION NOTES – MOUND ROAD:

STAGE 4 TRAFFIC:
EASTBOUND AND WESTBOUND TRAFFIC IS MAINTAINED ON THE NEWLY CONSTRUCTED PAVEMENT ON MOUND ROAD. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

STAGE 4 CONSTRUCTION:
NO CONSTRUCTION IS PROPOSED.

TRAFFIC AND CONSTRUCTION NOTES – MOEN AVENUE:

STAGE 4 TRAFFIC:
WESTBOUND TRAFFIC IS MOVED TO THE NORTH ONTO THE TEMPORARY PAVEMENT AND NEWLY CONSTRUCTED PAVEMENT AND THE DETOUR ENDS. EASTBOUND TRAFFIC IS MOVED ADJACENT TO WESTBOUND TRAFFIC WITH EASTBOUND TRAFFIC MAINTAINED ON THE NEWLY CONSTRUCTED PAVEMENT ON THE SOUTH AND EAST SIDES OF MOEN AVENUE FROM THE WESTERN PROJECT LIMITS TO WEST OF GOULD COURT. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

STAGE 4 CONSTRUCTION:
CONSTRUCT PROPOSED IMPROVEMENTS 4' SOUTH OF THE PROPOSED BASELINE FROM WEST OF GOULD COURT TO THE EASTERN PROJECT LIMITS. PROPOSED PAVEMENT IS TO BE CONSTRUCTED UP TO THE FINAL 2" PAVEMENT LIFT.

TRAFFIC CONTROL AND STAGING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ DRUMS/TYPE II BARRICADES
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ⑤ VERTICAL PANEL

FILE = S:\PROJECTS\2016\1189J16-Rk_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-staging-typical4.dgn

REVISION	DATE	BY	REMARKS

DRAWN JSH
CHECKED GFS
APPROVED GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

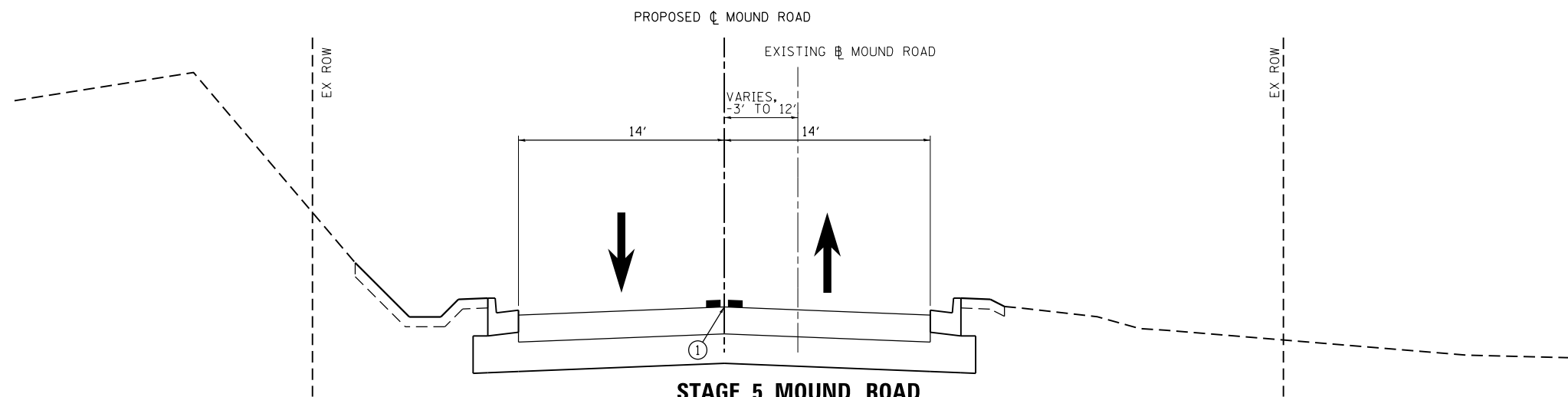
WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGING TYPICAL SECTION – SHEET 4 OF 6
STAGE 4

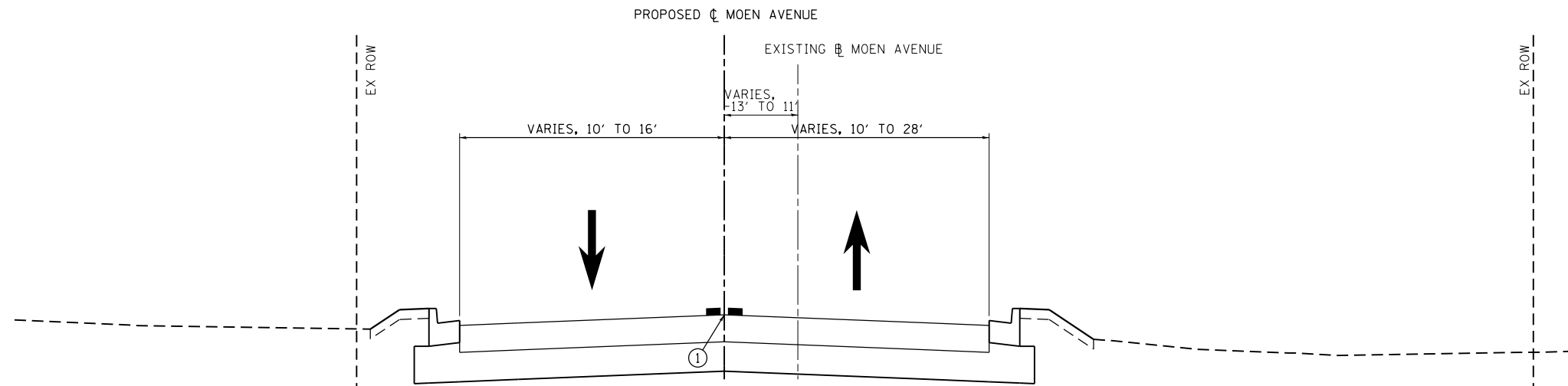
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	61
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

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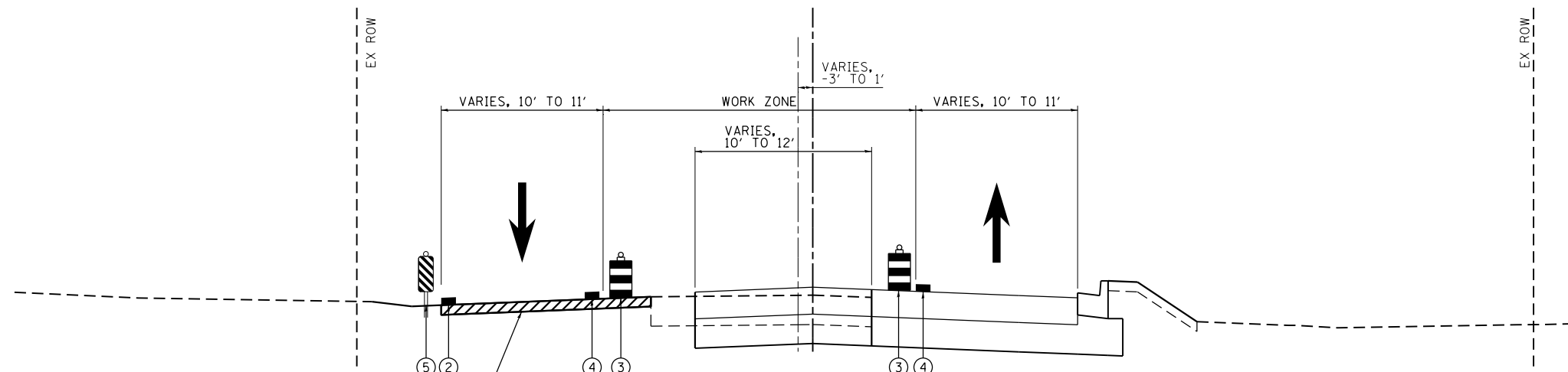
STAGE 5 MOUND ROAD

STA. 100+00.00 TO 106+48.87
(LOOKING EAST)



STAGE 5 MOEN AVENUE

STA. 200+00.00 TO 217+31.34
(LOOKING NORTH AND EAST)



STAGE 5 MOEN AVENUE

STA. 217+31.34 TO 249+65.25
(LOOKING EAST)

TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1 VARIES IN WIDTH AND LOCATION. SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS FOR DETAILS.

GENERAL STAGING NOTES:

- SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SHEET 1 FOR GENERAL STAGING NOTES.
- TEMPORARY PAVEMENT WIDTH CONSTRUCTED VARIES ALONG MOUND ROAD AND MOEN AVENUE. SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS FOR DETAILS ON LANE TRANSITIONS TO EXISTING PAVEMENT.

TRAFFIC AND CONSTRUCTION NOTES – MOUND ROAD:

STAGE 5 TRAFFIC:
EASTBOUND AND WESTBOUND TRAFFIC IS MAINTAINED ON THE NEWLY CONSTRUCTED PAVEMENT ON MOUND ROAD. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

STAGE 5 CONSTRUCTION:
NO CONSTRUCTION IS PROPOSED.

TRAFFIC AND CONSTRUCTION NOTES – MOEN AVENUE:

STAGE 5 TRAFFIC:
EASTBOUND TRAFFIC IS MOVED ONTO THE NEWLY CONSTRUCTED PAVEMENT ON THE SOUTH AND EAST SIDES OF MOEN AVENUE AND MOUND ROAD. WESTBOUND TRAFFIC IS MAINTAINED ON THE TEMPORARY PAVEMENT AND NEWLY CONSTRUCTED PAVEMENT ON THE NORTH SIDE OF MOEN AVENUE. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

STAGE 5 CONSTRUCTION:
CONSTRUCT 10 TO 12 FEET OF THE PROPOSED IMPROVEMENTS BETWEEN THE EASTBOUND AND WESTBOUND TRAFFIC FROM WEST OF GOULD COURT TO THE EASTERN PROJECT LIMITS. PROPOSED PAVEMENT IS TO BE CONSTRUCTED UP TO THE FINAL 2" PAVEMENT LIFT.

TRAFFIC CONTROL AND STAGING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ DRUMS/TYPE II BARRICADES
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ⑤ VERTICAL PANEL

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
& ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



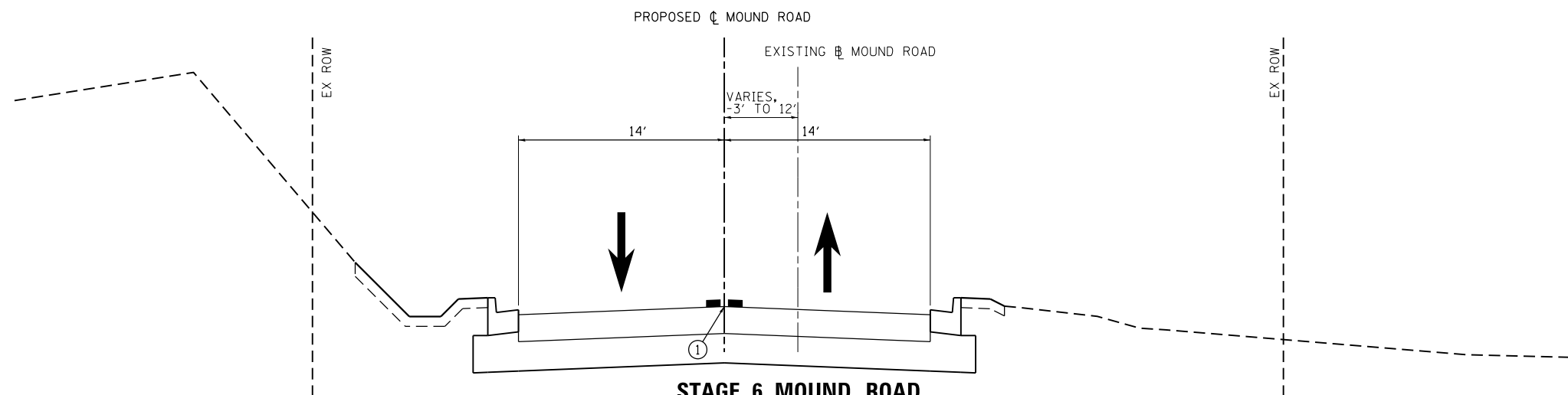
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGING TYPICAL SECTION – SHEET 5 OF 6

STAGE 5

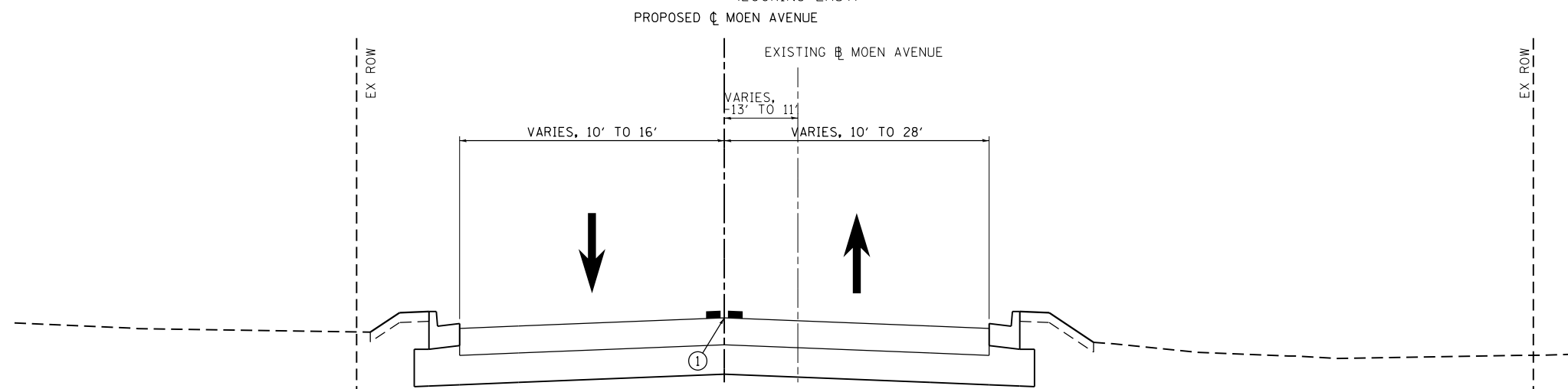
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	62
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

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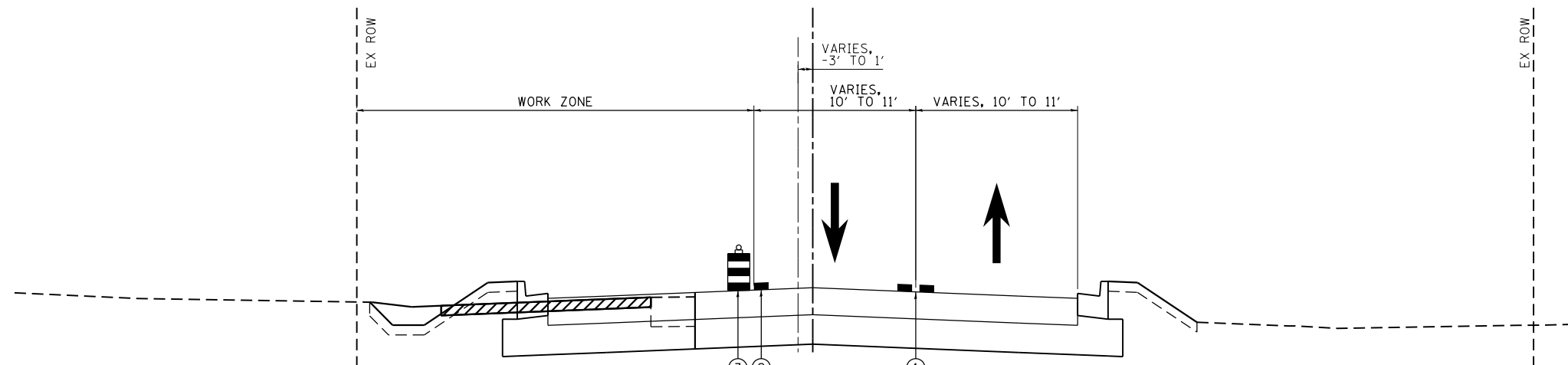
STAGE 6 MOUND ROAD

STA. 100+00.00 TO 106+48.87
(LOOKING EAST)



STAGE 6 MOEN AVENUE

STA. 200+00.00 TO 217+31.34
(LOOKING NORTH AND EAST)



STAGE 6 MOEN AVENUE

STA. 217+31.34 TO 249+65.25
(LOOKING EAST)

GENERAL STAGING NOTES:

- SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SHEET 1 FOR GENERAL STAGING NOTES.
- TEMPORARY PAVEMENT WIDTH CONSTRUCTED VARIES ALONG MOUND ROAD AND MOEN AVENUE. SEE STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SHEETS FOR DETAILS ON LANE TRANSITIONS TO EXISTING PAVEMENT.

TRAFFIC AND CONSTRUCTION NOTES – MOUND ROAD:

STAGE 6 TRAFFIC:
EASTBOUND AND WESTBOUND TRAFFIC IS MAINTAINED ON THE NEWLY CONSTRUCTED PAVEMENT ON MOUND ROAD. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

STAGE 6 CONSTRUCTION:
NO CONSTRUCTION IS PROPOSED.

TRAFFIC AND CONSTRUCTION NOTES – MOEN AVENUE:

STAGE 6 TRAFFIC:
EASTBOUND TRAFFIC IS MAINTAINED ON THE NEWLY CONSTRUCTED PAVEMENT ON THE SOUTH AND EAST SIDES OF MOEN AVENUE AND MOUND ROAD. WESTBOUND TRAFFIC IS MOVED ADJACENT TO EASTBOUND TRAFFIC. ACCESS IS TO BE MAINTAINED TO PRIVATE PROPERTIES AND GOULD COURT.

STAGE 6 CONSTRUCTION:
REMOVE THE TEMPORARY PAVEMENT FROM THE WESTERN PROJECT LIMITS TO WEST OF GOULD COURT. CONSTRUCT PROPOSED IMPROVEMENTS NORTH OF THE PROPOSED BASELINE FROM THE WESTERN PROJECT LIMITS TO WEST OF GOULD COURT. PROPOSED PAVEMENT IS TO BE CONSTRUCTED UP TO THE FINAL 2" PAVEMENT LIFT.

TRAFFIC CONTROL AND STAGING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ DRUMS/TYPE II BARRICADES
- ④ TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ⑤ VERTICAL PANEL

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGING TYPICAL SECTION – SHEET 6 OF 6

STAGE 6

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	63
WHA* 1189J16			ILLINOIS	
CONTRACT 61E00				



SEE PLAN
MOUND ROAD
SHEET 3 OF 18

WORK ZONE
SPEED LIMIT 30
5375 FINE MINIMUM

W21-1115(O) - 3618
R2-1 - 3648
R2-1106P - 3618

MOEN AVENUE

TEMPORARY PAVEMENT MARKING,
4" WHITE, OFFSET 2' FROM
EXISTING EDGE OF PAVEMENT

TEMPORARY PAVEMENT MARKING,
4" DOUBLE YELLOW

TEMPORARY PAVEMENT MARKING,
4" WHITE, MATCHES EXISTING
EDGE OF PAVEMENT

200+00

205+00

210+00

WORK ZONE
SPEED LIMIT 30
5375 FINE MINIMUM








W21-1115(O) - 3618
R2-1 - 3648
R2-1106P - 3618

WORK ZONE

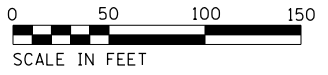
TEMPORARY PAVEMENT MARKING,
4" WHITE, OFFSET 2' FROM
EXISTING EDGE OF PAVEMENT

MATCHLINE 212+00.00
MOEN AVENUE
SEE BELOW

LEGEND

-  TRAFFIC FLOW
-  TYPE III BARRICADE WITH FLASHING BEACONS
-  TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
-  CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
-  WORK ZONE
-  TEMPORARY PAVEMENT
-  IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTE:
- MAINTAIN EXISTING CURVE SIGNS



FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-stgmg1A.dgn

WORK ZONE
SPEED LIMIT 30
5375 FINE MINIMUM

W21-1115(O) - 3618
R2-1 - 3648
R2-1106P - 3618

PROPOSED DRAINAGE STRUCTURES

TEMPORARY PAVEMENT MARKING,
4" DOUBLE YELLOW

TEMPORARY PAVEMENT MARKING,
4" WHITE, OFFSET 2' FROM
EXISTING EDGE OF PAVEMENT

PROPOSED DRAINAGE STRUCTURES

TEMPORARY STORM SEWER, 24"
TO BE INSERTED INTO
PROPOSED DRAINAGE STRUCTURE
INVERT (EAST) = 565.70
INVERT (WEST) = 565.40

TEMPORARY INLET, TYPE B
RIM = 569.73
INVERT (WEST) = 565.70

TEMPORARY CULVERT PIPE, 24"

PROPOSED DRAINAGE STRUCTURES

WORK ZONE

MOEN AVENUE

220+00

225+00

MATCHLINE 226+00.00
MOEN AVENUE
SHEET 2 OF 18

MATCHLINE 212+00.00
MOEN AVENUE
SEE ABOVE

WORK ZONE
SPEED LIMIT 30
5375 FINE MINIMUM

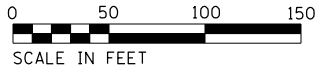
W21-1115(O) - 3618
R2-1 - 3648
R2-1106P - 3618

ROAD
CONSTRUCTION
AHEAD

W20-1103(O) - 3686
M6-4(O) - 2115

GOULD COURT

NOTE:
- MAINTAIN EXISTING CURVE SIGNS



REVISION	DATE	BY	REMARKS

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APPROVED GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLET HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



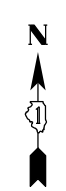
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOEN AVENUE PLAN SHEET - SHEET 1 OF 18

STAGE 1

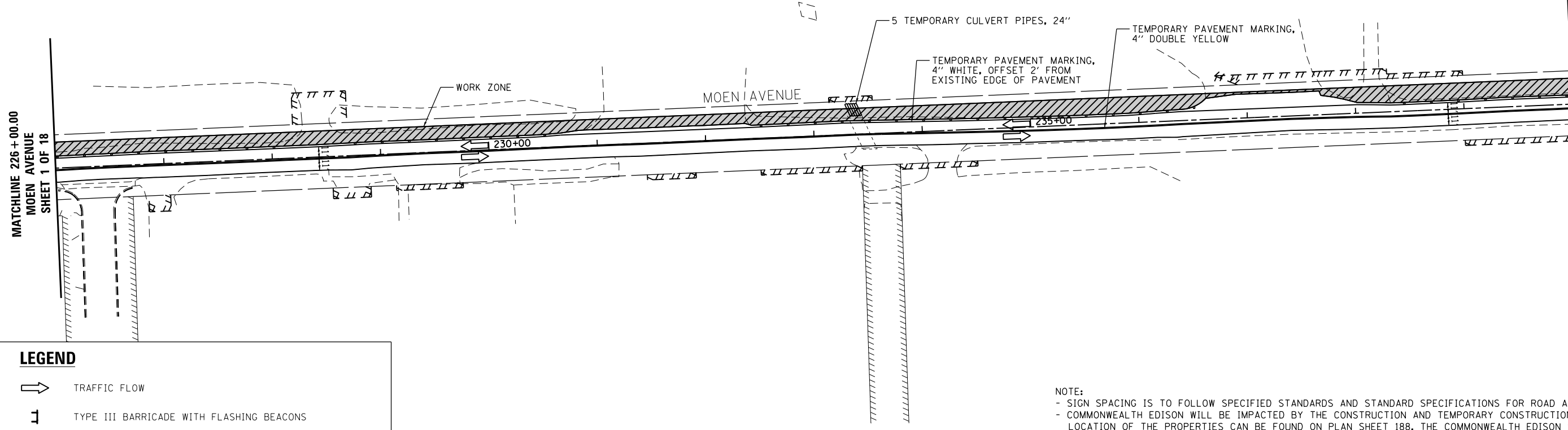
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	64
WHA* 1189J16			ILLINOIS	

CONTRACT 61E00



MATCHLINE 226+00.00
MOEN AVENUE
SHEET 1 OF 18

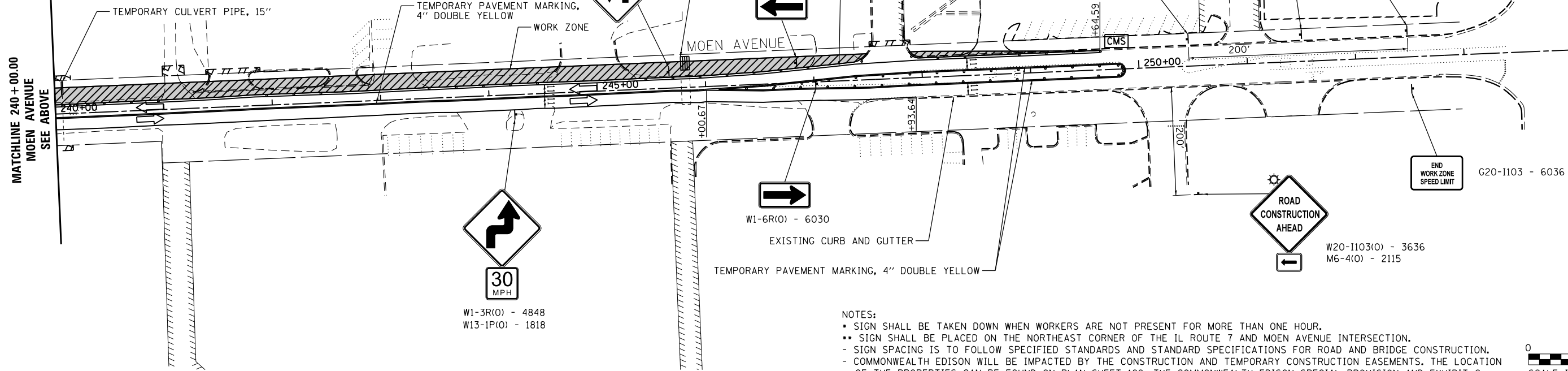
MATCHLINE 240+00.00
MOEN AVENUE
SEE BELOW



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTE:
 - SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.



NOTES:
 • SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
 •• SIGN SHALL BE PLACED ON THE NORTHEAST CORNER OF THE IL ROUTE 7 AND MOEN AVENUE INTERSECTION.
 - SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.



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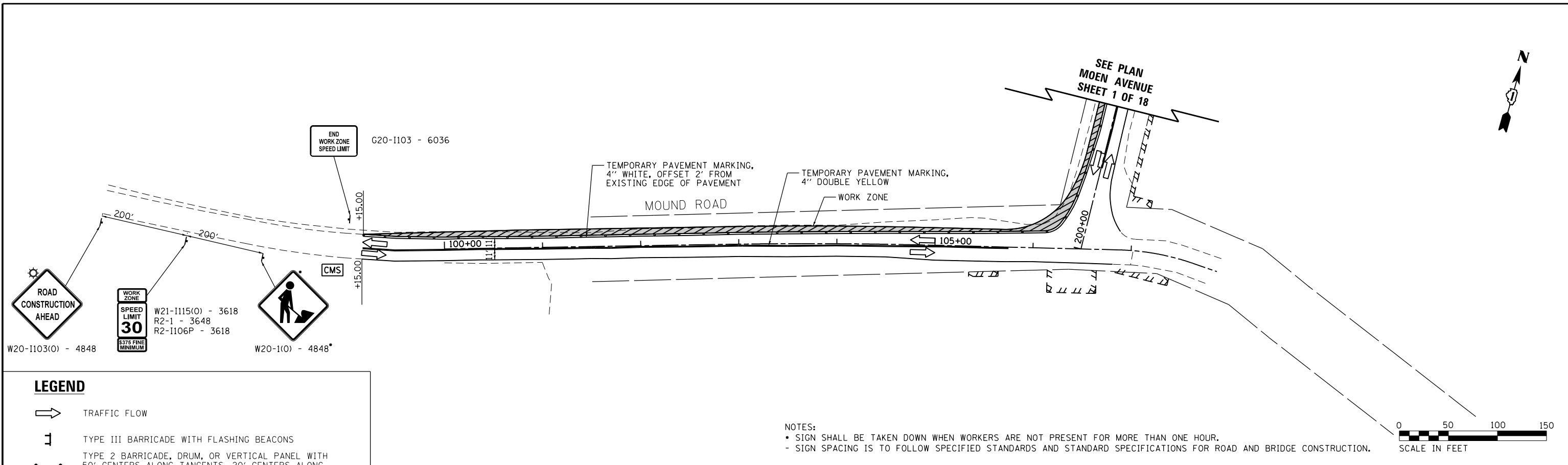
REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOEN AVENUE PLAN SHEET - SHEET 2 OF 18
STAGE 1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	65
WHA* 1189J16			ILLINOIS	
CONTRACT 61E00				



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTES:

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
- SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

FILE = S:\PROJECTS\2016\1189J16-RK-Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-staging1.c.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOUET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

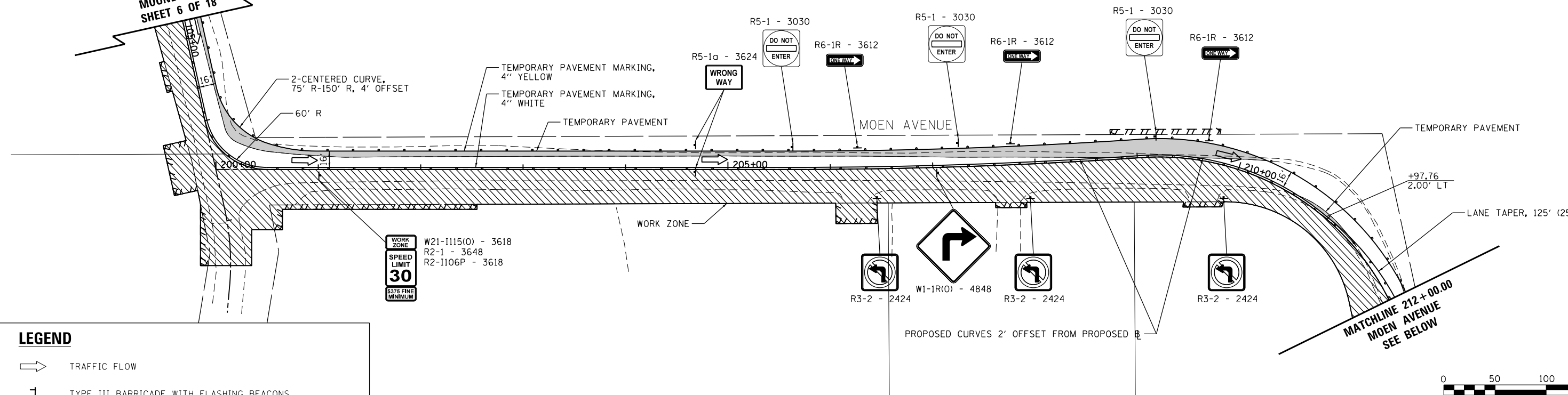
**STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOEN AVENUE PLAN SHEET - SHEET 3 OF 18**

STAGE 1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	66
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			

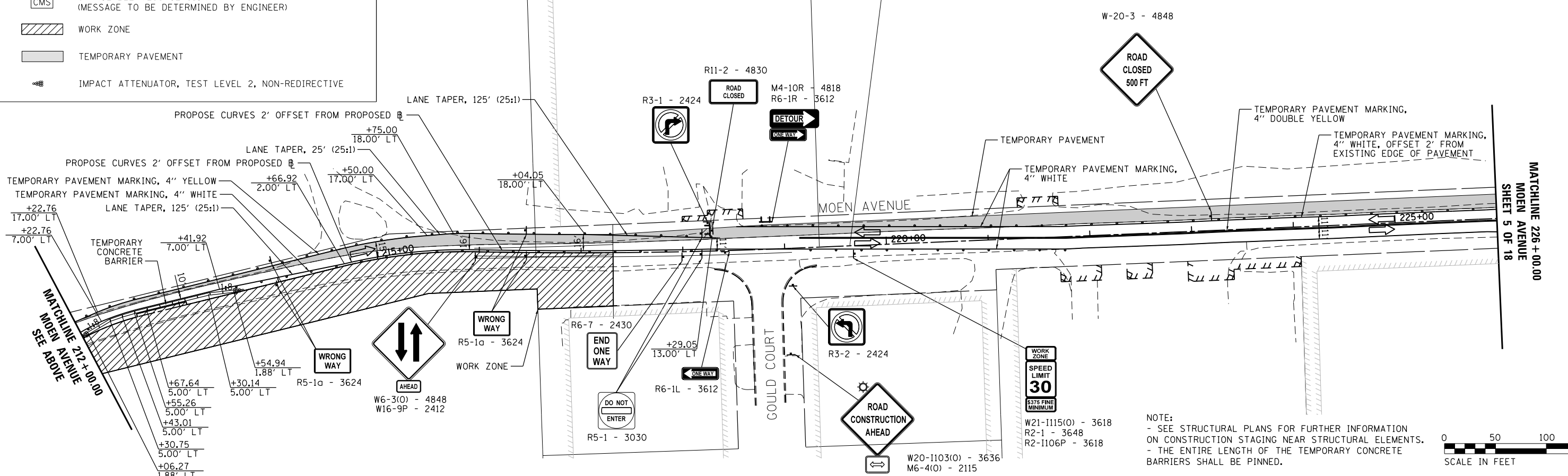


SEE PLAN
MOUND ROAD
SHEET 6 OF 18



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE



NOTE:
 - SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
 - THE ENTIRE LENGTH OF THE TEMPORARY CONCRETE BARRIERS SHALL BE PINNED.

FILE - S:\PROJECTS\2016\1189J16 - Rk. Moen\DESIGN\TRANS\CADD\Sheets\1189J16-shit-staging2.dgn

REVISION	DATE	BY	REMARKS

DRAWN JSH
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WILLETT HOFMANN
 & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 315-729-2229 DESIGN FIRM: #184-000918

79 MOEN AVENUE
 ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 MOEN AVENUE PLAN SHEET - SHEET 4 OF 18

STAGE 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	67
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			



MATCHLINE 240+00.00
MOEN AVENUE
SEE BELOW

MATCHLINE 226+00.00
MOEN AVENUE
SHEET 4 OF 18

W-20-3 - 4848



TEMPORARY PAVEMENT

TEMPORARY PAVEMENT MARKING,
4" WHITE, OFFSET 2' FROM
EXISTING EDGE OF PAVEMENT








TEMPORARY PAVEMENT MARKING,
4" DOUBLE YELLOW

MOEN AVENUE

230+00

235+00

LEGEND

-  TRAFFIC FLOW
-  TYPE III BARRICADE WITH FLASHING BEACONS
-  TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
-  CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
-  WORK ZONE
-  TEMPORARY PAVEMENT
-  IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTES:

- SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
- SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.

MATCHLINE 240+00.00
MOEN AVENUE
SEE ABOVE

TEMPORARY PAVEMENT MARKING,
4" DOUBLE YELLOW

TEMPORARY PAVEMENT MARKING,
4" WHITE, OFFSET 2' FROM
EXISTING EDGE OF PAVEMENT

W1-3L(O) - 4848
W13-1P(O) - 1818



W21-1115(O) - 3618
R2-1 - 3648
R2-1106P - 3618



W20-11(O) - 4848
R11-4 - 6030
M4-10L - 4818



W20-1103(O) - 4848**



W6-3(O) - 4848



W1-6L(O) - 6030



R11-4 - 6030



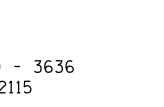
164.59



1250+00

200'

G20-1103 - 6036



R11-4 - 6030



W20-1103(O) - 3636
M6-4(O) - 2115



TEMPORARY PAVEMENT MARKING,
4" DOUBLE YELLOW

TEMPORARY PAVEMENT

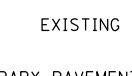
MOEN AVENUE

245+00

+00.67

+93.64

W1-6R(O) - 6030



EXISTING CURB AND GUTTER

TEMPORARY PAVEMENT MARKING, 4" DOUBLE YELLOW

W1-3R(O) - 4848
W13-1P(O) - 1818



NOTES:

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
- ** SIGN SHALL BE PLACED ON THE NORTHEAST CORNER OF THE IL ROUTE 7 AND MOEN AVENUE INTERSECTION.
- SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
- COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.



FILE = S:\PROJECTS\2016\1189J16 - Rk. Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-5-stgng2B.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
& ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOUET, IL 60415
T: 315-729-2229 DESIGN FIRM: #184-000118

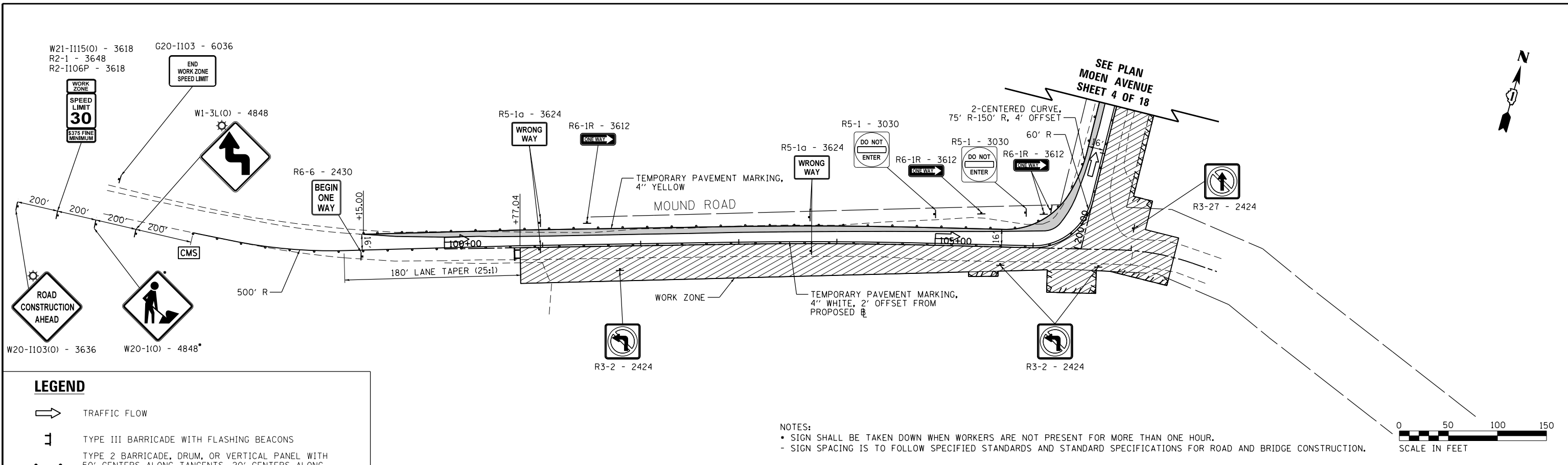


79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOEN AVENUE PLAN SHEET - SHEET 5 OF 18

STAGE 2

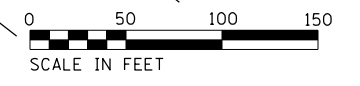
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	68
WHA* 1189J16			ILLINOIS	
CONTRACT 61E00				



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTES:
 • SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
 - SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.



FILE = S:\PROJECTS\2016\1189J16-RK-Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-stg2.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLETT HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOUET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

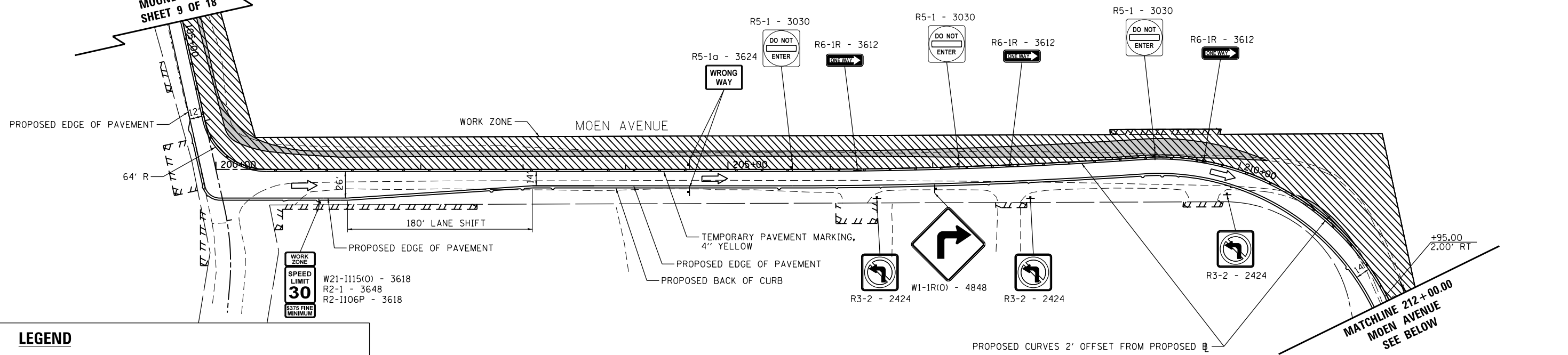
ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOUND ROAD PLAN SHEET - SHEET 6 OF 18
 STAGE 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	69
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

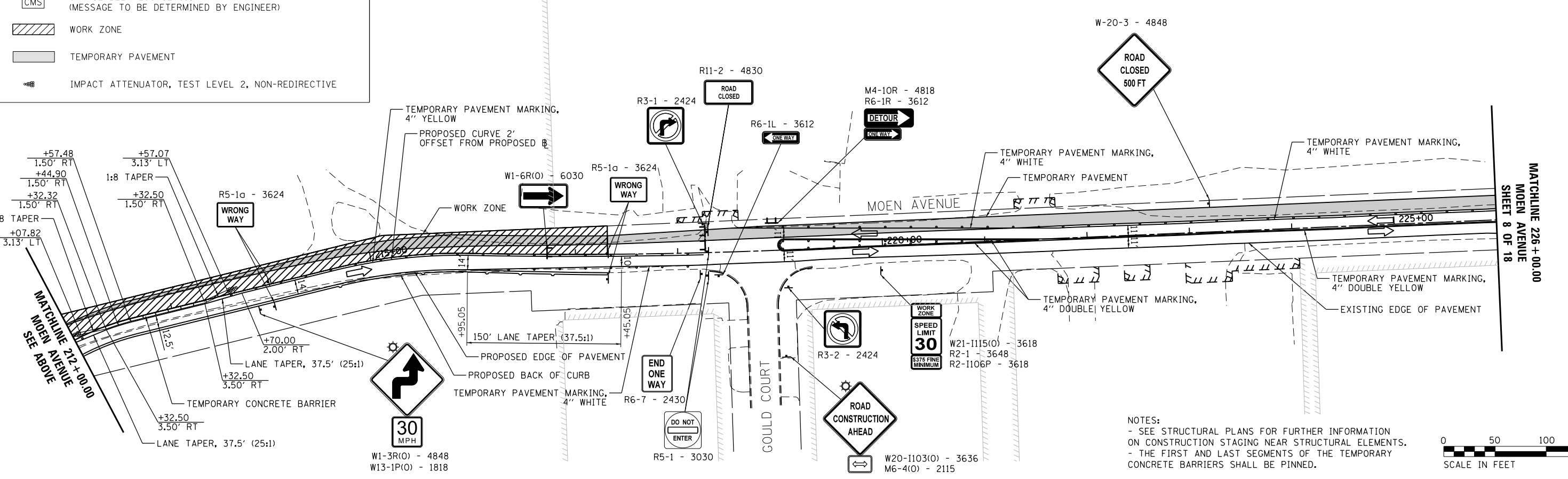


SEE PLAN
MOUND ROAD
SHEET 9 OF 18



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE



NOTES:
 - SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
 - THE FIRST AND LAST SEGMENTS OF THE TEMPORARY CONCRETE BARRIERS SHALL BE PINNED.

FILE - S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-7-Stage7.dgn

REVISION	DATE	BY	REMARKS

DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 315-729-2229 DESIGN FIRM: #184-00918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

**STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 MOEN AVENUE PLAN SHEET - SHEET 7 OF 18**

STAGE 3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	70
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			



MATCHLINE 240+00.00
MOEN AVENUE
SEE BELOW

MATCHLINE 226+00.00
MOEN AVENUE
SHEET 7 OF 18

W-20-3 - 4848



TEMPORARY PAVEMENT

MOEN AVENUE

TEMPORARY PAVEMENT MARKING,
4" WHITE, OFFSET 2' FROM
EXISTING EDGE OF PAVEMENT

TEMPORARY PAVEMENT MARKING,
4" DOUBLE YELLOW

230+00

235+00

LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTES:

- SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
- SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.

MATCHLINE 240+00.00
MOEN AVENUE
SEE ABOVE

TEMPORARY PAVEMENT MARKING,
4" DOUBLE YELLOW

MOEN AVENUE

TEMPORARY PAVEMENT MARKING,
4" WHITE, OFFSET 2' FROM
EXISTING EDGE OF PAVEMENT



W6-3(O) - 4848



W1-6L(O) - 6030



R11-4 - 6030



W21-115(O) - 3618
R2-1 - 3618
R2-1106P - 3618



W20-1(O) - 4848

R11-4 - 6030
M4-10L - 4818



W20-1103(O) - 4848**



TEMPORARY PAVEMENT MARKING,
4" DOUBLE YELLOW

TEMPORARY PAVEMENT

240+00

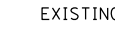
245+00

250+00



W1-3R(O) - 4848
W13-1P(O) - 1818

W1-6R(O) - 6030



TEMPORARY PAVEMENT MARKING, 4" DOUBLE YELLOW

EXISTING CURB AND GUTTER

NOTES:

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
- ** SIGN SHALL BE PLACED ON THE NORTHEAST CORNER OF THE IL ROUTE 7 AND MOEN AVENUE INTERSECTION.
- SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
- COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.

G20-1103 - 6036

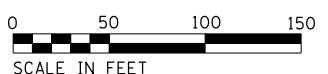
R11-4 - 6030

W20-1103(O) - 3636
M6-4(O) - 2115



END WORK ZONE SPEED LIMIT

R11-4 - 6030



FILE = S:\PROJECTS\2016\1189J16 - Rk. Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-staging3B.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
& ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOUET, IL 60415
T: 315-729-2229 DESIGN FIRM: #184-000118

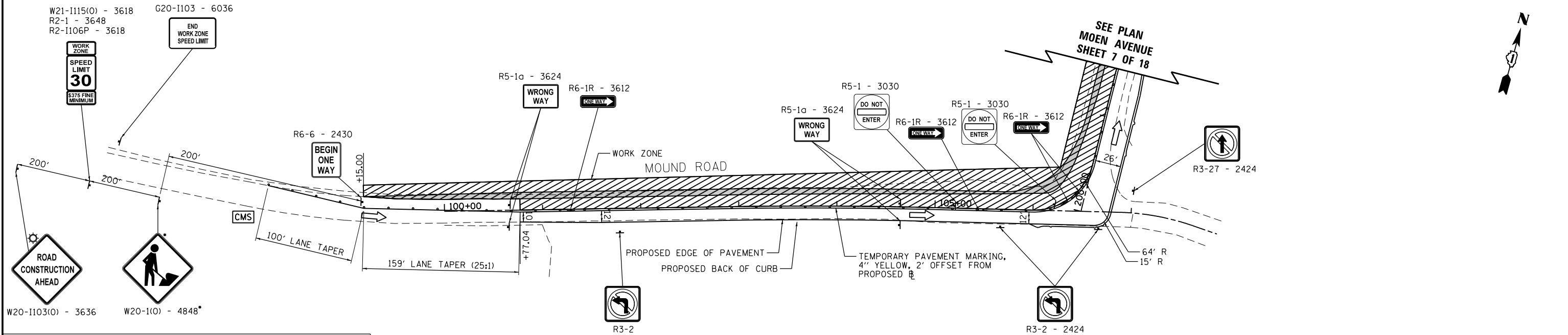


79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOEN AVENUE PLAN SHEET - SHEET 8 OF 18

STAGE 3

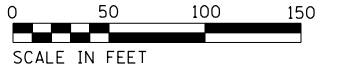
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	71
WHA* 1189J16 ILLINOIS			CONTRACT 61E00	



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

- NOTES:
- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
 - SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.



FILE = S:\PROJECTS\2016\1189J16-RK-Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-stg9ng3c.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLETT, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

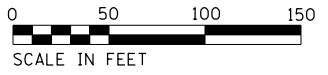
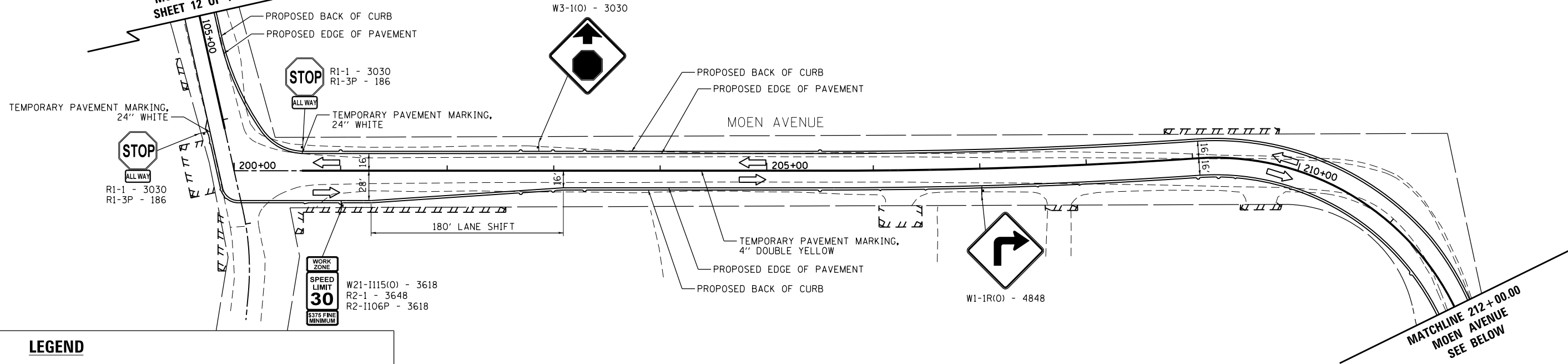
ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOUND ROAD PLAN SHEET - SHEET 9 OF 18
STAGE 3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	72
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		

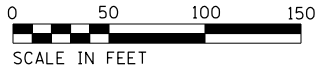
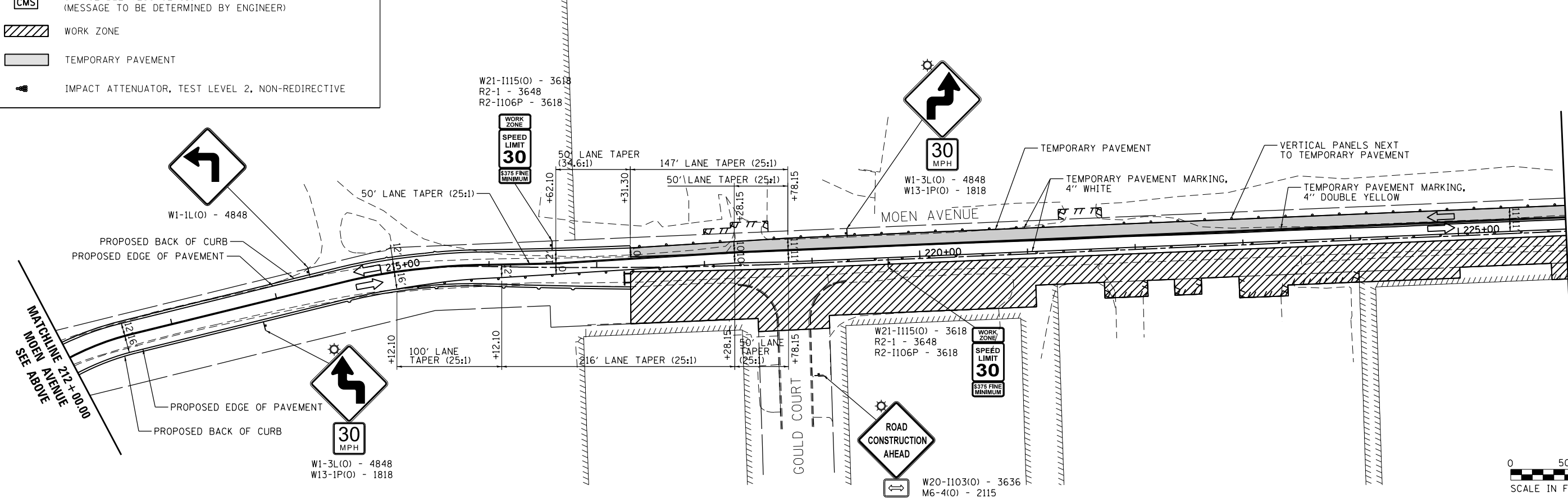


SEE PLAN
MOUND ROAD
SHEET 12 OF 18



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE



FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-stagmgf4.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-00918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOEN AVENUE PLAN SHEET - SHEET 10 OF 18

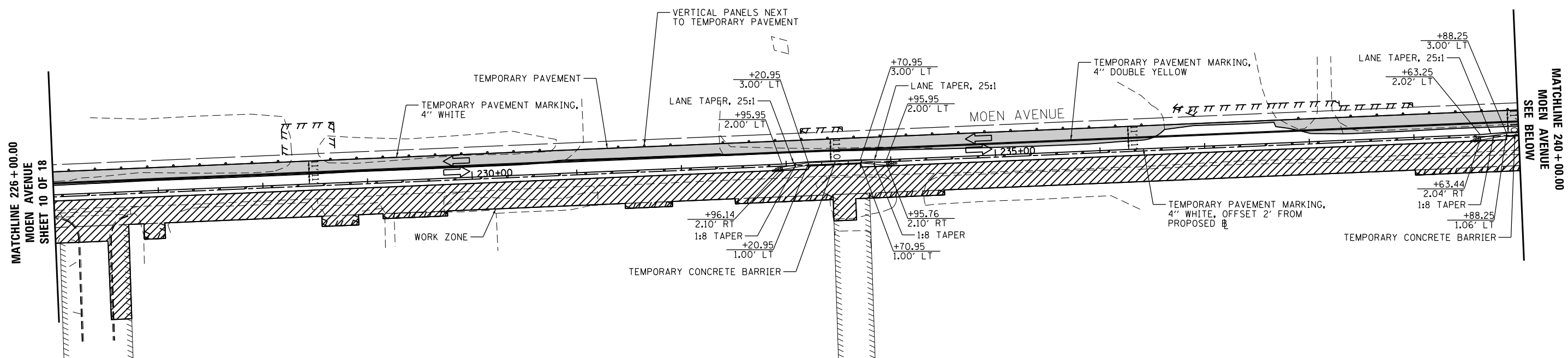
STAGE 4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	73
WHA* 1189J16			ILLINOIS	
			CONTRACT 61E00	



MATCHLINE 226 + 00.00
MOEN AVENUE
SHEET 10 OF 18

MATCHLINE 240 + 00.00
MOEN AVENUE
SEE BELOW



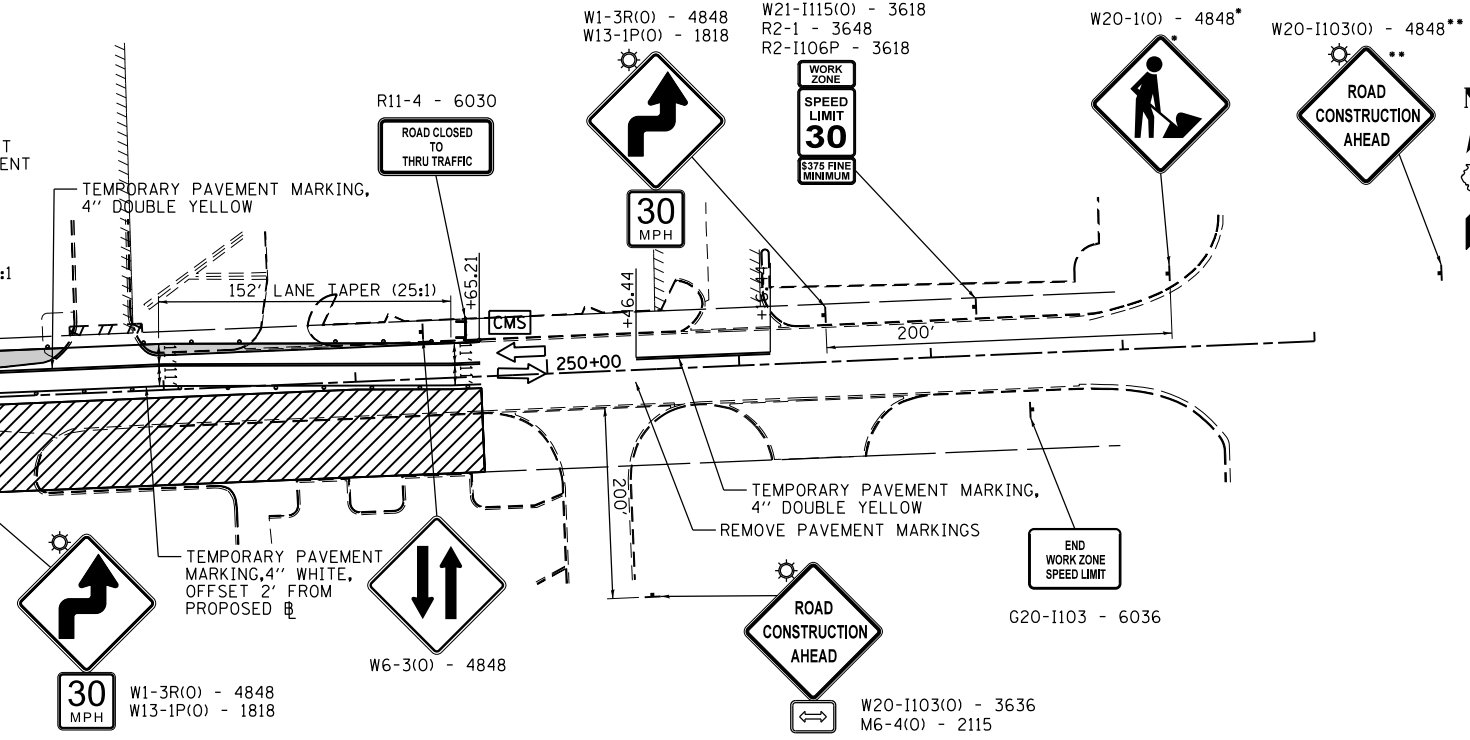
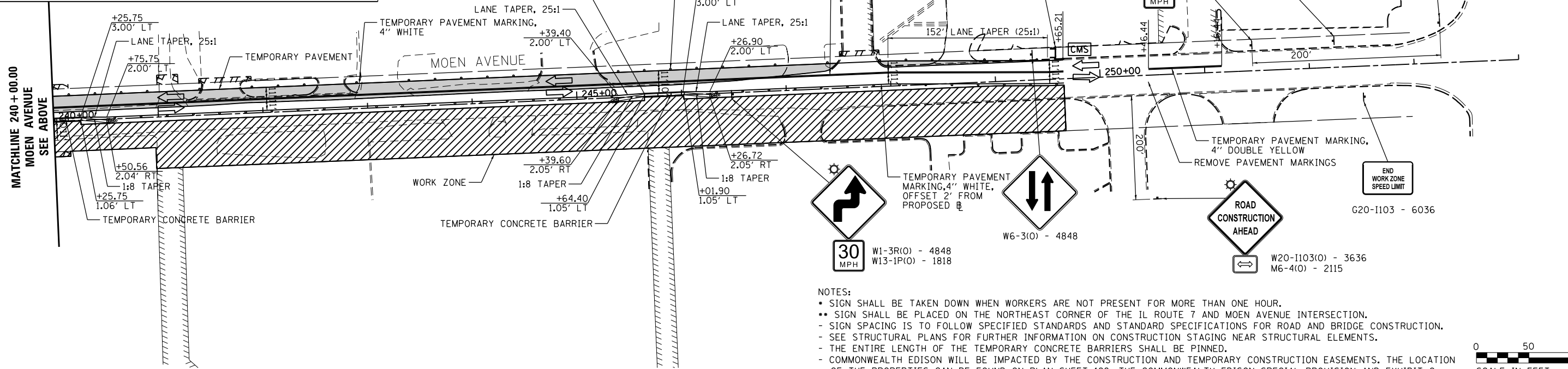
LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTES:

- SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
- THE ENTIRE LENGTH OF THE TEMPORARY CONCRETE BARRIERS SHALL BE PINNED.
- COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.

MATCHLINE 240 + 00.00
MOEN AVENUE
SEE ABOVE



NOTES:

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
- SIGN SHALL BE PLACED ON THE NORTHEAST CORNER OF THE IL ROUTE 7 AND MOEN AVENUE INTERSECTION.
- SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
- THE ENTIRE LENGTH OF THE TEMPORARY CONCRETE BARRIERS SHALL BE PINNED.
- COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.



FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-11-stgmgf18.dgn

REVISION	DATE	BY	REMARKS

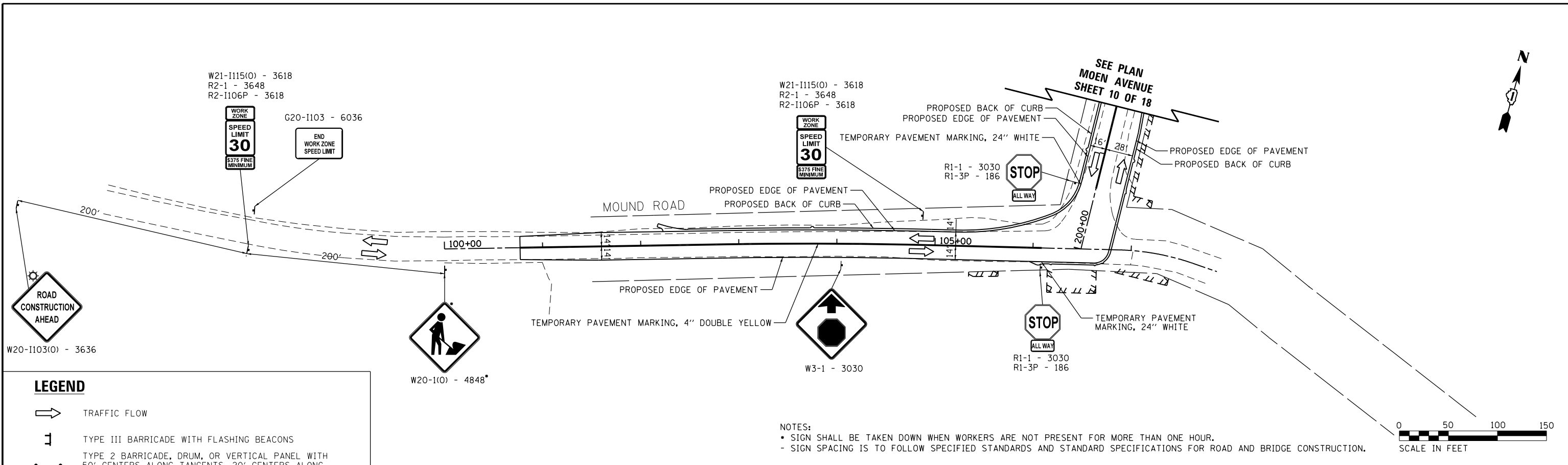
DRAWN JSH
 CHECKED GFS
 APPROVED GFS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

79 MOEN AVENUE
 ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 MOEN AVENUE PLAN SHEET - SHEET 11 OF 18
 STAGE 4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	74
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTES:

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
- SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

FILE = S:\PROJECTS\2016\1189J16-RK_Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-stg4mg4C.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

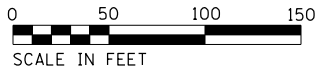
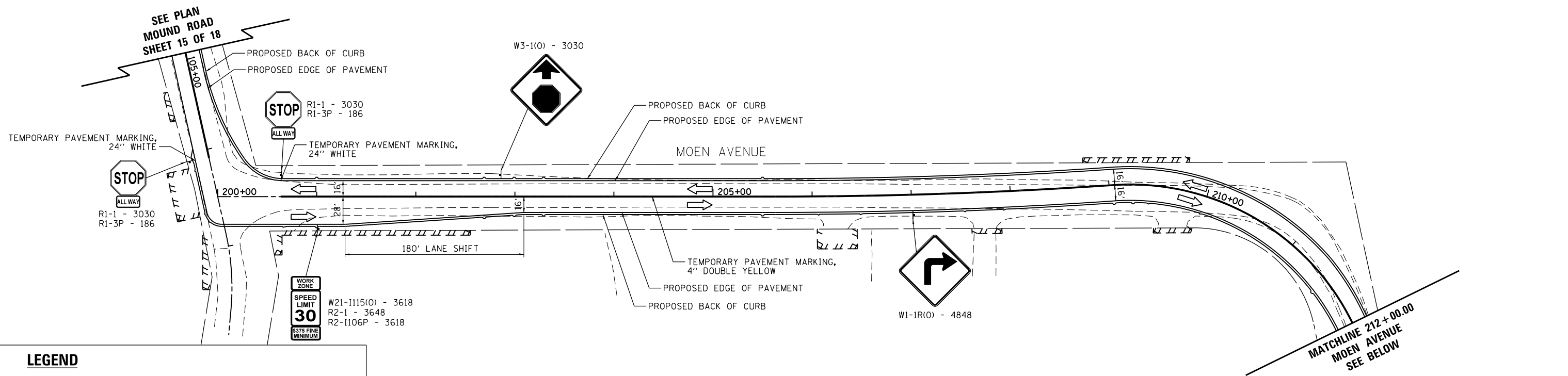
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOUET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

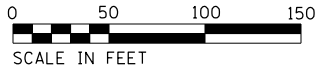
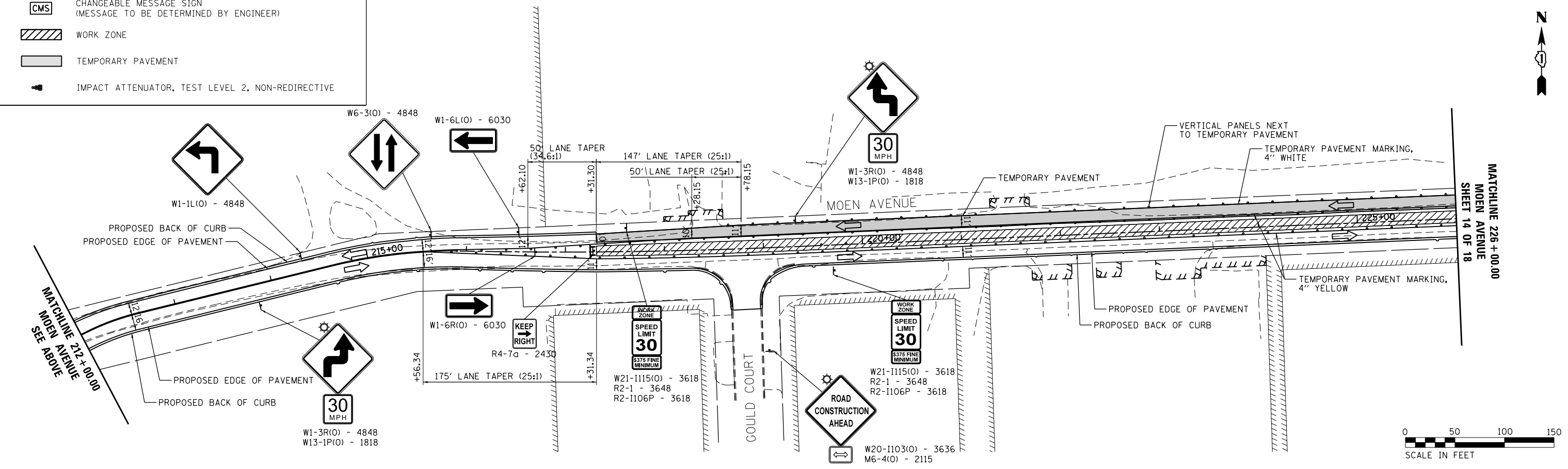
STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOUND ROAD PLAN SHEET - SHEET 12 OF 18
STAGE 4

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	75
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE



FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-5-stgmg5A.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOULET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOEN AVENUE PLAN SHEET - SHEET 13 OF 18
STAGE 5

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	76
CONTRACT 61E00				
WHA# 1189J16	ILLINOIS			



MATCHLINE 226+00.00
MOEN AVENUE
SHEET 13 OF 18

MATCHLINE 240+00.00
MOEN AVENUE
SEE BELOW

LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

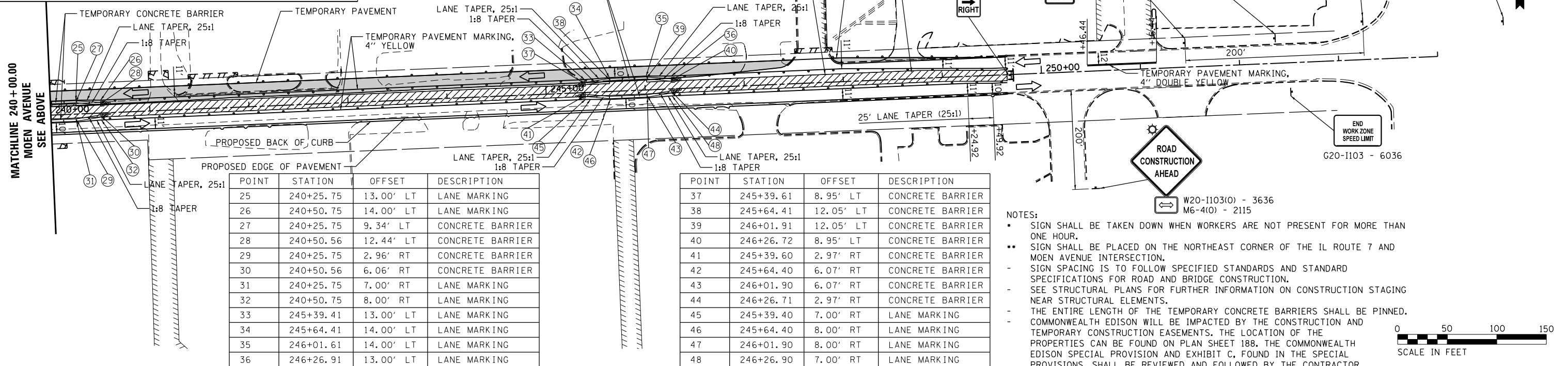
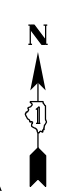
POINT	STATION	OFFSET	DESCRIPTION
1	232+91.02	13.00' LT	LANE MARKING
2	233+16.02	14.00' LT	LANE MARKING
3	233+66.02	14.00' LT	LANE MARKING
4	233+91.02	13.00' LT	LANE MARKING
5	232+91.22	8.96' LT	CONCRETE BARRIER
6	233+16.02	12.06' LT	CONCRETE BARRIER
7	233+66.02	12.06' LT	CONCRETE BARRIER
8	233+90.83	8.96' LT	CONCRETE BARRIER
9	232+96.05	2.96' RT	CONCRETE BARRIER
10	233+20.86	6.06' RT	CONCRETE BARRIER
11	233+70.86	6.06' RT	CONCRETE BARRIER
12	233+95.67	2.96' RT	CONCRETE BARRIER

POINT	STATION	OFFSET	DESCRIPTION
13	232+95.86	7.00' RT	LANE MARKING
14	233+20.86	8.00' RT	LANE MARKING
15	233+70.86	8.00' RT	LANE MARKING
16	233+95.86	7.00' RT	LANE MARKING
17	239+63.25	13.00' LT	LANE MARKING
18	239+88.25	14.00' LT	LANE MARKING
19	239+63.44	9.34' LT	CONCRETE BARRIER
20	239+88.25	12.44' LT	CONCRETE BARRIER
21	239+63.44	2.96' RT	CONCRETE BARRIER
22	239+88.25	6.06' RT	CONCRETE BARRIER
23	239+63.25	7.00' RT	LANE MARKING
24	239+88.25	8.00' RT	LANE MARKING

NOTES:

- SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
- THE ENTIRE LENGTH OF THE TEMPORARY CONCRETE BARRIERS SHALL BE PINNED.
- COMMONWEALTH EDISON WILL BE IMPACTED BY THE CONSTRUCTION AND TEMPORARY CONSTRUCTION EASEMENTS. THE LOCATION OF THE PROPERTIES CAN BE FOUND ON PLAN SHEET 188. THE COMMONWEALTH EDISON SPECIAL PROVISION AND EXHIBIT C, FOUND IN THE SPECIAL PROVISIONS, SHALL BE REVIEWED AND FOLLOWED BY THE CONTRACTOR.

MATCHLINE 240+00.00
MOEN AVENUE
SEE ABOVE



POINT	STATION	OFFSET	DESCRIPTION
25	240+25.75	13.00' LT	LANE MARKING
26	240+50.75	14.00' LT	LANE MARKING
27	240+25.75	9.34' LT	CONCRETE BARRIER
28	240+50.56	12.44' LT	CONCRETE BARRIER
29	240+25.75	2.96' RT	CONCRETE BARRIER
30	240+50.56	6.06' RT	CONCRETE BARRIER
31	240+25.75	7.00' RT	LANE MARKING
32	240+50.75	8.00' RT	LANE MARKING
33	245+39.41	13.00' LT	LANE MARKING
34	245+64.41	14.00' LT	LANE MARKING
35	246+01.61	14.00' LT	LANE MARKING
36	246+26.91	13.00' LT	LANE MARKING

POINT	STATION	OFFSET	DESCRIPTION
37	245+39.61	8.95' LT	CONCRETE BARRIER
38	245+64.41	12.05' LT	CONCRETE BARRIER
39	246+01.91	12.05' LT	CONCRETE BARRIER
40	246+26.72	8.95' LT	CONCRETE BARRIER
41	245+39.60	2.97' RT	CONCRETE BARRIER
42	245+64.40	6.07' RT	CONCRETE BARRIER
43	246+01.90	6.07' RT	CONCRETE BARRIER
44	246+26.71	2.97' RT	CONCRETE BARRIER
45	245+39.40	7.00' RT	LANE MARKING
46	245+64.40	8.00' RT	LANE MARKING
47	246+01.90	8.00' RT	LANE MARKING
48	246+26.90	7.00' RT	LANE MARKING

NOTES:

- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
- SIGN SHALL BE PLACED ON THE NORTHEAST CORNER OF THE IL ROUTE 7 AND MOEN AVENUE INTERSECTION.
- SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
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FILE = S:\PROJECTS\2016\1189J16 - Rk. Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-staging5B.dgn

REVISION	DATE	BY	REMARKS

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CHECKED GFS
APPROVED GFS

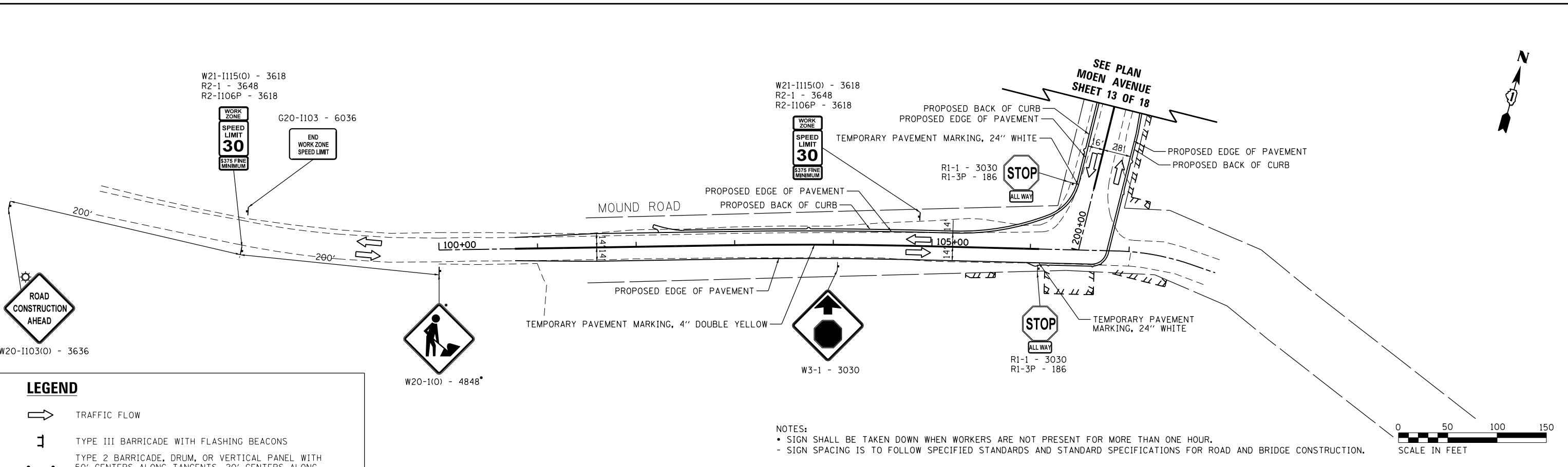
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 315-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOEN AVENUE PLAN SHEET - SHEET 14 OF 18
STAGE 5

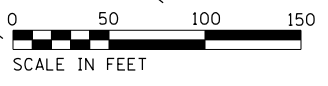
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	77
WHA* 1189J16 ILLINOIS			CONTRACT 61E00	



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTES:
 • SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
 - SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.



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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLETT HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOUET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

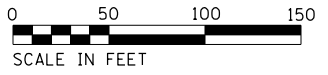
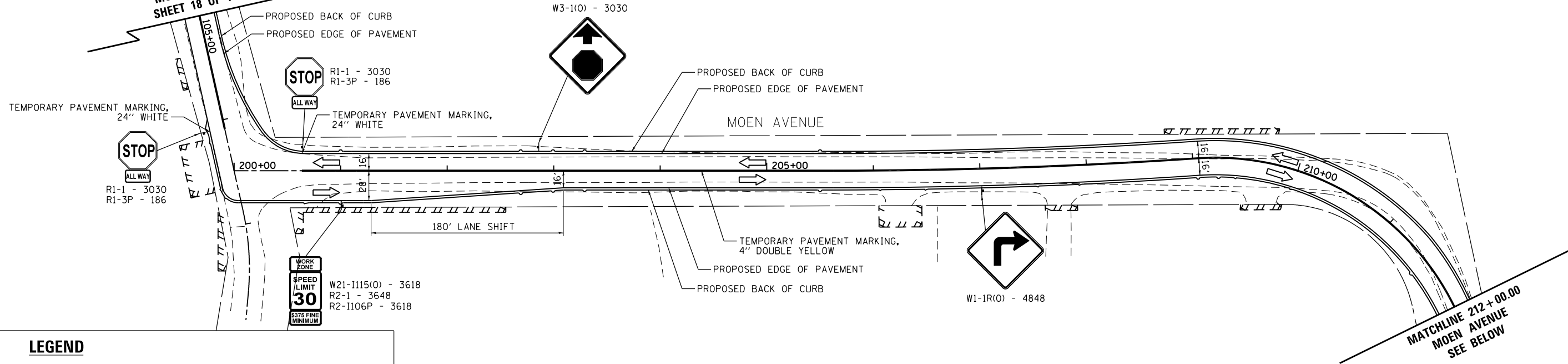
ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOUND ROAD PLAN SHEET - SHEET 15 OF 18
 STAGE 5

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	78
WHA* 1189J16 ILLINOIS			CONTRACT 61E00	

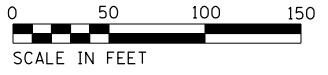
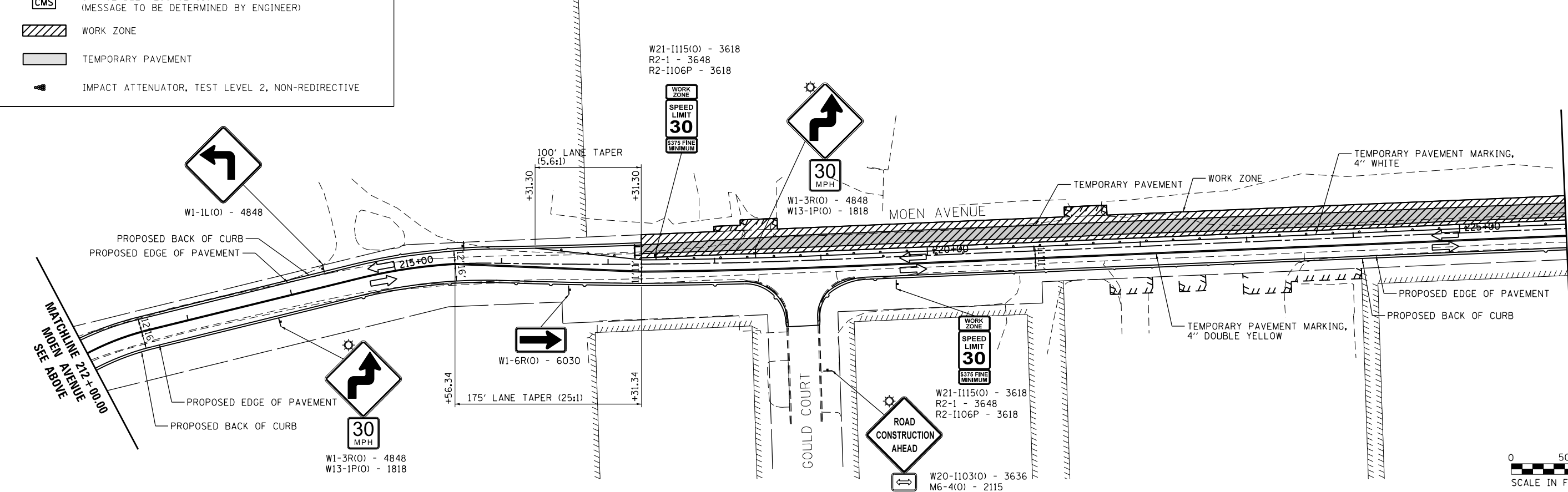


SEE PLAN
MOUND ROAD
SHEET 18 OF 18



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE



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REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

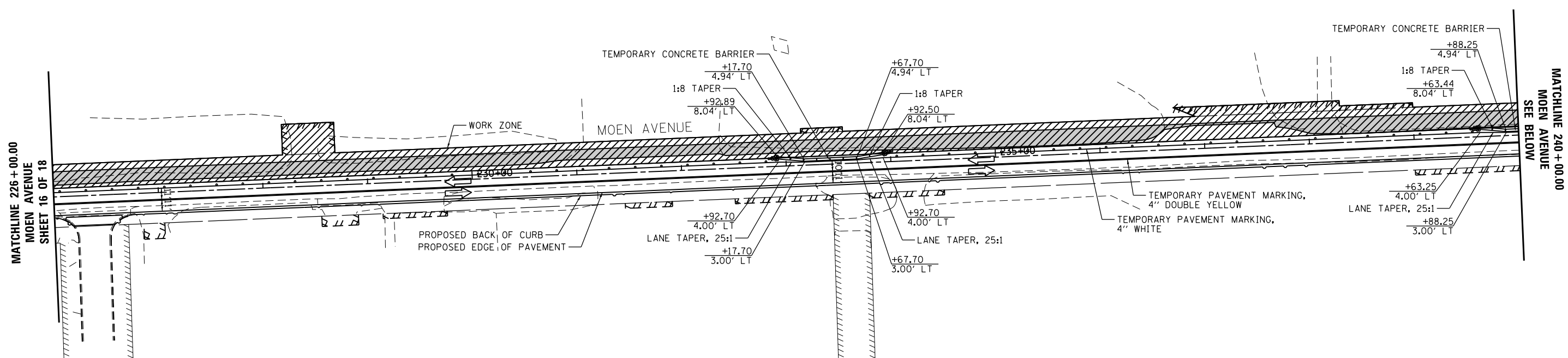
STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOEN AVENUE PLAN SHEET - SHEET 16 OF 18
STAGE 6

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	79
CONTRACT 61E00				
WHA* 1189J16	ILLINOIS			










MATCHLINE 226 + 00.00
MOEN AVENUE
SHEET 16 OF 18

MATCHLINE 240 + 00.00
MOEN AVENUE
SEE BELOW

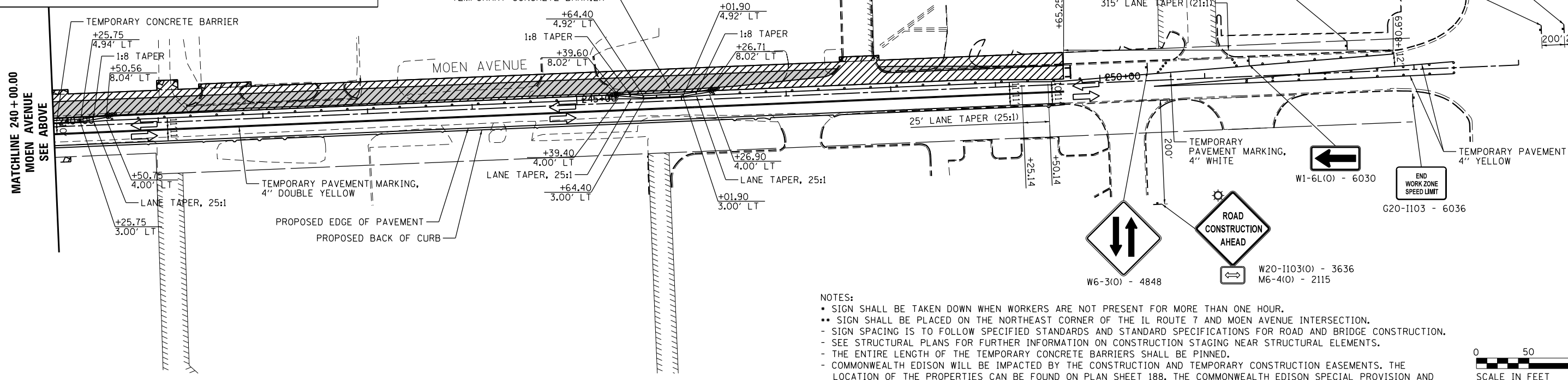
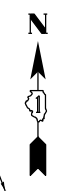


LEGEND

-  TRAFFIC FLOW
-  TYPE III BARRICADE WITH FLASHING BEACONS
-  TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
-  CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
-  WORK ZONE
-  TEMPORARY PAVEMENT
-  IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

- NOTES:
- SEE STRUCTURAL PLANS FOR FURTHER INFORMATION ON CONSTRUCTION STAGING NEAR STRUCTURAL ELEMENTS.
 - THE ENTIRE LENGTH OF THE TEMPORARY CONCRETE BARRIERS SHALL BE PINNED.
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MATCHLINE 240 + 00.00
MOEN AVENUE
SEE ABOVE



- NOTES:
- SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.
 - SIGN SHALL BE PLACED ON THE NORTHEAST CORNER OF THE IL ROUTE 7 AND MOEN AVENUE INTERSECTION.
 - SIGN SPACING IS TO FOLLOW SPECIFIED STANDARDS AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
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 APPROVED GFS

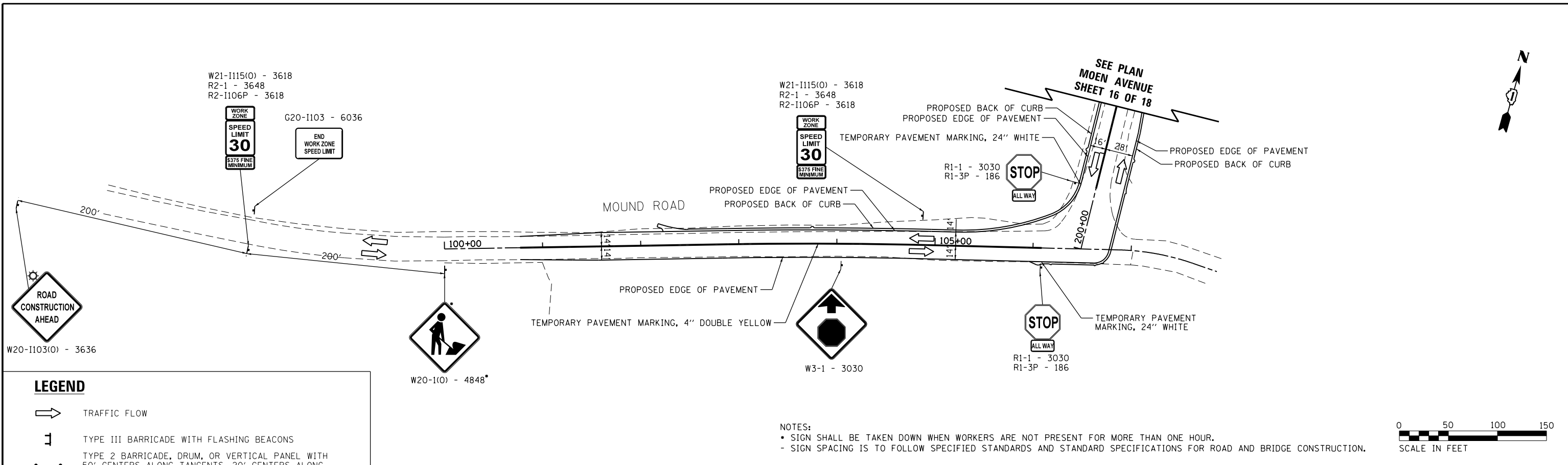
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 MOEN AVENUE PLAN SHEET - SHEET 17 OF 18
 STAGE 6

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	80
WHA* 1189J16			ILLINOIS	

CONTRACT 61E00



LEGEND

- TRAFFIC FLOW
- TYPE III BARRICADE WITH FLASHING BEACONS
- TYPE 2 BARRICADE, DRUM, OR VERTICAL PANEL WITH 50' CENTERS ALONG TANGENTS, 20' CENTERS ALONG TAPERS, AND 10' CENTERS ALONG RADII AND CURVES
- CHANGEABLE MESSAGE SIGN (MESSAGE TO BE DETERMINED BY ENGINEER)
- WORK ZONE
- TEMPORARY PAVEMENT
- IMPACT ATTENUATOR, TEST LEVEL 2, NON-REDIRECTIVE

NOTES:

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REVISION	DATE	BY	REMARKS

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CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

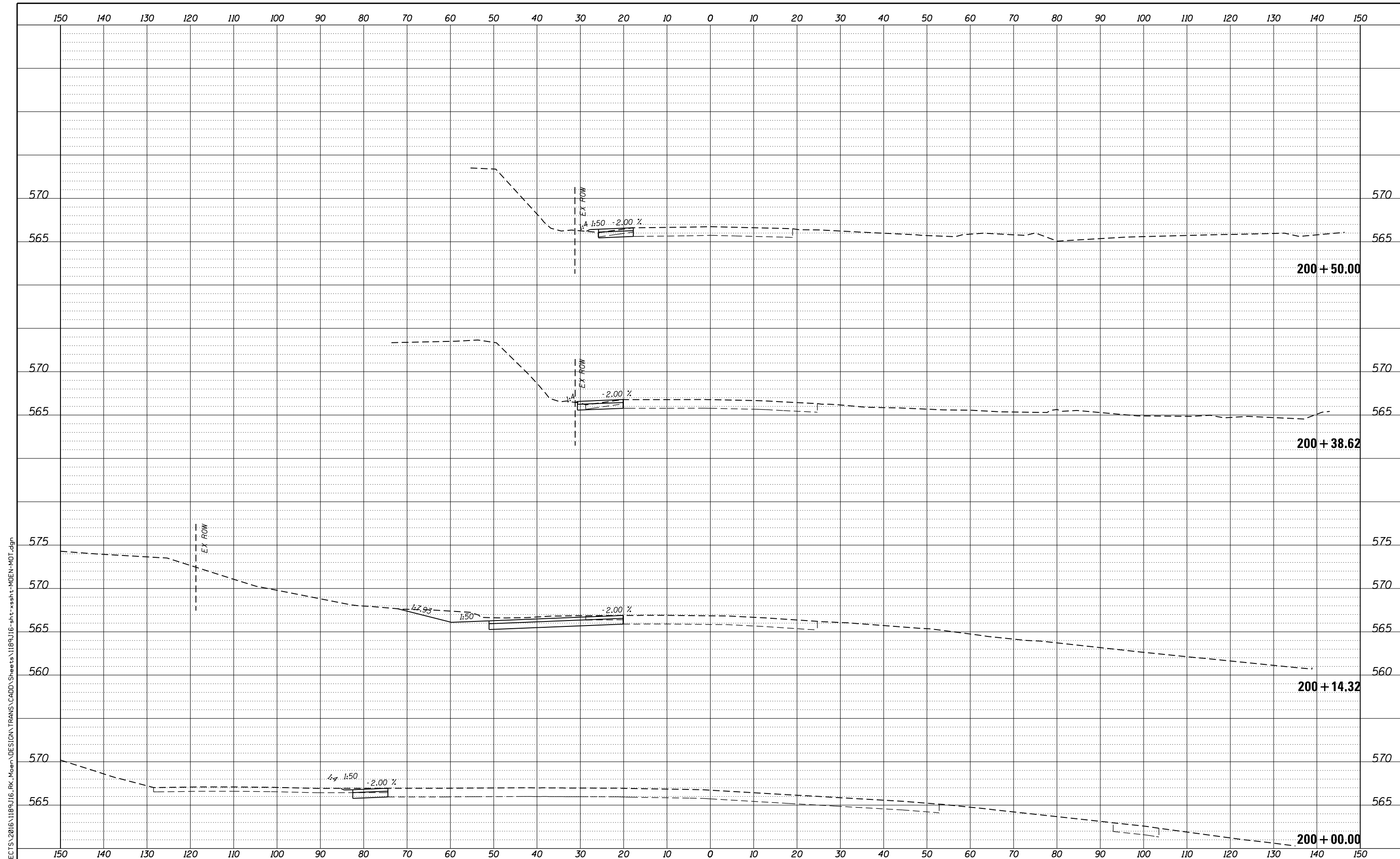
WILLET HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOUET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
MOUND ROAD PLAN SHEET - SHEET 18 OF 18

STAGE 6

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	81
CONTRACT 61E00				
WHA* 1189J16		ILLINOIS		



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REVISION	DATE	BY	REMARKS

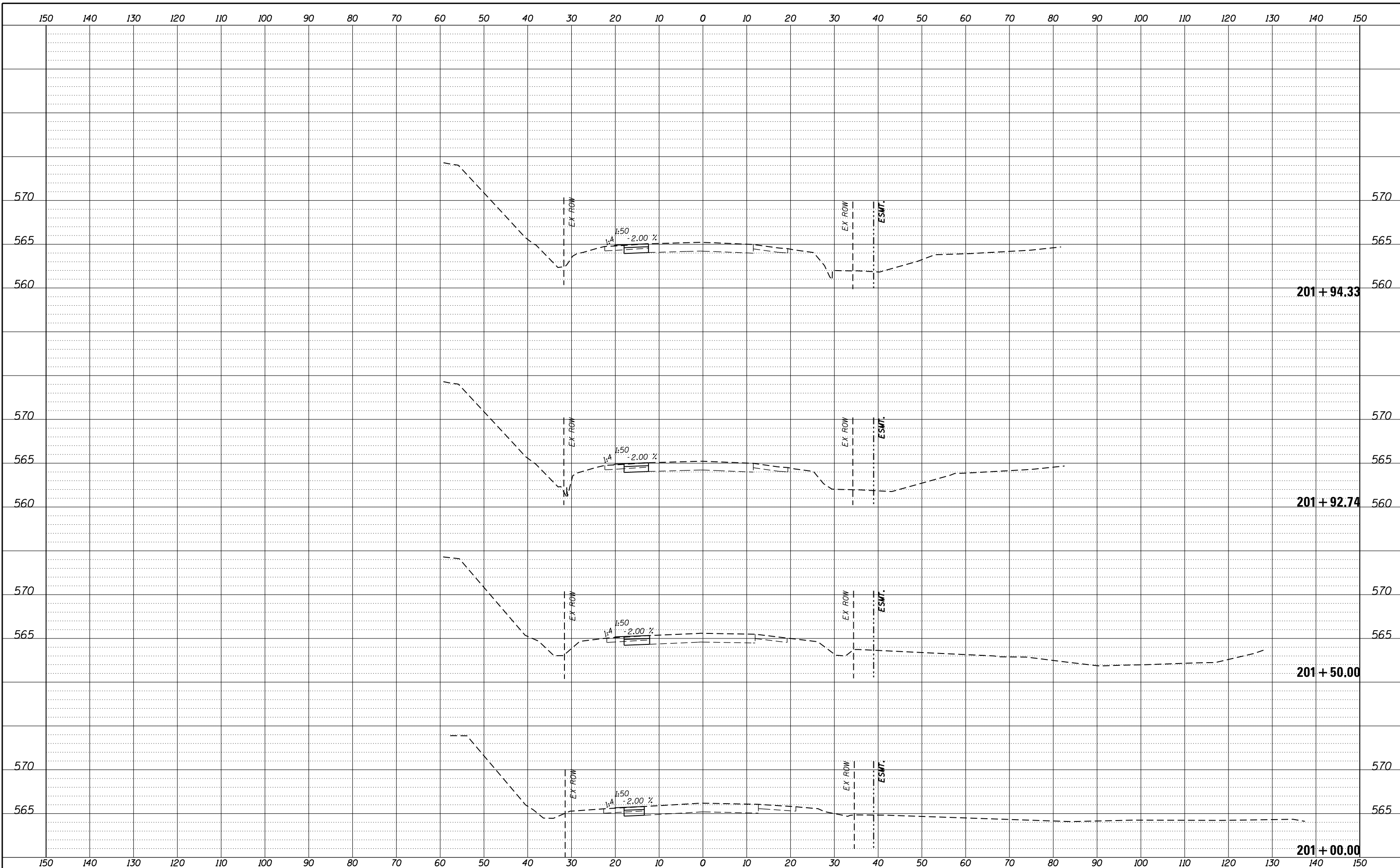
DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 1 OF 66
STA. 200+00.00 TO 200+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	82
WHA*1189J16			ILLINOIS	
			CONTRACT 61E00	

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REVISION	DATE	BY	REMARKS

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CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

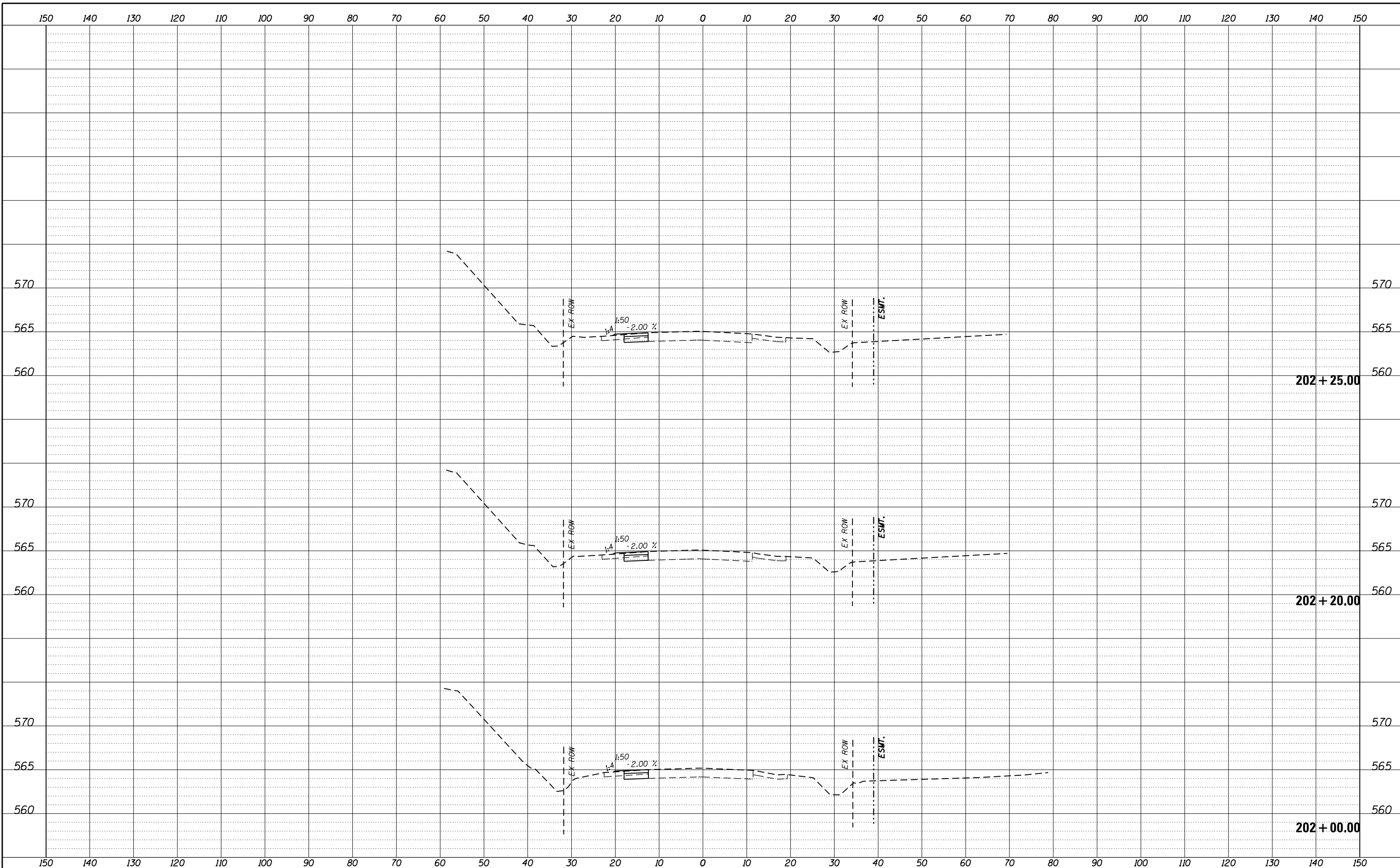
WILLETTS HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 2 OF 66
STA. 201 + 00.00 TO 201 + 94.33

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	83
WHA*1189J16 ILLINOIS			CONTRACT 61E00	

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-xasht-MOEN-MOT.dgn



REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

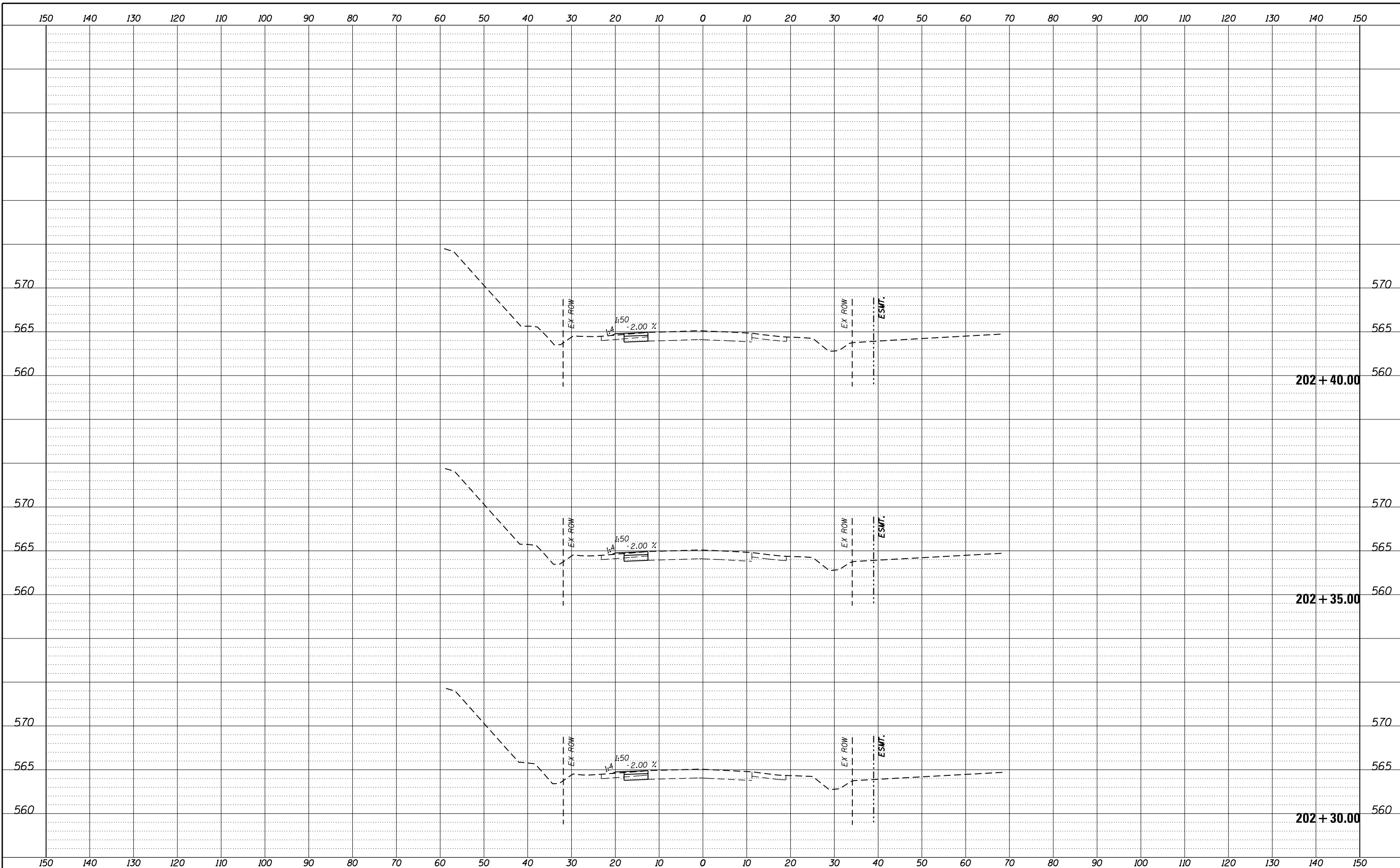
ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 3 OF 43

STA. 202 + 00.00 TO 202 + 25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	84
CONTRACT 61E00			ILLINOIS	

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-xasht-MOEN-MOT.dgn



REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

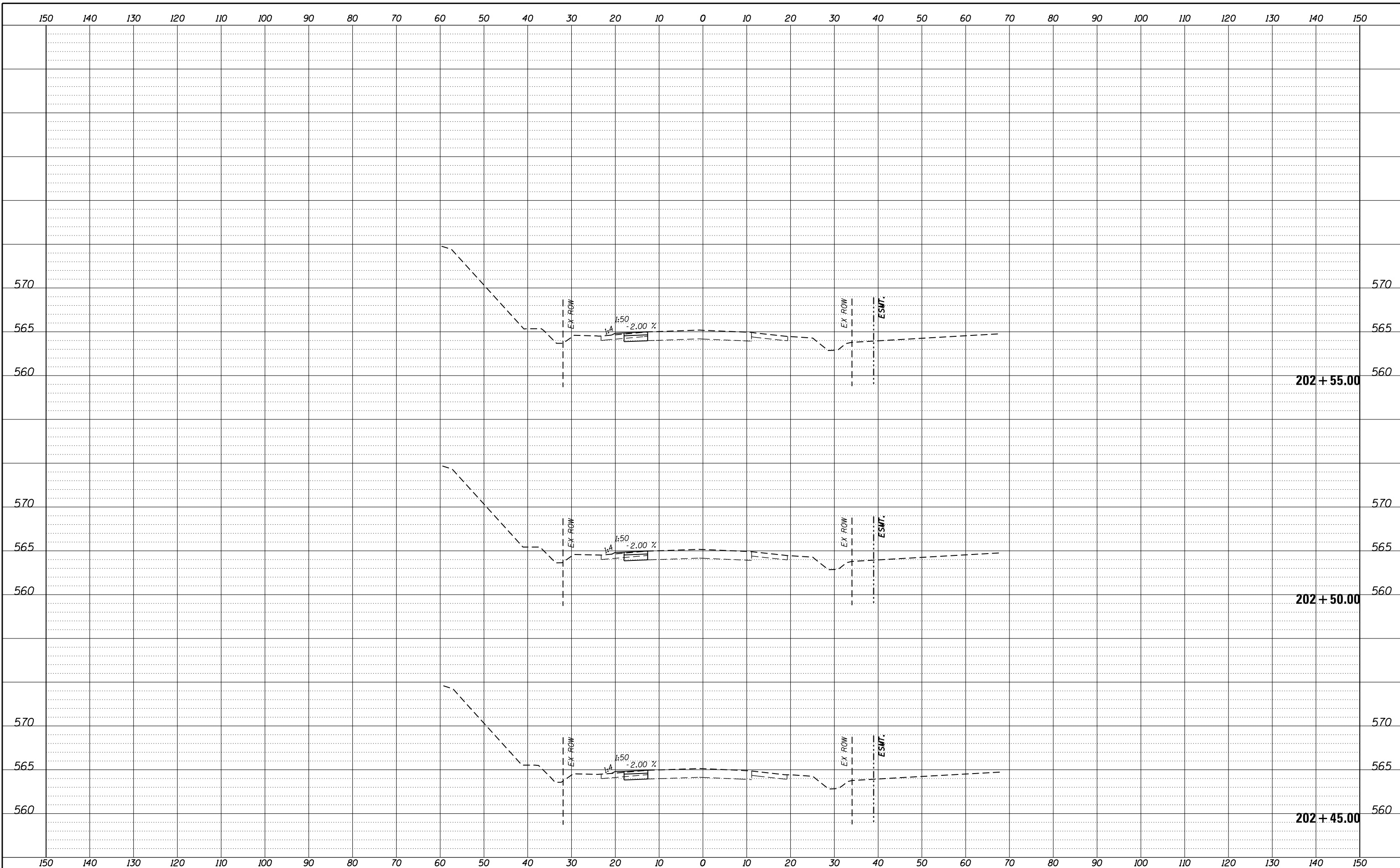
WILLETT HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 4 OF 66
 STA. 202 + 30.00 TO 202 + 40.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	85
CONTRACT 61E00				
WHA*1189J16	ILLINOIS			

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-xasht-MOEN-MOT.dgn



REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

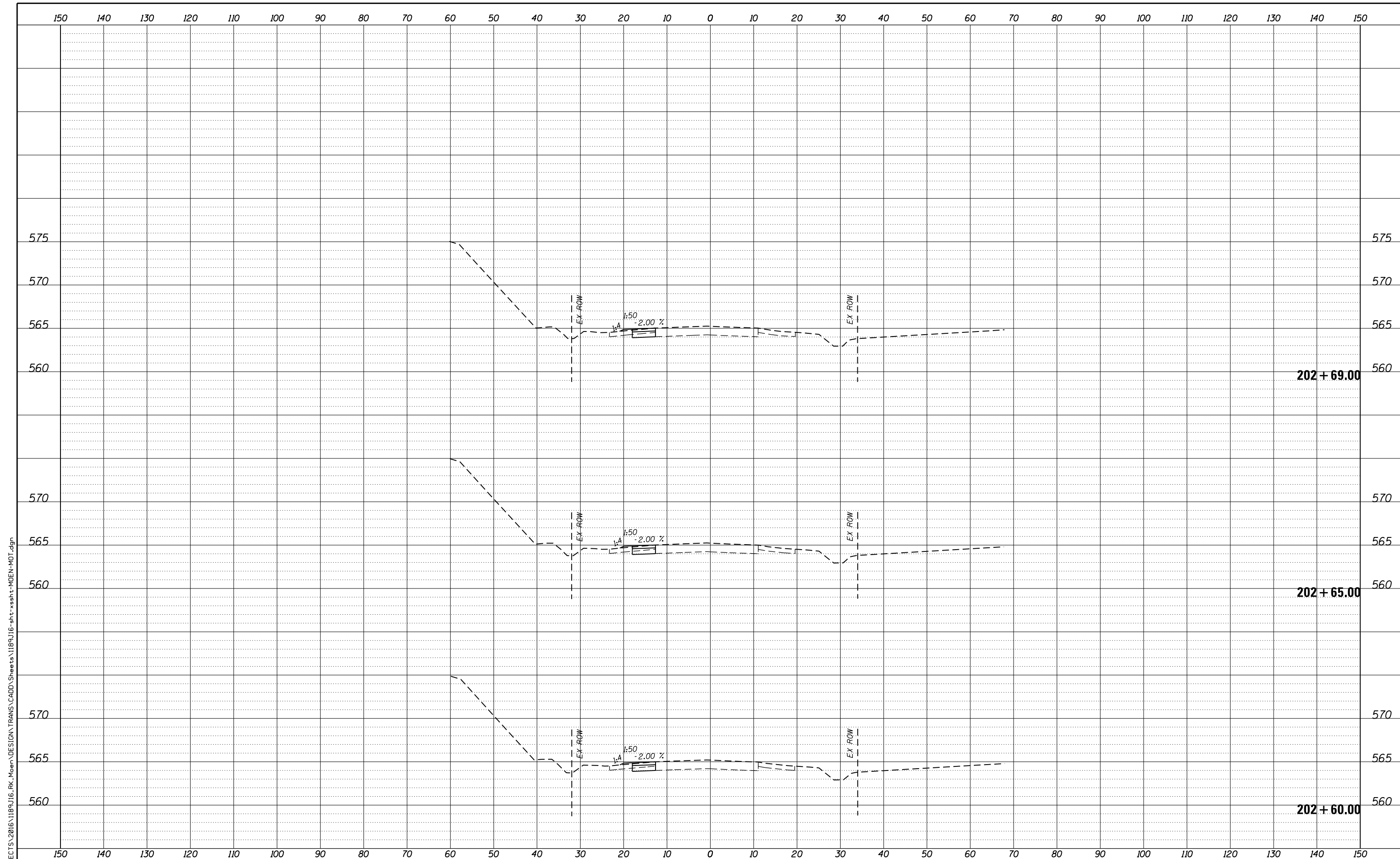
WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 5 OF 66

STA. 204 + 45.00 TO 202 + 55.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	86
CONTRACT 61E00			ILLINOIS	



FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-xasht-MOEN-MOT.dgn

REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

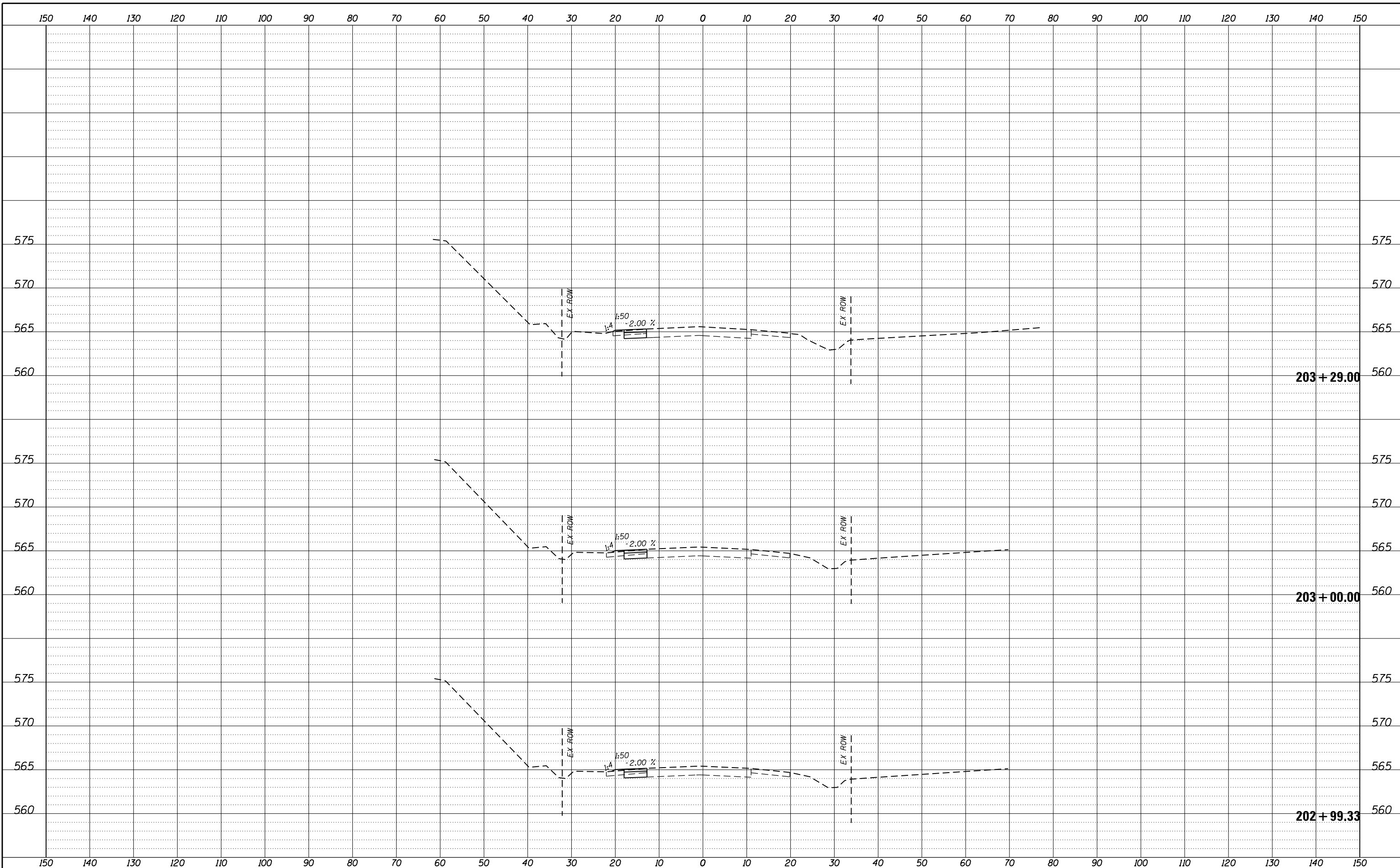
WILLETT HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 1000 ESSINGTON ROAD, JOLET, IL 60435
 T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 6 OF 66
 STA. 206 + 60.00 TO 202 + 69.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	87
CONTRACT 61E00			ILLINOIS	

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-xasht-MOEN-MOT.dgn



REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WILLETT HOFMANN
& ASSOCIATES INC
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918



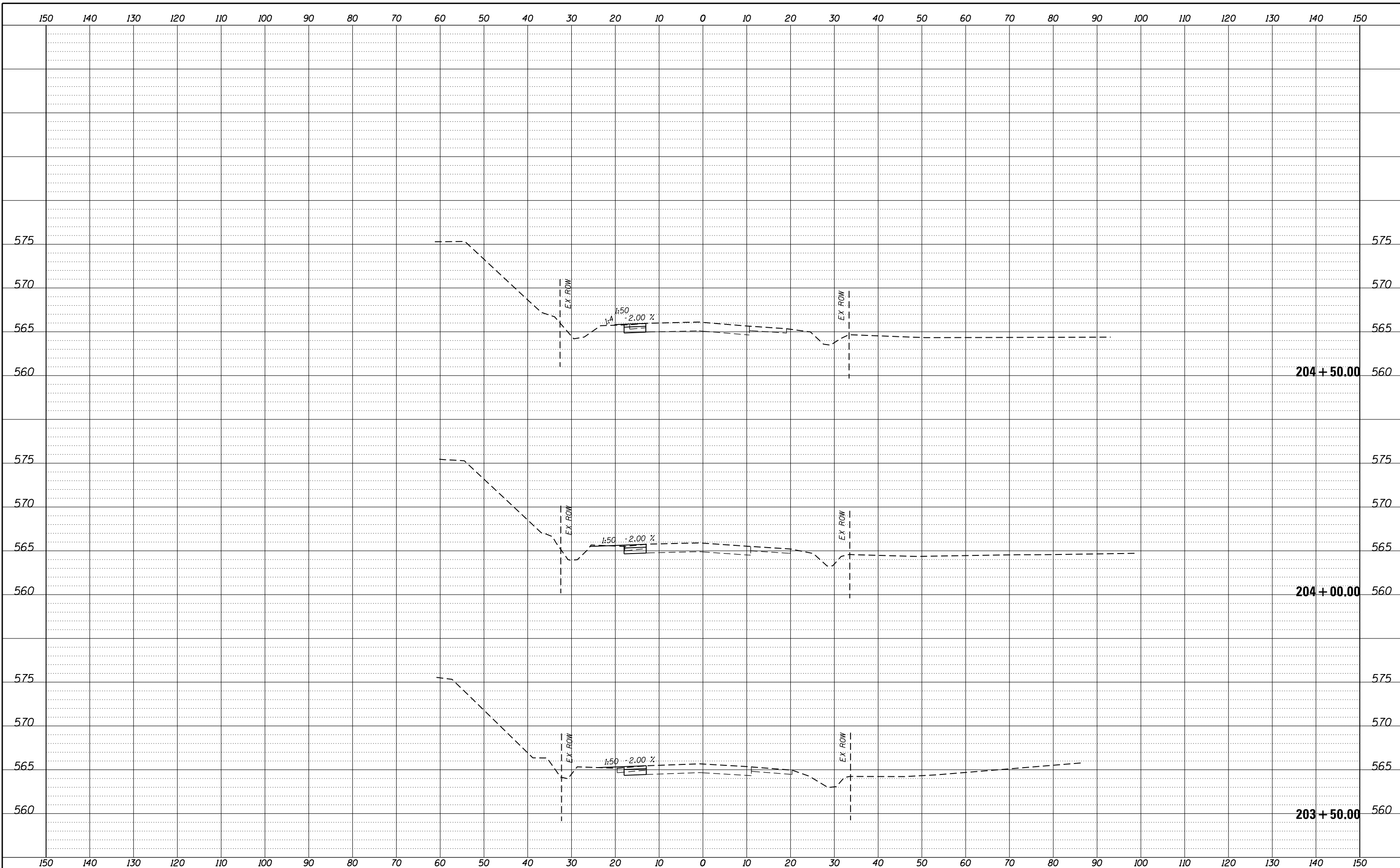
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 7 OF 66

STA. 202 + 99.33 TO 203 + 29.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	88
CONTRACT 61E00			ILLINOIS	

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-xasht-MOEN-MOT.dgn



REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

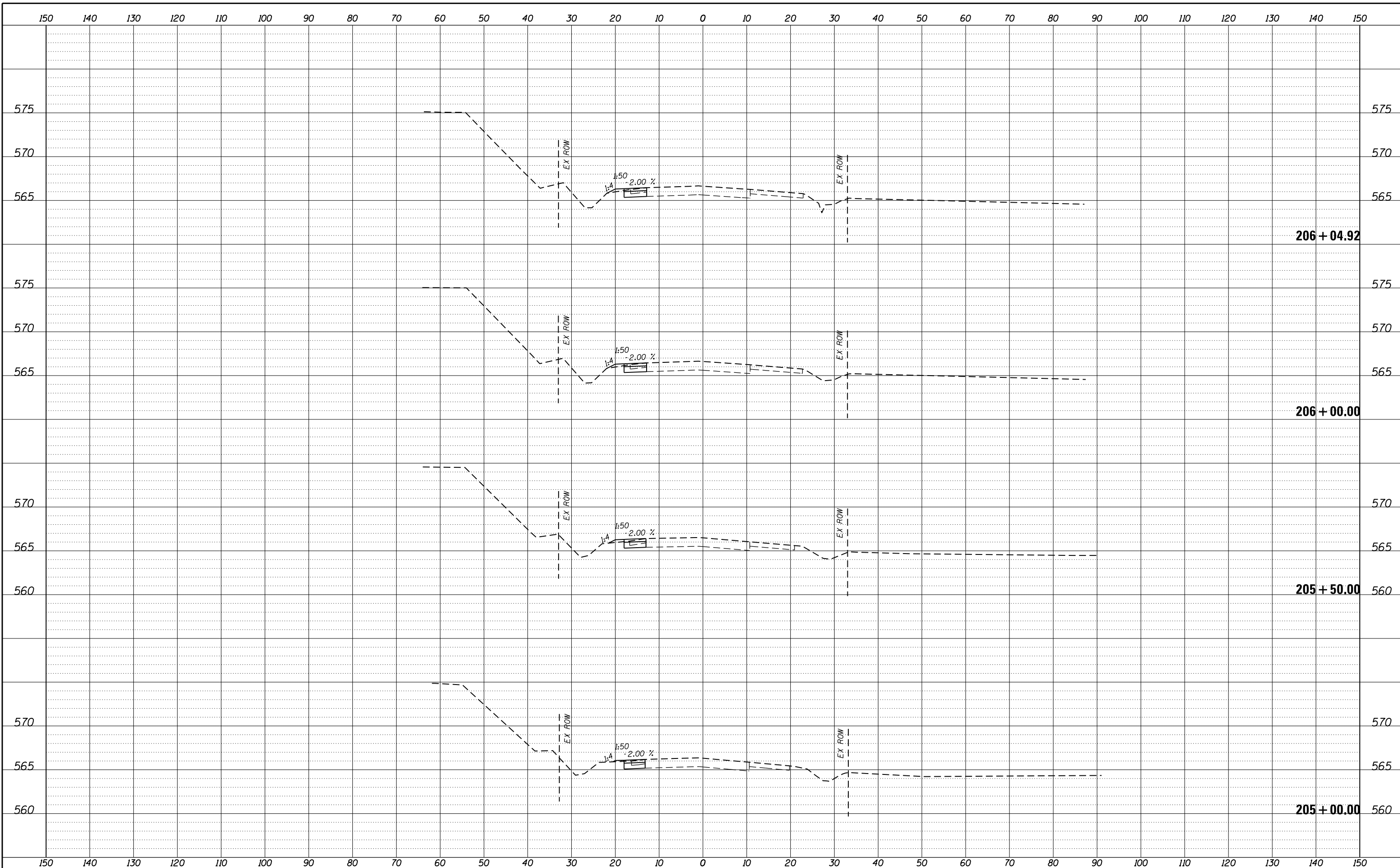
WILLET HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 8 OF 66
STA. 203 + 50.00 TO 204 + 50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	89
CONTRACT 61E00			ILLINOIS	

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-xasht-MOEN-MOT.dgn



REVISION	DATE	BY	REMARKS

DRAWN	JSH
CHECKED	GFS
APPROVED	GFS

STATE OF ILLINOIS
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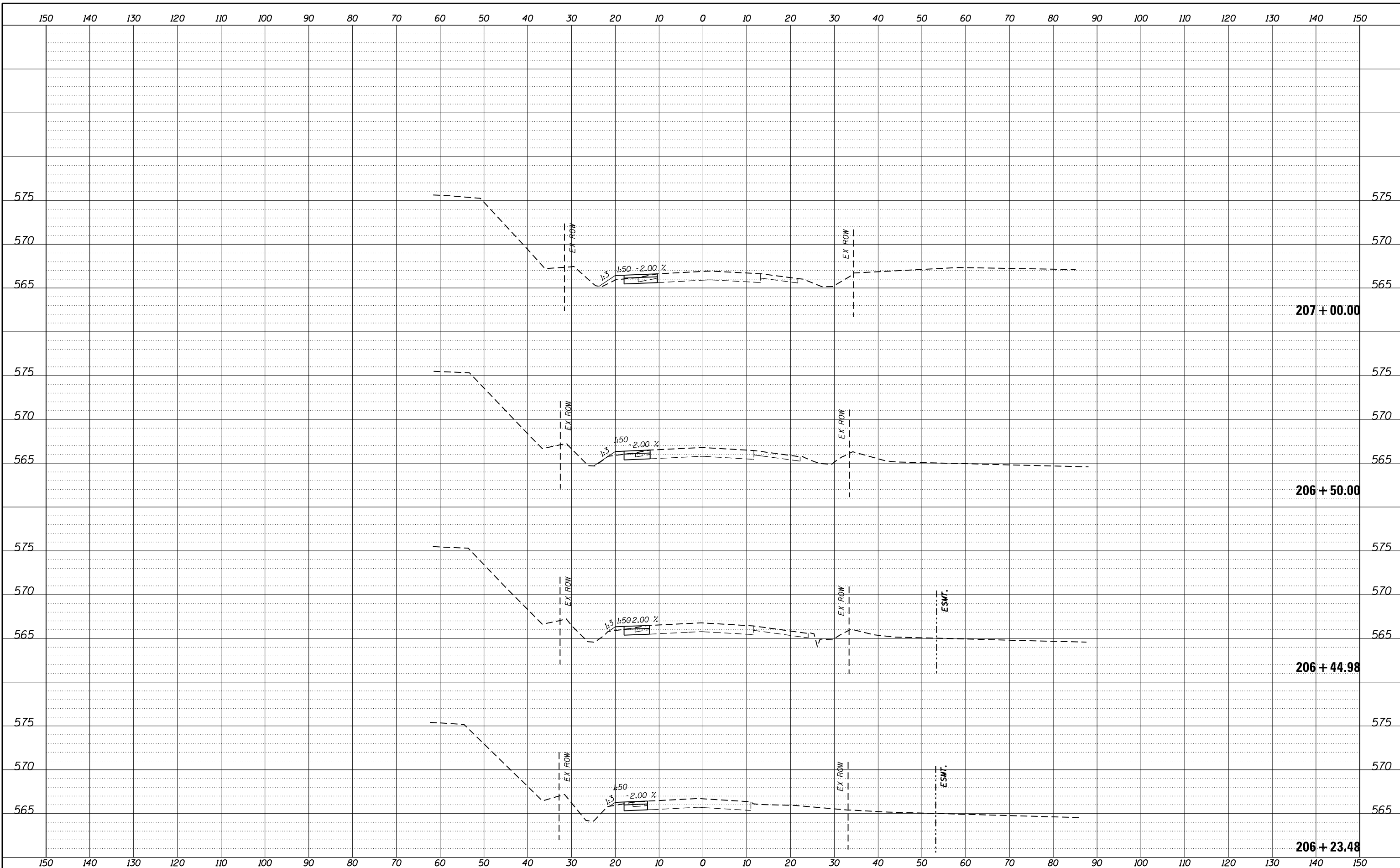
WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 9 OF 66
STA. 205+00.00 TO 206+04.92

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	90
CONTRACT 61E00			ILLINOIS	

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ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
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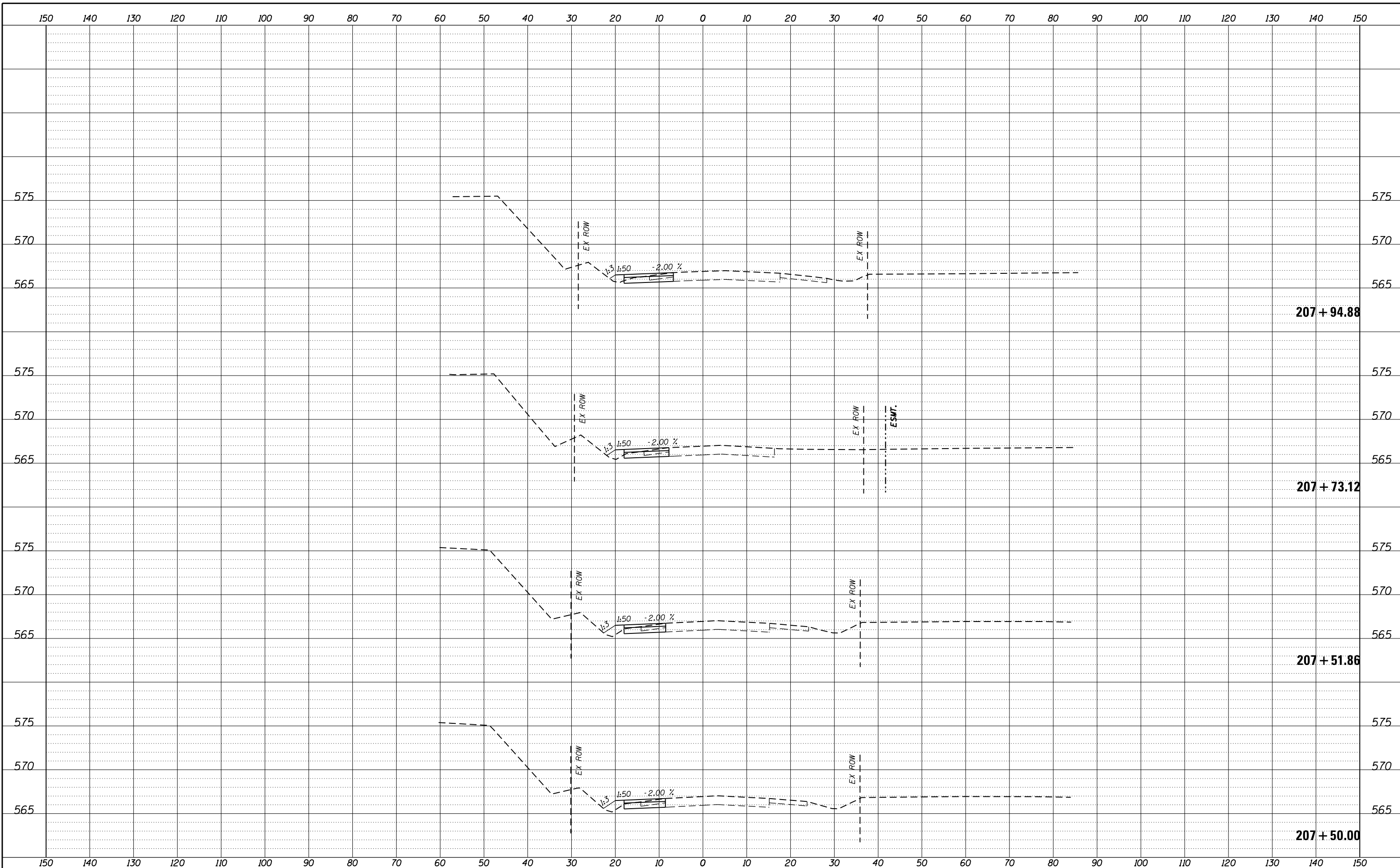
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 10 OF 66

STA. 206 + 23.48 TO 207 + 00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	91
WHA*1189J16			ILLINOIS	

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APPROVED	GFS

STATE OF ILLINOIS
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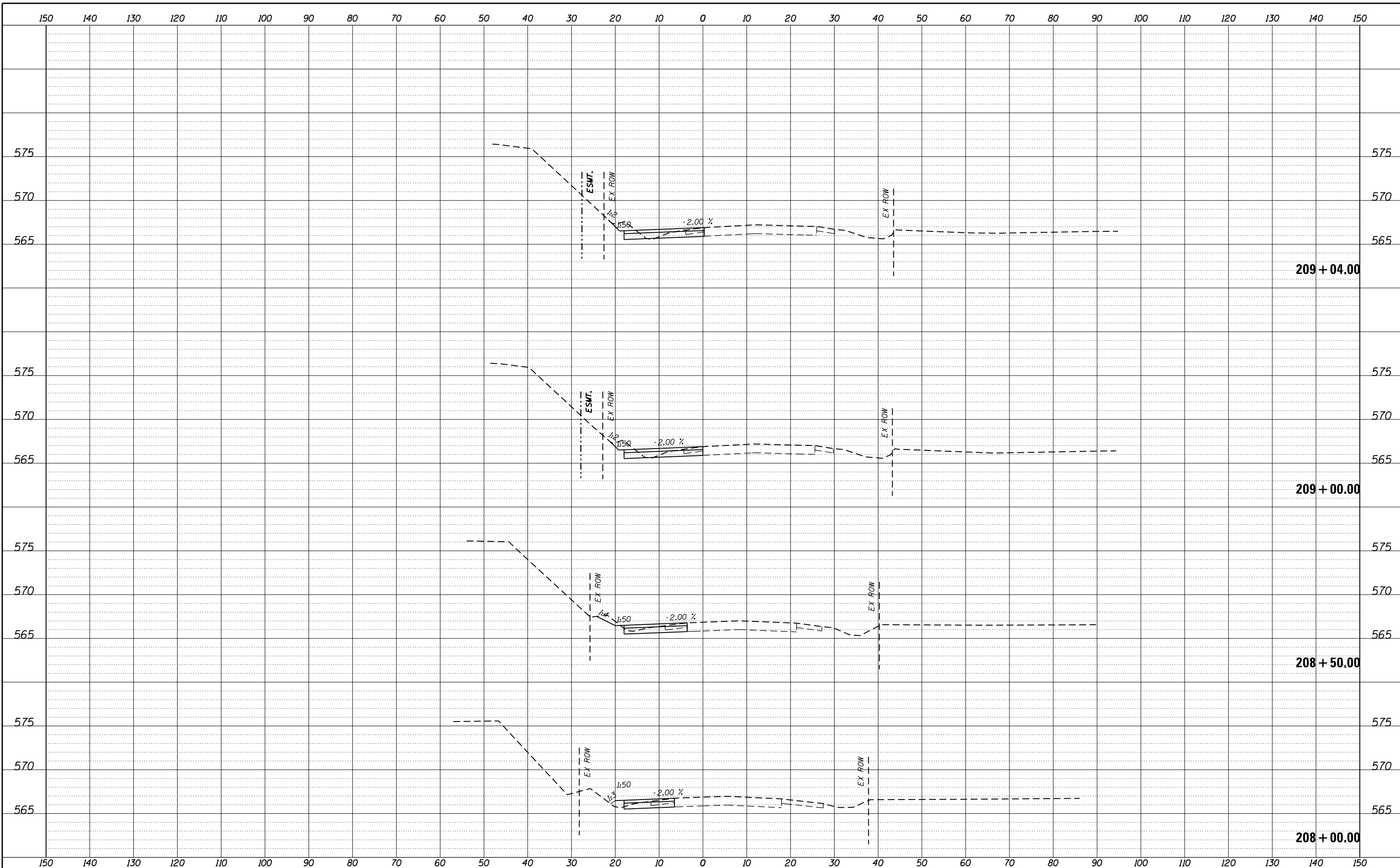
WILLETT HOFMANN & ASSOCIATES INC.
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ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 11 OF 66
STA. 207 + 50.00 TO 207 + 94.88

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	92
WHA*1189J16 ILLINOIS			CONTRACT 61E00	

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APPROVED	GFS

STATE OF ILLINOIS
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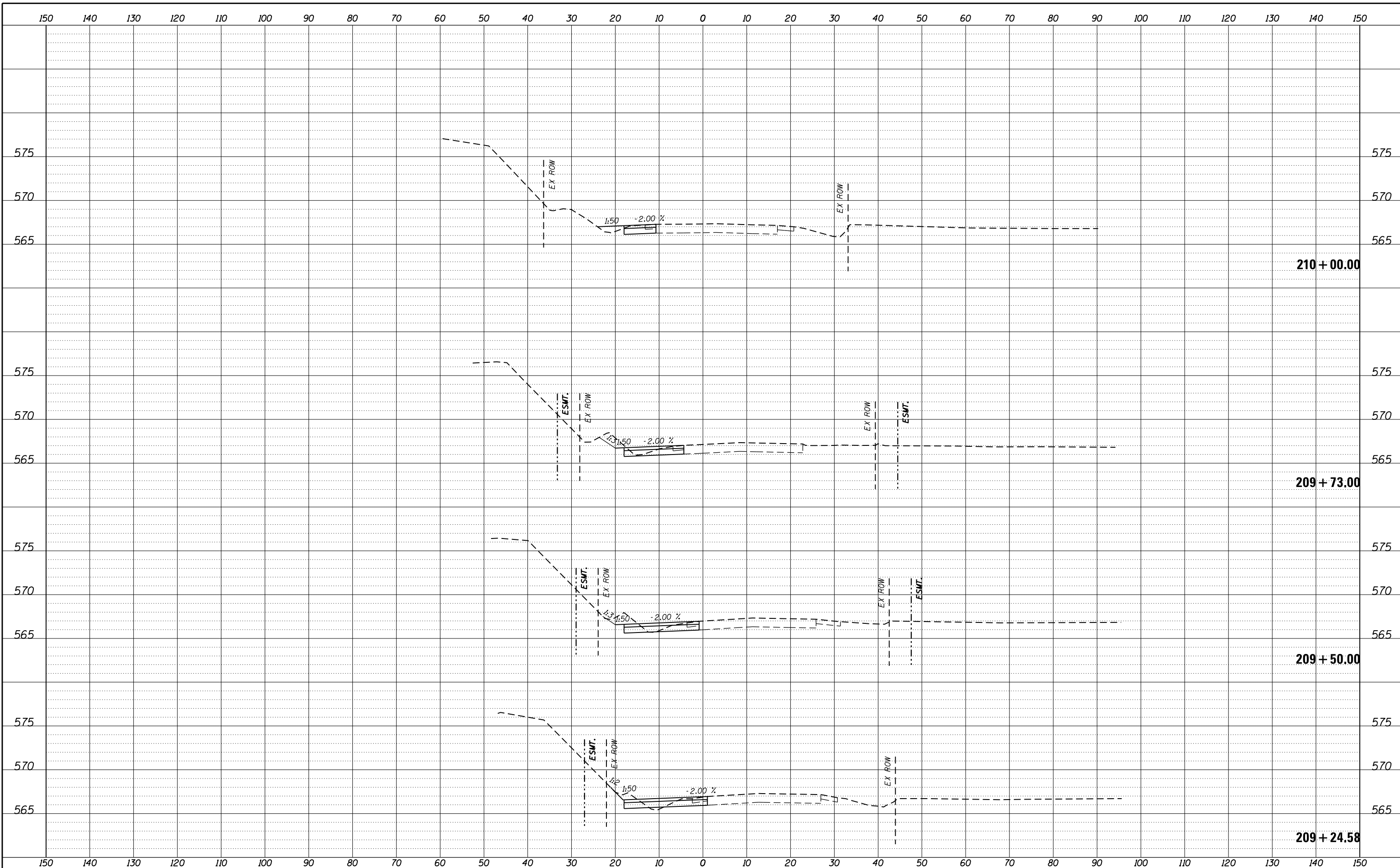
WILLETT HOFMANN & ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
1000 ESSINGTON ROAD, JOLET, IL 60435
T: 815-729-2229 DESIGN FIRM: #184-000918

ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 12 OF 66
STA. 208 + 00.00 TO 209 + 04.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	93
WHA*1189J16			ILLINOIS	
CONTRACT 61E00				

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APPROVED	GFS

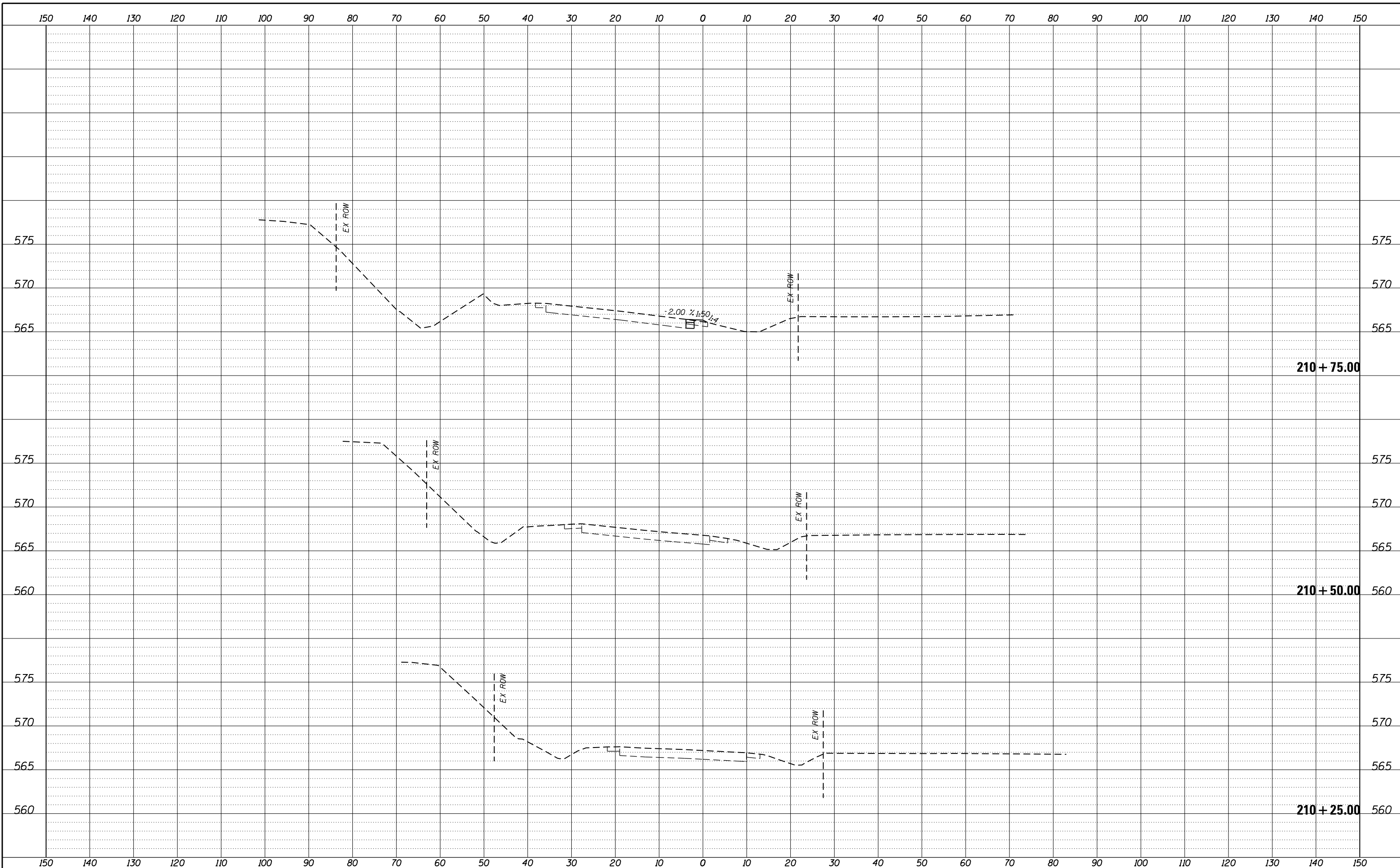
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 13 OF 66

STA. 209 + 24.58 TO 210 + 00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	94
WHA*1189J16			ILLINOIS	
CONTRACT 61E00				

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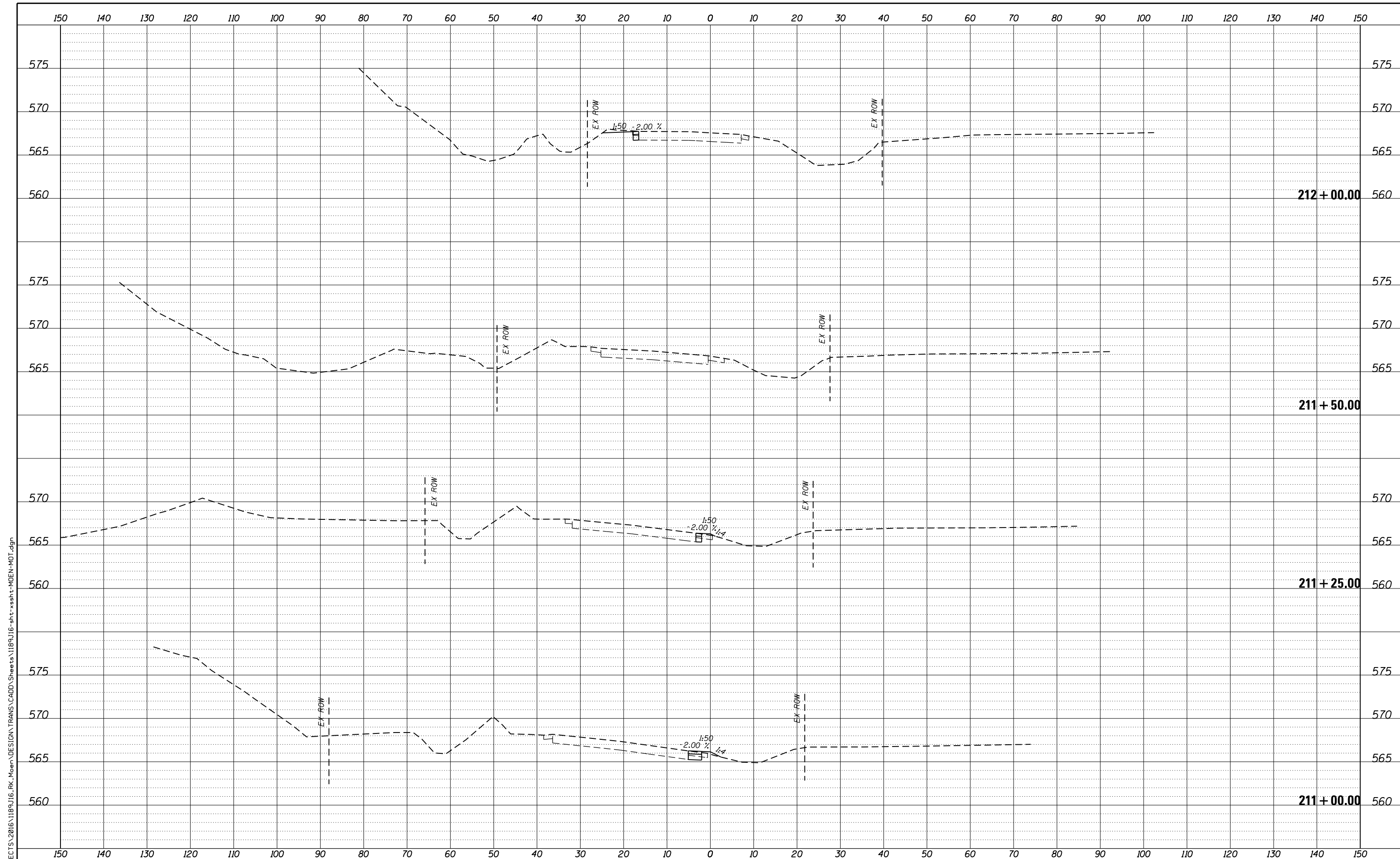
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APPROVED	GFS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 14 OF 66
STA. 210+25.00 TO 210+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	95
WHA*1189J16			ILLINOIS	
CONTRACT 61E00				



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DEPARTMENT OF TRANSPORTATION

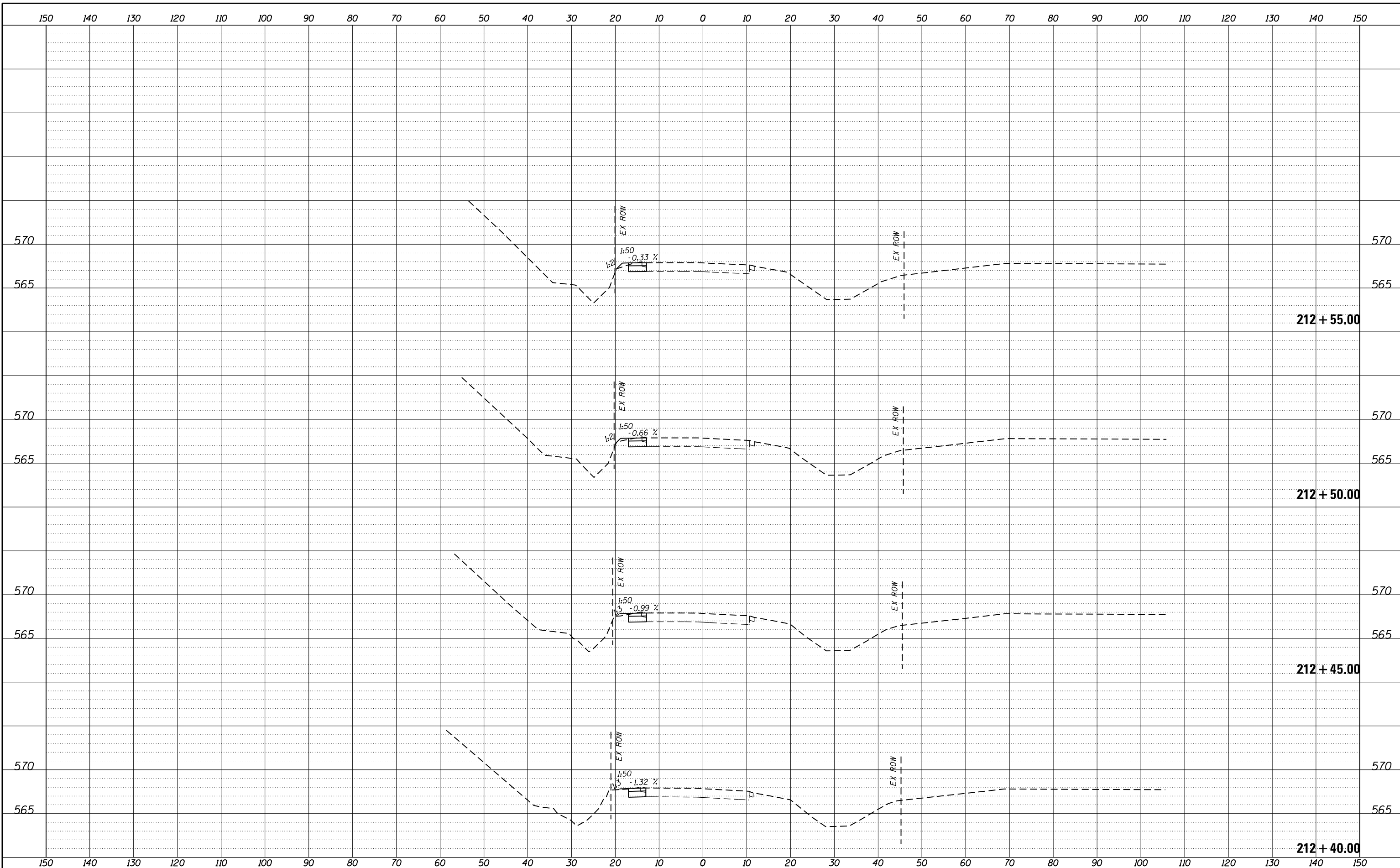
WILLETT HOFMANN & ASSOCIATES INC.
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 1000 ESSINGTON ROAD, JOLET, IL 60435
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ROCKDALE
 79 MOEN AVENUE
 ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 15 OF 66
 STA. 211 + 00.00 TO 212 + 00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	96
CONTRACT 61E00			WHA*1189J16 ILLINOIS	

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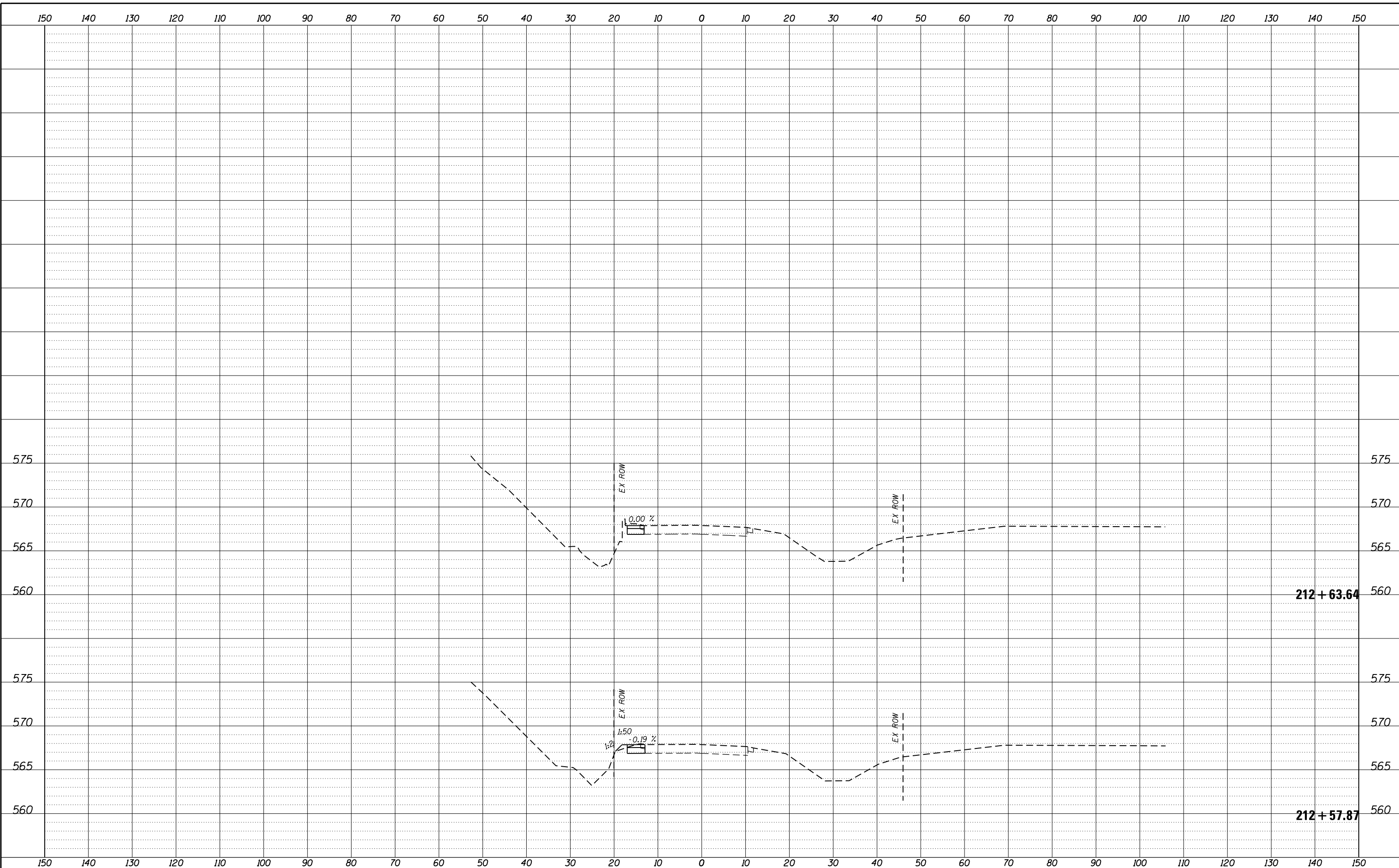
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 16 OF 66
STA. 212 + 40.00 TO 212 + 55.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	97
WHA*1189J16			ILLINOIS	
			CONTRACT 61E00	

FILE = S:\PROJECTS\2016\1189J16.RK.Moen\DESIGN\TRANS\CADD\Sheets\1189J16-sht-xasht-MOEN-MOT.dgn



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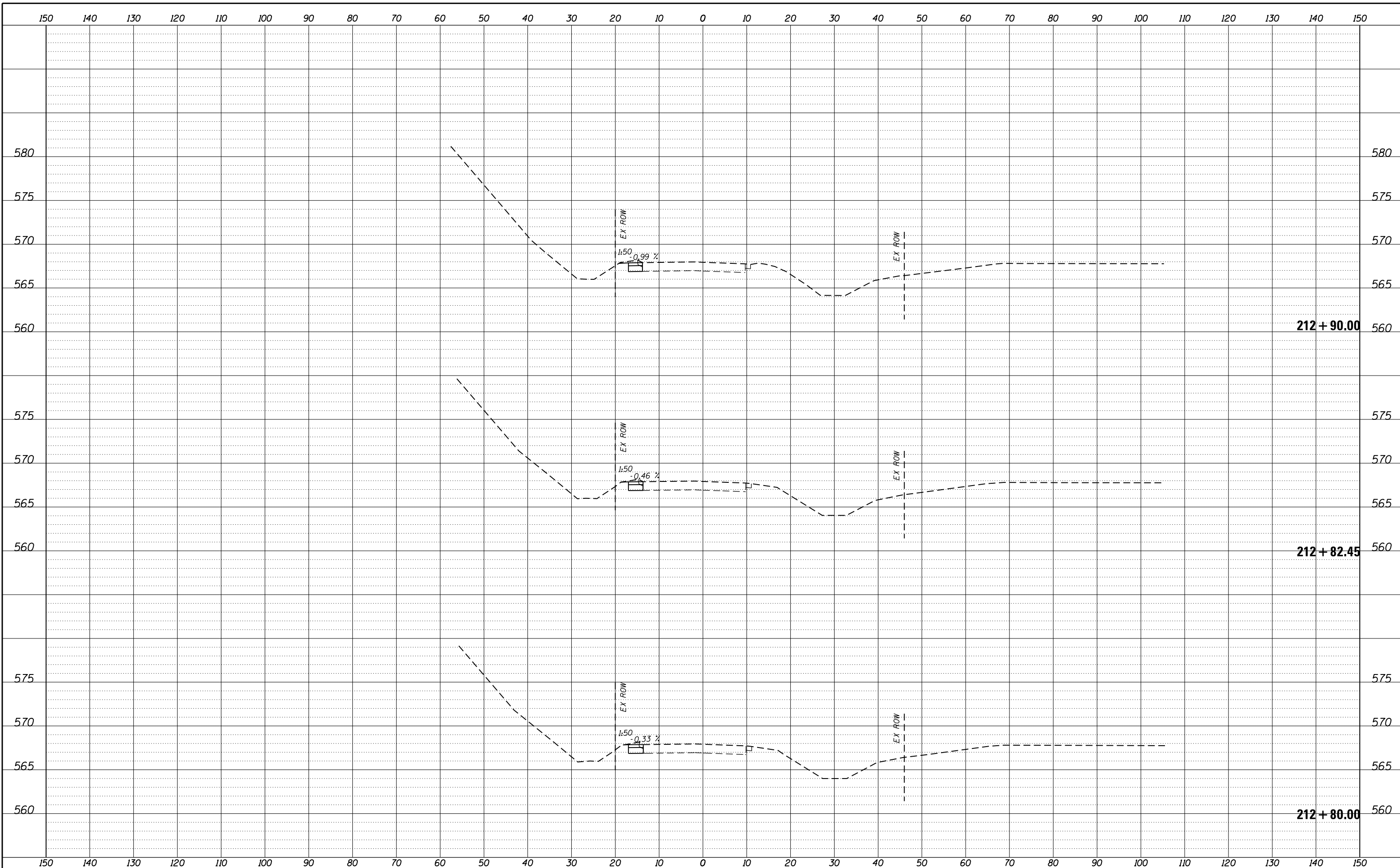
ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 17 OF 66

STA. 212 + 57.87 TO 212 + 73.61

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	98
WHA*1189J16			ILLINOIS	
			CONTRACT 61E00	

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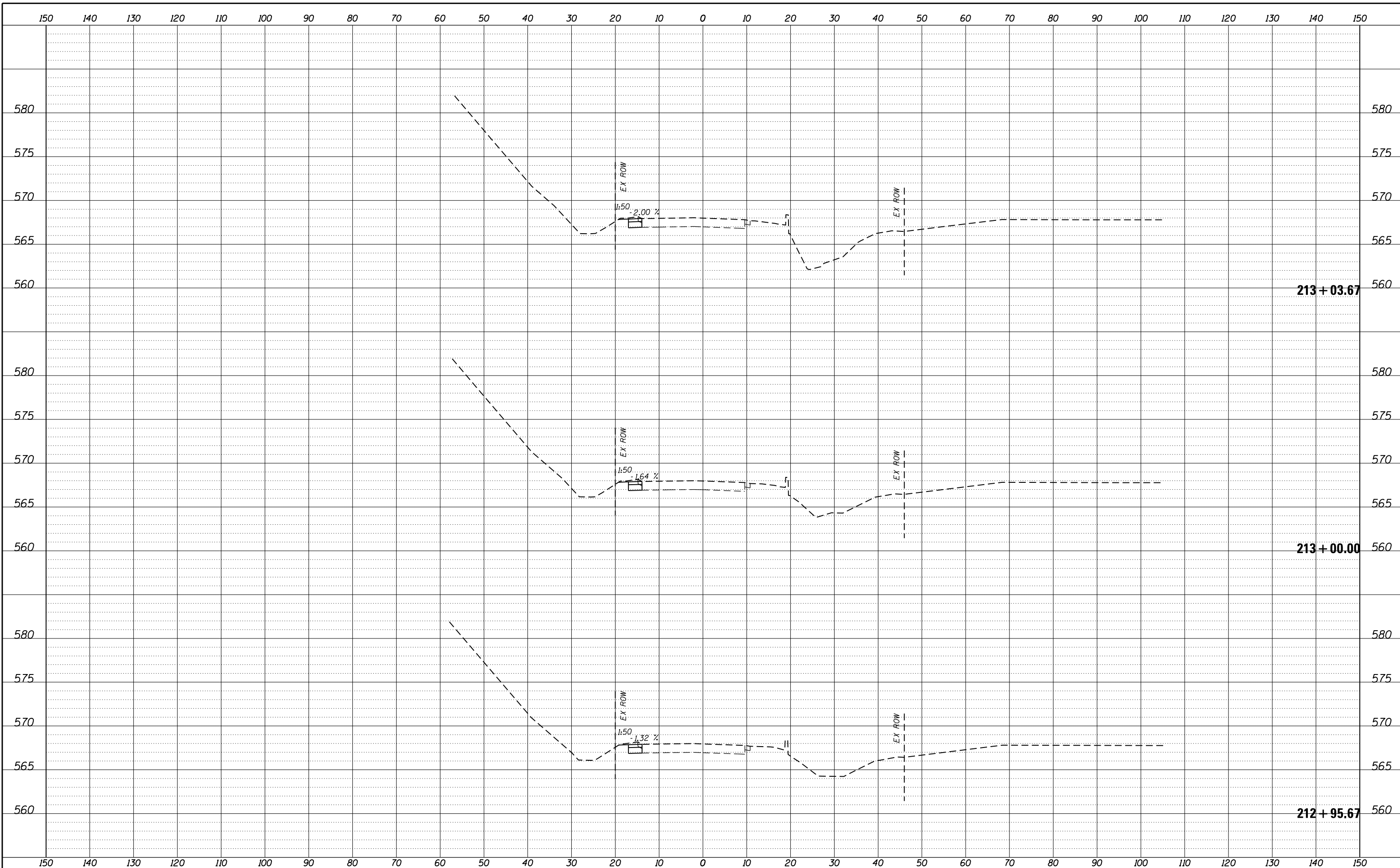
ROCKDALE
79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 18 OF 66

STA. 212 + 80.00 TO 212 + 90.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	99
CONTRACT 61E00			WHA*1189J16 ILLINOIS	

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79 MOEN AVENUE
ROCKDALE, IL 60436

STAGES OF CONSTRUCTION & TRAFFIC CONTROL CROSS SECTIONS
STAGE 1 MOEN AVENUE - SHEET 19 OF 66

STA. 212 + 95.67 TO 213 + 03.67

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3795	12-00029-00-PV	WILL	344	100
CONTRACT 61E00			ILLINOIS	