

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	1
		ILLINOIS	CONTRACT NO. 61H71	

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1352 (CHESTNUT AVENUE) FROM LEHIGH AVE TO IL ROUTE 43 (WAUKEGAN ROAD)

INTERSECTION IMPROVEMENT, WIDENING, AND RESURFACING

SECTION NO.: 15-00190-00-PV

PROJECT NO: SMXV(697)

VILLAGE OF GLENVIEW

COOK COUNTY

C-91-185-20

CHESTNUT AVENUE

ROADWAY CLASSIFICATION = MAJOR COLLECTOR

POSTED SPEED = 35 MPH

ADT = 13,600 VPD

JOHNS DRIVE

ROADWAY CLASSIFICATION = LOCAL ROAD

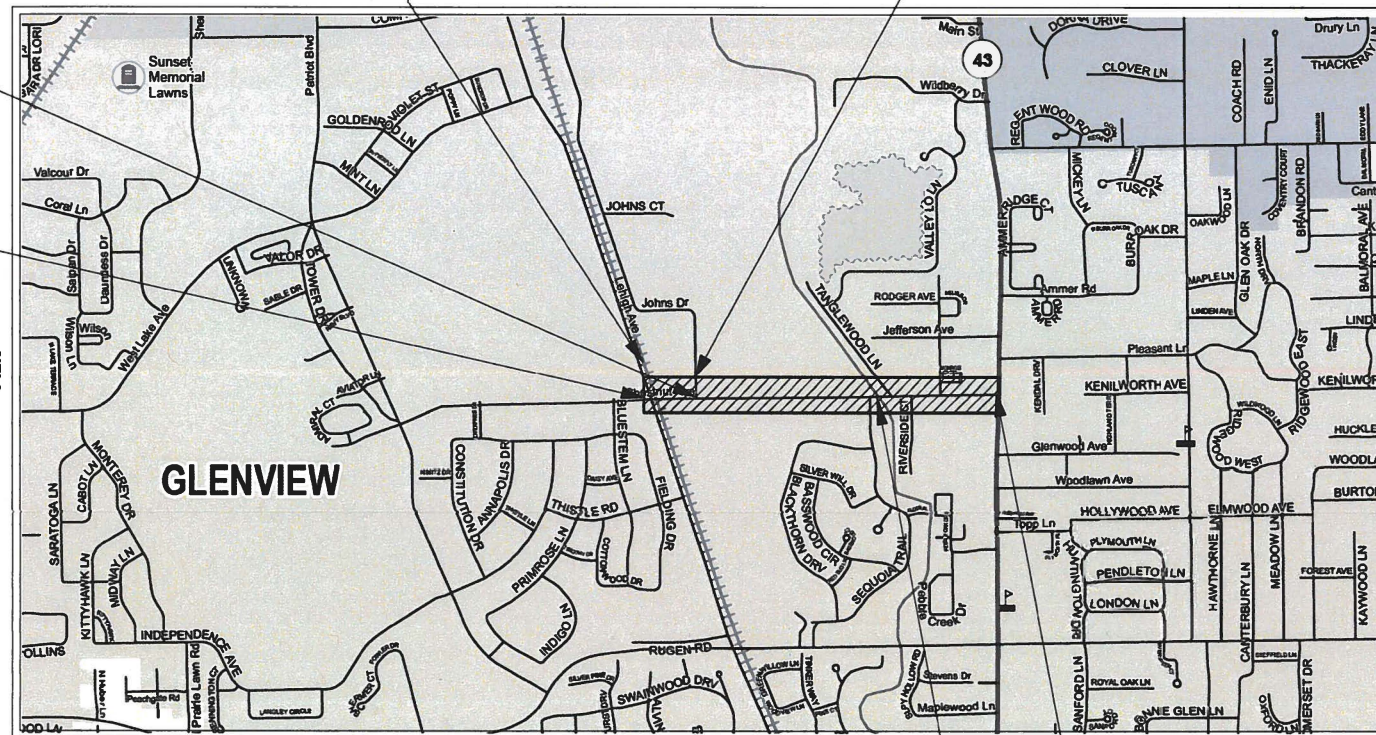
POSTED SPEED = 30 MPH

METRA

END PROJECT LIMITS
STATION 602 + 53.94
JOHNS DRIVE

BEGIN PROJECT LIMITS
STATION 600 + 00.00
JOHNS DRIVE

BEGIN PROJECT LIMITS
STATION 20 + 87.95
CHESTNUT AVENUE

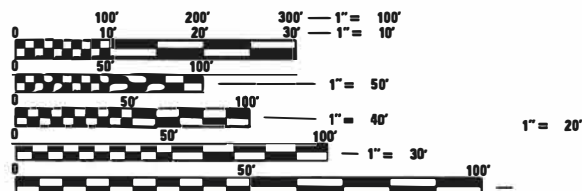


LOCATION MAP
N.T.S.

GROSS LENGTH = 3,471.92 FT. = 0.657 MILE
NET LENGTH = 3,381.00 FT. = 0.640 MILE

END PROJECT LIMITS
STATION 56 + 50.79
CHESTNUT AVENUE

BRIDGE OMISSION (016-6221)
STATION 44 + 75.40 TO
STATION 45 + 66.32



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

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



CONTRACT NO. 61H71

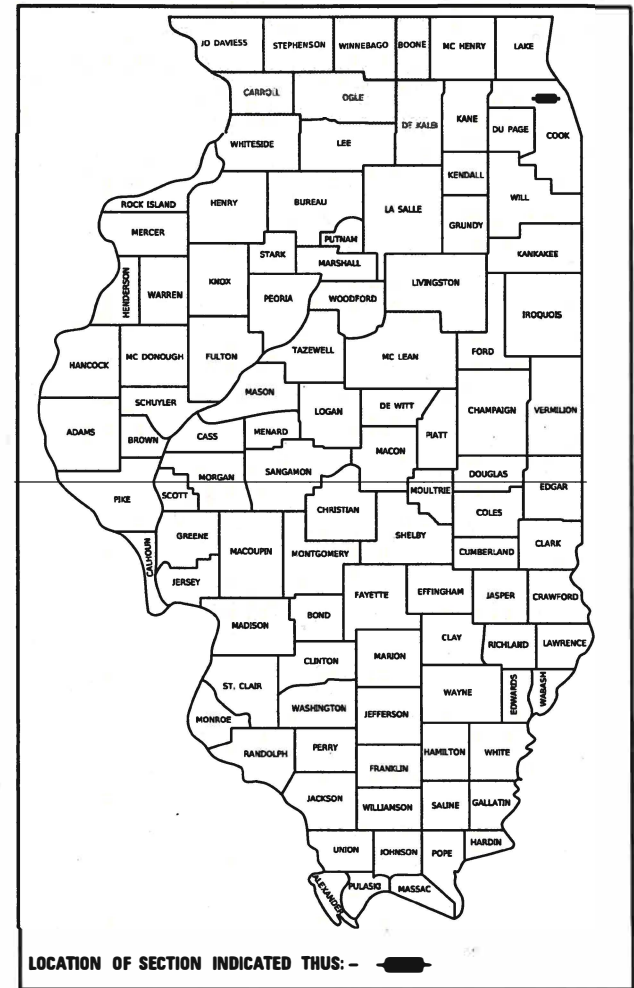
REGISTERED P.E. STATE OF ILLINOIS EXPIRES 02/28/2022
APPLIES TO ALL OTHER DRAWINGS.

APPLIES TO ELECTRICAL DRAWINGS 88 TO 92

17-Jan-2022

REGISTERED P.E. STATE OF ILLINOIS EXPIRES 11/30/2023
APPLIES TO STORM SEWER AND WATER MAIN DRAWINGS 71 TO 78 AND 100

1/17/22



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED Jan 17 20 22
Adriana Webb *ADWebb*
VILLAGE OF GLENVIEW, DIVISION MANAGER

PASSED FEB 24 20 22
C. J. Pinder
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW *February 20 22*
John Rios / OAS
REGIONAL ENGINEER

PLANS PREPARED BY:

**BURNS
MCDONNELL**

FOR VILLAGE OF GLENVIEW,
ADRIANA WEBB, ENGINEERING DIVISION MANAGER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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

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424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
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602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
602402-03	PRECAST MANHOLE, TYPE A, 5' (1.52 M) DIAMETER
602406-11	PRECAST MANHOLE, TYPE A, 6' (1.83 M) DIAMETER
602411-09	PRECAST MANHOLE, TYPE A, 7' (2.13 M) DIAMETER
602416-09	PRECAST MANHOLE, TYPE A, 8' (2.44 M) DIAMETER
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602701-02	MANHOLE STEPS
604036-03	GRATE, TYPE 8
604091-05	FRAME AND GRATE, TYPE 24
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701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
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701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720021-03	SIGN PANELS, EXTRUDED ALUMINUM TYPE
728001-01	TELESCOPING STEEL SIGN SUPPORT
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814001-03	HANDHOLES
821101-02	LUMINAIRE WIRING IN POLE
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836001-04	LIGHT POLE FOUNDATION
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ER-3	SILT FENCE DETAIL
ER-5	ABOVE GRADE INLET FILTERS
ER-7	TEMPORARY TOPSOIL STOCKPILE DETAIL
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P-3	DRIVEWAY REPLACEMENT DETAIL
P-4	PAVEMENT PATCH DETAIL

COMMITMENTS

NO COMMITMENTS WERE MADE FOR THIS PROJECT.

MODEL: Default
FILE NAME: 132547.dwg INDEX 01.dgn



USER NAME = htsummers	DESIGNED JA	REVISED
	DRAWN HS	REVISED
PLOT SCALE = 2000 @ 1/8" = 1'	CHECKED JA	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STANDARDS AND COMMITMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	2
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- ADDITIONAL COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED BY THE ENGINEER. THIS REMOVAL AND REPLACEMENT WILL BE IN KIND.
- SIDEWALK REMOVAL LIMITS SHALL BE ADJUSTED IN THE FIELD BY THE ENGINEER TO MATCH EXISTING JOINTS.
- UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- 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 CONTRACTOR SHALL TAKE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
- POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMANS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.
- THE CONTRACTOR SHALL MAINTAIN EXISTING STREET ACCESS AND EXISTING DRIVEWAY ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL DRIVEWAYS SHALL BE CONSIDERED COMMERCIAL DRIVEWAYS UNLESS OTHERWISE SPECIFIED.
- ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.
- 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. SHOW THE LOCATION OF PIPE UNDERDRAIN IN DETAILS IN THE PROPOSED CROSS SECTION.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL COORDINATE WITH VALLEY LO FOR THE REMOVAL OF THE EXISING LIGHT FIXTURES LOCATED AT THE ENTRANCES TO THE VALLEY LO COMPLEX SHOWN CALLED OUT ON THE PLANS.
- THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITIES FOR THE REMOVAL OF THE EXISING LIGHT FIXTURES MOUNTED ON EXISTING UTILITY POLES CALLED OUT ON THE PLANS.
- PRIOR TO CLEARING AND LANDSCAPING, THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE OF GLENVIEW NATURAL RESOURCES MANAGER AT (847) 904-4536 ON WHICH TREES SHALL BE SALVAGED TO BE TRANSPLANTED AND PLACEMENT OF PROPOSED TREES.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
- ANY TREE PLANTED OUTSIDE OF THE VILLAGE OF GLENVIEW RIGHT OF WAY WILL BE PAID FOR BY LOCAL FUNDS.

STORM SEWERS – STRUCTURES – UTILITIES

- THE STATION / OFFSET / ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL DETERMINE THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES.
- THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS. THE EXACT LOCATIONS AND ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNERS OF THE UTILITIES.
- MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH FLAT TOPS WHERE THE DIFFERENCE BETWEEN THE RIM ELEVATION AND INVERT ELEVATION IS LESS THAN SIX (6) FEET.
- ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER IN COORDINATION WITH THE AGENCY MAINTAINING THE STRUCTURE INVOLVED.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT.
- EXISTING DRAINAGE STRUCTURE LOCATION AND INVERTS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF THE PROPOSED DRAINAGE ITEMS.
- THE NEW FRAMES AND COVERS ARE INCLUDED IN THE COST OF NEW STORM SEWER CATCH BASINS, MANHOLES AND INLETS TO BE CONSTRUCTED PER THE SPECIAL PROVISIONS. NEW FRAMES AND COVERS TO BE INSTALLED ON EXISTING STORM SEWER CATCH BASINS, MANHOLES AND INLETS SHALL BE PAID FOR AS NEW FRAME & COVER PER THE SPECIAL PROVISIONS.
- THE SPECIAL PROVISIONS OUTLINE WHAT TYPE OF FRAME AND GRATE SHALL BE USED FOR DIFFERENT CURB TYPES SHOWN IN THE DRAINAGE SCHEDULES.
- THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY FOR THE REMOVAL OF LIGHT FIXTURES.
- THE CONTRACTOR SHALL COORINDATE WITH W.O.W., INC TO WATCH AND PROTECT THE UNDERGROUND UTILITIES.
- COMBINATION CURB AND GUTTER TRANSITIONS AND VARIATIONS FOR DRAINAGE STRUCTURES SHALL BE PAID FOR AS COMBINATION CURB AND GUTTER B-6.12 UNLESS OTHERWISE SPECIFIED.

ROADWAY EXCAVATION

- THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT. NOT SCHEDULED TO BE REMOVED, WITH TRACK EQUIPMENT OR LOADED SCRAPERS.
- ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUB-BASE GRANULAR MATERIAL.
- SAW CUTS (FULL DEPTH) SHALL BE REQUIRED BETWEEN PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, AND BITUMINOUS SURFACE TO BE REMOVED AND THAT TO BE LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THE WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF REMOVAL ITEMS.

TREE REMOVAL – CLEARING – HEDGE REMOVAL

- TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTION TO PRESERVE EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIRING OR REPLACING OF EXISTING PLANT MATERIAL SHALL BE DONE IN ACCORDANCE WITH REQUIREMENTS STATED HEREIN.

OVERHANGING LIMBS

- OVERHANGING LIMBS ARE TO BE TRIMMED OR CUT OFF TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF TWENTY (20) FEET FROM THE FINISHED SURFACE OF THE ROAD. CLEARANCE TO SIDEWALKS OR PATHS SHALL BE AS DIRECTED BY THE ENGINEER.
- LIMB PRUNNING SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.
- ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.

HOT-MIX ASPHALT SURFACE – HOT-MIX ASPHALT BASE COURSE

- CONTRACTOR SHALL TRANSITION PROPOSED ROADWAY PROFILE TO EXISTING GROUND WITHIN 25' OF THE END OF THE PROPOSED PROFILE.
- HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, BASE COURSE, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
- SAWCUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS.
- HOT-MIX ASPHALT BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLY HMA BC IL-4.75 N50.

RAILROAD

- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE METRA RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD RIGHT-OF-WAY. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE METRA RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM ILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING THE RAILROAD RIGHT-OF-WAY ENTRY PERMIT. ALL COSTS ASSOCIATED WITH THE PERMIT PREPARATION, PERMIT FEES, OR OTHER ASSOCIATED FEES WILL BE INCLUDED IN THE COST OF THE RAILROAD RIGHT-OF-WAY ENTRY PERMIT.

PAVEMENT MARKING

- THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING ALL STAGES OF CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING.
 - SIGNS SHALL NOT BE REMOVED UNTIL NECESSITATED BY THE PROGRESS OF THE WORK.
 - EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMAN LIKE MANNER AND VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
 - ALL SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
 - ALL REMOVED SIGNS SHALL BE RETURNED TO APPROPRIATE GOVERNING BODY AS DIRECTED BY THE ENGINEER.

WATER MAIN

- COVER ALL NEW FIRE HYDRANTS WITH BLACK PLASTIC BAGS AFTER INSTALLATION AND UNTIL NEW WATER MAIN IS IN SERVICE.
- ALL FIRE HYDRANTS SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS SHOWN IN STANDARD DETAIL U-22.
- THE CONTRACTOR SHALL FIELD VERIFY DISTANCES FOR FIRE HYDRANT RELOCATIONS.
- THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES SHOWN ON THE DRAWINGS ARE BASED ON INFORMATION PROVIDED BY OWNERS OF THE FACILITIES AND ARE NOT NECESSARILY COMPLETE OR ACCURATE.
- SIZES OF EXISTING WATER MAINS WERE DETERMINED FROM VILLAGE OF GLENVIEW WATER MAIN ATLASES, AND MAY NOT REPRESENT ACTUAL WATER MAIN SIZES. CONTRACTOR SHALL HAVE AN ADEQUATE NUMBER OF FITTINGS, LINE STOPS, TAPPING SLEEVES AND TAPPING VALVES AVAILABLE TO COMPLETE WORK WITHOUT DELAYS DUE TO VARYING WATER MAIN PIPE SIZES.
- PROTECT EXISTING UNDERGROUND UTILITIES AND BUILDING SERVICE LINES FROM DAMAGE. MAKE EXPLORATIONS AS NECESSARY TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES. EXERCISE CARE DURING THE PROGRESS OF WORK TO PREVENT DAMAGE TO EXISTING UNDERGROUND FACILITIES.
- COORDINATE WITH UTILITY COMPANIES TO SUPPORT, PROTECT, OR REMOVE AND REPLACE ALL POLES OR POLE ANCHORS AFFECTED BY CONSTRUCTION, EVEN WHERE SUPPORT IS NOT INDICATED IN THE DRAWINGS.
- THE WATER MAIN PAY ITEM INCLUDES LABOR, MATERIAL, INCLUDING ALL FITTINGS (BENDS, WYES, TEES, MEGALUGS, REDUCERS, PLUGS, SLEEVES, ETC.) PIPE, REQUIRED WATER MAIN ADJUSTMENTS DUE TO UTILITY CROSSINGS, POLYETHYLENE ENCASEMENT, THRUST BLOCKS, TRACING CABLES, BEDDING, AGGREGATE TRENCH BACKFILL, PRESSURE AND LEAKAGE TESTING, CHLORINATION, AND EQUIPMENT REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION, INCLUDING THE NECESSARY CUTTING, PLUGGING, AND REMOVAL OF EXISTING WATER MAINS TO BE ABANDONED, CROSSING UNDER UTILITIES, ALL EXCAVATION, REMOVAL AND DISPOSAL OFF-SITE OF EXCAVATED MATERIAL.
- ALL FIRE HYDRANT REPLACEMENTS MUST HAVE COORDINATED SHUTDOWNS AND TEE BOLTS REPLACED.

MODEL: Default
FILE: 132947.dwg, cns_01.dgn



USER NAME = jmallen2	DESIGNED JA	REVISED
	DRAWN HS	REVISED
PLOT SCALE = 2,0000 ' / in.	CHECKED JA	REVISED
PLOT DATE = 3/13/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	3
				CONTRACT NO. 61H71
		ILLINOIS	FED. AID PROJECT	

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
X		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	155		12		143	
X		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	106				106	
	*	20101000	TEMPORARY FENCE	FOOT	2250		250		2000	
X	*	20101100	TREE TRUNK PROTECTION	EACH	20		5		15	
X	*	20101200	TREE ROOT PRUNING	EACH	20		5		15	
X	*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	15		5		10	
X	*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	15		5		10	
		20200100	EARTH EXCAVATION	CU YD	800	200		600		
		20200200	ROCK EXCAVATION	CU YD	10			10		
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50	50				
		20400800	FURNISHED EXCAVATION	CU YD	50	25		25		
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	164	164				
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1352		452		900	
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	150		75		75	

MODEL: Default
FILE NAME: 132547.dwg, s00 01.dgn



USER NAME = htsummers	DESIGNED JA	REVISED
	DRAWN HS	REVISED
PLOT SCALE = 2,000' / in.	CHECKED JA	REVISED
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	4
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
X		25200110	SODDING, SALT TOLERANT	SQ YD	12135	4435			7700	
X	*	25200200	SUPPLEMENTAL WATERING	UNIT	350		100		250	
		28000305	TEMPORARY DITCH CHECKS	FOOT	20	20				
		28000400	PERIMETER EROSION BARRIER	FOOT	3673	2180		1493		
		28000510	INLET FILTERS	EACH	73	73				
	*	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1205	1205				
	*	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3613	3613				
		31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	939	939				
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3839			3839		
		35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	8	8				
		35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	1916	1916				
	*	35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SQ YD	867	867				
	*	35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SQ YD	771	771				
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20	20				

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USER NAME = htsummers	DESIGNED JA	REVISED
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 2 OF 14 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	5
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	16078	16078				
		40600370	LONGITUDINAL JOINT SEALANT	FOOT	15000	15000				
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10	10				
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	165	165				
	*	40600990	TEMPORARY RAMP	SQ YD	167			167		
	*	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	700	700				
	*	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	624	624				
	*	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	28	28				
	*	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1244	1244				
	*	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20	20				
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1557	622		935		
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8430	8430				
		42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	27612			27612		
		44000100	PAVEMENT REMOVAL	SQ YD	1395	1395				

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USER NAME = htsummers	DESIGNED JA	REVISED
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PLOT SCALE = 2.0000 / 1 in.	CHECKED JA	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	6
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
		44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	311	311				
		44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	5574	5574				
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1495	1417		78		
		44000300	CURB REMOVAL	FOOT	550	500		50		
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7344	7164		180		
		44000600	SIDEWALK REMOVAL	SQ FT	21765	18165		3600		
		44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	100	100				
		44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	90	90				
		44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	150	150				
		44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	1050	1050				
		50300300	PROTECTIVE COAT	SQ YD	3438	2013		1425		
		54248510	CONCRETE COLLAR	CU YD	26	26				
		550A0050	STORM SEWERS, CLASS A. TYPE 1 12"	FOOT	400	400				
		550A0340	STORM SEWERS, CLASS A. TYPE 2 12"	FOOT	245	175		70		
		550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	10	10				

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USER NAME = htsummers	DESIGNED JA	REVISED
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PLOT SCALE = 2.0000' / in.	CHECKED JA	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H71	

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
		550A0380	STORM SEWERS, CLASS A. TYPE 2 18"	FOOT	223	223				
		550A0410	STORM SEWERS, CLASS A. TYPE 2 24"	FOOT	356	356				
		550A0450	STORM SEWERS, CLASS A. TYPE 2 36"	FOOT	30	30				
		550A4710	STORM SEWERS, CLASS A. TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	395	395				
		550A5510	STORM SEWERS, CLASS A. TYPE 2 EQUIVALENT ROUND-SIZE 48"	FOOT	1539	1539				
	*	55100100	STORM SEWER REMOVAL 4"	FOOT	15	15				
	*	55100300	STORM SEWER REMOVAL 8"	FOOT	10			10		
	*	55100400	STORM SEWER REMOVAL 10"	FOOT	125	125				
	*	55100500	STORM SEWER REMOVAL 12"	FOOT	350	340		10		
	*	55100700	STORM SEWER REMOVAL 15"	FOOT	100	100				
	*	55100900	STORM SEWER REMOVAL 18"	FOOT	50	50				
		55106005	STORM SEWER INSTALLATION 4"	FOOT	18	18				
X	*	56100600	WATER MAIN, 6"	FOOT	117	20		32		65
X	*	56100700	WATER MAIN, 8"	FOOT	155	90				65

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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 5	OF 14 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	8
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
X	*	56100800	WATER MAIN, 10"	FOOT	300	110		40		150
X	*	56104900	WATER VALVES, 6"	EACH	1	1				
X	*	56105000	WATER VALVES, 8"	EACH	3	2				1
X	*	56105100	WATER VALVES, 10"	EACH	5	2				3
X	*	56400500	FIRE HYDRANTS TO BE REMOVED	EACH	8			8		
X	*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	10			7		3
X	*	56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	1			1		
		60108204	PIPE UNDERDRAINS, TYPE II, 4"	FOOT	375	375				
		60250200	CATCH BASIN TO BE ADJUSTED	EACH	3	3				
		60255500	MANHOLES TO BE ADJUSTED	EACH	5			5		
		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	8	8				
		60266600	VALVE BOXES TO BE ADJUSTED	EACH	5	5				
		60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	11	11				

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USER NAME = hsummers	DESIGNED JA	REVISED
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PLOT SCALE = 2.0000' / in.	CHECKED JA	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	9
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
	*	60500040	REMOVING MANHOLES	EACH	5	5				
	*	60500050	REMOVING CATCH BASINS	EACH	23	21		2		
	*	60500060	REMOVING INLETS	EACH	18	18				
		60600605	CONCRETE CURB, TYPE B	FOOT	667.5	667.5				
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	7604.5	7604.5				
		60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	653	653				
X	*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	45	45				
X	*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1				
X	*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1				
X	*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1				
X	*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15				
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8				
		67100100	MOBILIZATION	L SUM	1	0.75		0.25		
		70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30				

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	USER NAME = htsummers	DESIGNED JA	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	DRAWN HS	REVISED					1352	15-00190-00-PV	COOK	151	10
	PLOT DATE = 2/15/2022	CHECKED JA	REVISED		SCALE: SHEET 7 OF 14 SHEETS STA. TO STA.			CONTRACT NO. 61H71				
	DATE 2/14/2021	REVISOR	REVISED					ILLINOIS FED. AID PROJECT				

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
		70107025	CHANGEABLE MESSAGE SIGN	CAL DA	80	80				
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	22200	22200				
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	11100	11100				
		70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	220	220				
		70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IVTAPE	FOOT	41700	41700				
		70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	2000	2000				
		70307160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE IV TAPE	FOOT	102	102				
		70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	100	100				
X		72000100	SIGN PANEL - TYPE 1	SQ FT	187.75	187.75				
X		72300100	INSTALL EXISTING SIGN PANEL	SQ FT	69.75	69.75				
X		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	26	26				
X		72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	9	9				
X		72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2				
X		72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1				

MODEL: Default
 FILE NAME: 132547_RHS_S00_08.dgn

	USER NAME = hsummers	DESIGNED JA	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	CHECKED JA	REVISED			1352	15-00190-00-PV	COOK	151	11
	PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED			SCALE: SHEET 8 OF 14 SHEETS STA. TO STA.		CONTRACT NO. 61H71 ILLINOIS FED. AID PROJECT		

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	
X		72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	56.25	56.25				
X		72900100	METAL POST - TYPE A	FOOT	492.5	492.5				
X		78000100	THERMOPLASTIC MARKING - LETTERS AND SYMBOLS	SQ FT	827	827				
X		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7062	7062				
X		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1734	1734				
X		78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	271	271				
X		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	541	541				
X		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	171	171				
X		78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	225	225				
X		78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	15000	15000				
X		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5000	5000				
X		80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	2				
X	*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1				
X		81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1575	1575				

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USER NAME = htsummers	DESIGNED JA	REVISED
	DRAWN HS	REVISED
PLOT SCALE = 2.0000' / 1 in.	CHECKED JA	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET 9	OF 14 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	12
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
X		81400100	HANDHOLE	EACH	8	8				
X		81603096	UNIT DUCT, 600V, 4-1C NO.8, 1/C NO.8 GROUND, (XLP TYPE USE), 1 1/4" DIA POLYETHYLENE	FOOT	1760	1760				
X		81603111	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP TYPE USE), 1 1/4" DIA POLYETHYLENE	FOOT	975	975				
X		82500330	LIGHTING CONTROLLOR, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	2	2				
X	*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	135	135				
X		84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	2			2		
X	*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1				
X		87000775	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 4 AND NO. 6	FOOT	95	95				
X	*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	442	442				
X	*	K0026610	TRANSPLANTED SALVAGED TREES	EACH	15	15				
X	*	K0036120	MULCH PLACEMENT 4"	SQ YD	390		100		290	
	*	X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	2	2				
	*	X0324450	SEGMENTAL CONCRETE BLOCK WALL, SPECIAL	SQ FT	45	45				
	*	X0326275	RAILROAD RIGHT-OF-WAY ENTRY PERMIT	EACH	1	1				
X	*	X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	6	6				
	*	X0326694	PLUG EXISTING STORM SEWER	CU YD	1	1				

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	USER NAME = htsummers	DESIGNED JA	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITY				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2,000' / in.	DRAWN HS	REVISED		1352	15-00190-00-PV	COOK	151	13				
	PLOT DATE = 2/15/2022	CHECKED JA	REVISED		SCALE: SHEET 10 OF 14 SHEETS STA. TO STA.				CONTRACT NO. 61H71				
	DATE 2/14/2021	REVISD					ILLINOIS FED. AID PROJECT						


SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
	*	X0327989	REMOVE EXISTING BRICK PAVERS	SQ FT	109			109		
X	*	X1200015	VALVE VAULTS TO BE ABANDONED	EACH	5	1				4
X	*	X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	2				
	*	X1700011	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH	SQ FT	234	234				
	*	X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	275	65		210		
	*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	8130	8130				
	*	X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	505	505				
X	*	X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	65	65				
X	*	X5610658	WATER MAIN TO BE ABANDONED, 8"	FOOT	120	55				65
X	*	X5610660	WATER MAIN TO BE ABANDONED, 10"	FOOT	195	30				165
X	*	X5610662	WATER MAIN TO BE ABANDONED, 12"	FOOT	105	105				
X	*	X5610746	WATER MAIN LINE STOP 6"	EACH	2			2		
X	*	X5610750	WATER MAIN LINE STOP 10"	EACH	2			2		
X	*	X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	2	1		1		

MODEL: Default
FILE NAME: 135217_sht.dwg 11.09m

	USER NAME = htsummers	DESIGNED JA	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2,0000' / in.	DRAWN	REVISED						1352	15-00190-00-PV	COOK	151	14
	PLOT DATE = 2/15/2022	CHECKED	REVISED		SCALE: SHEET 11 OF 14 SHEETS STA. TO STA.				CONTRACT NO. 61H71				
	DATE 2/14/2021	REVISED					ILLINOIS FED. AID PROJECT						


SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
X	*	X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	4	3				1
X	*	X5630710	CONNECTION TO EXISTING WATER MAIN 10"	EACH	6	1				5
X	*	X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	1	1				
	*	X6020084	MANHOLE, SPECIAL	EACH	3	3				
	*	X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2				
	*	X6020290	MANHOLES, TYPE A, 7'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	8	8				
	*	X6020296	MANHOLES, TYPE A, 8'-DIAMETER WITH SPECIAL FRAME AND GRATE	EACH	2	2				
	*	X6020710	CATCH BASINS TO BE ADJUSTED WITH SPECIAL FRAME AND GRATE	EACH	2	1		1		
	*	X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1	1				
	*	X6022712	CATCH BASINS, TYPE A, 4' DIAMETER WITH SPECIAL FRAME AND GRATE	EACH	28	25		3		
	*	X6022930	MANHOLES, TYPE A, 5'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	3	3				
	*	X6023212	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE, SPECIAL	EACH	24	24				
	*	X6024090	MANHOLES, TYPE A, 6'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1	1				
	*	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	7	7				

MODEL: Default
FILE NAME: 132517_srt_sch 12.dgn

	USER NAME = hsummers	DESIGNED JA	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	DRAWN	REVISION		1352	15-00190-00-PV	COOK	151	15				
	PLOT DATE = 2/15/2022	CHECKED	REVISION		SCALE: SHEET 12 OF 14 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				
	DATE 2/14/2021	REVISION					CONTRACT NO. 61H71						

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
	*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1				
X	*	X8250500	LIGHTING UNIT COMPLETE, SPECIAL	EACH	20	20				
	*	XX000541	EXPLORATORY EXCAVATION	CU YD	40	20		20		
X	*	XX006179	SANITARY MANHOLE REMOVAL AND REPLACEMENT	EACH	1	1				
X	*	XX006433	BACKFLOW PREVENTER	EACH	1	1				
X	*	XX006570	TREES (SPECIAL)	EACH	25	25				
	*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1				
	*	Z0019600	DUST CONTROL WATERING	UNIT	21	21				
	*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	130	130				
X	*	Z0044900	PRESSURE CONNECTION 10" X 10"	EACH	1					1
	*	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1				
	*	Z0055905	TEMPORARY CONSTRUCTION FENCE	FOOT	2500	2500				
X	*	Z0067500	STEEL CASINGS 16"	FOOT	60	40				20
X	*	Z0067700	STEEL CASINGS 20"	FOOT	40	40				

MODEL: D:\default
FILE NAME: 132517_sht.dwg 13.000

	USER NAME = jmallen2	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / in.	DRAWN	REVISED		1352	15-00190-00-PV	COOK	151	16				
	PLOT DATE = 2/15/2022	CHECKED	REVISED		SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.				CONTRACT NO. 61H71				
	DATE 2/14/2021	REVISOR					ILLINOIS FED. AID PROJECT						

SPECIALTY ITEM	SPECIAL PROVISION	PAY ITEM	ITEM	UNIT	TOTAL QUANTITY	STP (70/30)		ITEP (80/20)		LOCAL (100)
						ROADWAY	LANDSCAPING	ROADWAY	LANDSCAPING	ROADWAY
						0005	0031	0028	0031	0043
						URBAN	URBAN	URBAN	URBAN	URBAN
**	*	Z0076600	TRAINEES	HOUR	500	-				
**	*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	-				

** 100% CONSTRUCTION CODE 0042

MODEL: Default
FILE NAME: 1322517_SHT_003_14.dgn



USER NAME = jmallen2	DESIGNED	REVISED
	DRAWN	REVISED
PLOT SCALE = 2.0000' / in.	CHECKED	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

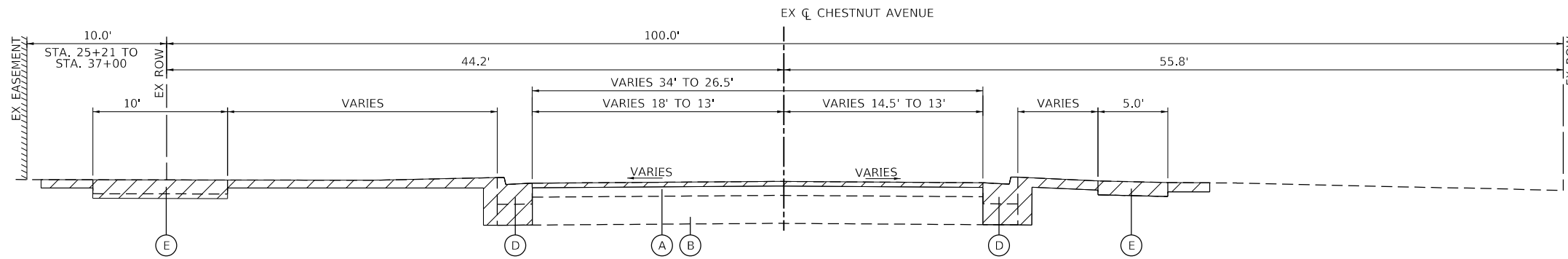
SUMMARY OF QUANTITIES

SCALE: SHEET 14 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	17
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

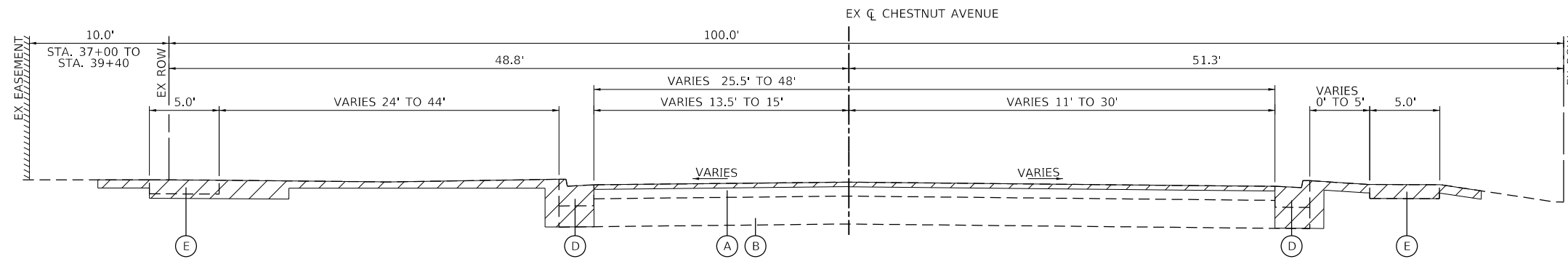
EXISTING LEGEND

- (A) HMA PAVEMENT (VARIES 4" TO 6")
- (B) PCC PAVEMENT (VARIES 9" TO 12")
- (C) AGGREGATE BASE COURSE
- (D) COMB. CONCRETE CURB & GUTTER, TYPE B TO 6.24
- (E) SIDEWALK, CONCRETE



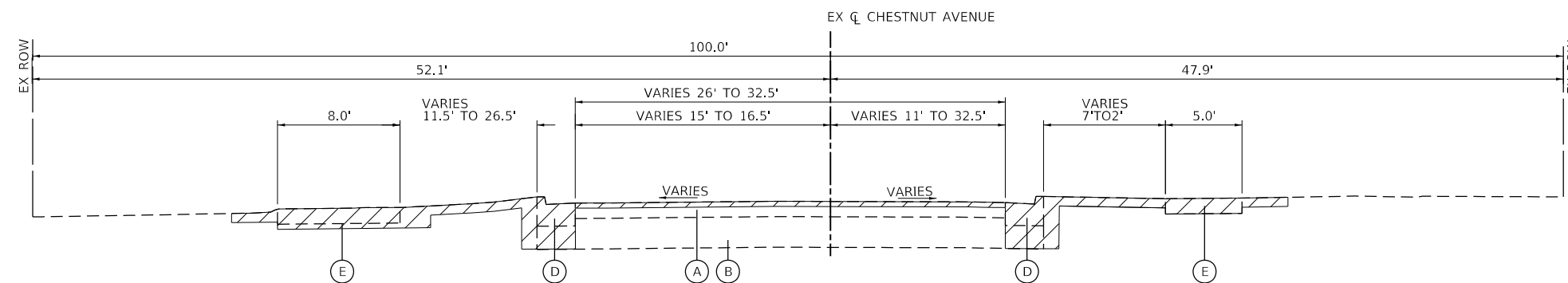
EXISTING TYPICAL SECTION

CHESTNUT AVENUE
STA 20+87.95 TO 28+00



EXISTING TYPICAL SECTION

CHESTNUT AVENUE
STA 28+00 TO 39+00



EXISTING TYPICAL SECTION

CHESTNUT AVENUE
STA 39+00 TO 44+75
STA 45+66 TO 48+00
PROJECT OMISSION AT
STRUCTURE NO. 016-6221
(STA 44+75.40 TO 45+66.32)

MODEL: D:\mduffy\132547.sht typ_01.dgn
FILE NAME: 132547.sht typ_01.dgn



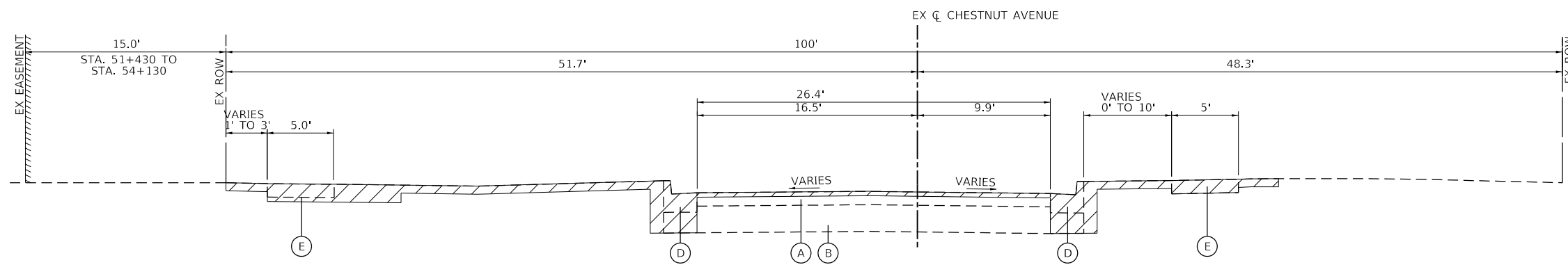
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	DRAWN HS	REVISED
PLOT SCALE = 10,0000' / in.	CHECKED JR	REVISED
PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
CHESTNUT AVENUE**

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


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	18
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

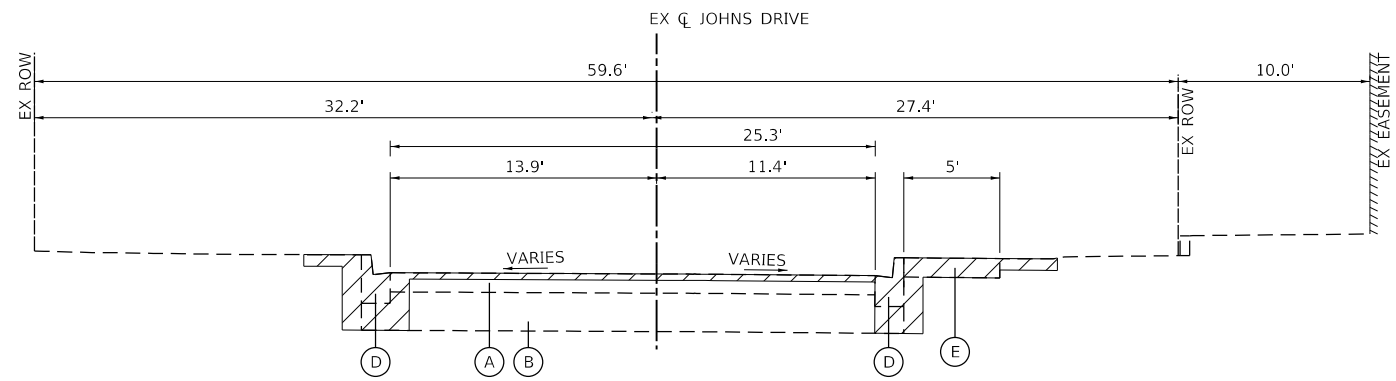


EXISTING TYPICAL SECTION

CHESTNUT AVENUE
STA 48+00 TO 56+50.79

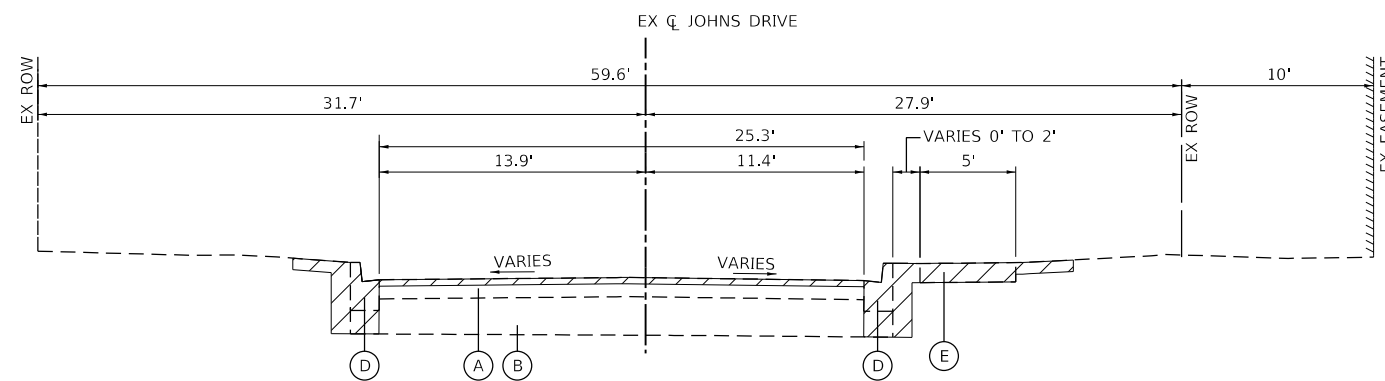
EXISTING LEGEND

- (A) HMA PAVEMENT (VARIES 4" TO 6")
 - (B) PCC PAVEMENT (VARIES 9" TO 12")
 - (C) AGGREGATE BASE COURSE
 - (D) COMB. CONCRETE CURB & GUTTER, TYPE B TO 6.24
 - (E) SIDEWALK, CONCRETE
-  REMOVAL ITEMS



EXISTING TYPICAL SECTION

JOHNS DRIVE
STA 600+50 TO 602+50



EXISTING TYPICAL SECTION

JOHNS DRIVE
STA 602+50 TO END

MODEL: D:\p101\132547.sht typ_02.dgn
FILE NAME: 132547.sht typ_02.dgn



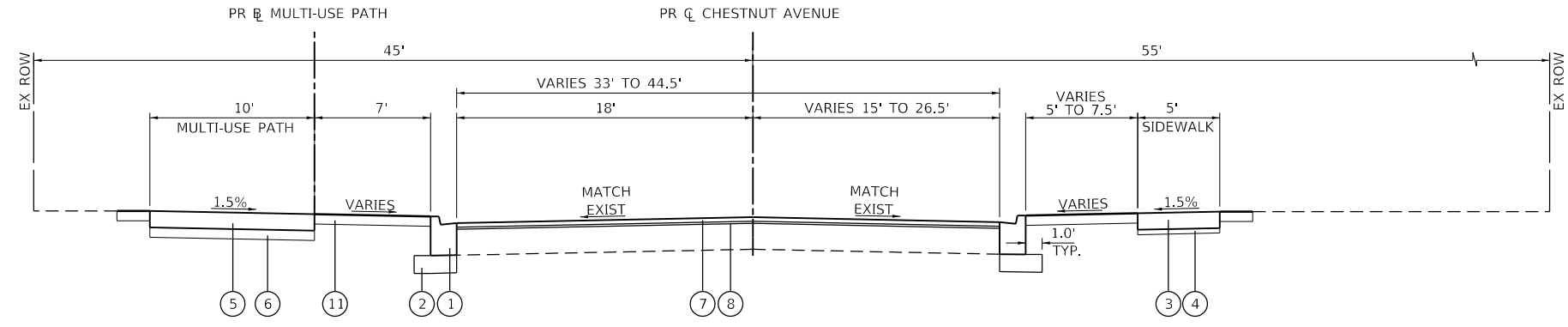
USER NAME = jmallen2	DESIGNED JA	REVISED
	DRAWN HS	REVISED
PLOT SCALE = 10,0000' / in.	CHECKED JR	REVISED
PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS
CHESTNUT AVENUE AND JOHNS DRIVE**

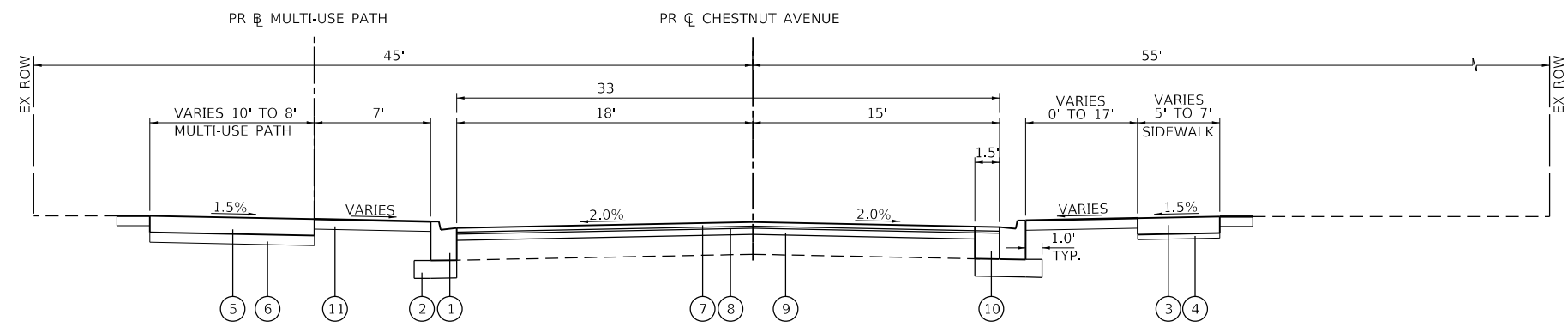
SCALE: 1"=5' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	19
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



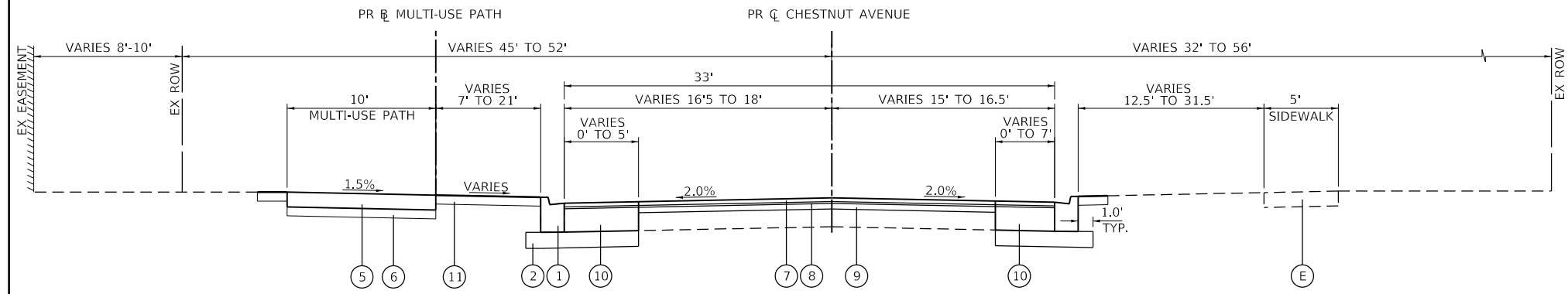
PROPOSED TYPICAL SECTION

CHESTNUT AVENUE
STA 20+87.95 TO 22+00



PROPOSED TYPICAL SECTION

CHESTNUT AVENUE
STA 22+00 TO 23+79
STA 40+28 TO 44+51
STA 47+68 TO 51+53



PROPOSED TYPICAL SECTION

CHESTNUT AVENUE
STA 23+79 TO 29+06

PROPOSED LEGEND

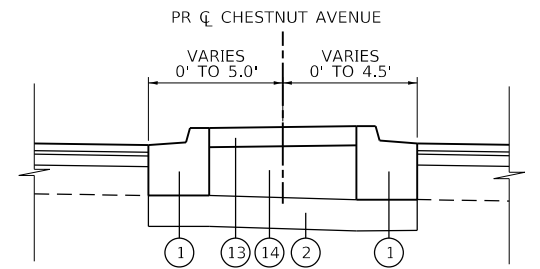
- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ④ SUBBASE GRANULAR MATERIAL, TYPE B 2"
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- ⑧ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4" MIN.
- ⑩ HOT-MIX ASPHALT BASE COURSE, 9" / HOT-MIX ASPHALT BASE COURSE WIDENING, 9"
- ⑪ TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- ⑫ CONCRETE MEDIAN, TYPE SB-6.12
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑭ AGGREGATE BASE COURSE, TYPE B 11.5"

EXISTING LEGEND

- Ⓓ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- Ⓔ SIDEWALK CONCRETE

NOTES:

1. IN LOCATIONS OF RESURFACING WITH 2% SLOPE CORRECTION, THE 2-1/4" MIN. BINDER COURSE SHALL BE ELIMINATED WHEN THE PROPOSED SURFACE IS NOT GREATER THAN 2" ABOVE THE EXISTING PAVEMENT SURFACE ELEVATION. 2-1/4" BINDER IS SHOWN IN TYPICAL SECTIONS AND CROSS SECTIONS FOR REFERENCE ONLY.
2. FOR WIDENING OF SIX FEET OR LESS USE HMA BASE COURSE WIDENING, 9". FOR WIDENING GREATER THEN SIX FEET USE HMA BASE COURSE 9".



MEDIAN DETAIL

STA 43+77 TO 44+28

MODEL: D:\out\... FILE NAME: 132547_sht typ_03.dgn



USER NAME = htsummers	DESIGNED JA	REVISED
	DRAWN HS	REVISED
PLOT SCALE = 10,0000' / in.	CHECKED JR	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTION
CHESTNUT AVENUE**
SCALE: 1"=10' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H71	

PROPOSED LEGEND

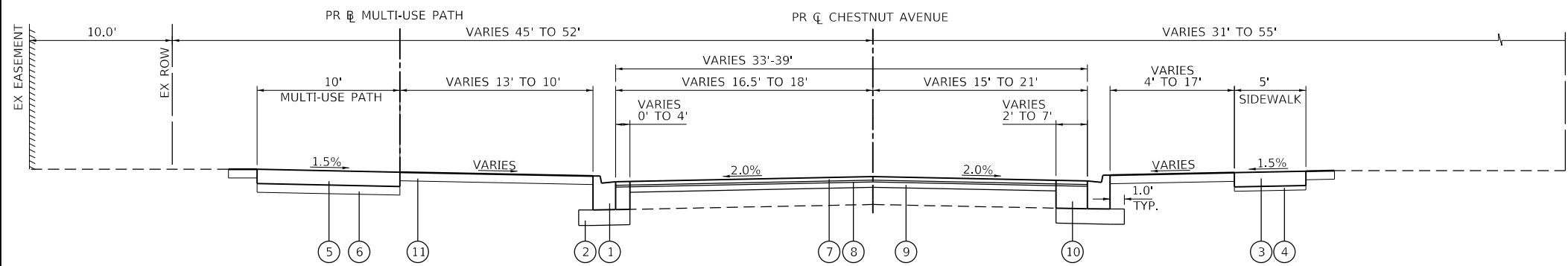
- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ④ SUBBASE GRANULAR MATERIAL, TYPE B 2"
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- ⑧ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4" MIN.
- ⑩ HOT-MIX ASPHALT BASE COURSE, 9" / HOT-MIX ASPHALT BASE COURSE WIDENING, 9"
- ⑪ TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- ⑫ CONCRETE MEDIAN, TYPE SB-6.12
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑭ AGGREGATE BASE COURSE, TYPE B 11.5"

EXISTING LEGEND

- ⓓ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⓔ SIDEWALK CONCRETE

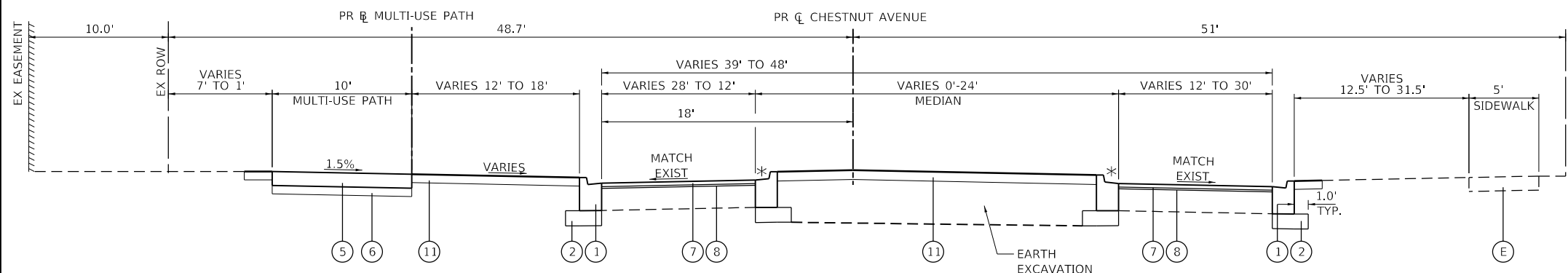
NOTES:

1. IN LOCATIONS OF RESURFACING WITH 2% SLOPE CORRECTION, THE 2-1/4" MIN. BINDER COURSE SHALL BE ELIMINATED WHEN THE PROPOSED SURFACE IS NOT GREATER THAN 2" ABOVE THE EXISTING PAVEMENT SURFACE ELEVATION. 2-1/4" BINDER IS SHOWN IN TYPICAL SECTIONS AND CROSS SECTIONS FOR REFERENCE ONLY.
2. FOR WIDENING OF SIX FEET OR LESS USE HMA BASE COURSE WIDENING, 9". FOR WIDENING GREATER THEN SIX FEET USE HMA BASE COURSE 9".



PROPOSED TYPICAL SECTION

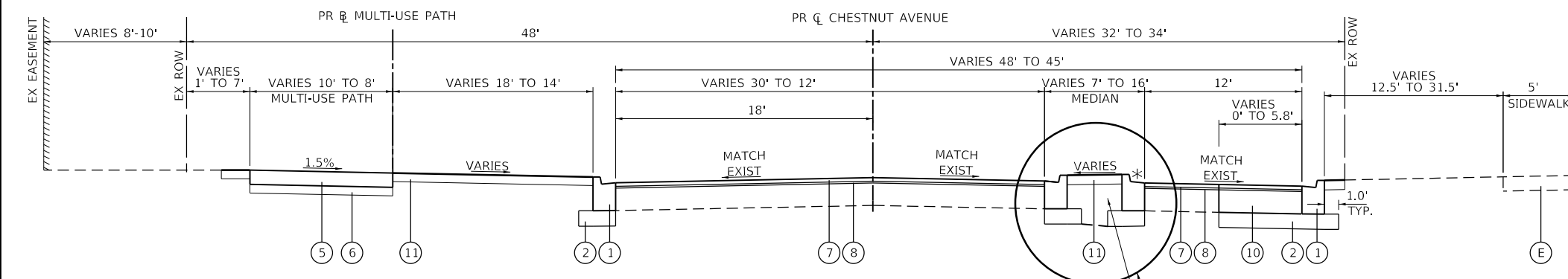
CHESTNUT AVENUE
STA 29+06 TO 30+83



PROPOSED TYPICAL SECTION

CHESTNUT AVENUE
STA 30+83 TO 34+34

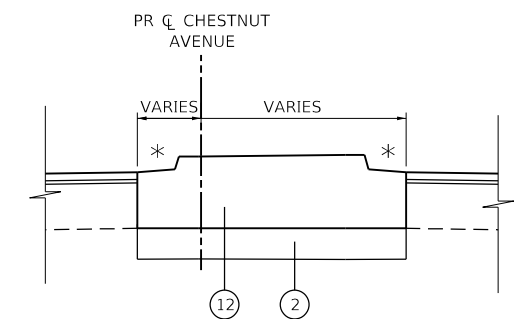
* REVERSE PITCH CURB AND GUTTER TO BE CALLED OUT ON THE PLANS



PROPOSED TYPICAL SECTION

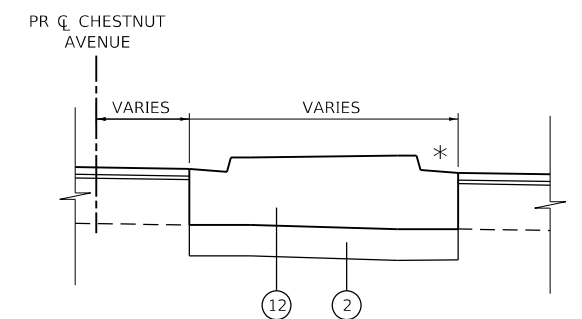
CHESTNUT AVENUE
STA 34+34 TO 36+21

* REVERSE PITCH CURB AND GUTTER TO BE CALLED OUT ON THE PLANS



MEDIAN DETAIL

STA 30+83 TO 30+94



MEDIAN DETAIL

STA 34+34 TO 35+03

MODEL: D:\m\132547_sht typ_04.dgn
FILE NAME: 132547_sht typ_04.dgn



USER NAME = htsummers	DESIGNED JA	REVISED
DRAWN HS	REVISIONS	
PLOT SCALE = 10,000' / in.	CHECKED JR	REVISIONS
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTION
CHESTNUT AVENUE

SCALE: 1"=10' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 21
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND

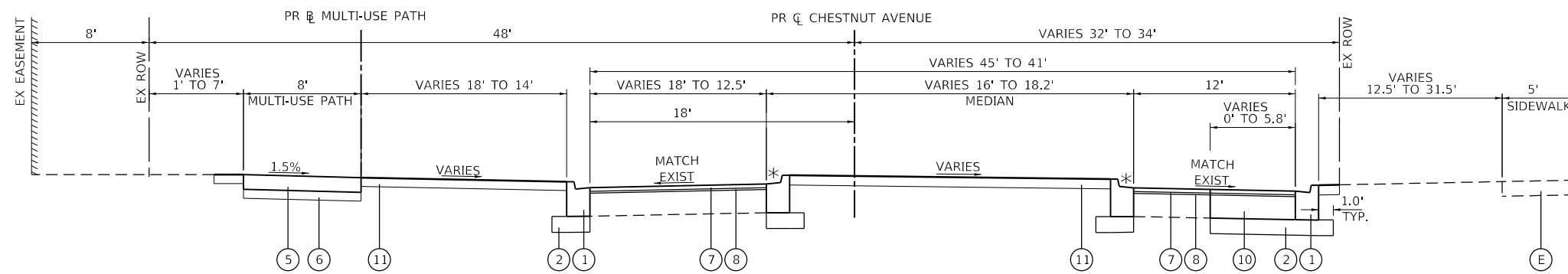
- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ④ SUBBASE GRANULAR MATERIAL, TYPE B 2"
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- ⑧ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4" MIN.
- ⑩ HOT-MIX ASPHALT BASE COURSE, 9" / HOT-MIX ASPHALT BASE COURSE WIDENING, 9"
- ⑪ TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- ⑫ CONCRETE MEDIAN, TYPE SB-6.12
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑭ AGGREGATE BASE COURSE, TYPE B 11.5"

EXISTING LEGEND

- Ⓓ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- Ⓔ SIDEWALK CONCRETE

NOTES:

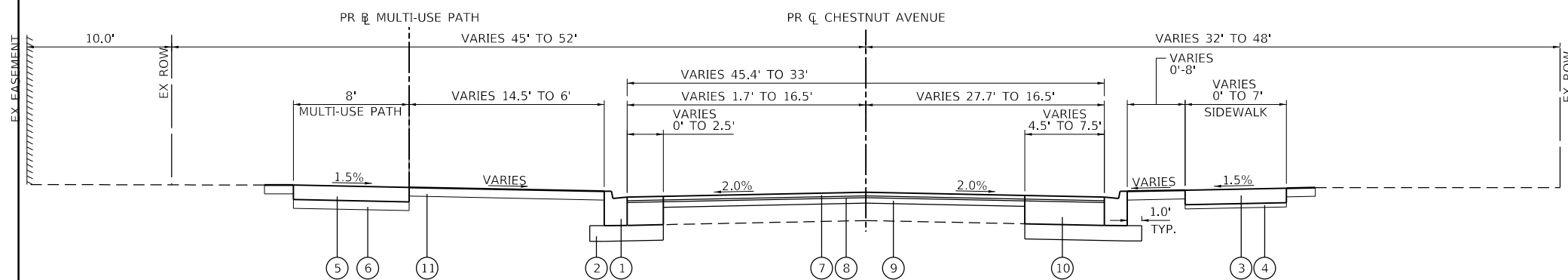
1. IN LOCATIONS OF RESURFACING WITH 2% SLOPE CORRECTION, THE 2-1/4" MIN. BINDER COURSE SHALL BE ELIMINATED WHEN THE PROPOSED SURFACE IS NOT GREATER THAN 2" ABOVE THE EXISTING PAVEMENT SURFACE ELEVATION. 2-1/4" BINDER IS SHOWN IN TYPICAL SECTIONS AND CROSS SECTIONS FOR REFERENCE ONLY.
2. FOR WIDENING OF SIX FEET OR LESS USE HMA BASE COURSE WIDENING, 9". FOR WIDENING GREATER THEN SIX FEET USE HMA BASE COURSE 9".



PROPOSED TYPICAL SECTION

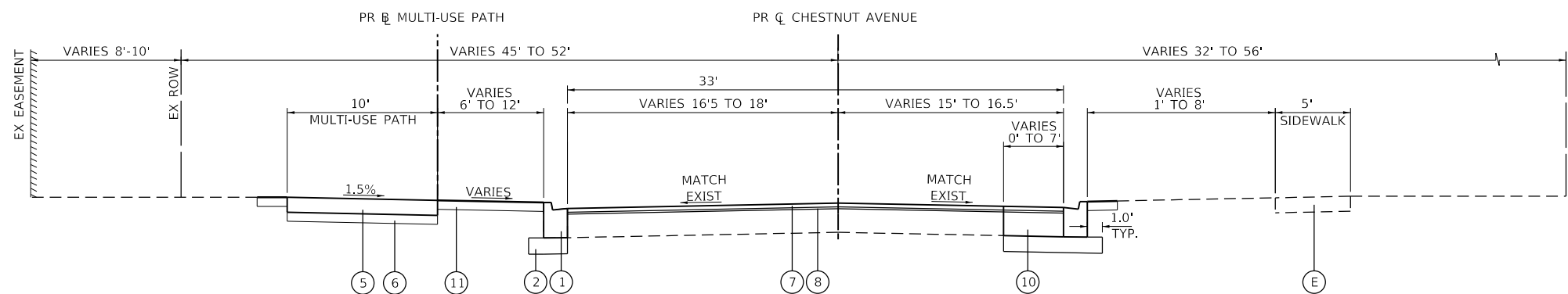
CHESTNUT AVENUE
STA 36+21 TO 37+19

* REVERSE PITCH CURB AND GUTTER TO BE CALLED OUT ON THE PLANS



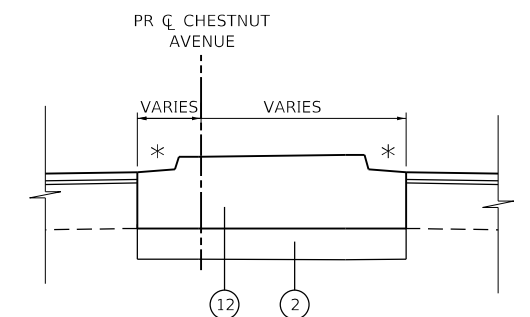
PROPOSED TYPICAL SECTION

CHESTNUT AVENUE
STA 37+19 TO 40+28



PROPOSED TYPICAL SECTION

CHESTNUT AVENUE
STA 44+51 TO 46+30
PROJECT OMISSION AT
STRUCTURE NO. 016-6221
(STA 44+75.40 TO STA 45+66.32)



MEDIAN DETAIL

STA 37+12 TO 37+19

MODEL: D:\a\132547_sht typ 05.dgn
FILE NAME: 132547_sht typ 05.dgn



USER NAME = htsummers	DESIGNED JA	REVISED
PLOT SCALE = 10,0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JR	REVISED
	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTION
CHESTNUT AVENUE**

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

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H71	

PROPOSED LEGEND

- ① COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ② AGGREGATE SUBGRADE IMPROVEMENT 12"
- ③ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ④ SUBBASE GRANULAR MATERIAL, TYPE B 2"
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"
- ⑧ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ⑨ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4" MIN.
- ⑩ HOT-MIX ASPHALT BASE COURSE, 9" / HOT-MIX ASPHALT BASE COURSE WIDENING, 9"
- ⑪ TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- ⑫ CONCRETE MEDIAN, TYPE SB-6.12
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑭ AGGREGATE BASE COURSE, TYPE B 11.5"

EXISTING LEGEND

- Ⓓ COMB. CONCRETE CURB AND GUTTER, TYPE B-6.24
- Ⓔ SIDEWALK CONCRETE

NOTES:

1. IN LOCATIONS OF RESURFACING WITH 2% SLOPE CORRECTION, THE 2-1/4" MIN. BINDER COURSE SHALL BE ELIMINATED WHEN THE PROPOSED SURFACE IS NOT GREATER THAN 2" ABOVE THE EXISTING PAVEMENT SURFACE ELEVATION. 2-1/4" BINDER IS SHOWN IN TYPICAL SECTIONS AND CROSS SECTIONS FOR REFERENCE ONLY.
2. FOR WIDENING OF SIX FEET OR LESS USE HMA BASE COURSE WIDENING, 9". FOR WIDENING GREATER THEN SIX FEET USE HMA

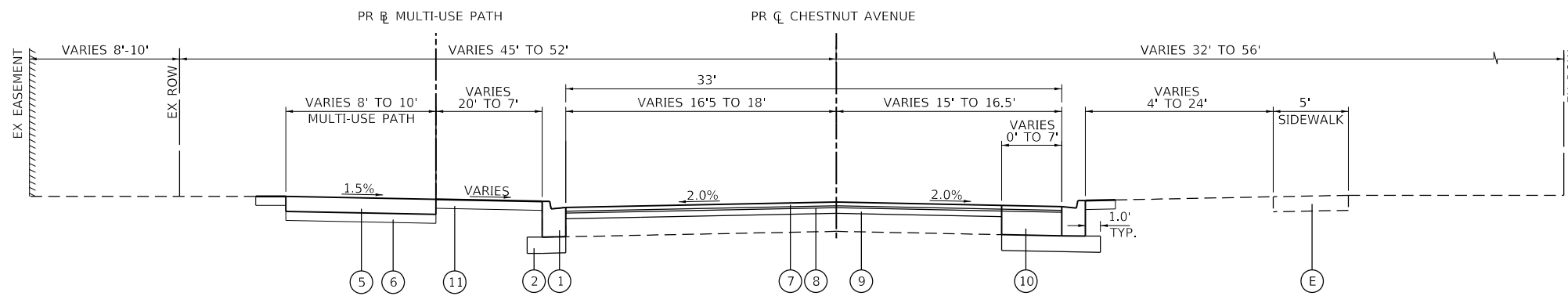
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE	AIR VOIDS AT NODES	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"	4% @ 70 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2-1/4" min	4% @ 70 GYR.	LR 1030-2
PAVEMENT WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"	4% @ 70 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	LR 1030-2
HMA BASE COURSE 9" (HOT-MIX ASPHALT BINDER IL-19.0) / HMA BASE COURSE WIDENING 9" (HOT-MIX ASPHALT BINDER IL-19.0)	4% @ 70 GYR.	LR 1030-2
DRIVEWAY RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1 1/2"	4% @ 50 GYR.	LR 1030-2
DRIVEWAY RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 4" (IN 2 LIFTS)	4% @ 50 GYR.	LR 1030-2
PAVEMENT PATCHING		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR.	LR 1030-2
TEMPORARY RAMP		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 GYR.	LR 1030-2
INCIDENTAL HMA SURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 GYR.	LR 1030-2

QMP DESIGNATION: LOCAL ROADS SPECIAL PROVISION LOCAL QUALITY ASSURANCE/QUALITY MANAGEMENT QC/QA (LR 1030-2)

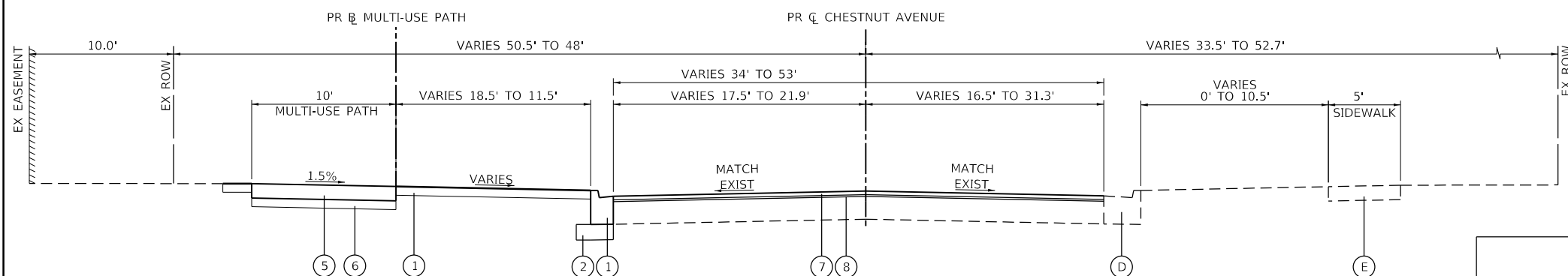
HMA MIX NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD /IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.



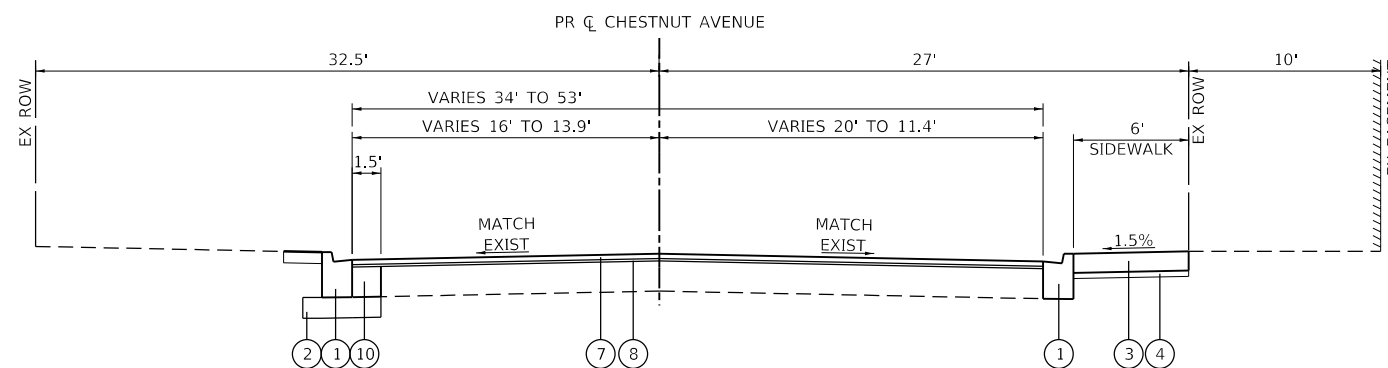
PROPOSED TYPICAL SECTION

CHESTNUT AVENUE
STA 46+30 TO 47+68
STA 51+53 TO 52+15



PROPOSED TYPICAL SECTION

CHESTNUT AVENUE
STA 52+15 TO 56+50.79



PROPOSED TYPICAL SECTION

JOHNS DRIVE
STA 600+00 TO 602+53.94

MODEL: D:\a\burns\mcdonnell\132547.sht typ 06.dgn



USER NAME = htsummers	DESIGNED JA	REVISED
	DRAWN HS	REVISED
PLOT SCALE = 10,0000' / in.	CHECKED JR	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTION
CHESTNUT AVENUE AND JOHNS DRIVE**

SCALE: 1"=10'

SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	23
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF PORTLAND CEMENT CONCRETE MATERIALS									
STATION	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	PROTECTIVE COAT	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH	CONCRETE MEDIAN, TYPE SB-6.12	DETECTABLE WARNINGS (SPECIAL)
PAY ITEM NO.	42300400	42400200	42400300	50300300	60600605	60603800	X1700011	60619600	X4240800
FROM	TO	SQ YD	SQ FT	SQ FT	SQ YD	FOOT	FOOT	SQ FT	SQ FT
20+88	26+00	247	1819.0	4307.5	517	118.5	1156.0	0	87
26+00	32+00	230	786.5	5540.5	568	151.0	1357.5	0	143
32+00	38+00	160	0.0	5142.5	465	0.0	1053.0	0	510
38+00	44+00	359	3810.5	3818.5	678	154.5	1310.5	94	0
44+00	50+00	281	1143.0	3387.5	657	111.5	1567.0	140	0
50+00	56+00	280	599.5	5004.0	491	132.0	881.5	0	0
56+00	56+51	0	0.0	411.5	6	0.0	26.0	0	0
600+75	602+54	0	163.0	0.0	56	0.0	253.0	0	0
PROJECT TOTAL		1557	8321.5	27612.0	3438	667.5	7604.5	234	653

SCHEDULE OF HOT-MIX ASPHALT MATERIALS							
STATION	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	HOT-MIX ASPHALT BASE COURSE, 9"	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	TEMPORARY RAMP
PAY ITEM NO.	40600290	40603200	40604060	40604062	35501320	35600712	40600990
FROM	TO	POUND	TON	TON	TON	SQ YD	SQ YD
20+88	26+00	2406	93	2	186	119	0
26+00	32+00	2334	92	14	184	330	0
32+00	38+00	2421	95	3	190	139	0
38+00	44+00	2193	93	0	185	80	411
44+00	50+00	2325	87	2	173	65	275
50+00	56+00	2961	115	1	229	79	37
56+00	56+51	175	7	0	13	0	0
600+75	602+54	740	28	3	56	30	0
700+37	701+49	523	14	3	28	25	48
PROJECT TOTAL		16078	624	28	1244	867	771

SCHEDULE OF REMOVAL ITEMS												
STATION	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	DRIVEWAY PAVEMENT REMOVAL	CURB REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	REMOVE EXISTING BRICK PAVERS
PAY ITEM NO.	20100110	20100210	40600982	44000100	44000155	44000158	X4401198	44000200	44000300	44000500	44000600	X0327989
FROM	TO	UNIT	UNIT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	SQ FT	SQ FT
20+88	26+00	33	33	24	73	35	501	1576	67	1153	3677	0
26+00	32+00	43	52	0	268	171	380	1480	220	220	1312	109
32+00	38+00	0	21	0	815	51	1842	280	110	0	1074	0
38+00	44+00	10	0	0	46	17	0	1671	69	1344	6194	0
44+00	50+00	13	0	89	140	0	318	1336	285	79	1340	3848
50+00	56+00	44	0	12	36	0	1787	1787	264	115	890	3233
56+00	56+51	12	0	27	0	0	124	0	0	0	26	251
600+75	602+54	0	0	13	17	37	622	0	0	205	156	0
PROJECT TOTAL		155	106	165	1395	311	5574	8130	1495	550	7344	21765

SCHEDULE OF AGGREGATE BASE COURSE ITEMS					
STATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SUBBASE GRANULAR MATERIAL, TYPE B 4"	AGGREGATE BASE COURSE, TYPE B	AGGREGATE BASE COURSE, TYPE B 8"
PAY ITEM NO.	30300112	31101180	31101200	35101400	35102000
FROM	TO	SQ YD	SQ YD	SQ YD	CU YD
20+88	26+00	422	203	599	0
26+00	32+00	691	88	770	0
32+00	38+00	466	0	715	0
38+00	44+00	841	424	531	3
44+00	50+00	736	127	471	5
50+00	56+00	359	67	695	0
56+00	56+51	8	0	58	0
600+75	602+54	90	19	0	0
PROJECT TOTAL		3613	928	3839	8

SCHEDULE OF EROSION CONTROL ITEMS		
STATION	PERIMETER EROSION BARRIER	INLET FILTERS
PAY ITEM NO.	28000400	28000510
FROM	TO	FOOT
20+88	26+00	675
26+00	32+00	635
32+00	38+00	449
38+00	44+00	666
44+00	50+00	729
50+00	56+00	464
56+00	56+51	55
600+75	602+54	0
PROJECT TOTAL		3673

SCHEDULE OF LANDSCAPING ITEMS			
STATION	MULCH PLACEMENT 4'	TOPSOIL EXCAVATION AND PLACEMENT	SODDING, SALT TOLERANT
PAY ITEM NO.	K0036120	21101505	25200110
FROM	TO	SQ YD	CU YD
20+88	26+00	30	176
26+00	32+00	20	312
32+00	38+00	145	293
38+00	44+00	80	167
44+00	50+00	55	220
50+00	56+00	60	142
56+00	56+51	0	10
600+75	602+54	0	32
PROJECT TOTAL		390	1352

SCHEDULE OF PAVEMENT MARKING ITEMS						
STATION	THERMOPLASTIC MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
PAY ITEM NO.	78000100	78000200	78000400	78000500	78000600	78000650
FROM	TO	SQ FT	FOOT	FOOT	FOOT	FOOT
20+88	26+00	263	902	680	0	237
26+00	32+00	94	1274	0	0	0
32+00	38+00	68	252	31	271	46
38+00	44+00	94	1457	0	0	48
44+00	50+00	130	1175	245	0	147
50+00	56+00	68	1510	646	0	63
56+00	56+51	37	133	59	0	0
600+75	602+54	73	359	73	0	0
PROJECT TOTAL		827	7062	1734	271	541

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 PLOT DATE = 3/13/2022

DESIGNED JR
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 CHECKED JA
 DATE 2/14/2021

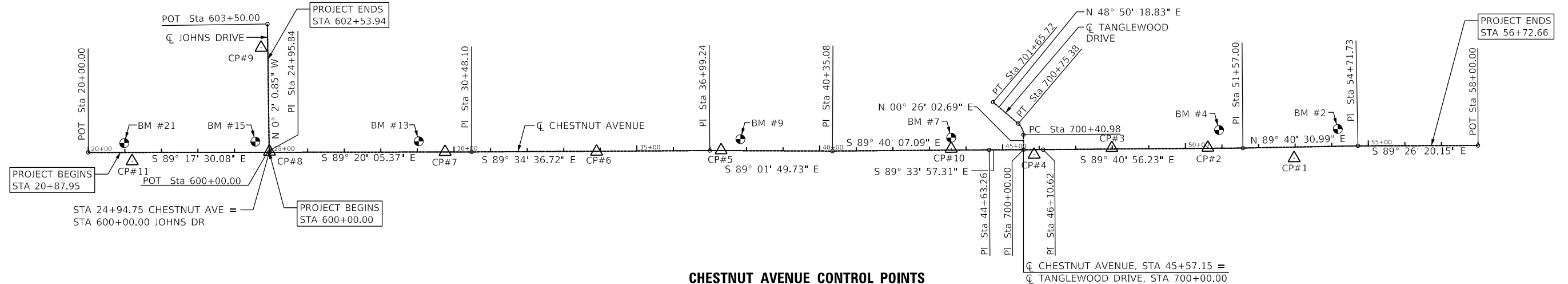
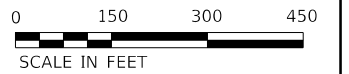
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	24
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



CHESTNUT AVENUE CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1974812.623	1129099.916	635.21	PK NAIL ON EAST SIDE OF HMA DRIVEWAY, ON THE SOUTH SIDE OF CHESTNUT AVENUE
2	1974844.377	1128864.658	633.31	PK NAIL ALONG THE CENTERLINE OF CHESTNUT AVENUE, WEST OF MONROE AVENUE
3	1974847.049	1128601.870	630.22	PK NAIL ALONG THE CENTERLINE OF CHESTNUT AVENUE, AT THE CENTER OF RIVERSIDE COURT
4	1974831.459	1128389.279	630.31	PK NAIL ON THE SOUTH SIDE OF CHESTNUT AVENUE, BETWEEN THE BRIDGE AND TANGLEWOOD DRIVE
5	1974854.768	1127533.686	630.61	PK NAIL ALONG THE CENTERLINE OF CHESTNUT AVENUE, AT THE EAST ENTRANCE OF VALLEY LO TOWERS
6	1974855.543	1127193.154	631.02	PK NAIL ALONG THE CENTERLINE OF CHESTNUT AVENUE, AT THE CENTER OF THE WESPETH ENTRANCE
7	1974860.247	1126778.948	630.27	PK NAIL ALONG THE CENTERLINE OF CHESTNUT AVENUE, AT THE WEST ENTRANCE OF VALLEY LO TOWERS
8	1974867.385	1126298.774	630.86	PK NAIL ALONG THE CENTERLINE OF CHESTNUT AVENUE, AT THE CENTER OF JOHNS DRIVE
9	1975151.305	1126279.658	632.93	PK NAIL ON SOUTH SIDE OF HMA DRIVEWAY, ON THE WEST SIDE OF JOHNS DRIVE
10	1974850.582	1128162.762	628.46	PK NAIL ALONG THE CENTERLINE OF CHESTNUT AVENUE, AT THE CENTER OF SEQUOIA TRAIL
11	1974846.227	1125923.013	634.29	PK NAIL ON THE SOUTH SIDE OF CHESTNUT AVENUE, EAST OF THE RAILROAD TRACKS

PROP. CURVE PR-TW1
 PI STA. = 700+59.33
 $\Delta = 49^\circ 16' 21.52''$ (LT)
 $D = 143^\circ 14' 22.02''$
 $R = 40.00'$
 $T = 18.34'$
 $L = 34.40'$
 $E = 4.01'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 700+40.98$
 $P.T. STA. = 700+75.38$

CHESTNUT AVENUE

POINT	STATION	NORTHING	EASTING
POT	20+00.00	1,974,871.76	1,125,803.38
PI	24+95.84	1,974,865.63	1,126,299.18
PI	30+48.10	1,974,859.22	1,126,851.41
PI	36+99.24	1,974,854.41	1,127,502.52
PI	40+35.08	1,974,848.73	1,127,838.32
PI	44+63.26	1,974,846.25	1,128,266.49
PI	46+10.62	1,974,845.13	1,128,413.85
PI	51+57.00	1,974,842.10	1,128,960.22
PI	54+71.73	1,974,843.89	1,129,274.94
POT	58+00.00	1,974,840.67	1,129,603.20

JOHNS DRIVE

POINT	STATION	NORTHING	EASTING
POT	600+00.00	1,974,865.64	1,126,298.09
POT	603+50.00	1,975,215.64	1,126,297.89

TANGLEWOOD DRIVE

POINT	STATION	NORTHING	EASTING
PI	700+00.00	1,974,845.54	1,128,360.38
PI	700+59.33	1,974,904.86	1,128,360.83
PI	701+65.72	1,974,976.40	1,128,279.01

BENCHMARK #2

ELEV. = 638.486
 RR SPIKE IN S FACE OF POWER POLE WITH LIGHT ON N SIDE OF CHESTNUT AT ADDRESS 1820 CHESTNUT AVE
 $N=1974890.852$ $E=1129220.347$

BENCHMARK #4

ELEV. = 634.832
 RR SPIKE IN SE FACE OF POWER POLE WITH LIGHT ON AT NW CORNER OF CHESTNUT AND MONROE
 $N=1974892.214$ $E=1128895.716$

BENCHMARK #7

ELEV. = 629.33
 RR SPIKE IN SW FACE OF POWER POLE WITH LIGHT ON N SIDE OF CHESTNUT NEAR SE CORNER OF CHURCH BIT LOT
 $N=1974880.842$ $E=1128163.336$

BENCHMARK #9

ELEV. = 632.048
 MINI RR SPIKE IN SW FACE OF POWER POLE AT NE CORNER OF E ENTRANCE TO VALLEY LO APTS

BENCHMARK #13

ELEV. = 632.373
 MINI RR SPIKE IN S FACE OF POWER POLE AT NE CORNER OF WEST ENTRANCE TO VALLEY LO APTS
 $N=1974890.114$ $E=1126707.471$

BENCHMARK #15

ELEV. = 632.482
 RR SPIKE IN E FACE OF POWER POLE WITH LIGHT AT NW CORNER OF CHESTNUT AND JOHNS
 $N=1974895.271$ $E=1126260.738$

BENCHMARK #21

ELEV. = 635.749
 NE BOLT AT BASE OF RR SIGNAL WITH MAST ARM ON N SIDE OF CHESTNUT E SIDE OF TRACKS AT LEHIGH
 $N=1974895.931$ $E=1125902.197$

NOTE: VERTICAL DATUM IS NAVD88.

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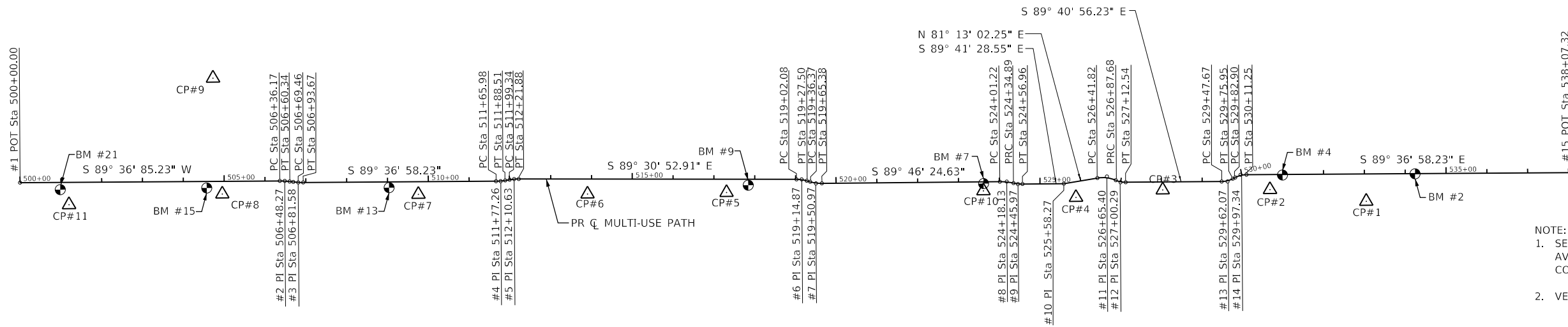
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 CHESTNUT AVENUE, JOHNS DRIVE AND TANGLEWOOD DRIVE**

SCALE: 1" = 150' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H71	



NOTE:
1. SEE ALIGNMENT SHEET FOR CHESTNUT AVE FOR THE BENCHMARK AND CONTROL POINT INFORMATION.
2. VERTICAL DATUM IS NAVD88.

PROP. CURVE PR-PATH R1
PI STA. = 506+48.27
Δ = 7° 03' 57" (RT)
D = 29° 14' 04"
R = 195.99'
T = 12.10'
L = 24.17'
E = 0.37'
e =
T.R. =
S.E. RUN =
P.C. STA. = 506+36.17
P.T. STA. = 506+60.34

PROP. CURVE PR-PATH R4
PI STA. = 512+10.63
Δ = 8° 36' 26" (RT)
D = 38° 11' 50"
R = 150.00'
T = 11.29'
L = 22.53'
E = 0.42'
e =
T.R. =
S.E. RUN =
P.C. STA. = 511+99.34
P.T. STA. = 512+21.88

PROP. CURVE PR-PATH R7
PI STA. = 524+18.13
Δ = 12° 51' 43" (RT)
D = 38° 11' 50"
R = 150.00'
T = 16.91'
L = 33.67'
E = 0.95'
e =
T.R. =
S.E. RUN =
P.C. STA. = 524+01.22
P.T. STA. = 524+34.89

PROP. CURVE PR-PATH R12
PI STA. = 529+97.34
Δ = 27° 04' 24" (RT)
D = 95° 29' 35"
R = 60.00'
T = 14.45'
L = 28.35'
E = 1.71'
e =
T.R. =
S.E. RUN =
P.C. STA. = 529+82.90
P.T. STA. = 530+11.25

PROP. CURVE PR-PATH R2
PI STA. = 506+81.58
Δ = 6° 45' 54" (LT)
D = 27° 56' 57"
R = 205.00'
T = 12.12'
L = 24.20'
E = 0.36'
e =
T.R. =
S.E. RUN =
P.C. STA. = 506+69.46
P.T. STA. = 506+93.67

PROP. CURVE PR-PATH R5
PI STA. = 519+14.87
Δ = 15° 36' 23" (RT)
D = 61° 24' 51"
R = 93.29'
T = 12.78'
L = 25.41'
E = 0.87'
e =
T.R. =
S.E. RUN =
P.C. STA. = 519+02.08
P.T. STA. = 519+27.50

PROP. CURVE PR-PATH R8
PI STA. = 524+45.97
Δ = 12° 38' 31" (LT)
D = 57° 17' 45"
R = 100.00'
T = 11.08'
L = 22.06'
E = 0.61'
e =
T.R. =
S.E. RUN =
P.C. STA. = 524+34.89
P.T. STA. = 524+56.96

PROP. CURVE PR-PATH R9
PI STA. = 526+65.40
Δ = 32° 50' 33" (RT)
D = 71° 37' 11"
R = 80.00'
T = 23.58'
L = 45.86'
E = 3.40'
e =
T.R. =
S.E. RUN =
P.C. STA. = 526+41.82
P.T. STA. = 526+87.68

PROP. CURVE PR-PATH R3
PI STA. = 511+77.26
Δ = 8° 36' 26" (LT)
D = 38° 11' 50"
R = 150.00'
T = 11.29'
L = 22.53'
E = 0.42'
e =
T.R. =
S.E. RUN =
P.C. STA. = 511+65.98
P.T. STA. = 511+88.51

PROP. CURVE PR-PATH R6
PI STA. = 519+50.97
Δ = 15° 58' 45" (LT)
D = 55° 05' 32"
R = 104.00'
T = 14.60'
L = 29.00'
E = 1.02'
e =
T.R. =
S.E. RUN =
P.C. STA. = 519+36.37
P.T. STA. = 519+65.38

PROP. CURVE PR-PATH R11
PI STA. = 529+62.07
Δ = 27° 00' 26" (LT)
D = 95° 29' 35"
R = 60.00'
T = 14.41'
L = 28.28'
E = 1.71'
e =
T.R. =
S.E. RUN =
P.C. STA. = 529+47.67
P.T. STA. = 529+75.95

PROP. CURVE PR-PATH R10
PI STA. = 527+00.29
Δ = 23° 44' 32" (LT)
D = 95° 29' 49"
R = 60.00'
T = 12.61'
L = 24.86'
E = 1.31'
e =
T.R. =
S.E. RUN =
P.C. STA. = 526+87.68
P.T. STA. = 527+12.54

CHESTNUT MULTI-USE PATH

#	POINT	STATION	NORTHING	EASTING	BEARING
1	POT	500+00.00	1,974,901.81	1,125,803.79	S 89° 36' 85.23" E
2	PI	506+48.27	1,974,897.46	1,126,452.04	S 82° 51' 04.70" E
3	PI	506+81.58	1,974,893.25	1,126,485.12	S 89° 36' 58.23" E
4	PI	511+77.26	1,974,889.93	1,126,980.82	N 81° 46' 35.82" E
5	PI	512+10.63	1,974,894.71	1,127,013.88	S 89° 10' 02.99" E
6	PI	519+14.87	1,974,884.57	1,127,718.09	S 73° 33' 40.25" E
7	PI	519+50.97	1,974,874.30	1,127,752.87	S 89° 46' 24.63" E
8	PI	524+18.13	1,974,872.44	1,128,220.21	S 77° 02' 57.53" E
9	PI	524+45.97	1,974,886.17	1,128,247.48	S 89° 41' 28.55" E
10	PI	525+58.27	1,974,865.56	1,128,359.88	N 81° 13' 02.25" E
11	PI	526+65.40	1,974,881.92	1,128,465.74	S 65° 56' 24.29" E
12	PI	527+00.29	1,974,867.16	1,128,498.79	S 89° 40' 56.23" E
13	PI	529+62.07	1,974,865.71	1,128,760.93	N 63° 18' 38.15" E
14	PI	529+97.34	1,974,881.79	1,128,760.93	S 89° 36' 58.23" E
15	POT	538+07.32	1,974,876.36	1,129,603.42	

PROP. CURVE PR-TW1
PI STA. = 700+59.33
Δ = 49° 16' 21.52" (LT)
D = 143° 14' 22.02"
R = 40.00'
T = 18.34'
L = 34.40'
E = 4.01'
e =
T.R. =
S.E. RUN =
P.C. STA. = 700+40.98
P.T. STA. = 700+75.38

MODEL: D:\out
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USER NAME = htsummers	DESIGNED JA	REVISED
PLOT SCALE = 300,0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
CHESTNUT AVENUE MULTI-USE PATH
SCALE: 1" = 150'
SHEET 2 OF 2 SHEETS
STA. TO STA.

F.A.U. RTE. = 1352	SECTION = 15-00190-00-PV	COUNTY = COOK	TOTAL SHEETS = 151	SHEET NO. = 26
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



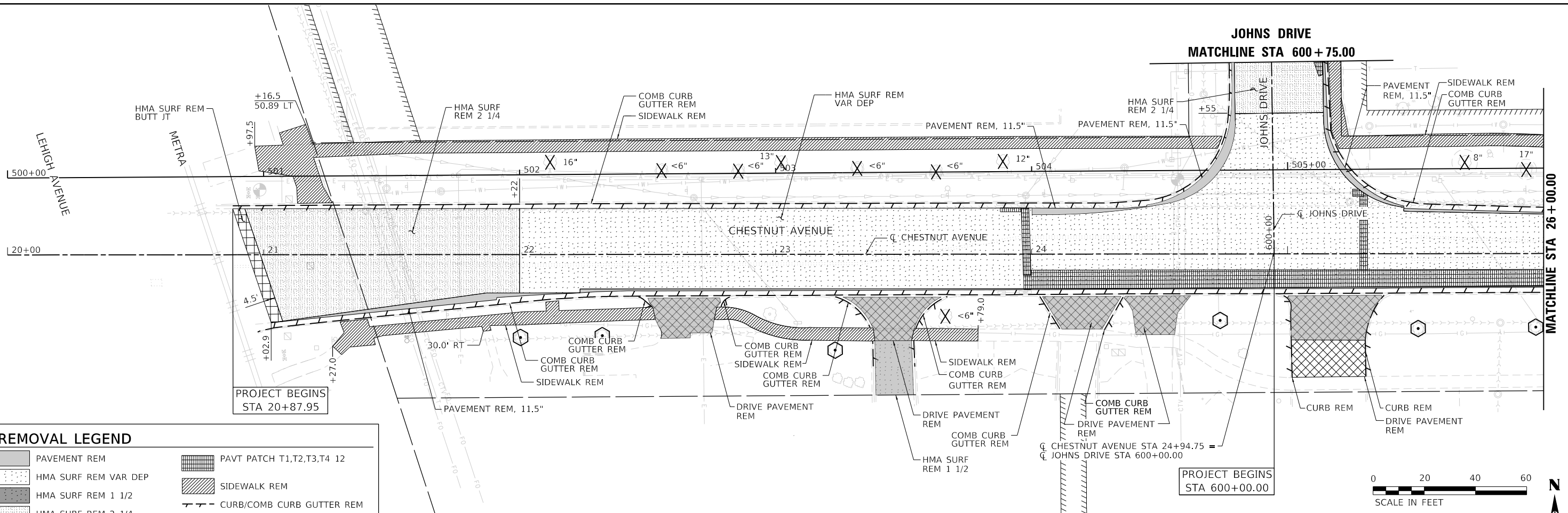
Core	Location	Total Depth of Exploration	Pavement Components	Comments
		(inches)		
C-16	2025 Chestnut Avenue, EBL	48"	2 1/4" HMA Surface 5 1/2" HMA Surface 3 1/2" HMA Binder 30" Basecourse --	Trace voids, poor bond Trace voids, good bond Large to Coarse Granular Fill Brown silty clay trace sand and gravel
C-17	Chestnut Avenue by Valley Tower II Apartments	24"	2 1/2" HMA Surface 3" HMA Binder 3" HMA Binder 3 1/4" HMA Binder 12" Basecourse	Trace voids, good bond Trace voids, good bond Trace voids, good bond Trace voids Granular fill trace soil



Core	Location	Total Depth of Exploration	Pavement Components	Comments
		(inches)		
C-18	1800 Chestnut Avenue	24"	2 1/4" HMA Surface 3 1/4" HMA Binder 3 1/2" HMA Binder 3" HMA Binder 1 1/2" HMA Binder 11" Basecourse	Trace voids, good bond Trace voids, good bond Trace voids, good bond Trace voids, good bond Granular fill

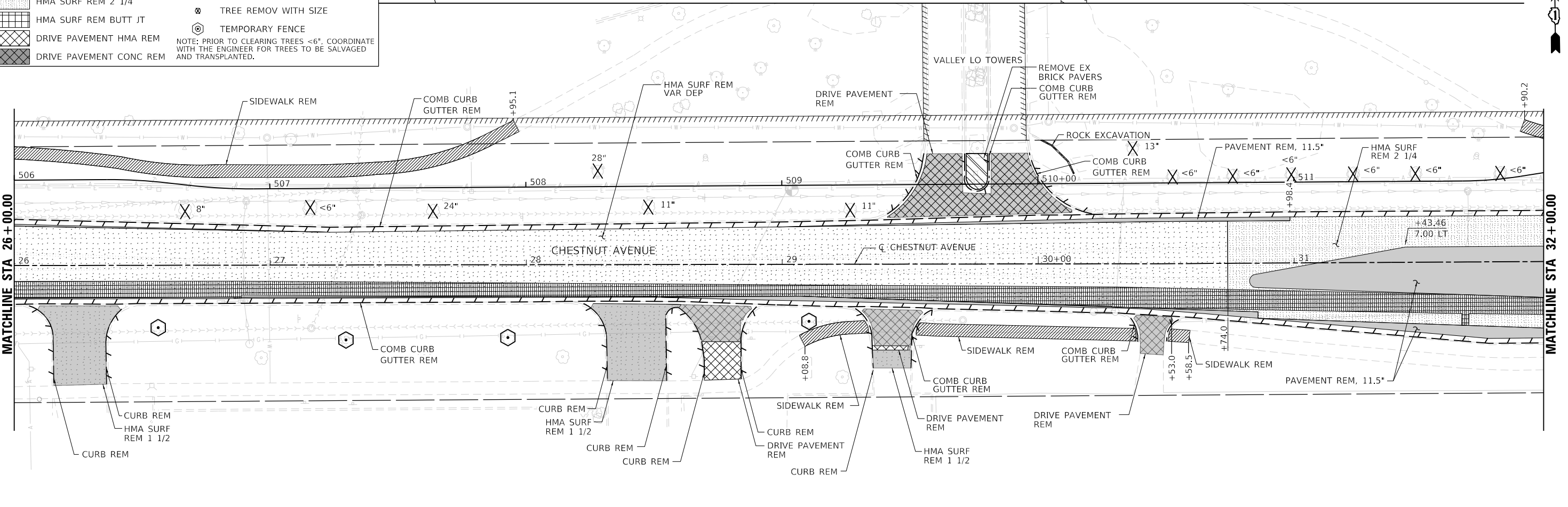
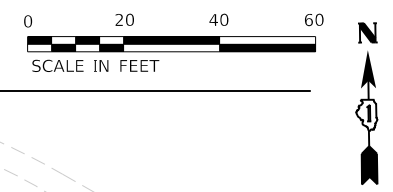
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JOHNS DRIVE
MATCHLINE STA 600+75.00



REMOVAL LEGEND

	PAVEMENT REM		PAVT PATCH T1,T2,T3,T4 12
	HMA SURF REM VAR DEP		SIDEWALK REM
	HMA SURF REM 1 1/2		CURB/COMB CURB GUTTER REM
	HMA SURF REM 2 1/4		TREE REMOV WITH SIZE
	HMA SURF REM BUTT JT		TEMPORARY FENCE
	DRIVE PAVEMENT HMA REM	NOTE: PRIOR TO CLEARING TREES <6", COORDINATE WITH THE ENGINEER FOR TREES TO BE SALVAGED AND TRANSPLANTED.	
	DRIVE PAVEMENT CONC REM		



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FILE NAME: 132547_sht.dwg, 01.dwg



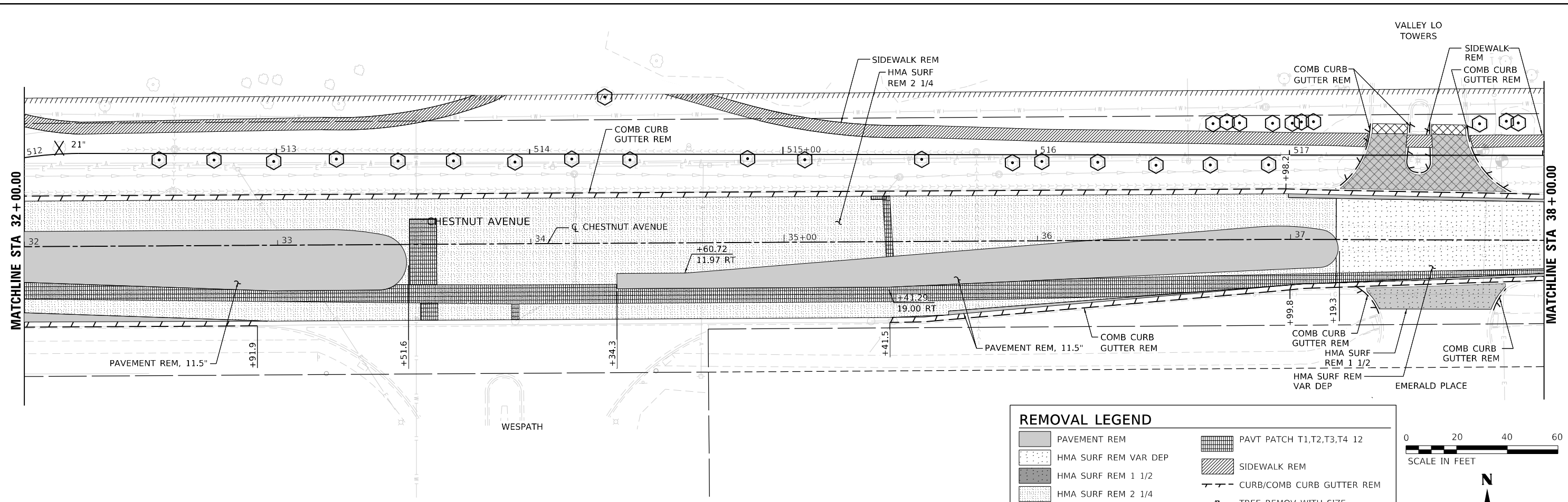
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DRAWN HS	REVISOR	
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PLOT DATE = 3/14/2022	DATE 2/14/2021	REVISOR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
CHESTNUT AVENUE

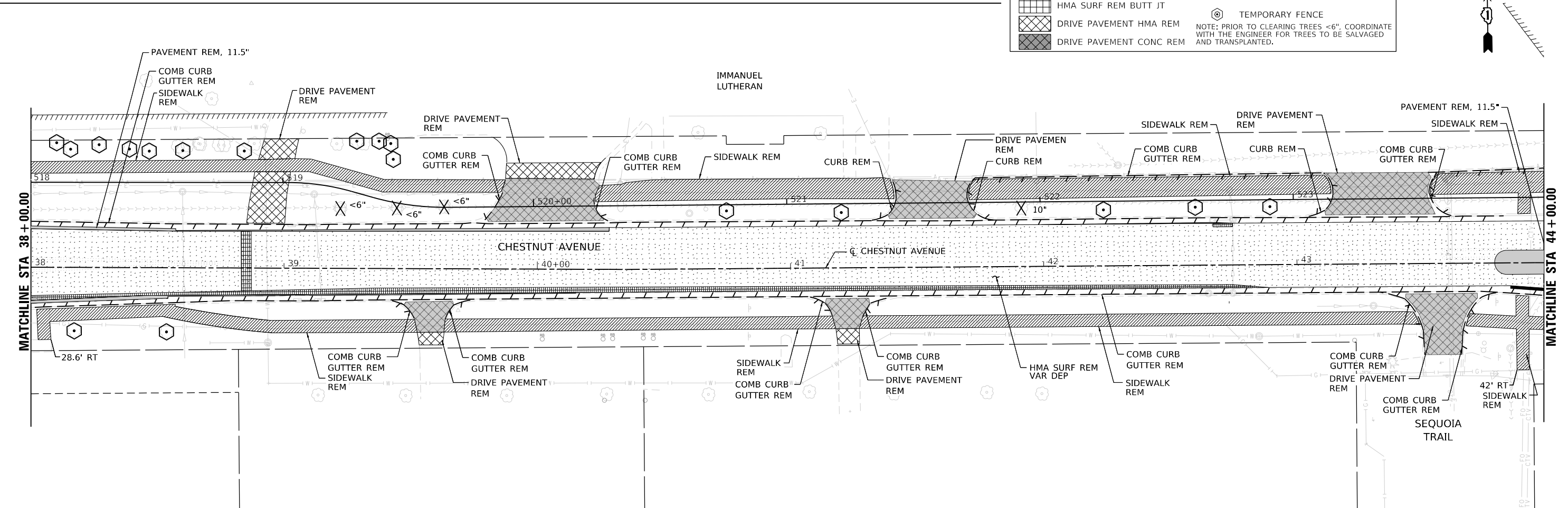
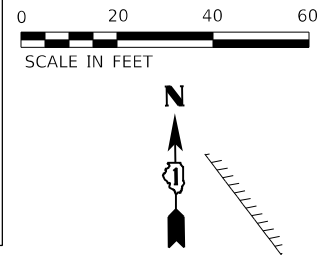
SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 20+00 TO STA. 32+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 28
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

	PAVEMENT REM		PAVT PATCH T1,T2,T3,T4 12
	HMA SURF REM VAR DEP		SIDEWALK REM
	HMA SURF REM 1 1/2		CURB/COMB CURB GUTTER REM
	HMA SURF REM 2 1/4		TREE REMOV WITH SIZE
	HMA SURF REM BUTT JT		TEMPORARY FENCE
	DRIVE PAVEMENT HMA REM	NOTE: PRIOR TO CLEARING TREES <6\"/>	
	DRIVE PAVEMENT CONC REM		



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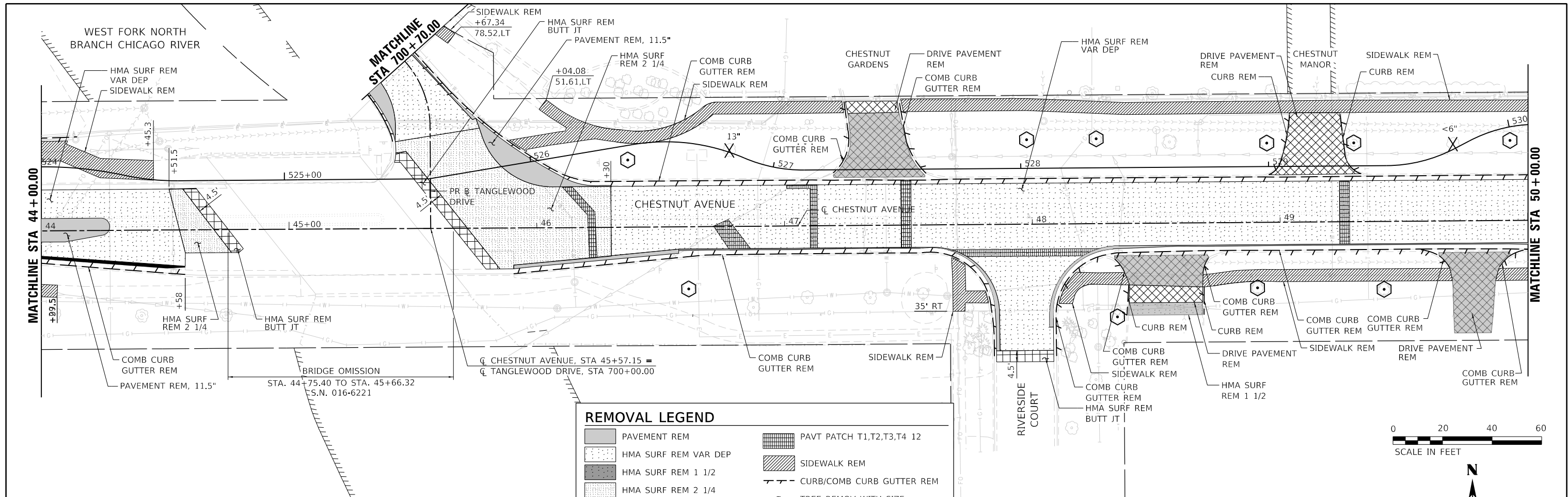
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DRAWN HS	CHECKED JA	REVISED
PLOT SCALE = 40,0000' / in.	DATE 2/14/2021	REVISED
PLOT DATE = 3/14/2022		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
 CHESTNUT AVENUE**

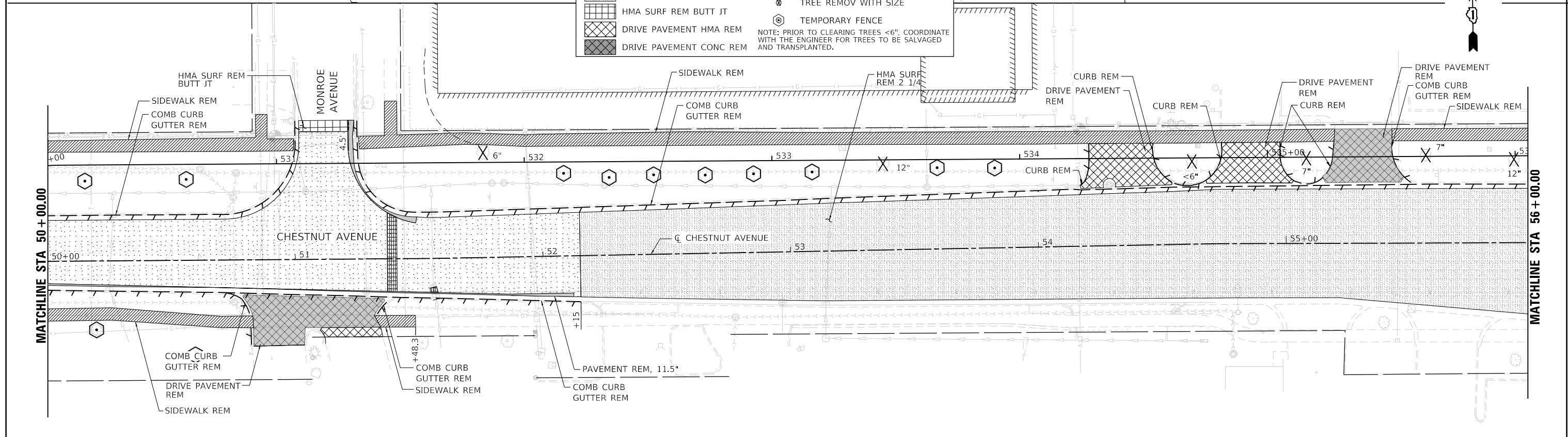
SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 32+00 TO STA. 44+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 29
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

	PAVEMENT REM		PAVT PATCH T1,T2,T3,T4 12
	HMA SURF REM VAR DEP		SIDEWALK REM
	HMA SURF REM 1 1/2		CURB/COMB CURB GUTTER REM
	HMA SURF REM 2 1/4		TREE REMOV WITH SIZE
	HMA SURF REM BUTT JT		TEMPORARY FENCE
	DRIVE PAVEMENT HMA REM	NOTE: PRIOR TO CLEARING TREES <6", COORDINATE WITH THE ENGINEER FOR TREES TO BE SALVAGED AND TRANSPLANTED.	
	DRIVE PAVEMENT CONC REM		



MODEL: D:\out
FILE NAME: 132547_sht.dwg 03/09



USER NAME = jmallen2	DESIGNED JA	REVISED
DRAWN HS	REVISED	
PLOT SCALE = 40,0000' / in.	CHECKED JA	REVISED
PLOT DATE = 3/14/2022	DATE 2/14/2021	REVISED

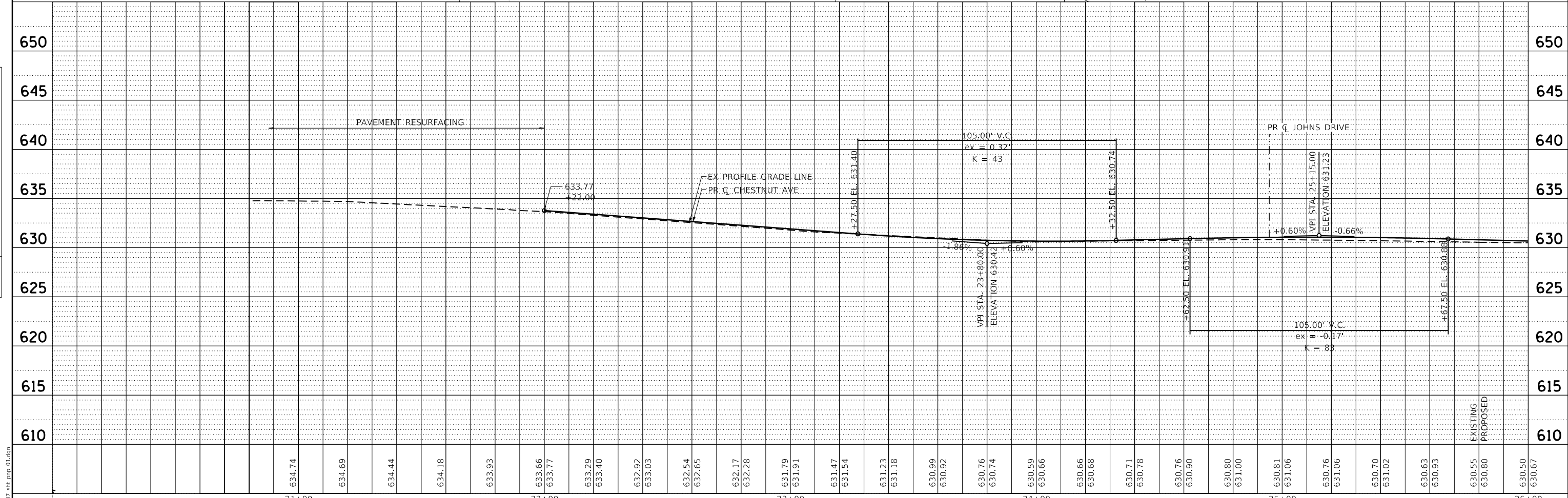
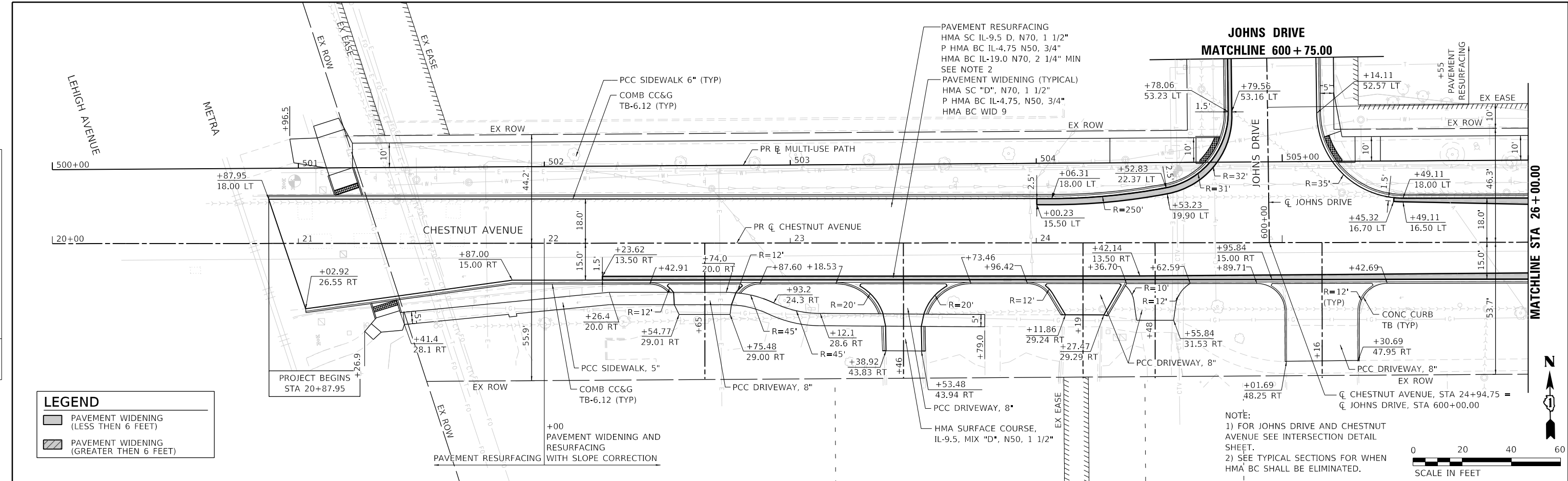
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS CHESTNUT AVENUE	
SCALE: 1"=20'	SHEET 3 OF 4 SHEETS STA. 44+00 TO STA. 56+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 30
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
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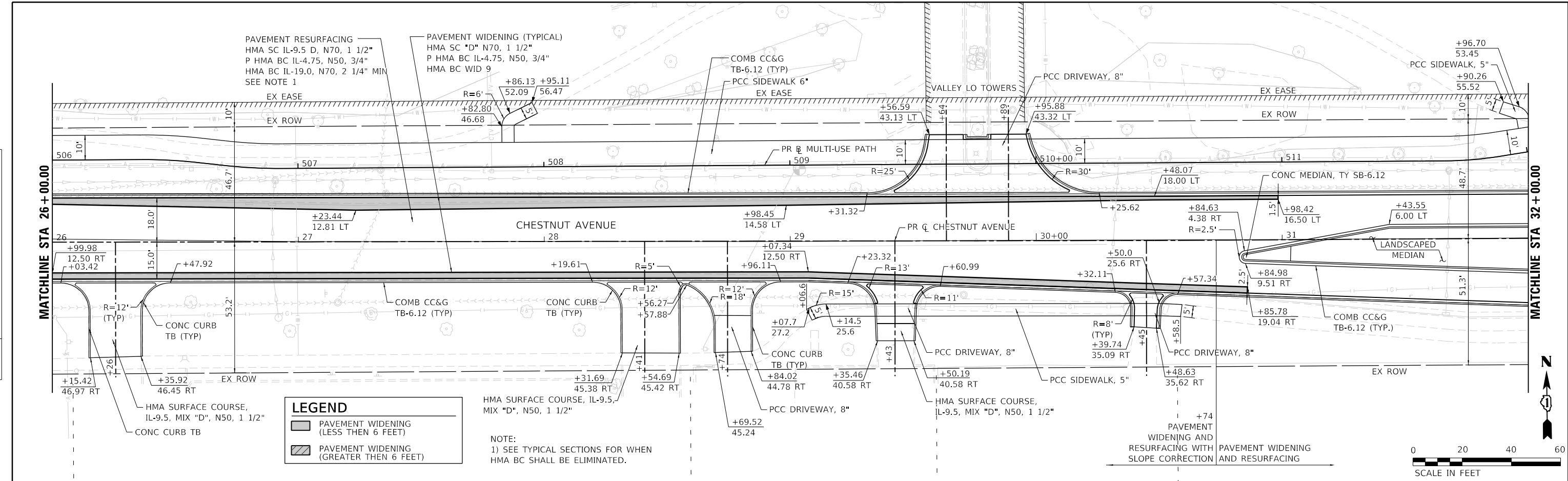
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	PLOT SCALE = 40.0000' / in.	CHECKED JA	REVISED			SCALE: 1"=20'	SHEET 1 OF 9 SHEETS	STA. 20+87.95 TO STA. 26+00	CONTRACT NO. 61H71		
	PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED			ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
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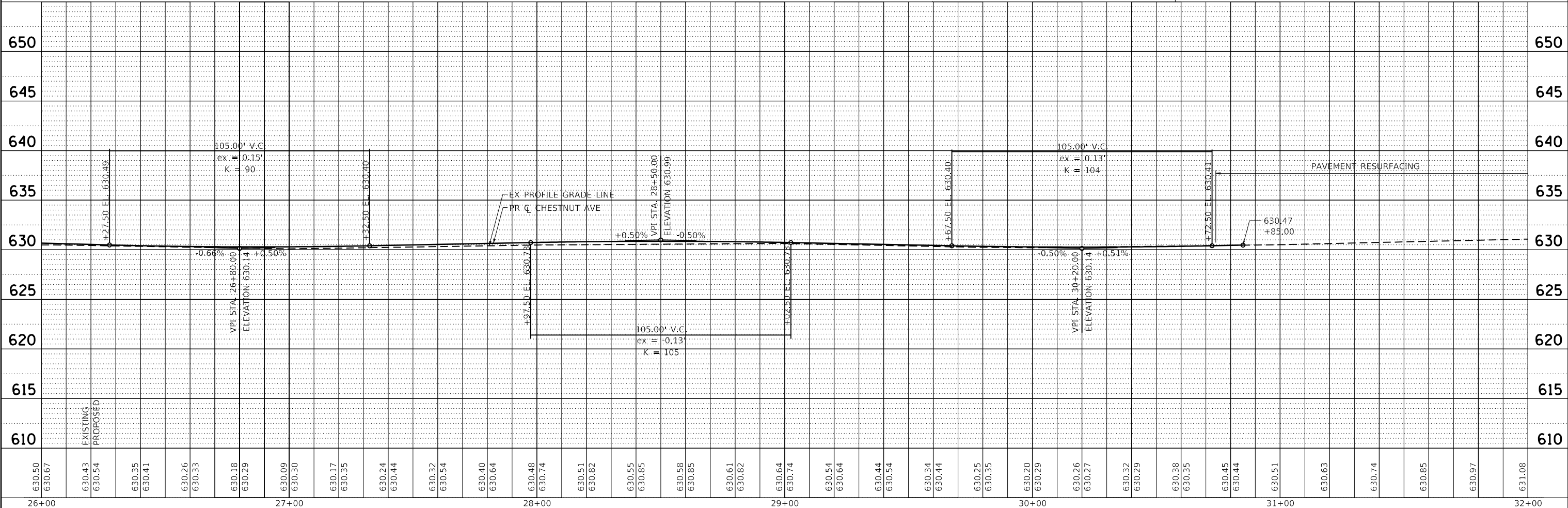
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	GRADES	BY
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LEGEND

- PAVEMENT WIDENING (LESS THEN 6 FEET)
- PAVEMENT WIDENING (GREATER THEN 6 FEET)

NOTE:
1) SEE TYPICAL SECTIONS FOR WHEN HMA BC SHALL BE ELIMINATED.

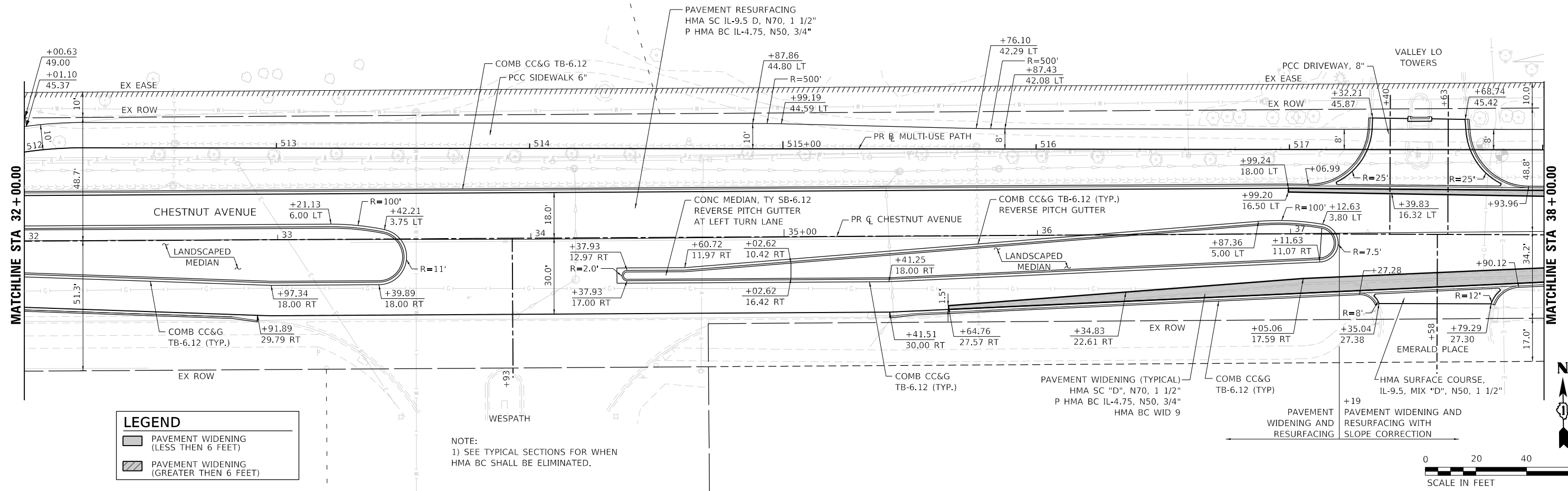


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BURNS McDONNELL	USER NAME = htsummers	DESIGNED JA	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE CHESTNUT AVENUE			F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 33				
	PLOT SCALE = 40.0000' / in.	CHECKED JA	REVISED					SCALE: 1"=20'	SHEET 2	OF 9 SHEETS	STA. 26+00	TO STA. 32+00	CONTRACT NO. 61H71			
	PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED					ILLINOIS FED. AID PROJECT								

PLAN	SURVIVED	DATE
	PLOTTED	
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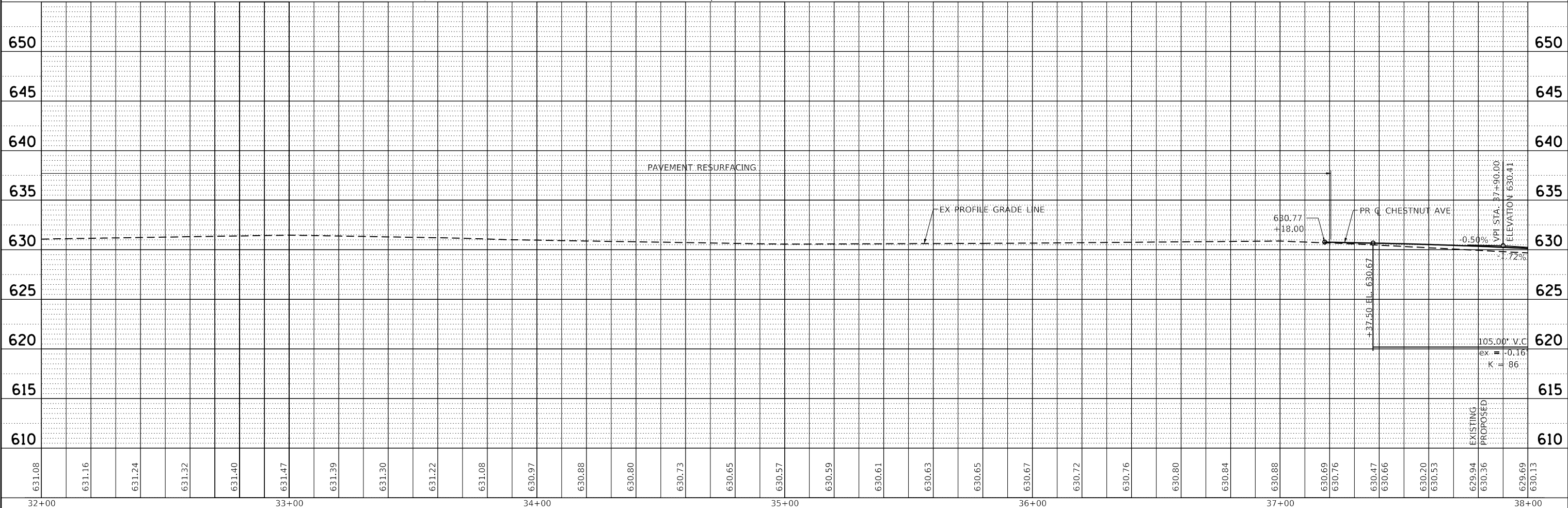
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	FILE NAME	
	FILE NO.	



LEGEND

	PAVEMENT WIDENING (LESS THEN 6 FEET)
	PAVEMENT WIDENING (GREATER THEN 6 FEET)

NOTE:
1) SEE TYPICAL SECTIONS FOR WHEN HMA BC SHALL BE ELIMINATED.



631.08	631.16	631.24	631.32	631.40	631.47	631.39	631.30	631.22	631.08	630.97	630.88	630.80	630.73	630.65	630.57	630.59	630.61	630.63	630.65	630.67	630.72	630.76	630.80	630.84	630.88	630.69	630.76	630.47	630.66	630.20	630.53	629.94	630.36	629.69	630.13	32+00	33+00	34+00	35+00	36+00	37+00	38+00
USER NAME = htsummers		DESIGNED JA	REVISOR	DRAWN HS		REVISOR	CHECKED JA		REVISOR	DATE 2/14/2021		REVISOR		SCALE: 1"=20'		SHEET 3 OF 9 SHEETS		STA. 32+00 TO STA. 38+00		F.A.U. RTE. 1352		SECTION 15-00190-00-PV		COUNTY COOK		TOTAL SHEETS 151		SHEET NO. 34		CONTRACT NO. 61H71		ILLINOIS FED. AID PROJECT										

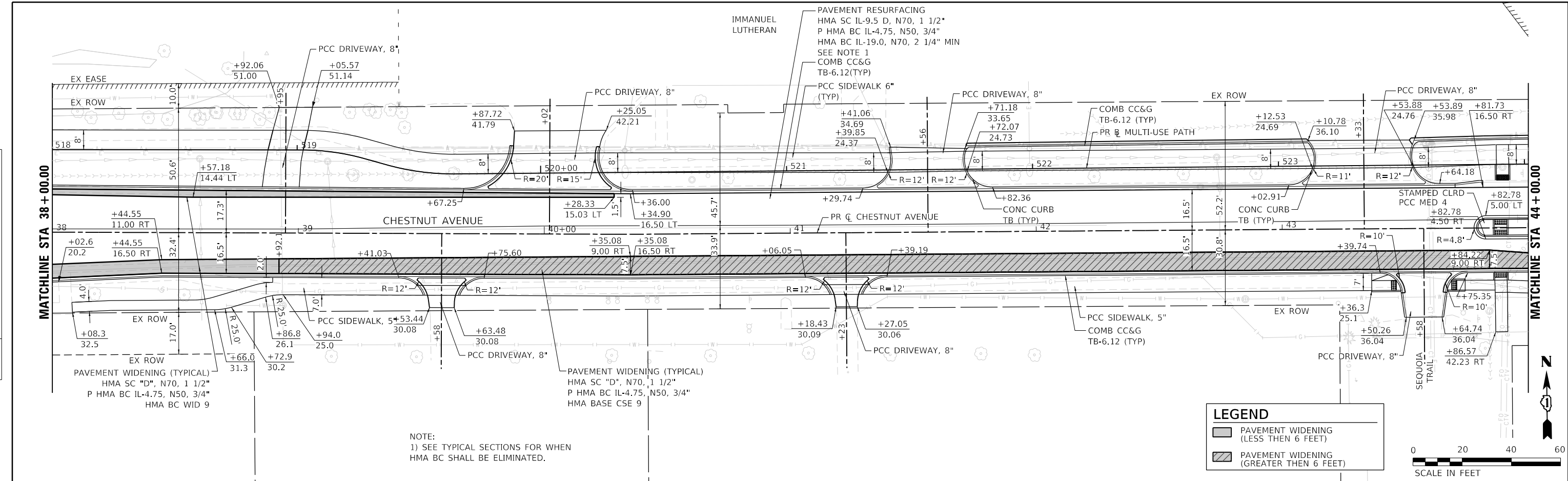


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
CHESTNUT AVENUE

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
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	FILE NAME	
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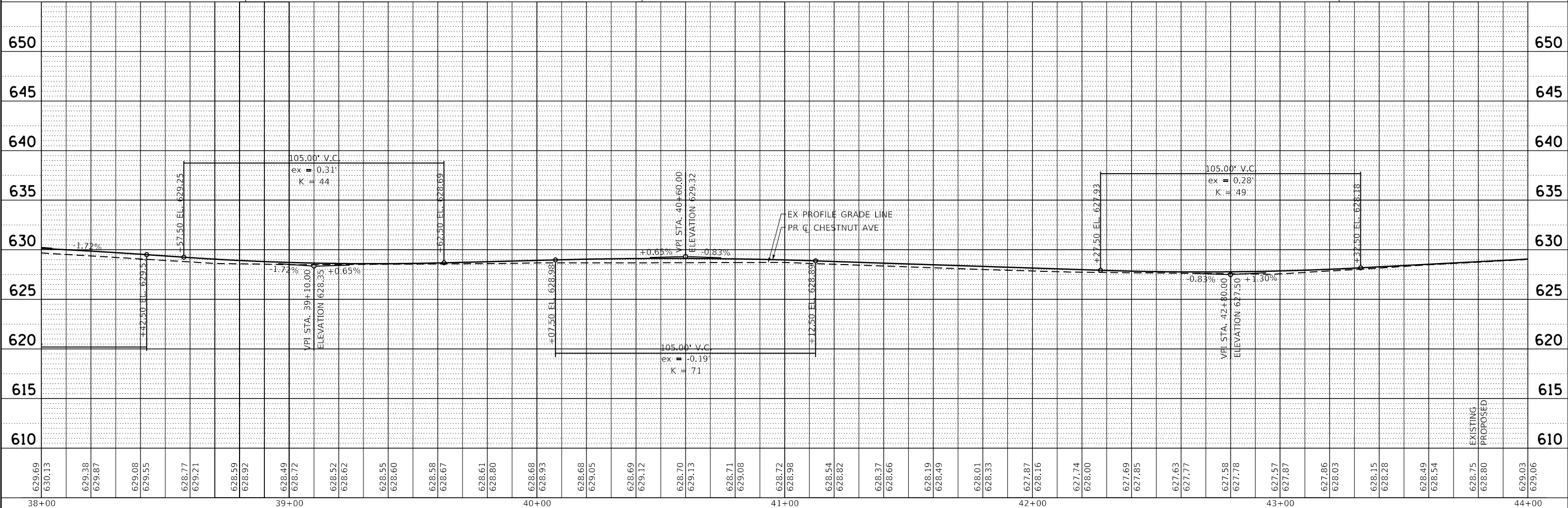
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	



NOTE:
1) SEE TYPICAL SECTIONS FOR WHEN
HMA BC SHALL BE ELIMINATED.

LEGEND

- PAVEMENT WIDENING (LESS THEN 6 FEET)
- PAVEMENT WIDENING (GREATER THEN 6 FEET)



MODEL: Default
FILE NAME: 132547_sht_pln_p04.dgn

38+00	39+00	40+00	41+00	42+00	43+00	44+00
629.69	630.13	629.38	629.87	629.08	629.55	628.77
628.52	628.62	628.55	628.60	628.58	628.67	628.61
628.12	628.70	629.13	628.71	629.08	628.72	628.98
628.54	628.82	628.37	628.66	628.19	628.49	628.01
628.33	627.87	628.16	627.74	628.00	627.69	627.85
627.63	627.77	627.58	627.78	627.57	627.87	627.86
628.03	628.15	628.28	628.49	628.54	628.75	628.80
629.03	629.06	EXISTING	PROPOSED	629.03	629.06	629.06



USER NAME = htsummers	DESIGNED JA	REVISED
PLOT SCALE = 40.0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

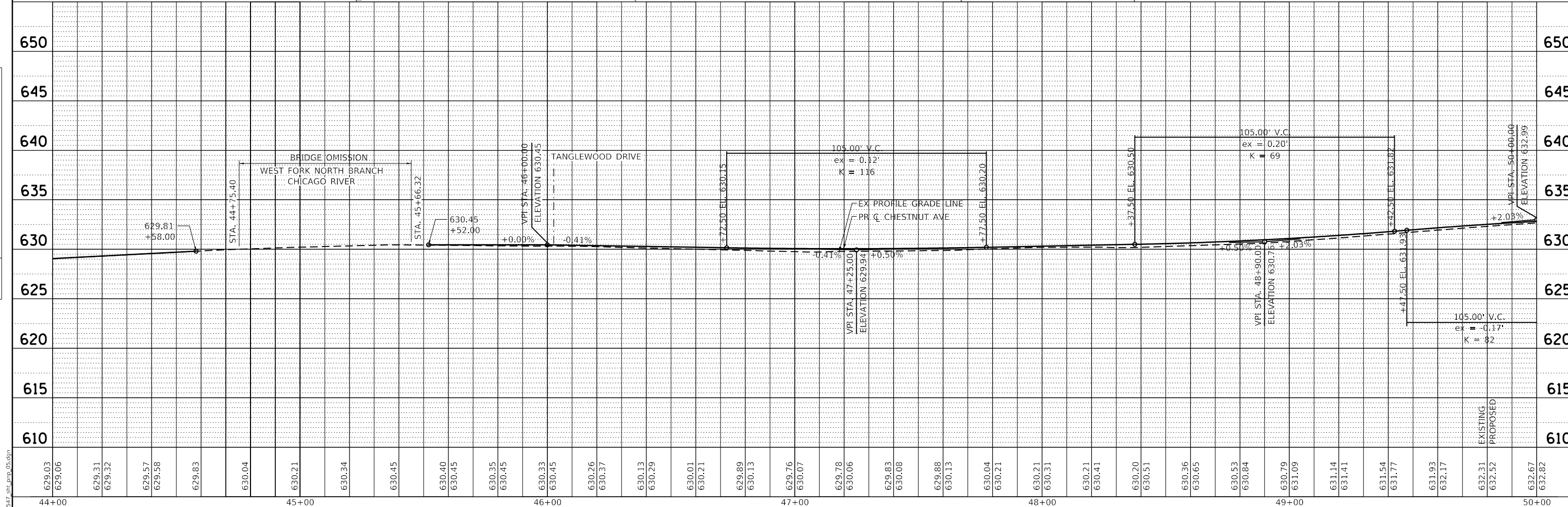
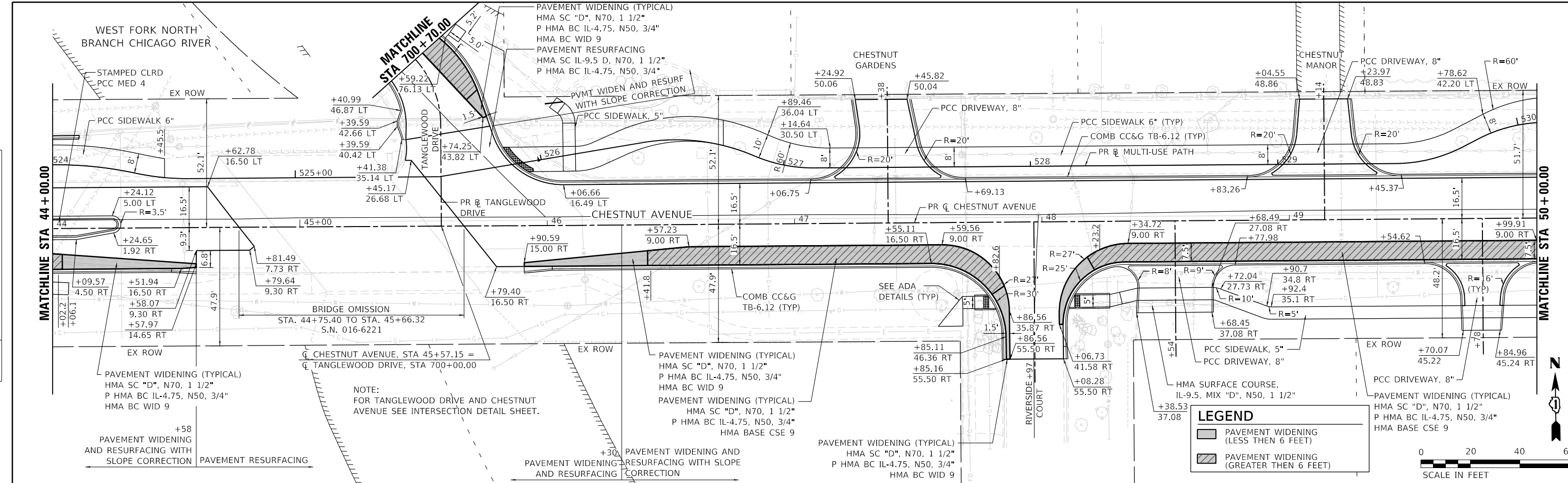
PLAN AND PROFILE
CHESTNUT AVENUE

SCALE: 1"=20' SHEET 4 OF 9 SHEETS STA. 38+00 TO STA. 44+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 35
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	

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

DATE	
BY	
PROFILE	SURVEYED
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	NOTE BOOK
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	FILE NAME
	NO.



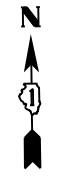
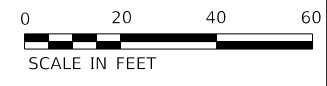
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PLOT DATE	= 2/15/2022	DATE	2/14/2021	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

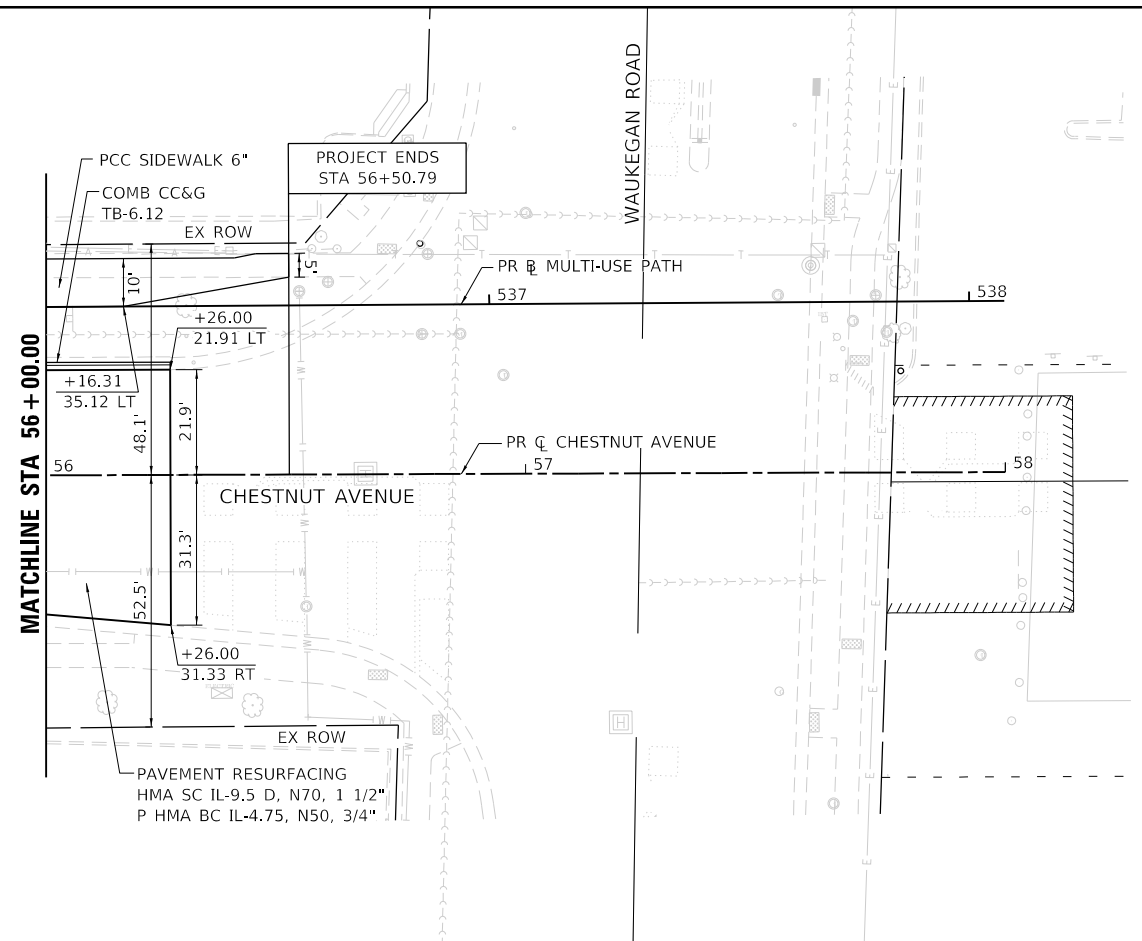
**PLAN AND PROFILE
CHESTNUT AVENUE**

SCALE: 1"=20' SHEET 5 OF 9 SHEETS STA. 44+00 TO STA. 50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	36
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

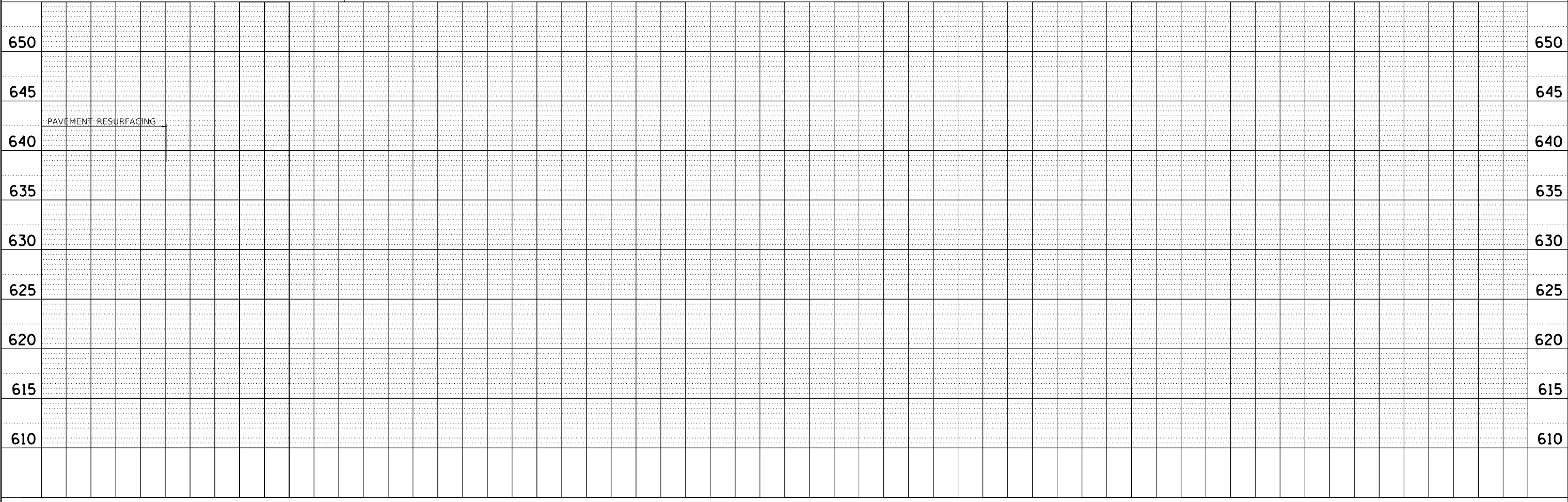


PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK NO.	ALIGNMENT CHECKED		
	CADD FILE NAME		



LEGEND	
	PAVEMENT WIDENING (LESS THEN 6 FEET)
	PAVEMENT WIDENING (GREATER THEN 6 FEET)

PROFILE	SURVEYED	BY	DATE
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NOTE BOOK NO.	GRADES CHECKED		
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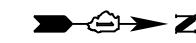
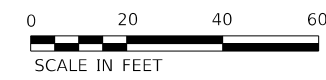
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	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
CHESTNUT AVENUE**

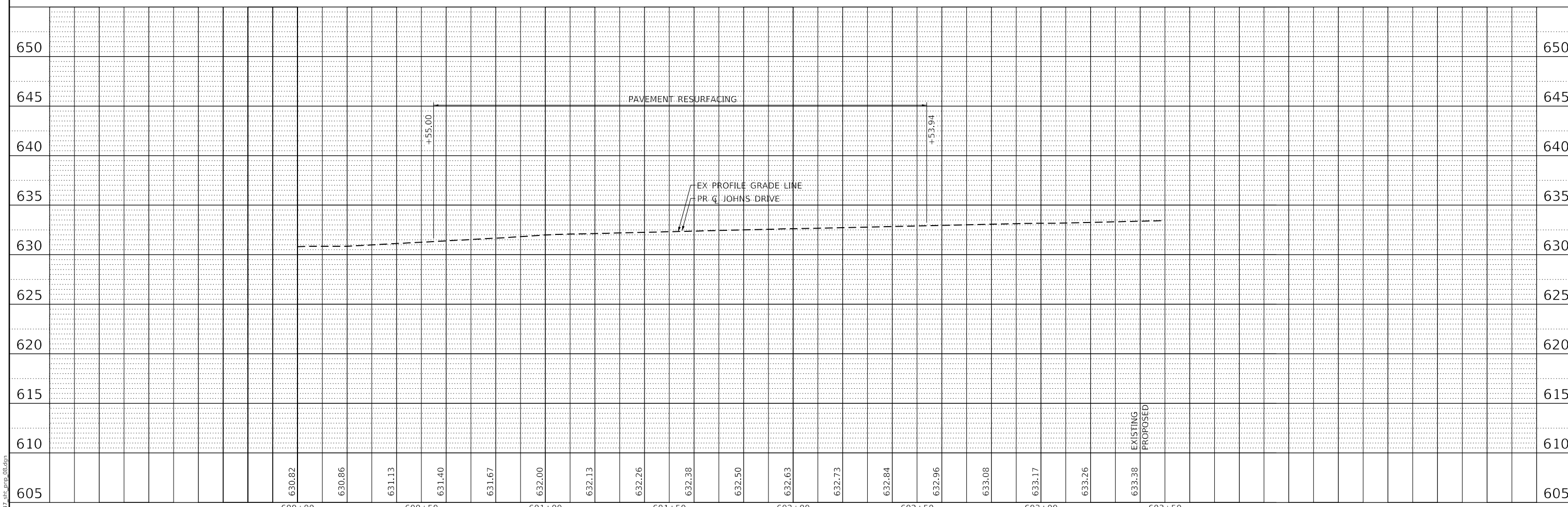
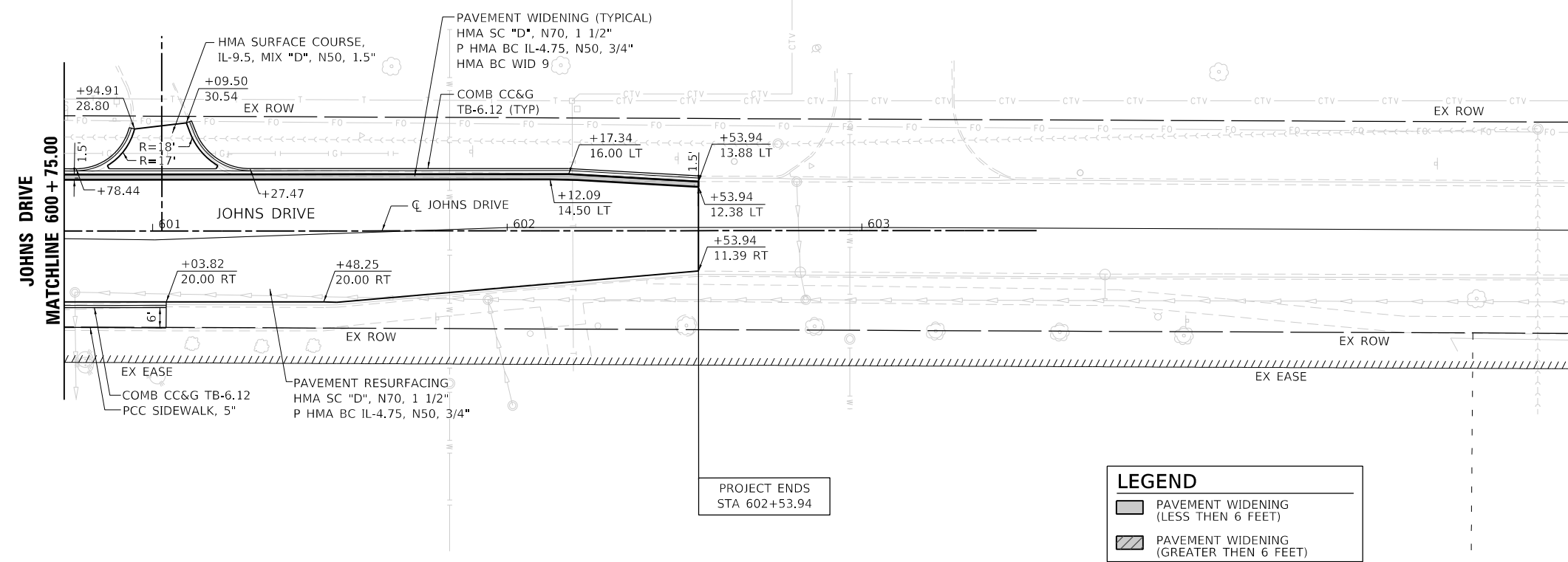
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	38
CONTRACT NO. 61H71				
ILLINOIS		FED. AID PROJECT		



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

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



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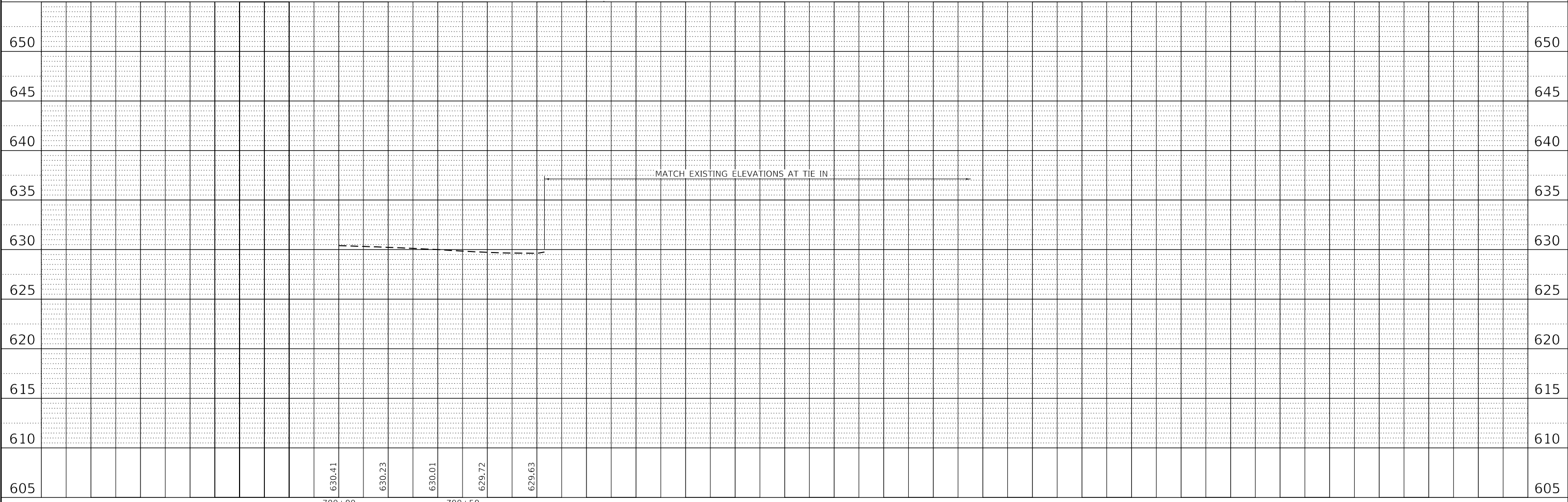
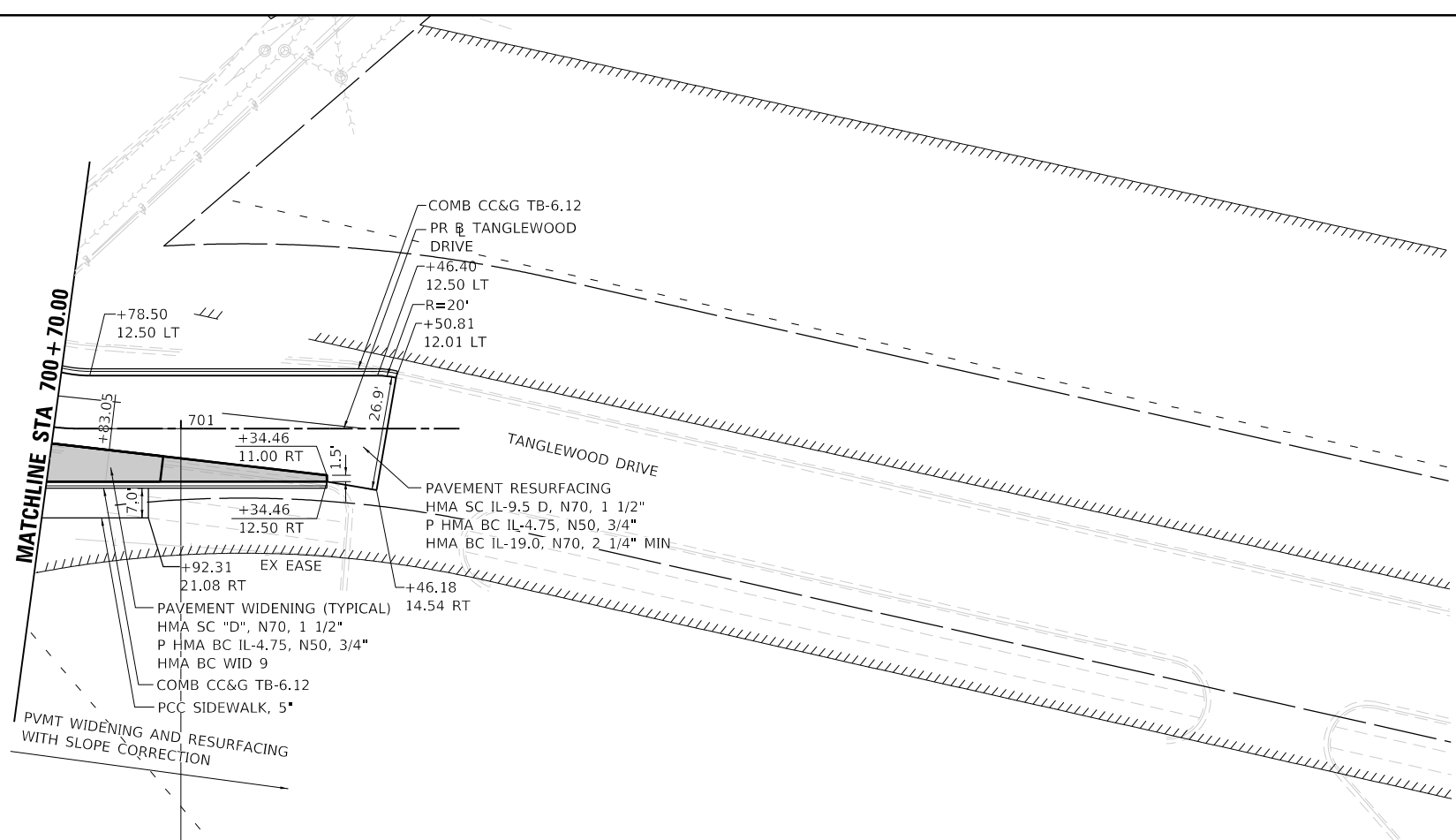
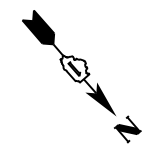
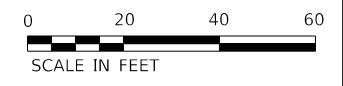
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PLOT SCALE = 40.0000 ' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
JOHNS DRIVE

SCALE: 1"=20' SHEET 8 OF 9 SHEETS STA. 600+75 TO STA. 602+53.94

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	39
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

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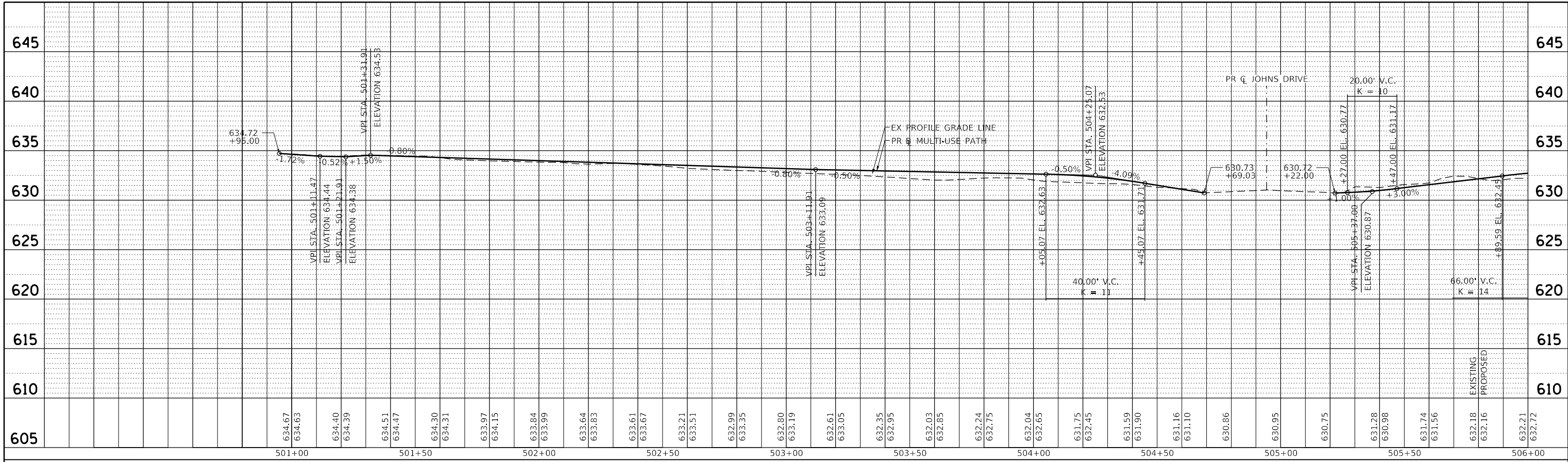
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

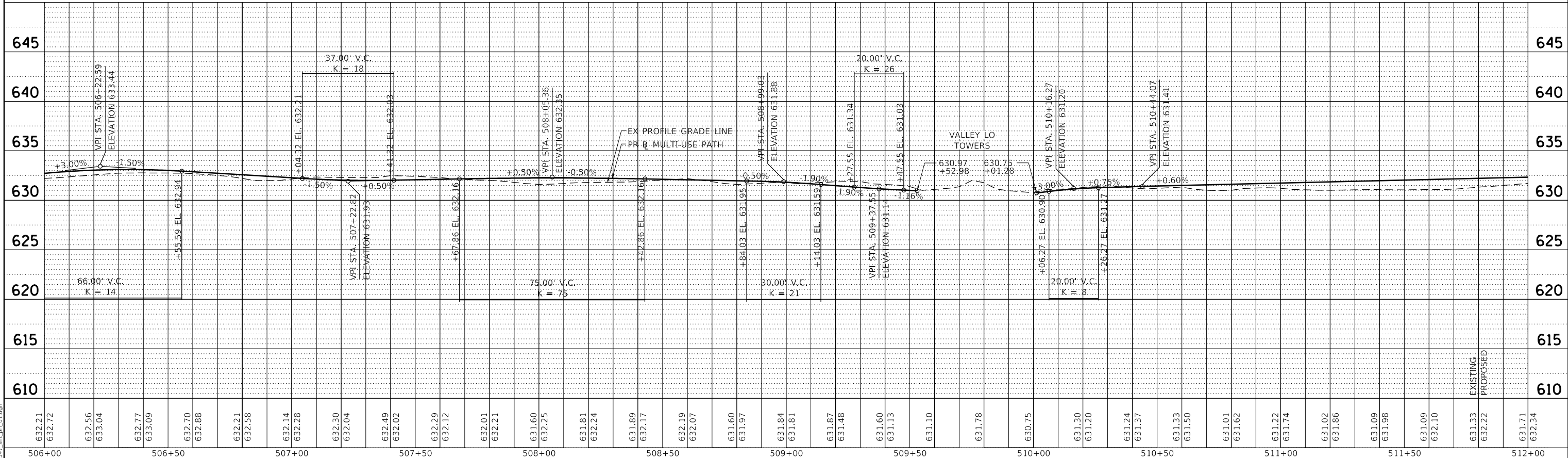
PLAN AND PROFILE TANGLEWOOD DRIVE	
SCALE: 1"=20'	SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	40
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

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



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



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USER NAME	= htsummers
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PLOT DATE	= 2/15/2022

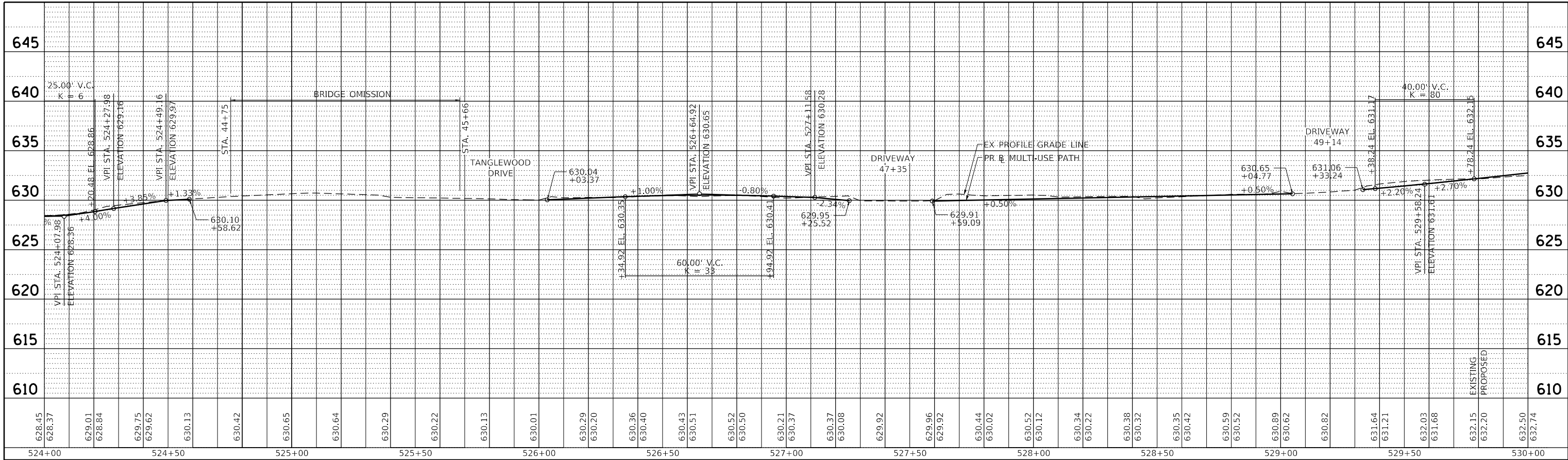
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DATE	2/14/2021	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

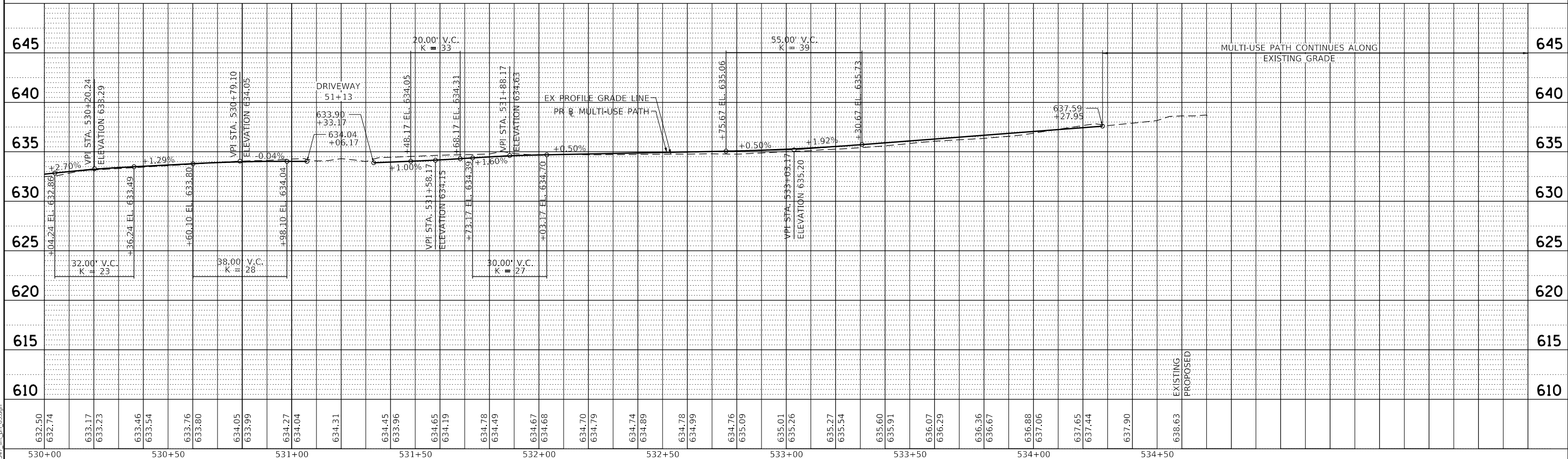
PROFILE			
CHESTNUT AVENUE MULTI-USE PATH			
SCALE:	1"=20'	SHEET	1 OF 3 SHEETS
STA.	500+00	TO STA.	512+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	41
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	ALIGNED CHECKED		
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	CADD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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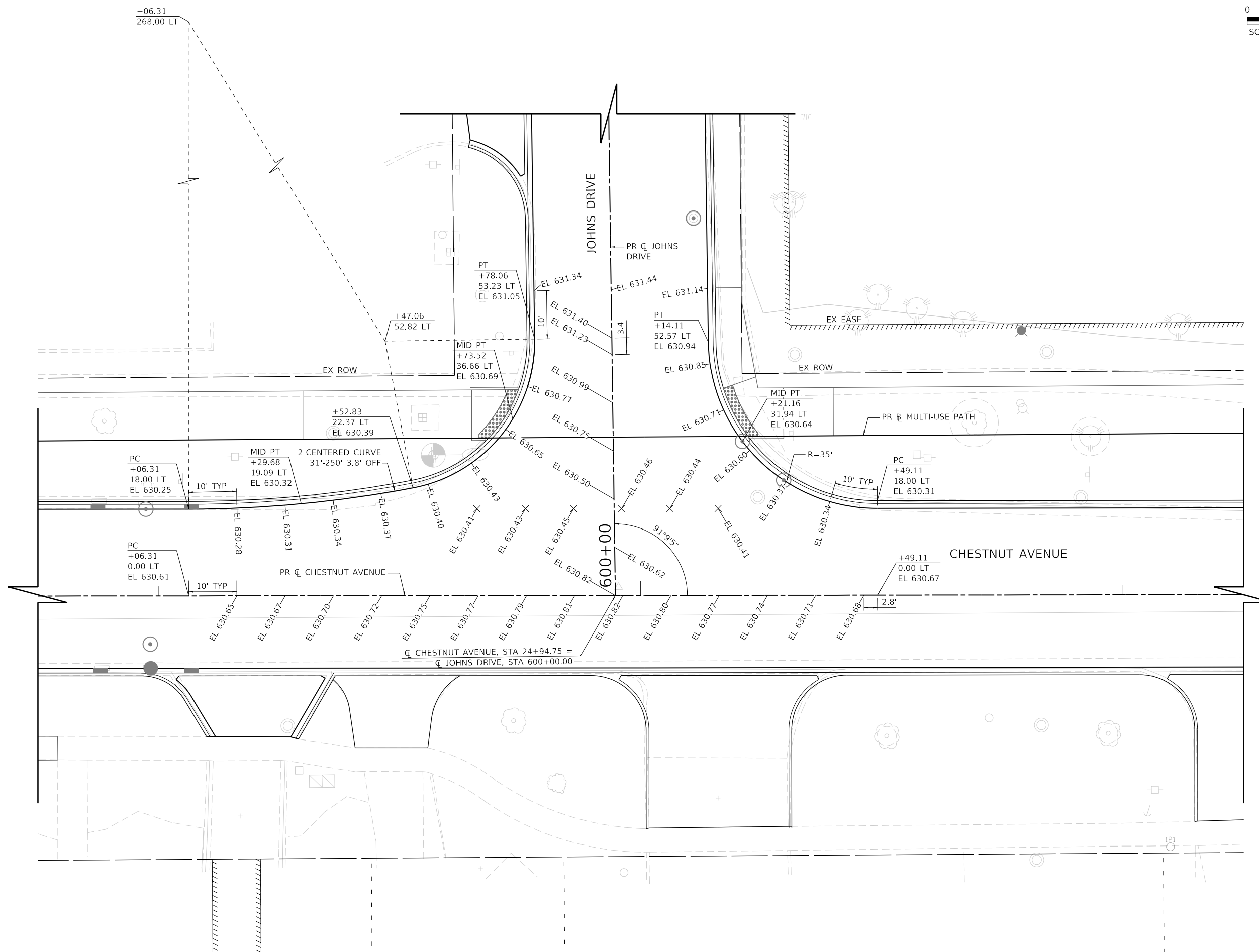
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DRAWN	HS	REVISED	
CHECKED	JA	REVISED	
DATE	2/14/2021	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROFILE			
CHESTNUT AVENUE MULTI-USE PATH			
SCALE:	1"=20'	SHEET	3 OF 3 SHEETS
STA.	524+00	TO STA.	536+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	43
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



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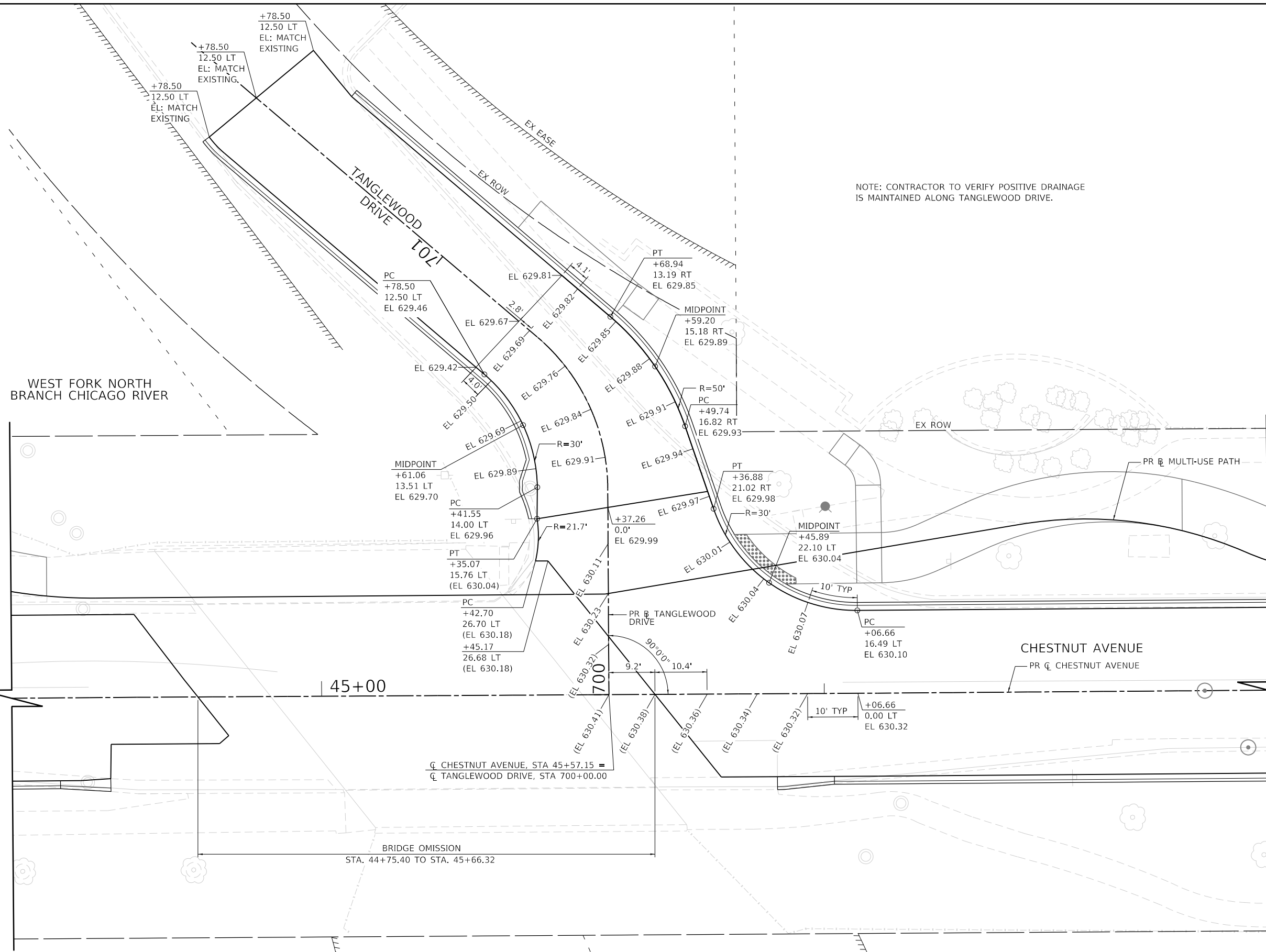
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL	
CHESTNUT AVENUE AND JOHNS DRIVE	
SCALE: 1"=10'	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 44
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



NOTE: CONTRACTOR TO VERIFY POSITIVE DRAINAGE IS MAINTAINED ALONG TANGLEWOOD DRIVE.



MODEL: Default
FILE NAME: 132547.dwg, 02/25/20



USER NAME = htsummers	DESIGNED JA	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
CHESTNUT AVENUE AND TANGLEWOOD DRIVE**

SCALE: 1"=10' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	45
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL AND PROTECTION

- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN, TRAFFIC SIGNAL PLANS, THESE NOTES, APPLICABLE SPECIAL PROVISIONS, AND SECTION 701 OF THE STANDARD SPECIFICATIONS AS AMENDED BY THE SPECIAL PROVISION FOR WORK ZONE TRAFFIC CONTROL (CHECK SHEET LRS 3).
- THE TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
- TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS SHALL BE REQUIRED ALONG TEMPORARY ROADS, DETOURS, AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 100 FEET CENTER TO CENTER.
- ANY DROP OFF GREATER THAN THREE (3) INCHES WITHIN EIGHT (8) FEET OF A TRAVEL LANE SHALL BE PROTECTED BY TYPE I OR TYPE II BARRICADES, DRUMS OR VERTICAL PANELS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING. IF THE DROP OFF IS GREATER THAN THIRTY-SIX (36) INCHES AND EXISTS FOR LONGER THAN 24 HOURS, IT SHALL BE PROTECTED BY TEMPORARY CONCRETE BARRIER. TEMPORARY CONCRETE BARRIER SHALL HAVE MONODIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING. THE CONTRACTOR SHALL SCHEDULE HIS WORK AND OPERATIONS SUCH THAT A DROP OFF OF GREATER THAN 36 INCHES DOES NOT REMAIN WITHIN EIGHT FEET OF A TRAVEL LANE FOR MORE THAN 24 HOURS. THE CONTRACTOR MAY PLACE COMPACTED EXCAVATED MATERIAL, AGGREGATE, OR OTHER MATERIAL IN THE DROP OFF TO SATISFY THIS REQUIREMENT. THE PLANS INDICATE AREAS (IF ANY) IN WHICH THE DEPARTMENT EXPECTS THAT TEMPORARY CONCRETE BARRIER WILL BE REQUIRED FOR A DROP OFF OF GREATER THAN 36 INCHES TO REMAIN FOR MORE THAN 24 HOURS.
- BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
- TYPE I OR TYPE II BARRICADES SHALL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, TRANSVERSE PAVEMENT JOINTS, MATERIALS OR EQUIPMENT WITHIN THE RIGHT-OF-WAY (NUMBER AND SPACING DEPENDS ON THE CONDITIONS); AND AT LOCATIONS DESIGNATED BY THE ENGINEER OR LOCAL LAW ENFORCEMENT AGENCIES.
- TYPE I, II AND / OR III BARRICADES WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.
- WHERE REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION. ALL EXISTING SIGNS MUST REMAIN MOUNTED IN THEIR EXISTING LOCATIONS UNLESS GIVEN PERMISSION BY THE ENGINEER.
- ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
- PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBSTAGING INTERSECTIONS AND DRIVEWAYS IN ORDER TO PROVIDE CONTINUOUS ACCESS.
- CHANGEABLE MESSAGE SIGN SHALL BE PLACED PRIOR TO CONSTRUCTION AND BE IN PLACE TO NOTIFY THE PUBLIC PRIOR TO FUTURE TRAFFIC CHANGES. IT IS THE RESPONSIBILITY OF THE ENGINEER TO DETERMINE THE MESSAGE WITH THE APPROVAL OF THE VILLAGE OF GLENVIEW.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY CONFLICTING PAVEMENT MARKINGS FROM PREVIOUS STAGES PRIOR TO COMPLETING A NEW STAGE SHIFT.
- THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL FOR THIS PROJECT:
 - 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600 mm) FROM PAVEMENT EDGE
 - 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
 - 701602-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
 - 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
 - 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
 - 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
 - 701901-08 TRAFFIC CONTROL DEVICES
 - TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
 - TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
 - TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
 - TC-22 ARTERIAL ROAD INFORMATION SIGN
 - TC-26 DRIVEWAY ENTRANCE SIGNING
- THE CONTRACTOR SHALL PROVIDE PEDESTRIAN ACCESS AT ALL TIMES AT THE CROSSWALK CROSSING CHESTNUT AVENUE NEAR SEQUOIA TRAIL.
- THE CONTRACTOR SHALL PROVIDE VEHICLE ACCESS TO ALL DRIVEWAYS IN BOTH DIRECTIONS OF TRAFFIC THROUGHOUT ALL STAGES OF CONSTRUCTION.

SUGGESTED SEQUENCE OF CONSTRUCTION

THE FOLLOWING IS THE CONSTRUCTION STAGING FOR THIS PROJECT. THE PURPOSE OF THIS STAGING IS TO MINIMIZE DELAYS TO THE MOTORIST. THE CONTRACTOR MAY ALTER THE SEQUENCE OF CONSTRUCTION WITH THE PRIOR APPROVAL OF THE ENGINEER.

PRE-STAGE

TRAFFIC CONFIGURATION

- MAINTAIN TRAFFIC AS IN EXISTING CONFIGURATION ALONG CHESTNUT AVENUE AND JOHNS DRIVE

WORK PERFORMED (PROJECT LIMITS)

- SET UP DAILY LANE CLOSURES
- INSTALL ADVANCED ROADWORK SIGNAGE
- INSTALL TEMPORARY PAVEMENT MARKINGS
- INSTALL TEMPORARY EROSION CONTROL ITEMS
- REMOVE CONFLICTING PAVEMENT MARKINGS

STAGE 1

TRAFFIC CONFIGURATION

- CLOSE SOUTH SIDE OF CHESTNUT AVENUE
- SHIFT TRAFFIC NORTH
- MAINTAIN ONE THROUGH LANE IN EACH DIRECTION

WORK PERFORMED (CHESTNUT AVENUE, JOHNS DRIVE AND TANGLEWOOD DRIVE)

- SET UP DAILY LANE CLOSURES
- REMOVE EXISTING CONCRETE CURB AND GUTTER AND ADJACENT PAVEMENT
- REMOVE SIDEWALK AND DRIVEWAYS CALLED OUT TO BE REMOVED
- WIDEN PAVEMENT ON SOUTH SIDE. ONLY BASE COURSE WILL BE INSTALLED DURING THIS STAGE. INCIDENTAL HMA SURFACING MAY BE USED AS NEEDED TO TRANSITION FROM EXISTING GRADE TO THE BASE COURSE.
- PLACE NEW CONCRETE CURB AND GUTTER AND ADJACENT PAVEMENT
- PLACE DRAINAGE STRUCTURES
- INSTALL WATER MAIN IMPROVEMENTS
- PLACE NEW DRIVEWAY PAVEMENT OR CONCRETE AND CONCRETE SIDEWALK

STAGE 2

TRAFFIC CONFIGURATION

- SHIFT EASTBOUND TRAFFIC TO SOUTH OF CHESTNUT AVENUE ON TO NEW PAVEMENT
- SHIFT WESTBOUND TRAFFIC TO NORTH OF CHESTNUT AVENUE ON EXISTING PAVEMENT
- TRAFFIC CONFIGURATION SHOWN WILL REMAIN AT END OF EACH DAY. DAILY LANE CLOSURES WILL BE USED FOR ALL OTHER WORK.

WORK PERFORMED (CHESTNUT AVENUE)

- SET UP DAILY LANE CLOSURES
- PERFORM DRAINAGE IMPROVEMENTS
- INSTALL WATER MAIN IMPROVEMENTS

STAGE 3

TRAFFIC CONFIGURATION

- CLOSE NORTH SIDE OF CHESTNUT AVENUE
- SHIFT TRAFFIC SOUTH
- MAINTAIN ONE THROUGH LANE IN EACH DIRECTION

WORK PERFORMED (CHESTNUT AVENUE, JOHNS DRIVE, TANGLEWOOD DRIVE)

- REMOVE EXISTING PAVEMENT, CURB AND GUTTER
- REMOVE DRIVEWAY PAVEMENT AND CONCRETE SIDEWALK CALLED OUT TO BE REMOVED
- WIDEN PAVEMENT ON NORTH SIDE. ONLY BASE COURSE WILL BE INSTALLED DURING THIS STAGE. INCIDENTAL HMA SURFACING MAY BE USED AS NEEDED TO TRANSITION FROM EXISTING GRADE TO THE BASE COURSE.
- PLACE NEW CURB AND GUTTER, ADJACENT PAVEMENT
- PLACE DRAINAGE STRUCTURES
- INSTALL WATER MAIN IMPROVEMENTS
- PLACE NEW DRIVEWAY PAVEMENT AND NEW CONCRETE SIDEWALK

STAGE 4

TRAFFIC CONFIGURATION

- MAINTAIN TRAFFIC AS IN STAGE 2

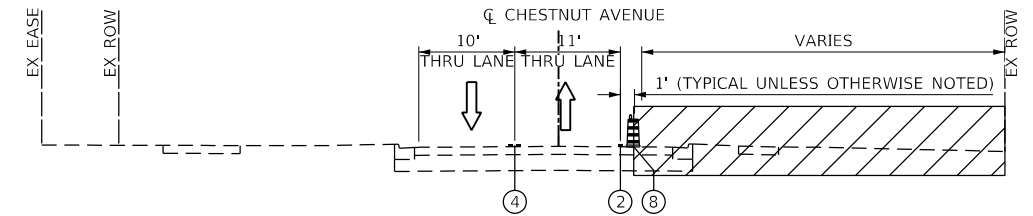
WORK PERFORMED (ENTIRE PROJECT LIMIT)

- PLACE CONCRETE CURB AND GUTTER AT MEDIANS
- PLACE MEDIAN PAVEMENT
- HMA SURFACE REMOVAL
- INSTALL POLYMERIZED HMA BINDER AND HMA SURFACE COURSE
- PLACE PERMANENT PAVEMENT MARKINGS
- LANDSCAPING

LEGEND

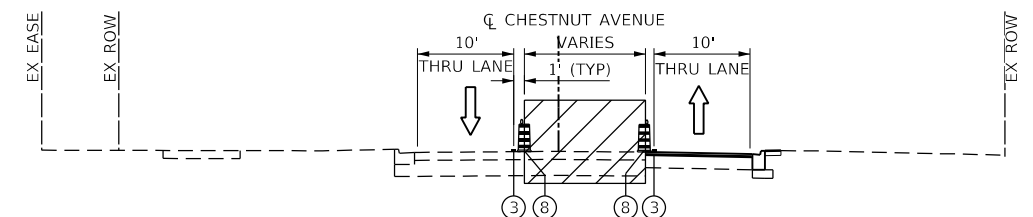
- ① EXISTING PAVEMENT MARKING
- ② TEMPORARY PAVEMENT MARKING, LINE 4" - TYPE III TAPE (SOLID LINE WHITE)
- ③ TEMPORARY PAVEMENT MARKING, LINE 4" - TYPE III TAPE (SOLID LINE YELLOW)
- ④ TEMPORARY PAVEMENT MARKING, LINE 4" - TYPE III TAPE (DOUBLE SOLID LINE YELLOW)
- ⑤ TEMPORARY PAVEMENT MARKING, LINE 4" - TYPE III TAPE (WHITE, 30' SKIP - 10' DASH)
- ⑥ TEMPORARY PAVEMENT MARKING, LINE 4" - TYPE III TAPE (WHITE, 6' SKIP - 2' DASH)
- ⑦ TEMPORARY PAVEMENT MARKING, LINE 6" - TYPE III TAPE (SOLID LINE WHITE)
- ⑧ DRUM OR TY II BARRICADE WITH STEADY BURNING BI-DIRECTIONAL LIGHT AT 50' SPACING (25' IN TAPPERS AND CURVES)

WORK AREA



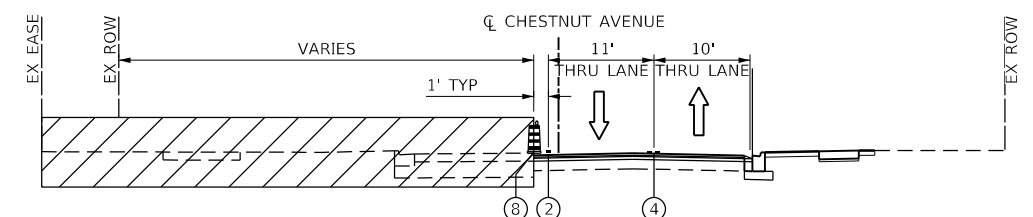
MOT TYPICAL SECTION CHESTNUT AVENUE

STAGE 1



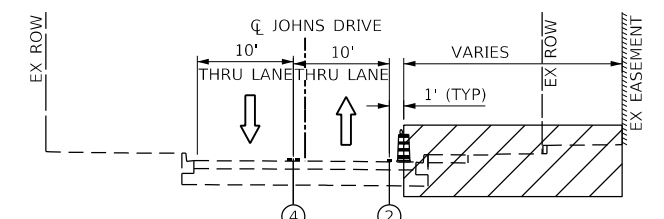
MOT TYPICAL SECTION CHESTNUT AVENUE

STAGE 2 & 4



MOT TYPICAL SECTION CHESTNUT AVENUE

STAGE 3



MOT TYPICAL SECTION JOHNS DRIVE

STAGE 4

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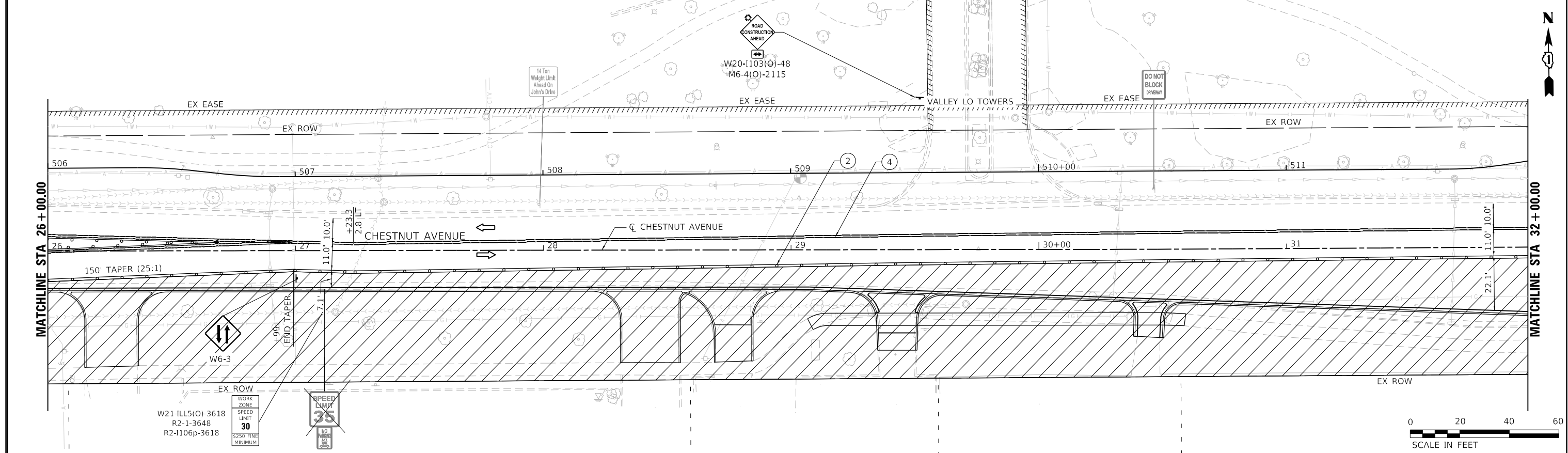
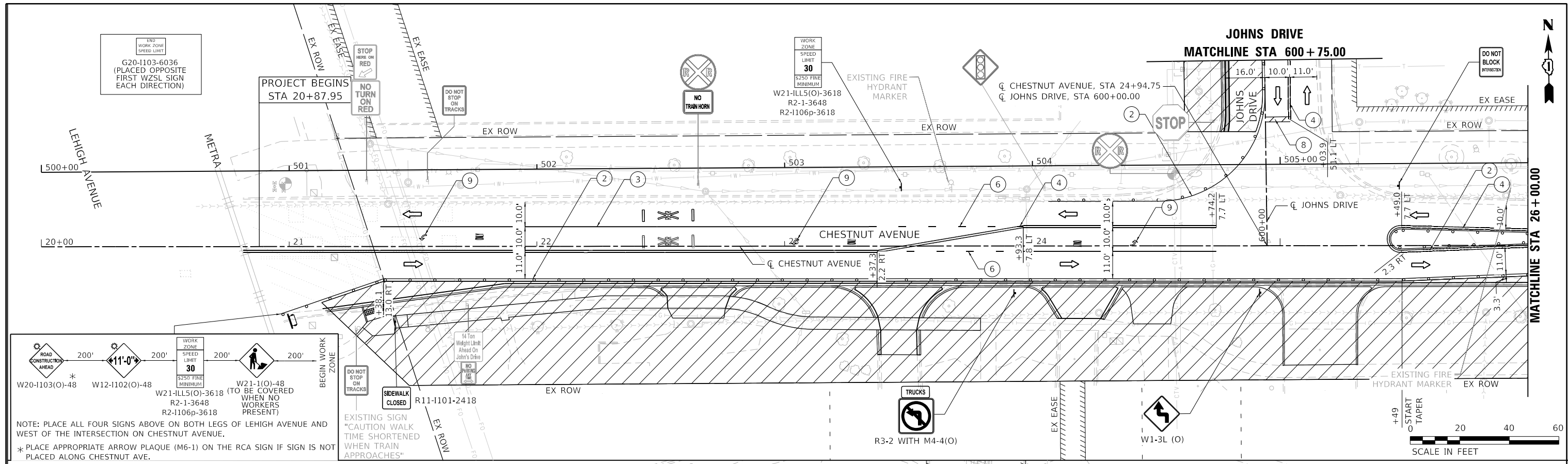
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PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC GENERAL NOTES AND TYPICAL SECTIONS

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

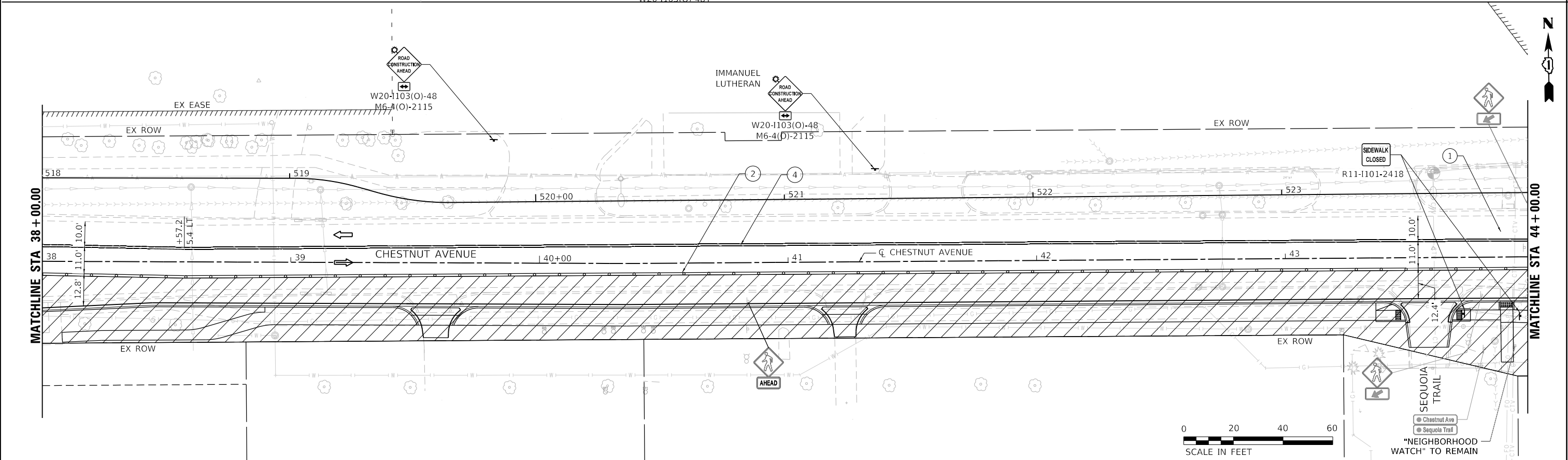
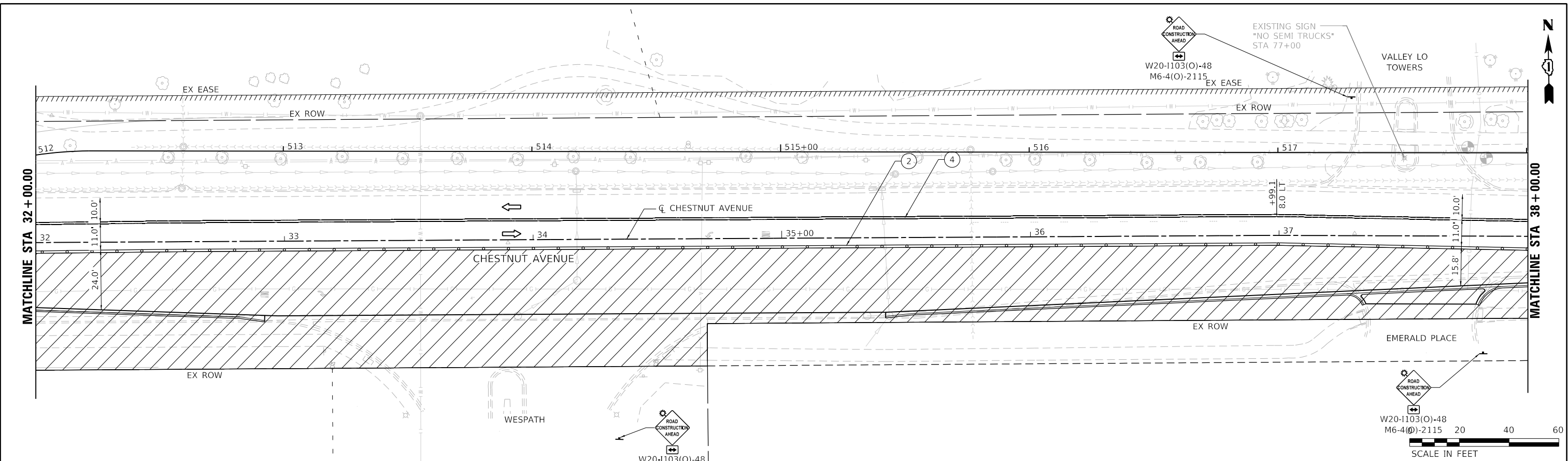
F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 46
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H71	



LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
	ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	TYPE III BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	DRUM OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		DIRECTION OF TRAVEL		
	EXISTING PAVEMENT MARKING				

	USER NAME = hsummers	DESIGNED HS	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1		F.A.U. RTE. = 1352	SECTION = 15-00190-00-PV	COUNTY = COOK	TOTAL SHEETS = 151	SHEET NO. = 47
	PLOT SCALE = 40,000' / in.	CHECKED JA	REVISED		SCALE: 1"=20'	SHEET 1 OF 4 SHEETS	STA. 20+87.95 TO STA. 32+00	CONTRACT NO. 61H71		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/15/2022	DATE = 2/14/2021	REVISED								

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LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		DRUMP OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	TYPE III BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	DIRECTION OF TRAVEL		EXISTING PAVEMENT MARKING		



USER NAME = hsummers	DESIGNED HS	REVISED
PLOT SCALE = 40,0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

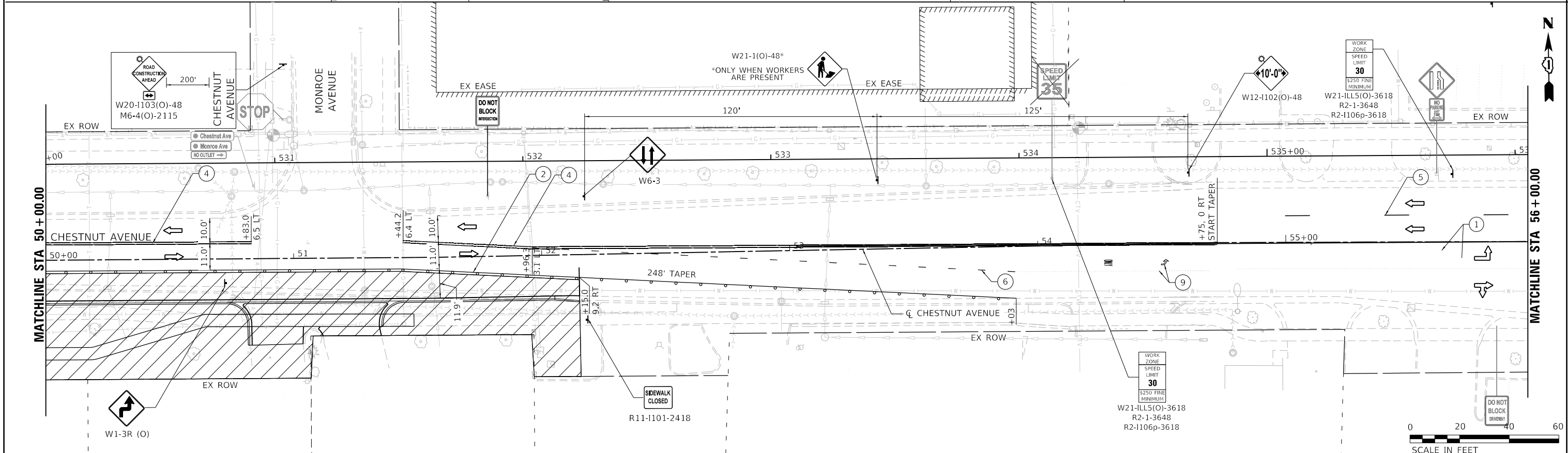
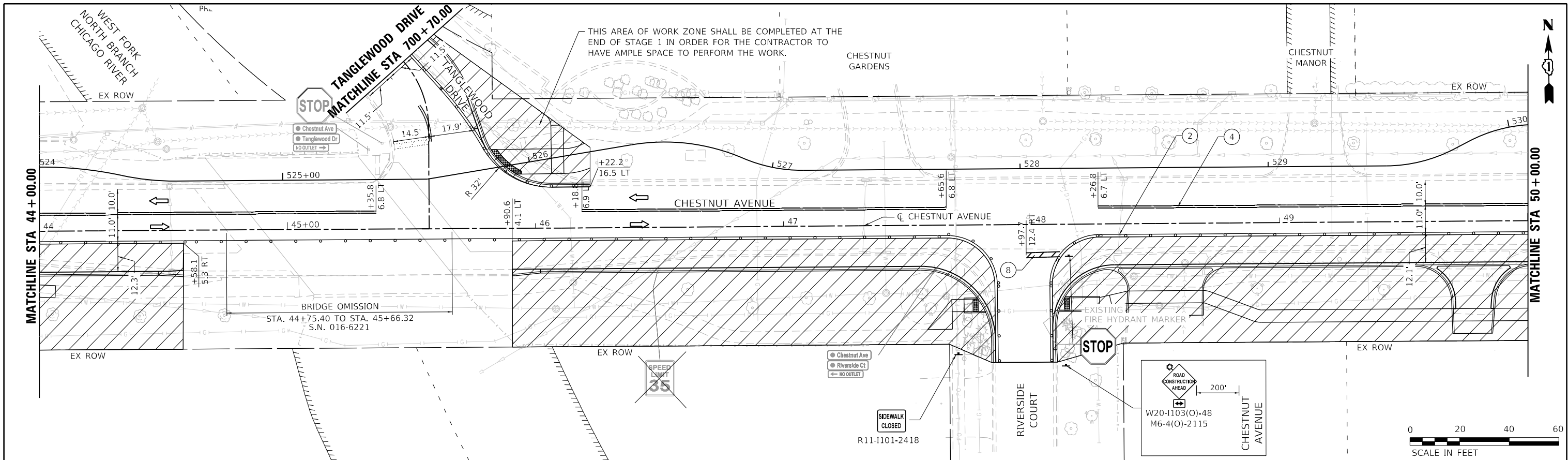
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 32+00 TO STA. 44+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 48
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

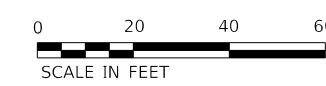
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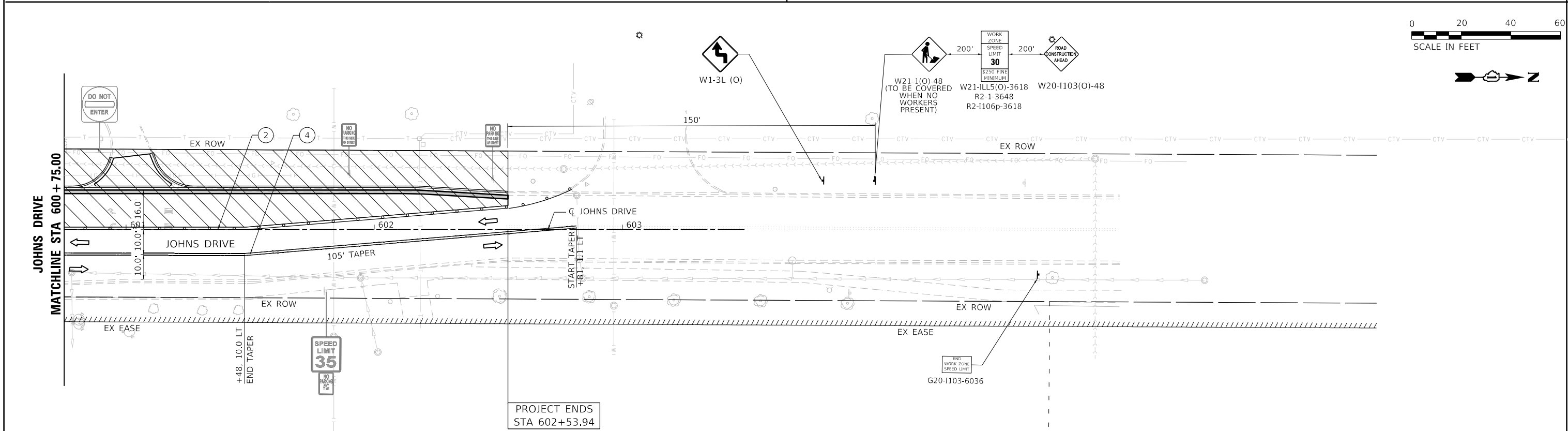
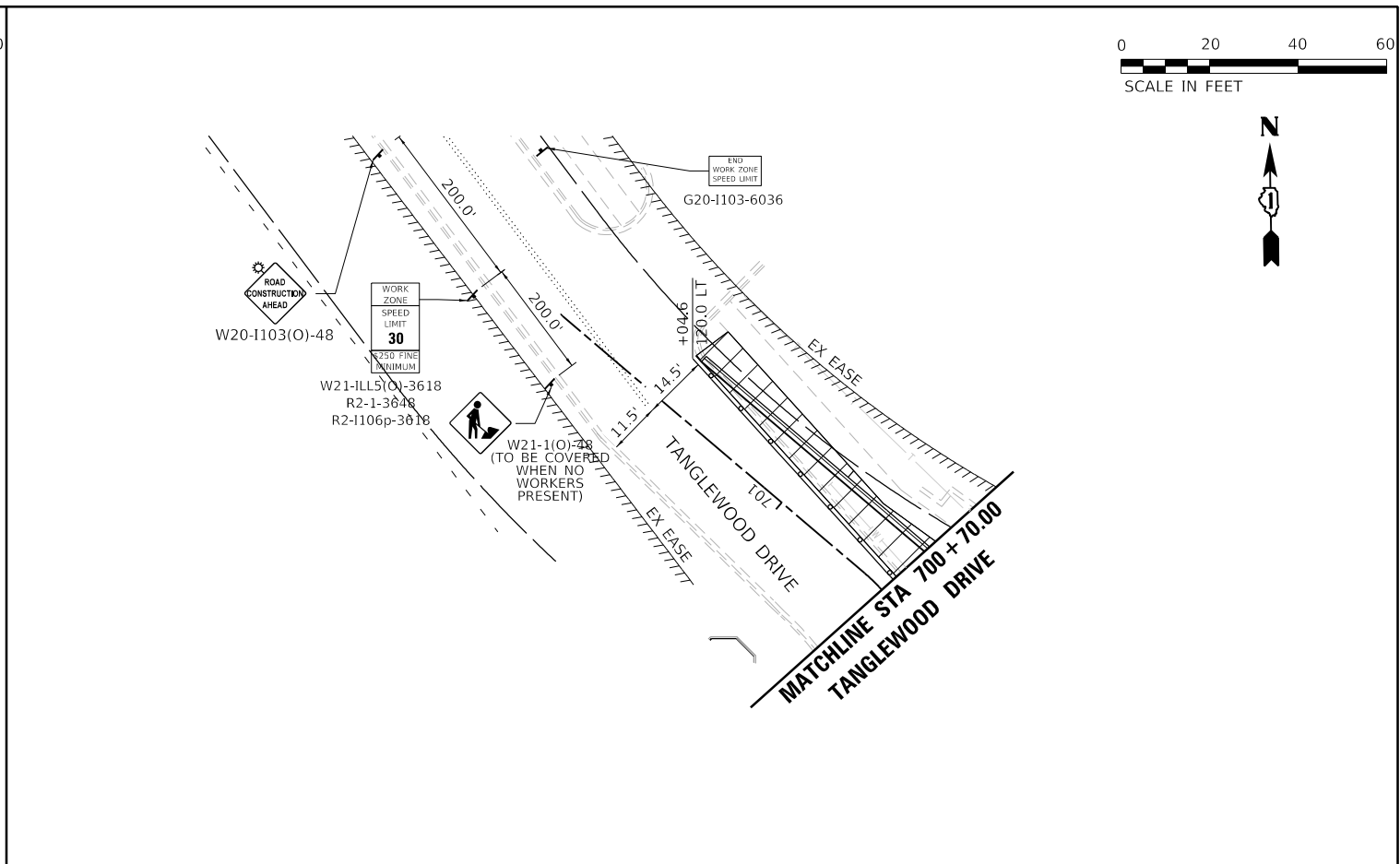
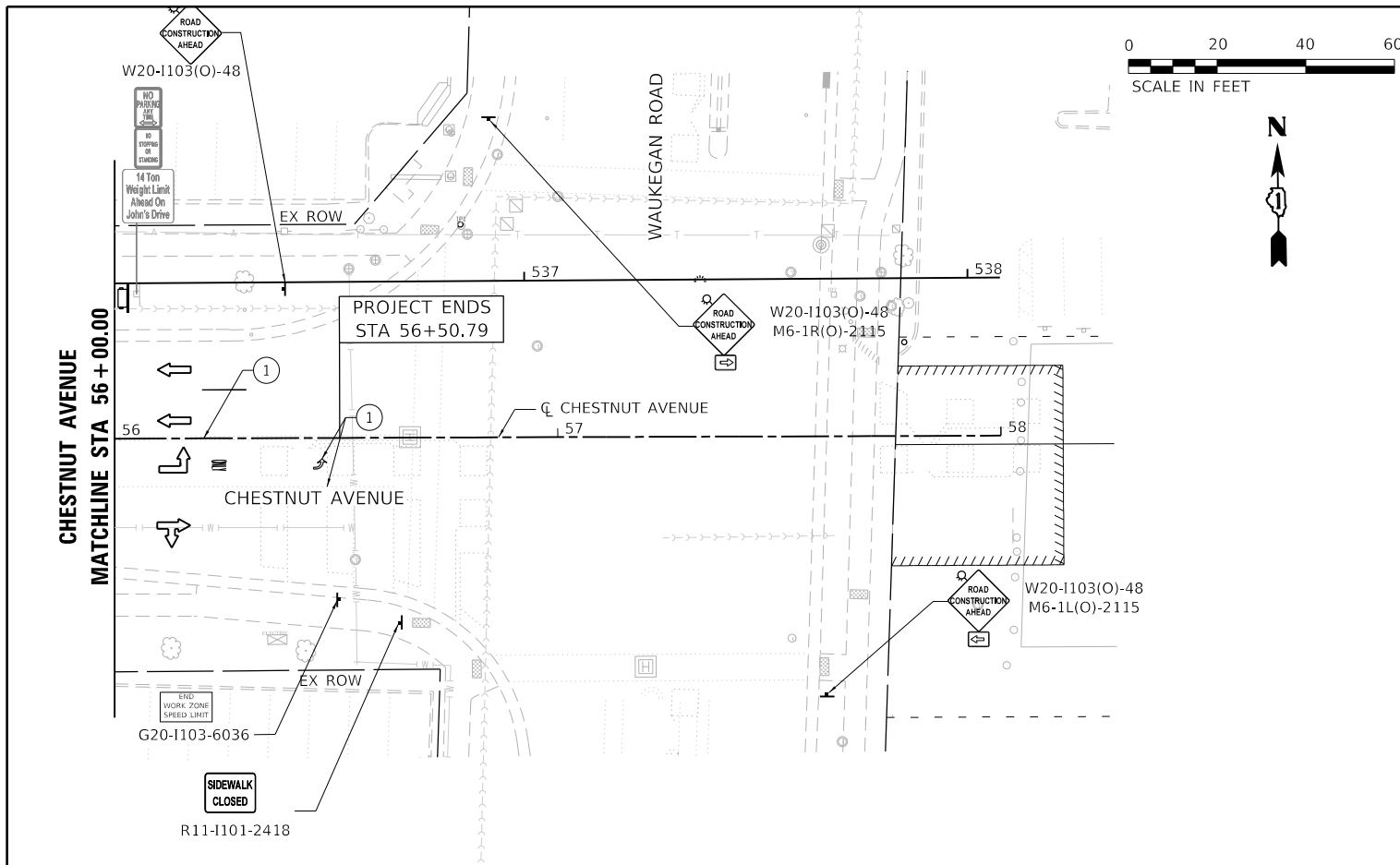
LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA	②	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)	⑥	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
	ARROW BOARD	③	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)	⑦	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD	④	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)	⑧	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	TYPE III BARRICADE	⑤	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)	⑨	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	DRUM OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)				
	DIRECTION OF TRAVEL				
	EXISTING PAVEMENT MARKING				

	USER NAME = hsummers	DESIGNED HS	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1		F.A.U. RTE. = 1352	SECTION = 15-00190-00-PV	COUNTY = COOK	TOTAL SHEETS = 151	SHEET NO. = 49	
	PLOT SCALE = 40,000' / in.	CHECKED JA	REVISED		SCALE: 1"=20'	SHEET 3 OF 4 SHEETS	STA. 44+00 TO STA. 56+00	CONTRACT NO. 61H71				
	PLOT DATE = 2/15/2022	DATE = 2/14/2021	REVISED		ILLINOIS FED. AID PROJECT							

THIS AREA OF WORK ZONE SHALL BE COMPLETED AT THE END OF STAGE 1 IN ORDER FOR THE CONTRACTOR TO HAVE AMPLE SPACE TO PERFORM THE WORK.



MODEL: D:\mtd\132547_SIT NOT-STG1_03.dwg
 FILE NAME: 132547_SIT NOT-STG1_03.dwg



LEGEND		DRAWN		REVIS	
	WORK AREA		DRUMP OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)
	ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
	MESSAGE BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	TYPE III BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	DIRECTION OF TRAVEL		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)		
	EXISTING PAVEMENT MARKING				



USER NAME = hsummers	DESIGNED HS	REVIS
PLOT SCALE = 40,000' / in.	DRAWN HS	REVIS
PLOT DATE = 2/15/2022	CHECKED JA	REVIS
	DATE 2/14/2021	REVIS

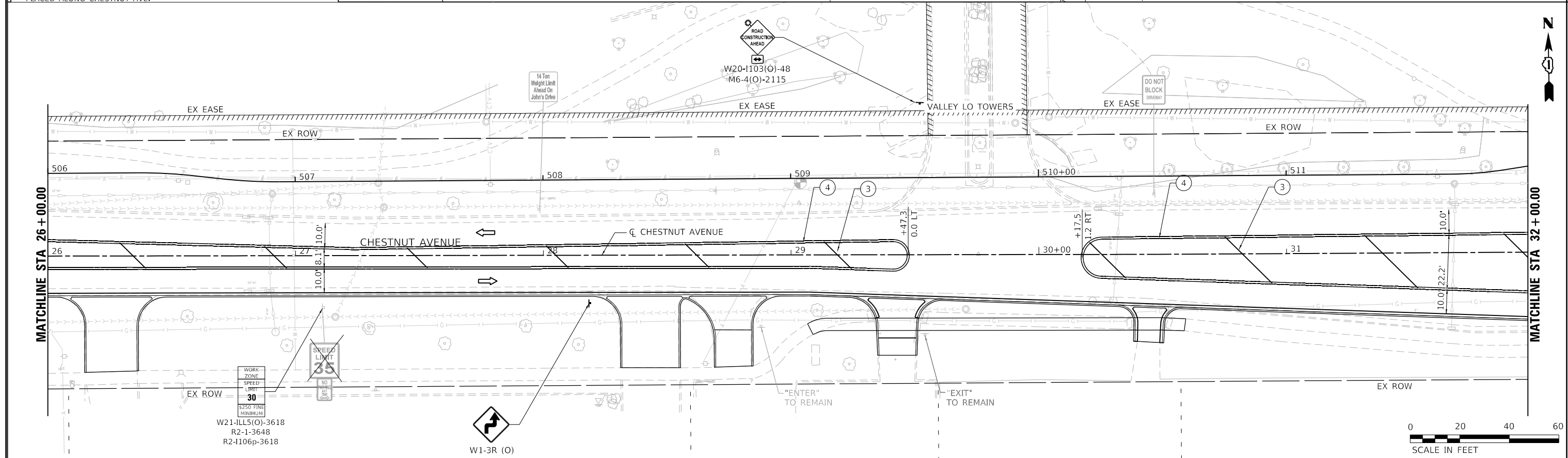
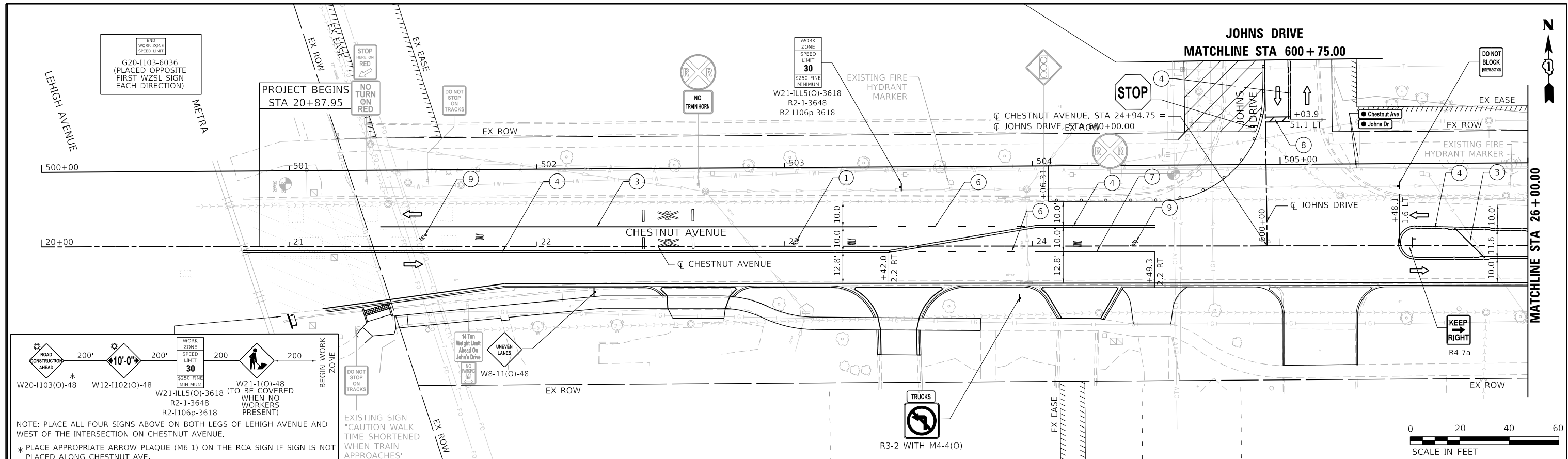
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 600+00 TO STA. 602+53.94

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 50
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

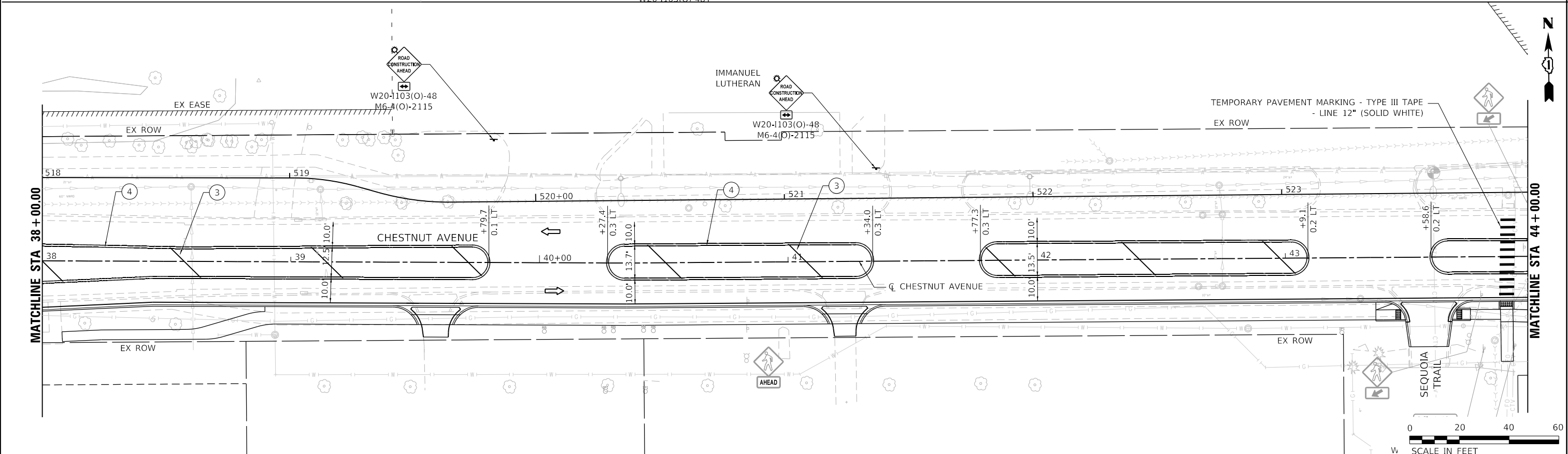
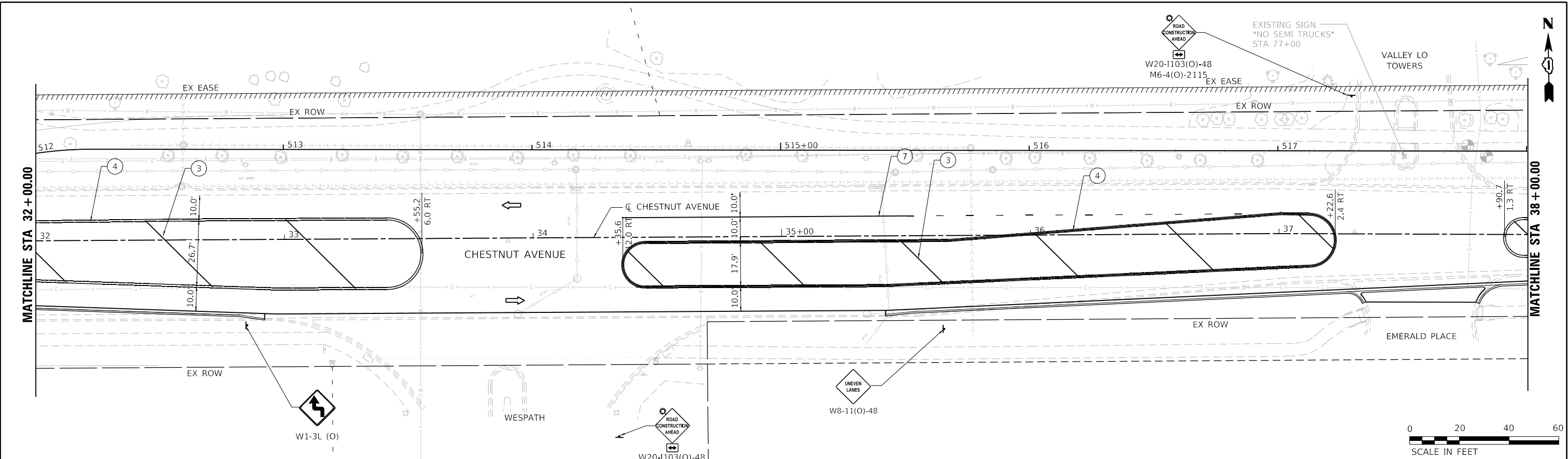
MODEL: D:\output... FILE NAME: 132547_SIT_NOT-STG1_04.dgn



LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
	ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	TYPE III BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	DRUM OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	MESSAGE BOARD		DIRECTION OF TRAVEL		
	EXISTING PAVEMENT MARKING				

	USER NAME = hsummers	DESIGNED HS	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2	F.A.U. RTE. = 1352	SECTION = 15-00190-00-PV	COUNTY = COOK	TOTAL SHEETS = 151	SHEET NO. = 51	
	PLOT SCALE = 40,0000' / in.	CHECKED JA	REVISED			SCALE: 1"=20'	SHEET 1 OF 4 SHEETS	STA. 20+87.95 TO STA. 32+00	CONTRACT NO. 61H71		ILLINOIS FED. AID PROJECT
	PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED								

MODEL: D:\mtd\out
 FILE NAME: 132547_sht NOT-STG2_01.dgn



LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)			TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)		
	WORK AREA		DRUMP OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)		
	ARROW BOARD		DIRECTION OF TRAVEL		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)		
	MESSAGE BOARD		EXISTING PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)		
	TYPE III BARRICADE				TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)		



USER NAME = hsummers	DESIGNED HS	REVISED
PLOT SCALE = 40,000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

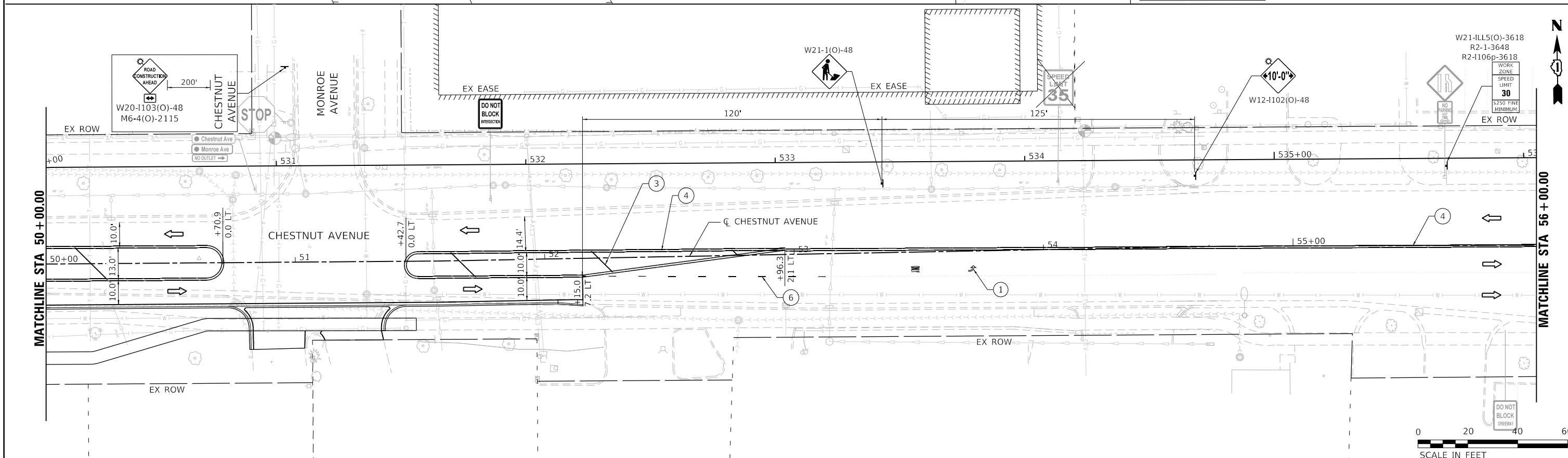
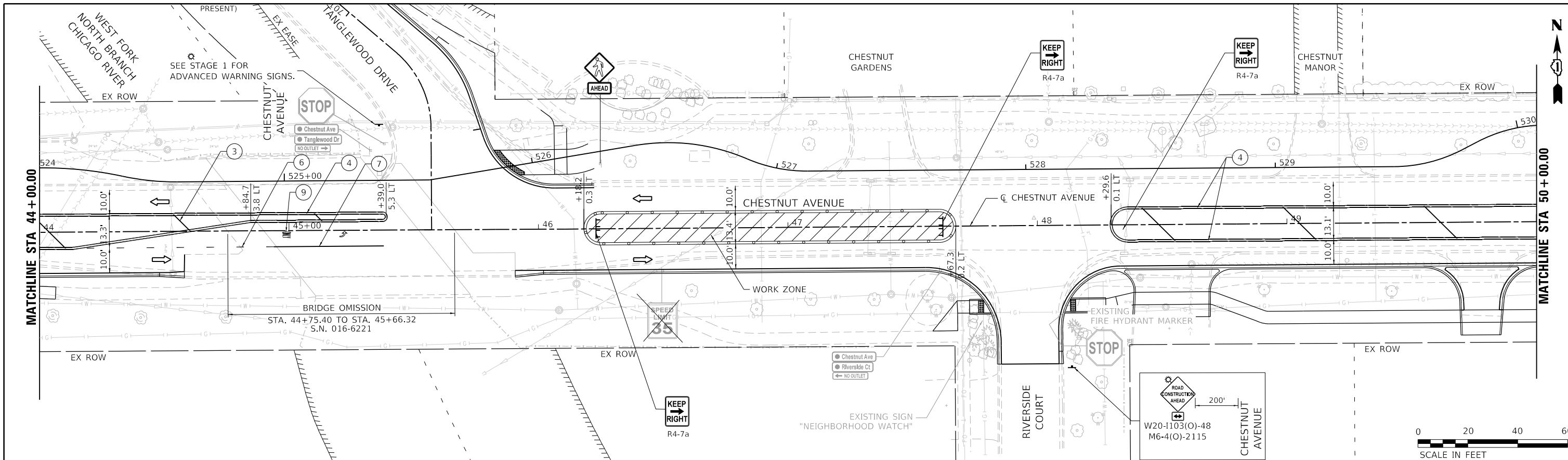
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 32+00 TO STA. 44+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 52
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

MODEL: D:\mtd\15-00190-00-PV\15-00190-00-PV-02.dgn
FILE NAME: 132547_SIT_NOT-STG2_02.dgn



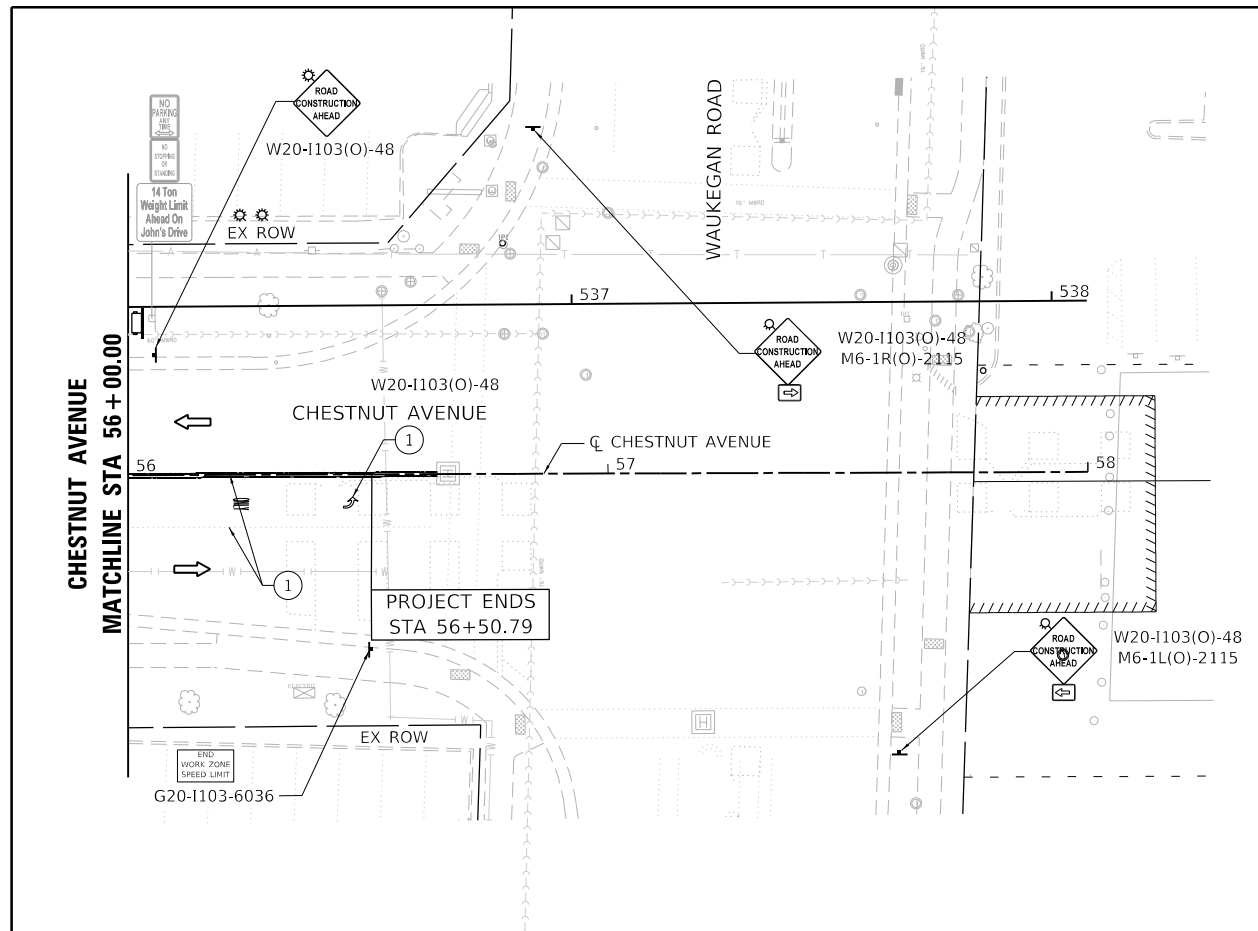
LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		DRUMP OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	TYPE III BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	DIRECTION OF TRAVEL		EXISTING PAVEMENT MARKING		

	USER NAME = hsummers	DESIGNED HS	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 2		F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 53
	PLOT SCALE = 40,000' / in.	CHECKED JA	REVISED		SCALE: 1"=20'	SHEET 3 OF 4 SHEETS	STA. 44+00 TO STA. 56+00	CONTRACT NO. 61H71		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED								

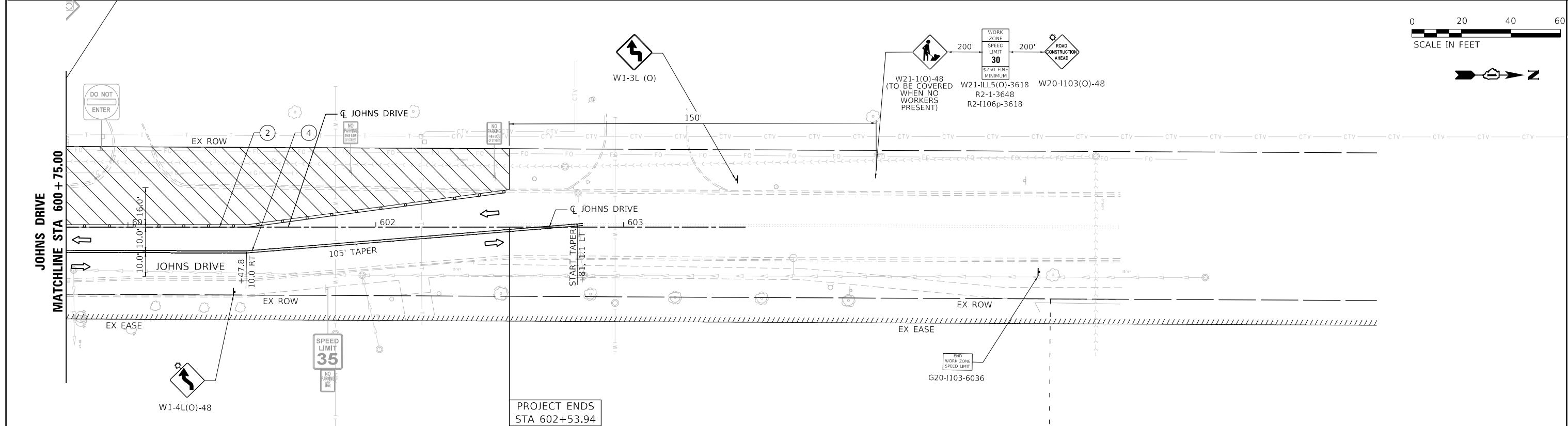
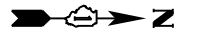
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 FILE NAME: 132547_SHT NOT-STG2_03.dgn



SCALE IN FEET



SCALE IN FEET



LEGEND		DRAWING SYMBOLS		TEMPORARY PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING	
	WORK AREA		DRUMP OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)	②	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)	⑥	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
	ARROW BOARD		DIRECTION OF TRAVEL	③	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)	⑦	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		DIRECTION OF TRAVEL	④	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)	⑧	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	TYPE III BARRICADE	①	EXISTING PAVEMENT MARKING	⑤	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)	⑨	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)



USER NAME =	hsummers	DESIGNED	HS	REVISED	
DRAWN	HS	REVISION			
PLOT SCALE =	40,0000' / in.	CHECKED	JA	REVISION	
PLOT DATE =	2/15/2022	DATE	2/14/2021	REVISION	

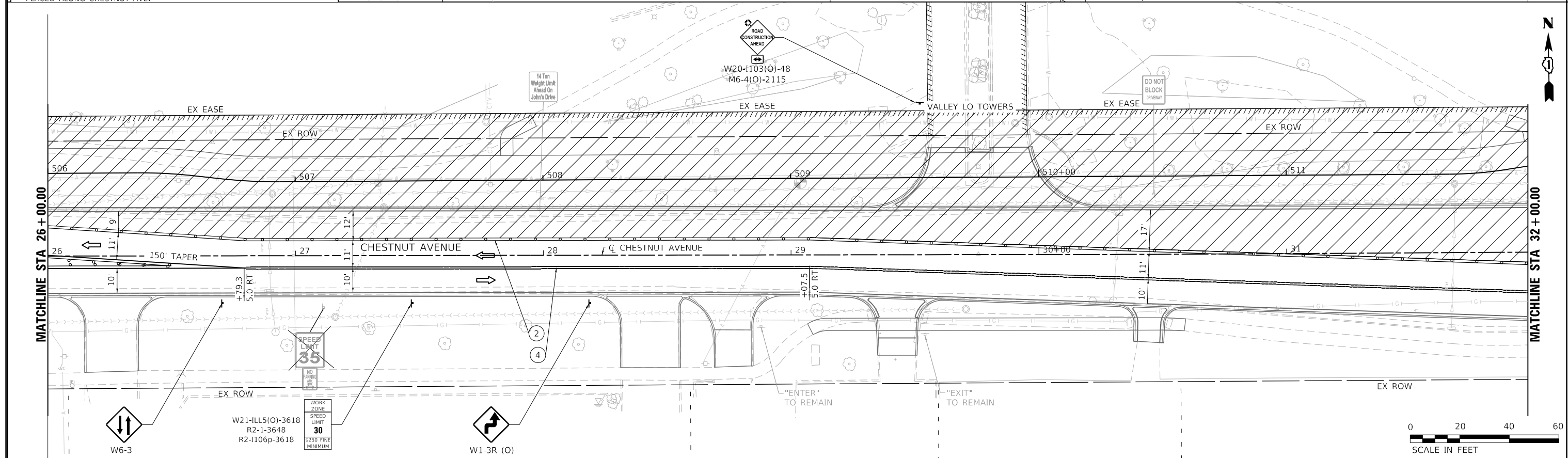
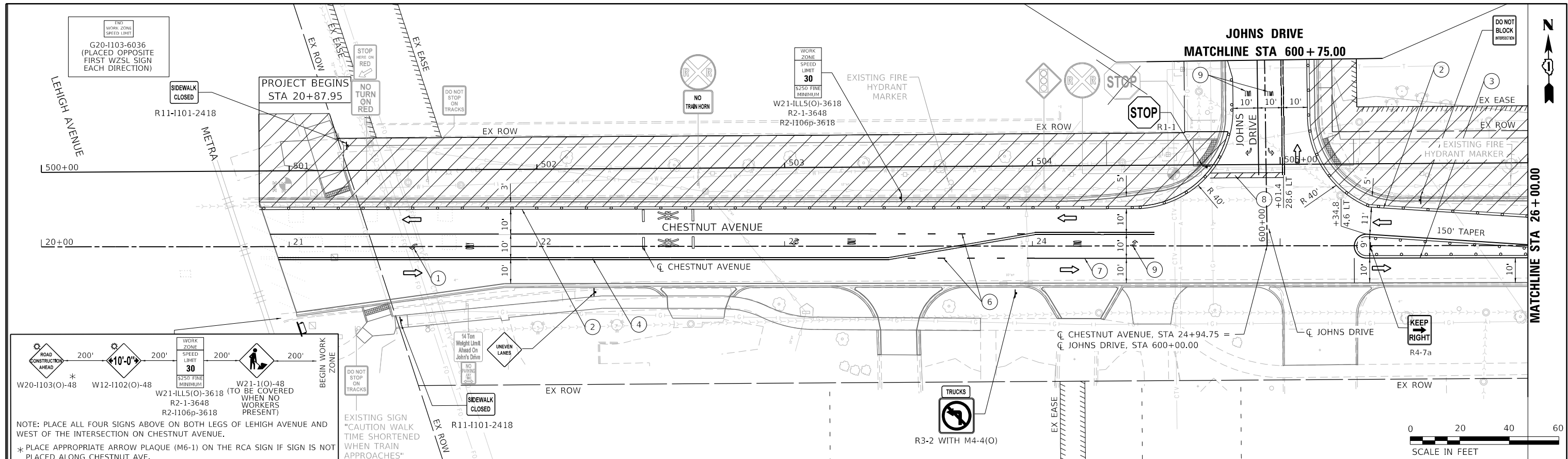
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 600+00 TO STA. 602+53.94

F.A.U. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	54
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

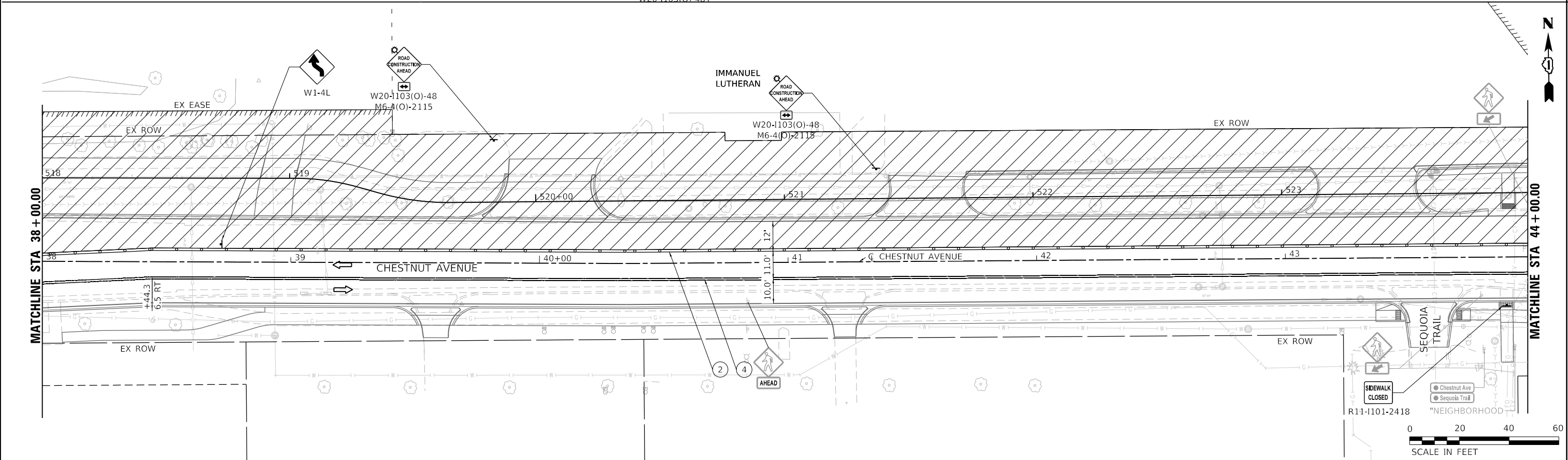
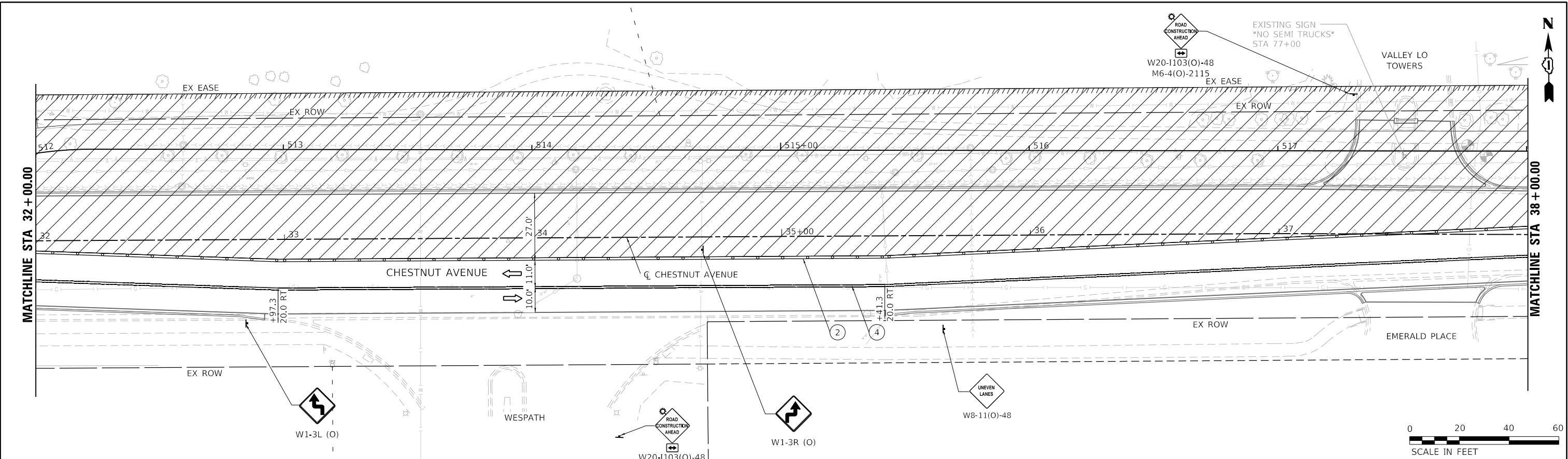
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LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		EXISTING PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	TYPE III BARRICADE		DRUMP OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		
	DIRECTION OF TRAVEL				

	USER NAME = hsummers	DESIGNED HS	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 3		F.A.U. RTE. = 1352	SECTION = 15-00190-00-PV	COUNTY = COOK	TOTAL SHEETS = 151	SHEET NO. = 55	
	PLOT SCALE = 40,000' / in.	CHECKED JA	REVISED		SCALE: 1"=20'	SHEET 1 OF 4 SHEETS	STA. 20+87.95 TO STA. 32+00	CONTRACT NO. 61H71				
	PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED		ILLINOIS FED. AID PROJECT							

MODEL: D:\mtd\1352\1352_001.dwg
 FILE NAME: 1352_001.dwg



LEGEND		DRUMP OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
	DIRECTION OF TRAVEL		ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		DIRECTION OF TRAVEL		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	TYPE III BARRICADE		EXISTING PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)



USER NAME = htsimmers	DESIGNED HS	REVISED
PLOT SCALE = 40,000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

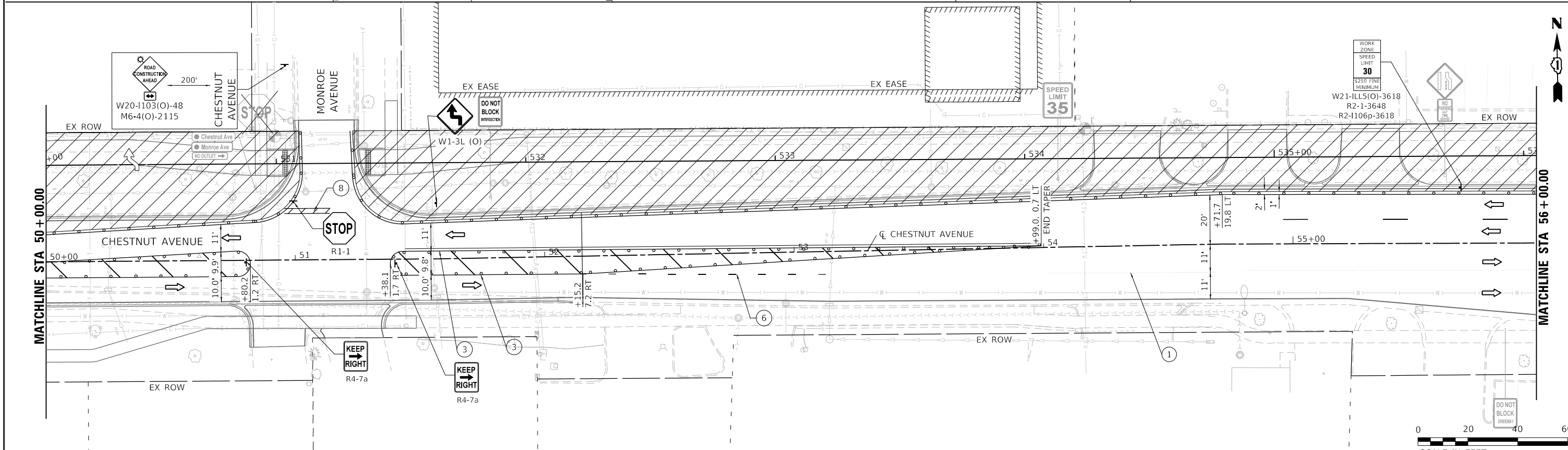
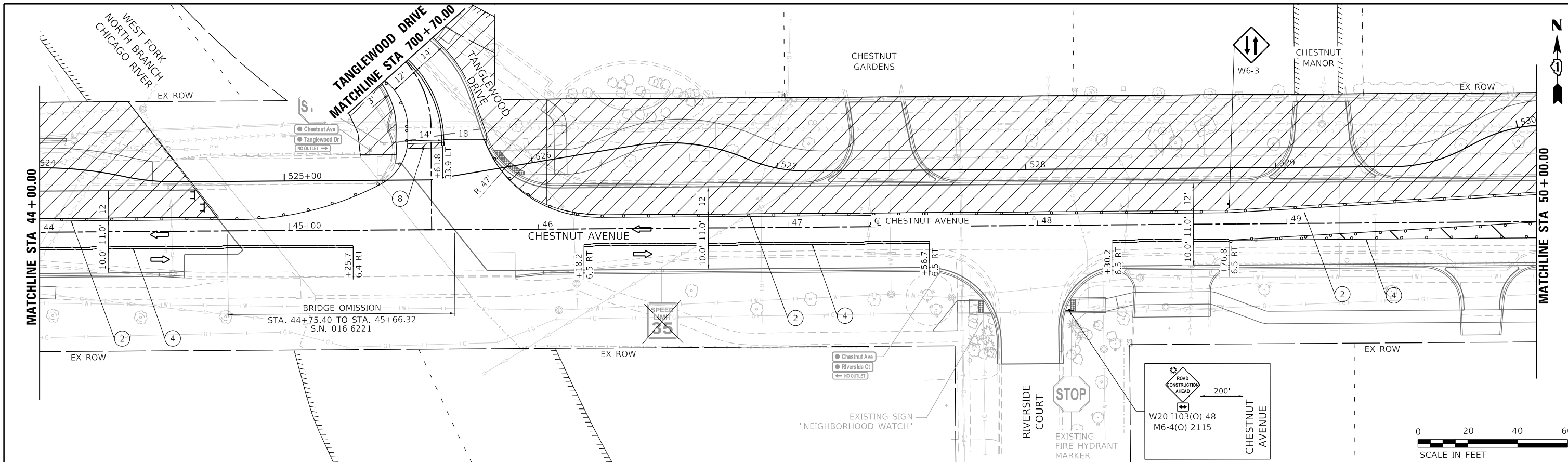
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 32+00 TO STA. 44+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 56
ILLINOIS FED. AID PROJECT				CONTRACT NO. 61H71

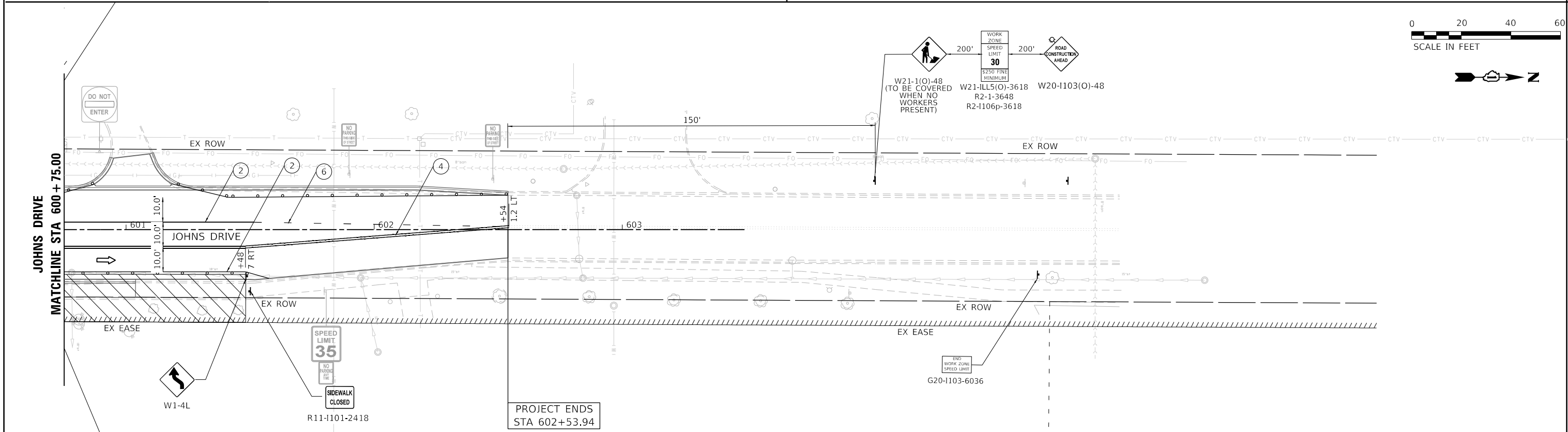
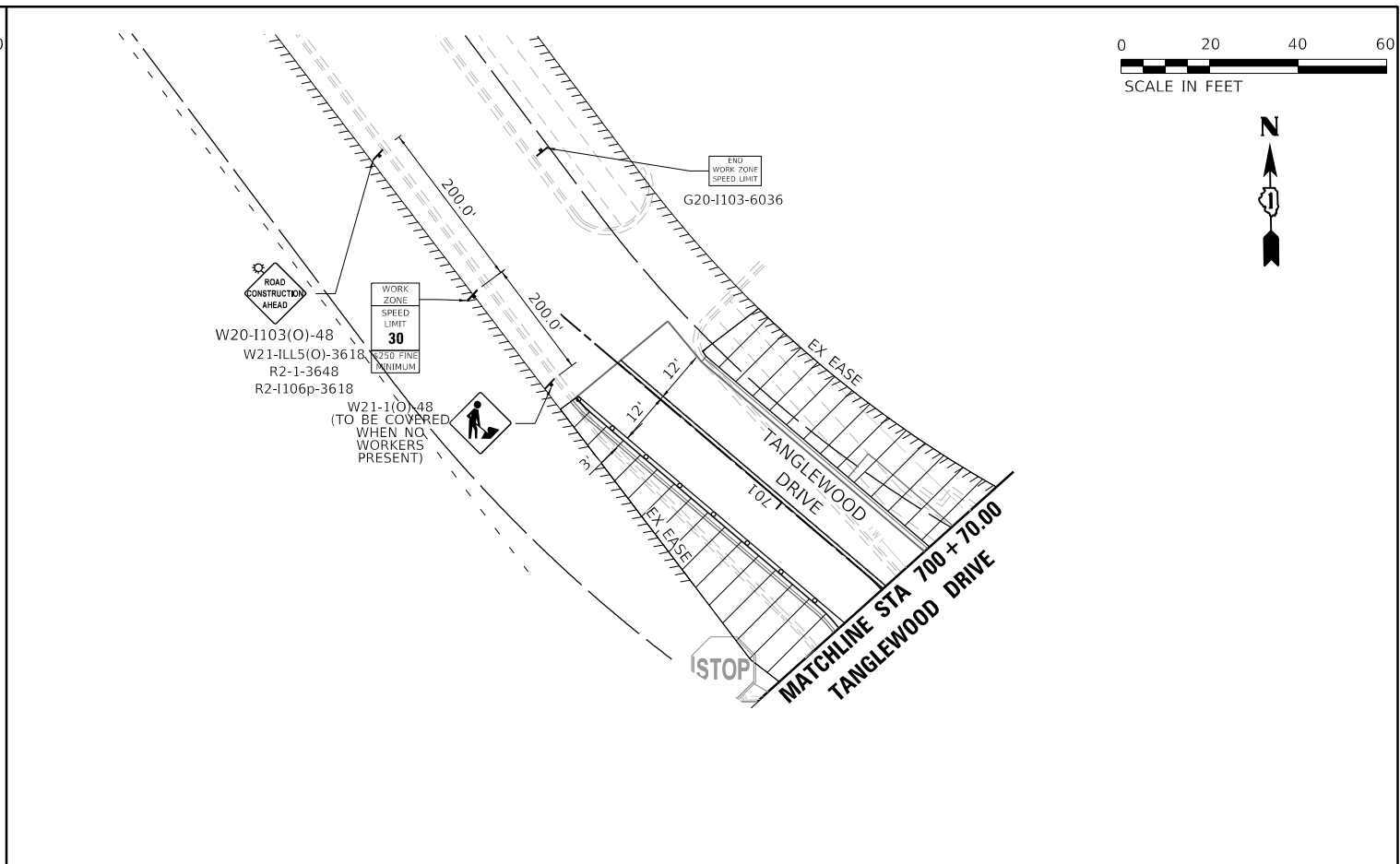
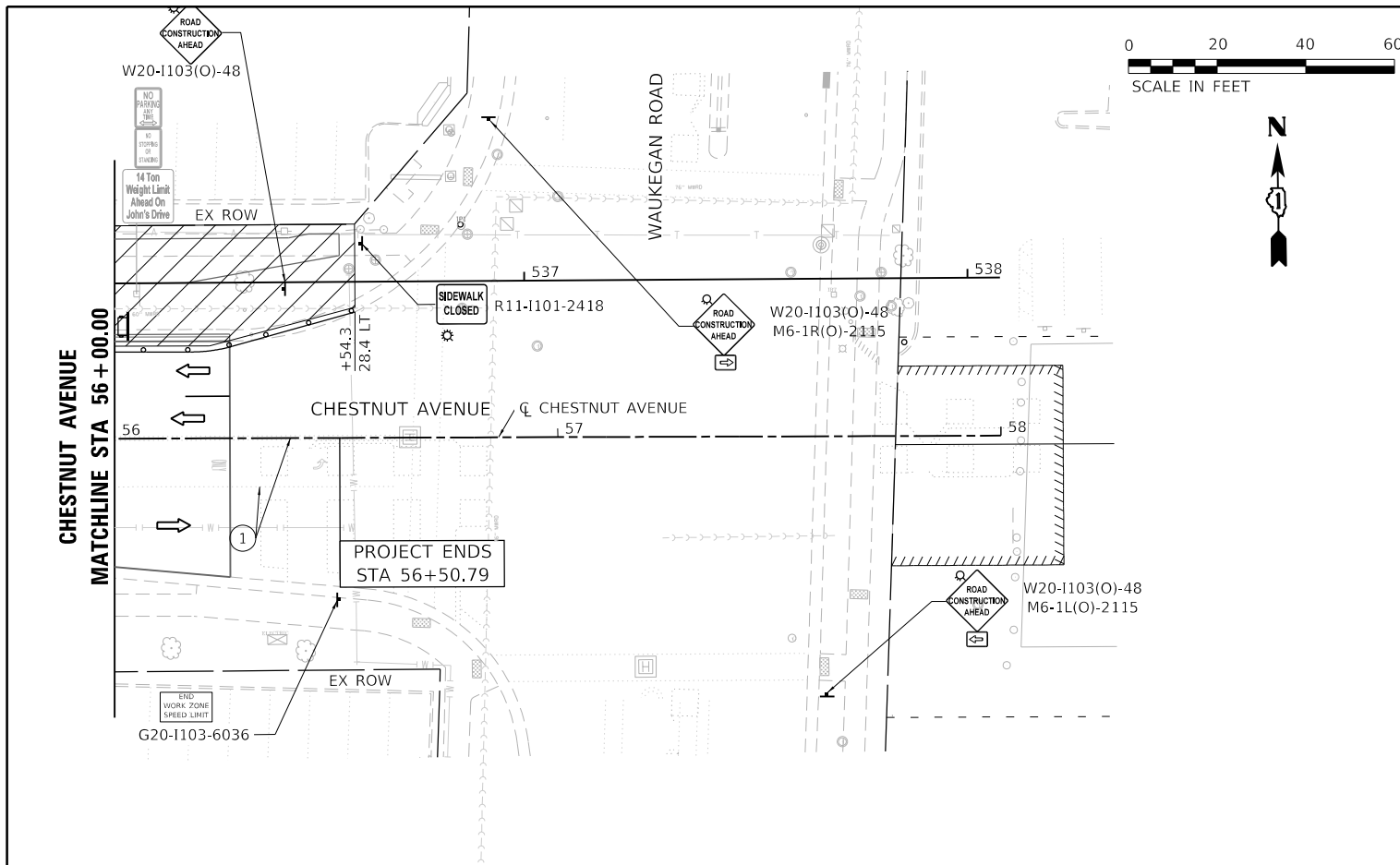
MODEL: D:\mtd\out FILE NAME: 132547_SIT NOT-51G3_02.dgn



LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	TYPE III BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	DRUM OR TYPE II BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	MESSAGE BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	TYPE III BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	DIRECTION OF TRAVEL		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	EXISTING PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)

	USER NAME = hsummers	DESIGNED HS	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 3		F.A.U. RTE. = 1352	SECTION = 15-00190-00-PV	COUNTY = COOK	TOTAL SHEETS = 151	SHEET NO. = 57
	PLOT SCALE = 40,000' / in.	CHECKED JA	REVISED				SCALE: 1"=20'	SHEET 3 OF 4 SHEETS	STA. 44+00 TO STA. 56+00	CONTRACT NO. 61H71	
	PLOT DATE = 2/15/2022	DATE = 2/14/2021	REVISED								

MODEL: D:\mtn\132547_SIT NOT-STG3_03.dgn
 FILE NAME: 132547_SIT NOT-STG3_03.dgn



LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
	ARROW BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	TYPE III BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	DRUM OR TYPE II BARRICADE		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	DIRECTION OF TRAVEL		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	EXISTING PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)



USER NAME = hsummers	DESIGNED HS	REVISED
PLOT SCALE = 40,0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

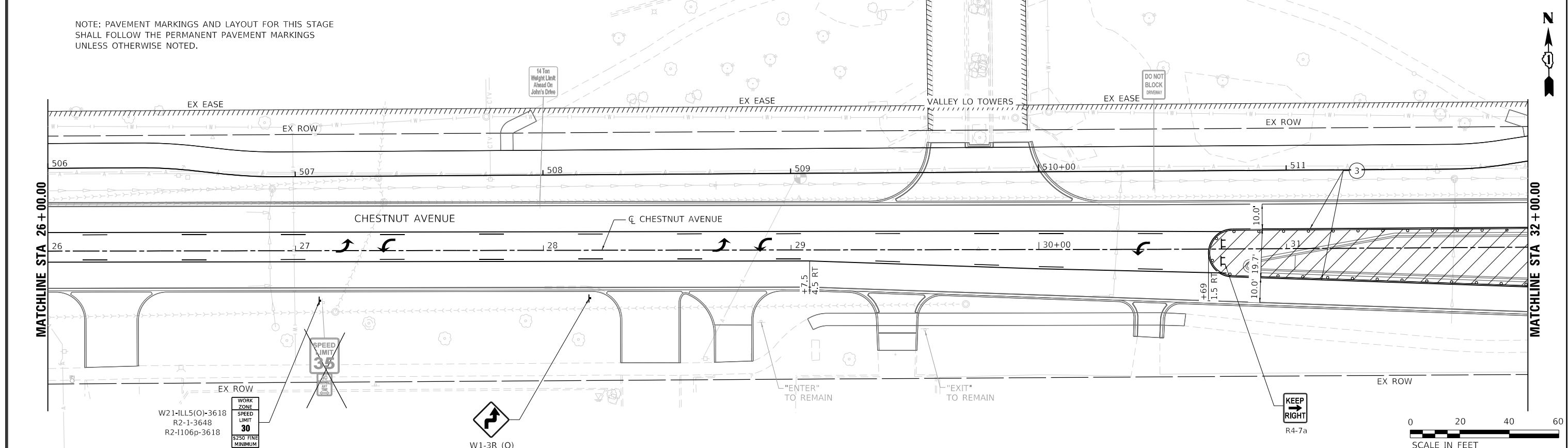
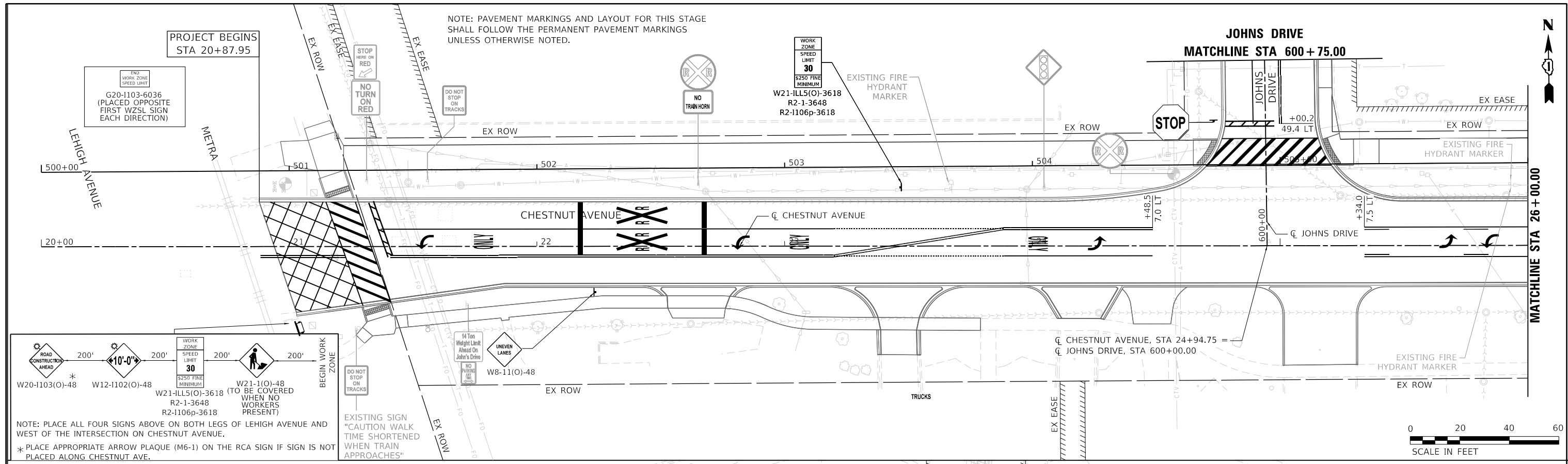
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 3**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 600+00 TO STA. 602+53.94

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 58
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

MODEL: D:\mtd\out\132547.sht NOT-5163_04.dgn



LEGEND		DRAWN		DESIGNED		REVIS		STATE OF ILLINOIS		MAINTENANCE OF TRAFFIC		F.A.U. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.																
	WORK AREA		DRUM OR TYPE II BARRICADE		ARROW BOARD		MESSAGE BOARD		TYPE III BARRICADE		DIRECTION OF TRAVEL		EXISTING PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)	1352	15-00190-00-PV	COOK	151	59
	USER NAME = hsummers		DESIGNED HS		DRAWN HS		REVIS		CHECKED JA		DATE 2/14/2021		SCALE: 1"=20'		SHEET 1 OF 4 SHEETS		STA. 20+87.95 TO STA. 32+00		CONTRACT NO. 61H71		ILLINOIS	FED. AID PROJECT														

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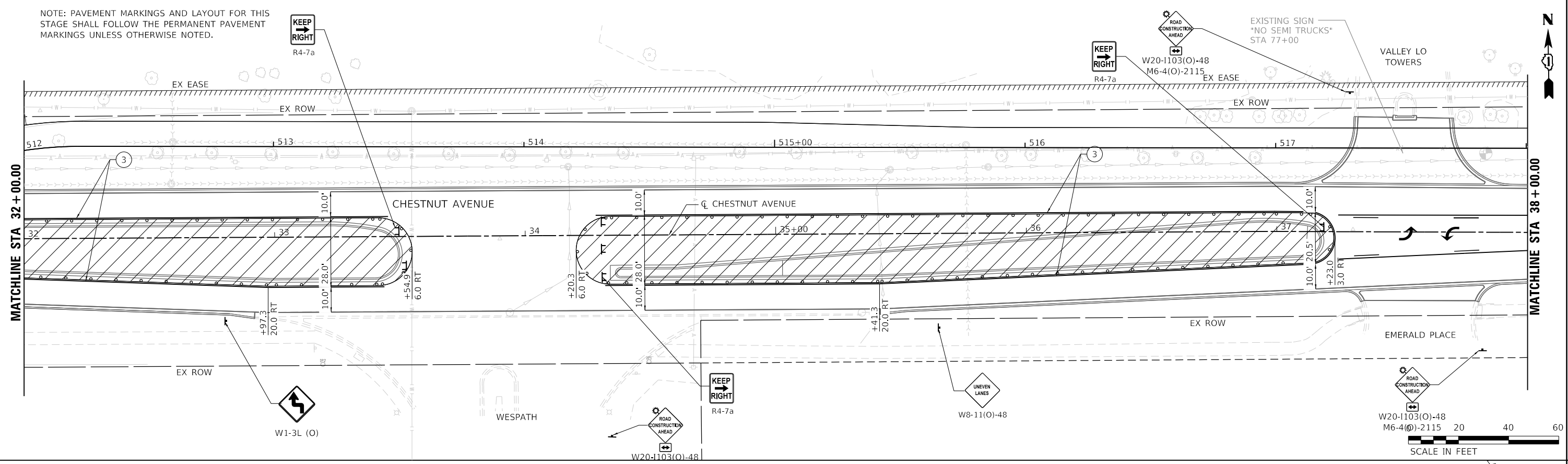


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 4

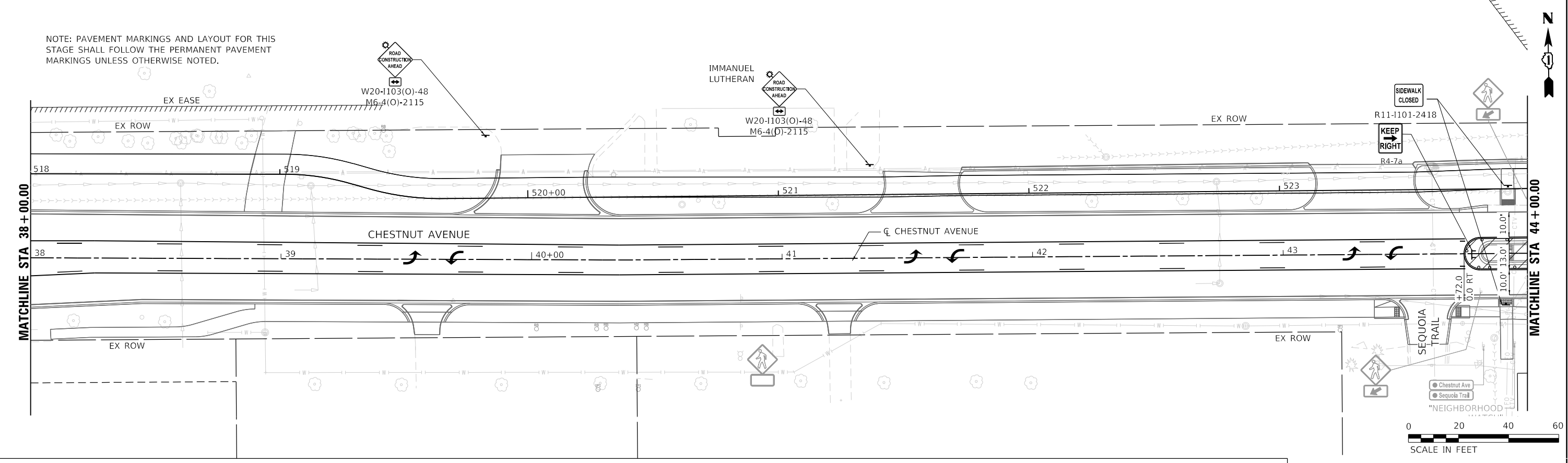
F.A.U. RTE. 1352
SECTION 15-00190-00-PV
COUNTY COOK
TOTAL SHEETS 151
SHEET NO. 59
CONTRACT NO. 61H71
ILLINOIS FED. AID PROJECT

NOTE: PAVEMENT MARKINGS AND LAYOUT FOR THIS STAGE SHALL FOLLOW THE PERMANENT PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.



SCALE IN FEET

NOTE: PAVEMENT MARKINGS AND LAYOUT FOR THIS STAGE SHALL FOLLOW THE PERMANENT PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.



SCALE IN FEET

LEGEND		DRUMP OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		DIRECTION OF TRAVEL		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	ARROW BOARD		DIRECTION OF TRAVEL		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)		TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	MESSAGE BOARD		EXISTING PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)
	TYPE III BARRICADE				TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)		TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)



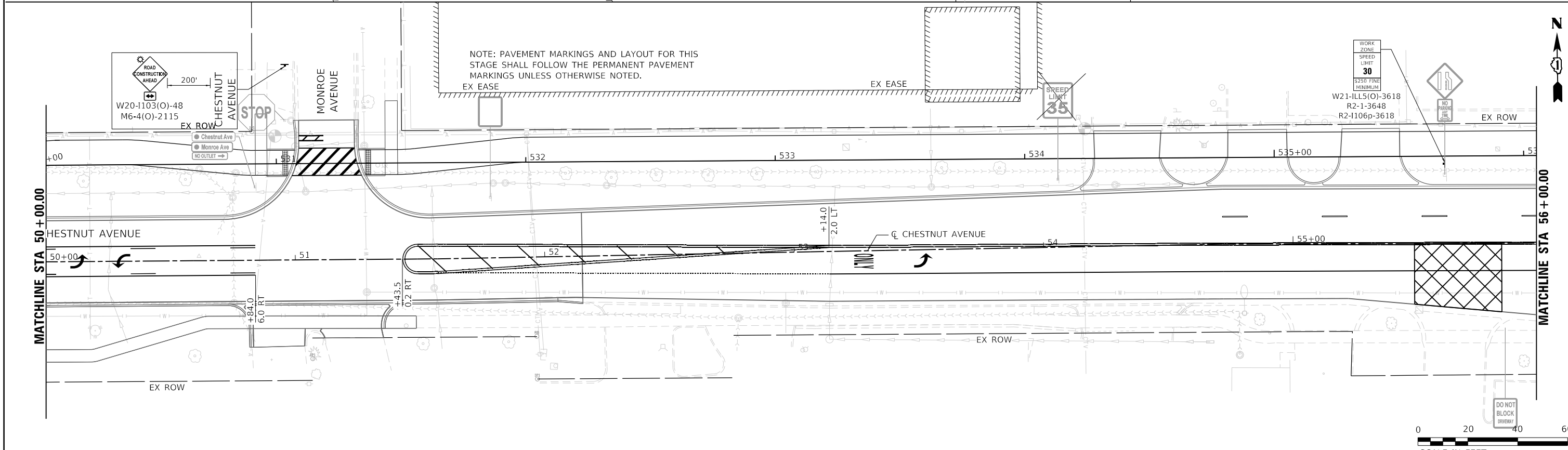
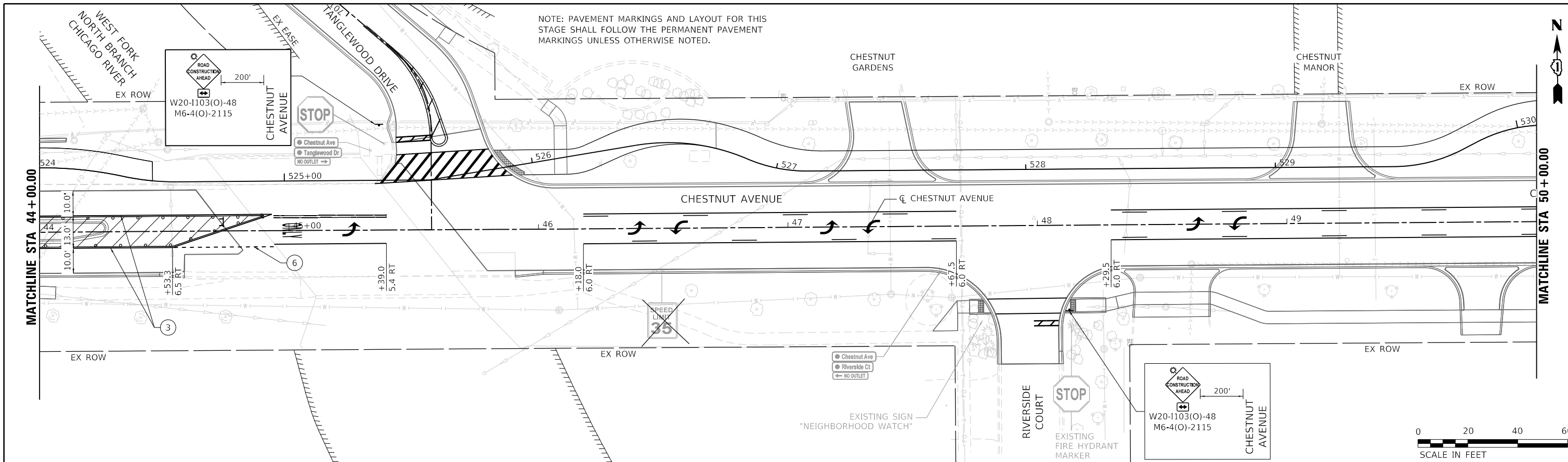
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PLOT SCALE = 40,000' / in.	DRAWN HS	REVISOR
PLOT DATE = 2/15/2022	CHECKED JA	REVISOR
	DATE 2/14/2021	REVISOR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 4
SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 32+00 TO STA. 44+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	60
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

MODEL: D:\mtd\1352\15-00190-00-PV\15-00190-00-PV-02.dwg



NOTE: PAVEMENT MARKINGS AND LAYOUT FOR THIS STAGE SHALL FOLLOW THE PERMANENT PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.

NOTE: PAVEMENT MARKINGS AND LAYOUT FOR THIS STAGE SHALL FOLLOW THE PERMANENT PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.

LEGEND	
	WORK AREA
	DRUMP OR TYPE II BARRICADE SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)
	MESSAGE BOARD
	TYPE III BARRICADE
	DIRECTION OF TRAVEL
	EXISTING PAVEMENT MARKING
	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW)
	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE, 30' SKIP - 10' DASH)
	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)
	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (SOLID WHITE)
	TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS - TYPE IV TAPE (WHITE)



USER NAME = hsummers	DESIGNED HS	REVISED
PLOT SCALE = 40,000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

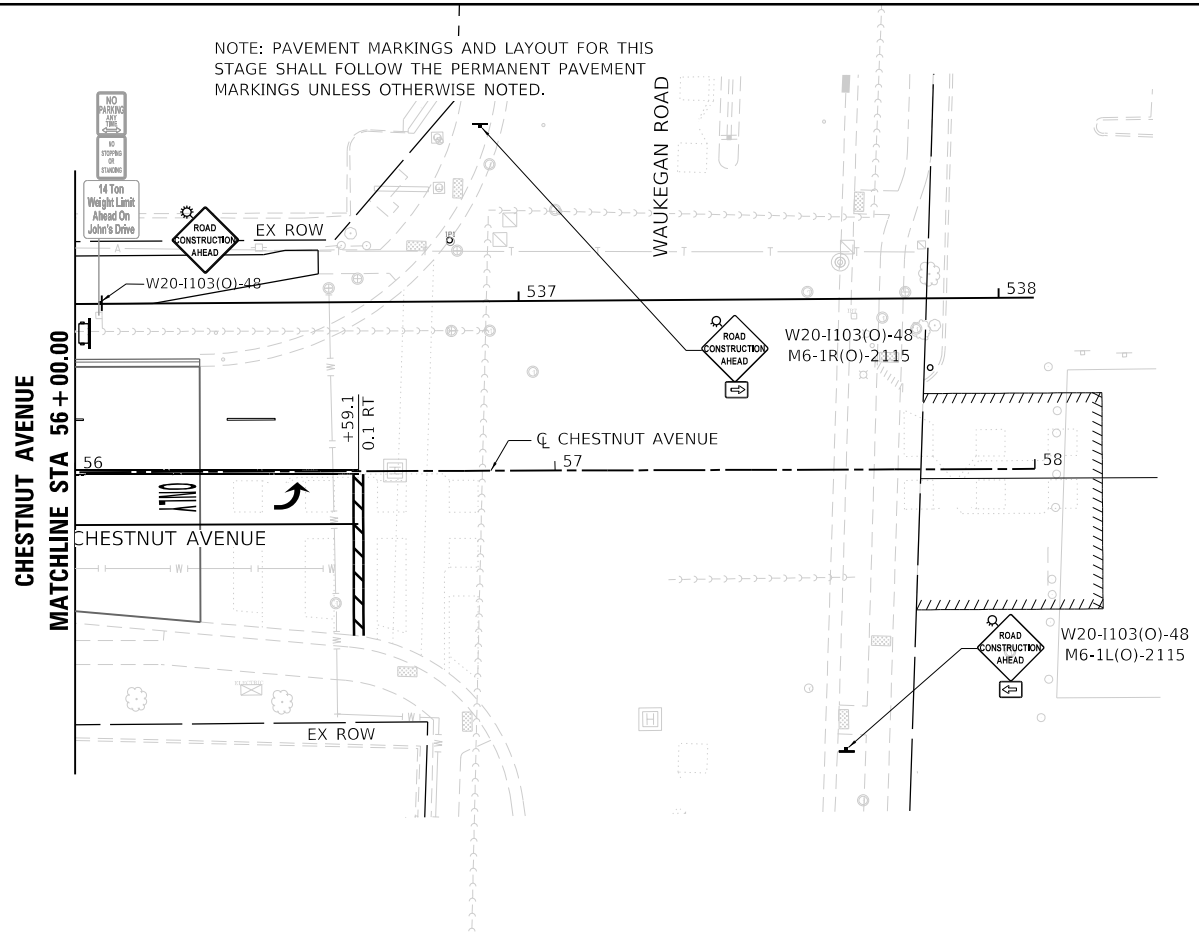
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 4
SCALE: 1"=20'
SHEET 3 OF 4 SHEETS
STA. 44+00 TO STA. 56+00

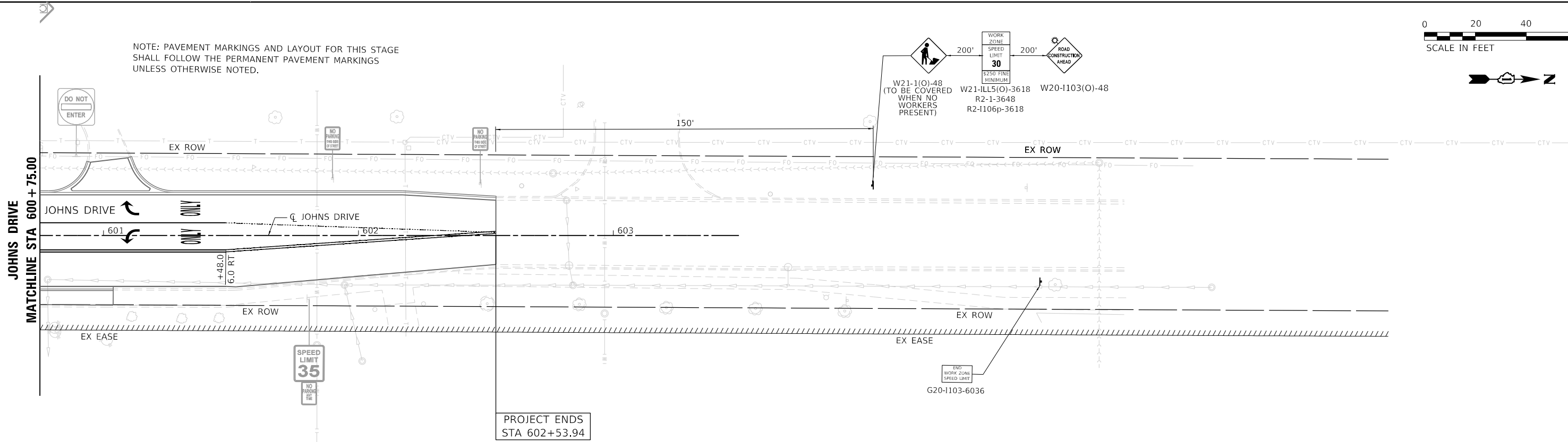
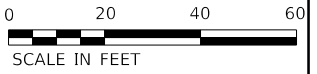
F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 61
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

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FILE NAME: 132547_SIT NOT-STG4_03.dgn

NOTE: PAVEMENT MARKINGS AND LAYOUT FOR THIS STAGE SHALL FOLLOW THE PERMANENT PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.



NOTE: PAVEMENT MARKINGS AND LAYOUT FOR THIS STAGE SHALL FOLLOW THE PERMANENT PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.



LEGEND		TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)		TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE, 6' SKIP - 2' DASH)	
	WORK AREA		②		⑥
	ARROW BOARD		③		⑦
	MESSAGE BOARD		④		⑧
	TYPE III BARRICADE		⑤		⑨
	DRUMP OR TYPE II BARRICADE		①		
	DIRECTION OF TRAVEL				
	SPACED 50' C-C EXCEPT: TAPERS (20' C-C); RADII (10' C-C)				



USER NAME = htsommers	DESIGNED HS	REVISED
PLOT SCALE = 40,0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 4	
SCALE: 1"=20'	SHEET 4 OF 4 SHEETS
STA. 600+00	TO STA. 602+53.94

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 62
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

MODEL: D:\mtd\15\15-00190-00-PV\15-00190-00-PV.dwg

EROSION CONTROL GENERAL NOTES

1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
2. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.
3. STOCKPILES AND MATERIAL STORAGE ARE PROHIBITED IN SPECIAL MANAGEMENT AREAS INCLUDING WETLANDS, FLOOD PLAINS, AND BUFFERS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.
4. RECEPTACLES FOR CONSTRUCTION DEBRIS, INCLUDING CONCRETE TRUCK WASHOUT WASTE, SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR. THESE WILL NOT BE ALLOWED IN SPECIAL MANAGEMENT AREAS. RECEPTACLES AND THEIR LOCATIONS MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.
5. HAY OR STRAW BALES WILL NOT BE ALLOWED AS PERIMETER EROSION BARRIER OR AS A DITCH CHECK.
6. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
7. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
8. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
9. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
10. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
11. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.
12. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
13. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
14. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS.
15. ALL PROVISIONS FOR THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WILL COMPLY WITH ALL THE CONDITIONS STIPULATED IN THE GENERAL NPDES PERMIT NO. ILR10 EFFECTIVE.
16. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE PHASED PRIOR TO THE COMMENCEMENT OF ANY UPLAND DISTURBANCE. SOIL DISTURBANCE SHALL BE PHASED AND CONSTRUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION.
17. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED, AT A MINIMUM, ACCORDING TO THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE ILLINOIS URBAN MANUAL, REVISED TO THE LATEST EDITION AS AMENDED. A COPY OF THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IN CONJUNCTION WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
18. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY IDOT OR COOK COUNTY.
19. THE INSTALLATION, MAINTENANCE, REMOVAL AND RESTORATION OF THE AREA DISTURBED BY THE PLACEMENT OF THE PERIMETER EROSION BARRIER ARE INCLUDED IN THE CONTRACT UNIT PRICE FOR PERIMETER EROSION BARRIER. AREAS DAMAGED BY THE PLACEMENT OF THE PERIMETER EROSION BARRIER WILL BE RESTORED AFTER ALL PERIMETER EROSION BARRIER IS REMOVED.
20. THE CONTRACTOR SHALL CLEAN UP AND GRADE THE WORK AREA AS THE PROJECT PROGRESSES TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR SHALL INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT SHALL BE CLEANED DAILY TO REMOVE EARTHEN MATERIAL TO THE SATISFACTION OF THE RESIDENT ENGINEER.
21. ALL STORM SEWER INLET STRUCTURES SHALL BE PROTECTED WITH STORM SEWER INLET FILTERS AND INSTALLED PER MANUFACTURER SPECIFICATIONS.
22. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
23. CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED TO MINIMIZE THE TIME SOIL IS EXPOSED AND UNPROTECTED. IN NO CASE SHALL THE EXISTING VEGETATION BE DESTROYED, REMOVED, OR DISTURBED MORE THAN FOURTEEN (14) DAYS PRIOR TO THE INITIATION OF IMPROVEMENTS.
24. TEMPORARY AND/OR PERMANENT SOIL STABILIZATION (VEGETATION OR HARDSCAPE) SHALL BE APPLIED TO EXPOSED AREAS AS SOON AS POSSIBLE. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES. QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL. QUALIFIED PERSONNEL ARE PERSONS KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS A LICENSED PROFESSIONAL ENGINEER, A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC), A CERTIFIED EROSION SEDIMENT AND STORMWATER INSPECTOR (CESSWI), OR OTHER KNOWLEDGEABLE PERSON WHO POSSESS THE SKILLS TO ASSESS CONDITIONS AT THE CONSTRUCTION SITE THAT COULD IMPACT STORMWATER QUALITY AND MEASURES SELECTED TO CONTROL THE QUANTITY OF STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITIES.
25. THE CONTRACTOR SHALL MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN (7) DAYS OF THE FOLLOWING: DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED; STRUCTURAL CONTROL MEASURES, INCLUDING BUT NOT LIMITED TO, SILT FENCE AND DITCH CHECKS; LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE.
26. THE CONTRACTOR SHALL KEEP A WRITTEN REPORT SUMMARIZING THE REQUIRED INSPECTION EACH TIME AN INSPECTION TAKES PLACE. THE REPORTS MUST BE RETAINED FOR THREE (3) YEARS FROM THE DATE THAT THE NPDES ILR10 PERMIT COVERAGE EXPIRES OR IS TERMINATED. THE CONTRACTOR MUST COOPERATE WITH ANY AGENTS WHO MAKE THE SITE VISITS TO REVIEW COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN THE FIELD AND AUDIT THE LOGS AND RECORDS REQUIRED BY THE PERMIT.
27. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE (3) DAYS, THEN SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR SAID STOCKPILE. SEDIMENT AND EROSION CONTROL MAY BE COMPRISED OF SILT FENCE SURROUNDING THE STOCKPILE OR A COVERING OVER THE STOCKPILE.
28. IF THE VOLUME, VELOCITY, SEDIMENT LOAD OR PEAK FLOW RATES OF STORMWATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION THEN PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM SUCH DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION.
29. THE CONTRACTOR SHALL CONSULT WITH A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL FOR THE MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES.
30. DUST SHALL BE CONTROLLED BY THE UNIFORM APPLICATION OF WATER BY THE CONTRACTOR.
31. ANY INLET PROTECTION SHALL BE CONSTRUCTED BEFORE LAND DISTURBANCE BEGINS.
32. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TEMPORARY DRAINAGE DURING THE PROJECT. DAMAGE TO THE SUBGRADE, EXISTING FACILITIES AND/OR CONSTRUCTED WORK WILL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER AT NO ADDITIONAL COST. ANY ALTERATIONS OR ADDITIONS TO THE EXISTING SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED TO THE COUNTY FOR APPROVAL AND EITHER ADDED TO THE EXISTING PLAN OR UTILIZED IN PLACE OF THE EXISTING PLAN.
33. ALL OTHER SOIL EROSION CONTROL DEVICES AND MEASURES DEEMED NECESSARY BY THE INSPECTOR OR COUNTY SHALL BE IMPLEMENTED IMMEDIATELY UPON NOTIFICATION.

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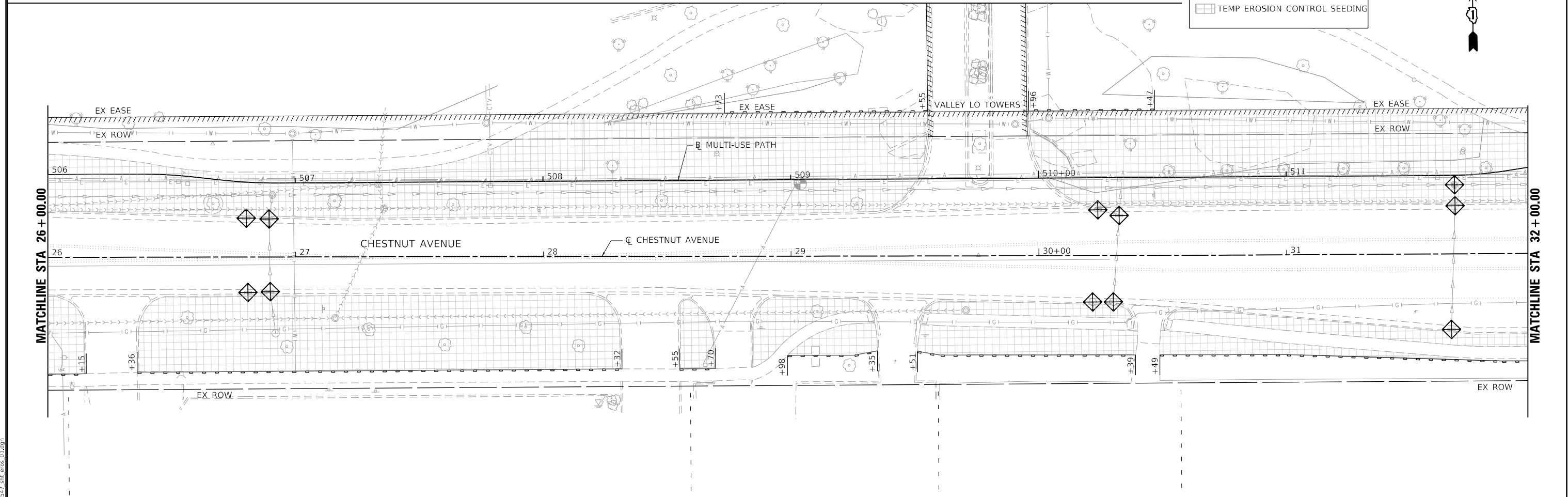
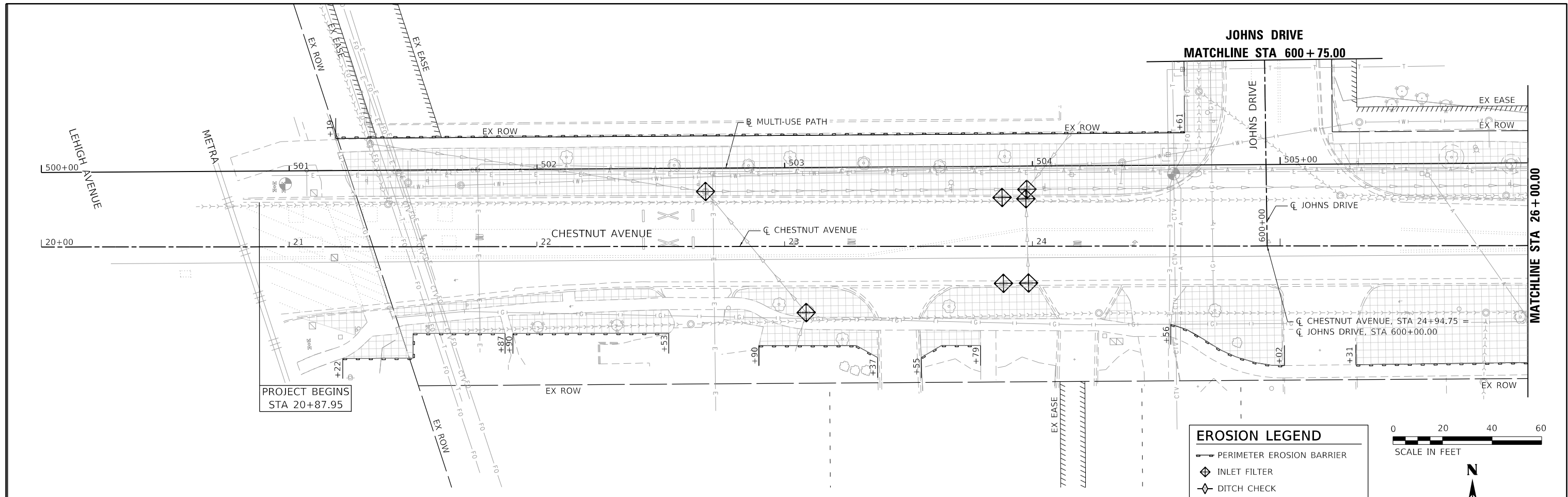
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS
GENERAL NOTES**

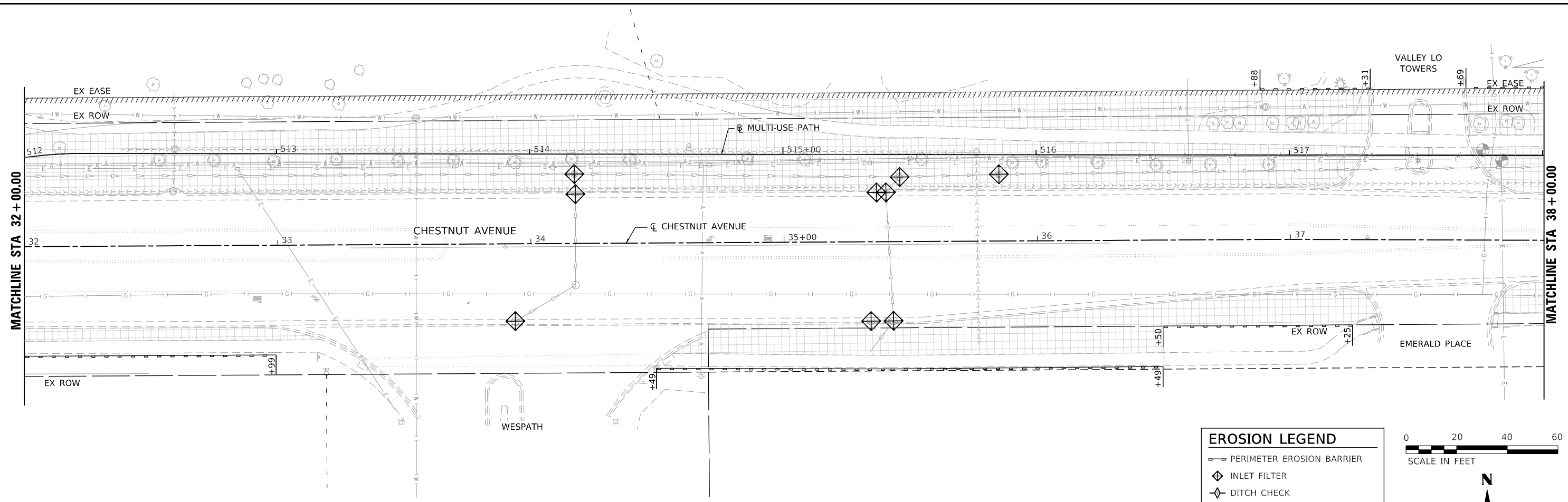
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	63
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



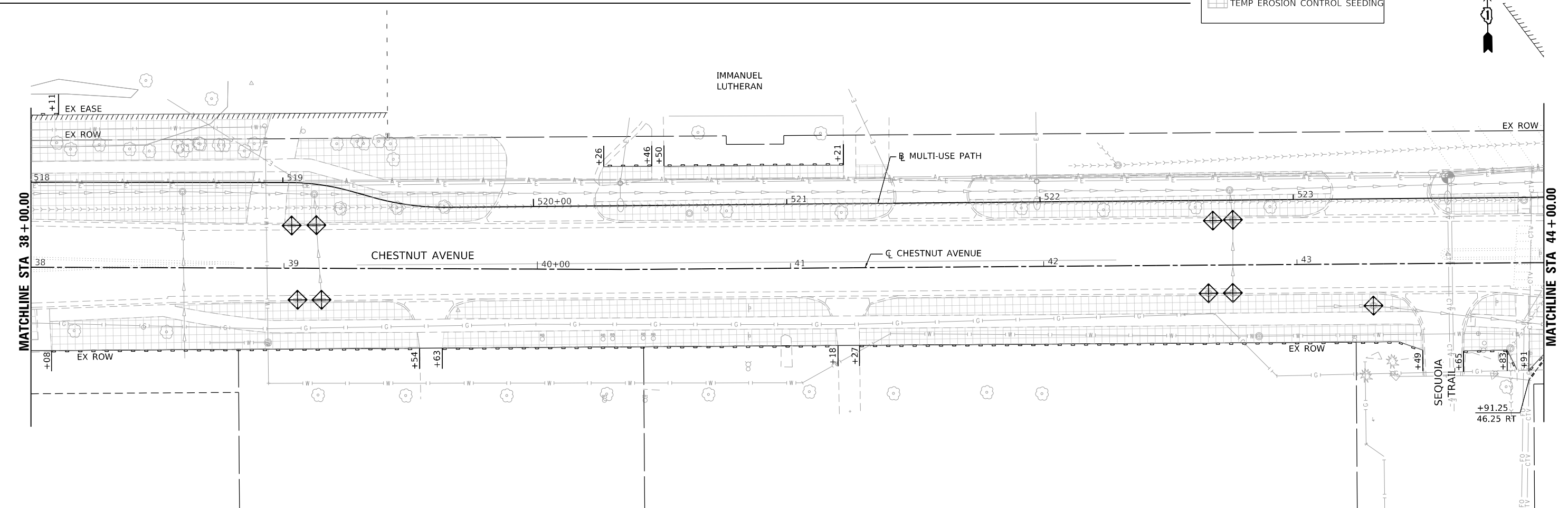
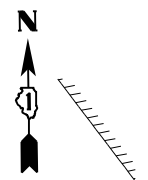
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	PLOT SCALE = 40,0000' / in.	CHECKED JA	REVISED			SCALE: 1"=20'	SHEET 2 OF 5 SHEETS	STA. 20+00 TO STA. 32+00	CONTRACT NO. 61H71	
	PLOT DATE = 2/15/2022	DATE = 2/14/2021	REVISED							



EROSION LEGEND

- PERIMETER EROSION BARRIER
- INLET FILTER
- DITCH CHECK
- TEMP EROSION CONTROL SEEDING



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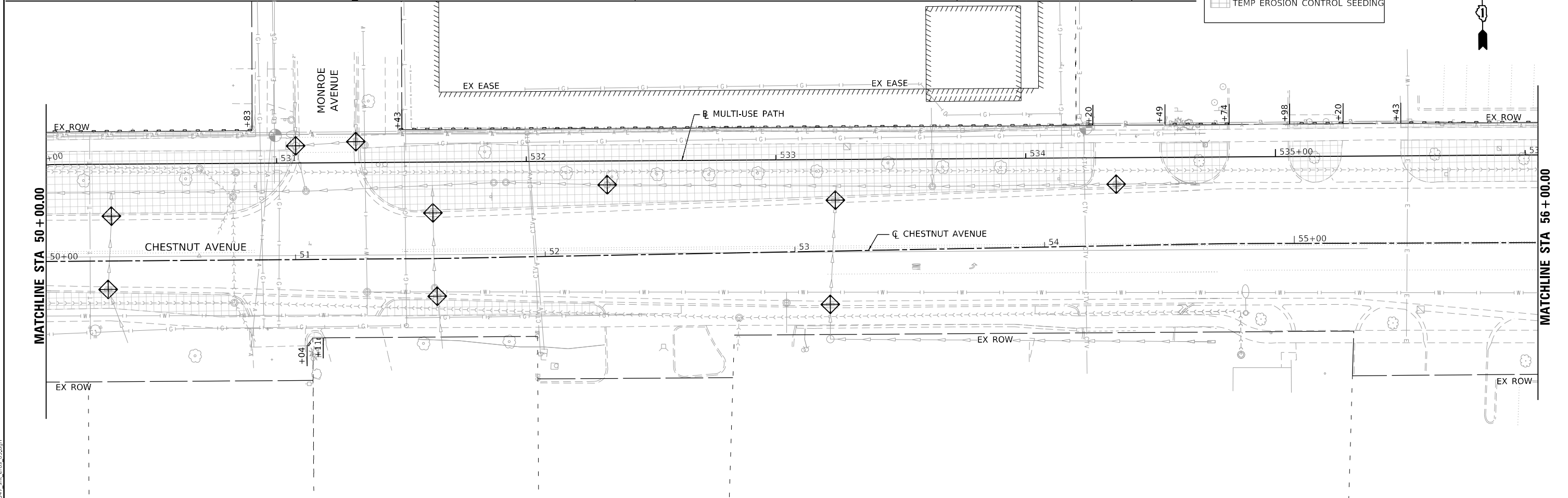
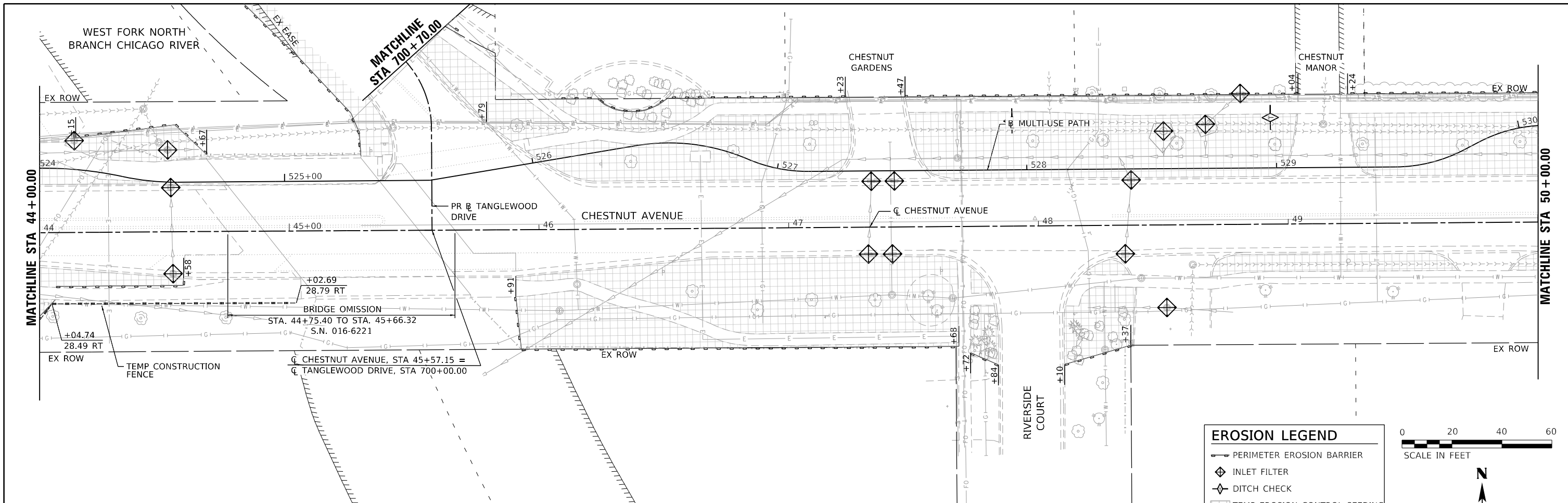


USER NAME = htsommers	DESIGNED JA	REVISED
PLOT SCALE = 40,0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLANS		
CHESTNUT AVENUE		
SCALE: 1"=20'	SHEET 2 OF 4 SHEETS	STA. 32+00 TO STA. 44+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 65
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



EROSION LEGEND

- PERIMETER EROSION BARRIER
- INLET FILTER
- DITCH CHECK
- TEMP EROSION CONTROL SEEDING

0 20 40 60
SCALE IN FEET

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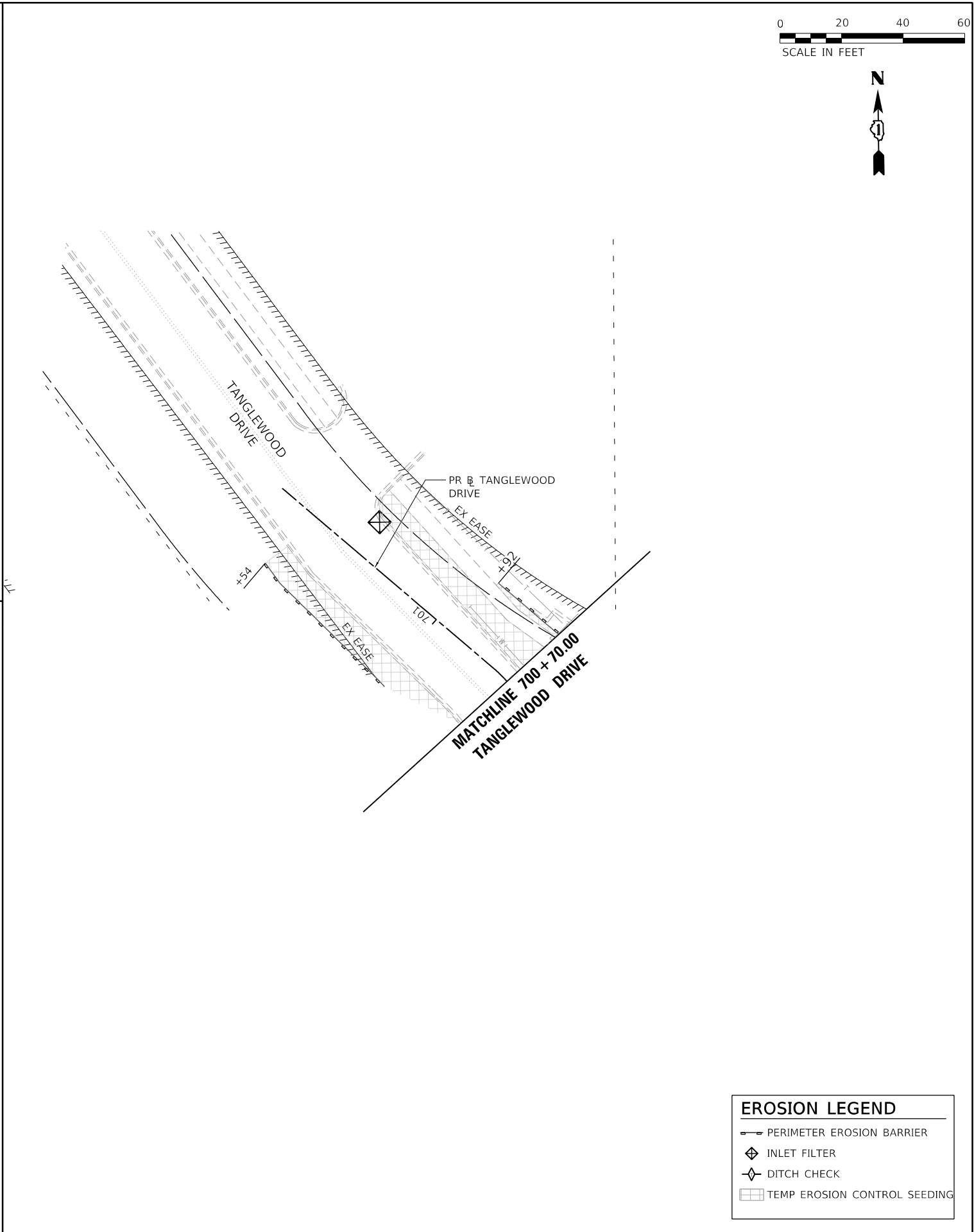
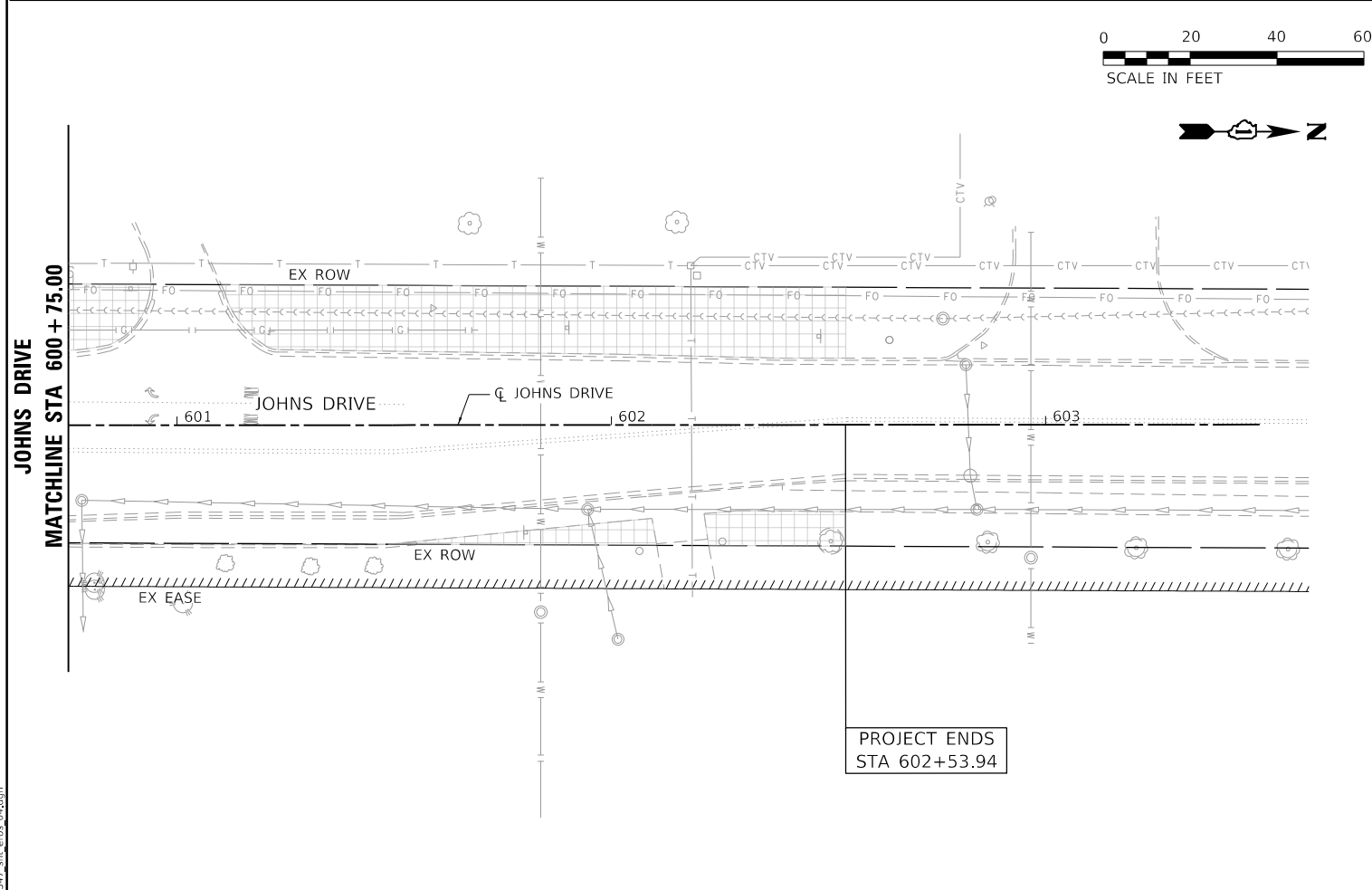
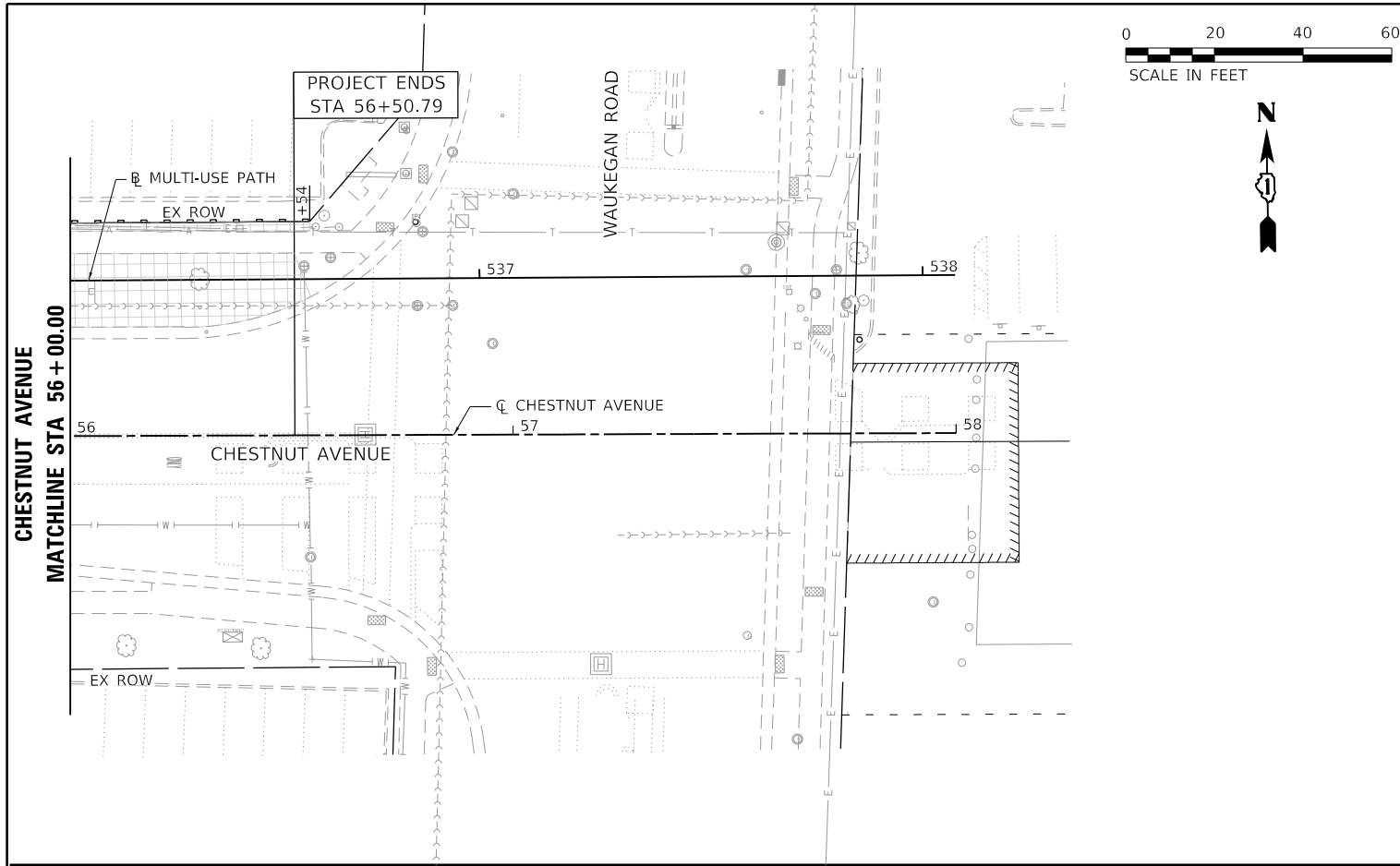
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DRAWN HS	REVISIONS	
PLOT SCALE = 40,0000' / in.	CHECKED JA	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS
CHESTNUT AVENUE**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 44+00 TO STA. 56+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 66
				CONTRACT NO. 61H71
ILLINOIS FED. AID PROJECT				



EROSION LEGEND	
	PERIMETER EROSION BARRIER
	INLET FILTER
	DITCH CHECK
	TEMP EROSION CONTROL SEEDING

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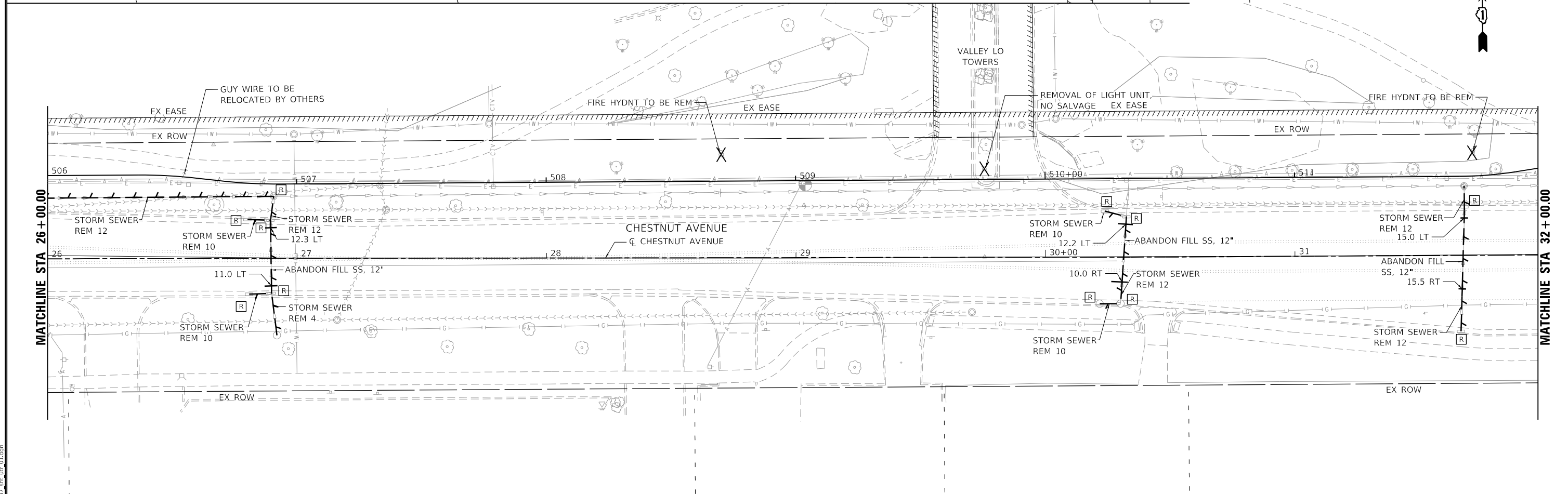
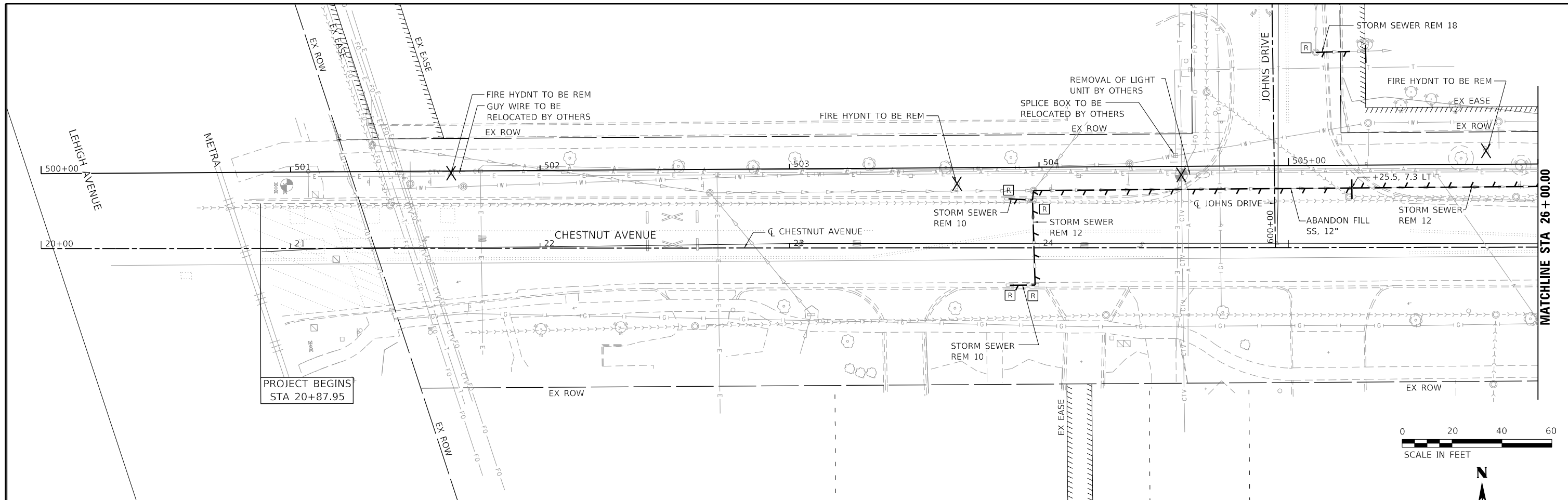
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLANS
CHESTNUT AVENUE, JOHNS DRIVE AND TANGLEWOOD DRIVE

F.A.U. RTE. = 1352	SECTION = 15-00190-00-PV	COUNTY = COOK	TOTAL SHEETS = 151	SHEET NO. = 67
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 56+00 TO STA. 56+50.79



MODEL: Default
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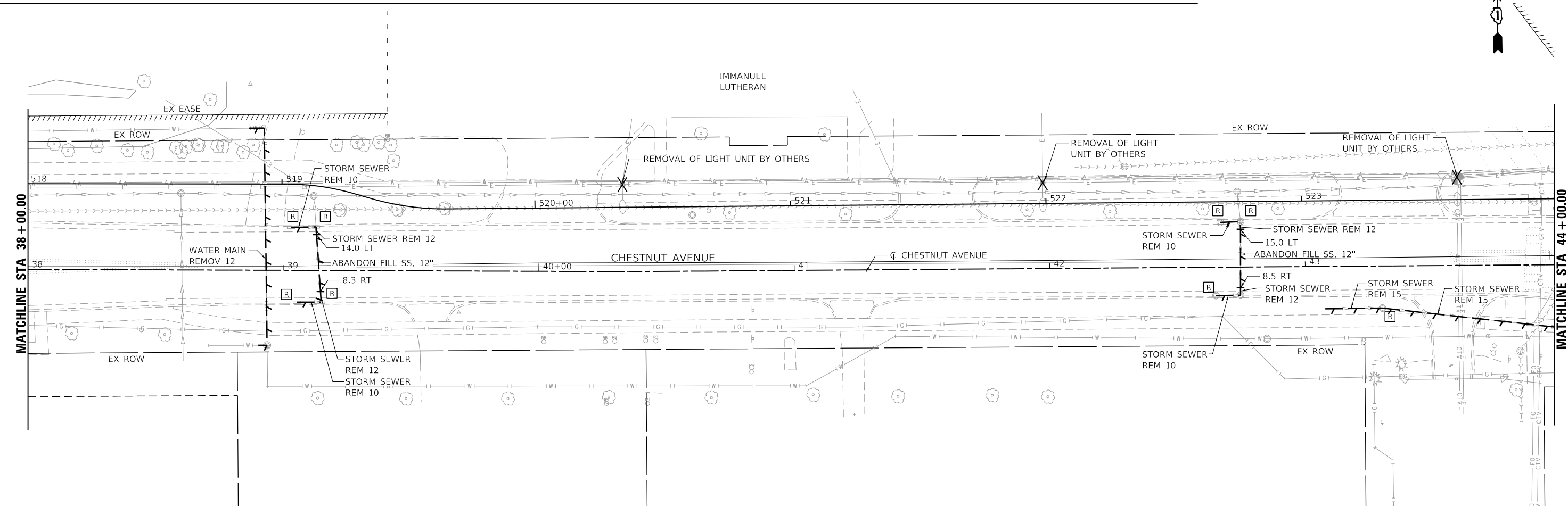
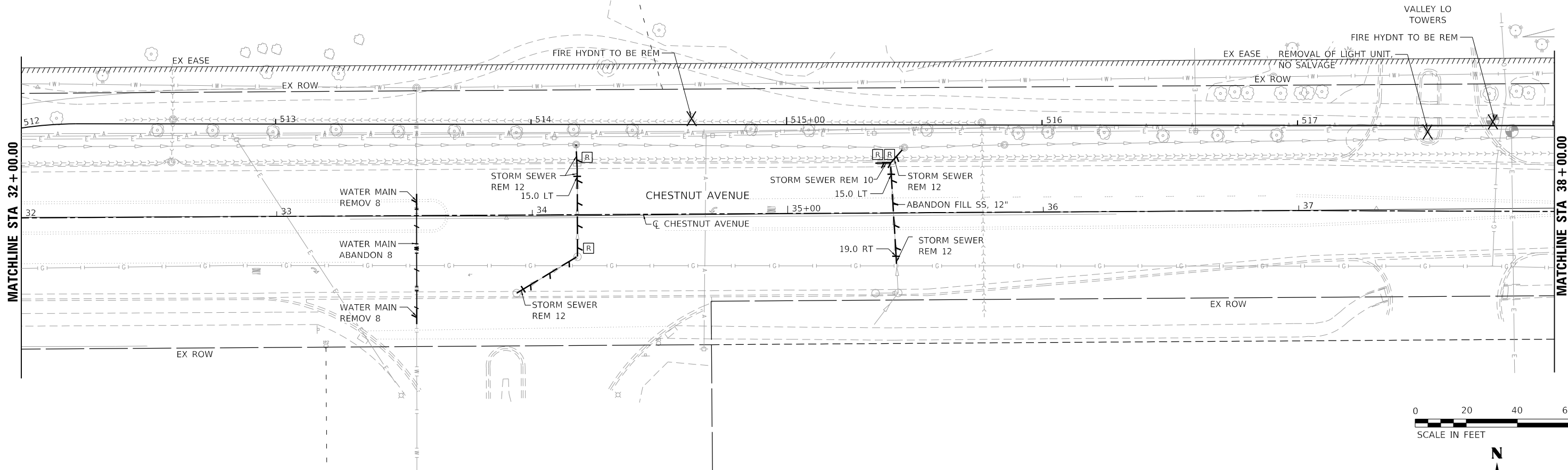


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	DRAWN	REVISED
PLOT SCALE = 40.0000' / in.	CHECKED JA	REVISED
PLOT DATE = 3/13/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY REMOVAL PLAN CHESTNUT AVENUE		
SCALE: 1"=20'	SHEET 1 OF 3 SHEETS	STA. 20+87.95 TO STA. 32+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	68
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



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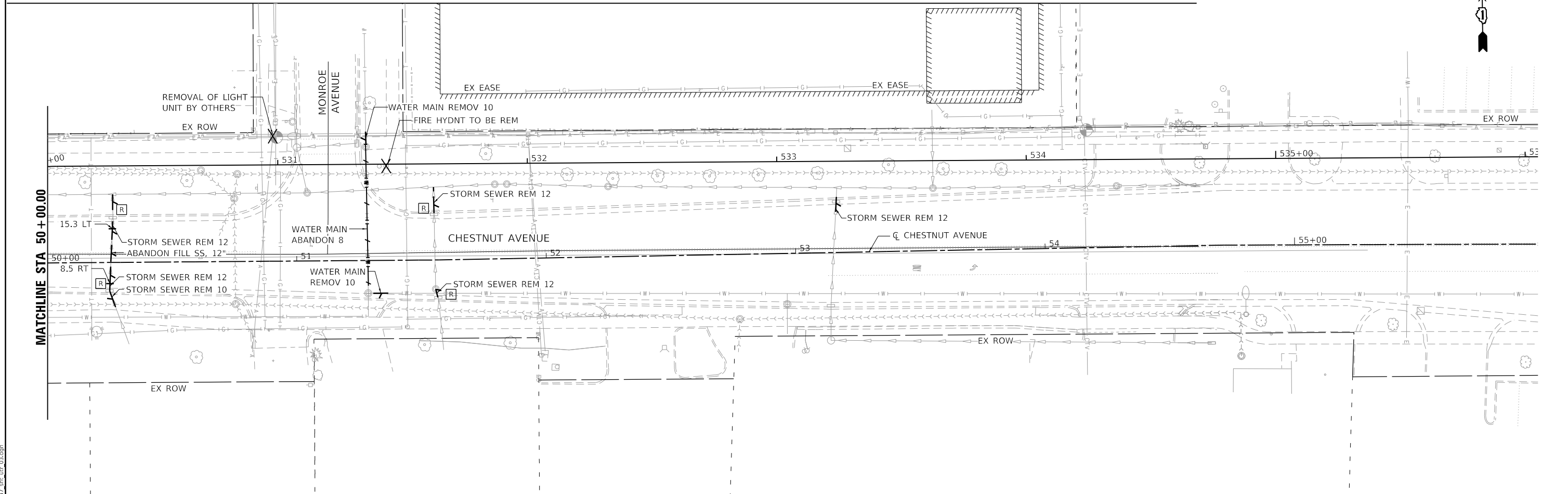
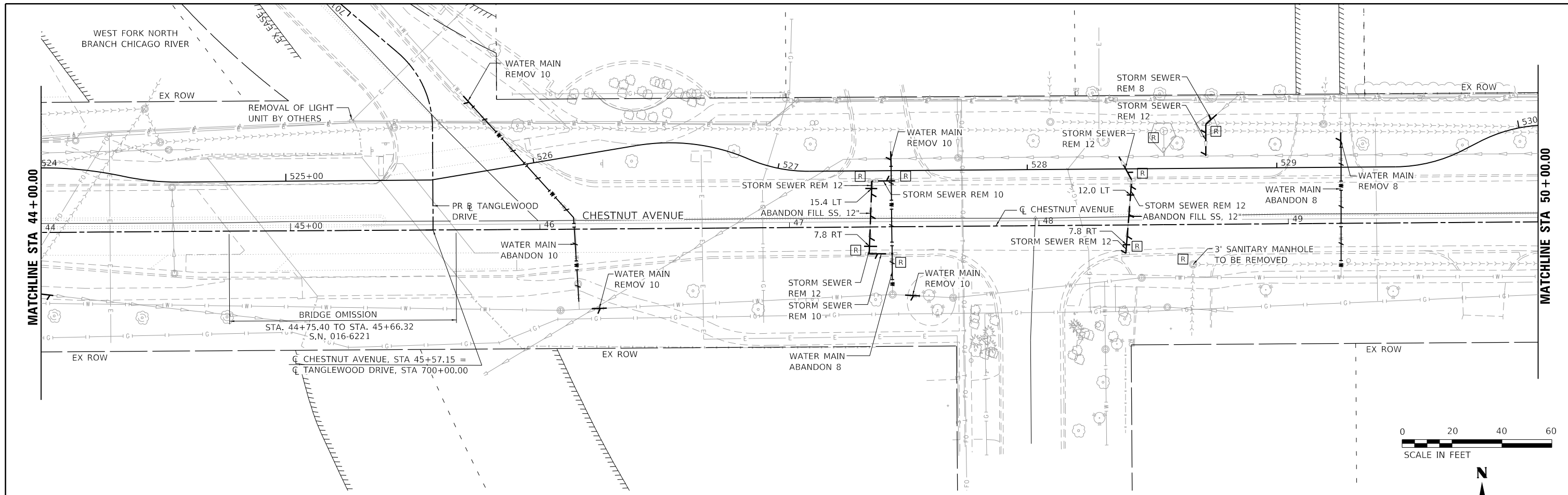


USER NAME = htsummers	DESIGNED	REVISED
PLOT SCALE = 40.0000 ' / in.	DRAWN	REVISED
PLOT DATE = 2/15/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY REMOVAL PLAN CHESTNUT AVENUE		
SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA. 32+00 TO STA. 44+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 69
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: 132547.dwg, utr_03.dwg



USER NAME = htsummers	DESIGNED	REVISED
DRAWN	REVISOR	REVISOR
PLOT SCALE = 40.0000' / in.	CHECKED JA	REVISOR
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISOR

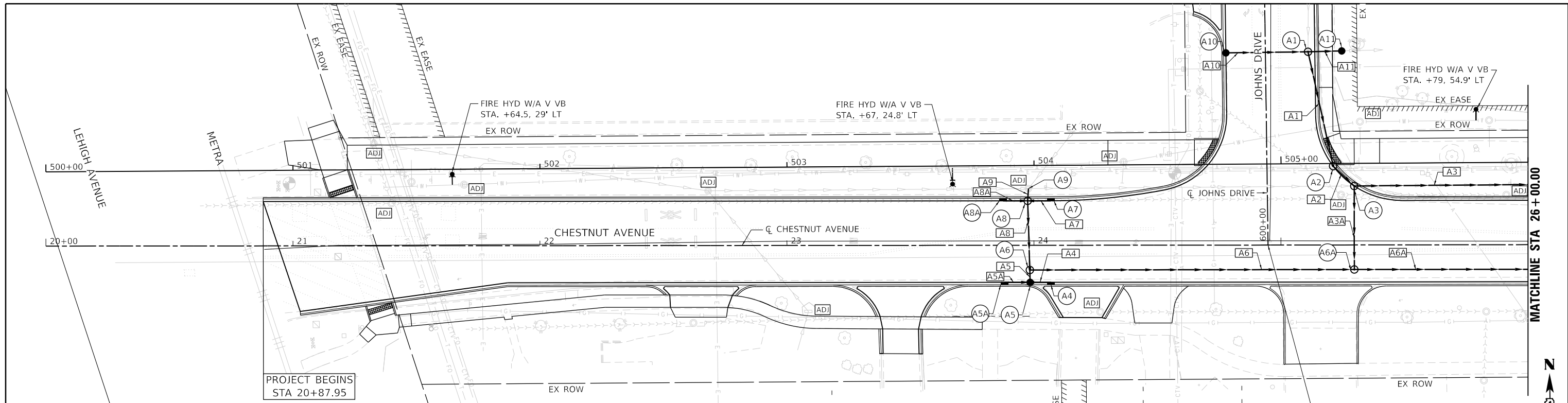
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY REMOVAL PLAN			
CHESTNUT AVENUE			
SCALE: 1"=20'	SHEET 3 OF 3 SHEETS	STA. 44+00 TO STA. 56+50.79	

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 70
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

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

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



PROJECT BEGINS
STA 20+87.95

☉ CHESTNUT AVENUE, STA 24+94.75 =
☉ JOHNS DRIVE, STA 600+00.00

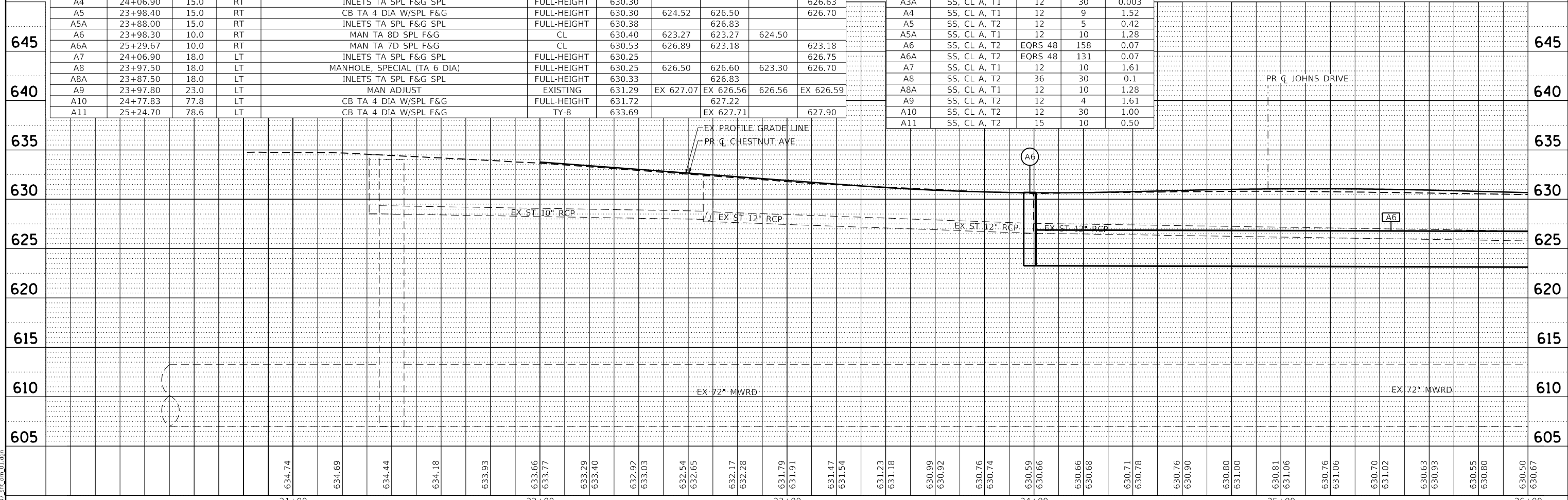
PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STATION	LOCATION		STRUCTURE	FRAME	RIM ELEVATION	INVERTS			
		OFFSET	LT/RT				N	E	S	W
A1	25+11.10	78.2	LT	MAN TA 5 DIA SPL F&G	CL	631.37	EX 627.77	627.99	626.20	626.92
A2	25+21.10	31.9	LT	MANHOLE, SPECIAL (TA 4 DIA)	FULL-HEIGHT	630.64	626.10		626.10	
A3	25+29.70	23.9	LT	MANHOLE, SPECIAL (TA 6 DIA)	FULL-HEIGHT	630.35	626.06	626.06	626.97	
A4	24+06.90	15.0	RT	INLETS TA SPL F&G SPL	FULL-HEIGHT	630.30				626.63
A5	23+98.40	15.0	RT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	630.30	624.52	626.50		626.70
A5A	23+88.00	15.0	RT	INLETS TA SPL F&G SPL	FULL-HEIGHT	630.38		626.83		
A6	23+98.30	10.0	RT	MAN TA 8D SPL F&G	CL	630.40	623.27	623.27	624.50	
A6A	25+29.67	10.0	RT	MAN TA 7D SPL F&G	CL	630.53	626.89	623.18		623.18
A7	24+06.90	18.0	LT	INLETS TA SPL F&G SPL	FULL-HEIGHT	630.25				626.75
A8	23+97.50	18.0	LT	MANHOLE, SPECIAL (TA 6 DIA)	FULL-HEIGHT	630.25	626.50	626.60	623.30	626.70
A8A	23+87.50	18.0	LT	INLETS TA SPL F&G SPL	FULL-HEIGHT	630.33		626.83		
A9	23+97.80	23.0	LT	MAN ADJUST	EXISTING	631.29	EX 627.07	EX 626.56	626.56	EX 626.59
A10	24+77.83	77.8	LT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	631.72		627.22		
A11	25+24.70	78.6	LT	CB TA 4 DIA W/SPL F&G	TY-8	633.69		EX 627.71		627.90

PROPOSED STORM SEWER SCHEDULE

PIPE NO.	TYPE	SIZE	LENGTH (FEET)	SLOPE %
A1	SS, CL A, T2	18	48	0.21
A2	SS, CL A, T2	18	9	0.46
A3	SS, CL A, T2	18	166	0.37
A3A	SS, CL A, T1	12	30	0.003
A4	SS, CL A, T1	12	9	1.52
A5	SS, CL A, T2	12	5	0.42
A5A	SS, CL A, T1	12	10	1.28
A6	SS, CL A, T2	EQRS 48	158	0.07
A6A	SS, CL A, T2	EQRS 48	131	0.07
A7	SS, CL A, T1	12	10	1.61
A8	SS, CL A, T2	36	30	0.1
A8A	SS, CL A, T1	12	10	1.28
A9	SS, CL A, T2	12	4	1.61
A10	SS, CL A, T2	12	30	1.00
A11	SS, CL A, T2	15	10	0.50

NOTE:
FOR MANHOLE SPECIAL DETAIL,
SEE SHEET 93



21+00	22+00	23+00	24+00	25+00	26+00
634.74	634.69	634.44	634.18	633.93	633.66
633.77	633.29	633.40	632.92	633.03	632.54
632.65	632.17	632.28	631.79	631.91	631.47
631.54	631.23	631.18	630.99	630.92	630.76
630.74	630.59	630.66	630.66	630.66	630.71
630.78	630.76	630.90	630.80	631.00	630.81
631.06	630.76	631.06	630.70	631.02	630.63
630.93	630.55	630.80	630.50	630.67	



USER NAME = jmallen2	DESIGNED JA	REVISED
PLOT SCALE = 40.0000' / in.	DRAWN HS	REVISED
PLOT DATE = 3/13/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

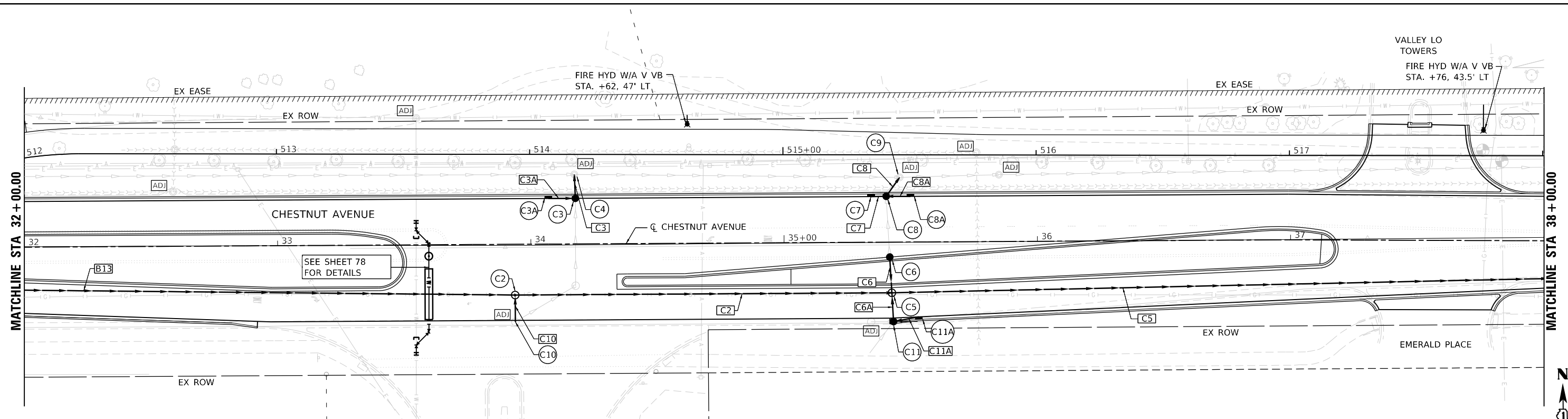
SCALE: 1"=20'	SHEET 1	OF 8 SHEETS	STA. 20+87.95	TO STA. 26+00
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F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 71
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

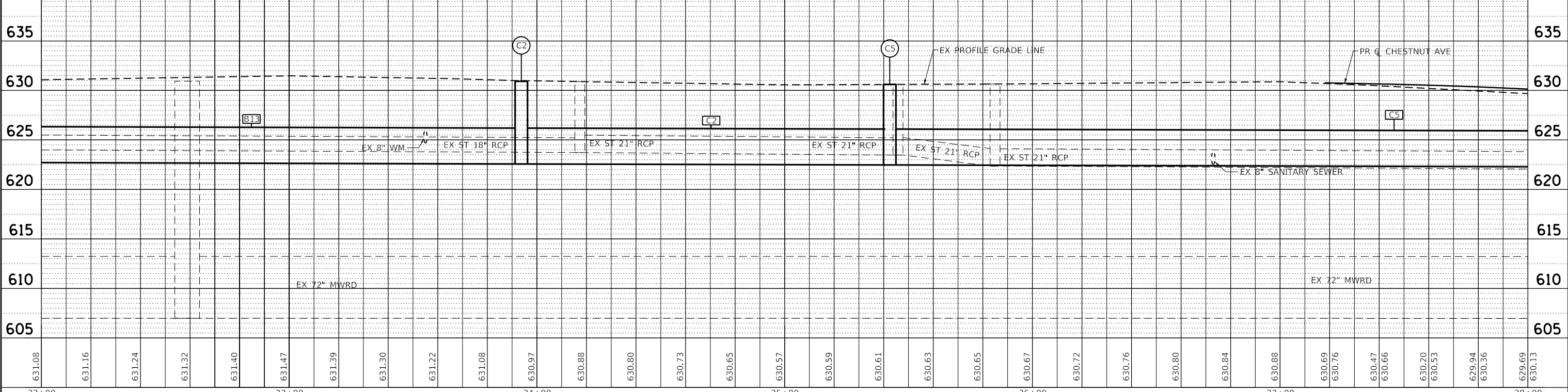
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
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STRUCTURE NO.	STATION	LOCATION		TYPE	FRAME	RIM ELEVATION	INVERTS			
		OFFSET	LT/RT				N	E	S	W
C2	33+93.70	20.0	RT	MAN TA 7D SPL F&G	CL	630.60		622.57	626.60	622.57
C3	34+17.70	18.0	LT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	630.56	626.30		EXIST	626.95
C3A	34+07.00	18.0	LT	INLETS TA SPL F&G SPL	FULL-HEIGHT	630.68				
C4	34+17.30	27.4	LT	MAN ADJUST	EXISTING	630.85		EX 623.74	626.25	EX 623.74
C5	35+42.50	20.0	RT	MAN TA 7D SPL F&G	CL	630.10	624.10	622.47	626.52	622.47
C6	35+41.70	5.9	RT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	630.38			624.45	
C7	35+34.40	18.0	LT	INLETS TA SPL F&G SPL	FULL-HEIGHT	630.03		626.50		
C8	35+40.40	18.1	LT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	630.00	626.00	626.40		626.40
C8A	35+50.00	18.0	LT	INLETS TA SPL F&G SPL	FULL-HEIGHT	630.06				626.55
C9	35+45.80	25.5	LT	MAN ADJUST	EXISTING	630.54		EX 623.48	625.84	EX 623.48
C10	33+93.70	30.6	RT	CB ADJUST	EXISTING	630.39	626.84			
C11	35+43.06	31.3	RT	CB ADJ W/SPL F&G	FULL-HEIGHT	629.88	626.81	626.81	EX 627.82	EX 626.81
C11A	35+53.00	29.5	RT	INLETS TA SPL F&G SPL	FULL-HEIGHT	629.99				626.97

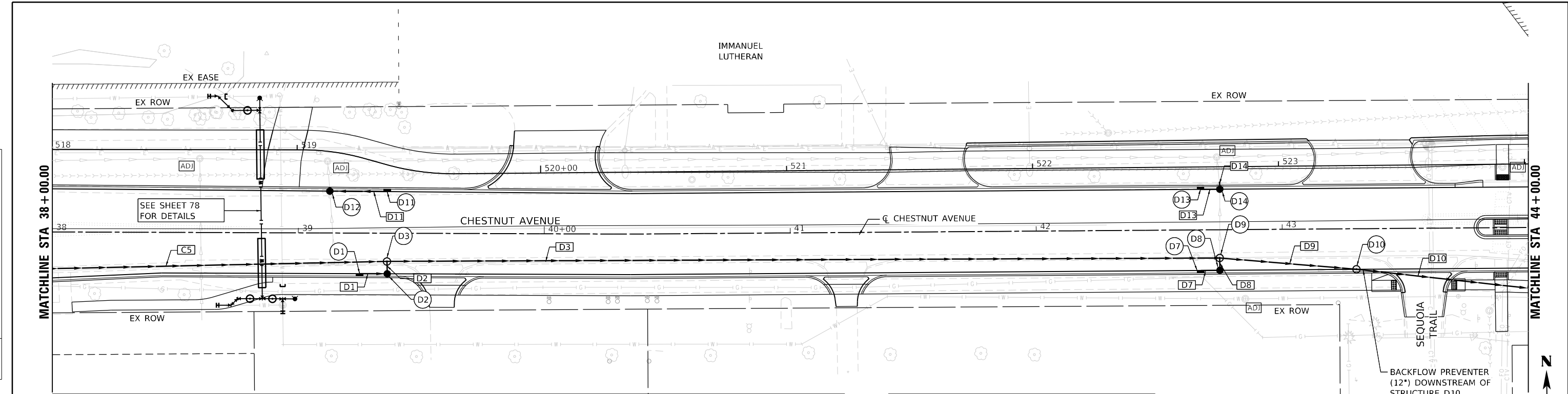
PIPE NO.	TYPE	SIZE	LENGTH (FEET)	SLOPE %
C2	SS, CL A, T2	EORS 48	149	0.07
C3	SS, CL A, T2	12	10	0.63
C3A	SS, CL A, T1	12	10	1.50
C5	SS, CL A, T2	EORS 48	394	0.07
C6	SS, CL A, T2	12	14	2.49
C6A	SS, CL A, T1	12	12	2.50
C7	SS, CL A, T1	12	6	5.60
C8	SS, CL A, T2	12	9	1.91
C8A	SS, CL A, T1	12	10	1.50
C10	SS, CL A, T1	12	11	2.43
C11A	SS, CL A, T1	12	10	1.50



	USER NAME = htsummers	DESIGNED JA	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE CHESTNUT AVENUE	F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 73
	PLOT SCALE = 40.0000' / in.	CHECKED JA	REVISED			SCALE: 1"=20'	SHEET 3 OF 8 SHEETS	STA. 32+00 TO STA. 38+00	CONTRACT NO. 61H71	
	PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED							

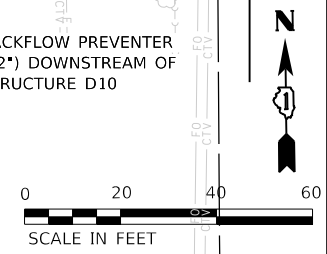
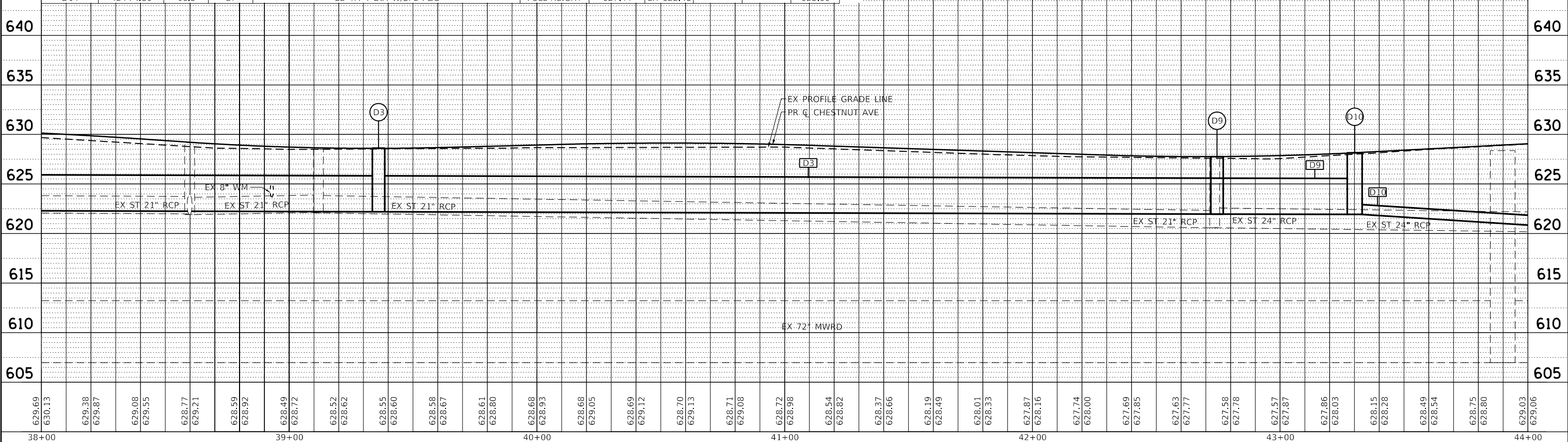
PLAN	SURVEYED	DATE
	PLOTTED	BY
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	NOTE BOOK	
	NO.	
	CADD FILE NAME	

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



STRUCTURE NO.	STATION	LOCATION		TYPE	FRAME	RIM ELEVATION	INVERTS			
		OFFSET	LT/RT				N	E	S	W
D1	39+25.00	16.5	RT	INLETS TA SPL F&G SPL	FULL-HEIGHT	628.27		624.85		
D2	39+36.20	16.5	RT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	628.26	624.25			624.75
D3	39+36.20	11.5	RT	MAN TA 7D SPL F&G	CL	628.36		622.20	624.20	622.20
D7	42+66.80	16.5	RT	INLETS TA SPL F&G SPL	FULL-HEIGHT	627.44		623.94		
D8	42+74.60	16.5	RT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	627.44	623.86			623.86
D9	42+74.50	11.5	RT	MAN TA 8D SPL F&G	CL	627.43		621.97	623.82	621.97
D10	43+30.10	16.5	RT	MH TA 6D T1F CL R-P	CL (2)	627.81		621.93	EX 625.63	621.93
D11	39+36.10	17	LT	INLETS TA SPL F&G SPL	FULL-HEIGHT	628.26				624.94
D12	39+12.70	17	LT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	628.30	EX 624.42	624.82	EX 624.42	
D13	42+66.90	16.5	LT	INLETS TA SPL F&G SPL	FULL-HEIGHT	627.43		623.80		
D14	42+74.80	16.5	LT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	627.44	EX 622.48			623.60

PIPE NO.	TYPE	SIZE	LENGTH (FEET)	SLOPE %
D1	SS, CL A, T1	12	12	0.87
D2	SS, CL A, T2	12	6	0.84
D3	SS, CL A, T1	EQRS 48	339	0.07
D7	SS, CL A, T1	12	10	0.81
D8	SS, CL A, T1	12	5	0.82
D9	SS, CL A, T1	EQRS 48	56	0.07
D10	SS, CL A, T2	12	75	MATCH EX
D11	SS, CL A, T1	12	23	1.22
D13	SS, CL A, T1	12	8	2.50
D14	SS, CL A, T1	12	2	MATCH EX



MODEL: Default
FILE NAME: 132947_spl_drm_04.dgn

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38+00		39+00				40+00				41+00				42+00				43+00				44+00																																							



USER NAME = htsummers	DESIGNED JA	REVISED
	DRAWN HS	REVISED
PLOT SCALE = 40.0000' / in.	CHECKED JA	REVISED
PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

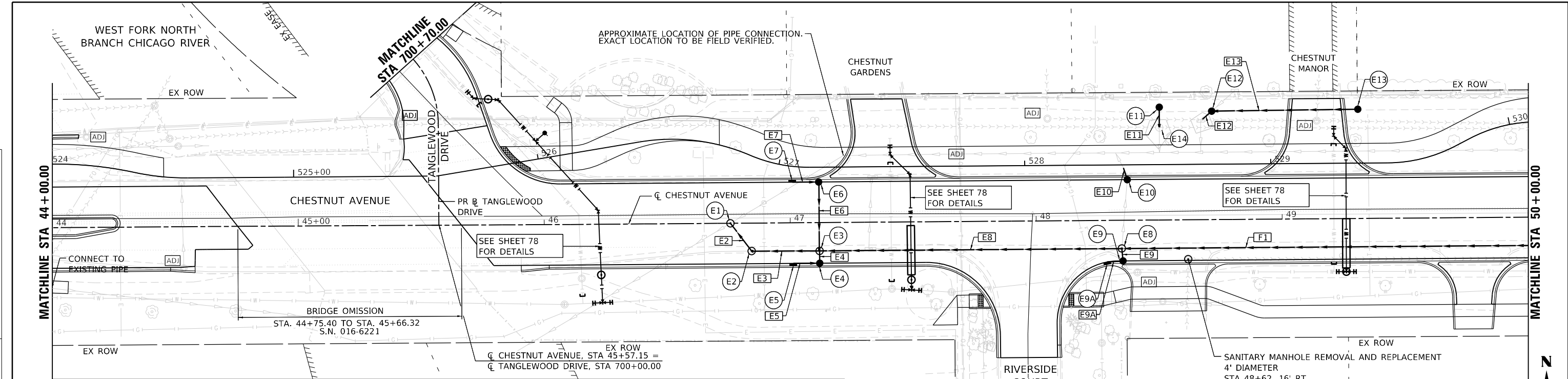
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE			
CHESTNUT AVENUE			
SCALE: 1"=20'	SHEET 4	OF 8 SHEETS	STA. 38+00 TO STA. 44+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 74
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
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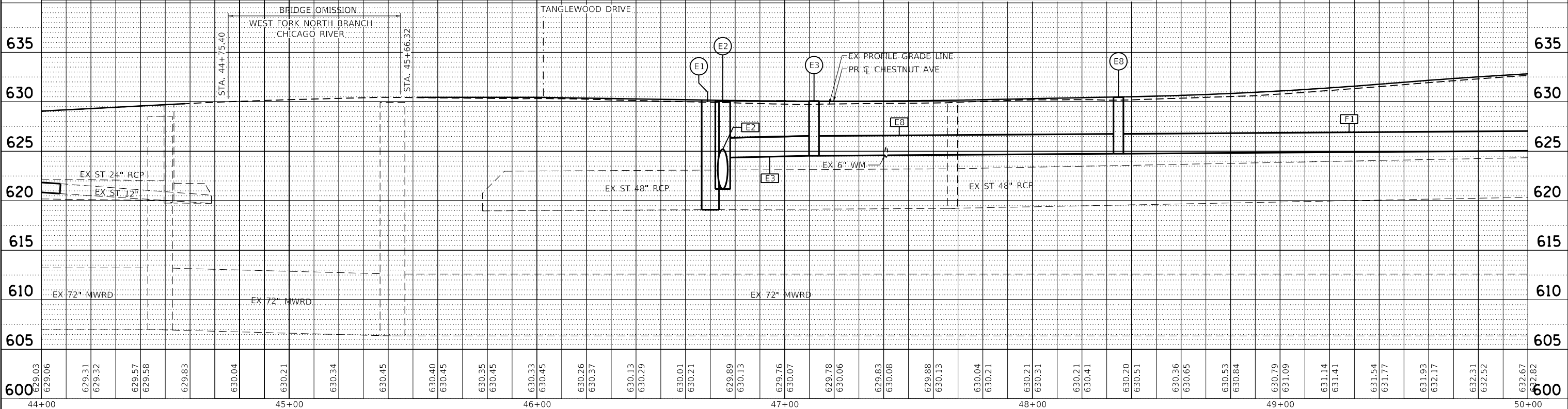
PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STATION	LOCATION		TYPE	FRAME	RIM ELEVATION	INVERTS			
		OFFSET	LT/RT				N	E	S	W
E1	46+75.69	0	RT	MAN TA 7D SPL F&G	CL	630.08		619.14	621.18	619.14
E2	46+84.31	11.4	RT	MH TA 6D T1F CL R-P	CL (2)	629.83	621.20	624.37		
E3	47+11.90	16.5	RT	MAN TA 5 DIA SPL F&G	CL	629.80	625.55	624.55	625.55	624.55
E4	47+11.90	11.5	RT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	629.70	625.60			625.99
E5	47+01.20	16.5	RT	INLETS TA SPL F&G SPL	FULL-HEIGHT	629.71		626.21		
E6	47+11.70	16.5	LT	CB TA 4 DIA W/SPL F&G	DEPRESSED	629.66			625.85	625.96
E7	47+01.00	16.5	LT	INLETS TA SPL F&G SPL	FULL-HEIGHT	629.67		626.10		
E8	48+34.80	11.4	RT	MAN TA 5 DIA SPL F&G	FULL-HEIGHT	630.26		624.76	626.56	624.76
E9	48+35.20	16.5	RT	CB TA 4 DIA W/SPL F&G	DEPRESSED	630.16	626.66			626.66
E9A	48+29.00	16.9	RT	INLETS TA SPL F&G SPL	FULL-HEIGHT	630.42		626.80		
E10	48+37.20	16.5	LT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	630.17	626.86			
E11	48+50.40	45.8	LT	CB TA 4 DIA W/SPL F&G	TY 8	629.27			621.35	
E12	48+71.70	44.1	LT	CB TA 4 DIA W/SPL F&G	TY 8	629.00	625.75	625.58	625.58	
E13	49+31.10	44.4	LT	CB TA 4 DIA W/SPL F&G	TY 8	629.00				626.03
E14	48+50.40	37.5	LT	CB ADJ W/SPL F&G	CL	628.58	621.28		EX 621.28	

PROPOSED STORM SEWER SCHEDULE

PIPE NO.	TYPE	SIZE	LENGTH (FEET)	SLOPE %
E2	SS, CL A, T2	24	15	0.14
E3	SS, CL A, T2	24	28	0.66
E4	SS, CL A, T2	12	5	0.97
E5	SS, CL A, T1	12	11	2.02
E6	SS, CL A, T2	12	28	1.07
E7	SS, CL A, T1	12	11	1.33
E8	SS, CL A, T2	24	123	0.17
E9	SS, CL A, T1	12	5	2.03
E9A	SS, CL A, T1	12	7	1.50
E10	SS, CL A, T1	12	5	MATCH EX
E11	SS, CL A, T2	12	9	0.77
E12	SS, CL A, T1	12	5	MATCH EX
E13	SS, CL A, T1	12	60	0.76

SANITARY MANHOLE REMOVAL AND REPLACEMENT
 4' DIAMETER
 STA 48+62, 16' RT
 RIM: 630.34
 INV 6" VCP E: 627.03
 INV 6" VCP S: 627.03

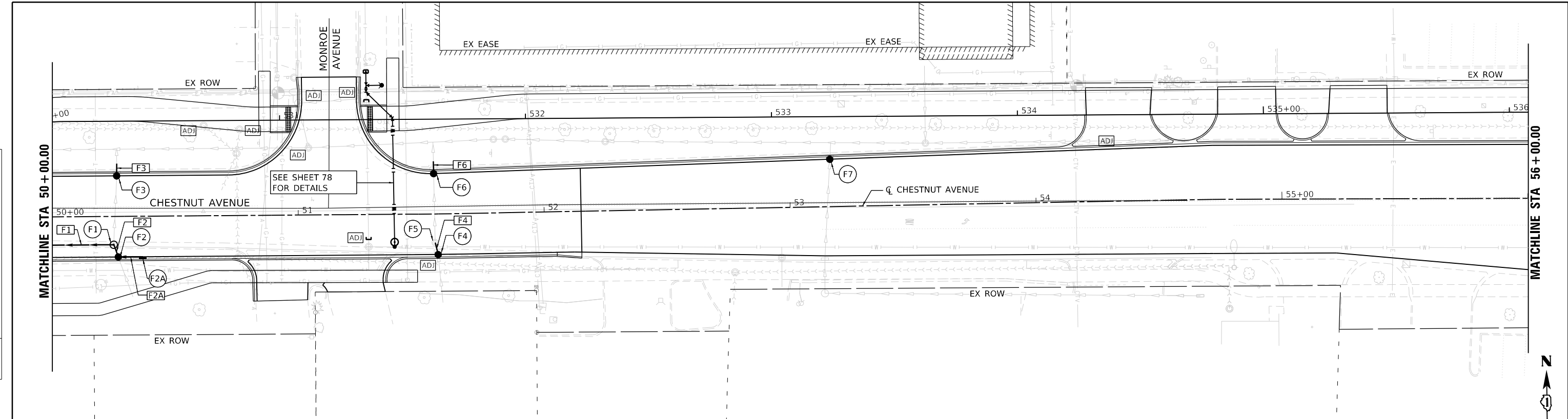


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	PLOT SCALE = 40.0000' / in.	CHECKED JA	REVISED			SCALE: 1"=20'	SHEET 5 OF 8 SHEETS	STA. 44+00 TO STA. 50+00	CONTRACT NO. 61H71	
	PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED							

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
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	STRUCTURE NOTATION	

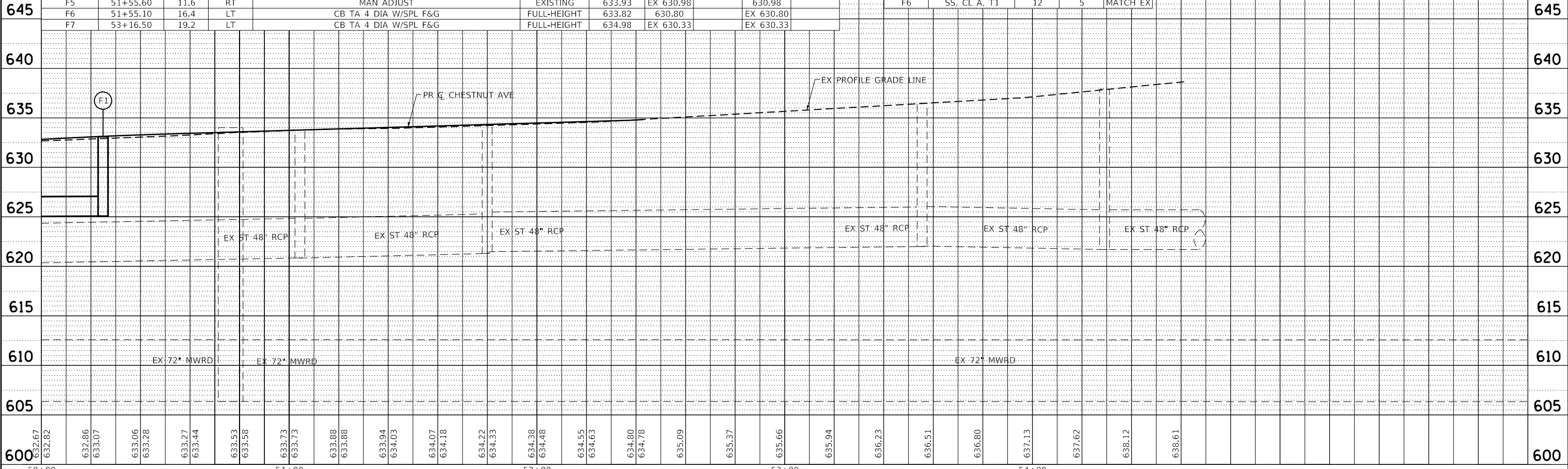


PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STATION	LOCATION		TYPE	FRAME	RIM ELEVATION	INVERTS			
		OFFSET	LT/RT				N	E	S	W
F1	50+24.90	11.5	RT	MAN TA 4 DIA SPL F&G	CL	632.90			629.20	625.08
F2	50+26.70	16.5	RT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	632.82	629.32	629.32		
F2A	50+37.00	16.5	RT	INLETS TA SPL F&G SPL	FULL-HEIGHT	632.85				629.47
F3	50+26.30	16.5	LT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	632.82	628.97			
F4	51+56.70	16.5	RT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	633.84	631.02		EX. 631.07	
F5	51+55.60	11.6	RT	MAN ADJUST	EXISTING	633.93	EX 630.98		630.98	
F6	51+55.10	16.4	LT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	633.82	630.80		EX 630.80	
F7	53+16.50	19.2	LT	CB TA 4 DIA W/SPL F&G	FULL-HEIGHT	634.98	EX 630.33		EX 630.33	

PROPOSED STORM SEWER SCHEDULE

PIPE NO.	TYPE	SIZE	LENGTH (FEET)	SLOPE %
F1	SS, CL A, T2	24	190	0.17
F2	SS, CL A, T1	12	6	2.15
F2A	SS, CL A, T1	12	10	1.50
F3	SS, CL A, T1	12	5	MATCH EX
F4	SS, CL A, T1	12	5	0.80
F6	SS, CL A, T1	12	5	MATCH EX



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	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

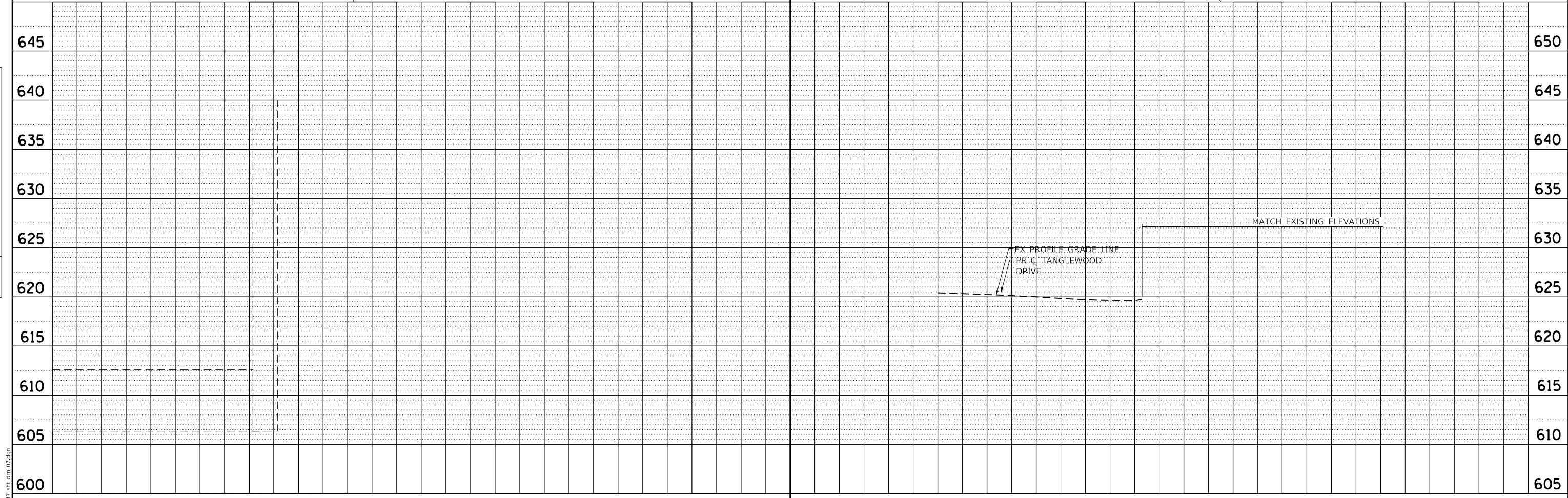
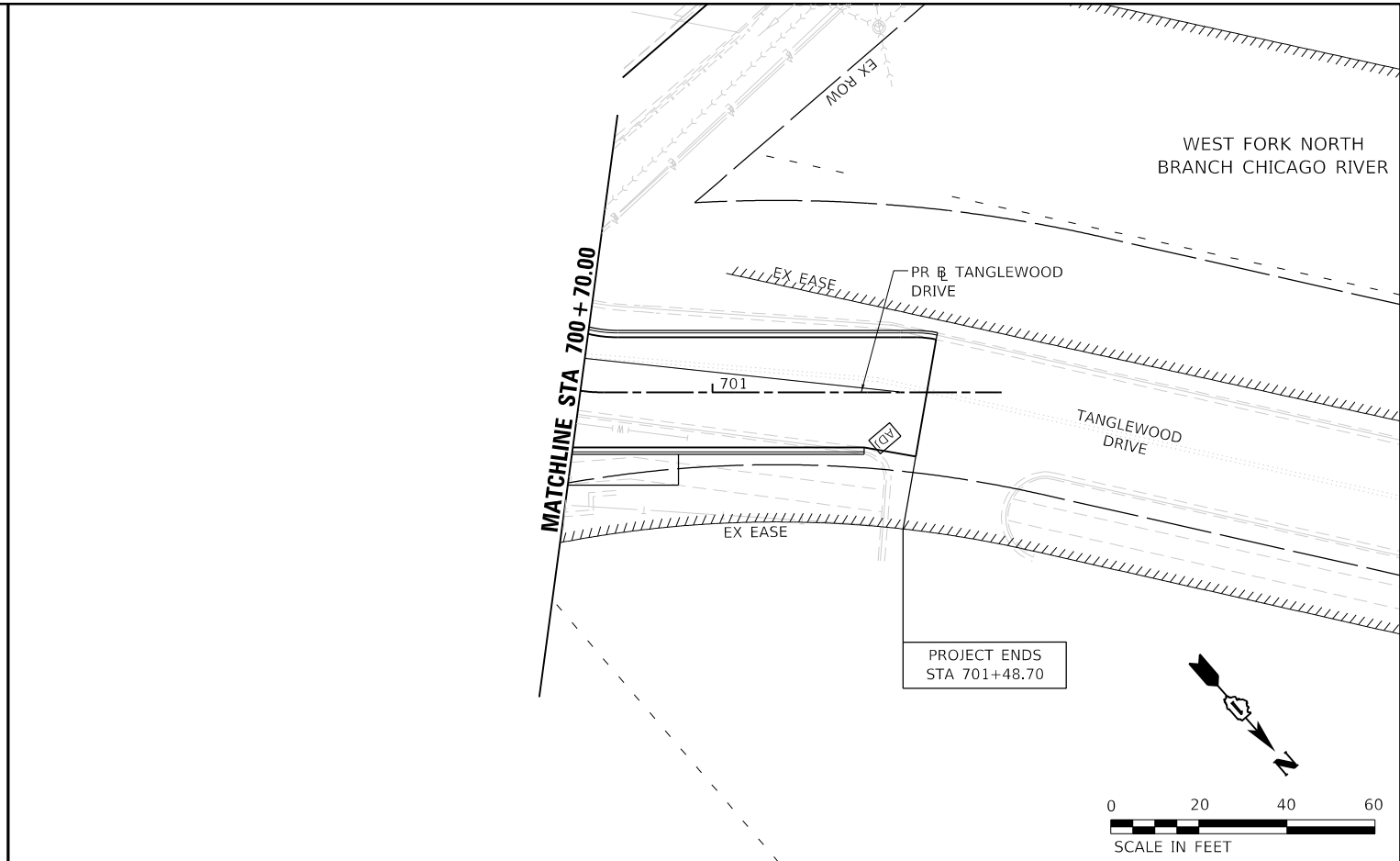
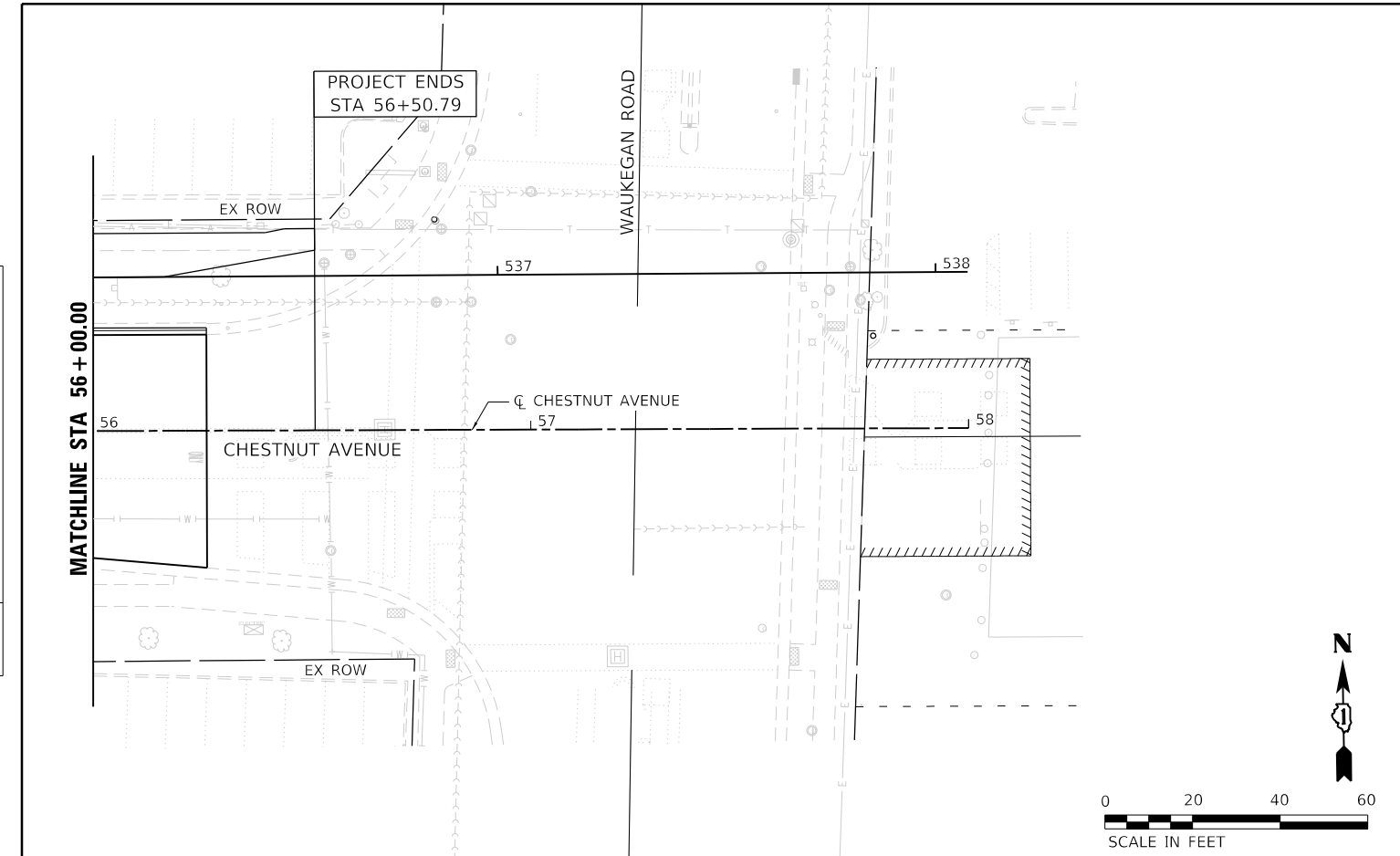
DRAINAGE AND UTILITY PLAN AND PROFILE
CHESTNUT AVENUE

SCALE: 1"=20' SHEET 6 OF 8 SHEETS STA. 50+00 TO STA. 56+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 76
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	

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

PROFILE	SURVEYED	DATE
	PLOTTED	
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NOTE BOOK NO.	CADD FILE NAME	



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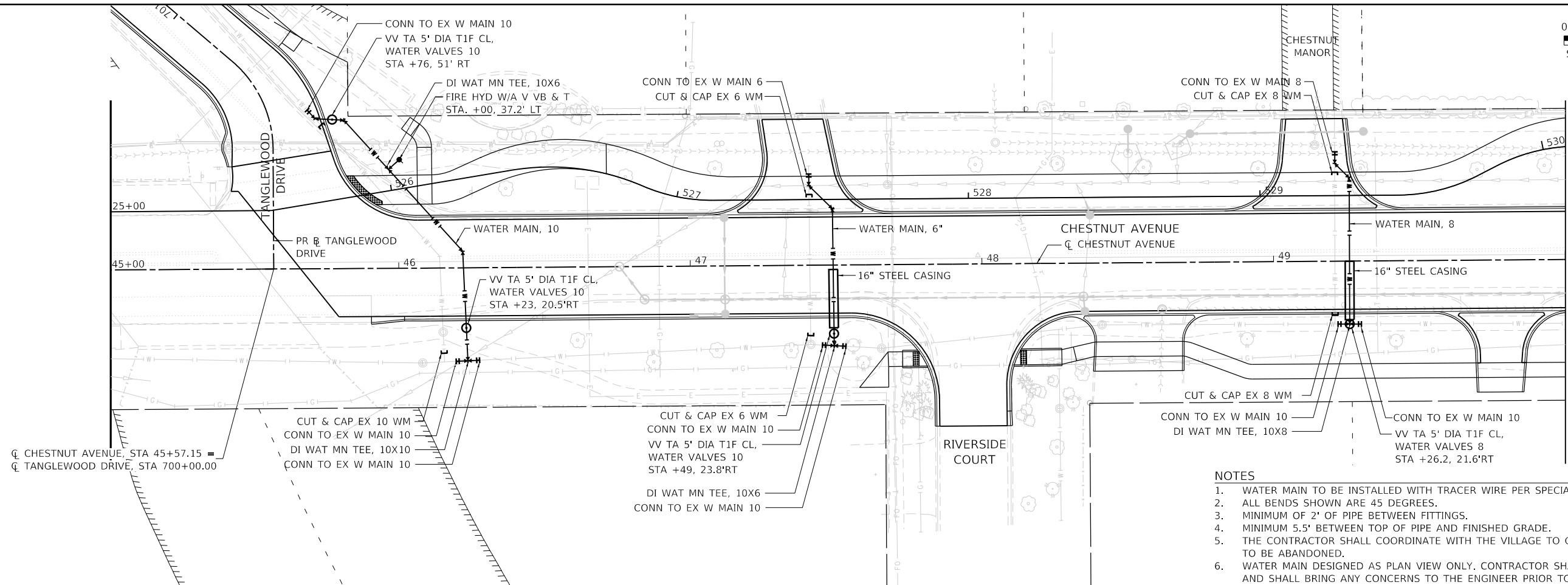


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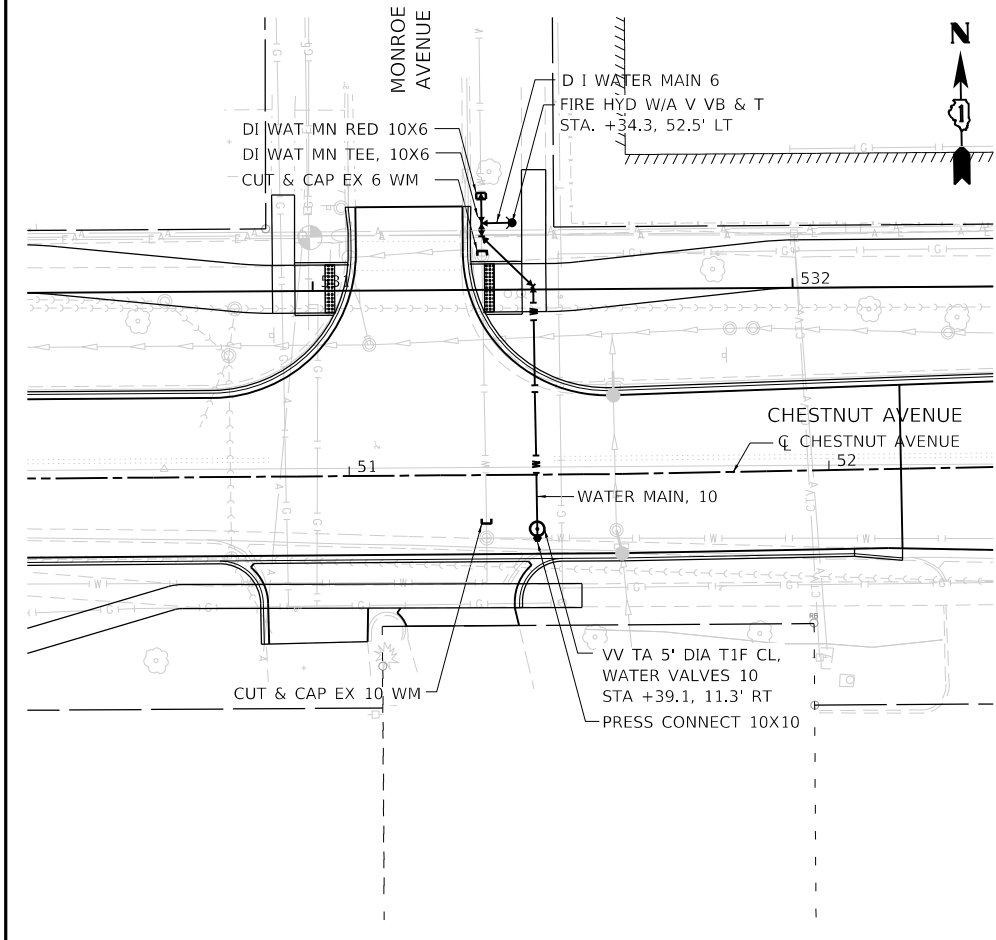
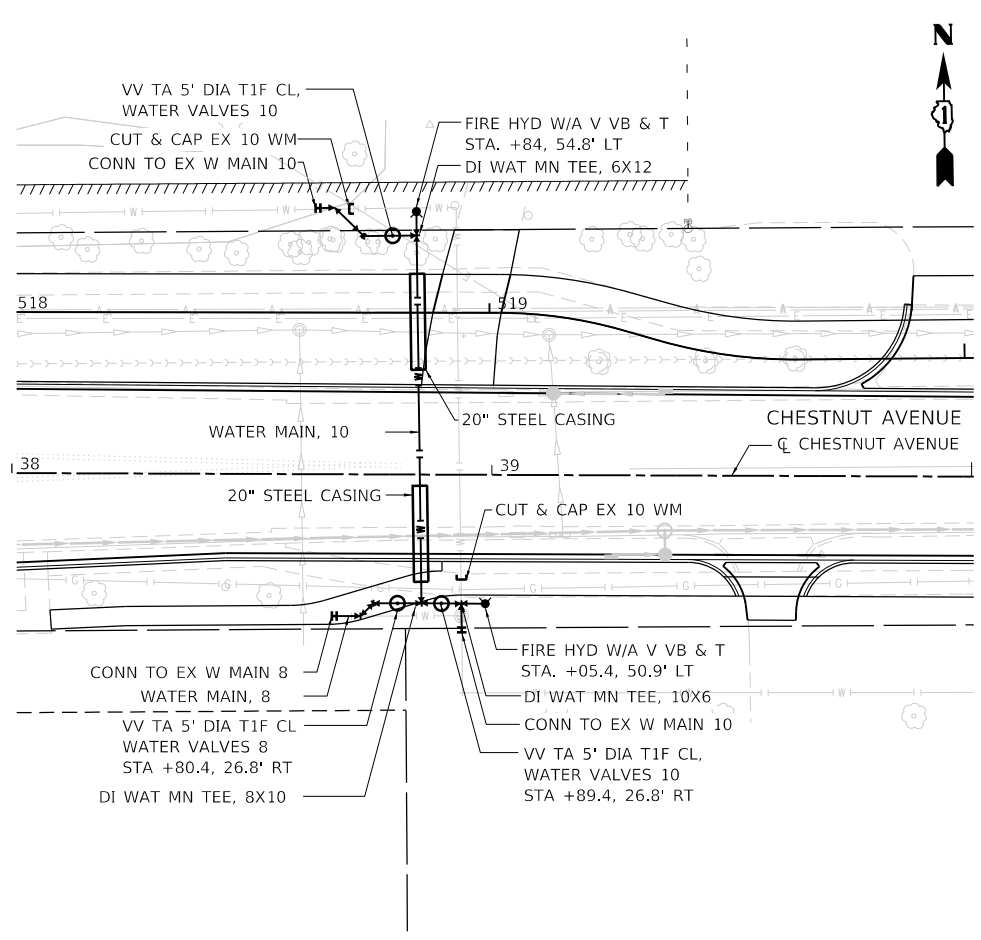
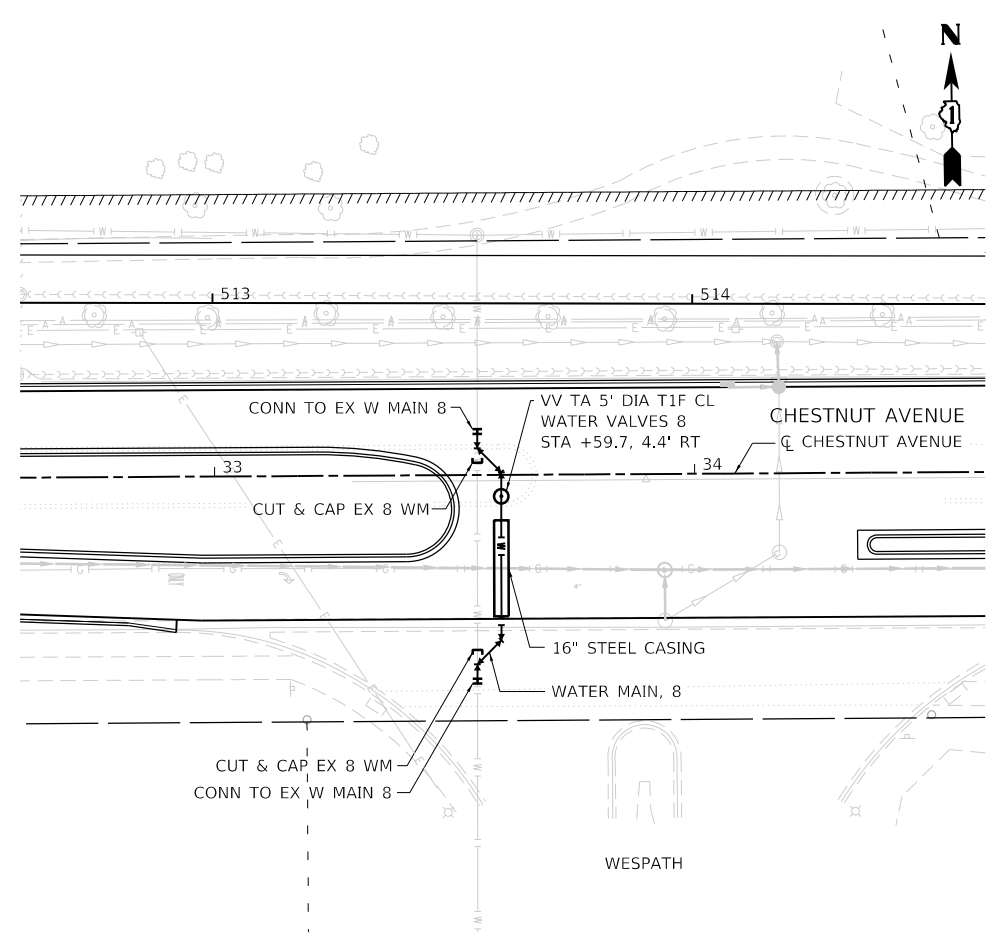
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE			
CHESTNUT AVENUE AND TANGLEWOOD DRIVE			
SCALE: 1"=20'	SHEET 7	OF 8 SHEETS	STA. 56+00 TO STA. 56+50.79

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	77
CONTRACT NO. 61H71				
ILLINOIS		FED. AID PROJECT		



- NOTES**
1. WATER MAIN TO BE INSTALLED WITH TRACER WIRE PER SPECIAL PROVISION.
 2. ALL BENDS SHOWN ARE 45 DEGREES.
 3. MINIMUM OF 2' OF PIPE BETWEEN FITTINGS.
 4. MINIMUM 5.5' BETWEEN TOP OF PIPE AND FINISHED GRADE.
 5. THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE TO CONFIRM WHICH VALVES NEED TO BE ABANDONED.
 6. WATER MAIN DESIGNED AS PLAN VIEW ONLY. CONTRACTOR SHALL VERIFY VERTICAL ELEMENTS AND SHALL BRING ANY CONCERNS TO THE ENGINEER PRIOR TO MOVING FORWARD.



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FILE NAME: 1325947_dbr_drn_08.dgn



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	DATE 2/14/2021	REVISED

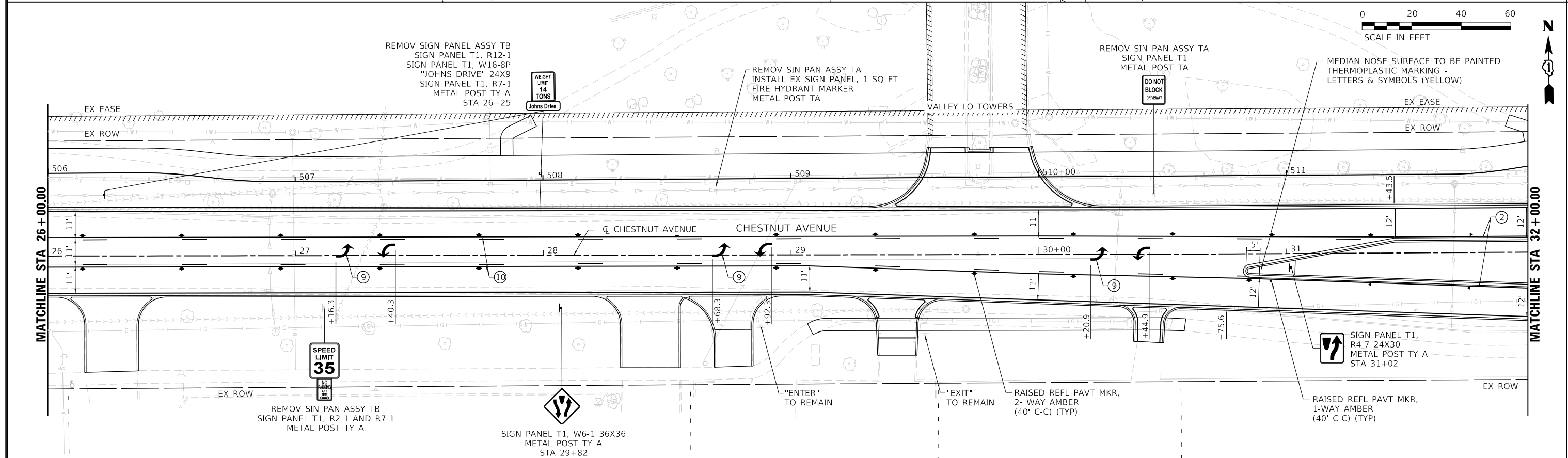
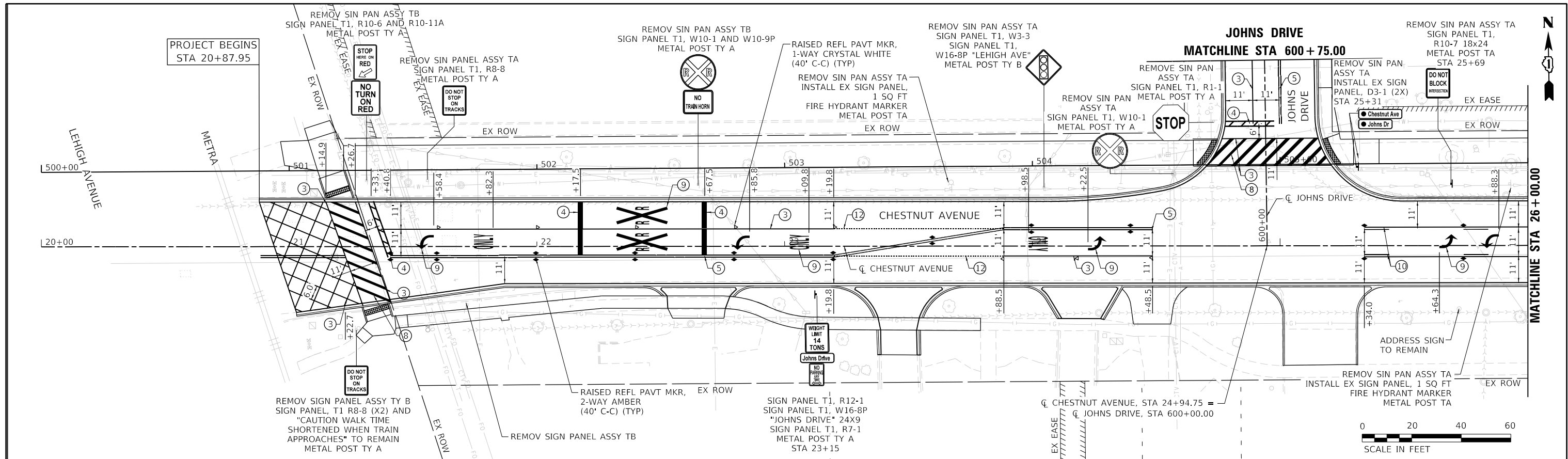
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY DETAILS
CHESTNUT AVENUE**

SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	78
CONTRACT NO. 61H71				

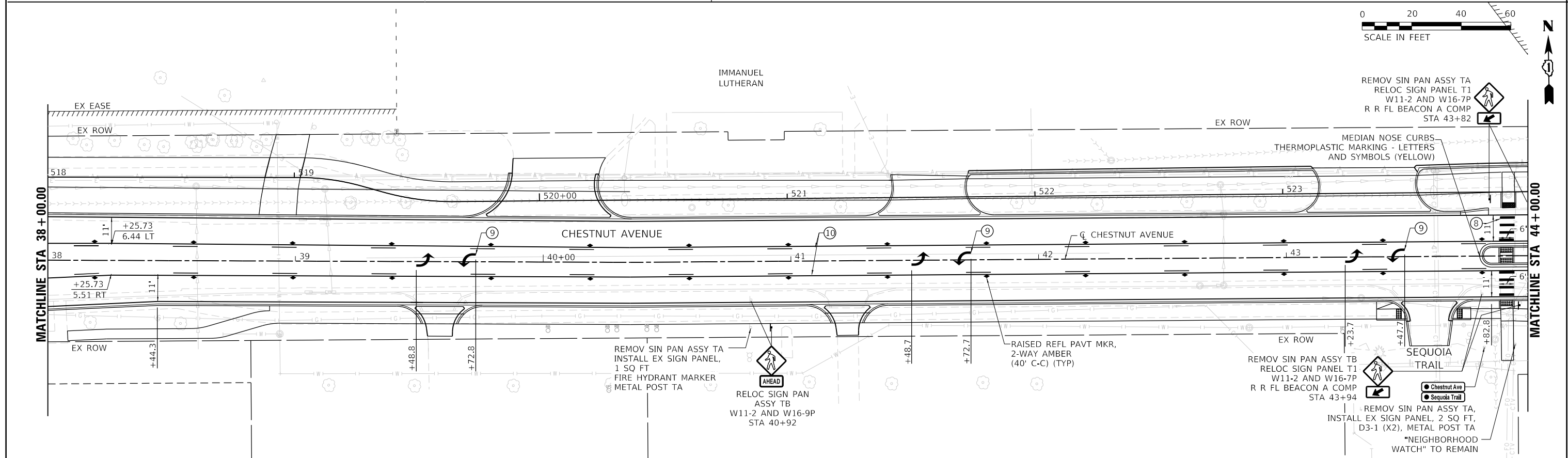
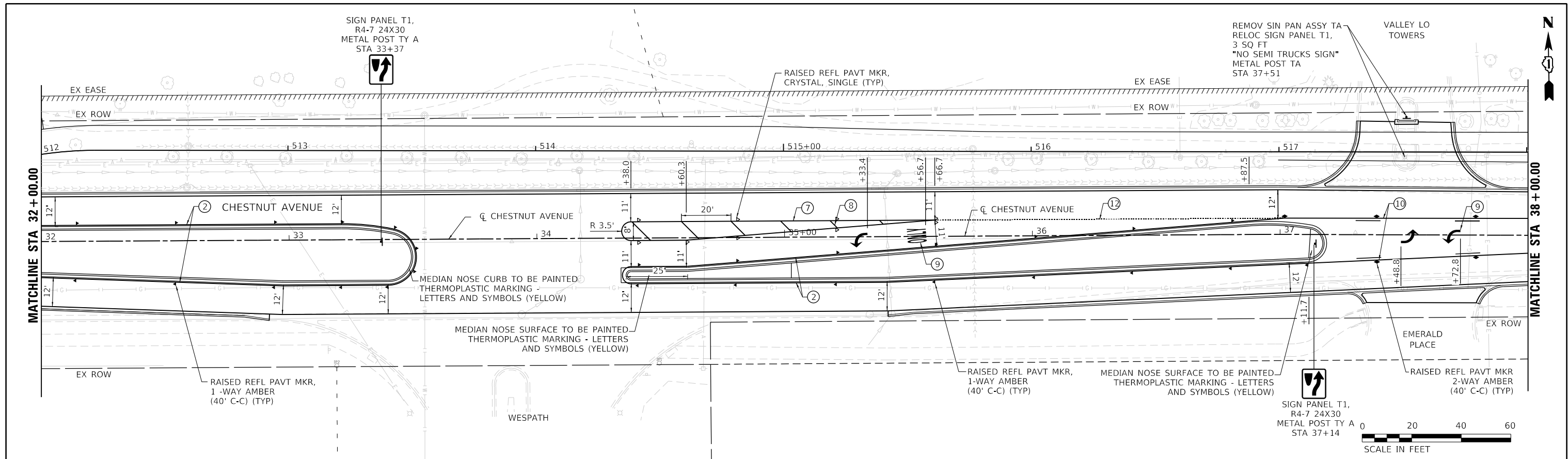
ILLINOIS FED. AID PROJECT



LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE	⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4", AT 11" C-C DOUBLE SOLID YELLOW
② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW	⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT 20' C-C
③ THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE	⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8", SOLID WHITE
④ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE	⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE
	⑨ PAVEMENT MARKING TYPE IV - LETTERS & SYMBOLS (WHITE)
	⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW AND THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP DASH 10' DASH, 30' SKIP AT 5 1/2" C-C
	⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE, 30' SPACE)
	⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 6", DOTTED WHITE (2' LINE, 6' SPACE)
	⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW

	USER NAME = htsummers	DESIGNED JA	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLANS CHESTNUT AVENUE	F.A.U. RTE. = 1352	SECTION = 15-00190-00-PV	COUNTY = COOK	TOTAL SHEETS = 151	SHEET NO. = 79		
	PLOT SCALE = 40,0000' / in.	CHECKED JA	REVISED			SCALE: 1"=20'	SHEET 1 OF 5 SHEETS	STA. 20+00 TO STA. 32+00	CONTRACT NO. 61H71			
	PLOT DATE = 2/15/2022	DATE = 2/14/2021	REVISED			ILLINOIS FED. AID PROJECT						

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LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE	⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4", AT 11" C-C DOUBLE SOLID YELLOW
② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW	⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT 20' C-C
③ THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE	⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8", SOLID WHITE
④ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE	⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE
	⑨ PAVEMENT MARKING TYPE IV - LETTERS & SYMBOLS (WHITE)
	⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW AND THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP DASH 10' DASH, 30' SKIP AT 5 1/2" C-C
	⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE, 30' SPACE)
	⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 6", DOTTED WHITE (2' LINE, 6' SPACE)
	⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW



USER NAME = hsummers	DESIGNED JA	REVISED
DRAWN HS	CHECKED JA	REVISED
PLOT SCALE = 40,0000' / in.	DATE 2/14/2021	REVISED
PLOT DATE = 2/15/2022		

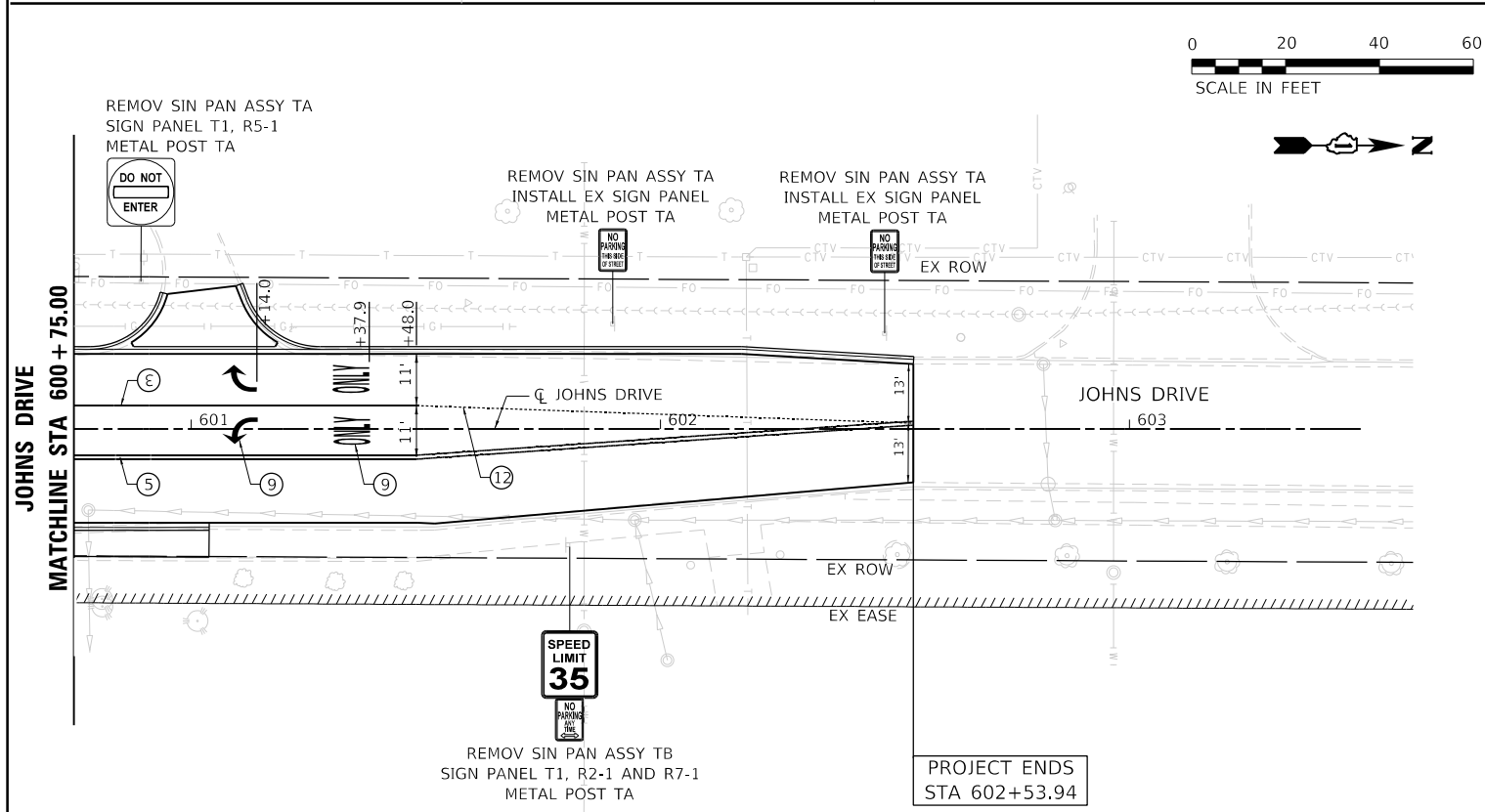
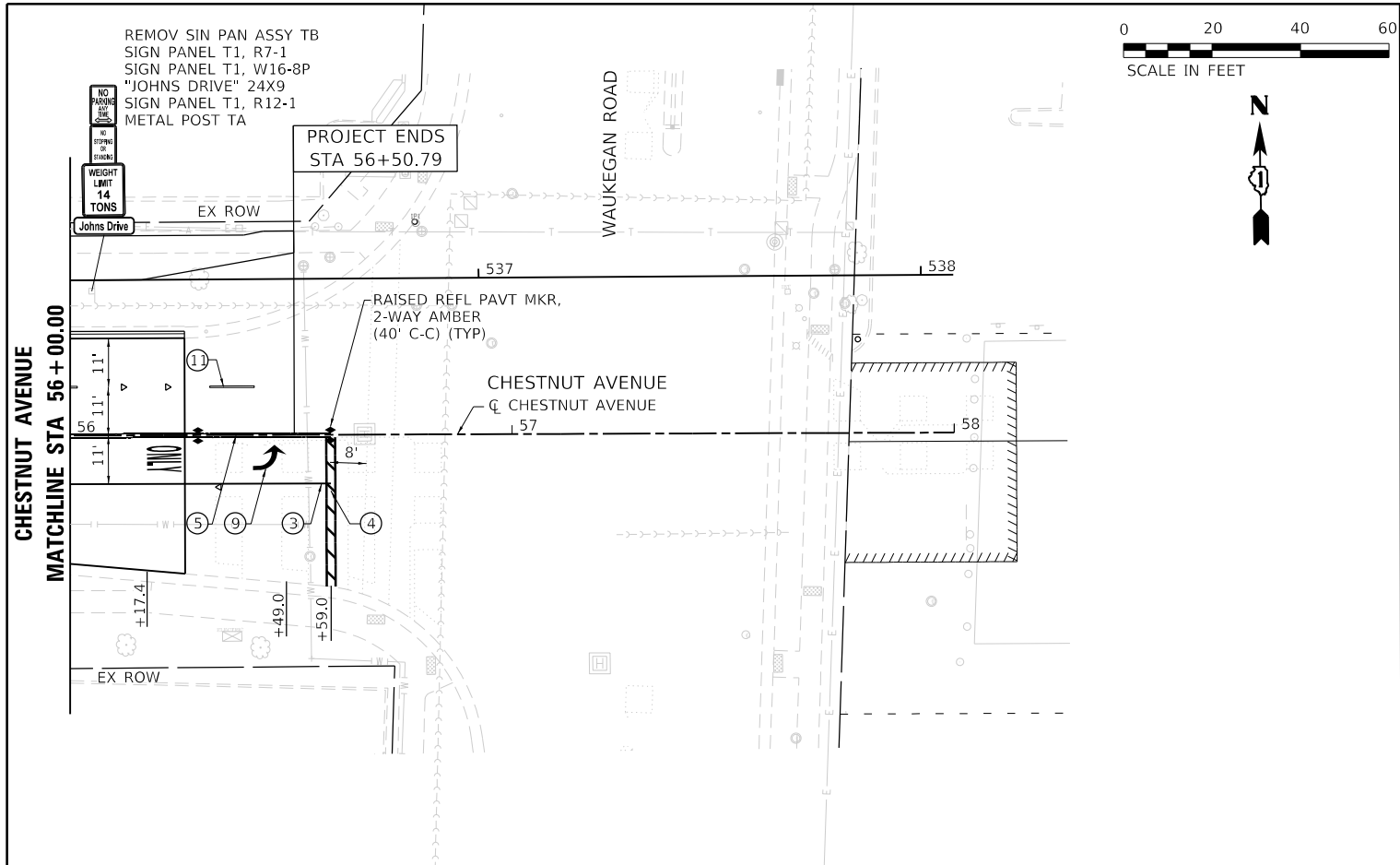
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS
CHESTNUT AVENUE**

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 32+00 TO STA. 44+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 80
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

MODEL: D:\out
FILE NAME: 132547_sht.dwg, 02.dwg



LEGEND	
① THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE	⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4", AT 11" C-C DOUBLE SOLID YELLOW
② THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW	⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW DIAGONAL (45°) AT 20' C-C
③ THERMOPLASTIC PAVEMENT MARKING - LINE 6", SOLID WHITE	⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 8", SOLID WHITE
④ THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE	⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID WHITE
	⑨ PAVEMENT MARKING TYPE IV - LETTERS & SYMBOLS (WHITE)
	⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW AND THERMOPLASTIC PAVEMENT MARKING - LINE 4", YELLOW SKIP DASH 10' DASH, 30' SKIP AT 5 1/2" C-C
	⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE, 30' SPACE)
	⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 6", DOTTED WHITE (2' LINE, 6' SPACE)
	⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 12", SOLID YELLOW



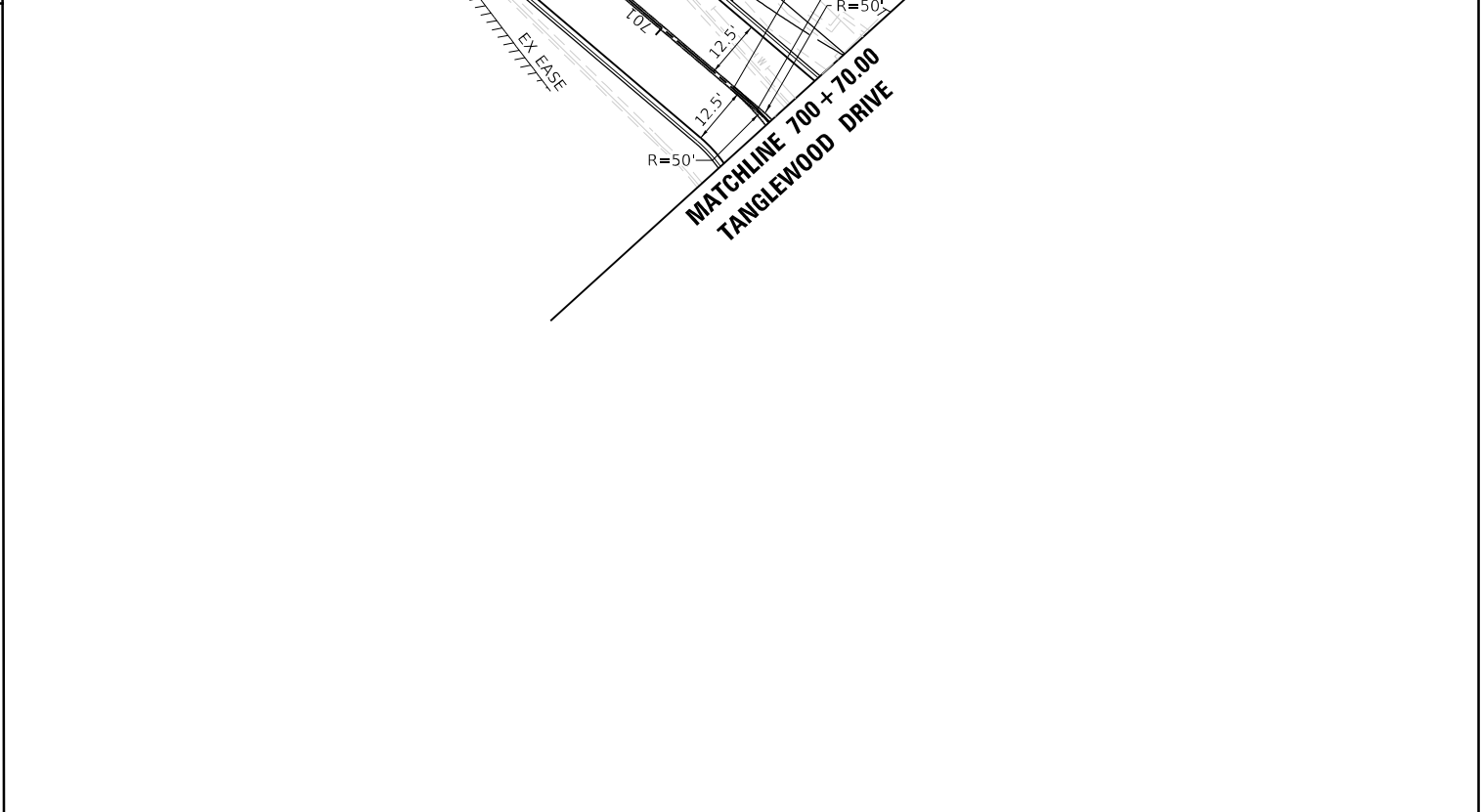
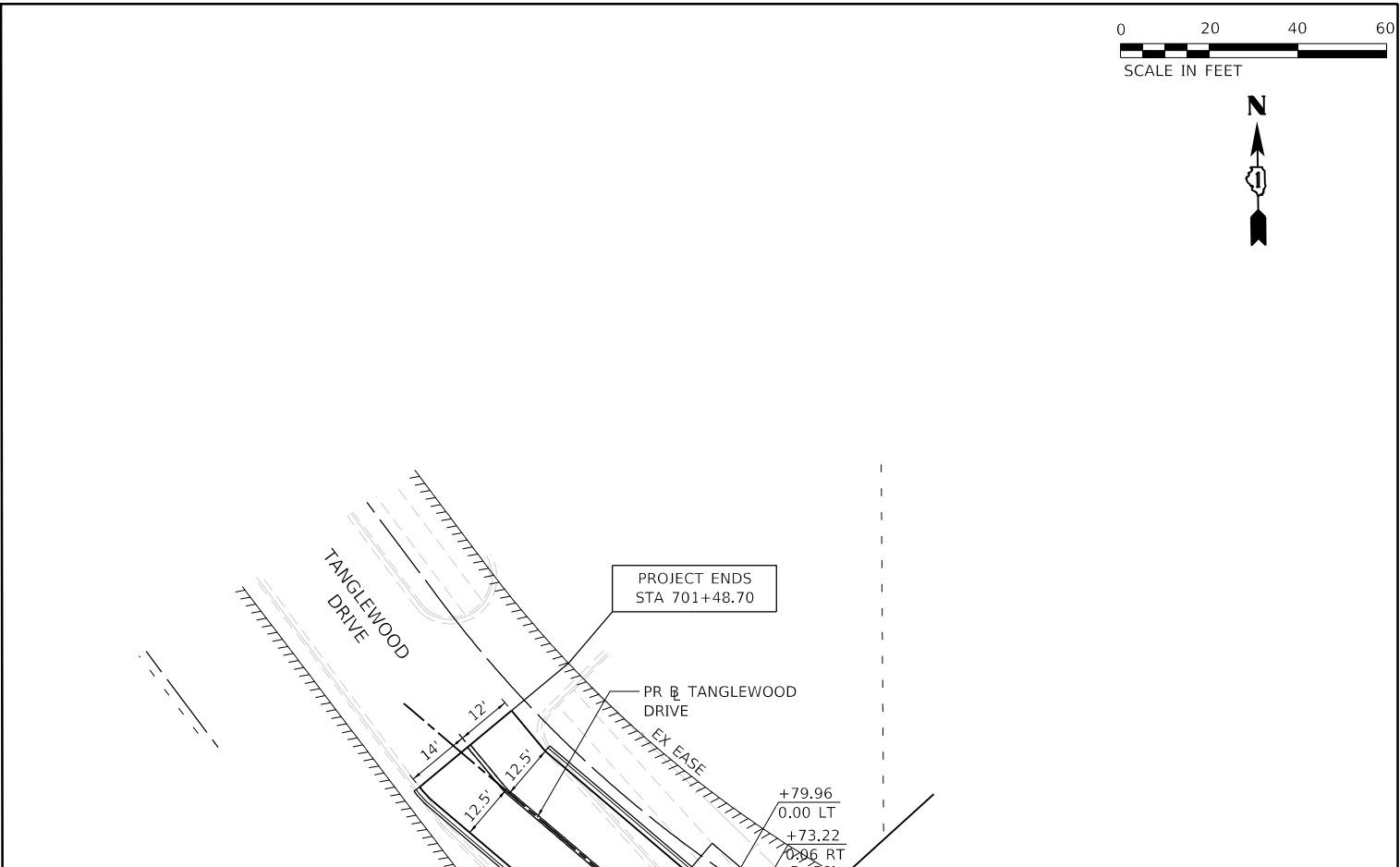
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLANS
CHESTNUT AVENUE, JOHNS DRIVE AND TANGLEWOOD DRIVE**

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 56+00 TO STA. 56+50.79

F.A.U. RTE. = 1352	SECTION = 15-00190-00-PV	COUNTY = COOK	TOTAL SHEETS = 151	SHEET NO. = 82
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



MODEL: D:\output... FILE NAME: 132547_sht.dwg, 04.dwg

PROPOSED SIGNING SCHEDULE															
STATION	MUTCD CODE	DESCRIPTION	Station	LT/RT	SIZE (IN)	SIGN PANEL - TYPE 1	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	INSTALL EXISTING SIGN PANEL	METAL POST - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE A	REMOVE SIGN PANEL ASSEMBLY - TYPE B	RELOCATE SIGN PANEL - TYPE 1	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	
						72000100 SQ FT	72400500 EACH	72400600 EACH	72300100 SQ FT	72900100 FOOT	72400100 EACH	72400200 EACH	72400710 SQ FT	X1400326 EACH	
PAY ITEM NO.	FROM	TO													
20+88	26+00	R10-6	STOP HERE ON RED (ARROW)	21+31	LT	24X36	6			16		1			
		R10-11A	NO TURN ON RED			24X30	5								
		R8-8	DO NOT STOP ON TRACKS	21+55	LT	24X36 (2)	12			13.5		1			
		EXISTING	CAUTION WALK TIME SHORTENED WHEN TRAIN APPROACHES			24X36			6				6		
		EXISTING	14 TON WEIGHT LIMIT AHEAD ON JOHN'S DRIVE			12X18									
		R12-1	WEIGHT LIMIT 10 TONS	21+72	RT	24X36	6			15.75	1				
		W16-8P	"JOHNS DRIVE"			24X9	1.5								
		R7-1	NO PARKING ANY TIME			12X18	1.5								
		W10-1	RR CROSSING	22+65	LT	36X36	9			15		1			
		W10-9P	NO TRAIN HORN			12X18	1.5								
		EXISTING	FIRE HYDRANT MARKER	23+67	LT				1	10.5	1				
		W3-3	TRAFFIC LIGHT	24+05	LT	36X36	9			14.25		1			
		W16-8P	"LEHIGH AVE"			36X9	2.25								
		W10-1	RR CROSSING	24+57	LT	36X36	9			13.5	1				
		R1-1	STOP	24+73	LT	36X36	9			13.5	1				
		D3-1	STREET NAME X2	25+31	LT	36X9 (2)			4.5	12	1		4.5		
		D3-1	STREET NAME X2			36X9 (2)			4.5				4.5		
		R10-7	DO NOT BLOCK INTERSECTION	25+69	LT	18X24	3			12.5					
		EXISTING	ADDRESS	25+72	RT				2.25	-	1		2.25		
		EXISTING	FIRE HYDRANT MARKER	25+93	LT				1	10.5	1				
26+00	32+00	R2-1	SPEED LIMIT 35	27+11	RT	18X24	3			14	1				
		R7-1	NO PARKING ANY TIME			12X18	1.5								
		EXISTING	14 TON WEIGHT LIMIT AHEAD ON JOHN'S DRIVE			12X18									
		R12-1	WEIGHT LIMIT 10 TONS	28+00	LT	24X36	6			14.25	1				
		W16-8P	"JOHNS DRIVE"			24X9	1.5								
		EXISTING	FIRE HYDRANT MARKER	28+69	LT				1	10.5	1				
		W6-1	DIVIDED HIGHWAY	28+82	RT	36X36	9			13.5					
		EXISTING	ENTER	28+88	RT					-					
		EXISTING	EXIT	29+54	RT					-					
		EXISTING	DO NOT BLOCK DRIVEWAY ENTRANCE												
		N/A	DO NOT BLOCK DRIVEWAY	30+46	LT	24X30	5			13	1				
		R4-7	KEEP RIGHT	31+02	RT	24X30	5			13					
32+00	38+00	R4-7	KEEP RIGHT	33+37	RT	24X30	5			13			3		
		R4-7	KEEP RIGHT	37+14	RT	24X30	5			13					
		EXISTING	NO SEMI TRUCKS	37+51	LT					10.5	1		3		
38+00	44+00	EXISTING	FIRE HYDRANT MARKER	40+84	RT				1	10.5	1		x		
		W11-2	PEDESTRIAN	40+92	RT			1		-					
		W16-9P	AHEAD												
		D3-1	STREET NAME X2	43+78	RT	36X9 (2)			4.5	11.25	1				
		D3-1	STREET NAME X2			36X9 (2)			4.5						
		W11-2	PEDESTRIAN	43+82	LT	36X36					1		9	1	
		W16-7P	DOWNWARD DIAGONAL ARROW			24X12							2		
		EXISTING	NEIGHBORHOOD WATCH	43+92	RT					-					
		W11-2	PEDESTRIAN	43+94	RT	36X36					1		9	1	
		W16-7P	DOWNWARD DIAGONAL ARROW			24X12							2		
44+00	50+00	D3-1	STREET NAME X2	45+33	LT	36X9 (2)			4.5	12.5		1			
		D3-1	STREET NAME X2			36X9 (2)			4.5						
		W14-2aR	NO OUTLET (ARROW) X2			24X6 (2)			2						
		R1-1	STOP	45+38	LT					-					
		W11-2	PEDESTRIAN	46+25	LT	36X36	9	1		14.5					
		W16-9P	AHEAD			24X12	2								
		R2-1	SPEED LIMIT 35	46+50	RT	18X24	3			12.5	1				
		D3-1	STREET NAME (2X)			36X9 (2)							4.5		
		D3-1	STREET NAME (2X)	47+63	RT	36X9 (2)				11.75		1	4.5		
		W14-2aL	NO OUTLET (ARROW)			24X6 (2)							2		
		EXISTING	NEIGHBORHOOD WATCH	47+80	RT			1	3	10.5	1				
		R1-1	STOP	48+13	RT	36X36	9		9	13.5		1			
		EXISTING	FIRE HYDRANT MARKER						1						
50+00	56+00	D3-1	STREET NAME SIGN (2X)	50+84	LT	36X9 (2)			4.5	11.75		1			
		D3-1	STREET NAME SIGN (2X)			36X9 (2)			4.5						
		W14-2aR	NO OUTLET (ARROW)			24X6 (2)			2						
		R1-1	STOP	50+96	LT	36X36	9			13.5	1				
		R10-7	DO NOT BLOCK INTERSECTION	51+79	LT	24X30	5			13	1				
		R2-1	SPEED LIMIT 35	54+06	LT	18X24									
		W4-2	LANE DROP	55+61	LT	36X36	9			15		1			
		R7-1	NO PARKING ANY TIME			12X18	1.5								
		EXISTING	DO NOT BLOCK DRIVEWAY ENTRANCE	55+85	RT	12X18				13.5	1				
		N/A	DO NOT BLOCK DRIVEWAY			12X18	1.5								
56+00	56+51	R7-1	NO PARKING ANY TIME	56+05	LT	12X18	1.5			16.5	1				
		EXISTING	NO STOPPING OR STANDING			12X18			1.5						
		EXISTING	14 TON WEIGHT LIMIT AHEAD ON JOHN'S DRIVE			12X18									
		R12-1	WEIGHT LIMIT 10 TONS			24X36	6								
600+75	602+54	R5-1	DO NOT ENTER	600+89	LT	24X24	4			12.5	1				
		R2-1	SPEED LIMIT 35	601+80	RT	18X24	3			14	1				
		R7-1	NO PARKING ANY TIME			12X18	1.5								
		EXISTING	NO PARKING THIS SIDE OF STREET	601+90	LT	12X18			1.5	12	1				
		EXISTING	NO PARKING THIS SIDE OF STREET	602+48	LT	12X18			1.5	12	1				
PROJECT TOTAL							180.75	2	1	69.75	492.5	26	9	56.25	2

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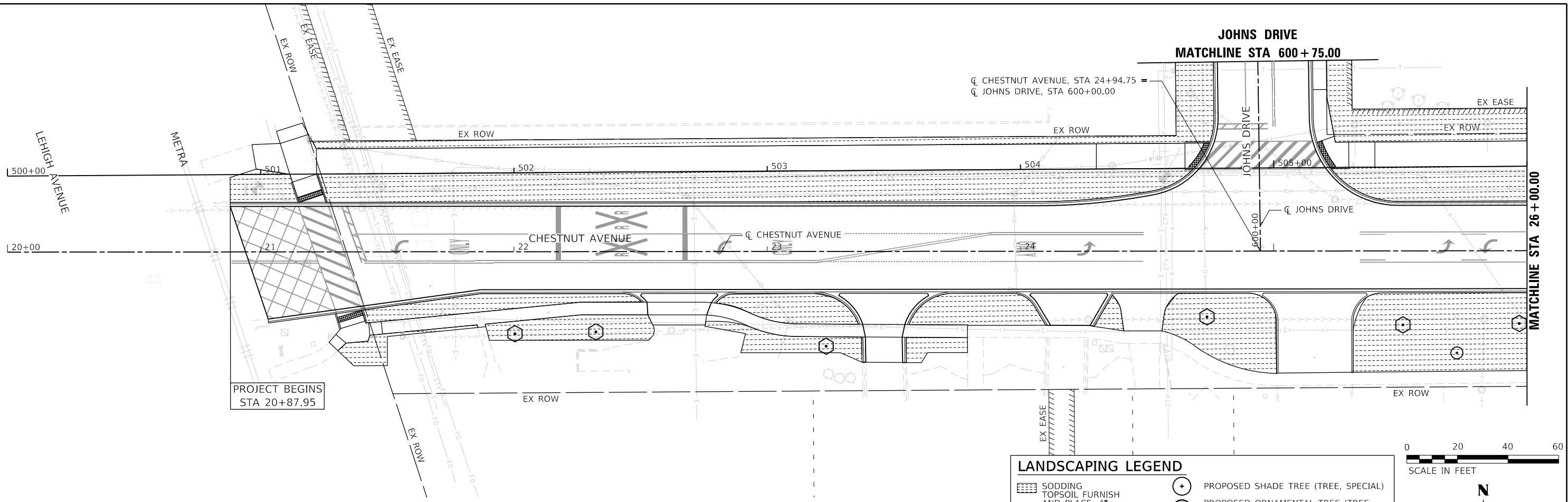
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED
SIGNING PLANS SCHEDULE

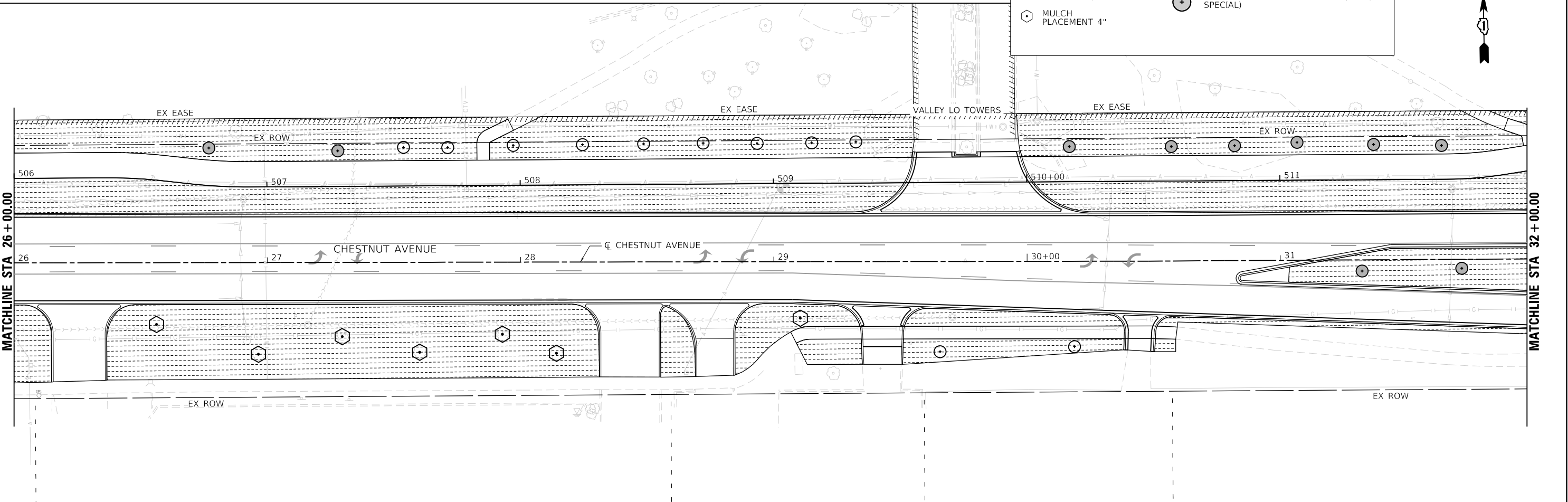
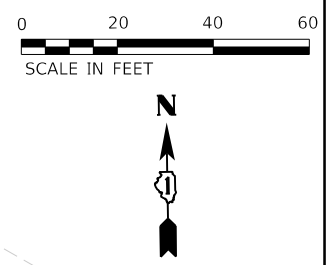
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	83
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

	SODDING TOPSOIL FURNISH AND PLACE, 4"		PROPOSED SHADE TREE (TREE, SPECIAL)
	MULCH PLACEMENT 4"		PROPOSED ORNAMENTAL TREE (TREE, SPECIAL)



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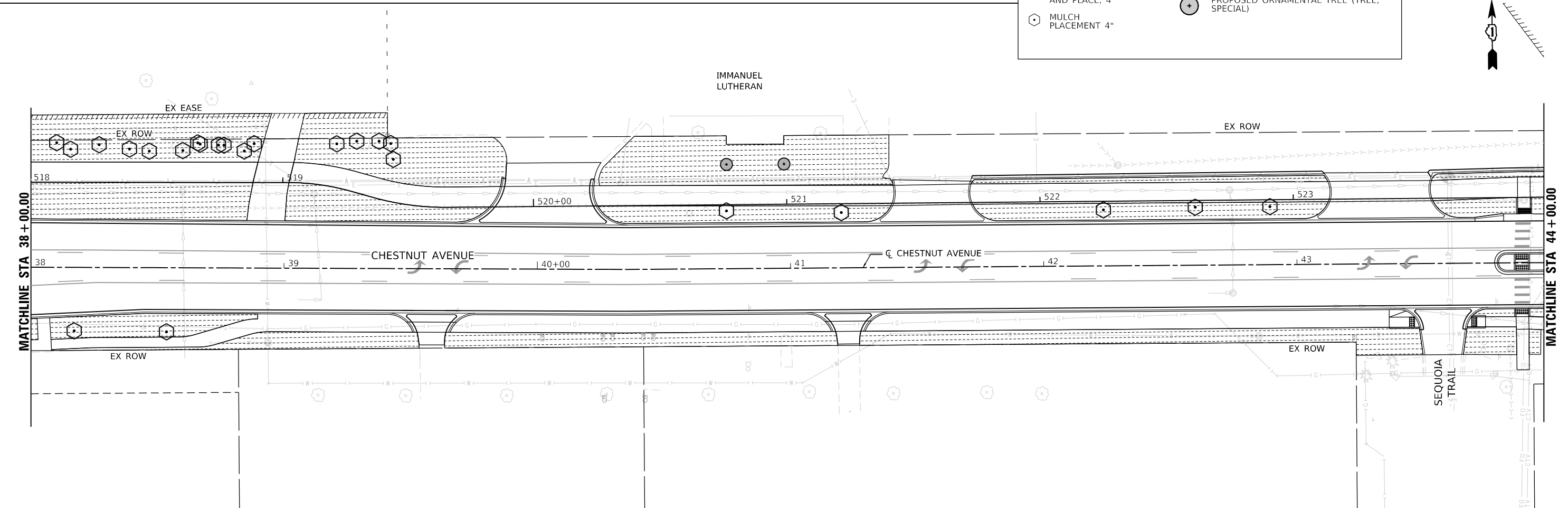
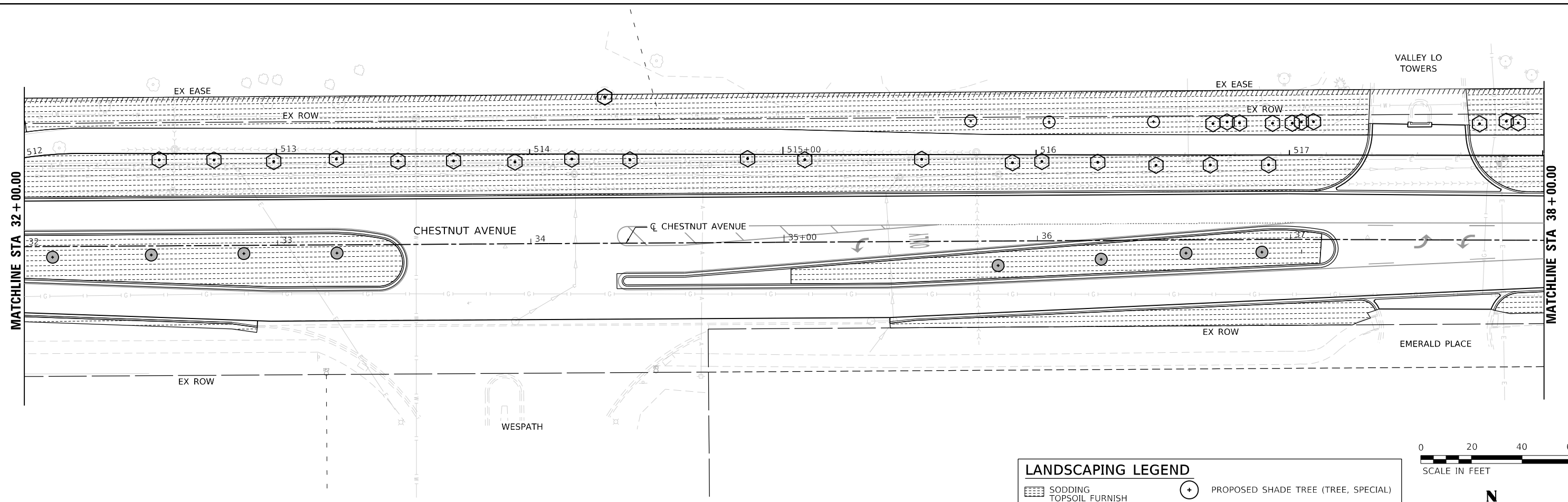
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS
CHESTNUT AVENUE**

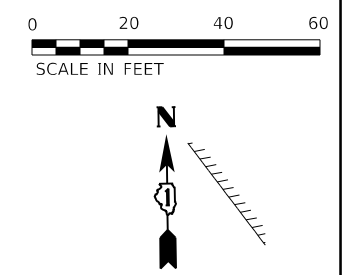
SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 20+00 TO STA. 32+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 84
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

	SODDING TOPSOIL FURNISH AND PLACE, 4"		PROPOSED SHADE TREE (TREE, SPECIAL)
	MULCH PLACEMENT 4"		PROPOSED ORNAMENTAL TREE (TREE, SPECIAL)



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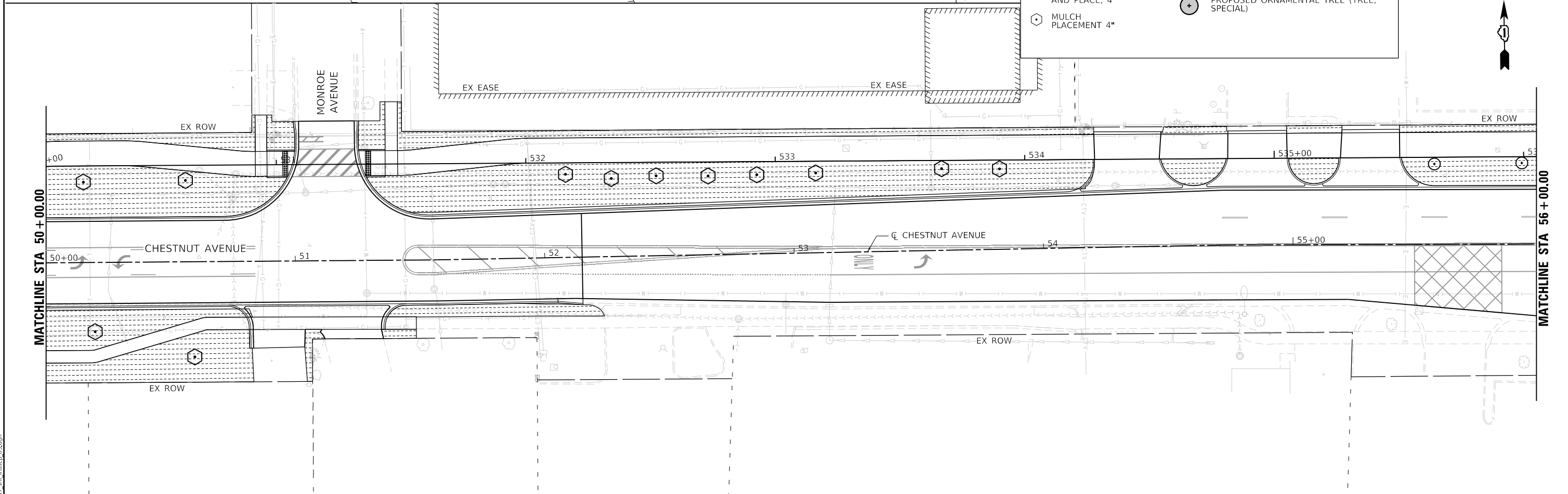
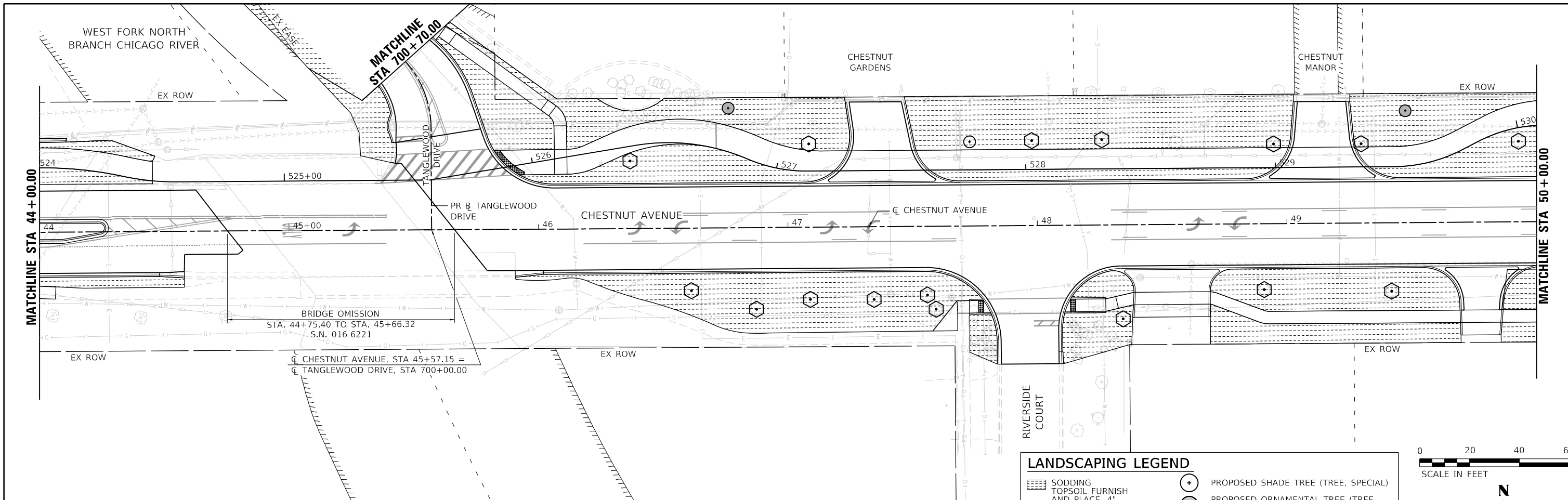
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	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS
CHESTNUT AVENUE**

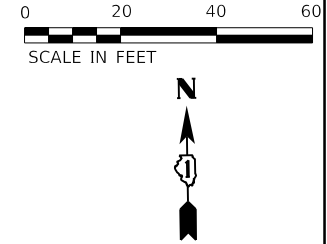
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F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 85
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND

- SODDING TOPSOIL FURNISH AND PLACE, 4"
- MULCH PLACEMENT 4"
- PROPOSED SHADE TREE (TREE, SPECIAL)
- PROPOSED ORNAMENTAL TREE (TREE, SPECIAL)



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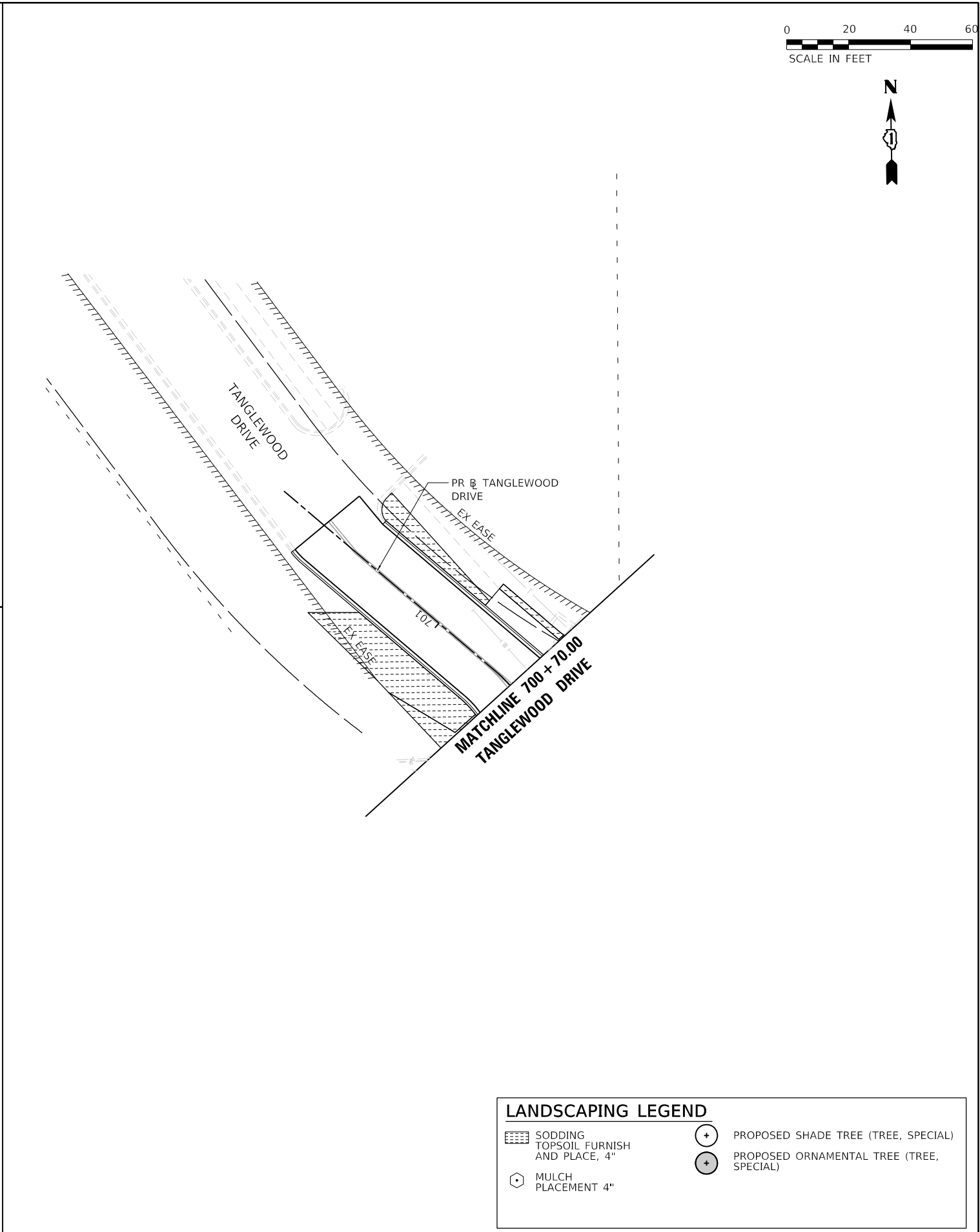
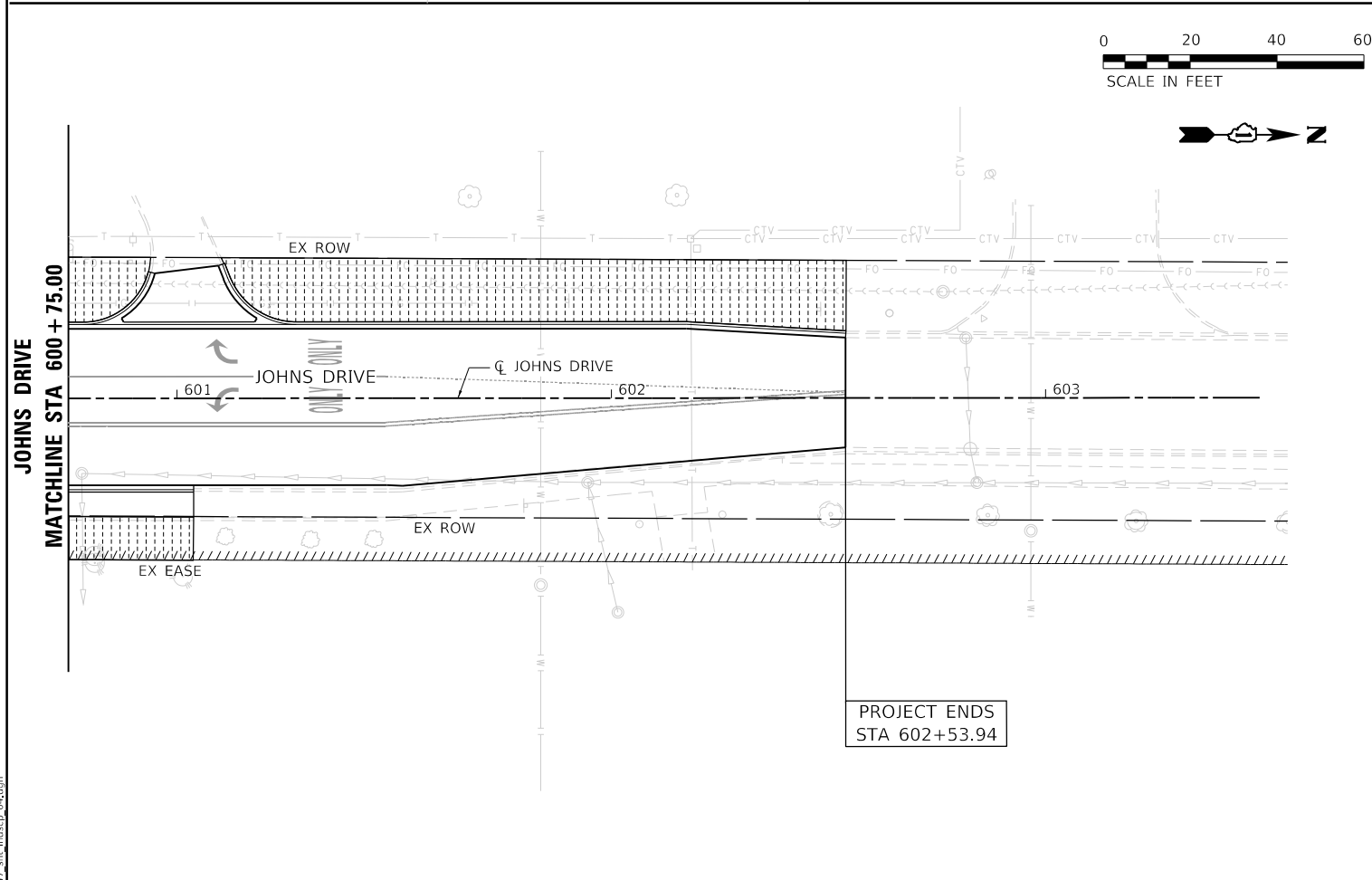
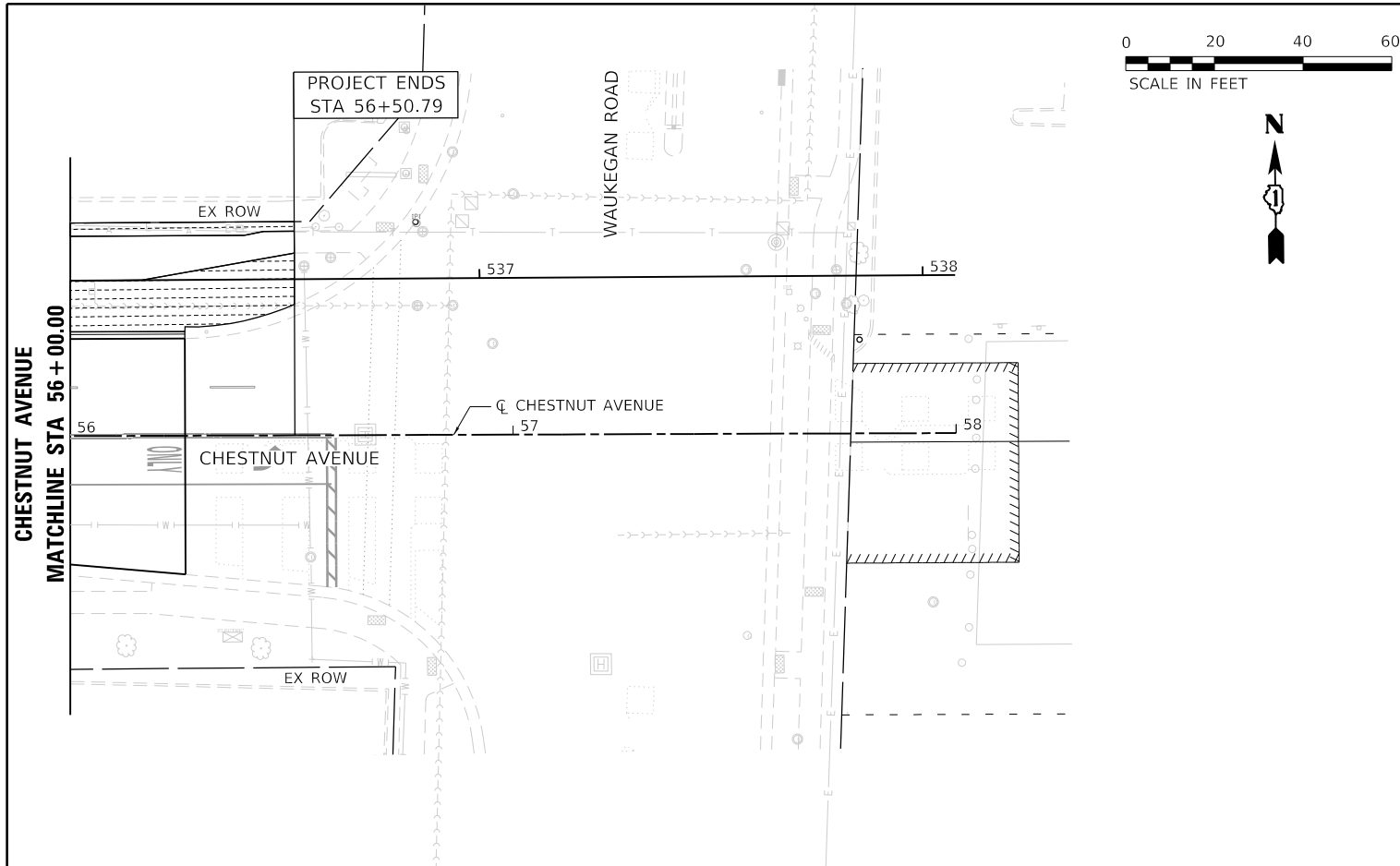
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DRAWN HS	REVISIONS	
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANS
CHESTNUT AVENUE

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 44+00 TO STA. 56+00

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 86
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LEGEND	
	SODDING TOPSOIL FURNISH AND PLACE, 4"
	MULCH PLACEMENT 4"
	PROPOSED SHADE TREE (TREE, SPECIAL)
	PROPOSED ORNAMENTAL TREE (TREE, SPECIAL)

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	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

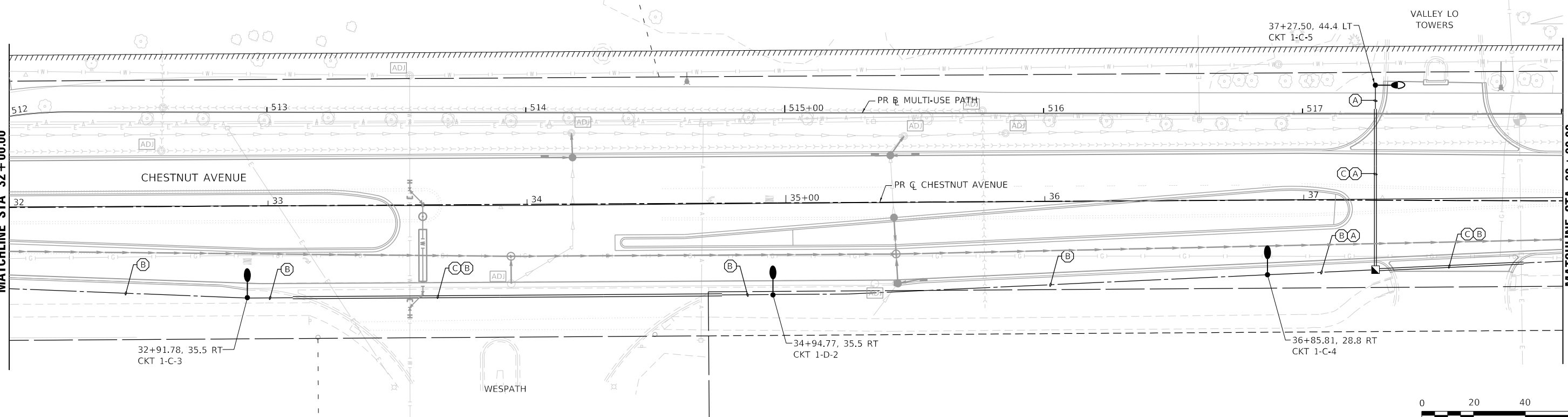
LANDSCAPING PLANS
CHESTNUT AVENUE, JOHNS DRIVE AND TANGLEWOOD DRIVE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	87
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 56+00 TO STA. 56+50.79

MATCHLINE STA 32+00.00

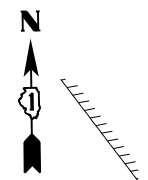
MATCHLINE STA 38+00.00



LIGHTING LEGEND

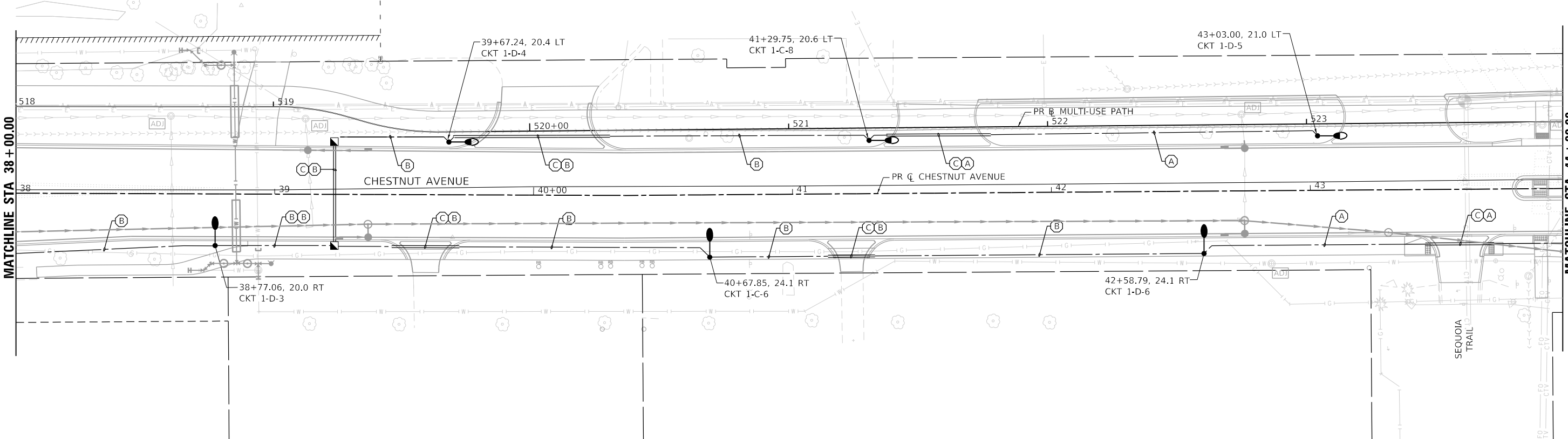
- LIGHTING UNIT COMPLETE, SPECIAL (X8250500)
26' MOUNTING HEIGHT, 6' MAST ARM
- ORNAMENTAL LIGHT UNIT COMPLETE (X0326654)
18' MOUNTING HEIGHT, 1' MAST ARM
- ▣ PROPOSED CONTROLLER
- ▣ PROPOSED HANDHOLE
- ELECTRIC CABLE IN CONDUIT
- UNDERGROUND CONDUIT GALV. STEEL SLEEVE
- CKT X-X-X LIGHTING CONTROLLER NUMBER-PHASE-CIRCUIT NUMBER
- (A) UNIT DUCT, 600V, 2-1C NO.8/1C NO.8 GROUND, (XLP-TYPE USE), 1.25" DIA. POLYTHYLENE
- (B) UNIT DUCT, 600V 4-1C NO.8/1C NO.8 GROUND, (XLP-TYPE USE), 1.25" DIA. POLYTHYLENE
- (C) PULL UNIT DUCT OR CABLE THROUGH UNDERGROUND CONDUIT, GALVANIZED STEEL 3" DIA.
- (D) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/2" DIA.

NOTE: LIGHTING REMOVALS ARE SHOWN ON THE DRAINAGE AND UTILITY REMOVAL PLAN.



MATCHLINE STA 38+00.00

MATCHLINE STA 44+00.00



MODEL: Default
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISOR

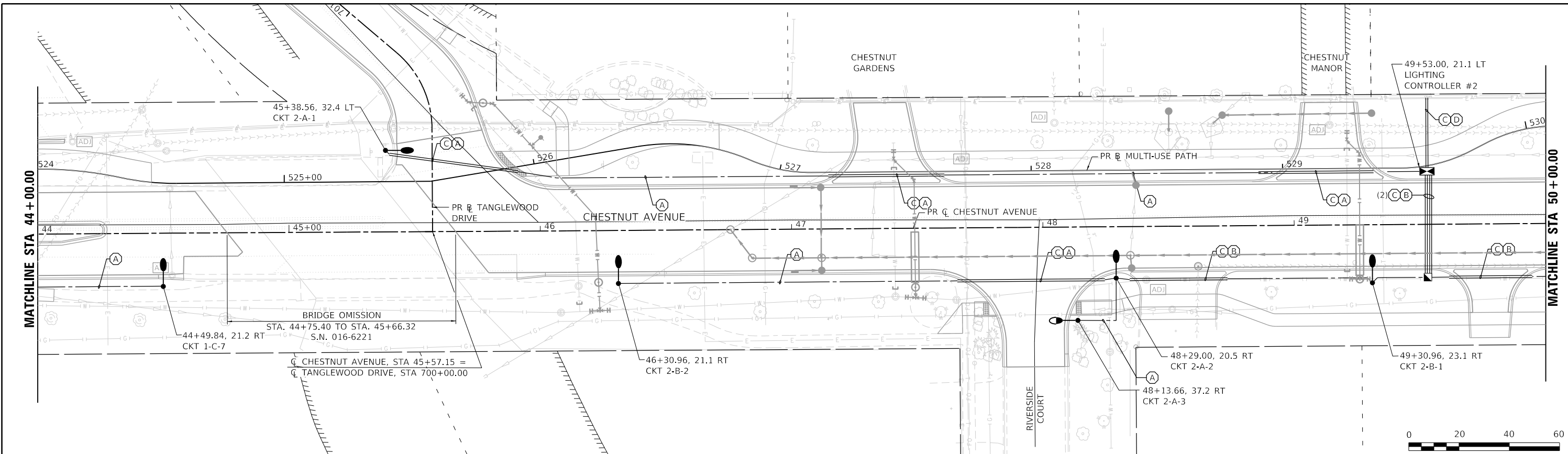
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLANS
CHESTNUT AVENUE**

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. 32+00 TO STA. 44+00

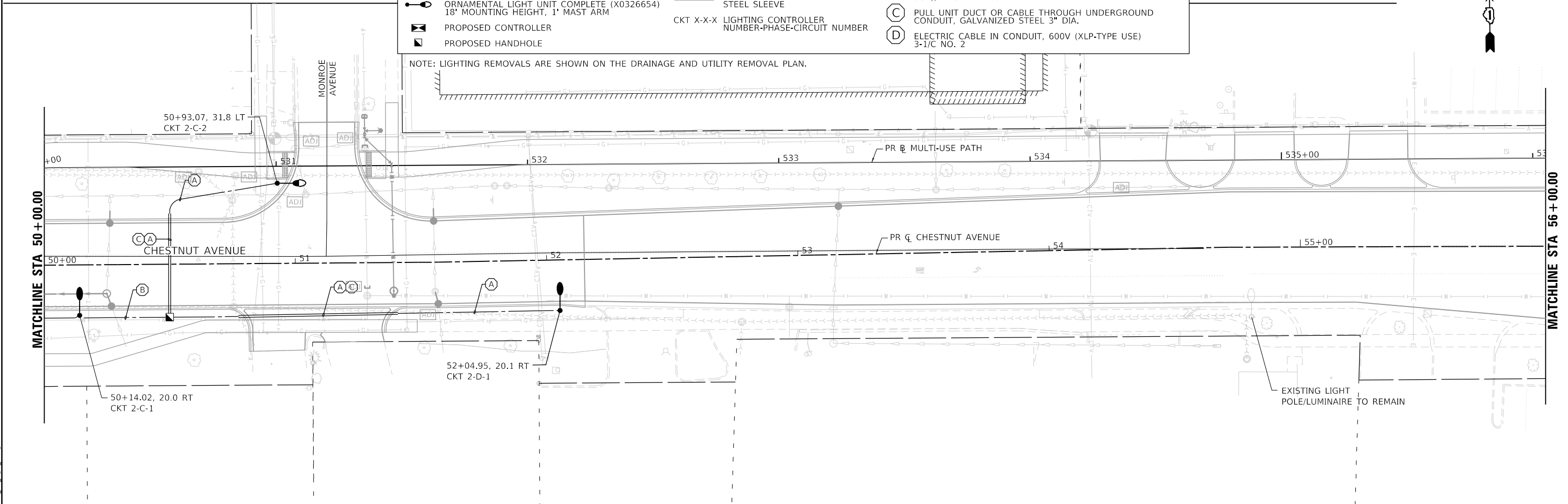
F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 89
CONTRACT NO. 61H71				

ILLINOIS FED. AID PROJECT



LIGHTING LEGEND	
	LIGHTING UNIT COMPLETE, SPECIAL (X8250500) 26' MOUNTING HEIGHT, 6' MAST ARM
	ORNAMENTAL LIGHT UNIT COMPLETE (X0326654) 18' MOUNTING HEIGHT, 1' MAST ARM
	PROPOSED CONTROLLER
	PROPOSED HANDHOLE
	ELECTRIC CABLE IN CONDUIT
	UNDERGROUND CONDUIT GALV. STEEL SLEEVE
	CKT X-X-X LIGHTING CONTROLLER NUMBER-PHASE-CIRCUIT NUMBER
	A UNIT DUCT, 600V, 2-1C NO.8/1C NO.8 GROUND, (XLP-TYPE USE), 1.25" DIA. POLYTHYLENE
	B UNIT DUCT, 600V 4-1C NO.8/1C NO.8 GROUND, (XLP-TYPE USE), 1.25" DIA. POLYTHYLENE
	C PULL UNIT DUCT OR CABLE THROUGH UNDERGROUND CONDUIT, GALVANIZED STEEL 3" DIA.
	D ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2

NOTE: LIGHTING REMOVALS ARE SHOWN ON THE DRAINAGE AND UTILITY REMOVAL PLAN.



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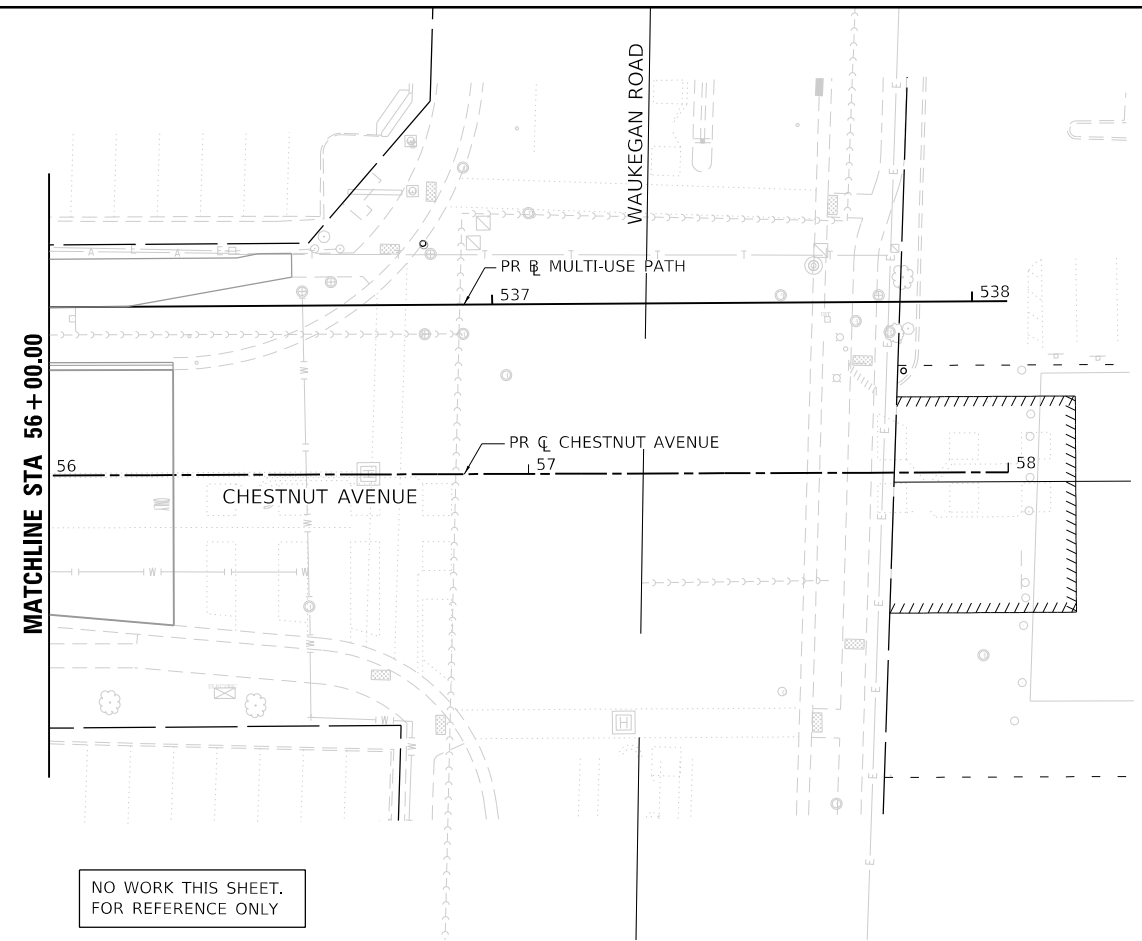
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLANS
CHESTNUT AVENUE**

SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 44+00 TO STA. 56+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	90
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



NO WORK THIS SHEET.
FOR REFERENCE ONLY

LIGHTING LEGEND

- LIGHTING UNIT COMPLETE, SPECIAL (X8250500)
26' MOUNTING HEIGHT, 6' MAST ARM
- ORNAMENTAL LIGHT UNIT COMPLETE (X0326654)
18' MOUNTING HEIGHT, 1' MAST ARM
- ⊠ PROPOSED CONTROLLER
- ◻ PROPOSED HANDHOLE
- ELECTRIC CABLE IN CONDUIT
- UNDERGROUND CONDUIT GALV. STEEL SLEEVE
- CKT X-X-X LIGHTING CONTROLLER NUMBER-PHASE-CIRCUIT NUMBER
- (A) UNIT DUCT, 600V, 2-1C NO.8/1C NO.8 GROUND, (XLP-TYPE USE), 1.25" DIA. POLYTHYLENE
- (B) UNIT DUCT, 600V 4-1C NO.8/1C NO.8 GROUND, (XLP-TYPE USE), 1.25" DIA. POLYTHYLENE
- (C) PULL UNIT DUCT OR CABLE THROUGH UNDERGROUND CONDUIT, GALVANIZED STEEL 3" DIA.
- (D) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2

NOTE: LIGHTING REMOVALS ARE SHOWN ON THE DRAINAGE AND UTILITY REMOVAL PLAN.

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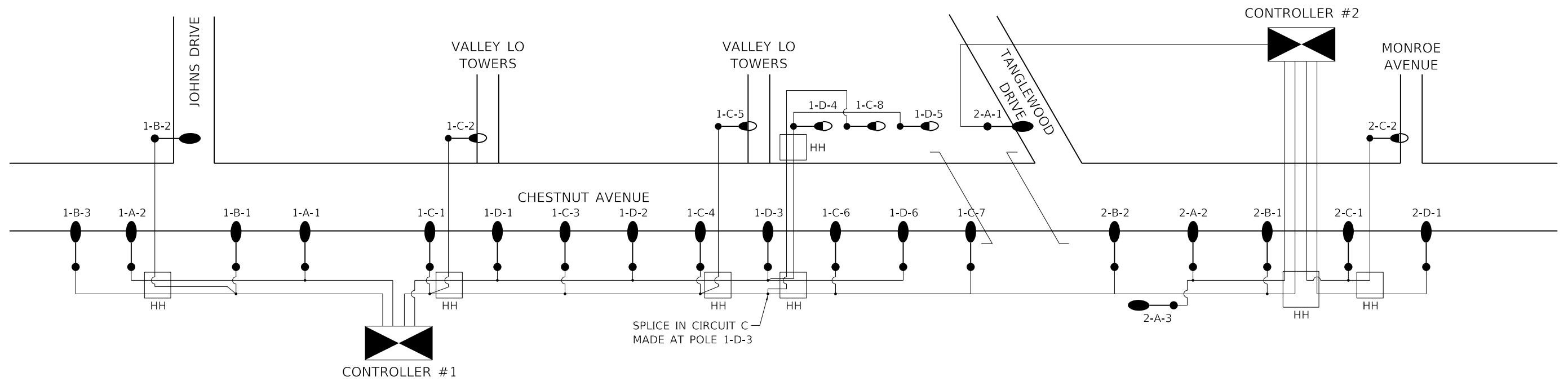
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLANS
CHESTNUT AVENUE**

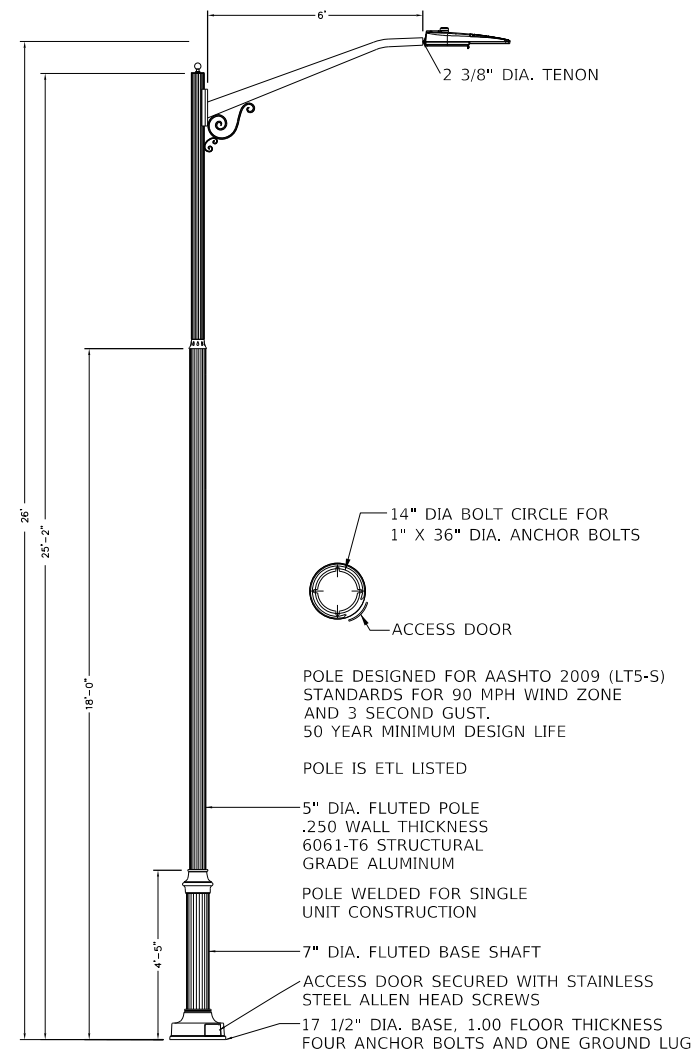
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	91
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

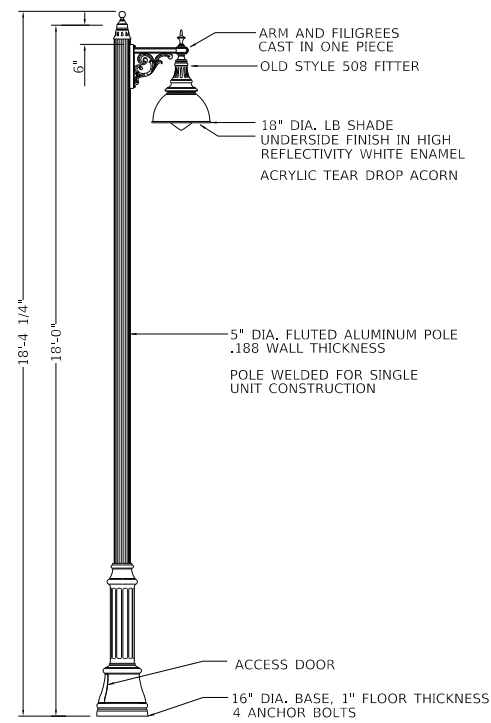


CHESTNUT AVENUE LIGHTING SCHEMATIC

CIRCUITING NOTE: SPLICES ARE ALWAYS MADE AT THE POLES, NOT IN BELOW-GRADE HANDHOLES.



LIGHT POLE DETAIL - 26'
LIGHTING UNIT COMPLETE, SPECIAL (X8250500)



LIGHT POLE DETAIL - 18'
ORNAMENTAL LIGHT UNIT COMPLETE (X0326654)

MODEL Default
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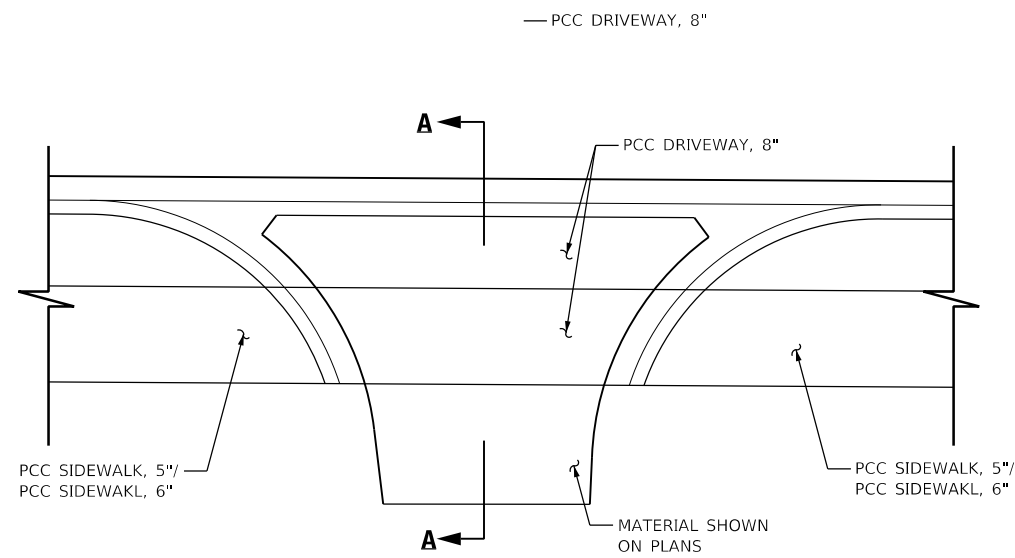
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	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

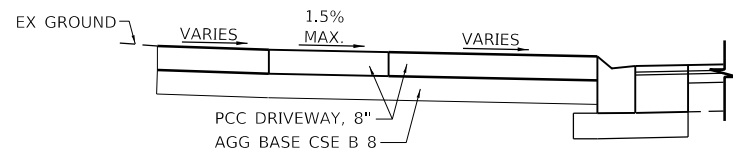
LIGHTING DETAILS

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. 0 TO STA. 0

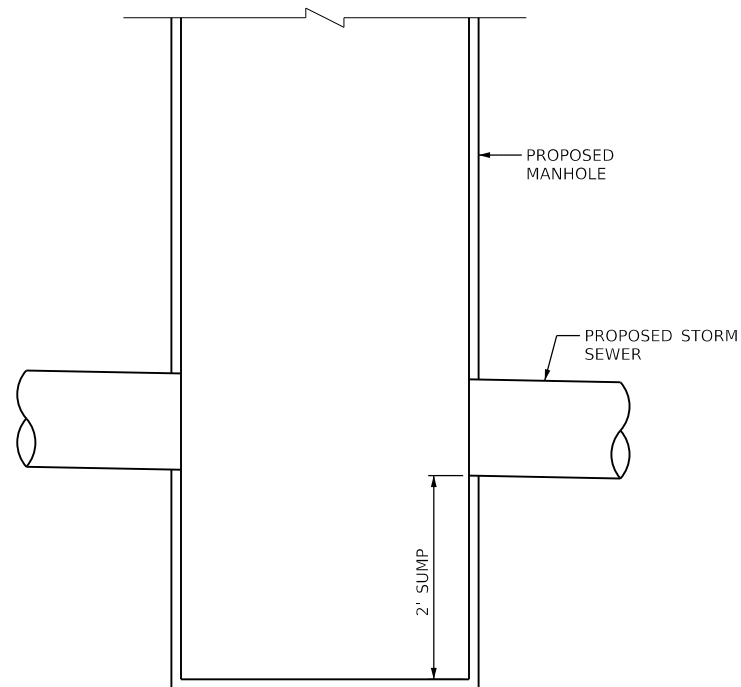
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CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



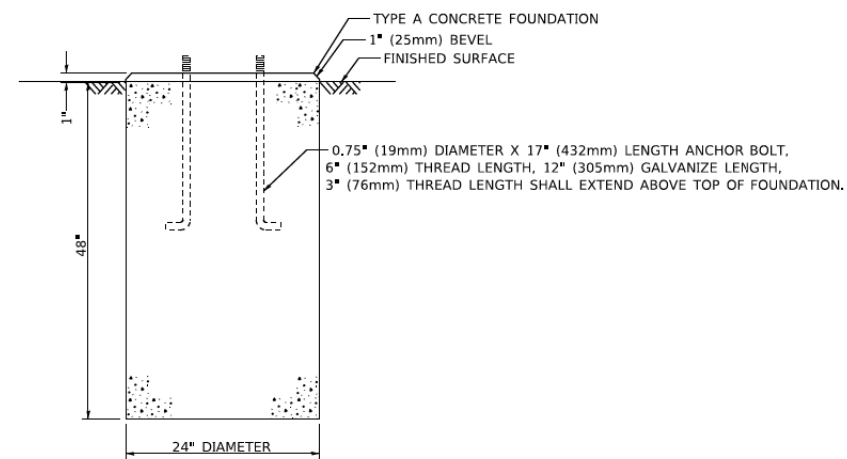
DRIVEWAY / SIDEWALK DETAIL
NTS



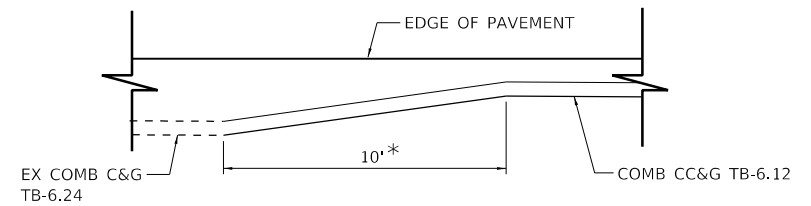
SECTION A-A
NTS



MANHOLE, SPECIAL DETAIL

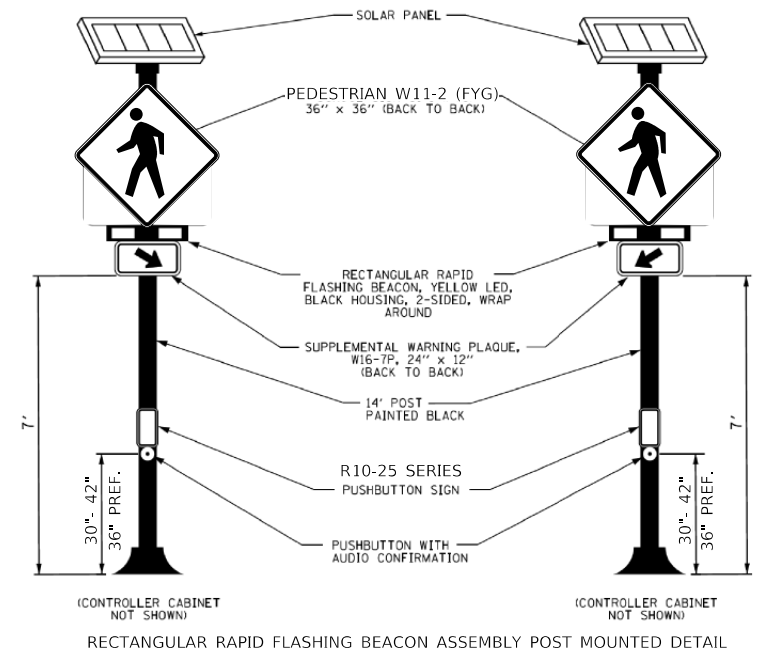


FOUNDATION DETAIL



**COMBINATION CURB & GUTTER
TRANSITION DETAIL**

* TRANSITION SEGMENT SHALL BE PAID FOR AS COMB C&G TB-6.12 UNLESS OTHERWISE NOTED.



RECTANGULAR RAPID FLASHING BEACON ASSEMBLY

NOTE: CENTER PUSHBUTTON SIGN WITH 2 EA 3/6 (M8) DIA. STAINLESS STEEL BOLTS 10" C-C

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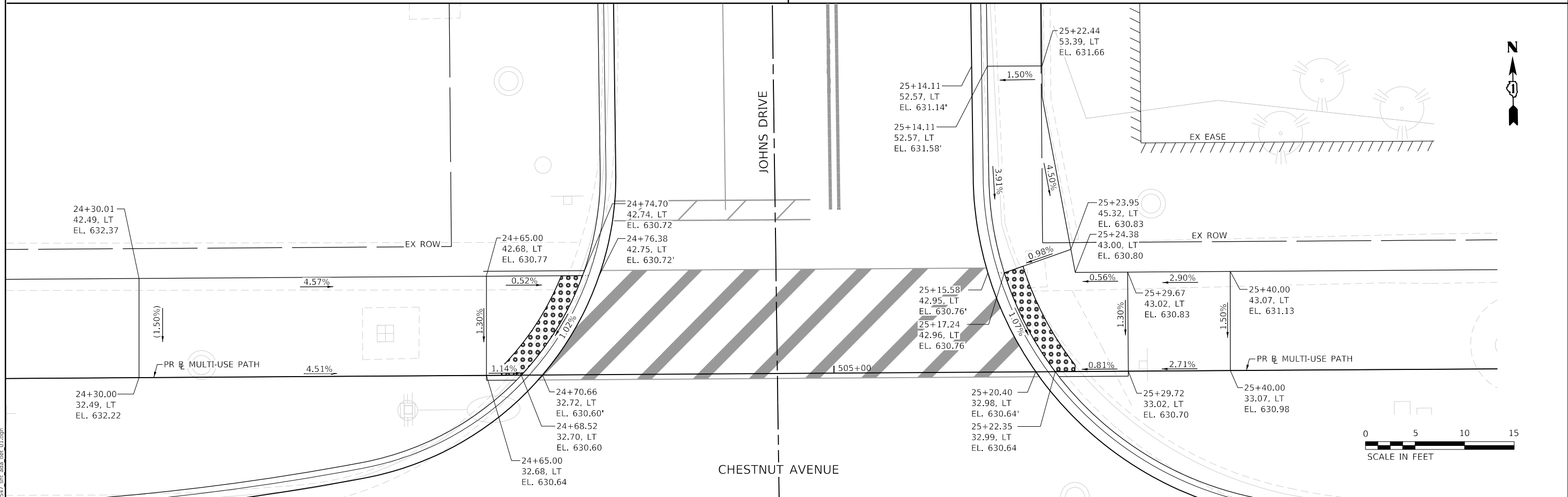
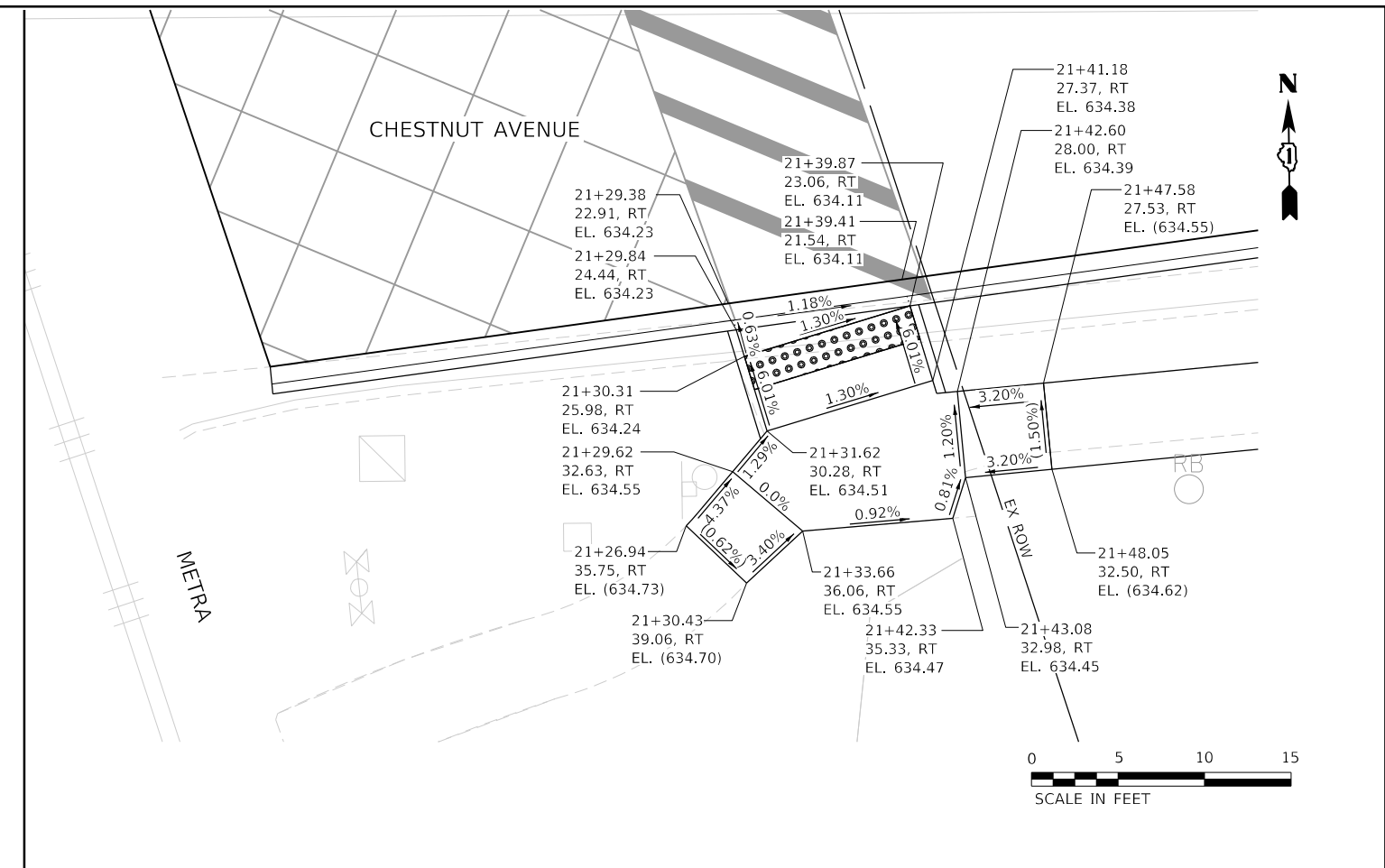
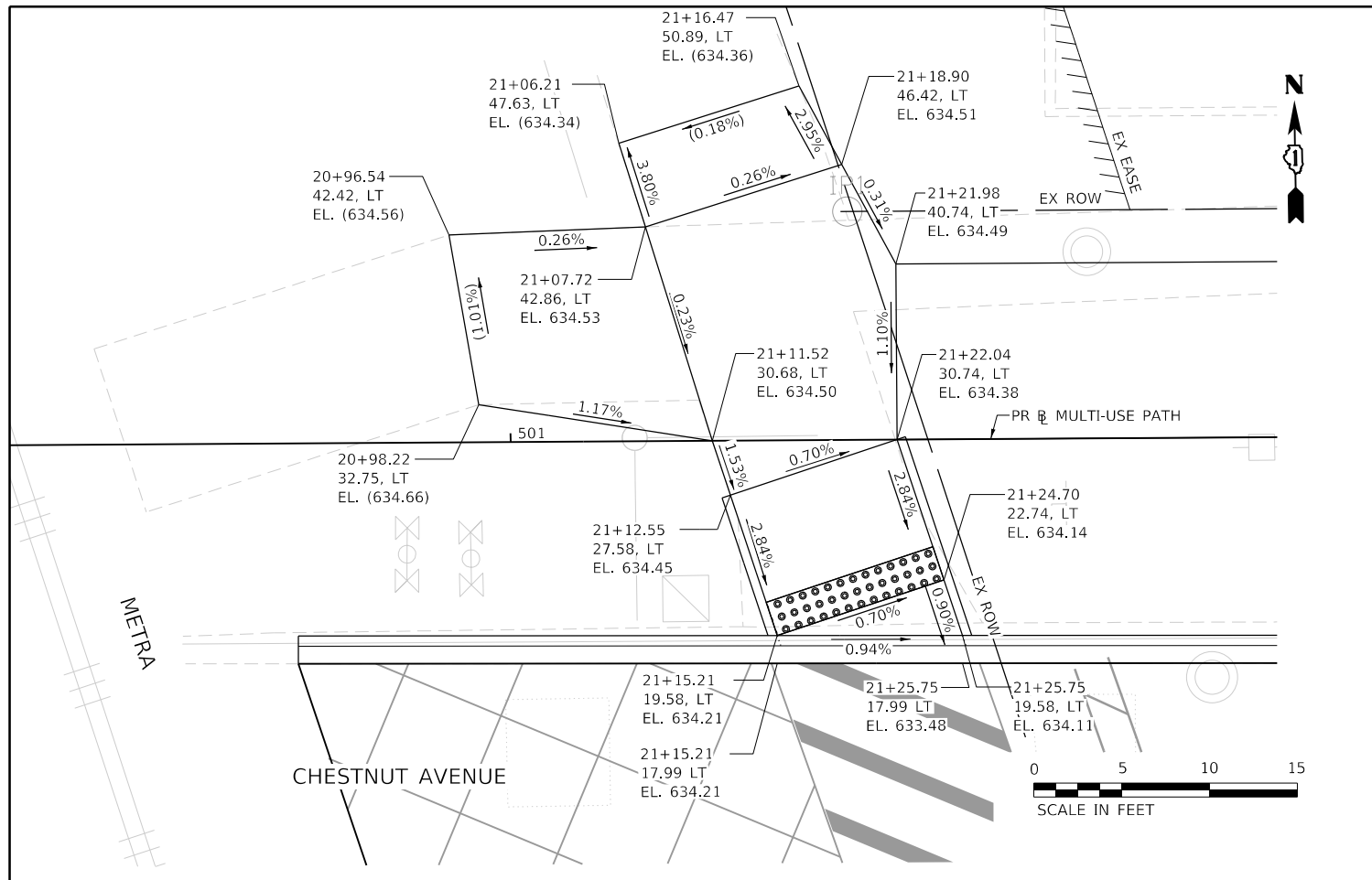
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND DRAINAGE DETAILS

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

F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	93
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



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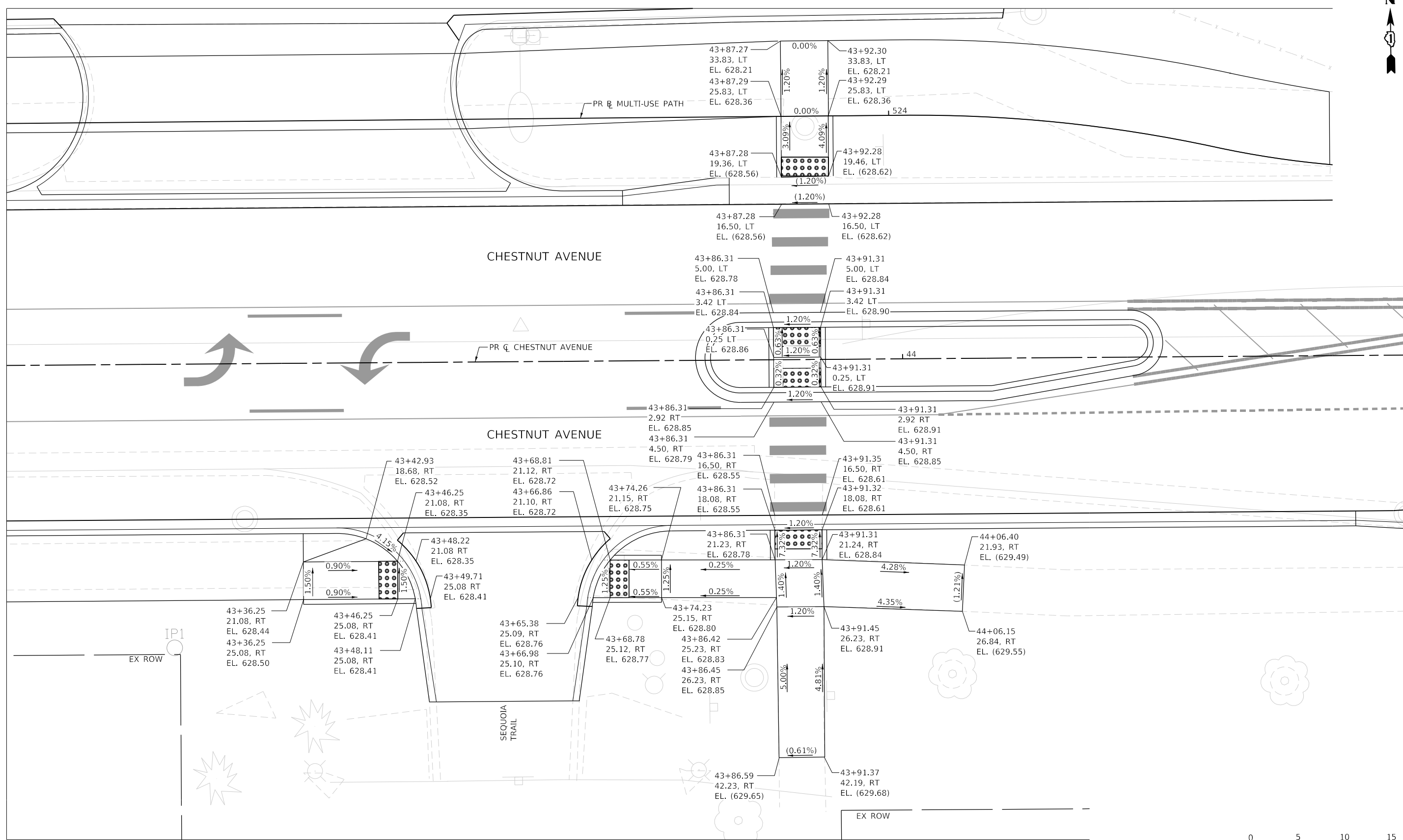
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAIL SHEET

SCALE: 1"=5' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	94
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

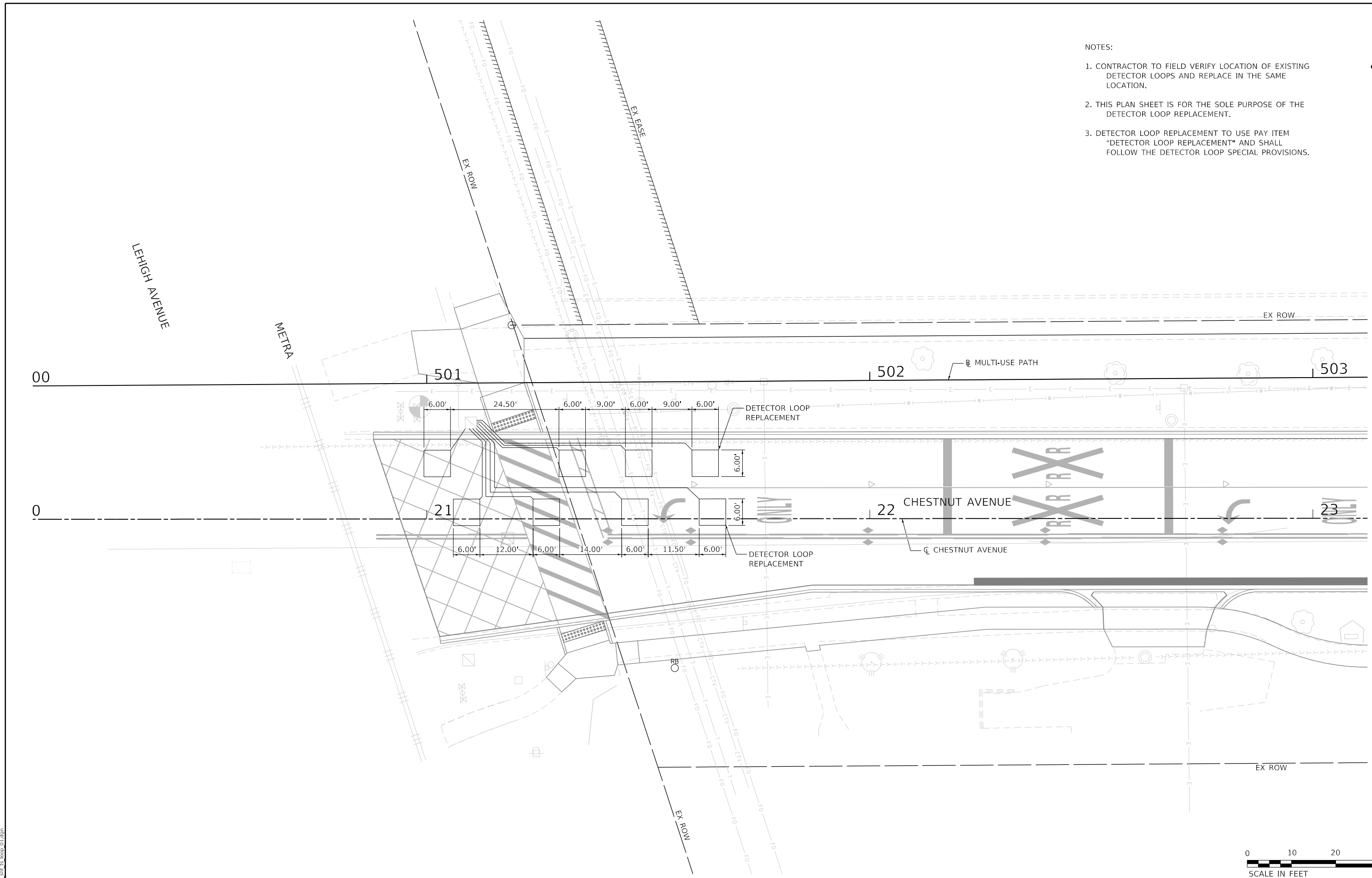
ADA DETAIL SHEET

SCALE: 1"=5' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	95
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING DETECTOR LOOPS AND REPLACE IN THE SAME LOCATION.
 2. THIS PLAN SHEET IS FOR THE SOLE PURPOSE OF THE DETECTOR LOOP REPLACEMENT.
 3. DETECTOR LOOP REPLACEMENT TO USE PAY ITEM "DETECTOR LOOP REPLACEMENT" AND SHALL FOLLOW THE DETECTOR LOOP SPECIAL PROVISIONS.



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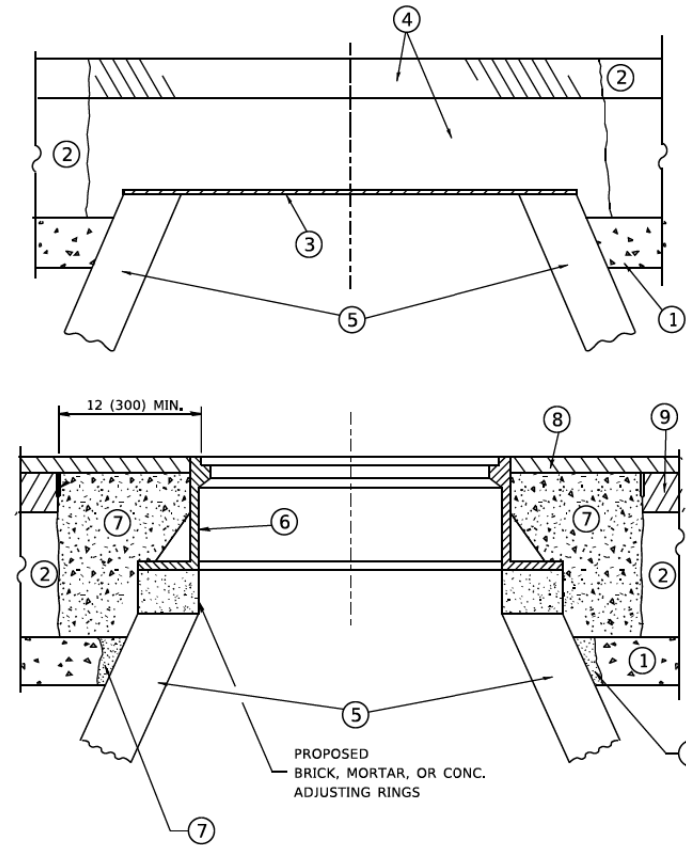


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PLOT DATE = 2/15/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CHESTNUT AVENUE DETECTOR LOOP REPLACEMENT		
SCALE: 1"=10'	SHEET 1 OF 1 SHEETS	STA. TO STA.

F.A.U. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 98
			CONTRACT NO. 61H71	
ILLINOIS FED. AID PROJECT				



NOTES

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 * CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT *THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1 *CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR *FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Default
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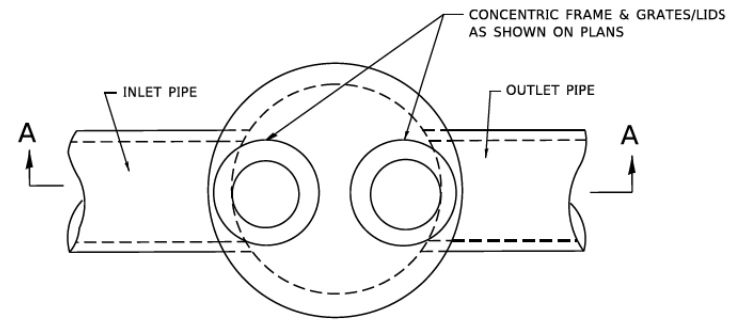
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

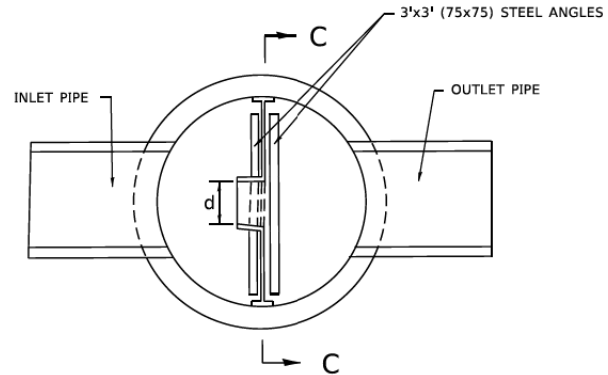
IDOT DISTRICT 1
STANDARD DETAILS

SCALE: NONE SHEET 1 OF 19 SHEETS STA. TO STA.

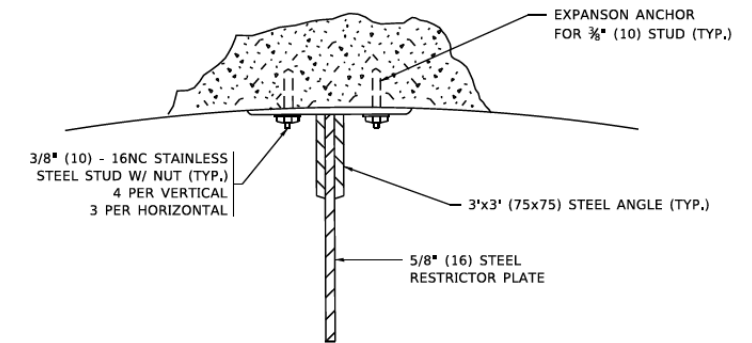
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	99
	BD-08		CONTRACT NO. 61H71	
		ILLINOIS	FED. AID PROJECT	



PLAN



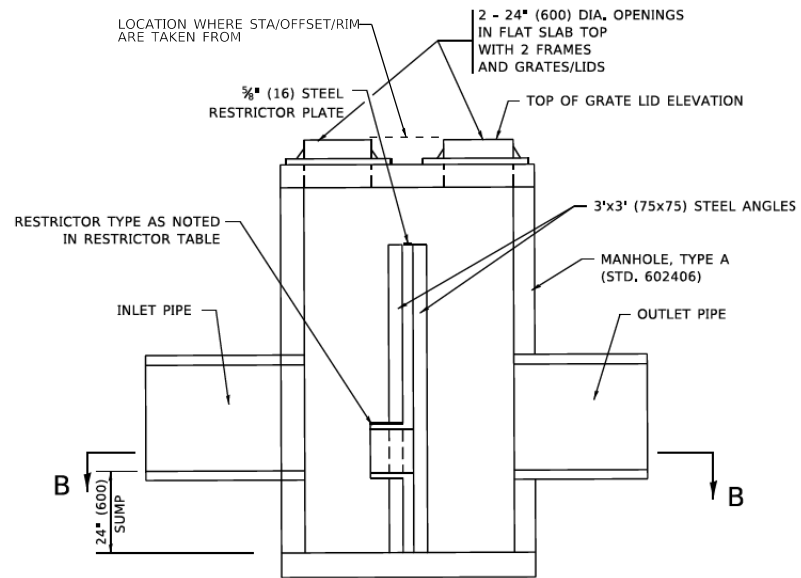
SECTION B-B



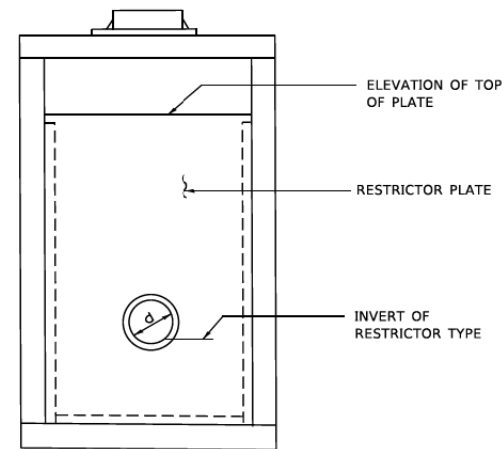
ANGLE FASTENER DETAIL

NOTES:

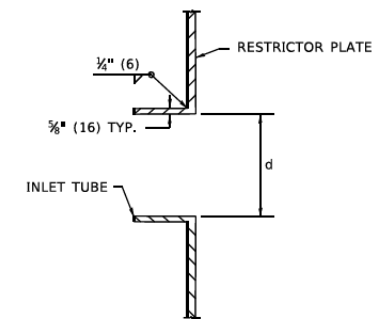
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



SECTION A-A

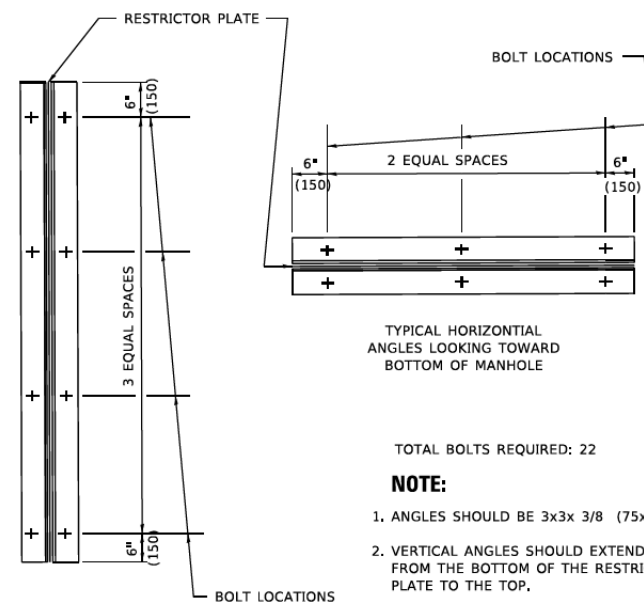


SECTION C-C



INLET TUBE DETAIL

STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW	
D10	43+30.10, 16.5' RT	6'	2 - CL	1	10"	621.93	625.00
E2	46+84.31, 11.4' RT	6'	2 - CL	1	11"	621.20	625.50



STEEL ANGLE BOLTING DETAILS

- TOTAL BOLTS REQUIRED: 22
- NOTE:**
1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
 2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
 3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

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

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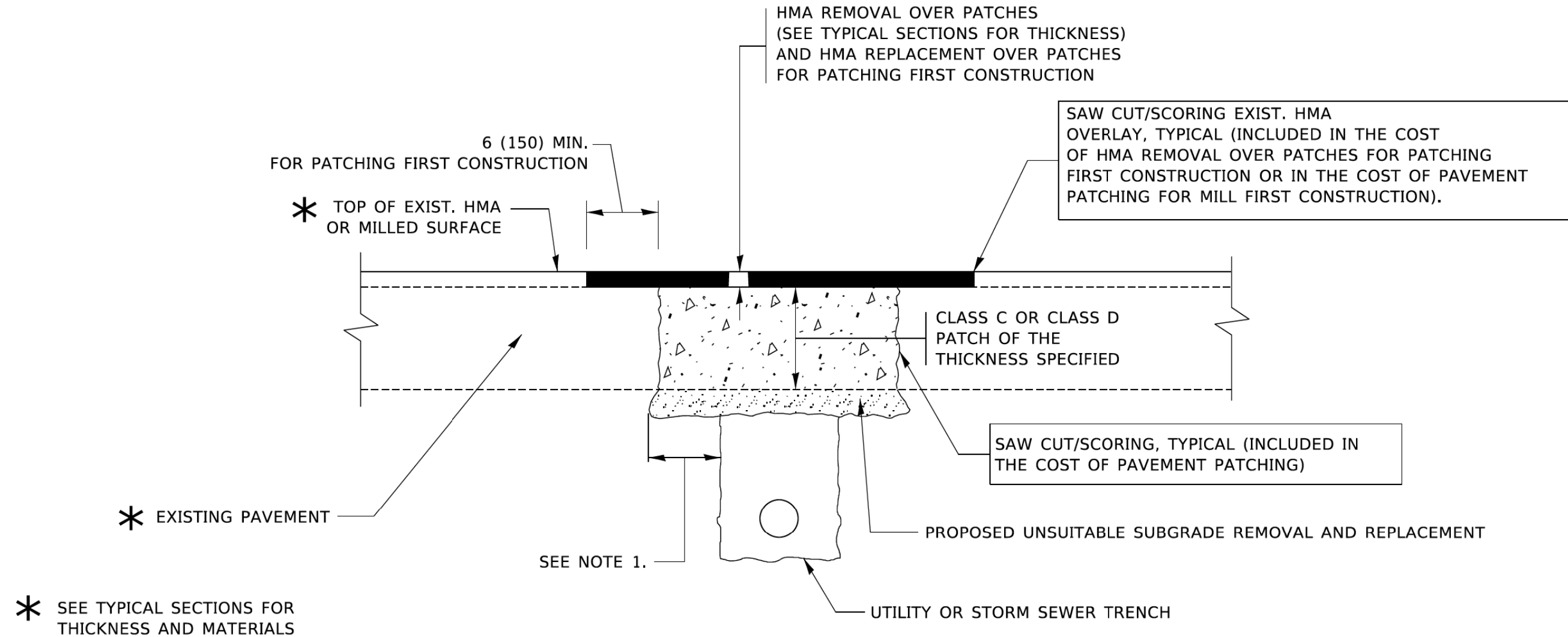
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	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

SCALE: NONE SHEET 2 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	100
	BD-12		CONTRACT NO. 61H71	
ILLINOIS FED. AID PROJECT				



NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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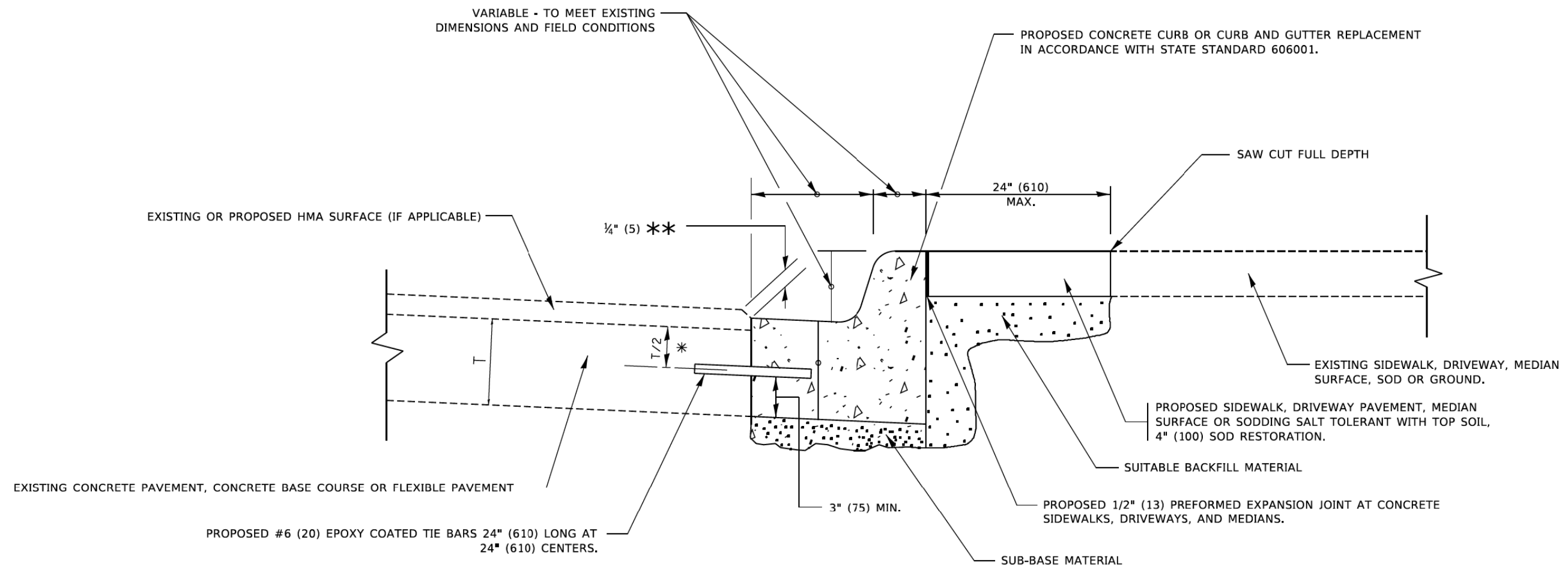
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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

SCALE: NONE SHEET 3 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	101
BD-22			CONTRACT NO. 61H71	
ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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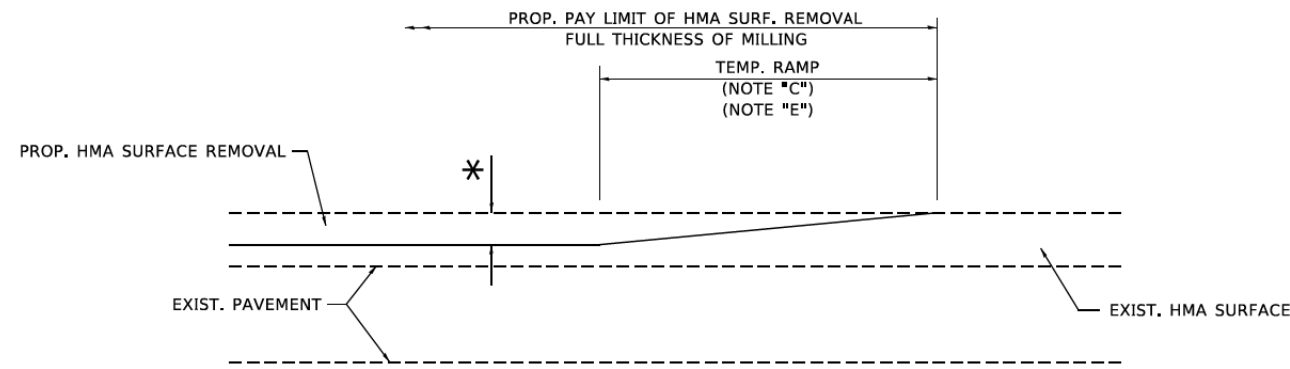


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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IDOT DISTRICT 1 STANDARD DETAILS	
SCALE: NONE	SHEET 4 OF 19 SHEETS STA. TO STA.

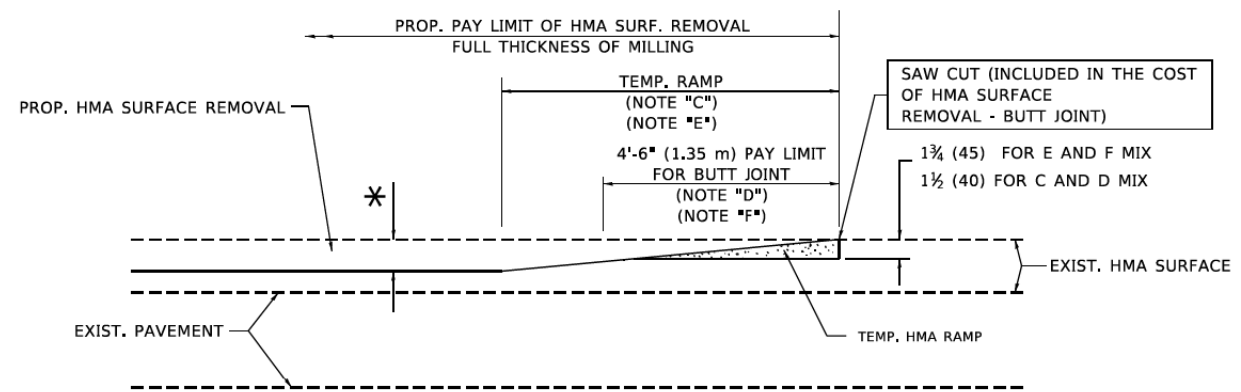
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1352	15-00190-00-PV	COOK	151	102
BD-24			CONTRACT NO. 61H71	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

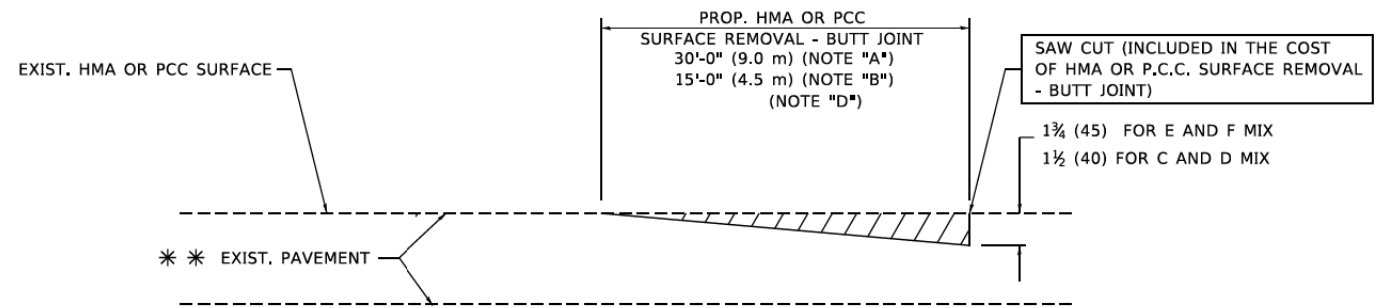


HMA CONSTRUCTED TEMPORARY RAMP

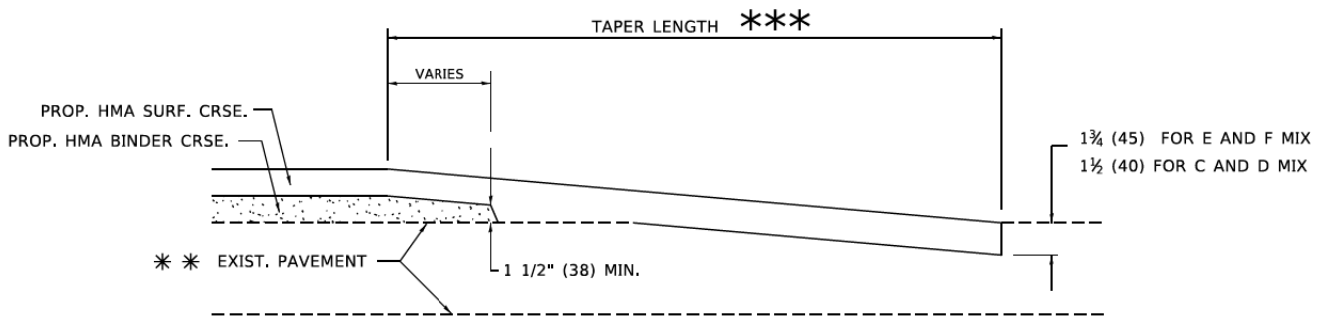
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

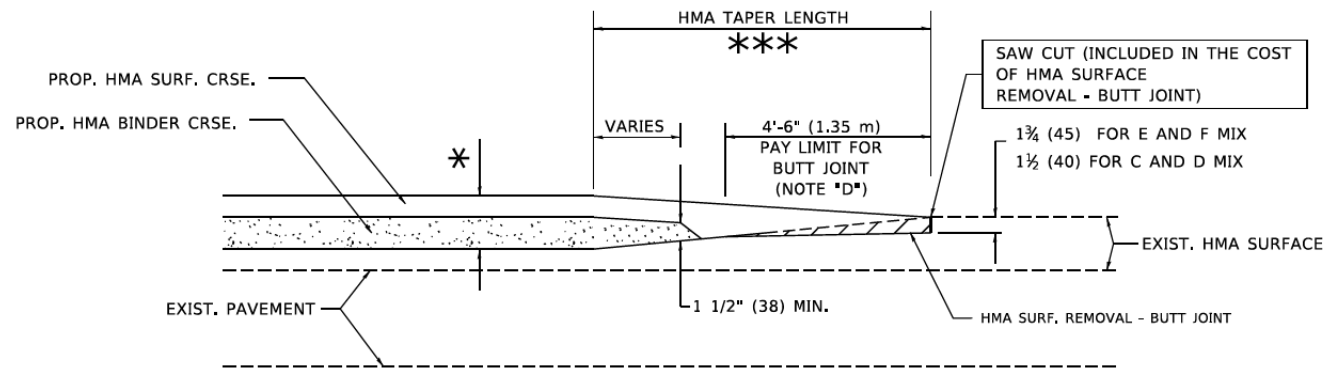
NOTES

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
* * * 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

MODEL: Default
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	DRAWN HS	REVISED
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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

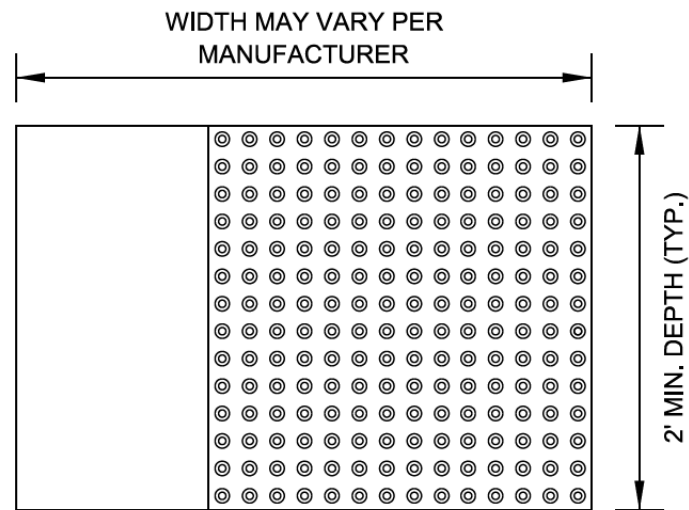
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

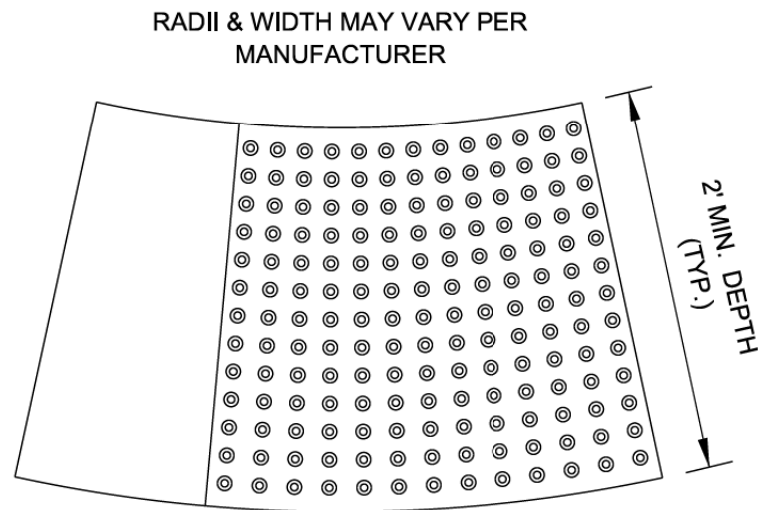
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	103
BD-32		CONTRACT NO. 61H71		
ILLINOIS FED. AID PROJECT				

STRAIGHT DETECTABLE WARNING UNITS



RADIAL DETECTABLE WARNING UNITS

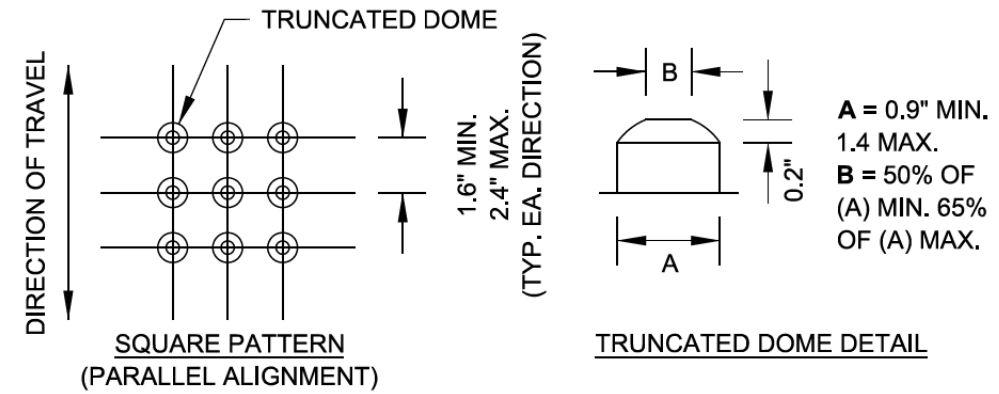


DETECTABLE WARNING UNIT SIZES

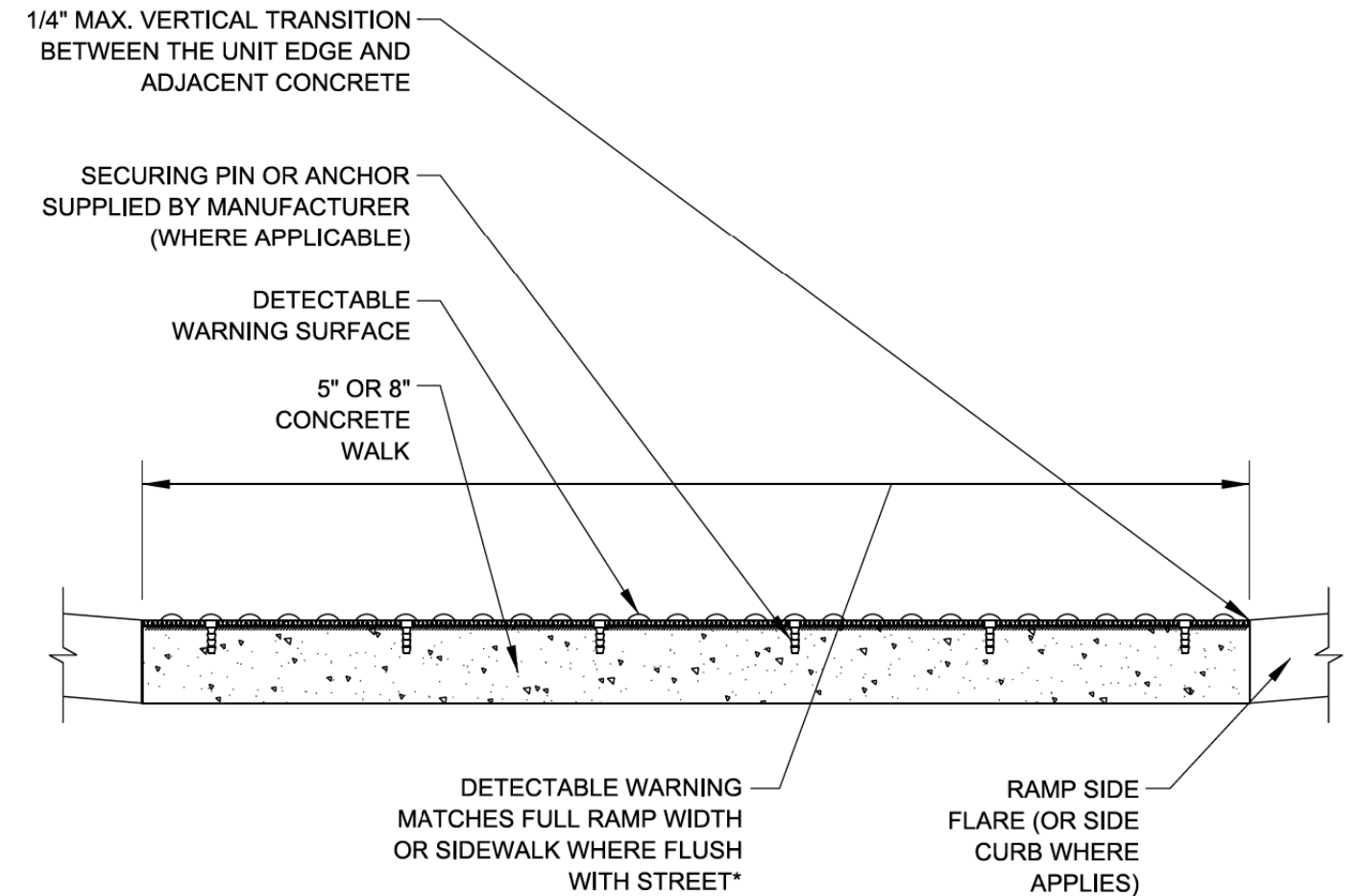
- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.

GENERAL NOTE:

THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



UNIT PATTERN & DOME DETAIL



*A BORDER OF 2 INCHES OR LESS AROUND THE DETECTABLE WARNING SURFACE IS ACCEPTABLE IF REQUIRED FOR PROPER INSTALLATION OF THE DETECTABLE WARNING SURFACE PRODUCT

DETECTABLE WARNING UNIT SECTION

MODEL: Default
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	DRAWN HS	REVISED
PLOT SCALE = 2,0000' / in.	CHECKED JA	REVISED
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

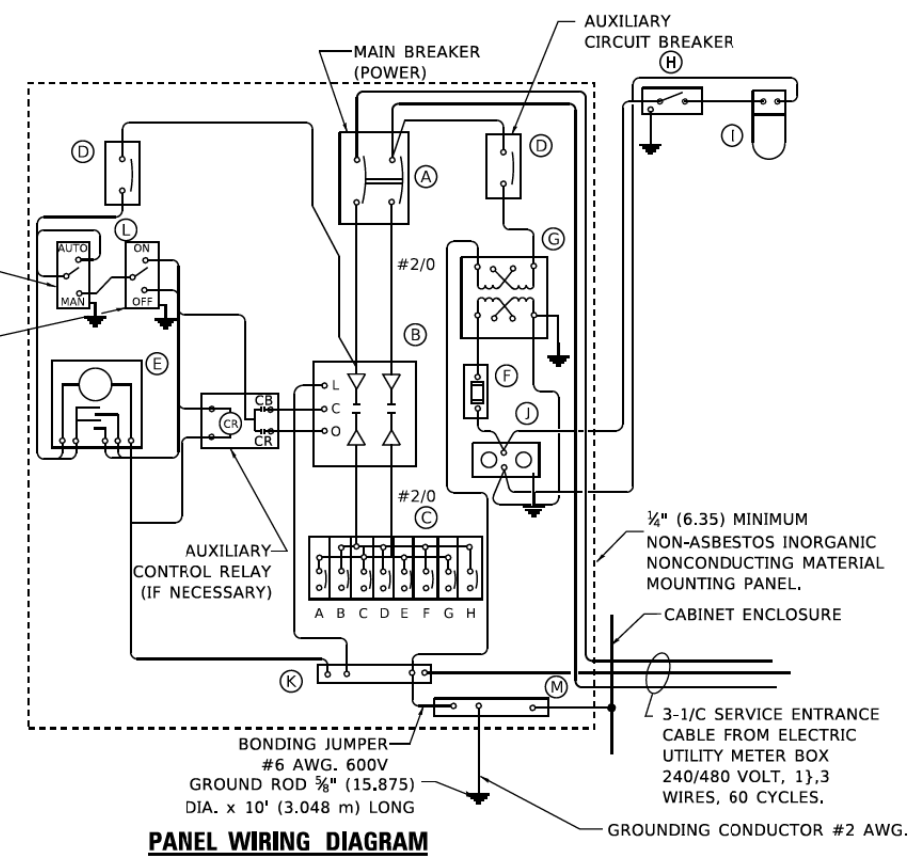
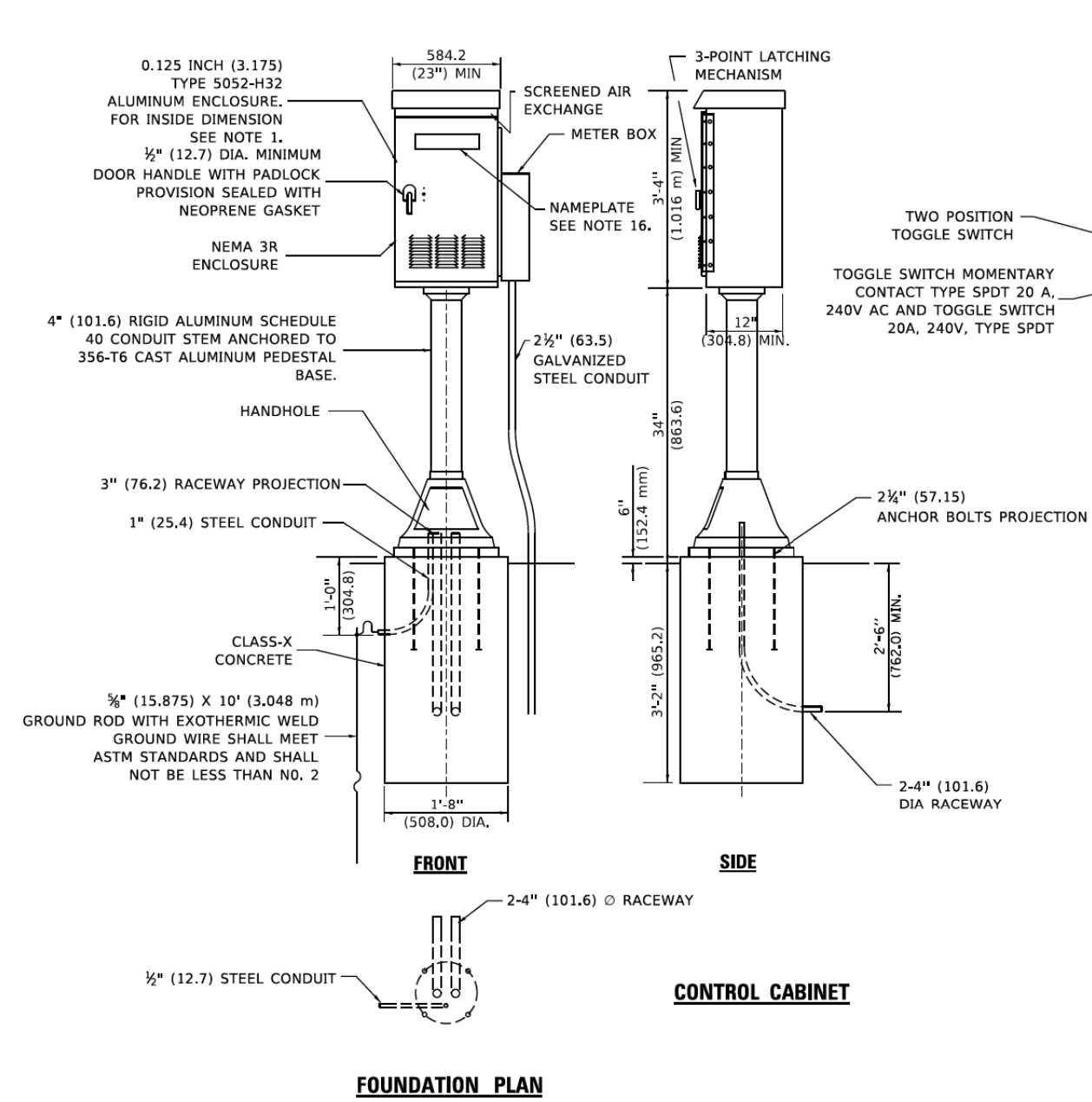
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	104
BD-58		CONTRACT NO. 61H71		
ILLINOIS FED. AID PROJECT				

DATE	
BY	
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SURVEY	
NOTE BOOK	
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DATE	
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TEMPLATE	
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ORIGINAL	
SURVEY	
NOTE BOOK	
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FILE NAME: 132547_sht_det1.dgn



PANEL WIRING DIAGRAM

PANEL EQUIPMENT

BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	8	CIRCUIT BREAKERS, 1 POLE, 277V., 100 AMP., FRAME 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER [TIME SWITCH].
F	1	20 A., 120 V. FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 HZ.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN,
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 4" (101.6) X 4" (101.6 mm) BOX.
M	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- UNLESS OTHERWISE INDICATED, THE CABINET SHALL BE MOUNTED ATOP A 4-INCH (101.6 mm) RIGID ALUMINUM SCHEDULE 40 CONDUIT STEM ANCHORED TO A CAST ALUMINUM PEDESTAL BASE.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) x 60" (18.288 m) x 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1#4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET, NEAR TO THE SERVICE POLE.
- CABINETS SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- 12" (304.8) X 16" (406.4 mm) STAINLESS STEEL EXTERIOR NAMEPLATE SHALL BE ENGRAVED TO "STATE OF ILLINOIS LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.



USER NAME = jmallen2	DESIGNED	REVISED
PLOT SCALE = 2,000' / in.	DRAWN	REVISED
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	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

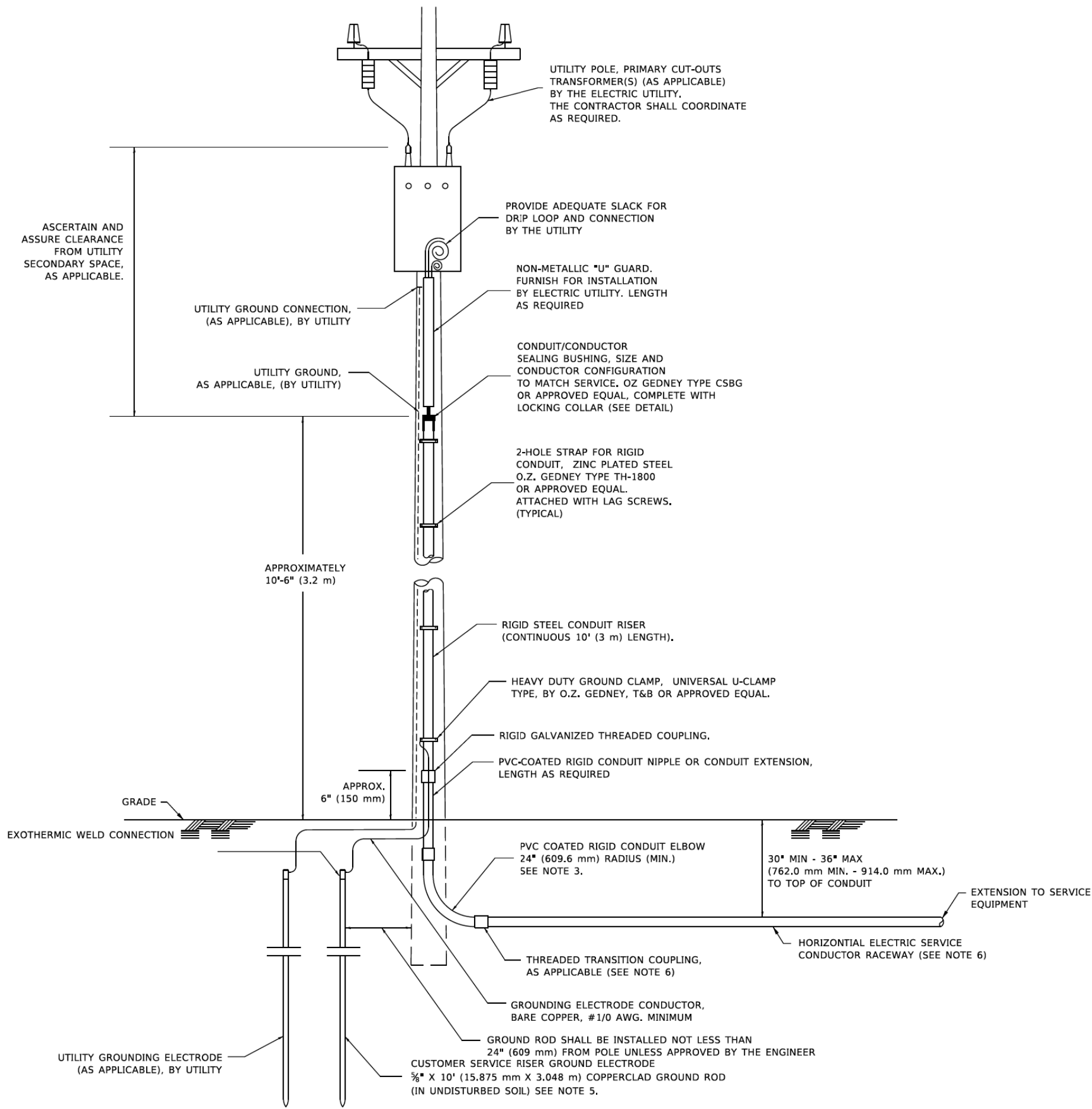
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	105
BE-210		CONTRACT NO. 61H71		
ILLINOIS FED. AID PROJECT				

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

DATE	
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SURVEYED	
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ORIGINAL SURVEY NOTE BOOK NO.	

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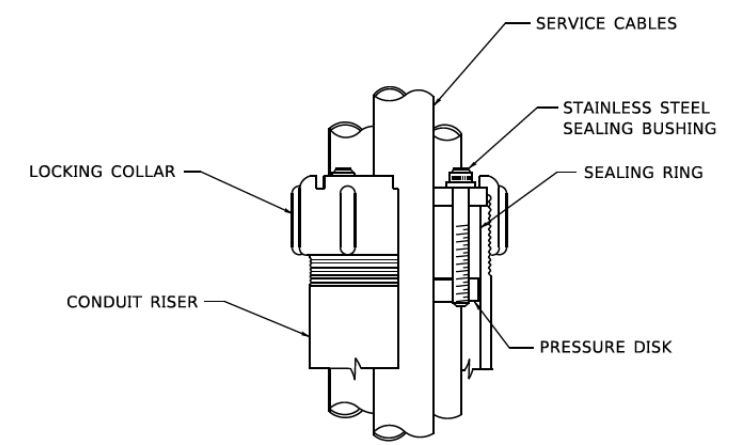


APPLICATION

THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660 V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPERATLY-MOUNTED SERVICE EQUIPMENT.

NOTES

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALIC TO NON METALIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.



SEALING BUSHING DETAIL



USER NAME = jmallen2	DESIGNED	REVISED
PLOT SCALE = 2,0000' / in.	DRAWN	REVISED
PLOT DATE = 2/25/2022	CHECKED	REVISED
	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

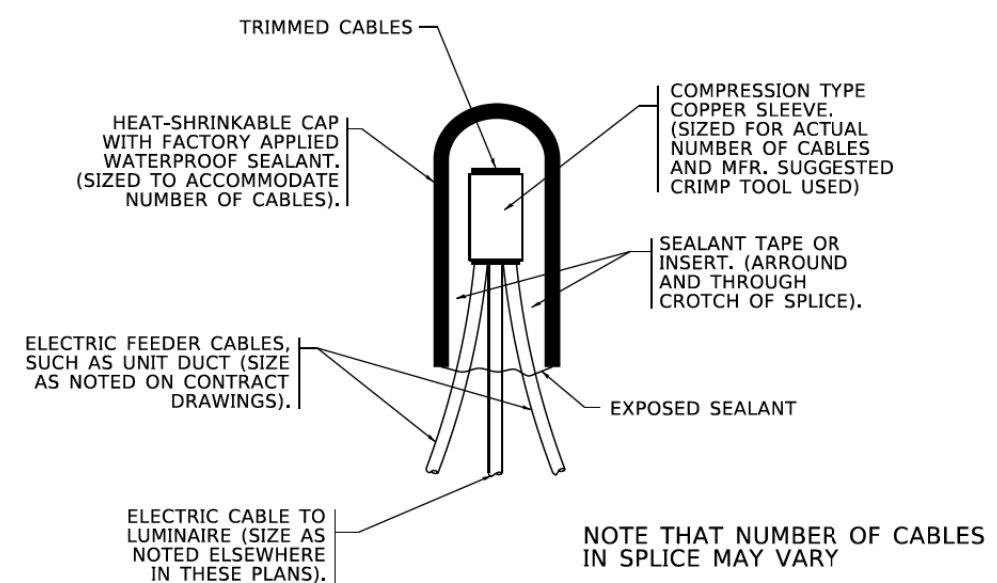
IDOT DISTRICT 1 STANDARD DETAILS		
SCALE: NONE	SHEET 8 OF 19 SHEETS	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BE-220		CONTRACT NO. 61H71		
ILLINOIS FED. AID PROJECT				

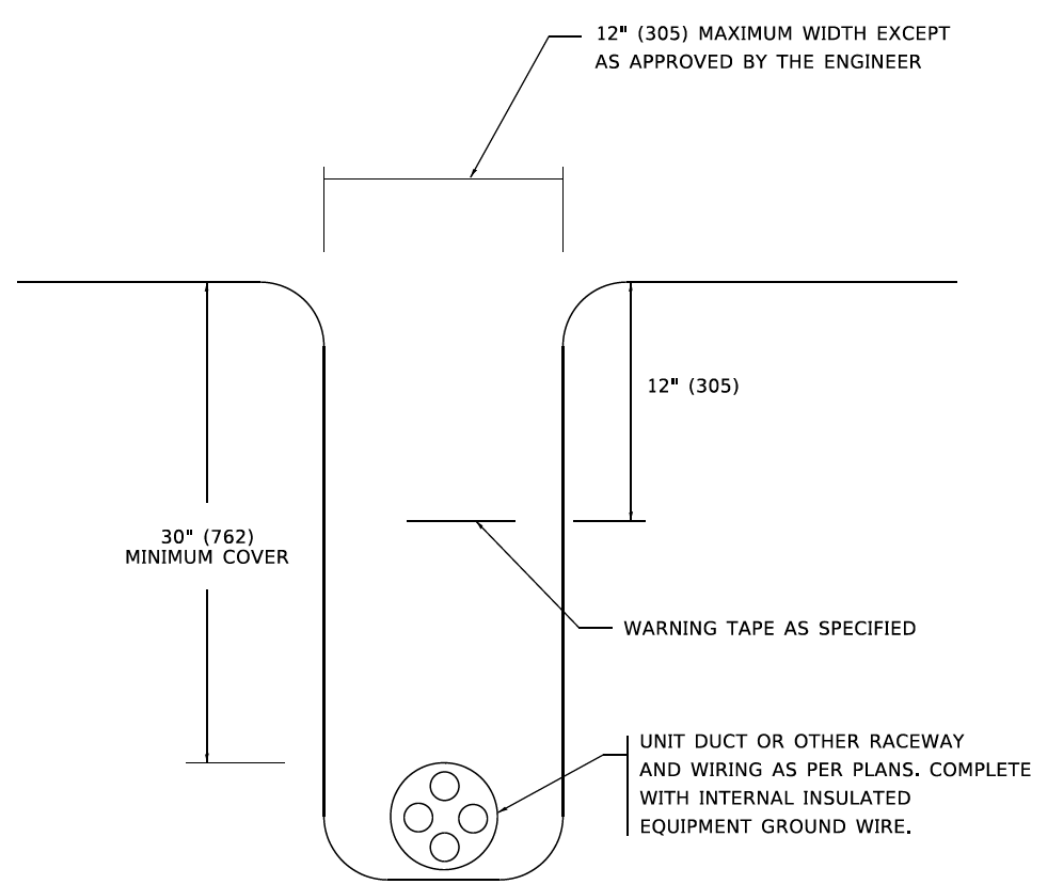
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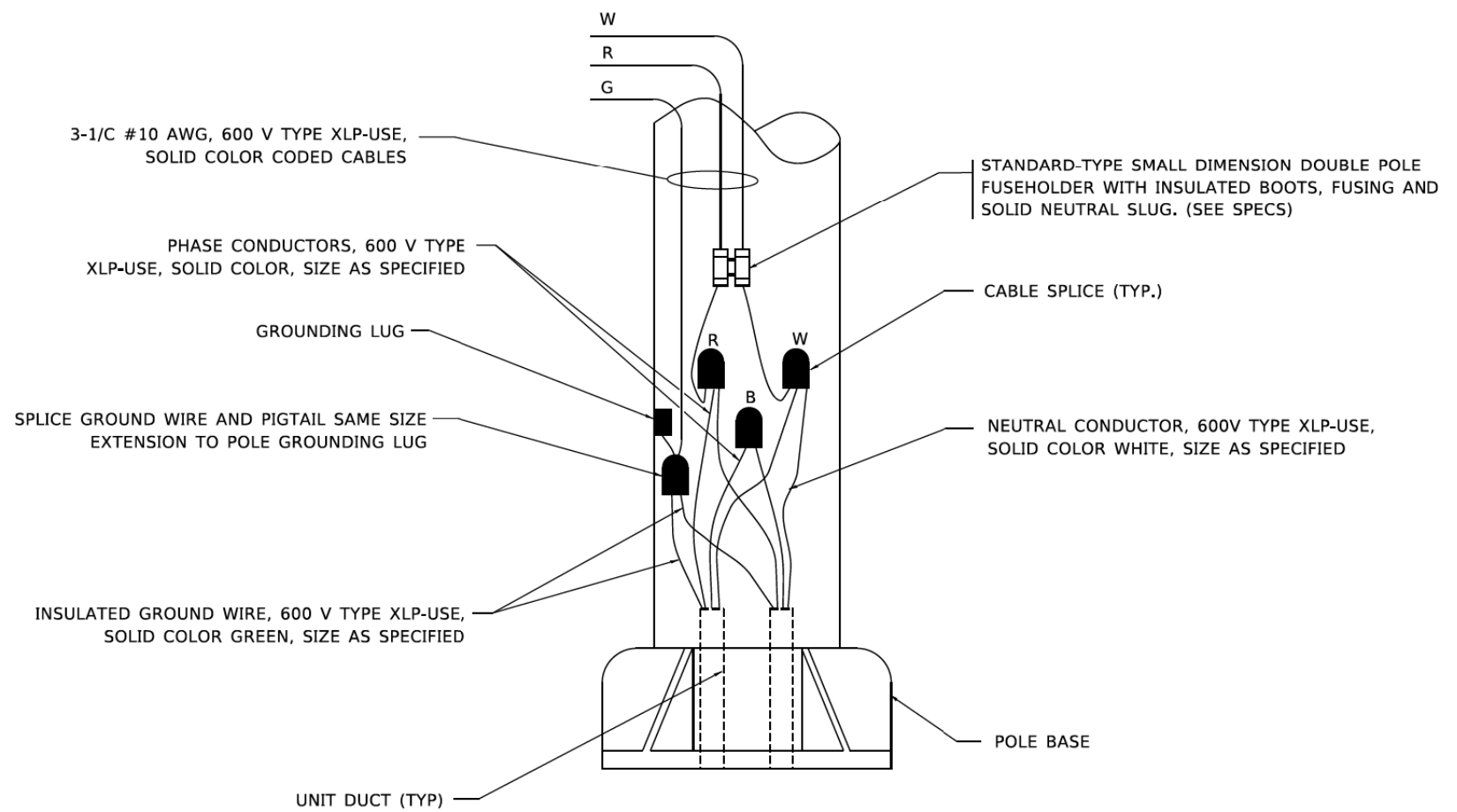
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TYPICAL SPLICE DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

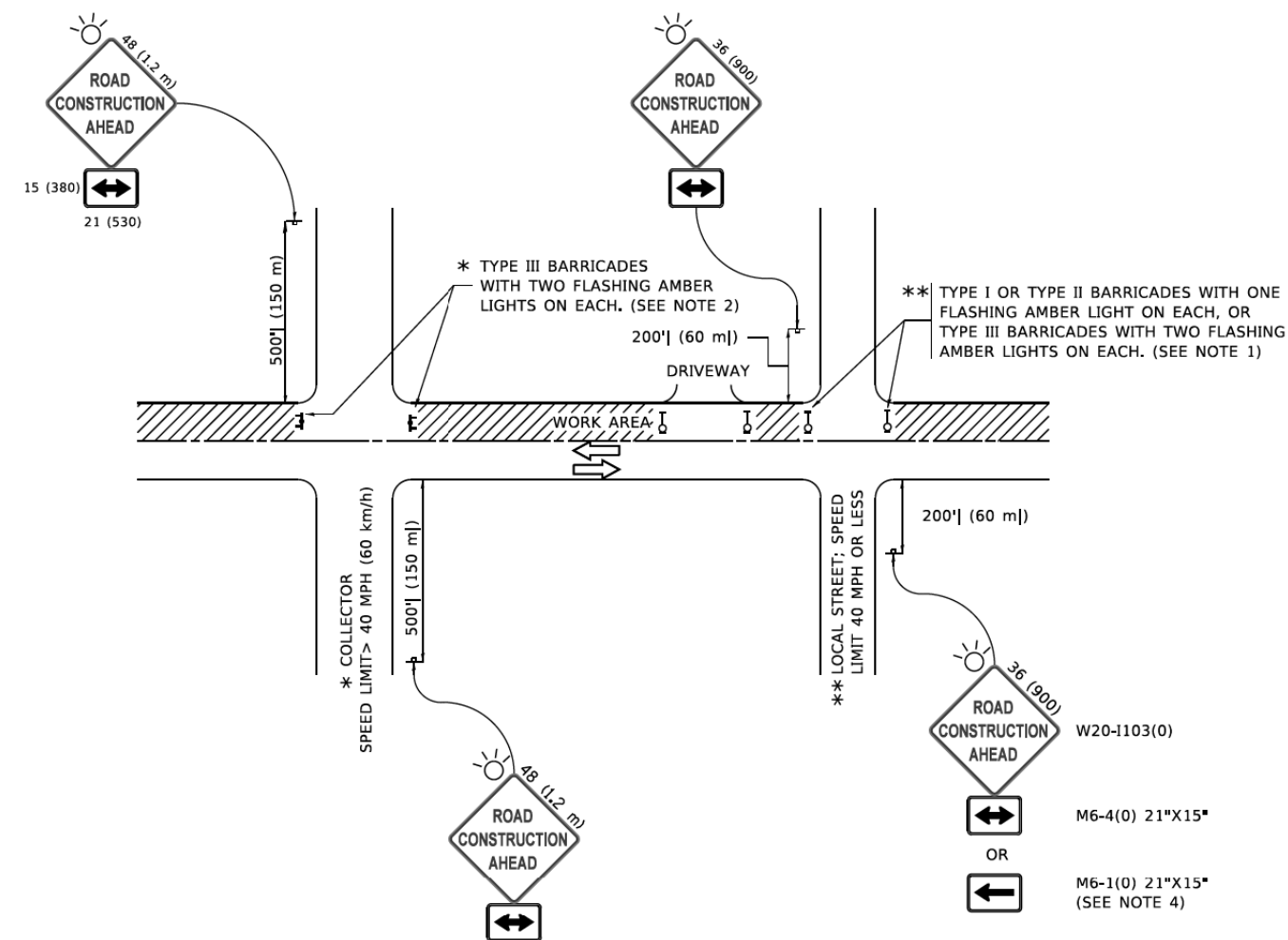


USER NAME = jmallen2	DESIGNED	REVISED
PLOT SCALE = 2,0000' / in.	DRAWN	REVISED
PLOT DATE = 2/25/2022	CHECKED	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1 STANDARD DETAILS		
SCALE: NONE	SHEET 9 OF 19 SHEETS	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	107
BE-702		CONTRACT NO. 61H71		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

MODEL: Default
FILE NAME: 132547.dwg, dec08.dwg



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	DRAWN HS	REVISED
PLOT SCALE = 2.0000' / in.	CHECKED JA	REVISED
PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IDOT DISTRICT 1
STANDARD DETAILS**

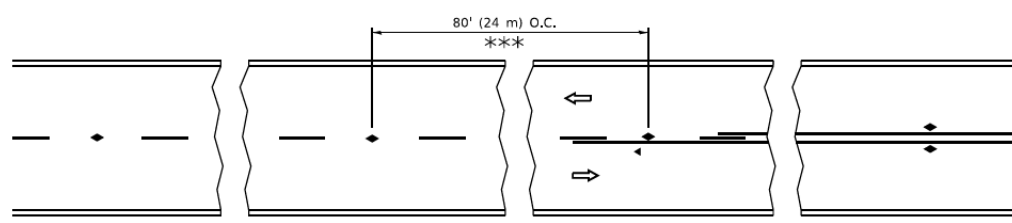
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	108
TC-10			CONTRACT NO. 61H71	
ILLINOIS FED. AID PROJECT				

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

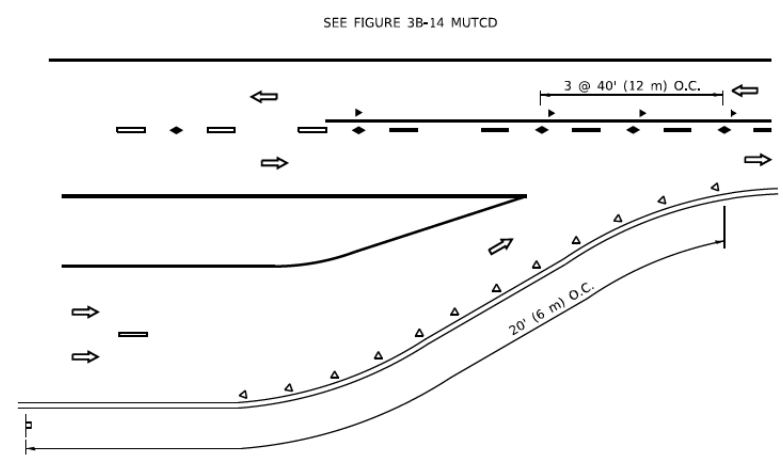
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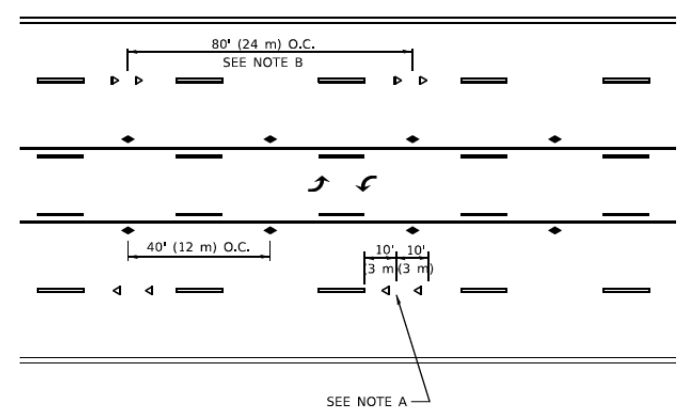


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO-LANE/TWO-WAY



LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

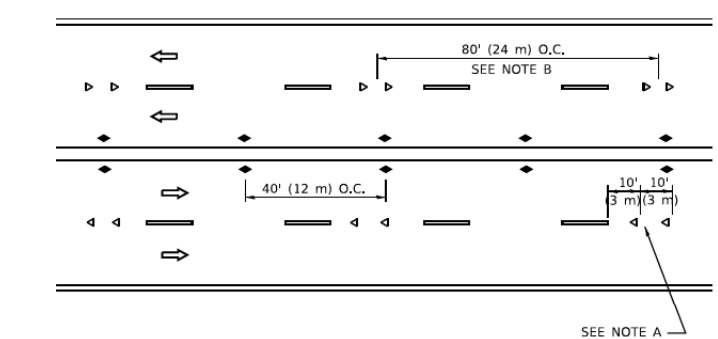
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

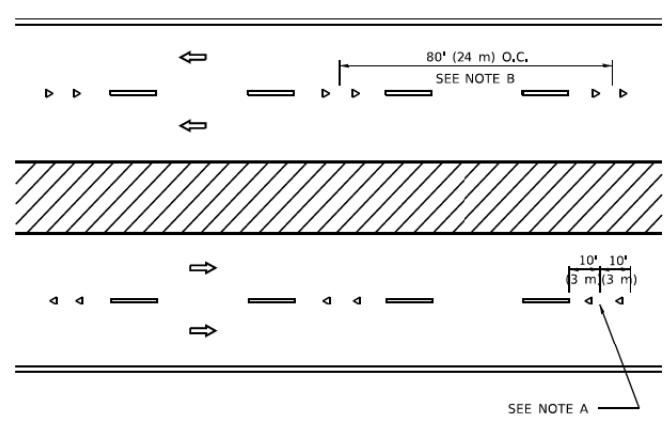
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

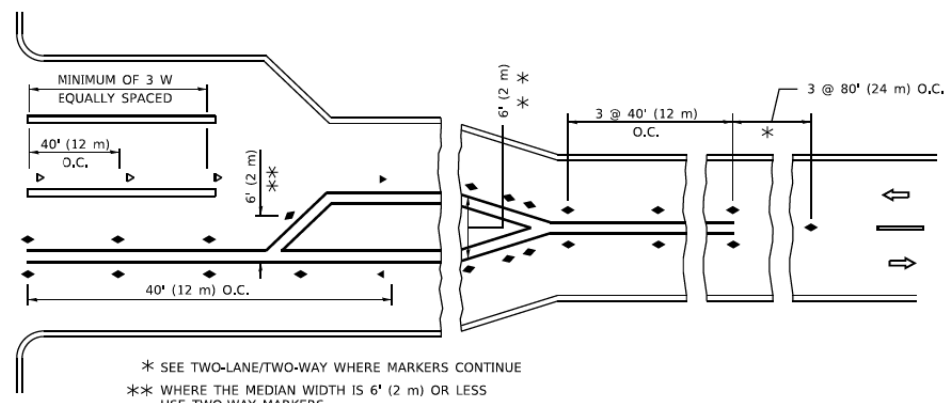
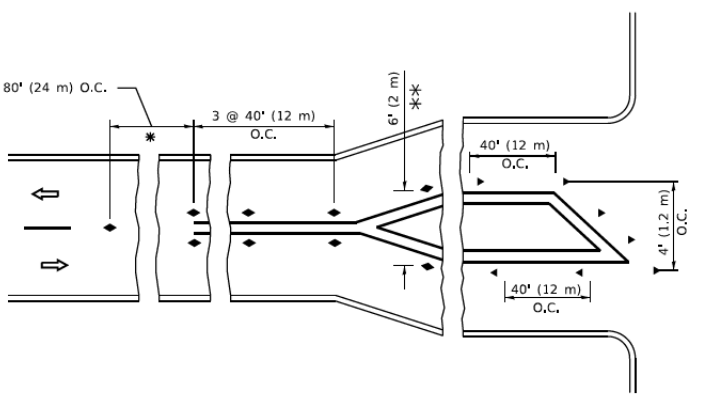
1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED



TURN LANES

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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



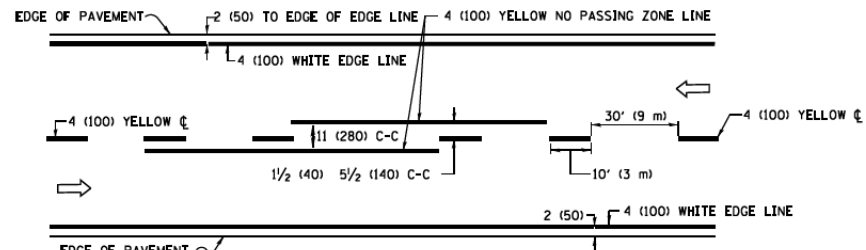
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PLOT DATE = 2/25/2022	CHECKED	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

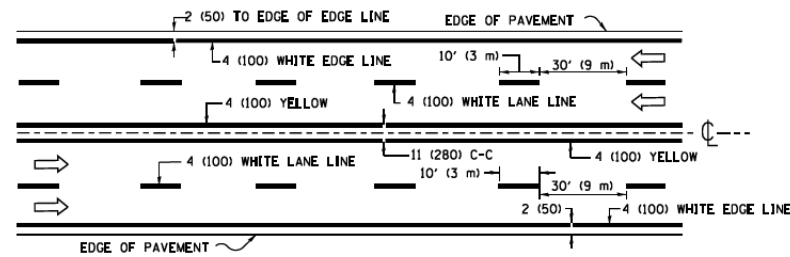
IDOT DISTRICT 1
STANDARD DETAILS

SCALE: NONE SHEET 11 OF 19 SHEETS STA.

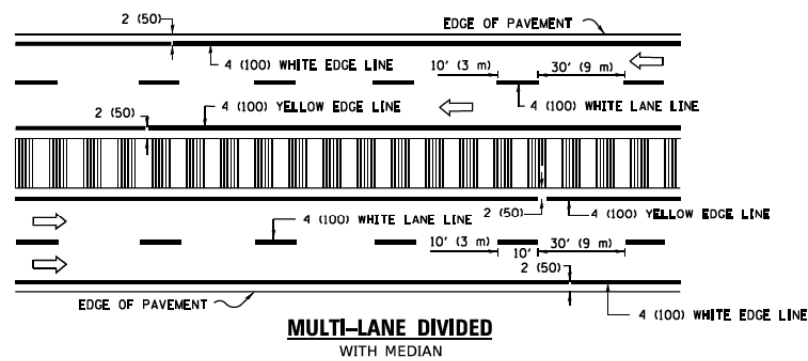
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TC-11		CONTRACT NO. 61H71		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

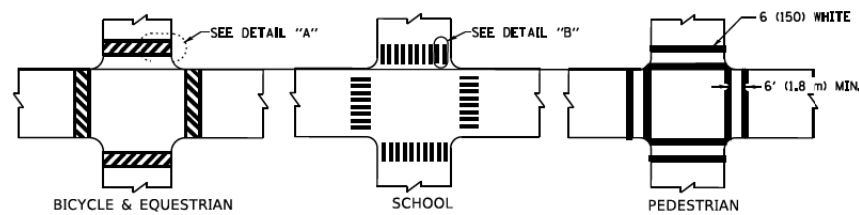


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



DETAIL "A"

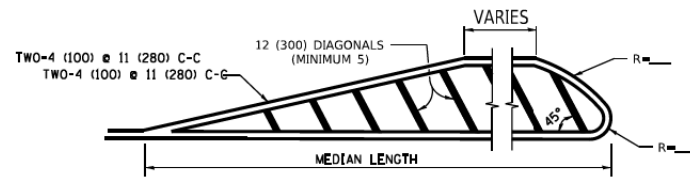
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

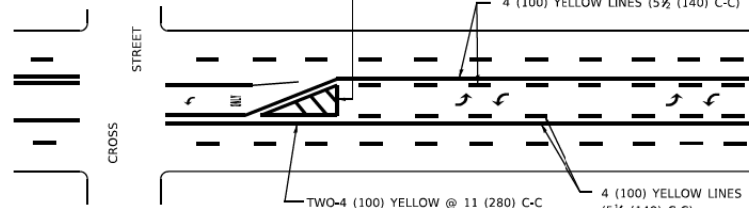


4' (1.2 m) WIDE MEDIANS ONLY



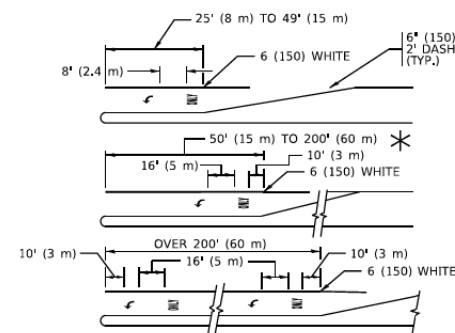
MEDIANS OVER 4' (1.2 m) WIDE

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



MEDIAN WITH TWO-WAY LEFT TURN LANE

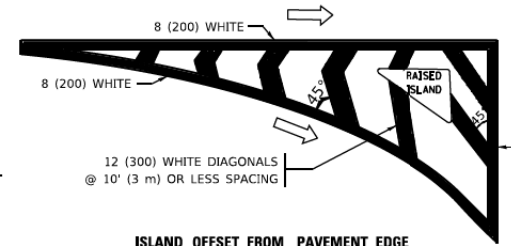
TYPICAL PAINTED MEDIAN MARKING



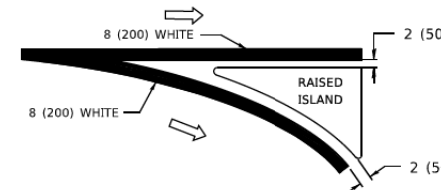
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - *ONLY* INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - *ONLY*.

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

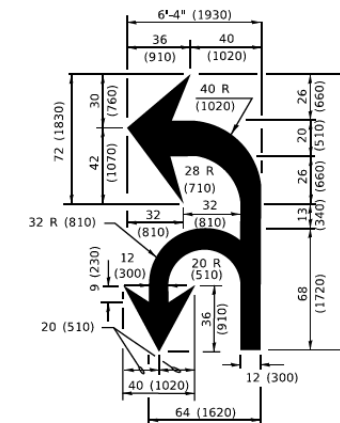


ISLAND OFFSET FROM PAVEMENT EDGE

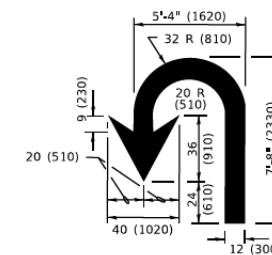


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES; FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

MODEL Default
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PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IDOT DISTRICT 1
STANDARD DETAILS**

SCALE: NONE SHEET 12 OF 19 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	110
	TC-13		CONTRACT NO. 61H71	
		ILLINOIS	FED. AID PROJECT	

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

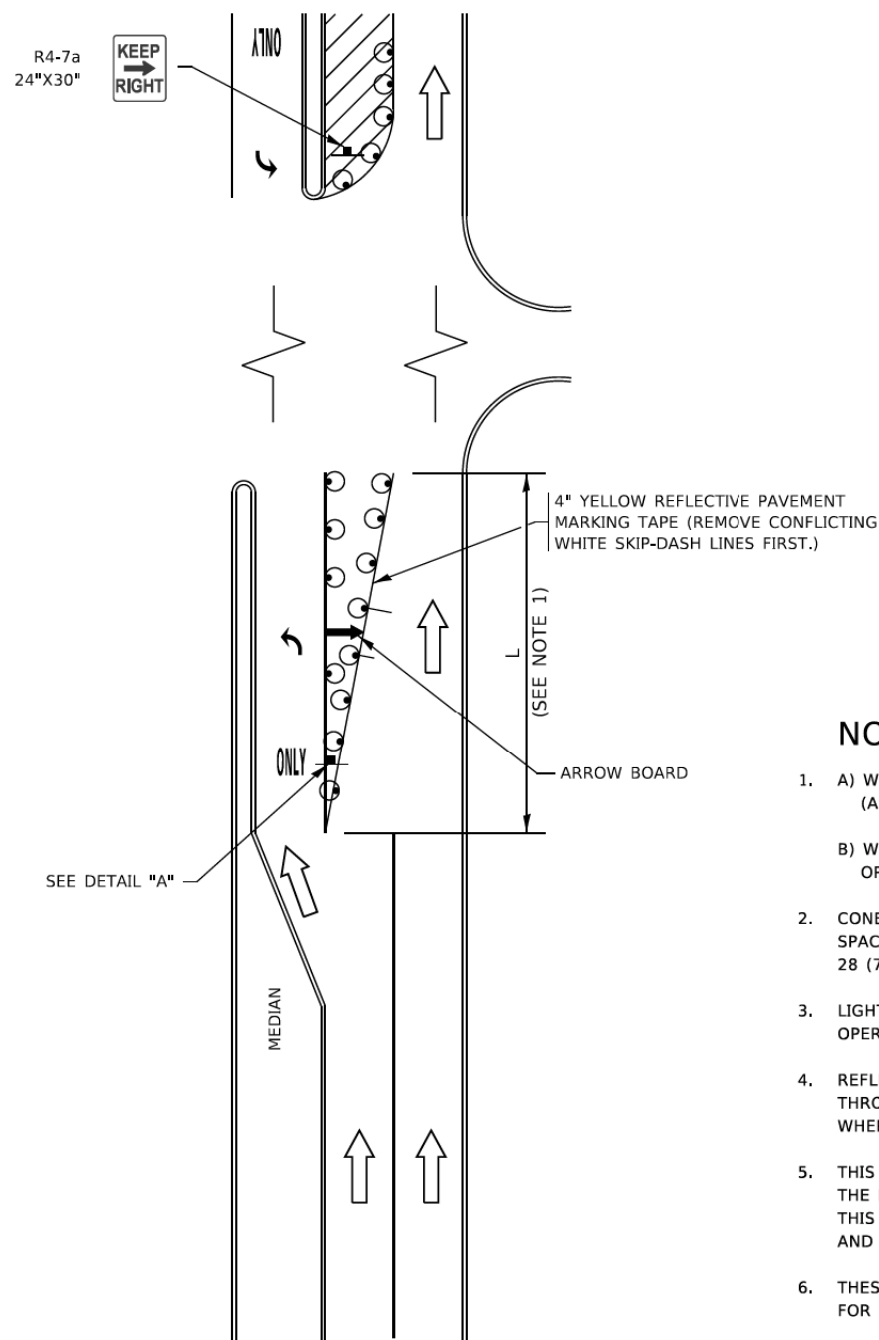


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

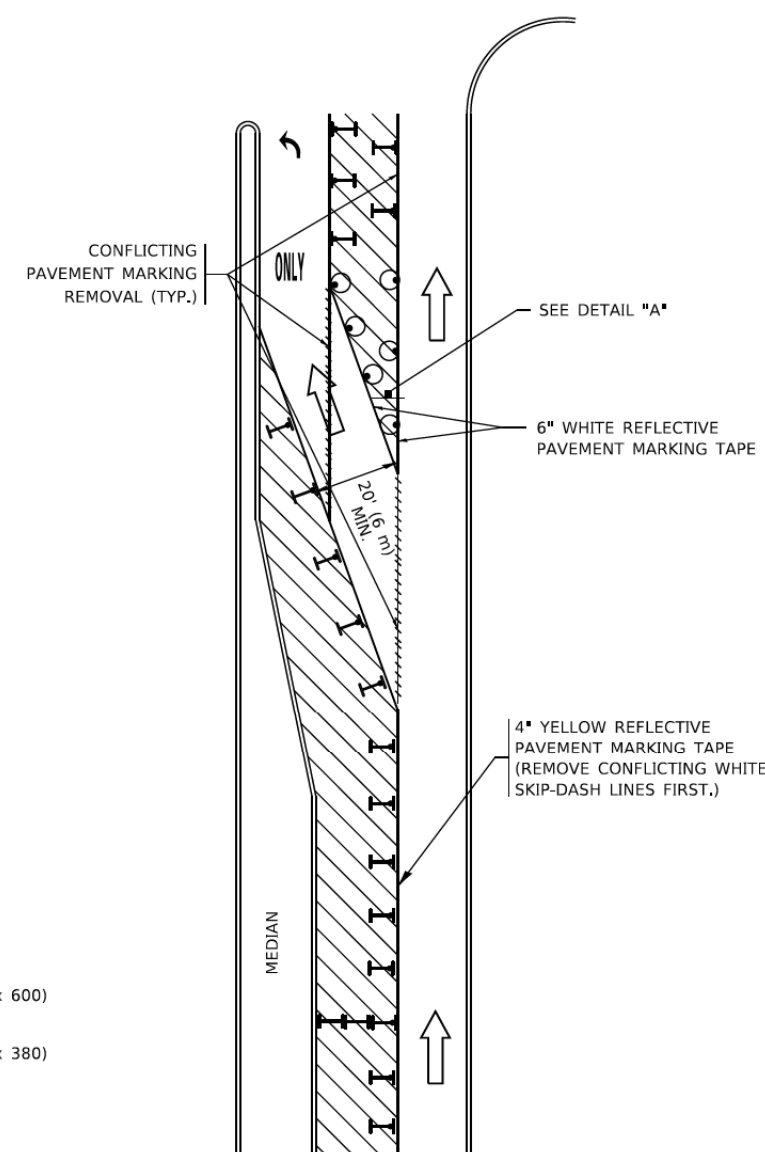


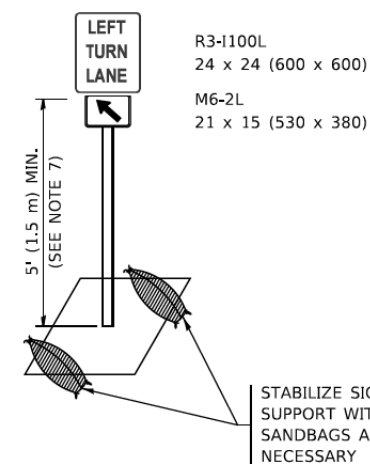
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
 B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

MODEL: Definit
FILE NAME: 132547_sht_det10.dgn



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	DRAWN	REVISED
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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

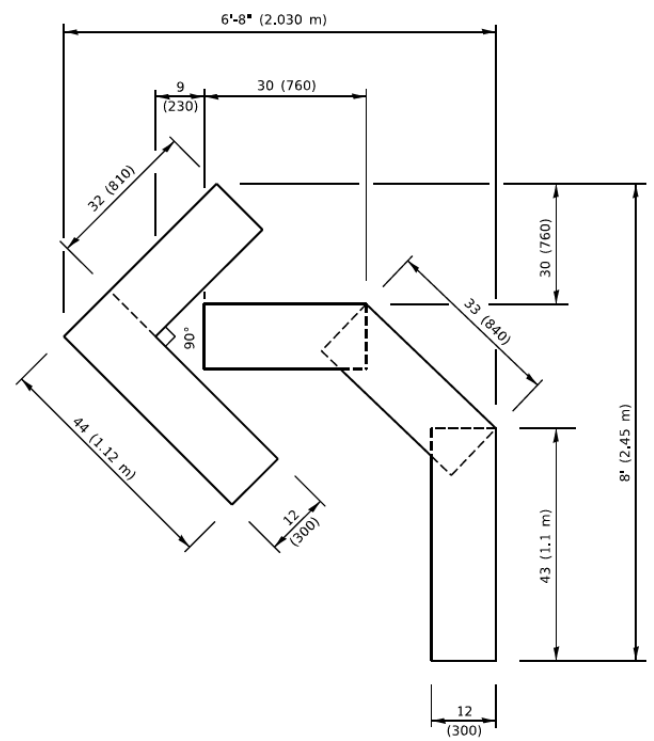
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	111
	TC-14		CONTRACT NO. 61H71	
		ILLINOIS	FED. AID PROJECT	

SCALE: NONE SHEET 13 OF 19 SHEETS STA.

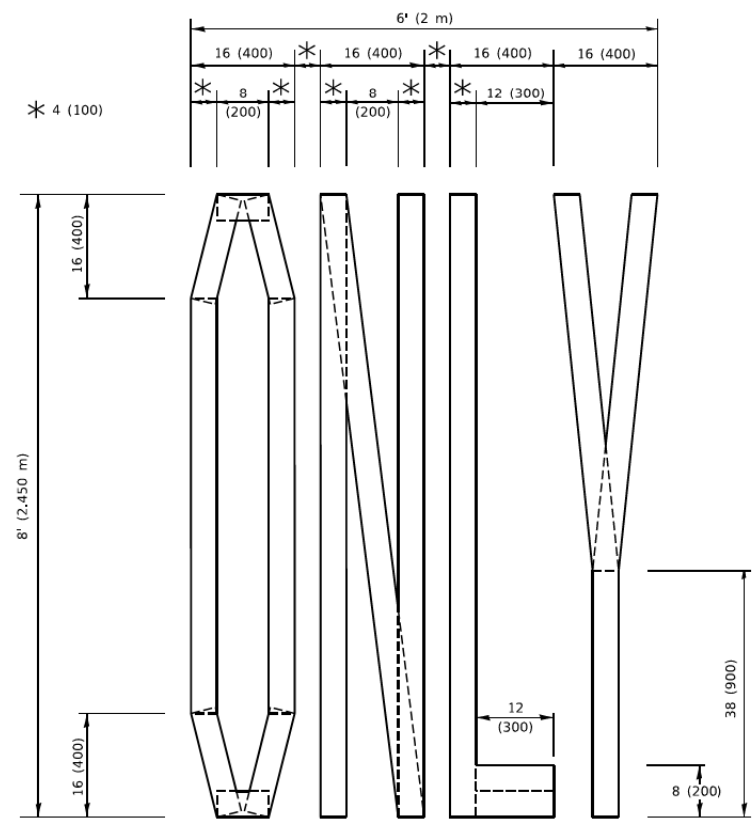
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NOTE BOOK	
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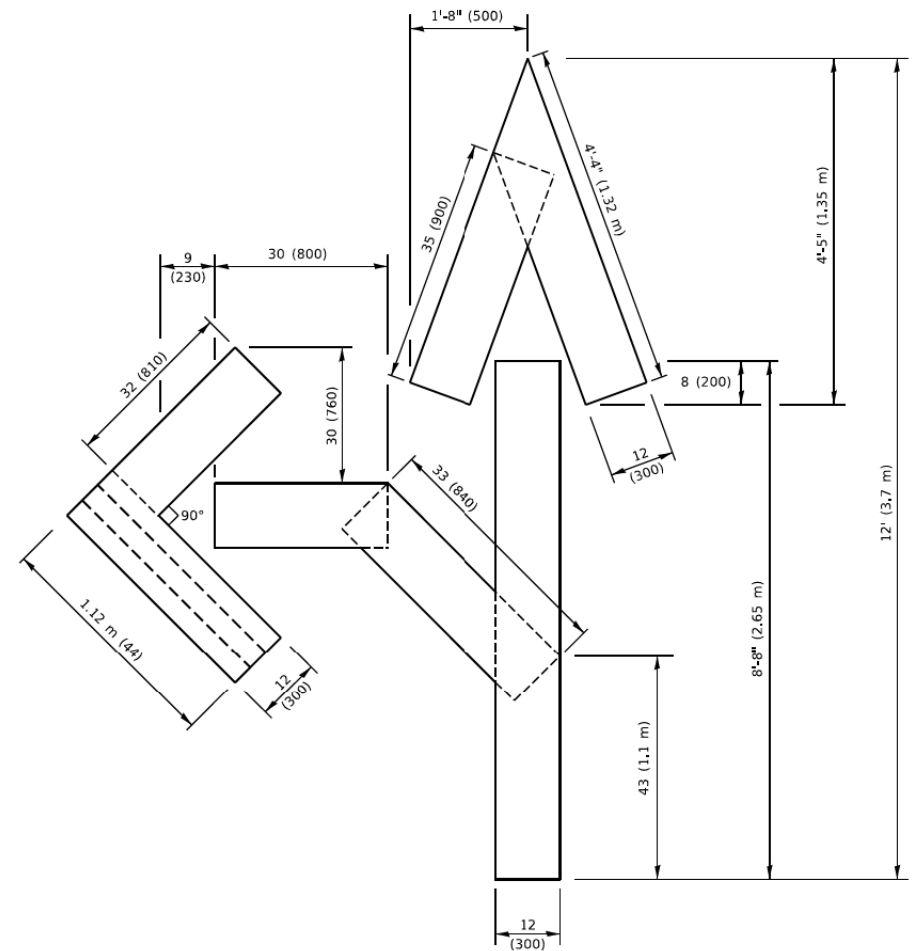
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QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)

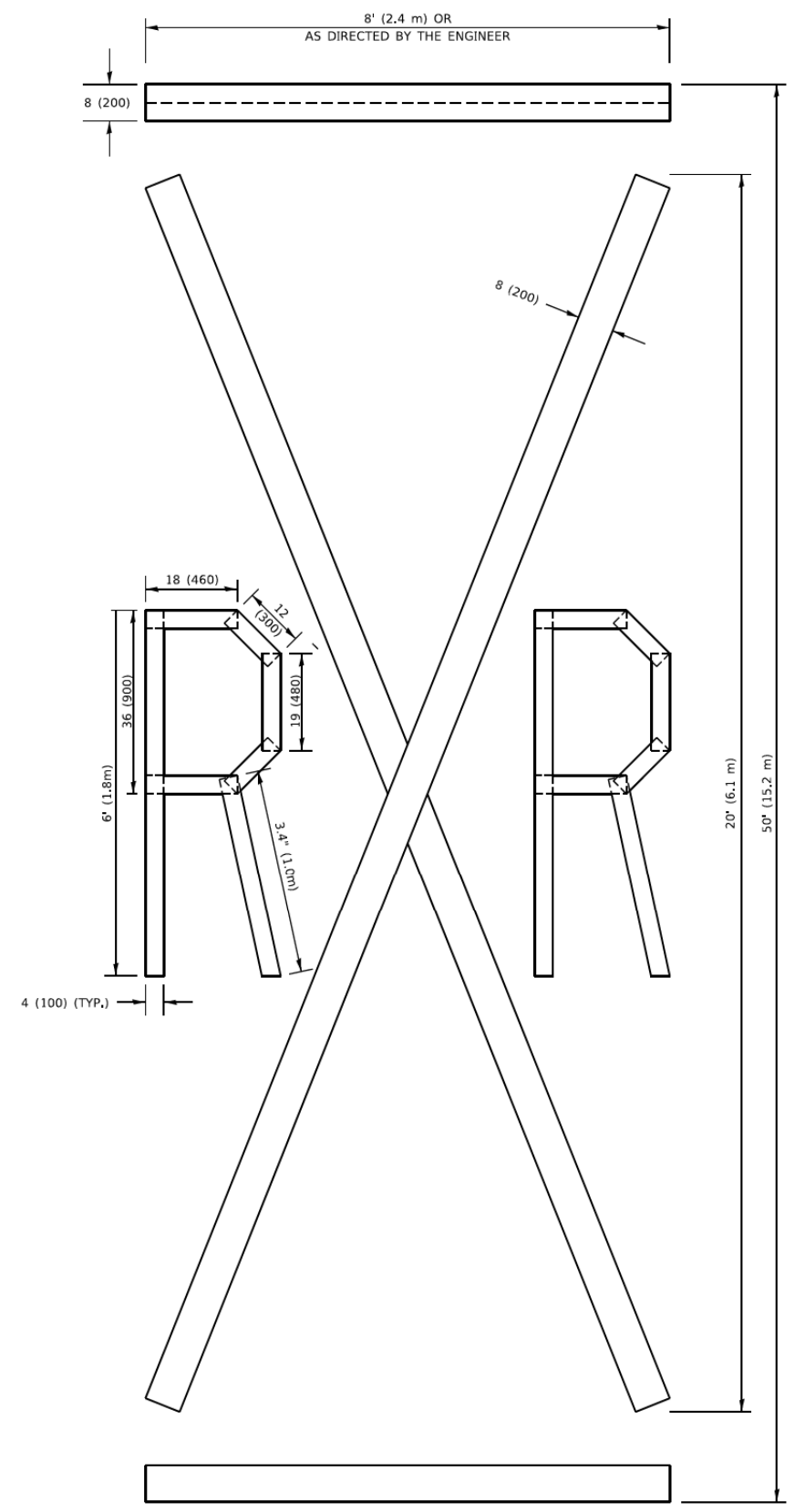


QUANTITY
4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:
ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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



USER NAME = jmallen2	DESIGNED	REVISED
PLOT SCALE = 2.0000' / in.	DRAWN	REVISED
PLOT DATE = 2/25/2022	CHECKED	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

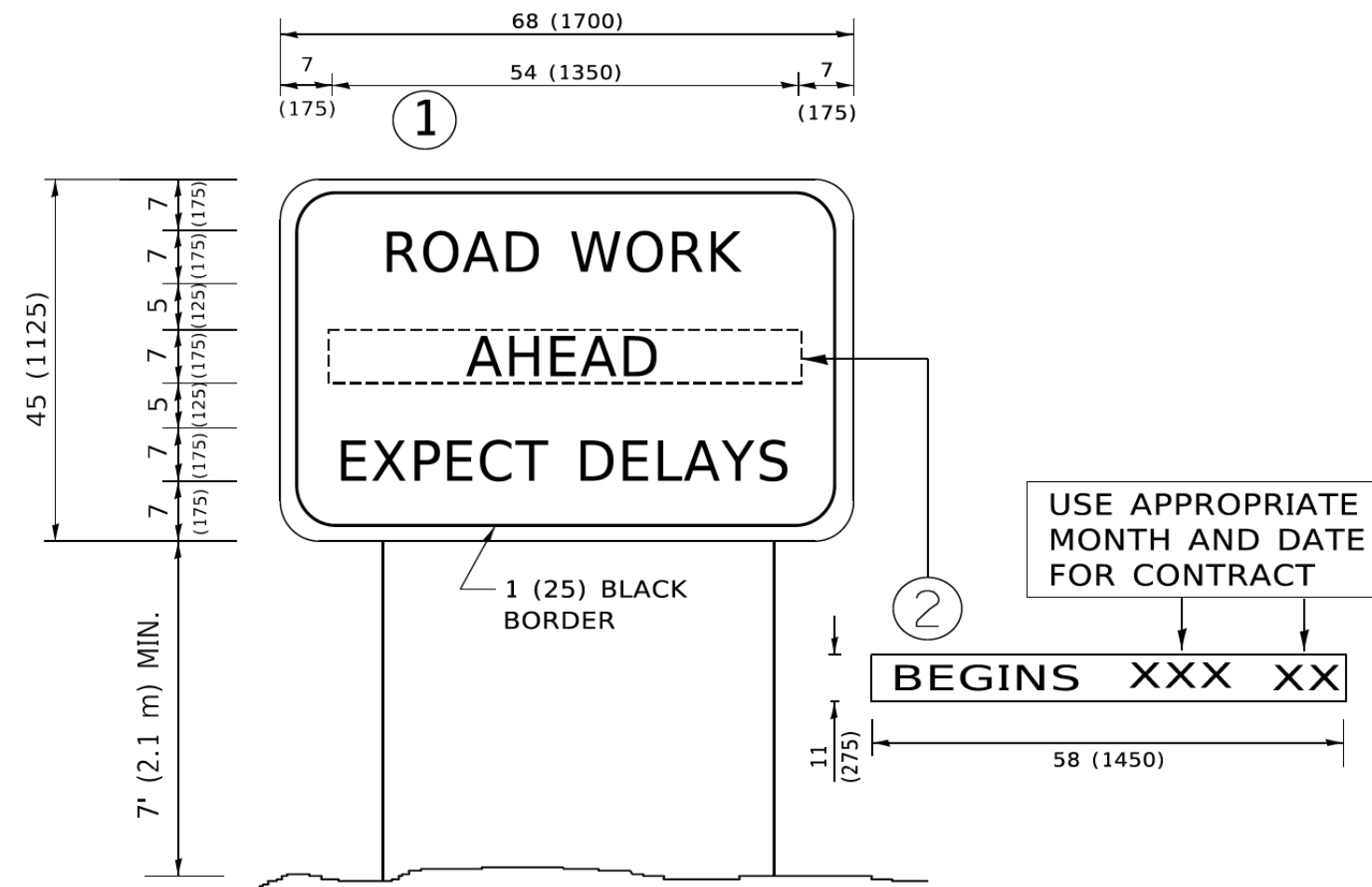
IDOT DISTRICT 1
STANDARD DETAILS
SCALE: NONE SHEET 14 OF 19 SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	112
	TC-16		CONTRACT NO. 61H71	
		ILLINOIS	FED. AID PROJECT	

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

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

MODEL: Definit
FILE NAME: 132547_sht_det11a.dgn



NOTES:

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

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



USER NAME = jmallen2	DESIGNED	REVISED
PLOT SCALE = 2.0000' / 1"	CHECKED	REVISED
PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

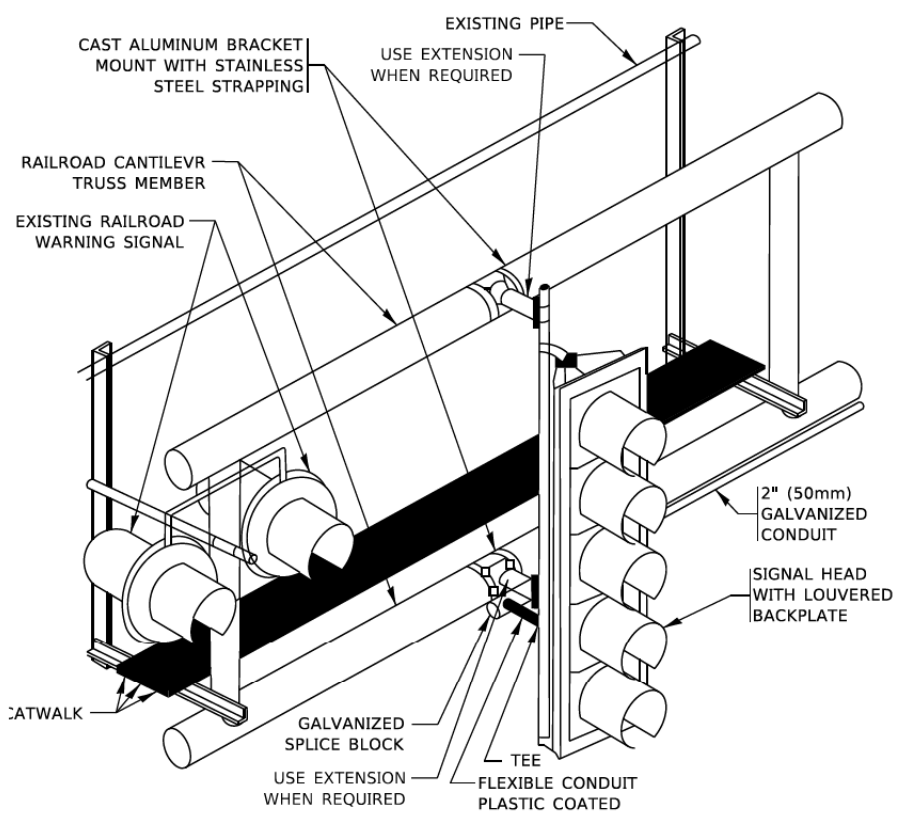
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	113
TC-22		CONTRACT NO. 61H71		
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
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ORIGINAL SURVEY	
SURVEY PLOTTED	
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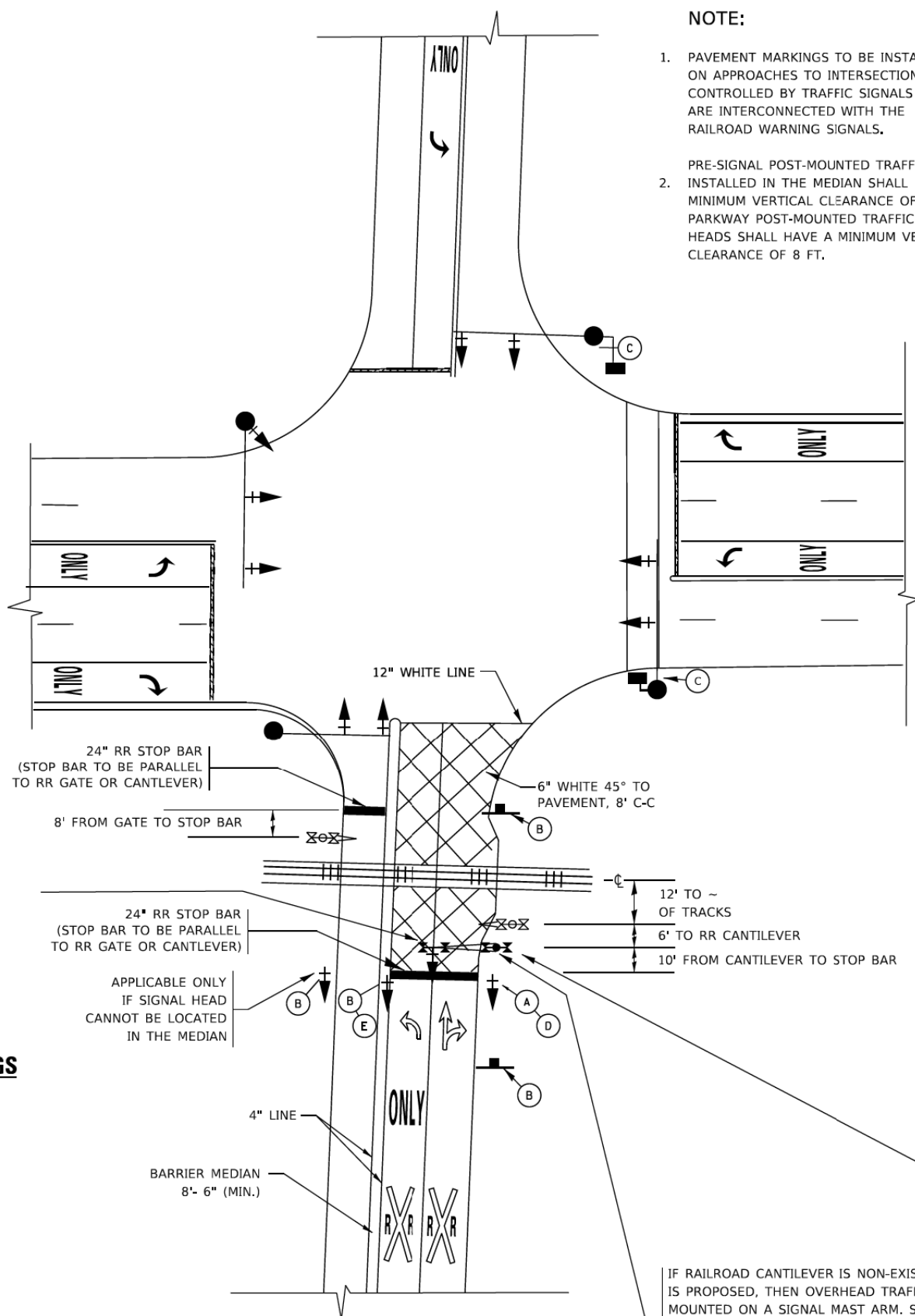
RAILROAD CANTILEVER SIGNAL HEAD MOUNTING
USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

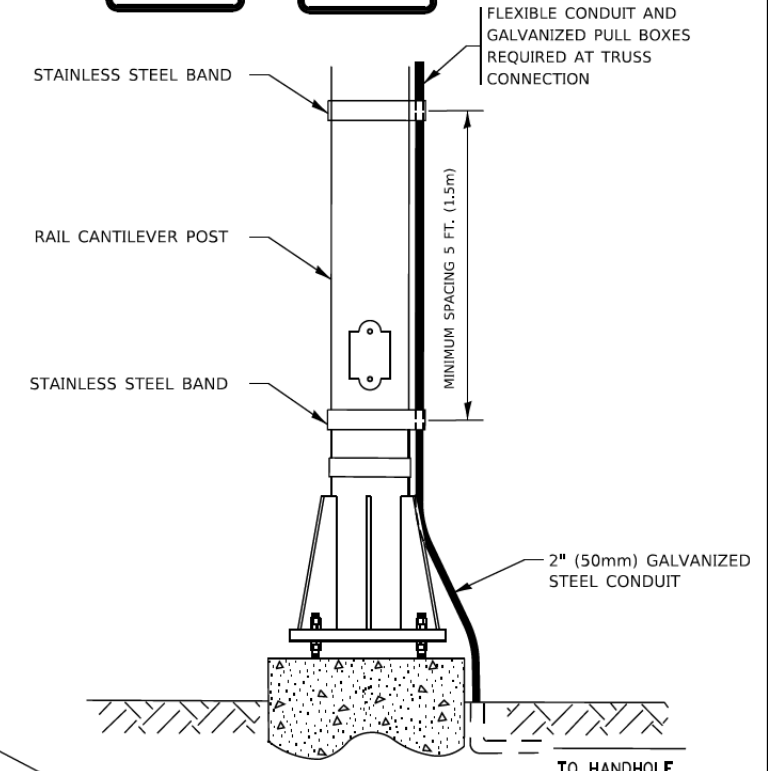
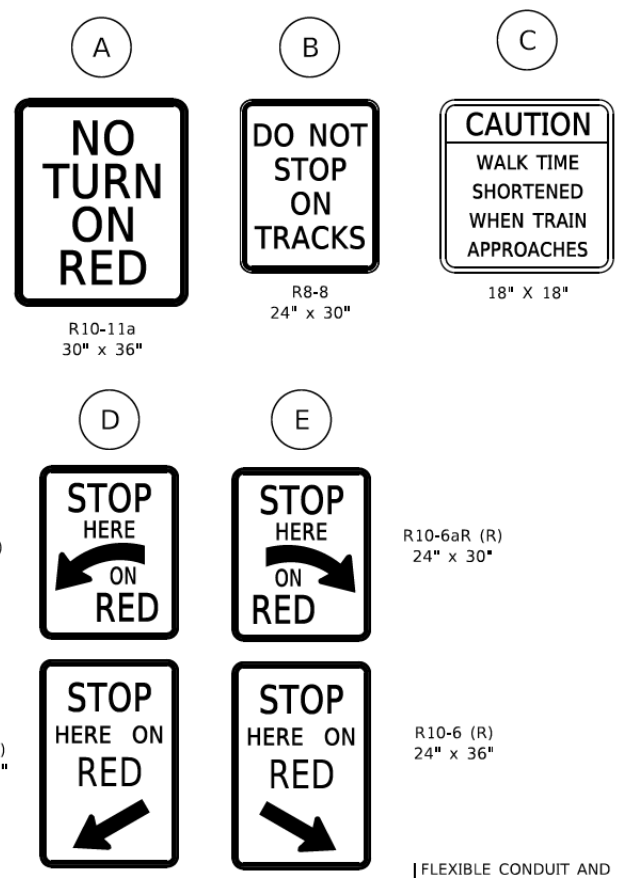
THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

NOTE:

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

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

IF RAILROAD CANTILEVER IS NON-EXISTANT AND NONE IS PROPOSED, THEN OVERHEAD TRAFFIC SIGNAL TO BE MOUNTED ON A SIGNAL MAST ARM. SIGNAL MAST ARM AND SIGNAL HEADS SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE RAILROAD TRACKS WITHOUT OBSTRUCTING ANY RAILROAD WARNING DEVICES. SIGNAL MAST ARM SHALL BE AT LEAST 12 FT. FROM NEAREST RAIL.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

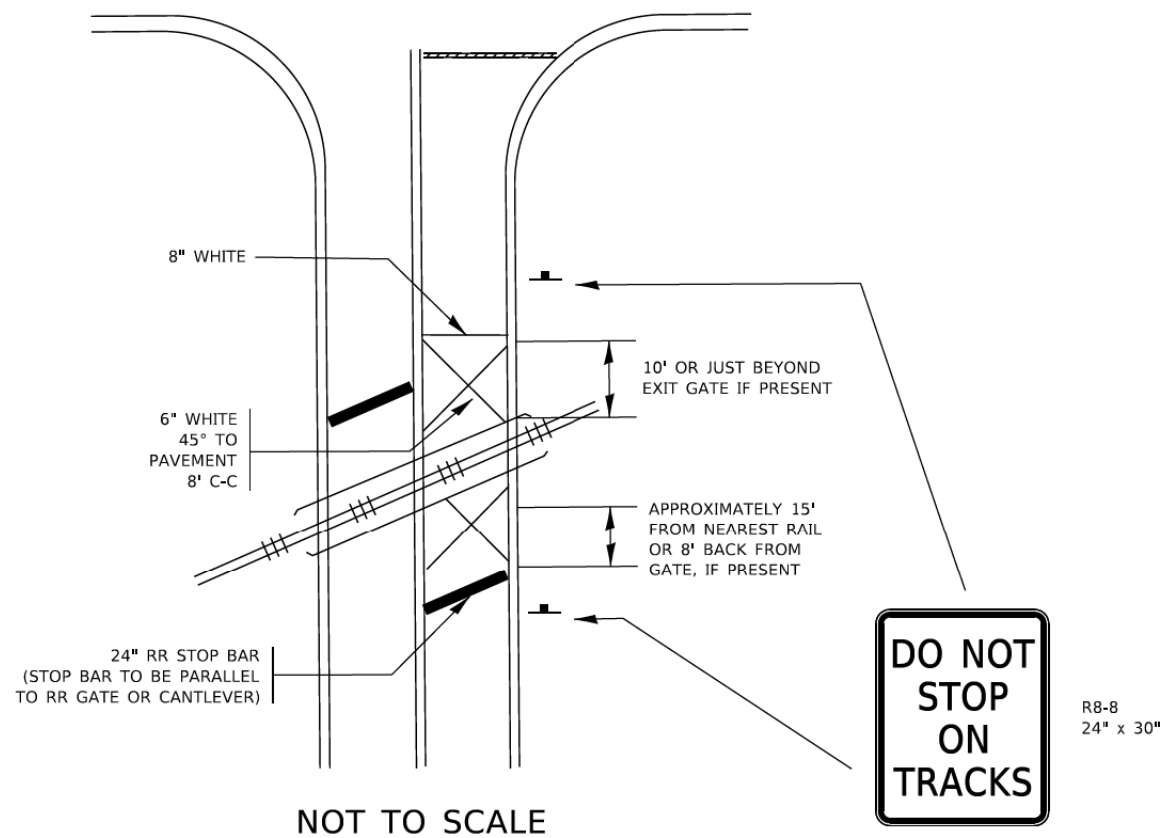
IDOT DISTRICT 1
STANDARD DETAILS

SCALE: NONE SHEET 16 OF 19 SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	114
	TC-23a			CONTRACT NO. 61H71
		ILLINOIS	FED. AID PROJECT	

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

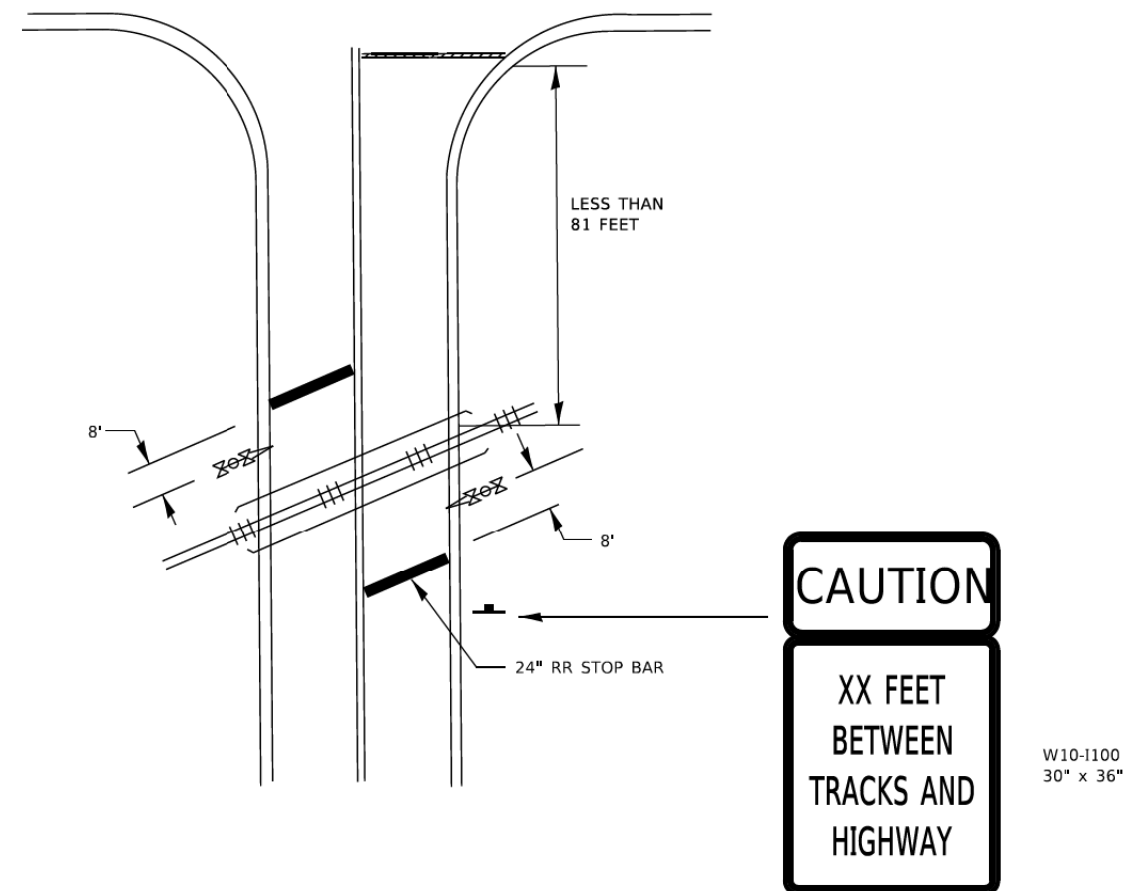
WITH SIGNALIZED INTERSECTION



NOTE:

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL



NOTE:

- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

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

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

MODEL: Definit
FILE NAME: 132847_sht_det11c.dgn



USER NAME = jmallen2	DESIGNED	REVISED
	DRAWN	REVISED
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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

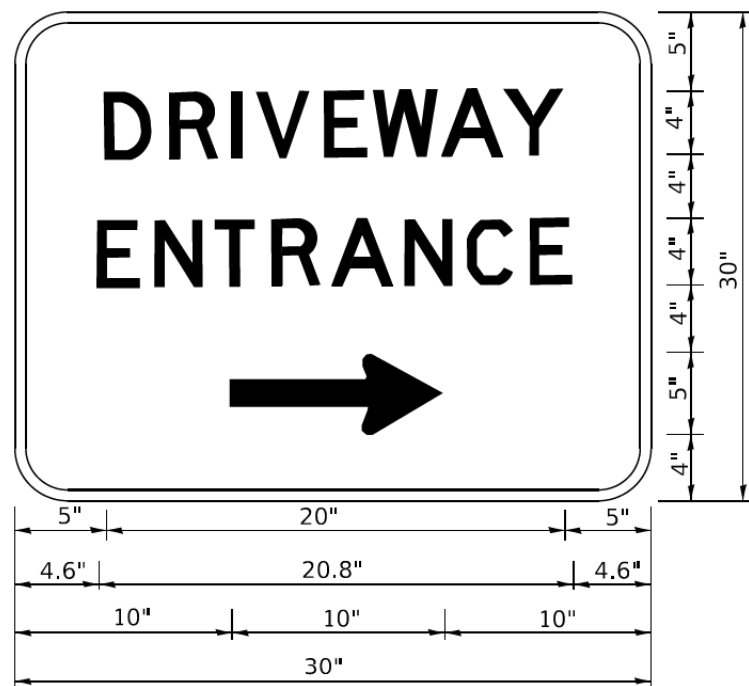
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

SCALE: NONE SHEET 17 OF 19 SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	115
TC-23b		CONTRACT NO. 61H71		
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Definit
FILE NAME: 132547_sht_det12.dgn



USER NAME = jmallen2	DESIGNED	REVISED
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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

SCALE: NONE SHEET 18 OF 19 SHEETS STA.

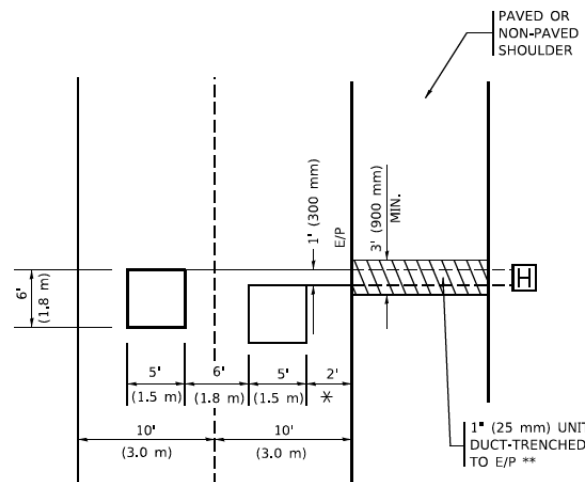
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	116
TC-26			CONTRACT NO. 61H71	
ILLINOIS FED. AID PROJECT				

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

DATE	
BY	
ORIGINAL SURVEY	
SURVEY PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

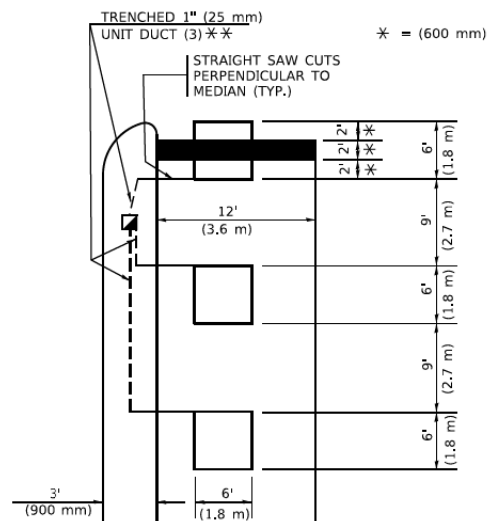


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

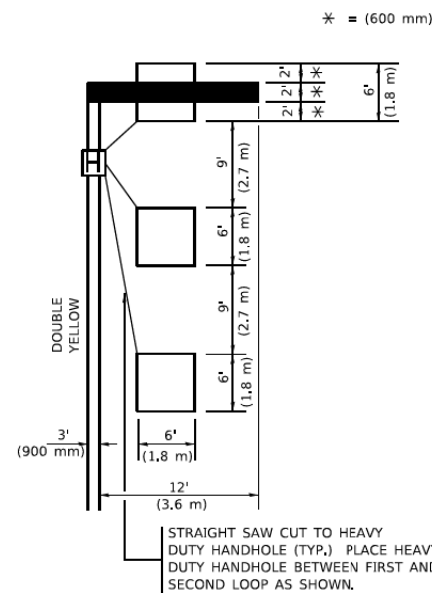


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

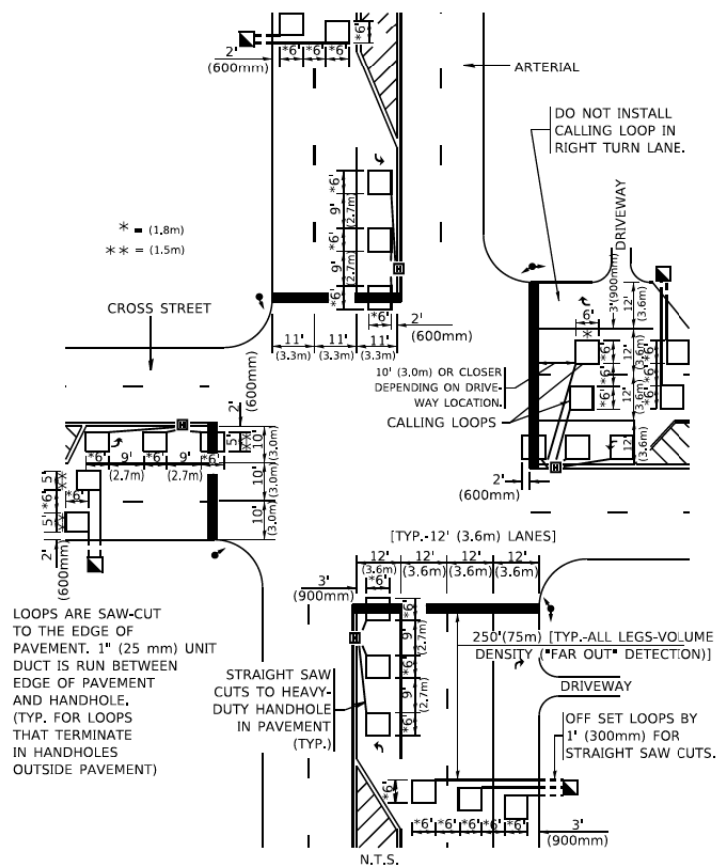
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

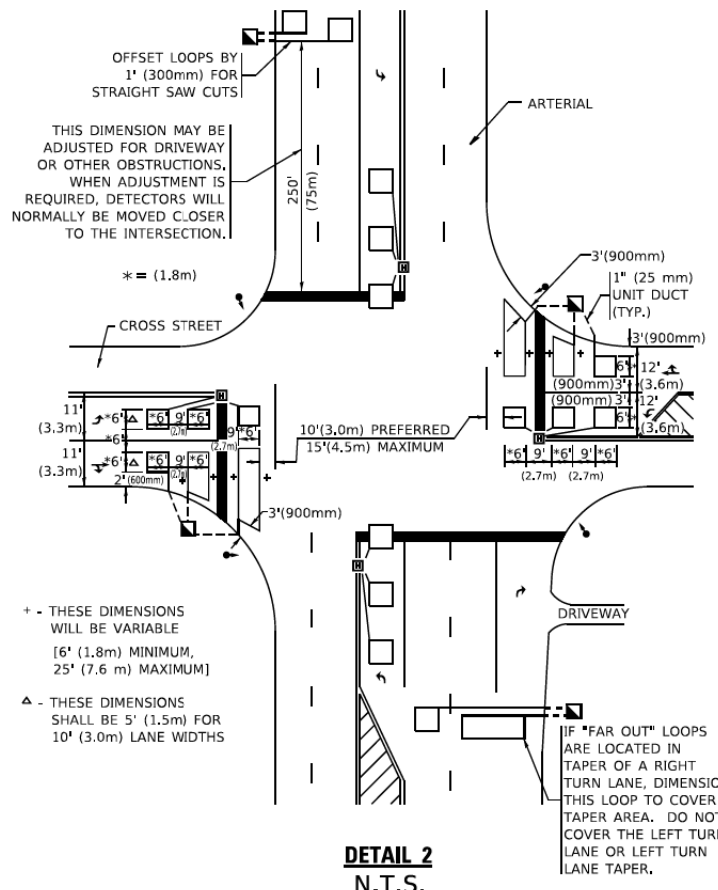
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.



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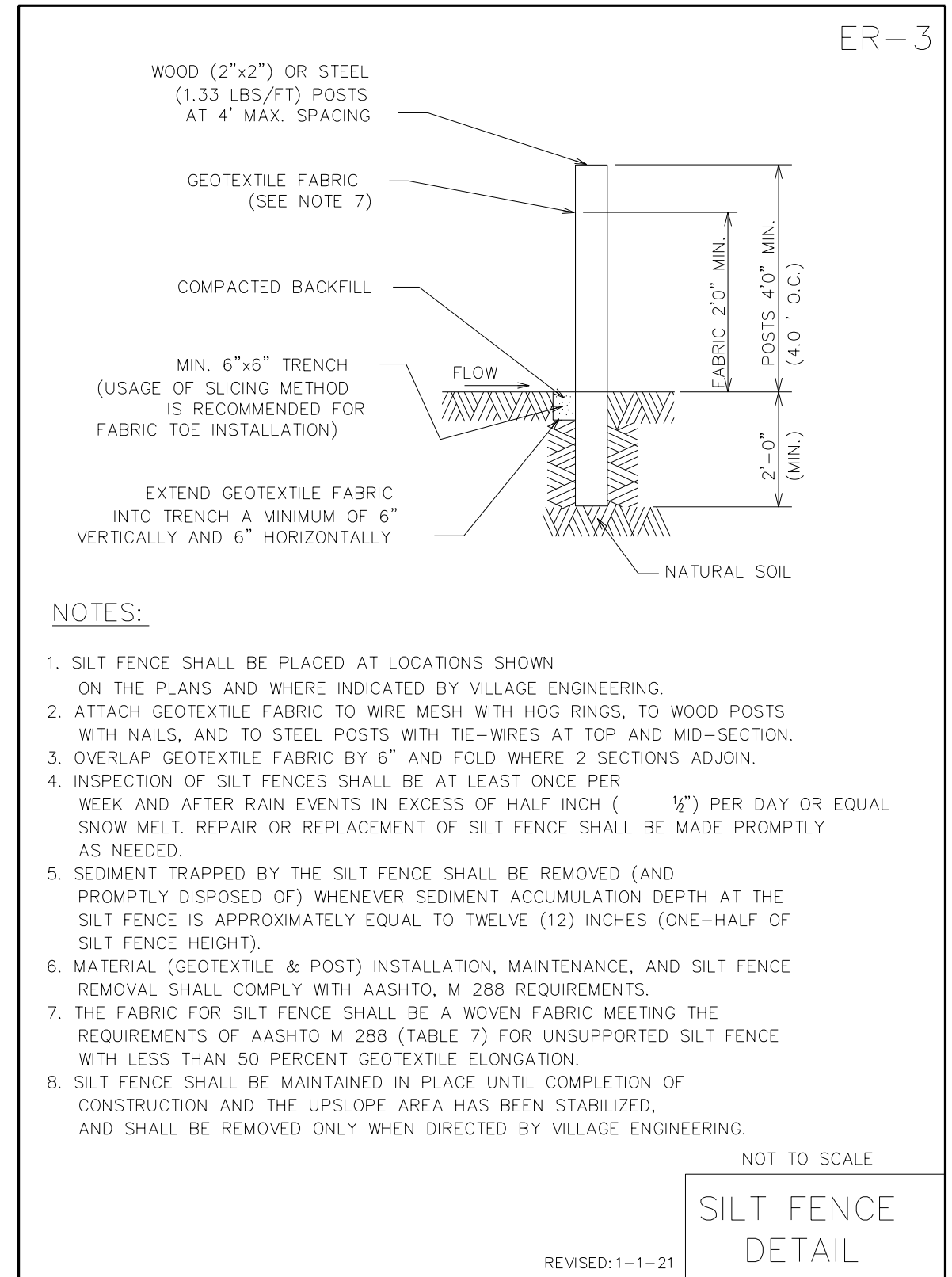
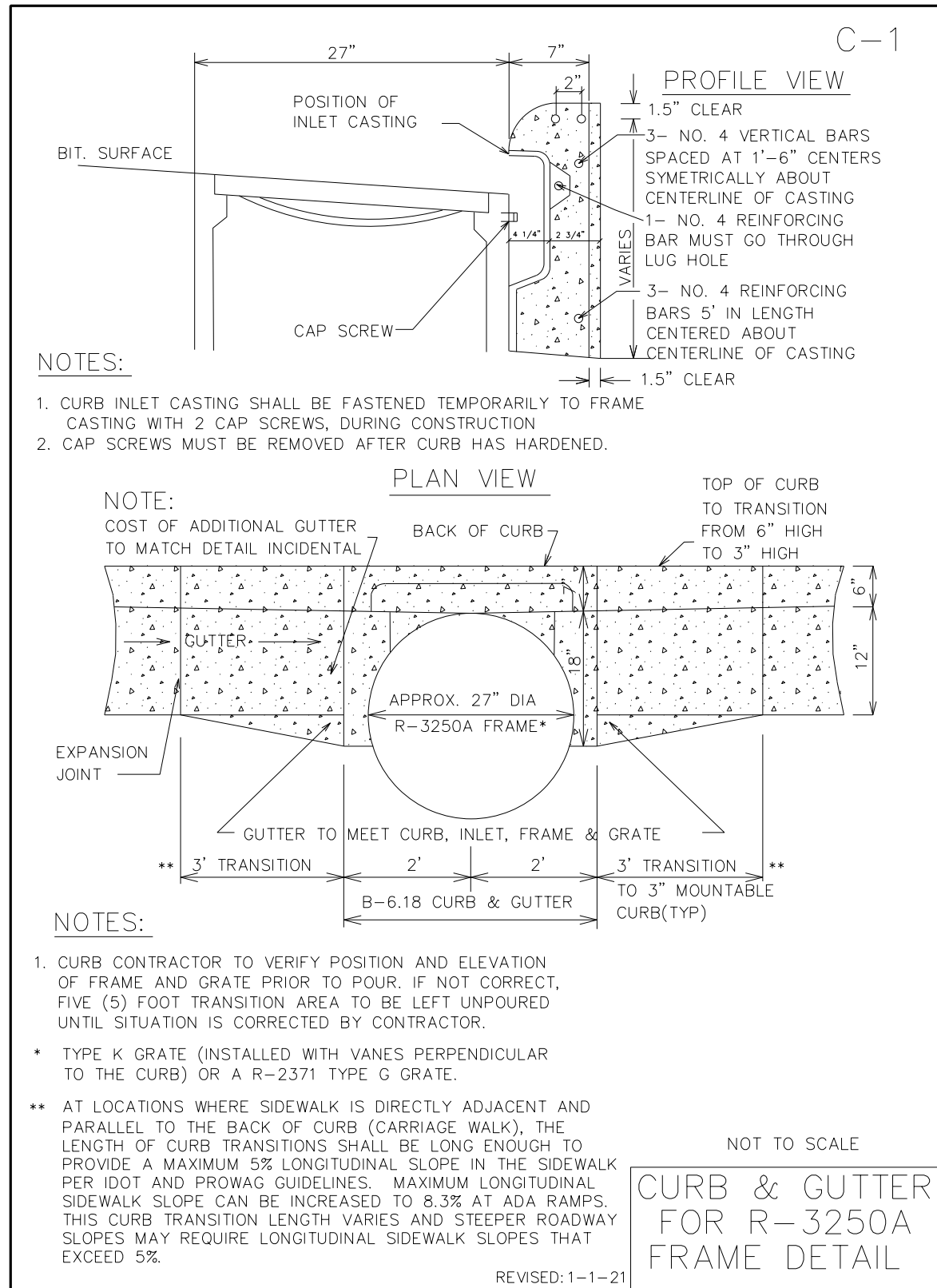
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT DISTRICT 1
STANDARD DETAILS

SCALE: NONE SHEET 19 OF 19 SHEETS STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	117
	TS-07		CONTRACT NO. 61H71	
		ILLINOIS	FED. AID PROJECT	

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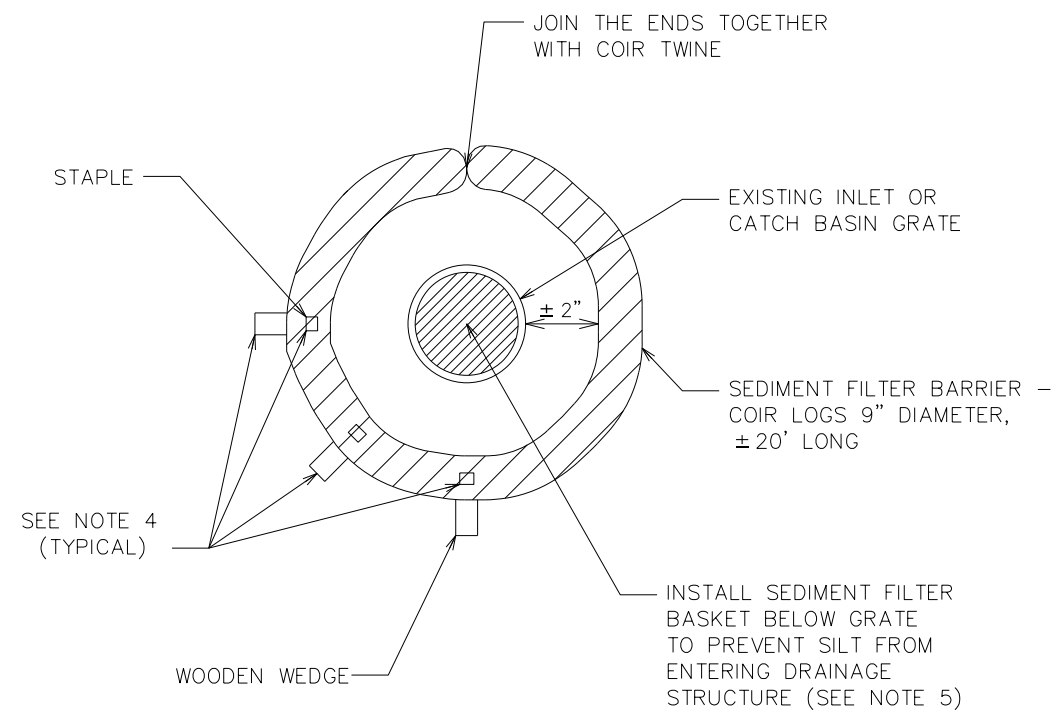


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PLOT SCALE = 2,0000' / in.	DRAWN	REVISED
PLOT DATE = 2/25/2022	CHECKED	REVISED
	DATE 2/14/2021	REVISED

DETAIL SHEET GLENVIEW STANDARD DETAIL	
SCALE: NTS	SHEET 1 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	118
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

ER-5



NOTES:

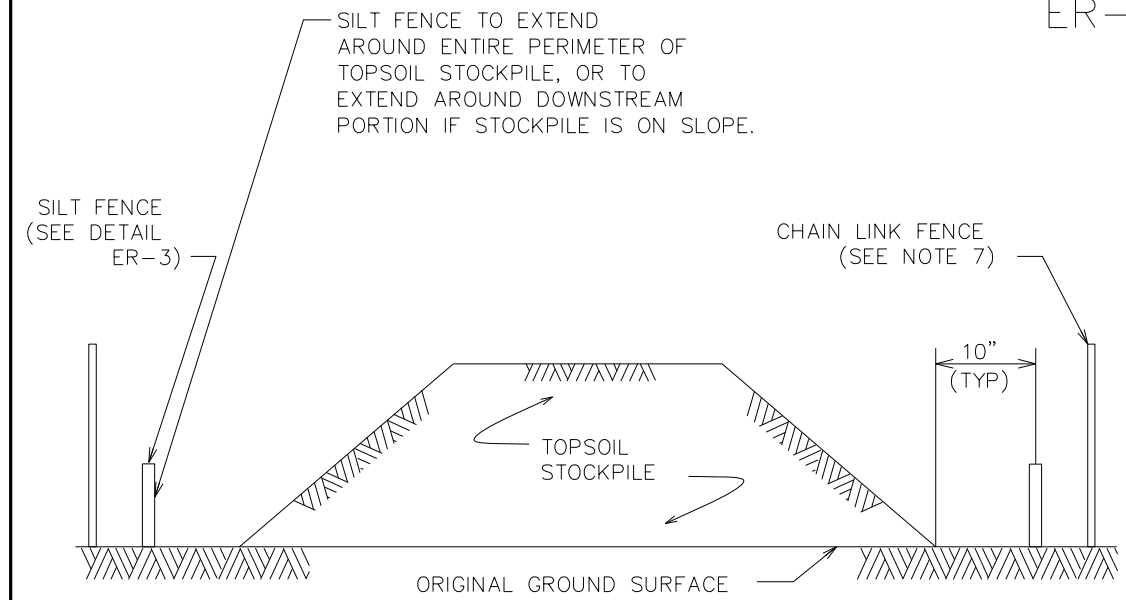
1. SEDIMENT FILTER BARRIERS AND FILTER BASKETS SHALL BE INSTALLED AND MAINTAINED FOR ALL STORM SEWER INLETS, CATCH BASINS AND MANHOLES WITH OPEN GRATES, AS DIRECTED BY VILLAGE ENGINEERING.
2. SEDIMENT FILTER BARRIERS SHALL BE PLACED WITH ENDS TIGHTLY ABUTTING THE ADJACENT SEDIMENT BARRIERS TO CREATE A CONTINUOUS BARRIER.
3. EACH SEDIMENT BARRIER SHALL BE STAPLED (3.0' O.C.). STAPLES TO PENETRATE 6" TO 12" BELOW GRADE.
4. WOODEN WEDGES AND/OR STAPLES AS PER MANUFACTURER'S PRODUCT INSTALLATION SPECIFICATIONS.
5. REINFORCED FILTER BASKETS SHALL BE USED FOR SEDIMENT CONTROL. SEE STANDARD DETAILS ER-8, ER-9.
6. INSPECTION OF SEDIMENT BARRIERS AND FILTER BASKETS SHALL BE AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS OF HALF INCH (1/2") PER DAY OR EQUAL SNOW MELT. REPAIR OR REPLACEMENT OF SEDIMENT FILTER SHALL BE MADE PROMPTLY AS NEEDED.
7. REMOVE ACCUMULATED SEDIMENT WHEN SEDIMENT DEPTH AT THE FILTER BARRIER IS APPROXIMATELY EQUAL TO ONE-HALF OF BARRIER'S HEIGHT.
8. SEDIMENT BARRIERS AND FILTER BASKETS SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION AND ONLY WHEN DIRECTED BY VILLAGE ENGINEERING.

NOT TO SCALE

ABOVE
GRADE INLET
FILTERS

REVISED: 1-1-21

ER-7



NOTES:

1. AN ON-SITE DRAINAGE SWALE SHALL BE LOCATED BETWEEN THE TOPSOIL STOCKPILE AND OFF-SITE PROPERTY.
2. REFERENCE IS MADE TO THE SILT FENCE DETAIL (ER-3) FOR MATERIALS AND INSTALLATION METHODS.
3. IF THE STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, IT SHALL BE STABILIZED WITH STRAW BLANKET OR SEEDED TO MINIMIZE EROSION.
4. INSPECTION OF SILT FENCES SHALL BE AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS OF HALF INCH (1/2 ") PER DAY OR EQUAL SNOW MELT. REPAIR OR REPLACEMENT OF SILT FENCE SHALL BE MADE PROMPTLY AS NEEDED.
5. SEDIMENT TRAPPED BY THE SILT FENCES SHALL BE REMOVED AND PROPERLY DISPOSED OF WHENEVER SEDIMENT ACCUMULATION DEPTH AT THE SILT FENCE IS APPROXIMATELY EQUAL TO TWELVE (12) INCHES (ONE-HALF OF SILT FENCE HEIGHT).
6. SILT FENCES SHALL BE MAINTAINED IN PLACE UNTIL TOPSOIL STOCKPILE HAS BEEN ELIMINATED AND SHALL BE REMOVED ONLY WHEN DIRECTED BY VILLAGE ENGINEERING.
7. TO COMPLY WITH THE VILLAGE'S SAFETY REQUIREMENTS ERECTION OF STABLE AND SECURE SIX (6) FEET HIGH CHAIN LINK FENCE AROUND THE PERIMETER OF THE STOCKPILED MATERIAL IS REQUIRED. COORDINATE WITH THE ENGINEER.
8. STOCKPILING OF MATERIALS SHALL BE OUTSIDE OF THE CRITICAL ROOT ZONE OF ALL TREES.

NOT TO SCALE

TEMPORARY
TOPSOIL
STOCKPILE
DETAIL

REVISED: 1-1-21

MODEL: Default
FILE NAME: 132547.dwg, doc32.dwg



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	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

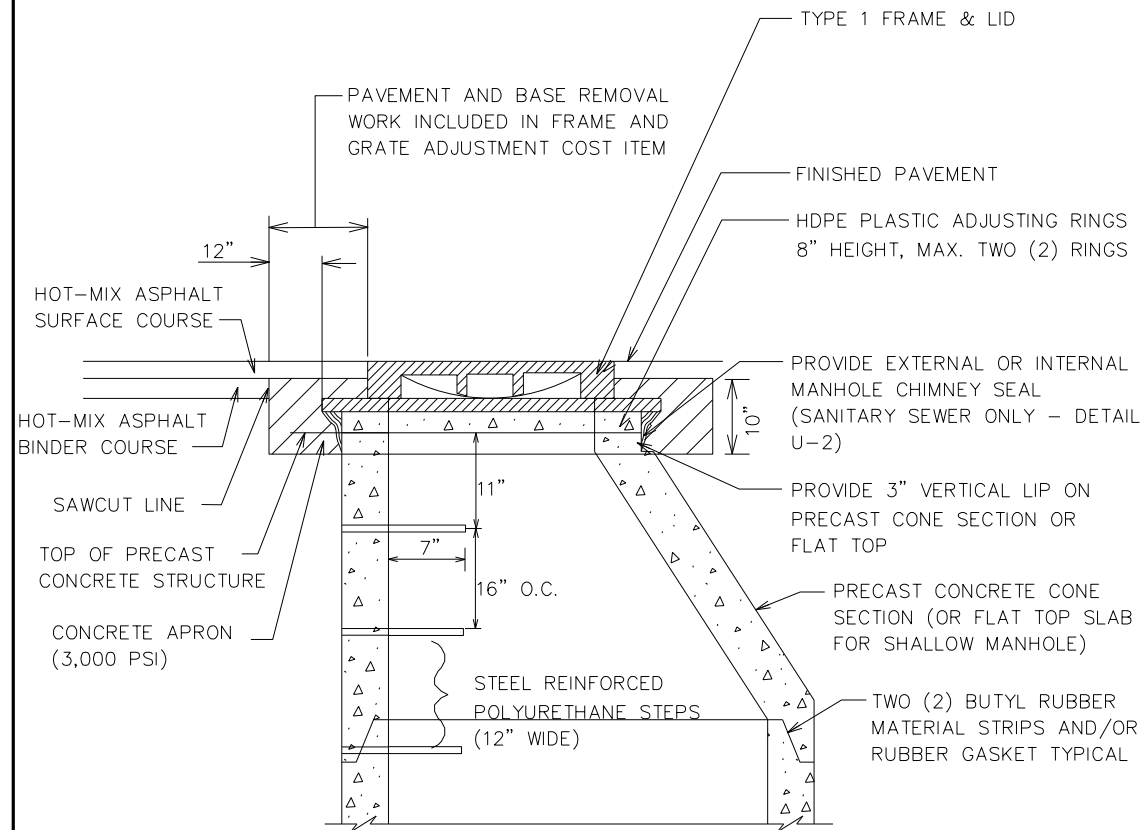
DETAIL SHEET
GLENVIEW STANDARD DETAIL

SCALE: NTS SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.U.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	119
CONTRACT NO. 61H71				

ILLINOIS FED. AID PROJECT
15-00190-00-PV

U-1



NOTES:

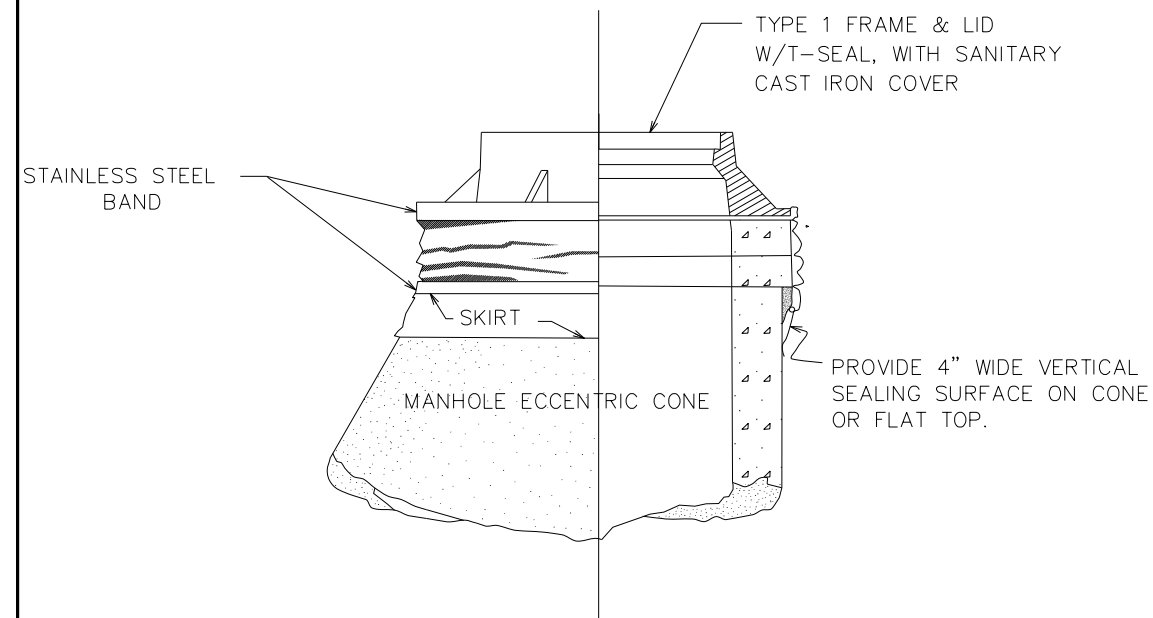
- UTILITY STRUCTURE FRAME AND LID OR GRATE ADJUSTMENTS, INCLUDING POURING OF CONCRETE APRON, SHALL BE PERFORMED BY THE CONTRACTOR BEFORE PLACING HOT-MIX ASPHALT SURFACE COURSE.
- PRECAST CONCRETE ADJUSTING RINGS SHALL BE USED IN PARKWAYS.
- HIGH DENSITY POLYETHYLENE (HDPE) PLASTIC ADJUSTING RINGS SHALL BE USED IN PAVED AREAS.
- CASTINGS (FRAMES) OR CONCRETE ADJUSTING RINGS PLACED ON CONCRETE CONE OR TOP SLAB SHALL BE SET IN FULL MORTAR BEDS.
- APPLY APPROVED SEALING BUTYL RUBBER MATERIAL OR RUBBER GASKETS BETWEEN CONCRETE CONE OR TOP SLAB AND PLASTIC ADJUSTING RING, ADJUSTING RINGS, AND BETWEEN ADJUSTING RING AND FRAME.

NOT TO SCALE

STRUCTURE
FRAME & LID
ADJUSTMENT
DETAIL

REVISED: 1-1-21

U-2



INTERNAL CHIMNEY SEALS TO SPAN CHIMNEY HEIGHTS OF:

- 0 - 4" CHIMNEY SEAL ONLY
- 4" TO 9" SEAL + 7" EXTENSION
- 9" TO 12" SEAL + 10" EXTENSION
- OVER 12" SEAL + MULTI. EXTENSIONS

EXTERNAL CHIMNEY SEALS TO SPAN CHIMNEY HEIGHTS OF:

- 0 - 3" NARROW (6") SEAL ONLY
- 3 TO 6" STANDARD (9") SEAL ONLY
- 6" TO 12" STD. SEAL + EXTENSION
- OVER 12" SEAL + MULTI. EXTENSIONS

NOTE:

- CHIMNEY SEALS SHALL BE INSTALLED ON ALL SANITARY SEWER
- "CRETEX" EXTERNAL/INTERNAL SEALS ARE REQUIRED. OTHER PRODUCTS
- IF INTERNAL SEALS ARE USED, THE STRUCTURE, INCLUDING ADJUSTMENT RINGS, MUST BE INSPECTED BY VILLAGE
- CHIMNEY SEALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

NOT TO SCALE

CHIMNEY
SEAL
DETAIL

REVISED: 1-1-21

MODEL: Default
FILE NAME: 152547.dwg, dnc33.dwg



USER NAME = jmallen2	DESIGNED	REVISED
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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET
GLENVIEW STANDARD DETAIL

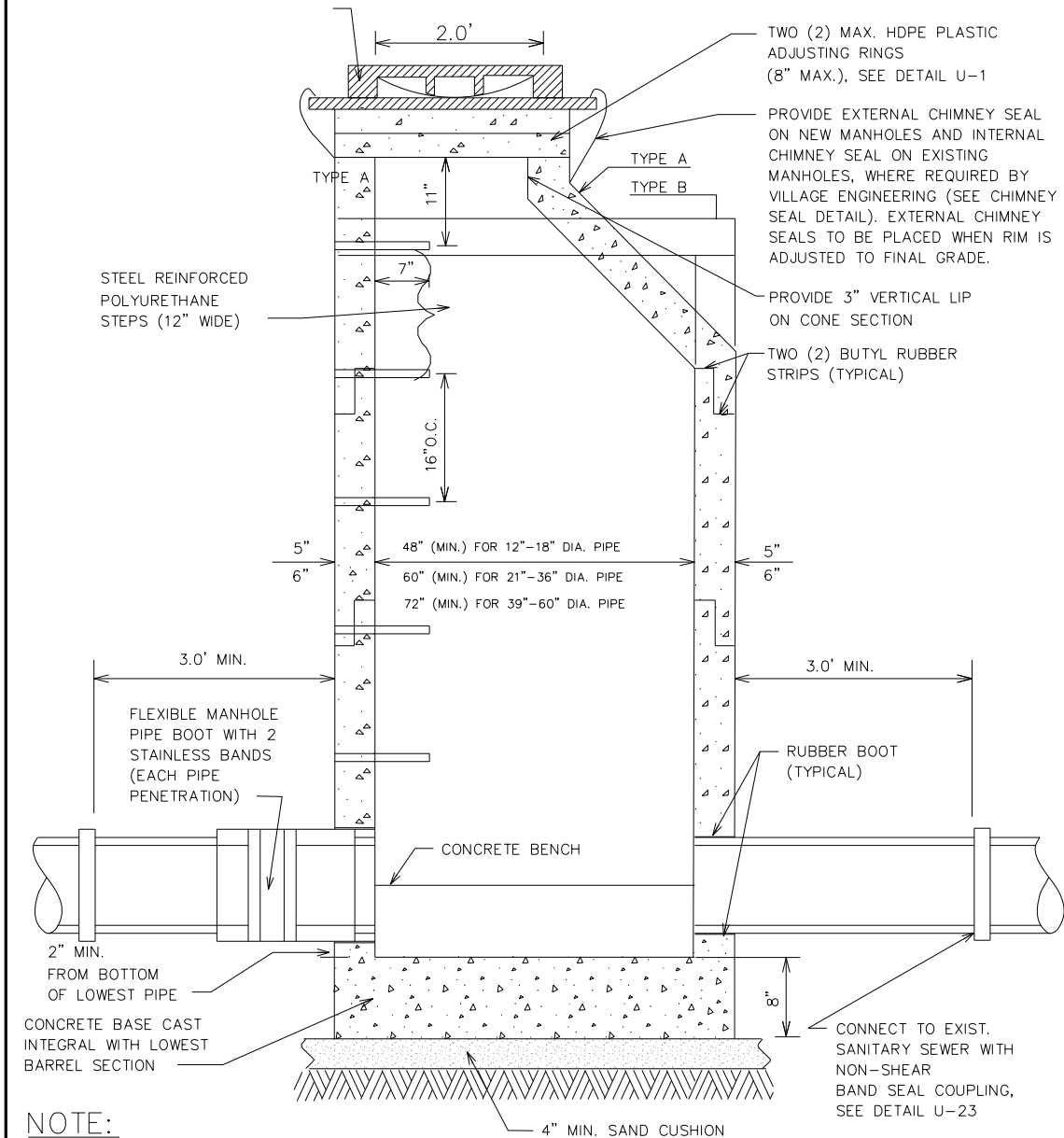
SCALE: NTS SHEET 3 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	120
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

15-00190-00-PV

TYPE 1 FRAME & LID
W/T-SEAL
WITH "SANITARY" CAST INTO COVER

U-3



NOTE:

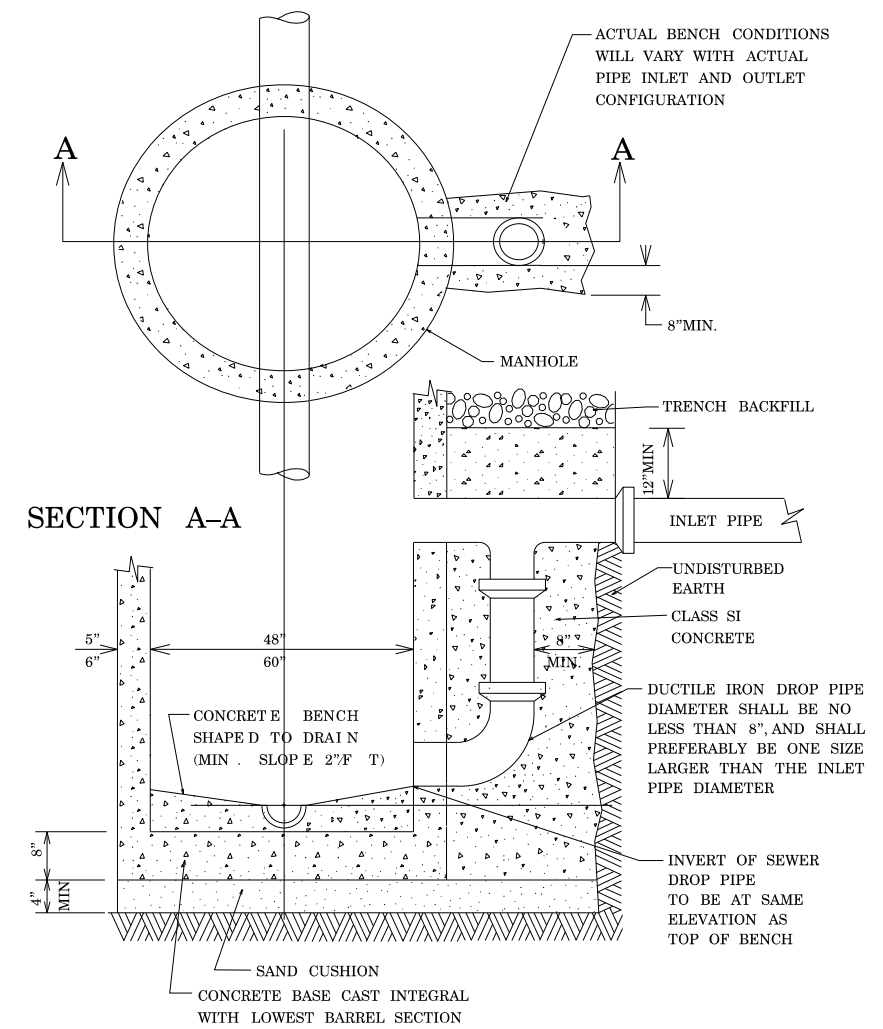
1. MANHOLES MUST CONFORM TO ASTM C-478.
2. MANHOLE SECTIONS TO BE TONGUE AND GROOVED.
3. BENCHES MUST BE PROVIDED IN ALL SANITARY SEWER MANHOLES
4. USE EXTERNAL LIFTING "HOLES" ONLY, BUT NOT FULL PENETRATION.
5. ALL PIPE PENETRATIONS AND ALL NON-PRECAST OPENINGS SHALL BE CORED, RUBBER BOOTED AND INTERIOR MORTARED AROUND PIPE.*
6. USE ECCENTRIC CONE ONLY.

* SEE PIPE CONNECTION TO STRUCTURE DETAIL U-5.

REVISED: 1-1-21

NOT TO SCALE
**SANITARY
MANHOLE
DETAIL**

U-4



NOTE:

1. DROP MANHOLE WILL BE REQUIRED WHERE DIFFERENCE BETWEEN INVERT ELEVATION OF INLET AND DOWNSTREAM PIPE IS GREATER THAN 12".
2. NON-PRECAST OPENINGS SHALL BE CORED, RUBBER BOOTED AND INTERIOR MORTARED AROUND PIPE.*

* SEE PIPE CONNECTION TO STRUCTURE DETAIL U-5.

REVISED: 1-1-21

NOT TO SCALE
**DROP MANHOLE
DETAIL**

MODEL: Default
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PLOT SCALE = 2,0000' / in.	DRAWN	REVISED
PLOT DATE = 2/25/2022	CHECKED	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

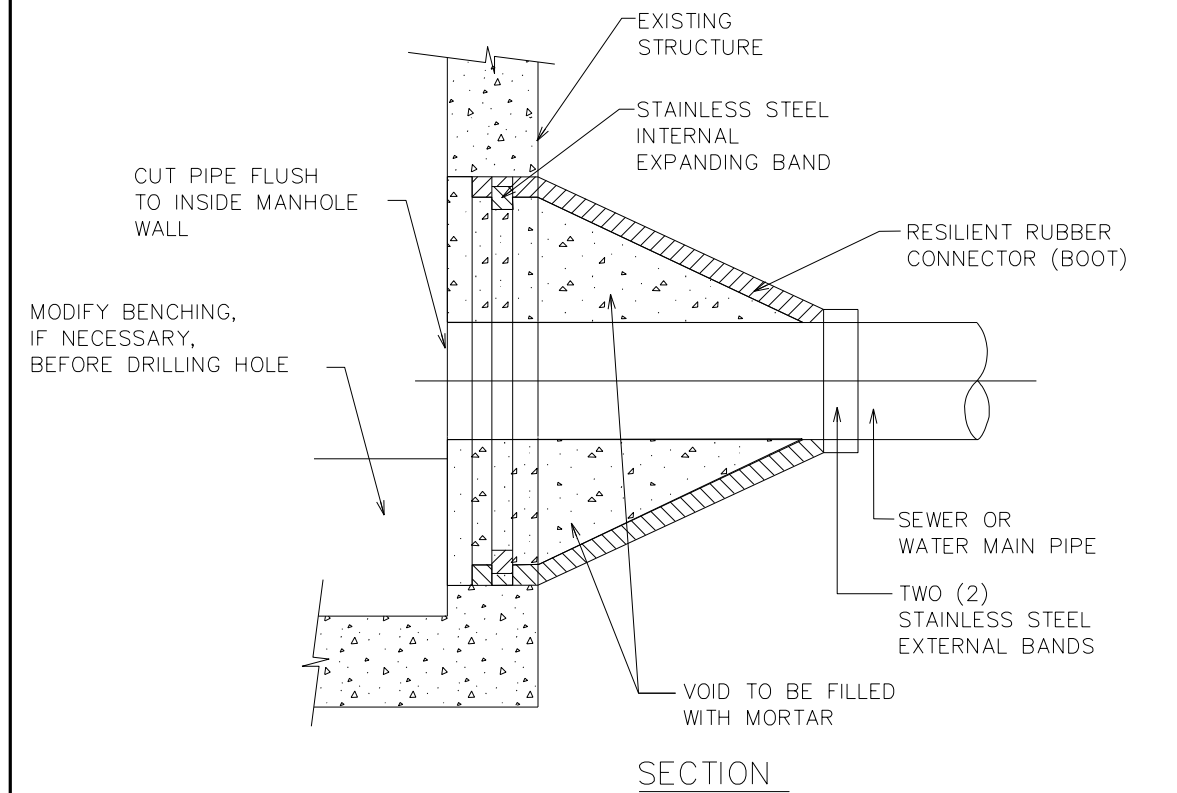
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DETAIL SHEET
GLENVIEW STANDARD DETAIL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	121
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

15-00190-00-PV

U-5



SECTION

NOTES:

1. RESILIENT RUBBER CONNECTOR COMPLYING WITH ASTM STANDARD C-923 (MOST RECENT EDITION) SHALL BE USED.
2. CORE-DRILL CIRCULAR OPENING IN STRUCTURE WALL OF DIAMETER NECESSARY TO FIT THE REQUIRED BOOT SIZE.
3. KOR-N SEAL FLEXIBLE RUBBER BOOT (MANUFACTURED BY NATIONAL POLLUTION CONTROL SYSTEMS, INC.) MAY BE USED IF APPROVED BY VILLAGE ENGINEERING.
4. CUT, SHAPE AND SLOPE NEW INVERT CHANNEL IN THE EXISTING CONCRETE BENCH FOR SMOOTH FLOW FROM NEW CONNECTION.
5. CLEAN EXISTING STRUCTURE AND SEWER PIPE OF ANY DIRT, CONCRETE OR DEBRIS WHICH MAY ACCUMULATE DURING THE CONSTRUCTION PROCESS.

NOT TO SCALE

PIPE
CONNECTION
TO STRUCTURE
DETAIL

REVISED: 1-1-21

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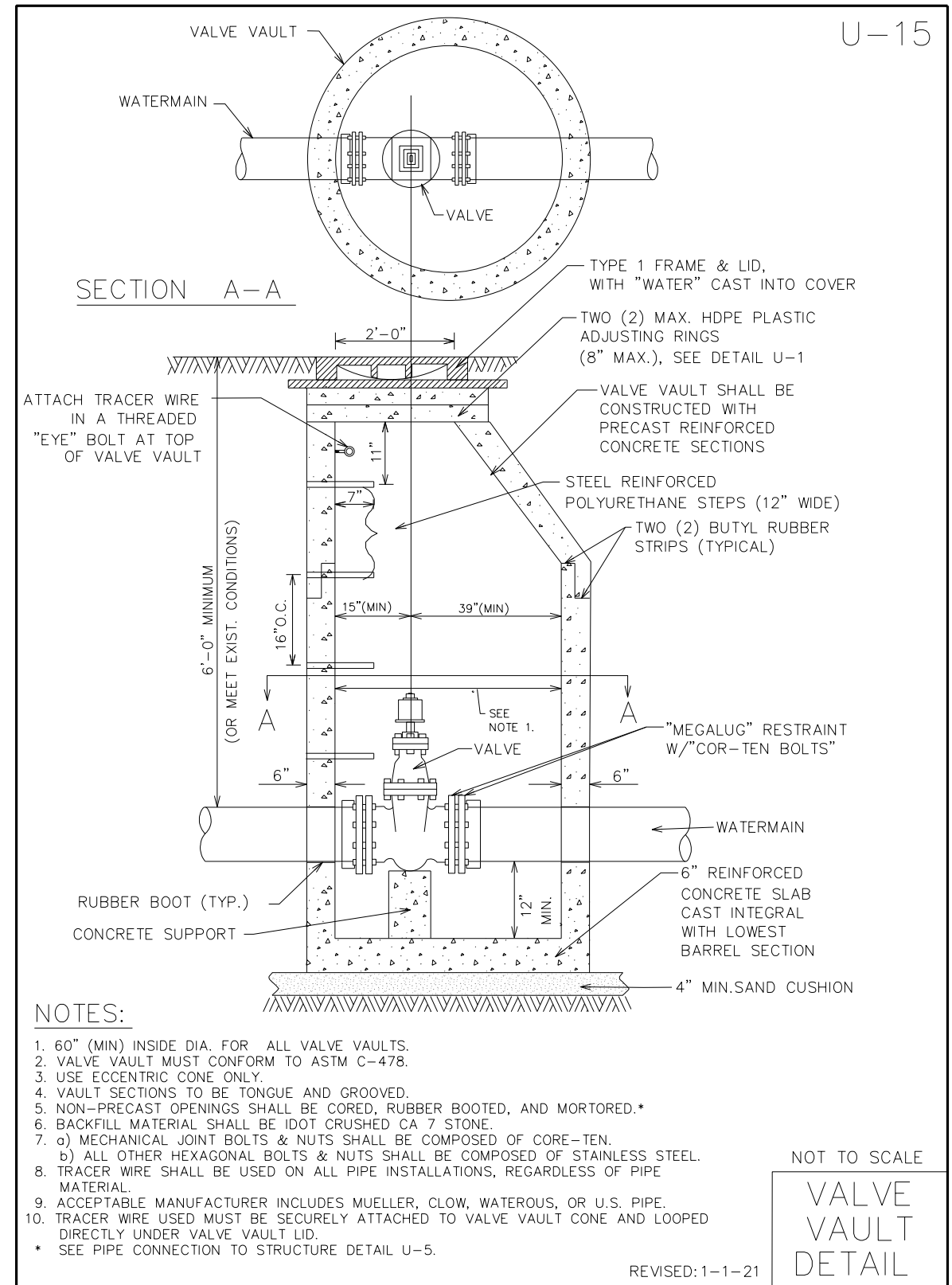
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	PLOT DATE = 2/25/2022	CHECKED	REVISED
		DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL SHEET
GLENVIEW STANDARD DETAIL**

SCALE: NTS SHEET 5 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	122
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



NOTES:

1. 60" (MIN) INSIDE DIA. FOR ALL VALVE VAULTS.
 2. VALVE VAULT MUST CONFORM TO ASTM C-478.
 3. USE ECCENTRIC CONE ONLY.
 4. VAULT SECTIONS TO BE TONGUE AND GROOVED.
 5. NON-PRECAST OPENINGS SHALL BE CORED, RUBBER BOOTED, AND MORTORED.*
 6. BACKFILL MATERIAL SHALL BE IDOT CRUSHED CA 7 STONE.
 7. a) MECHANICAL JOINT BOLTS & NUTS SHALL BE COMPOSED OF CORE-TEN.
b) ALL OTHER HEXAGONAL BOLTS & NUTS SHALL BE COMPOSED OF STAINLESS STEEL.
 8. TRACER WIRE SHALL BE USED ON ALL PIPE INSTALLATIONS, REGARDLESS OF PIPE MATERIAL.
 9. ACCEPTABLE MANUFACTURER INCLUDES MUELLER, CLOW, WATEROUS, OR U.S. PIPE.
 10. TRACER WIRE USED MUST BE SECURELY ATTACHED TO VALVE VAULT CONE AND LOOPED DIRECTLY UNDER VALVE VAULT LID.
- * SEE PIPE CONNECTION TO STRUCTURE DETAIL U-5.

NOT TO SCALE
VALVE VAULT DETAIL

REVISED: 1-1-21

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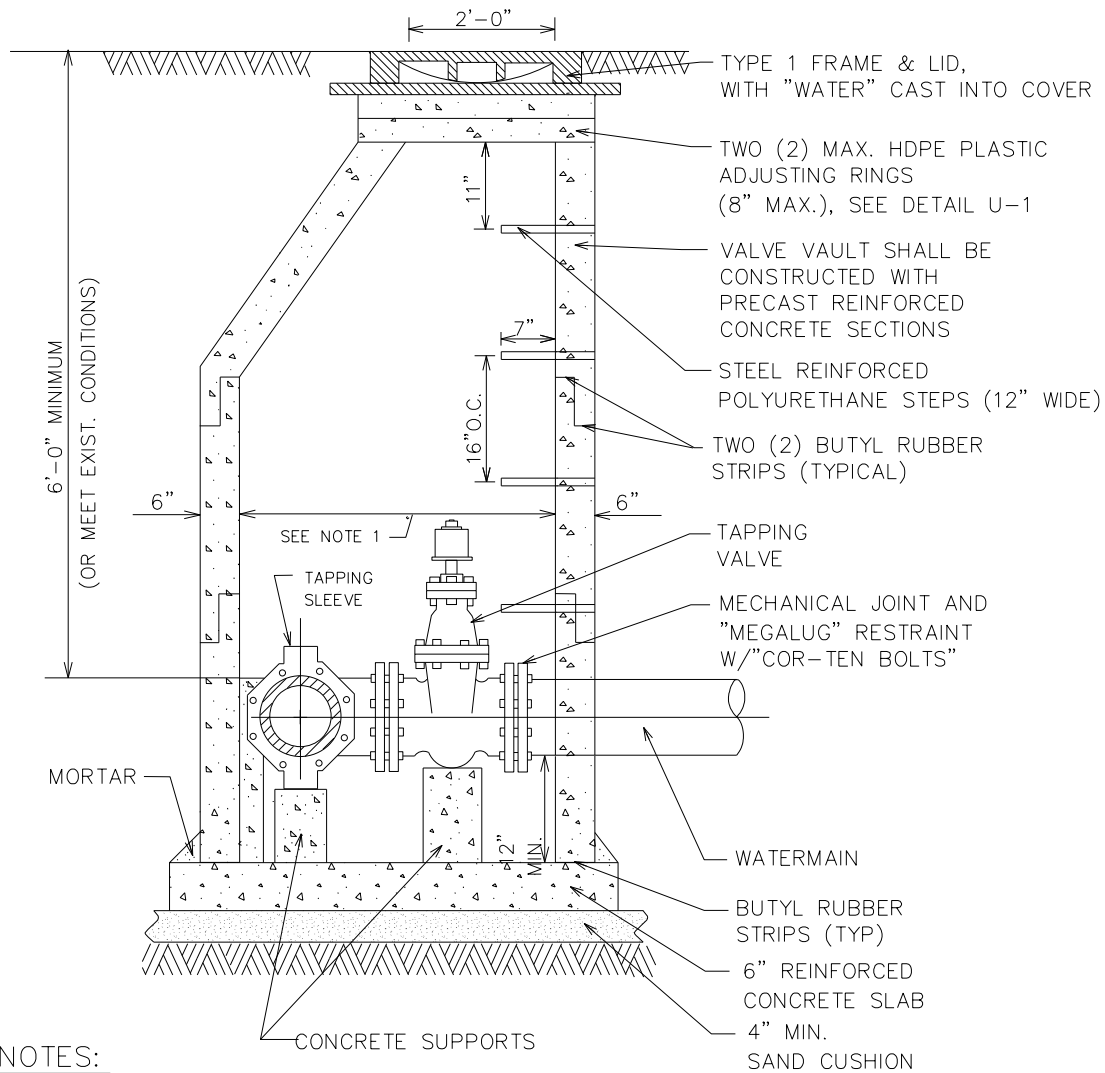
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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAIL SHEET	
GLENVIEW STANDARD DETAIL	
SCALE: NTS	SHEET 6 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	123
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

U-18



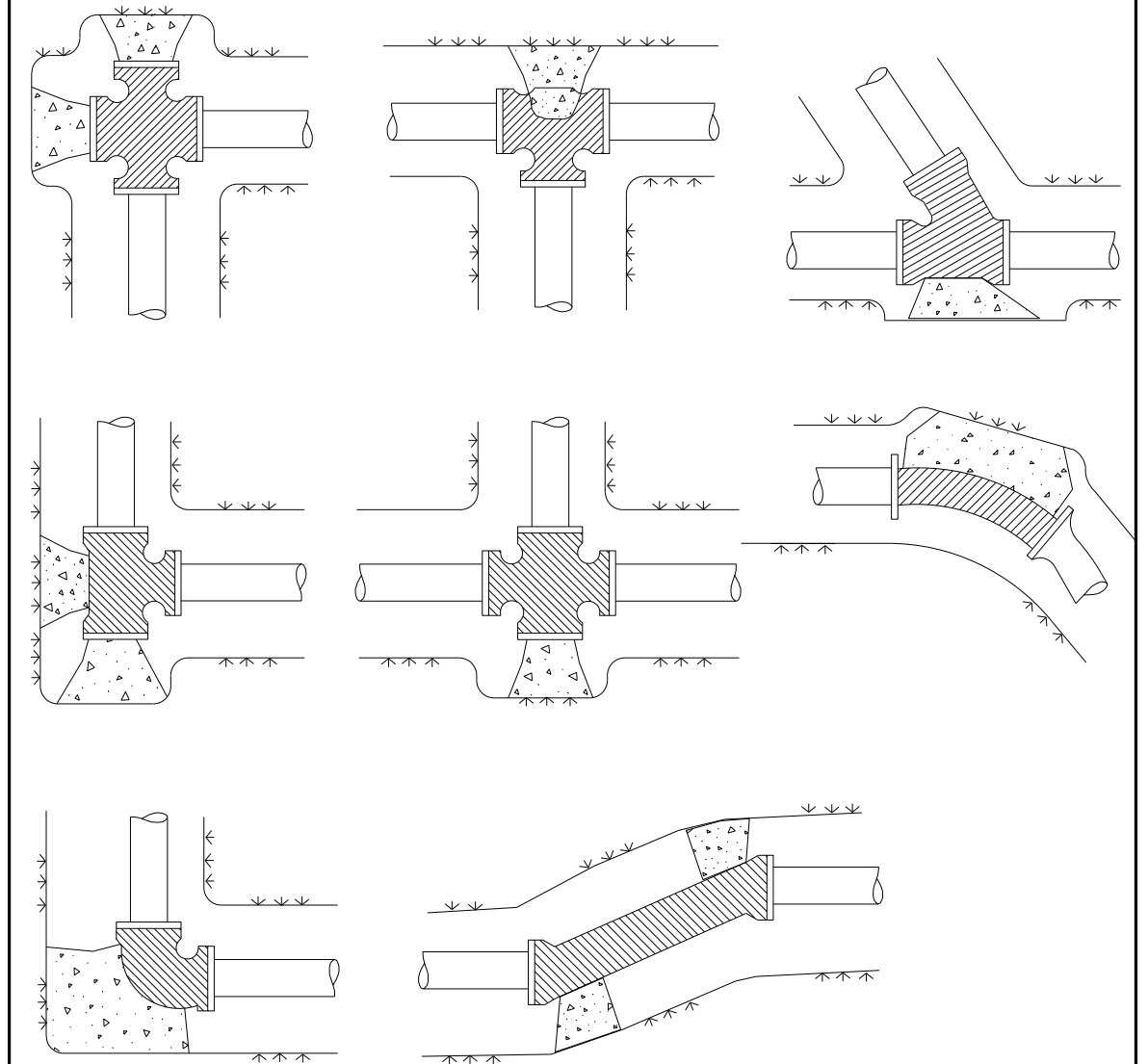
NOTES:

1. 60" (MIN) INSIDE DIA. FOR ALL PRESSURE CONNECTION VAULTS.
 2. BACKFILL MATERIAL SHALL BE IDOT CRUSHED CA 7 STONE.
 3. a) MECHANICAL JOINT BOLTS & NUTS SHALL BE COMPOSED OF CORE-TEN.
b) ALL OTHER HEXAGONAL BOLTS & NUTS SHALL BE COMPOSED OF STAINLESS STEEL.
c) TAPPING SLEEVE SHALL BE CAST IRON OR DUCTILE IRON BODY.
 4. USE ECCENTRIC CONE FOR PRESSURE CONNECTIONS UP TO 12" DIA. USE CONCENTRIC CONES FOR PRESSURE CONNECTIONS 12" DIA. AND LARGER.
 5. VALVE VAULT MUST CONFORM TO ASTM C-478.
 6. ALL SECTIONS TO BE TONGUE AND GROOVED.
 7. NON-PRECAST OPENINGS SHALL BE CORED, RUBBER BOOTED, AND MORTARED.*
 8. TRACE WIRE SHALL BE USED ON ALL PIPE INSTALLATIONS, REGARDLESS OF PIPE MATERIAL.
- * SEE PIPE CONNECTIONS TO STRUCTURE DETAIL U-5.

REVISED: 1-1-21

NOT TO SCALE
PRESSURE
CONNECTION
DETAIL

U-19



NOTE:

1. ALL BENDS OF 10° AND LARGER SHALL BE BLOCKED WITH AT LEAST 10" THICK POURED IN PLACE CONCRETE BLOCKS AGAINST UNDISTURBED VERTICAL EARTH FACE.
2. ALL CONCRETE TO BE MIN. 3,000 PSI.
3. IN ADDITION TO THE ABOVE THRUST BLOCKING: ALL MECHANICAL JOINTS, (BENDS OVER 10, TEES, CROSSES, VALVES AND FIRE HYDRANTS) SHALL HAVE A "MEGALUG" RESTRAINT. BOLTS SHALL BE "COR-TEN".

REVISED: 1-1-21

NOT TO SCALE
THRUST BLOCK
DETAIL

MODEL: Default
FILE NAME: 132547.dwg, dec318.dwg



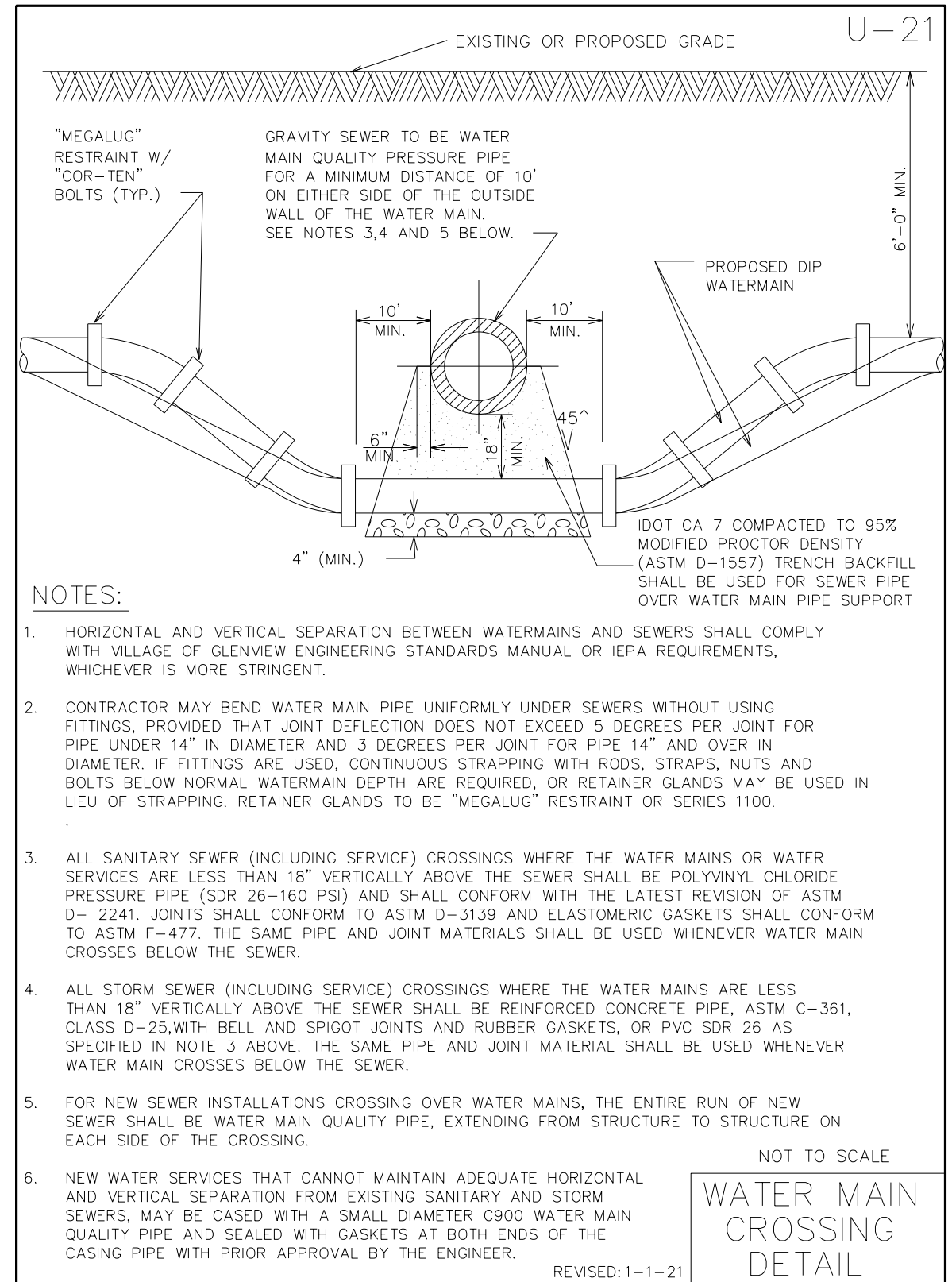
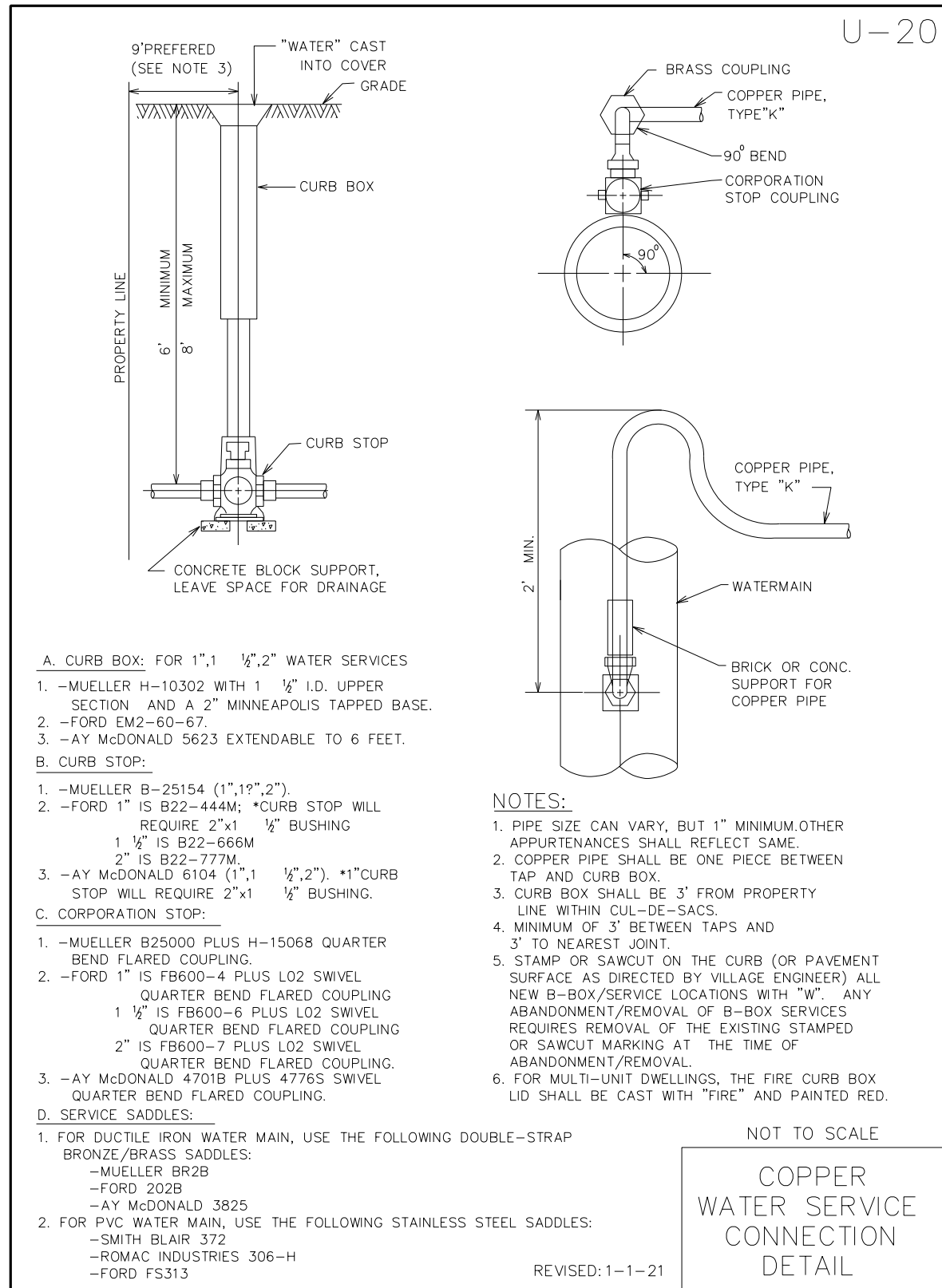
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PLOT DATE = 2/25/2022	CHECKED	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET
GLENVIEW STANDARD DETAIL

SCALE: NTS SHEET 7 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	124
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



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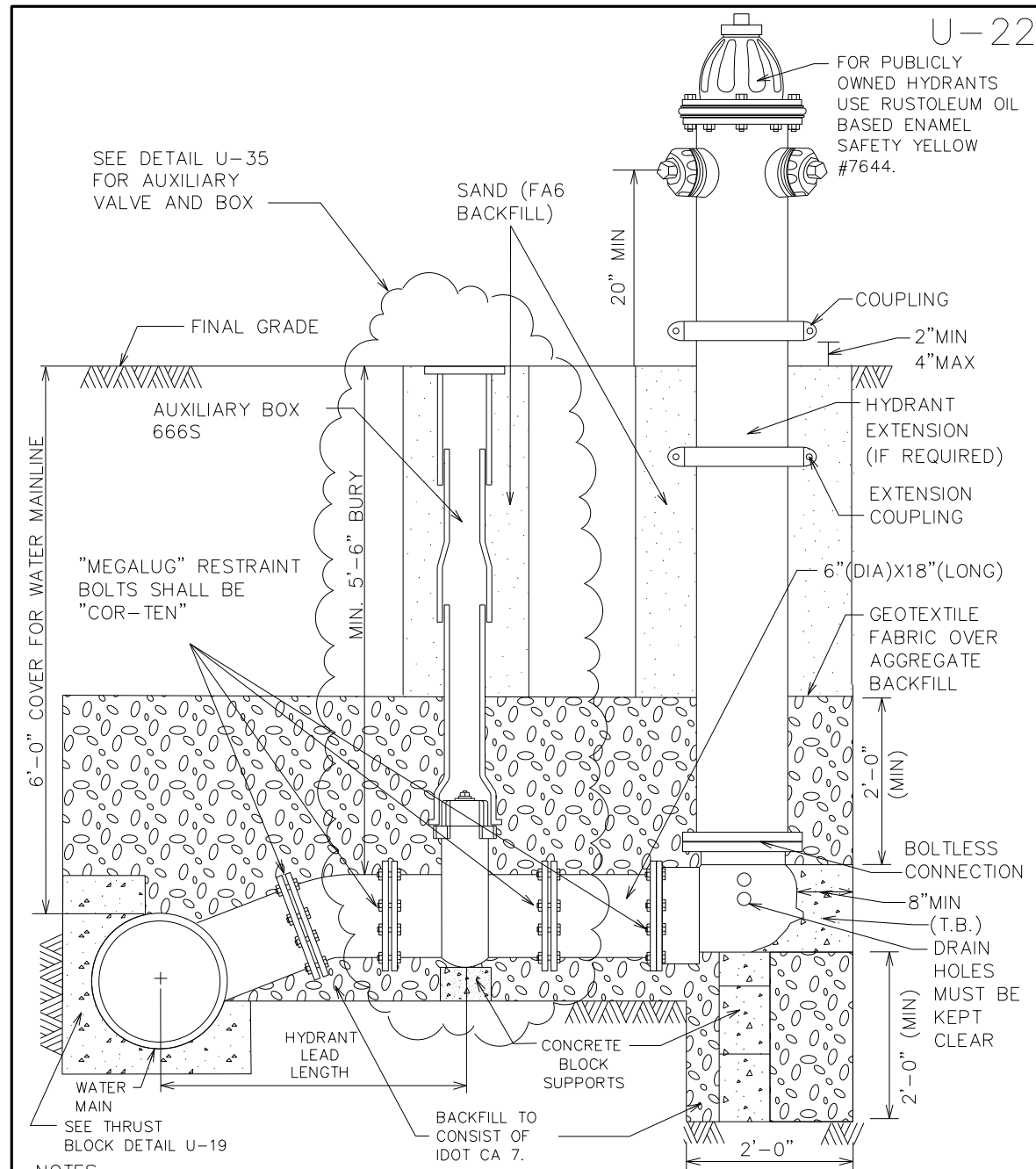
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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL SHEET
GLENVIEW STANDARD DETAIL**

SCALE: NTS SHEET 8 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	125
CONTRACT NO. 61H71				
ILLINOIS / FED. AID PROJECT				



U-22

FOR PUBLICLY OWNED HYDRANTS USE RUSTOLEUM OIL BASED ENAMEL SAFETY YELLOW #7644.

SEE DETAIL U-35 FOR AUXILIARY VALVE AND BOX

SAND (FA6 BACKFILL)

FINAL GRADE

AUXILIARY BOX 666S

"MEGALUG" RESTRAINT BOLTS SHALL BE "COR-TEN"

MIN. 5'-6" BURY

20" MIN

COUPLING

2" MIN 4" MAX

HYDRANT EXTENSION (IF REQUIRED)

EXTENSION COUPLING

6" (DIA) X 18" (LONG)

GEOTEXTILE FABRIC OVER AGGREGATE BACKFILL

2'-0" (MIN)

BOLTLESS CONNECTION

8" MIN (T.B.)

DRAIN HOLES MUST BE KEPT CLEAR

2'-0" (MIN)

CONCRETE BLOCK SUPPORTS

2'-0"

HYDRANT LEAD LENGTH

WATER MAIN

SEE THRUST BLOCK DETAIL U-19

BACKFILL TO CONSIST OF IDOT CA 7.

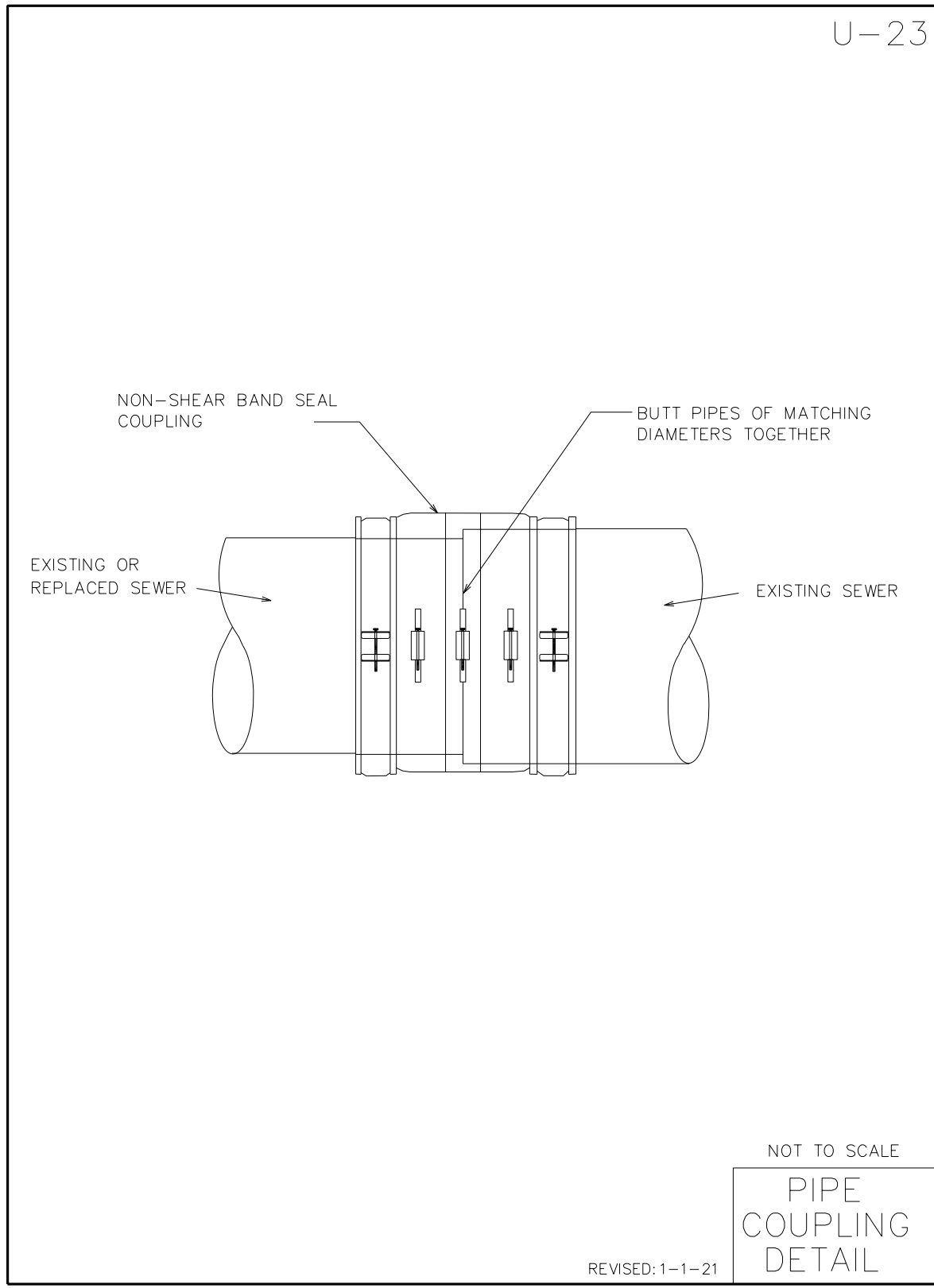
6'-0" COVER FOR WATER MAINLINE

NOTES:

- MUELLER SUPER CENTURION 200 A-425 HYDRANT OR CLOW F-2545 HYDRANT.
- ALL HYDRANTS TO HAVE TWO 4 1/2" PUMPER NOZZLES, N.S.T., AT 90 DEGREES SPREAD BETWEEN NOZZLES.
- MECHANICAL JOINT SHOE WITH 6" RESILIENT WEDGE AUXILIARY VALVE.
- MAIN VALVE OPENING SHALL BE 5 1/4".
- HYDRANT BARREL SHALL BE ONE PIECE DUCTILE IRON PIPE, POLY-WRAPPED (AS WATER MAIN) TO HYDRANT BASE.
- HYDRANT LEADS TO BE DUCTILE IRON PIPE, 6" DIAMETER UP TO 25' LONG, AND 8" DIAMETER IF GREATER THAN 25'.
- A MAGNETIZED TRACER BOX SHALL BE INSTALLED AT EACH NEW FIRE HYDRANT. LOCATE THE BOX BEHIND THE FIRE HYDRANT AWAY FROM THE FLOW OF WATER, WITHIN TWO FEET OF THE HYDRANT BARREL.

NOT TO SCALE
HYDRANT
DETAIL

REVISED: 1-1-21



U-23

NON-SHEAR BAND SEAL

BUTT PIPES OF MATCHING DIAMETERS TOGETHER

EXISTING OR REPLACED SEWER

EXISTING SEWER

NOT TO SCALE
PIPE
COUPLING
DETAIL

REVISED: 1-1-21

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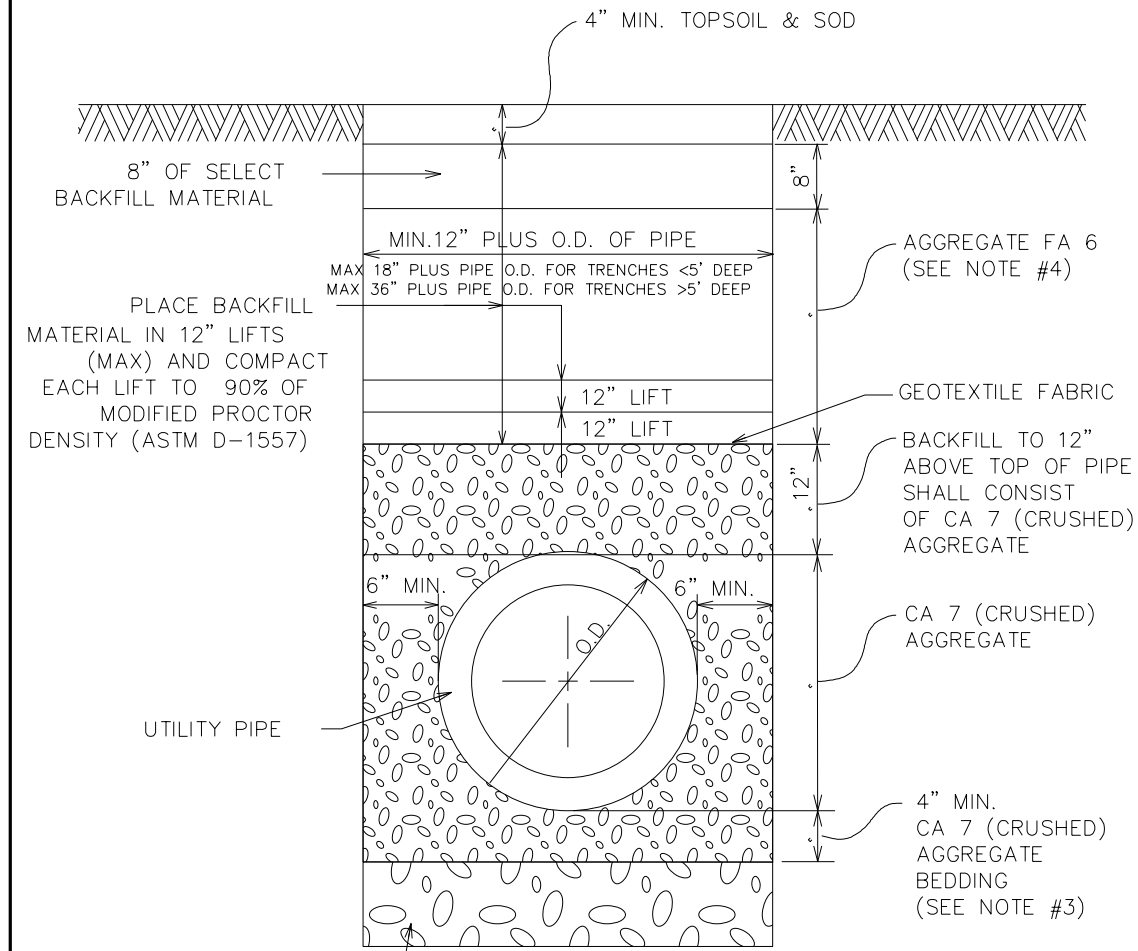
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET	
GLENVIEW STANDARD DETAIL	
SCALE: NTS	SHEET 9 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	126
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

U-24



NOTES:

1. ALL BACKFILL MATERIALS SHALL BE PROPERLY COMPACTED.
2. ALL TRENCH EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
3. BEDDING MATERIAL FOR PVC PIPE INSTALLATION SHALL COMPLY WITH ASTM D-2321.
4. FOR WATER MAIN TRENCHES, CRUSHED CA 7 SHALL EXTEND UP TO TWELVE (12) INCHES FROM FINISHED GRADE. WATER SERVICE TRENCHES SHALL BE BACKFILLED PER THIS DETAIL.

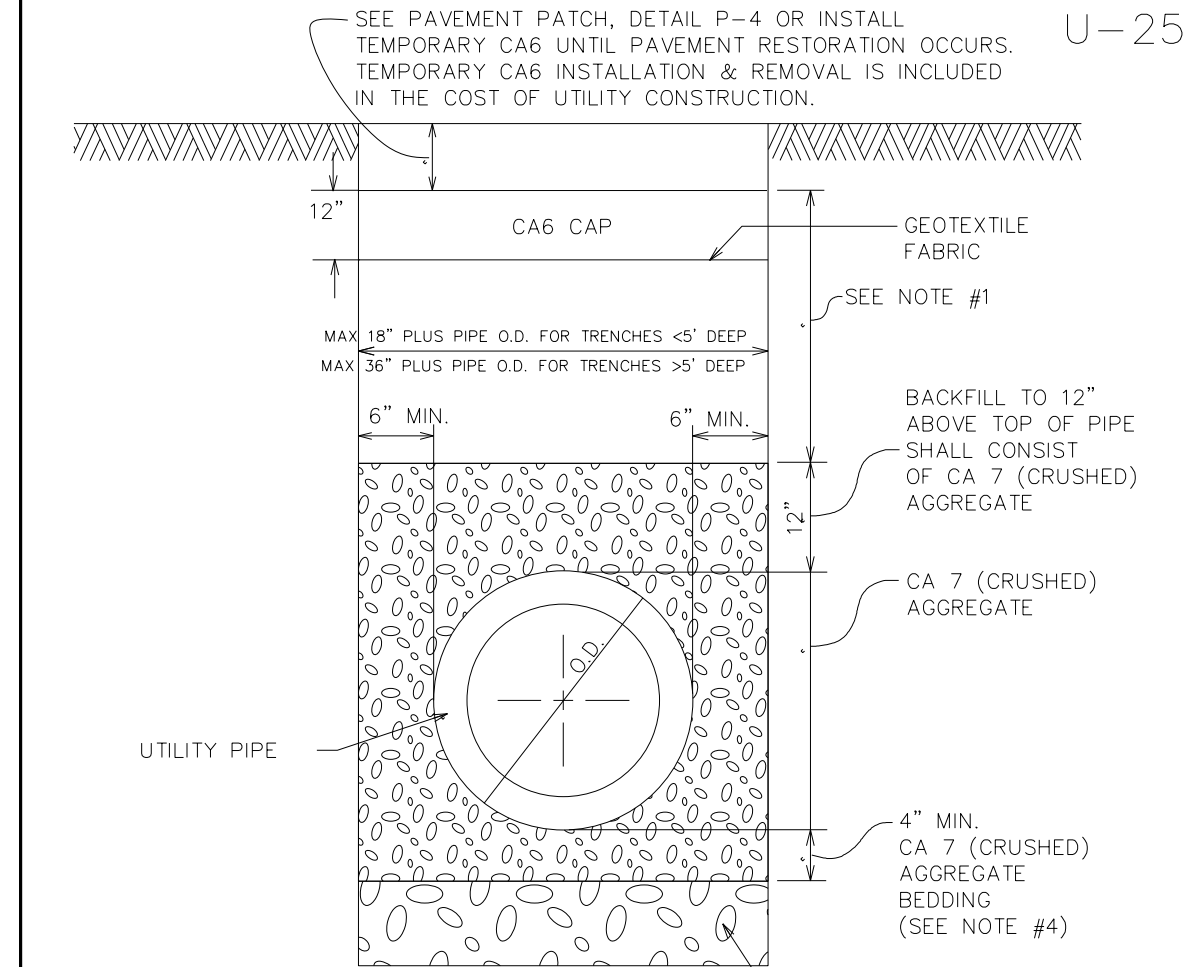
UNDERCUT UNSUITABLE AREAS WHERE DIRECTED AND REPLACE WITH CA 7 (CRUSHED)

NOT TO SCALE

UTILITY TRENCH
IN NON-PAVED
AREAS
DETAIL

REVISED: 1-1-21

U-25



NOTES:

1. TRENCH BACKFILL UNDER A PAVED SURFACE OR WITHIN THE ZONE OF INFLUENCE (5' FROM EDGE OF PAVEMENT OR 5' FROM THE BACK OF CURB ON CURBED STREETS) SHALL CONSIST OF:
 - a) UNDER NEW PAVEMENT: 12" THICK PAVEMENT SUBGRADE (AGGREGATE CA 6 CAP) OVER AGGREGATE CA 7 (CRUSHED) TRENCH BACKFILL OR CONTROLLED LOW STRENGTH MATERIAL (CLSM) MIX 1 (ONLY IF REQUIRED BY VILLAGE ENGINEERING)
 - b) UNDER EXISTING PAVEMENT: SAME AS 'a' ABOVE
 - c) UNDER PRIVATELY OWNED PAVEMENT: SAME AS 'a' ABOVE.
2. ALL MATERIALS SHALL BE PROPERLY COMPACTED PER SPECIFICATIONS (INUNDATION OR WATER JETTING IS NOT ALLOWED).
3. ALL TRENCH EXCAVATIONS SHALL MEET OSHA REQUIREMENTS.
4. BEDDING MATERIAL FOR PVC PIPE INSTALLATION SHALL COMPLY WITH ASTM D-2321.
5. IF APPROVED BY THE ENGINEER, A ONE (1) INCH THICK STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY CONTRACTOR UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND PROVIDED WITH BITUMINOUS RAMPS IF REQUIRED BY VILLAGE ENGINEERING.
6. PRIOR TO PLACEMENT OF PAVEMENT MATERIALS, THE EXISTING EXPOSED EDGES SHALL BE SAWCUT TO PROVIDE A SMOOTH CLEAN EDGE, FREE OF LOOSE MATERIAL.
7. THE PLACEMENT OF PAVEMENTS SHALL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY THE ENGINEER.

UNDERCUT UNSUITABLE AREAS WHERE DIRECTED AND REPLACE WITH CA 7 (CRUSHED) AGGREGATE

NOT TO SCALE

UTILITY TRENCH
IN PAVED
AREAS
DETAIL

REVISED: 1-1-21

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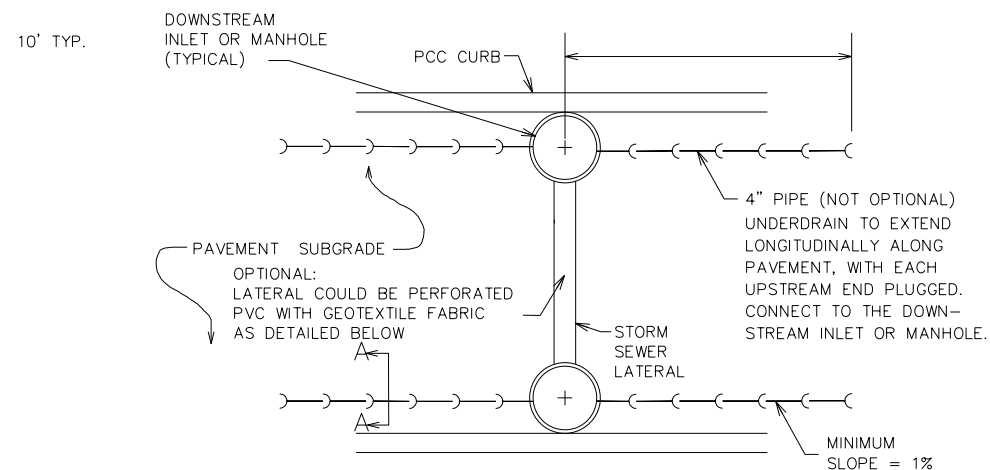
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET
GLENVIEW STANDARD DETAIL

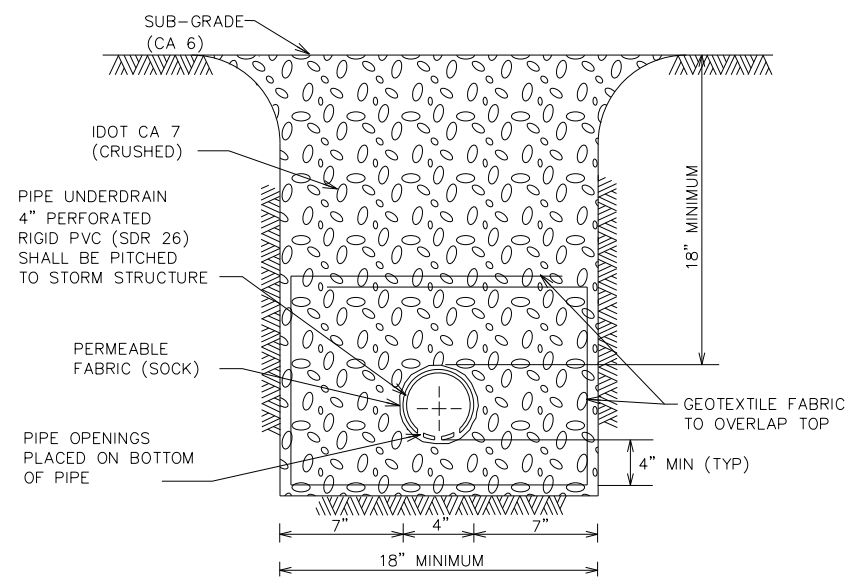
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	127
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

U-27



PIPE UNDERDRAIN PLAN VIEW



SECTION A-A

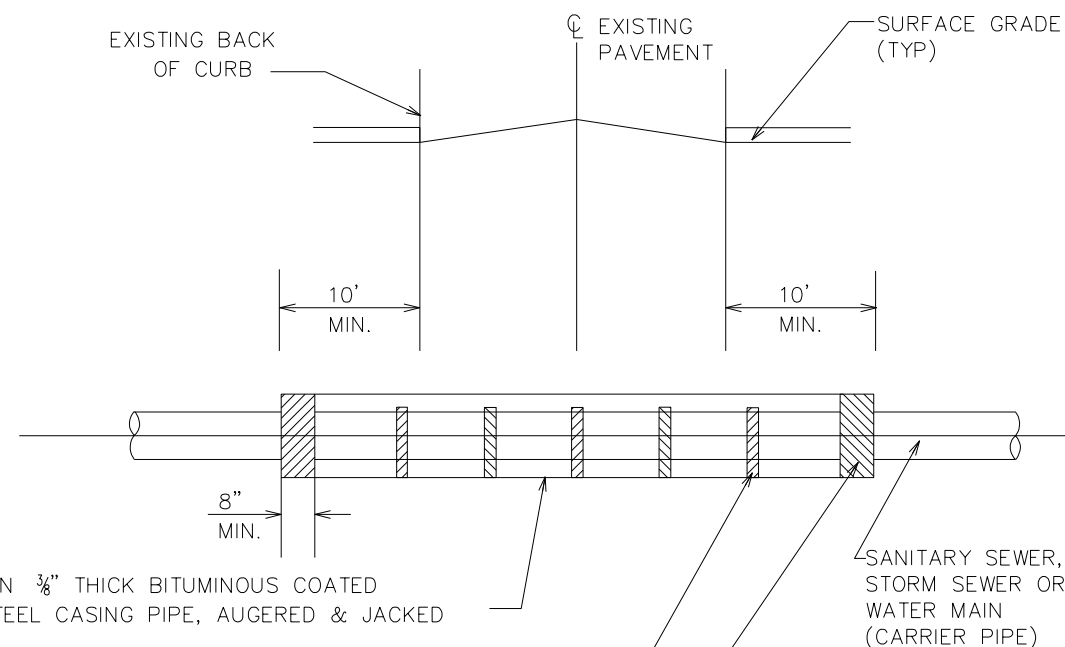
NOTE:

UNDERDRAIN TO BE INSTALLED IF INDICATED ON PLANS AND/OR REQUESTED BY VILLAGE ENGINEERING.

REVISED: 1-1-21

NOT TO SCALE
PIPE UNDERDRAIN
DETAIL

U-28



MIN 3/8" THICK BITUMINOUS COATED STEEL CASING PIPE, AUGERED & JACKED

SANITARY SEWER, STORM SEWER OR WATER MAIN (CARRIER PIPE)

INSTALL ALL STAINLESS STEEL CASING SPACERS (BY CASCADE) FOR EACH PIPE LENGTH ON 6' CENTERS, OF THE SIZE RECOMMENDED BY THE MANUFACTURER

BRICK AND MORTAR BULKHEAD (BOTH ENDS), PRIOR TO BACKFILLING.

NOTES:

- CASING PIPE IS REQUIRED UNDER ALL EXISTING ROADWAYS, OR AS OTHERWISE DIRECTED BY VILLAGE ENGINEERING WHERE OPEN CUTS ARE NOT PERMITTED, EXCEPT FOR WATER SERVICE LINES UP TO 2" IN DIAMETER.
- WATER MAIN CASING SPACERS SHALL BE RESTRAINED IN POSITION.
- THE INSIDE DIAMETER OF THE CASING PIPE SHALL BE DETERMINED BY CONTRACTOR BUT IN NO CASE SHALL IT BE LESS THAN 8" LARGER THAN THE DIAMETER OF THE CARRIER PIPE TO ALLOW AMPLE SPACE FOR BELLS, AND CARRIER PIPE SLOPE (FOR GRAVITY PIPE).
- ALL AUGER PITS TO BE BACKFILLED WITH IDOT CA 7 (CRUSHED) AGGREGATE MATERIAL.

NOT TO SCALE

CASING PIPE
DETAIL

REVISED: 1-1-21

MODEL: Default
FILE NAME: 132547.dwg, dec12.dwg



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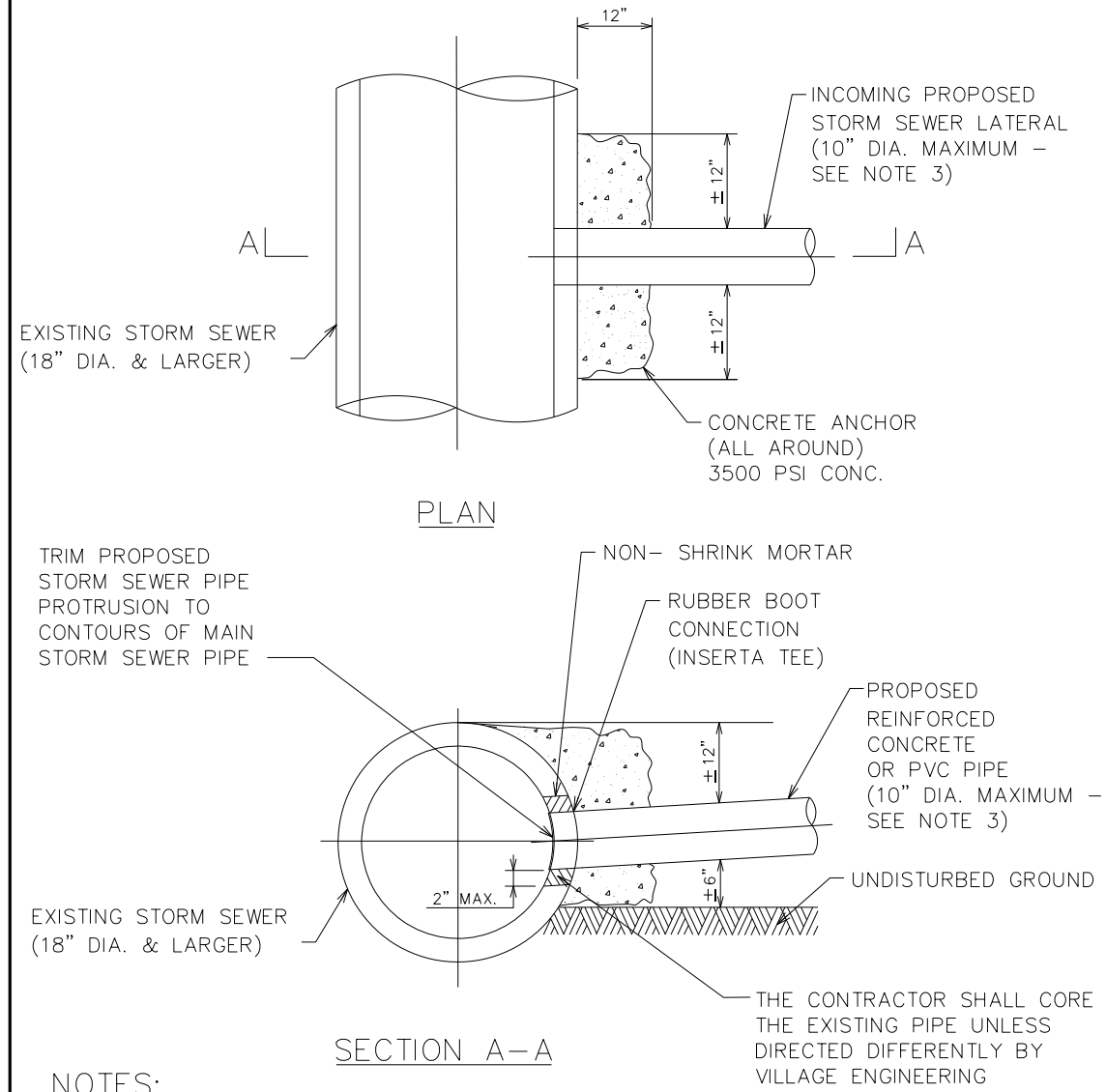
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETIAL SHEET
GLENVIEW STANDARD DETAILS

SCALE: NTS SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	128
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

U-29



NOTES:

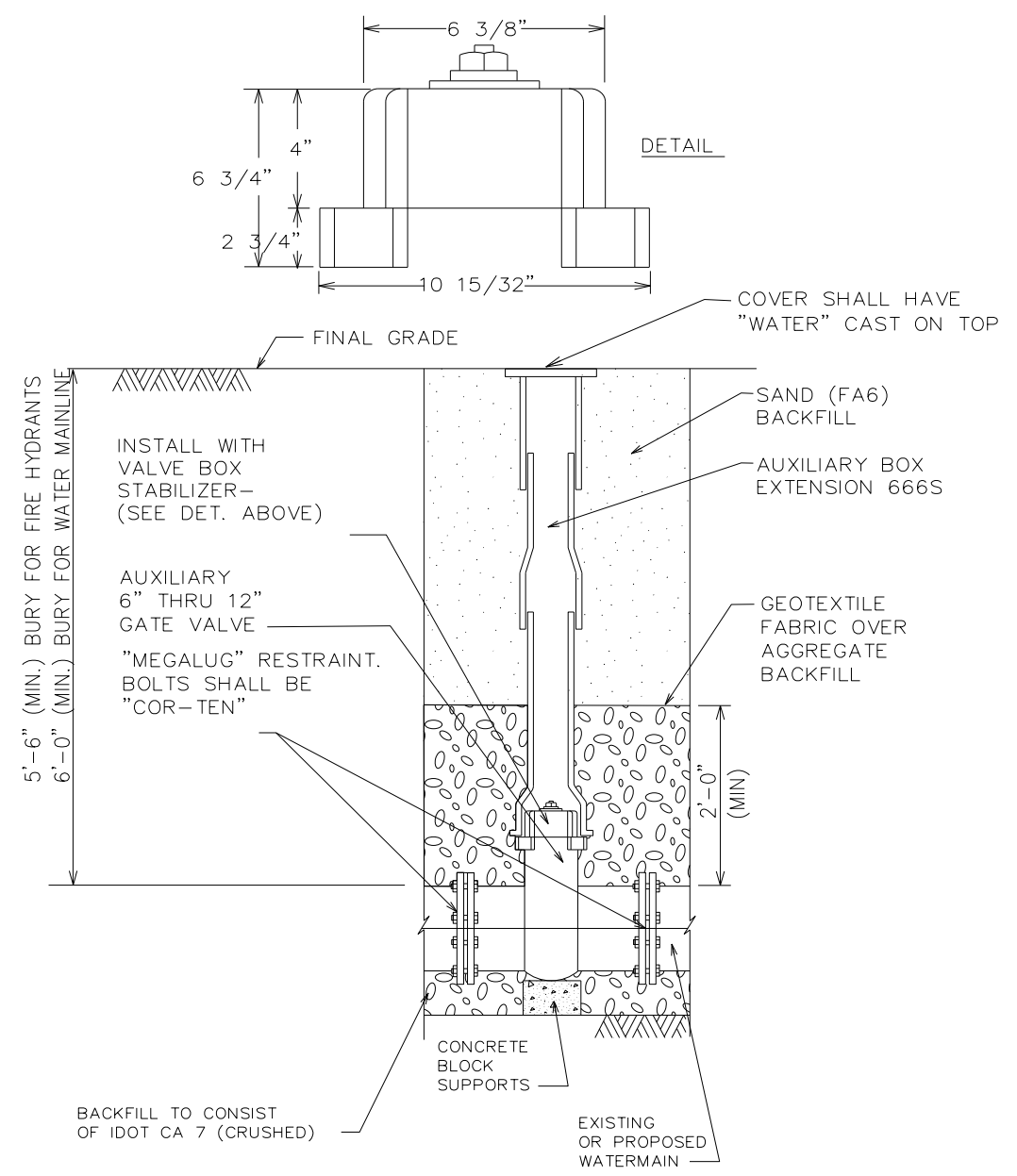
1. FOR EXISTING STORM SEWER PIPES SMALLER THAN 18" DIA. A NEW FITTING (WYE, TEE) INSERT SHALL BE PROVIDED. (SEE DETAIL U30)
2. FOR CONNECTION OF PVC SEWER LATERALS TO EXISTING PVC STORM SEWER A NEW FITTING (WYE, TEE) INSERT SHALL BE PROVIDED.
3. FOR STORM SEWER LATERALS OVER 10" DIA., CONSTRUCTION OF NEW STORM SEWER MANHOLE AT CONNECTION POINT SHALL BE REQUIRED, UNLESS SHOWN ON THE PLANS OTHERWISE.

NOT TO SCALE

STORM SEWER CONNECTION TO EXISTING PIPE DETAIL

REVISED: 1-1-21

U-35



NOTES:

1. ONLY AUXILIARY BOX EXTENSIONS ARE PERMITTED, NO ADAPTERS OR RISERS.
2. ALL PARTS OF AUXILIARY BOX INCLUDING THE COVER, SHALL BE CAST IRON.

NOT TO SCALE

AUXILIARY BOX & VALVE DETAIL

REVISED: 1-1-21

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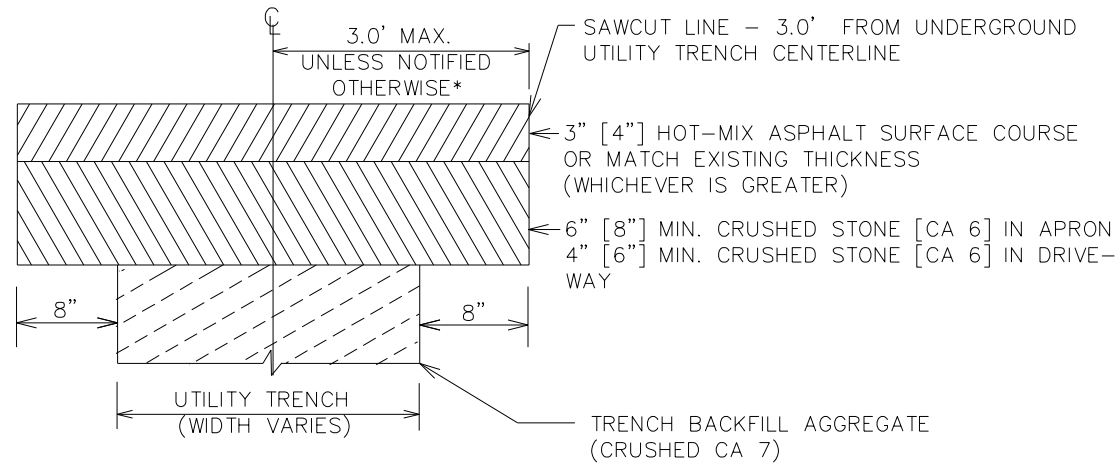
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

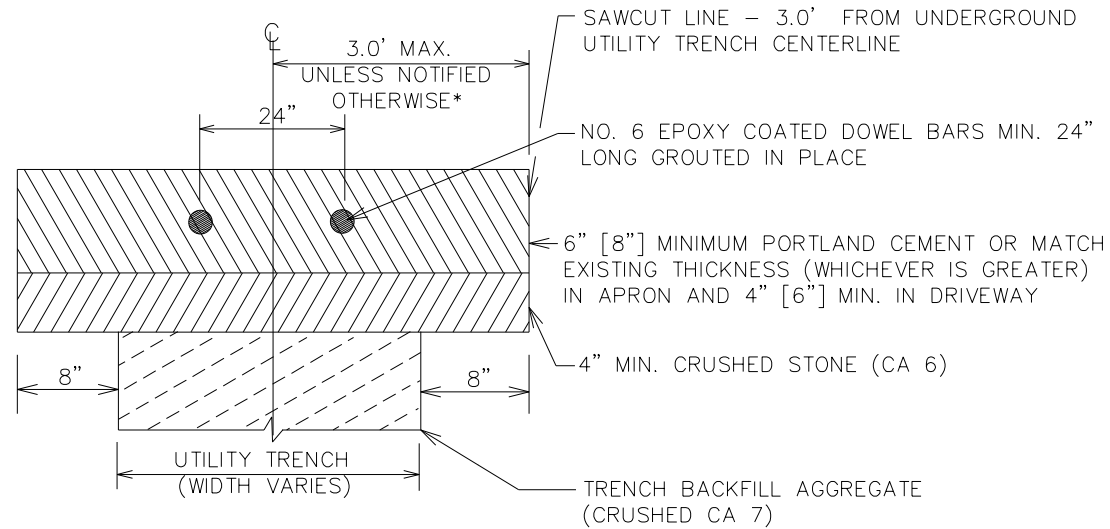
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GLENVIEW STANDARD DETAILS	
SCALE: NTS	SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	129
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

A. ASPHALT DRIVEWAY – RESIDENTIAL [COMMERCIAL]



B. CONCRETE DRIVEWAY – RESIDENTIAL [COMMERCIAL]

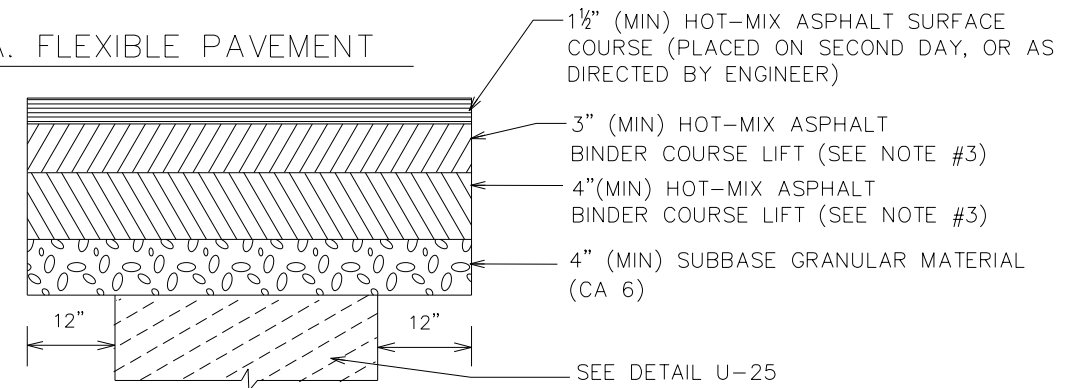


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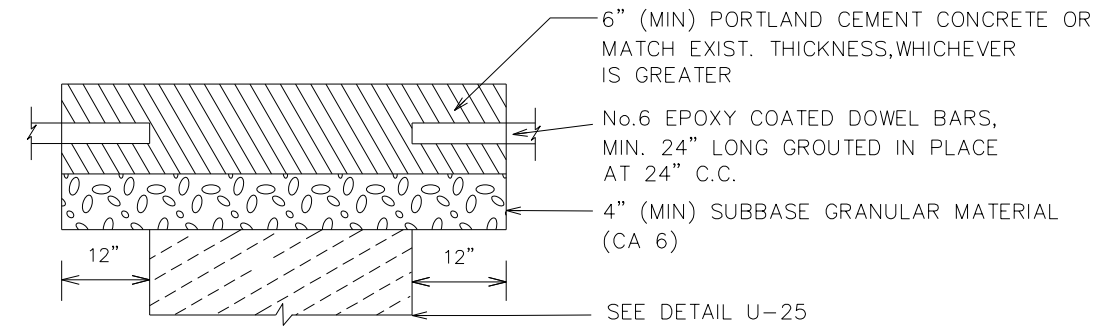
DRIVEWAY REPLACEMENT DETAIL

REVISED: 1-1-21

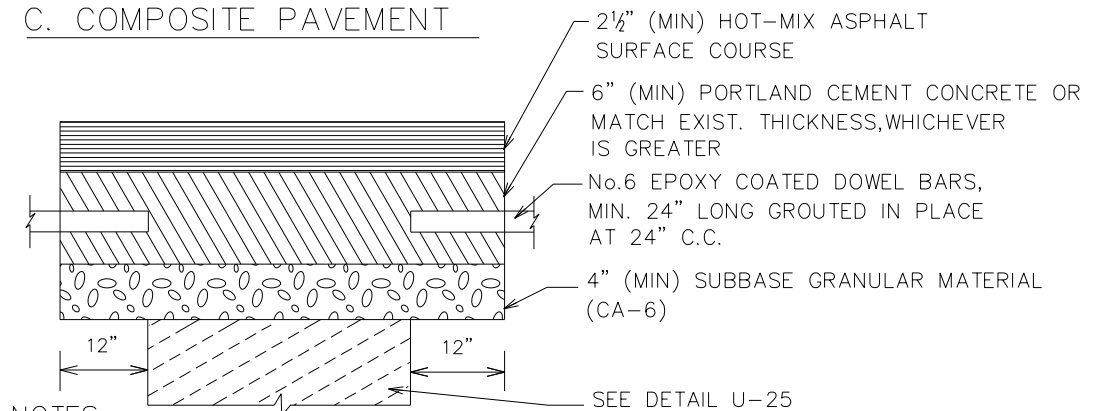
A. FLEXIBLE PAVEMENT



B. RIGID PAVEMENT



C. COMPOSITE PAVEMENT



NOTES:

1. ALL PAVEMENT PATCHES SHALL BE SAWCUT FULL-DEPTH A MINIMUM OF ONE FOOT BEYOND THE LIMITS OF PAVEMENT REMOVAL IN ALL DIRECTIONS.
2. NOTE HAS BEEN REMOVED.
3. 7" (MIN) BINDER TOTAL OR MATCH EXISTING THICKNESS, WHICHEVER IS GREATER.

NOT TO SCALE

PAVEMENT PATCH DETAIL

REVISED: 1-1-21

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	DATE 2/14/2021	REVISED

DETAIL SHEET			
GLENVIEW STANDARD DETAIL			
SCALE: NTS	SHEET 13 OF 13 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00190-00-PV	COOK	151	130
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

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

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

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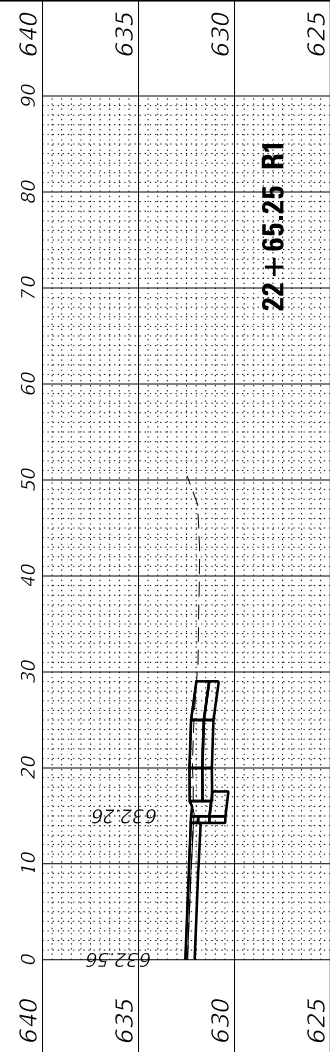
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	DATE 2/14/2021	REVIS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

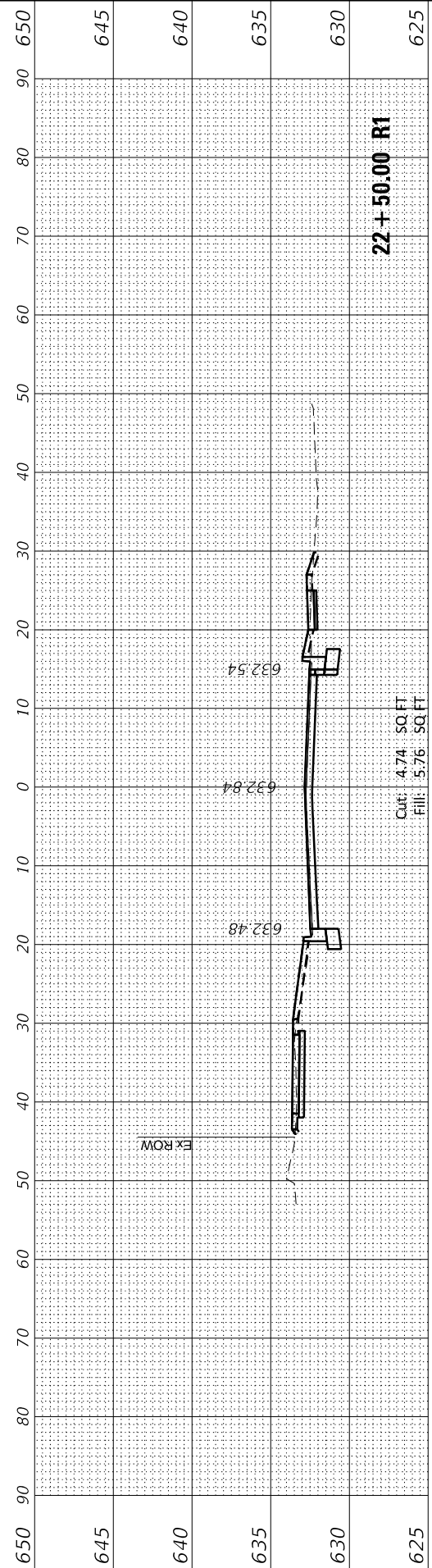
**CROSS SECTIONS
CHESTNUT AVENUE**

SCALE: 1"=10' SHEET 1 OF 20 SHEETS STA. 21+00.00 R1 TO STA. 22+65.25 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 131
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				

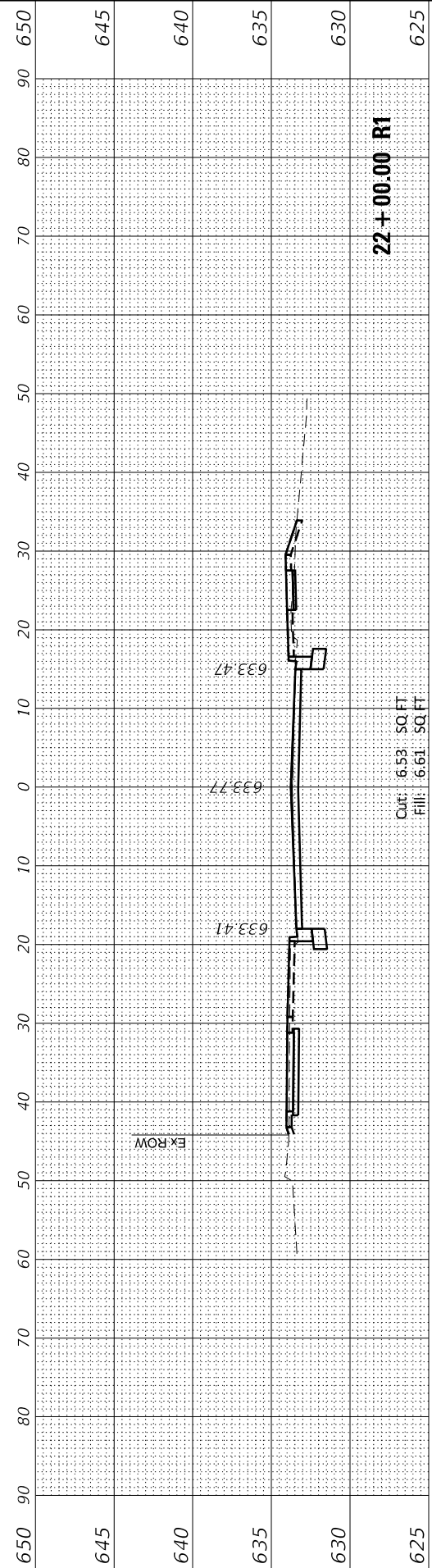


22 + 65.25 R1



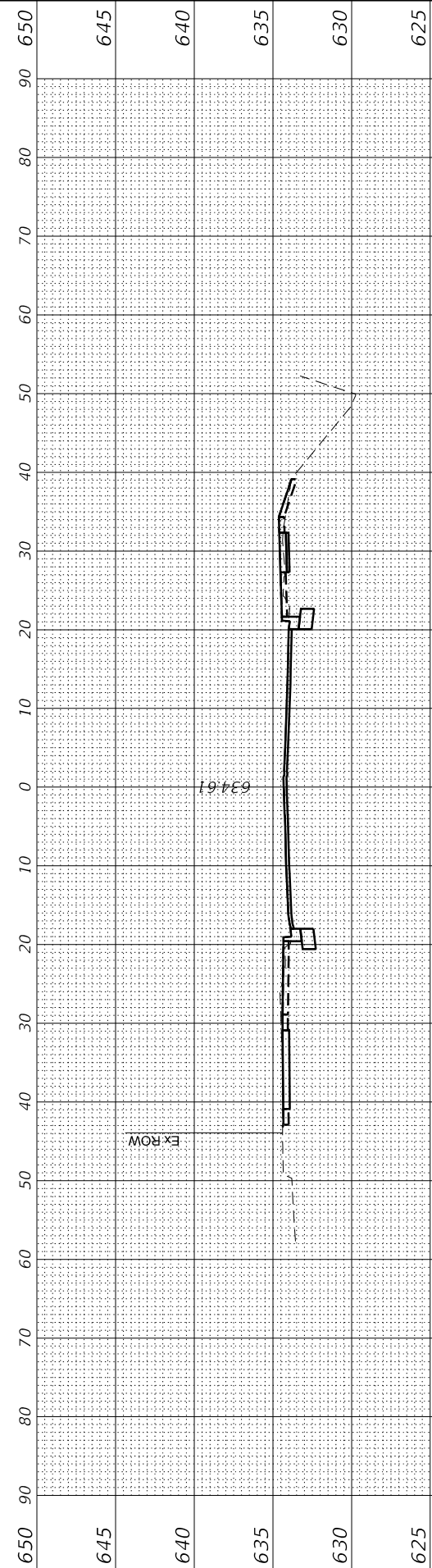
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Fill: 5.76 SQ.FT



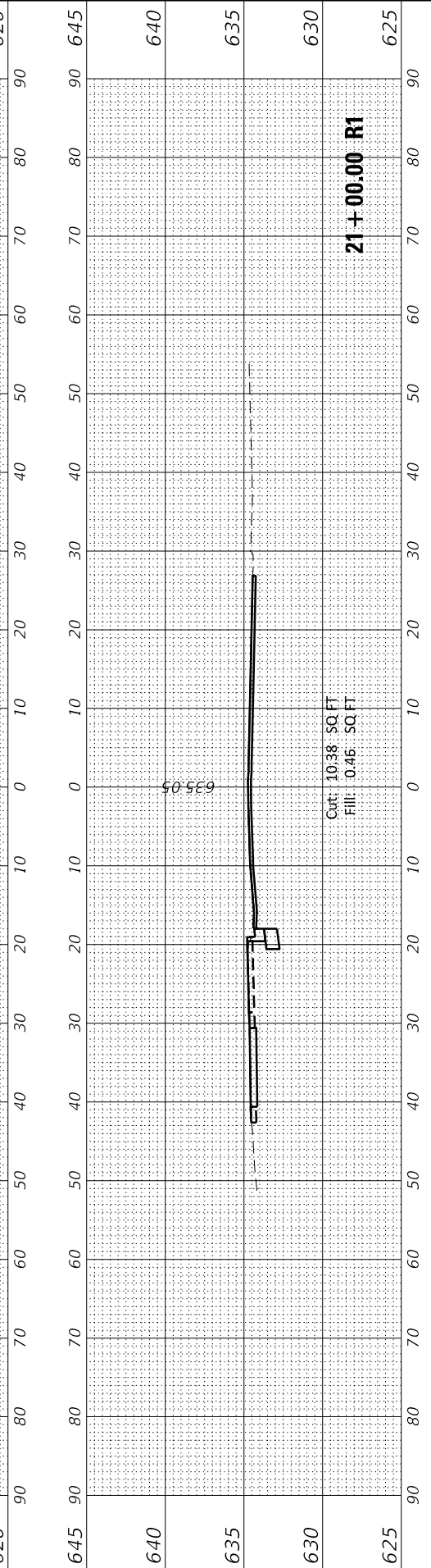
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21 + 50.00 R1

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21 + 00.00 R1

Cut: 10.38 SQ.FT
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FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

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

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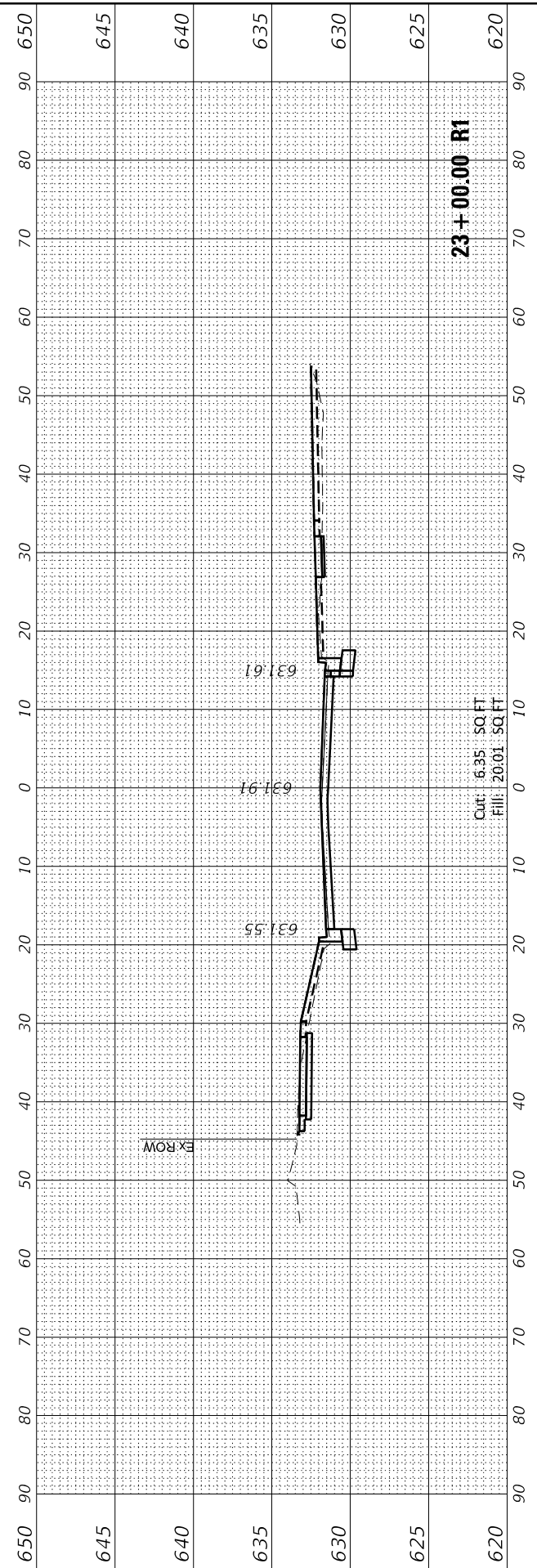
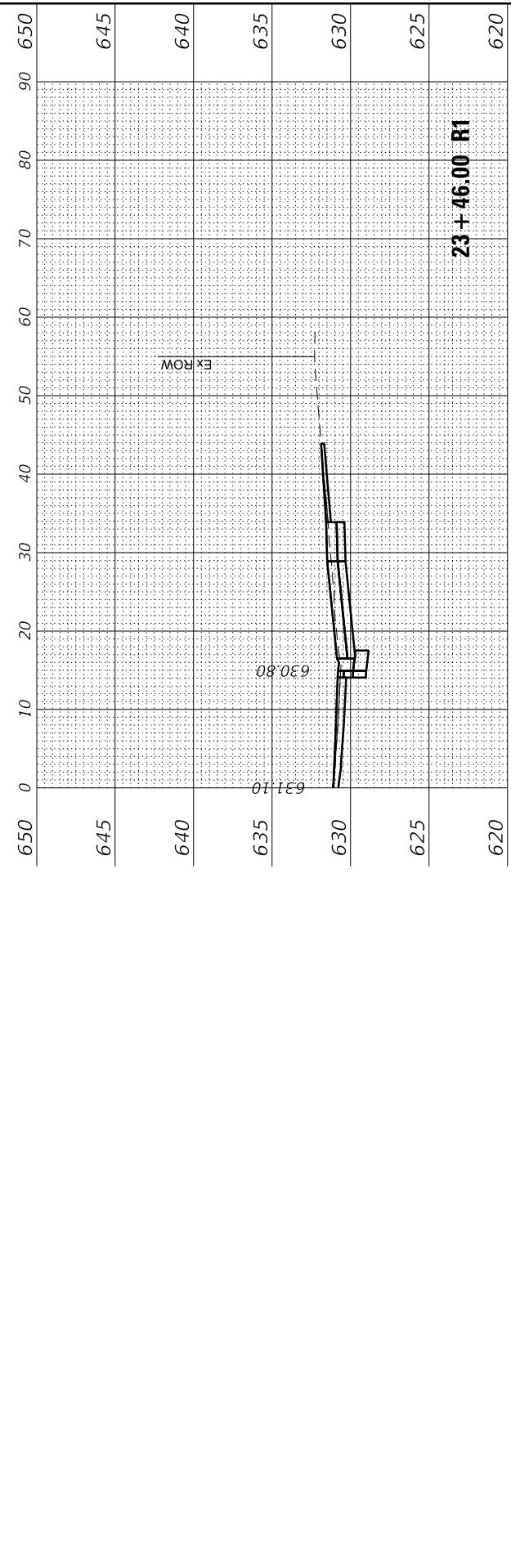
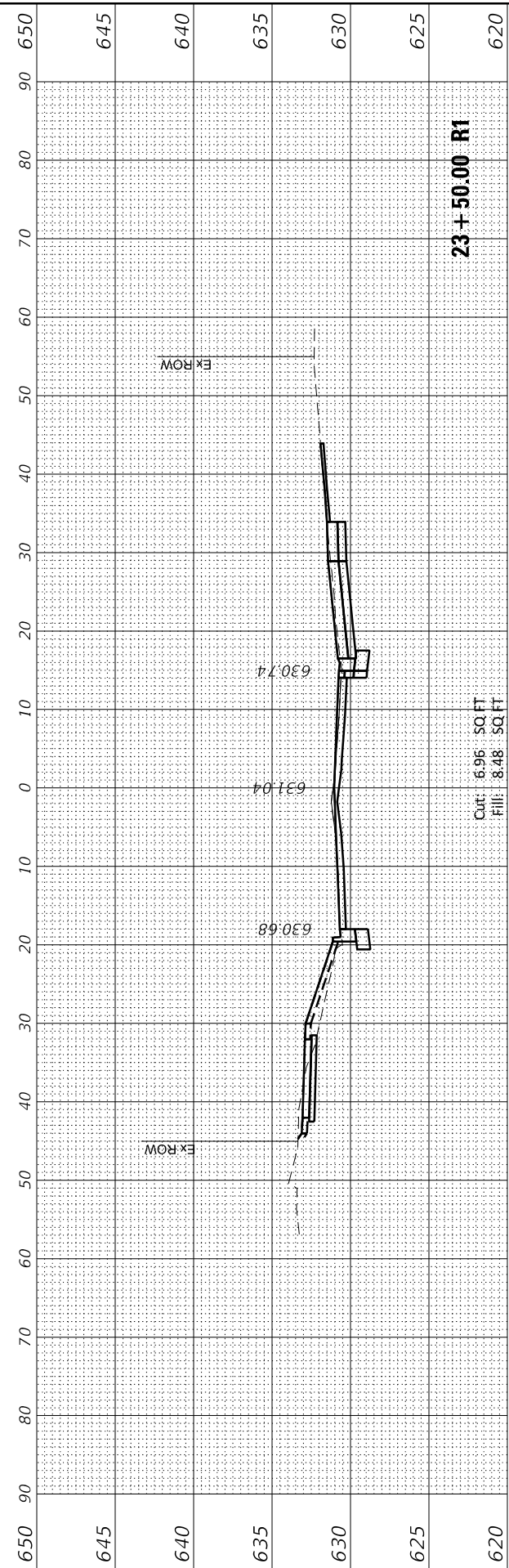
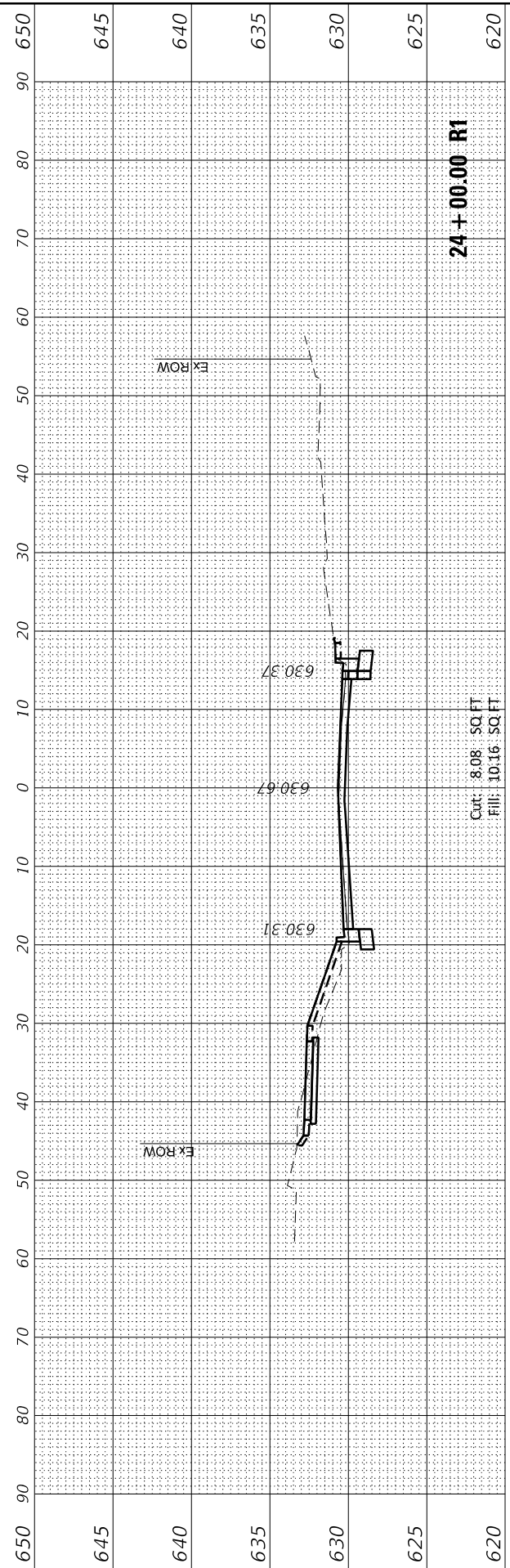
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PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10' SHEET 2 OF 20 SHEETS STA. 23+00.00 R1 TO STA. 24+00.00 R1

**CROSS SECTIONS
CHESTNUT AVENUE**

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 132
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

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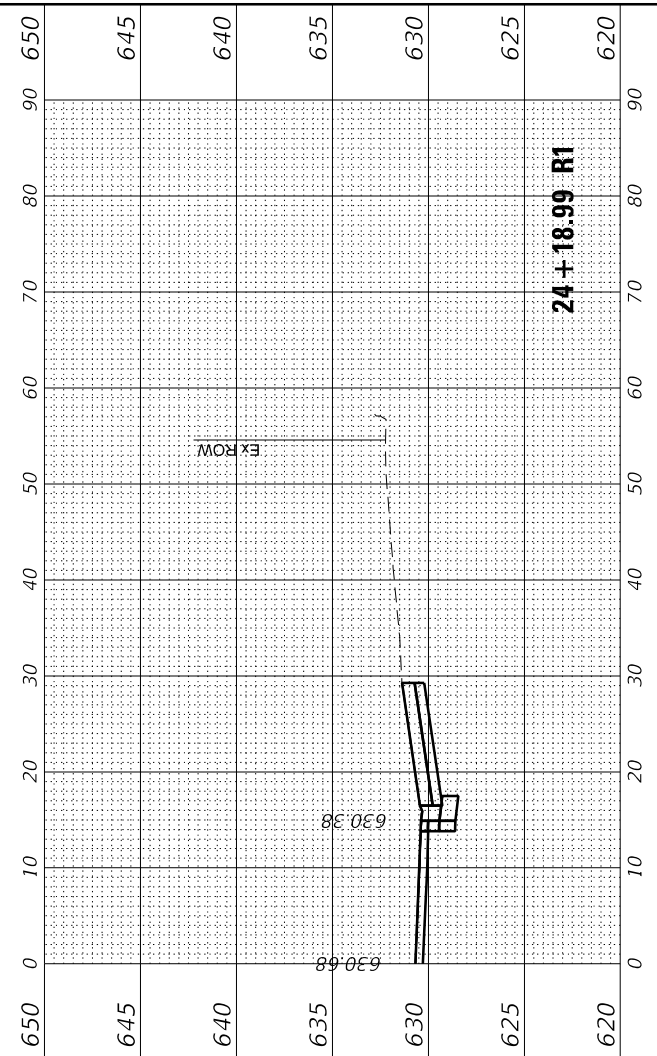
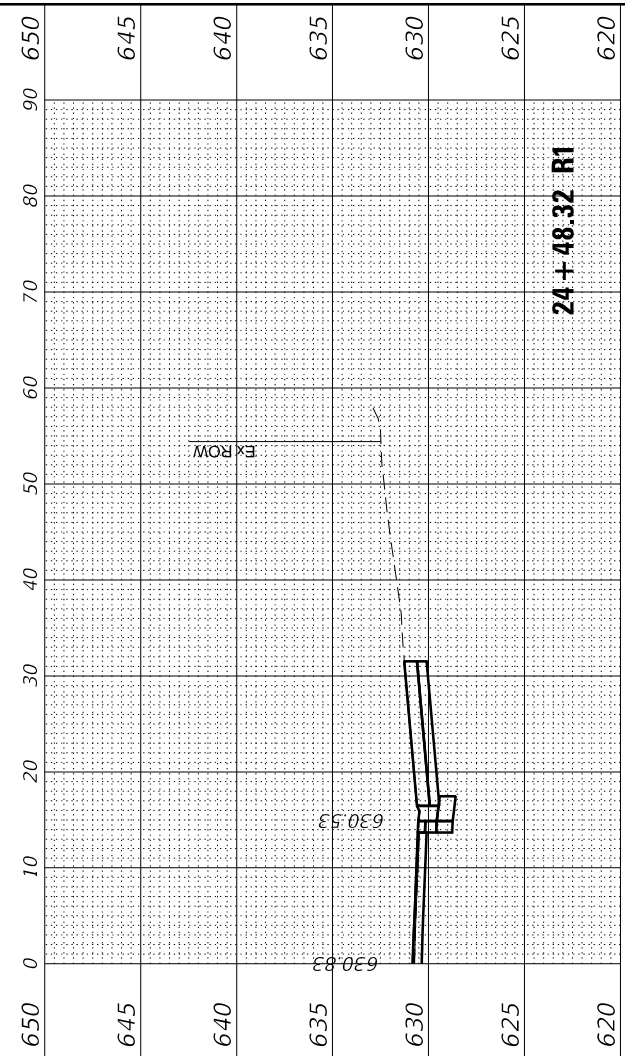
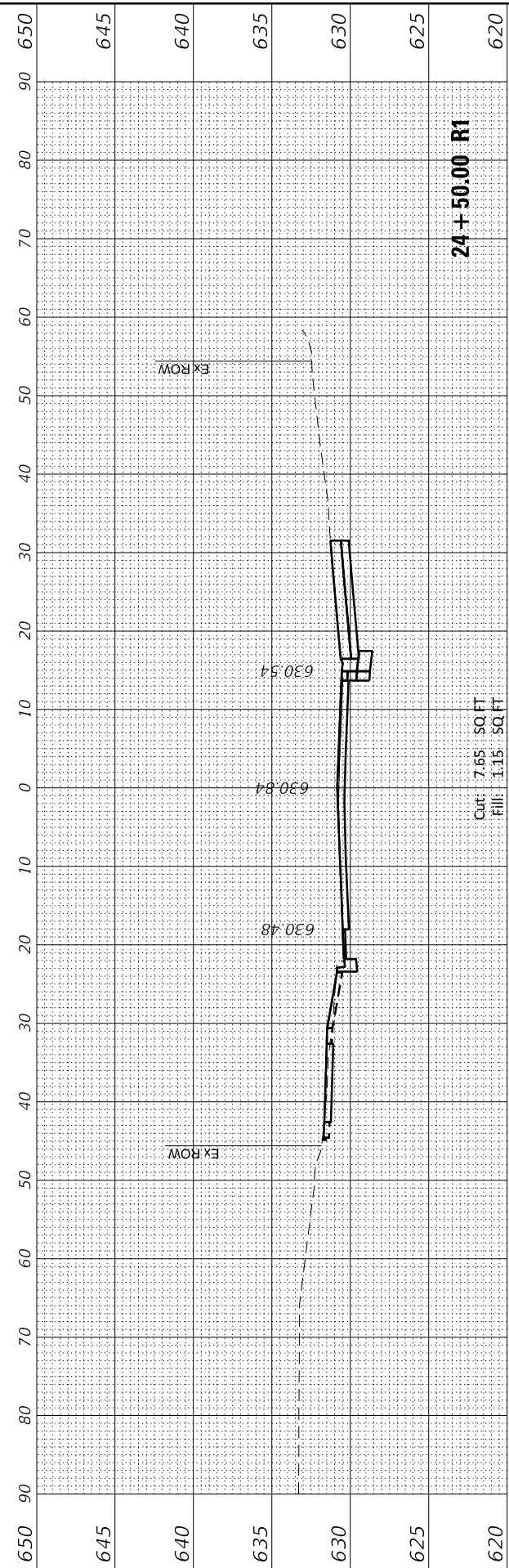
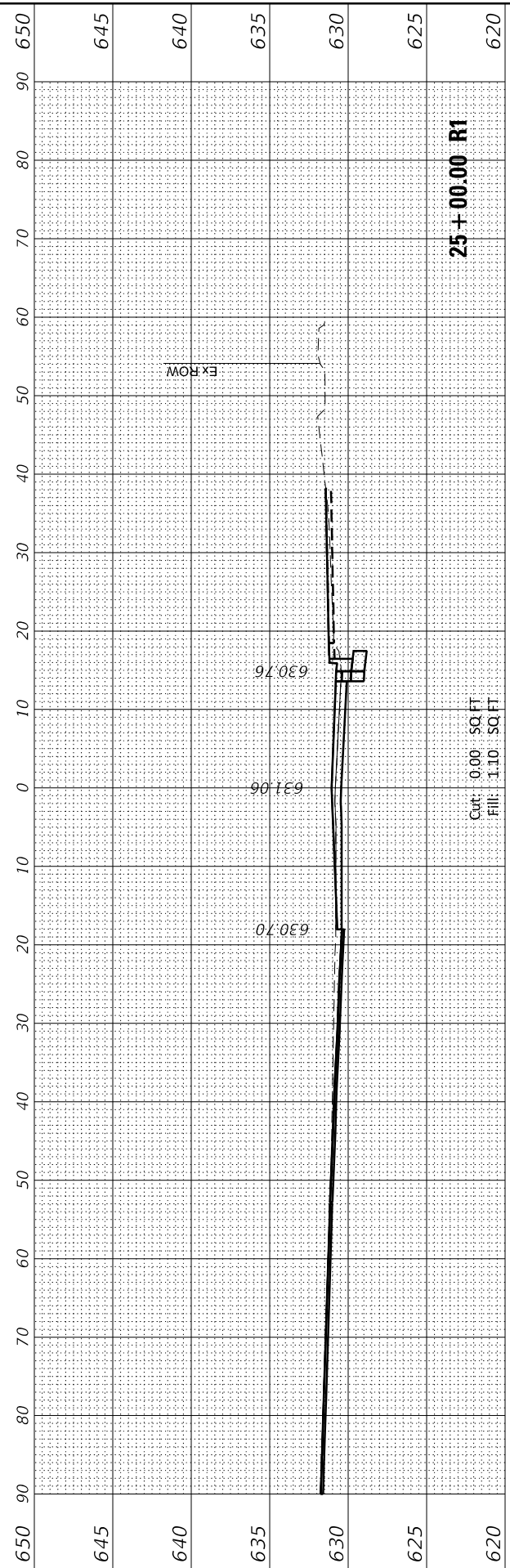
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PLOT SCALE = 20.0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
CHESTNUT AVENUE**

SCALE: 1"=10' SHEET 3 OF 20 SHEETS STA. 24+18.99 R1 TO STA. 25+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00-190-00-PV	COOK	151	133
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



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

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

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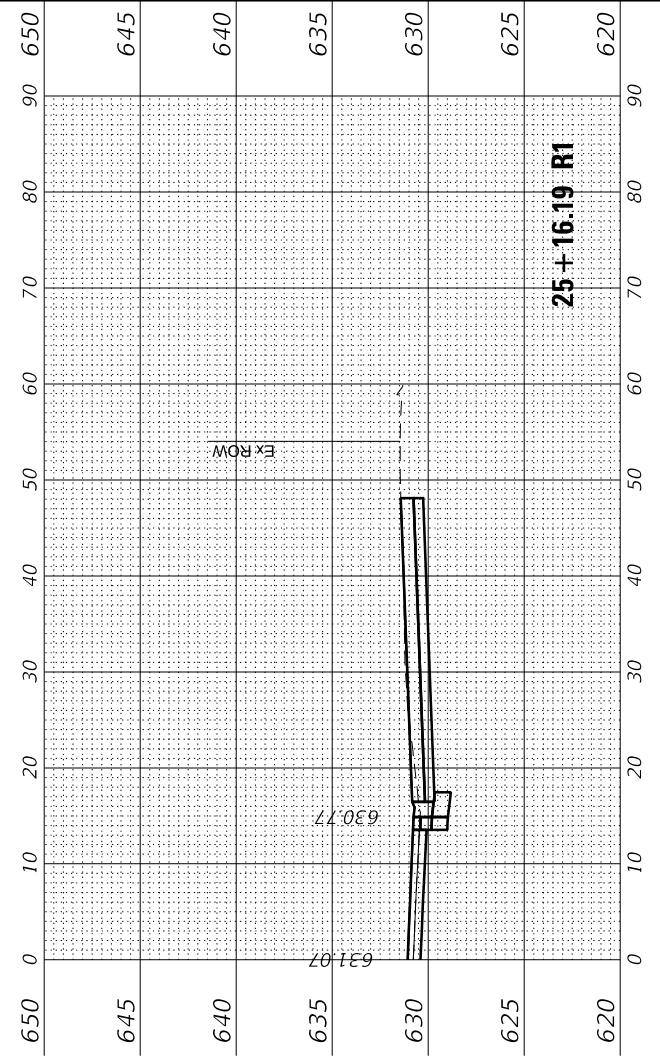
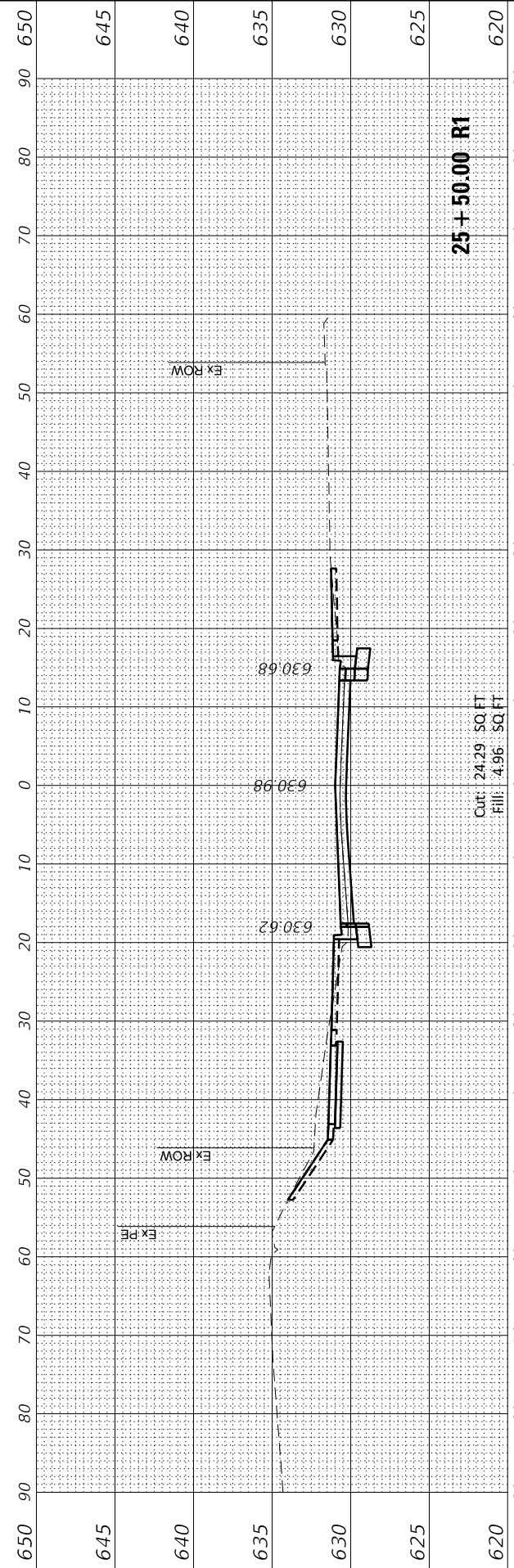
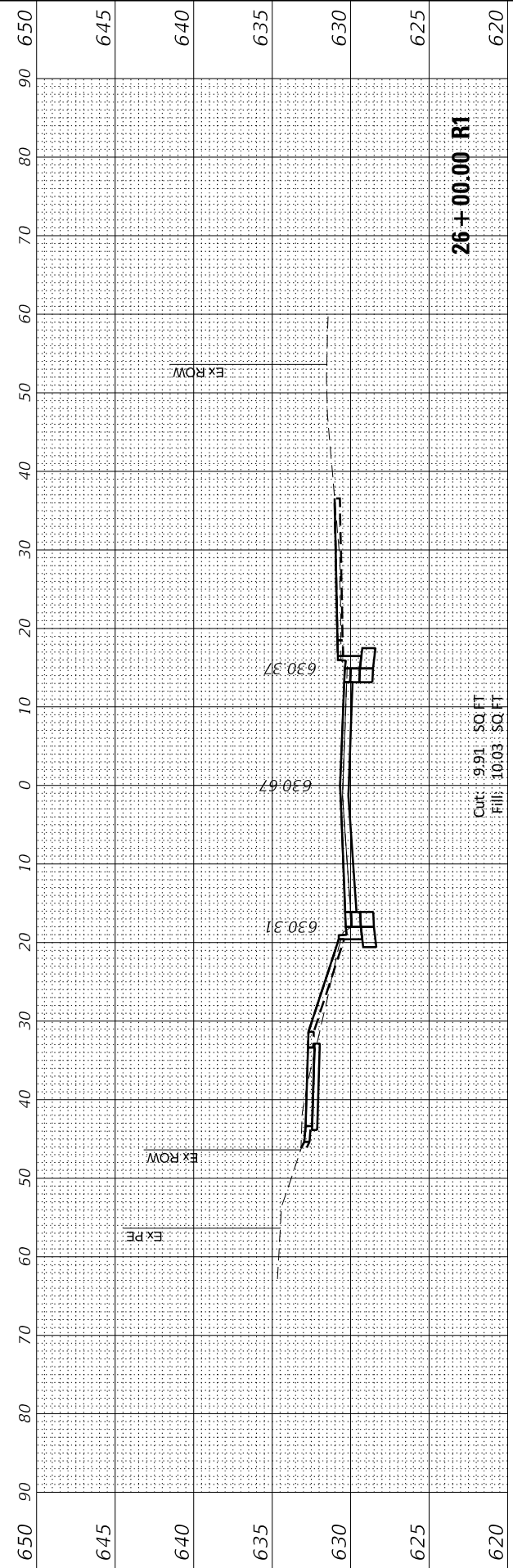
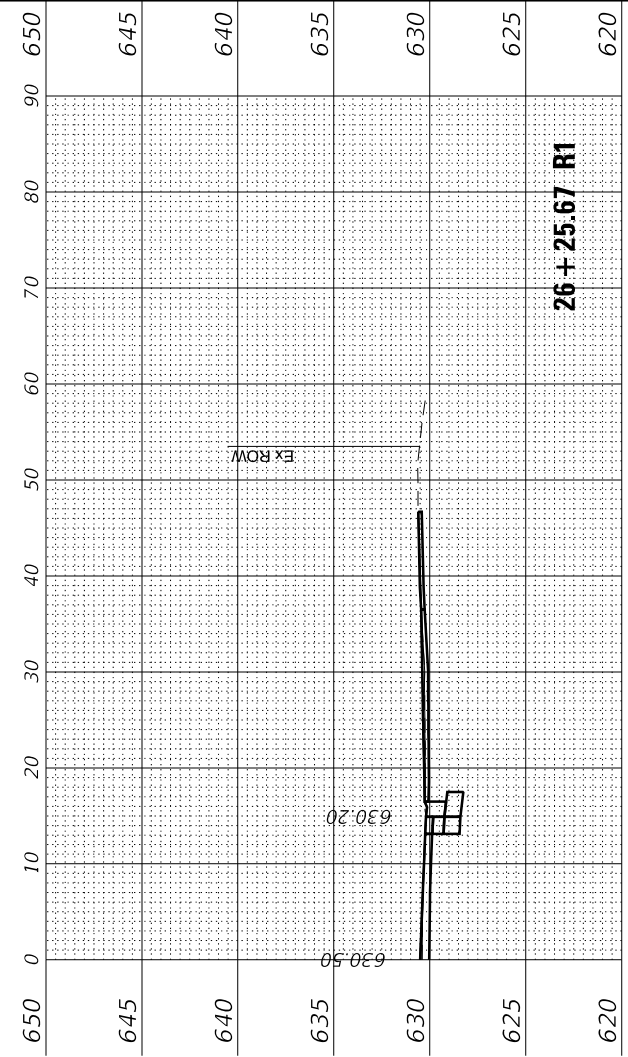
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PLOT SCALE = 20.0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
CHESTNUT AVENUE**

SCALE: 1"=10' SHEET 4 OF 20 SHEETS STA. 25+16.19 R1 TO STA. 26+25.67 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 134
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

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DRAWN	HS
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PLOT DATE	= 2/25/2022

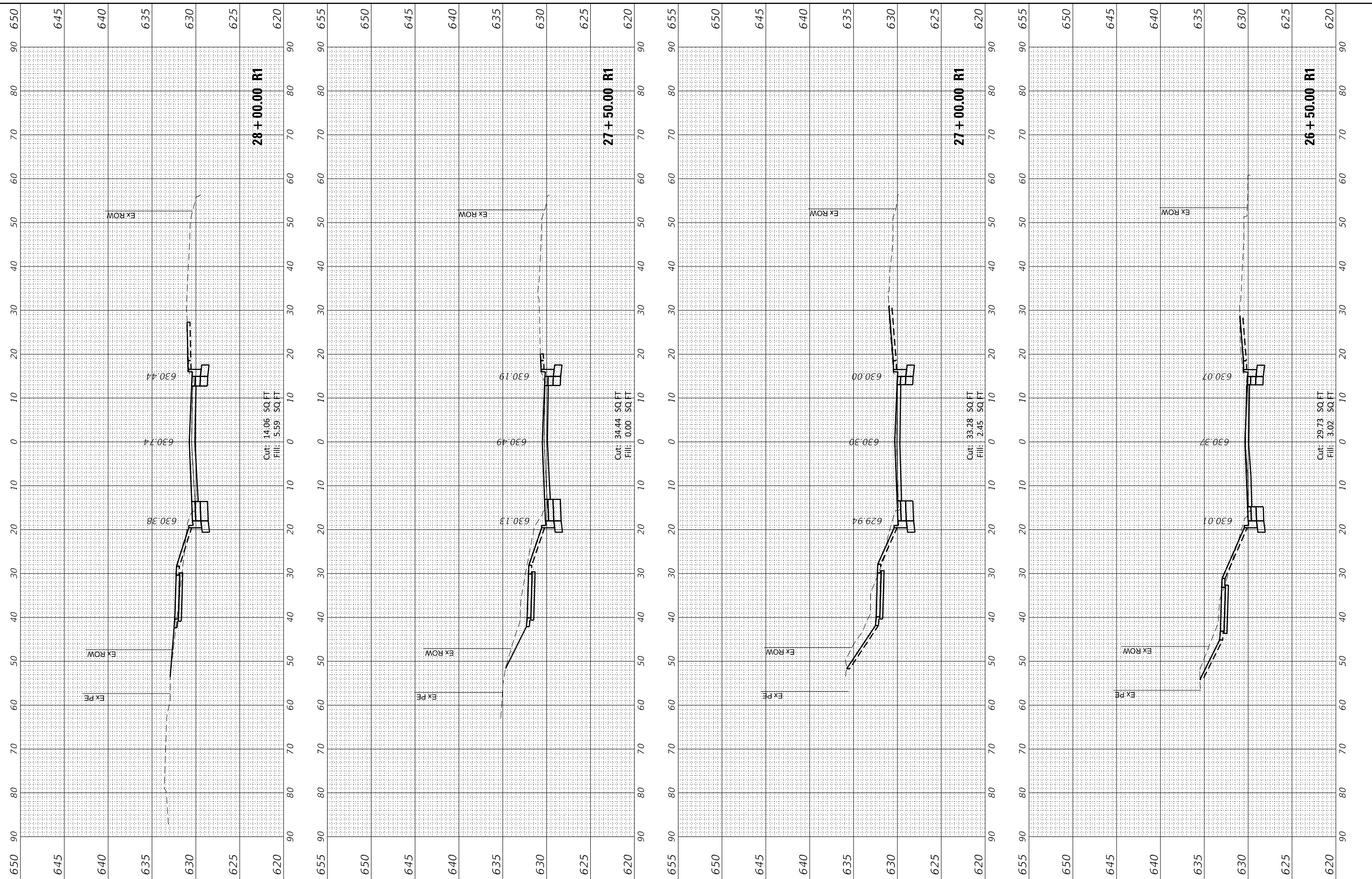
REVISOR	
REVISION	
CHECKED	JA
DATE	2/14/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CHESTNUT AVENUE

SCALE: 1"=10' SHEET 5 OF 20 SHEETS STA. 26+50.00 R1 TO STA. 28+00.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00-190-00-PV	COOK	151	135
CONTRACT NO. 61H71				
ILLINOIS		FED. AID PROJECT		



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

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

MODEL: Definit
FILE NAME: 132547_sht_cs_Chestnut



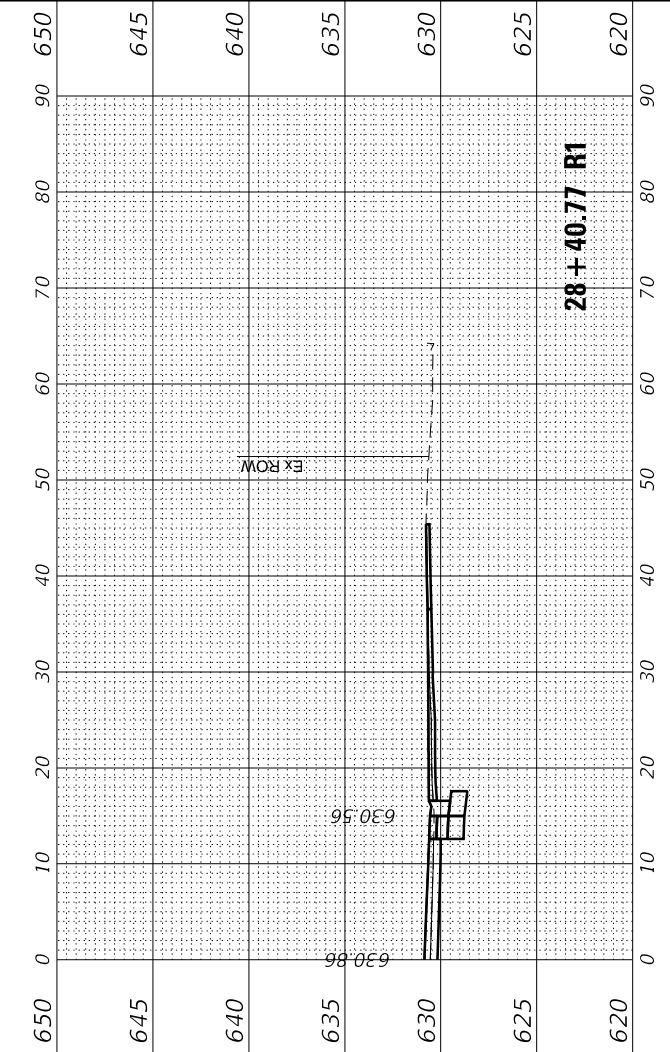
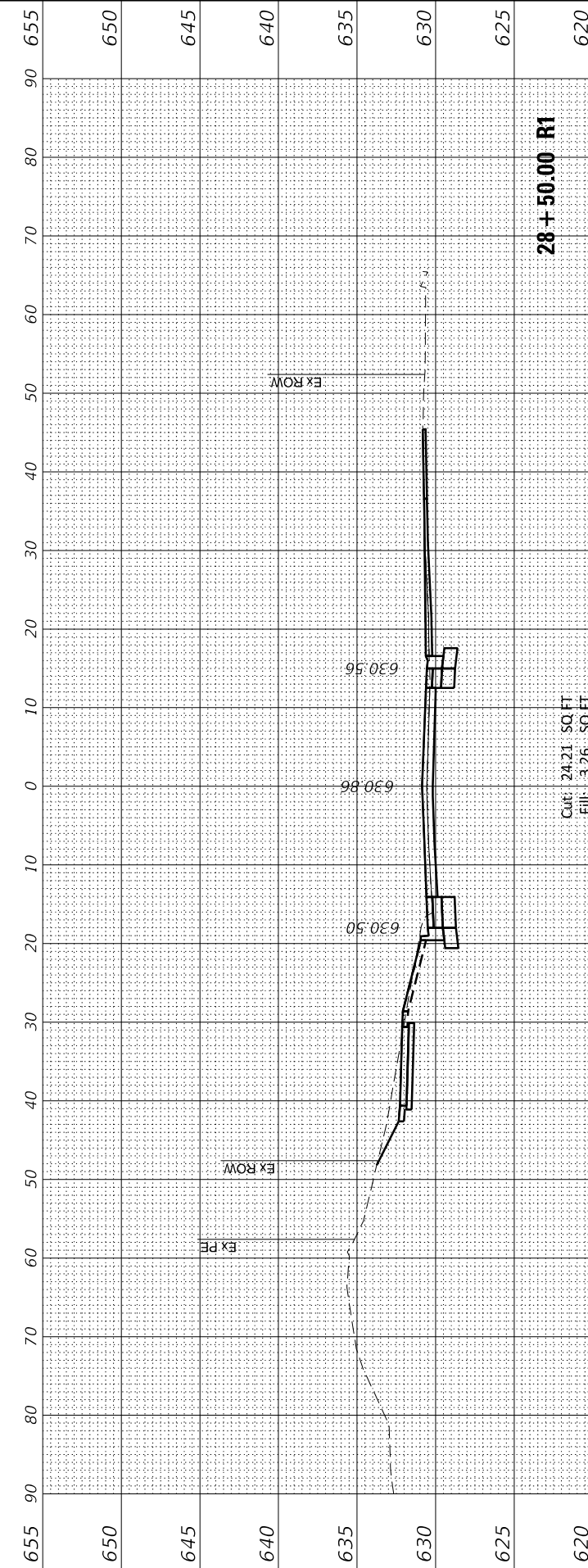
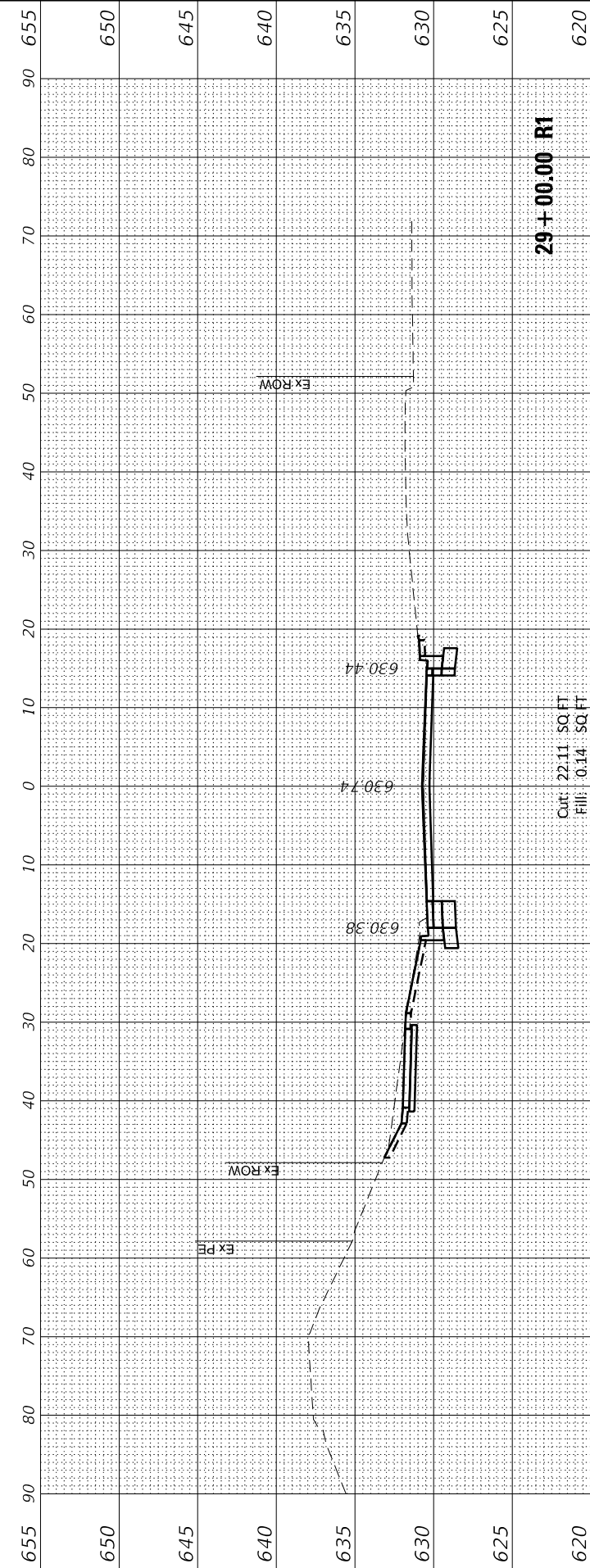
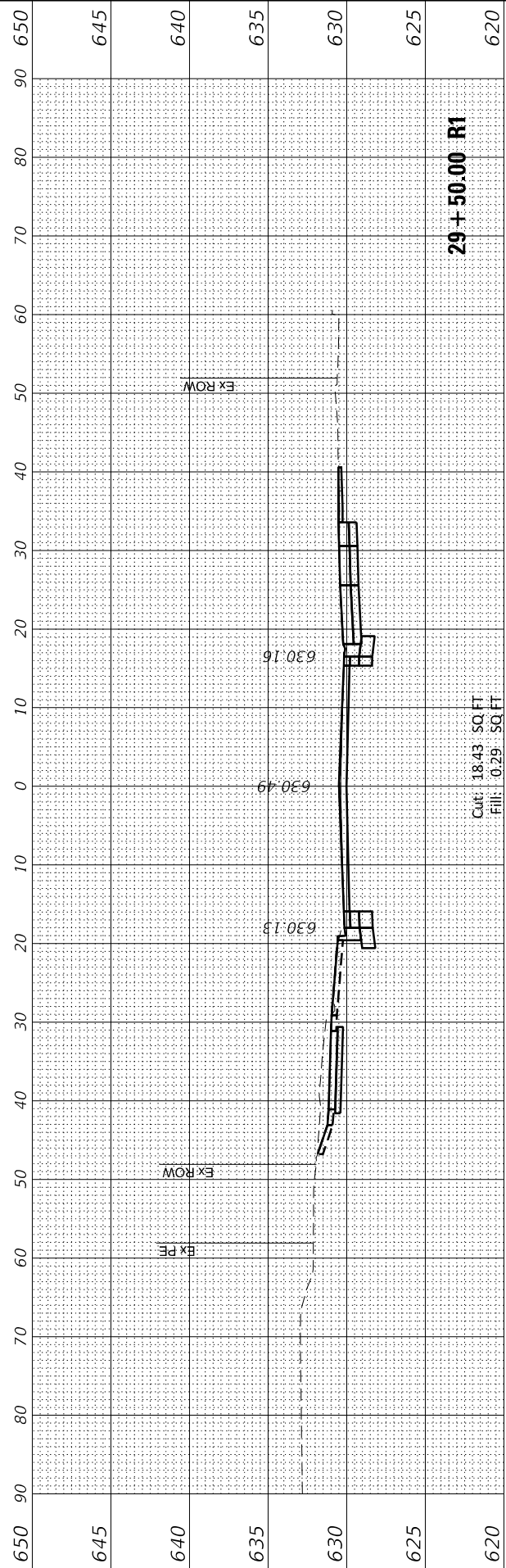
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	DRAWN HS	REVIS
PLOT SCALE = 20.0000 ' / in.	CHECKED JA	REVIS
PLOT DATE = 2/25/2022	DATE 2/14/2021	REVIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10' SHEET 6 OF 20 SHEETS STA. 28+40.77 R1 TO STA. 29+50.00 R1

CROSS SECTIONS
CHESTNUT AVENUE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00-190-00-PV	COOK	151	136
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



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

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

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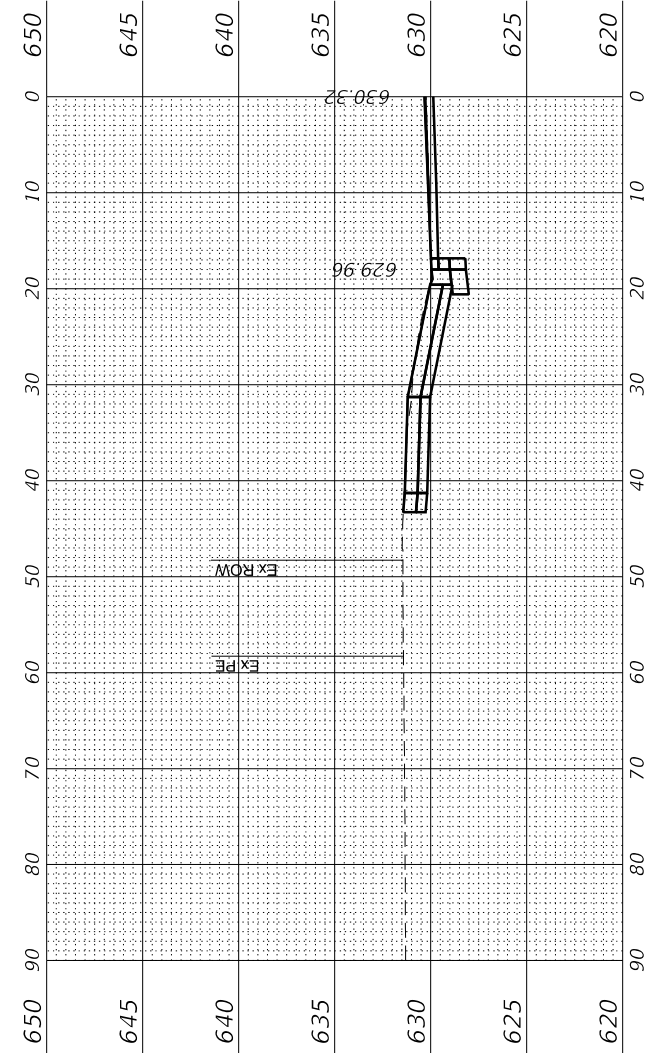
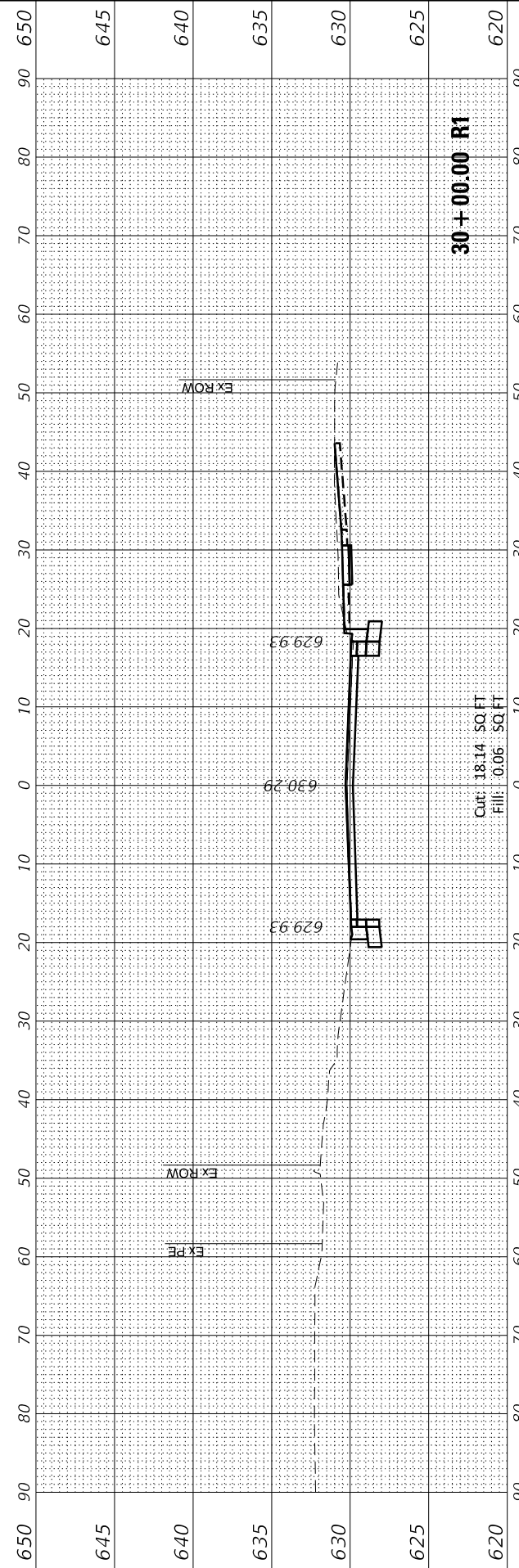
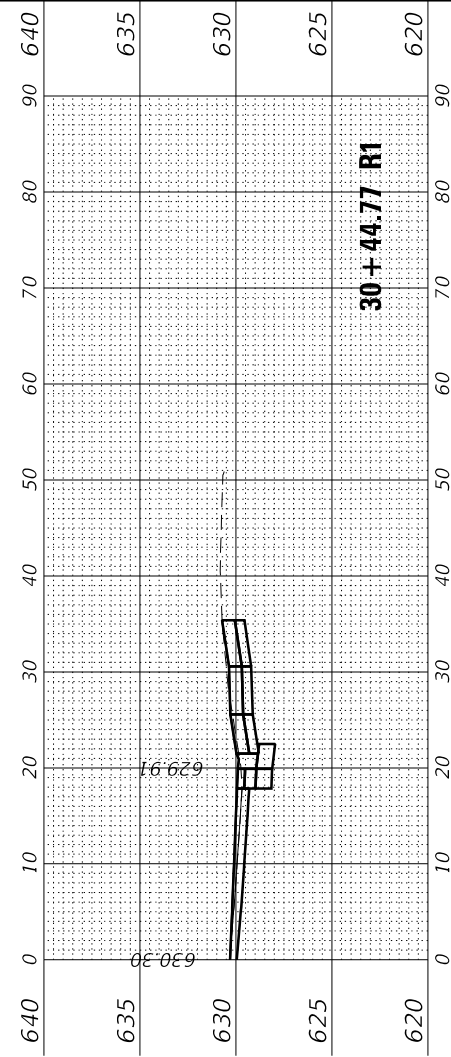
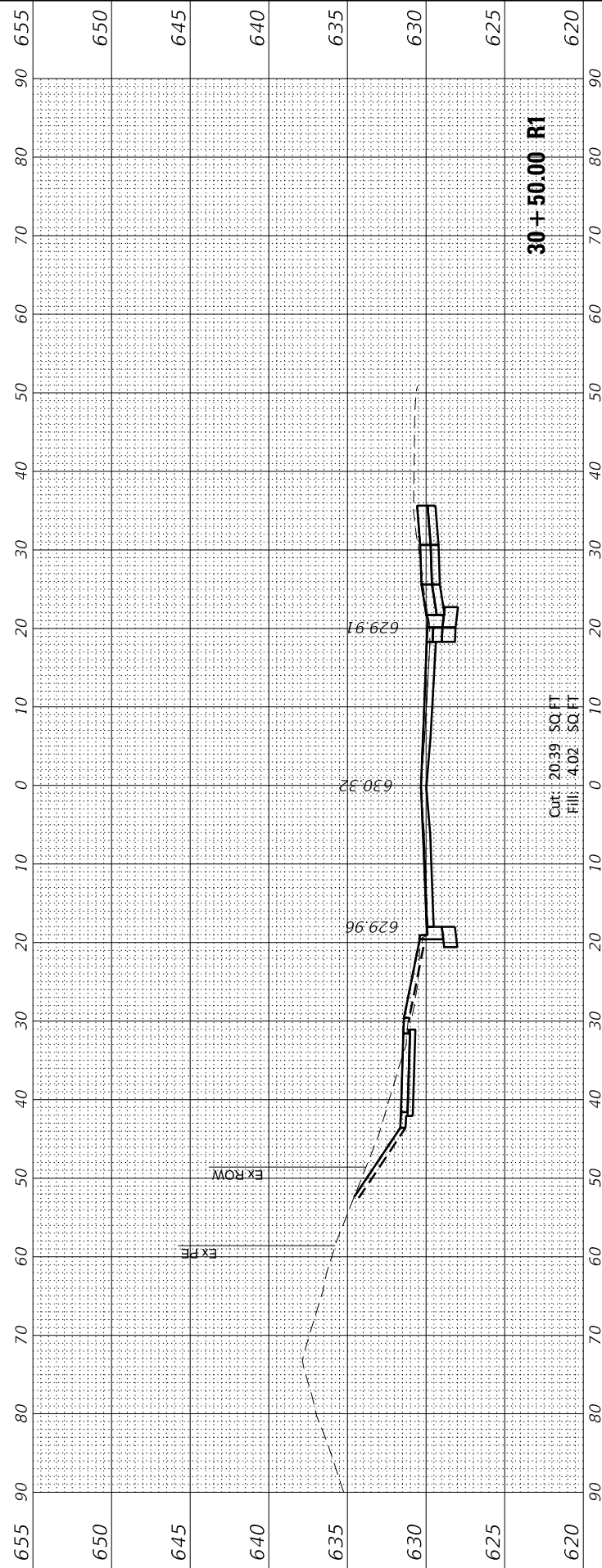
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PLOT DATE = 2/25/2022	CHECKED JA	REVISOR
	DATE 2/14/2021	REVISOR

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
CHESTNUT AVENUE**

SCALE: 1"=10' SHEET 7 OF 20 SHEETS STA. 29+88.75 R1 TO STA. 30+50.00 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 137
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



29+88.75 R1

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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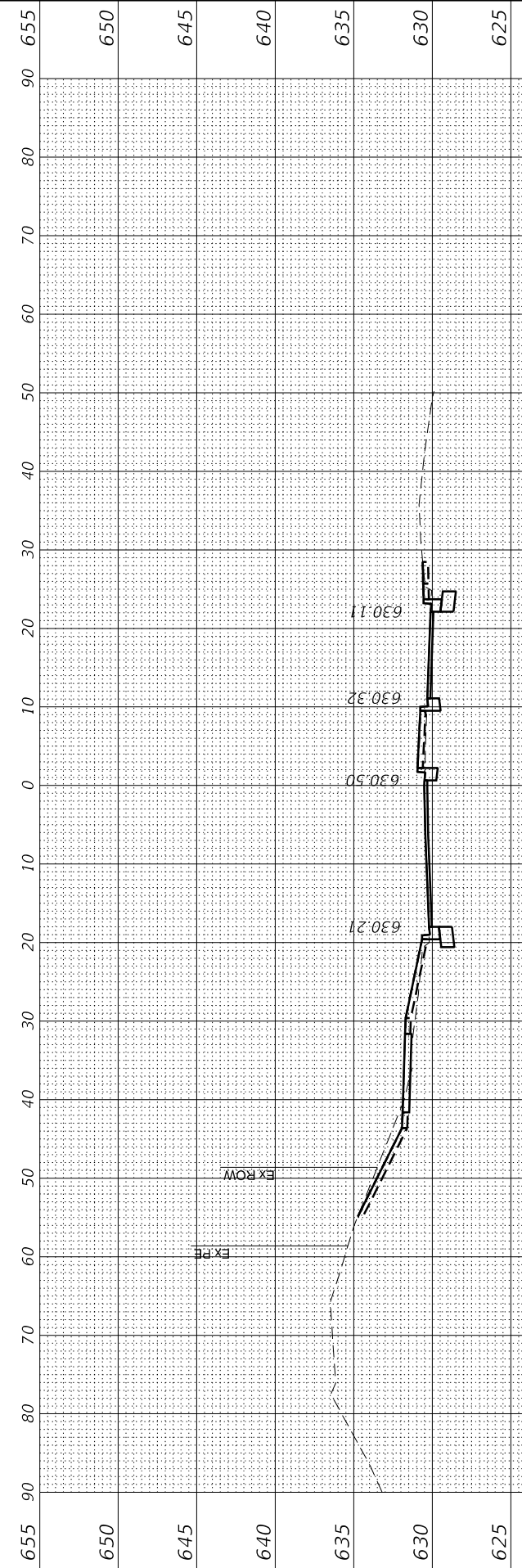
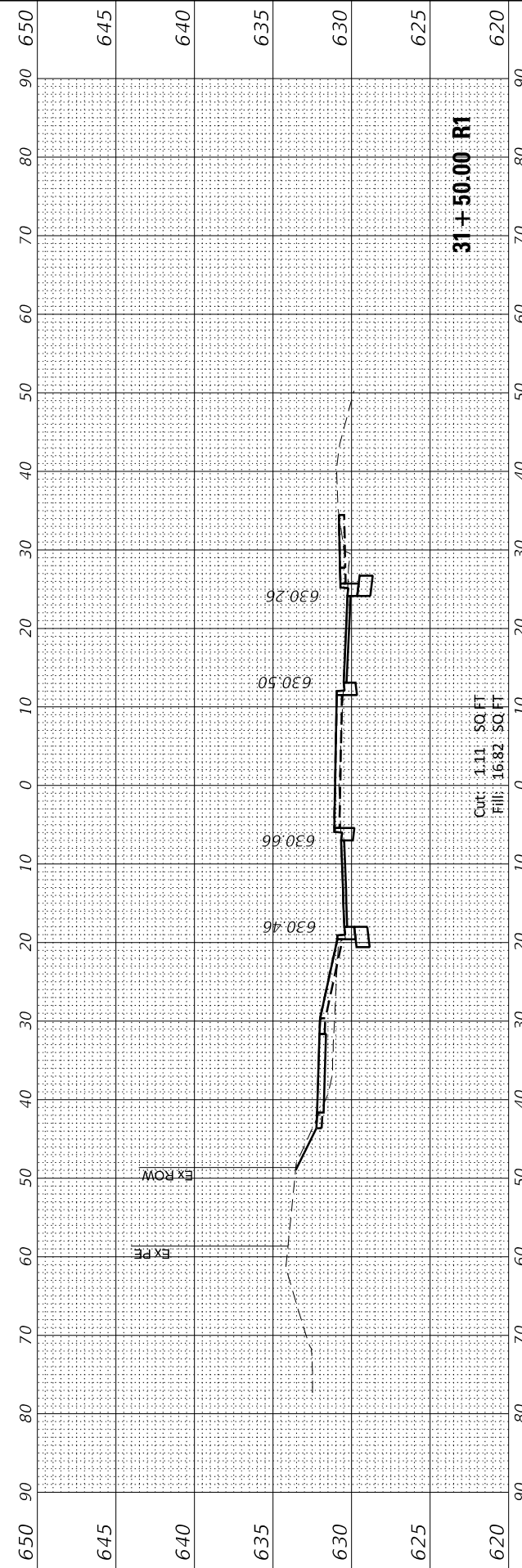
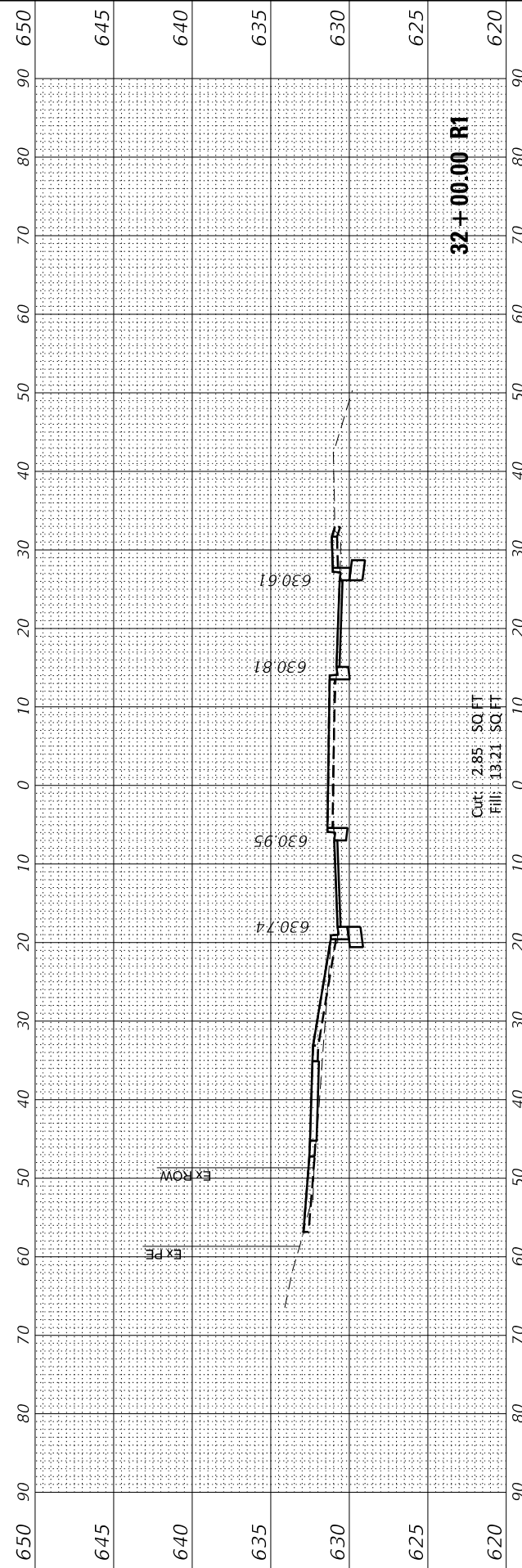
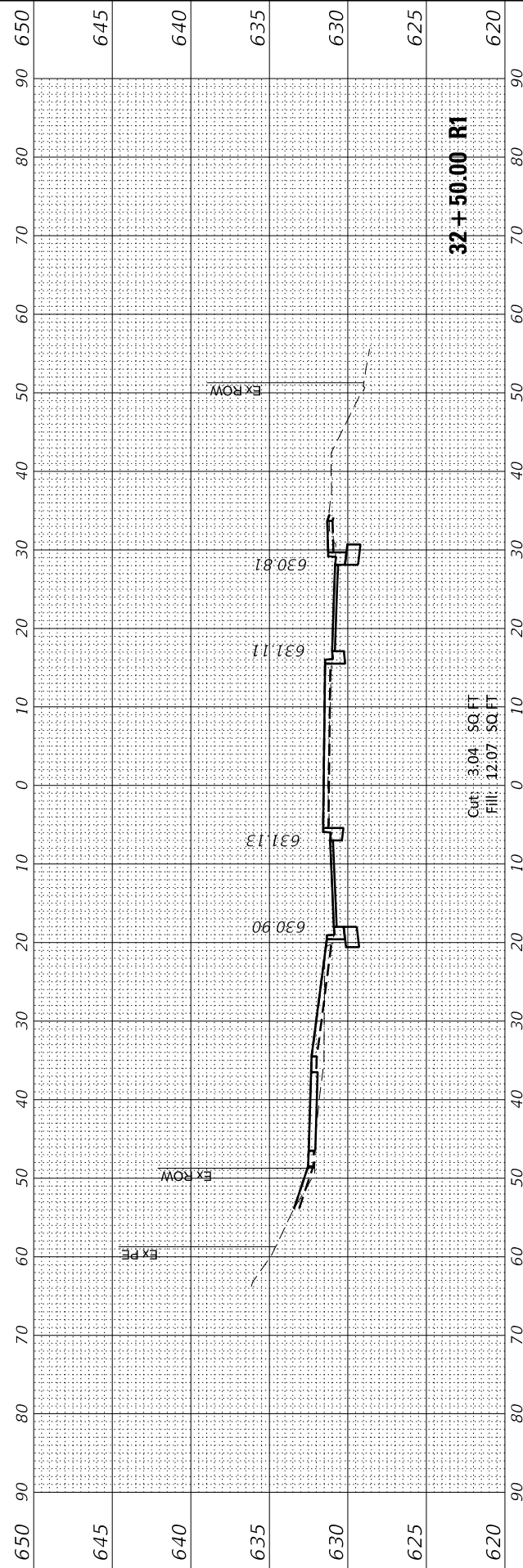
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PLOT DATE = 2/25/2022	CHECKED JA	REVISOR
	DATE 2/14/2021	REVISOR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CHESTNUT AVENUE

SCALE: 1"=10' SHEET 8 OF 20 SHEETS STA. 31+00.00 R1 TO STA. 32+50.00 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 138
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

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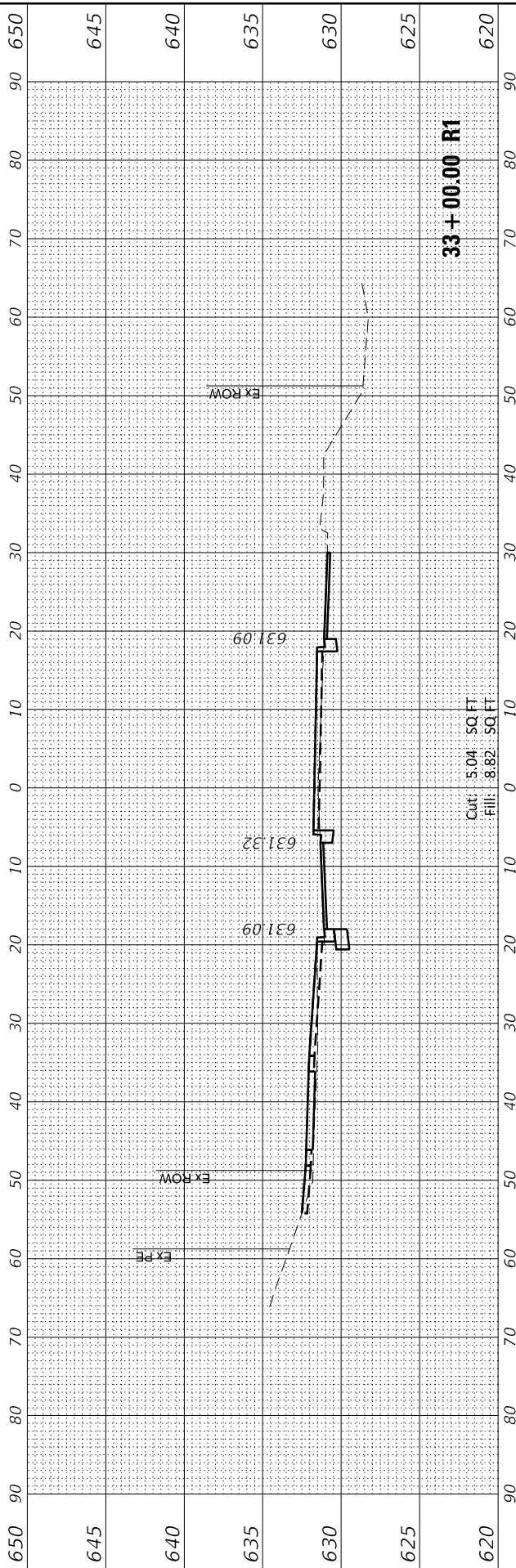
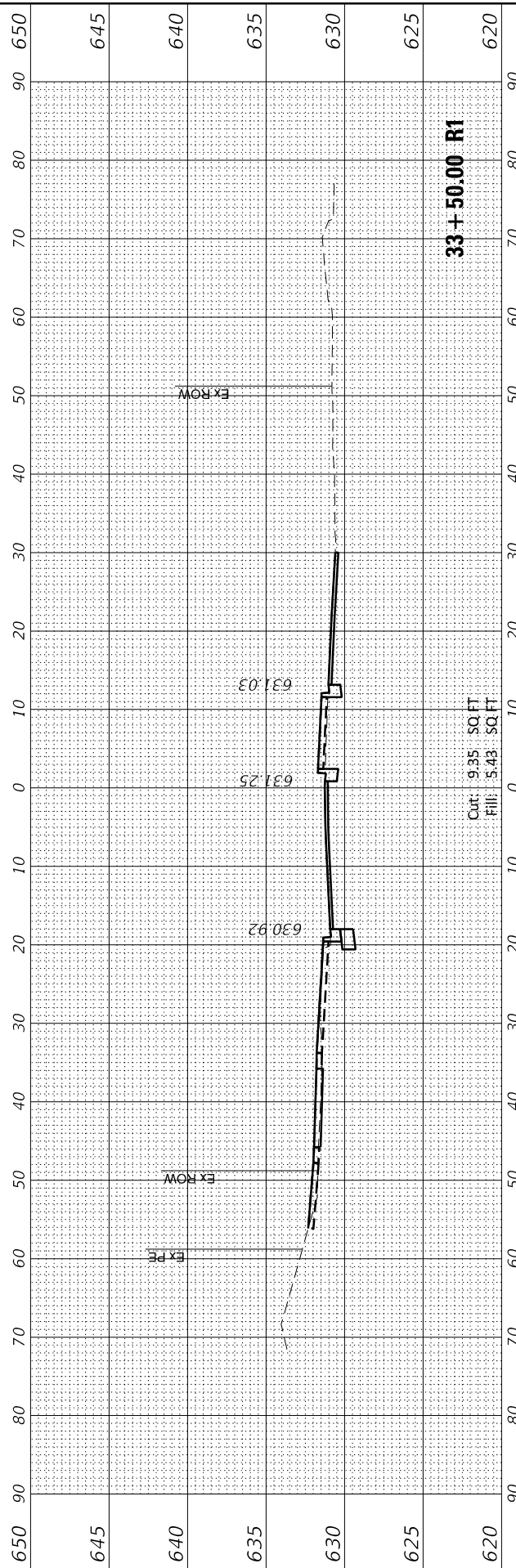
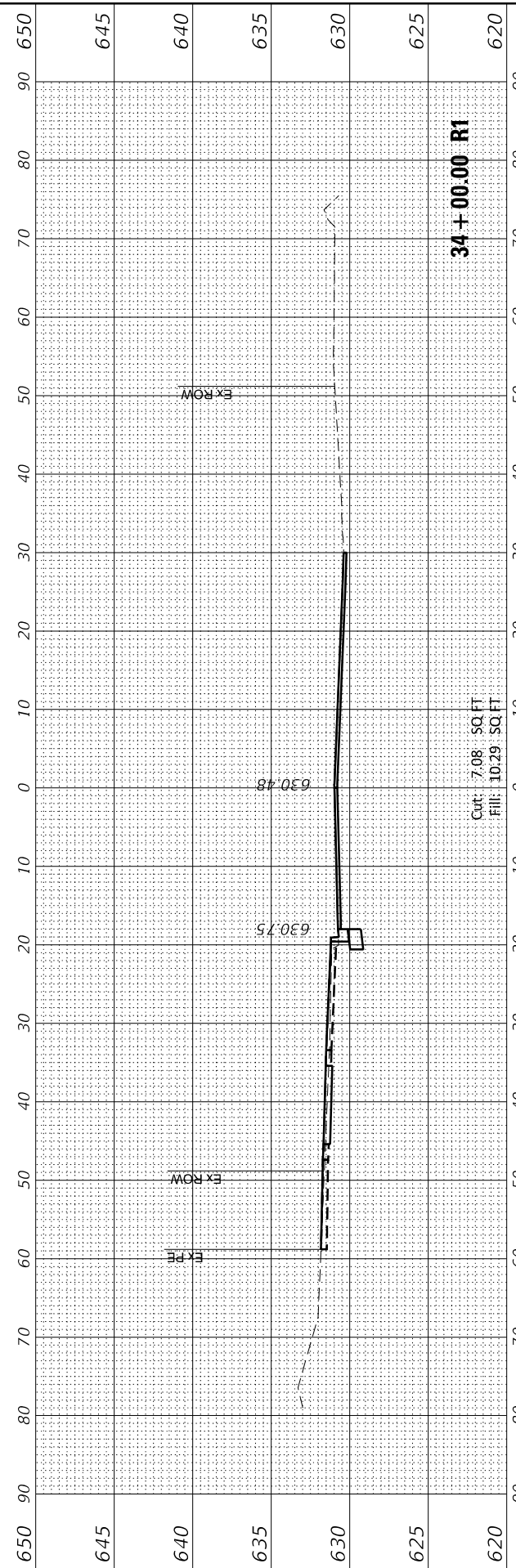
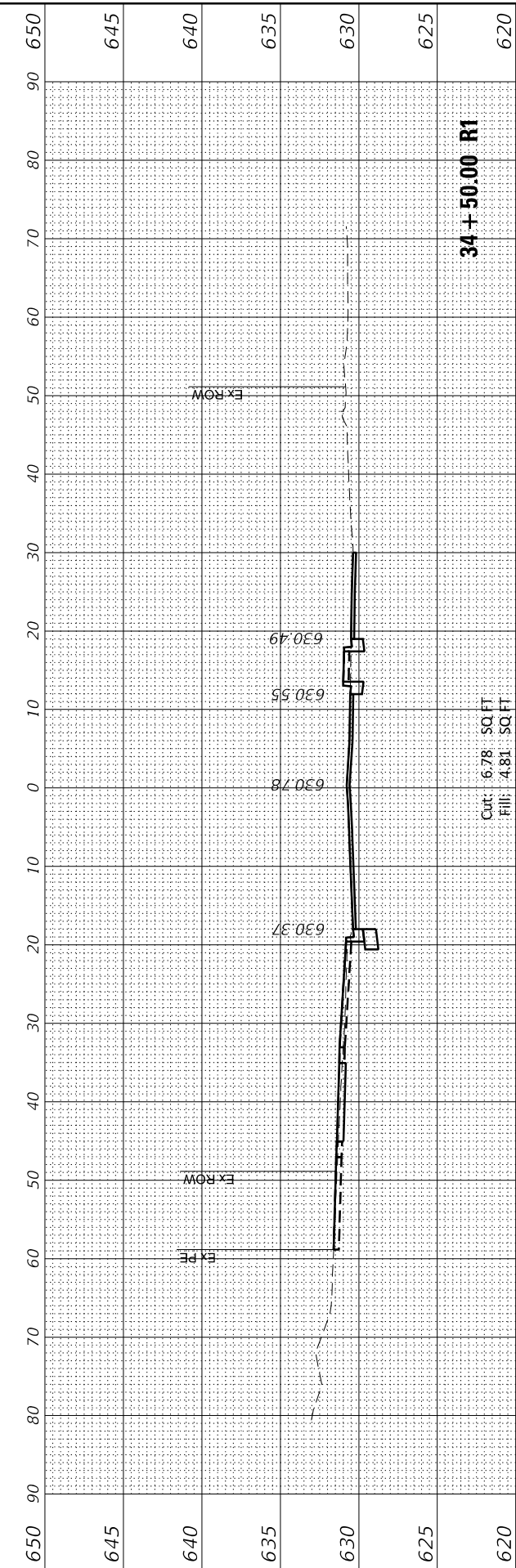
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PLOT DATE = 2/25/2022	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CHESTNUT AVENUE

SCALE: 1"=10' SHEET 9 OF 20 SHEETS STA. 33+00.00 R1 TO STA. 34+50.00 R1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00-190-00-PV	COOK	151	139
CONTRACT NO. 61H71				
ILLINOIS FED. AID PROJECT				



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

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

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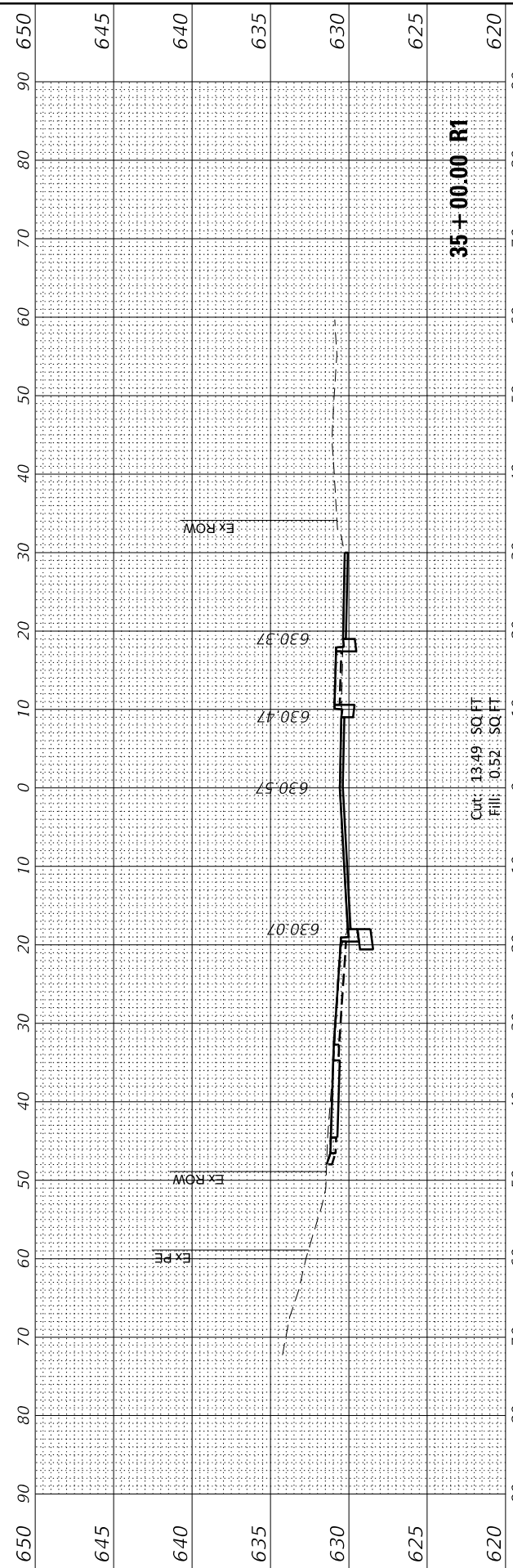
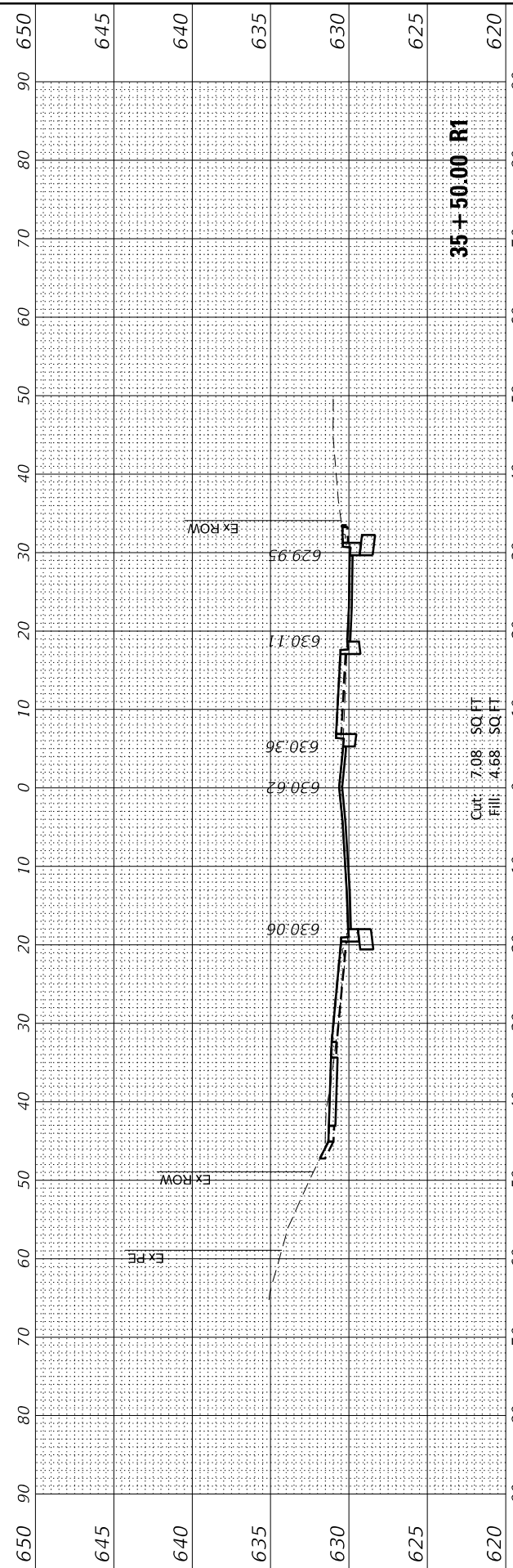
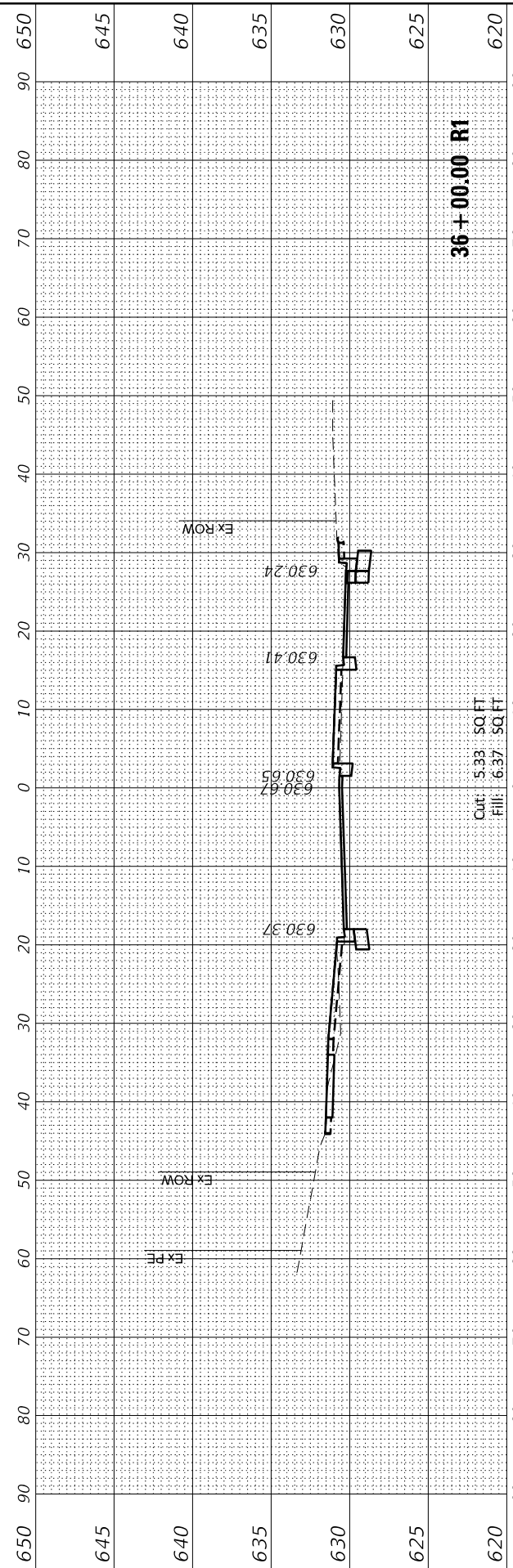
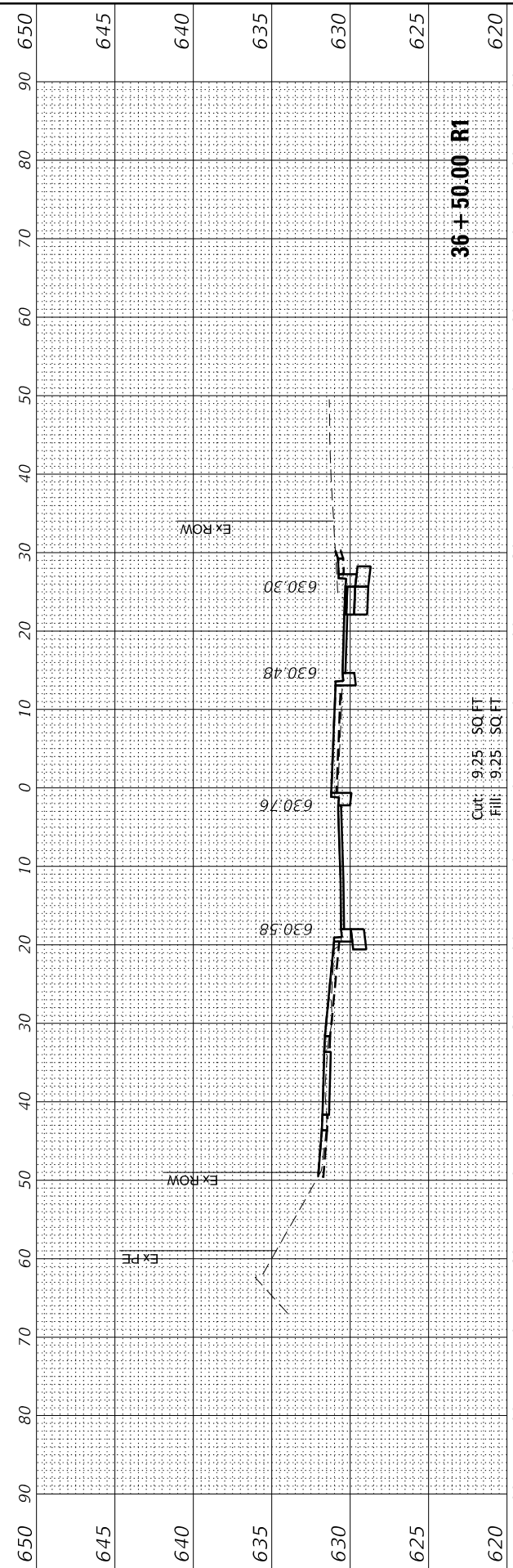
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PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10' SHEET 10 OF 20 SHEETS STA. 35+00.00 R1 TO STA. 36+50.00 R1

**CROSS SECTIONS
CHESTNUT AVENUE**

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 140
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

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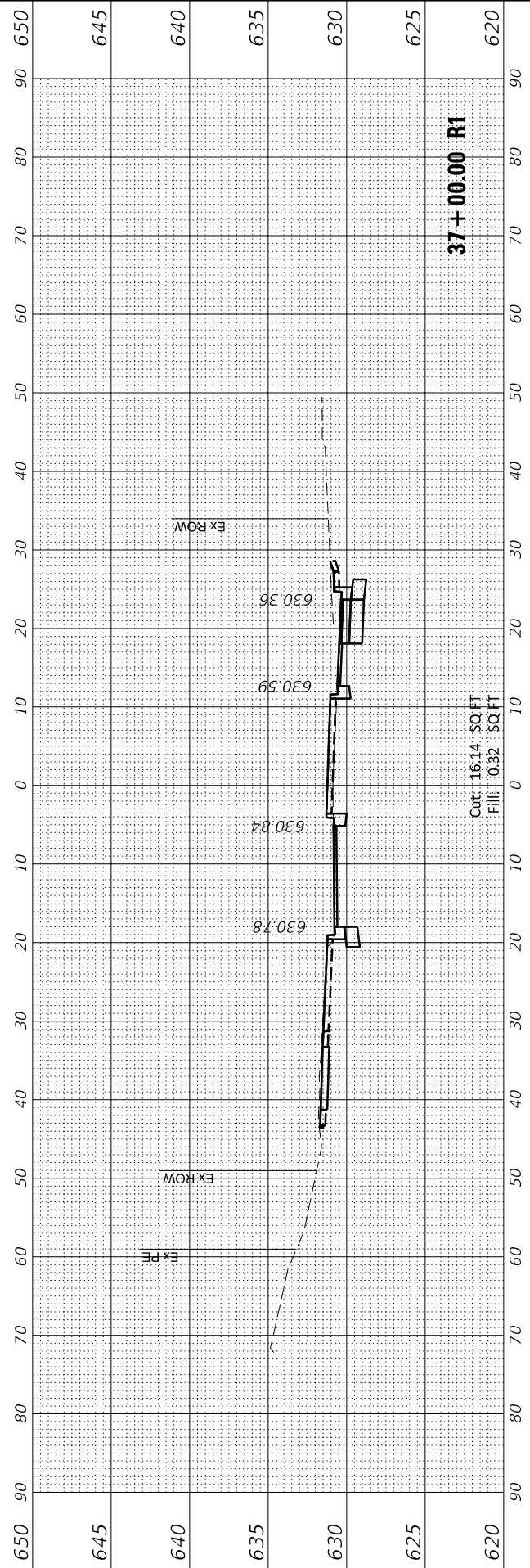
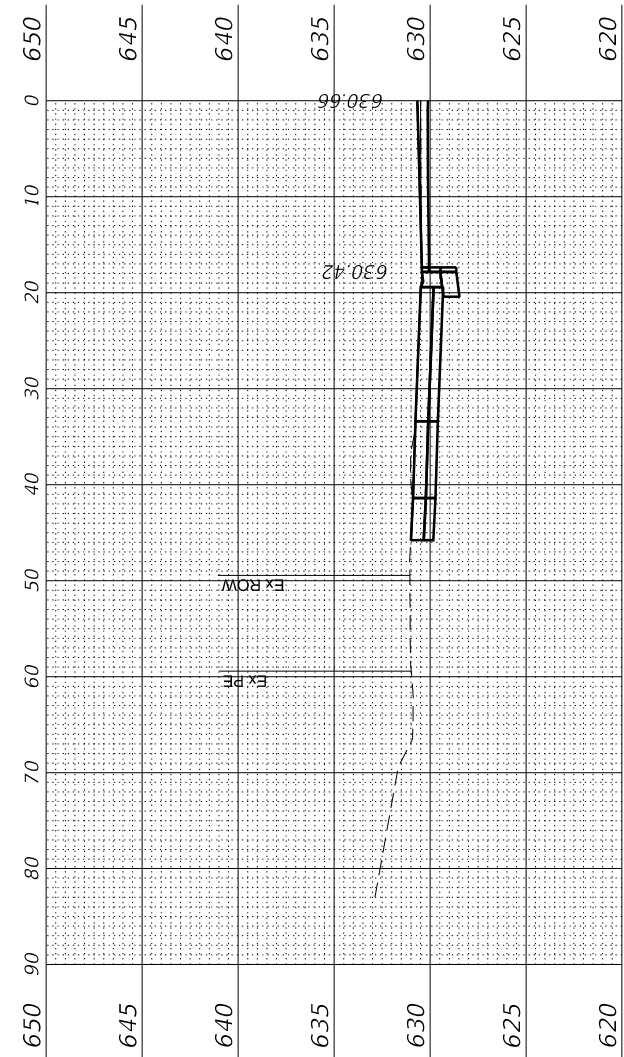
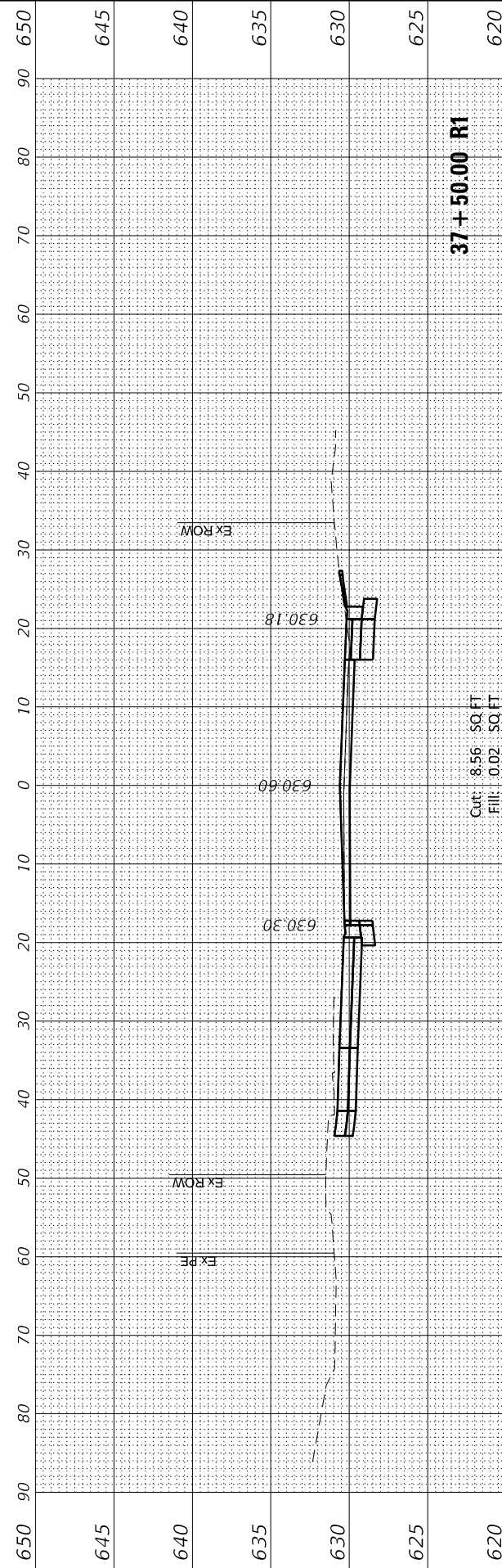
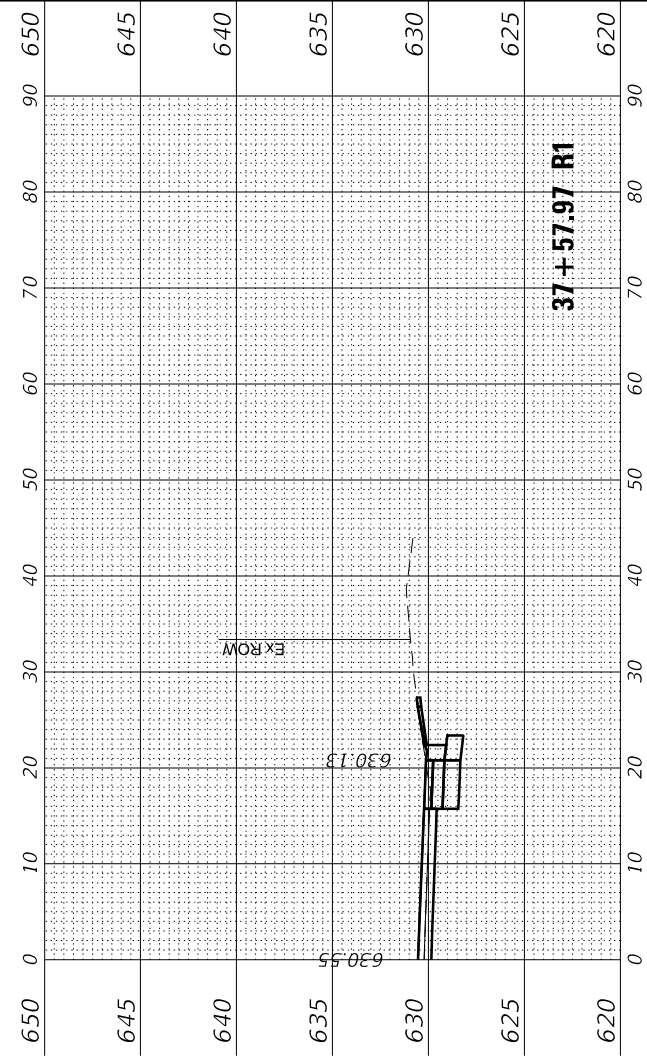
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DRAWN HS	REVISOR	
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PLOT DATE = 2/25/2022	DATE 2/14/2021	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CHESTNUT AVENUE

SCALE: 1"=10' SHEET 11 OF 20 SHEETS STA. 37+00.00 R1 TO STA. 37+57.97 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 141
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

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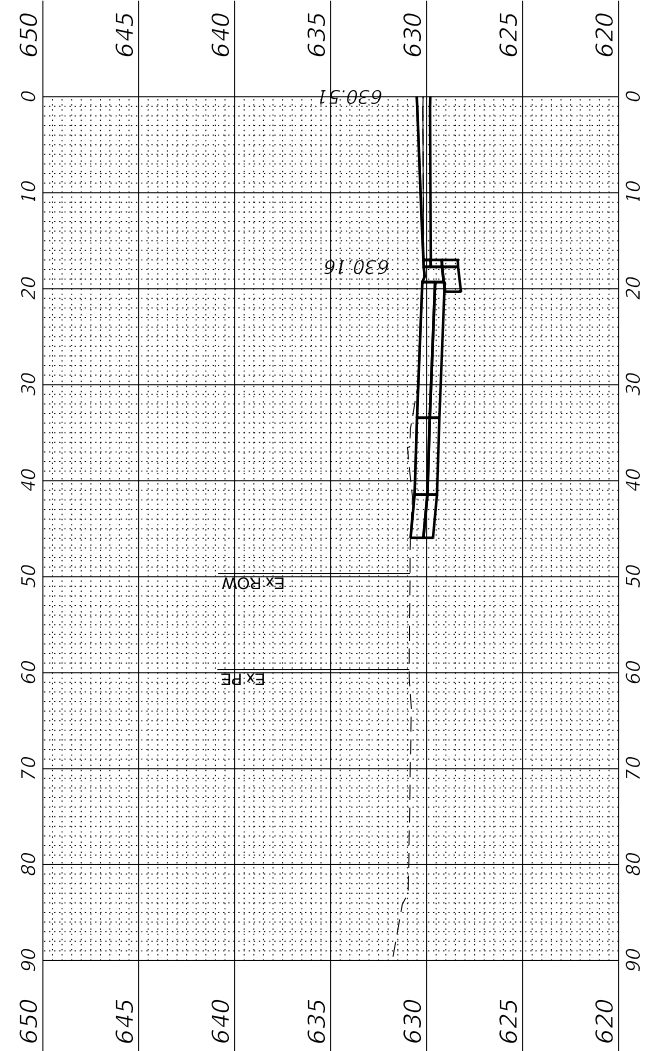
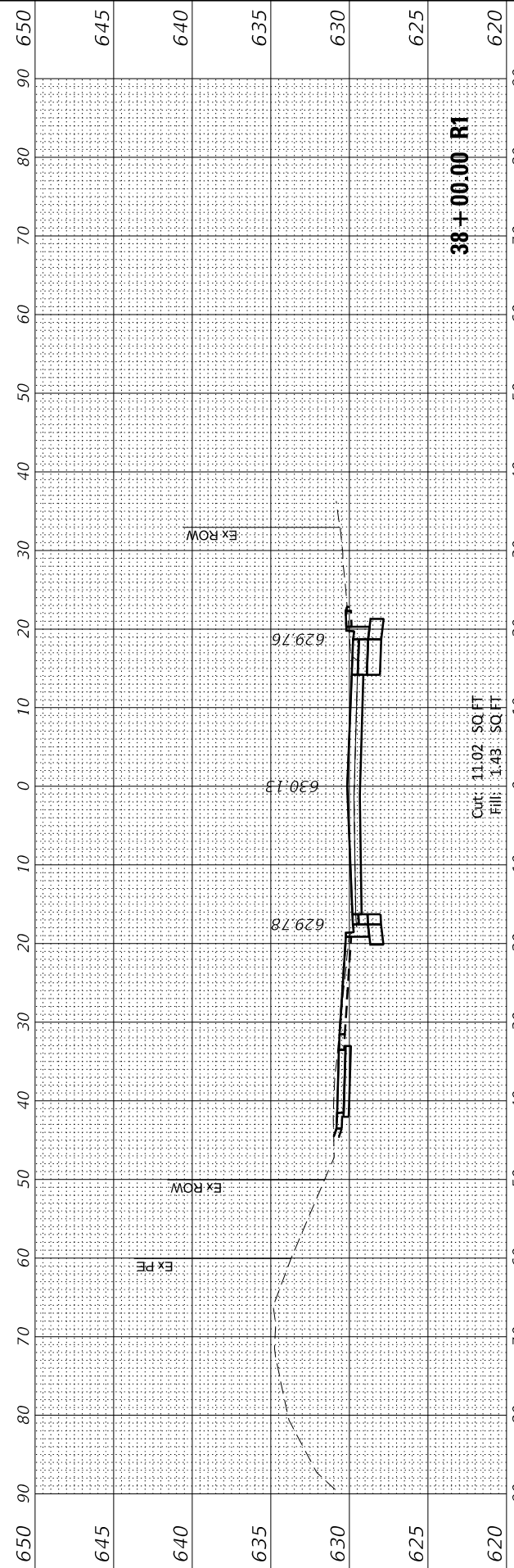
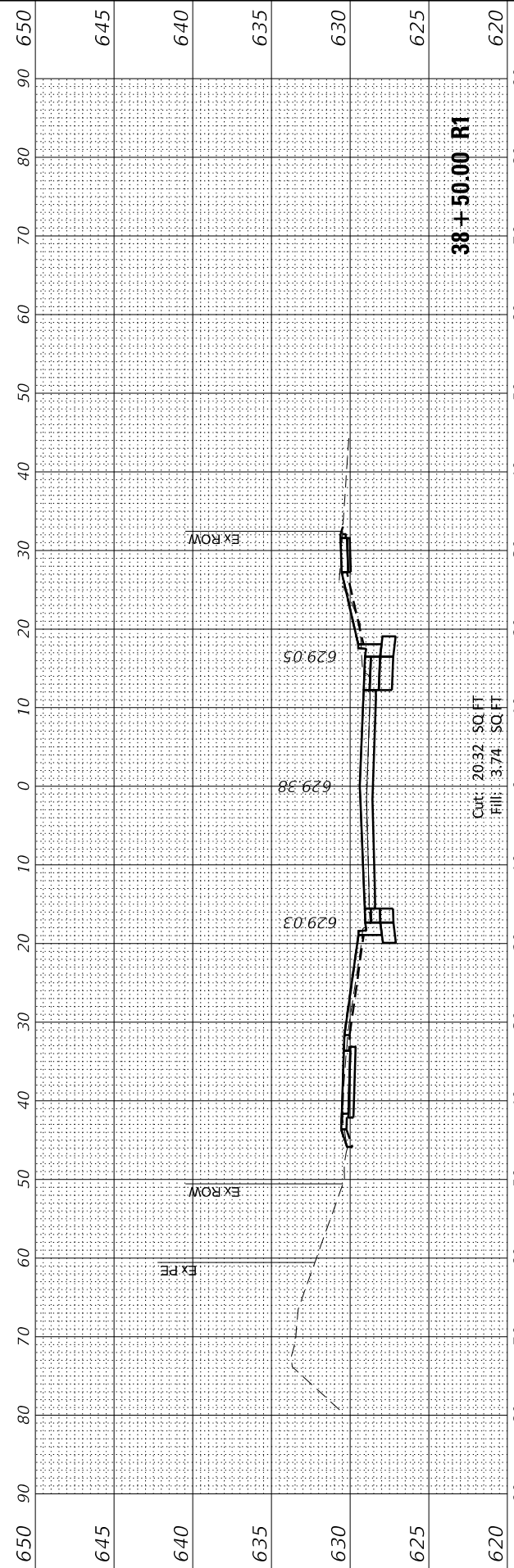
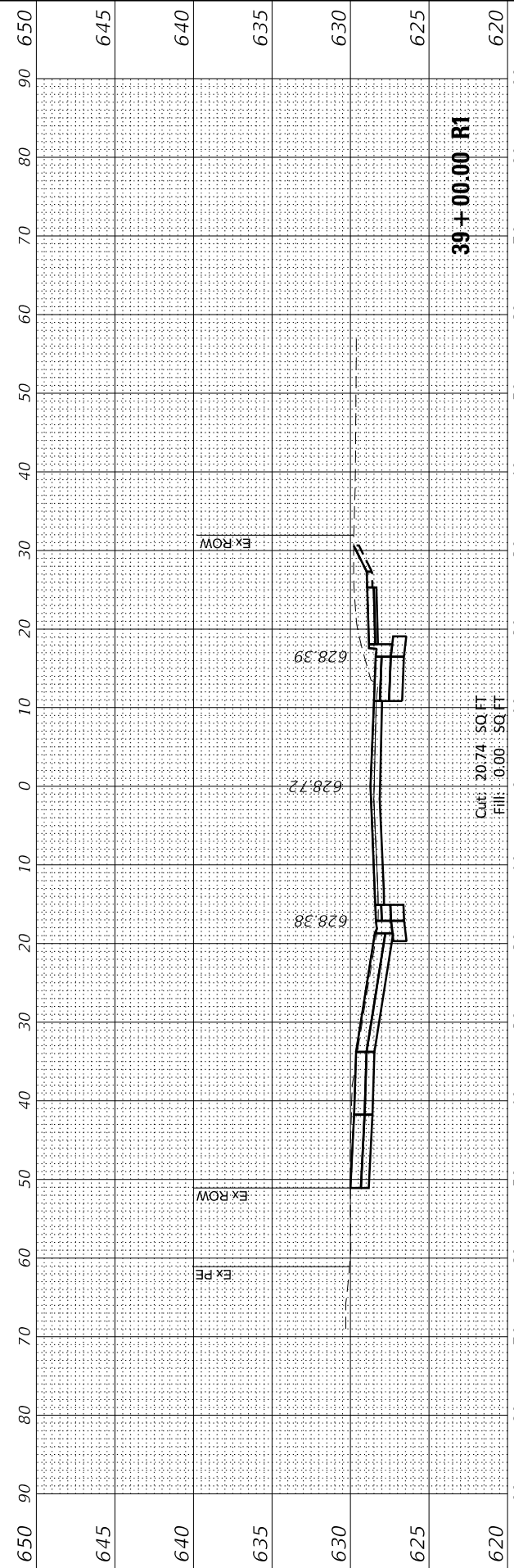
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	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
CHESTNUT AVENUE**

SCALE: 1"=10' SHEET 12 OF 20 SHEETS STA. 37+62.09 R1 TO STA. 39+00.00 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 142
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



37+62.09 R1

FINAL SURVEY	SURVEYED	BY	DATE	
NOTE BOOK	PLOTTED			
AREAS CHECKED	TEMPLATE			
NO.	AREAS CHECKED			
70	30	40	50	60

ORIGINAL SURVEY	SURVEYED	BY	DATE	
NOTE BOOK	PLOTTED			
AREAS CHECKED	TEMPLATE			
NO.	AREAS CHECKED			
70	30	40	50	60

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DRAWN	HS
CHECKED	JA
DATE	2/14/2021

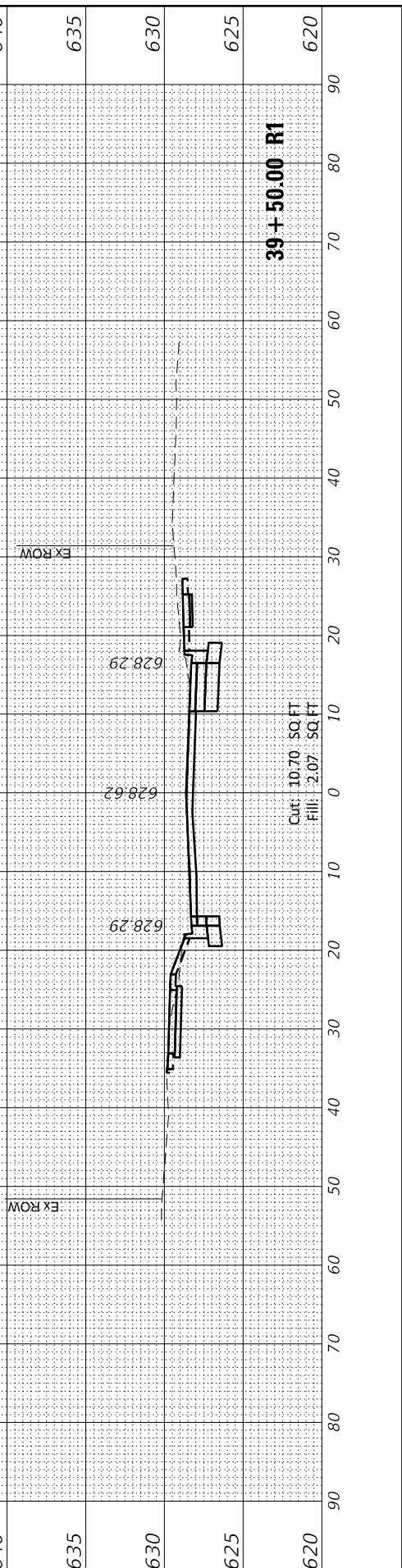
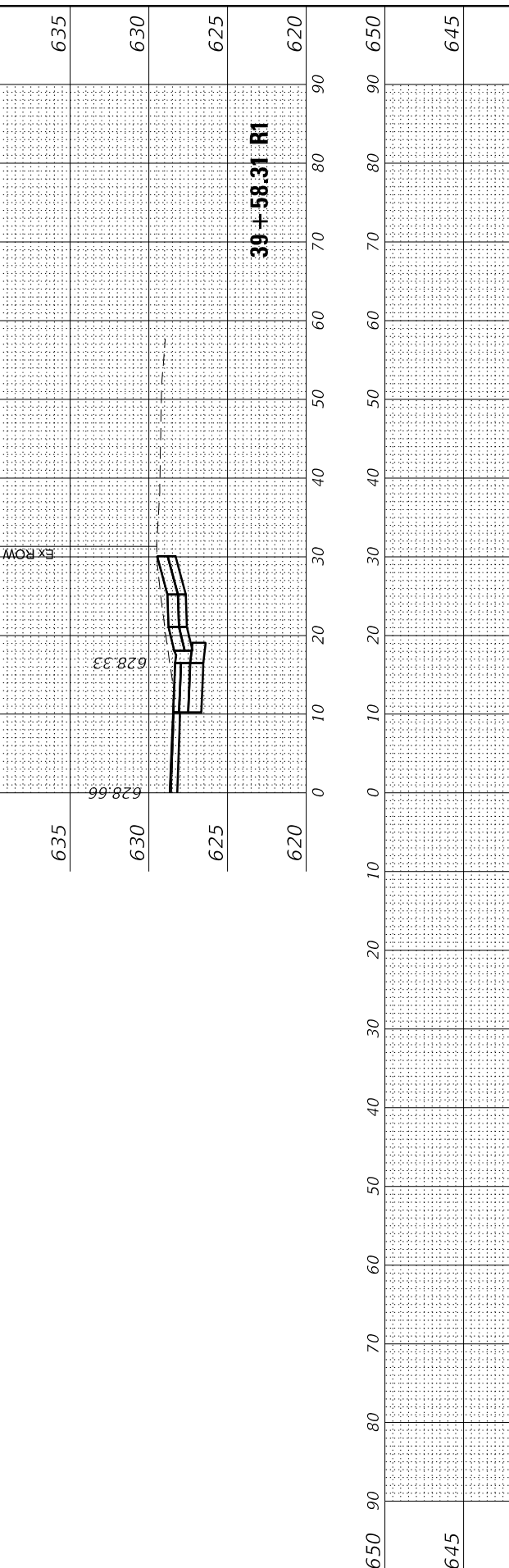
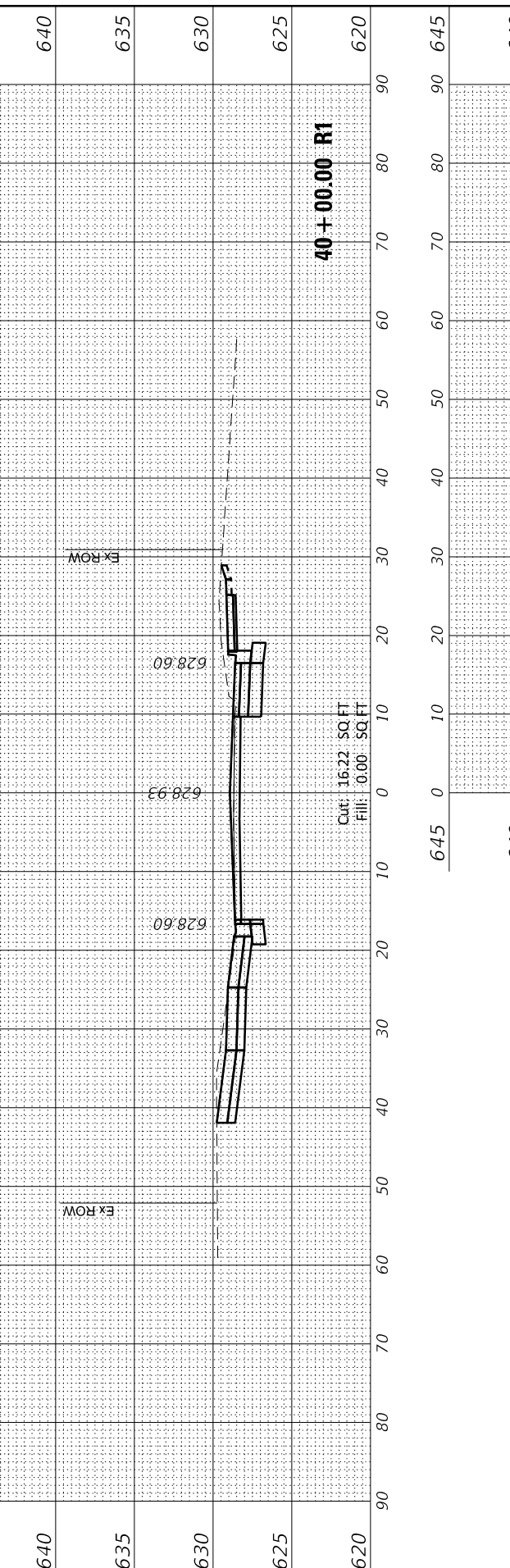
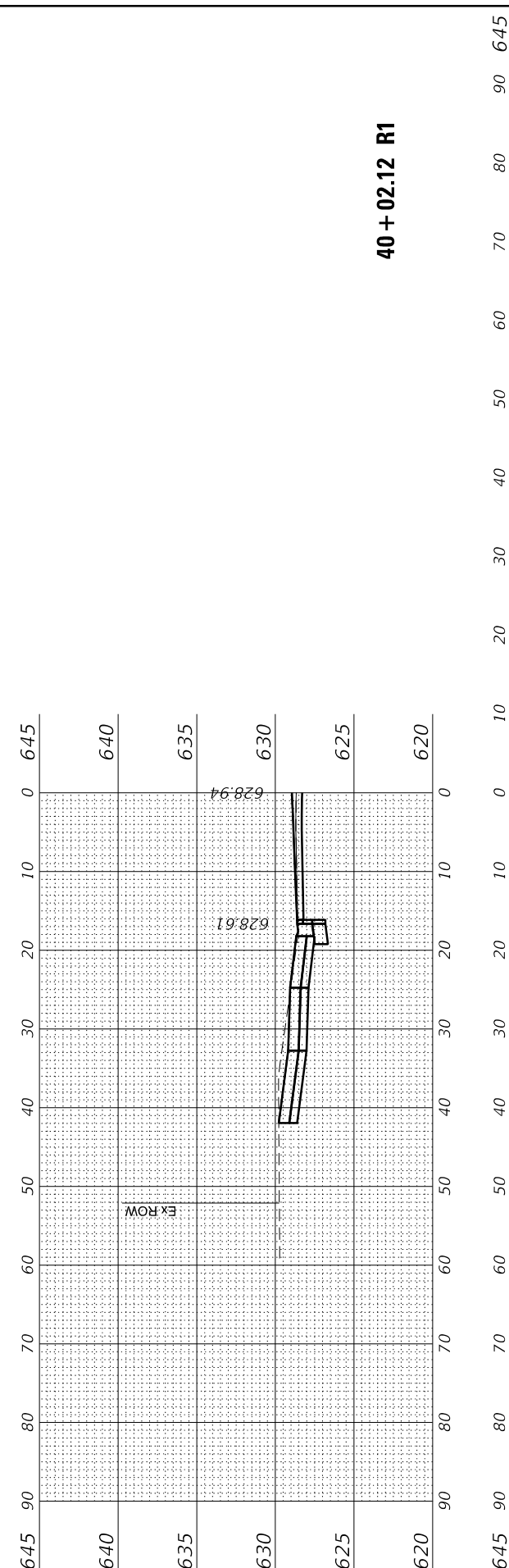
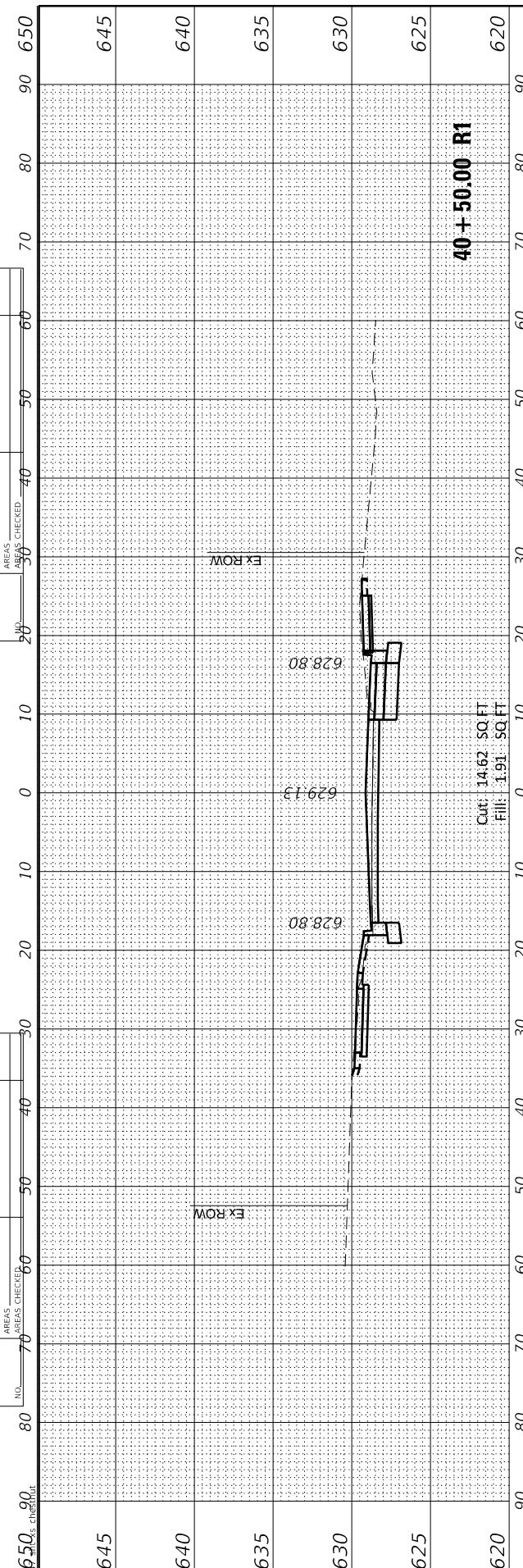
REVISION	
REVISION	
REVISION	
REVISION	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CHESTNUT AVENUE

SCALE: 1"=10' SHEET 13 OF 20 SHEETS STA. 39+50.00 R1 TO STA. 40+50.00 R1

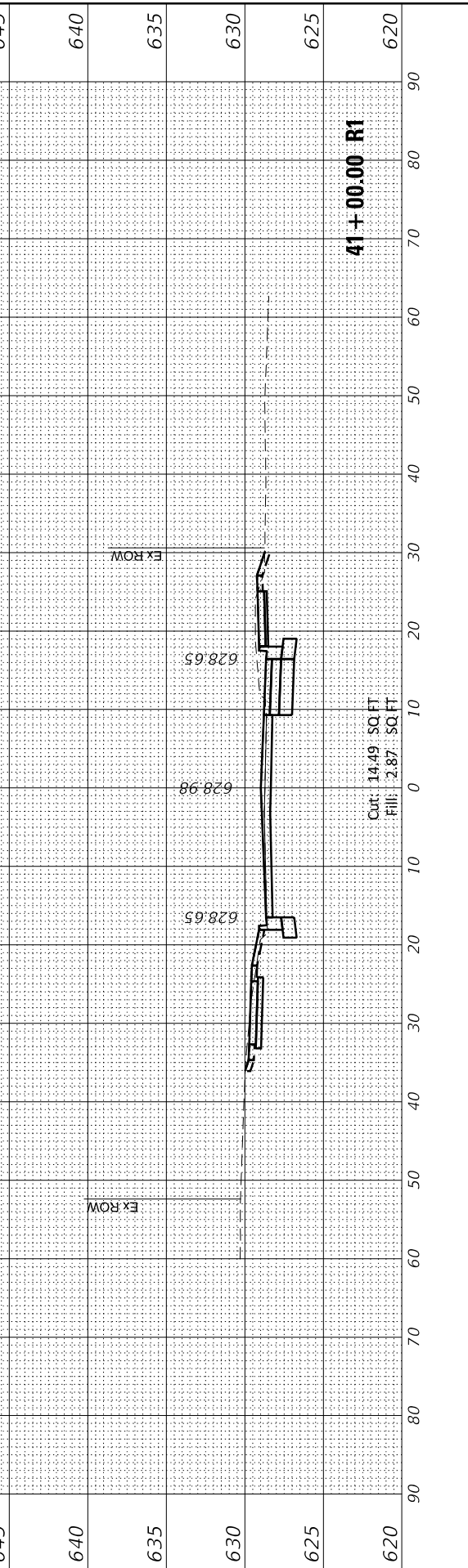
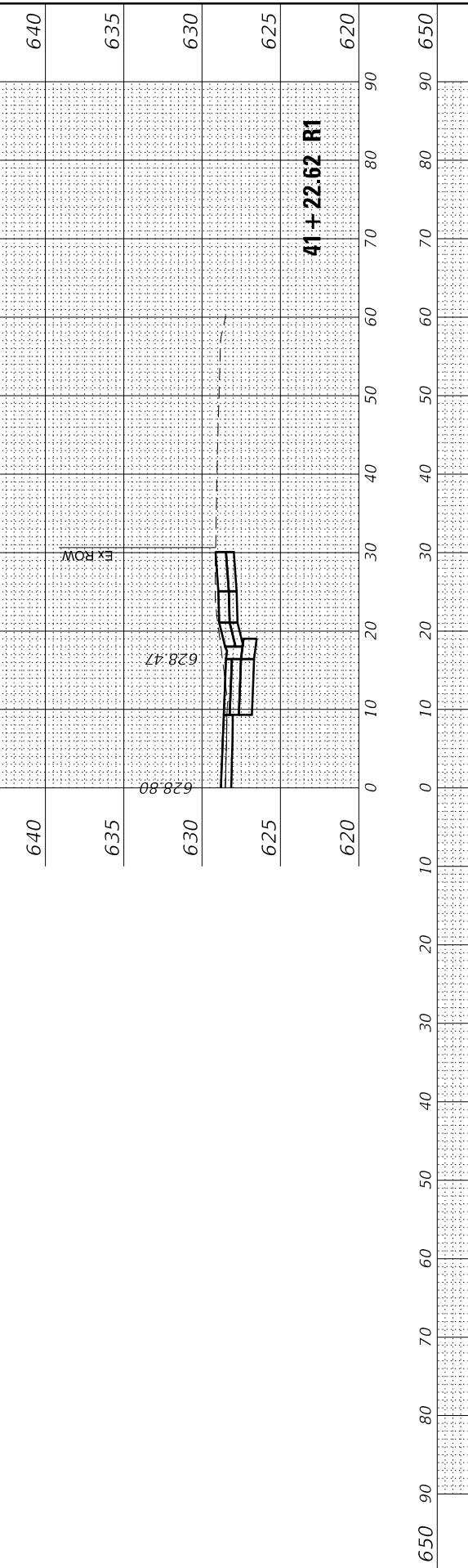
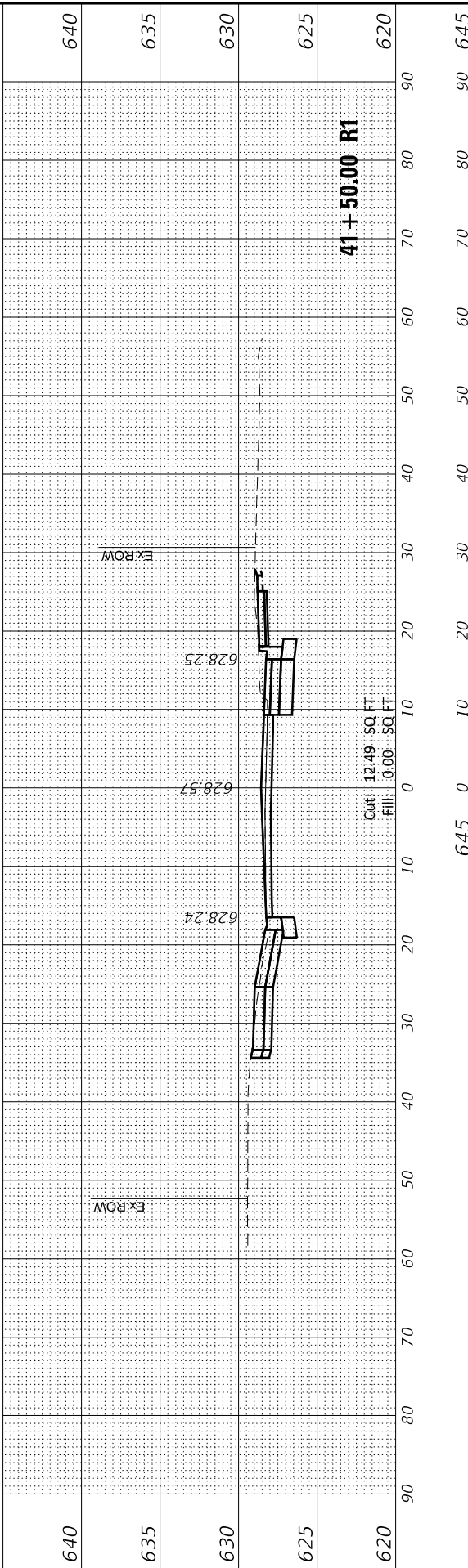
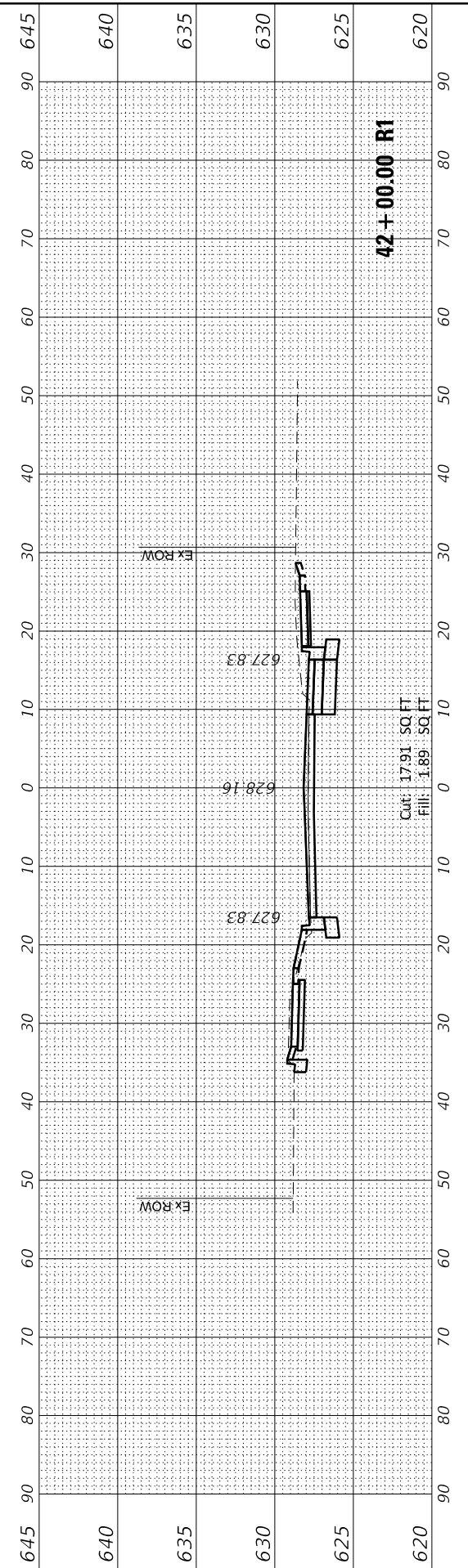
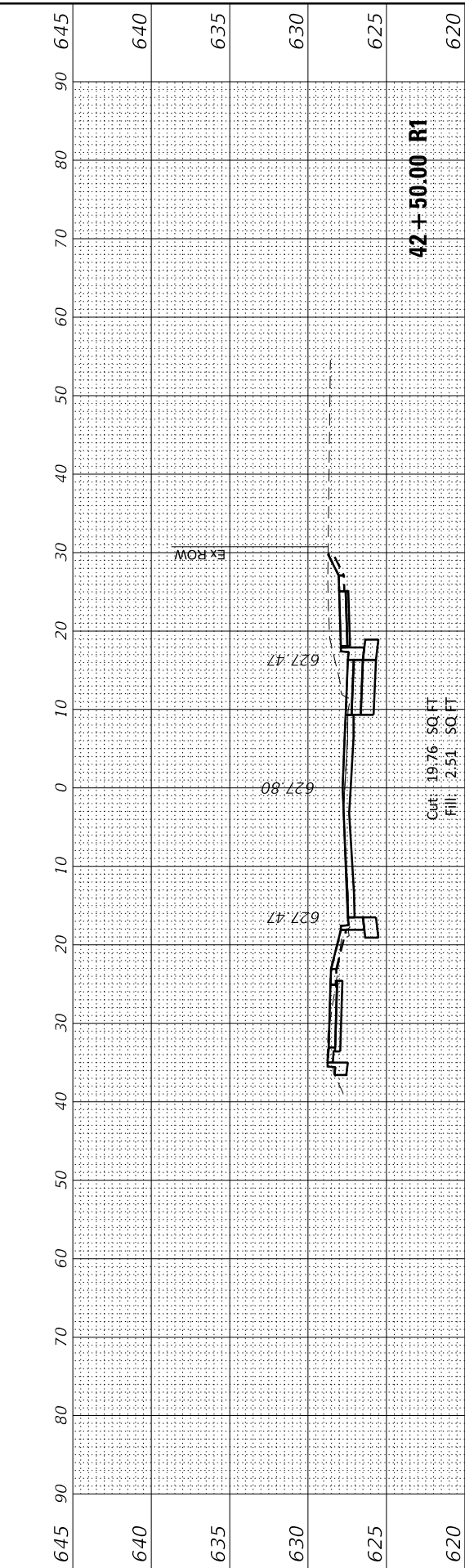
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1352	15-00-190-00-PV	COOK	151	143
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

MODEL: Defaul
FILE NAME: 132547_sht_05_Chestnut



USER NAME = jmallen2
PLOT SCALE = 20.0000 ' / in.
PLOT DATE = 2/25/2022

DESIGNED JA	REVIS
DRAWN HS	REVIS
CHECKED JA	REVIS
DATE 2/14/2021	REVIS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CHESTNUT AVENUE

SCALE: 1"=10' SHEET 14 OF 20 SHEETS STA. 41+00.00 R1 TO STA. 42+50.00 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 144
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO. 70	AREAS CHECKED	40	50

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO. 70	AREAS CHECKED	40	50

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DATE: 2/25/2022



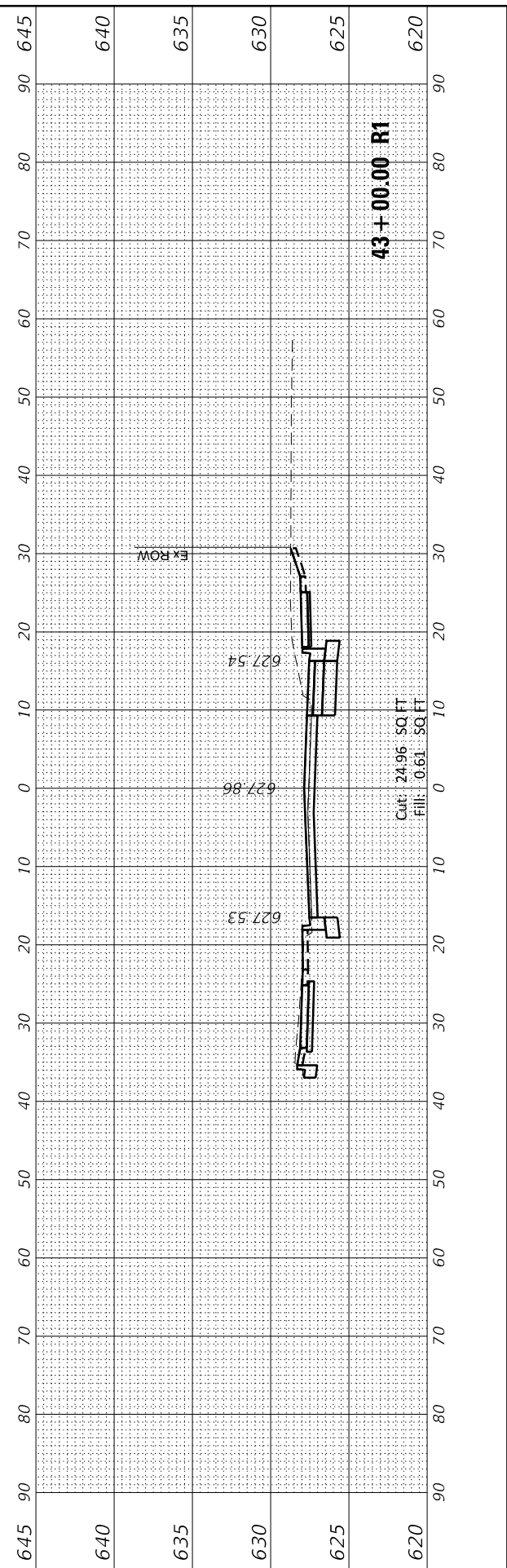
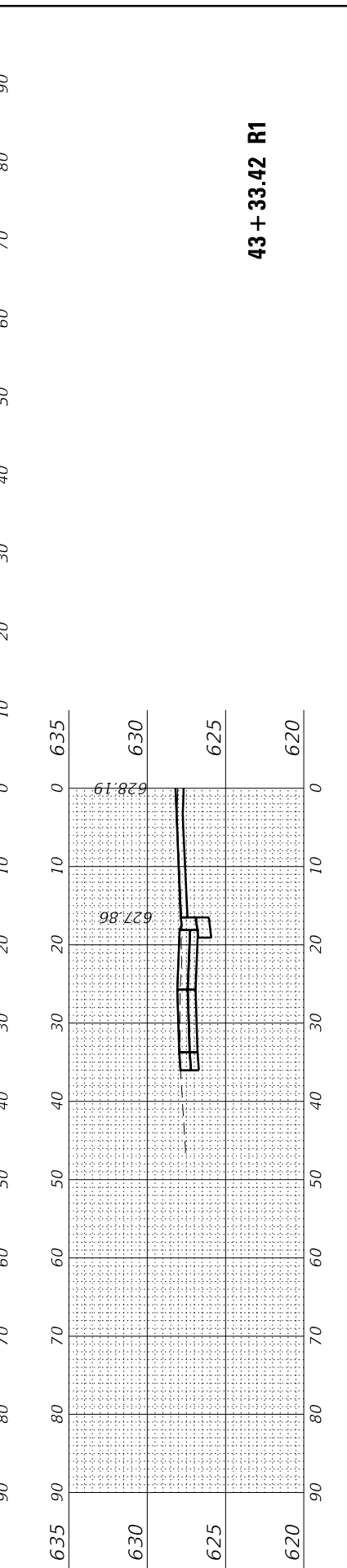
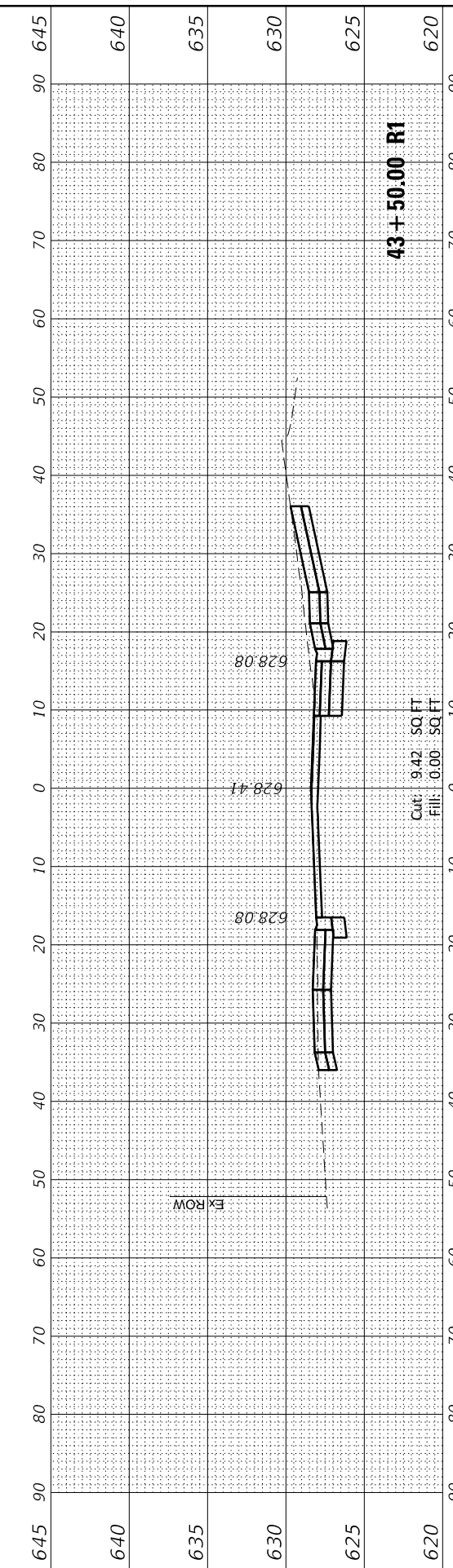
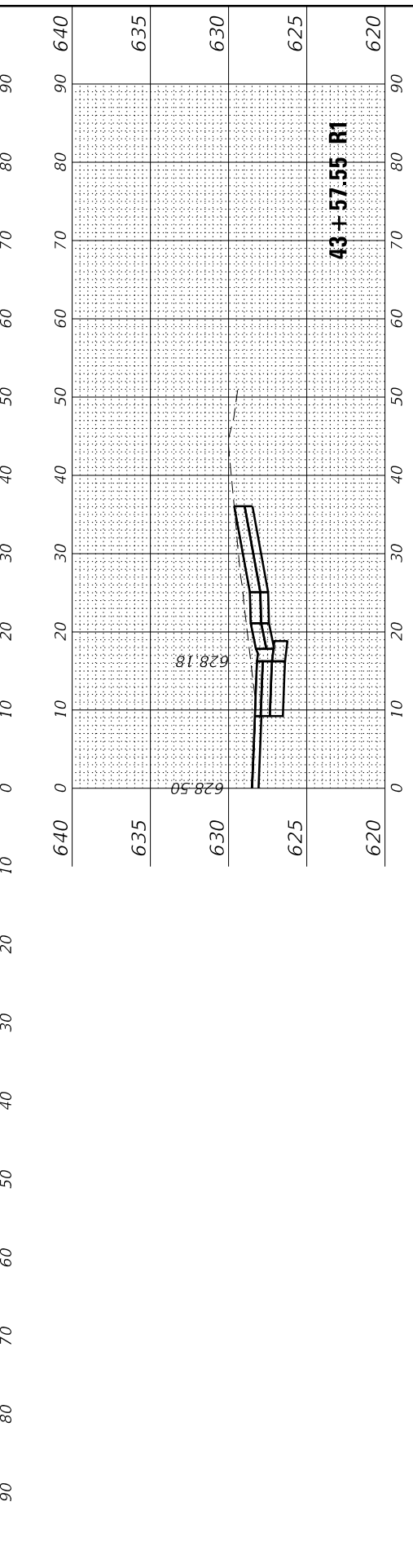
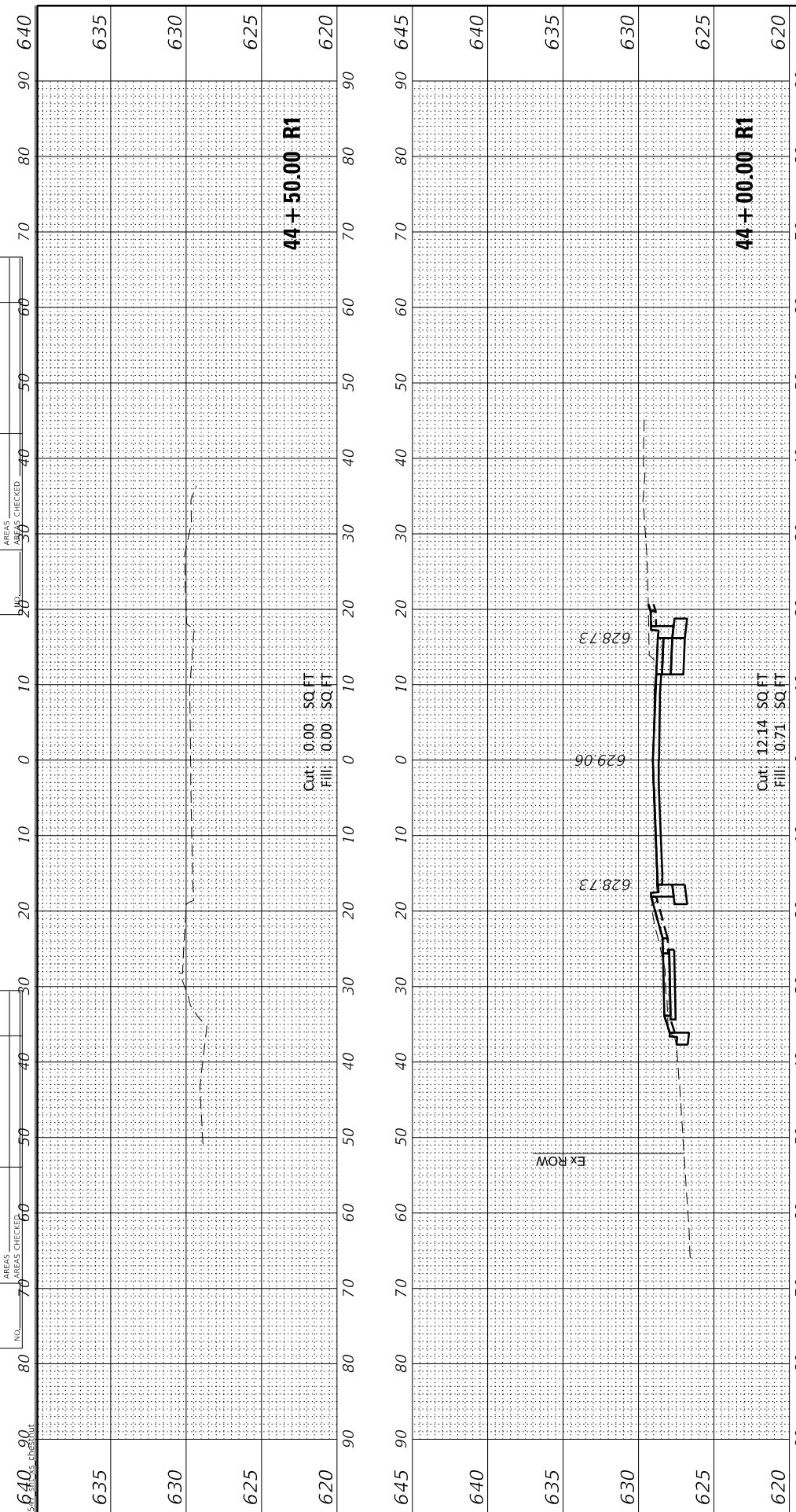
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PLOT SCALE = 20.0000' / in.	DRAWN HS	REVISED
PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
CHESTNUT AVENUE

SCALE: 1"=10' SHEET 15 OF 20 SHEETS STA. 43+00.00 R1 TO STA. 44+50.00 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 145
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

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	DATE 2/14/2021

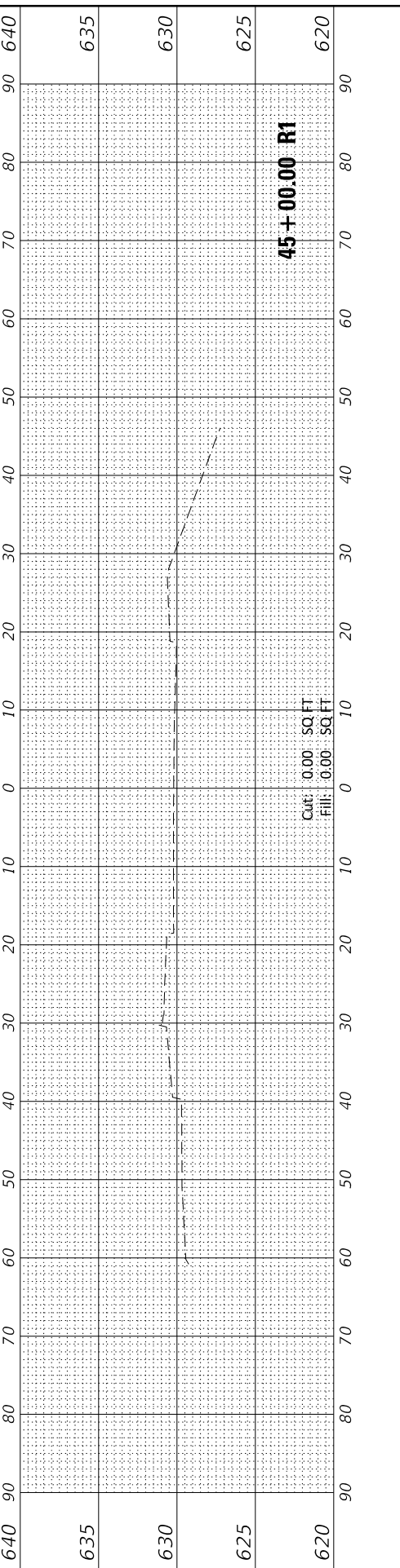
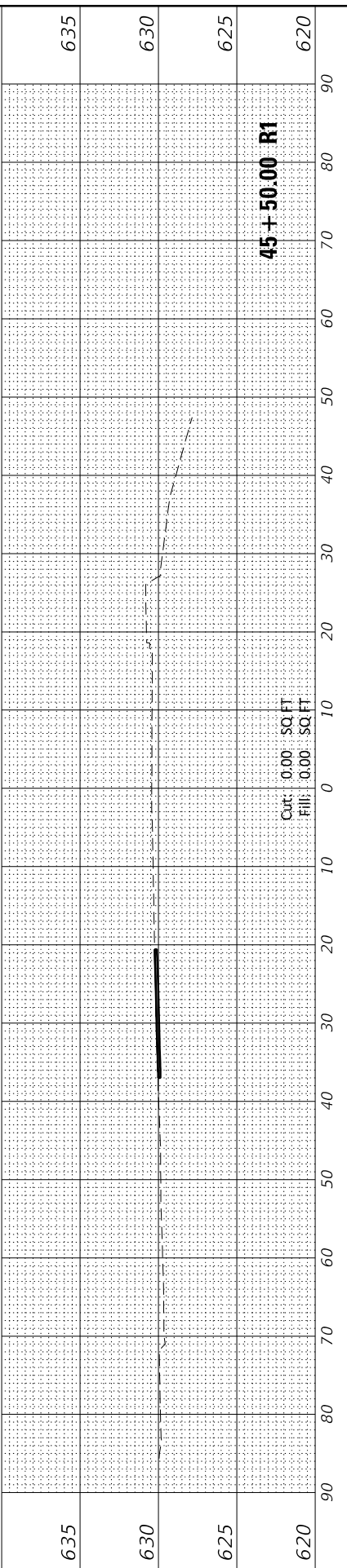
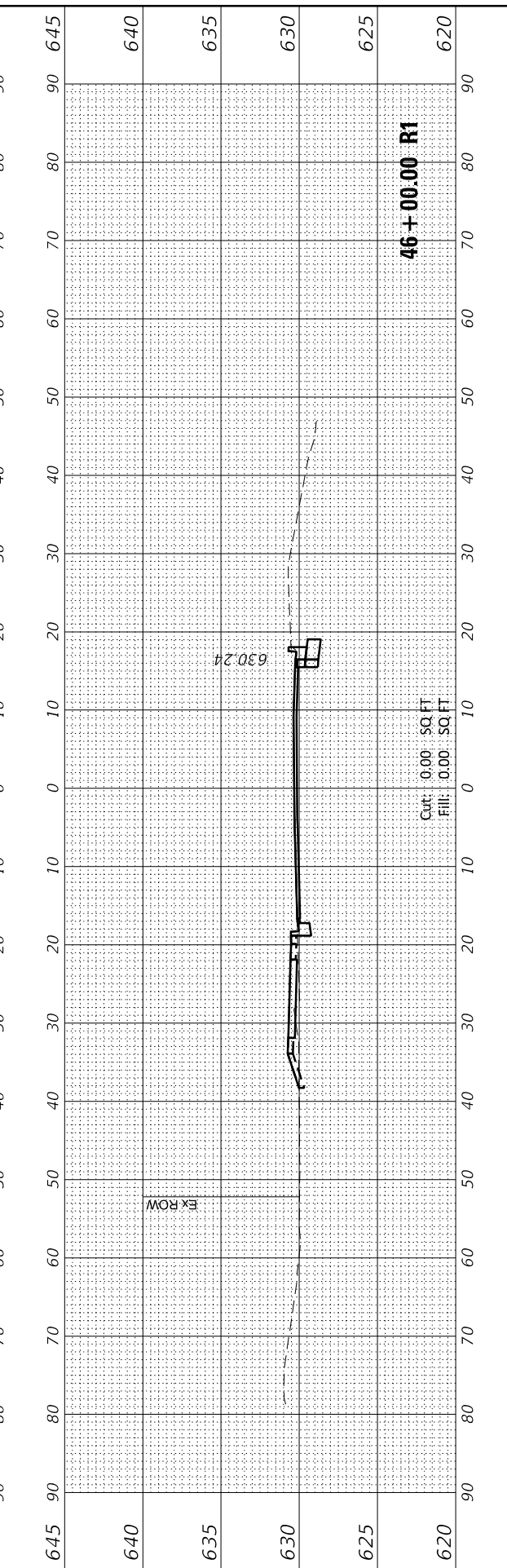
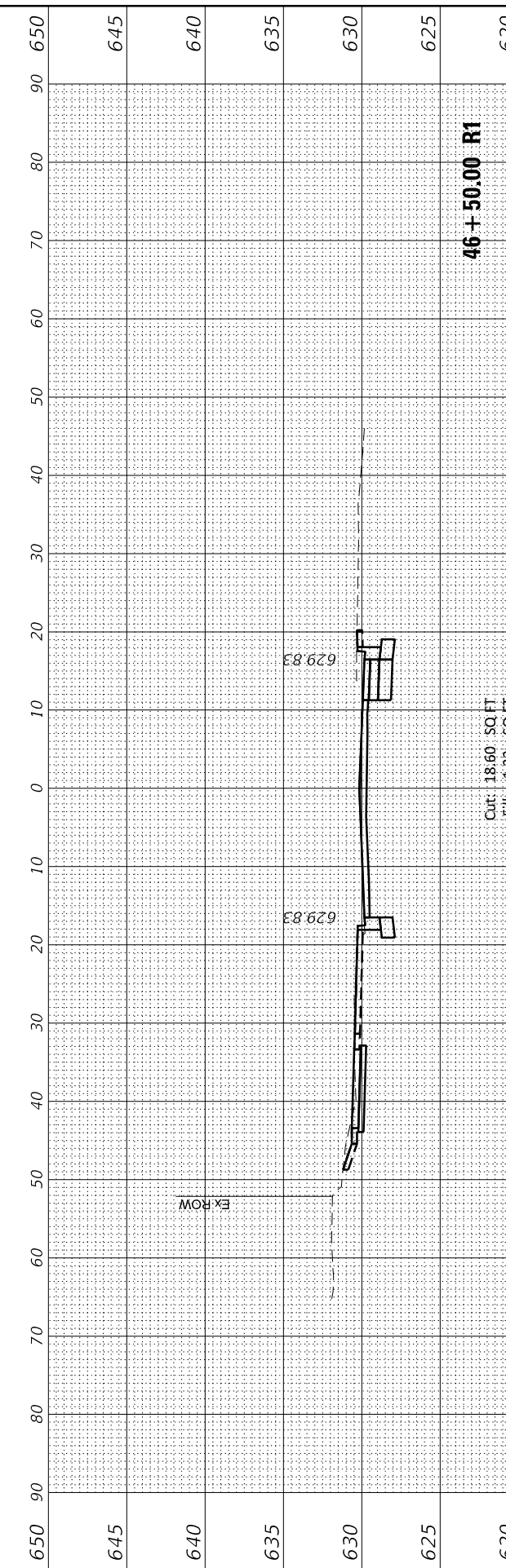
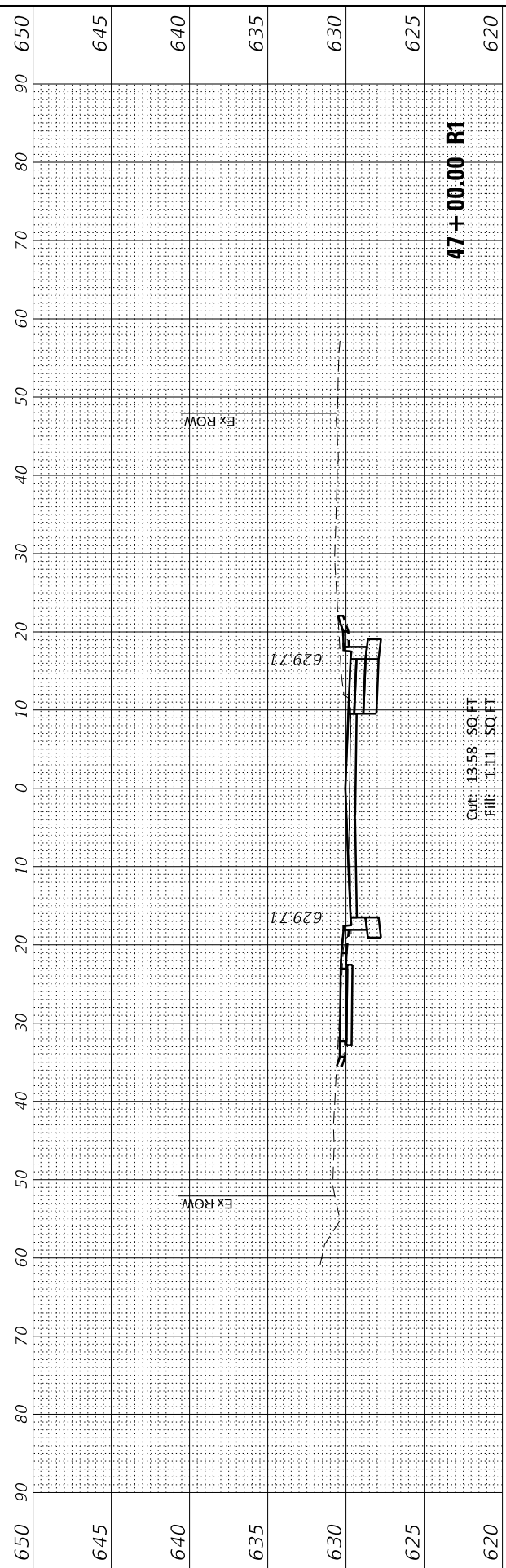
REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION
REVISOR	REVISION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10' SHEET 16 OF 20 SHEETS STA. 45+00.00 R1 TO STA. 47+00.00 R1

CROSS SECTIONS
CHESTNUT AVENUE

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 146
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

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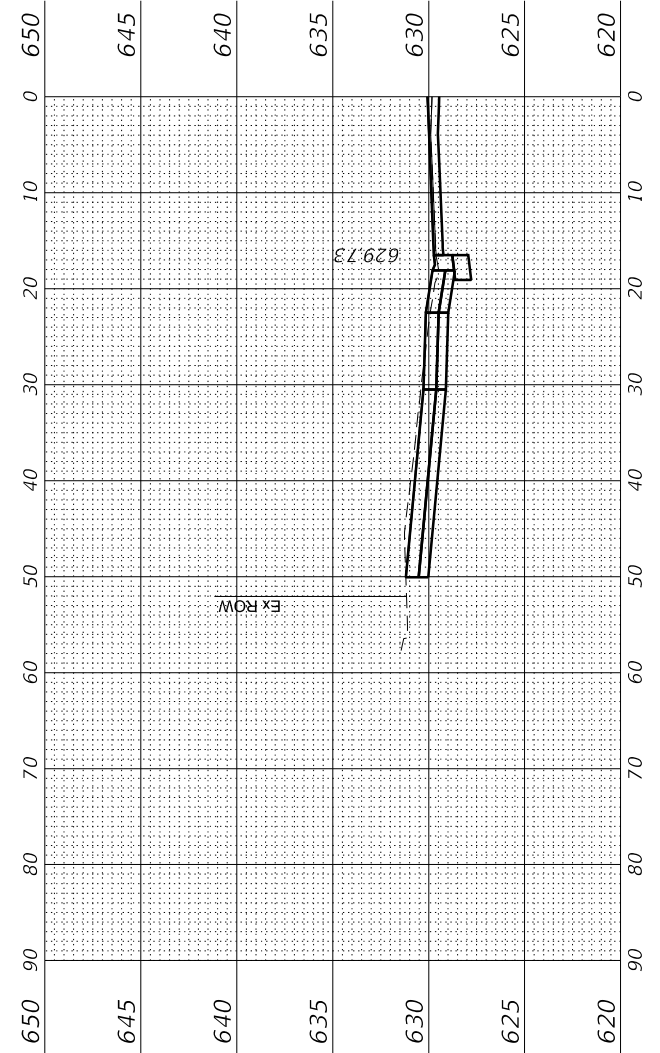
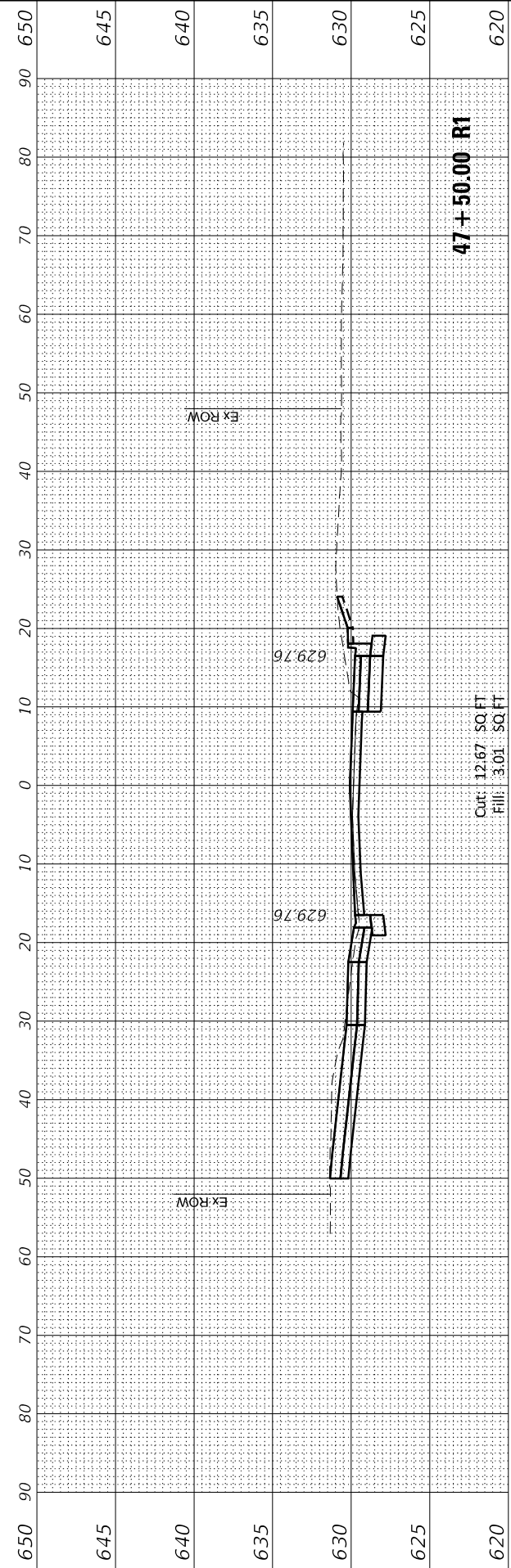
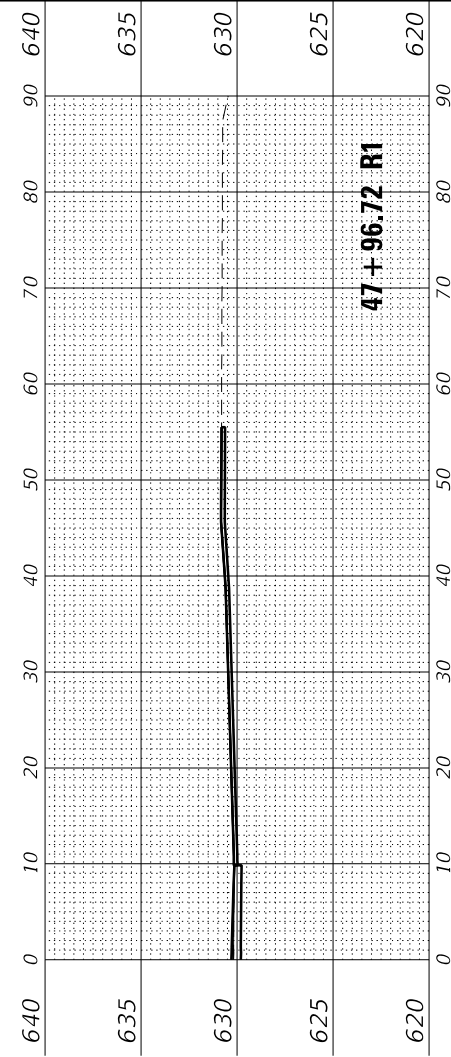
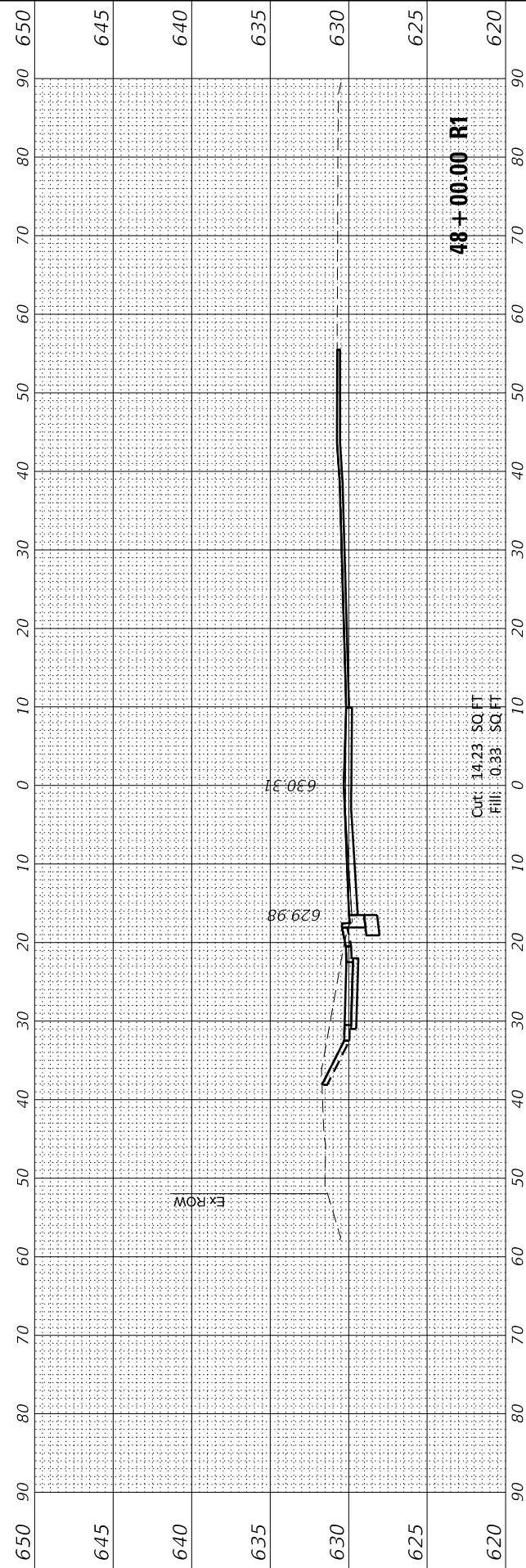
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PLOT SCALE = 20.0000 ' / in.	DRAWN HS	REVISED
PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10' SHEET 17 OF 20 SHEETS STA. 47+37.83 R1 TO STA. 48+00.00 R1

**CROSS SECTIONS
CHESTNUT AVENUE**

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 147
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



47+37.83 R1

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

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

MODEL: Definit
FILE NAME: 132547_sht_cs_Chestnut



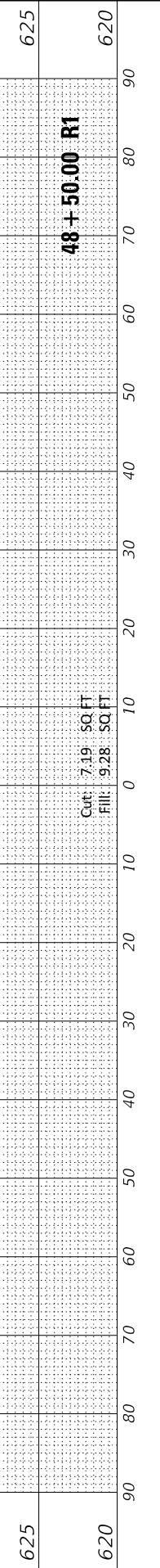
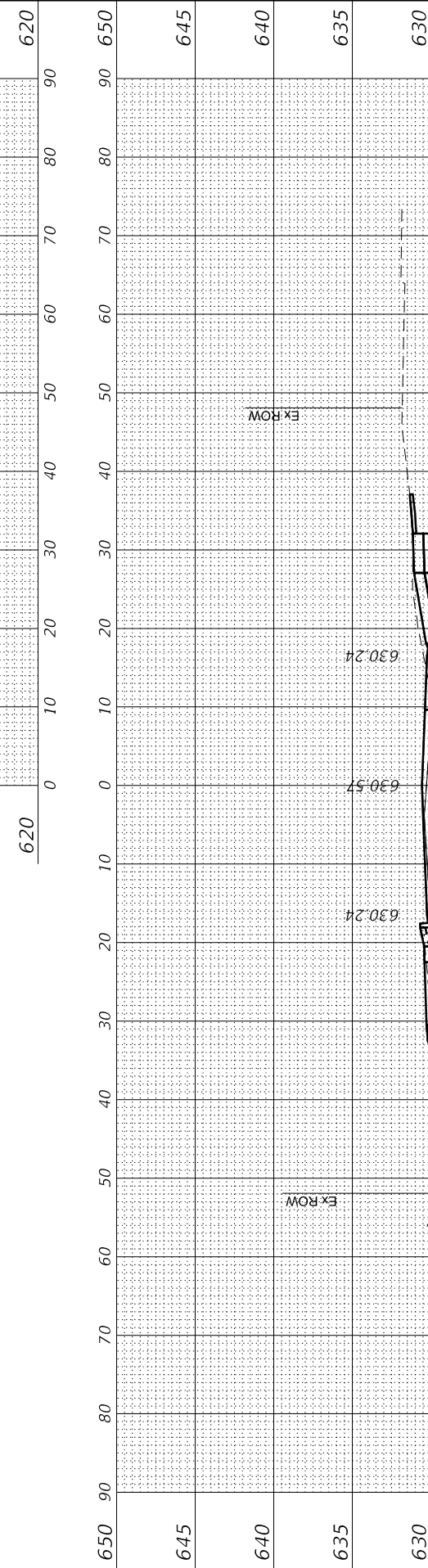
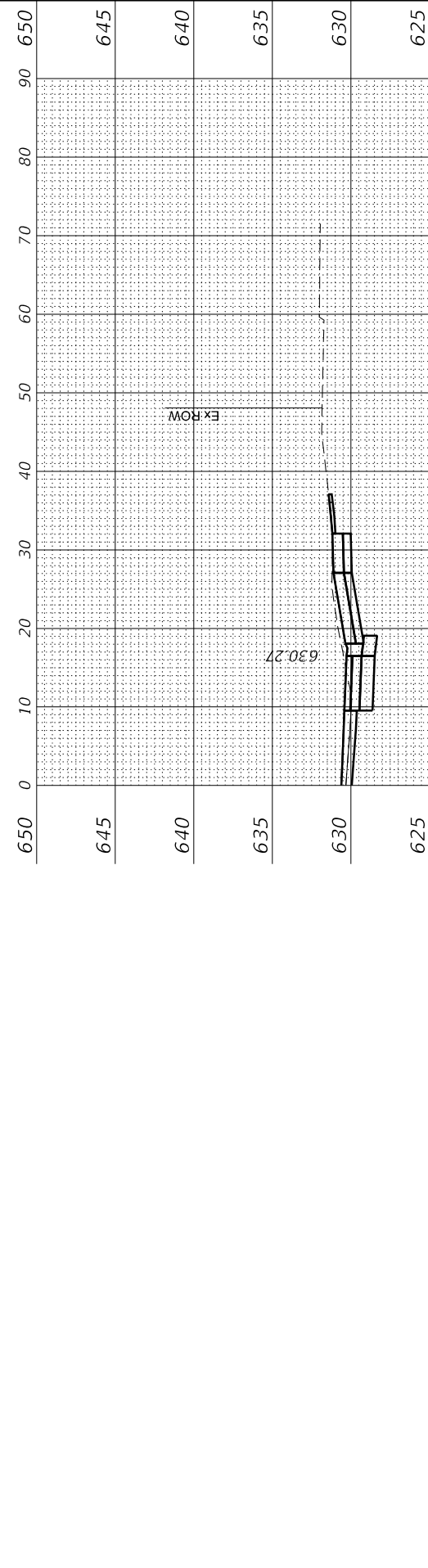
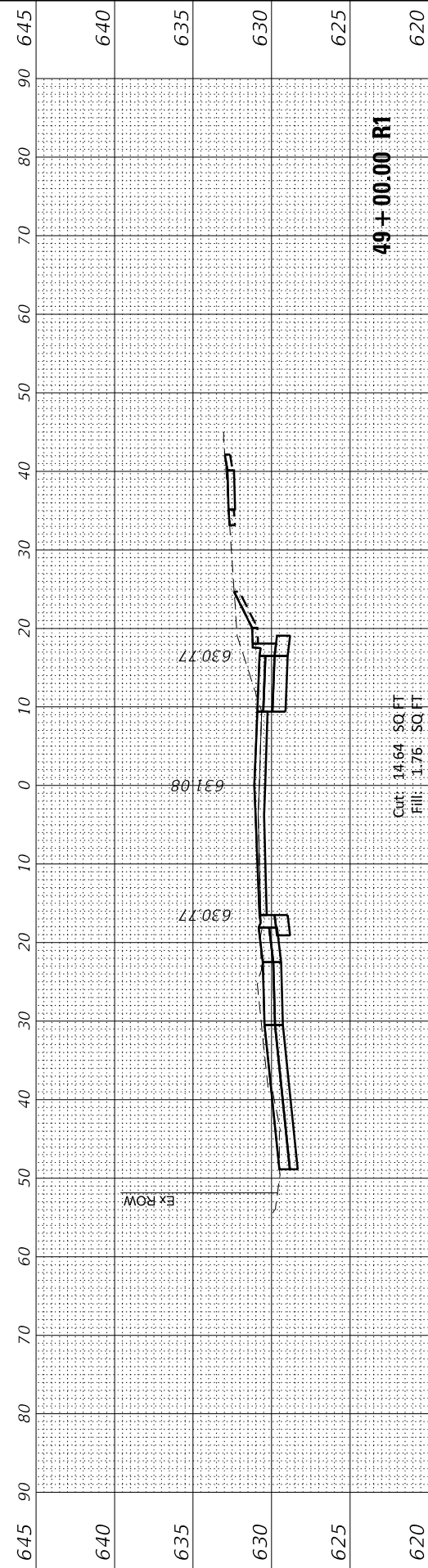
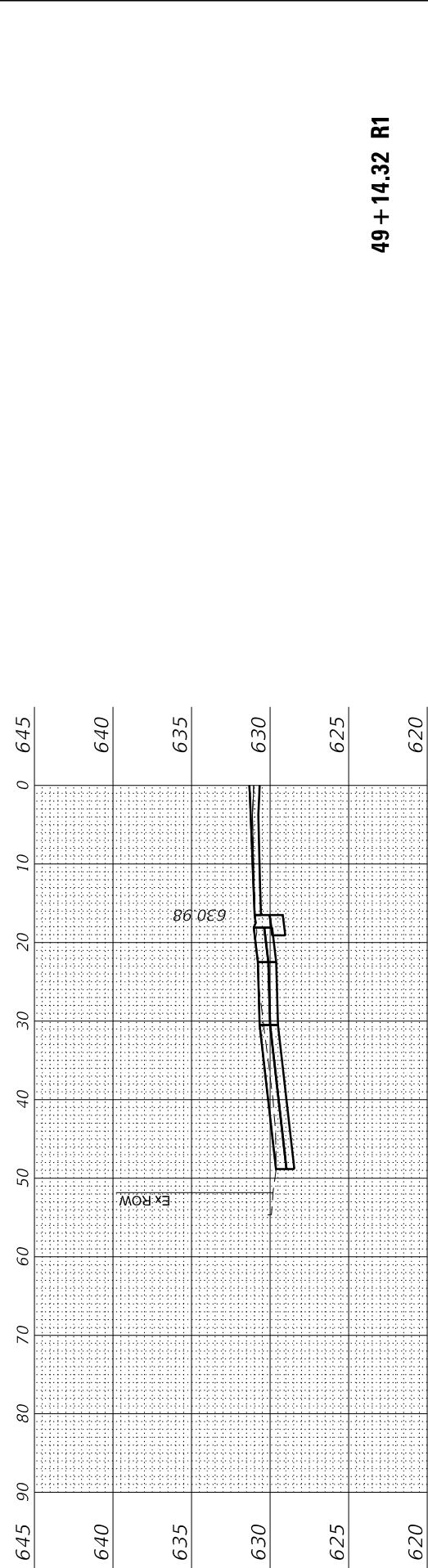
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PLOT SCALE = 20.0000 ' / in.	DRAWN HS	REVISED
PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
CHESTNUT AVENUE**

SCALE: 1"=10' SHEET 18 OF 20 SHEETS STA. 48+50.00 R1 TO STA. 49+14.32 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 148
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

MODEL: Definit
FILE NAME: 132947_sht_05_Chestnut



USER NAME = jmallen2	DESIGNED JA	REVISD
PLOT SCALE = 20.0000 ' / in.	DRAWN HS	REVISD
PLOT DATE = 2/25/2022	CHECKED JA	REVISD
	DATE 2/14/2021	REVISD

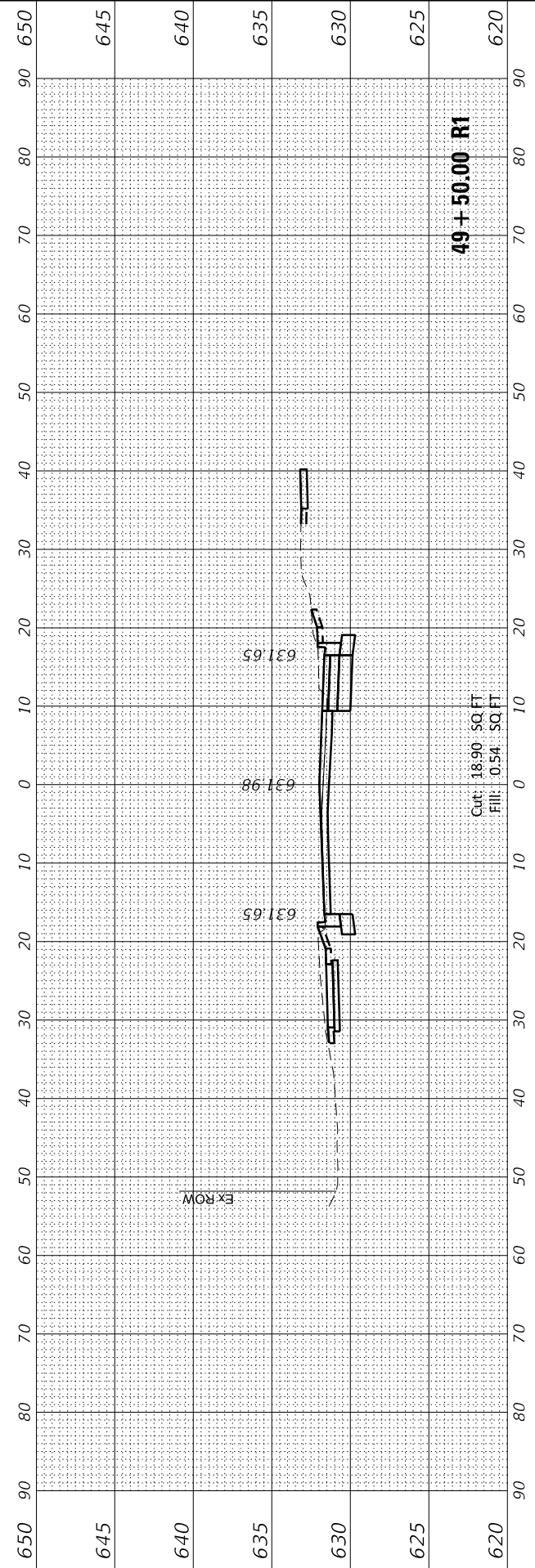
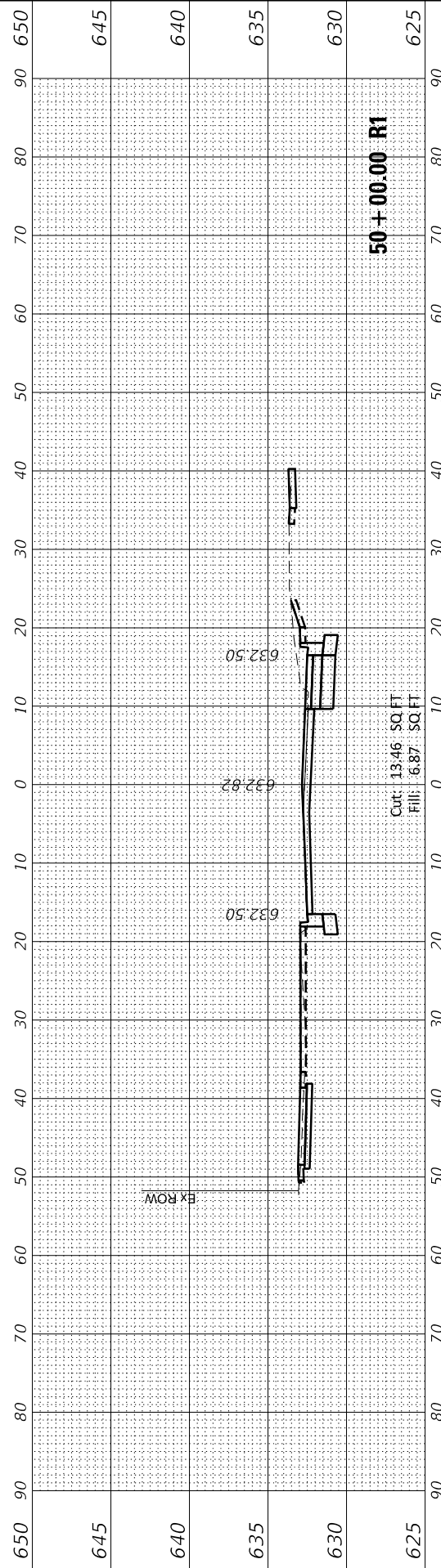
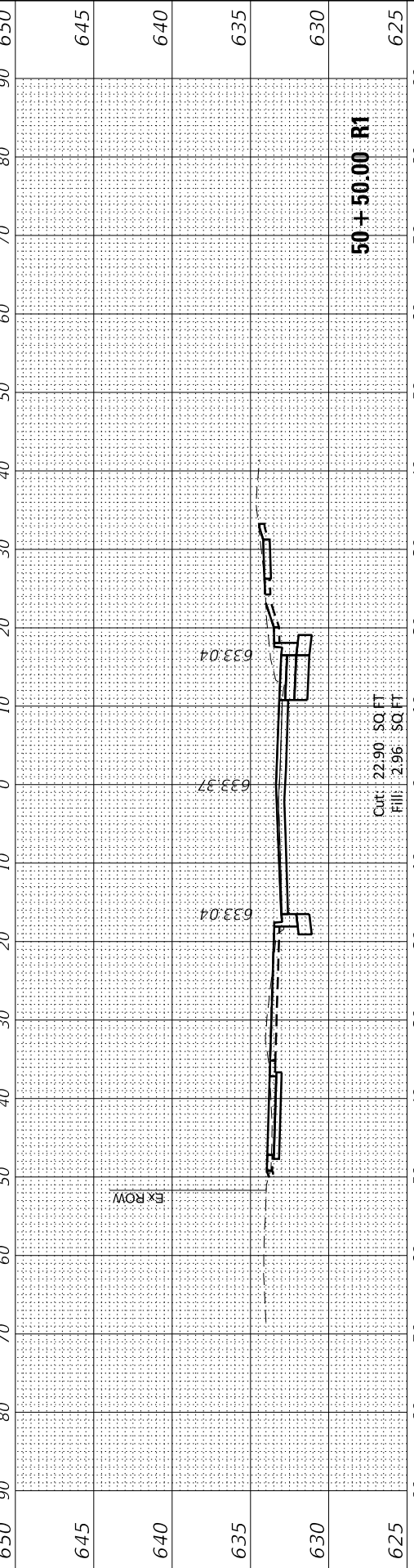
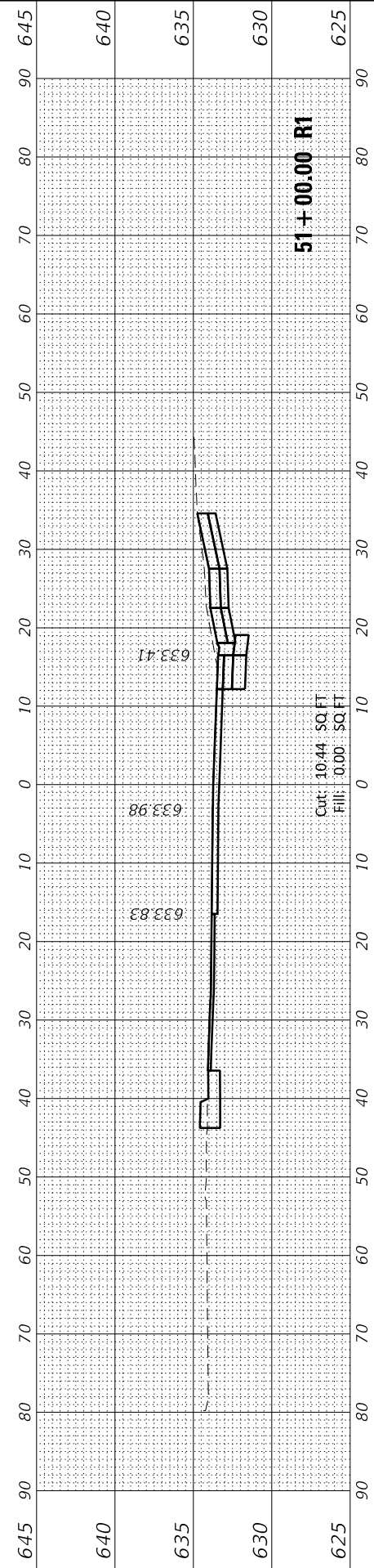
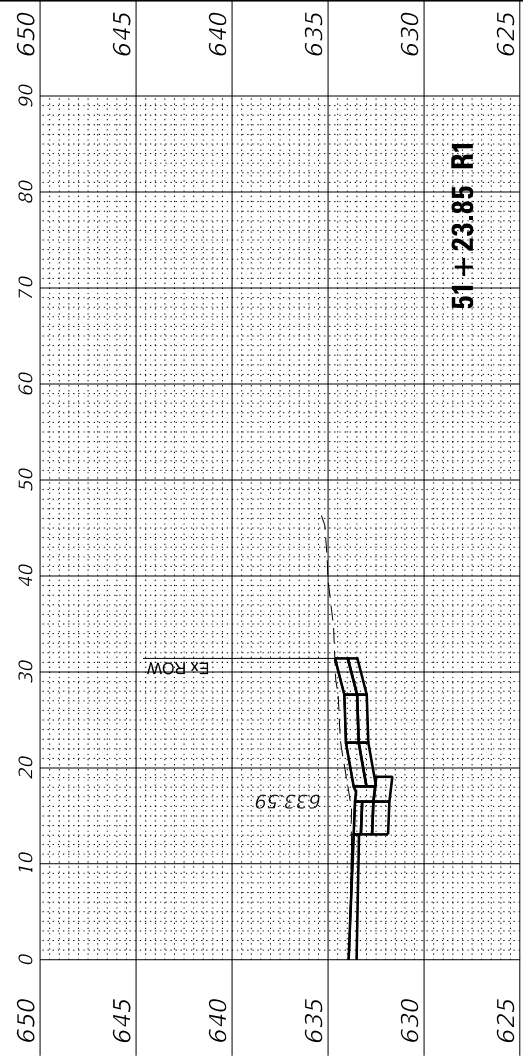
DESIGNED JA	REVISD
DRAWN HS	REVISD
CHECKED JA	REVISD
DATE 2/14/2021	REVISD

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
CHESTNUT AVENUE**

SCALE: 1"=10' SHEET 19 OF 20 SHEETS STA. 49+50.00 R1 TO STA. 51+23.85 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 149
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



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

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

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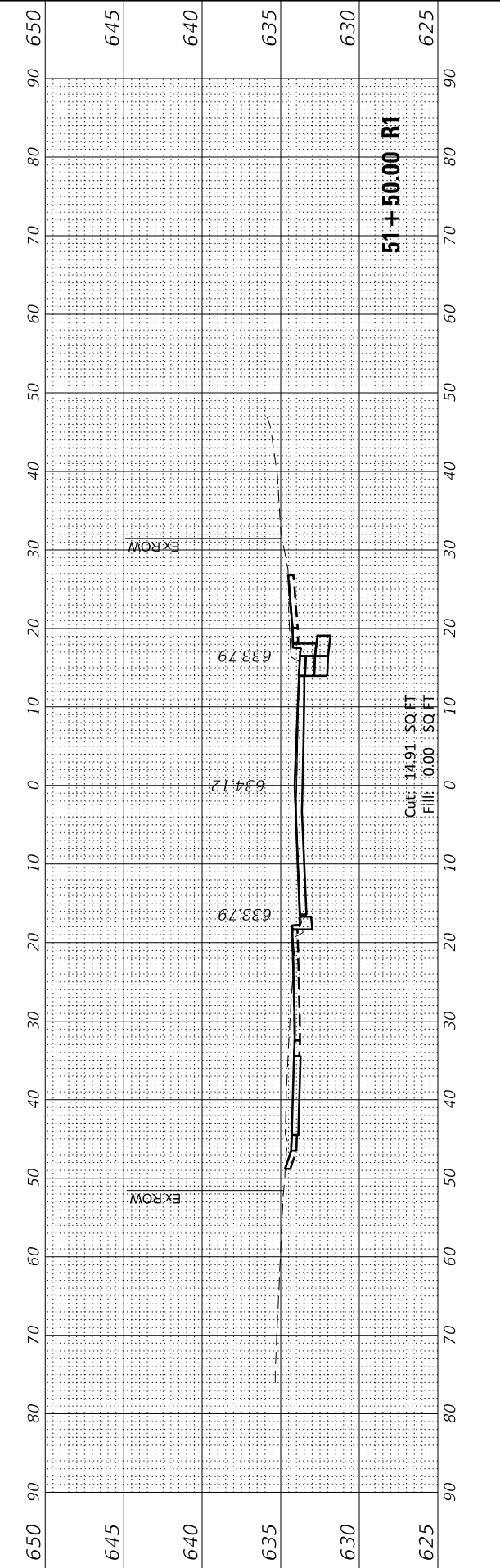
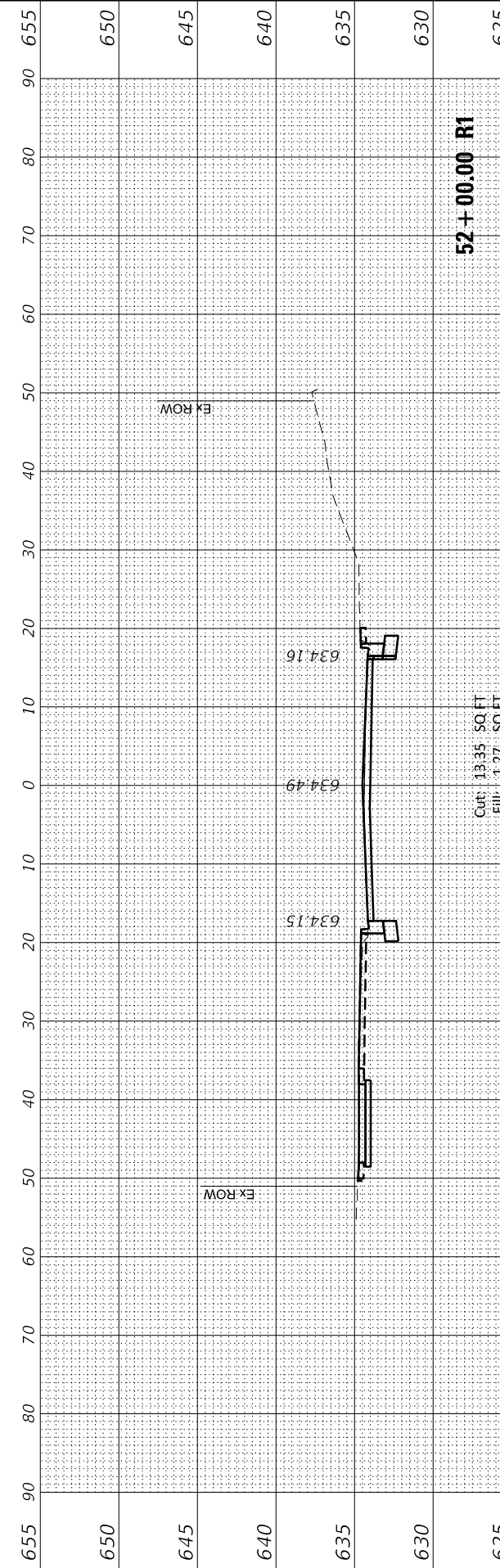
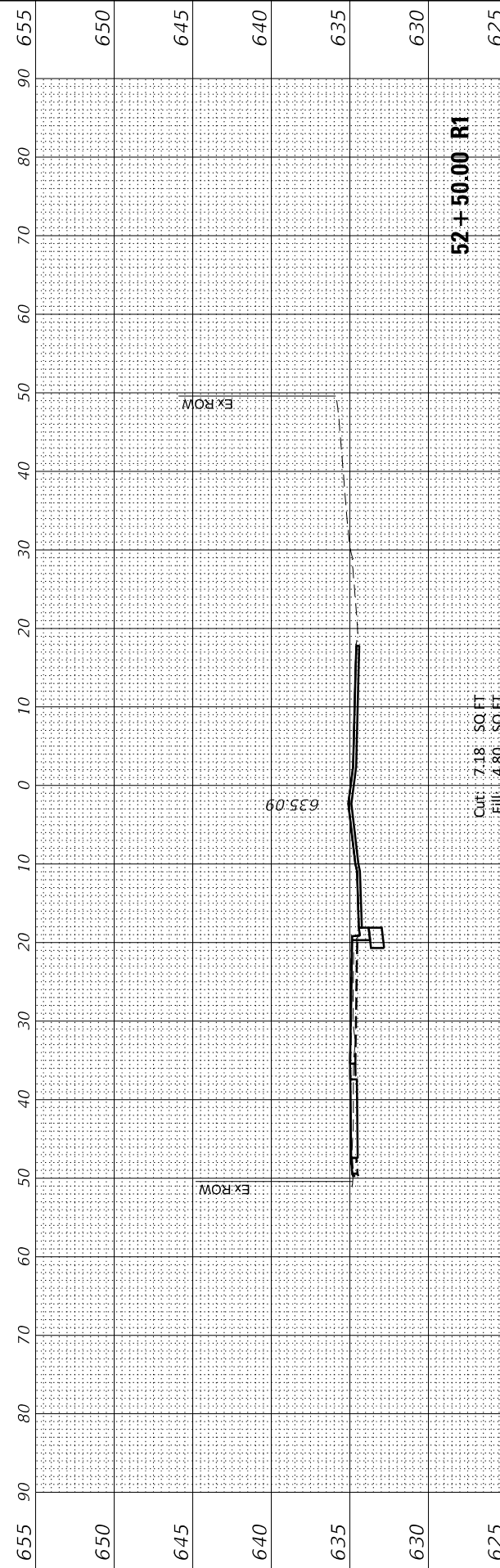
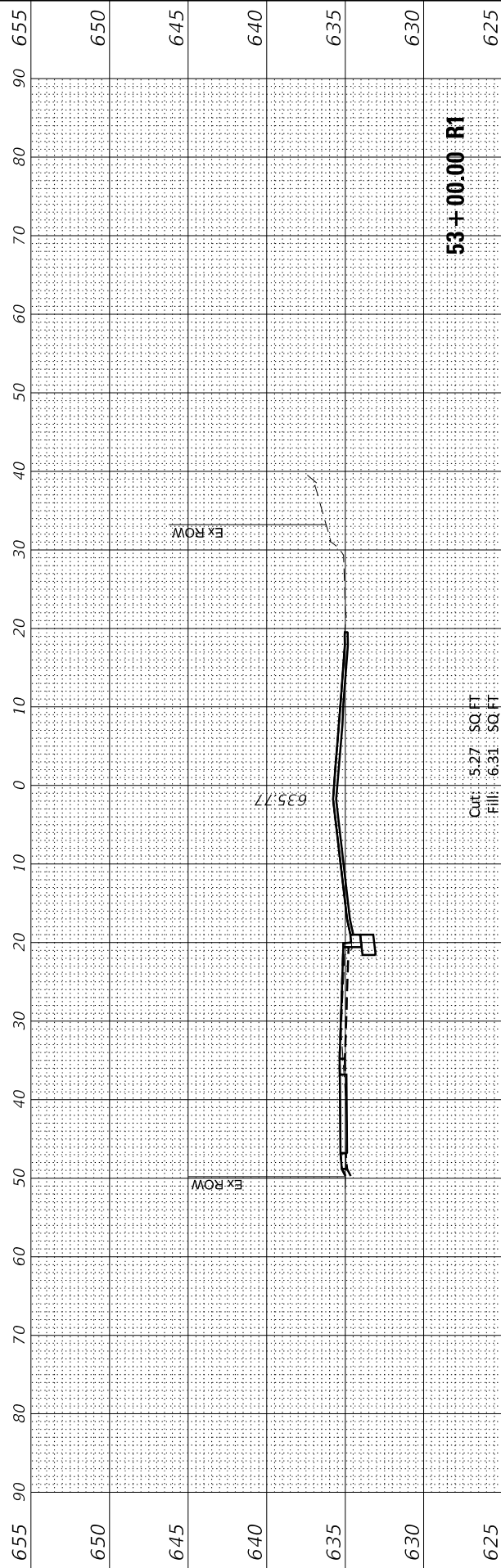
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PLOT DATE = 2/25/2022	CHECKED JA	
	DATE 2/14/2021	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
CHESTNUT AVENUE**

SCALE: 1"=10' SHEET 20 OF 20 SHEETS STA. 51+50.00 R1 TO STA. 53+00.00 R1

F.A.U. RTE. 1352	SECTION 15-00-190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 150
CONTRACT NO. 61H71			ILLINOIS FED. AID PROJECT	



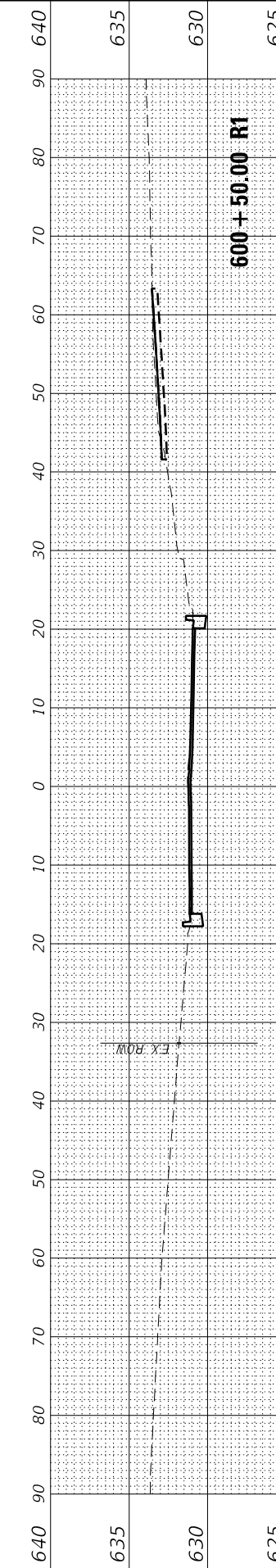
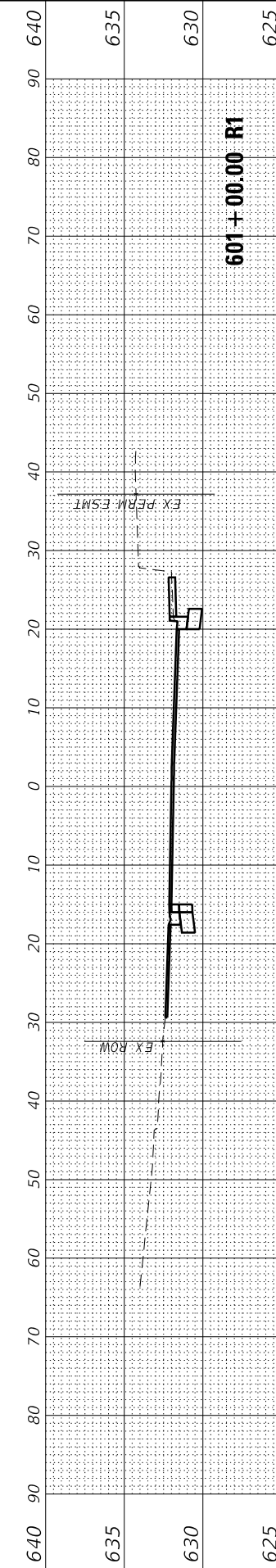
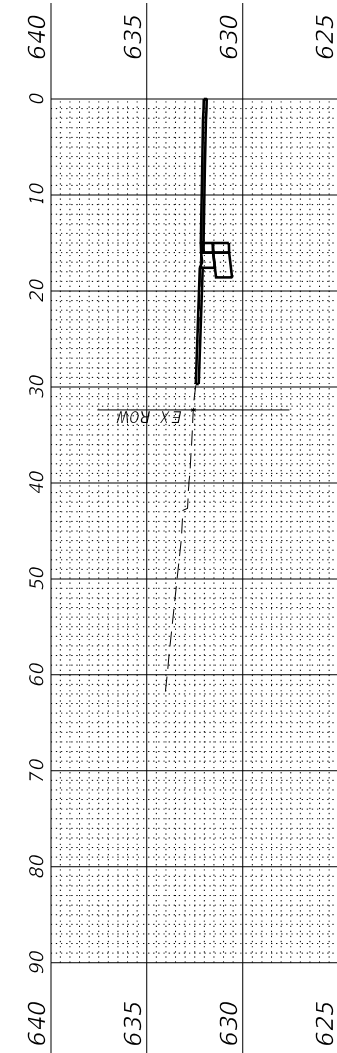
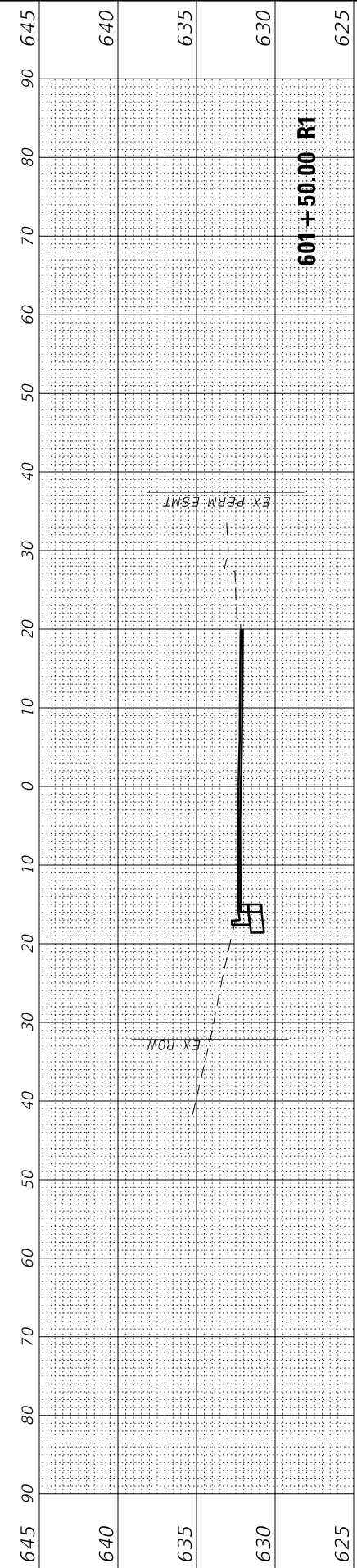
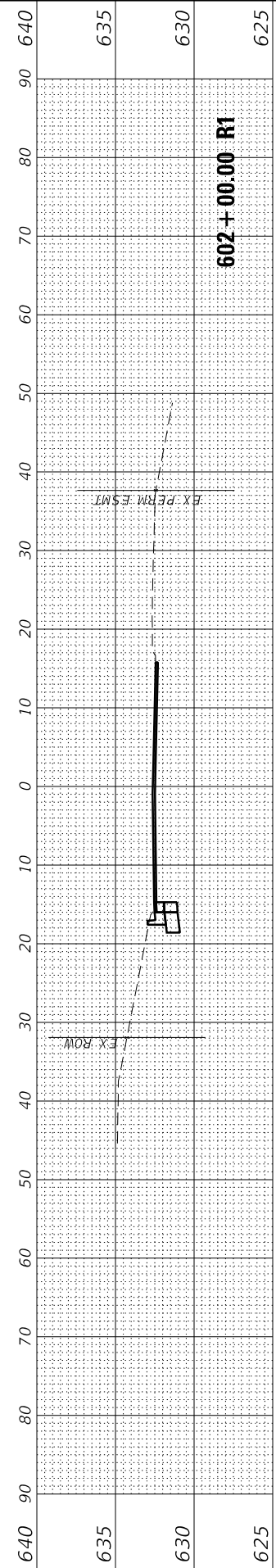
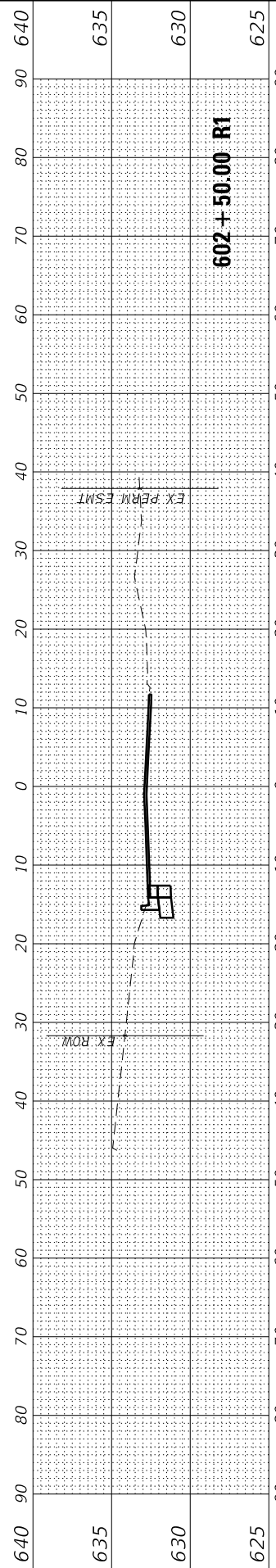
FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

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

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PLOT DATE = 2/25/2022	CHECKED JA	REVISED
	DATE 2/14/2021	REVISED



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
JOHNS DRIVE

SCALE: SHEET OF SHEETS STA. 600+50.00 R1 TO STA. 602+50.00 R1

F.A. RTE. 1352	SECTION 15-00190-00-PV	COUNTY COOK	TOTAL SHEETS 151	SHEET NO. 151
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H71	