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IDOT STANDARDS

000001-08	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
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-07	MANHOLE TYPE A 4' (1.22m) DIAMETER
602402-03	MANHOLE TYPE A 5' (1.52m) DIAMETER
602406-11	MANHOLE TYPE A 6' (1.8m) DIAMETER
602411-09	PRECAST MANHOLE TYPE A 7' (2.13m) DIAMETER
602421-09	PRECAST MANHOLE TYPE A 9' (2.74m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604011-05	FRAME AND GRATE TYPE 3V
604036-03	GRATE TYPE 8
604071-07	FRAME AND GRATE TYPE 20
604091-05	FRAME AND GRATE TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
640001-01	SIGHT SCREEN CHAIN LINK FENCE
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
666001-01	RIGHT OF WAY MARKERS
667001-01	DRAINAGE MARKERS
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF-ROAD OPERATIONS, 2 LANE, 2 WAY, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2 LANE, 2 WAY, DAY ONLY
701301-04	LANE CLOSURE, 2 LANE, 2 WAY, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2 LANE, 2 WAY MOVING OPERATIONS – DAY ONLY
701501-06	URBAN LANE CLOSURE, 2 LANE, 2 WAY, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2 LANE, 2 WAY, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- PRIOR TO DESIGN ALL RIGHT OF WAY AND EASEMENTS WERE CONVEYED FROM THE PLATTED EXISTING AND PROPOSED CENTERLINE OF IL 132 AND ARE MONUMENTED AND TIED HEREIN. ALL REMOVAL ITEMS ARE TIED TO SAID EXISTING AND PROPOSED CENTERLINE OF IL 132. THE BASELINE / PGL OF STRUCTURE IS A STRAIGHT LINE FROM THE INTERSECTION OF PROPOSED CENTERLINES OF THE WEST ABUTMENT AND EAST ABUTMENTS WITH THE EXISTING AND PROPOSED CENTERLINE OF IL132. SINCE THE PLATTED EXISTING AND PROPOSED CENTERLINE OF IL 132 DEFLECTS FROM THE PROPOSED BASELINE OF STRUCTURE NORTH UP TO 6". WITHIN THE LIMITS OF THE PROPOSED STRUCTURE ALL STATION AND OFFSETS OF PROPOSED IMPROVEMENTS WILL BE FROM THE BL / PGL OF STRUCTURE.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E" AT (800) 892-0213 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF LAKE VILLA.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE. ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING, EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL NOTIFY FADI SULTAN AREA TRAFFIC FIELD ENGINEER AT FADI.SULTAN@ILLINOIS.GOV AT LEAST TWO WEEKS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE PAID AT THE CONTRACT UNIT PRICE PER FOOT FOR "GUARDRAIL REMOVAL".
- FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
- ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCHES IN DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 27 INCHES IN DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS (LABOR AND MATERIALS) FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWERS, OF THE TYPE AND SIZE SPECIFIED.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB & GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON PLANS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- SAW CUT (FULL DEPTH) SHALL BE REQUIRED AT THE JOINT BETWEEN PAVEMENT, SIDEWALK, CURB & GUTTER, MEDIAN, DRIVEWAY PAVEMENT, AND HOT-MIX ASPHALT SURFACES TO BE REMOVED AND AREAS LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER.
- THE EXISTING GROUND COVER SHALL REMAIN IN ANY AREA WHERE THERE IS NO PROPOSED GRADING.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, 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 SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED, AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- MILLING AND PAVING OPERATIONS MUST INCLUDE APPROACHES UP TO THE RAILROAD TRACK PANELS.

GENERAL NOTES (CONTINUED)

- THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES/PLANT MATERIALS WITHIN THE AREA TO ESTABLISH A "PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING/PRUNING, MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "PROTECTION ZONE." REMOVED PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGES DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATING OCCURS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.
- THE ENGINEER WILL CONTACT MELISSA DEL ROSARIO OF THE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4391, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT OF THE TREES AND PLUGS.

COMMITMENTS: NO COMMITMENTS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE
GENERAL NOTES, STANDARDS AND INDEX OF SHEETS**

SCALE: INT'S 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	WR(2)-R-1	LAKE	164	2
CONTRACT NO. 62A53				
ILLINOIS FED. AID PROJECT				

REVISED SHEET 1/11/2023

SUMMARY OF QUANTITIES					80% FED. / 20% STATE	
					CONSTRUCTION CODE	
SP	CODE NO.	CODED PAY ITEM	UNIT	TOTAL	ROADWAY 0003	BRIDGE 0004
			QUANTITY	URBAN	URBAN	
	A2002484	TREE, CARP. BETULUS FAST. (COLUMNAR EUROPEAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	0
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	178	160	18
	A2006520	TREE, Q UERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	0
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	441	373	68
	A2006716	TREE, Q UERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	0
	20101000	TEMPORARY FENCE	FOOT	3598	3598	0
	A2007208	TREE, Q UERCUS X WAREI 'NADLER', (KIND. SPIRIT HYBRID OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	0
	20101200	TREE ROOT PRUNING	EACH	25 5	25 5	0
	K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	1	1	0
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	10 5	10 5	0
	K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1	0
	20200100	EARTH EXCAVATION	CU YD	6602	2272	4330
	X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	1.5	1.5	0
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	634	317	317
	20800150	TRENCH BACKFILL	CU YD	969	969	0
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	5	0
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1688	1688	0
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2914	319	2595
	20101700	SUPPLEMENT WATERING	UNIT	87	87	0
	21101805	COMPOST FURNISH AND PLACE, 2"	SQ YD	12,761	12761	0
	25200110	SODDING, SALT TOLERANT	SQ YD	5,747	5,747	0
	25000210	SEEDING, CLASS 2A	ACRES	1.25	1.25	0
	X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	1.5	1.5	0
	25000310	SEEDING, CLASS 4	ACRES	1.5	1.5	0
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	107	107	0
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	107	107	0
	25100115	MULCH, METHOD 2	ACRE	2.75	2.75	0
	25100630	EROSION CONTROL BLANKET	SQ YD	12,761	12761	0
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	527	527	0
	28000305	TEMPORARY DITCH CHECKS	FOOT	330	330	0

SUMMARY OF QUANTITIES					80% FED. / 20% STATE	
					CONSTRUCTION CODE	
SP	CODE NO.	CODED PAY ITEM	UNIT	TOTAL	ROADWAY 0003	BRIDGE 0004
			QUANTITY	URBAN	URBAN	
	28000400	PERIMETER EROSION BARRIER	FOOT	3598	3598	0
	28000510	INLET FILTERS	EACH	61	61	0
	28100105	STONE RIPRAP, CLASS A3	SQ YD	119	119	0
	28200200	FILTER FABRIC	SQ YD	119	119	0
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	413	413	0
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	4954	3969	985
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	4002	0	4002
	31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	989	989	0
	31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	2081	2081	0
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	659	659	0
	35501319	HOT-MIX ASPHALT BASE COURSE, 8 3/4"	SQ YD	1169	1169	0
	35600711	HOT-MIX ASPHALT BASE COURSE WIDENING, 8 3/4"	SQ YD	480	480	0
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	500	0	500
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3,524	3,460	64
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	3	3	0
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	330	330	0
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	121	121	0
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	236	236	0
	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	638	638	0
	42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	74	74	0
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	394	358	36
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	939	605	334

*INDICATES SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	WR(2)-R-1	LAKE	164	3
CONTRACT NO. 62A53				
ILLINOIS FED. AID PROJECT				

REVISED SHEET 1/11/2023

SUMMARY OF QUANTITIES						80% FED. / 20% STATE					SUMMARY OF QUANTITIES						VILLAGE OF LAKE VILLA 100%	
						CONSTRUCTION CODE											CONSTRUCTION CODE	
SP	CODE NO.	CODED PAY ITEM	UNIT	TOTAL	ROADWAY	BRIDGE	SP	CODE NO.	CODED PAY ITEM	UNIT	TOTAL	ROADWAY	BRIDGE	ROADWAY	BRIDGE	ROADWAY		
					0003	0004						0003	0004	0003	0004	0003		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	17,163	8,623	8,540					946,500							
								50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	859,560	0	859,560			0		
	42400800	DETECTABLE WARNINGS	SQ FT	280	260	20					4,572		4,572			1		
								50800515	BAR SPLICERS	EACH	4,068	0	4,068			0		
	44000100	PAVEMENT REMOVAL	SQ YD	3,543	3,107	436												
								51200958	FURNISHING METAL PILE SHELLS, 14" X 0.250"	FOOT	19,663	0	19,663			0		
	44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	6,874	6,874	0												
								51202305	DRIVING PILES	FOOT	19,663	0	19,663			0		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,878	1,502	376												
								51203200	TEST PILES METAL SHELLS	EACH	14	0	14			0		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	862	452	410					268		268					
								52000110	PREFORMED JOINT STRIP SEAL	FOOT	267	0	267			1		
	44000600	SIDEWALK REMOVAL	SQ FT	33,308	26,236	7,072					608	0	608			0		
								52200010	TEMPORARY SHEET PILING	SQ FT	608	0	608			0		
								54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	0	1			0		
	44003100	MEDIAN REMOVAL	SQ FT	29	29	0												
								54010302	PRECAST CONCRETE BOX CULVERTS 3' X 2'	FOOT	77	35	42			0		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	846	301	545												
								54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1	0			0		
	44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	30	30	0												
								54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2	0			0		
	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	120	120	0												
								54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2	0			0		
	44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	240	240	0												
								54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4	0	0			4		
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	55	55	0												
	50100300	REMOVAL OF EXISTING STRUCTURES NO 1	EACH	1	0	1										140		
	50100400	REMOVAL OF EXISTING STRUCTURES	EACH	2	1	1												
	50100400	REMOVAL OF EXISTING STRUCTURES NO 2	EACH	1	1	0												
	50200100	STRUCTURE EXCAVATION	CU YD	1,665	0	1,665												
								550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	545	251	294			0		
								550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	25	0	25			0		
	50300225	CONCRETE STRUCTURES	CU YD	674.1	0	674.1												
								550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	91	39	52			0		
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	2,040.5	0	2,040.5												
								550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	86	42	44			0		
	50300260	BRIDGE DECK GROOVING	SQ YD	3,810	0	3,810												
								550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	635	635	0			0		
	50300300	PROTECTIVE COAT	SQ YD	4,214	0	4,214												
								550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	206	16	190			0		
	50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	107.3	0	107.3												

*INDICATES SPECIALTY ITEMS



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	WR(2)-R-1	LAKE	164	4
CONTRACT NO. 62A53				
ILLINOIS FED. AID PROJECT				

1 REVISD SHEET 1/11/2023

SUMMARY OF QUANTITIES				80% FED. / 20% STATE		
				CONSTRUCTION CODE		
SP	CODE NO.	CODED PAY ITEM	UNIT	TOTAL	ROADWAY	BRIDGE
					0003	0004
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	530	250	280
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	36	36	0
	550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	628	0	628
	55100200	STORM SEWER REMOVAL 6"	FOOT	137	137	0
	55100400	STORM SEWER REMOVAL 10"	FOOT	110	110	0
	55100500	STORM SEWER REMOVAL 12"	FOOT	278	278	0
	55100700	STORM SEWER REMOVAL 15"	FOOT	289	289	0
	55100900	STORM SEWER REMOVAL 18"	FOOT	132	132	0
	55101200	STORM SEWER REMOVAL 24"	FOOT	402	402	0
	55101600	STORM SEWER REMOVAL 36"	FOOT	56	56	0
	55101900	STORM SEWER REMOVAL 48"	FOOT	668	668	0
	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	5	5	0
	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	8	8	0
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	500	500	0
	60218400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0	1
	60219570	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	3	2	1
	60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2	0
	60222270	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	2	1	1
	60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1	0
	60224120	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	2	2	0

SUMMARY OF QUANTITIES				80% FED. / 20% STATE		
				CONSTRUCTION CODE		
SP	CODE NO.	CODED PAY ITEM	UNIT	TOTAL	ROADWAY	BRIDGE
					0003	0004
	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6	0
	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0	1
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	0
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4	4	0
	60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	1	1	0
	60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2	2	0
	60262900	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1	0
	60264130	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 23 FRAME AND GRATE	EACH	1	1	0
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	10	7	3
	60500040	REMOVING MANHOLES	EACH	9	2	7
	60500050	REMOVING CATCH BASINS	EACH	7	2	5
	60600605	CONCRETE CURB, TYPE B	FOOT	286	249	37
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2408	2335	73
	66500105	WOVEN WIRE FENCE, 4'	FOOT	976	976	0
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1220	610	610
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	4	2	2
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.5	0.5
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.5	0.5
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	150	75	75
	67100100	MOBILIZATION	L SUM	1	0.5	0.5

*INDICATES SPECIALTY ITEMS

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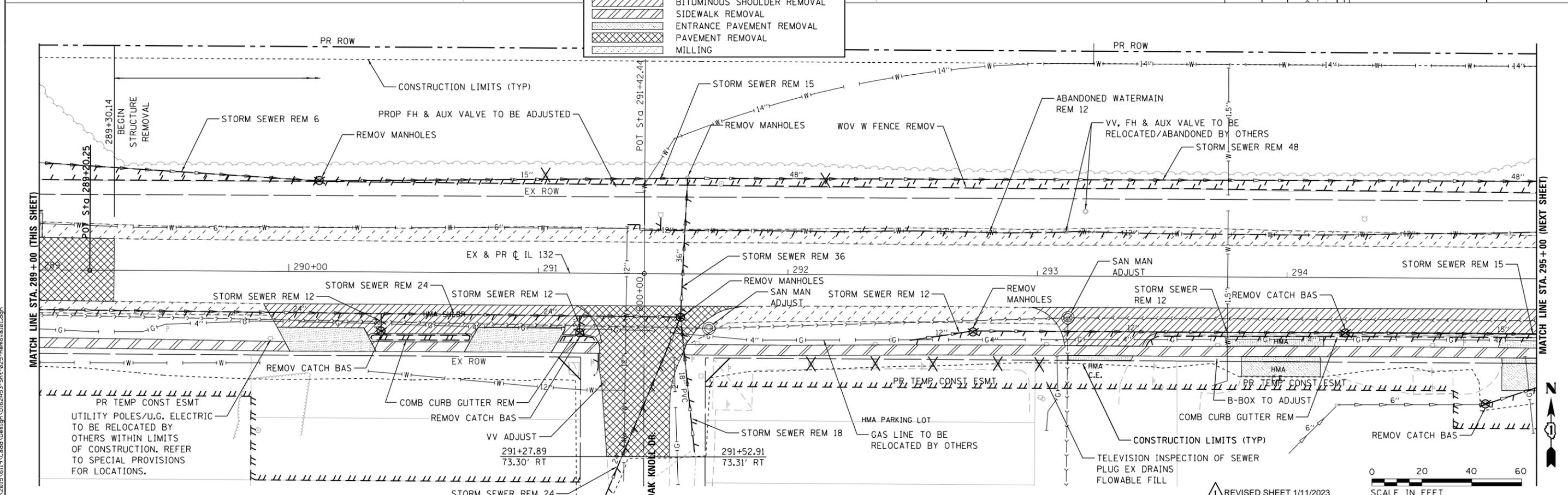
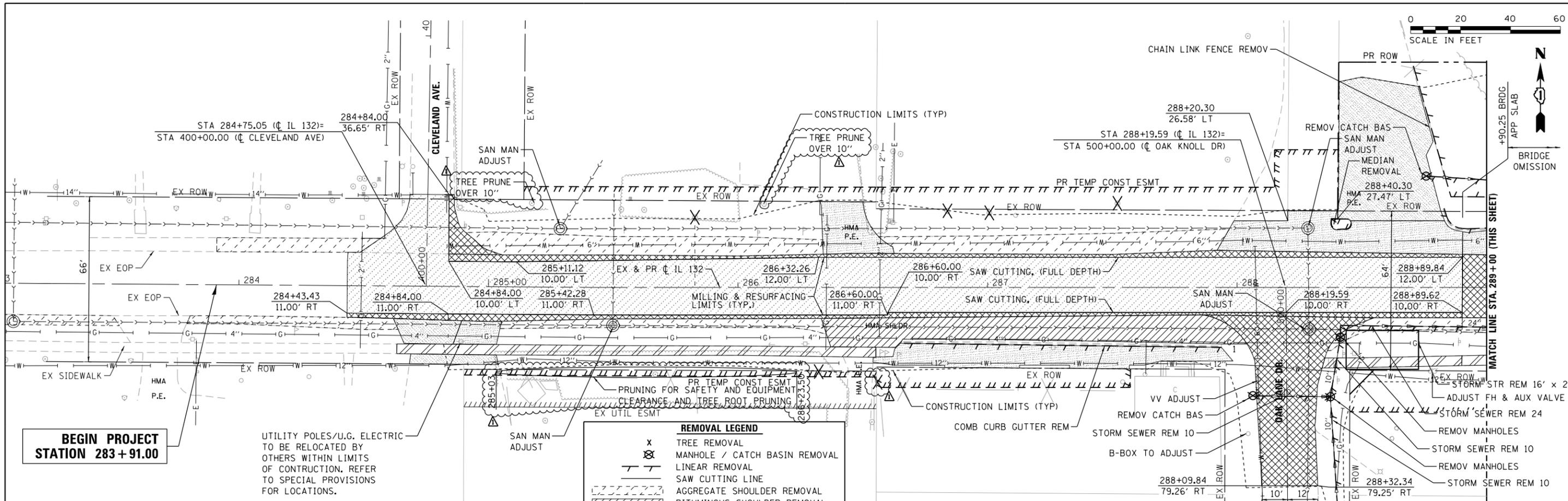
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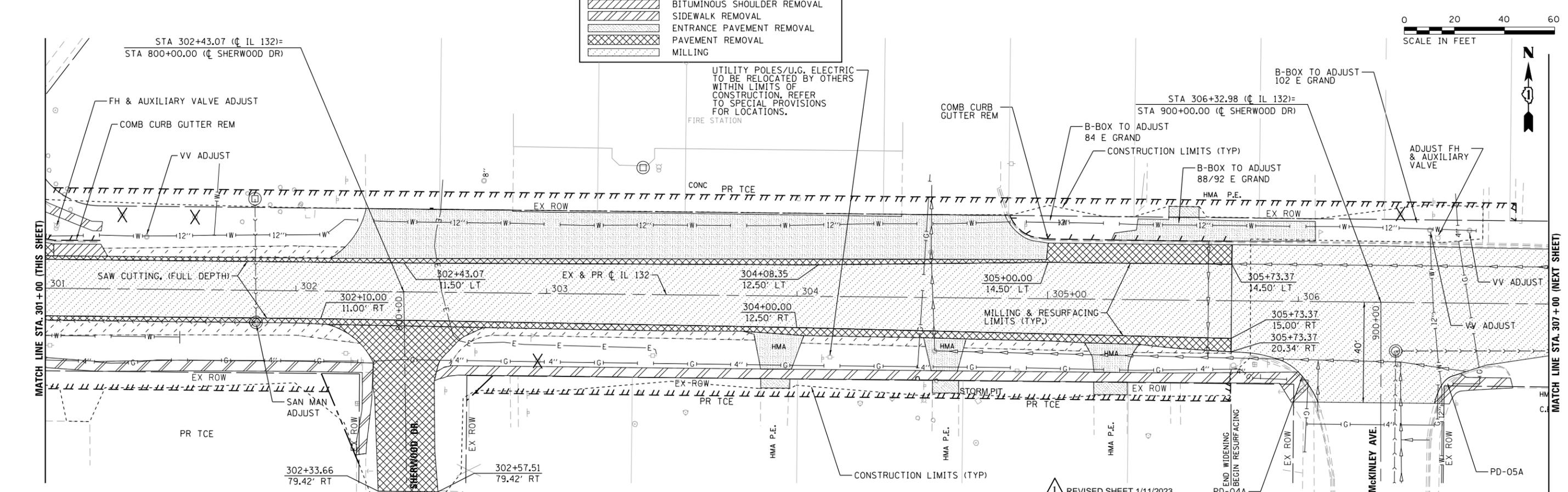
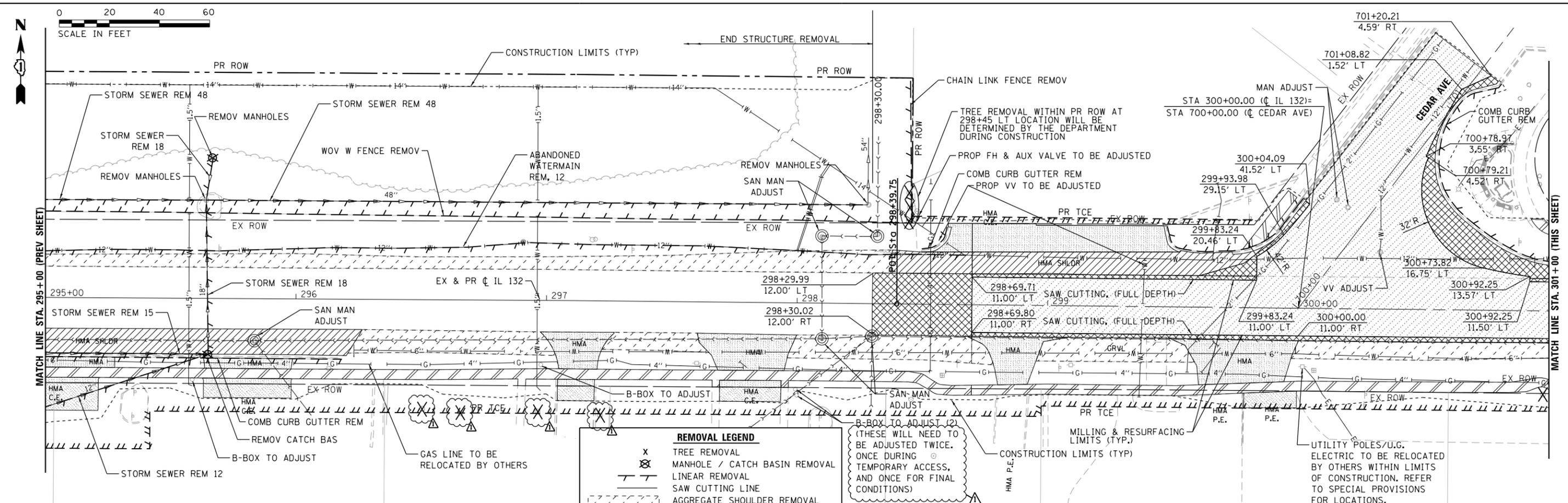
IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE
SUMMARY OF QUANTITIES

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

F.A.P. RTE. 541	SECTION WR(2)-R-1	COUNTY LAKE	TOTAL SHEETS 164	SHEET NO. 5
CONTRACT NO. 62A53			ILLINOIS FED. AID PROJECT	

REVISED SHEET 1/11/2023





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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE
EXISTING CONDITIONS AND REMOVALS**

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 295+00.00 TO STA. 307+00.00

F.A.P. RTE. 541	SECTION WR(2)-R-1	COUNTY LAKE	TOTAL SHEETS 164	SHEET NO. 23
CONTRACT NO. 62A53				ILLINOIS FED. AID PROJECT

MAINTENANCE OF TRAFFIC GENERAL NOTES:

1. THE PERMANENT TRAFFIC CONTROL DEPICTED HEREIN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED IN THE HIGHWAY STANDARDS AS SHOWN IN THE INDEX OF SHEETS AND 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 TRAFFIC CONTROL AND PROTECTION, (SPECIAL) UNLESS OTHERWISE INDICATED WITHIN THESE GENERAL NOTES, PLANS OR SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING LABOR, SIGNS AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
4. THE CONTRACTOR SHALL PLACE CHANGEABLE MESSAGE SIGNS AT THE LOCATIONS SHOWN IN THE DETOUR PLAN TO INFORM MOTORISTS OF THE UPCOMING EB IL RTE. 132 ROAD CLOSURE A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE CLOSURE. ADDITIONAL INSTALLATIONS OF CHANGEABLE MESSAGE SIGNS MAY BE REQUIRED TO KEEP MOTORISTS INFORMED OF CONSTRUCTION ACTIVITIES. ALL MESSAGES SHALL BE APPROVED BY THE ENGINEER. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY FOR CHANGEABLE MESSAGE SIGN.
5. WORK ZONE SPEED LIMIT SHALL BE 30 MPH.
6. DRUMS OR TYPE II BARRICADES AND DIRECTIONAL BARRICADES SHALL BE PROVIDED AS SHOWN IN THE PLANS AND SPACED AT 50 FEET CENTER TO CENTER IN TANGENTS, 20 FEET CENTER TO CENTER IN TAPERS AND 10 FEET CENTER TO CENTER IN RADII THRU THE FULL LENGTH OF THE CONSTRUCTION WORK ZONE.
7. ALL ROAD CONSTRUCTION AHEAD SIGNS, ROAD CLOSED AHEAD SIGNS AND TYPE III BARRICADES SHALL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS.
8. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
9. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN.
10. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTING ANY CHANGES.
11. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL PROMPTLY RESPOND AT THE TIME OF NOTIFICATION BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
12. THE ENGINEER SHALL BE INFORMED A MINIMUM OF 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN.
13. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER SEVEN (7) DAYS OF SERVICE SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO SEVEN (7) DAYS OF SERVICE OR REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT THEIR EXPENSE.
14. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3" X 6" DELINEATOR INSTALLED, COST OF THE DELINEATOR IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
15. TEMPORARY CONCRETE BARRIERS AND TEMPORARY IMPACT ATTENUATORS SHALL BE PLACED AS SHOWN IN THE PLANS. FURNISHING, INSTALLING AND RELOCATING TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS SHALL BE IN ACCORDANCE WITH IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.
16. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKING, TYPE IV TAPE USED FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL - GRINDING" WITHIN THE PROJECT LIMITS AND "PAVEMENT MARKING REMOVAL - WATER BLASTING" OUTSIDE THE PROJECT LIMITS.
17. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED, DAMAGED OR OTHERWISE AFFECTED BY CONSTRUCTION.
18. THE CONTRACTOR SHALL MAINTAIN THE EXISTING PEDESTRIAN CROSSINGS AND WALKWAYS TO THE BEST OF THEIR ABILITY. ANY SIDEWALKS OR PATHS THAT NEED TO BE CLOSED SHALL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701801.
19. TEMPORARY SIDEWALK SHALL BE INSTALLED DURING PRE-STAGE AS SHOWN IN PLANS AND IN LOCATIONS SPECIFIED BY THE RESIDENT ENGINEER.
20. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE AND EROSION CONTROL PROTECTION DURING ALL PHASES OF CONSTRUCTION.
21. SIGNING FOR COMMERCIAL DRIVEWAYS SHALL FOLLOW DISTRICT 1 DETAIL TC-26.
22. "CAUTION NEW LANES - STOP HERE" SIGNS SHALL BE INSTALLED ON THE SIDE OF IL 132 WHERE TRAFFIC IS MOVED CLOSER TO THE EDGE OF PAVEMENT. THE SIGNS SHALL REMAIN FOR THE INITIAL TWO WEEK PERIOD OF THE TRAFFIC PATTERN CHANGE. STAGE I AND POST STAGE II: CLEVELAND AVE. AND CEDAR AVE. STAGE II: OAK LANE DR., OAK KNOLL DR., SHERWOOD DR. AND MCKINLEY AVE.
23. THE CONTRACTOR SHOULD MAINTAIN SATISFACTORY INGRESS AND EGRESS TO ADJACENT PROPERTIES THROUGHOUT THE CONSTRUCTION. THIS MAY REQUIRE ADDITIONAL TEMPORARY DRIVEWAYS STAGING.
25. THE CONTRACTOR SHOULD INSTALL THE TEMPORARY SIDEWALK ADA RAMPS TO CURRENT IDOT ADA REQUIREMENTS, APPLICABLE HIGHWAY STANDARDS AND PD STANDARDS (PD 01- PD 06) AND AS DIRECTED BY THE ENGINEER.

SUGGESTED SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC

THE FOLLOWING SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC IS SUGGESTED. VARIATIONS MAY BE MADE WITH THE PRIOR APPROVAL OF THE ENGINEER.

FOR EACH STAGE OF CONSTRUCTION, PROVIDE TRAFFIC CONTROL AS SHOWN ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS. COORDINATE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES WITH THE EXISTING TRAFFIC PATTERNS AT THE ENDS OF THE PROJECT.

THE IMPROVEMENTS WILL BE CONSTRUCTED AS PER PLANS AND AS PER IDOT HIGHWAY STANDARDS 701006, 701011, 701301, 701311, 701501, 701502, 701701, 701801, 701901 AND DISTRICT ONE STANDARDS TC-10, TC-11, TC-13, TC-16, TC-21, TC-22, TC-26.

SEQUENCE OF CONSTRUCTION:

PRE-STAGE I:

TRAFFIC: USE DAILY LANE CLOSURES DURING ALLOWABLE HOURS ONLY AS SPECIFIED IN THE SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC".

CONSTRUCTION: - INSTALL AND MAINTAIN THE EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS.
- CONSTRUCT THE TEMPORARY SIDEWALK AND TEMPORARY WIDENING AND PAVEMENT REQUIRED FOR STAGE I CONSTRUCTION.

STAGE I, 1A, 1B AND 1C:

DETOUR: ESTABLISH DETOUR AS SHOWN IN THESE PLANS. THIS DETOUR WILL ROUTE EASTBOUND IL 132 TRAFFIC AS SHOWN.

TRAFFIC: - MOT IN CONJUNCTION WITH THE DETOUR PROVIDES A WORK ZONE ALONG THE SOUTH SIDE OF IL 132.
- WESTBOUND TRAFFIC WILL BE TRAVELLING ON THE NORTH SIDE OF IL 132.
- MAINTAIN ACCESS AT ALL TIMES TO ALL PROPERTIES AND SIDE ROADS ALONG THE SOUTH SIDE OF IL 132.
- TO MAINTAIN ACCESS TO THE PROPERTIES AND SIDE ROADS ALONG THE SOUTHSIDE OF IL 132, UNIT 1 AND 2, UNIT 3 AND 4, UNIT 5 AND 6, UNIT 7 AND 8 SHOULD NOT BE CONSTRUCTED AT THE SAME TIME.
- SEE STRUCTURAL PLANS FOR THE LIMITS OF EACH UNIT.
- CONSTRUCT TEMPORARY ACCESS TO OAK KNOLL AS NEEDED AND AS SHOWN IN PLANS FOR STAGE 1A.
- CONSTRUCT TEMPORARY ACCESS TO RESIDENTIAL ENTRANCES AS NEEDED AND AS SHOWN IN PLANS FOR STAGE 1B (UNIT 8) AND STAGE 1C (UNIT 7).

CONSTRUCTION: - INSTALL AND MAINTAIN THE EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS.
- CONSTRUCT THE EASTBOUND AND CENTER LANES OF IL 132 INCLUDING THE LAND BRIDGE. STAGE LAND BRIDGE AND ROADWAY CONSTRUCTION TO MAINTAIN ADJACENT ACCESS AT ALL TIMES.
- CONSTRUCT ALL IMPROVEMENTS SOUTH OF THE STAGE CONSTRUCTION LINE EXCLUSIVE OF THE HMA BINDER TOP COURSE AND HMA SURFACE COURSE; AND COMBINATION CONCRETE CURB AND GUTTER, PCC SIDEWALK, AND DRIVEWAYS WEST OF RT STA 286+32.
- CONSTRUCT THE TEMPORARY WIDENING AND PAVEMENT REQUIRED FOR STAGE II CONSTRUCTION.

STAGE II

TRAFFIC: - MOT PROVIDES A WORK ZONE ALONG THE NORTH SIDE OF IL 132.
- EASTBOUND/WESTBOUND TRAFFIC WILL TRAVEL ON THE PORTION OF IL 132 CONSTRUCTED DURING STAGE I.
- MAINTAIN ACCESS AT ALL TIMES TO ALL PROPERTIES AND SIDE ROADS ALONG THE NORTH SIDE OF IL 132.

CONSTRUCTION: - INSTALL AND MAINTAIN THE EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS.
- CONSTRUCT THE WESTBOUND LANE OF IL 132 INCLUDING THE LAND BRIDGE. STAGE LAND BRIDGE AND ROADWAY CONSTRUCTION TO MAINTAIN ADJACENT ACCESS AT ALL TIMES.
- CONSTRUCT ALL IMPROVEMENTS NORTH OF THE STAGE CONSTRUCTION LINE EXCLUSIVE OF THE HMA BINDER TOP COURSE AND HMA SURFACE COURSE.

POST STAGE II

TRAFFIC: USE DAILY LANE CLOSURES DURING ALLOWABLE HOURS ONLY AS SPECIFIED IN THE SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC".

CONSTRUCTION: - INSTALL AND MAINTAIN THE EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS.
- REMOVE ANY REMAINING TEMPORARY WIDENING/PAVEMENT(S). GAP REMOVAL FOR DRIVEWAY AT RT STA 283+67 and 284+47.
- COMPLETE THE SOUTH SIDE COMBINATION CONCRETE CURB AND GUTTER (RT STA 284+60 TO RT STA 286+32).
- COMPLETE PCC SIDEWALK FROM RT STA 284+50 TO RT STA 286+25.
- COMPLETE DRIVEWAYS AT RT STA 284+76 AND RT STA 284+98.
- COMPLETE ANY UNFINISHED LANDSCAPING.
- MILL AND RESURFACE THE HMA PAVEMENT OUTSIDE THE LIMITS OF THE LAND BRIDGE.
- PLACE THE PERMANENT PAVEMENT MARKINGS.

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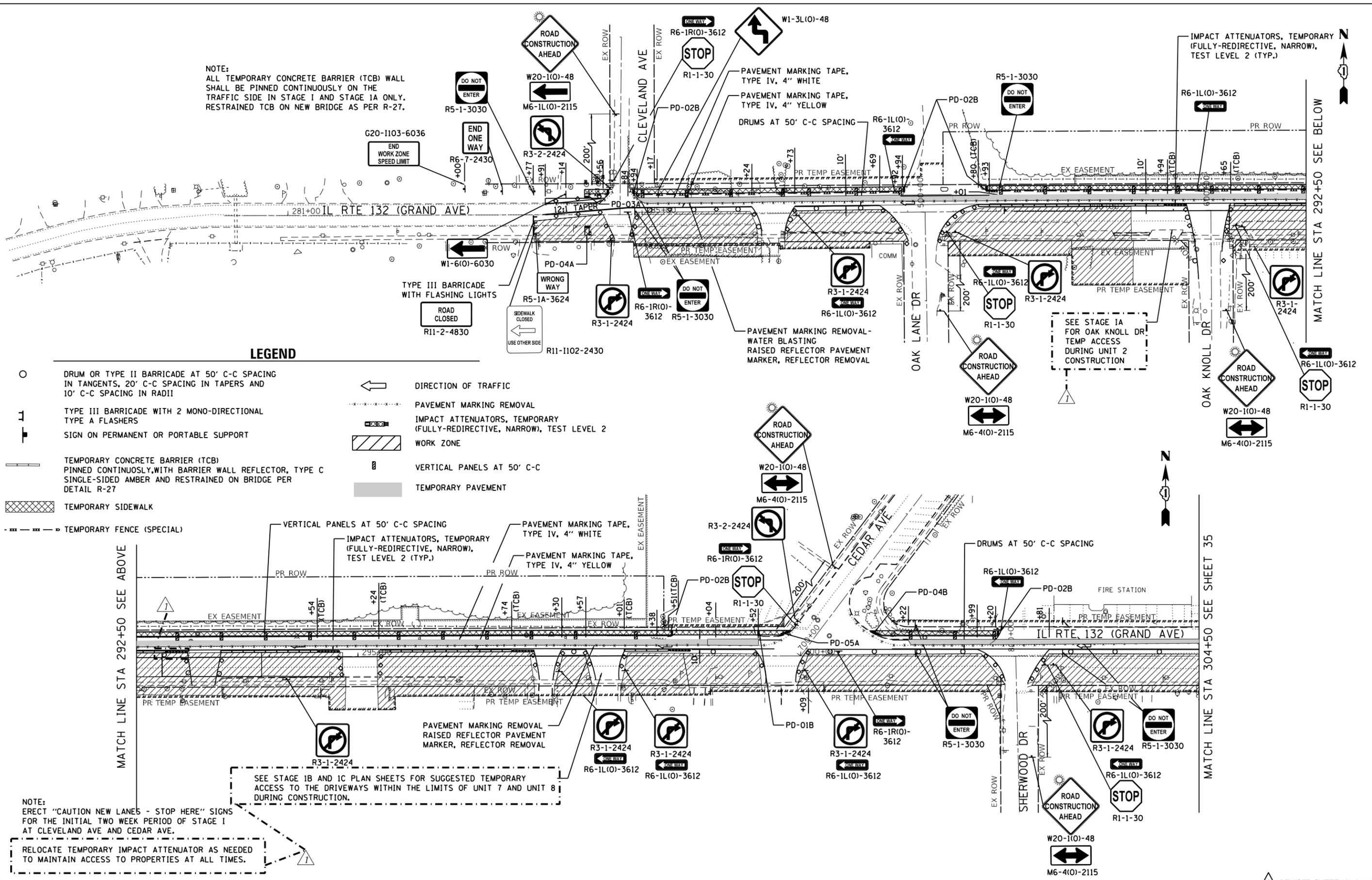
**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.
MAINTENANCE OF TRAFFIC - GENERAL NOTES**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 541	SECTION WR21-R-1	COUNTY LAKE	TOTAL SHEETS 164	SHEET NO. 31
CONTRACT NO. 62A53				ILLINOIS FED. AID PROJECT

1 REVISED SHEET 1/11/2023

NOTE:
ALL TEMPORARY CONCRETE BARRIER (TCB) WALL SHALL BE PINNED CONTINUOUSLY ON THE TRAFFIC SIDE IN STAGE I AND STAGE IA ONLY. RESTRAINED TCB ON NEW BRIDGE AS PER R-27.



LEGEND

- DRUM OR TYPE II BARRICADE AT 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS AND 10' C-C SPACING IN RADII
- TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- TEMPORARY CONCRETE BARRIER (TCB) PINNED CONTINUOUSLY WITH BARRIER WALL REFLECTOR, TYPE C SINGLE-SIDED AMBER AND RESTRAINED ON BRIDGE PER DETAIL R-27
- ▨ TEMPORARY SIDEWALK
- — — — — TEMPORARY FENCE (SPECIAL)
- ← DIRECTION OF TRAFFIC
- — — — — PAVEMENT MARKING REMOVAL
- ▨ IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▨ WORK ZONE
- ▨ VERTICAL PANELS AT 50' C-C
- ▨ TEMPORARY PAVEMENT

MATCH LINE STA 292+50 SEE ABOVE

MATCH LINE STA 304+50 SEE SHEET 35

NOTE:
ERECT "CAUTION NEW LANES - STOP HERE" SIGNS FOR THE INITIAL TWO WEEK PERIOD OF STAGE I AT CLEVELAND AVE AND CEDAR AVE.

RELOCATE TEMPORARY IMPACT ATTENUATOR AS NEEDED TO MAINTAIN ACCESS TO PROPERTIES AT ALL TIMES.

SEE STAGE 1B AND 1C PLAN SHEETS FOR SUGGESTED TEMPORARY ACCESS TO THE DRIVEWAYS WITHIN THE LIMITS OF UNIT 7 AND UNIT 8 DURING CONSTRUCTION.

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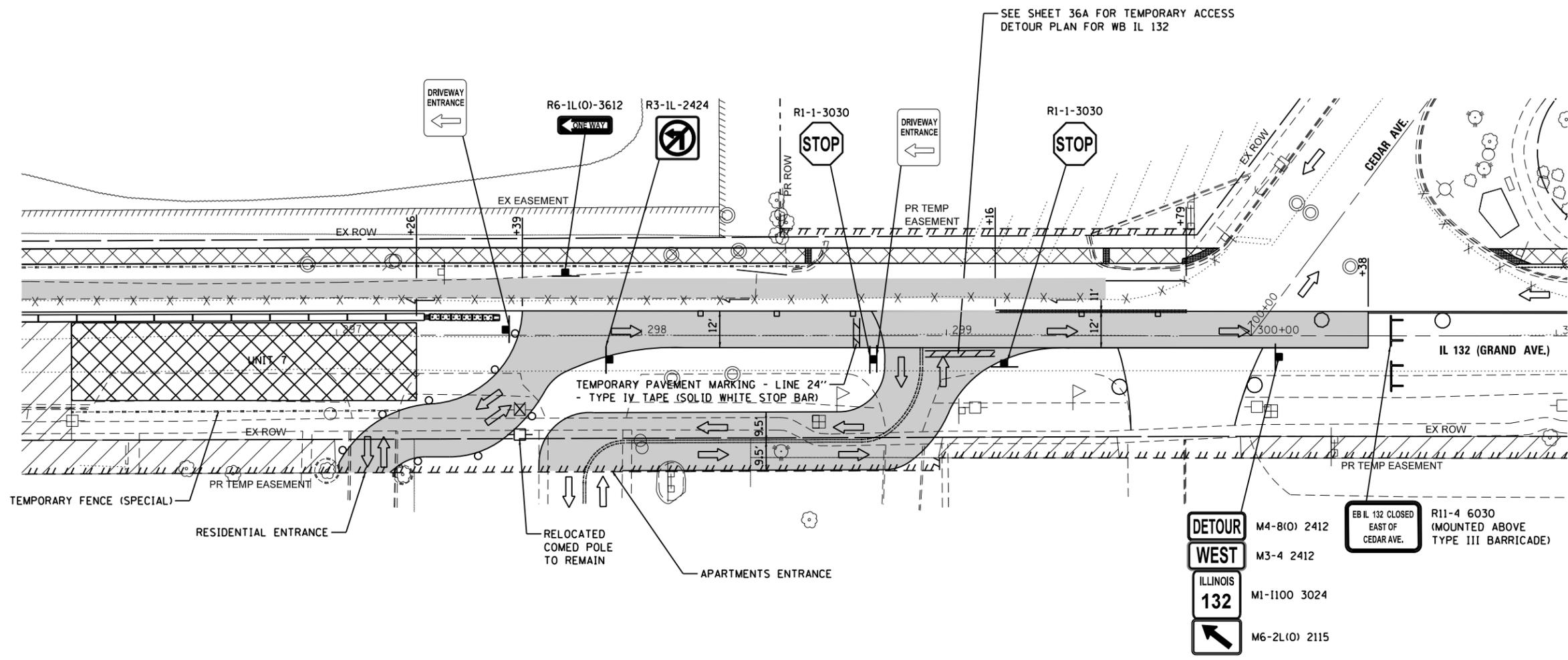
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**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.
MAINTENANCE OF TRAFFIC - STAGE I**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 541	SECTION WR21-R-1	COUNTY LAKE	TOTAL SHEETS 164	SHEET NO. 34
CONTRACT NO. 62A53				
ILLINOIS FED. AID PROJECT				

REVISED SHEET 1/11/2023



NOTES

1. FOR UNIT 7 UNDER CONSTRUCTION, UNIT 8 SHOULD BE CONSTRUCTED AND CURED.
2. ACCESS TO THE DRIVEWAYS ARE SUGGESTED EAST OF UNIT 7 BEFORE CONSTRUCTING THE APPROACH SLABS.
3. DURING THE CONSTRUCTION OF UNIT 7 THE EAST BOUND IL 132 WILL BE OPEN TO LOCAL TRAFFIC AND EMERGENCY VEHICLES FROM THE DRIVEWAYS EAST OF UNIT 7 TO CEDAR AVENUE AND WILL REMAIN IN PLACE UNTIL OTHER DIRECT ACCESS ARE AVAILABLE AND APPROVED BY ENGINEER.
4. TEMPORARY ACCESS SHOULD BE MAINTAINED WITH IN THE TEMPORARY EASEMENT AREA.
5. THE EMERGENCY VEHICLES SHOULD FOLLOW A DETOUR FOR IL 132 WB FROM TEMP ACCESSES. THEY MUST TURN RIGHT ON EB IL 132 TO NORTH ON CEDAR AVENUE TO MILWAUKEE AVE TO WESTBOUND IL 132.

LEGEND

- DRUM OR TYPE II BARRICADE AT 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS AND 10' C-C SPACING IN RADII
- TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- TEMPORARY CONCRETE BARRIER PINNED CONTINUOUSLY, AND BARRIER WALL REFLECTORS, TYPE C SINGLE-SIDED AMBER AND RESTRAINED TCB ON NEW BRIDGE AS PER R-27
- DIRECTION OF TRAFFIC
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 2
- WORK ZONE
- TEMPORARY ACCESS (ROAD)
- TUBULAR MARKERS AT 25' C-C

FILE NAME = G:\Engineering\LiveProjects\13020_IL_132_Land Bridge\CADD\CADD_Sheets\Civil\0162453-shr-Unit_7-Stage_1C.dgn



USER NAME = jschumann	DESIGNED - JLS	REVISED - 01/10/2023 JLS
DRAWN - JLS	CHECKED - AB	REVISED -
PLOT SCALE = 40,0000' / in.	DATE - 01/10/2023	REVISED -
PLOT DATE = 1/10/2023		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.
MAINTENANCE OF TRAFFIC - STAGE 1C (UNIT 7)**

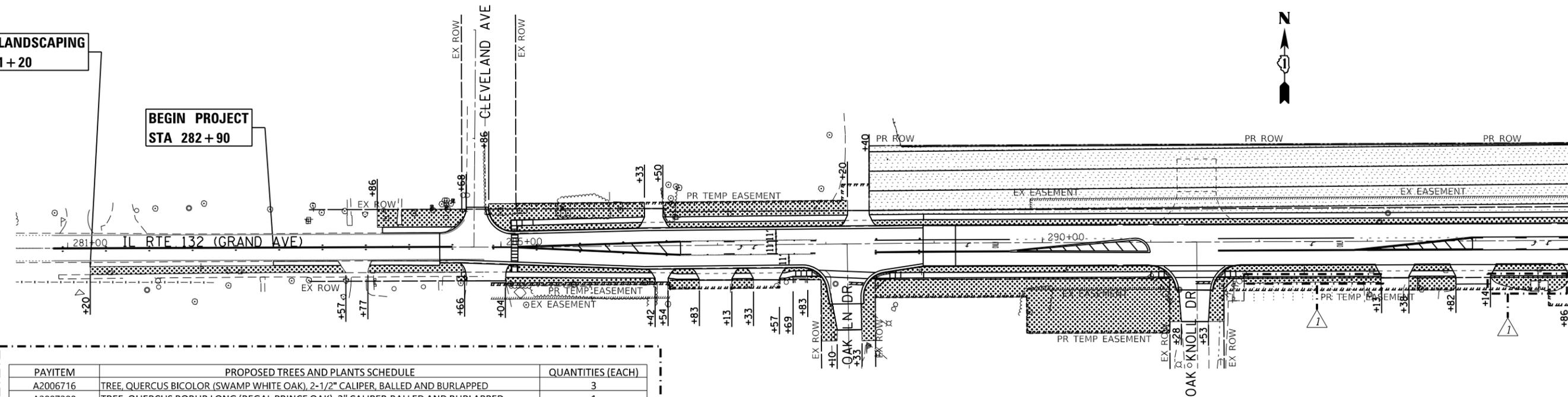
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 541	SECTION WR(2)-R-1	COUNTY LAKE	TOTAL SHEETS 164	SHEET NO. 36B
CONTRACT NO. 62A53				ILLINOIS FED. AID PROJECT

REVISED ENTIRE SHEET 1/11/2023

BEGIN LANDSCAPING
STA 281+20

BEGIN PROJECT
STA 282+90

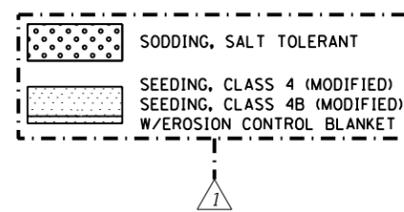


PAYITEM	PROPOSED TREES AND PLANTS SCHEDULE	QUANTITIES (EACH)
A2006716	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	3
A2007200	TREE, QUERCUS ROBUR LONG (REGAL PRINCE OAK), 2" CALIPER, BALLED AND BURLAPPED	1
A2007208	TREE, QUERCUS MACROCARPA (BUR OAK), 2 EA	2
A2002484	TREE, QUERCUS X WAREI 'NADLER,' (KINDRED SPIRIT HYBRID OAK), 2-1/2" CALIPER	3
K0013000	TREE, CARPINUS BETULUS FASTIGIATA (COLUMNAR EUROPEAN HORNBEAM)	2
X2502024	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	1
	TOTAL	12

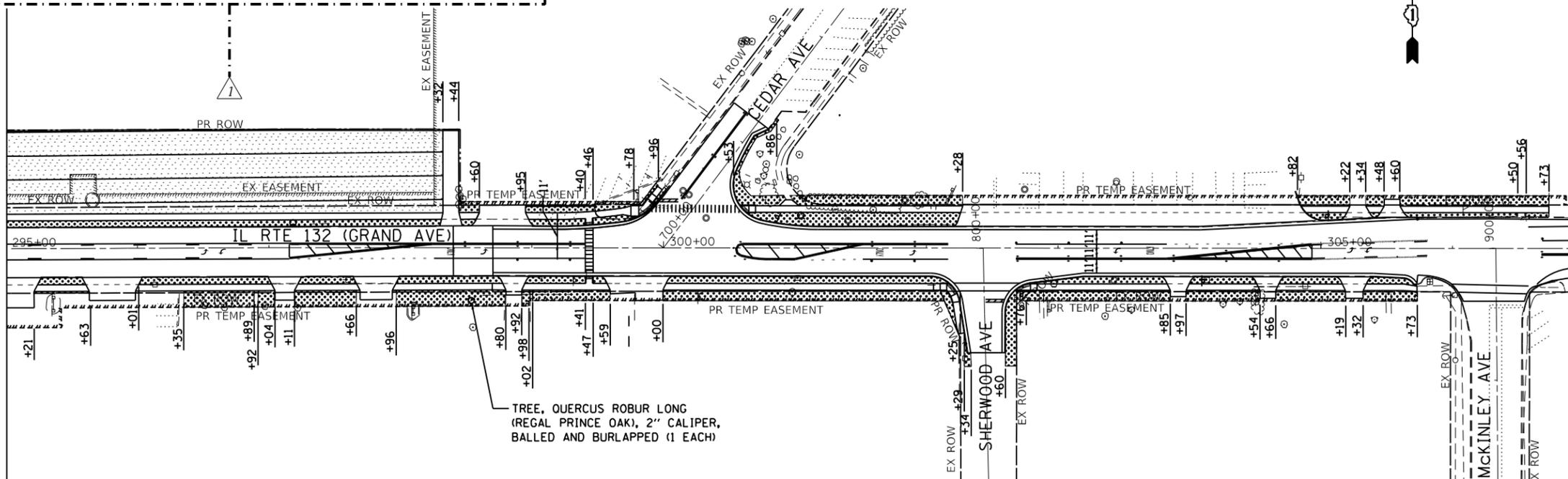
NOTE:

- UNIT OF PRAIRIE PLANT PLUGS (SPOROBOLUS, PRAIRIE DROPSEED) SHALL BE PLACE BETWEEN STA. 289+50 LT TO STA. 297+00 LT.
- LOCATION OF THE TREES/PLANTS SHOULD BE COORDINATED WITH BUREAU OF MAINTENANCE, ROADSIDE DEVELOPMENT UNIT DURING CONSTRUCTION.

LANDSCAPING LEGEND



MATCH LINE STA 295+00 SEE ABOVE



MATCH LINE STA 307+00 SEE SHEET 80



FILE NAME = G:\Engineering\LiveProjects\13020 IL 132 Lond Bridge\CAD\CADD Sheets\Civil\0162453-ah-Landscaping.dwg



USER NAME = jschumann	DESIGNED - AB	REVISED - 01/10/2022 JLS
PLOT SCALE = 100,0000' / in.	DRAWN - AB	REVISED -
PLOT DATE = 1/10/2023	CHECKED - TGM	REVISED -
	DATE - 01/10/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

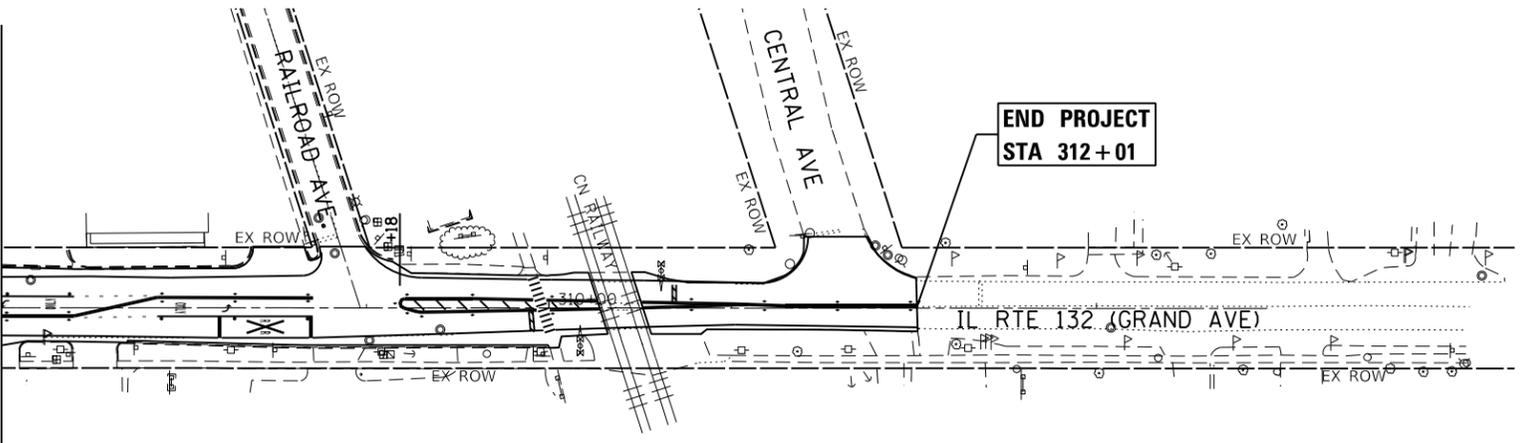
**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.
LANDSCAPING PLAN - I**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. TO STA.

REVISION 1/11/2023			
F.A.P. RTE. 541	SECTION WR(2)-R-1	COUNTY LAKE	TOTAL SHEETS 164
			SHEET NO. 79
CONTRACT NO. 62A53			
ILLINOIS FED. AID PROJECT			

MATCH LINE STA 295+00 SEE BELOW

MATCH LINE STA 307+00 SEE SHEET 79



END PROJECT
STA 312+01



LANDSCAPING LEGEND

-  SODDING, SALT TOLERANT
-  SEEDING, CLASS 4 (MODIFIED)
-  SEEDING, CLASS 4B (MODIFIED)
-  W/EROSION CONTROL BLANKET



FILE NAME = G:\Engineering\LiveProjects\13020_IL_132_Land_Bridge\CADD\CADD_Sheets\Civil\0162453-shr-Landscaping_2.dgn



USER NAME = jschumann	DESIGNED - AB	REVISED -  01/10/2022 JLS
PLOT SCALE = 100,0000' / in.	DRAWN - AB	REVISED -
PLOT DATE = 1/10/2023	CHECKED - TGM	REVISED -
	DATE - 01/10/2023	REVISED -

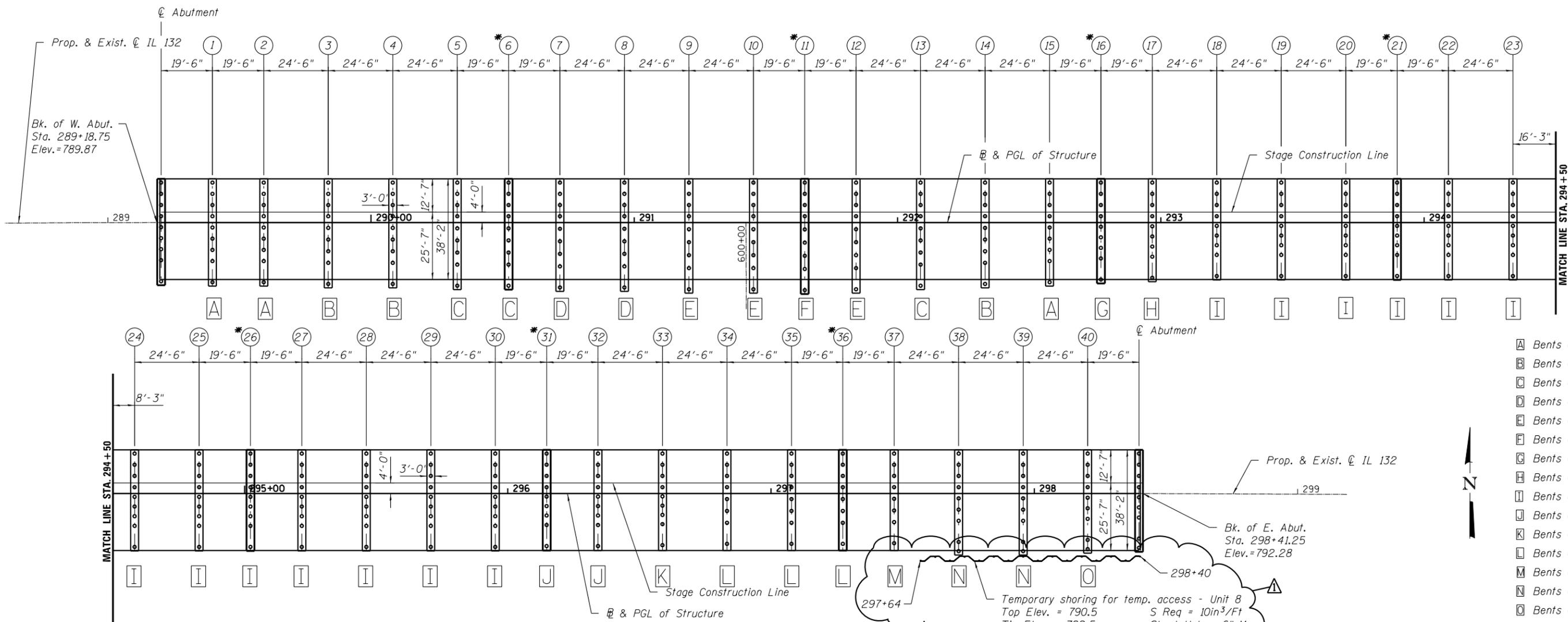
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.
LANDSCAPING PLAN - II**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 541	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	WR(2)-R-1	LAKE	164	80
CONTRACT NO. 62A53				
ILLINOIS FED. AID PROJECT				

 REVISED SHEET 1/11/2023



- A Bents Group A
- B Bents Group B
- C Bents Group C
- D Bents Group D
- E Bents Group E
- F Bents Group F
- G Bents Group G
- H Bents Group H
- I Bents Group I
- J Bents Group J
- K Bents Group K
- L Bents Group L
- M Bents Group M
- N Bents Group N
- O Bents Group O

PILE DATA TABLE

BENT NO.	BL / PGL STATION	BL / PGL ELEVATION	BTM. OF CAP ELEVATION	ESTIMATED LENGTH	PRODUCTION PILES	TEST PILES
Bk W Abut	289+18.75	789.88	784.33	54	8	1
CL of 1	289+39.75	789.96	783.83	54	9	0
CL of 2	289+59.25	790.00	783.87	54	8	1
CL of 3	289+83.75	789.99	783.87	69	9	0
CL of 4	290+08.25	789.93	783.81	69	9	0
CL of 5	290+32.75	789.84	783.71	69	8	1
* CL of 6	290+52.25	789.77	784.23	69	9	0
CL of 7	290+71.75	789.73	783.60	69	9	0
CL of 8	290+96.25	789.70	783.58	64	9	0
CL of 9	291+20.75	789.72	783.59	64	8	1
CL of 10	291+45.25	789.76	783.64	64	9	0
* CL of 11	291+64.75	789.83	784.28	64	8	1
CL of 12	291+84.25	789.90	783.78	64	9	0
CL of 13	292+08.75	790.00	783.88	54	8	1
CL of 14	292+33.25	790.10	783.97	54	9	0
CL of 15	292+57.25	790.18	784.05	54	9	0

PILE DATA TABLE

BENT NO.	BL / PGL STATION	BL / PGL ELEVATION	BTM. OF CAP ELEVATION	ESTIMATED LENGTH	PRODUCTION PILES	TEST PILES
* CL of 16	292+77.25	790.22	784.67	54	9	0
CL of 17	292+96.75	790.23	784.11	44	8	1
CL of 18	293+21.25	790.22	784.09	44	9	0
CL of 19	293+45.75	790.17	784.05	44	9	0
CL of 20	293+70.25	790.09	783.96	44	8	1
* CL of 21	293+89.75	790.01	784.47	44	9	0
CL of 22	294+09.25	789.93	783.80	59	8	1
CL of 23	294+33.75	789.83	783.71	59	9	0
CL of 24	294+58.25	789.75	783.63	59	8	1
CL of 25	294+82.75	789.71	783.59	59	9	0
* CL of 26	295+02.25	789.70	784.16	59	9	0
CL of 27	295+21.75	789.72	783.59	69	8	1
CL of 28	295+46.25	789.77	783.64	69	9	0
CL of 29	295+70.75	789.85	783.72	54	9	0
CL of 30	295+95.25	789.95	783.82	54	9	0
CL of 31	296+14.75	790.03	784.48	54	9	0

PILE DATA TABLE

BENT NO.	BL / PGL STATION	BL / PGL ELEVATION	BTM. OF CAP ELEVATION	ESTIMATED LENGTH	PRODUCTION PILES	TEST PILES
CL of 32	296+34.25	790.10	784.00	59	8	1
CL of 33	296+58.75	790.20	784.10	59	9	0
CL of 34	296+83.25	790.30	784.20	59	8	0
CL of 35	297+07.75	790.44	784.34	54	8	0
* CL of 36	297+27.25	790.59	785.09	54	8	0
CL of 37	297+46.75	790.78	784.68	54	7	1
CL of 38	297+71.25	791.08	784.98	54	9	0
CL of 39	297+95.75	791.44	784.34	54	9	0
CL of 40	298+20.25	791.86	785.76	54	9	0
Bk E Abut	298+41.25	792.28	786.77	54	8	1

*Interior Expansion Pile Bents

1/10/2023 \\abna\joh\1\2015\6119\CD\Sub\Design\04-906\95-0162\053-005-Sub\Sub\you.dgn

ABNA
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 Chicago, IL 60643
 Ph. 773-881-4788
 F: 773.239.3728

DESIGNED - FH	REVISOR - 01/10/2023
DRAWN - JKR	REVISOR -
CHECKED - SEA	REVISOR -
DATE - 1/10/2023	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUBSTRUCTURE LAYOUT PLAN
 STRUCTURE NO. 049-0690**

SCALE: SHEET 5 OF 56 SHEETS STA. 288+89.75 TO STA. 298+70.25

F.A.P. RTE. 541	SECTION WR21-R-1	COUNTY LAKE	TOTAL SHEETS 164	SHEET NO. 85
CONTRACT NO. 62A53				ILLINOIS FED. AID PROJECT

REVISED SHEET 1/11/2023