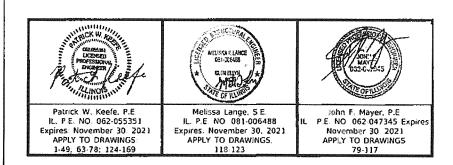
FOR INDEX OF SHEETS 01-21-2022 LETTING ITEM 091 SEE SHEET NO. 2 FOR INDEX OF STATE HIGHWAY STANDARDS SEE SHEET NO. 2

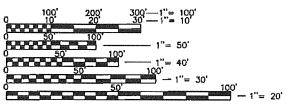
TRAFFIC DATA 87th STREET: POSTED SPEED LIMIT=40 DESIGN SPEED LIMIT=45 2018 ADT EAST 18,520/WEST 24,783 2040 ADT EAST 21000/WEST 29.000

WOODWARD AVE: POSTED SPEED LIMIT=40 DESIGN SPEED LIMIT=45 2016 ADT SOUTH 12,661/NORTH 11,830 2040 ADT SOUTH 19,000/NORTH 18,000

PROJECT LOCATED IN THE VILLAGE OF WOODRIDGE

DESIGN DESIGNATION 87th ST. - MINOR ARTERIAL WOODWARD AVE. - MINOR ARTERIAL (NORTH LEG) MAJOR COLLECTOR (SOUTH LEG)





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

J.U.L.I.E.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

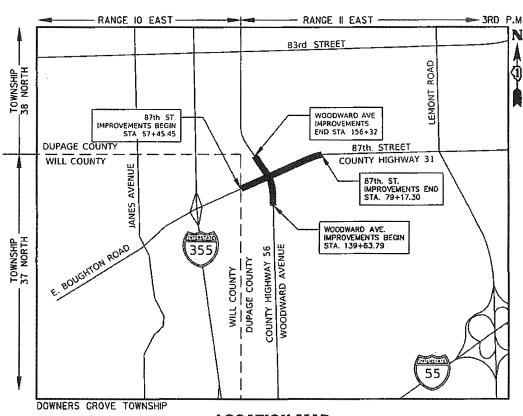
PROJECT MANAGER: BRIAN J. DUSAK PROJECT ENGINEER: PATRICK KEEFE

CONTRACT NO. 61E87

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY FAU ROUTE 3580 (87th STREET) AT WOODWARD AVENUE INTERSECTION IMPROVEMENT SECTION No.: 13-00253-01-CH

PROJECT No.: WU5H (038) **DUPAGE COUNTY**

C-91-436-14

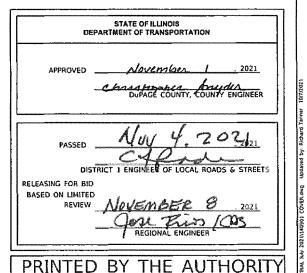


LOCATION MAP

2,172 FT (0.41 MILES) 87th, STREET GROSS LENGTH = 1,668 FT (0.32 MILES) WOODWARD AVE.

3,840 FT (0.73 MILES) NET LENGTH =

COUNTY 13-00253-01-CH DuPage 177 I 3580 CONTRACT MO. SERT CONTACT LOCATION OF SECTION INDICATED THUS: -



OF THE STATE OF ILLINOIS

ENGINEERING 3570.1 WEST AVENUE, SUITE 150 WARRENVILLE, ILLINOIS 80555 PHONE (830) 393-3040 FAX (830) 393-2152

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SUMMARY OF COMMITMENTS

1. MAINTAINING 2-LANES OF TRAFFIC ALONG 87TH STREET THROUGHOUT CONSTRUCTION

ENGINEERING PROGRAMMENT RESOURCE ASSOCIATES

	USER NAME = csedlocko	DESIGNED -	EW	REVISED		04/25/2019
ì		DRAWN —	RT	REVISED	_	08/13/2021
s	PLOT SCALE = \$SCALE\$	CHECKED -	BD	REVISED	-	11/03/2021
	PLOT DATE = 12/15/2021	DATE -	04/25/19	REVISED	_	12/15/2021

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

87	7th STREET AND WOOD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
INDEX	OF DRAWINGS AND ST	3580	13-00253-01-CH	DuPage	177	2	
					CONTRACT	F NO. 6	1E87
CALE: N.T.S.	SHEET NO. 1 OF 1 SHEETS	FED. ROAD	DOIST, NO. ILLINOIS FED. AL	D PROJECT			

GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ("STANDARD SPECIFICATIONS"), ADOPTED JANUARY 1, 2022: THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", JANUARY 1, 2022, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD): "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" 2014 SEVENTH EDITION, THE DETAILS IN THE PLANS. AND THE SPECIAL PROVISIONS AND IDOT STANDARD DRAWINGS INCLUDED IN THE CONTRACT DOCUMENTS.
- 2. ALL LOCAL UTILITY COMPANIES, WOODRIDGE SCHOOL DISTRICT 68 (630-985-7925), WOODRIDGE POLICE (630-719-4740), CITY OF DARIEN (630-852-5000), VILLAGE OF BOLINGBROOK (630-226-8400), AND LISLE-WOODRIDGE FIRE DISTRICT STATION 53 (630-353-3030) SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
- 3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- 4. UNLESS OTHERWISE NOTED IN THE PLANS OR AUTHORIZED BY THE ENGINEER. ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
- 5. DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING
- 6. ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION, SURPLUS MATERIAL FROM SEWER TRENCHES, ETC.) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES.
- 7. REFERENCES TO "THE VILLAGE" SHALL MEAN THE "VILLAGE OF WOODRIDGE, ILLINOIS"

- 1. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS
- 2. THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAYEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
- 3. PAVEMENT GRADES: THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE INDICATED.
- 4. THE CONSTRUCTION BASELINE HAS BEEN ESTABLISHED FOR STAKING PURPOSES ONLY AND IS NOT INTENDED TO BE A CENTERLINE OF RIGHT— OF— WAY.
- 5. ALL ELEVATIONS LISTED IN PLANS ARE BASED ON ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2011)

EROSION CONTROL NOTES

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE VII OF THE DUPAGE COUNTY COUNTYWIDE STORMWATER AND FLOOD PLAIN ORDINANCE, EFFECTIVE MAY 14TH, 2019. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND
- 2. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.
- 3. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE
- 4. 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,
- 5. WHERE WETLANDS ARE TO REMAIN, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF OR STOCKPILED IN WETLANDS.
- 6. STOCKPILES AND MATERIAL STORAGE ARE PROHIBITED IN SPECIAL MANAGEMENT AREAS INCLUDING WETLANDS. WETLAND BUFFERS, AND FLOOD PLAINS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.
 HAY OR STRAW BALES WILL NOT BE ALLOWED AS PERIMETER EROSION BARRIER OR AS A DITCH CHECK.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE
- WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER
- 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.
- 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
- 12. 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.
- 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.
- 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.
- 15. ALL TEMPORARY EKUSION AI STABILIZATION IS ACHIEVED. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL
- THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING ½ INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS.

UTILITIES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS, ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE VILLAGE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS OF THIS CONSTRUCTION SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT RELOCATION OF UTILITY LINES AND SCHEDULE AND SHALL COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY OWNERS SO THAT RESOCION OF UTILITY ENGINEER.

 STRUCTURES MAY PROCEED IN AN ORDERLY MANNER. NOTIFICATION SHALL BE IN WRITING, WITH COPIES TRANSMITTED TO THE ENGINEER.

 3. 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.
- 2. BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC. TELEPHONE, GAS, WATER, SEWER AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
- 3. ALL EXISTING ABANDONED UTILITIES THAT CONFLICT WITH CONSTRUCTION AND ALL AUXILIARY VALVES, FRAMES, GRATES. LIDS AND BOXES REMOVED FROM EXISTING WATER SERVICE OR SEWER STRUCTURES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- 4. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING TRENCH EXCAVATIONS AS WELL ROADWAY EXCAVATION AS SHORING TRENCH WALLS DURING UTILITY OPERATIONS.

STORM & SANITARY SEWER

- I. UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. LOCATIONS OF EXISTING DRAINAGE STRUCTURES AND SEWERS AS SHOWN ON THE PLANS ARE APPROXIMATE, PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS OF EXISTING STRUCTURES WHICH ARE WITHIN THE
- 1A. DURING CONSTRUCTION, IF THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWER, UNDERDRAINS OR FIELD DRAINS WITHIN THE RIGHT- OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS. HE/SHE SHALL SO INFORM THE ENGINEER, WHO SHALD DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING
- 1B. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF THE NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED. SHOULD THE ENGINEER HAVE DIRECTED THE REPLACEMENT OF A FACILITY, THE NECESSARY WORK AND PAYMENT SHALL BE IN ACCORDANCE WITH SECTIONS 550 AND 601, AND ARTICLE 104.02 OF THE STANDARD SPECIFICATIONS
- 2. THE CONTRACTOR SHALL MAINTAIN CONVEYANCE OF ALL FLOW DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE/SHE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE/SHE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE.
- 3. ALL ABANDONED PIPE AND STRUCTURE INVERTS SHALL BE PLUGGED WITH BRICK AND MORTAR TO THE SATISFACTION OF THE ENGINEER.
- 4. ALL SEWER AND WATER SERVICES CROSSED BY NEW STORM SEWERS SHALL BE PROPERLY LOCATED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO SAID SERVICES NOT CONSIDERED TO BE IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR.
- 5. WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED. IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS.
- 6. ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

SIGNING, STRIPING & LANDSCAPING

- 1. THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR.
- 2. ALL EXISTING TRAFFIC SIGNS WHICH INTERFERE WITH THE CONTRACTOR'S WORK SHALL BE REMOVED AND RELOCATED ON A SIGN SUPPORT APPROVED BY, AND AT A LOCATION DETERMINED BY, THE ENGINEER. THESE SIGNS SHALL BE MAINTAINED STRAIGHT AND CLEAN UNTIL THE PERMANENT SIGNS HAVE BEEN INSTALLED.
- 3. RELOCATING THE EXISTING SIGNS AND THE TEMPORARY SIGN SUPPORTS AND THEIR SUBSEQUENT REMOVAL SHALL BE ACCORDANCE WITH ARTICLE 107.25.
- 4. PAVEMENT MARKING PAINT, IF REQUIRED AND AT THE DIRECTION OF THE ENGINEER, SHALL BE APPLIED TO THE FINAL PAVEMENT SURFACE PRIOR TO APPLICATION OF THE PERMANENT PAVEMENT MARKING, IN ACCORDANCE WITH SECTIONS 703 AND 1095 OF THE

PAVING AND CURB & GUTTER

- THE CONTRACTOR SHALL SAW CUT PAVEMENT. CURB & GUTTER, MEDIAN, SIDEWALK, AND DRIVEWAYS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE REQUIRED TO SAW VERTICAL CUTS SO AS TO FORM CLEAN VERTICAL JOINTS. SHOULD THE CONTRACTOR DEFACE ANY EDGE, A NEW SAWED JOINT SHALL BE PROVIDED.
- 2. THE ENGINEER SHALL APPROVE ALL DRIVEWAYS TO BE REMOVED AND THE CONFIGURATION OF ANY DRIVEWAY TO BE RECONSTRUCTED.
- 3. SIDEWALKS AND CURBS SHOULD BE CONSTRUCTED TO ACCOMMODATE SIDE FLARES AT ALL HANDICAP RAMPS, REGARDLESS IF THE PARKWAY IS GRASSED OR PAVED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 4. AT ALL SUPERELEVATED AND SUPERELEVATION TRANSITION PAVEMENT SECTIONS, THE GUTTER FLAG SHALL BE SLOPED IN THE SAME DIRECTION AS THE ADJACENT PAVEMENT.

ROADWAY EXCAVATION

- 1. AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED TO REPLACE SOILS WHICH TEND TO BE UNSTABLE WHEN WET. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE IME OF CONSTRUCTION BY THE ENGINEER. IF UNSUITABLE SOILS ARE ENCOUNTERED THE SOILS SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT. THE REMOVAL AND REPLACEMENT AREA SHALL EXTEND TO 12 INCHES BEYOND THE CURB AND GUTTER AND COME UP AT A 1:1 SLOPE TO EXISTING GROUND SURFACE. THESE LIMITS MAY BE ALTERED BY THE ENGINEER IF FIELD CONDITIONS SO WARRANT
- 2. ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS. THE STREETS SHOULD BE INSPECTED DAILY AND CLEANED WHEN NECESSARY.

TREE REMOVAL, CLEARING AND HEDGE REMOVAL

- 1. ALL LIMBS, BRANCHES AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.
- 2. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.
- 3. COST OF EACH TREE PROTECTION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR TREE TRUNK PROTECTION.

HOT-MIX ASPHALT SURFACE AND HOT-MIX ASPHALT BASE COURSE

- HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, AGGREGATE BASE COURSE, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE APPROVAL OF THE
- 2. SAWCUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS. INCLUDED IN THE COST OF DRIVEWAY PAVEMENT REMOVAL, BIKE PATH REMOVAL, AND SURFACE REMOVAL PAY
- 4. THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS ARE NOMINAL, DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE BINDER OR BASE UPON WHICH THE HOT-MIX ASPHALT MATERIALS ARE PLACED.
- THE CONTRACT ITEMS USED TO CONSTRUCT TEMPORARY PAVEMENT OR ACCESS ROADS SHALL INCLUDE ALL EQUIPMENT, LABOR AND MATERIAL REQUIRED TO PLACE, REMOVE, AND DISPOSE OF THE TEMPORARY PAVEMENT OR ACCESS ROAD.

- 1. ALL EXISTING CULVERTS, STORM SEWERS, OR DRAINAGE STRUCTURES MARKED FOR REMOVAL ON THE PLANS OR DESIGNATED IN THE FIELD BY THE ENGINEER TO BE REMOVED SHALL BE REMOVED AND ANY EXCAVATION SHALL BE BACKFILLED WITH A GRANULAR MATERIAL MEETING THE SPECIFICATIONS FOR FA-1 OR FA-2.
- 2. THE CONTRACTOR WILL HAVE THE OPTION OF REMOVING THE EXISTING HOT-MIX ASPHALT PAVEMENT BY GRINDING OR EXCAVATING. IF THE HOT-MIX ASPHALT PAVEMENT IS REMOVED BY EXCAVATION, IT MAY NOT BE USED IN EMBANKMENT AREAS UNLESS SPECIFICALLY AUTHORIZED BY THE ENGINEER. HOT-MIX ASPHALT PAVEMENT REMOVED BY GRINDING MAY BE USED AS EMBANKMENT MATERIAL. NO HOT-MIX ASPHALT PAVEMENT SHALL BE REMOVED IN AREAS TO BE USED FOR TEMPORARY ROADWAY.
- THE CONTRACTOR SHALL NOT CROSS COMPLETED BASE COURSE OR EXISTING PAVEMENT, NOT SCHEDULED TO BE REMOVED, WITH TRACK EQUIPMENT OR LOADED SCRAPERS.
- 4. ALL EMBANKMENTS AND SUB-GRADE SHALL BE COMPACTED TO THE APPROVAL OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUB-BASE GRANULAR MATERIAL. INCLUDED IN AGGREGATE SUBGRADE IMPROVEMENT, 16"
- 5. ALL EXISTING DOMESTIC BUFFALO BOXES ARE TO BE ADJUSTED BY THE CONTRACTOR.

STORM SEWERS STRUCTURES

- 1. 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 BE RESPONSIBLE FOR DETERMINING 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
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATER MAINS, AND STREET LIGHTS 72 HOURS PRIOR TO PROPOSED WORK ON THEIR FACILITIES.
- THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNERS OF THE
- 4. EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM
- 5. 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.
- ALL ADJUSTMENTS OR RECONSTRUCTIONS SHALL INCLUDE THE REMOVAL AND REPLACEMENT OF ALL UNSUITABLE TWO (2) FOOT INSIDE DIAMETER ADJUSTING RINGS.
- 7. ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE APPROVAL OF THE ENGINEER AND THE AGENCY MAINTAINING THE STRUCTURE INVOLVED
- 8. ALL MANHOLES AND INLETS SHALL HAVE POURED INVERTS.
- 9. TRENCHES CROSSING TRAFFIC LANES MAY BE TEMPORARILY PATCHED WITH NOT LESS THAN FOUR (4) INCHES HMA THE TEMPORARY PATCH SHALL BE MAINTAINED TO THE APPROVAL OF THE ENGINEER UNTIL THE PERMANENT PATCH IS

10. ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE SUBTRICALDERS, SEWERS, OR DITCHES, AS DIRECTED BY THE ENGINEER.

- 1. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- 2. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER.
- 3. UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER.

OVERHANGING LIMBS

- 1. 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
- 2. LIMB PRUNING SHALL BE DONE PER THE PROVISIONS OF ARTICLES 201.05 AND 201.06 OF THE STANDARD SPECIFICATIONS, PERFORMED UNDER THE SUPERVISION OF A CERTIFIED ARBORIST, AND UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.
- 3. ALL CUTS OVER ONE (1) INCH IN DIAMETER SHALL BE MADE AT THE GROWTH RING AT THE NEXT LARGE BRANCH
- 4. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF BY THE CONTRACTOR OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY.

- 1. THE CROSS SECTIONS INDICATE THE FINISHED GRADE OF TOPSOIL
- 2. TOPSOIL SHALL NOT BE STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION; THE LOCATIONS OF TOPSOIL STOCKPILES WITHIN THE RIGHT-OF-WAY MUST BE APPROVED BY THE ENGINEER.

1. WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.

04/25/2019

USER NAME = csedlacko DESIGNED — EW REVISED - 08/13/2021 ENGINEERING DRAWN -RT REVISED - 10/08/2021 REVISED - 11/03/2021 RESOURCE ASSOCIATES PLOT SCALE = \$SCALE\$ CHECKED -BD PLOT DATE = 12/2/202 04/25/19 REVISED - 12/02/2021 DATE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 87th STREET AND WOODWARD AVENUE **GENERAL NOTES**

SHEET NO. 1 OF 1 SHEETS STA.

SCALE: N.T.S.

177 3 13-00253-01-CH DuPage CONTRACT NO. 61E87 FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT

						STP FUI	NDS	:
						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL PROVISON	SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
	+	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	115	115		
		20101000	TEMPORARY FENCE	FOOT	520	520		
	+	20101200	TREE ROOT PRUNING	EACH	15	15		
	+	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10	10		
	+	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	5		
		20200100	EARTH EXCAVATION	CU YD	3270	3243		27
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2260	2260		
		20400800	FURNISHED EXCAVATION	CU YD	100	100		
		20800150	TRENCH BACKFILL	CU YD	1931	1931		
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1500	1500		
		21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	840	813		27
	+	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72	69		3
	+	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72	69		3
	+	25200110	SODDING, SALT TOLERANT	SQ YD	4954	4708		246
	+	25200200	SUPPLEMENTAL WATERING	UNIT	33	33		
DuDOT		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	103	96		7



DESIGNED — CS
DRAWN — RT REVISED - 08/13/2021 REVISED - 08/23/2021 CHECKED — BD

DATE — 04/25/2019 REVISED - 10/08/2021 REVISED - 12/02/2021

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	LEGEND *	PROJECT SPECIF	FIC SPE	CIAL PROVISIONS			
** CONSTRUCTION TYPE CODE (0042) BDE BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS D1 DISTRICT 1 SPECIAL PROVISIONS DUDOT DUPAGE COUNTY SPECIAL PROVISIONS RECUR. SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS							
87th STREET AND WOODWARD AV SUMMARY OF QUANTITIES	F.A.U. RTE. 3580	SECTION 13-00253-01-CH	DuPage	TOTAL SHEETS 177	NO. 4		
SHEET NO. 1 OF 13 SHEETS STA.	TO STA.		FED. RO	AD DIST. NO ILUNOIS FED. AI	CONTRACT D PROJECT	NO. 6	31E87

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						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL	SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
DuDOT		28000400	PERIMETER EROSION BARRIER	FOOT	5014	5014		
		28000510	INLET FILTERS	EACH	50	50		
		28000510	INLET FILTERS	EACIT	30	30		
D1		30300001	AGGREGATE SUBGRADE IMPROVEMENT	CUYD	170	170		
D1		30300116	AGGREGATE SUBGRADE IMPROVEMENT 16"	SQ YD	8137	8137		
m mo=		04404400	OURDAGE COANUL AD MATERIAL TYPE BOIL	SQ YD	2146	2009		137
DuDOT		31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	5Q 1D	2140	2009		107
		35102000	AGGEGATE BASE COURSE, TYPE B 8"	SQ YD	1020	1020		
		35400200	PORTLAND CEMENT BASE COURSE WIDENING, 7"	SQ YD	200	200		
		35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ YD	4370	4370		
		35600704	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	SQ YD	320	320		
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	500	500		
				50,000	0004	0004		
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2264	2264		
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	10710	10710		
			LONGITUDINAL JOINT SEALANT	FOOT	17900	17900		
		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	60	60		
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	480	480		
		40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	3570	3570		
		40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	2780	2780		

* PROJECT SPECIFIC SPECIAL PROVISIONS

** CONSTRUCTION TYPE CODE (0042)

BDE BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS
D1 DISTRICT 1 SPECIAL PROVISIONS
DUDOT DUPAGE COUNTY SPECIAL PROVISIONS
RECUR. SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

ENGINEERING RESOURCE ASSOCIATES

USER NAME = rtanner	DESIGNED —	CS	REVISED	_	08/13/2021	
	DRAWN -	RT	REVISED	_	08/23/2021	
PLOT SCALE = \$SCALE\$	CHECKED -	BD	REVISED	_	10/08/2021	
PLOT DATE = 12/2/2021	DATE -	04/25/2019	REVISED	_	12/02/2021	İ

7th STREET AND WOODWARD AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
SUMMARY OF QUANTITIES	3580	13-00253-01-CH	DuPage	177	5
COMMUNICATION CONTINUES			CONTRAC	T NO. 6	51E87
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					STP FUN	IDS	
					STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL PROVISON SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
	42001300	PROTECTIVE COAT	SQ YD	5265	5265		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	600	600		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	18055	16824		1231
	42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	90	90		
	42400800	DETECTABLE WARNINGS	SQ FT	538	526		12
DuDOT	44000100	PAVEMENT REMOVAL	SQYD	1605	1605		
DuDOT	44000200	DRIVEWAY PAVEMENT REMOVAL	SQYD	1315	1315		
DuDOT	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5795	5790		5
					14933		
DuDOT	44000600	SIDEWALK REMOVAL	SQ FT	14933			
DuDOT	44003100	MEDIAN REMOVAL	SQ FT	8600	8600		
	44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	50	50		
	44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	70	70		
DuDOT +	50900805	PEDESTRIAN RAILING	FOOT	268	268		
DuDOT	52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	3820	3820		
DuDOT	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	859	859		
DuDOT	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	58	58		

BDE D1 DuDOT RECUR.

PROJECT SPECIFIC SPECIAL PROVISIONS
CONSTRUCTION TYPE CODE (0042)
BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS
DISTRICT 1 SPECIAL PROVISIONS
DUPAGE COUNTY SPECIAL PROVISIONS
SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS COUNTY TOTAL SHEET F.A.U.

ENGINEERING
RESOURCE ASSOCIATES
PLOT SCALE - \$SCALE\$
PLOT DATE = 12/2/2021

DESIGNED — CS
DRAWN — RT
CHECKED — BD REVISED - 08/13/2021 REMSED — 08/23/2021 REMSED — 10/08/2021 REMSED — 12/02/2021 DATE - 04/25/2019

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

87	th STREET AND WOOD' SUMMARY OF QUA			
SCALE: N.T.S.	SHEET NO. 3 OF 13 SHEETS	STA.	TO STA.	

RTE.			5	ĽU	HON			COUNTY	SHEETS	NO.
3580)	13-	-00	25	3-01-C	Н		DuPage	177	6
								CONTRACT	NO. E	1E87
FED.	ROAD	DIST.	NO.	_	ILUNOIS	FED.	AID	PROJECT		

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agreement to the statement and						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL	SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
DuDOT		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	45	45		
DuDOT		550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	163	163		
DuDOT		550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	460	460		
		55100500	STORM SEWER REMOVAL 12"	FOOT	280	280		
		55100700	STORM SEWER REMOVAL 15"	FOOT	50	50		
		55101200	STORM SEWER REMOVAL 24"	FOOT	635	635		
*	+	56103300	DUCTILE IRON WATER MAIN 12"	FOOT	400	400		
	+	56300300	ADJUSTING WATER SERVICE LINES	FOOT	100	100		
DuDOT	+	56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1		
DuDOT	+	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1		
DuDOT		60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	1000	1000		
DuDOT		60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	9	9		
DuDOT		60202405	CATCH BASINS, TYPE A, 4'-DIAMETER	EACH	1	1		
DuDOT		60219530	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1		
DuDOT		60224439	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	5	5		
DuDOT		60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1		

* PROJECT SPECIFIC SPECIAL PROVISIONS

** CONSTRUCTION TYPE CODE (0042)

BDE BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS
D1 DISTRICT 1 SPECIAL PROVISIONS
DUDOT DUPAGE COUNTY SPECIAL PROVISIONS
RECUR. SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

DUPAGECO\140901.00 87th St & Woodward Ave A-FINAL July 2021\140901 Summary of ENGINEERING RESOURCE ASSOCIATES

USER NAME = rtanner	DESIGNED -	CS	REVISED	_	08/13/2021
	DRAWN	RT	REVISED	_	08/23/2021
PLOT SCALE = \$SCALE\$	CHECKED -	BD	REVISED	_	10/08/2021
PLOT DATE = 12/2/2021	DATE —	04/25/2019	REVISED	_	12/02/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	87th STREET AND WOOD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	SUMMARY OF QUA	3580	13-00253-01-CH	DuPage	177	7		
	301111111111111111					CONTRAC	T NO. E	51E87
SCALE: N.T.S.	SHEET NO. 4 OF 13 SHEETS	STA.	TO STA.	FED. R	OAD DIST. NO ILLINOIS FED. A	AID PROJECT		

						STP FUI	NDS	
						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL	SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
DuDOT		60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	22	22		
DuDOT		60238800	INLETS, TYPE A	EACH	2	2		
				EACH	2	2		
DuDOT	-	60240327	INLETS, TYPE B, TYPE 23 FRAME AND GRATE	EACH		2		
DuDOT		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	8	8		
DuDOT		60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	3	3		
		60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	22	22		
		60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2		
		60500040	REMOVING MANHOLES	EACH	6	6		
		00300040	INCIMO VINO INFATTOLLO	2,011				
		60500050	REMOVING CATCH BASINS	EACH	5	5		
		60500060	REMOVING INLETS	EACH	862	857		5
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	867	867		
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	5360	5360		
*			HOT-MIX ASPHALT MEDIAN	SQ FT	5200	5200		

		60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	550	550		
	+	64100115	SIGHT SCREEN (WOODEN FENCE), TYPE P 6'	FOOT	311	311		
*	+	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	260	260		

* PROJECT SPECIFIC SPECIAL PROVISIONS

** CONSTRUCTION TYPE CODE (0042)

BDE BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS

D1 DISTRICT 1 SPECIAL PROVISIONS

DUDOT DUPAGE COUNTY SPECIAL PROVISIONS

RECUR. SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

ENGINEERING RESOURCE ASSOCIATES

USER NAME = rtanner	DESIGNED — CS	REVISED - 08/13/2021
	DRAWN — RT	REVISED - 08/23/2021
PLOT SCALE = \$SCALE\$	CHECKED — BD	REVISED - 10/08/2021
PLOT DATE = 12/2/2021	DATE - 04/25/2019	REVISED - 12/02/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 87	87th STREET AND WOODWARD AVENUE SUMMARY OF QUANTITIES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	SUMMARY OF QUA	NTITIES	}		3580	13-00253-01-CH	DuPage	177	8
							CONTRAC	T NO. 6	1E87
SCALE: N.T.S. SHEET NO. 5 OF 13 SHEETS STA. TO STA.					FED. RO.	AD DIST. NO ILLINOIS FED. AI	D PROJECT		

						STP FUI	NDS	
- The Common control of the Common control o						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL	SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
*	+	66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4		
*	+	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1		
*	+	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1		
*	+	66901006	REGULATED SUSTANCES MONITORING	DAYS	3	3		
		67100100	MOBILIZATION CONTRACTOR CONTRACTO	LSUM	1	1		
		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	9	9		
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	8100	8100		
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	8000	8000		
***************************************		70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1914	1914		
		70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	49743	49743		
		70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	7010	7010		
		70300251	TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT	FOOT	2088	2088		
		70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	3341	3341		
		70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	719	719		
D1	+	72000100	SIGN PANEL - TYPE 1	SQ FT	205	205		
	+	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	13	13		

BDE D1 DuDOT RECUR.

ENGINEERING RESOURCE ASSOCIATES

USER NAME = rtonner	DESIGNED -	-	CS	REVISED	_	08/13/2021
	DRAWN -	_	RT	REVISED	_	08/23/2021
PLOT SCALE = \$SCALE\$	CHECKED -	-	BD	REVISED		10/08/2021
PLOT DATE = 12/2/2021	DATE -	_	04/25/2019	REVISED	_	12/02/2021

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

87	87th STREET AND WOODWARD AVENUE								
	3580	1.	3-0025	3-01-					
SCALE: N.T.S.	SHEET NO. 6 OF 13 SHEETS	STA.	TO STA.	FED. I	ROAD DIST	Г. NO	ILLINOIS		

PROJECT SPECIFIC SPECIAL PROVISIONS
CONSTRUCTION TYPE CODE (0042)
BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS
DISTRICT 1 SPECIAL PROVISIONS
DUPAGE COUNTY SPECIAL PROVISIONS
SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS F.A.U.

						STP FUN	IDS	
· way and was a series of the						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL	SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
	+	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3		
	+	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	60	60		
	+	72900100	METAL POST - TYPE A	FOOT	800	800		
	+	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1268.8	1268.8		
	+	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3660	3660		
	+	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3260	3260		
	+	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1020	1020		
	+	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1600	1600		
	+	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	270	270	······································	
		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	350	350		10
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	33900	33900		
D1	+	80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2	2		
D1	+	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA	FOOT	214	214		
D1	+	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA	FOOT	205	205		
D1	+	81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA	FOOT	167	167		
D1	+	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	651	651		

PROJECT SPECIFIC SPECIAL PROVISIONS
CONSTRUCTION TYPE CODE (0042)
BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS
DISTRICT 1 SPECIAL PROVISIONS
DUPAGE COUNTY SPECIAL PROVISIONS
SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS BDE D1 DuDOT RECUR.

COUNTY TOTAL SHEETS NO.

DuPage 177 10

CONTRACT NO. 61E87 F.A.U. RTE. SECTION



	USER NAME = rtanner	DESIGNED -	_	CS	REVISED	_	08/13/2021
i		DRAWN -	-	RT	REVISED	_	08/23/2021
	PLOT SCALE = \$SCALE\$	CHECKED -	_	BD	REVISED	_	10/08/2021
	PLOT DATE == 12/2/2021	DATE -		04/25/2019	REVISED	_	12/02/2021

					STP FUI	NDS		
A plant of the second of the s						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	WLLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL	SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
D1	o)a	81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	20	20		
D1	+	81400100	HANDHOLE	EACH	3	3		
D1	+	81400300	DOUBLE HANDHOLE	EACH	2	2		
	+	81603037	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2392	2392		
	+	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	63	63		
	÷	84200804	REMOVAL OF POLE FOUNDATION	EACH	10	10		
	+	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	10	10		
	+	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1		
	+	86400100	TRANSCIEVER-FIBER OPTIC	EACH	1	1		
DuDOT	+	87300925	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	827	827		
DuDOT	+	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2877	2877		
DuDOT	+	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2821	2821		
DuDOT	+	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4616	4616		
DuDOT	+	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2018	2018		
DuDOT	+	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1113	1113		
DuDOT	+	87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1	1		

* PROJECT SPECIFIC SPECIAL PROVISIONS

** CONSTRUCTION TYPE CODE (0042)

BDE BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS
D1 DISTRICT 1 SPECIAL PROVISIONS
DUDOT DUPAGE COUNTY SPECIAL PROVISIONS
RECUR. SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

VENUE:

| FAU. | SECTION | COUNTY | TOTAL SHEETS | SHEETS

ENGINEERING RESOURCE ASSOCIATES

	USER NAME = rtanner	DESIGNED -	CS	REVISED	_	08/13/2021
•		DRAWN -	RT	REVISED		08/23/2021
S	PLOT SCALE = \$SCALE\$	CHECKED -	BD	REVISED	_	10/08/2021
	PLOT DATE = 12/2/2021	DATE -	04/25/2019	REVISED	_	12/02/2021

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

87	th STREET AND WOOD\ SUMMARY OF QUA	
SCALE: N.T.S.	SHEET NO. 8 OF 13 SHEETS	STA. TO STA.

RTE.	SECT	ΠΟΝ		COUNTY	SHEETS	NO.
3580	13-00253	3-01-CH	Т	DuPage	177	11
			Т	CONTRACT	NO. 6	1E87
FED. RO	DAD DIST. NO	ILLINOIS FED.	AID	PROJECT		

				STP FUI	NDS		
					STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL PROVISON SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
DuDOT +	87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1	1		
DuDOT +	87700170	STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	2	2		
DuDOT +	87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	2	2		
DuDOT +	87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	3	3		
DuDOT +	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4	4		
DuDOT +	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4	4		
DuDOT +	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	40	40		
DuDOT +	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMTER	FOOT	30	30		
DuDOT +	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	84	84		
+	87900200	DRILL EXISTING HANDHOLE	EACH	2	2		
D1 +	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	16	16		
D1 +	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION MAST-ARM MOUNTED	EACH	8	8		
D1 +	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8	8		
D1 +	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	24	24		
D1 +	88700200	LIGHT DETECTOR	EACH	4	4		
D1 +	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1	1		

*
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BDE
D1
DuDOT
RECUR.

PROJECT SPECIFIC SPECIAL PROVISIONS
CONSTRUCTION TYPE CODE (0042)
BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS
DISTRICT 1 SPECIAL PROVISIONS
DUPAGE COUNTY SPECIAL PROVISIONS
SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

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s.dv	ENGINEERING RESOURCE ASSOCIATES	
ijij	DESCRIBCE ASSOCIATES	
õ	MESOUNCE ASSOCIATES	•

	USER NAME = rtanner	DESIGNED -	CS	REVISED	_	08/13/2021
í		DRAWN —	RT	REVISED	_	08/23/2021
	PLOT SCALE == \$SCALE\$	CHECKED —	BD	REVISED	_	10/08/2021
	PLOT DATE = 12/2/2021	DATE -	04/25/2019	REVISED	_	12/02/2021

/*************************************						STP FUI	NDS	S was a series of the series o
79 (27)						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL	SPECIALTY	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
D1	+	89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	LSUM	1	1		
	+	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	4	4		
	+	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1	1		
D1	+	89500400	RELOCATE EXISTING PEDESTRIAN PUSH BUTTON	EACH	1	1		
D1	+	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1	1		
	+	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1	1		
	+	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	16788	16788		
DuDOT	+	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	2		
***************************************	+	89502380	REMOVE EXISTING HANDHOLE	EACH	7	7		
*		Z0004534	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 9"	SQ YD	440	440		
*	+	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
DuDOT		Z0018300	DRAINAGE STRUCTURE REPAIR	EACH	6	6		
DuDOT		Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	7	7		
DuDOT		Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	2	2		
*		Z0022800	FENCE REMOVAL	FOOT	320	320		
D1		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103	103		

* PROJECT SPECIFIC SPECIAL PROVISIONS

** CONSTRUCTION TYPE CODE (0042)

BDE BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS

D1 DISTRICT 1 SPECIAL PROVISIONS

DuDOT DUPAGE COUNTY SPECIAL PROVISIONS

RECUR. SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS COUNTY TOTAL SHEET

ENGINEERING RESOURCE ASSOCIATES

	USER NAME = rtanner	DESIGNED -	-	CS	REVISED	_	08/13/2021
ì		DRAWN -	-	RT	REVISED	_	08/23/2021
5	PLOT SCALE = \$SCALE\$	CHECKED -	-	BD	REVISED	-	10/08/2021
_	PLOT DATE = 12/2/2021	DATE -	-	04/25/2019	REVISED	_	12/02/2021

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

87	th STREE			NARD A' NTITIES	
SCALE: N.T.S.	SHEET NO. 1	0 OF 13	SHEETS	STA.	TO STA.

F.A.U. RTE.			Si	EC	TION			COUNTY	TOTAL SHEETS	SHEET NO.
3580	-00	25.	3-01-0	H		DuPage	177	13		
							T	CONTRACT	NO. 6	1E87
 FED. RO	DAD	DIST.	NO.	_	ILUNOIS	FED.	AID	PROJECT		

STP FAIR COADS STP FAIR STP FAIR COADS STP FAIR STP	-						STP FUN	IDS	
DI							1	FEDERAL 70%,	WOODRIDGE PARTICIPATORY COSTS
DI	SPECIAL	SPECIALTY	CODED PAY ITEMNO.	ITEM	UNIT		CODE 0003 ROADWAY (RECONSTRUCTION	0042 TRAINEES	0003 ROADWAY (RECONSTRUCTION
Dudot 20056608 STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH FOOT 26 26 D1 20052458 TEMPORARY PAVEMENT SQ YD 1416 1416 ****	D1	+	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12	12		
Dudot 20056608 STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH FOOT 26 26 D1 20052458 TEMPORARY PAVEMENT SQ YD 1416 1416 ****	D1	4-	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1	1		
D1 Z0052455 TEMPORARY PAVEMENT SQ YD 1416 1416		,							
* Z0062458 TEMPORARY PAVEMENT (VARIABLE DEPTH) * Z0070150 REMOVE AND RELOCATE EXISTING MONUMENT EACH 1 1 1 D1 + Z0073510 TEMPORARY TRAFFIC SIGNAL TIMING EACH 2 2 2 ***OBE Z0076600 TRAINEES HOUR 1000 1000 ***O1 Z0076604 TRAINEES TRAINING PROGRAM GRADUATE + A2005616 TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2° CALIPER, BALLED AND BURLAPPED * A A2007616 TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 2° CAPIPER, BALLED AND BURLAPPED * A B2001616 TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2° CALIPER, TREE FORM, BALLED AND BURLAPPED * K K0036120 MULCH PLACEMENT 4° SQ YD 60 60 D1 + X0324085 EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C POOT 827 827	DuDOT		Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	F001	26	26		
Z0070150 REMOVE AND RELOCATE EXISTING MONUMENT EACH 1 1 1 1 1 1 1 1 1	D1		Z0062456	TEMPORARY PAVEMENT	SQ YD	1416	1416		
D1 + Z0073510 TEMPORARY TRAFFIC SIGNAL TIMING EACH 2 2 ***OBE	*		Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	430	430		
**DBE	*		Z0070150	REMOVE AND RELOCATE EXISTING MONUMENT	EACH	1	1		
**DBE	D1	1	70073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	2		
**D1 Z0076604 TRAINEES TRAINING PROGRAM GRADUATE HOUR 1000 1000 1000 1000 1000 1000 1000 10								1000	
+ A2005616 TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED + A2007816 TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 2" CAPIPER, BALLED AND BURLAPPED + B2001616 TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED * + K0036120 MULCH PLACEMENT 4" SQYD 60 60 D1 + X0324085 EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C FOOT 2422 2422 D1 + X0324599 ROD AND CLEAN EXISTING CONDUIT	** DBE		Z0076600	TRAINEES	HOUR	1000		1000	
+ A2007816 TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 2" CAPIPER, BALLED AND BURLAPPED + B2001616 TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED * + K0036120 MULCH PLACEMENT 4" SQ YD 60 60 D1 + X0324085 EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C D1 + X0324599 ROD AND CLEAN EXISTING CONDUIT FOOT 827 827	** D1		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000		1000	
+ B2001616 TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED EACH 4 4 * + K0036120 MULCH PLACEMENT 4" SQ YD 60 60 D1 + X0324085 EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C FOOT 2422 2422 D1 + X0324599 ROD AND CLEAN EXISTING CONDUIT FOOT 827 827		+	A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4		
+ B2001616 TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED EACH 4 4 * + K0036120 MULCH PLACEMENT 4" SQ YD 60 60 D1 + X0324085 EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C FOOT 2422 2422 D1 + X0324599 ROD AND CLEAN EXISTING CONDUIT FOOT 827 827		+-	A2007816	TREE, TILIA AMERICANA (AMERICAN LINDEN/BASSWOOD), 2" CAPIPER, BALLED AND BURLAPPED	EACH	4	4		
* + K0036120 MULCH PLACEMENT 4" SQ YD 60 60 D1 + X0324085 EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C FOOT 2422 2422 D1 + X0324599 ROD AND CLEAN EXISTING CONDUIT FOOT 827 827	***************************************					`			
D1 + X0324085 EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C FOOT 2422 2422 D1 + X0324599 ROD AND CLEAN EXISTING CONDUIT FOOT 827 827		+	B2001616	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4		
D1 + X0324599 ROD AND CLEAN EXISTING CONDUIT FOOT 827 827	*	+	K0036120	MULCH PLACEMENT 4"	SQ YD	60	60		
	D1	+	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	2422	2422		
	D1	+	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	827	827		
SP + X0325273 REMOVE AND REINSTALL VIDEO DETECTION CAMERA	SD.		X0325273	REMOVE AND REINSTALL VIDEO DETECTION CAMERA	EACH	1	1		

BDE

D1 DuDOT RECUR.

PROJECT SPECIFIC SPECIAL PROVISIONS
CONSTRUCTION TYPE CODE (0042)
BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS
DISTRICT 1 SPECIAL PROVISIONS
DUPAGE COUNTY SPECIAL PROVISIONS
SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

ENGINEERING RESOURCE ASSOCIATES

	USER NAME = rtanner	DESIGNED	_	CS	REVISED	_	08/13/2021	
ì		DRAWN	_	RT	REVISED		08/23/2021	
•	PLOT SCALE = \$SCALE\$	CHECKED	_	BD	REMSED	_	10/08/2021	ĺ
1	PLOT DATE = 12/2/2021	DATE	_	04/25/2019	REVISED	_	12/02/2021	1

						STP FUI	NDS	
						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL	SPECIALTY ITEM	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
*		X0326806	WASHOUT BASIN	L SUM	1	1		
DuDOT	+	X0326885	VIDEO DETECTION SYSTEM	EACH	1	1		
*		X0327036	BIKE PATH REMOVAL	SQ YD	160	160		
*		X0327576	TEMPORARY PATCHING	SQ YD	170	170		
DuDOT	+	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4	4		
DuDOT	+	X1400238	LUMINAIRE, LED, SPECIAL	EACH	13	13		
				EACH				
D1	+	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.		3	3		
SP	+	X1400424	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	873	873		
*		X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	28100	28100		
*	+	X5610640	PLUG EX WATER MAIN	EACH	2	2		
DuDOT		X6020084	MANHOLE, TYPE A, SPECIAL, 8'-DIAMETER	EACH	1	1		
*		X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	3950	3950		
DuDOT		X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	10	10		
				L SUM	1	1		
D1		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUIVI	l	I		
DuDOT	+	X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	330	330		

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PROJECT SPECIFIC SPECIAL PROVISIONS CONSTRUCTION TYPE CODE (0042) BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS DISTRICT 1 SPECIAL PROVISIONS

D1 DuDOT RECUR.

DUPAGE COUNTY SPECIAL PROVISIONS
SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

RESOURCE ASSOCIATES

PLOT SCALE - \$SCALE\$

PLOT DATE = 12/2/2021

DESIGNED — CS
DRAWN — RT REVISED - 08/13/2021 REVISED - 08/23/2021 CHECKED — BD

DATE — 04/25/2019 REVISED - 10/08/2021 REVISED — 12/02/2021

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 87th STREET AND WOODWARD AVENUE SUMMARY OF QUANTITIES SHEET NO. 12 OF 13 SHEETS STA. TO STA.

SCALE: N.T.S.

COUNTY TOTAL SHEETS NO.

DUPage 177 15

CONTRACT NO. 61E87 SECTION 3580 13-00253-01-CH FED. ROAD DIST. NO. __ ILLINOIS FED. AID PROJECT

						STP FUN	NDS	
						STP FUND FEDERAL 70%, LOCAL 30%	STP FUND FEDERAL 70%, LOCAL 30%	VILLAGE OF WOODRIDGE PARTICIPATORY COSTS 100%
SPECIAL PROVISON SPECIALTY	Mati C	CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)	0042 TRAINEES	CONSTRUCTION CODE 0003 ROADWAY (RECONSTRUCTION CAPACITY ADDED)
SP .	+ >	X8100105	CONDUIT SPLICE	EACH	1	1		
SP -	+ >	X8100863	INTERCEPT EXISTING CONDUIT	EACH	1	1		
SP -	+ >	X8440102	RELOCATE EXISTING LUMINAIRE	EACH	1	1		
DuDOT -	+ >	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	1		
D1 -	+ >	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1	1		
DuDOT/SP -	+ >	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO.62.5/125, MM12F, SM24F	FOOT	826.5	826.5		
DuDOT -	+ >	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8	8		
DuDOT +	- >	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12	12		
SP -	+ >	X8900100	 TEMPORARYTRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1	1		
	' /	7,0000100	TEM COUNTY TO COME INCOME INCOME.	2,011		•		
SP -	+ >	X8950077	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1	1		
DuDOT	>	XX003338	TEST HOLE	EACH	10	10		
* -	- >	XX004731	CONNECT TO EXISTING WATER MAIN	EACH	2	2		
DuDOT		XX007834	SAG FRAME AND LID	EACH	3	3		
Dubot		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	DOUGH I MANIE WAS EID	LACII	<u> </u>			

PROJECT SPECIFIC SPECIAL PROVISIONS CONSTRUCTION TYPE CODE (0042) BUREAU OF DESIGN AND ENVIRONMENT SPECIAL PROVISIONS BDE

D1 DuDOT RECUR.

DISTRICT 1 SPECIAL PROVISIONS

DUPAGE COUNTY SPECIAL PROVISIONS

SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

ENGINEERING
RESOURCE ASSOCIATES
PLOT SCALE - \$SCALE\$

DESIGNED — CS
DRAWN — RT REVISED - 08/13/2021 REVISED - 08/23/2021 USER NAME = rtonner CHECKED - BD REVISED - 10/08/2021 PLOT DATE = 12/2/2021 DATE - 04/25/2019 REVISED - 12/02/2021

STATE OF ILLINOIS

87th STREET AND WOODWARD AVENUE SUMMARY OF QUANTITIES SHEET NO. 13 OF 13 SHEETS STA. TO STA.

SCALE: N.T.S.

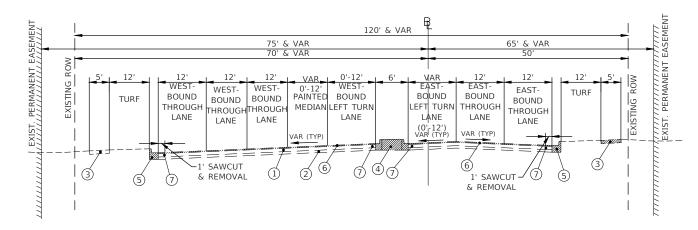
COUNTY TOTAL SHEETS NO.

DUPage 177 16

CONTRACT NO. 61E87 F.A.U. SECTION RTE. 3580 13-00253-01-CH FED. ROAD DIST. NO. _ ILLUNOIS FED. AID PROJECT

DEPARTMENT OF TRANSPORTATION

87TH STREET-EXISTING TYPICAL SECTION STA. 59+45.45 TO STA. 61+17

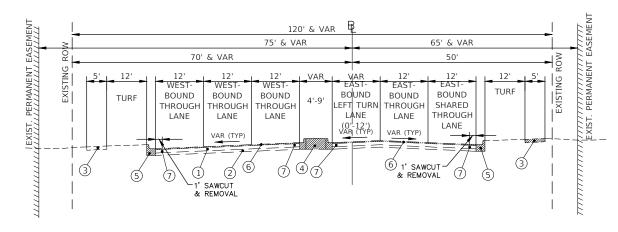


87TH STREET-EXISTING TYPICAL SECTION STA. 61+17 TO STA. 63+40

- NOTE:

 1. SEE REMOVAL PLANS FOR STATION LIMITS OF REMOVAL.
- CROSS-SLOPE CORRECTION FOR 87TH STREET: MILLING OPERATIONS FOR HOT-MIX ASPHALT REMOVAL SHALL BE 2.5". FINAL WEARING SURFACE CROSS-SLOPE GRADES ARE PROVIDED ON PLAN AND PROFILE SHEETS.

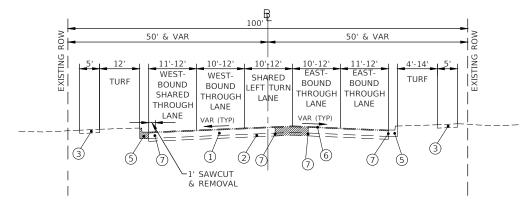




87TH STREET-EXISTING TYPICAL SECTION STA. 63+40 TO STA. 65+37

87TH STREET

WOODWARD AVENUE INTERSECTION STA. 65+00 TO STA. 67+50 (SEE EXISTING CONDITIONS AND REMOVAL SHEET FOR CONFIGURATION)



87TH STREET-EXISTING TYPICAL SECTION STA. 67+64 TO STA. 79+17.30

EXISTING TYPICAL SECTION LEGEND

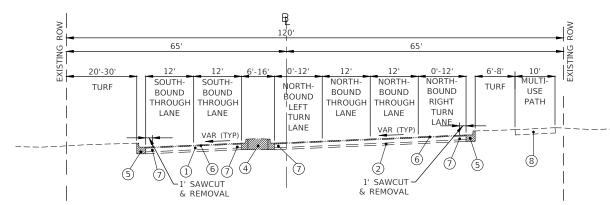
- ① EXISTING HOT MIX ASPHALT PAVEMENT, DEPTH VARIES FROM 11" TO 14" (SEE ROADWAY GEOTECHNICAL REPORT PREPARED BY RUBINO ENGINEERING, INC. PREPARED JANUARY 2017)
- 2) EXISTING GRANULAR SUB-BASE, DEPTH VARIES FROM 4" TO 5" (SEE ROADWAY GEOTECHNICAL REPORT PREPARED BY RUBINO ENGINEERING, INC. PREPARED JANUARY 2017)
- 3 EXISTING P.C.C. SIDEWALK
- 4 EXISTING P.C.C. MEDIAN
- EXISTING P.C.C. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- FULL-DEPTH SAW CUT AND REMOVAL (INCLUDED IN THE
- COST OF THE ITEM BEING REMOVED)
- HOT-MIX ASPHALT MULTI-USE PATH



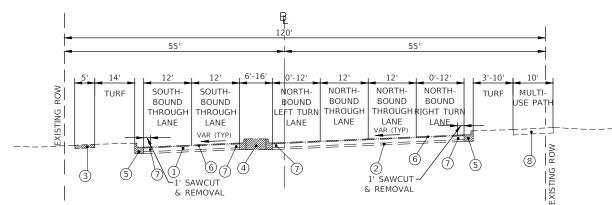
USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	11/03/2021
	DRAWN	-	RT	REVISED	-	12/02/2021
PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	08/23/2021
PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	10/08/2021

	87th. STREET EXISTING TYPICAL SECTIONS			F.A.U. SECTION			TOTAL	SHEET NO.
				13-00253-01-CH		DuPage	177	17
					CONTRAC	T NO.	6IE87	
	SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS	STA, 58+78 TO STA, 79+17.30	FED. RO	DAD DIST. NO ILLINOIS	FED. AI	D PROJECT		

WOODWARD AVE.-EXISTING TYPICAL SECTION STA. 142+51 TO STA. 145+66



WOODWARD AVE.-EXISTING TYPICAL SECTION STA. 145+66 TO STA. 147+09.64



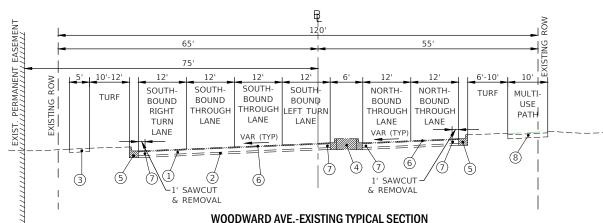
WOODWARD AVE.-EXISTING TYPICAL SECTION STA. 147+09.64 TO STA. 149+45

EXISTING TYPICAL SECTION LEGEND

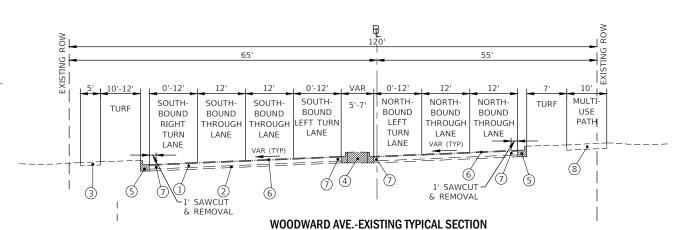
- ① EXISTING HOT MIX ASPHALT PAVEMENT, DEPTH VARIES FROM 11" TO 14" (SEE ROADWAY GEOTECHNICAL REPORT PREPARED BY RUBINO ENGINEERING, INC. PREPARED JANUARY 2017)
- 2 EXISTING GRANULAR SUB-BASE, DEPTH VARIES FROM 4" TO 5" (SEE ROADWAY GEOTECHNICAL REPORT PREPARED BY RUBINO ENGINEERING, INC. PREPARED JANUARY 2017)
- (3) EXISTING P.C.C. SIDEWALK
- (4) EXISTING H.M.A. MEDIAN
- (5) EXISTING P.C.C. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- 6 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- TULL-DEPTH SAW CUT AND REMOVAL (INCLUDED IN THE COST OF THE ITEM BEING REMOVED)
- 8 HOT-MIX ASPHALT MULTI-USE PATH

- 1. SEE REMOVAL PLANS FOR STATION LIMITS OF
- CROSS-SLOPE CORRECTION FOR 87TH STREET: MILLING OPERATIONS FOR HOT-MIX ASPHALT REMOVAL SHALL BE 2.5". FINAL WEARING SURFACE CROSS-SLOPE GRADES ARE PROVIDED ON PLAN AND PROFILE SHEETS.

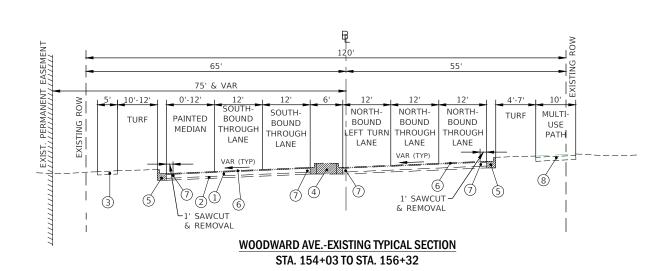
REMOVAL ITEMS



WOODWARD AVE.-EXISTING TYPICAL SECTION STA. 150+55 TO STA. 152+57



STA. 152+57 TO STA. 154+03



SCALE: N.T.S.

ENGINEERING RESOURCE ASSOCIATES, INC.

USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	12/02/2021
	DRAWN	-	RT	REVISED	-	08/13/2021
PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	08/23/2021
PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	11/03/2021

WOODWARD AVENUE EXISTING TYPICAL SECTIONS		F.A.U. RTE.	SEC.	TION		COUNTY	TOTAL SHEETS	SHEET NO.
		3580	I3-00253-0I-CH		DuPage	177	18	
2,401111011110112						CONTRAC	T NO.	6IE87
ET NO. 2 OF 2 SHEETS	STA. 58+78 TO STA. 79+17.30	FED, RO	DAD DIST. NO	ILLINOIS	FED. A	D PROJECT		

87TH STREET-PROPOSED TYPICAL SECTION

STA. 59+45.45 TO STA. 61+07.0

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OMP

R1030-2

IR1030-2

AIR VOIDS @ Ndes

4% @ 90 Gvr.

4% @ 70 Gyr.

4% @ 70 Gyr.

PROPOSED TYPICAL SECTION LEGEND

- PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED, GUTTER FLAG THICKNESS = 12")
- PROPOSED COMBINATION CONCRETE CURB & GUTTER, (SPECIAL) (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED, GUTTER FLAG THICKNESS = 12")
- (3) PROPOSED HMA MEDIAN (NON-MOUNTABLE) * 4.5" (SEE DETAIL ON SHEET 134)
- PROPOSED AGGREGATE SUB-GRADE IMPROVEMENTS, 16"
- PROPOSED P.C.C. SIDEWALK 5" (AT LOCATIONS INDICATED ON PLANS)
- PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 2"
- (7) TOPSOIL EXCAVATION AND PLACEMENT, 6"
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 1-3/4"
- HOT MIX ASPHALT BINDER COURSE, IL-19.0, N90 2-1/4"

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL-9.5MM

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC) PER LR 1030-2

HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19.0),

- *10 HOT-MIX ASPHALT BASE COURSE, 7"
- (11) PROPOSED RETAINING WALL
- **12 PROPOSED PIPE UNDERDRAINS, 4"

HOT MIX ASPHALT BINDER COURSE, IL-19.0, N90

HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0).

- FOR WIDENING OF 0'-3', USE PCC WIDENING, 7" ADJACENT TO THE OUTSIDE TRAVEL LINE. FOR MORE THAN 3' AND LESS THAN 6' OF WIDENING, USE HMA WIDENING, 7".
- ** UNDERDRAINS SHALL BE PLACED AT LOW AREAS AND AT THE BASE OF UNDERCUT AREAS AS DIRECTED BY THE ENGINEER

HMA DRIVEWAY PAVEMENT 9"

PAY ITEM DESCRIPTION	AIR VOIDS @ Ndes	QMP
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5MM), 1.5"	4% @ 50 Gyr.	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50, 1.5"	4% @ 50 Gyr.	LR1030-2
HOT-MIX ASPHALT BASE COURSE, 6" (HMA BINDER IL-19.0)	4% @ 50 Gyr.	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC) PER LR 1030-2		

CLASS D PATCHES TYPE I & II 11"

PAY ITEM DESCRIPTION	AIR VOIDS @ Ndes	QMP
CLASS D PATCHES (HMA BINDER IL-19.0), 11"	4% @ 70 Gyr.	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC) PER LR 1030-2		

TEMPORARY PAVEMENT

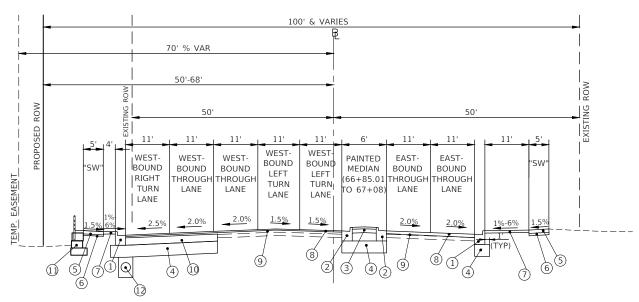
PAY ITEM DESCRIPTION	AIR VOIDS @ Ndes	QMP
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 Gyr.	LR1030-2
OMP DESIGNATION: OLIALITY CONTROL/OLIALITY ASSURANCE (OA/OC) PER LR 1030-2		

TEMPORARY PATCHING

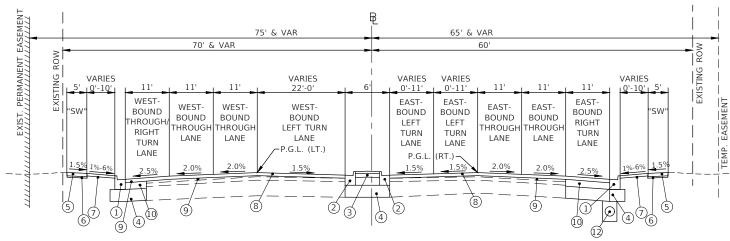
PAY ITEM DESCRIPTION	AIR VOIDS @ Ndes	QMP
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 Gyr.	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC) PER LR 1030-2		

87TH STREET PROPOSED TYPICAL SECTION

PROPOSED TYPICAL SECTION WOODWARD AVENUE INTERSECTION STA. 65+00 TO STA. 67+50 (SEE EXISTING CONDITIONS AND REMOVAL SHEET FOR CONFIGURATION)



87TH STREET-PROPOSED TYPICAL SECTION STA, 67+50 TO STA, 68+70,30



87TH STREET-PROPOSED TYPICAL SECTION

STA. 61+07.0 TO STA. 65+00.0

TEMPORARY PAVEMENT (VARIABLE DEPTH)

	PAY ITEM DESCRIPTION	AIR VOIDS @ Ndes	QMP
1	HOT-MIX ASPHALT SURFACE COURSE, IL-19.50, N50	4% @ 50 Gyr.	LR1030-2
1	OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC) PER LR 1030-2		

HMA MEDIAN 4.5"

PAY ITEM DESCRIPTION

PAY ITEM DESCRIPTION	AIR VOIDS @ Ndes	QMP
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5MM), 1.5"	4% @ 50 Gyr.	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0), N50, 3"	4% @ 50 Gyr.	LR1030-2
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC) PER LR 1030-2	•	

RESURFACING

PAY ITEM DESCRIPTION	AIR VOIDS @ Ndes	QMP
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 IL-9.5 mm	4% @ 70 Gyr.	LR1030-2
HOT MIX ASPHALT BINDER COURSE, IL-19.0, N90	4% @ 90 Gyr.	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC) PER LR 1030-2		

LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER BINDER COURSE AT LOCATIONS OF LANE LINES AND ALL LONGITUDINAL

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD-IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA 4-22" UNLESS MODIFIED BY DISTRICT ONE RECLAIMED MATERIAL SPECIFICATIONS.

F	THE "AC	TYPE"	SHALL	BE "PG	64
۶		ENGIN	EERIN	G	
APD		RESOL	JRCE		
2		ASSO	CIATES	, INC.	
esig		ONSULTIN		ERS, SCIEN	TISTS

USER NAME = rtanner	DESIGNED	_	PK	REVISED	_	11/03/2021
	DRAWN	_	RT	REVISED	_	12/02/2021
PLOT SCALE = \$SCALE\$	CHECKED	_	BD	REVISED	_	12/07/2021
PLOT DATE = 12/7/2021	DATE	_	04/25/19	REVISED	_	10/08/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

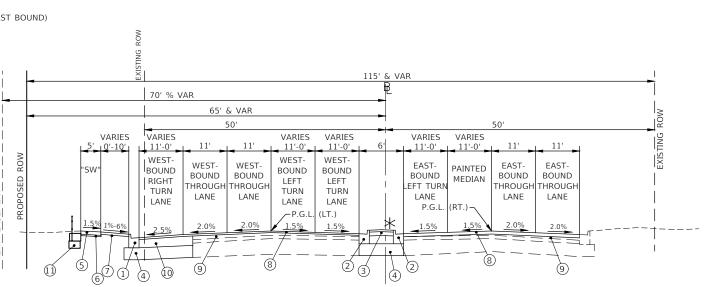
87th. STREET PROPOSED TYPICAL SECTIONS				SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
				13-00253-01-CH	DuPage	177	19
					CONTRAC	T NO. 6	51E87
	SHEET NO. 1 OF 4 SHEETS	STA. 58+78 TO STA. 79+17.30	FED. R	DAD DIST. NO ILLINOIS FED. A	AID PROJECT		

87TH STREET-PROPOSED TYPICAL SECTION STA. 72+10.00 TO STA. 76+22.95

* SUPERELEVATION TRANSITION FROM NORMAL CROWN AT STA. 72+10.00 TO MATCH EXISTING CROSS SLOPE AT STA. 73+50.00

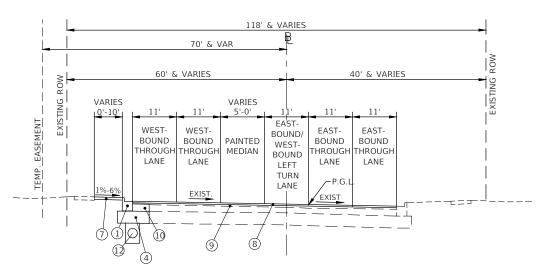
** MATCH EXISTING SUPERELEVATION STARTING AT STA. 74+00.00 (EAST BOUND)

FOR SUPERELEVATION TRANSITION DETAIL, SEE SHEET 17.



PROPOSED TYPICAL SECTION LEGEND

- $\ensuremath{\bigcirc}$ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED, GUTTER FLAG THICKNESS = 12")
- PROPOSED COMBINATION CONCRETE CURB & GUTTER, (SPECIAL) (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED, GUTTER FLAG THICKNESS = 12")
- 3 PROPOSED HMA MEDIAN (NON-MOUNTABLE) * 4.5" (SEE DETAIL ON SHEET 134)
- PROPOSED AGGREGATE SUB-GRADE IMPROVEMENTS, 16"
- PROPOSED P.C.C. SIDEWALK 5" (AT LOCATIONS INDICATED ON PLANS)
- PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 2"
- TOPSOIL EXCAVATION AND PLACEMENT, 6"
- POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 1-3/4"
- HOT MIX ASPHALT BINDER COURSE, IL-19.0, N90 2-1/4"
- *10 HOT-MIX ASPHALT BASE COURSE, 7"
- PROPOSED RETAINING WALL
- **12 PROPOSED PIPE UNDERDRAINS, 4"
 - FOR WIDENING OF 0'-3', USE PCC WIDENING, 7" ADJACENT TO THE OUTSIDE TRAVEL LINE. FOR MORE THAN 3' AND LESS THAN 6' OF WIDENING, USE HMA WIDENING, 7".
- UNDERDRAINS SHALL BE PLACED AT LOW AREAS AND AT THE BASE OF UNDERCUT AREAS AS DIRECTED BY THE ENGINEER



87TH STREET-PROPOSED TYPICAL SECTION STA. 76+22.95 TO STA. 79+17.30

> STRUCTURAL DESIGN TRAFFIC: YEAR:2040 PV=24,436 SU=257 MU=1,029 ROAD/STREET CLASSIFICATION: CLASS:1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: P=95% SU=1% MU=4%

SUBGRADE SUPPORT RATING: ACTUAL TF= 3.93 SSR=FAIR

87TH STREET-PROPOSED TYPICAL SECTION STA. 68+70.30 TO STA. 72+10.00 (WEST BOUND) STA. 68+70.30 TO STA. 74+00.00 (EAST BOUND)

 \star MEDIAN ENDS AT STA. 70+70.73

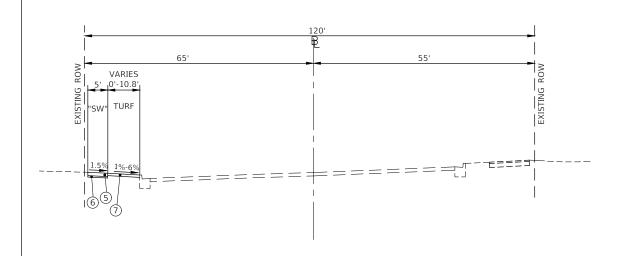
ENGINEERING RESOURCE ASSOCIATES, INC.

REVISED - 12/02/2021 USER NAME = rtanner DESIGNED - PK DRAWN - RT REVISED - 08/13/2021 CHECKED - BD REVISED - 10/08/2021 PLOT SCALE = \$SCALE\$ PLOT DATE = 12/2/202REVISED — 11/03/2021

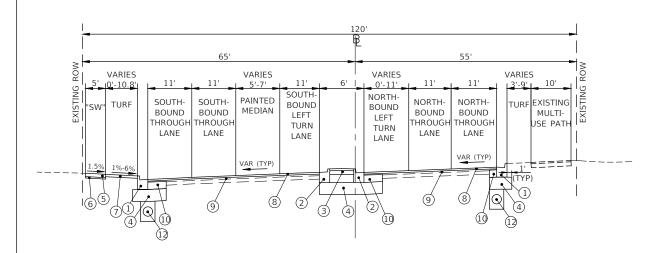
DEPARTMENT OF TRANSPORTATION

87th. STREET 3580 13-00253-01-CH

COUNTY STATE OF ILLINOIS PROPOSED TYPICAL SECTIONS CONTRACT NO. 61E87 SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. 58+78 TO STA. 79+17.30 FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT



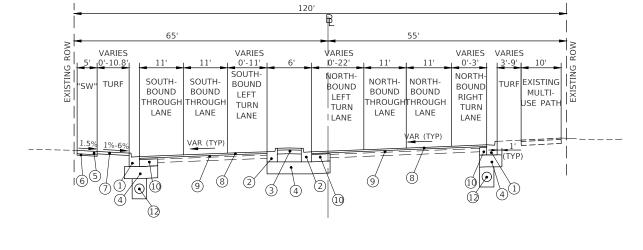
WOODWARD AVE.-PROPOSED TYPICAL SECTION STA. 139+63.79 TO STA. 143+24.07



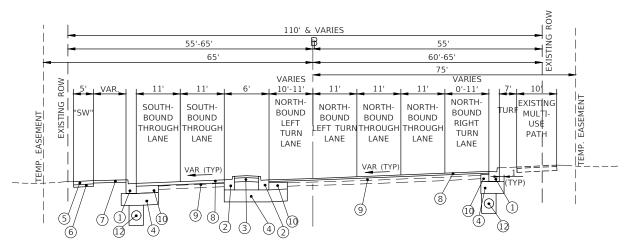
WOODWARD AVE.-PROPOSED TYPICAL SECTION STA. 143+24.07 TO STA. 144+74

PROPOSED TYPICAL SECTION LEGEND

- (1) PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED, GUTTER FLAG THICKNESS = 12")
- 2 PROPOSED COMBINATION CONCRETE CURB & GUTTER, (SPECIAL) (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED, GUTTER FLAG THICKNESS = 12")
- (3) PROPOSED HMA MEDIAN (NON-MOUNTABLE) * 4.5" (SEE DETAIL ON SHEET 134)
- 4) PROPOSED AGGREGATE SUB-GRADE IMPROVEMENTS, 16"
- (5) PROPOSED P.C.C. SIDEWALK 5" (AT LOCATIONS INDICATED ON PLANS)
- 6 PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 2"
- 7 TOPSOIL EXCAVATION AND PLACEMENT, 6"
-) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 1-3/4"
- 9 HOT MIX ASPHALT BINDER COURSE, IL-19.0, N90 2-1/4"
- ★① HOT-MIX ASPHALT BASE COURSE, 7"
- 11 PROPOSED RETAINING WALL
- $\pm \pm \widehat{12}$ proposed pipe underdrains, 4"
- FOR WIDENING OF 0'-3', USE PCC WIDENING, 7" ADJACENT TO THE OUTSIDE TRAVEL LINE. FOR MORE THAN 3' AND LESS THAN 6' OF WIDENING, USE HMA WIDENING, 7".
- ** UNDERDRAINS SHALL BE PLACED AT LOW AREAS AND AT THE BASE OF UNDERCUT AREAS AS DIRECTED BY THE ENGINEER



WOODWARD AVE.-PROPOSED TYPICAL SECTION STA. 144+74 TO STA. 146+30.27



WOODWARD AVE.-PROPOSED TYPICAL SECTION STA. 146+30.27 TO STA. 149+17

WOODWARD AVENUE PROPOSED TYPICAL SECTION

PROPOSED TYPICAL SECTION 87TH STREET INTERSECTION STA. 149+65 TO STA. 150+54 (SEE EXISTING CONDITIONS AND REMOVAL SHEET FOR CONFIGURATION)

STRUCTURAL DESIGN TRAFFIC: YEAR:2040
PV=24,436 SU=257 MU=1,029 ROAD/STREET
CLASSIFICATION: CLASS:1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: P=95% SU=1% MU=4%

P=95% SU=1% MU=4%

TRAFFIC FACTOR: SUBGRADE SUPPORT RATING:

ACTUAL TF= 3.93

SSR=FA

ENGINEERING
RESOURCE
ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTIST
& SURVEYORS

 USER NAME
 = rtonner
 DESIGNED
 EW
 REVISED
 —
 08/13/2021

 DRAWN
 —
 RT
 REVISED
 —
 10/08/2021

 PLOT SCALE
 SCALE\$
 CHECKED
 —
 BD
 REVISED
 —
 11/03/2021

 PLOT DATE
 =
 12/2/2021
 DATE
 —
 03/26/19
 REVISED
 —
 12/02/2021

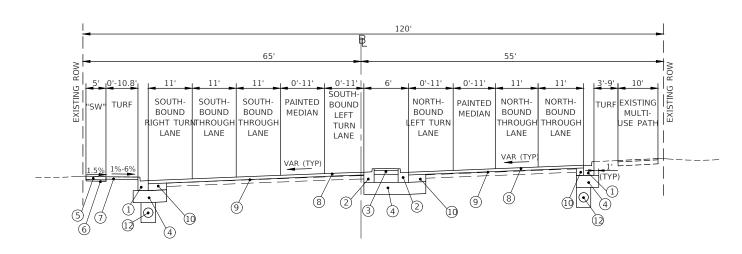
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WOODWARD AVENUE
PROPOSED TYPICAL SECTIONS

SHEET NO. 3 OF 4 SHEETS STA. 58+78 TO STA. 79+17.30

SCALE: N.T.S.

WOODWARD AVE.-PROPOSED TYPICAL SECTION STA. 151+00 TO STA. 152+62



WOODWARD AVE.-PROPOSED TYPICAL SECTION STA. 152+62 TO STA. 155+00

PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED, GUTTER FLAG THICKNESS = 12")

PROPOSED COMBINATION CONCRETE CURB & GUTTER, (SPECIAL) (GUTTER SLOPE 6% UNLESS OTHERWISE NOTED, GUTTER FLAG THICKNESS = 12")

PROPOSED HMA MEDIAN (NON-MOUNTABLE) * 4.5" (SEE DETAIL ON SHEET 134)

PROPOSED AGGREGATE SUB-GRADE IMPROVEMENTS, 16"

PROPOSED P.C.C. SIDEWALK 5" (AT LOCATIONS INDICATED ON PLANS)

PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B 2"

TOPSOIL EXCAVATION AND PLACEMENT, 6"

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 - 1-3/4"

HOT MIX ASPHALT BINDER COURSE, IL-19.0, N90 - 2-1/4"

*10 HOT-MIX ASPHALT BASE COURSE, 7"

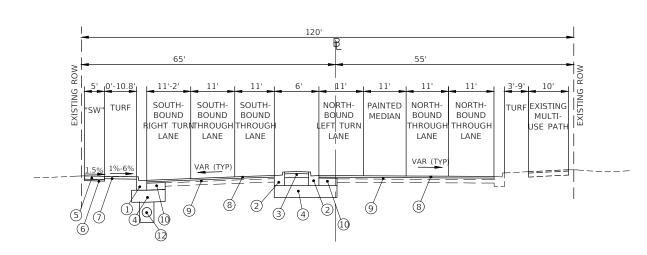
PROPOSED TYPICAL SECTION LEGEND

11) PROPOSED RETAINING WALL

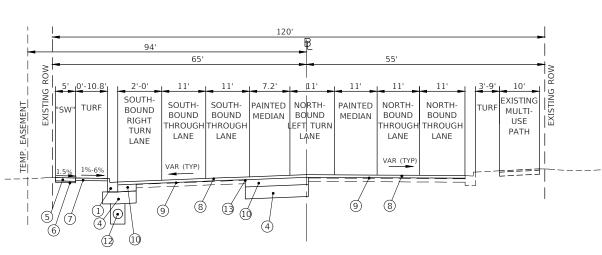
PROPOSED PIPE UNDERDRAINS, 4"

FOR WIDENING OF 0'-3', USE PCC WIDENING, 7" ADJACENT TO THE OUTSIDE TRAVEL LINE. FOR MORE THAN 3' AND LESS THAN 6' OF WIDENING, USE HMA WIDENING, 7".

UNDERDRAINS SHALL BE PLACED AT LOW AREAS AND AT THE BASE OF UNDERCUT AREAS AS DIRECTED BY THE ENGINEER



WOODWARD AVE.-PROPOSED TYPICAL SECTION STA. 155+00 TO STA. 155+58.3



WOODWARD AVE.-PROPOSED TYPICAL SECTION STA. 155+58.3 TO STA. 156+32

STRUCTURAL DESIGN TRAFFIC: YEAR:2040 PV=24,436 SU=257 MU=1,029 ROAD/STREET CLASSIFICATION: CLASS:1

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: P=95% SU=1% MU=4%

TRAFFIC FACTOR: SUBGRADE SUPPORT RATING:

ENGINEERING RESOURCE ASSOCIATES, INC.

REVISED - 12/02/2021 USER NAME = rtanner DESIGNED - PK DRAWN - RT REVISED - 07/19/2019 PLOT SCALE = \$SCALE\$ CHECKED - BD REVISED - 08/13/2021 REVISED - 10/08/2021 PLOT DATE = 12/2/202- 04/25/19

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

WOODWARD AVENUE PROPOSED TYPICAL SECTIONS SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. 58+78 TO STA. 79+17.30

COUNTY 177 22 3580 13-00253-01-CH CONTRACT NO. 61E87 FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT

	·		-6		28000250
		TEMPORARY EROSION CONTROL SEEDING			
			(POUND)		
87TH STREET	59+00	то	64+50	LT	96.0
87TH STREET	59+50	то	60+50	RT	18.9
87TH STREET	61+25	то	63+50	RT	16.5
87TH STREET	64+50	то	65+00	RT	5.1
87TH STREET	65+25	то	65+50	RT	10.1
WOODWARD	148+00	то	149+25	LT	12.4
WOODWARD	148+50	то	149+25	RT	8.4
WOODWARD	149+50	то	87TH	RT	2.0
87TH STREET	65+75	то	67+50	RT	17.9
87TH STREET	70+50	то	71+00	RT	7.3
87TH STREET	67+00	то	69+00	LT	21.5
87TH STREET	69+50	то	70+50	LT	9.2
WOODWARD	71+50	то	COMM ENT	LT	5.2
WOODWARD	151+00	то	156+00	LT	96.1
WOODWARD	151+00	то	152+00	RT	14.6
WOODWARD	153+00	то	153+50	RT	7.9
87TH STREET	71+50	то	75+50	LT	43.0
	Havens W	est			1.0
	Havens Ea		2.7		
87TH STREET	78+00	то	79+17	LT	9.6
87TH STREET	71+50 Rt	то	COMM ENT	RT	5.0
WOODWARD	139+50	то	142+00 Lt	LT	72.7
WOODWARD	142+51	то	147+75 Lt	LT	102.5
WOODWARD	142+51	то	148+00 Rt	RT	78.6
					664.2
			ADJUST	ED =	665

					28000400
	PERIMETER EROSION BARRIER				
					(FOOT)
87TH STREET	58+78	ТО	60+50	RT	230.0
87TH STREET	61+50	то	63+50	RT	265.0
87TH STREET	64+50	то	148+00	LT	220.0
87TH STREET	59+50	то	60+00	LT	50.0
87TH STREET	61+00	то	156+32	LT	935.0
WC	ODWARD	148+	00	RT	45.0
WOODWARD	148+50	то	67+50	RT	175.0
87	TH STREET	70+5	50	RT	76.0
87	TH STREET	71+5	50	RT	78.0
87TH STREET	66+50	то	69+25	LT	258.0
87TH STREET	69+50	то	70+50	LT	62.0
WOODWARD	151+25	то	152+50	RT	252.0
WOODWARD	153+00	то	153+50	RT	86.0
WOODWARD	139+50	то	142+00	LT	245.0
WOODWARD	142+51	то	147+75	LT	505.0
WOODWARD	142+51	то	148+00	RT	520.0
87TH STREET	76+00	то	77+50	LT	152.0
87TH STREET	78+00	то	79+17	LT	420.0
87TH STREET	71+50	то	76+00	LT	440.0
					5014.0
			ADJUST	ED =	5014

		,	28000510
Lo	OCATION		INLET FILTERS
			(EACH)
87TH STREET	61+10	LT	1.0
87TH STREET	61+80	LT	1.0
87TH STREET	62+60	LT	1.0
87TH STREET	63+30	LT	1.0
87TH STREET	64+10	LT	1.0
87TH STREET	66+90	LT	1.0
87TH STREET	69+60	LT	1.0
87TH STREET	72+00	LT	1.0
			1.0
87TH STREET	72+10	LT	
87TH STREET	73+60	LT	1.0
87TH STREET	61+10	RT	1.0
87TH STREET	61+80	RT	1.0
87TH STREET	62+60	RT	1.0
87TH STREET	63+30	RT	1.0
87TH STREET	64+10	RT	1.0
87TH STREET	66+90	RT	1.0
87TH STREET	69+60	RT	1.0
87TH STREET	72+00	RT	1.0
87TH STREET	72+10	RT	1.0
87TH STREET	73+60	RT	1.0
87TH STREET	61+10	CTR	1.0
87TH STREET	61+80	CTR	1.0
87TH STREET	62+60	CTR	
			1.0
87TH STREET	63+30	CTR	
87TH STREET	64+10	CTR	1.0
87TH STREET	66+90	CTR	1.0
87TH STREET	68+75	CTR	1.0
87TH STREET	72+00	CTR	1.0
87TH STREET	72+10 73+60	CTR	1.0
WOODWARD	139+80	LT	
WOODWARD	149+25	LT	1.0
WOODWARD	151+75	LT	1.0
WOODWARD	155+25	LT	1.0
WOODWARD	156+50	LT	1.0
WOODWARD	139+80	RT	1.0
WOODWARD	149+25	RT	1.0
WOODWARD	151+75	RT	1.0
WOODWARD	155+25	RT	1.0
WOODWARD	156+50	RT	1.0
WOODWARD	143+25	CTR	1.0
WOODWARD	147+85	CTR	1.0
WOODWARD	148+75	CTR	1.0
WOODWARD	151+75 154+60	CTR	1.0
	VIK	1.0 5.0	
	LOWANCE		50.0
	AD I	USTED =	50
	, ,		

SCHEDILLE O	EARTHWORK	,							
JOHE DOLL O	LANTING CIT	End Area							
		X-Sec	End Area	End Area	20200100	EXCAVATION TO BE	TOTAL	EARTHWORK	20201200
FROM	то.	Area	X-Sec Area	X-Sec Area	EARTH	USED IN	REQUIRED	BALANCE EXCESS	REMOVAL AND DISPOSAL
FROM	ТО	Up-	Up-Station	Up-Station	EXCAVATION	EMBANKMENT (ADJ	EMBANKMEN	(+) SHORTAGE (-)	OF UNSUITABLE
		Station	(Fill)	(Unsuitable	(CU YD)	FOR 15% SHRINKAGE)	T (CUYD)	(CU YD)	MATERIAL (CUYD)
		(Cut))		(CU YD)			
SUITABLE MA	TERIAL								
87TH STREET				ı					-
58+50.00	59+00.00	19.8	0.0	17.4	18.33	15.58	0.00	15.58	16.11
59+00.00	59+50.00	32.1	0.0	26.6	48.06	40.85	0.00	40.85	40.74
59+50.00	60+00.00	25.7	0.0	15.6	53.52	45.49	0.00	45.49	39.07
60+00.00	60+50.00	23.8	0.3	17.7	45.83	38.96	0.28	38.68	30.83
60+50.00	60+94.00	21.1	0.3	30.6	36.59	31.10	0.49	30.61	39.36
60+94.00	61+00.00	30.8	0.3	35.1	5.77	4.90	0.07	4.84	7.30
61+00.00	61+50.00	28.6	0.1	19.2	55.00	46.75	0.37	46.38	50.28
61+50.00	62+00.00	32.7	0.0	23.0	56.76	48.25	0.09	48.15	39.07
62+00.00	62+50.00	37.3	0.0	25.1	64.81	55.09	0.00	55.09	44.54
62+50.00	63+00.00	40.4	0.0	35.4	71.94	61.15	0.00	61.15	56.02
63+00.00	63+50.00	47.4	0.0	37.4	81.30	69.10	0.00	69.10	67.41
63+50.00	64+00.00	62.1	0.0	54.2	101.39	86.18	0.00	86.18	84.81
64+00.00	64+33.00	63.8	0.0	54.5	76.94	65.40	0.00	65.40	66.43
64+33.00	64+50.00	43.4	0.0	37.7 44.9	33.75 88.43	28.69	0.00	28.69	29.03 76.48
64+50.00	65+00.00	52.1	0.0			75.16	0.00	75.16	
65+00.00 65+50.00	65+50.00 66+00.00	81.7 0.0	0.0	72.5 0.0	123.89 75.65	105.31 64.30	0.00	105.31 64.30	108.70 67.13
INTERSECTIO		0.0	0.0	1 0.0	73.03	04.30	1 0.00	04.30	07.13
66+50.00	67+00.00	71.3	0.0	41.6	66.02	56.12	0.00	56.12	38.52
67+00.00	67+50.00	35.6	0.0	29.0	98.98	84.13	0.19	83.95	65.37
67+50.00	68+00.00	26.5	0.2	23.9	57.50	48.88	0.19	48.13	48.98
68+00.00	68+50.00	32.0	0.8	23.9	54.17	46.04	0.74	45.21	44.26
68+50.00	69+00.00	27.1	1.4	23.9	54.72	46.51	1.57	44.94	44.26
69+00.00	69+50.00	14.7	0.8	24.6	38.70	32.90	2.04	30.86	44.91
69+50.00	70+00.00	46.1	0.0	29.7	56.30	47.85	0.74	47.11	50.28
70+00.00	70+50.00	53.2	0.0	26.6	91.94	78.15	0.00	78.15	52.13
70+50.00	71+00.00	57.8	0.0	83.5	102.78	87.36	0.00	87.36	101.94
71+00.00	71+50.00	31.2	0.0	27.0	82.41	70.05	0.00	70.05	102.31
71+50.00	72+00.00	13.9	34.3	16.3	41.76	35.50	31.76	3.74	40.09
72+00.00	72+50.00	20.1	0.6	15.5	31.48	26.76	32.31	-5.56	29.44
72+50.00	73+00.00	18.0	0.6	15.1	35.28	29.99	1.11	28.88	28.33
73+00.00	73+50.00	17.3	0.6	14.7	32.69	27.78	1.11	26.67	27.59
73+50.00	74+00.00	20.0	0.4	13.5	34.54	29.36	0.93	28.43	26.11
74+00.00	74+50.00	20.8	0.0	12.7	37.78	32.11	0.37	31.74	24.26
74+50.00	75+00.00	20.8	0.6	10.4	38.52	32.74	0.56	32.19	21.39
75+00.00	75+50.00	22.1	0.0	11.3	39.72	33.76	0.56	33.21	20.09
75+50.00	76+00.00	21.2	0.0	11.3	40.09	34.08	0.00	34.08	20.93
76+00.00	76+50.00	17.9	0.0	13.4	36.20	30.77	0.00	30.77	22.87
76+50.00	77+00.00	15.5	0.0	14.8	30.93	26.29	0.00	26.29	26.11
77+00.00	77+50.00	9.4	0.0	23.5	23.06	19.60	0.00	19.60	35.46
77+50.00	78+00.00	11.7	0.5	13.8	19.54	16.61	0.46	16.14	34.54
78+00.00	78+50.00	8.8	0.0	12.2	18.98	16.13	0.46	15.67	24.07
78+50.00	79+00.00	6.2	0.0	12.4	13.89	11.81	0.00	11.81	22.78
79+00.00	79+50.00	0.0	0.0	0.0	5.74	4.88	0.00	4.88	11.48
WOODWAR									
139+50.00	140+00.00	0.0	0.0	3.7	0.00	0.00	0.00	0.00	3.43
140+00.00	140+50.00	13.2	0.0	8.7	12.22	10.39	0.00	10.39	11.48
140+50.00	141+00.00	8.1	0.0	4.5	19.72	16.76	0.00	16.76	12.22
141+00.00	141+50.00	11.0	0.0	7.2	17.69	15.03	0.00	15.03	10.83
141+50.00	142+00.00	5.9	0.0	6.5	15.65	13.30	0.00	13.30	12.69
142+00.00	142+50.00	0.0	0.0	0.0	5.46	4.64	0.00	4.64	6.02
142+50.00	N 143+00.00	13.0	0.0	11.2	12.04	10.23	0.00	10.33	10.37
142+50.00	143+00.00	16.5	0.0	14.1	27.31	23.22	0.00	10.23 23.22	23.43
143+00.00	143+50.00	18.4	0.0	15.7	32.31	27.47	0.00	27.47	27.59
144+00.00	144+50.00	20.7	0.0	17.5	36.20	30.77	0.00	30.77	30.74
144+50.00	145+00.00	22.0	0.0	18.4	39.54	33.61	0.00	33.61	33.24
145+00.00	145+50.00	22.4	0.0	16.9	41.11	34.94	0.00	34.94	32.69
145+50.00	146+00.00	24.8	0.0	31.5	43.70	37.15	0.00	37.15	44.81
146+00.00	146+50.00	26.8	0.0	41.6	47.78	40.61	0.00	40.61	67.69
146+50.00	147+00.00	23.7	0.0	21.8	46.76	39.75	0.00	39.75	58.70
147+00.00	147+50.00	21.7	0.0	18.8	42.04	35.73	0.00	35.73	37.59
147+50.00	148+00.00	18.7	0.0	23.1	37.41	31.80	0.00	31.80	38.80
148+00.00	148+50.00	26.4	0.0	21.7	41.76	35.50	0.00	35.50	41.48
148+50.00	149+00.00	37.4	0.4	25.7	59.07	50.21	0.37	49.84	43.89
149+00.00	149+50.00	56.6	0.0	70.3	87.04	73.98	0.37	73.61	88.89
149+50.00	150+00.00	0.0	0.0	0.0	52.41	44.55	0.00	44.55	65.09
INTERSECTIO	N								
150+50.00	151+00.00	37.4	0.0	26.4	34.63	29.44	0.00	29.44	24.44
151+00.00	151+50.00	25.0	0.0	16.6	57.78	49.11	0.00	49.11	39.81
151+50.00	152+00.00	20.5	0.0	18.0	42.13	35.81	0.00	35.81	32.04
152+00.00	152+50.00	20.9	0.0	37.2	38.33	32.58	0.00	32.58	51.11
152+50.00	153+00.00	19.6	0.0	16.6	37.50	31.88	0.00	31.88	49.81
153+00.00	153+50.00	20.4	0.0	20.4	37.04	31.48	0.00	31.48	34.26
153+50.00	154+00.00	13.3	0.0	13.5	31.20	26.52	0.00	26.52	31.39
154+00.00	154+50.00	11.2	0.0	17.6	22.69	19.28	0.00	19.28	28.80
154+50.00	155+00.00	9.4	0.0	13.7	19.07	16.21	0.00	16.21	28.98
155+00.00	155+50.00	8.2	0.0	13.8	16.30	13.85	0.00	13.85	25.46
155+50.00	156+00.00	8.3	0.0	10.1	15.28	12.99	0.00	12.99	22.13
156+00.00	156+41.00	0.0	0.0	0.0	6.30	5.36	0.00	5.36	7.67

EARTHWORK GENERAL NOTES:

- 1. ALL EARTHWORK QUANTITIES ARE CALCULATED BY THE METHOD OF AVERAGE END AREAS USING THE PLAN CROSS SECTIONS.
- TOPSOIL STRIPPING WILL BE MEASURED FOR PAYMENT AS TOPSOIL EXCAVATION AND PLACEMENT.
- 3. ALL SURPLUS MATERIAL SHALL BE HAULED OFF SITE, REGARDLESS OF THE TYPE OF MATERIAL. THE COST OF DISPOSING THE EXCESS MATERIALS OFF SITE SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ASSOCIATED EARTHWORK ITEM.
- 4. ONCE THE SUBGRADE HAS BEEN PREPARED, FINAL DETERMINATION OF THE NEED FOR UNDERCUT/AGGREGATE SUBGRADE IMPROVEMENT SHALL BE BASED ON FIELD OBSERVATION AND PROOF ROLLS. THE FINAL DETERMINATION SHALL BE BY THE ENGINEER, PAYMENT WILL BE MADE FOR THE ACTUAL AREAS WHERE UNDERCUT AND AGGREGATE SUBGRADE IMPROVEMENT IS PLACED. THERE WILL BE NO ADJUSTMENT TO THE UNIT PRICE OF THE ASSOCIATED ITEMS IF THE QUANTITIES ARE DIFFERENT THAN ANTICIPATED.
- 5. IN DEVELOPING THE EARTHWORK QUANTITIES FOR THIS PROJECT, AN ESTIMATED QUANTITY FOR AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN INCLUDED IN THE CONTRACT. BACKFILL OF THE AREA THAT WAS UNDERCUT SHALL BE PAID FOR AS PAY ITEM #3030001 "AGGREGATE SUBGADE IMPROVEMENT".
- 6. THE DEPTH OF THE TOPSOIL REMOVAL HAS BEEN QUANTIFIED AS PAY ITEM 21101505 "TOPSOIL EXCAVATION AND PLACEMENT" WITH AN ASSUMED DEPTH OF 12 INCHES.

ENGINEERING RESOURCE ASSOCIATES

	USER NAME = rtanner	DESIGNED —	EW	REVISED	_	08/13/2021
;		DRAWN —	RT	REVISED	_	10/08/2021
S	PLOT SCALE = \$SCALE\$	CHECKED —	BD	REVISED	_	11/03/2021
	PLOT DATE = $12/2/2021$	DATE —	04/25/19	REVISED	_	12/02/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

5.36	7.67									
87	th STREET AND	WOODV	VARD AV	ENUE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
EROSIC	EROSION CONTROL AND EARTHWORK SCHEDULE					3580	13-00253-01-CH	DuPage	177	23
								CONTRAC	Г NO. 6	1E87
.S.	SHEET NO. 1 OF 1 SH	EETS	STA.	TO STA.		FED. RC	DAD DIST. NO ILLINOIS FED. A	D PROJECT		

		60201330	60202405	XX007834	60219530	60224439	1	60237460	60238800	60240327	550A0050	550A0120	550A0340	550A0410	550A0430	550A0500	Z0056608
LOCA.	TION	CATCH BASINS, TA, 4' DIA., TYPE 23 FRAME AND	CATCH BASINS, TA, 4' DIA.	SAG FRAME AND LID	MANHOLES, TA, 4' DIA., TYPE 23 FRAME AND	MANHOLES, TA, 7' DIA., TYPE 23 FRAME AND	MANHOLES, TA, 8' DIA., TYPE 23 FRAME AND GRATE,	INLETS, TA, TYPE 23 FRAME AND GRATE	INLETS, TYPE	INLETS, TYPE	STORM SEWERS, CLASS A, TYPE 1	STORM SEWERS, CLASS A, TYPE 1	STORM SEWERS, CLASS A, TYPE 2	STORM SEWERS, CLASS A, TYPE 2	STORM SEWERS, CLASS A, TYPE 2	STORM SEWERS, CLASS A, TYPE 2	STORM SEWER (WATER MAIN QUALITY) 12" DIA.
		GRATE	/FACIL)		GRATE	GRATE	SPECIAL		(54611)		12" DIA.	24" DIA.	12" DIA.	24" DIA.	30" DIA.	60" DIA.	
57 + 00	58 + 00	(EACH)	(EACH)		(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)						
58 + 00	59 + 00																
59 + 00	60 + 00					1	1				9		9			49	
60 + 00	61 + 00					-	-				<u>J</u>					100	
61 + 00	62 + 00	1				2		2		1	69					100	
62 + 00	63 + 00	1				1		1			96		9			100	
63 + 00	64 + 00							1			31					100	
64 + 00	65 + 00				1	1		2			60		8		82	11	
65 + 00	66 + 00	1									35				81		26
66 + 00	67 + 00	1	1	1							62						
67 + 00	68 + 00							1									
68 + 00	69 + 00							1		1	30						
69 + 00	70 + 00	1						2			140						
70 + 00	71 + 00							1			68						
71 + 00	72 + 00			1				1	1		20						
72 + 00	73 + 00	2		1				1			60			49			
73 + 00	74 + 00	1											13				
74 + 00	75 + 00							1			9						
75 + 00	76 + 00																
76 + 00	77 + 00																
77 + 00	78 + 00																
78 + 00	79 + 00																
79 + 00	80 + 00																
			'				•		_								_
139 + 00	140 + 00																
140 + 00	141 + 00																
141 + 00	142 + 00																
142 + 00	143 + 00																
143 + 00	144 + 00	1						1			45						
144 + 00	145 + 00																
145 + 00																	
146 + 00																	
147 + 00	148 + 00							1			10						
148 + 00		1						1			93						
149 + 00																	
150 + 00																	
151 + 00		1						1			5		6				
152 + 00																	
	154 + 00																
	155 + 00							1			15						
	156 + 00							1			2						
156 + 00																	
		11.0	1.0	3.0	1.0	5.0	1.0	20.0	1.0	2.0	859.0	0.0	45.0	49.0	163.0	460.0	26.0
	ADJUSTED =	11	1	3	1	5	1	20	1	2	859	0	45	49	163	460	26

ENGINEERING RESOURCE ASSOCIATES

	USER NAME = rtanner	DESIGNED —	CS	REVISED	_	08/13/2021
3		DRAWN —	RT	REVISED	_	08/23/2021
S	PLOT SCALE = \$SCALE\$	CHECKED —	BD	REVISED	_	11/03/2021
_	PLOT DATE = 12/2/2021	DATE —	04/25/2019	REVISED	_	12 /02 /2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

87	th STREET AND WOOD\	F.A.U. RTE.	SECTION				
	DRAINAGE SCHE		3580	13-00253-01-CH			
		_					
	SHEET NO. 1 OF 13 SHEETS	STA.	TO STA.		FED. RC	DAD DIST. NO. ILLINOIS FED. AL	

			42400410	42400800	44000600
LOCA	AT I ON		PORTLAND CEMENT CONCRETE SIDEWALK, 8"	DETECTABLE WARNINGS	SIDEWALK REMOVAL
		(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)
58 + 00	59 + 00	305	0	16	
59 + 00	50 + 00	750	0	32	250
60 + 00	61 + 00	395	0	16	580
61 + 00	62 + 00	375	0	16	450
62 + 00	63 + 00	500	0	0	500
63 + 00	64 + 00	660	0	16	750
64 + 00	55 + 00	1000	0	16	1320
65 + 00	66 + 00	750	0	0	750
66 + 00	67 + 00	1380	0	0	535
67 + 00	68 + 00	815	0	0	1200
68 + 00	69 + 00	500	0	0	1000
69 + 00	70 + 00	511	18	32	1000
70 + 00	71 + 00	585	0	0	990
71 + 00	72 + 00	795	72	64	935
72 + 00	73 + 00	500	0	0	400
73 + 00	74 + 00	500	0	0	400
74 + 00	75 + 00	500	0	0	400
75 + 00	76 + 00	420	0	0	250
76 + 00	77 + 00	0	0	0	137
77 + 00	78 + 00	140	0	0	136
78 + 00	79 + 00	150	0	32	145
139 + 00	140 + 00	180	0	0	0
140 + 00	141 + 00	500	0	0	0
141 + 00	142 + 00	500	0	0	0
142 + 00	143 + 00	230	0	32	0
143 + 00	144 + 00	500	0	0	0
144 + 00	145 + 00	500	0	0	0
145 + 00	146 + 00	500	0	0	0
146 + 00	147 + 00	500	0	0	0
147 + 00	148 + 00	665	0	0	320
148 + 00	149 + 00	750	0	64	0
149 + 00	150 + 00	0	0	0	0
150 + 00	151 + 00	0	0	0	0
151 + 00	152 + 00	750	0	0	500
152 + 00	153 + 00	1020	0	64	500
153 + 00	154 + 00	560	0	0	500
154 + 00	155 + 00	500	0	0	500
155 + 00	156 + 00	100	0	0	485
156 + 00	157 + 00	0	0	16	0
155 . 50	137 . 33	19286.0	90.0	416.0	14933.0
	ADJUSTED =	19286	90	416	14933
	MDJUSTED =		- 0		

		30300116	35501312	35600704	40600290	40603090	40604172	42001300	44000200	44000500	44003100	60603800	60604400	X4401198	X6061700
LOCA	AT I ON	AGGREGATE SUBGRADE IMPROVEMENT, 16"	HOT-MIX ASPHALT BASE COURSE, 7"	HOT-MIX ASPAHLT BASE COURSE WIDENING, 7"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL- 19.0 N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL- 9.5, MIX "E" N70	PROTECTIVE COAT	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	MEDIAN REMOVAL	COMBINATION CURB AND GUTTER, TYPE B-6.12	COMBINATION CURB AND GUTTER, TYPE B-6.18	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	COMBINATION CURB AND GUTTER, SPECIAL
		(SQ YD)	(SQ YD)	(SQ YD)	(LB)	(TON)	(TON)	(SQ YD)	(SQ YD)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(SQ YD)	(FOOT)
57 + 00	58 + 00	14.6	9	0	17.7	6	4.7	13.9	0.0	0	0	0	50	48.3	0
58 + 00	59 + 00	99.3	66	0	80	30.4	23.7	111.1	0.0	0	0	0	100	243.8	0
59 + 00	60 + 00	152.8	87.8	0	478	143.6	111.7	155.6	0.0	150	250	0	156	1150.0	130
60 + 00	61 + 00	223.0	89.7	0	410.5	125.1	97.3	316.3	176.1	200	400	0	200	1001.8	200
61 + 00	62 + 00	252.9	119.6	0	388.7	122.8	95.5	224.4	0.0	285	400	95	200	983.3	200
62 + 00	63 + 00	329.1	195.8	0	351.9	122.1	95	183.3	0.0	150	400	0	200	977.8	200
63 + 00	64 + 00	414.3	270.2	0	313.6	122.1	95	183.3	0.0	200	400	0	200	977.7	200
64 + 00	65 + 00	448.6	305.6	0	298.8	122.3	95.1	354.9	227.8	290	400	124	200	979.2	200
65 + 00	66 + 00	350.0	271.3	0	649.2	202.6	157.6	145.6	0.0	171	130	0	200	1622.2	30
66 + 00	67 + 00	378.2	299.6	0	660.4	219.2	172.8	138.9	0.0	135	0	0	200	1779.0	0
67 + 00	68 + 00	353.3	266.9	0	277	110.5	86	165.0	0.0	150	0	0	150	885.4	180
68 + 00	69 + 00	384.4	251	0	272	106.8	83.1	183.3	0.0	45	0	0	200	855.3	200
69 + 00	70 + 00	359.3	252.6	0	271	106.7	83	174.9	80.6	27	0	62	120	854.7	200
70 + 00	71 + 00	339.6	246.2	0	277.5	107.7	83.8	153.3	0.0	165	0	0	140	862.8	140
71 + 00	72 + 00	229.4	169.4	0	292.9	102.4	79.7	357.6	518.9	430	0	217	180	820.2	0
72 + 00	73 + 00	183.0	89.7	60	275.1	95	73.9	111.1	0.0	100	0	0	100	701.0	0
73 + 00	74 + 00	178.1	77.8	67	260.2	90.3	70.2	111.1	0.0	100	0	0	100	656.0	0
74 + 00	75 + 00	171.2	64.2	67	258.2	88	68.5	116.7	0.0	100	0	0	120	637.9	0
75 + 00	76 + 00	136.9	36.6	67	260.4	85.2	66.3	111.1	0.0	100	0	0	100	615.1	0
76 + 00	77 + 00	113.8	30.4	50	259.8	82.1	63.9	111.1	0.0	100	0	0	100	607.7	0
77 + 00	78 + 00	91.8	0	45	260.3	79.1	61.5	127.2	0.0	173	0	60	110	588.4	0
78 + 00	79 + 00	46.4	0	45	267.7	75.9	59.1	125.3	0.0	150	0	64	100	563.0	0
79 + 00	80 + 00	7.3	0	9	45.9	12.7	9.9	89.4	0.0		0	0	22	93	0
		•													
139 + 00	140 + 00	0.0	0	0	0	0	0	20.0	0.0	0	0	0	0	0	0
140 + 00	141 + 00	0.0	0	0	0	0	0	20.0	0.0	0	0	0	0	0	0
141 + 00	142 + 00	0.0	0	0	0	0	0	20.0	0.0	0	0	0	0	0	0
142 + 00	143 + 00	59.8	19.8	0	176	51.3	39.9	53.3	0.0	225	170	0	120	410.8	0
143 + 00	144 + 00	152.7	35.3	0	296.3	86.5	57.4	108.9	0.0	200	700	0	200	693.7	150
144 + 00	145 + 00	239.1	105.8	0	279.2	90.7	70.5	120.0	0.0	200	700	0	200	726.1	200
145 + 00	145 + 00	345.0	203.9	0	233.2	91.3	71	120.0	0.0	200	700	0	200	730.9	200
146 + 00	147 + 00	338.0	200.1	0	252.9	95.7	74.5	120.0	0.0	200	700	0	200	766.7	200
147 + 00	148 + 00	278.5	145 . 1	0	311.7	104.6	81.4	120.0	0.0	200	700	0	200	837.8	200
148 + 00	149 + 00	330.1	196.8	0	312.2	111.2	86.5	265.7	170.0	270	700	84	200	890.4	200
149 + 00	150 + 00	11.3	0	0	0	0	0	20.0	0.0	200	0	0	0	0.0	0
150 + 00	151 + 00	0.0	0	0	0	0	0	20.0	0.0	150	0	0	0	0.0	0
151 + 00	152 + 00	242.9	43	67	354.1	111.9	87.1	120.0	0.0	200	400	0	200	829.3	200
152 + 00	153 + 00	200.4	25	43	353.4	106.4	82.8	155.8	137.2	245	400	161	200	809.2	200
153 + 00	154 + 00	168.0	50.7	0	359.4	106.1	82.5	106.7	0.0	100	400	0	152	849.3	200
154 + 00	155 + 00	161.9	51.9	0	351.2	105.2	81.8	92.2	0.0	100	400	0	100	842.3	200
155 + 00	156 + 00	175.9	75.9	0	351.4	107	83.2	74.4	0.0	89	250	0	100	856.7	120
156 + 00	157 + 00	41.3	6.7	0	151.8	43	33.4	31.1	0.0	0	0	0	40	344	0
130 + 00	15, 1 00	8003.4	4369.4	520.0	10709.6	3569.7	2779.3	5352.7	1310.6	5800.0	8600.0	867.0	5360.0	28090.9	3950.0
	ADJUSTED =		4370	520	10710	3570	2780	5353	1311	5800	8600	867	5360	28091	3950
	=					-2									

ENGINEERING RESOURCE ASSOCIATES

	USER NAME = rtanner	DESIGNED —	CS	REVISED	_	08/13/2021
ì		DRAWN —	RT	REVISED	_	08/23/2021
	PLOT SCALE = \$SCALE\$	CHECKED —	BD	REVISED	_	11/03/2021
	PLOT DATE = $12/2/2021$	DATE —	04/25/2019	REVISED	_	12/02/2021

	th STREET AND WOOD ING, SIDEWALK, & REM		_	
SCALE: N.T.S.	SHEET NO. 3 OF 13 SHEETS	STA.	TO STA.	

F.A.U. RTE.	SEC ⁻	ΓΙΟΝ		I	COUNTY	TOTAL SHEETS	SHEET NO.
3580	13-0025	3-01-C	Н	Τ	DuPage	177	25
				Τ	CONTRACT	NO. 6	1E87
FED. RO	DAD DIST. NO	ILLINOIS	FED.	AIC	PROJECT		

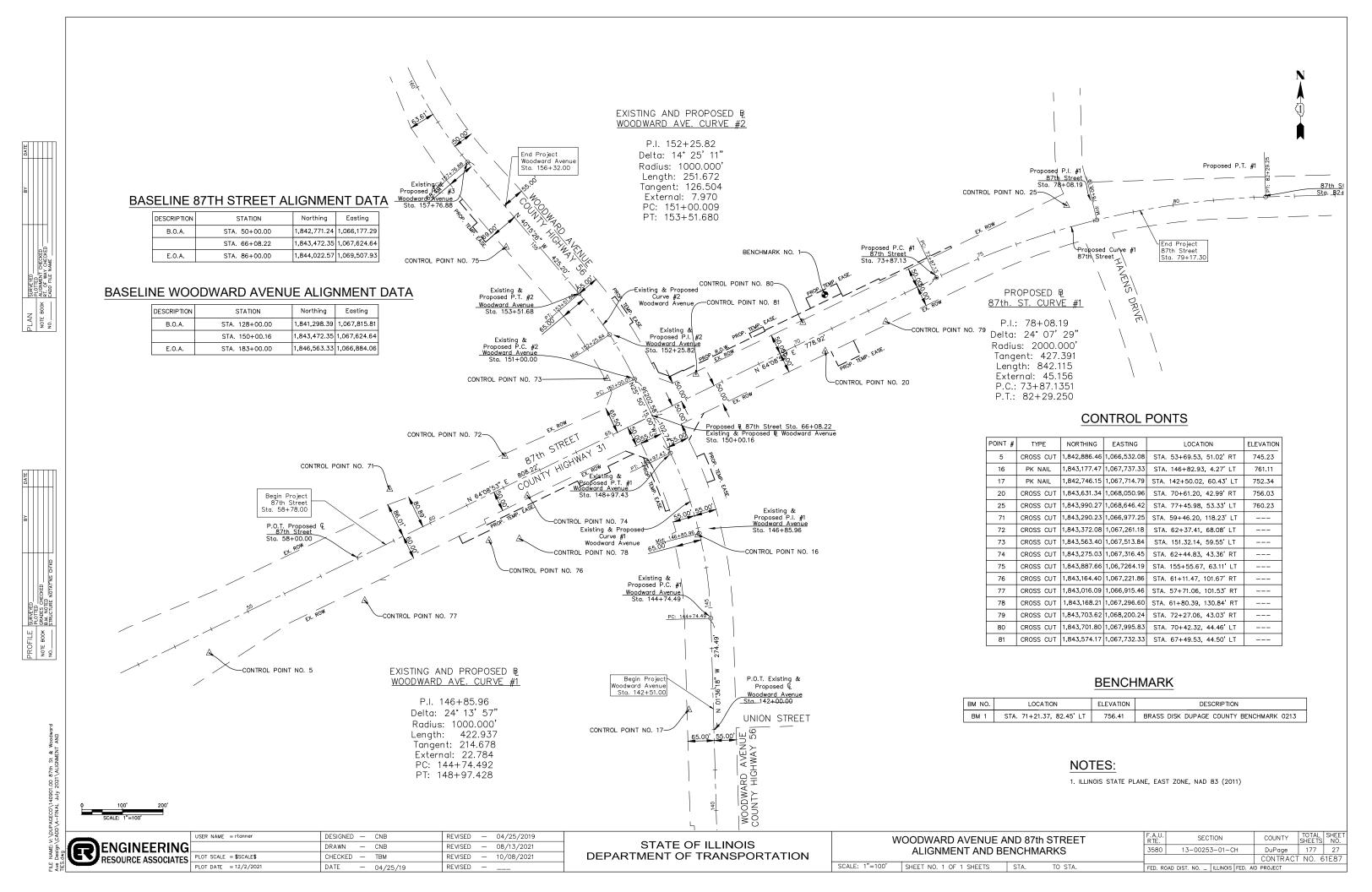
59 + 00 60 + 00	TION	THERMOPLASTIC PAVEMENT	THERMOPLASTIC	1								CHORT TEST	TEMPORARY	TEMPOSTON	TEMPOSTON			I TEMPORALE
		MARKING - LETTERS &	PAVEMENT MARKING - LINE	PAVEMENT MARKING - LINE		THERMOPLASTIC PAVEMENT MARKING - LINE		RECESSED REFLECTIVE PAVEMENT	LOC	AT I ON	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAVEMENT MARKING LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY PAVEMENT MARKING - LINE 8"	TEMPORARY PAVEMENT MARKING - LINE 12"	TEMPORARY PAVEMENT MARKING - LINE 24"
		SYMBOLS	4 "	6 "	8 "	12"	24"	MARKER			(F00⊤)	(SQ F⊤)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(F00T)
		(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)		057 + 00	0	0	0	0	168	0	0	0
60 + 00	60 + 00	36.6	76.5	446	0	324	70	12	057 + 00	058 + 00 059 + 00	0	0	0	0	136	0	17 45	0
	61 + 00	15.2	100	378.5	9.5	160	0	16		060 + 00	0	0	109.8	1310.75	60	19.5	0	198
61 + 00	62 + 00	21.4	100	206	47.5	40	0	16		061 + 00	0	0	15.2	1949.5	100	45.25	123	0
62 + 00	63 + 00	36.6	100	50	78.5	0	0	16	061 + 00	062 + 00	0	0	21.4	1594.75	92.5	75	105	0
63 + 00	64 + 00	73.2	288.5	246	0	0	0	14	062 + 00	063 + 00	0	0	0	1261	40	88.5	40	0
64 + 00	65 + 00	109.8	275	300	148	0	0	12	063 + 00	064 + 00	0	0	36.6	1075	160	117.75	0	0
65 + 00	66 + 00	0	33	36	0	198	55	2	064 + 00	065 + 00	0	0	36.6	1075	300	100	0	0
									065 + 00	066 + 00	0	0	137.3	728.5	89	15	0	77
66 + 00	67 + 00	0	37.5	45	0	370	55	2	066 + 00	067 + 00	0	0	64.1	450	21	0	0	44
67 + 00	68 + 00	109.8	250	300	0	0	0	8	067 + 00		0	0	64.1	880	300	0	0	22
68 + 00	69 + 00	109.8	265	240	0	0	O	11	068 + 00		0	0	0	875	112.5	29	0	0
69 + 00	70 + 00	0	100	134.75	0	10	0	16		070 + 00	0	0	0	866.5	25	50	0	0
70 + 00	71 + 00	36.6	75	173.5	0	66	0	12	070 + 00		0	0	36.6	793	113	25	0	0
71 + 00	72 + 00	36.6	57	96	0	110	0	9		072 + 00	0	0	36.6 0	765.5	128 61	8.5	0	0
72 + 00	73 + 00	0	100	200	0	165	0	16		073 + 00 074 + 00	0	0	0	900	24.5	0	0	0
73 + 00	74 + 00	36.6	100	90.75	0	105	0	16		075 + 00	0	0	0	900	0	0	0	0
74 + 00	75 + 00	0	100	50	0	100	0	16		076 + 00	0	0	0	900	7.25	0	0	0
75 + 00	76 + 00	21.4	100	52.25	0	80	0	16	076 + 00		0	0	0	900	53.5	0	0	0
76 + 00	77 + 00	15.2	100	100	0	50	0	16	_	078 + 00	0	0	27.5	654.5	52	0	0	0
77 + 00	78 + 00	36.6	60.5	61	0	8	12	10	_	079 + 00	0	0	27.5	707.25	148	0	0	0
78 + 00	79 + 00	36.6	75	75	0	0	0	12	079 + 00	080 + 00	0	0	36.6	897.25	200	0	45	0
					0		0		080 + 00	081 + 00	0	0	0	596.25	200	0	18	0
79 + 00	80 + 00	0	17	17	U	0	U	3	081 + 00	082 + 00	0	0	0	225	55.5	0	0	0
							_		082 + 00	083 + 00	0	0	0	40.5	4.5	0	0	0
142 + 00	143 + 00	15.2	80	0	64	40	0	3										
143 + 00	144 + 00	21.4	250	18.25	200	124	0	8		139 + 00	0	0	0	0	7.25	3.5	0	0
144 + 00	145 + 00	36.6	250	25	112.5	40	0	8		140 + 00	0	0	0	0	25	50	0	0
145 + 00	146 + 00	0	250	25	25	0	0	8		141 + 00	0	0	36.6	360	180.75	123.5	0	0
146 + 00	147 + 00	73.2	250	172.5	7.5	0	0	8		142 + 00	0	0	73.2	360	180	181	33	0
147 + 00	148 + 00	21.4	250	247.5	0	0	0	8	142 + 00		0	0	36.6	587.25	0	48	138	0
148 + 00	149 + 00	88.4	250	402	0	192	0	8		144 + 00 145 + 00	0	0	27.5	1198.75 1056	0	100 46	122 176	0
149 + 00	150 + 00	0	27.5	30	0	198	55	2	145 + 00		0	0	0	1000	0	13.25	146	0
150 + 00	151 + 00	0	С	0	15	198	44	0			0	0	0	1000	39	0	100	0
151 + 00	152 + 00	73.2	250	100	200	160	0	8	147 + 00		0	0	0	990	113.75	0	132	0
152 + 00	153 + 00	36.6	250	204	200	352	0	8	148 + 00		0	0	42.8	840	374.75	0	50	0
153 + 00	154 + 00	36.6	250	100	122.75	0	0	8		150 + 00	0	0	131.1	477	97	0	0	96
							-			151 + 00		0	173.9	114	58	0	0	93
154 + 00	155 + 00	36.6	304	32.5	128.75	112	0	8	151 + 00	152 + 00	0	0	36.6	817	484.25	0	0	0
155 + 00	156 + 00	36.6	350	22	200	280	0	8	152 + 00	153 + 00	0	0	0	1000	114.5	106.5	0	0
156 + 00	157 + 00	0	86.25	0	44	96	0	2	153 + 00	154 + 00	0	0	0	1154	75	50	10	0
		1207.8	5507.8	4676.5	1603.0	3578.0	291.0	346.0		155 + 00		0	0	1200	76.25	28	52	0
	ADJUSTED =	1208	5508	4677	1603	3578	291	346		156 + 00		0	58	1203	220.5	7	136	0
										157 + 00		0	15.2	348	196	0	170	0
										158 + 00		0	0	189.25	16	0	70	0
										159 + 00		0	0	200	0	0	84	0
									159 + 00	160 + 00		0	0	154	0	0	55	0
										ADJUSTED =	0.0	0.0	1281.4 1282	35493.5 35494	4751.3 4752	1330.3 1331	1867.0 1867	530.0 530

ENGINEERING
RESOURCE ASSOCIATES

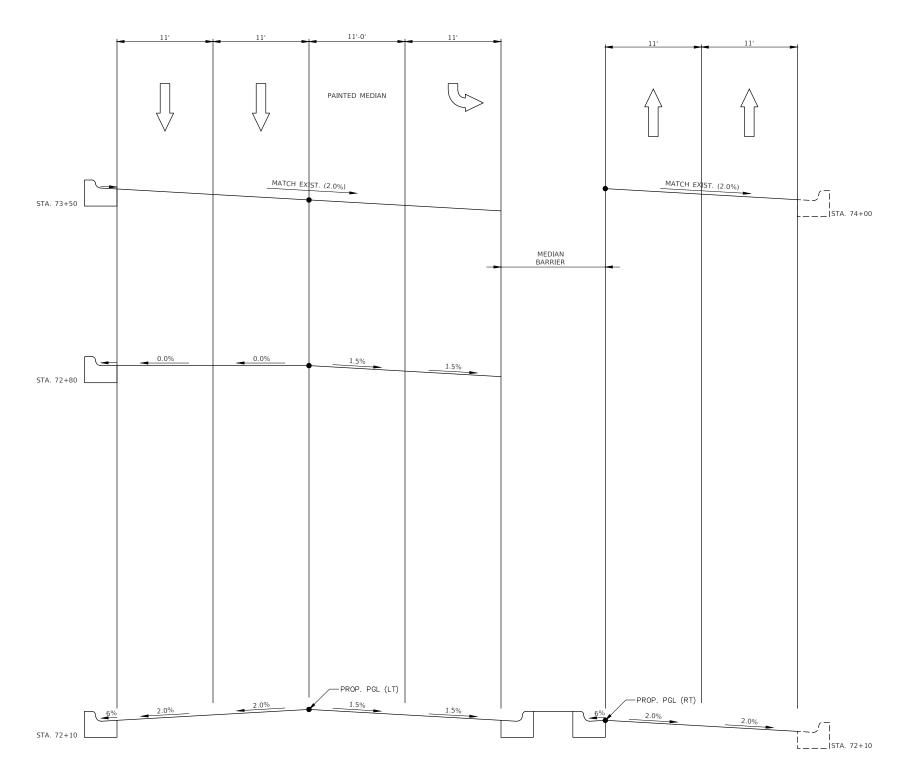
	USER NAME = rtanner	DESIGNED —	CS	REVISED	_	08/13/2021
ì		DRAWN —	RT	REVISED	_	08/23/2021
	PLOT SCALE = \$SCALE\$	CHECKED —	BD	REVISED	_	11/03/2021
	PLOT DATE = $12/2/2021$	DATE —	04/25/2019	REVISED	_	12/02/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

87	th STREET AND WOOD\	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
TEMPORARY PAV	EMENT MARKING & PAY	3580	13-00253-01-CH	DuPage	177	26		
				CONTRAC	NO. 6	1E87		
SCALE: N.T.S.	CALE: N.T.S. SHEET NO. 4 OF 13 SHEETS STA. TO STA. FED. ROAD DIST. NO ILLINOIS FED. AID PROJECT							



WEST BOUND EAST BOUND



NOTE:
THE HIGH SIDE OF THE WEST BOUND
GUTTER WILL BE SET AT 6% UNTIL AN
8% BREAKOVER OCCURS BETWEEN
THE GUTTER PAN AND THE ADJACENT
PAVEMENT. THEREFORE, KEEP THE
HIGH SIDE GUTTER SLOPE AT 6% UP
TO STA. 73+50 THEN MAINTAIN A MAX.
8% BREAKOVER DURING
SUPERELEVATION.

AT ALL SUPERELEVATED AND SUPERELEVATION TRANSITION PAVEMENT SECTIONS, THE GUTTER FLAG SHALL BE SLOPED IN THE SAME DIRECTION AS THE ADJACENT PAVEMENT.

PROPOSED Q 87th. ST. CURVE #1

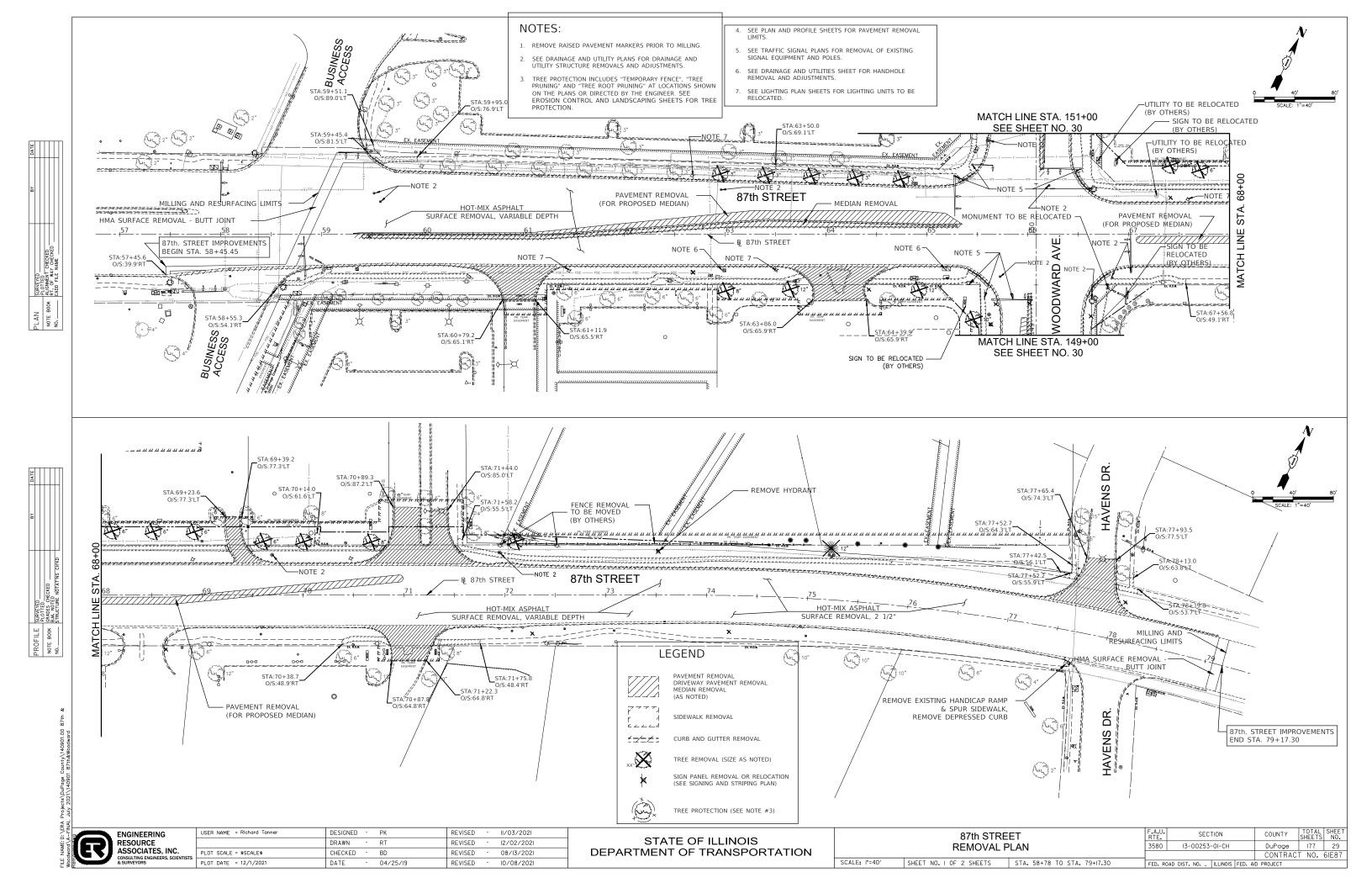
P.I.: 78+08.19 Delta: 24° 07' 29" Radius: 2000.000' Tangent: 427.391 Length: 842.115 External: 45.156 P.C.: 73+87.1351

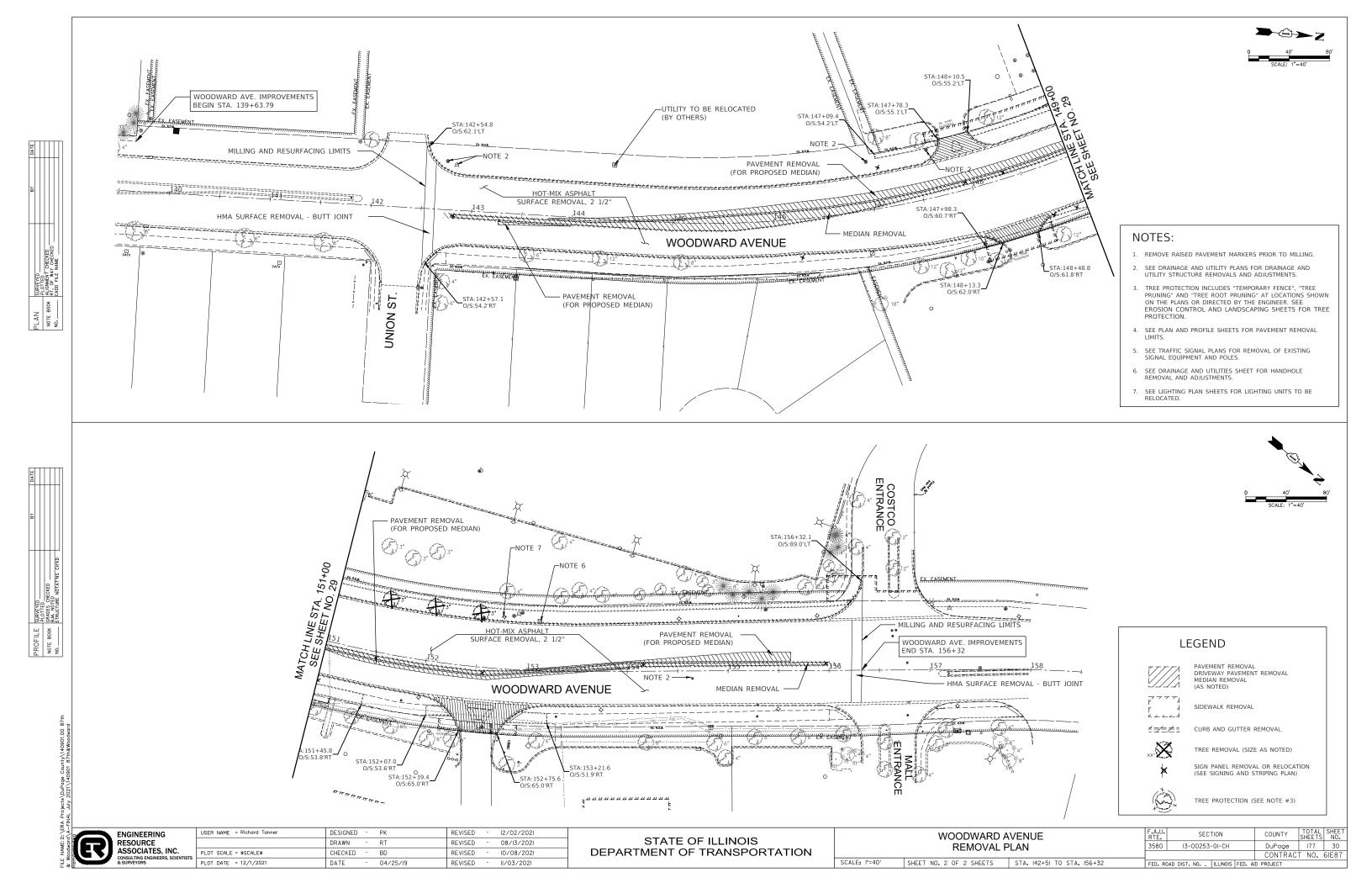
P.T.: 82+29.250

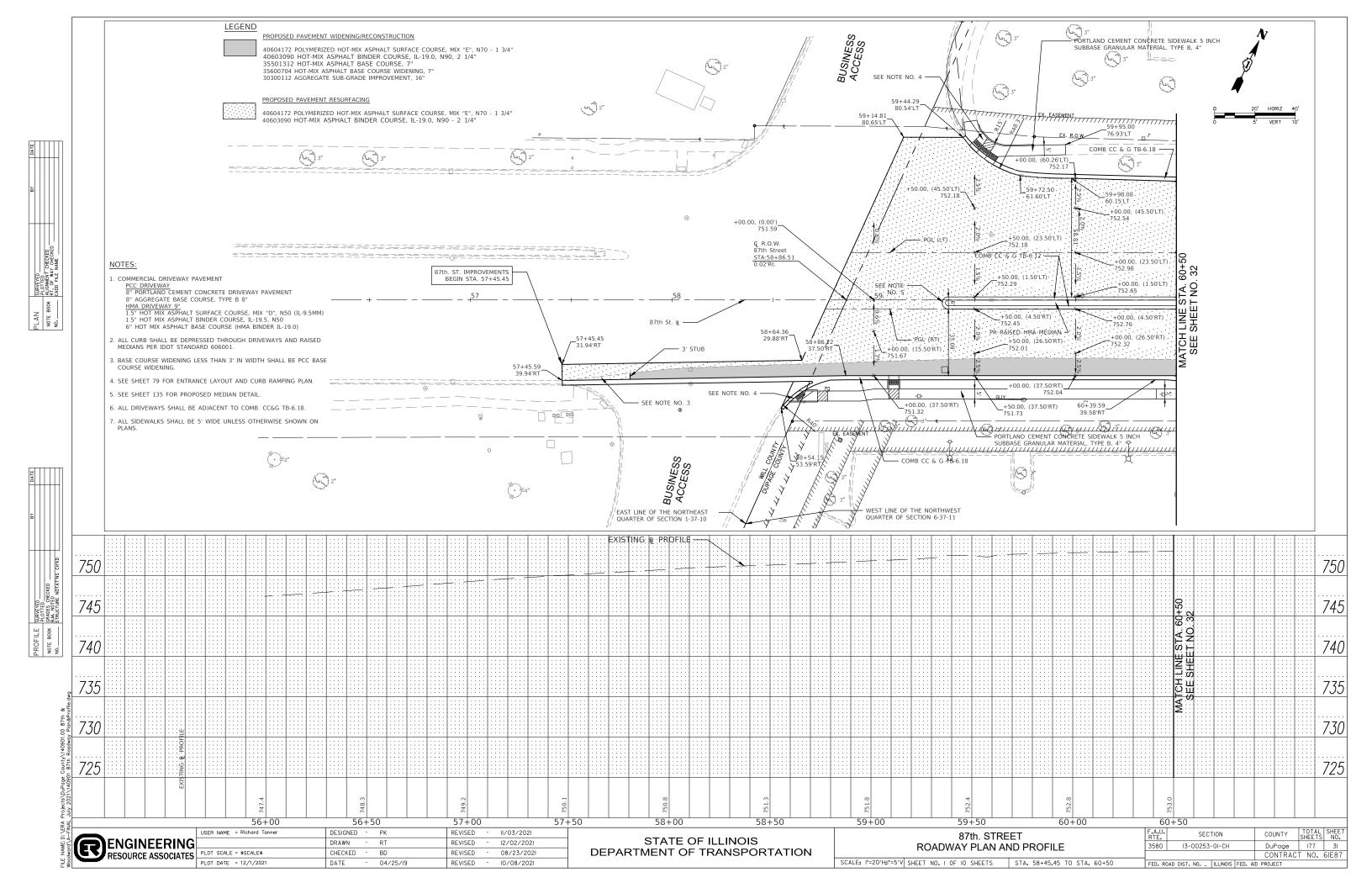
È	
g A	ENGINEERING RESOURCE ASSOCIATES
war	DESCRIBOE ASSOCIATES
8	RESOURCE ASSOCIATES

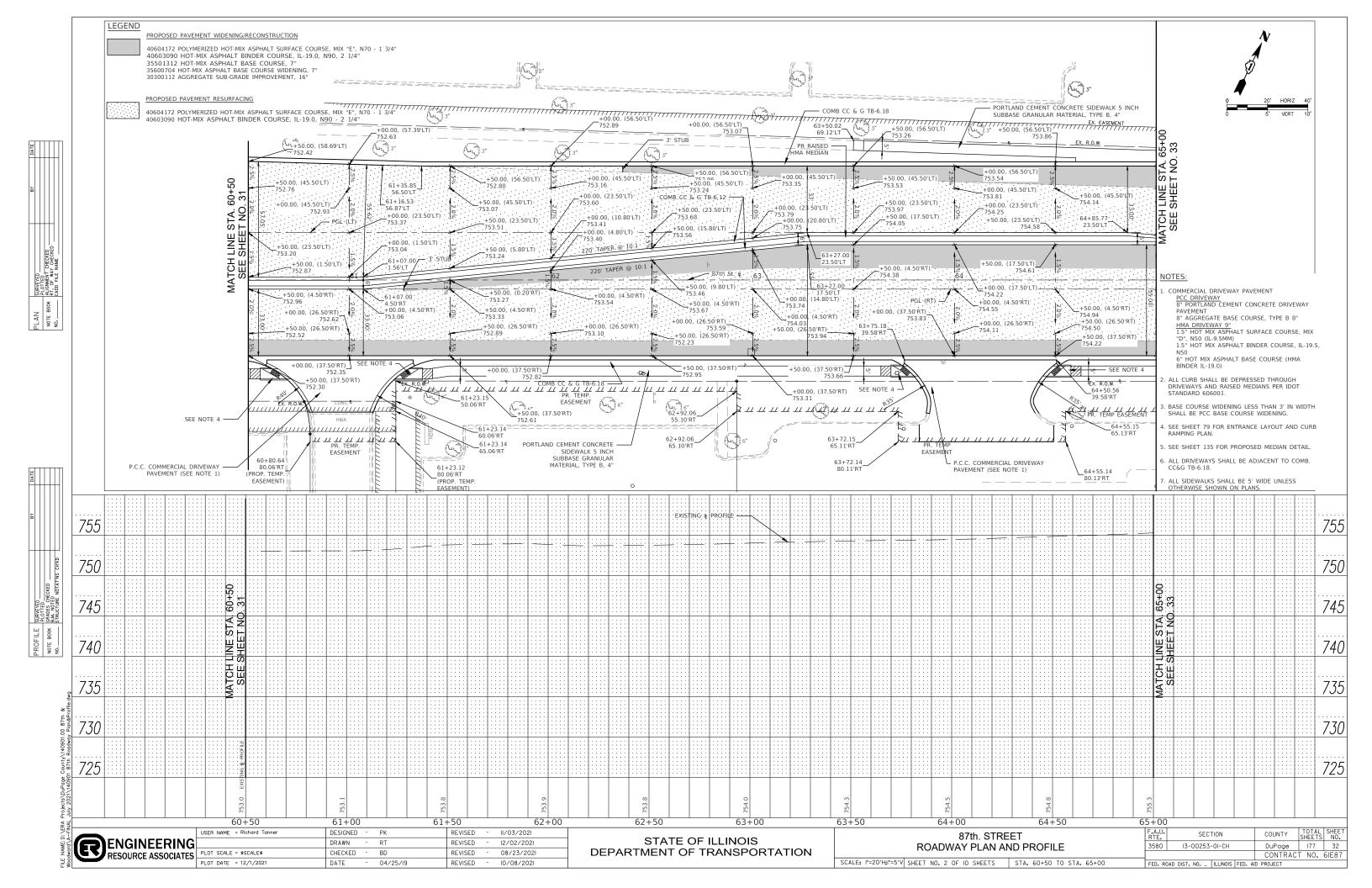
USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	04/25/19
	DRAWN	-	RT	REVISED	-	08/13/2021
PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	10/08/2021
PLOT DATE = 12/2/2021	DATE	-	04/25/19	REVISED	-	

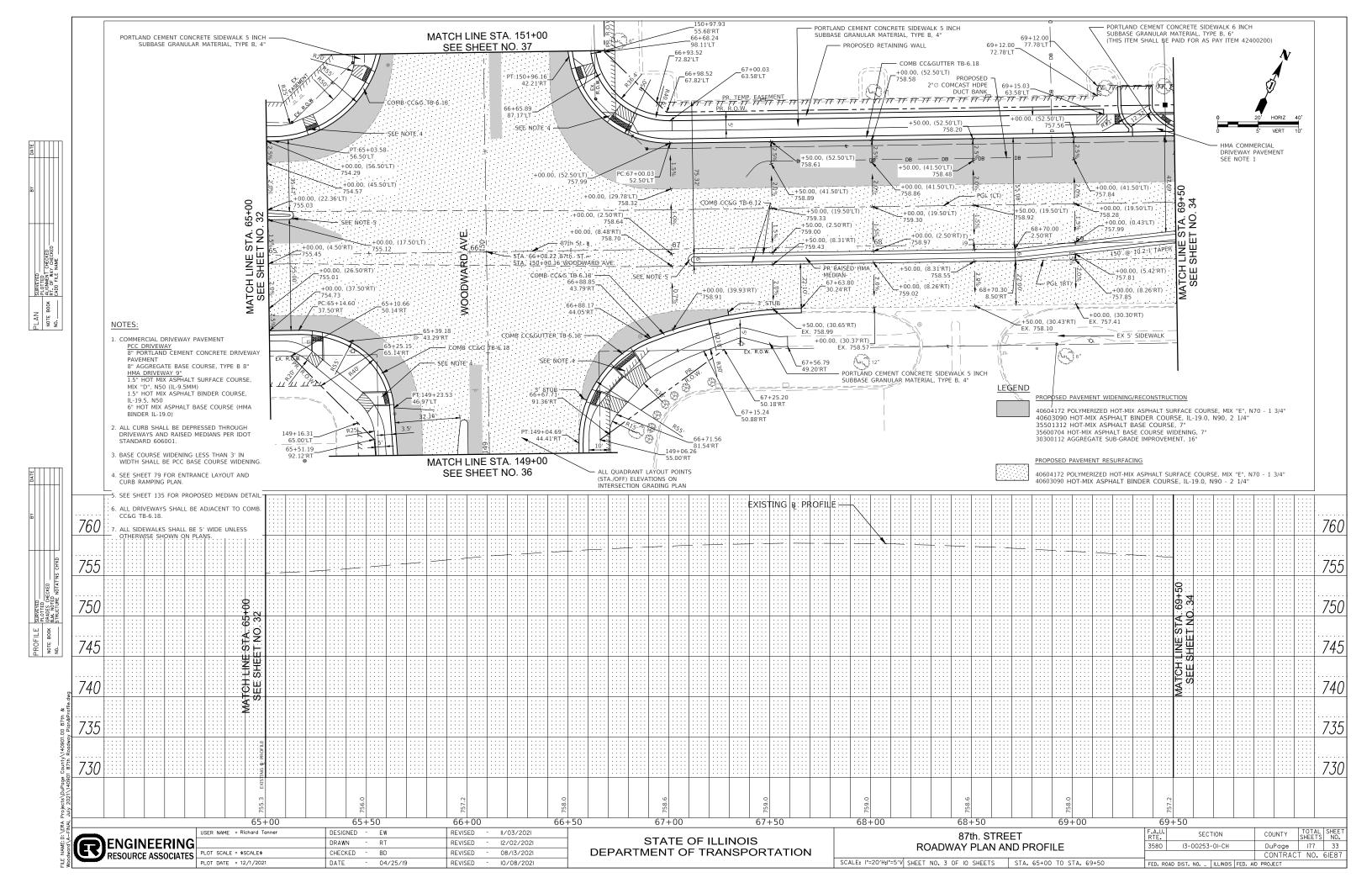
87	87th STREET AND WOODWARD AVENUE				F.A.U. RTE.	SEC1	TION		COUNTY	TOTAI SHEET	SHEET NO.
SUPERELEVATION DATA - CURVE #1				3580	13-00253-0I-CH			DuPage	177	28	
								CONTRAC	CT NO.	6IE87	
	SHEET NO. I OF I SHEETS	STA.	TO STA.		FED, RO	DAD DIST. NO	ILLINOIS	FED. AIL	PROJECT		

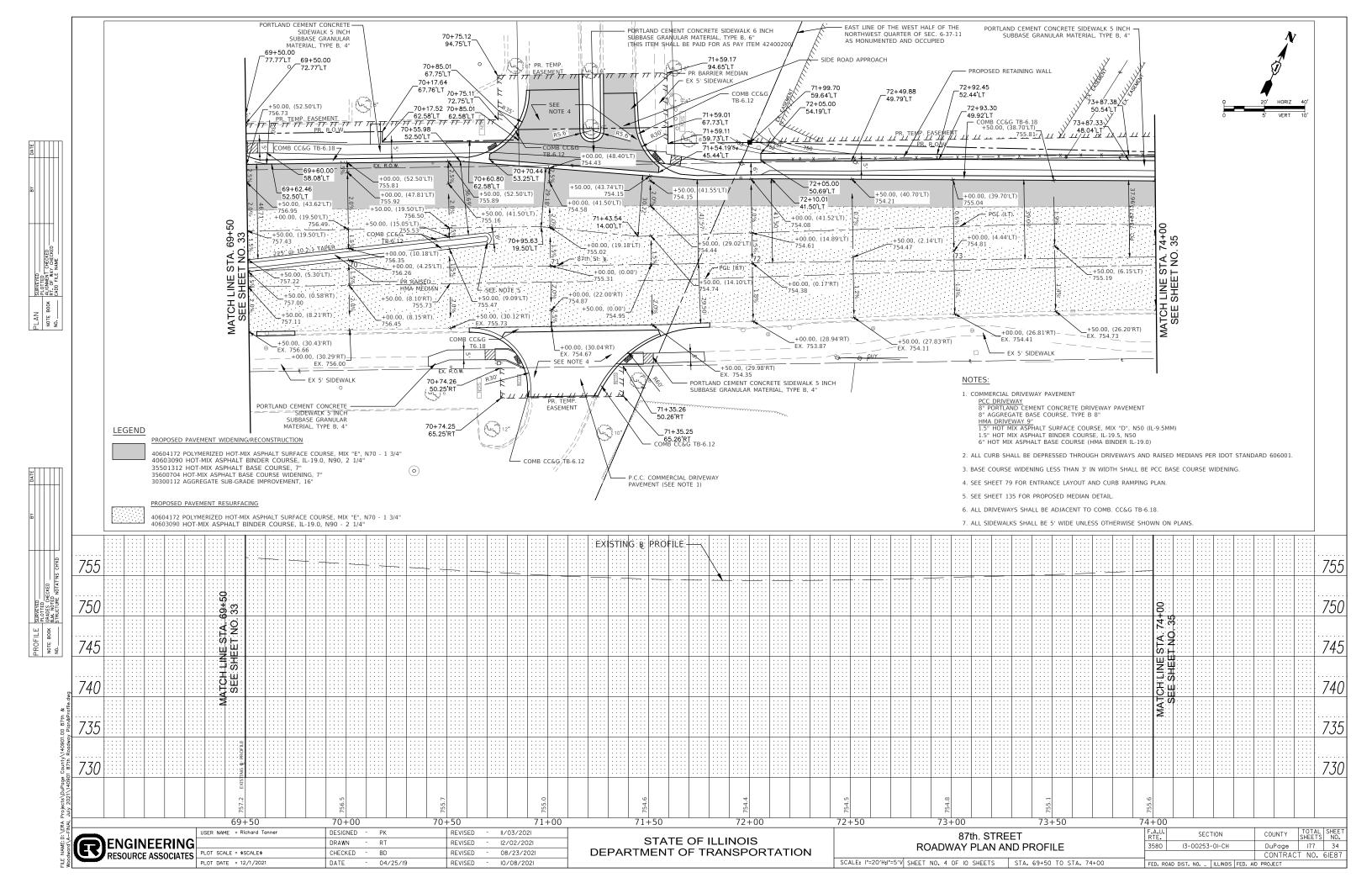


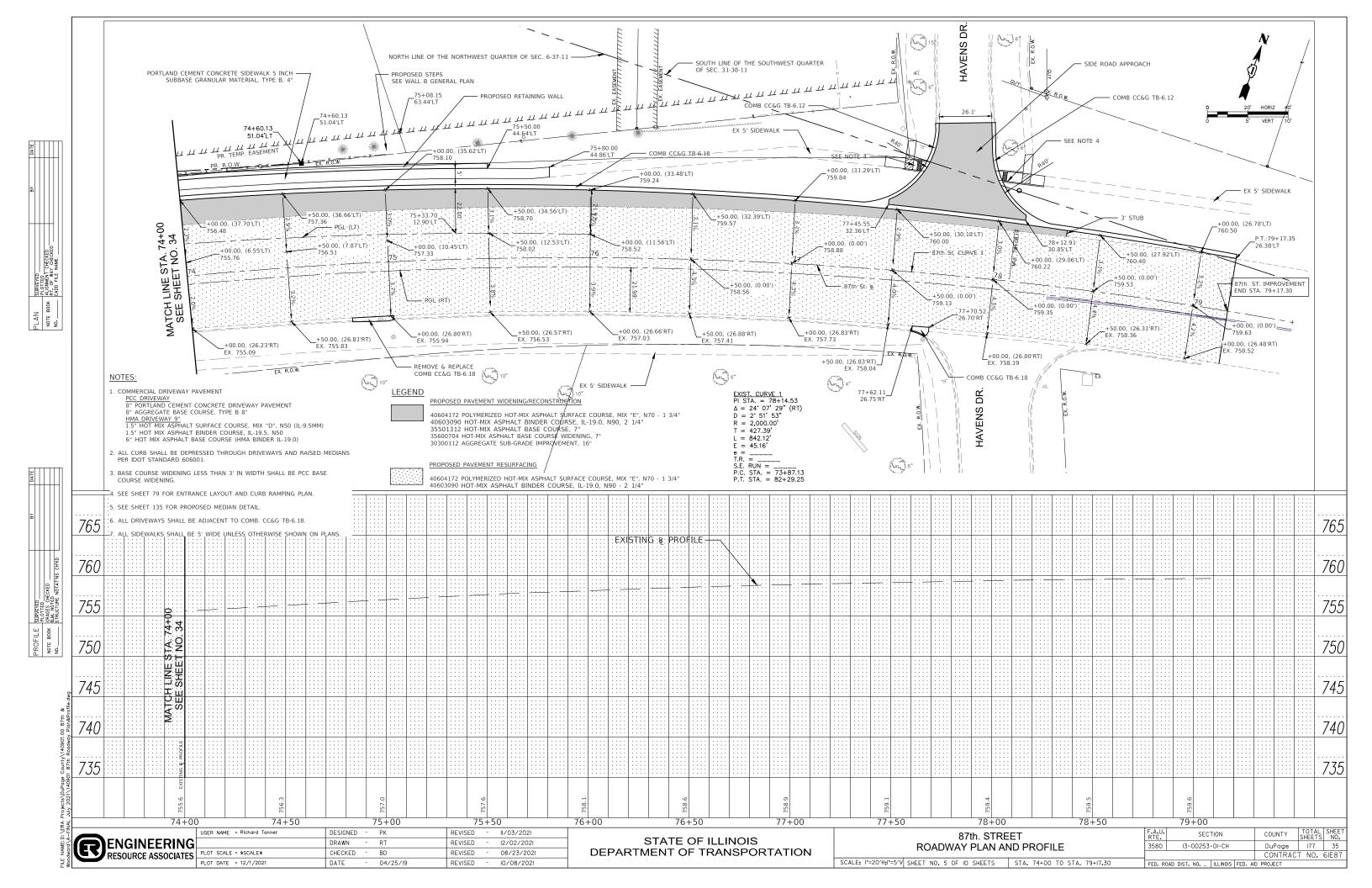


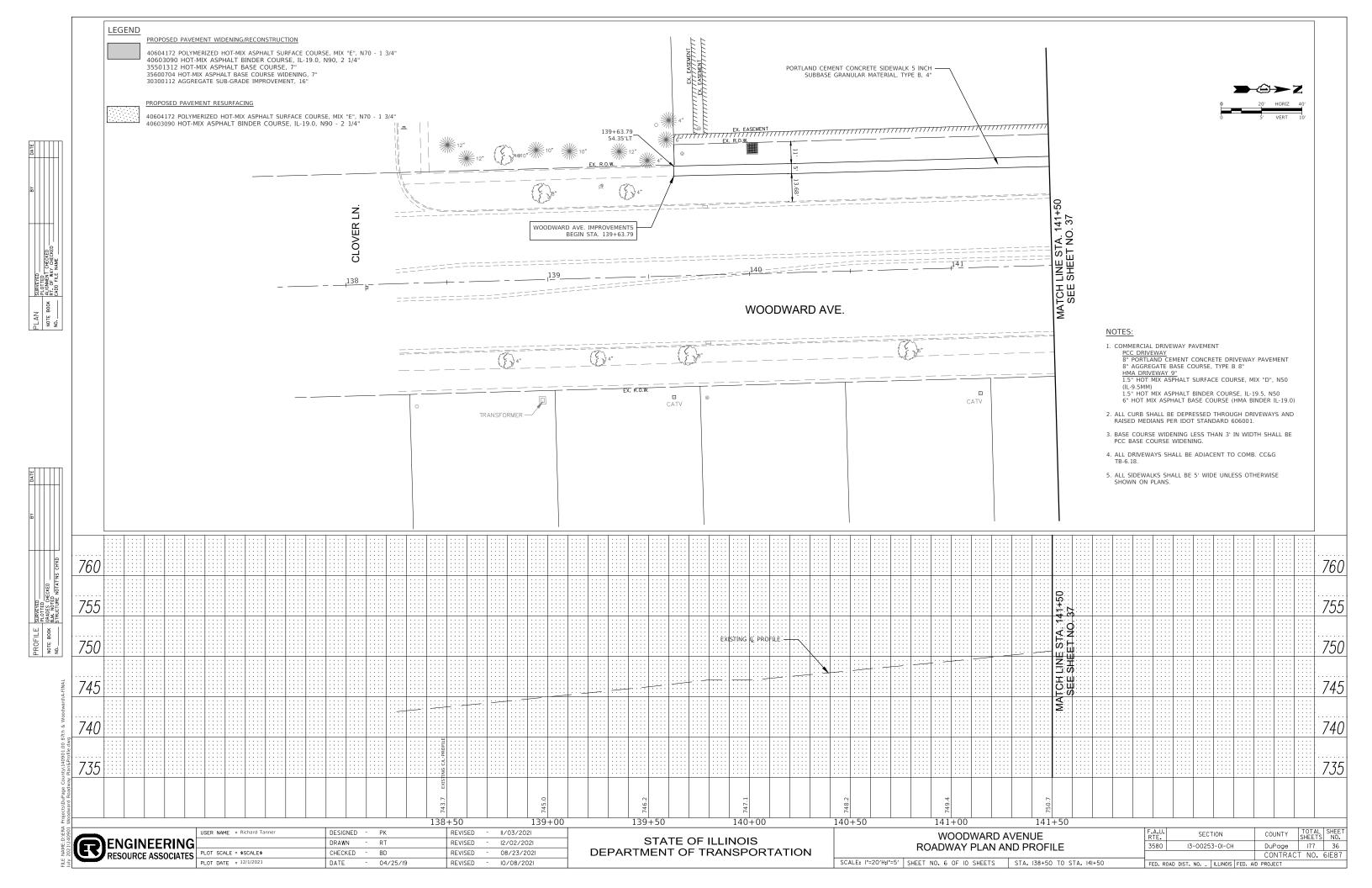


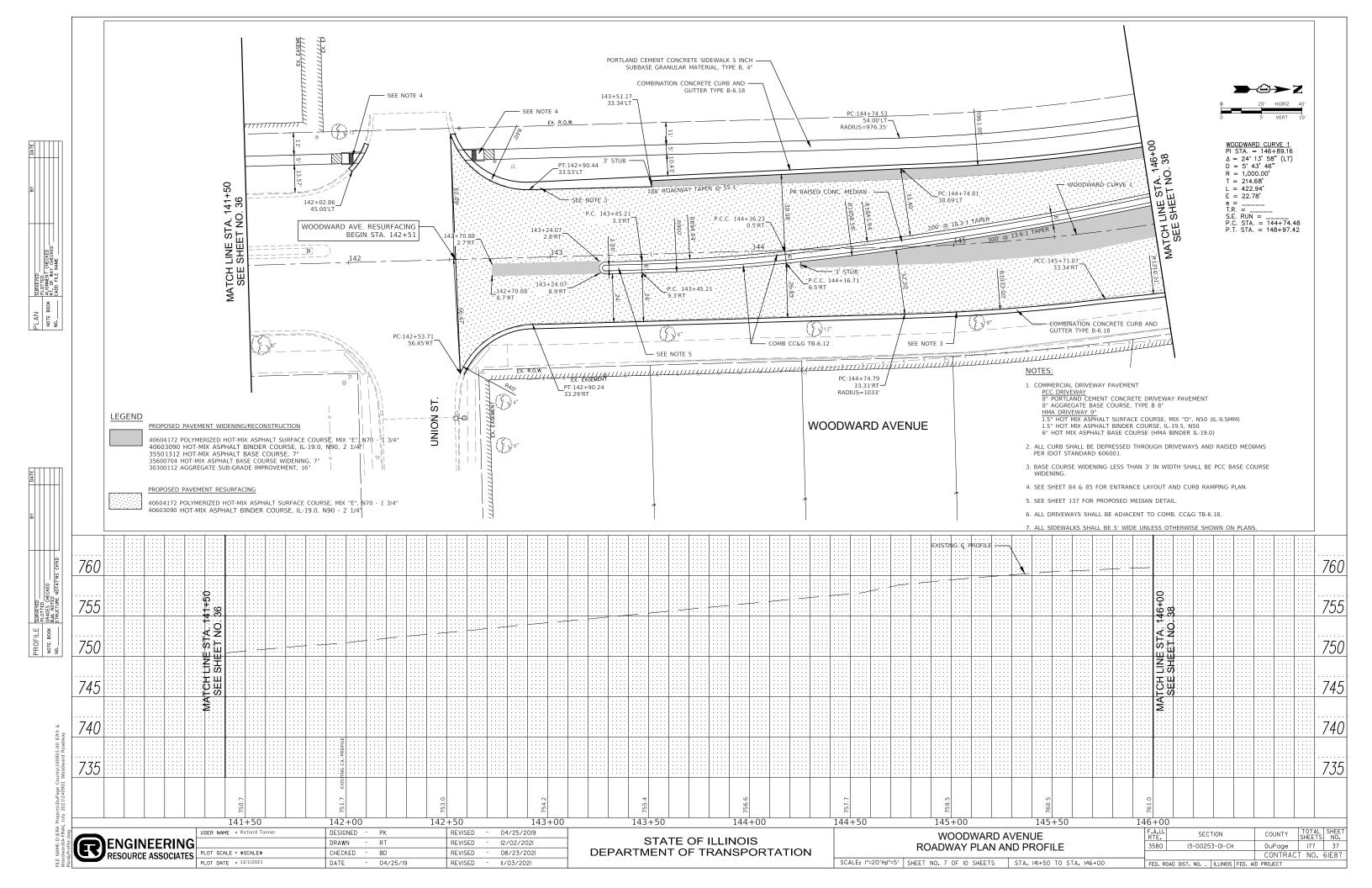


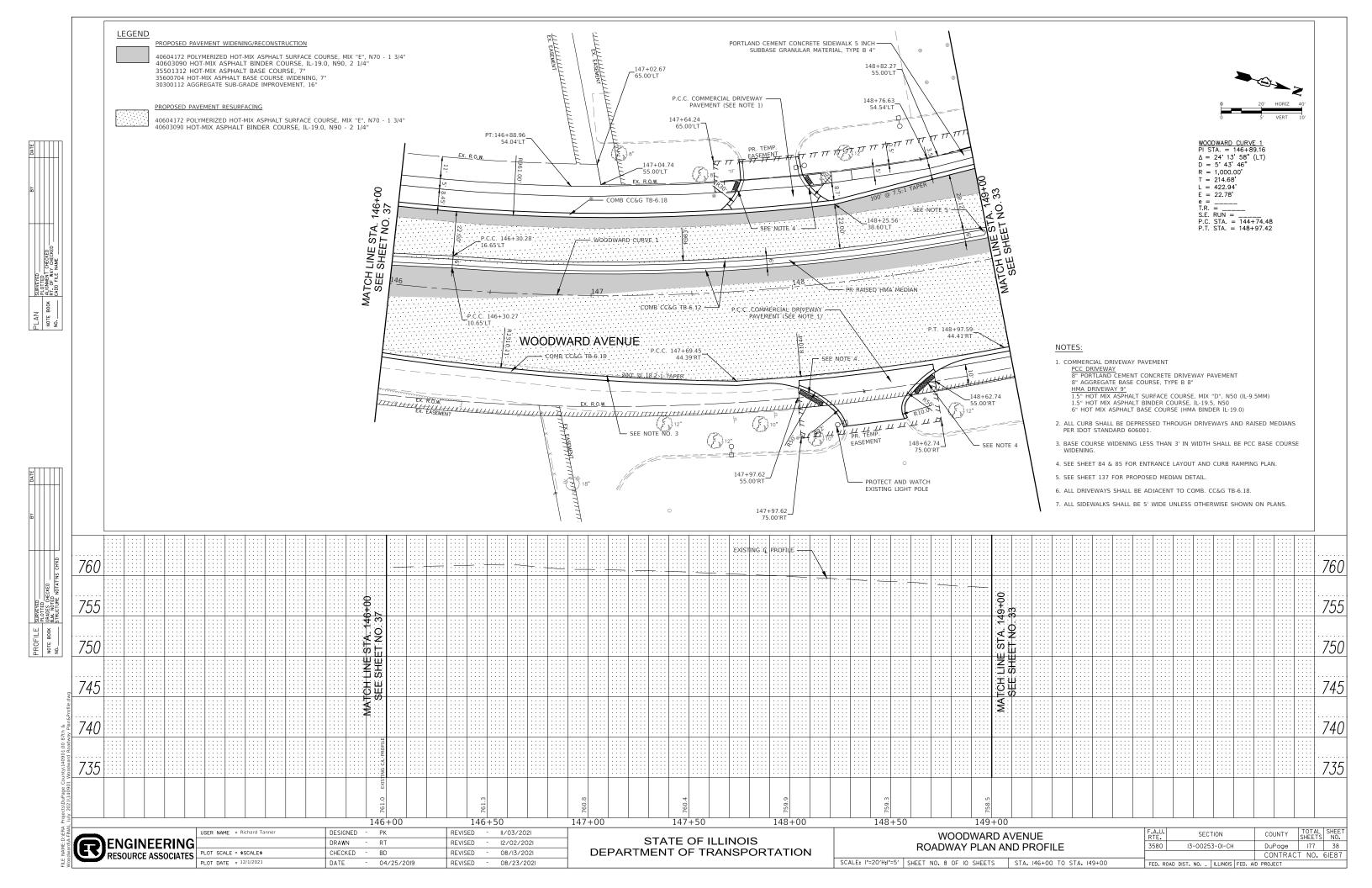


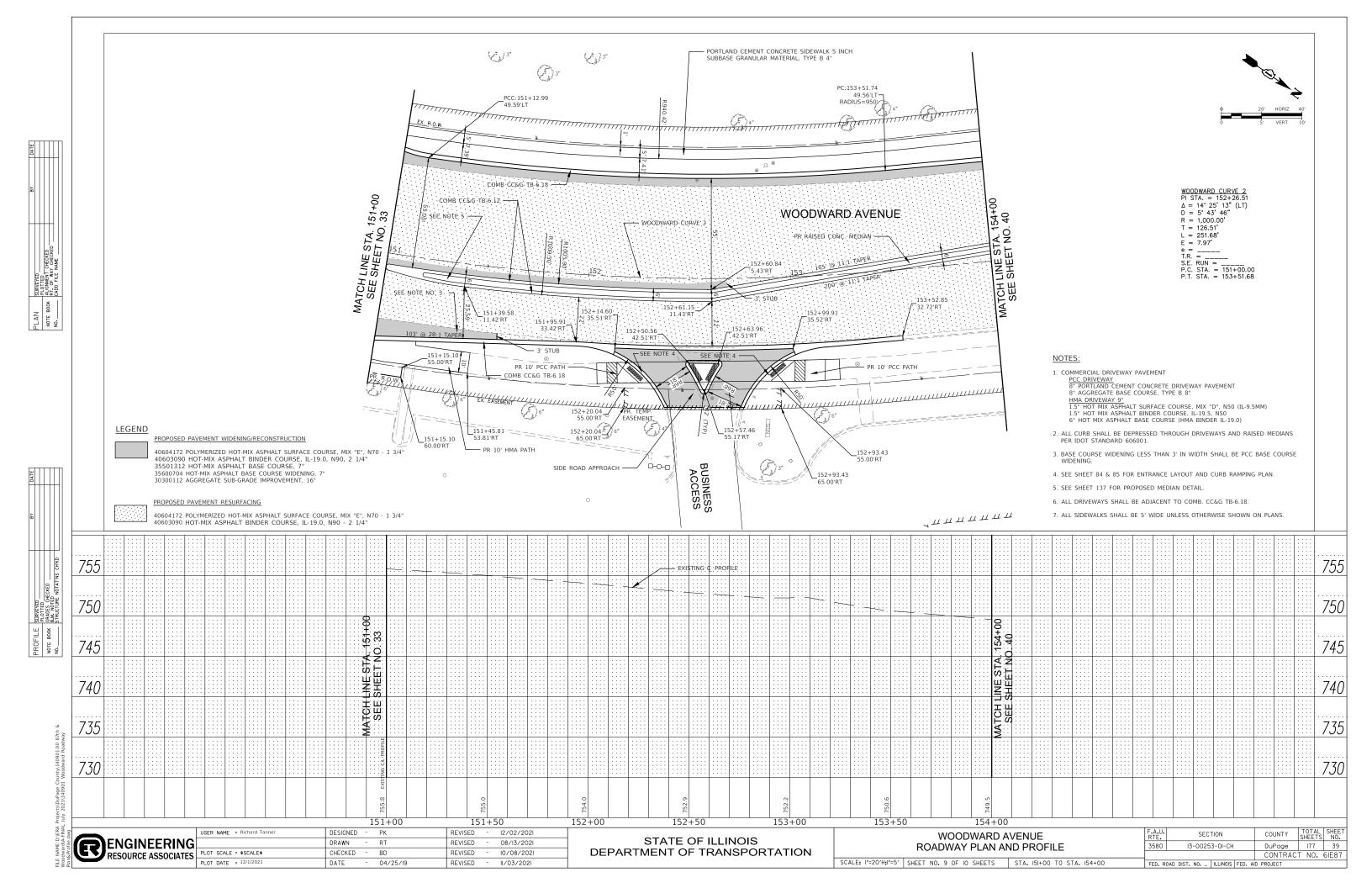


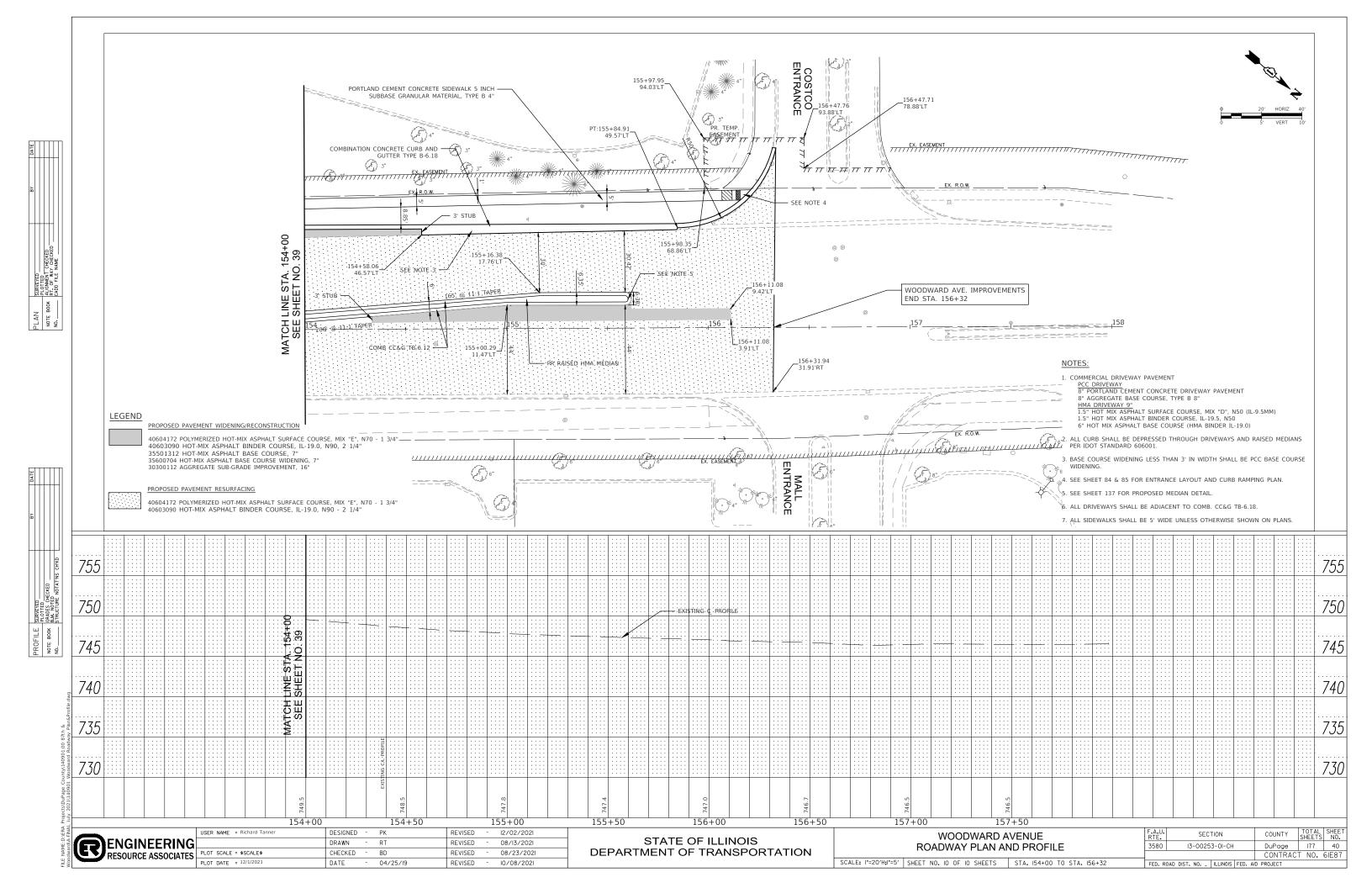












MAINTENANCE OF TRAFFIC GENERAL NOTES

- 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).
- 2. THE TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
- 3. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES MAY BE REMOVED BY THE DUPAGE COUNTY DIVISION OF TRANSPORTATION AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE AT THIS TIME ARE TO BE RELOCATED, MAINTAINED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGED OR LOST SIGNS WILL BE REPLACED BY THE CONTRACTOR
- 4. TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS SHALL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, ALONG TEMPORARY ROADS, DETOURS, AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS. SPACING SHALL BE AS SHOWN ON THE CONSTRUCTION STAGING PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 100 FEET CENTER TO CENTER.
- 5. ANY DROP OFF GREATER THAN THREE (3) INCHES WITHIN SIXTEEN (16) FEET OF A TRAVEL LANE SHALL BE PROTECTED BY TYPE I OR TYPE II BARRICADES, DRUMS OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS AT 50 FOOT (MAXIMUM) CENTER TO CENTER SPACING. IF THE DROP OFF IS GREATER THAN TWENTY-FOUR (24) 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 24 INCHES DOES NOT REMAIN WITHIN SIXTEEN 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 ENGINEER EXPECTS THAT TEMPORARY CONCRETE BARRIER WILL BE REQUIRED FOR A DROP OFF OF GREATER THAN 24 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 70191
- 7. TYPE I OR TYPE II BARRICADES WITH TWO-WAY FLASHING LIGHTS 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.
- 8 WHERE REQUIRED TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION
- 9. TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE I.D.O.T. DETAILS AND STANDARDS ARE THE MINIMI IM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.
- 10. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- 11. ALL CONSTRUCTION SIGNS SHALL HAVE FLORESCENT ORANGE BACKGROUNDS
- 12. ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
- 13. DRUMS AND BARRICADES SHALL MEET THE REQUIREMENTS OF THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 AND THE SUPPLEMENTAL SPECIAL PROVISION "WORK ZONE TRAFFIC CONTROL DEVICES".
- 14. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
- 15. THE FIRST WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.
- 16. "FRESH OIL" SIGNS (W21-2-4848) WITH DATE SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO PRIMING. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION. (SPECIAL)"
- 17. "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT FOR MORE THAN ONE HOUR.
- 18. THE CONTRACTOR SHALL ERECT TEMPORARY STREET NAME SIGNS ON METAL POSTS THROUGHOUT CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
- 19. PEAK HOURS ARE DEFINED AS 6:00 am TO 10:00 am AND 4:00 pm TO 6:00 pm

- 20. ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
- 21. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, DRUMS, WARNING LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE COST OF 'TRAFFIC CONTROL AND PROTECTION, (SPECIAL). QUANTITIES FOR SHORT TERM PAVEMENT MARKING, TEMPORARY PAVEMENT MARKING, AND WORK ZONE PAVEMENT MARKING REMOVAL ARE NOT.
- 22. A QUANTITY OF 500 TONS "AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED FOR USE IN PROVIDING PEDESTRIAN ACCESS ACROSS THE WIDENING AT THE INTERSECTION OF 87TH STREET AND WOODWARD AVENUE.
- 23. ALL INTERSECTING STREETS SHALL BE KEPT OPEN TO TRAFFIC, AS DIRECTED BY THE ENGINEER.
- 24. THE "NEW LANES OPEN STOP HERE" SIGNS SHALL BE PLACED AT ALL DRIVEWAYS AND SIDE ROADS WHEN DIRECTED BY THE ENGINEER. REMOVED WHEN DIRECTED BY THE ENGINEER.
- 25. ALL TRAFFIC CONTROL REQUIRED BETWEEN THE CONTRACT COMPLETION DATE AND THE END OF GUARANTEED WORKING DAYS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)"
- 26. THE SUGGESTED SEQUENCE OF OPERATIONS AND SUMMARY FOR CONSTRUCTION STAGING DOES NOT, NOR IS INTENDED TO, DEPICT ALL THE WORK THAT WILL BE REQUIRED BY THE CONTRACTOR FOR STAGING OPERATIONS DURING THE CONTRACT. THE SEQUENCE OF OPERATIONS IS GIVEN AS AN AID AND GUIDE FOR THE CONTRACTOR'S USE TO ESTABLISH THE NECESSARY GUIDELINES FOR EFFICIENT TRAFFIC OPERATION DURING THE DURATION OF THE CONTRACT
- 27. THE CONTRACTOR MAY WISH TO MAKE REVISIONS OR MODIFICATIONS TO THE SEQUENCE OF CONSTRUCTION OR THE MAINTENANCE OF TRAFFIC PLANS. ALL CHANGES MUST BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL.. REVISIONS TO THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS, REQUESTED BY THE CONTRACTOR, MAY REQUIRE TRAFFIC CONTROL TO BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND/OR DESIGNS OTHER THAN THOSE INCLUDED IN THE PLANS. REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS REQUESTED BY THE CONTRACTOR REQUIRING ADDITIONAL SIGNS, FLAGGERS, BARRICADES OR OTHER TRAFFIC CONTROL DEVISES OVER AND ABOVE THOSE SPECIFIED WILL BE AT THE CONTRACTOR'S EXPENSE.
- 28. SHORT TERM PAVEMENT MARKING SHALL BE TAPE AND USED FOR SHORT-TERM MAINTENANCE OF TRAFFIC AND ON NEW SURFACE COURSE, BEFORE THE THERMOPLASTIC IS INSTALLED. TEMPORARY PAVEMENT MARKING SHALL BE PAINT AND USED FOR MAINTENANCE OF TRAFFIC ON MILLED SURFACES BEFORE SURFACE COURSE IS PLACED.

ACCESS MAINTENANCE NOTES

MAINTAINING ACCESS TO DRIVEWAYS IS OF THE UTMOST IMPORTANCE. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUB-STAGING THE CONSTRUCTION OF DRIVEWAYS. THE CONTRACTOR SHALL FOLLOW THESE PROCEDURES TO ENSURE PROPER DRIVEWAY ACCESS WHEN DIRECTED BY THE ENGINEER.

- 1. THE CONTRACTOR SHALL WORK WITH ADJACENT BUSINESS OWNERS TO DETERMINE DRIVEWAY RECONSTRUCTION SCHEDULING. ALL DRIVEWAY CLOSURES SHALL BE APPROVED BY THE ENGINEER
- 2. A 4" PVC DRAIN SHALL BE PLACED UNDER TEMPORARY DRIVES TO PROVIDE POSITIVE DRAINAGE WHEN THE ROADWAY IS EXCAVATED.

SIDEWALK MAINTENANCE NOTES

THE SIDEWALK ON ONE SIDE OF THE STREET MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES. SIGNING DIRECTING PEDESTRIANS TO THE OPEN SIDEWALK SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 701801-06.

CONSTRUCTION STAGING

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.

PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.

PRE-STAGE CONSTRUCTION ACTIVITIES (NOT ILLUSTRATED)

- INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF 87TH STREET AND WOODWARD AVENUE. THE EXISTING SIGNALS SHALL BE TURNED OFF AND REMOVED OR COVERED AT THE SAME TIME THE TEMPORARY SIGNALS ARE ACTIVATED.
- 2. REMOVE EXISTING SIGNAL POLES AND EQUIPMENT.
- 3. INSTALL STREET LIGHTING FOUNDATIONS AND RUN UNIT DUCT EXCEPT FOR THE TWO LIGHT FOUNDATIONS AND LIGHT POLES ADJACENT TO THE PROPOSED RETAINING WALL ALONG THE NORTH SIDE OF 87TH STREET. TEMPORARY LIGHT POLES AT THESE LOCATIONS WILL BE INSTALLED UNTIL THE PERMANENT LIGHT FOUNDATION AND LIGHT POLES ARE CONSTRUCTED IN STAGE 1. RELOCATE EXISTING STREET LIGHTING POLES SHOWN FOR RELOCATION. LIGHTING MUST BE OPERATIONAL AT THE CONCLUSION OF EACH WORKING DAY AND THRU THE DURATION OF THE PROJECT.
- 4. REMOVE EXISTING MEDIANS AND CONSTRUCT AGGREGATE SUBGRADE AND BASE COURSE FOR PROPOSED MEDIAN USING DAILY LANE CLOSURES IN ACCORDANCE WITH IDOT STANDARD 701701.
- 5. INSTALL AND MAINTAIN ALL NECESSARY EROSION CONTROL THROUGHOUT THE LENGTH OF THE PROJECT.
- 6. COORDINATE THE RELOCATION OF EXISTING UTILITIES IN CONFLICT WITH THE PROPOSED IMPROVEMENTS WITH LITHLITY COMPANIES.
- PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKING, BARRICADES, AND ADJUST TEMPORARY TRAFFIC SIGNALS AND SHIFT TRAFFIC FOR SUBSEQUENT STAGE 1 AS INDICATED.

STAGE 1 CONSTRUCTION ACTIVITIES

- REMOVE EXISTING CURB AND GUTTER, SIDEWALK, DRAINAGE STRUCTURES AND STORM SEWER WHILE
 MAINTAINING DRAINAGE THROUGHOUT CONSTRUCTION PERIOD, ENTRANCES AND OTHER ITEMS WITHIN THE
 PROPOSED STAGE CONSTRUCTION LIMITS OF BOTH 87TH STREET AND WOODWARD AVENUE AS SHOWN.
- 2. CONSTRUCT THE PROPOSED PAVEMENT INCLUDING BINDER COURSE, CURB AND GUTTER, RETAINING WALL, SIDEWALK, ENTRANCES, DRAINAGE STRUCTURES, DRAINAGE PIPES, CONDUITS & HANDHOLES FOR PERMANENT TRAFFIC SIGNALS AND PERMANENT TRAFFIC SIGNALS WITHIN THE PROPOSED CONSTRUCTION WORK ZONE LIMITS FOR BOTH 87TH STREET AND WOODWARD AVENUE AS SHOWN. STORM SEWER LATERALS ARE TO BE BUILT UNDER DAILY LANE CLOSURE WITH FLAGGERS.
- COORDINATE THE RELOCATION OF EXISTING UTILITIES IN CONFLICT WITH THE PROPOSED IMPROVEMENTS WITH UTILITY COMPANIES.
- 4. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKING, BARRICADES, AND REPOSITION TEMPORARY TRAFFIC SIGNALS TO ACCOMMODATE THE TEMPORARY LANE CONFIGURATIONS FOR STAGE 2 CONSTRUCTION. THIS MUST BE COMPLETED BEFORE THE IMPLEMENTATION OF THE STAGE 2 TRAFFIC CONFIGURATION.

STAGE 2 CONSTRUCTION ACTIVITIES

- 1. REMOVE EXISTING CURB AND GUTTER, SIDEWALK, DRAINAGE STRUCTURES AND STORM SEWER WHILE MAINTAINING DRAINAGE THROUGHOUT CONSTRUCTION PERIOD, ENTRANCES AND OTHER ITEMS WITHIN THE PROPOSED STAGE CONSTRUCTION LIMITS OF BOTH 87TH STREET AND WOODWARD AVENUE AS SHOWN.
- 2. CONSTRUCT THE PROPOSED PAVEMENT INCLUDING BINDER COURSE, CURB AND GUTTER, SIDEWALK, ENTRANCES, DRAINAGE STRUCTURES, DRAINAGE PIPES, CONDUITS & HANDHOLES FOR PERMANENT TRAFFIC SIGNALS AND PERMANENT TRAFFIC SIGNALS WITHIN THE PROPOSED CONSTRUCTION WORK ZONE LIMITS FOR BOTH 87TH STREET AND WOODWARD AVENUE AS SHOWN. STORM SEWER LATERALS ARE TO BE BUILT UNDER DAILY LANE CLOSURE WITH FLAGGERS.
- 3. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKING, BARRICADES, AND REPOSITION TEMPORARY TRAFFIC SIGNALS TO ACCOMMODATE THE TEMPORARY LANE CONFIGURATIONS FOR STAGE 3 CONSTRUCTION. THIS MUST BE COMPLETED BEFORE THE IMPLEMENTATION OF THE STAGE 3 TRAFFIC CONFIGURATION.

STAGE 3 CONSTRUCTION ACTIVITIES

- CONSTRUCT THE PROPOSED MEDIANS, DRAINAGE STRUCTURES AND TRANSVERSE DRAINAGE PIPES WITHIN THE PROPOSED CONSTRUCTION WORK ZONE LIMITS FOR BOTH 87TH STREET AND WOODWARD AVENUE AS SHOWN.
- 2. POSITION PROPOSED TRAFFIC SIGNALS INTO FINAL CONFIGURATIONS, ONCE THE CONSTRUCTION OF THE PROPOSED SIGNALS HAS BEEN COMPLETE, DEACTIVATE THE TEMPORARY TRAFFIC SIGNAL SYSTEMS.

STAGE 4 CONSTRUCTION ACTIVITIES (NOT ILLUSTRATED)

- 1. MILL EXISTING PAVEMENT ON 87TH STREET AND WOODWARD AVENUE IN LOCATIONS SHOWN ON THE PLANS.
- 2. CONSTRUCT LEVELING BINDER AND FINAL SURFACE COURSE OF HOT-MIX ASPHALT THROUGHOUT THE PROJECT WITH FINAL PAVEMENT MARKING DURING OFF-PEAK DAY TIME OPERATIONS.
- 3. INSTALL PROPOSED SIGNAGE
- 4. COMPLETE FINAL LANDSCAPING.
- 5. REMOVE REMAINDER OF TEMPORARY TRAFFIC CONTROL ITEMS.

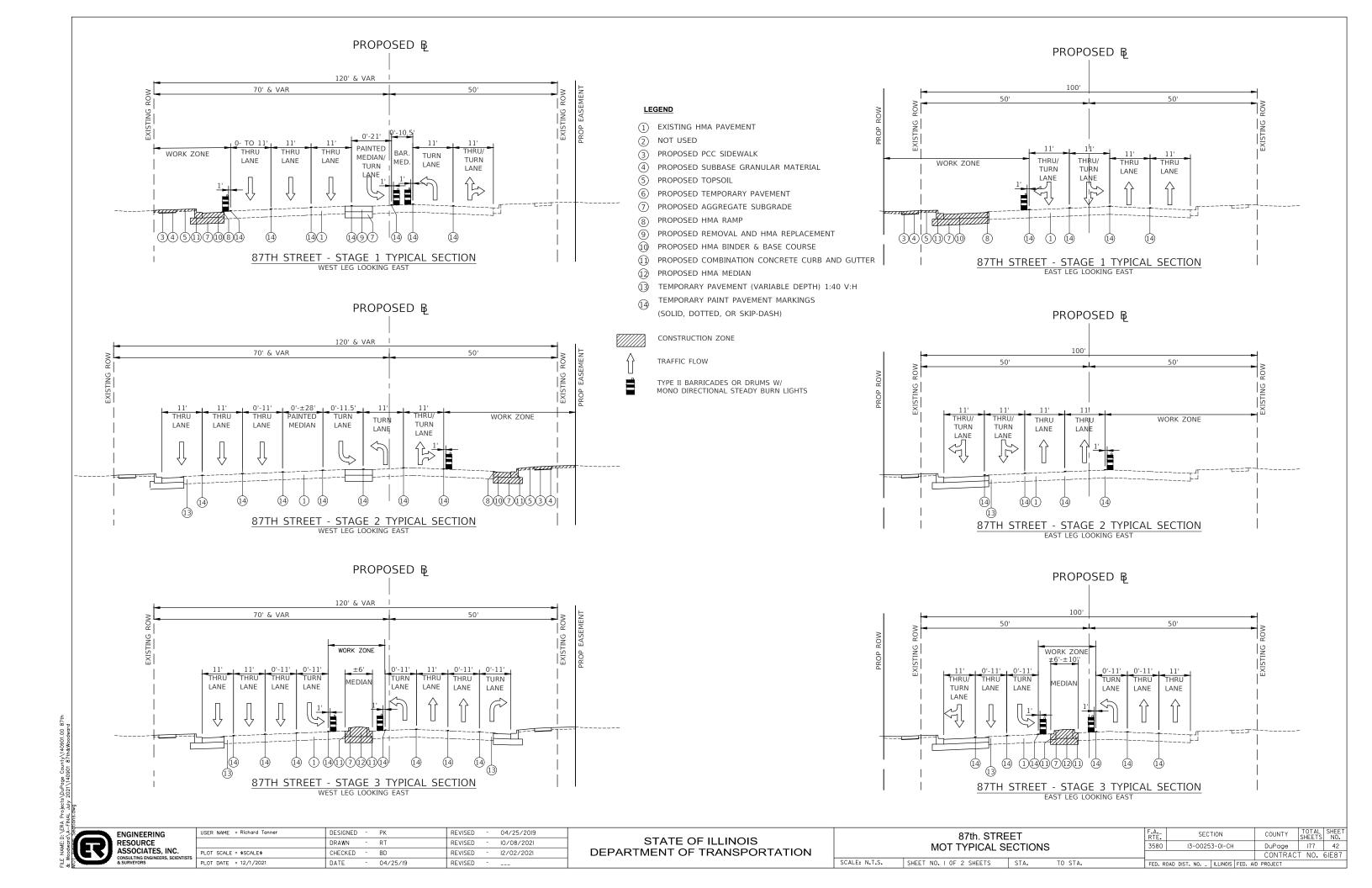
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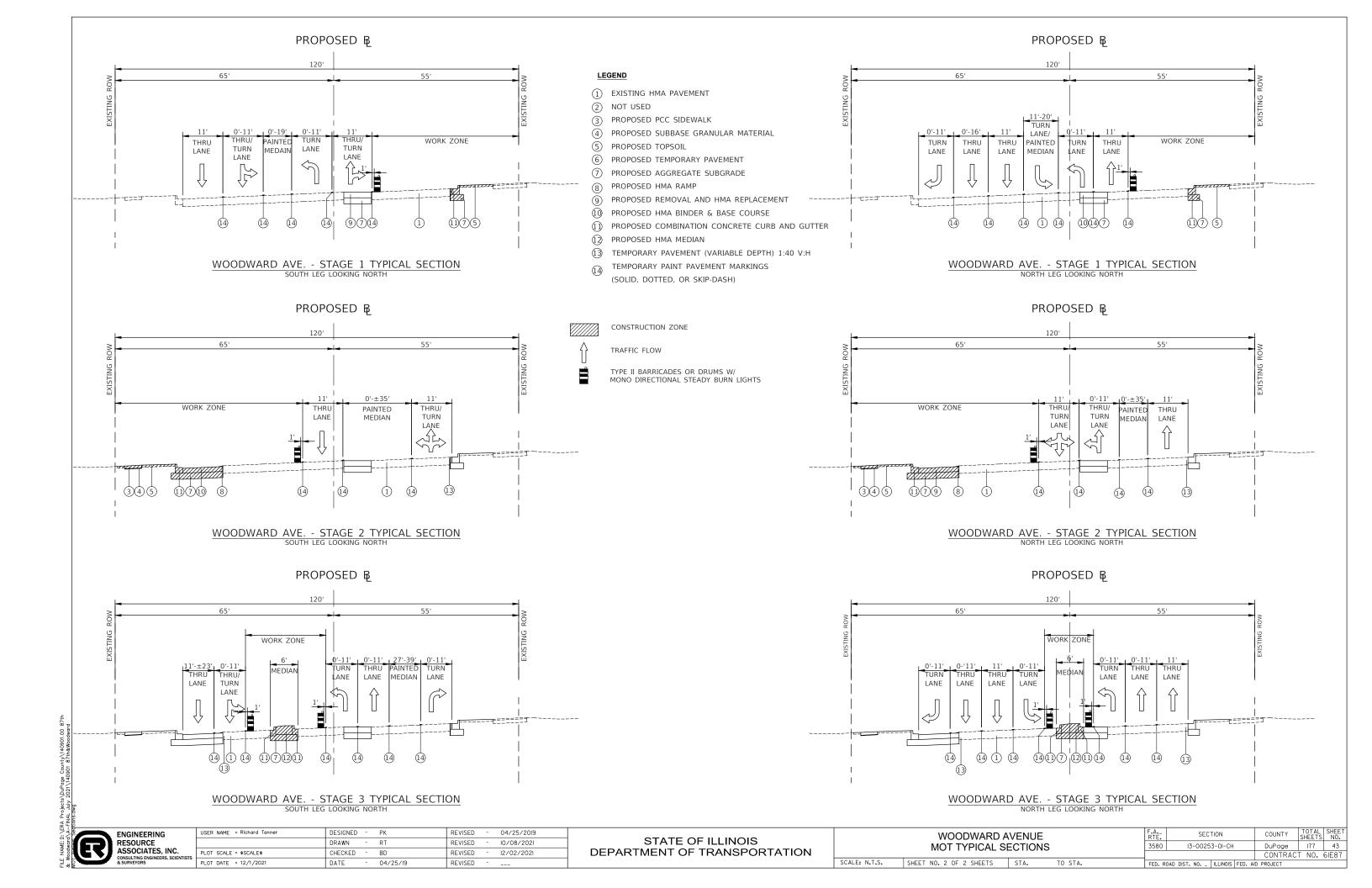


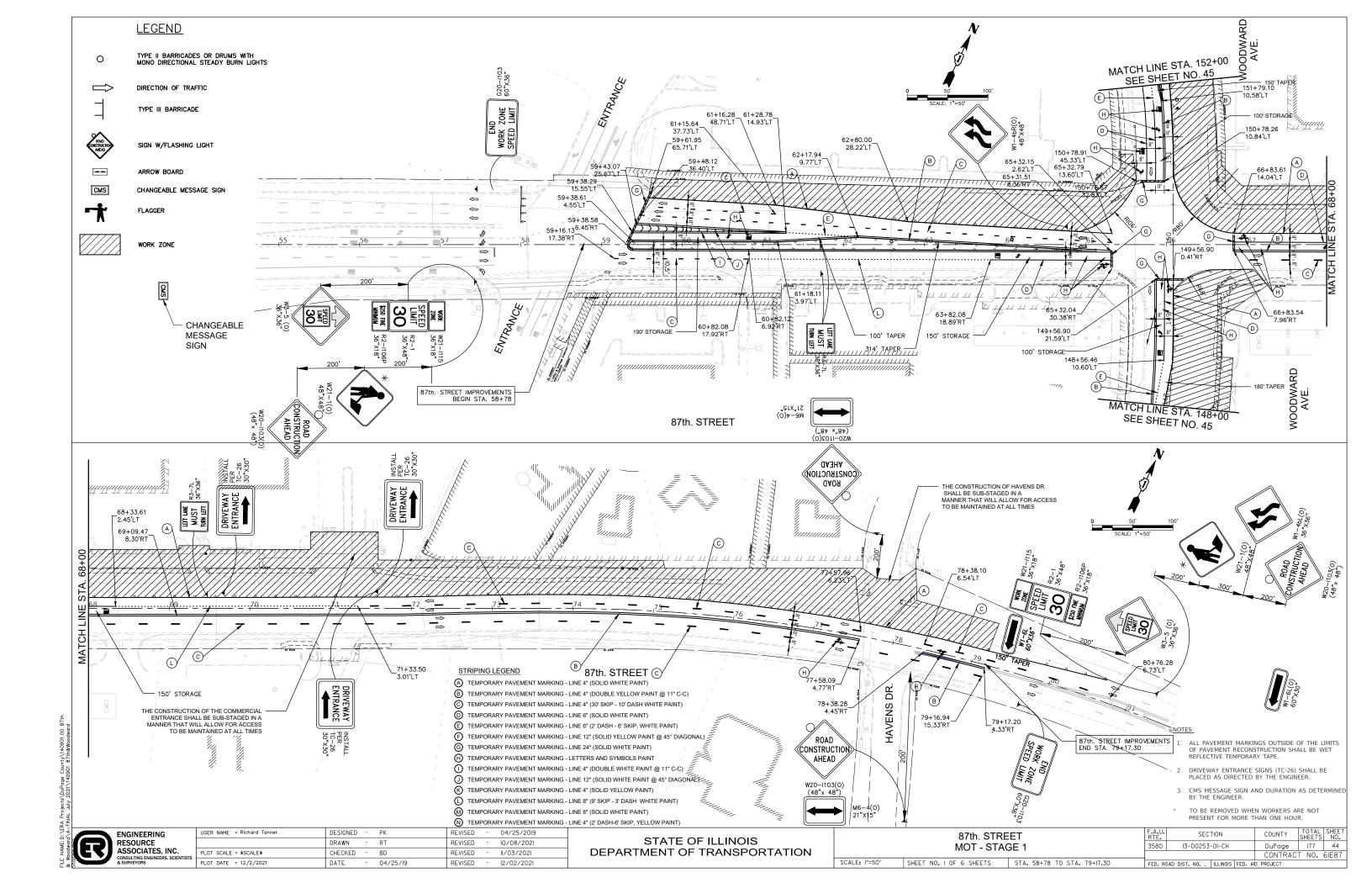
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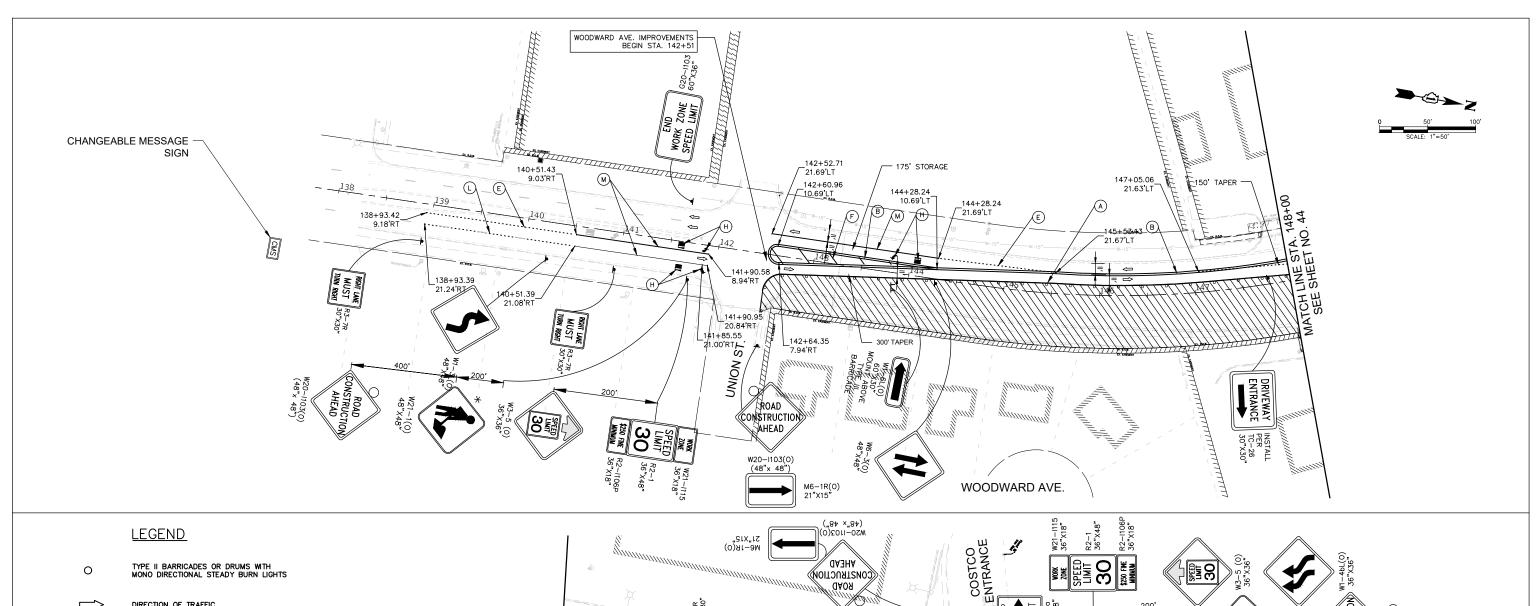
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SCALE: N.T.S.









DIRECTION OF TRAFFIC

SIGN W/FLASHING LIGHT

TYPE III BARRICADE

CMS

CHANGEABLE MESSAGE SIGN

FLAGGER

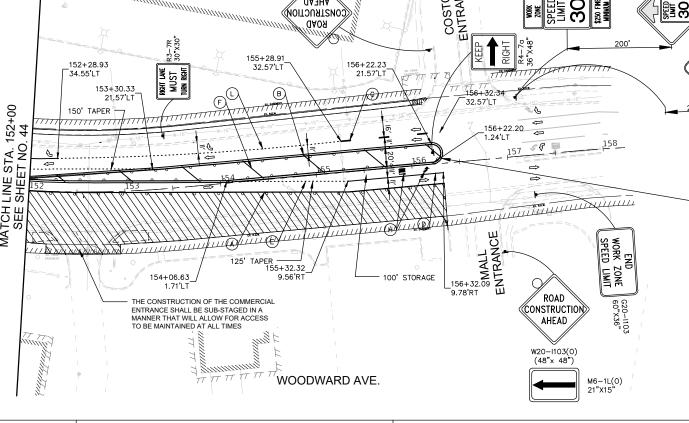
WORK ZONE

NOTES:

- ALL PAVEMENT MARKINGS OUTSIDE OF THE LIMITS
 OF PAVEMENT RECONSTRUCTION SHALL BE WET
 REFLECTIVE TEMPORARY TAPE.
- 2. DRIVEWAY ENTRANCE SIGNS (TC-26) SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
- 3. CMS MESSAGE SIGN AND DURATION AS DETERMINED BY THE ENGINEER.
- TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



		MATCH LINE STA. 1 SEE SHEET NO.
EVISED	-	04/25/2019
EVISED	-	10/08/2021
EVISED		11/03/2021



SCALE: I"=50'

(SOLID WHITE PAINT) B TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW PAINT @ 11" C-C)

CHANGEABLE MESSAGE

WOODWARD AVE. IMPROVEMENTS END STA. 156+32

(C) TEMPORARY PAVEMENT MARKING - LINE 4" (30' SKIP - 10' DASH WHITE PAINT)

E TEMPORARY PAVEMENT MARKING - LINE 6" (2' DASH - 6' SKIP, WHITE PAINT) (F) TEMPORARY PAVEMENT MARKING - LINE 12" (SOLID YELLOW PAINT @ 45° DIAGONAL)

(H) TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS PAINT

TEMPORARY PAVEMENT MARKING - LINE 4" (DOUBLE WHITE PAINT @ 11" C-C) ① TEMPORARY PAVEMENT MARKING - LINE 12" (SOLID WHITE PAINT @ 45° DIAGONAL)

(K) TEMPORARY PAVEMENT MARKING - LINE 4" (SOLID YELLOW PAINT)

TEMPORARY PAVEMENT MARKING - LINE 8" (9' SKIP - 3' DASH WHITE PAINT) M TEMPORARY PAVEMENT MARKING - LINE 8" (SOLID WHITE PAINT)

N TEMPORARY PAVEMENT MARKING - LINE 4" (2' DASH-6' SKIP, YELLOW PAINT)

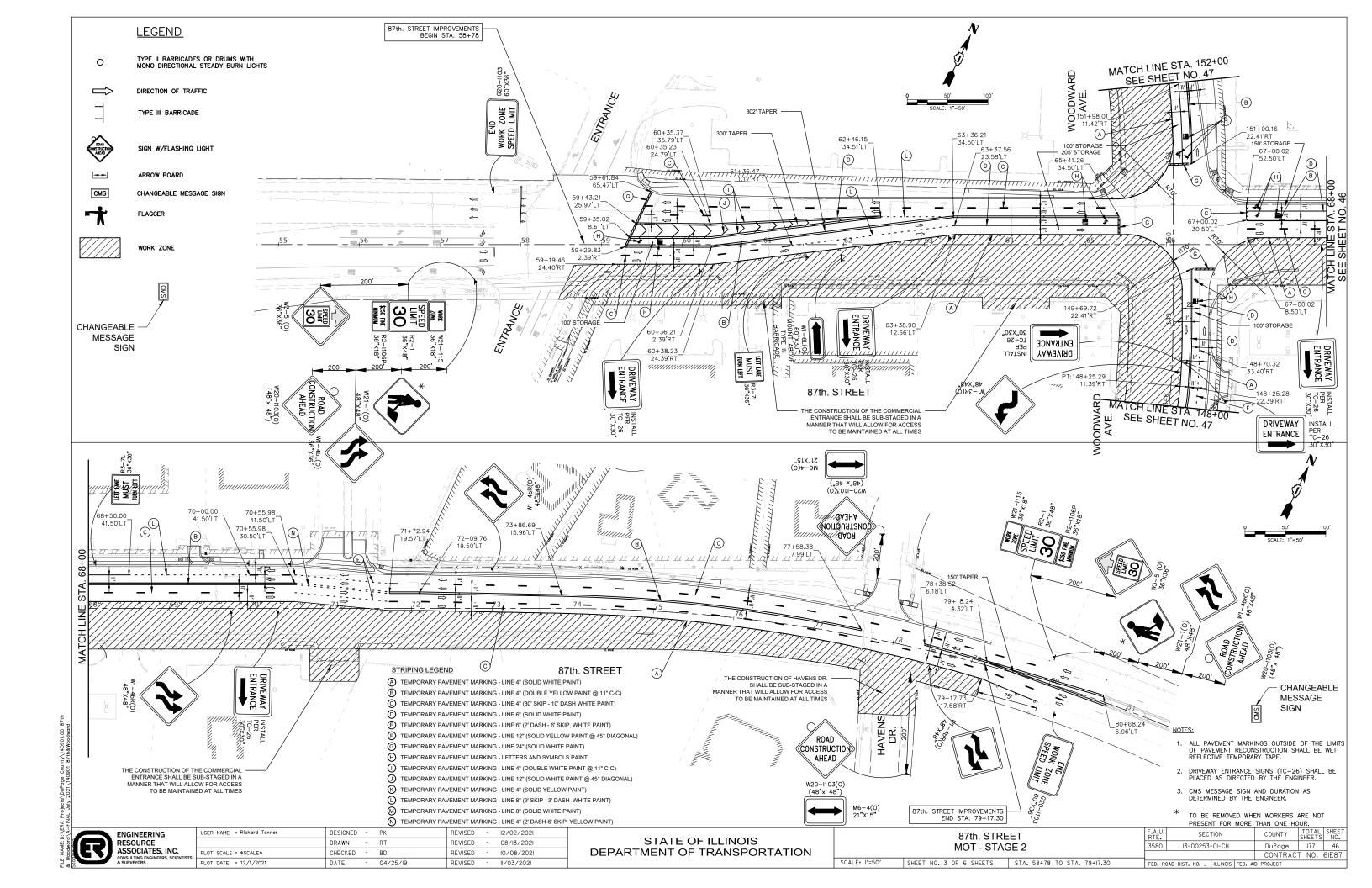
RESOURCE ASSOCIATES, INC.

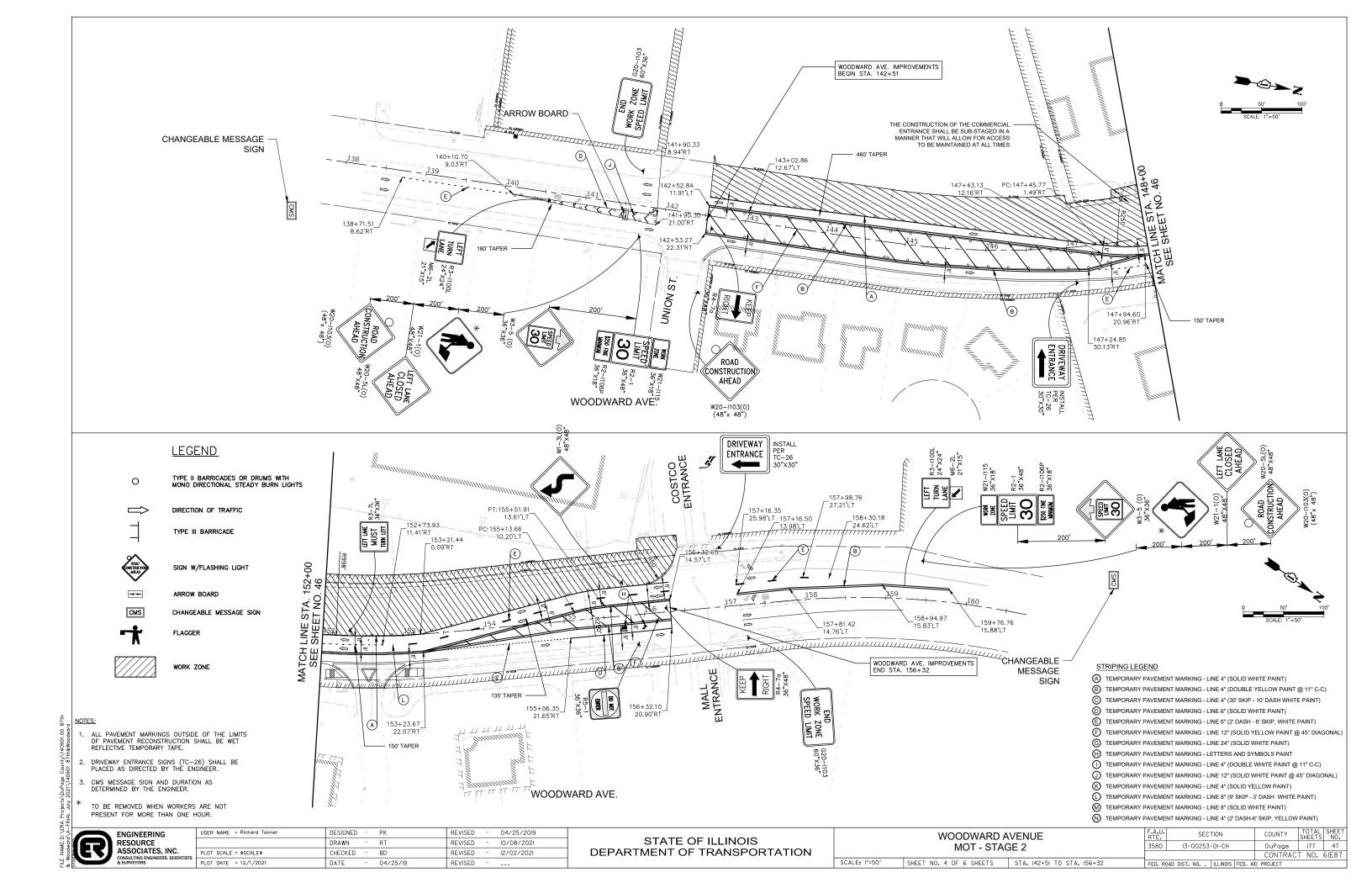
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	DRAWN	-	RT	REVISED	-	10/08/2021
PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	11/03/2021
PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	12/02/2021

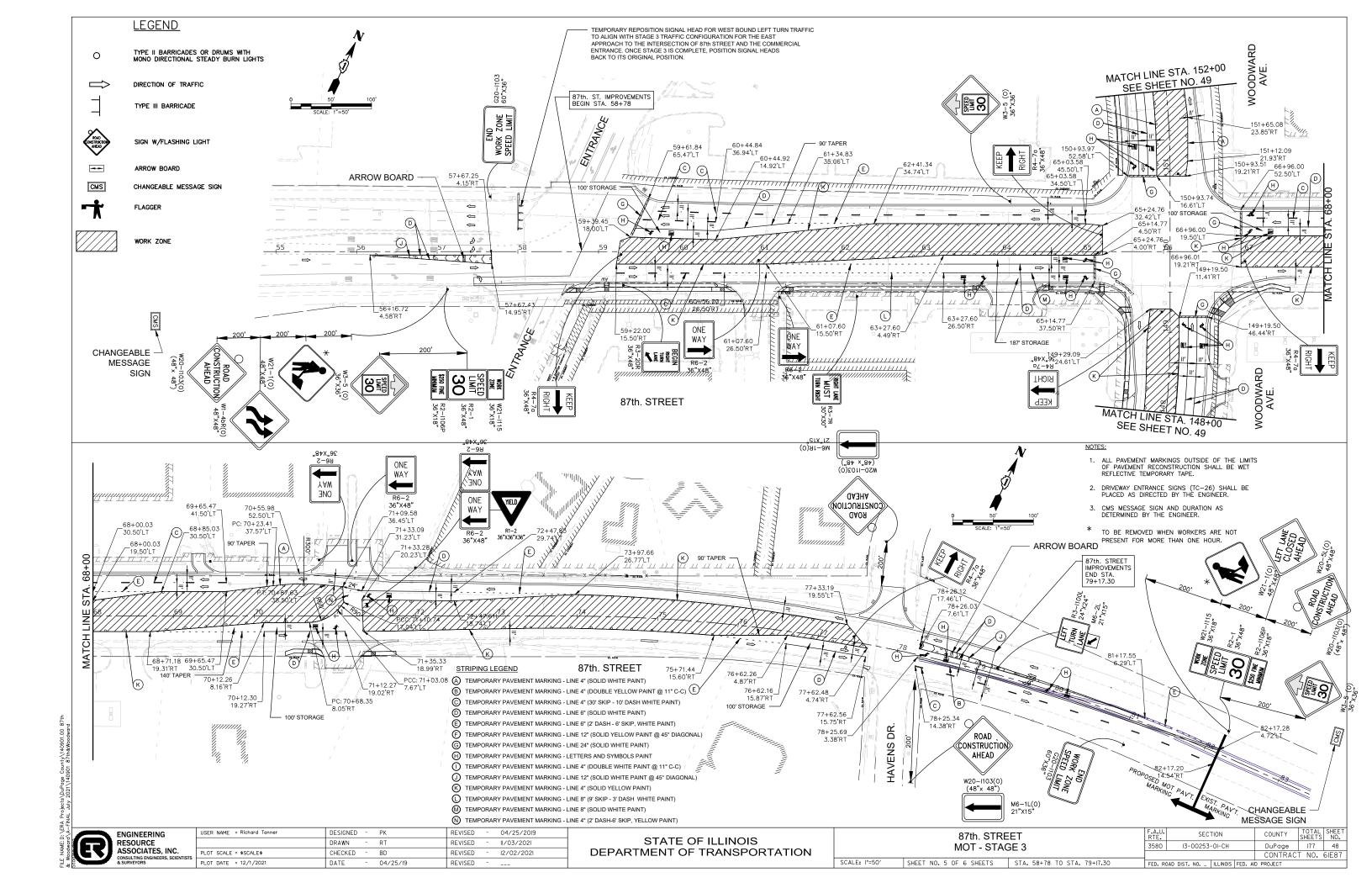
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

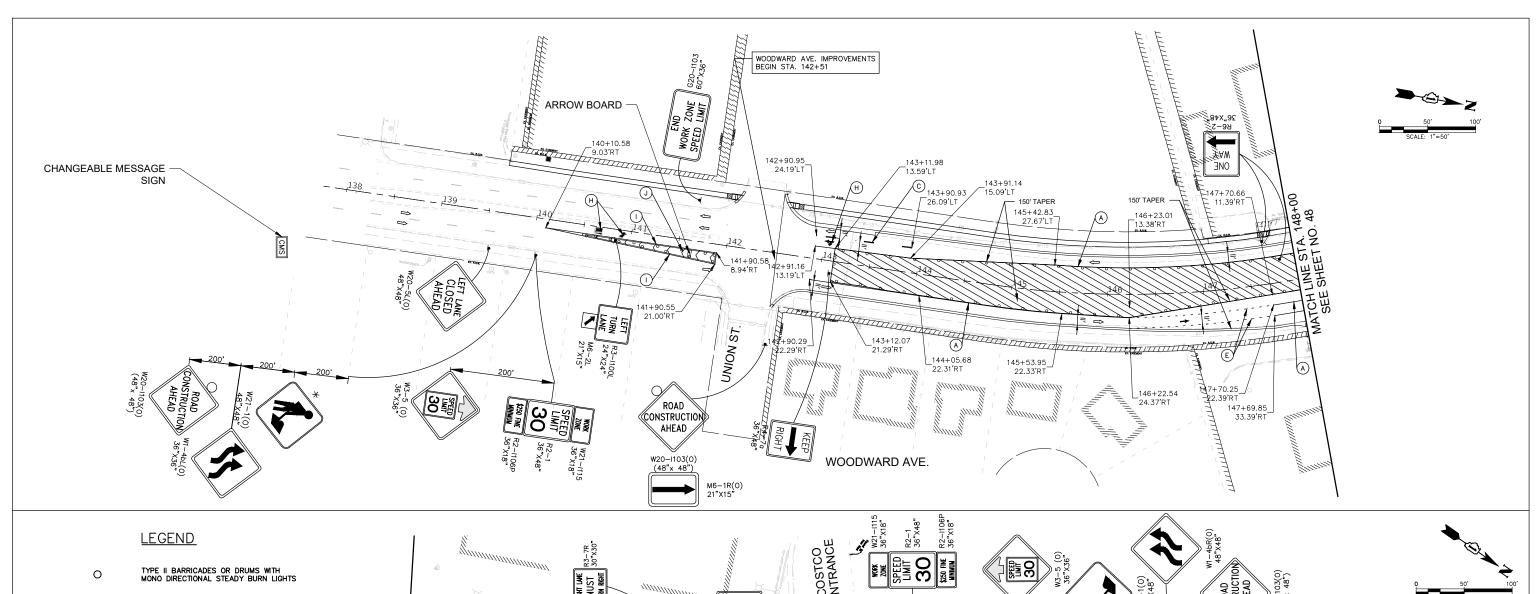
WOODWARD AVENUE MOT - STAGE 1 SHEET NO. 2 OF 6 SHEETS STA. 142+51 TO STA. 156+32

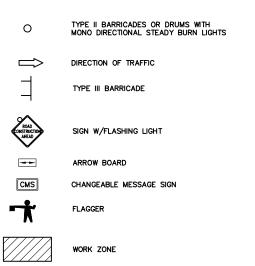
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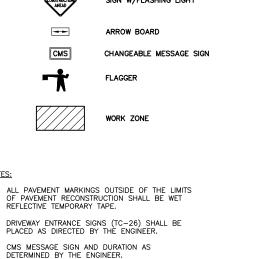


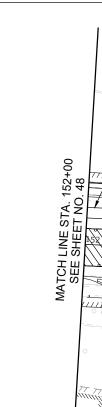




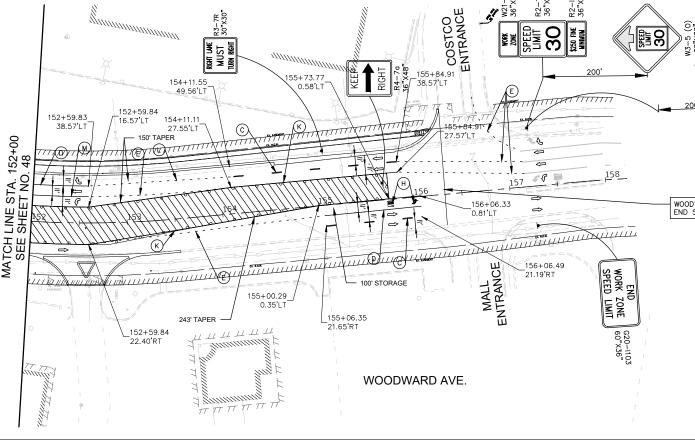


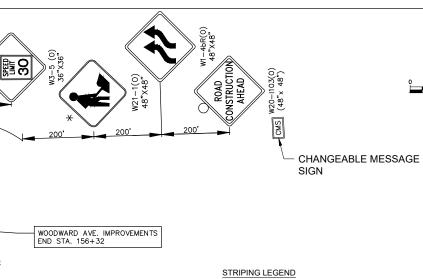






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- (SOLID WHITE PAINT)
- B TEMPORARY PAVEMENT MARKING LINE 4" (DOUBLE YELLOW PAINT @ 11" C-C) TEMPORARY PAVEMENT MARKING - LINE 4" (30' SKIP - 10' DASH WHITE PAINT)
- TEMPORARY PAVEMENT MARKING LINE 6" (SOLID WHITE PAINT)
- E TEMPORARY PAVEMENT MARKING LINE 6" (2' DASH 6' SKIP, WHITE PAINT)
- TEMPORARY PAVEMENT MARKING LINE 12" (SOLID YELLOW PAINT @ 45° DIAGONAL)
- TEMPORARY PAVEMENT MARKING LINE 24" (SOLID WHITE PAINT)
- TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS PAINT
- TEMPORARY PAVEMENT MARKING LINE 4" (DOUBLE WHITE PAINT @ 11" C-C)
- TEMPORARY PAVEMENT MARKING LINE 12" (SOLID WHITE PAINT @ 45° DIAGONAL)
- (K) TEMPORARY PAVEMENT MARKING LINE 4" (SOLID YELLOW PAINT) TEMPORARY PAVEMENT MARKING - LINE 8" (9' SKIP - 3' DASH WHITE PAINT)
- M TEMPORARY PAVEMENT MARKING LINE 8" (SOLID WHITE PAINT)
- N TEMPORARY PAVEMENT MARKING LINE 4" (2' DASH-6' SKIP, YELLOW PAINT)

Voodward\A-FIN	R	ENGINEERING RESOURCE ASSOCIATES, INC. CONSULTING ENGINEERS, SCIENTIST & SURVEYORS

TO BE REMOVED WHEN WORKERS ARE NOT

PRESENT FOR MORE THAN ONE HOUR.

USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	04/25/2019
	DRAWN	-	RT	REVISED	-	10/08/2021
PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	11/03/2021
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

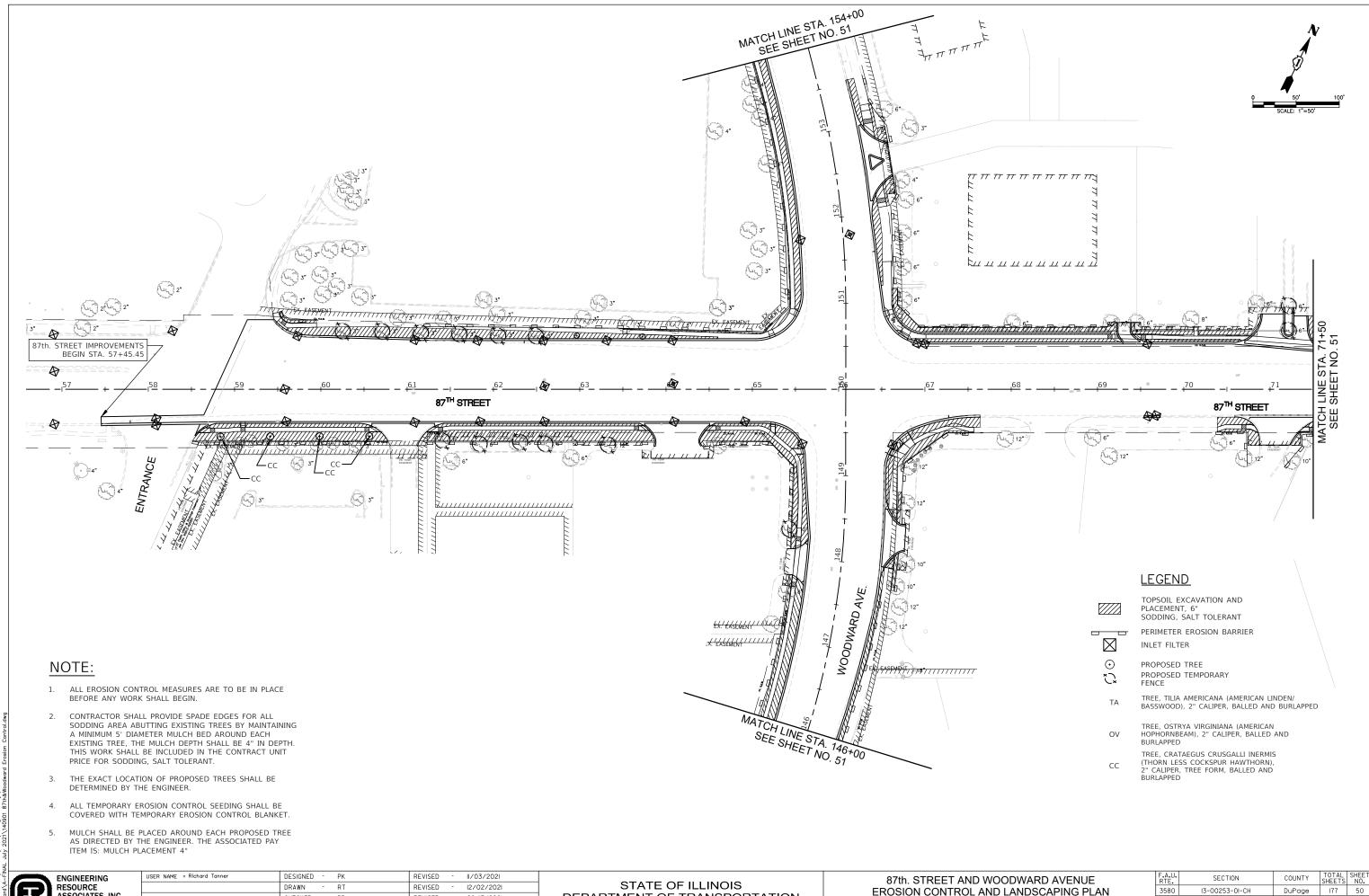
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SHEET NO.

WOODWARD AVENUE	F.A.U. RTE.	SECTION	Ī
MOT - STAGE 3	3580	13-00253-0I-CH	Ī

WOODWARD AVENUE MOT - STAGE 3		F.A.U. RTE.	SECTION COUNTY		COUNTY	TOTAL	SHEET NO.	
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NOTES:



RESOURCE ASSOCIATES, INC.

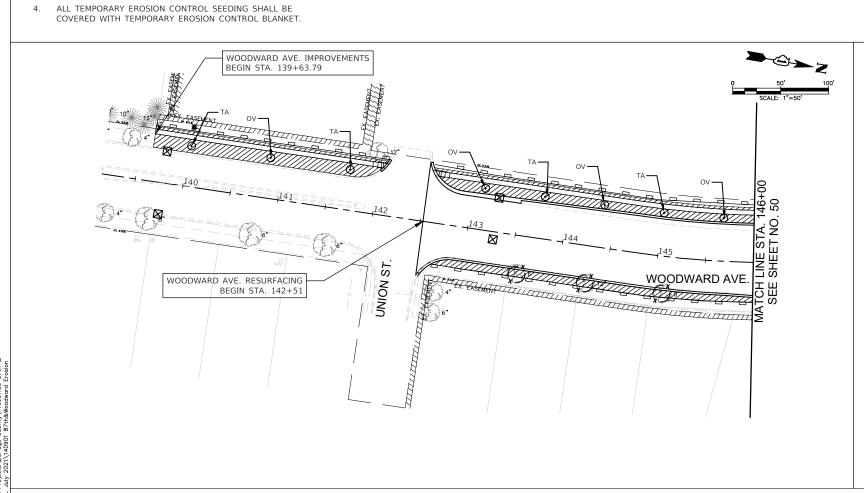
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DEPARTMENT OF TRANSPORTATION

EROSION CONTROL AND LANDSCAPING PLAN SHEET NO. | OF 2 SHEETS | STA. 58+78 TO STA. 79+17.30

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ENGINEERING
RESOURCE
ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS
& SCIENTISTS

NOTE:

ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE

CONTRACTOR SHALL PROVIDE SPADE EDGES FOR ALL SODDING AREA ABUTTING EXISTING TREES BY MAINTAINING A MINIMUM 5' DIAMETER MULCH BED AROUND EACH

EXISTING TREE, THE MULCH DEPTH SHALL BE 4" IN DEPTH.

THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT

THE EXACT LOCATION OF PROPOSED TREES SHALL BE DETERMINED BY THE ENGINEER.

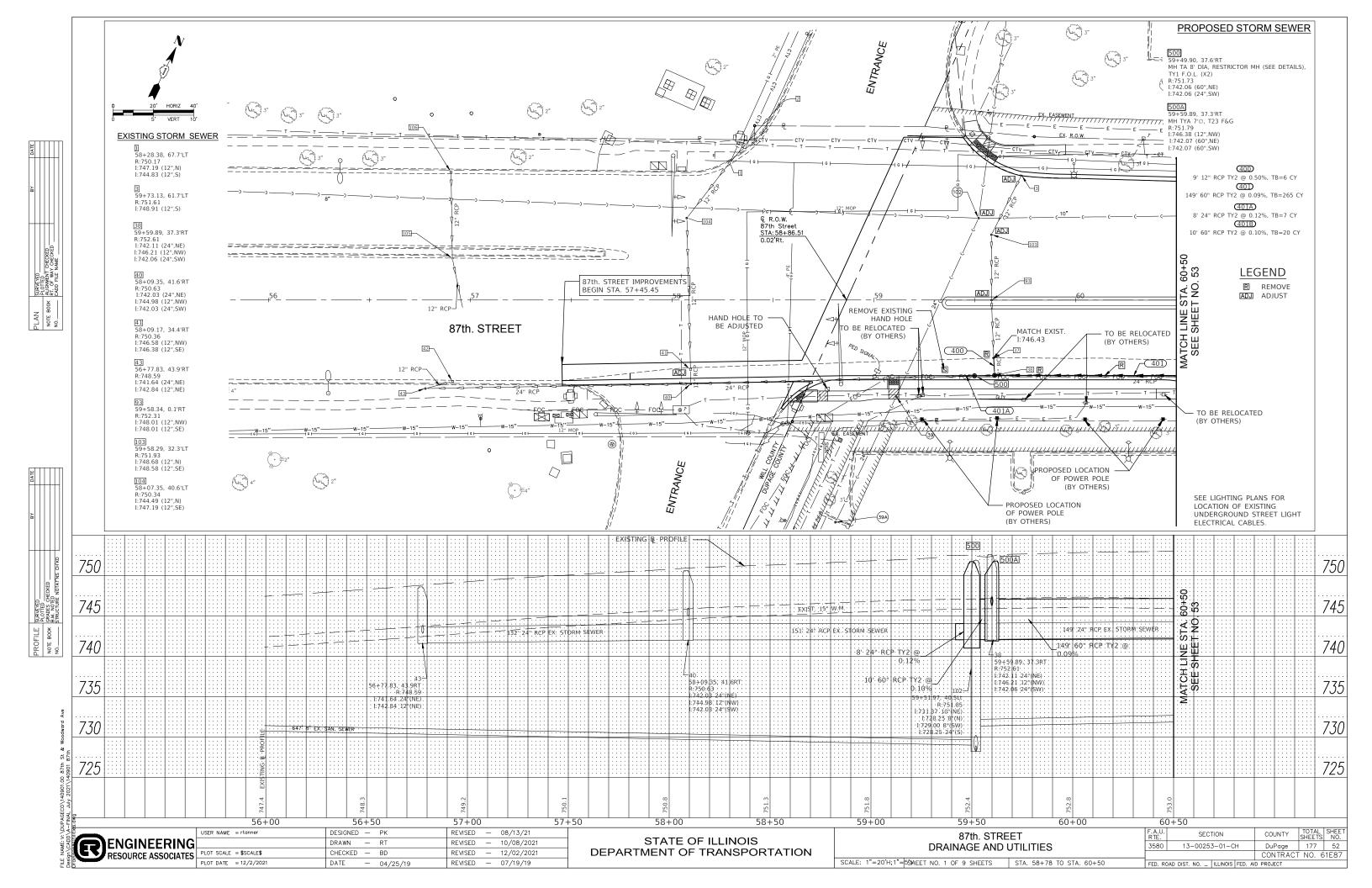
BEFORE ANY WORK SHALL BEGIN.

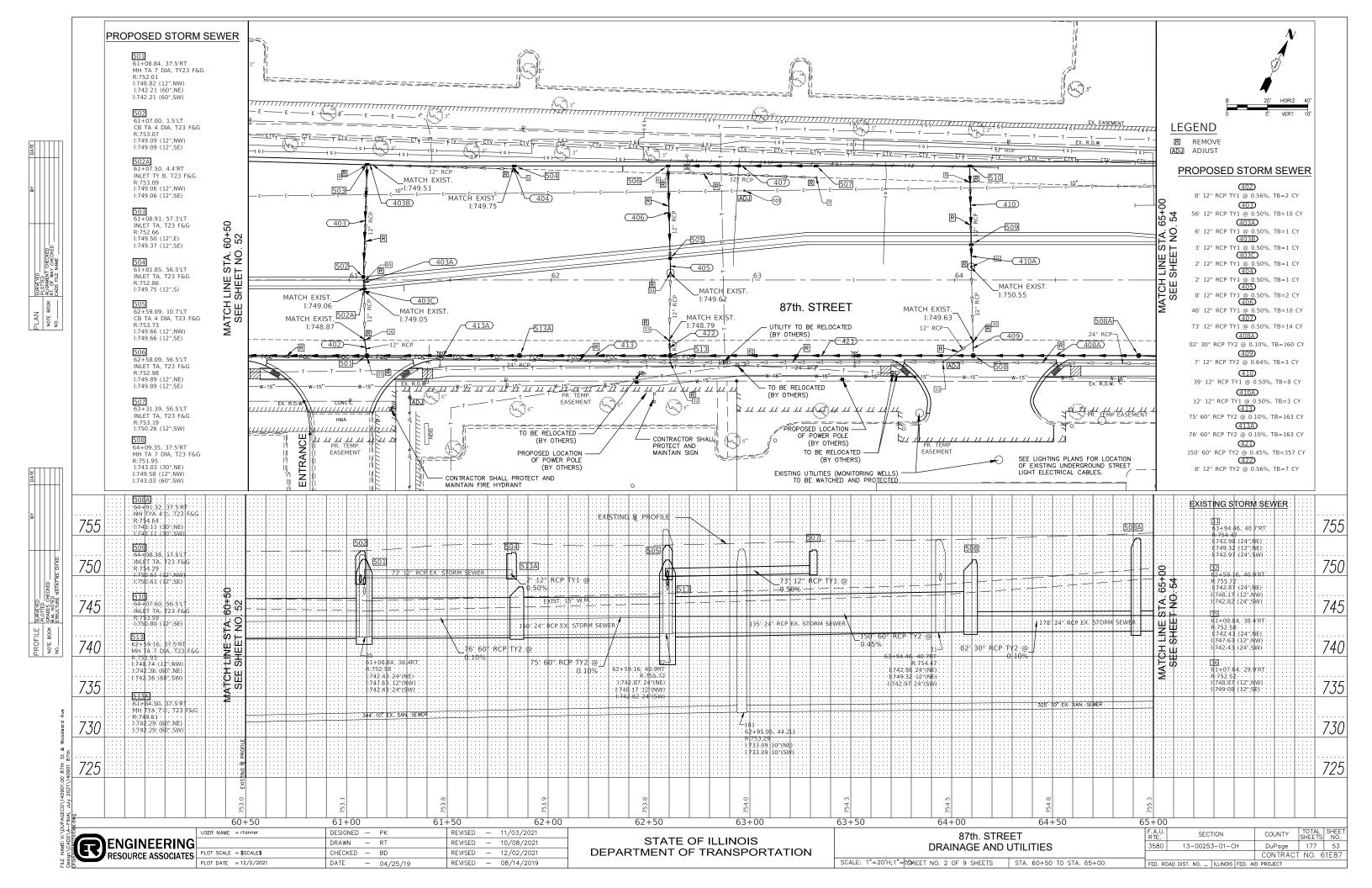
PRICE FOR SODDING, SALT TOLERANT.

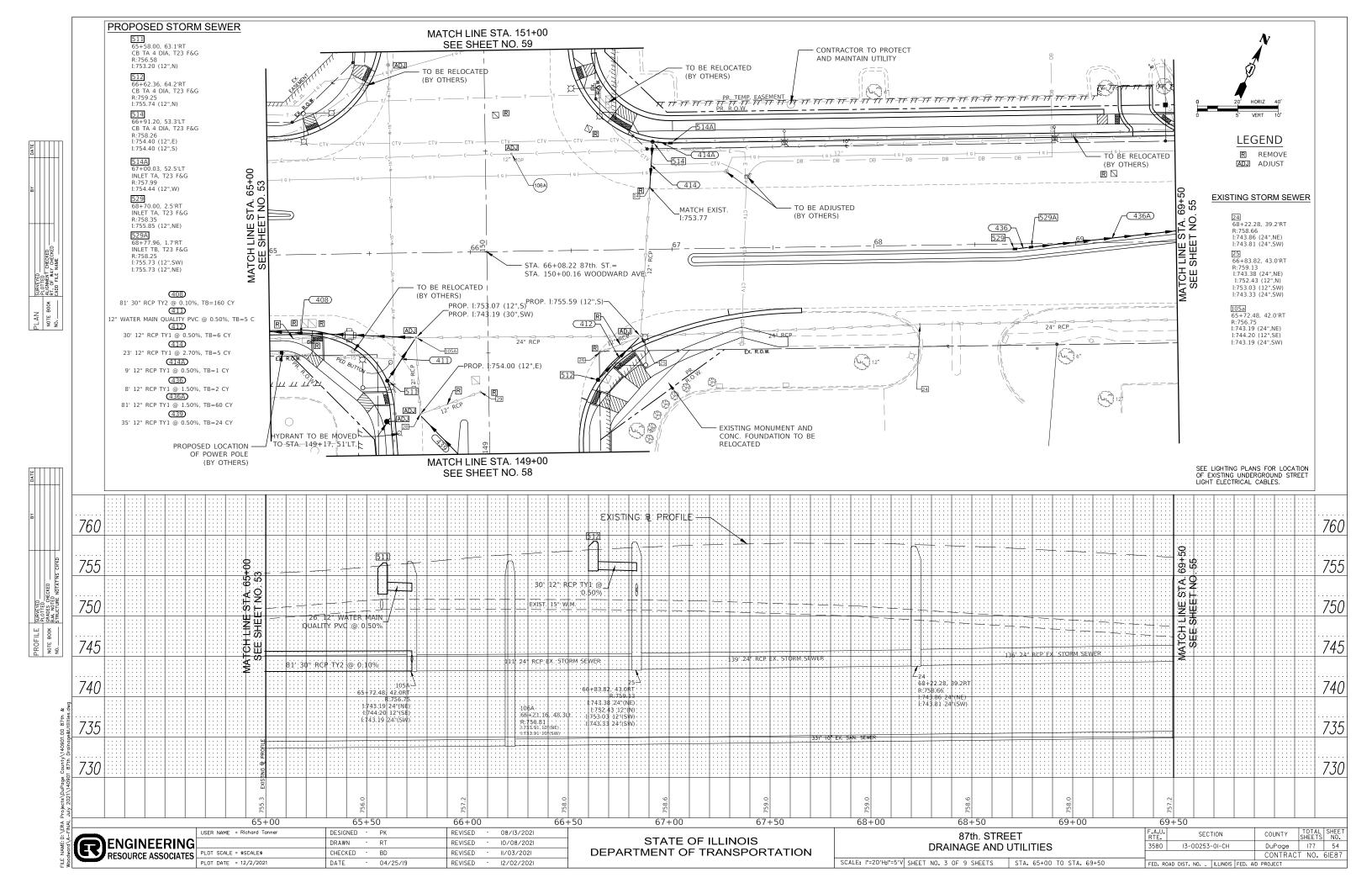
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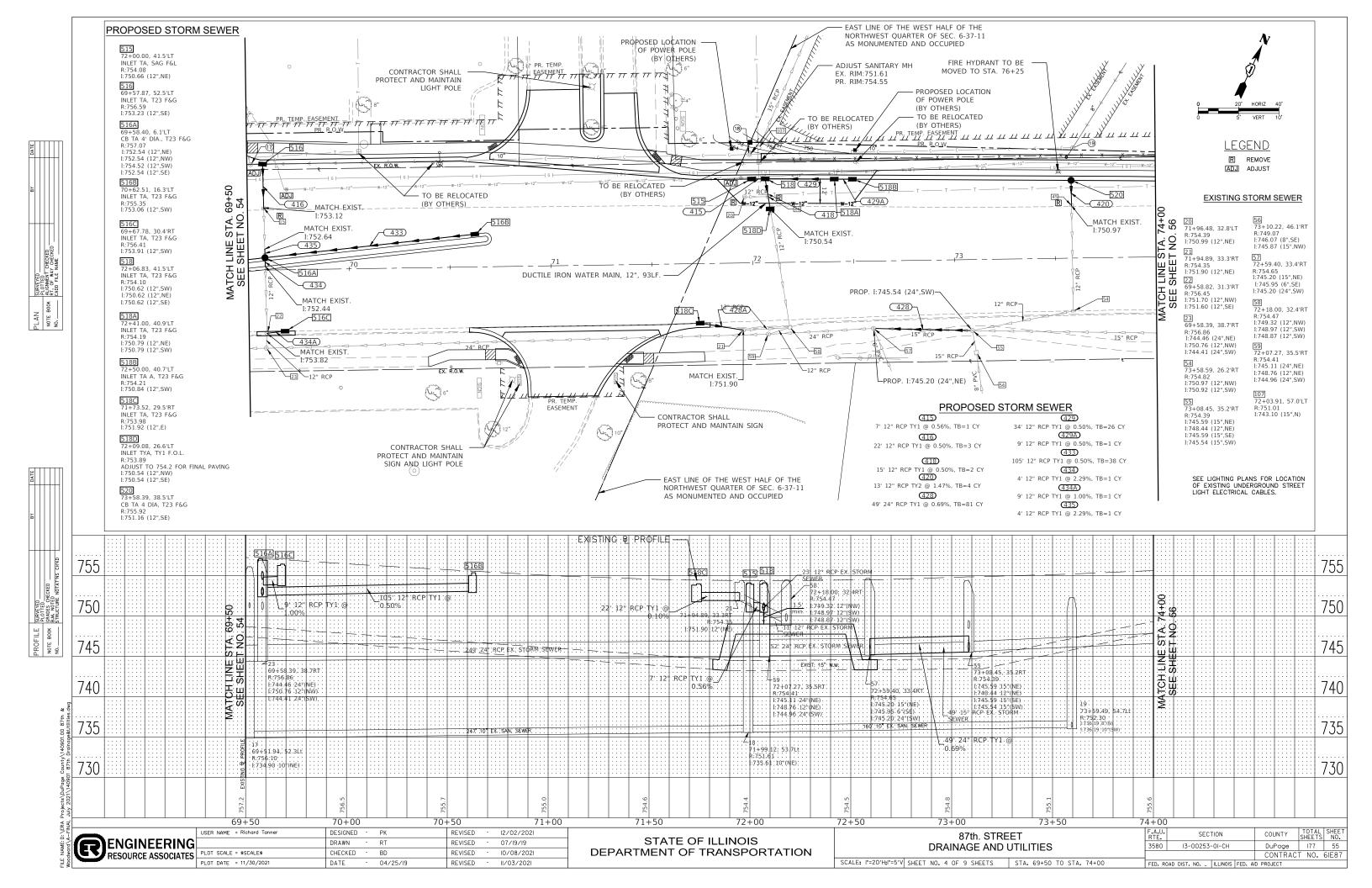
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 87th STREET AND WOODWARD AVENUE EROSION CONTROL AND LANDSCAPING PLAN

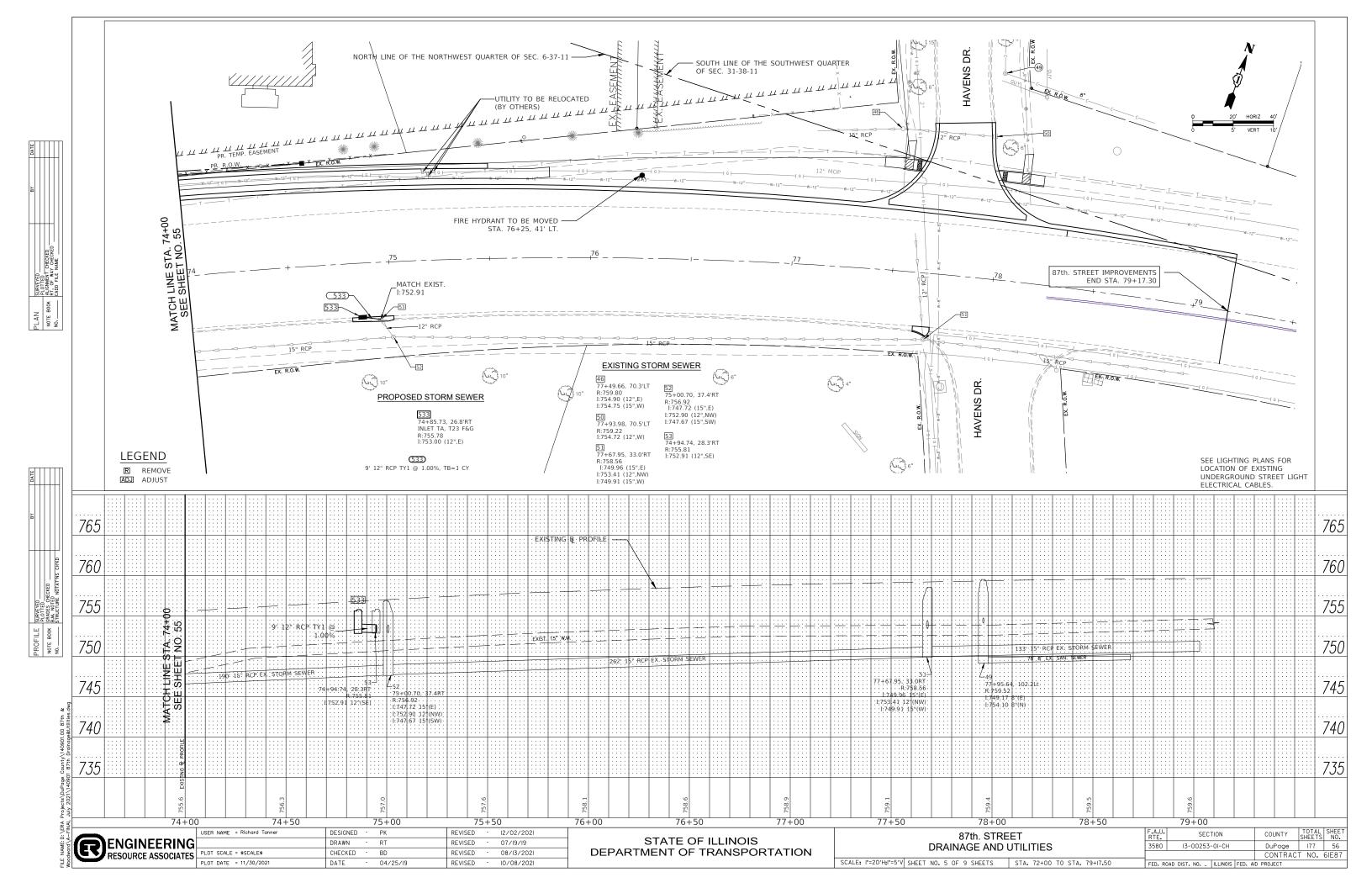
D' SHEET NO. 2 OF 2 SHEETS STA. 142+51 TO STA. 156+32

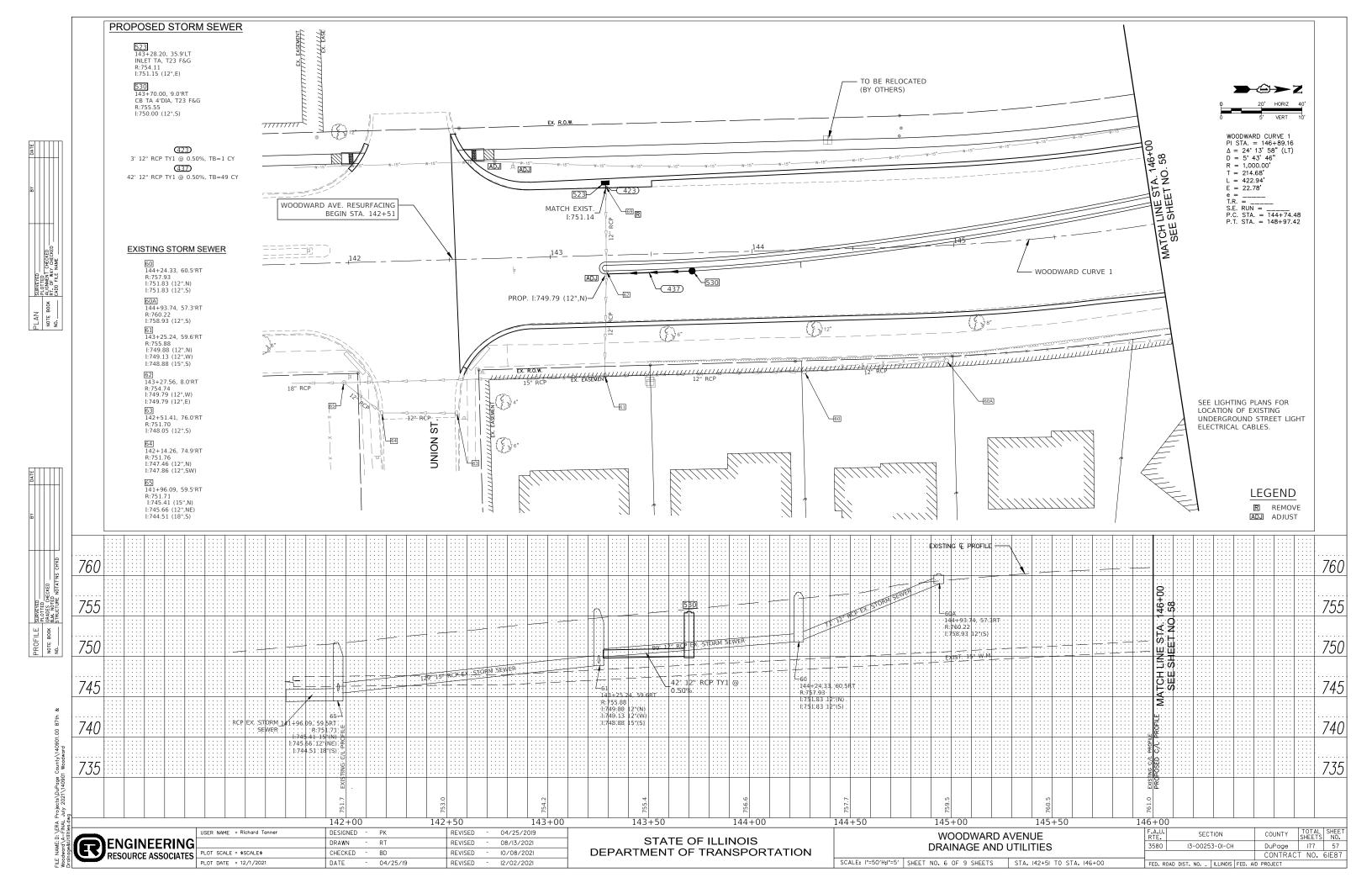


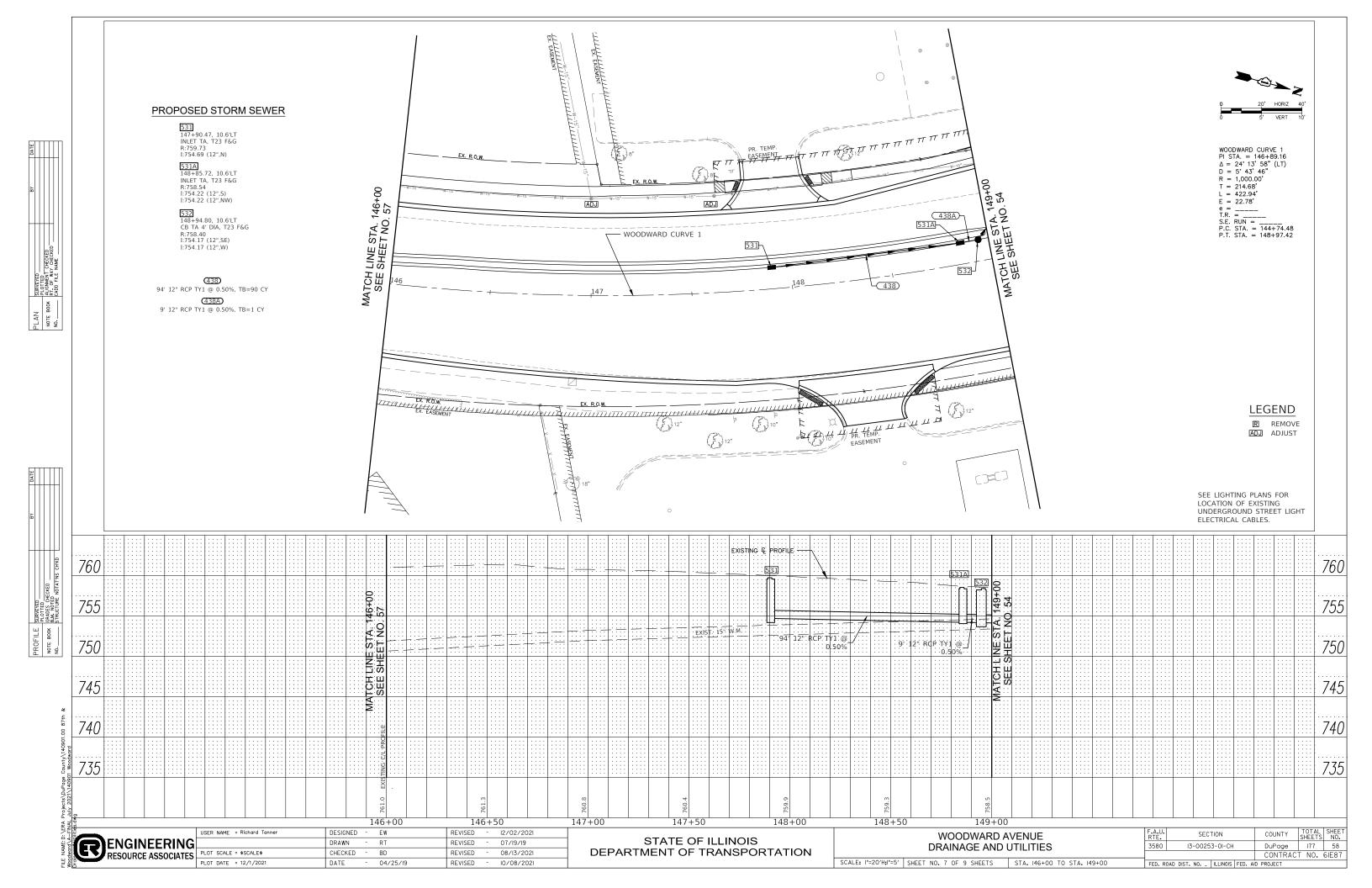


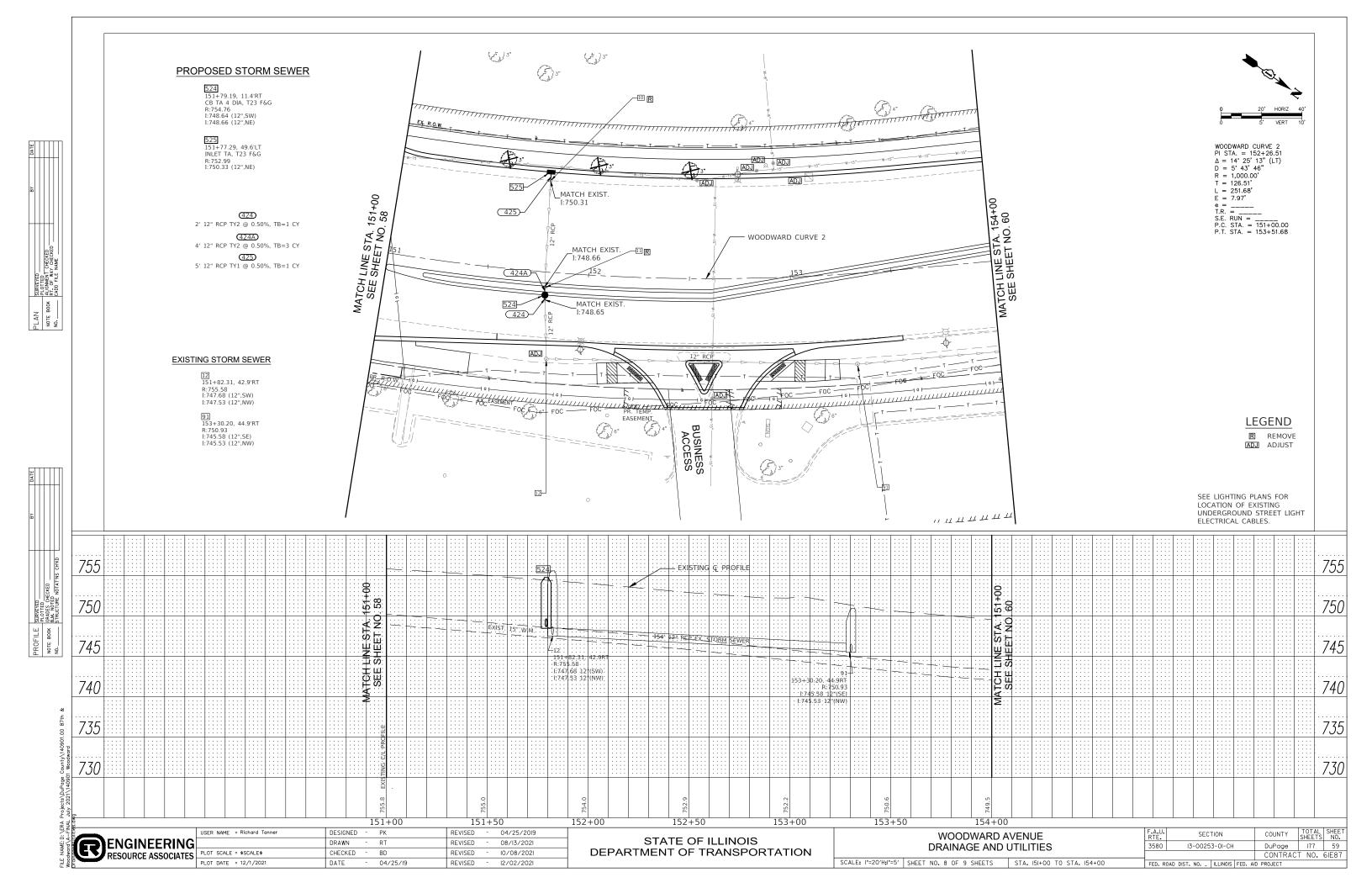


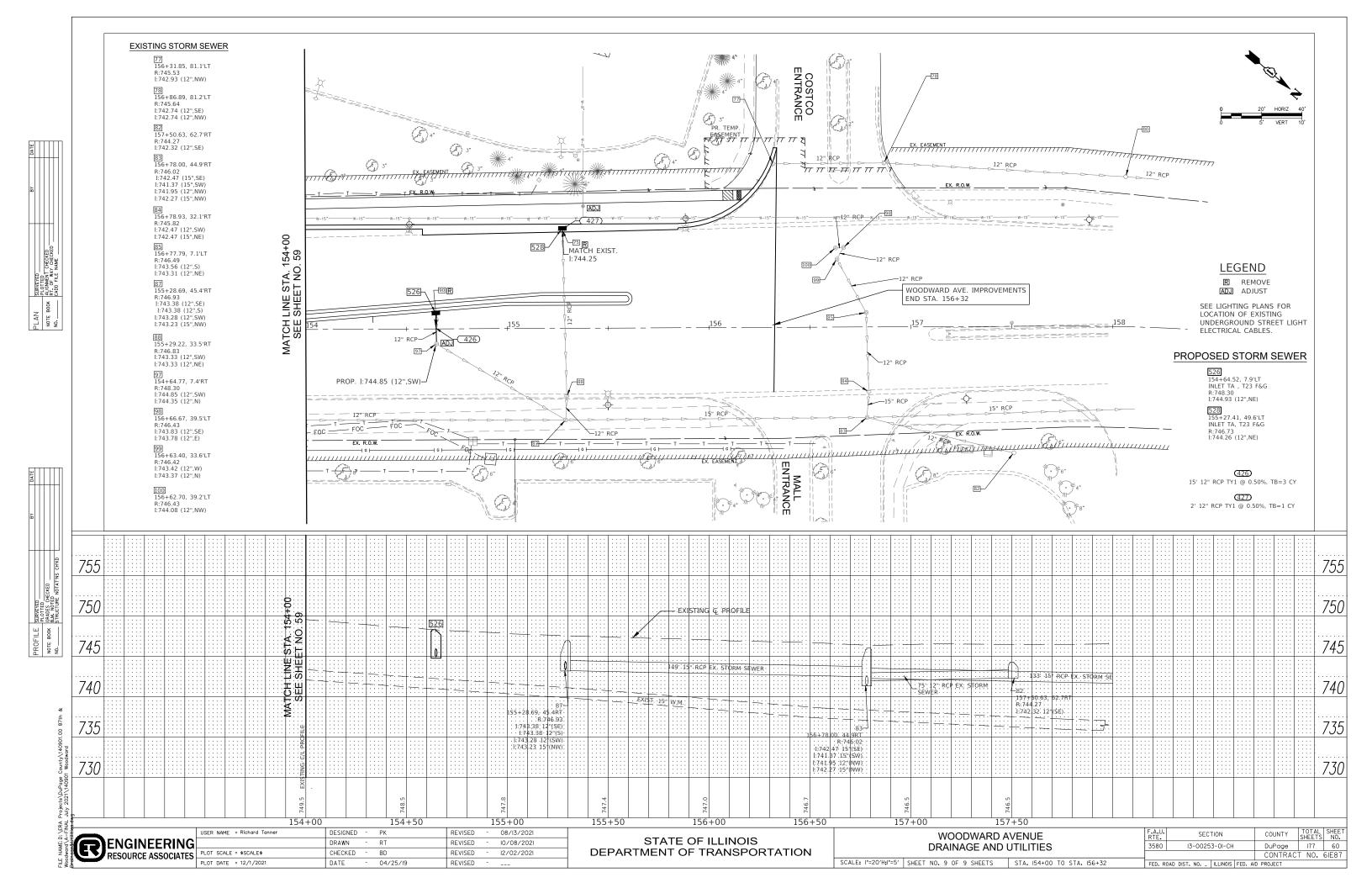


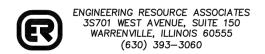












DIVISION OF TRANSPORTATION PLAT OF HIGHWAYS

COUNTY OF DUPAGE

COUNTY HIGHWAY 31/87TH STREET INTERSECTION IMPROVEMENTS

ROUTE: F.A.U. 3580 (87th STREET)

SECTION: 13-00253-01-CH

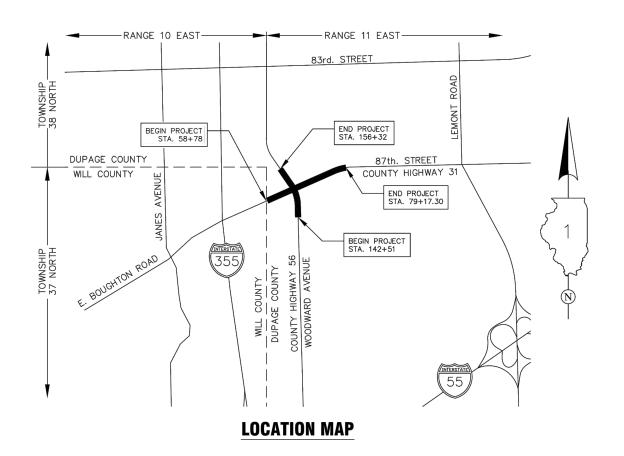
COUNTY: DUPAGE LIMITS: AT WOODWARD AVENUE

JOB No.: R-55-001-97

	MC HENRY	LAKE
	KANE C	DU PAGE COOK
LOCATION		ADQUARTERS: - *

PRINTED BY THE AUTHORITY **OF THE STATE OF ILLINOIS**

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0001TE	STORE SPE AVF II 2017-2, LLC, A DELAWARE LIMITED LIABILITY COMPANY	10 & 11	
0002TE	BWC OWNERS ASSOCIATION, AN ILLINOIS NOT FOR PROFIT CORPORATION	10 & 11	
0004TE	PNC BANK, NATIONAL ASSOCIATION, SUCCESSOR TO NATIONAL CITY BANK, SUCCESSOR TO NATIONAL CITY BANK OF THE MIDWEST	6 & 11	
0005	WOODWARD BOUGHTON LLC,		
0005TE-A	AN ILLINOIS LIMITED LIABILITY	6, 7, 11 & 12	
0005TE-B	COMPANY	12	
0006			
0006TE-A	SCP 2005-C21-028 LLC, A DELAWARE LIMITED LIABILITY	6, 11 & 12	
0006TE-B	DELAWARE LIMITED LIABILITY		
0007	BONNIE JOY PAPPAS, AS TRUSTEE UNDER THE BONNIE JOY PAPPAS TRUST	7 & 12	
0007TE	AGREEMENT DATED JUNE 15, 2007	7 & 12	
8000	KAREN A. KRIPAS, A MARRIED	9 & 12	
0008TE	PERSON		
0009	MOSTAFA EDDERS & AMY E.	0.0.40	
0009TE	- EDDERS, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY	9 & 12	
0011TE	BOUGHTON WOODWARD RETAIL CENTER OWNERS ASSOCIATION, AN ILLINOIS NONPROFIT CORPORATION	2 & 11	
0012TE	JOHNSON PROPERTY GROUP, L.L.C., AN ILLINOIS LIMITED LIABILITY COMPANY	3 & 11	
0013	RDK VENTURES, LLC, A		
0013TE-A	DELAWARE LIMITED LIABILITY	4 & 11	
0013TE-B	COMPANY		
0014	WINDING CREEK, LLC, AN	F 0 11	
0014TE	- ILLINOIS LIMITED LIABILTY COMPANY	5 & 11	
0015TE	WENDY'S PROPERTY, LLC A DELAWARE LIMITED LIABILITY COMPANY	8	



PROJECT LENGTH = 2,039 LF (0.39 MILES) 87th. STREET = 1,381 LF (0.26 MILES) WOODWARD AVE.

TOTAL LENGTH = 3,420 LF (0.65 MILES)

STATE OF ILLINOIS COUNTY OF DUPAGE

THIS IS TO CERTIFY THAT I, TIMOTHY B. MARTINEK, AN ILLINOIS PROFESSIONAL LAND SURVEYOR HAVE SURVEYED THE PLAT SHOWN HEREON IN SECTION 6, TOWNSHIP 37 NORTH, RANGE 11 AND SECTION 31 TOWNSHIP 38 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIFF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

FOR REVIEW ONLY

TIMOTHY B. MARTINEK ILLINOIS PROFESSIONAL LAND SURVEYOR LICENCE NO. 035-003782 EXPIRES: NOVEMBER 30, 2022



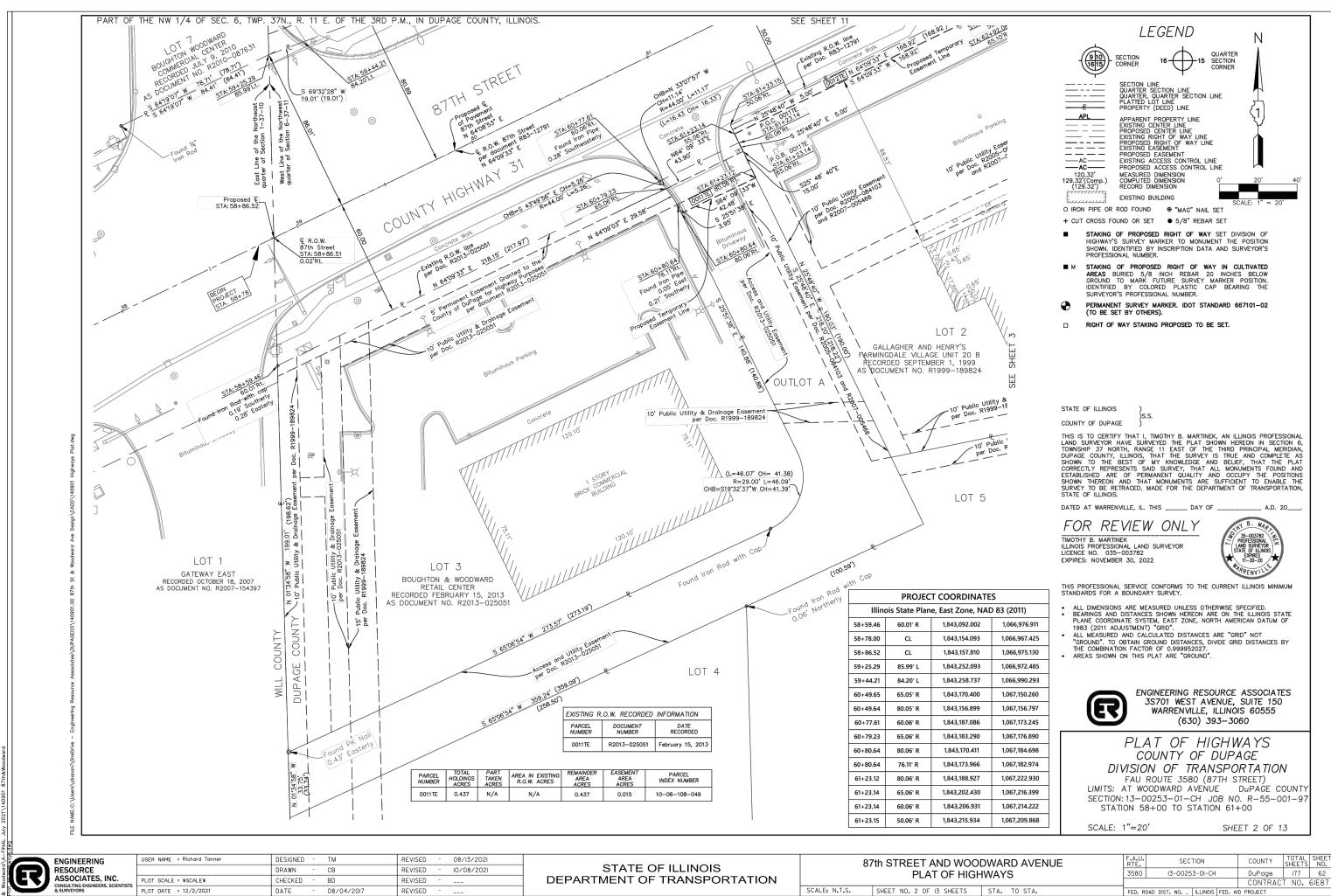
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

ENGINEERING RESOURCE ASSOCIATES, INC.

ER NAME = Richard Tanner	DESIGNED	-	TM	REVISED	-	08/13/2021	Ī
	DRAWN	-	СВ	REVISED	-	10/08/2021	ı
OT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-		ı
OT DATE = 12/2/2021	DATE	-	08/04/2017	REVISED	-		L

A.U. TE.	SECTION				COUNTY	TOTAL SHEETS	SHEET NO.
580	13-00253-0I-CH				DuPage	177	61
			Т	CONTRAC	T NO.	6IE87	
D. R	OAD DIST. NO	ILLINOIS	FED.	AID	PROJECT		

PLAN NOTE

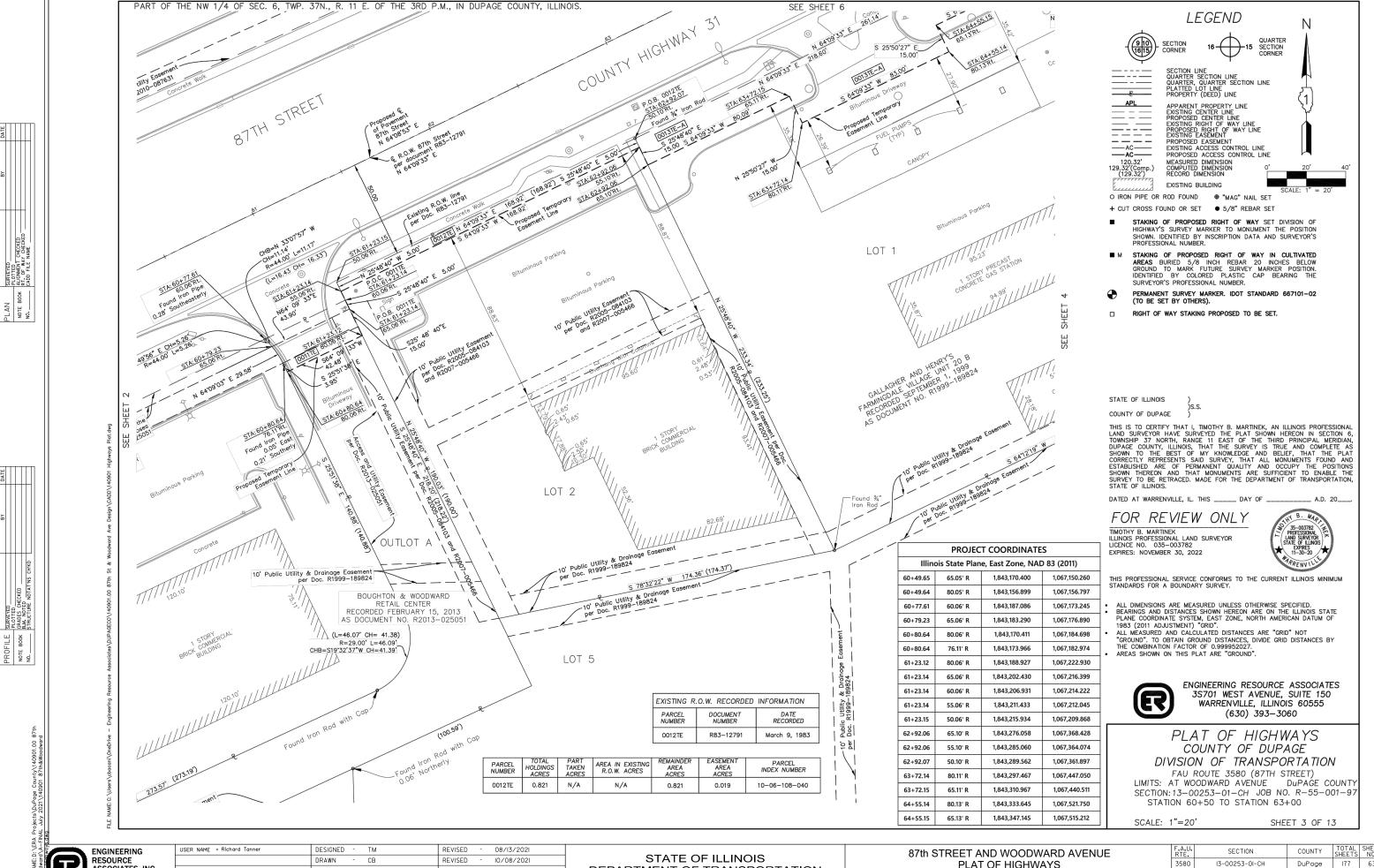


177 62

SURVEYED -PLOTTED -ALIGNMENT RT. OF WAY CADD FILE

BOOK

NOTE NO.



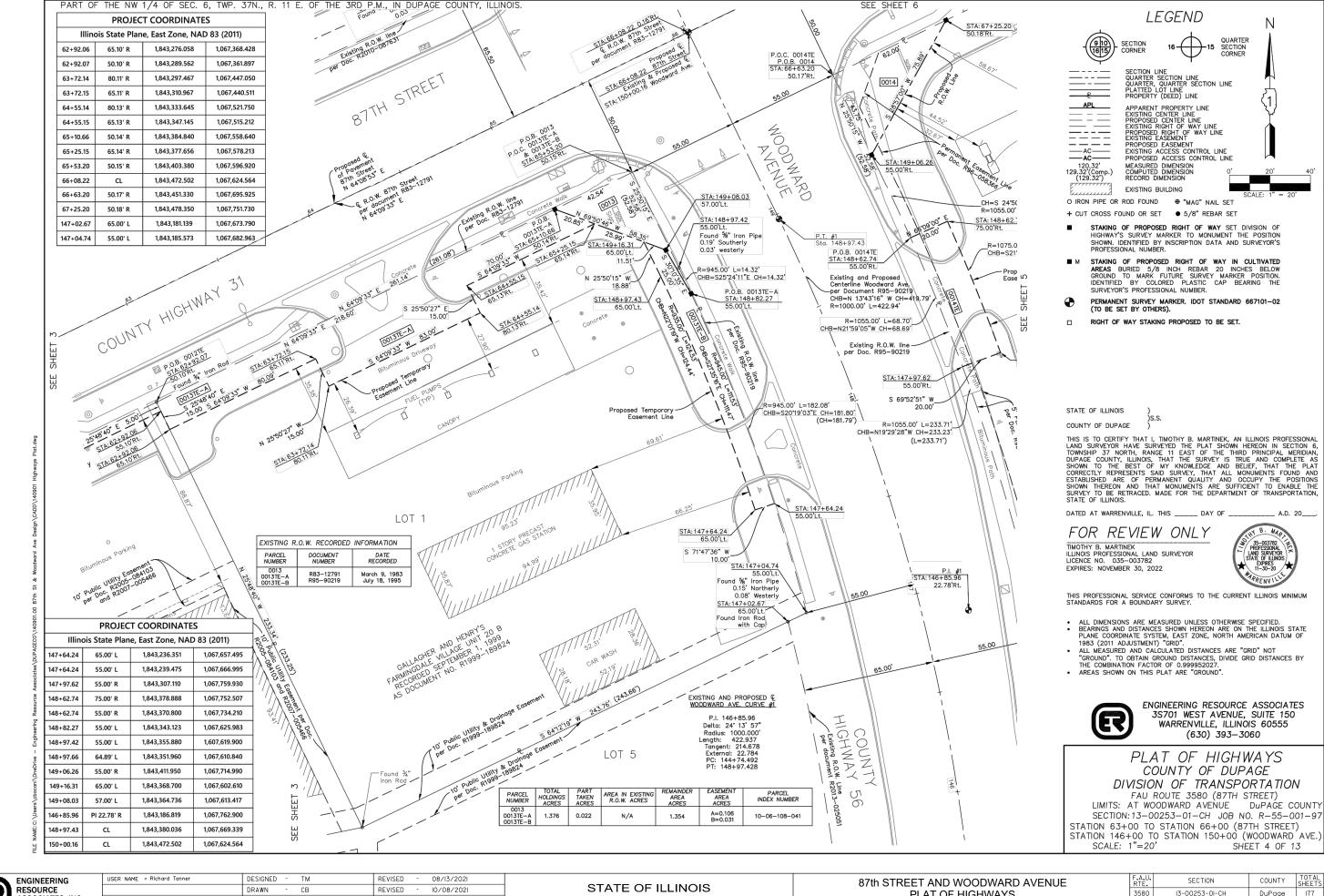
ASSOCIATES, INC.

BD REVISED PLOT SCALE = \$SCALE\$ CHECKED PLOT DATE = 12/2/202 DATE 08/04/2017 REVISED

DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS SCALE: N.T.S. SHEET NO. 3 OF 13 SHEETS STA. TO STA.

I3-00253-0I-CH 177 63 CONTRACT NO. 6IE87 FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT



SURVEYED -PLOTTED -ALIGNMENT RT. OF WAY CADD FILE

BOOK

NOTE

ASSOCIATES, INC

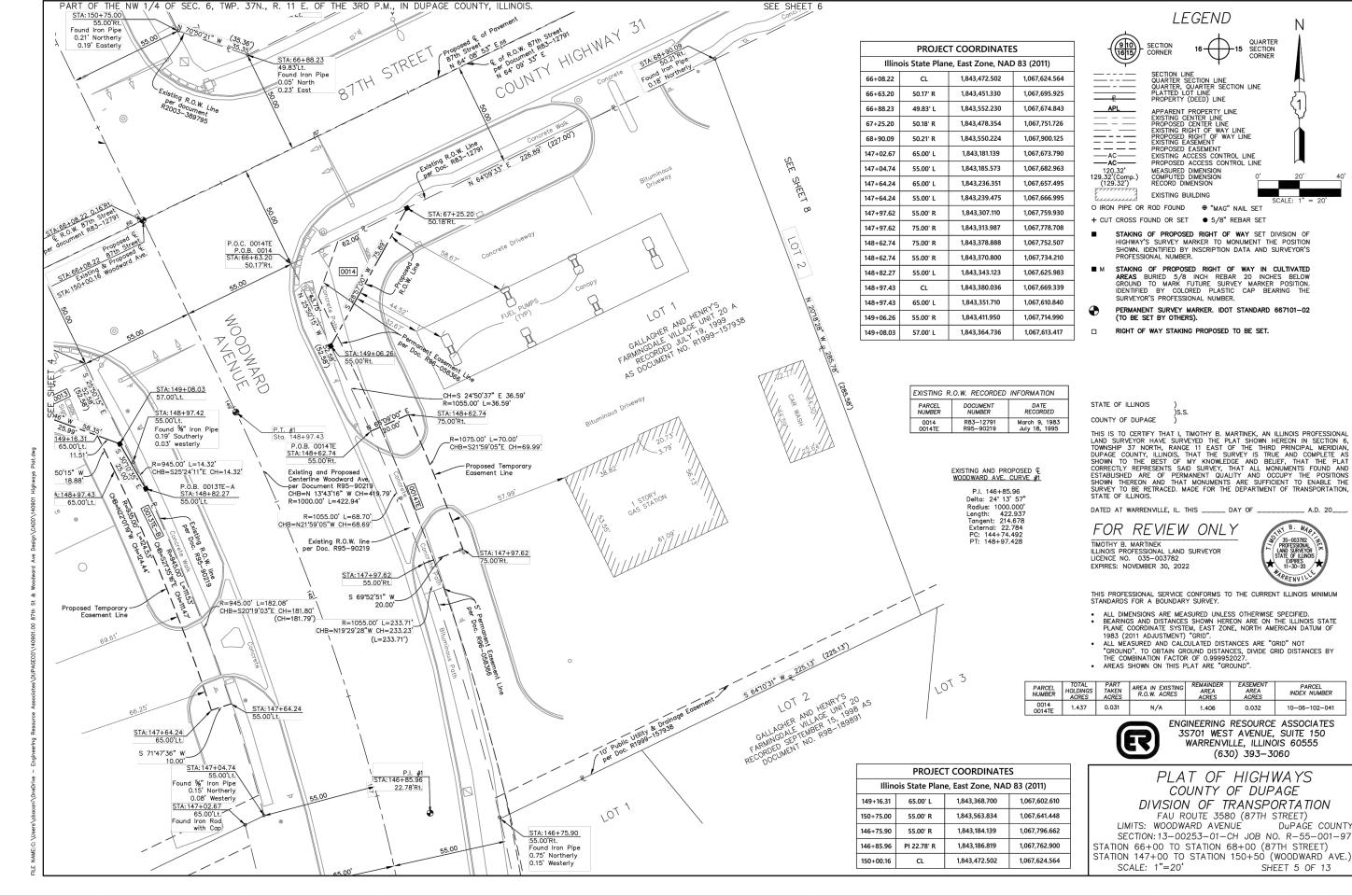
BD REVISED PLOT SCALE = \$SCALE\$ CHECKED PLOT DATE = 12/2/202 DATE 08/04/2017 REVISED

DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS SHEET NO. 4 OF 13 SHEETS STA. TO STA.

SCALE: N.T.S.

3580 I3-00253-0I-CH 177 64 CONTRACT NO. 6IE87 FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT



SURVEYED -PLOTTED -ALIGNMENT RT. OF WAY CADD FILE

B00K

NOTE NO.

SURVEYED— PLOTTED— GRADES CHE B.M. NOTED STRUCTURE 1

ENGINEERING RESOURCE ASSOCIATES, INC.

USER NAME = Richard Tanner 08/13/2021 DESIGNED -TM REVISED DRAWN CB REVISED 10/08/2021 BD REVISED PLOT SCALE = \$SCALE\$ CHECKED PLOT DATE = 12/2/202 DATE 08/04/2017 REVISED

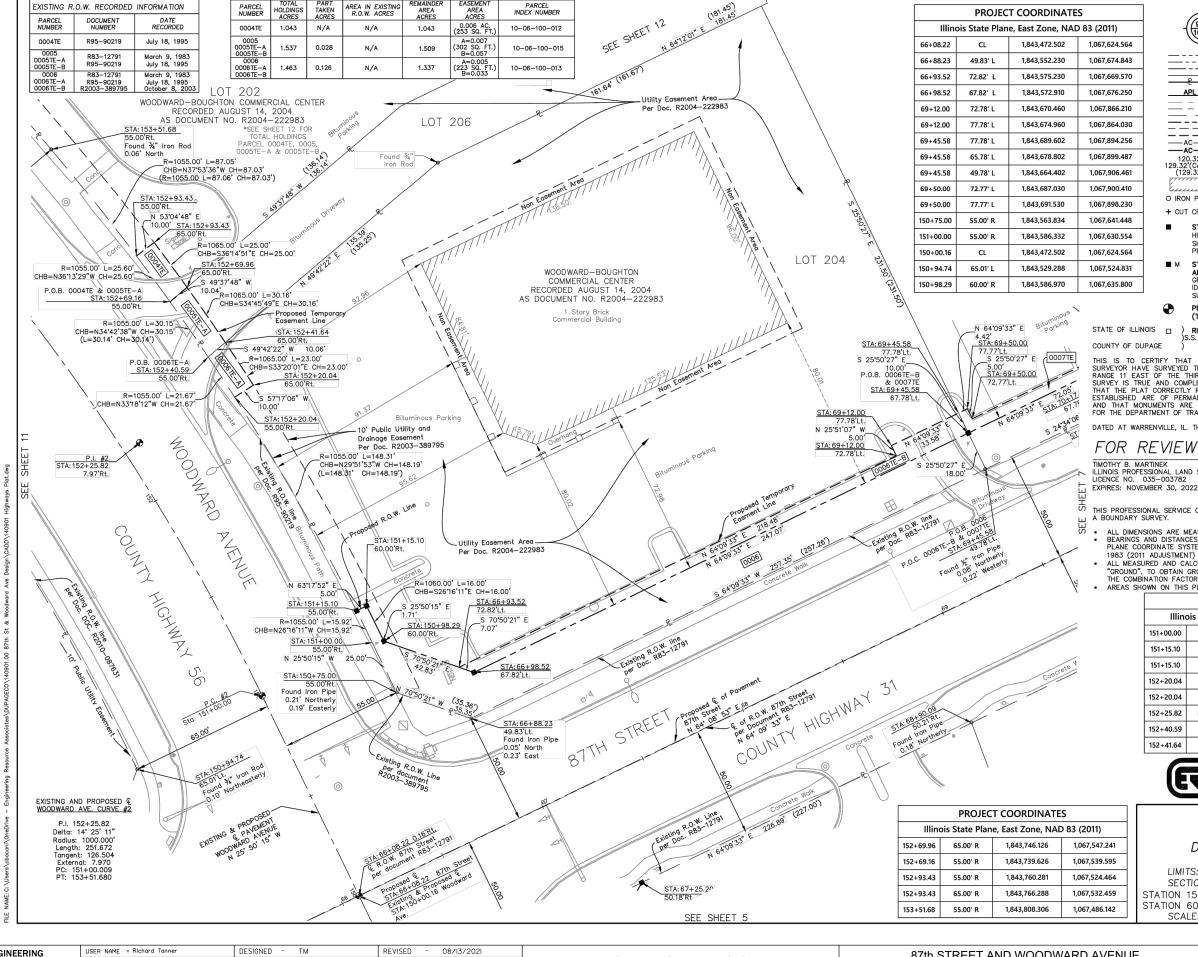
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

8	7th STREET AND WOO PLAT OF HIGH	_
SCALE: N.T.S.	SHEET NO. 5 OF 13 SHEETS	STA. TO STA.

A.U. TE.	SECTION						COUNTY	TOTAL SHEETS	SHEET NO.
580	I3-00253-0I-CH					DuPage	177	65	
							CONTRAC	T NO.	6IE87
FD. RI	OAD DIS	T. NO.		ILL INDIS	FFD.	AID	PROJECT		

PARCEL INDEX NUMBER

Ν



LEGEND QUARTER SECTION CORNER SECTION LINE QUARTER SECTION LINE QUARTER, QUARTER SECTION LINE PROPERTY (DEED) LINE APL APPARENT PROPERTY LINE EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE — AC-PROPOSED ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DIMENSION ——AC-120.32' 129.32'(Comp.) (129.32') EXISTING BUILDING

O IRON PIPE OR ROD FOUND # "MAG" NAIL SET

+ CUT CROSS FOUND OR SET • 5/8" REBAR SET STAKING OF PROPOSED RIGHT OF WAY SET DIVISION OF HIGHWAY'S SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S

PROFESSIONAL NUMBER STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED

AREAS BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING THE SURVEYOR'S PROFESSIONAL NUMBER.

PERMANENT SURVEY MARKER. IDOT STANDARD 667101-02 (TO BE SET BY OTHERS).

RIGHT OF WAY STAKING PROPOSED TO BE SET.

THIS IS TO CERTIFY THAT I, TIMOTHY B. MARTINEK, AN ILLINOIS PROFESSIONAL LAND SURVEYOR HAVE SURVEYED THE PLAT SHOWN HEREON IN SECTION 6, TOWNSHIP 37 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUAITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT WARRENVILLE, IL. THIS _____ DAY OF _

FOR REVIEW ONLY

TIMOTHY B. MARTINEK ILLINOIS PROFESSIONAL LAND SURVEYOR LICENCE NO. 035-003782

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

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID"
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.999952027.
- AREAS SHOWN ON THIS PLAT ARE "GROUND"

PROJECT COORDINATES									
Illinois State Plane, East Zone, NAD 83 (2011)									
151+00.00	51+00.00 CL 1,843,562.360 1,067,581.0								
151+15.10	55.00' R	1,843,600.612	1,067,623.505						
151+15.10	60.00' R	1,843,602.859	1,067,627.972						
152+20.04	65.00' R	1,843,702.134	1,067,577.076						
152+20.04	55.00' R	1,843,696.730	1,067,568.662						
152+25.82	PI 7.97' R	1,843,676.201	1,067,525.936						
152+40.59	55.00' R	1,843,714.843	1,067,556.762						
152+41.64	65.00' R	1,843,721.350	1,067,564.437						



ENGINEERING RESOURCE ASSOCIATES 3S701 WEST AVENUE, SUITE 150 WARRENVILLE, ILLINOIS 60555 (630) 393-3060

PLAT OF HIGHWAYS COUNTY OF DUPAGE DIVISION OF TRANSPORTATION

FAU ROUTE 3580 (87TH STREET) LIMITS: AT WOODWARD AVENUE DuPAGE COUNT SECTION: 13-00253-01-CH JOB NO. R-55-001-97 STATION 150+00 TO STATION 152+50 (WOODWARD AVE. STATION 60+00 TO STATION 69+50 (87TH STREET) SCALE: 1"=20' SHEET 6 OF 13



SURVEYED -PLOTTED -ALIGNMENT RT. OF WAY CADD FILE

B00K

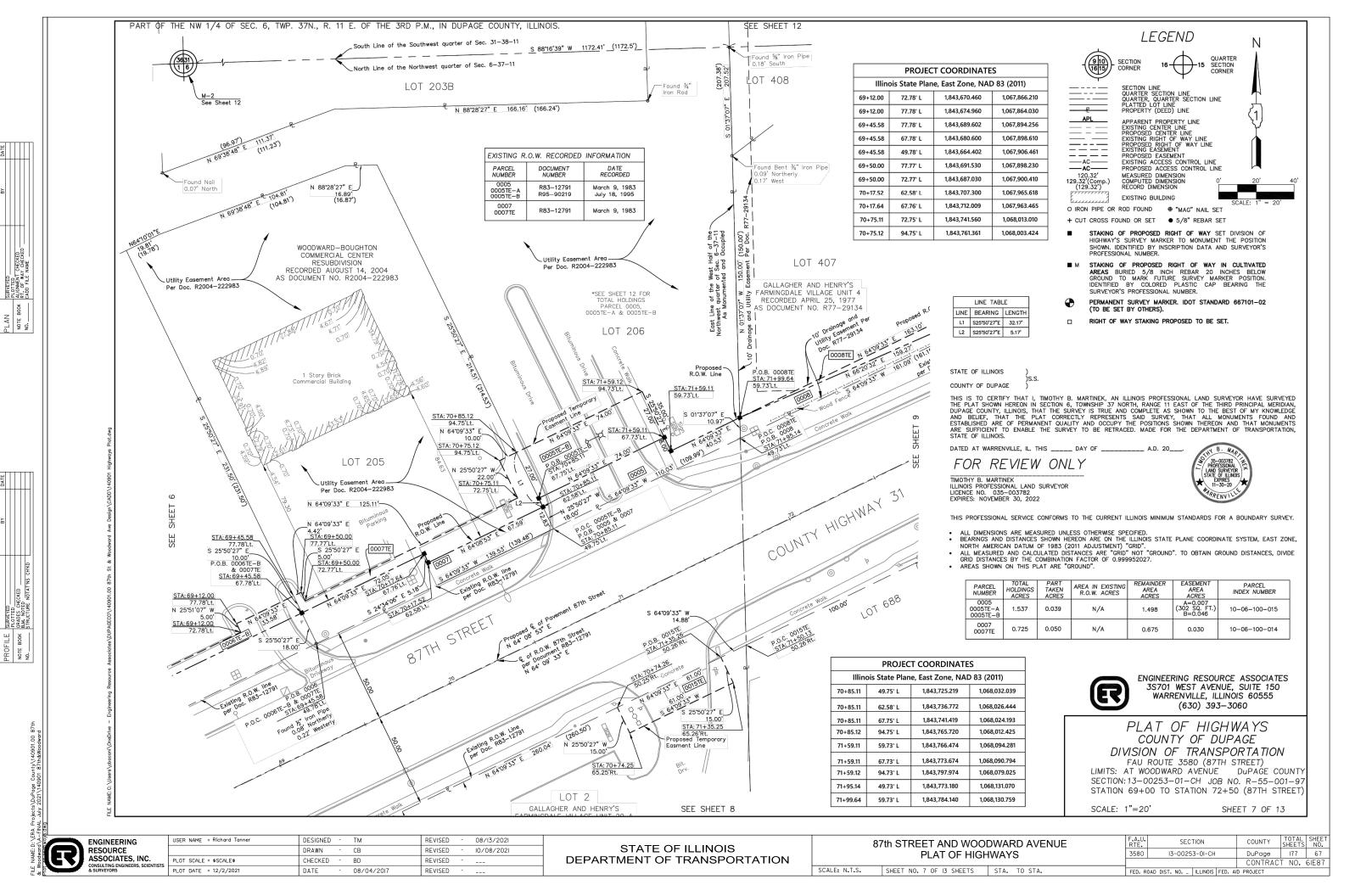
NOTE NO.

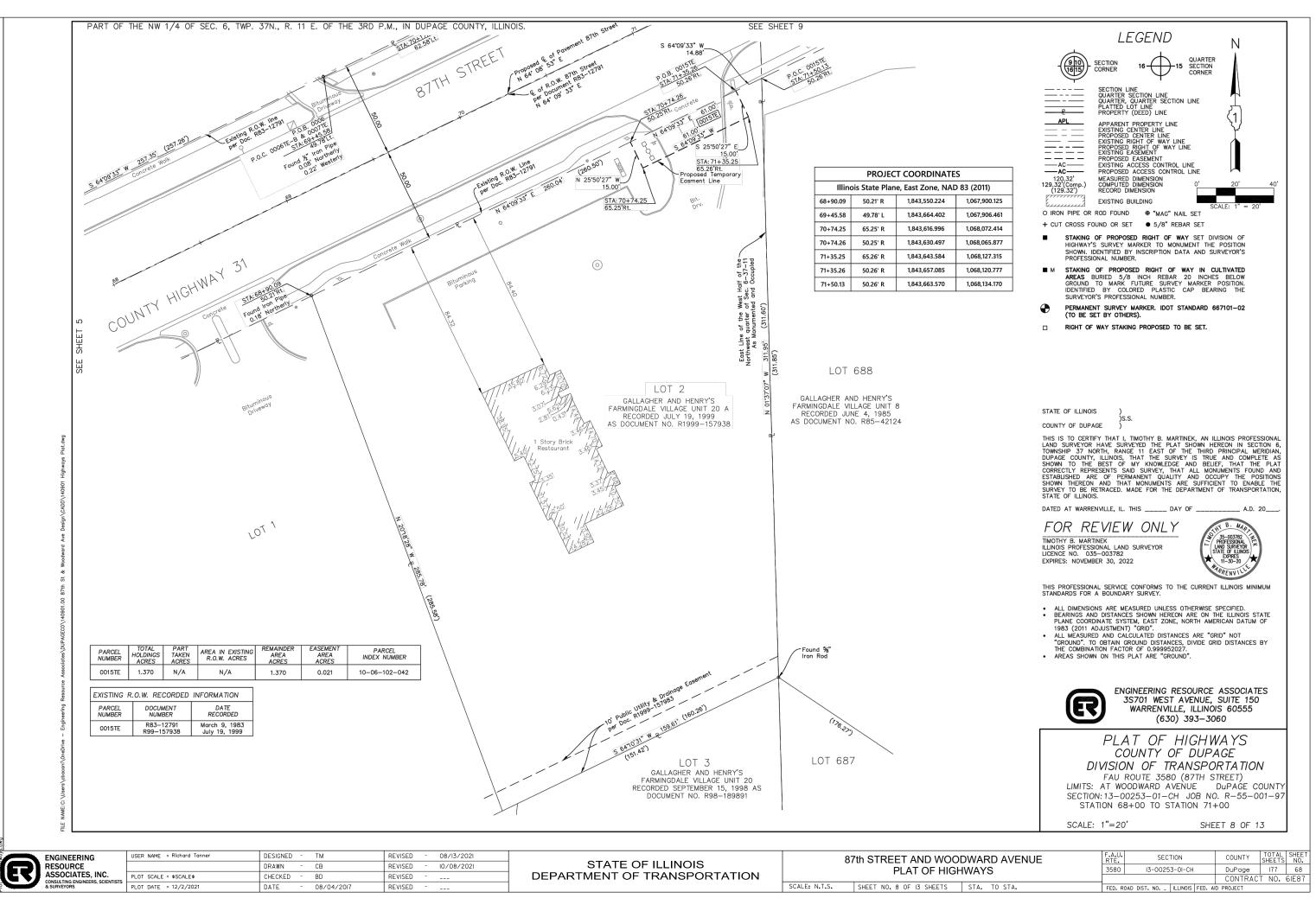
SURVEYED — PLOTTED — GRADES CHE B.M. NOTED STRUCTURE

	USER NAME = Richard Tanner	DESIGNED	-	TM	REVISED	-	08/13/2021
		DRAWN	-	СВ	REVISED	-	
TS	PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	
13	PLOT DATE = 12/2/2021	DATE	-	08/04/2017	REVISED	-	

PART OF THE NW 1/4 OF SEC. 6, TWP. 37N., R. 11 E. OF THE 3RD P.M., IN DUPAGE COUNTY, ILLINOIS.

F.A.U. RTE.	SEC.		COUNTY	TOTAL SHEETS	SHEET NO.		
3580	13-0025	3-0I-CH		Τ	DuPage	177	66
			Τ	CONTRAC	T NO.	6IE87	
FED. R	OAD DIST. NO	ILLINOIS	FED. /	ΔID	PROJECT		



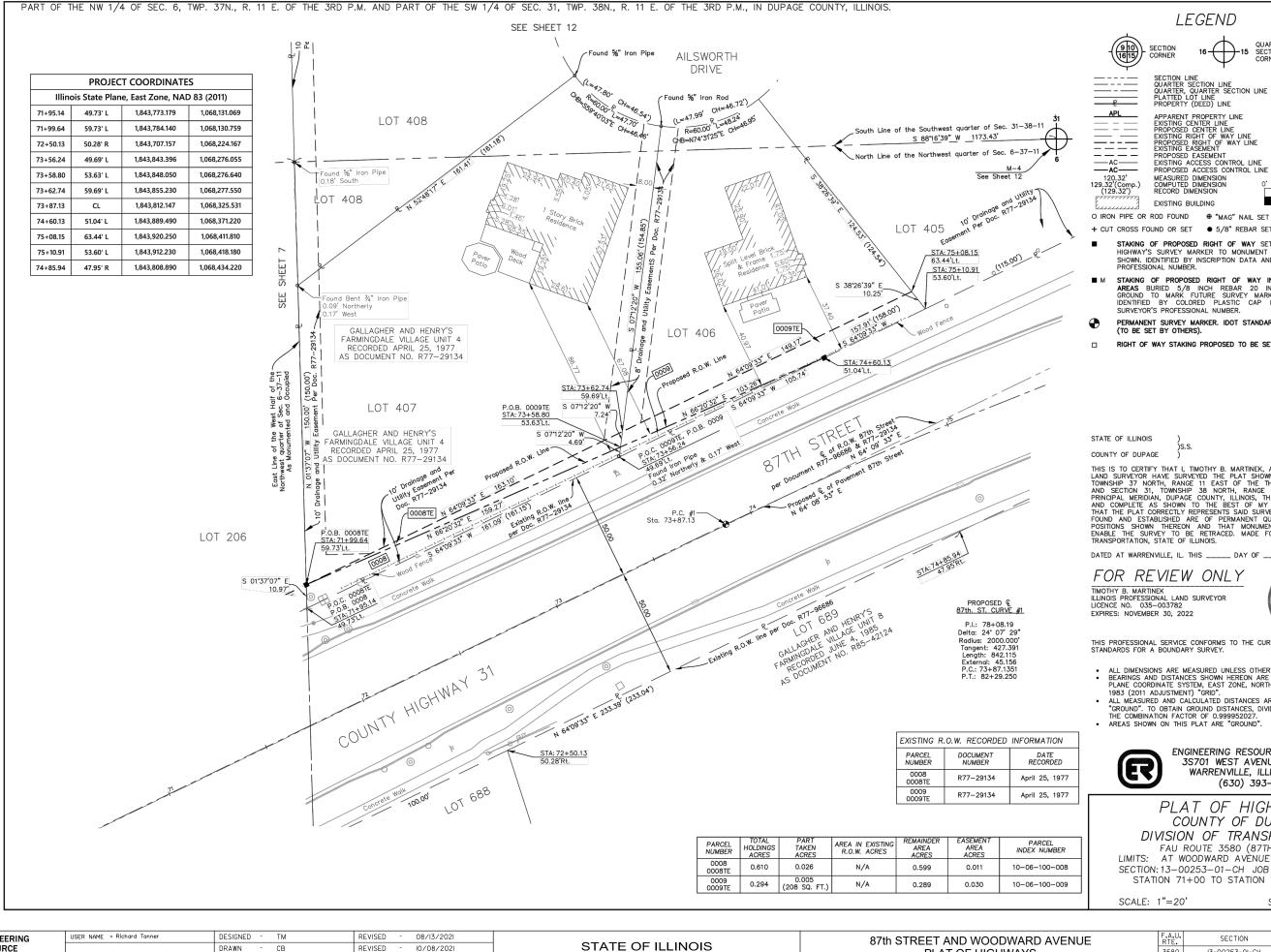


FILE NAME: D: \ERA

SURVEYED PLOTTED ALIGNMENT RT. OF WAY

B00K

PLAI NOTE



SECTION

QUARTER SECTION CORNER

Ν

LEGEND

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APPARENT PROPERTY LINE
EXISTING CENTER LINE
PROPOSED CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
EXISTING EASEMENT PROPOSED EASEMENT EXISTING ACCESS CONTROL LINE PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION COMPUTED DIMENSION RECORD DIMENSION

EXISTING BUILDING

+ CUT CROSS FOUND OR SET • 5/8" REBAR SET

STAKING OF PROPOSED RIGHT OF WAY SET DIVISION OF HIGHWAY'S SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYOR'S

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING THE SURVEYOR'S PROFESSIONAL NUMBER.

PERMANENT SURVEY MARKER. IDOT STANDARD 667101-02 (TO BE SET BY OTHERS).

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS

THIS IS TO CERTIFY THAT I, TIMOTHY B. MARTINEK, AN ILLINOIS PROFESSIONAL LAND SURVEYOR HAVE SURVEYED THE PLAT SHOWN HEREON IN SECTION 6, TOWNSHIP 37 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, AND SECTION 31, TOWNSHIP 38 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT WARRENVILLE, IL. THIS _____ DAY OF __

FOR REVIEW ONLY

TIMOTHY B. MARTINEK ILLINOIS PROFESSIONAL LAND SURVEYOR LICENCE NO. 035-003782 EXPIRES: NOVEMBER 30, 2022



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

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE
 PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF
- 1983 (2011 ADJUSTMENT) "GRID" ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT
- "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.999952027.

AREAS SHOWN ON THIS PLAT ARE "GROUND".



ENGINEERING RESOURCE ASSOCIATES 3S701 WEST AVENUE, SUITE 150 WARRENVILLE, ILLINOIS 60555 (630) 393-3060

PLAT OF HIGHWAYS COUNTY OF DUPAGE DIVISION OF TRANSPORTATION

FAU ROUTE 3580 (87TH STREET) LIMITS: AT WOODWARD AVENUE DUPAGE COUNT SECTION: 13-00253-01-CH JOB NO. R-55-001-97 STATION 71+00 TO STATION 75+00

SCALE: 1"=20'

SHEET 9 OF 13



USER NAME = Richard Tanner	DESIGNED	-	TM	REVISED	-	08/13/2021
	DRAWN	-	CB	REVISED	-	10/08/2021
PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	
PLOT DATE = 12/2/2021	DATE	-	08/04/2017	REVISED	-	

DEPARTMENT OF TRANSPORTATION

87th STREET AND WOODWARD AVENUE PLAT OF HIGHWAYS								
SCALE: N.T.S.	SHEET NO. 9 OF 13 SHEETS	STA. TO STA.						

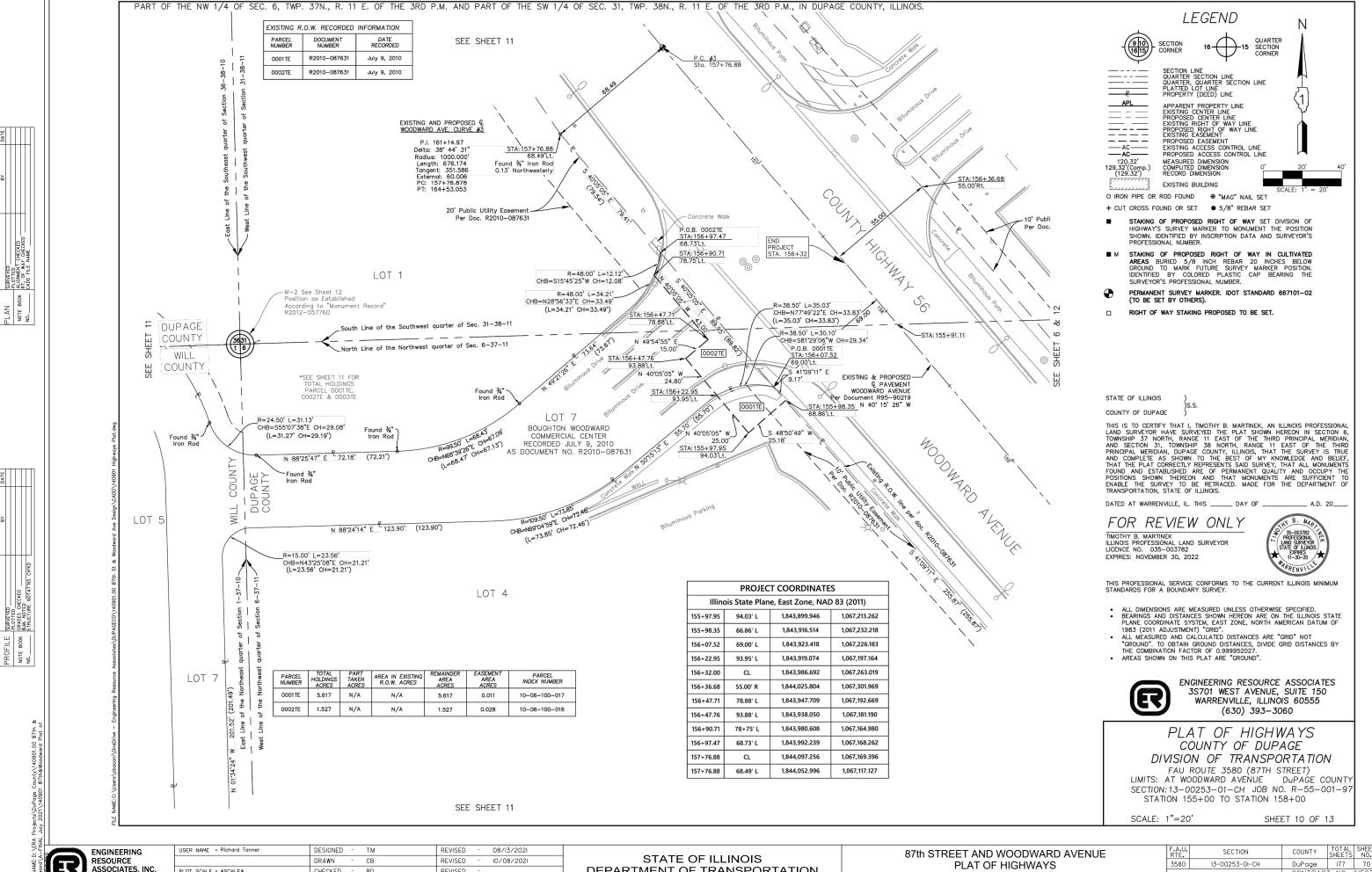
F.A.U. RTE.	SECTION					COUNTY	TOTAL SHEETS	SHEE NO.
3580	I3-00253-0I-CH					DuPage	177	69
<u> </u>						CONTRAC	T NO.	6IE87
FED. R	DAD DIST.	NO	ILLINOIS	FED.	AID	PROJECT		

SURVEYED -PLOTTED -ALIGNMENT RT. OF WAY CADD FILE

B00K

NOTE NO.

SURVEYED— PLOTTED— GRADES CHE B.M. NOTED STRUCTURE 1



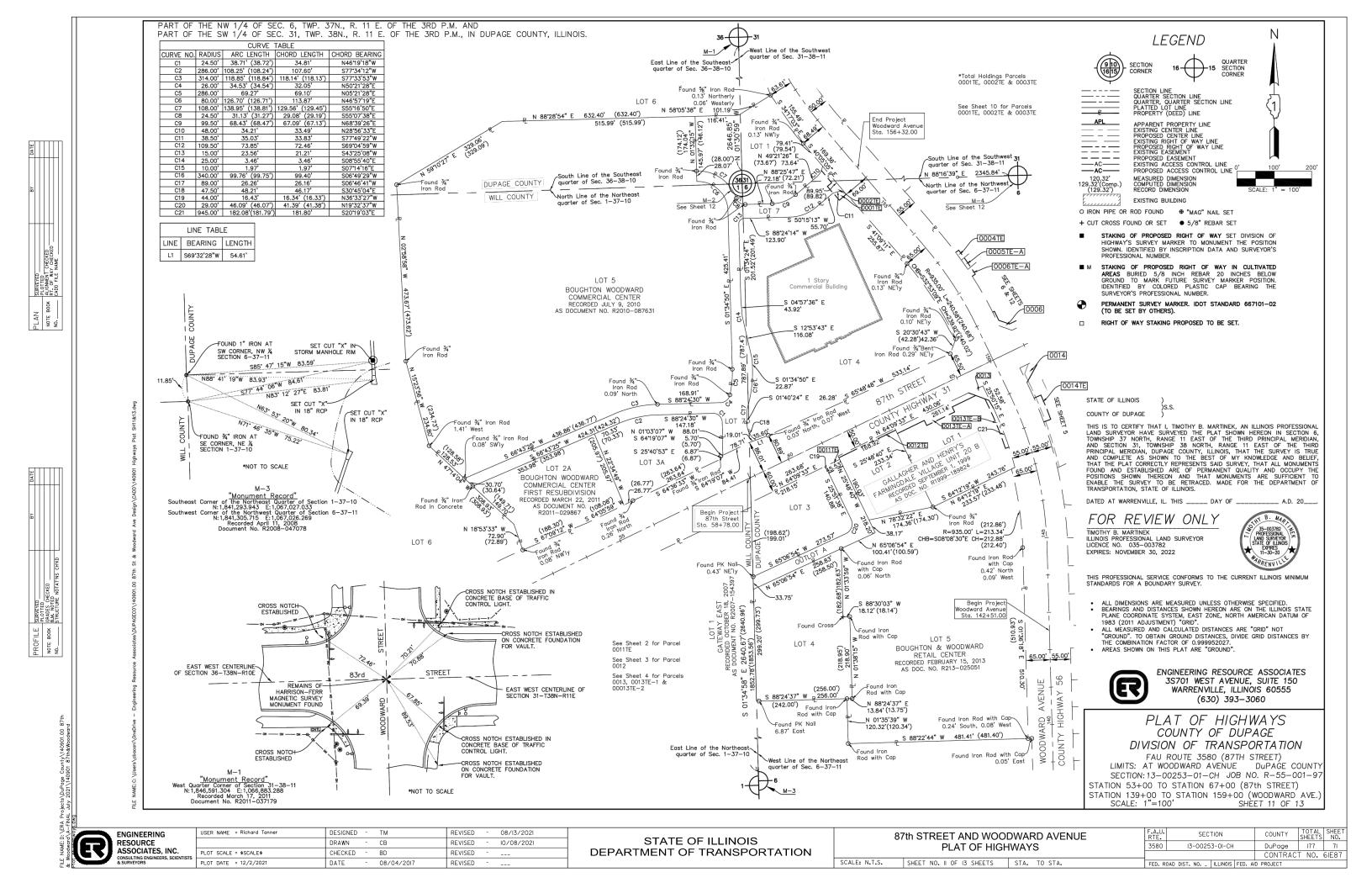
BD REVISED PLOT SCALE = \$SCALE\$ CHECKED PLOT DATE = 12/2/202 DATE 08/04/2017 REVISED

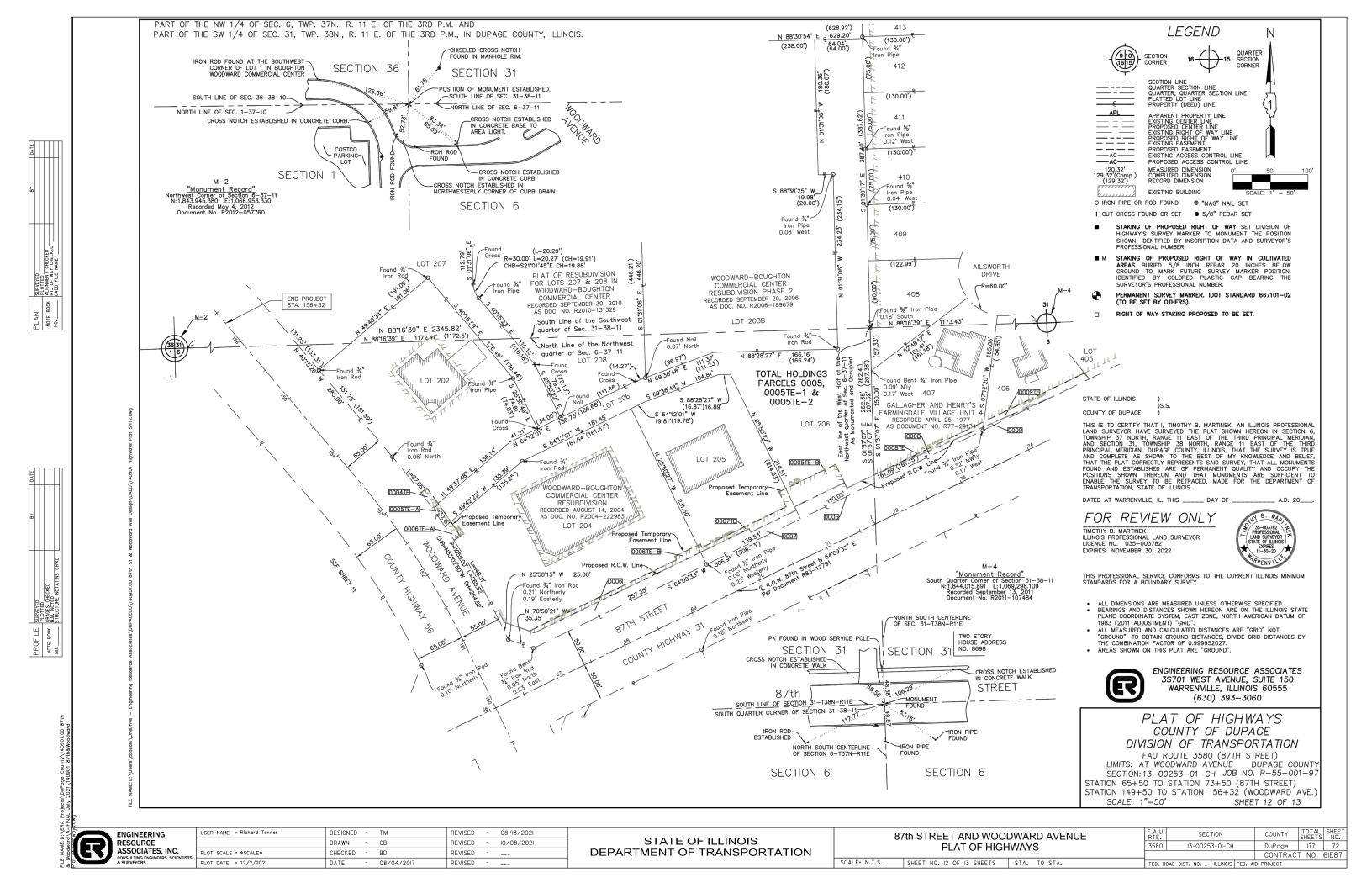
DEPARTMENT OF TRANSPORTATION

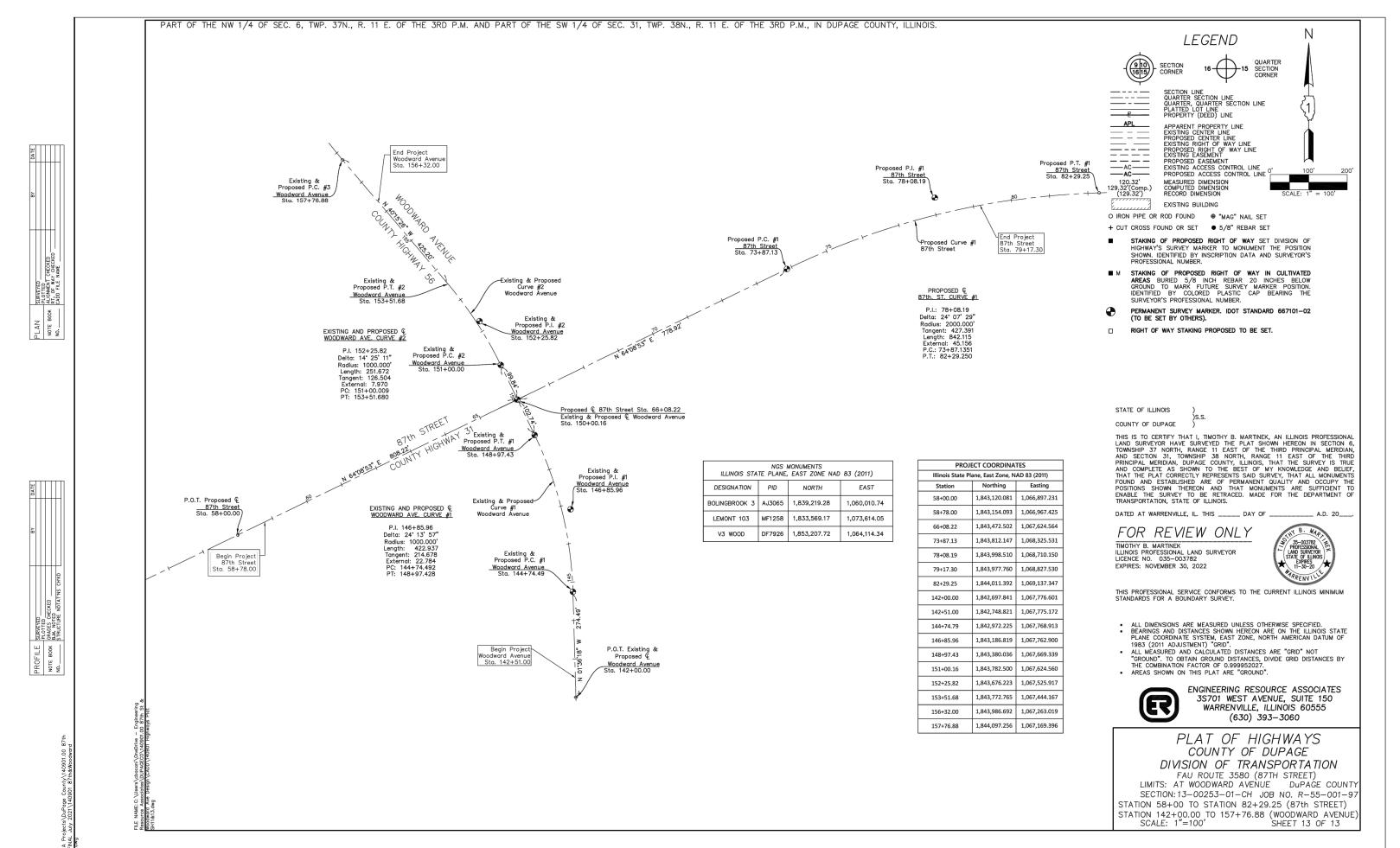
SHEET NO. 10 OF 13 SHEETS STA. TO STA.

SCALE: N.T.S.

CONTRACT NO. 6IE87 FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT







ENGINEERING
RESOURCE
ASSOCIATES, INC.
CONSULTING ENGINEERS, SCIENTISTS
& SURVEYORS

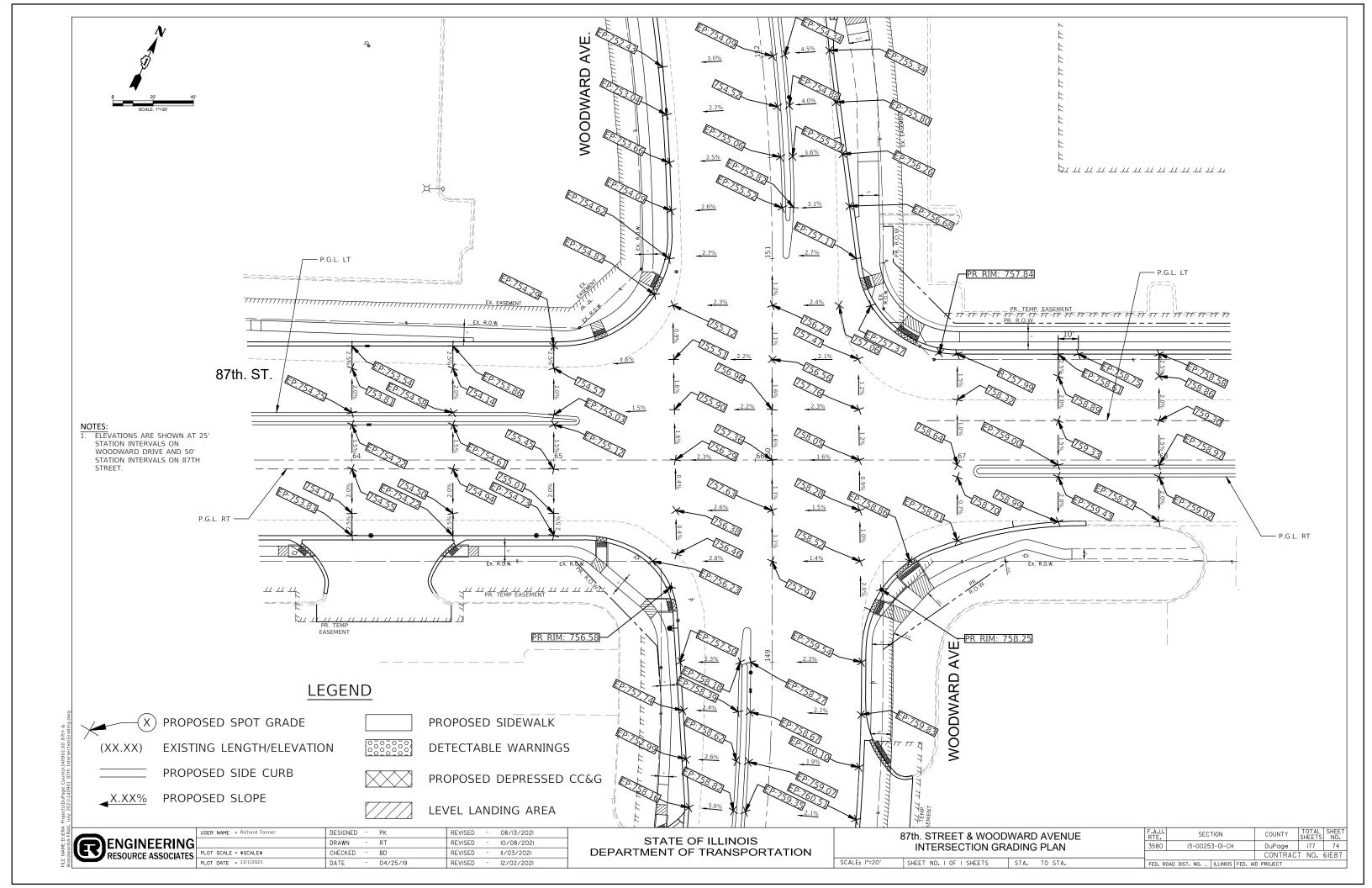
USER NAME = Richard Tanner 08/13/2021 DESIGNED TM REVISED DRAWN CB REVISED 10/03/2021 CHECKED REVISED PLOT SCALE = \$SCALE\$ PLOT DATE = 12/2/202 DATE 08/04/2017 REVISED

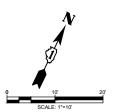
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

7th STREET AND WOODWARD AVENUE PLAT OF HIGHWAYS				
SHEET NO 13 OF 13 SHEETS	STA TO STA			

SCALE: N=7405.

F.A.U. RTE.	SECTION					COUNTY	TOTAL SHEETS	SHEE NO.
3580	13	3-0025	3-01-CH			DuPage	177	73
·						CONTRAC	T NO.	6IE8
FED. R	DAD DIST.	NO	ILLINOIS	FED.	AID	PROJECT		





	STATION	OFFSET	ELEVATION
Α	65+00.00	56.50' LT.	754.29
В	65+00.00	58.58' LT.	754.70
С	65+00.00	59.94' LT.	754.83
D	65+00.00	64.22' LT.	754.90
Е	65+20.77	59.26' LT.	754.64
F	65+20.12	61.23' LT.	754.61
G	65+19.49	63.13' LT.	754.64
Н	65+18.10	67.36' LT.	754.70
I	65+26.77	61.63' LT.	754.74
J	65+25.89	63.52' LT.	754.71
K	65+25.05	65.33' LT.	754.73
L	65+23.13	69.46' LT.	754.78
М	65+51.24 150+84.20	84.05' LT. 57.00' LT.	754.80
N	65+49.42 150+85.21	85.06' LT. 58.82' LT.	754.77
0	65+47.68 150+86.19	86.04' LT. 60.56' LT.	754.80
Р	65+46.86 150+86.65	86.50' LT. 61.38' LT.	754.81
Q	65+42.48 150+89.10	88.95' LT. 65.76' LT.	754.88
R	65+54.21 150+90.17	90.02' LT. 54.03' LT.	754.73
S	65+52.38 150+91.19	91.04' LT. 55.86' LT.	754.70
Т	65+50.63 150+92.17	92.02' LT. 57.61' LT.	754.73
U	65+48.87 150+93.16	93.01' LT. 59.44' LT.	754.76
V	65+43.83 150+93.55	93.40' LT. 64.41' LT.	754.83
W	65+49.29 151+00.00	99.79' LT.	755.21
Х	65+44.28 151+00.00	99.79' LT. 63.96' LT.	755.28

TOP STATION AND ELEVATION IS
BASED FROM 87th. STREET BASE LINE.
THE BOTTOM STATION AND ELEVATION
IS BASED FROM WOODWARD AVENUE

LEGEND

(X) PROPOSED SPOT GRADE EXISTING LENGTH/ELEVATION

PROPOSED SLOPE

LEVEL LANDING AREA

S S R R R R R R R R R R R R R R R R R R	
EX. EASEMENT W EX. R.O.W. B A EX. ASEMENT A B A B A B A B A B B A B B	WOODWARD AVE.
87th ST.	
	66 _FI

NORTHWEST 87th STREET AND **WOODWARD AVENUE**

SCALE: I"=IO'

PROPOSED SIDEWALK DETECTABLE WARNINGS PROPOSED SIDE CURB PROPOSED DEPRESSED CC&G

USER NAME = Richard Tanner DESIGNED - PK REVISED - 08/13/2021 DRAWN RT REVISED 10/08/2021 CHECKED BD REVISED 12/02/2021 PLOT DATE = 12/1/2021 04/25/19 REVISED

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

COUNTY TOTAL SHEET NO.

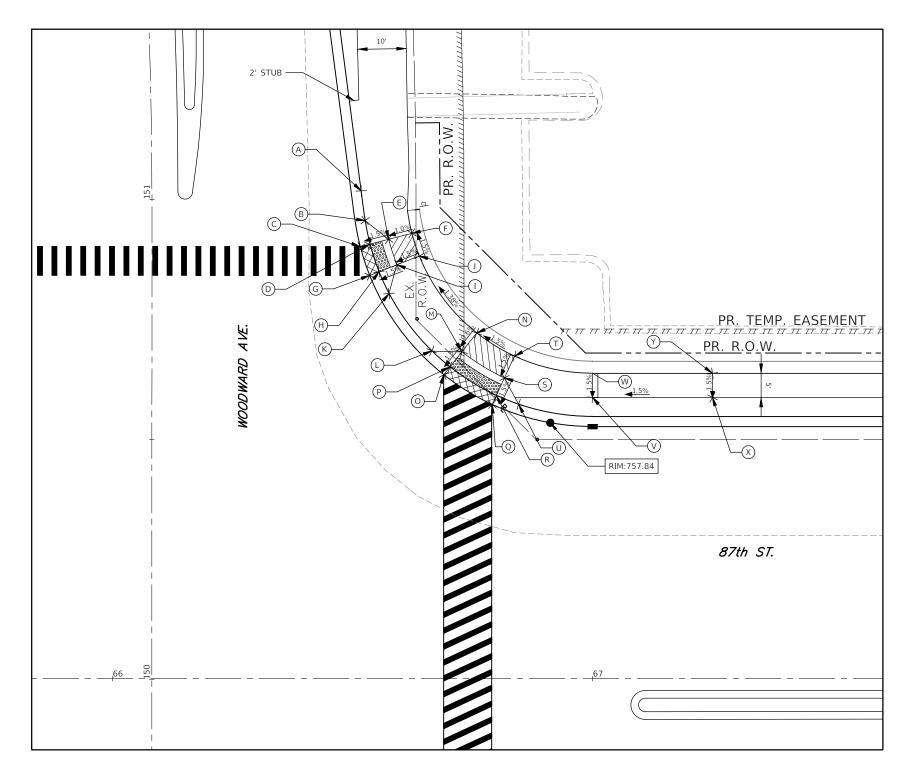
DuPage 177 75

CONTRACT NO. 61E87 F.A.U. RTE. 3580 87th STREET CURB RAMP GRADING PLAN I3-00253-0I-CH SHEET NO. I OF 12 SHEETS STA. FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT

ENGINEERING
RESOURCE ASSOCIATES
PLOT SCALE = \$SCALE\$

A 66+51.81 151+07.71 43.57' RT. 757.50 B 66+52.64 150+95.59 44.40' RT. 757.57 C 66+51.60 89.99' LT. 150+90.17 43.38' RT. 757.22 150+90.17 757.22 D 66+53.63 90.52' LT. 757.19 150+90.69 45.39' RT. 757.25 150+91.69 49.27' RT. 757.25 150+91.69 49.27' RT. F 66+63.58 92.77' LT. 757.30 150+92.94 54.11' RT. 757.28 150+84.17 45.34' RT. 757.25 150+84.17 RT. G 66+53.58 84.00' LT. 757.25 150+84.69 47.37' RT. 757.31 150+84.69 47.37' RT. 757.31 150+86.38 51.01' RT. J 66+659.25 86.20' LT. 757.38 150+88.19 55.01' RT. 757.38 80.21' LT. 757.38 150+88.19 55.67' RT. K 66+57.61 80.21' LT. 757.63 Nh 66+75.87 71.97' LT. 757.66 Ohe-75.87 71.97' LT. 757.66 Ohe-75.87 71.97' LT. 757.66 Ohe-75.87 71.97' LT. 757.67 Ohe-75.89 S8.98' LT. 757.57 Ph 66+70.28 64.92' LT. 757.57 Ph 66+70.28 64.92' LT. 757.70 Rh 66+79.96 58.98' LT. 757.70 Rh 66+83.72 67.15' LT. 757.73 Th 66+83.72 67.15' LT. 757.73 Th 66+83.72 67.15' LT. 757.73 Th 66+83.72 67.15' LT. 757.80 Uhler 64-84.60 57.12' LT. 757.17 Vhistory of 67+00.00 58.58' LT. 758.64 White 67+00.00 63.58' LT. 759.09 Th 67+25.00 63.58' LT. 759.09 Th 759		STATION	OFFSET	ELEVATION
150+95.59	Α			757.50
150+90.17	В			757.57
150+90.69	С			757.22
150+91.69	D			757.19
150+92.94 54.11' RT. G 66+53.58 84.00' LT. 757.28 150+84.17 45.34' RT. T 150+84.69 47.37' RT. T 150+86.38 51.01' RT. 150+86.38 51.01' RT. 150+86.38 55.67' RT. T 757.31 150+86.38 49.38' RT. T 757.75 150+80.38 49.38' RT. L 66+65.51 68.22' LT 757.75 150+80.38 49.38' RT. L 66+66.53 68.22' LT 757.63 N 66+72.76 68.05' LT. 757.66 O 66+69.01 63.29' LT. 757.57 P 66+70.28 64.92' LT. 757.70 R 66+79.96 58.98' LT. 757.67 S 66+81.63 62.61' LT. 757.73 T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 758.64 W 67+00.00 58.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02 X 67+25.0	E			757.25
150+84.17 45.34' RT. H 66+52.52 84.75' LT. 757.25 150+84.69 47.37' RT. 757.25 150+84.69 51.01' RT. 150+86.38 51.01' RT. 757.38 150+88.19 55.67' RT. 757.75 150+88.19 55.67' RT. 757.75 150+88.38 RT. 150+88.38 RT. 150+88.38 RT. 150+80.38 R	F			757.30
150+84.69	G			757.28
150+86.38 51.01' RT. 150+86.38 51.01' RT. 150+88.19 55.67' RT. K 66+57.61 80.21' LT. 757.75 150+80.38 49.38' RT. L 66+66.53 68.22' LT 757.92 M 66+72.76 68.05' LT. 757.63 N 66+75.87 71.97' LT. 757.66 O 66+69.01 63.29' LT. 757.57 P 66+70.28 64.92' LT. 757.54 Q 66+79.10 57.09' LT. 757.70 R 66+79.96 58.98' LT. 757.73 T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 758.64 W 67+00.00 58.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02 X 67+25.00 X 6	Н			757.25
150+88.19 55.67' RT. K 66+57.61 150+80.38 49.38' RT. 757.75 L 66+66.53 68.22' LT 757.92 M 66+72.76 68.05' LT. 757.63 N 66+75.87 71.97' LT. 757.66 O 66+69.01 63.29' LT. 757.57 P 66+70.28 64.92' LT. 757.70 R 66+79.10 57.09' LT. 757.70 S 66+81.63 62.61' LT. 757.73 T 66+83.72 67.15' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	I			757.31
150+80.38	J			757.38
M 66+72.76 68.05' LT. 757.63 N 66+75.87 71.97' LT. 757.66 O 66+69.01 63.29' LT. 757.57 P 66+70.28 64.92' LT. 757.54 Q 66+79.10 57.09' LT. 757.70 R 66+79.96 58.98' LT. 757.67 S 66+81.63 62.61' LT. 757.73 T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 58.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	K			757.75
N 66+75.87 71.97' LT. 757.66 O 66+69.01 63.29' LT. 757.57 P 66+70.28 64.92' LT. 757.54 Q 66+79.10 57.09' LT. 757.70 R 66+79.96 58.98' LT. 757.67 S 66+81.63 62.61' LT. 757.73 T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	L	66+66.53	68.22' LT	757.92
O 66+69.01 63.29' LT. 757.57 P 66+70.28 64.92' LT. 757.54 Q 66+79.10 57.09' LT. 757.67 R 66+79.96 58.98' LT. 757.67 S 66+81.63 62.61' LT. 757.73 T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	М	66+72.76	68.05' LT.	757.63
P 66+70.28 64.92' LT. 757.54 Q 66+79.10 57.09' LT. 757.70 R 66+79.96 58.98' LT. 757.67 S 66+81.63 62.61' LT. 757.73 T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	N	66+75.87	71.97' LT.	757.66
Q 66+79.10 57.09' LT. 757.70 R 66+79.96 58.98' LT. 757.67 S 66+81.63 62.61' LT. 757.73 T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	0	66+69.01	63.29' LT.	757.57
R 66+79.96 58.98' LT. 757.67 S 66+81.63 62.61' LT. 757.73 T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	Р	66+70.28	64.92' LT.	757.54
S 66+81.63 62.61' LT. 757.73 T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	Q	66+79.10	57.09' LT.	757.70
T 66+83.72 67.15' LT. 757.80 U 66+84.60 57.12' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	R	66+79.96	58.98' LT.	757.67
U 66+84.60 57.12' LT. 757.17 V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	S	66+81.63	62.61' LT.	757.73
V 67+00.00 58.58' LT. 758.64 W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	Т	66+83.72	67.15' LT.	757.80
W 67+00.00 63.58' LT. 758.71 X 67+25.00 58.58' LT. 759.02	U	66+84.60	57.12' LT.	757.17
X 67+25.00 58.58' LT. 759.02	V	67+00.00	58.58' LT.	758.64
	W	67+00.00	63.58' LT.	758.71
Y 67+25.00 63.58' LT. 759.09	Х	67+25.00	58.58' LT.	759.02
	Υ	67+25.00	63.58' LT.	759.09

NOTE:
TOP STATION AND ELEVATION IS BASED
FROM 87th. STREET BASE LINE.
THE BOTTOM STATION AND ELEVATION
IS BASED FROM WOODWARD AVENUE
BASE LINE.



NORTHEAST CORNER 87th STREET AND WOODWARD AVENUE

LEGEND

(X) PROPOSED SPOT GRADE

EXISTING LENGTH/ELEVATION

PROPOSED SIDEWALK DETECTABLE WARNINGS

PROPOSED SIDE CURB

PROPOSED DEPRESSED CC&G



PROPOSED SLOPE

LEVEL LANDING AREA

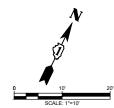
ıradıı		
ction	ENGINEERING	
terse	ENGINEERING RESOURCE ASSOCIATES	

USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	08/13/2021
	DRAWN	-	RT	REVISED	-	10/08/2021
PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	11/03/2021
PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	12/02/2021

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

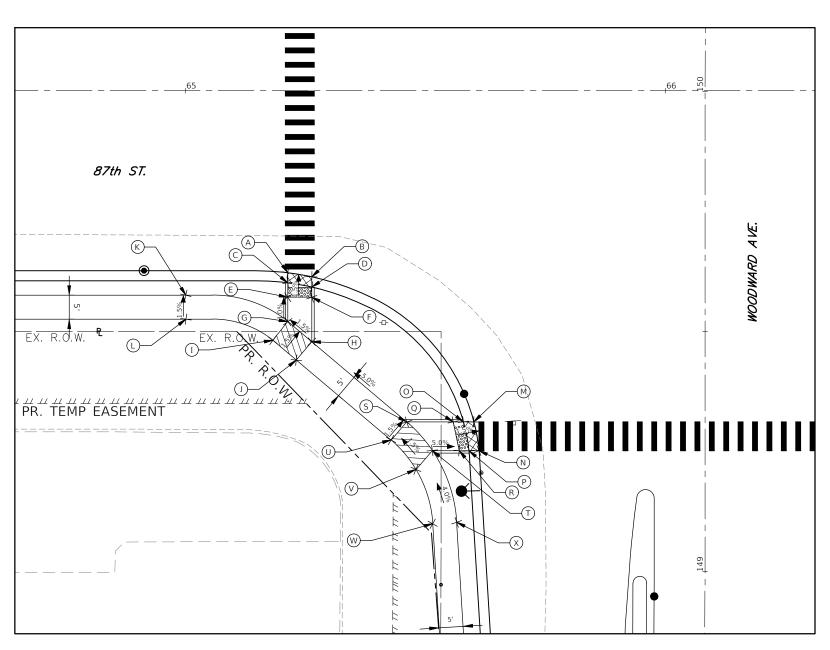
87th STREET CURB RAMP GRADING PLAN		F.A.U. RTE.	SEC	TION	COUNTY	TOTAL SHEETS	SHI	
		3580	13-0025	3-0I-CH	DuPage	177	7	
					CONTRAC	T NO.	6IE	
ET NO. 2 OF 12 SHEETS	STA.	TO STA.	FFD. B	OAD DIST. NO.	ILLINOIS FED. A	ID PROJECT		

SCALE: I"=IO'



	STATION	OFFSET	ELEVATION
Α	65+21.27	37.90' RT.	755.34
В	65+26.27	38.75' RT.	755.49
С	65+21.27	40.00' RT.	755.31
D	65+26.27	40.88' RT.	755.46
Е	65+21.27	43.00' RT.	755.35
F	65+26.27	43.00' RT.	755.42
G	65+21.27	48.07' RT.	755.40
Н	65+26.27	52.27' RT.	755.50
I	65+18.15	51.97' RT.	755.47
J	65+23.04	56.10' RT.	755.57
К	65+00.00	42.58' RT.	755.40
L	65+00.00	47.58' RT.	755.47
М	65+60.01 149+31.18	68.97' RT. 48.19' LT.	756.73
N	65+61.09 149+25.18	74.97' RT. 47.10' LT.	756.88
0	65+57.85 149+31.18	68.97' RT. 50.35' LT.	756.70
Р	65+59.00 149+25.18	74.97' RT. 49.20' LT.	756.85
Q	65+55.75 149+31.18	68.97' RT. 52.45' LT.	756.73
R	65+56.99 149+25.18	74.97' RT. 51.21' LT.	756.82
S	65+46.05 149+31.17	68.97' RT. 62.15' LT.	756.98
Т	65+51.39 149+25.18	74.97' RT. 56.81' LT.	757.10
U	65+42.80 149+27.52	72.77' RT. 65.56' LT.	757.05
V	65+47.99 149+21.21	78.94' RT. 60.21' LT.	757.17
W	65+51.46 149+09.95	90.20' RT. 56.73' LT.	757.81
Х	65+56.45 149+10.26	89.89' RT. 51.74' LT.	757.74

NOTE:
TOP STATION AND ELEVATION IS BASED
FROM 87th. STREET BASE LINE.
THE BOTTOM STATION AND ELEVATION
IS BASED FROM WOODWARD AVENUE
BASE LINE.



SOUTHWEST 87th STREET AND WOODWARD AVENUE

SCALE: I"=IO'

LEGEND

(X) PROPOSED SPOT GRADE

PROPOSED SIDEWALK

EXISTING LENGTH/ELEVATION

DETECTABLE WARNINGS

PROPOSED SIDE CURB



PROPOSED DEPRESSED CC&G

PROPOSED SLOPE



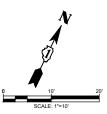
LEVEL LANDING AREA

	_
ENGINEERING RESOURCE ASSOCIATES	
RESOURCE ASSOCIATES	F
THE CONTROL PROCESSIVITES	F

	USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	08/13/2021
G		DRAWN	-	RT	REVISED	-	12/02/2021
S	PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	
	PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	

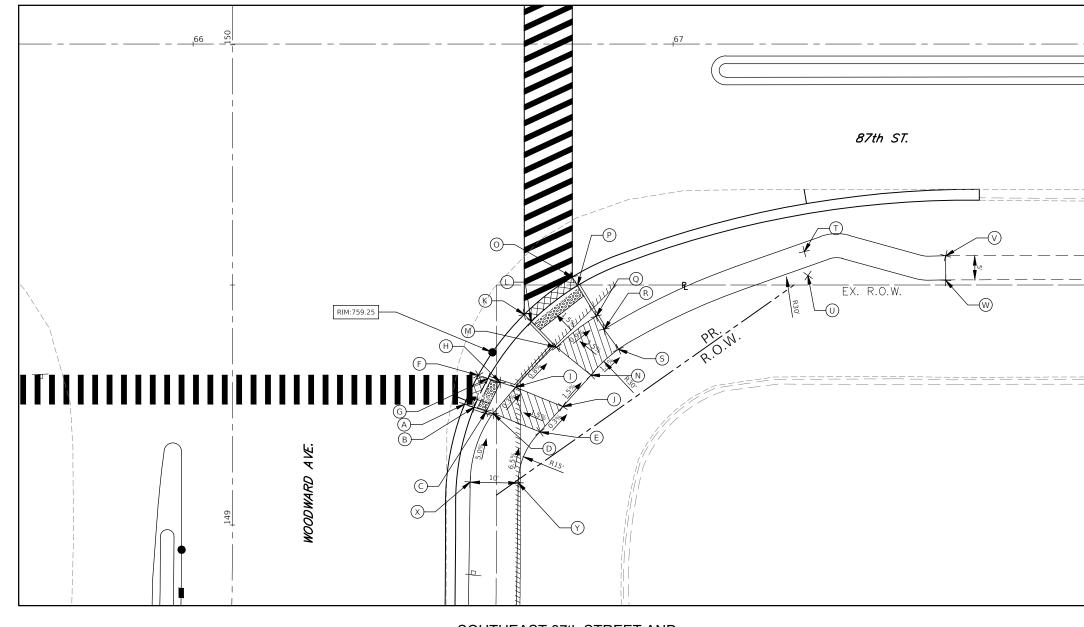
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

87th STREET CURB RAMP GRADING PLAN		· SECTION COUNTY		COUNTY	TOTAL SHEETS	SHEE NO.
		13-00253-01-CH DuPage		177	77	
				CONTRAC	T NO.	6IE87
SHEET NO. 3 OF 12 SHEETS STA. TO STA.	FED. R	OAD DIST, NO ILLINO	IS FED.	AID PROJECT		



	STATION	OFFSET	ELEVATION
А	66+56.57 149+25.18	75.00' RT. 48.37' RT.	759.34
В	66+58.55 149+24.53	75.65' RT. 50.35' RT.	759.31
С	66+61.09 149+23.69	76.48' RT. 52.90' RT.	759.35
D	66+62.58 149+23.23	76.89' RT. 54.30' RT.	759.37
Е	66+72.25 149+19.41	80.77' RT. 64.06' RT.	759.53
F	66+59.41 149+31.18	69.00' RT. 51.21' RT.	759.29
G	66+61.43 149+30.53	69.65' RT. 53.23' RT.	759.26
Н	66+63.99 149+29.71	70.47' RT. 55.79' RT.	759.30
I	66+67.16 149+28.69	71.49' RT. 58.96' RT.	759.35
J	66+77.01 149+24.69	75.49' RT. 68.81' RT.	759.51
K	66+69.01 149+43.86	56.32' RT. 60.80' RT.	759.17
L	66+70.47 149+42.38	57.80' RT. 62.26' RT.	759.14
М	66+75.73 149+37.04	63.14' RT. 67.53' RT.	759.25
N	66+82.88 149+31.22	68.97' RT. 74.68' RT.	759.38
0	66+79.01 149+51.66	48.52' RT. 70.80' RT.	759.07
Р	66+80.09 149+49.89	50.29' RT. 71.88' RT.	759.04
Q	66+83.09 149+43.48	56.70' RT. 75.79' RT.	759.15
R	66+85.63 149+40.79	59.39' RT. 77.42' RT.	759.20
S	66+88.62 149+36.63	63.56' RT. 80.42' RT.	759.27
Т	66+24.27	44.20' RT.	759.31
U	67+25.11	49.20' RT.	759.38
V	67+56.79	44.09' RT.	(759.40)
W	67+56.79	49.11' RT.	(759.49)
Х	66+57.72 149+08.95	91.22' RT. 49.52' RT.	760.15
Y	66+67.71 149+08.82	91.36' RT. 59.52' RT.	760.30

NOTE:
TOP STATION AND ELEVATION IS
BASED FROM 87th. STREET BASE LINE.
THE BOTTOM STATION AND ELEVATION
IS BASED FROM WOODWARD AVENUE
BASE LINE.



LEGEND

SOUTHEAST 87th STREET AND WOODWARD AVENUE



PROPOSED SPOT GRADE

EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

X.XX%

PROPOSED SLOPE

PROPOSED SIDEWALK

00000

DETECTABLE WARNINGS

PROPOSED DEPRESSED CC&G

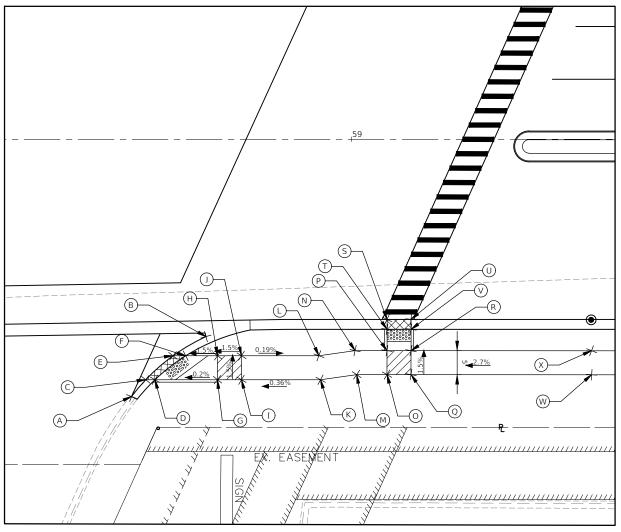
LEVEL LANDING AREA

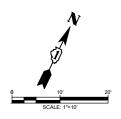
ENGINEERING RESOURCE ASSOCIATES

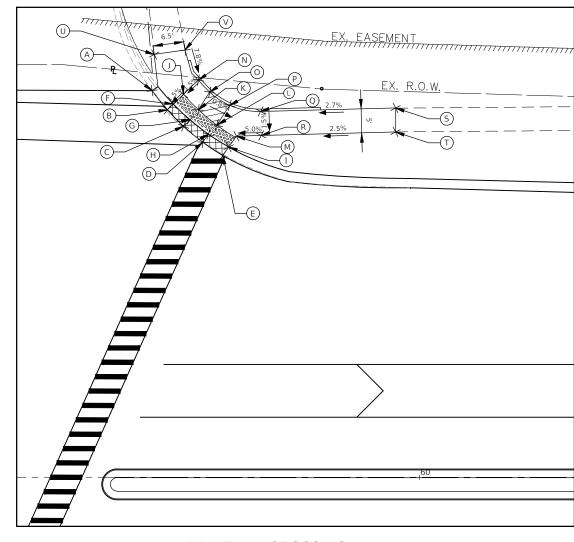
	USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	08/13/2021
;		DRAWN	-	RT	REVISED	-	10/08/2021
S	PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	11/03/2021
_	PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	12/02/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

87th STREET		F.A.U. RTE.				COUNTY	TOTAL SHEETS	SHEET NO.	
CURB RAMP GRADING PLAN		3580	I3-00253-0I-CH			DuPage	177	78	
							CONTRAC	T NO.	6IE87
HEET NO. 4 OF 12 SHEETS	STA.	TO STA.	FED. RO	DAD DIST. NO	ILLIN0IS	FED. AI	D PROJECT		





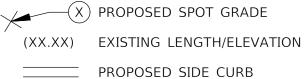


DRIVEWAY CROSSING AT COSTCO ENTRANCE

DRIVEWAY CROSSING AT ASHLEY FURNITURE ENTRANCE

	STATION	OFFSET	ELEVATION
А	58+54.15	53.59' RT.	(751.40)
В	58+69.65	41.09' RT.	751.03
С	58+57.09	50.08' RT.	751.32
D	58+59.02	50.08' RT.	751.29
E	58+62.78	45.08' RT.	751.17
F	58+65.44	45.08' RT.	751.14
G	58+72.06	50.05' RT.	751.31
Н	58+72.06	45.08' RT.	751.24
I	58+77.06	50.08' RT.	751.38
J	58+77.06	45.08' RT.	751.31
K	58+93.53	50.08' RT.	751.43
L	58+93.18	45.08' RT.	751.36
М	59+01.06	49.02' RT,	751.46
N	59+00.71	44.02' RT.	751.39
0	59+07.37	49.02' RT.	751.49
Р	59+07.38	44.02' RT.	751.42
Q	59+12.37	49.02' RT.	751.52
R	59+12.38	44.02' RT.	751.45
S	59+07.38	37.50' RT.	751.38
Т	59+07.38	39.58' RT.	751.35
U	59+12.38	37.50' RT.	751.42
V	59+12.38	39.58' RT.	751.39
W	59+50.00	44.03' RT.	752.55
Х	59+50.00	49.03' RT.	752.48

<u>LEGEND</u>



X.XX% PROPOSED SLOPE

0000000

PROPOSED SIDEWALK

DETECTABLE WARNINGS



PROPOSED DEPRESSED CC&G



LEVEL LANDING AREA

	STATION	OFFSET	ELEVATION
Α	59+44.29	80.54' LT.	(752.03)
В	59+47.47	76.55' LT.	752.00
С	59+50.83	73.12' LT.	751.97
D	59+54.84	60.80' LT.	751.92
Е	59+59.00	67.03' LT.	751.91
F	59+48.70	77.73' LT.	751.97
G	59+52.20	74.44' LT.	751.94
Н	59+56.01	71.47' LT.	751.92
I	59+60.23	68.79' LT.	751.88
J	59+50.82	79.78' LT.	752.01
K	59+53.92	76.56' LT.	751.98
L	59+57.75	73.36' LT	751.95
М	59+61.64	70.80' LT.	751.95
N	59+53.91	82.74' LT.	752.07
0	59+56.27	80.23' LT.	752.04
Р	59+60.44	77.49' LT.	752.02
Q	59+66.87	76.21' LT.	752.28
R	59+67.00	71.93' LT.	752.21
S	59+95.00	76.93' LT.	(753.03)
Т	59+95.00	71.93' LT.	(752.91)
U	59+44.71	88.09' LT.	(752.54)
V	59+51.14	89.00' LT.	(752.62)

RESOURCE ASSOCIATES

	USER NAME - Michard ranner	DESIGNED		FN	ME VISED		06/13/2021
ì		DRAWN	-	RT	REVISED	-	10/08/2021
	PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	12/02/2021
	PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

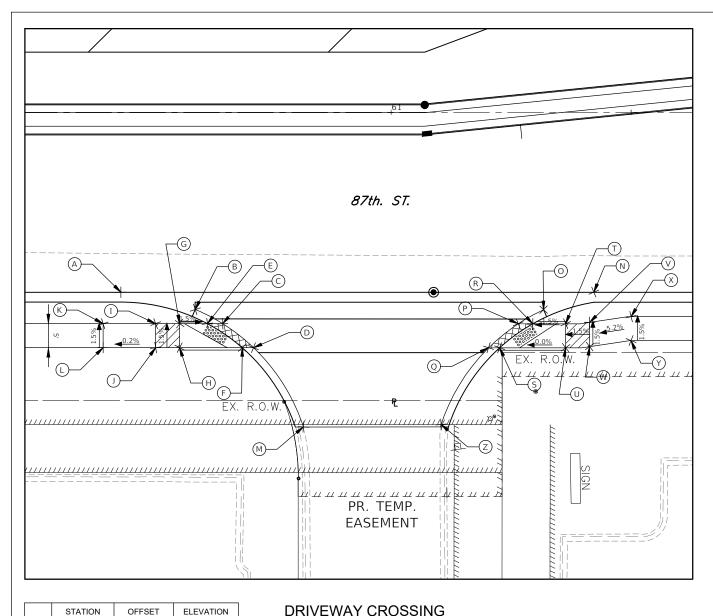
	87th STRE CURB RAMP GRA		PLAN
SCALE: I"=IO'	SHEET NO. 5 OF 12 SHEETS	STA.	TO STA.

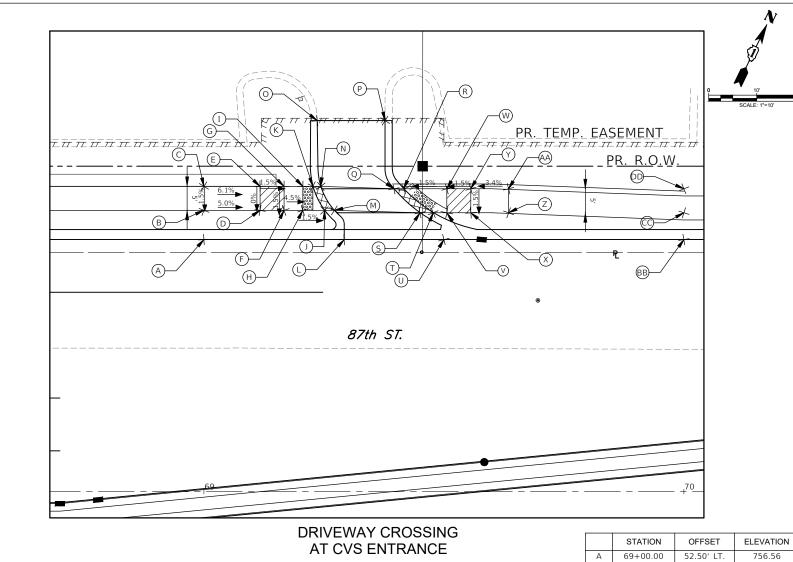
 F.A.L. RTE.
 SECTION
 COUNTY SHEETS NO.
 TOTAL SHEETS NO.

 3580
 I3-00253-01-CH
 DuPage
 I77
 79

 CONTRACT NO. 6IE87

 FED. ROAD DIST. NO. _ | ILLINOIS | FED. AID PROJECT





60+64.89 752.56 60+71.32 49.05' RT. 752.85 60+61.73 44.05' RT. 752.53 49.05' RT. 60+68.98 752.82 60+55.94 752.61 752.68 60+50.94 44.05' RT. 752.75 60+50.94 49.05' RT. 44.05' RT. 752.66 60+40.00 752.73 60+40.00 49.05' RT. 60+81.72 (753.55) 752.59 61+31.76 44.07' RT. 752.73 61+26.48 61+20.30 61+29.51 61+22.60 752.88 44.07' RT. 752.80 61+36.36 49.07' RT. 752.87 61+36.36

48.82' RT.

65.53' RT.

(752.21)

752.38

752.87

752.94

753.32 753.39

(753.35)

60+43.69

60+59.19

DRIVEWAY CROSSING AT ATHLETICO ENTRANCE

LEGEND

(X) PI

(X) PROPOSED SPOT GRADE

PROPOSED SIDE CURB

PROPOSED SLOPE

EXISTING LENGTH/ELEVATION

PROPOSED SIDEWALK

DETECTABLE WARNINGS

PROPOSED DEPRESSED CC&G

LEVEL LANDING AREA

В	69+00.00	58.58' LT.	757.65
С	69+00.00	63.58' LT.	757.72
D	69+11.69	58.58' LT.	757.07
Е	69+11.69	63.58' LT.	757.07
F	69+16.69	58.58' LT.	756.99
G	69+16.69	63.58' LT.	757.00
Н	69+20.61	58.58' LT.	756.82
I	69+20.61	63.58' LT.	756.83
J	69+25.12	58.58' LT.	756.75
K	69+22.69	63.58' LT.	756.80
L	69+29.22	52.50' LT.	757.08
М	69+27.15	58.58' LT.	756.75
N	69+24.35	63.58' LT.	756.83
0	69+23.59	77.28' LT.	(754.90)
Р	69+37.74	77.28' LT.	(754.80)
Q	69+39.59	63.08' LT.	756.84
R	69+41.61	63.08' LT.	756.81
S	69+45.03	58.08' LT.	756.87
Т	69+47.78	58.08' LT.	756.84
U	69+50.00	52.50' LT.	756.73
V	69+50.61	58.08' LT.	756.88
W	69+50.61	63.08' LT.	756.95
Х	69+55.61	58.08' LT.	756.95
Υ	69+55.61	63.08' LT.	757.01
Z	69+63.47	58.08' LT.	757.21
AA	69+63.47	63.08' LT.	757.28
BB	70+00.00	52.50 LT.	755.81
CC	70+00.00	58.08' LT.	756.27
DD	70+00.00	63.08' LT.	756.35

ENGINEERING RESOURCE ASSOCIATES

61 + 10.27

61+41.36 61+41.36

	USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	08/13/2021
G		DRAWN	-	RT	REVISED	-	10/08/2021
FS.	PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	12/02/2021
	PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	

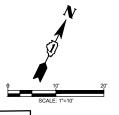
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

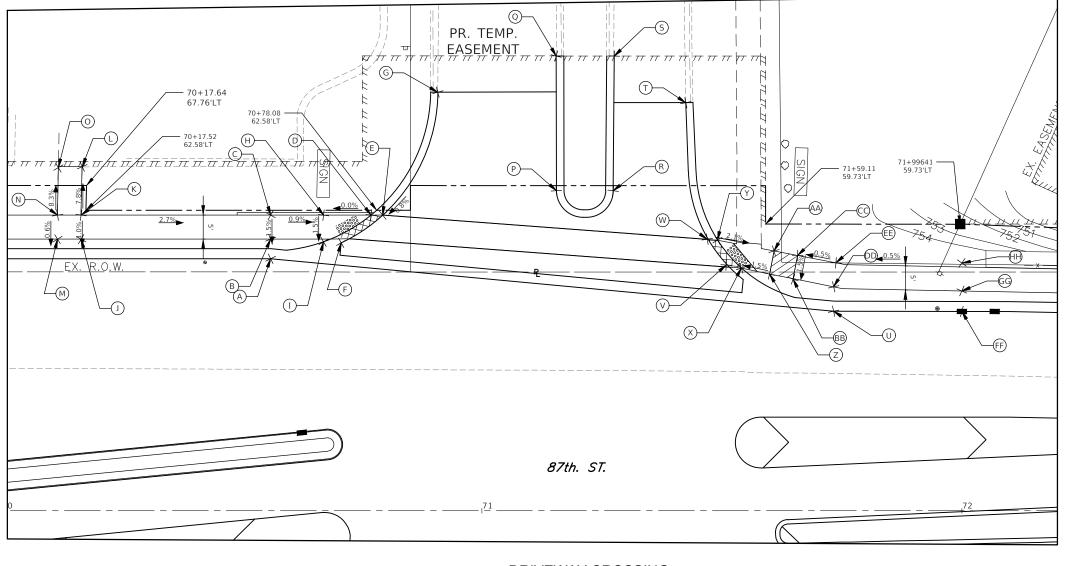
SCALE: I"=IO'

87th STREET CURB RAMP GRADING PLAN					
	SHEET NO. 6 OF 12 SHEETS	STA.	TO STA.		FED.

FILE NAME:D:\ERA Project

	STATION	OFFSET	ELEVATION
Α	70+55.98	52.50' LT.	754.84
В	70+56.08	54.58' LT.	754.80
С	70+55.98	61.58' LT.	754.91
D	70+76.91	61.58' LT.	754.91
Е	70+79.34	61.58' LT.	754.88
F	70+70.68	55.82' LT.	754.80
G	70+90.81	87.21' LT.	(755.12)
Н	70+67.00	61.58' LT.	754.84
I	70+67.00	56.02' LT.	754.75
J	70+16.50	54.58' LT.	755.92
K	70+16.50	61.58' LT.	755.99
L	70+16.73	71.69' LT.	(755.20)
М	70+11.58	54.58' LT.	756.01
N	70+11.58	61.58' LT.	756.05
0	70+11.77	71.69' LT.	(755.22)
Р	71+15.53	66.69' LT.	754.76
Q	71+15.48	94.74' LT.	(755.31)
R	71+27.35	66.66' LT.	754.73
S	71+27.57	94.73' LT.	(755.27)
Т	71+42.49	85.01' LT.	(755.21)
U	71+73.29	41.57' LT.	754.13
V	71+51.14	51.17' LT.	754.36
W	71+47.11	56.56' LT.	754.72
Х	71+54.03	50.56' LT.	754.33
Υ	71+49.07	56.38' LT.	754.75
Z	71+59.94	49.31' LT.	754.42
AA	71+60.86	54.13' LT.	754.49
ВВ	71+64.85	49.37' LT.	754.49
CC	71+65.77	53.19' LT.	754.56
DD	71+73.29	46.66' LT.	754.53
EE	71+73.76	51.66' LT.	754.60
FF	72+00.00	41.52' LT.	754.08
GG	72+00.00	46.60' LT.	754.67
НН	72+00.00	51.60' LT.	754.74





LEGEND

DRIVEWAY CROSSING AT PLANET FITNESS ENTRANCE



X PROPOSED SPOT GRADE

EXISTING LENGTH/ELEVATION

_____ PROPOSED SIDE CURB

▼X.XX%

PROPOSED SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

PROPOSED DEPRESSED CC&G

LEVEL LANDING AREA

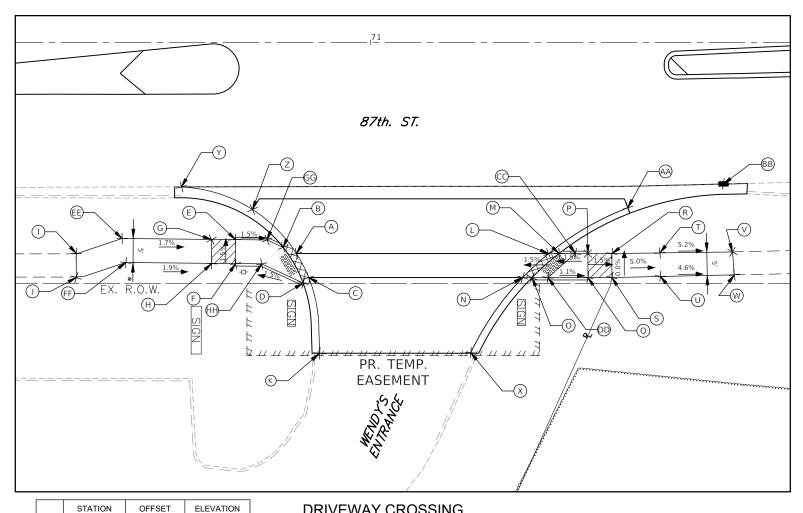
ENGINEERING RESOURCE ASSOCIATES

USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	08/13/2021
	DRAWN	-	RT	REVISED	-	10/08/2021
PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	12/02/2021
PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	

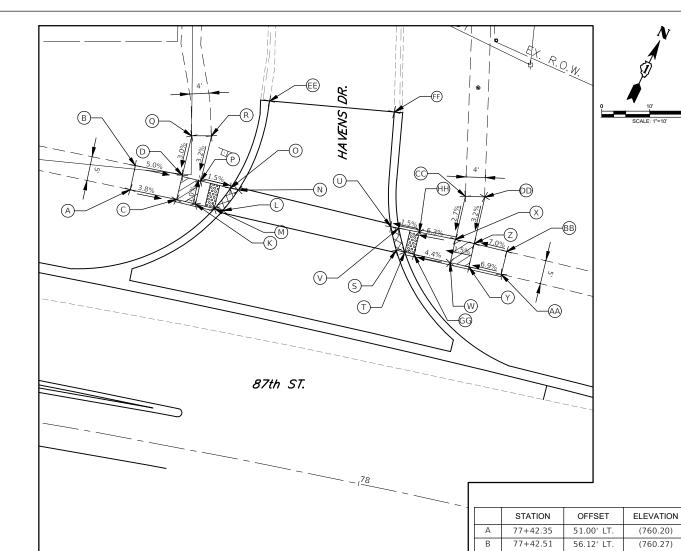
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

87th STREET						SECTION	N	COUNTY	TOTAL SHEETS	SHE
CURB RAMP GRADING PLAN				3580 I3-00253-0I-CH			DuPage	177	8	
								CONTRAC	T NO.	6IE
SCALE: I"=IO'	SHEET NO. 7 OF 12 SHEETS	STA.	TO STA.		FED. RO	OAD DIST. NO ILL	LINOIS FED. AI	D PROJECT		

AME:D:\ERA Projects\DuPage County\140901.00 87th archA-FINAL July 2021\140901 87th

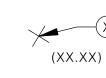






NORTH SIDE 87th STREET AND **HAVENS DRIVE**

LEGEND



(X) PROPOSED SPOT GRADE

EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

PROPOSED SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS



PROPOSED DEPRESSED CC&G



LEVEL LANDING AREA

SCALE: I"=IO'

		ı
County/140901.00 87th &	87th IntersectionGrading.dwg	
Sunt	87th	
s/DuPage	y 2021/140901	
Project	Į.	

70+84.55

70+87.11

70+85.96

70+71.89

70+66.89

70+66.89

70+38.70

70+38.70

70+87.81

71+39.28

71+31.68

71+33.66

71+45.28

71+45.28

71+50.28

71+50.28

71+60.28

71+60.36

71+75.40

71+20.86

70+60.61

70+76.82

71+52.88

71+42.70

71+36.95

70+48.23

70+49.01

43.99' RT.

42.70' RT.

48.99' RT.

50.14' RT.

41.09' RT.

41.09' RT.

46.04' RT.

44.06' RT.

48.87' RT.

43.99' RT.

48.99' RT.

48.99' RT.

43.99' RT.

43.99' RT.

48.99' RT.

43.86' RT.

48.71' RT.

43.65' RT.

48.43' RT.

64.64' RT.

30.09' RT.

34.51' RT.

48.99' RT

40 86' RT

45.87' RT.

755.69

755.52

755.78

755.67

755.74

755.81

(756.23)

(756.35)

(756.78)

755.95

755.92

756.17

756.14

756.01

756.01

755.94

755.94

755.49

755.48

(754.71)

(754.77)

(756.85)

(755.16)

755.03

755.39

(754.11)

755.97 756.10

756.06

756.13

-		70+76.43		TUSER NAME	= Richard Tanner		DESIGNED	-	PK	REVISED	-	08/13/2021
3	EN	GINEERI	NĞ	14' RT.	755.64		DRAWN	-	RT	REVISED	-	10/08/2021
₹,	RESOURCE ASSOCIATES					CHECKED	-	BD	REVISED	-	12/02/2021	
_	, ILLO	, , , , , , , , , , , , , , , , , , ,			= 12/1/2021		DATE	-	04/25/19	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

87th STREET	F.A.U. RTE.	SEC ⁻		COUNTY	TOTAL SHEETS	SHE		
CURB RAMP GRADING PLAN			3580 I3-00253-0I-CH DuPa				177	82
						CONTRAC	Γ ΝΟ.	6IE8
HEET NO. 8 OF 12 SHEETS STA.	TO STA.	FED. R	OAD DIST. NO	ILLINOIS	FED. A	D PROJECT		

(760.20)

(760.27)

759.82

759.77

759.75

759.72

759.69

759.64

759.61

759.70

(760.10)

(760.01)

759.86

759.83

759.75

759.72

760.19

760.26

760.26

(760.74)

(760.82)

(760.51)

(760.65)

759.86

759.78

77+51.96

77+52.24

77+55.91

77+61.61

77+59.85

77+63.93

77+62.29

77+56.11

77+52.67

77+56.56

77+99.54

77+95.73

77+97.40

78+09.03

78+09.09

78 + 12.93

78+19.69

78+19.78

78+09.22

78+13.10

77+91.73

78+01.05

78+01.63

55.91' LT.

50.23' LT.

50.30' LT.

55.03' LT.

55.11' LT.

55.43' LT.

64.33' LT.

65.08' LT.

49.12' LT.

53.72' LT.

53.67' LT.

48.96' LT.

53.93' LT.

48.91' LT.

53.88' LT.

48.84' LT.

53.74' LT.

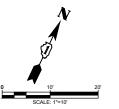
63.14' LT.

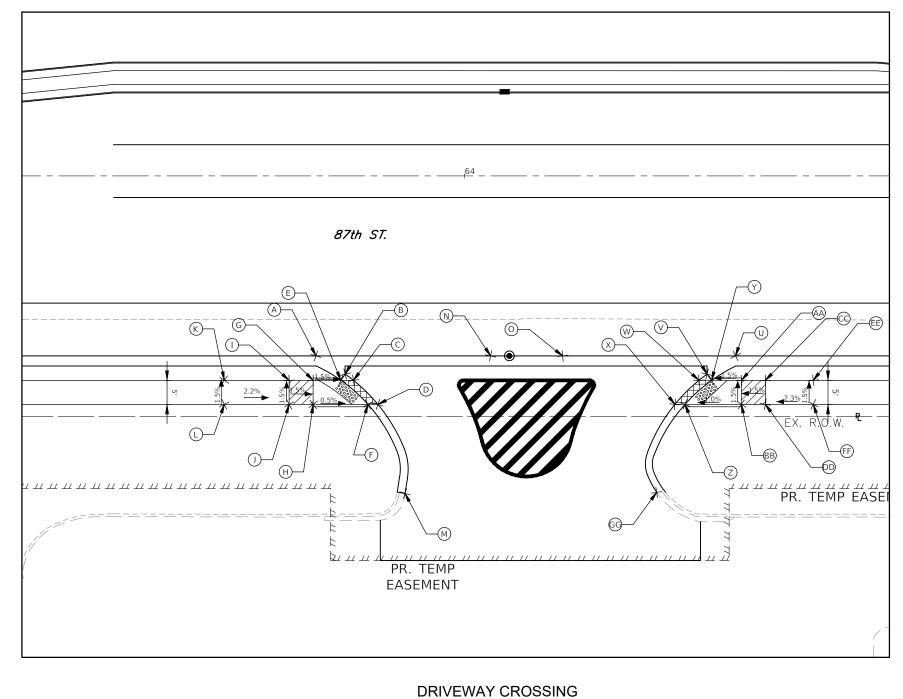
63.85' LT.

49.08' LT.

53.08' LT.

	STATION	OFFSET	ELEVATION
Α	63+69.08	37.50' RT.	753.72
В	63+75.18	41.29' RT.	753.85
С	63+76.90	42.58' RT.	753.95
D	63+81.99	47.58' RT.	754.04
Е	63+74.27	42.58' RT.	753.92
F	63+79.90	47.58' RT.	754.01
G	63+68.51	42.58' RT.	754.00
Н	63+68.51	47.58' RT.	754.07
I	63+63.51	42.58' RT.	754.07
J	63+68.51	47.58' RT.	754.14
K	63+50.00	42.58' RT.	754.37
L	63+50.00	47.58' RT.	754.44
М	63+87.64	66.14' RT.	(756.50)
N	64+05.45	37.50' RT.	753.87
0	64+33.00	37.50' RT.	754.00
Р	64+05.45	47.58' RT.	754.14
Q	64+20.48	47.58' RT.	754.27
R	64+03.88	55.25' RT.	755.92
S	64+22.08	55.22' RT.	755.75
Т	64+12.99	62.02' RT.	756.41
U	64+56.51	37.50' RT.	754.29
V	64+50.56	41.28' RT.	754.31
W	64+48.86	42.58' RT.	754.41
Х	64+43.86	47.58' RT.	754.45
Υ	64+51.50	42.58' RT.	754.38
Z	64+45.94	47.58' RT.	754.42
AA	64+57.70	42.58' RT.	754.47
ВВ	64+57.70	47.58' RT.	754.54
CC	64+62.70	42.58' RT.	754.54
DD	64+62.70	47.58' RT.	754.61
EE	64+72.70	42.58' RT.	754.77
FF	64+72.70	47.58' RT.	754.84
GG	64+40.07	65.92' RT.	(756.49)





AT SHELL GAS STATION ENTRANCE

LEGEND

(X) PROPOSED SPOT GRADE

EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

X.XX% PROPOSED SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

PROPOSED DEPRESSED CC&G

LEVEL LANDING AREA

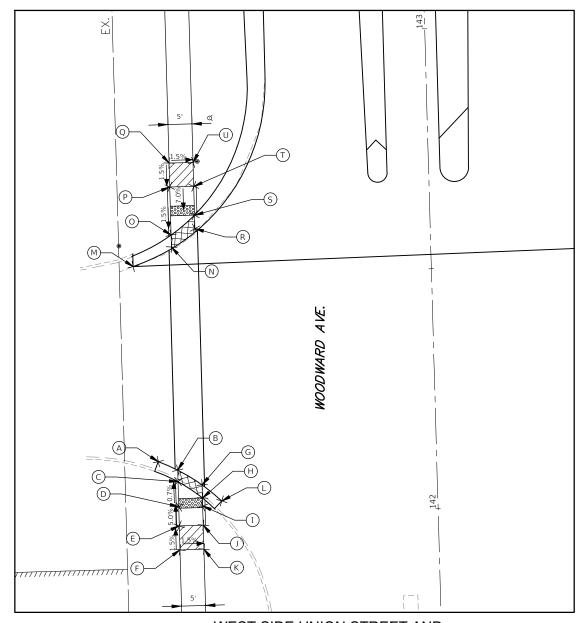
	ι
ENGINEERING RESOURCE ASSOCIATES	
RESOURCE ASSOCIATES	F
MEGGGMGE AGGGGMTES	F

	USER NAME = Richard Tanner	DESIGNED -	PK	REVISED	-	08/13/2021
;		DRAWN -	RT	REVISED	-	10/08/2021
\$	PLOT SCALE = \$SCALE\$	CHECKED -	BD	REVISED	-	12/02/2021
	PLOT DATE = 12/1/2021	DATE -	04/25/19	REVISED	-	

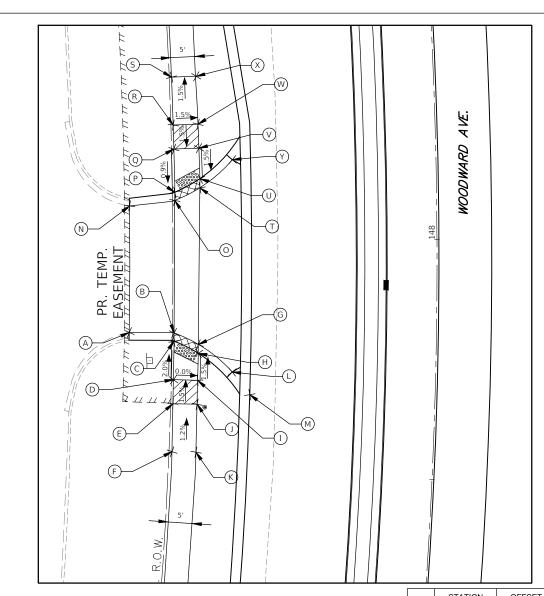
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: I"=IO'

87th STREET			F.A.U. RTE.	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
CURB RAMP GRADING PLAN		3580	13-00253-0I-CH			DuPage	177	83	
							CONTRAC	T NO.	6IE87
SHEET NO. 9 OF 12 SHEETS	STA. TO	ŝTA.	FED. R	OAD DIST. NO	ILLIN0IS	FED. AI	D PROJECT		



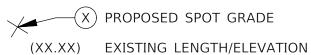




DRIVEWAY CROSSING AT SHELL GAS STATION

	STATION	OFFSET	ELEVATION
Α	147+79.65	64.00' LT.	(759.18)
В	147+79.66	54.67' LT.	759.20
С	147+7788	54.65' LT.	759.20
D	147+69.42	54.61' LT.	759.36
Е	147+64.13	54.56' LT.	759.43
F	147+50.00	54.29' LT.	759.67
G	147+77.26	49.57' LT.	759.28
Н	147+75.32	49.56' LT.	759.28
I	147+69.43	49.50' LT.	759.36
J	147+64.17	49.52' LT.	759.43
K	147+50.00	49.33' LT.	759.60
L	147+71.42	42.42' LT.	758.67
М	147+66.60	38.61' LT.	758.61
N	148+07.83	64.00' LT.	(759.33)
0	148+08.92	54.56' LT.	758.95
Р	148+10.72	54.53' LT.	758.95
Q	148+20.24	54.54' LT.	759.03
R	148+25.53	54.54' LT.	759.06
S	148+36.11	54.54' LT.	758.91
Т	148+11.62	49.27' LT.	758.86
U	148+13.62	49.23' LT.	758.86
V	148+20.30	49.32' LT.	758.96
W	148+25.56	49.36' LT.	758.99
Χ	148+36.08	49.55' LT.	758.84
Υ	148+17.61	42.48' LT.	758.44

LEGEND



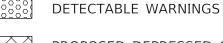
X.XX%

(X) PROPOSED SPOT GRADE

PROPOSED SIDE CURB

PROPOSED SLOPE

PROPOSED SIDEWALK



PROPOSED DEPRESSED CC&G

SCALE: I"=IO'



LEVEL LANDING AREA

I	142+01.61	49.00' LT.	751.68
J	141+97.93	49.00' LT.	751.86
K	141+92.93	49.00' LT.	751.93
L	142+02.86	45.00' LT.	(751.93)
М	142+52.20	62.09' LT.	(752.29)
N	142+56.05	54.00' LT.	752.47
0	142+58.53	54.00' LT.	752.44
Р	142+64.55	54.00' LT.	752.53
Q	142+68.55	54.00' LT.	752.73
R	142+73.55	54.00' LT.	752.80
S	142+59.74	49.00' LT.	752.60
Т	142+62.55	49.00' LT.	752.57
U	142+64.55	49.00' LT.	752.53

V 142+68.55 49.00' LT.

W 142+73.55 49.00' LT.

58.00' LT.

54.00' LT.

54.00' LT. 54.00' LT.

54.00' LT.

STATION

142+11.42

142+09.54 142+07.12

142+01.93

141+97.93 141+92.93

ELEVATION

(751.92)

751.79 751.75

751.93

752.00 751.68

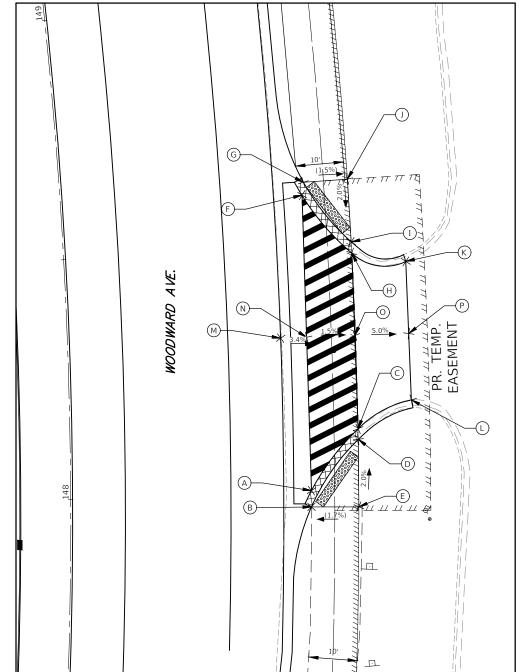
752.66

	USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	09-17-2019
NG		DRAWN	-	RT	REVISED	-	08/13/2021
TES	PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	10/08/2021
	PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	12/02/2021

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	Ν

WOODWARD AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CURB RAMP GRADING PLAN	3580 13-00253-01-CH DuPage 17			177	84
			CONTRAC	T NO.	6IE87
ET NO. 10 OF 12 SHEETS STA. TO STA.	FED. R	DAD DIST. NO ILLINOIS FED.	AID PROJECT		

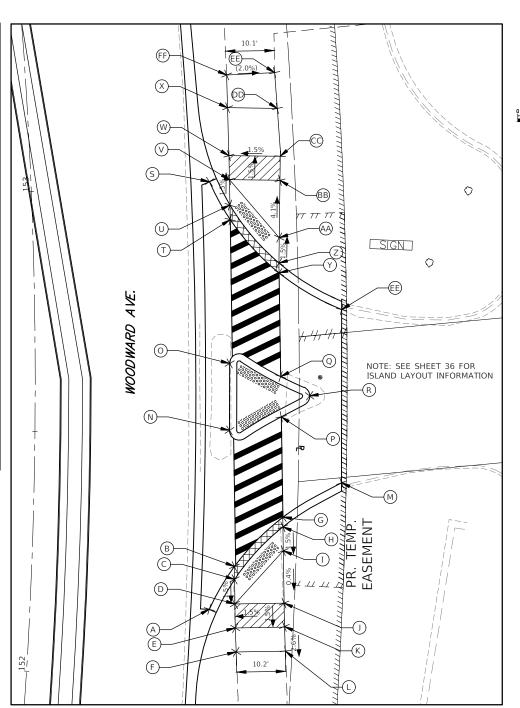
RENGINEERIN RESOURCE ASSOCIAT



DRIVEWAY CROSSING AT BP GAS STATION

	STATION	OFFSET	ELEVATION
Α	152+14.60	37.34' RT.	755.24
В	152+23.39	42.20' RT.	755.16
С	152+20.80	42.33' RT.	755.13
D	152+15.90	42.61' RT.	755.05
Е	152+11.11	42.90' RT.	754.98
F	152+06.34	43.36' RT.	(755.00)
G	152+33.48	51.97' RT.	755.04
Н	152+31.59	52.03' RT.	755.01
I	152+26.84	52.26' RT.	754.94
J	152+16.49	52.83' RT.	755.12
K	152+11.75	53.15' RT.	755.05
L	152+07.02	53.59' RT.	(754.92)
М	152+40.52	64.02' RT.	(754.93)
N	152+50.56	40.51' RT.	754.40
0	152+63.96	40.51' RT.	754.80
Р	152+53.36	51.28' RT.	754.62
Q	152+61.33	51.13' RT.	754.54
R	152+57.52	57.17' RT.	754.75
S	153+00.52	37.15' RT.	752.83
Т	152+92.75	41.18' RT.	753.17
U	152+95.67	41.24' RT.	753.14
V	153+00.75	41.32' RT.	753.07
W	153+05.55	41.43' RT.	753.00
Х	153+15.15	41.67' RT.	752.30
Υ	152+81.87	51.05' RT.	753.73
Z	152+83.85	51.07' RT.	753.70
AA	152+88.87	51.28' RT.	753.63
BB	153+00.22	51.83' RT.	753.14
CC	153+04.97	52.10' RT.	753.07
DD	153+14.47	51.99' RT.	752.37
EE	153+21.58	51.87' RT.	(751.14)
FF	153+21.69	41.87' RT.	(751.35)

	STATION	OFFSET	ELEVATION
Α	148+01.53	50.11' RT.	761.07
В	147+98.33	50.13' RT.	(761.07)
С	148+13.66	60.00' RT.	760.95
D	148+11.59	60.00' RT.	760.95
Е	147+98.32	60.00' RT.	(761.24)
F	148+59.99	50.43' RT.	760.52
G	148+62.74	50.80' RT.	(760.52)
Н	148+48.20	60.00' RT.	760.11
I	148+50.39	60.00' RT.	760.11
J	148+62.74	60.00' RT.	(760.37)
K	148+46.08	71.15' RT.	(759.45)
L	148+19.09	71.24' RT.	(759.92)
М	148+32.00	44.40' RT.	760.40
N	148+32.00	49.82' RT.	760.32
0	148+32.00	59.87' RT.	760.17
Р	148+32.00	71.10' RT.	(759.61)



DRIVEWAY CROSSING AT CVS PHARMACY

LEGEND



(X) PROPOSED SPOT GRADE

EXISTING LENGTH/ELEVATION



PROPOSED SIDEWALK



DETECTABLE WARNINGS



X.XX%

PROPOSED SIDE CURB

PROPOSED SLOPE



PROPOSED DEPRESSED CC&G



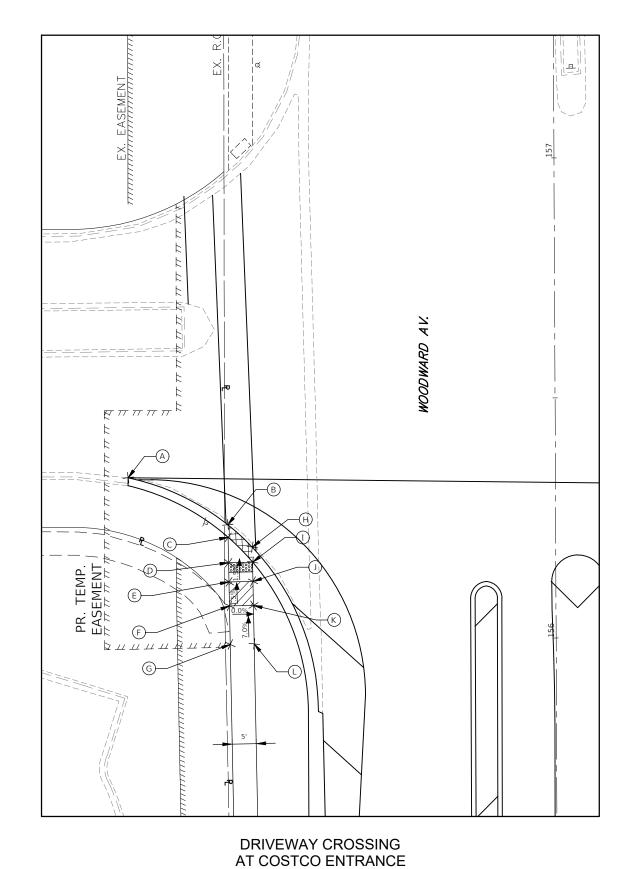
LEVEL LANDING AREA

Ž		
vard/A-	ENGINEERING RESOURCE ASSOCIATES	
oodv	RESOURCE ASSOCIATES	

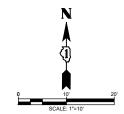
	USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	12/02/2021
ì		DRAWN	-	RT	REVISED	-	08/13/2021
:	PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	10/08/2021
	PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	11/03/2021

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

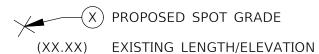
WOODWARD AVENUE CURB RAMP GRADING PLAN						F.A.U RTE. 3580
	SCALE: I"=IO'	SHEET NO. II OF 12 SHEETS	STA.	TO STA.		FED.



STATION OFFSET **ELEVATION** 156+33.78 88.98' LT. (745.70) 156+23.89 68.26' LT. 156+21.26 745.90 745.97 156+15.97 68.13' LT. 746.06 156+11.97 68.07' LT. 156+06.97 67.99' LT. 746.13 156+00.00 67.87' LT. 746.60 156+19.21 746.00 745.97 746.06 156+12.05 63.07' LT. 156+07.05 62.99' LT. 746.13 156+00.00 62.87' LT. 746.53



LEGEND



(X) PROPOSED SPOT GRADE

PROPOSED SIDE CURB



PROPOSED SIDEWALK

DETECTABLE WARNINGS

X.XX% PROPOSED SLOPE

PROPOSED DEPRESSED CC&G



LEVEL LANDING AREA

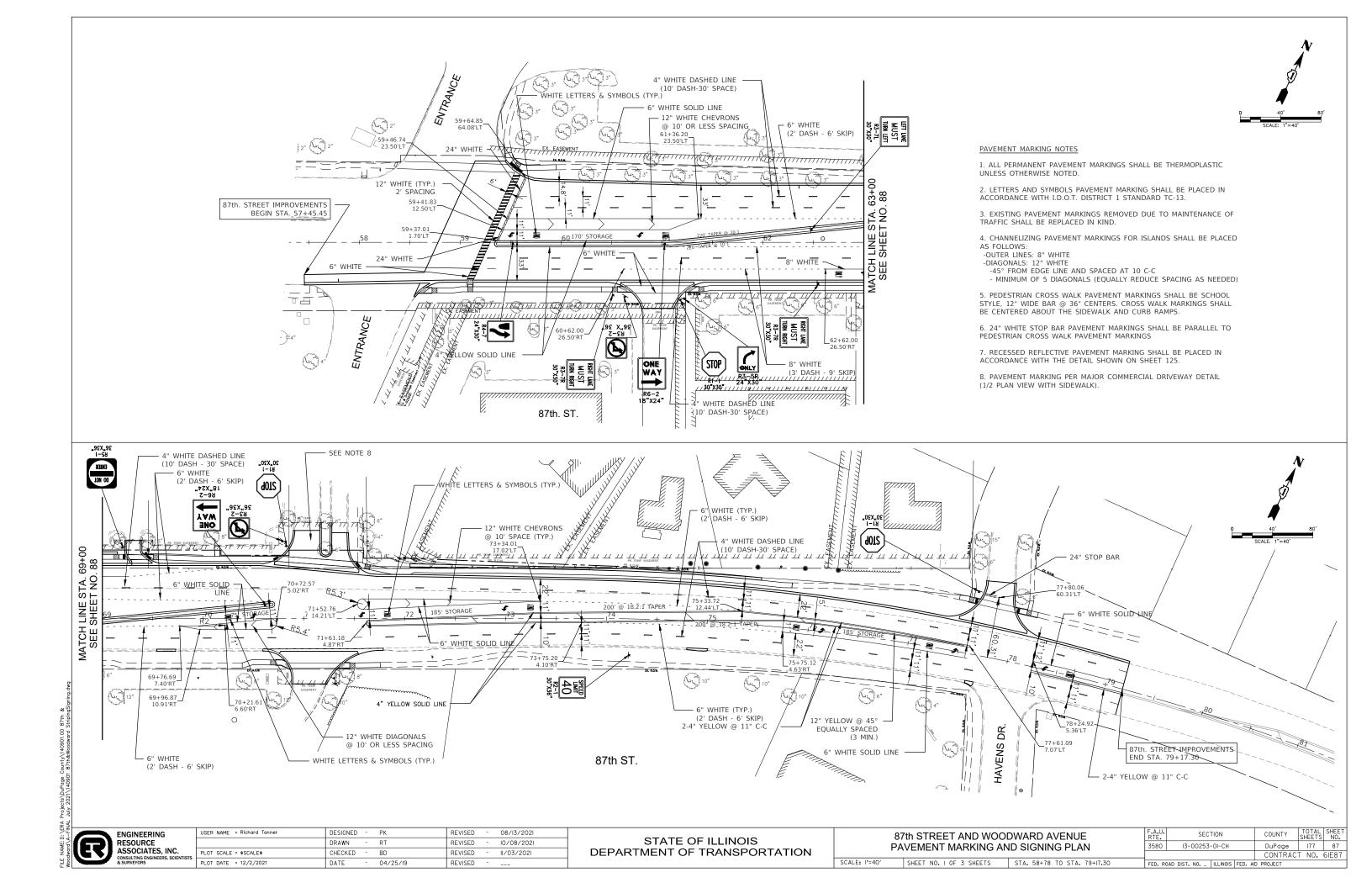


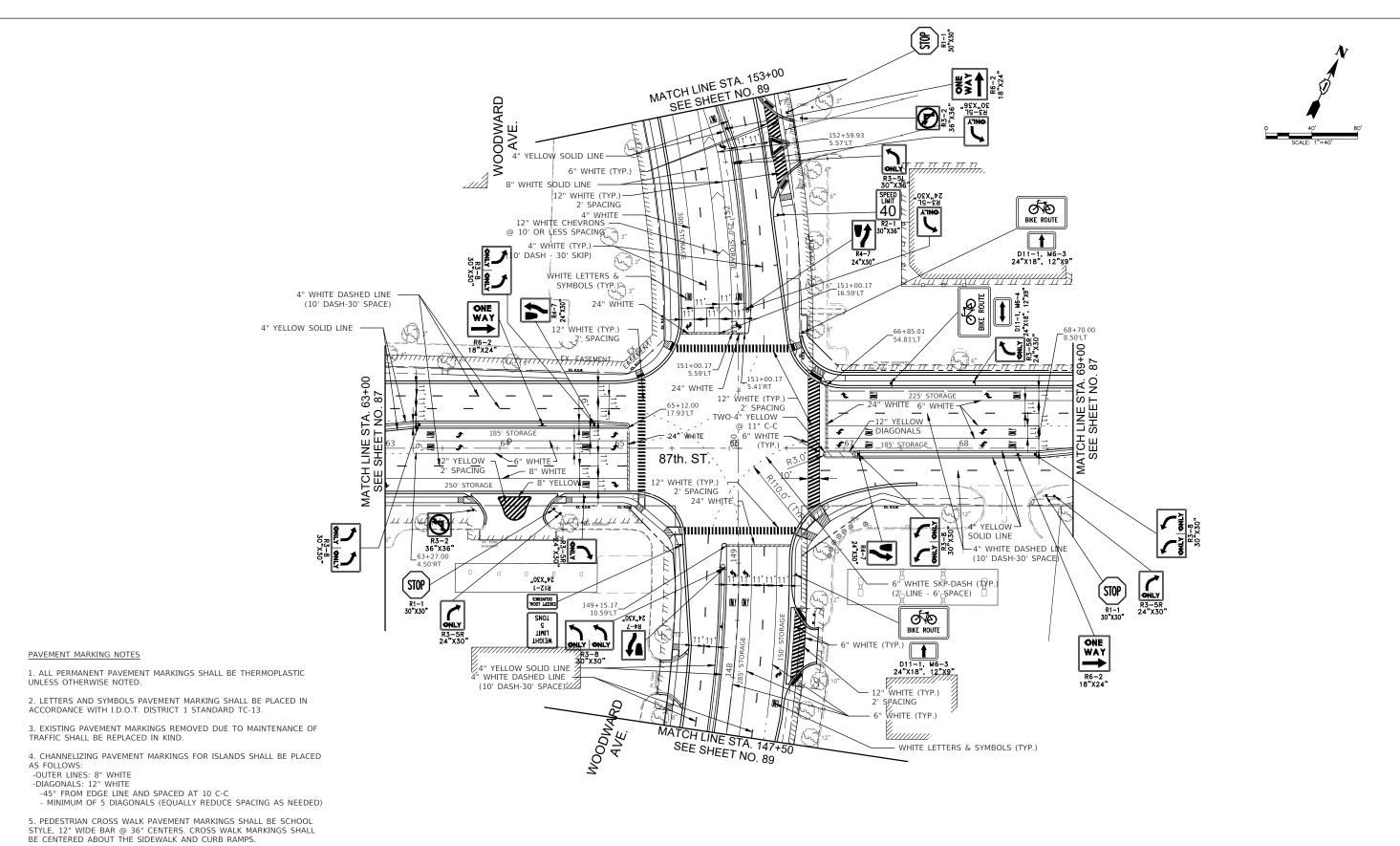
	USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	08/13/2021
;		DRAWN	-	RT	REVISED	-	10/08/2021
3	PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	12/02/2021
	PLOT DATE = 12/1/2021	DATE	-	04/25/19	REVISED	-	

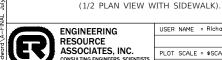
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	WOODWARD A CURB RAMP GRAI	
SCALE: I"=IO'	SHEET NO. 12 OF 12 SHEETS	STA. TO STA

DuPage 177 86
CONTRACT NO. 6IE87 3580 I3-00253-0I-CH FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT







USER NAME = Richard Tanner 09-19-2019 DESIGNED - PK REVISED DRAWN REVISED 08/13/2021 CHECKED REVISED 10/08/2021 PLOT SCALE = \$SCALE\$ PLOT DATE = 12/2/202 DATE 04/25/18 REVISED 11/03/2021

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TOTAL SHEET NO. COUNTY 87th STREET AND WOODWARD AVENUE DuPage 177 88 CONTRACT NO. 6IE87 PAVEMENT MARKING AND SIGNING PLAN 3580 SHEET NO. 2 OF 3 SHEETS STA. 58+78 TO STA. 79+17.30

6. 24" WHITE STOP BAR PAVEMENT MARKINGS SHALL BE PARALLEL TO

7. RECESSED REFLECTIVE PAVEMENT MARKING SHALL BE PLACED IN

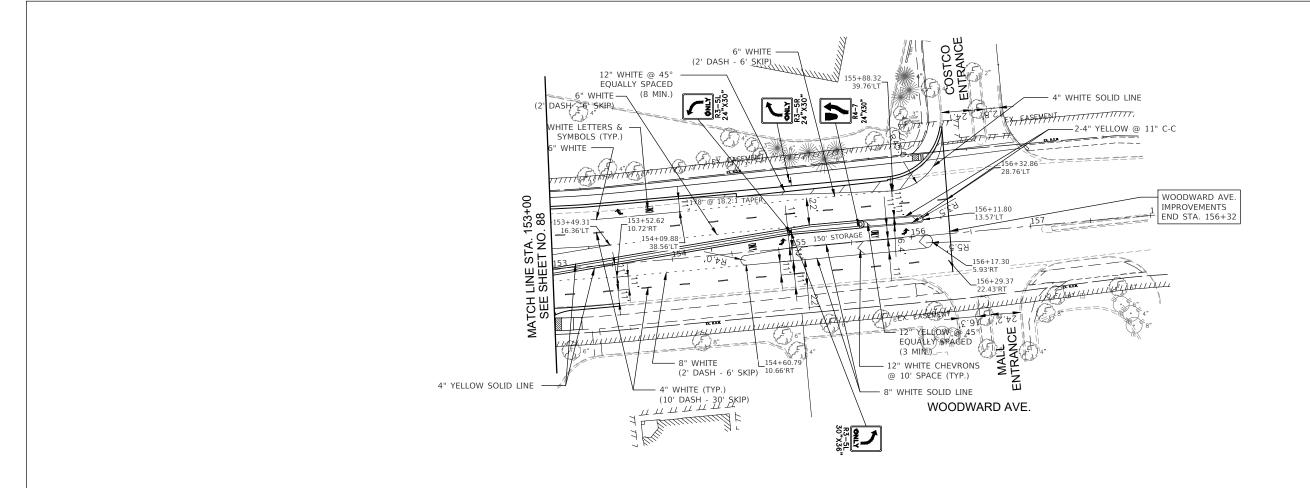
8. PAVEMENT MARKING PER MAJOR COMMERCIAL DRIVEWAY DETAIL

PEDESTRIAN CROSS WALK PAVEMENT MARKINGS

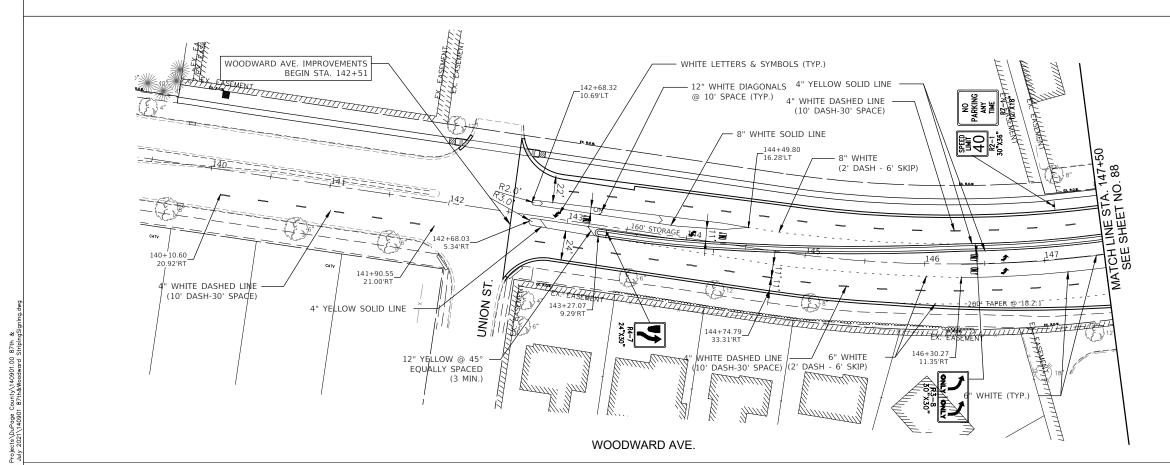
ACCORDANCE WITH THE DETAIL SHOWN ON SHEET 125.

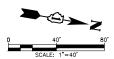
SCALE: I"=40'

FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT









PAVEMENT MARKING NOTES

- 1. ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- 2. LETTERS AND SYMBOLS PAVEMENT MARKING SHALL BE PLACED IN ACCORDANCE WITH I.D.O.T. DISTRICT 1 STANDARD TC-13.
- 3. EXISTING PAVEMENT MARKINGS REMOVED DUE TO MAINTENANCE OF TRAFFIC SHALL BE REPLACED IN KIND.
- 4. CHANNELIZING PAVEMENT MARKINGS FOR ISLANDS SHALL BE PLACED AS FOLLOWS:
 -OUTER LINES: 8" WHITE
- -45° FROM EDGE LINE AND SPACED AT 10 C-C
 MINIMUM OF 5 DIAGONALS (EQUALLY REDUCE SPACING AS NEEDED)
- 5. PEDESTRIAN CROSS WALK PAVEMENT MARKINGS SHALL BE SCHOOL STYLE, 12" WIDE BAR @ 36" CENTERS. CROSS WALK MARKINGS SHALL BE CENTERED ABOUT THE SIDEWALK AND CURB RAMPS.
- 6. 24" WHITE STOP BAR PAVEMENT MARKINGS SHALL BE PARALLEL TO PEDESTRIAN CROSS WALK PAVEMENT MARKINGS
- 7. RECESSED REFLECTIVE PAVEMENT MARKING SHALL BE PLACED IN ACCORDANCE WITH THE DETAIL SHOWN ON SHEET 125.
- 8. PAVEMENT MARKING PER MAJOR COMMERCIAL DRIVEWAY DETAIL (1/2 PLAN VIEW WITH SIDEWALK).



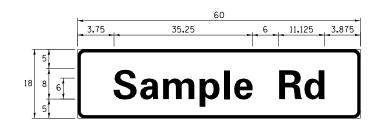
USER NAME = Richard Tanner	DESIGNED	-	PK	REVISED	-	08/13/2021
	DRAWN	-	RT	REVISED	-	10/08/2021
PLOT SCALE = \$SCALE\$	CHECKED	-	BD	REVISED	-	11/03/2021
PLOT DATE = 12/2/2021	DATE	-	04/25/19	REVISED	-	

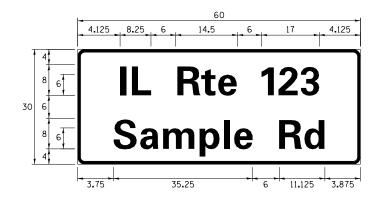
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

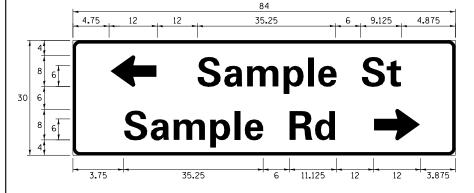
87th STREET AND WOODWARD AVENUE PAVEMENT MARKING AND SIGNING PLAN SHEET NO. 3 OF 3 SHEETS STA. 142+51 TO STA. 156+32

TOTAL SHEET SHEETS NO. COUNTY DuPage 177 89 CONTRACT NO. 6IE87 3580 FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT

SIGN PANEL - TYPE 1 OR TYPE 2







DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D OR C	-	1 OR 2	ZZ	-

ALL DIMENSIONS ARE IN INCHES EXCEPT NOTED OTHERWISE

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVATION	WIDTH	(INCH)
INAME	ADDITEVALION	SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	C+	8. 250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8. 250
LANE	LANE Ln 9.125		10.750
PARKWAY	Pkwy	23. 375	27. 375
PLACE	PI	7.125	7. 750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	S†	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7. 750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

- 1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" × 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- 2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- 3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-O". ALL BORDERS SHALL BE ¾" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- 4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-O" IN WIDTH, IF SERIES "D" DOES NOT FIT ON A 8"-O" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-O" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- 5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- 6. SIGNFLY ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC MIDLOTHIAN, VA

- WESTERN REMAC, INC. WOODRIDGE, IL

PARTS LISTING:

SIGN CHANNEL PART **HPN053 (MED. CHANNEL)
SIGN SCREWS 1/4" × 14 × 1" H.W.H. **3

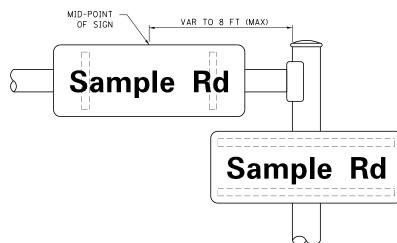
SELF TARPING WITH NEOPRENE WASHER
BRACKETS PART **HPN034 (UNIVERSAL)

PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

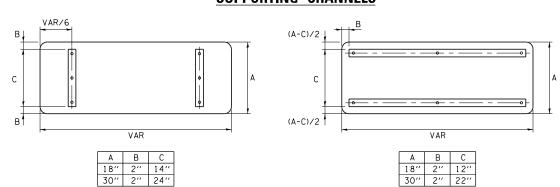
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION





SUPPORTING CHANNELS



STANDARD ALPHABETS SPACING CHART

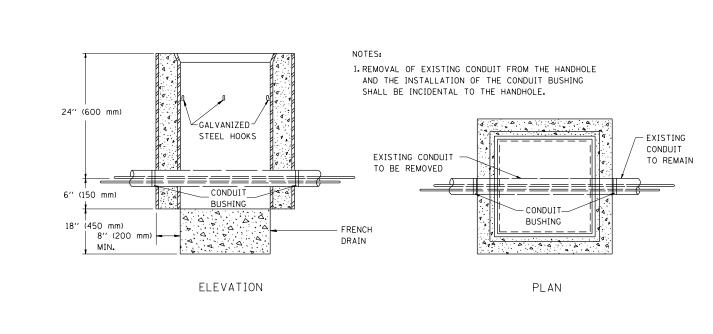
(8") UPPER CASE AND (6") LOWER CASE

	FHWA SEF	RIES "C"		FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
А	0.240	5.122	0.240	Α	0.240	6.804	0.240
В	0.880	4.482	0.480	В	0.960	5.446	0.400
С	0.720	4.482	0.720	С	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720 0.880	4.482	0.720	G	0.800	5.446 5.446	0.800
H I	0.880	4.482 1.120	0.880	H I	0.960	1.280	0.960
J	0. 240	4.082	0.880	J	0. 240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5. 604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5. 284	0.880	M	0.960	6. 244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
0	0.720	4.722	0.720	0	0.800	5.684	0.800
Р	0.880	4.482	0.720	Р	0.960	5.446	0.240
Q	0.720	4.722	0.720	0	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	Т	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7. 124	0.240
X Y	0.240 0.240	4. 722	0.240	X Y	0.400	5.446	0.400
Z	0. 480	5. 122 4. 482	0. 480	Z	0.240	6.884 5.446	0.240
Z	0. 480	3.842	0.480	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
C	0. 480	4.002	0.240	c	0.480	4. 722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
е	0.480	4.082	0.320	е	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
I	0.720	1.120	0.720	I	0.800	1.280	0.800
m	0.720	6. 724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
0	0.480	4.082	0.480	0	0.480	4.882 4.802	0.480
P	0.720 0.480	4.082	0.480 0.720	Р	0.800	4.802	0.480
q r	0.480	2.642	0. 160	q r	0.480	3.042	0.800
s	0. 720	3. 362	0. 240	s	0.320	3. 762	0.160
†	0.080	2.882	0.080	†	0.080	3. 202	0.080
u	0.640	4.082	0.720	u	0.720	4. 722	0.800
V	0.160	4.722	0.160	V	0.160	5.684	0.160
W	0.160	7.524	0.160	w	0.160	9.046	0.160
×	0.000	5.202	0.000	×	0.000	6.244	0.000
У	0.160	4.962	0.160	У	0.160	6.004	0.160
Z	0.240	3.362	0.240	Z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5 6	0.480	4.482	0.480	5 6	0.800	5.446	0.800
7	0.720 0.240	4.482 4.482	0.720 0.720	7	0.800 0.560	5.446 5.446	0.800
8	0. 240	4.482	0. 720	8	0.800	5.446	0.800
9	0.480	4. 482	0.480	9	0.800	5.446	0.800
0	0.720	4. 722	0.720	0	0.800	5. 684	0.800
-	0. 240	2.802	0. 240	-	0.240	2.802	0.240

USER NAME = drivakosgn FILE NAME = DESIGNED -LP/IP REVISED -LP 07/01/2015 w:\\ILØ84EBIDINTEG.:111 ents\IDOT Offices\District 1\Projects\Dis GRAWM\CADData\CADRheets\ts02.dgn REVISED PLOT SCALE = 50.0000 '/ in-CHECKED -REVISED PLOT DATE = 7/31/2015 10/01/2014 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
MAST ARM MOUNTED STREET NAME SIGNS	3580	13-00253-01-CH	DuPAGE	177	90
INIAST AUM MOONTED STREET MAINE SIGNS		TS-02	CONTRACT	NO. 6	1E87
SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. AI	D PROJECT		



DETAIL
HANDHOLE TO INTERCEPT EXISTING CONDUIT

FILE NAME =	USER NAME = drivakosgn	DESIGNED -	REVISED - 10-01-00
pw:\\IL084EBIDINTEG.:ll:nois.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\Dist	t @R‰wm ∖CADD o to\CADsheets\ts03.dgn	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 11/17/2015	DATE -	REVISED -

STATE	OF	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

HANDHOLE TO INTERCEPT EXISTING CONDUIT					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
						3580	13-00253-01-CH	DuPAGE	175	91		
								TS-03	CONTRACT	NO. 6	1E87	
	SCALE:	N.T.S	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		

TRAFFIC SIGNAL LEGEND

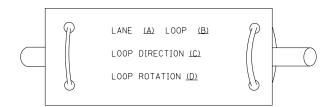
(NOT TO SCALE)

				(NOT TO SCALE)				
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
ONTROLLER CABINET	\boxtimes		HANDHOLE -SQUARE			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	R R	R R Y
OMMUNICATION CABINET	ECC	СС	-ROUND HEAVY DUTY HANDHOLE				<u>a</u> a	R
MASTER CONTROLLER	EMC	MC	-SQUARE -ROUND	H ®	⊞ ⊕			4 G 4 G P
MASTER MASTER CONTROLLER	ЕММС	ммс	DOUBLE HANDHOLE			SIGNAL USAB WITH BYOUR AT		·
UNINTERRUPTABLE POWER SUPPLY	4	9	JUNCTION BOX		•	SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		R R Y
SERVICE INSTALLATION	-D-P	- - -P	RAILROAD CANTILEVER MAST ARM	X OZ X	X eX X	IND NETWORK ELECTIVE BACK EATE		G G G 4Y 4Y 4G 4G
-(P) POLE MOUNTED SERVICE INSTALLATION		_	RAILROAD FLASHING SIGNAL	∑o ∑	X+X		P RB	P RB
-(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	$\boxtimes^{G} \boxtimes^{GM}$	⊠ ^G ⊠ ^{GM}	RAILROAD CROSSING GATE	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	X• X	PEDESTRIAN SIGNAL HEAD		•
ELEPHONE CONNECTION	ET	T	RAILROAD CROSSBUCK	♉	*	AT RAILROAD INTERSECTIONS	()	Ā
STEEL MAST ARM ASSEMBLY AND POLE	O	•	RAILROAD CONTROLLER CABINET		≯ ∢	PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	© C (A) D	<u>₩</u> C ⊼ D
LUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		 -			
TEEL COMBINATION MAST ARM SSEMBLY AND POLE WITH LUMINAIRE	o-¤—	•*	TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SIGNAL POST (BM) BARREL MOUNTED - TEMPORARY	0	 ● BM 	SYSTEM ITEM	S	SP	NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE.		
VOOD POLE	⊗	•	INTERSECTION ITEM	I	IP	ALL DETECTOR LOOP CABLE TO BE SHIELDED		_
SUY WIRE	>-	→	REMOVE ITEM		R	GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	(1*6)
IGNAL HEAD	>	- >	RELOCATE ITEM ABANDON ITEM		RL A	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
IGNAL HEAD WITH BACKPLATE	+->	+-	CONTROLLER CABINET AND		RCF	COAXIAL CABLE		<u> </u>
IGNAL HEAD OPTICALLY PROGRAMMED	-⊳ P P	→ P + P	FOUNDATION TO BE REMOVED		NCF			_
LASHER INSTALLATION (FS) SOLAR POWERED	of of FS	•► FS	MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF	VENDOR CABLE		
C. SOLAN I GILLED	□←FS □←FS	FF FS	SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF	COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
EDESTRIAN SIGNAL HEAD	-0	-1	DETECTOR LOOP, TYPE I			FIBER OPTIC CABLE -NO. 62.5/125, MM12F		—(12F)—
EDESTRIAN PUSH BUTTON (APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			PREFORMED DETECTOR LOOP	$\begin{bmatrix} \overline{P} \end{bmatrix}$ (\widehat{P})	РР	-NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
ADAR DETECTION SENSOR	R 1	R	SAMPLING (SYSTEM) DETECTOR	$\begin{bmatrix} \overline{s} \end{bmatrix}$ (\widehat{s})	s s		—	—(36F)—
IDEO DETECTION CAMERA	(V)	v •	INTERSECTION AND SAMPLING (SYSTEM) DETECTOR		IS (IS)			
ADAR/VIDEO DETECTION ZONE		=	QUEUE AND SAMPLING	[<u>os</u>] (<u>os</u>)	os os	GROUND ROD -(C) CONTROLLER	C M P S	<u></u> _C _M _P _S _S
AN, TILT, ZOOM (PTZ) CAMERA	PTZ]	PTZ 4	(SYSTEM) DETECTOR			-(M) MAST ARM -(P) POST -(S) SERVICE		· ·
MERGENCY VEHICLE LIGHT DETECTOR	\simeq	~	WIRELESS DETECTOR SENSOR WIRELESS ACCESS POINT		<u>®</u>	-KS/ SERVICE		
ONFIMATION BEACON	o-J	H	WIRELESS ACCESS PUINT		_			
IRELESS INTERCONNECT	<u>∘</u>	•+ + 						
VIRELESS INTERCONNECT RADIO REPEATER	ERR	RR						
NAME = USER NAME = leyso	DESIGNED -		<u> </u>			DISTRICT ONE	F.A. SECTION	JHEE1.
PLOT SCALE = 50.0000 '		IP REVISED -		TE OF ILLINOIS T OF TRANSPORTATION	ST	ANDARD TRAFFIC SIGNAL DESIGN DETAILS	3580 13-00253- TS-05	01-CH DuPAGE 177 CONTRACT NO.
oult PLOT DATE = 9/29/2016	6 DATE -	9/29/2016 REVISED -	-		SCALE: N.T.S.	SHEET 1 OF 7 SHEETS STA. TO STA.	IL	LINOIS FED. AID PROJECT

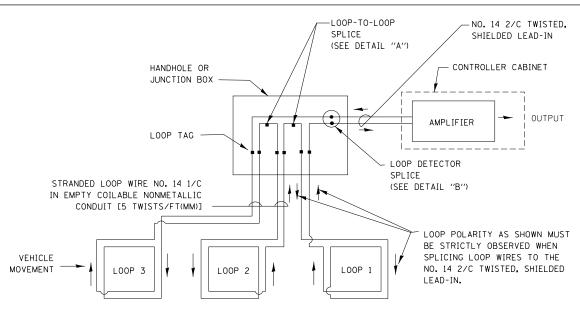
LOOP DETECTOR NOTES

- 1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE, SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- 2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- 3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- 4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- 6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- 7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

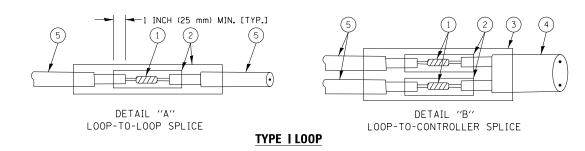


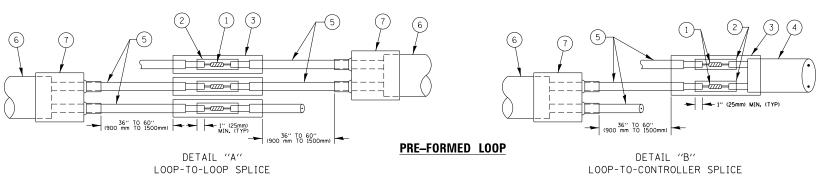
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.





LOOP DETECTOR SPLICE

- (1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH, THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- (2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- (3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

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(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

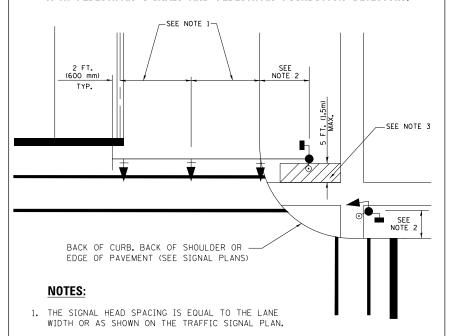
- (5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR
- BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

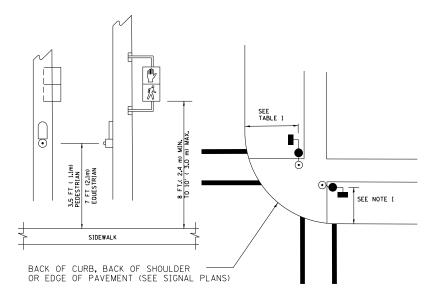
TOTAL SHEE SHEETS NO. SECTION COUNTY DISTRICT ONE DuPAGE 177 93 13-00253-01-CH STANDARD TRAFFIC SIGNAL DESIGN DETAILS TS-05 CONTRAGST NO. SHEET NO. 2 OF 7 SHEETS STA. FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK-BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



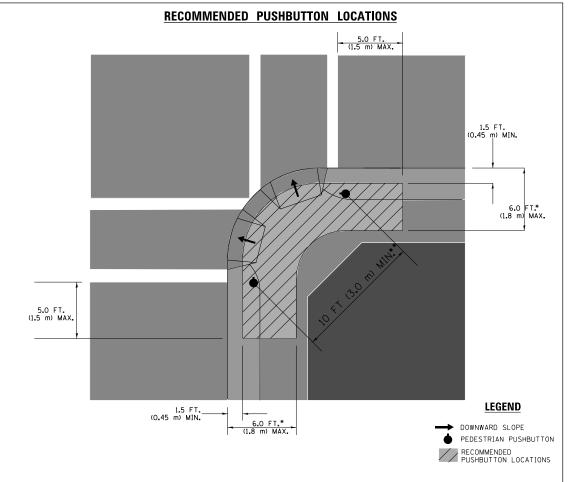
- 2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
- PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
- 4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
- 5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

- 1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
- 2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
- 3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
- 4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- •• WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

- PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2,4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK,
- 2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
- 3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
- 4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
- 5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

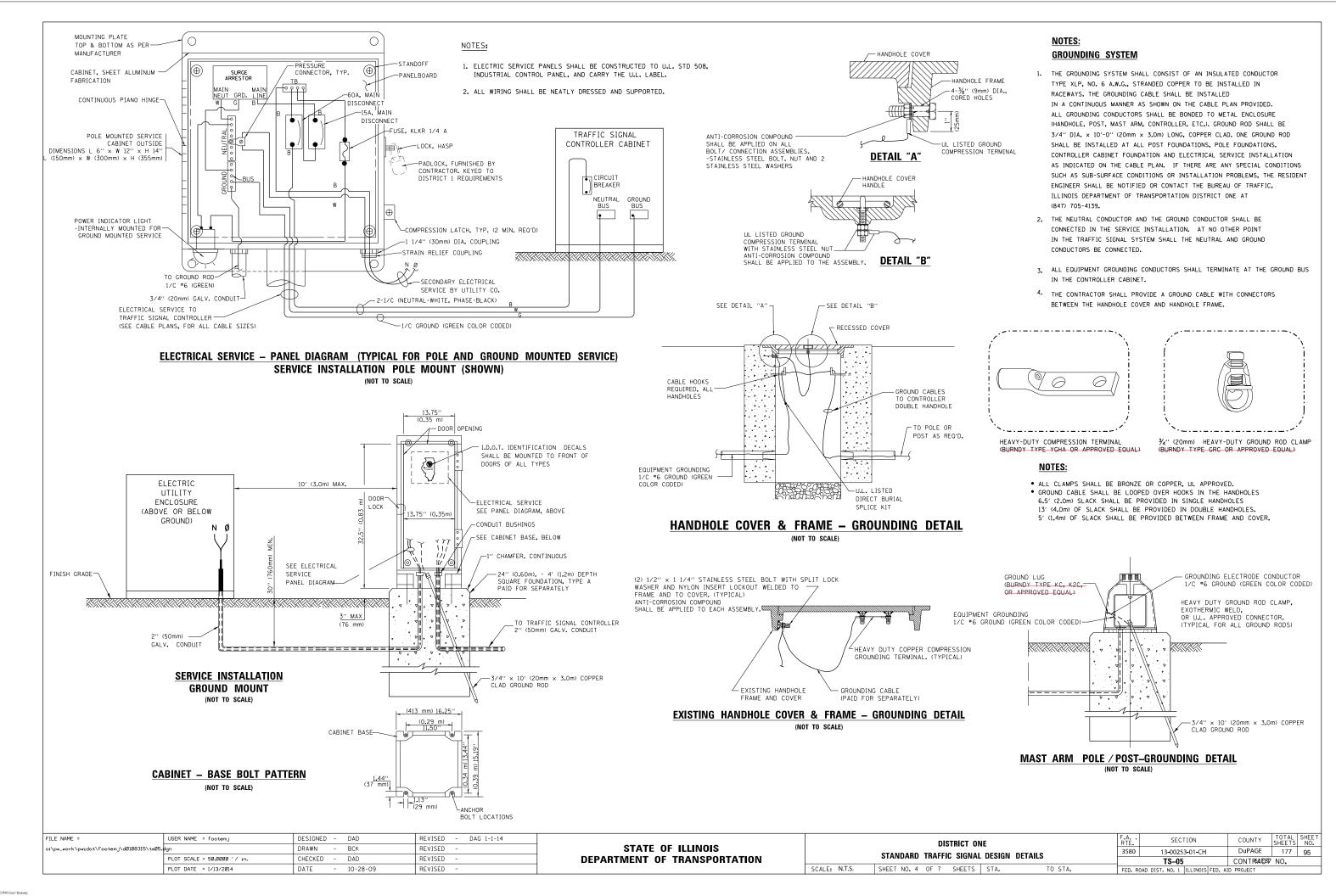
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

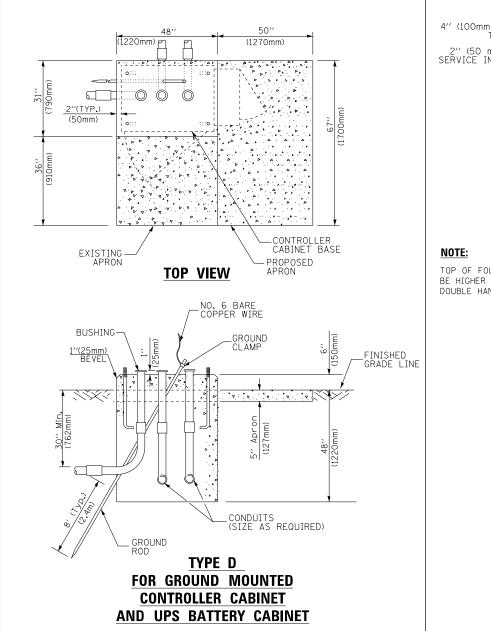
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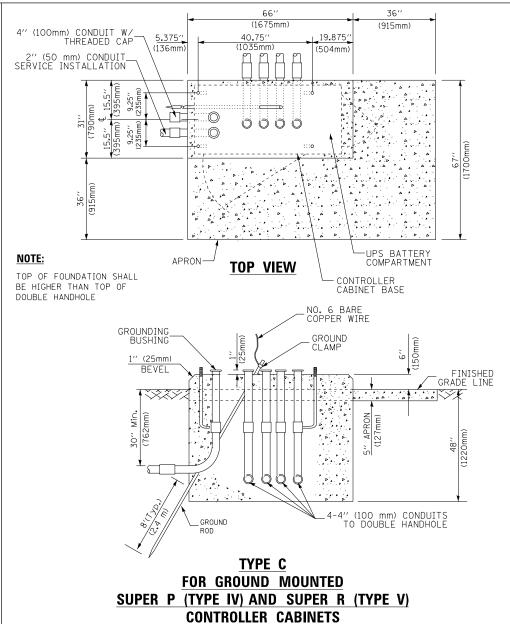
- 1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
- 2 MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
- 3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
- 4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE, THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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	(1651mm)	
SEE NOTE 5-	49" (SEE NOTE 3) (1245mm)	
, mm)	44" 16"	
(51m)	1118mm) 406mm)	
† †		
	<u> 2/2"</u> E E F	
31.″ 781.mm 26.″ 660mm	(64mm) 1"	<u> </u>
<u> </u>	(25mm)	>'
	10	ĺ
- 		2" × 6"
2", (51mm)		√ (51mm × 152mm)
(5)		WOOD FRAMING (TYP.)
ı		
TRAFFIC SIGNAL	- U	
CONTROLLER CABINET		
		— UPS
		CABINET
3/4" (19mm) TREATED		
<u>¾4" (19mm) TREATED</u> PHYWOOD DECK	l i	
	<u> </u>	7
2" <u>× 6" (51mm × 152mm)</u> TREATED WOOD	• •	
TREATED WOOD	<u> </u>	
[
.2." MIN		
(30,12)		~
[B 사]	A A	
48" MIN.		
(12		
6" × 6" (152mm × 152mm)	į	
NOTES: TREATED WOOD POSTS		
	ASE DIMENSIONS OF 2011 AAT 1000	1110mm\
 BASED ON CONTROLLER CABINET TYPE IV WITH B ADJUST PLATFORM SIZE TO FIT CABINET BASE D 	IMENSIONS BEING SUPPLIED	1 × 1118mm).
. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABI	NET WITH BASE DIMENSIONS OF 16" ×	25" (406mm x 635mm).

65" (SEE NOTE 4)

- BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm).
 ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
- 3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
- 4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
- 5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE, FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
- 6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

TEMPORARY SIGNAL CONTROLLER **WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

/ERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD)		
L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

CABLE SLACK

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0'' (1.2m)
TYPE D - CONTROLLER	4'-0'' (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0'' (1.2m)

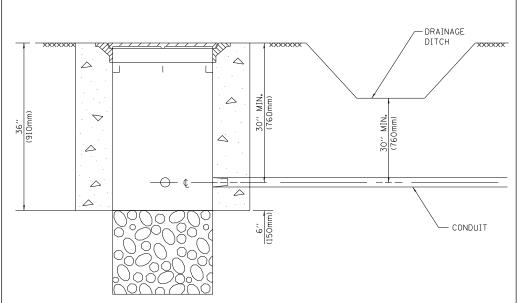
DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30′ (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to	13'-6'' (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
30' (9.1 m) and less than 40' (12.2 m)	11'-0'' (3.4 m)	36'' (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0'' (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0'' (4.6 m)	36'' (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0'' (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0'' (7 . 6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- 1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Ou) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.
- 2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
- 3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
- 4. For most arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

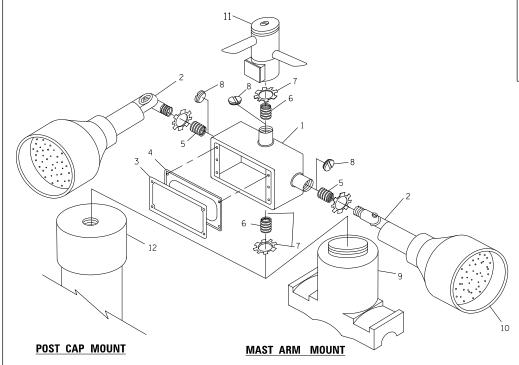
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NOTES:

- 1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
- 2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
- 3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH



EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

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66′′ 36′′ (1675mm) (915mm) 19.875" 5.375" 40.75" (136mm) (1035mm) (504mm) 0 PROPOSED -APRON -CONTROLLER CABINET BASE **TOP VIEW** NO. 3 DOWEL 18" (450mm)
LONG (8 REQ.) BUSHING _GROUND CLAMP / ANCHOR BOLTS FINISHED GRADE LINE

EXISTING ANCHOR BOLTS 1"(25mm) BEVEL 12" (300mm) 12" (300mm) 12" (300mm) 12" (300mm) EXISTING CONDUITS EXISTING GROUND ROD

MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

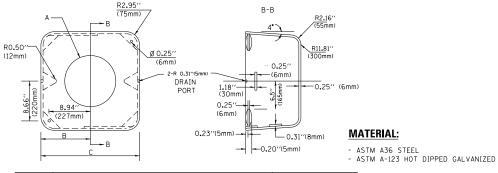
(NOT TO SCALE)

ITEM NO. IDENTIFICATION 1 OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M) 2 LAMP HOLDER AND COVER 3 OUTLET BOX COVER 4 RUBBER COVER GASKET 5 REDUCING BUSHING 6 ½1"(19 mm) CLOSE NIPPLE 7 ½1"(19 mm) LOCKNUT 8 ¾1"(19 mm) HOLE PLUG 9 SADDLE BRACKET - GALV. 10 6 WATT PAR 38 LED FLOOD LAMP 11 DETECTOR UNIT 12 POST CAP [18 FT. (5.4 m) POST MIN.]

<u>NOTES:</u>

- 1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS "2 AND "11 SHALL BE ALUMINUM OR GALVANIZED
- 2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT ITEM #2- MULBERRY CON-0-SHADE LAMP SHIELD OR EQUIVALENT ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
- 3. WHEN POST MOUNTING IS SPECIFIED, ITEM *9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

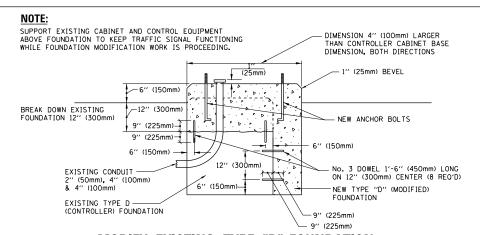


А	B C HEI		HEIGHT	WEIGHT
VARIES	9.5′′(241mm)	19''(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26''(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5''(470mm)	37''(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

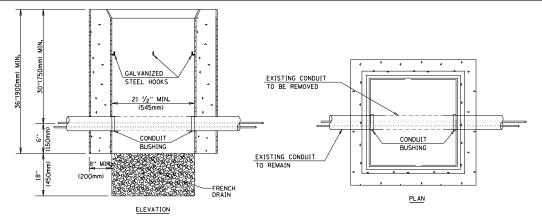
SHROUD

NOTES:

- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD.
 THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
- 2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
- 3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



MODIFY EXISTING TYPE "D" FOUNDATION



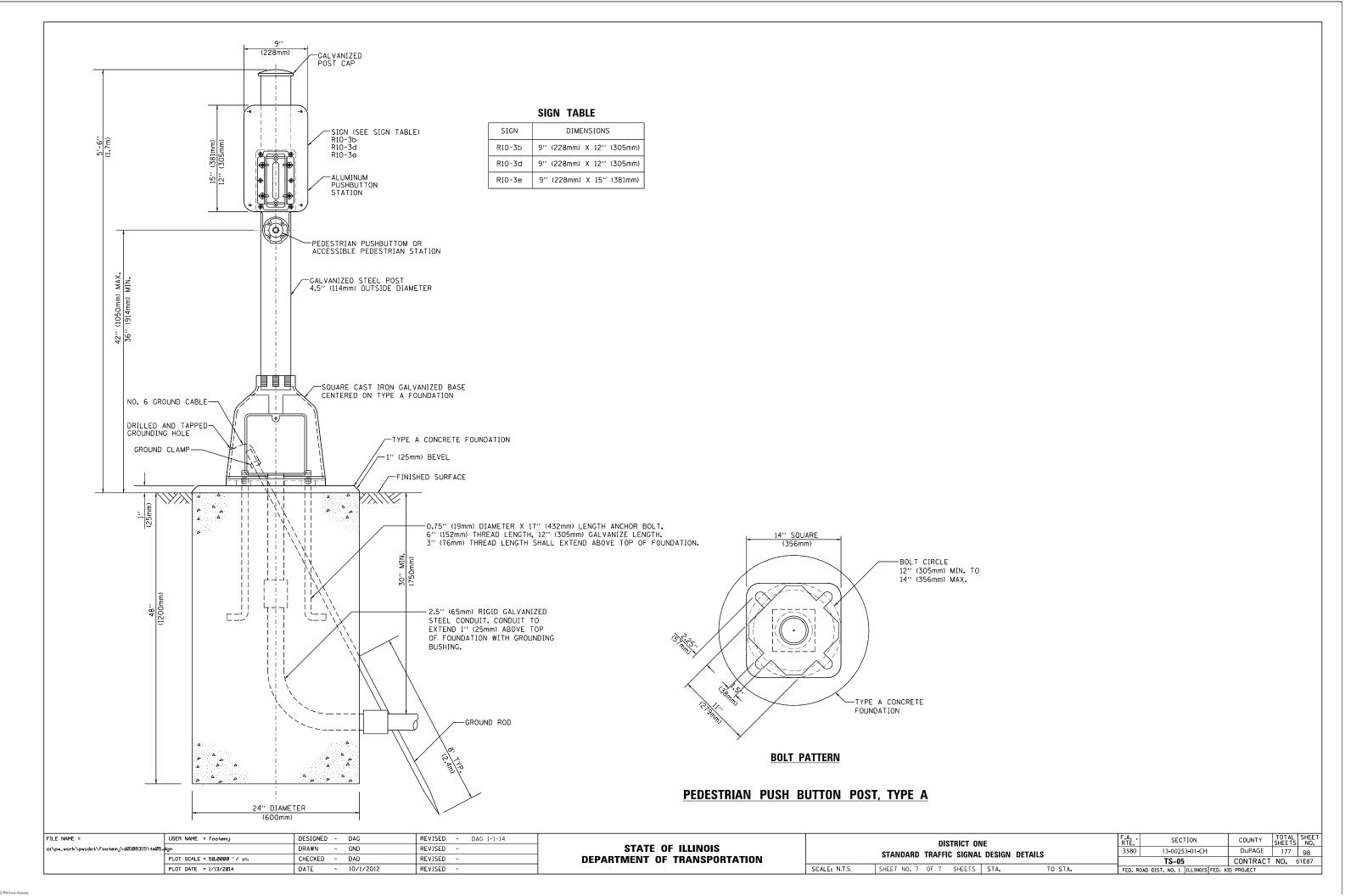
NOTES:

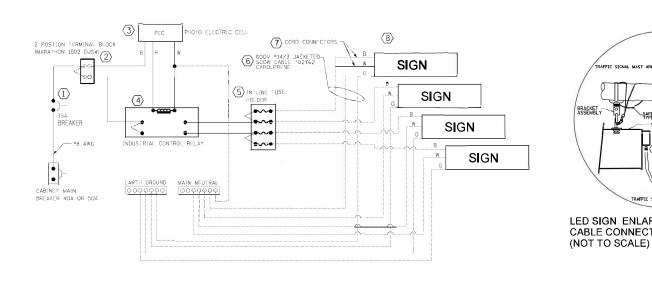
- 1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
- 2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

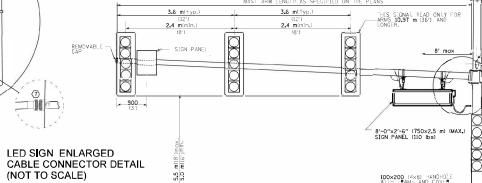
	DISTRICT ONE	F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	STANDARD TRAFFIC SIGNAL DESIGN DETAILS	3580	13-00253-01-CH	DuPAGE	177	97	
	STANDARD TRAFFIC SIGNAL DESIGN DETAILS		TS-05	CONTRAEST	NO.		
: N.T	r.s. sheet no. 6 of 7 sheets sta. to sta.	FED. RC	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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BRACKET ASSEMBLY SAFETY HOOK -LED SIGN ENLARGED CABLE CONNECTOR DETAIL



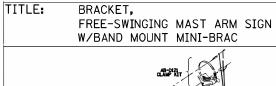
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE

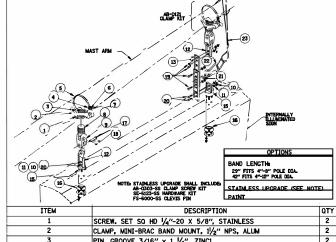
75×125 (3×5) HANDHOLE WITH FRAME AND COVER

SEE ENLARGED DETAIL

LED SIGN WIRING DETAIL

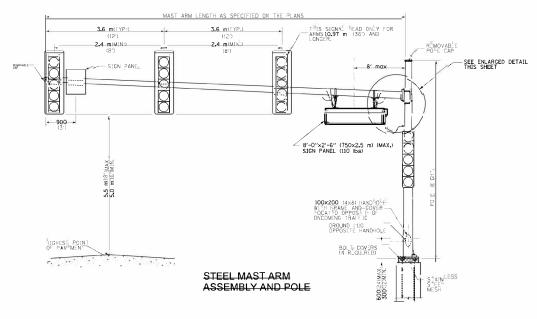
DESCRIPTION	NOTES
1. CIRCUIT BREAKER, 15 AMPERE	
(2.) TERMINAL BLOCK	
3. PHOTO ELECTRIC CONTROL	
4) CON RACTOR (INDUSTRIAL CON ROL RELAY)	BOLI ON W/SCREW
5. INLINE FUSE HOLDER	
6. L_ECTRIC CABLE, No. 14, 3/C (BLACK: WHITE: GREEN)	
(7.) CORD/CABLE CONNECTOR	
8. SIGN MOUNTING PARDWARE	





ITEM	DESCRIPTION
1	SCREW. SET SQ HD 1/4"-20 X 5/8", STAINLESS
2	CLAMP, MINI-BRAC BAND MOUNT, 11/2" NPS, ALUM
3	PIN, GROOVE 3/16" x 1 1/4", ZINC1
4	CLAMP, BAND 5/8", STAINLESS
5	BAND, 5/8", STAINLESS
6	SCREW, SET SOC HD 5/16"-18, STAINLESS
7	KIT, CLAMP SCREW FOR MINI-BRAC, GALV
8	ADAPTER, SPAN WIRE, DIE CAST ALUM W/ SS INSERT
9	CLEVIS-CLEVIS, 1/2" x 1/2", ALUM W/ STAINLESS BUSHINGS
10	NUT, HEX HD 5/16", STAINLESS
11	WASHER, SPLIT LOCK, 5/16", STAINLESS
12	EXTENDER CONNECTOR HANGER, ALUM W/ STAINLESS BUSHINGS
13	EXTENDER, 11"
15	HANGER, TRI-STUD, ALUM
16	HARDWARE KIT W/ GASKET, 5/16" - 18, STAINLESS
17	PIN, CLEVIS, 5/8" × 21/4" EL, GALV
18	PIN, COTTER HUMPED, 5/32" x 1.775" 304 STAINLESS
19	BOLT, HEX HD, 5/16" - 18 x 1", STAINLESS
20	BOLT, HEX HD, 5/16" - 18 x 11/4", STAINLESS
21	EYE HOOK, STAINLESS STEEL (RATED FOR APPROPRIATE LOAD)
22	CARABINER HOOK, STAINLESS STEEL, (RATED FOR APPROPRIATE LOAD)
23	CABLE, SAFETY, FOR SIGN HANGERS, STAINLESS
	SLEEVE, COMPRESSION, OVAL, STAINLESS
	WIRE ROPE, 3/16" X 7 X 19, AIRCRAFT, TYPE 304 STAINLESS
	CONNECTOR, THREADED, 3/16" X 1-1/2", STAINLESS

INSTRUCTIONS, SAFETY CABLE FOR SIGN HANGERS



GROUND LUG OPPOSITE HANDHOLE

- 1, SIGNAL HEADS, SIGN PANELS, AND OTHER ATTACHMENT ARE SHOWN FOR MINIMUM DESIGN LOADING PURPOSES ONLY. EACH SIGNAL HEAD SHALL WEIGH 36 Kg (80 ib) AND HAVE A PROJECTED AREA OF 1.37 sq. in (4.7, sq.†1.).
- 2. PHOTO ELECTRIC CELL IS TO BE MOUNTED ABOVE CABINET DOOR.
- 3. THE SIGN SHALL BE LOCATED AT A MAXIMUM OF 8' FROM CENTER OF SIGN TO POLE.
- 4. SIGN IS TO BE MOUNTED A MINIMUM OF 16' ABOVE PAVEMENT.
- 5. CERTAIN ADDITIONAL INFORMATION MAY BE ALLOWED ON THE SIGN. VERIFY WITH ENGINEER.
- 6. SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
- 7. ALL 120 VOLT SYSTEM AND CONTROL WIRING SHALL BE *12 AWG STRANDED UNLESS OTHERWISE INDICATED.
 8. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
 9. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
 18. RED.
 19. BL BLUE
 19. WHITE
 19. WHITE
 19. BL BLUE
 20. C = GREEN

LED SIGN BRACKET DETAIL



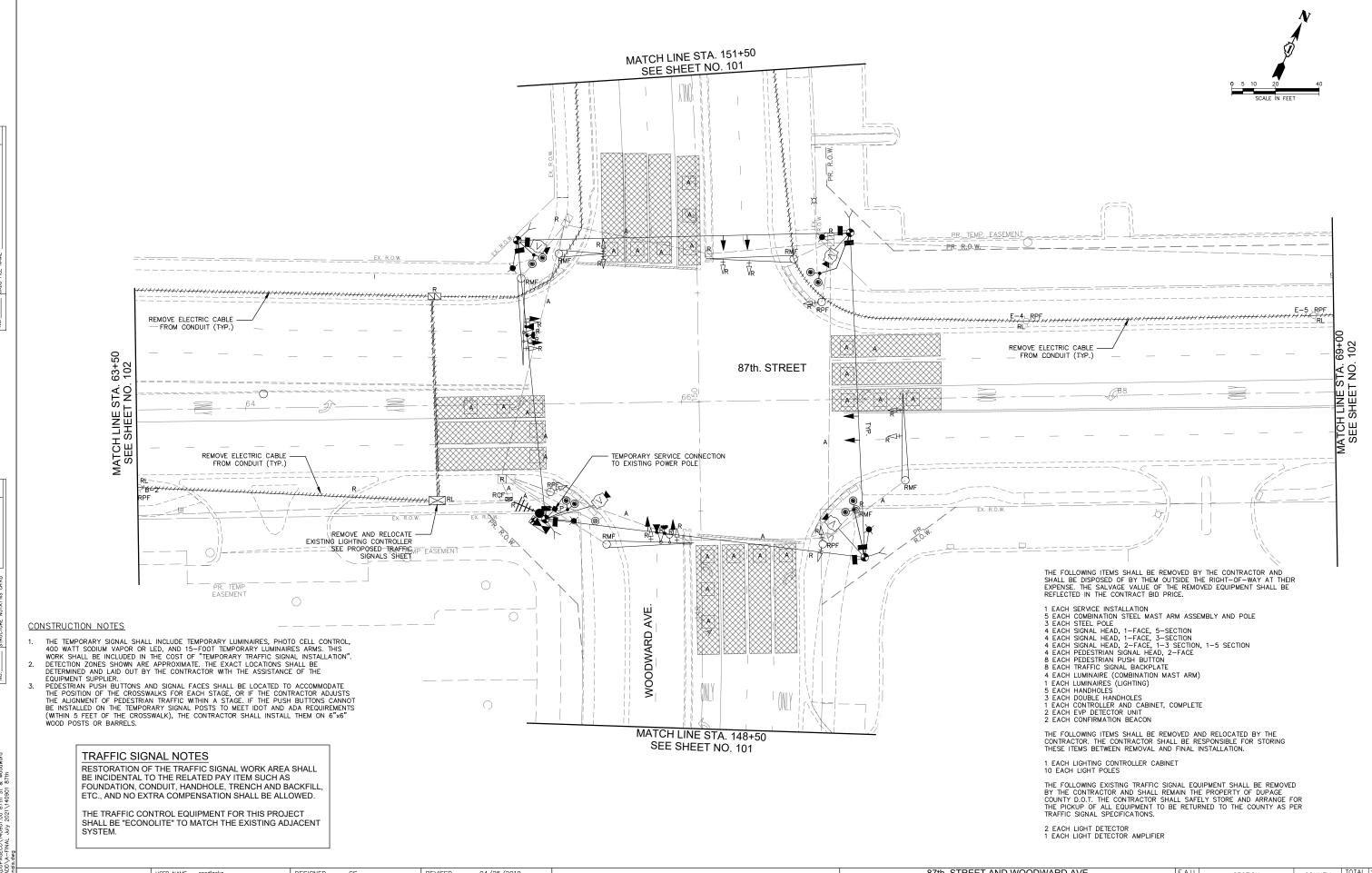
USER NAME = csedlacko	DESIGNED CS	REVISED 04/25/19
	DRAWN CS	REVISED -
PLOT SCALE = 20.0000 '/ in.	CHECKED JM	REVISED -
PLOT DATE = 8/13/2021	DATE 04/25/19	REVISED -

CONTROLLER CABINET

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

INTERNALLY ILLUMINATED STREET NAME SIGN DETAIL				DETAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
			3580	13-00253-01-CH	DuPAGE	177	9 9				
									CONTRAC	T NO.	61E87
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All dimensions are in millimeters (inches) unless otherwise shown.



ENGINEERIN RESOURCE ASSOCIATE RESOURCE ASSOCIATE

USER NAME = csedlacko	DESIGNED	_	CS	REVISED	_	04/25/2019
	DRAWN	_	CS	REVISED	_	08/13/2021
PLOT SCALE = \$SCALE\$	CHECKED	_	JM	REVISED	_	11/03/2021
PLOT DATE = 12/1/2021	DATE	_	04/25/2019	REVISED	_	12/02/2021
	PLOT SCALE = \$SCALE\$	DRAWN PLOT SCALE = \$SCALE\$ CHECKED	DRAWN — PLOT SCALE = \$SCALE\$ CHECKED —	DRAWN - CS PLOT SCALE = \$SCALE\$ CHECKED - JM	DRAWN — CS REVISED PLOT SCALE = \$SCALE\$ CHECKED — JM REVISED	DRAWN — CS REVISED — PLOT SCALE = \$SCALE\$ CHECKED — JM REVISED —

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

87th. STREET AND WOODWARD AVE.								
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVALS PLAN								
PRE-CONSTRUCTION STAGE								
CALF: 1"=20"	SHEET NO. 1 OF 3 SHEETS	STA 65+00 TO STA 69+50						

RTE.	E. SECTION				COUNTY	SHEETS	NO.	
3580					DuPage	177	100	
					CONTRACT NO. 61E87			
FED. RO	DAD DIST. NO	ILLINOIS	FED.	ΑIC	PROJECT			