

01-21-2022 LETTING ITEM 068

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-SP	DUPAGE	215	1
ILLINOIS CONTRACT NO. 61H29				

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAP ROUTE 0369 (75TH STREET)
MILLBROOK DRIVE TO GREENE ROAD
INTERSECTION IMPROVEMENT AND SIGNAL MODERNIZATION
SECTION No.: 18-00233-04-SP
PROJECT No.: X4IK(118)
DUPAGE COUNTY
C-91-336-19

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

TRAFFIC DATA

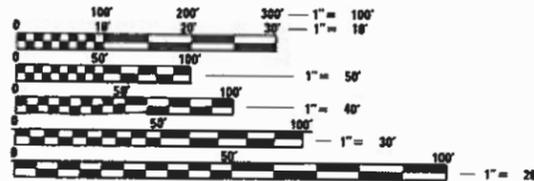
2018 ADT:

- 75TH STREET = 42,800
- MILLBROOK DR. = 6,000
- MODAFF RD. = 10,900
- OLYMPUS DR. = 1,900
- GREENE RD. = 4,600

DESIGN SPEED:

- 75TH STREET = 50 MPH (45 MPH POSTED)
- MILLBROOK DR. = 30 MPH (25 MPH POSTED)
- MODAFF RD. = 40 MPH (35 MPH POSTED)
- OLYMPUS DR. = 25 MPH (20 MPH POSTED)
- GREENE RD. = 50 MPH (45 MPH POSTED)

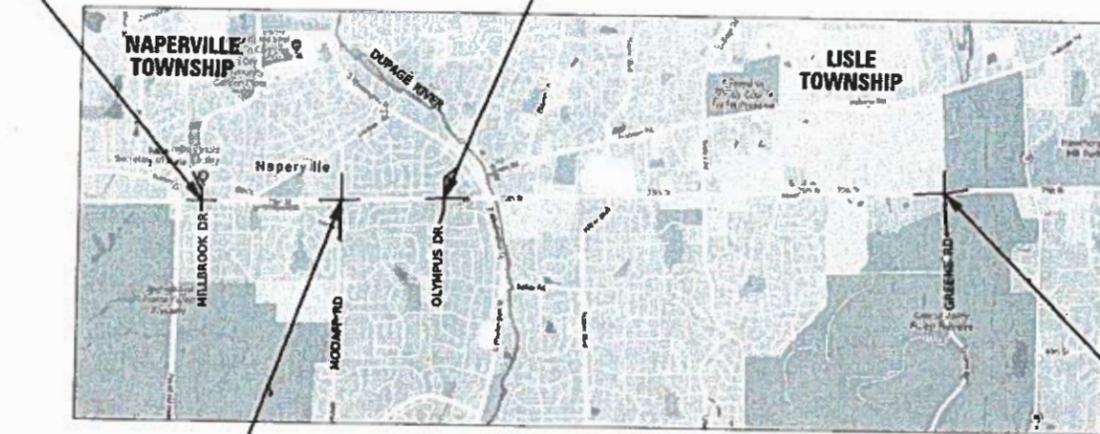
PROJECT LOCATED IN THE CITY OF NAPERVILLE AND THE VILLAGE OF WOODRIDGE



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

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

75TH ST. & MILLBROOK DR. STA. 186+78.16 TO STA. 192+73.24
75TH ST. & OLYMPUS DR. STA. 251+43.27 TO STA. 261+43.94



LOCATION MAP
NOT TO SCALE

75TH ST. & MODAFF RD. STA. 227+23.55 TO STA. 239+57.44

NAPERVILLE AND LISLE TOWNSHIPS
T.38N R.9E SECTION 25
T.38N R.10E SECTION 30
T.38N R.10E SECTION 27
GROSS LENGTH: 0.790 MILES (4,172.70 FEET)
NET LENGTH: 0.790 MILES (4,172.70 FEET)

75TH ST. & GREENE RD. STA. 193+14.94 TO STA. 206+55.13

PLANS PREPARED BY:

Bowman CONSULTING
311 S. Wacker Drive, Suite 1050
Chicago, Illinois 60606
312-614-0360
www.bowmanconsulting.com



MICHAEL J. TOMASZEWSKI
BOWMAN CONSULTING GROUP, LTD.
SHEETS 1-151, 156-215



BRENDA D. LOWERY
AMES ENGINEERING, INC.
SHEETS 152-155



FUNCTIONAL CLASSIFICATION:
OTHER PRINCIPAL ARTERIAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED November 3, 2021
Abbas Khatami
DUPAGE COUNTY DIVISION OF TRANSPORTATION COUNTY ENGINEER

PASSED NOV. 10, 2021
Chris...
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID LIMITED REVIEW NOVEMBER 10, 2021
Jose...
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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CONTRACT NO. 61H29

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280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 84" (2100 mm) DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
604056-04	FRAME AND GRATE, TYPE 11V
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-04	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)
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701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
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701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
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701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
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877002-04	STEEL MAST ARE ASSEMBLY AND POLE 56' THROUGH 75'
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880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND HIGHWAY STANDARDS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	2
			CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

1. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
2. ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
3. UNLESS AUTHORIZED BY THE ENGINEER, ALL EXISTING ACCESS POINTS SHALL BE MAINTAINED AT ALL TIMES BY THE CONTRACTOR.
4. PHOSPHOROUS FERTILIZER NUTRIENT WILL NOT BE USED AND HAS BEEN INTENTIONALLY OMITTED.

TREE REMOVAL, CLEARING & HEDGE REMOVAL:

1. 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.

OVERHANGING LIMBS:

1. OVERHANGING LIMBS ARE TO BE TRIMMED OR CUT OFF TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF FOURTEEN (14) FEET FROM THE FINISHED SURFACE OF THE ROAD. CLEARANCE TO SIDEWALKS OR PATHS SHALL BE EIGHT (8) FEET FROM THE SURFACE OF THE SIDEWALKS.
2. LIMB PRUNING SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.
3. 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.
4. CONTRACTOR SHALL SCHEDULE A WALK-THROUGH WITH IDOT ROADSIDE DEVELOPMENT UNIT 847-705-4171 FOR TREE PRUNING BEFORE CONSTRUCTION COMMENCEMENT. PLEASE PROVIDE AT LEAST 72-HOUR NOTICE TO IDOT ROADSIDE DEVELOPMENT UNIT PRIOR TO THE DESIRABLE WALK-THROUGH APPOINTMENT SESSION ON SITE.

TOPSOIL:

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.

ROADWAY EXCAVATION:

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 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.
3. 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 SATISFACTION OF THE ENGINEER PRIOR TO PLACING AGGREGATE SUBGRADE OR SUB-BASE GRANULAR MATERIAL.

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

1. HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOPSOIL PLACEMENT, BASE COURSE, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
2. SAWCUT CONSTRUCTION JOINTS SHALL BE PROVIDED AT PAVED COMMERCIAL OR PRIVATE ENTRANCES AND AT ALL SIDE ROADS.
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.

STORM SEWERS, STRUCTURES & UTILITIES

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 GRADES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMANS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.
3. 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 UTILITIES.
4. EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.
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.
6. ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE STRUCTURE INVOLVED.
7. ALL MANHOLES AND INLETS SHALL HAVE POURED INVERTS.
8. ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS, OR DITCHES, AS DIRECTED BY THE ENGINEER.
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 SATISFACTION OF THE ENGINEER UNTIL THE PERMANENT PATCH IS COMPLETED.

TRENCH BACKFILL

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.

COMMITMENTS

NO COMMITMENTS WERE MADE.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	3
CONTRACT NO. 61H29				
		ILLINOIS	FED. AID PROJECT	

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
						90% FEDERAL / 10% STATE								
						MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT				
						TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS				
0004	0021	0021	0021	0021	0021	0004	0021	0021	0021	0021				
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN				
	X	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	188	188								
		20101000	TEMPORARY FENCE	FOOT	300	300								
		20200100	EARTH EXCAVATION	CU YD	8,433	8,433								
S.P.		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,550	1,550								
S.P.		20800150	TRENCH BACKFILL	CU YD	25	25								
		21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	10,075	10,075								
		21101695	TOPSOIL FURNISH AND PLACE, 30"	SQ YD	1,378	1,378								
S.P.	X	25000210	SEEDING, CLASS 2A	ACRE	0.95	0.95								
	X	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90	90								
	X	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90	90								
	X	25100630	EROSION CONTROL BLANKET	SQ YD	5,179	5,179								
	X	25200110	SODDING, SALT TOLERANT	SQ YD	7,402	7,402								
S.P.	X	25200200	SUPPLEMENTAL WATERING	UNIT	340	340								
S.P.		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	240	240								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 14 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-SP	DUPAGE	215	4
CONTRACT NO. 61H29			ILLINOIS FED. AID PROJECT	

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
						90% FEDERAL / 10% STATE				
						MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT
						ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
0004	0021	0021	0021	0021						
URBAN	URBAN	URBAN	URBAN	URBAN						
S.P.		28000305	TEMPORARY DITCH CHECKS	FOOT	520	520				
S.P.		28000400	PERIMETER EROSION BARRIER	FOOT	1,646	1,646				
S.P.		28000510	INLET FILTERS	EACH	31	31				
S.P.		30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2,665	2,665				
S.P.		30300116	AGGREGATE SUBGRADE IMPROVEMENT 16"	SQ YD	6,960	6,960				
S.P.		31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	580	580				
S.P.		35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	109	109				
		35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	4,285	4,285				
		35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	1,126	1,126				
		35501290	HOT-MIX ASPHALT BASE COURSE, 3"	SQ YD	127	127				
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,233	6,233				
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,852	4,852				
S.P.		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	678	678				
S.P.		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	26	26				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 2	OF 14 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-SP	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
						90% FEDERAL / 10% STATE					
						MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT	
						ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
0004	0021	0021	0021	0021							
URBAN	URBAN	URBAN	URBAN	URBAN							
S.P.		40604062	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	528	528					
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,967	3,967					
		42400800	DETECTABLE WARNINGS	SQ FT	541	541					
		44000100	PAVEMENT REMOVAL	SQ YD	159	159					
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,054	5,054					
S.P.		44000600	SIDEWALK REMOVAL	SQ FT	4,462	4,462					
		44003100	MEDIAN REMOVAL	SQ FT	3,828	3,828					
		44004250	PAVED SHOULDER REMOVAL	SQ YD	2,894	2,894					
		48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,665	2,665					
		54213459	END SECTIONS 24"	EACH	1	1					
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1					
		54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2					
S.P.		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	60	60					
S.P.		550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	15	15					

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 3	OF 14 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-SP	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	

CONSTRUCTION CODE				
90% FEDERAL / 10% STATE				
MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT
TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
0004	0021	0021	0021	0021
URBAN	URBAN	URBAN	URBAN	URBAN

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS				
						0004	0021	0021	0021	0021	0021
						URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
S.P.		55100400	STORM SEWER REMOVAL 10"	FOOT	11	11					
S.P.		55100500	STORM SEWER REMOVAL 12"	FOOT	28	28					
S.P.		55100900	STORM SEWER REMOVAL 18"	FOOT	14	14					
S.P.	X	56400100	FIRE HYDRANTS TO BE MOVED	EACH	1	1					
S.P.		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
S.P.		60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3	3					
S.P.		60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	3	3					
S.P.		60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	1	1					
S.P.		60240312	INLETS, TYPE B, TYPE 11V FRAME AND GRATE	EACH	2	2					
		60500060	REMOVING INLETS	EACH	2	2					
		60600095	CLASS S1 CONCRETE (OUTLET)	CU YD	15	15					
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5,550	5,550					
		60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	232	232					
	X	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	75	75					

○ = CONSTRUCTION CODE 0042

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 4	OF 14 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-SP	COUNTY	TOTAL SHEETS 215	SHEET NO. 7
ILLINOIS FED. AID PROJECT		DUPAGE	CONTRACT NO. 61H29	

CONSTRUCTION CODE				
90% FEDERAL / 10% STATE				
MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT
TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
0004	0021	0021	0021	0021
URBAN	URBAN	URBAN	URBAN	URBAN

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS				
						0004	0021	0021	0021	0021	0021
						URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
	X	63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2					
	X	63200310	GUARDRAIL REMOVAL	FOOT	125	125					
S.P.	X	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	3,897	3,897					
S.P.	X	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2					
S.P.	X	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1					
S.P.	X	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1					
S.P.	X	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	16	16					
		67100100	MOBILIZATION	L SUM	1	1					
		70107025	CHANGEABLE MESSAGE SIGN	CAL DA	640	640					
S.P.		70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	33,898	33,898					
S.P.		70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	2,269	2,269					
S.P.		70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	363	363					
	X	72000100	SIGN PANEL - TYPE 1	SQ FT	120		30	30	30	30	
	X	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	15	15					

⊙ = CONSTRUCTION CODE 0042

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 311 S. Wacker Drive, Suite 1950 Chicago, Illinois 60606 312.461.0000 www.bowman.com	USER NAME = mtomaszewski DESIGNED - DRAWN - PLOT SCALE = 2.0000" / 1in. PLOT DATE = 11/24/2021	REVISIONS REVISIONS REVISIONS REVISIONS REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES SCALE: NONE SHEET 5 OF 14 SHEETS STA. NA TO STA. NA	F.A.P. RTE. 0369 SECTION 18-00233-04-SP COUNTY DUPAGE TOTAL SHEETS 215 SHEET NO. 8 CONTRACT NO. 61H29 ILLINOIS FED. AID PROJECT	

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
						90% FEDERAL / 10% STATE					
						MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT	
						ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
0004	0021	0021	0021	0021							
URBAN	URBAN	URBAN	URBAN	URBAN							
	X	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	2					
	X	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2					
	X	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,046	1,046					
	X	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6,993	6,993					
	X	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,513	3,513					
	X	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2,896	2,896					
	X	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3,270	3,270					
	X	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	643	643					
	X	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8					
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	6,931	6,931					
S.P.	X	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	4,609		21	64	564	881	3,079
S.P.	X	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	756	226	121	71	114	224	
S.P.	X	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,991		516	498	455	522	
S.P.	X	81400100	HANDHOLE	EACH	15	2	2	3	5	3	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 6 OF 14 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-SP	DUPAGE	215	9
CONTRACT NO. 61H29			ILLINOIS FED. AID PROJECT	

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
						90% FEDERAL / 10% STATE					
						MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT	
						TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
ROADWAY	0004	0021	0021	0021	0021	0021	0021	0021	0021		
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
S.P.	X	81400300	DOUBLE HANDHOLE	EACH	11		2	2	4	3	
S.P.	X	81603037	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	939	939					
S.P.	X	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	4,234		985	963	1,322	964	
	X	81800230	AERIAL CABLE, 2-1/C NO. 6 WITH MESSENGER WIRE	FOOT	982	982					
	X	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2	2					
	X	84200804	REMOVAL OF POLE FOUNDATION	EACH	2	2					
	X	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	1					
S.P.	X	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1						1
S.P.	X	86400100	TRANSCEIVER - FIBER OPTIC	EACH	4						4
S.P.	X	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3,796						3,796
S.P.	X	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	5,708		1,451	1,372	1,444	1,441	
S.P.	X	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	8,377		2,109	2,015	2,065	2,188	
S.P.	X	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	12,701		2,705	2,656	3,909	3,431	
S.P.	X	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	5,018		828	747	1,735	1,708	

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 7 OF 14 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-SP	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 10
CONTRACT NO. 61H29			ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE				
90% FEDERAL / 10% STATE				
MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT
TRAFFIC SIGNALS 0004	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021
URBAN	URBAN	URBAN	URBAN	URBAN

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
						ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
						0004	0021	0021	0021	0021	
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
S.P.	X	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	184		35	35	50	64	
S.P.	X	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4,356		729	672	1,301	1,654	
S.P.	X	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1				1		
S.P.	X	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8		2	2	2	2	
S.P.	X	87700140	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1		1				
S.P.	X	87700150	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	2		1			1	
S.P.	X	87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	3				2	1	
S.P.	X	87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1			1			
S.P.	X	87700200	STEEL MAST ARM ASSEMBLY AND POLE, 32 FT.	EACH	1			1			
S.P.	X	87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	4		1	2	1		
S.P.	X	87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1				1		
S.P.	X	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1					1	
S.P.	X	87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	2		1			1	
S.P.	X	87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	3			1		2	

⊙ = CONSTRUCTION CODE 0042

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 8 OF 14 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-SP	DUPAGE	215	11
CONTRACT NO. 61H29			ILLINOIS FED. AID PROJECT	

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
						ROADWAY	90% FEDERAL / 10% STATE				INTERCONNECT
							MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	
							TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
0004	0021	0021	0021	0021	0021						
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN						
S.P.	X	87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	2		1	1			
S.P.	X	87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1			1			
S.P.	X	87703050	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.	EACH	2		1	1			
S.P.	X	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	52		12	12	16	12	
S.P.	X	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16		4	4	4	4	
	X	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3	3					
S.P.	X	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	105		30	30	15	30	
S.P.	X	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	186		30	45	45	66	
S.P.	X	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	113		42	21	50		
	X	87900200	DRILL EXISTING HANDHOLE	EACH	8						8
S.P.	X	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	44		12	12	10	10	
S.P.	X	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8		2	2	2	2	
S.P.	X	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	16		2	2	6	6	
S.P.	X	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	32		8	8	8	8	

⊙ = CONSTRUCTION CODE 0042

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 9	OF 14 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-SP	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 12
CONTRACT NO. 61H29			ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE				
90% FEDERAL / 10% STATE				
MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT
TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
0004	0021	0021	0021	0021
URBAN	URBAN	URBAN	URBAN	URBAN

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY						
						ROADWAY	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
						0004	0021	0021	0021	0021	
						URBAN	URBAN	URBAN	URBAN	URBAN	
S.P.	X	88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	56		14	14	14	14	
S.P.	X	88700200	LIGHT DETECTOR	EACH	12		3	3	3	3	
S.P.	X	88700300	LIGHT DETECTOR AMPLIFIER	EACH	4		1	1	1	1	
S.P.	X	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4		1	1	1	1	
S.P.	X	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	6,558						6,558
S.P.	X	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4		1	1	1	1	
S.P.	X	89502380	REMOVE EXISTING HANDHOLE	EACH	33	2	5	10	11	5	
S.P.	X	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	4		1	1	1	1	
S.P.	X	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	39		9	9	11	10	
	X	K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1					
S.P.	X	X0100019	SPECIAL WASTE PLANS AND REPORTS (SPECIAL)	L SUM	1	1					
S.P.	X	X0322141	REMOVE TEMPORARY WOOD POLE	EACH	3	3					
S.P.	X	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	2,875		686	660	632	897	
S.P.	X	X0326981	ENGINEERED SOIL FURNISH AND PLACE (SPECIAL)	CU YD	471	471					

⊙ = CONSTRUCTION CODE 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 10 OF 14 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-SP	COUNTY	TOTAL SHEETS 215	SHEET NO. 13
		DUPAGE	CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
						90% FEDERAL / 10% STATE					
						MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT	
						TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	
0004	0021	0021	0021	0021	0021	0004	0021	0021	0021	0021	
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
S.P.	X	X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	3	3					
S.P.	X	X0327211	RELOCATE SWITCH	EACH	8		2	2	2	2	
S.P.	X	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	16		4	4	4	4	
S.P.		X1200055	INFILTRATION AGGREGATE	CU YD	620	620					
S.P.		X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	4	4					
S.P.	X	X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	370				273	97	
S.P.	X	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	4		1	1	1	1	
S.P.	X	X1400217	TERMINATE FIBER IN CABINET	EACH	42						42
S.P.	X	X1400219	SPLICE FIBER IN CABINET	EACH	66						66
S.P.	X	X1400238	LUMINAIRE, LED, SPECIAL	EACH	16		4	4	4	4	
S.P.	X	X1400322	RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM	EACH	4				2	2	
S.P.	X	X1400424	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	3,718		1,028	1,016	829	845	
S.P.		X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	69	69					
S.P.		X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	50	50					

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 11 OF 14 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-SP	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 14
CONTRACT NO. 61H29			ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE				
90% FEDERAL / 10% STATE				
MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT
TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
0004	0021	0021	0021	0021
URBAN	URBAN	URBAN	URBAN	URBAN

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
						ROADWAY	TRAFFIC SIGNALS				
						0004	0021	0021	0021	0021	0021
						URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
S.P.		X6024240	INLETS, SPECIAL	EACH	9	9					
S.P.		X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	5	5					
S.P.		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	12,088	12,088					
S.P.	X	X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	131	131					
S.P.	X	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	4		1	1	1	1	
S.P.	X	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	4		1	1	1	1	
S.P.	X	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	40		8	8	8	16	
S.P.	X	X8950077	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1	1					
S.P.	X	X8950310	RELOCATE EXISTING SIGNAL HEAD AND POST	EACH	2	1				1	
S.P.		XX000372	TEMPORARY AGGREGATE	TON	7	7					
S.P.		XX003338	TEST HOLE	EACH	5	5					
S.P.	X	XX009046	VEHICLE DETECTION SYSTEM, SPECIAL	EACH	4		1	1	1	1	
S.P.		XZ127900	RETAINING WALL REMOVAL	FOOT	39	39					

∅ = CONSTRUCTION CODE 0042

MODEL: Default
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Bowman
711 S. Wacker Drive, Suite 1800
 Chicago, Illinois 60606
 312-491-8180
 www.bowman.com

USER NAME = mtomaszewski	DESIGNED -	REVISED -
PLOT SCALE = 2.0000" / 1"	DRAWN -	REVISIONS -
PLOT DATE = 11/5/2021	CHECKED -	REVISIONS -
	DATE = 11/5/2021	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 12	OF 14 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-SP	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 15
		CONTRACT NO. 61H29		
		ILLINOIS FED. AID PROJECT		

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SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	CONSTRUCTION CODE				
							90% FEDERAL / 10% STATE				
							MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT
							TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
						0004	0021	0021	0021	0021	0021
						URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
S.P.		Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	102	102					
S.P.		Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
S.P.		Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	8	8					
S.P.		Z0022800	FENCE REMOVAL	FOOT	58	58					
S.P.		Z0027800	GEOTECHNICAL FABRIC	SQ YD	2,512	2,512					
S.P.		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	412	412					
S.P.	X	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	4						4
S.P.		Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	5	5					

○ = CONSTRUCTION CODE 0042



USER NAME = mtomaszewski	DESIGNED -	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/5/2021	CHECKED -	REVISED -
	DATE - 11/5/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 13	OF 14 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-SP	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 16
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				

SPECIAL PROVISION	SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
						90% FEDERAL / 10% STATE						
						MILLBROOK DRIVE	MODAFF ROAD	OLYMPUS DRIVE	GREENE ROAD	INTERCONNECT		
						TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS		
						0004	0021	0021	0021	0021	0021	
						URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	
	S.P.	X	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4		1	1	1	1	
∅	S.P.		Z0076600	TRAINEES	HOUR	500	500					
∅	S.P.		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500					

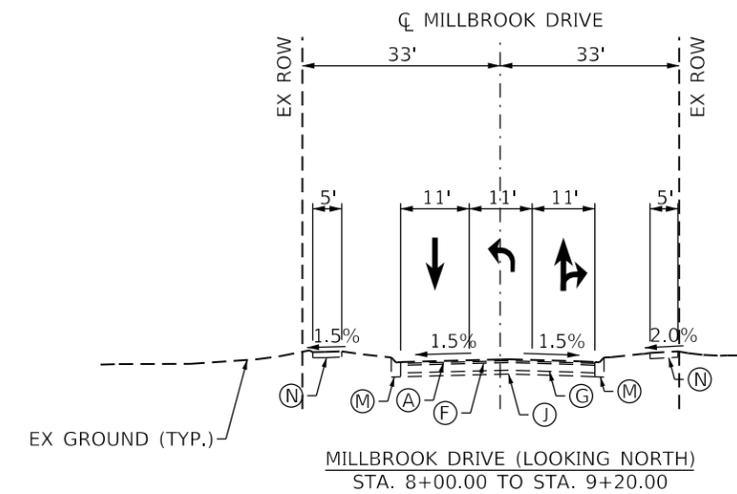
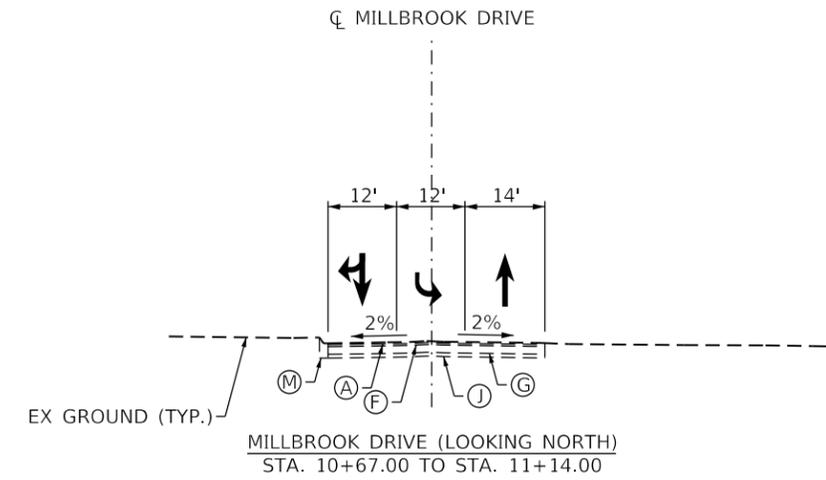
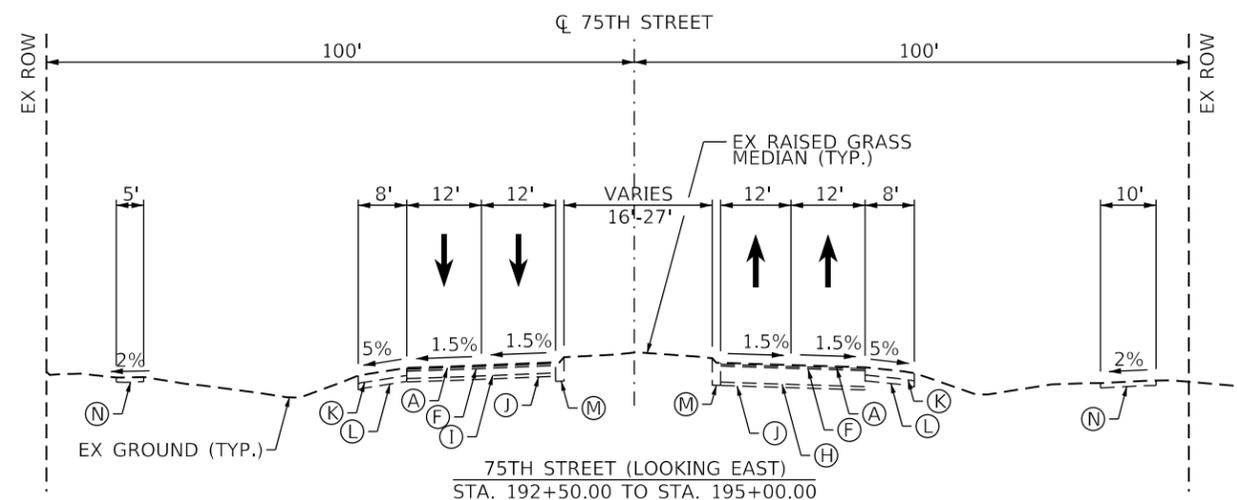
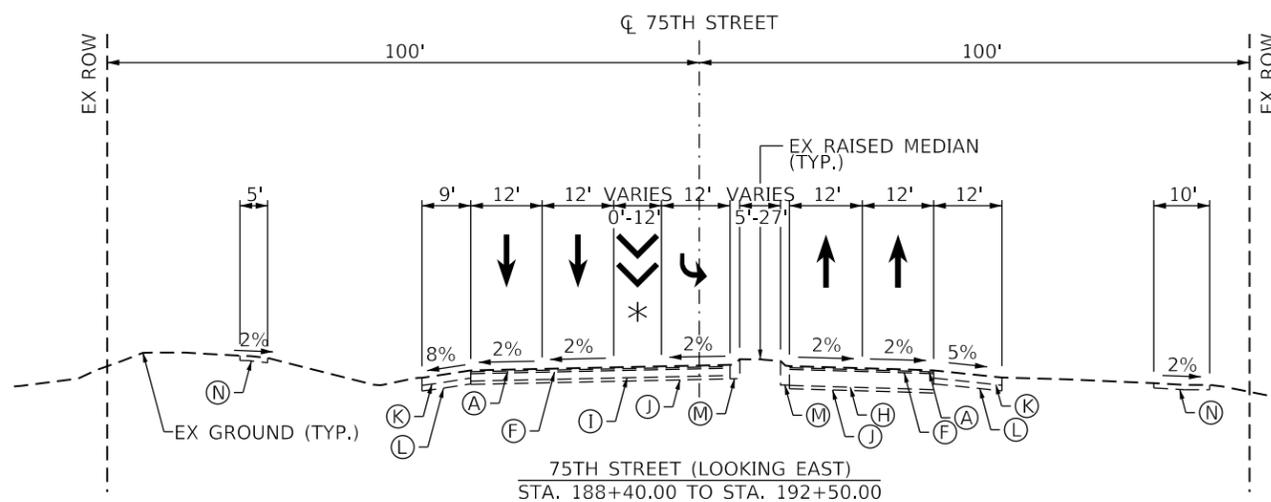
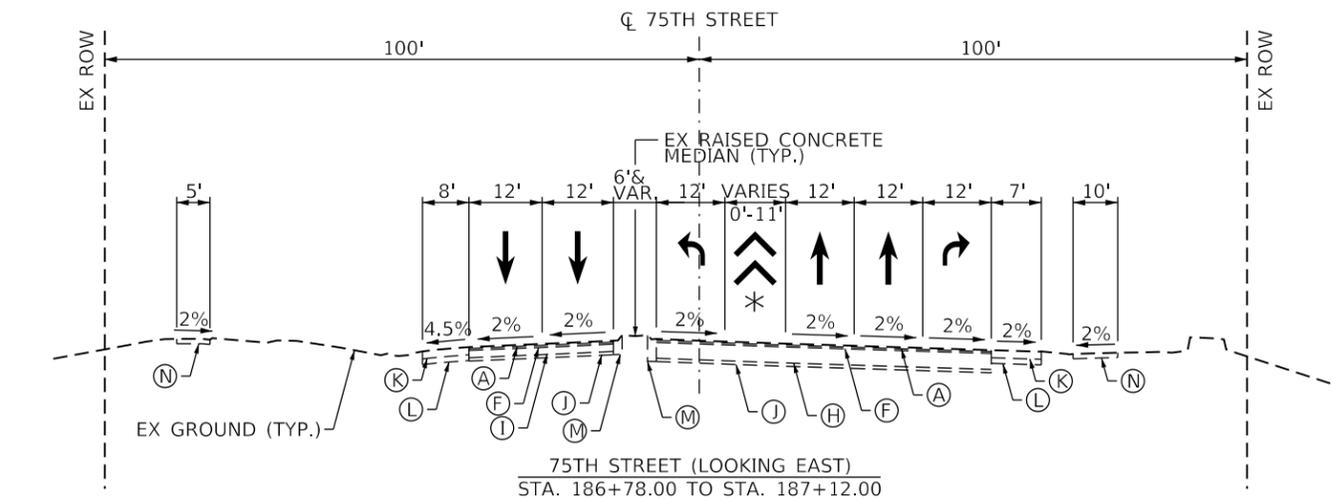
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	DRAWN -	REVISOR -	0369					18-00233-04-5P	DUPAGE	215	17	
	PLOT SCALE = 2.0000' / 1in.	CHECKED -	REVISOR -					CONTRACT NO. 61H29				
	PLOT DATE = 11/10/2021	DATE = 11/10/2021	REVISOR -					ILLINOIS	FED. AID PROJECT			
				SCALE: NONE	SHEET 14	OF 14	SHEETS	STA. NA	TO STA. NA			

LEGEND

* = PAINTED STRIPED MEDIAN



NOTES

1. NO WORK WILL BE DONE ON THE MILLBROOK DRIVE LEGS. ALL WORK WILL BE DONE AT THE INTERSECTION AND ON 75TH STREET.
2. NO WORK WILL BE DONE ON THE EXISTING SIDEWALK EXCEPT AT THE INTERSECTION OF MILLBROOK DRIVE AND 75TH STREET.

EXISTING CONDITIONS - 75TH AND MILLBROOK

- (A) 1.5" HOT MIX ASPHALT SURFACE COURSE
- (B) 1.75" HOT MIX ASPHALT SURFACE COURSE
- (C) 2" HOT MIX ASPHALT SURFACE COURSE
- (D) 1.5" HOT MIX ASPHALT BINDER COURSE
- (E) 1.75" HOT MIX ASPHALT BINDER COURSE
- (F) 2" HOT MIX ASPHALT BINDER COURSE
- (G) 14" AND VAR. BITUMINOUS BASE COURSE
- (H) 19.5" AND VAR. BITUMINOUS BASE COURSE
- (I) 9" PCC BASE COURSE
- (J) 4" AND VAR. AGGREGATE/GRANULAR SUB-BASE
- (K) 8" HOT MIX ASPHALT SHOULDER
- (L) 6" AGGREGATE BASE COURSE, TYPE B
- (M) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (N) 5" PCC SIDEWALK
- (O) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18

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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

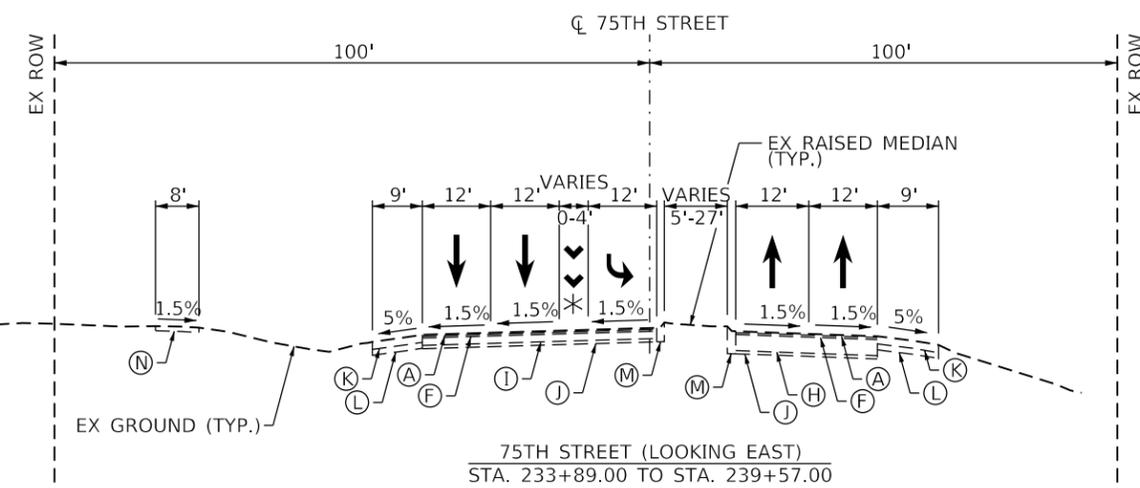
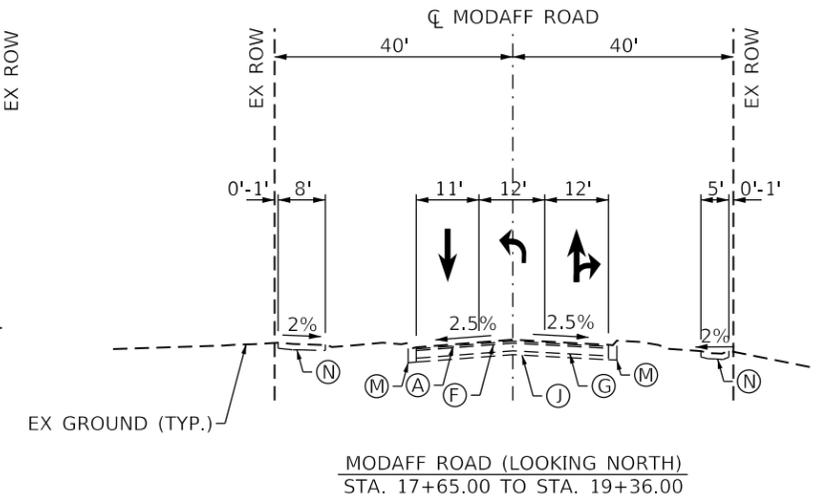
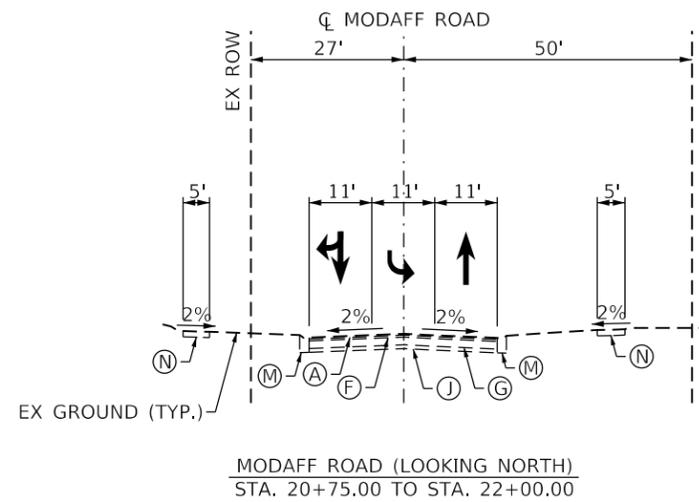
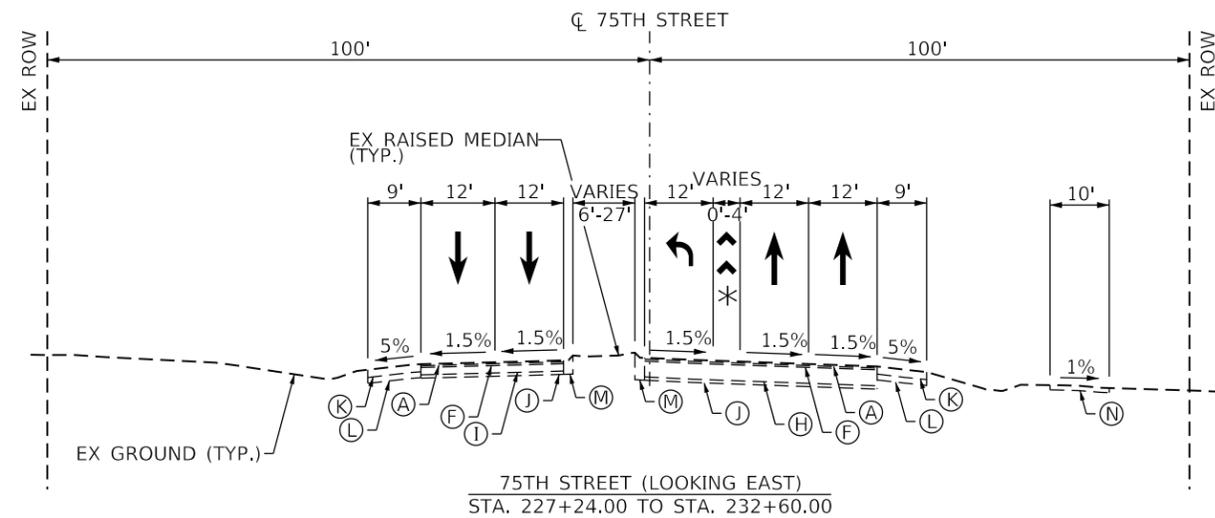
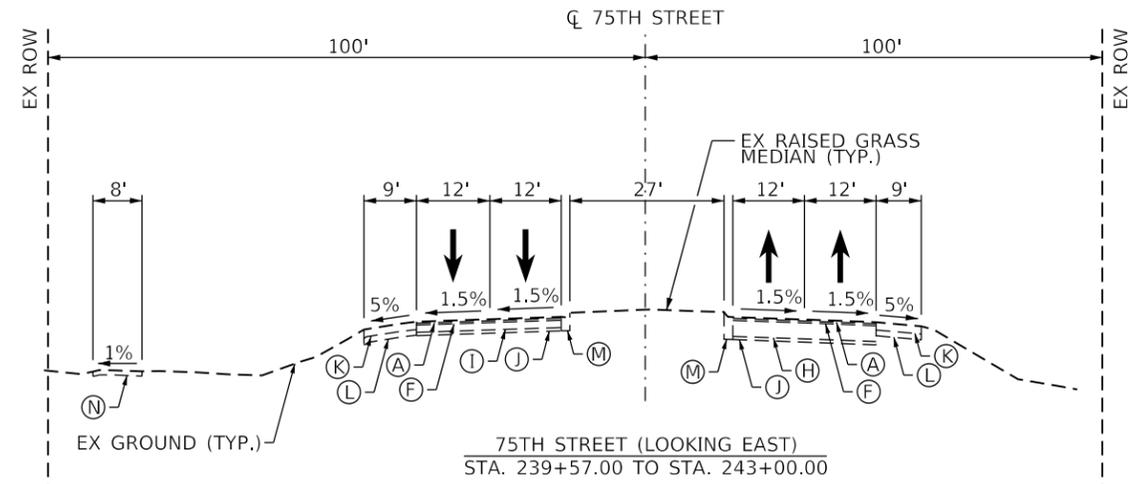
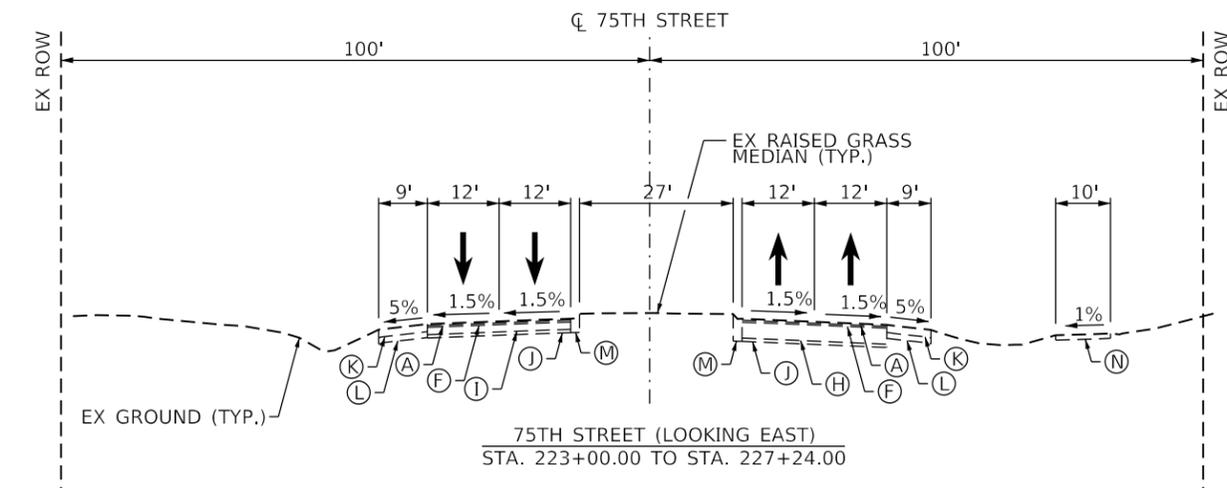
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75TH STREET AND MILLBROOK DRIVE		0369	18-00233-04-5P	DUPAGE	215	18
SCALE: NONE	SHEET 1 OF 8 SHEETS	STA. NA	TO STA. NA		CONTRACT NO. 61H29	

ILLINOIS	FED. AID PROJECT
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LEGEND

* = PAINTED STRIPED MEDIAN



EXISTING CONDITIONS - 75TH AND MODAFF

- (A) 1.5" HOT MIX ASPHALT SURFACE COURSE
- (B) 1.75" HOT MIX ASPHALT SURFACE COURSE
- (C) 2" HOT MIX ASPHALT SURFACE COURSE
- (D) 1.5" HOT MIX ASPHALT BINDER COURSE
- (E) 1.75" HOT MIX ASPHALT BINDER COURSE
- (F) 2" HOT MIX ASPHALT BINDER COURSE
- (G) 14" BITUMINOUS BASE COURSE
- (H) 19.5" AND VAR. BITUMINOUS BASE COURSE
- (I) 9" PCC BASE COURSE
- (J) 4" AND VAR. AGGREGATE/GRANULAR SUB-BASE
- (K) 8" HOT MIX ASPHALT SHOULDER
- (L) 6" AGGREGATE BASE COURSE, TYPE B
- (M) 5" COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (N) 5" PCC SIDEWALK
- (O) 5" COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18

NOTES

1. NO WORK WILL BE DONE ON THE MODAFF ROAD LEGS. ALL WORK WILL BE DONE AT THE INTERSECTION AND ON 75TH STREET.
2. NO WORK WILL BE DONE ON THE EXISTING SIDEWALK EXCEPT AT THE INTERSECTION OF MODAFF ROAD AND 75TH STREET.

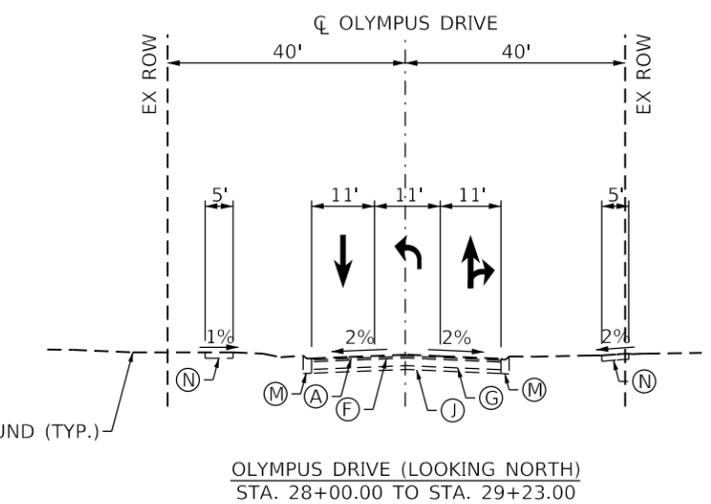
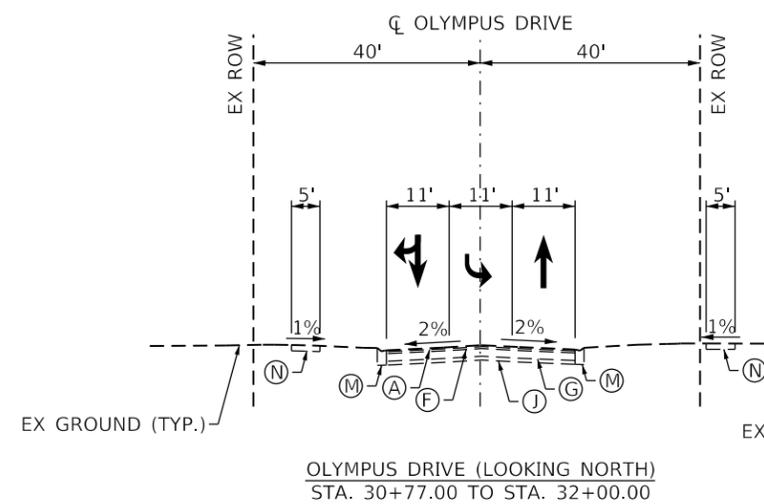
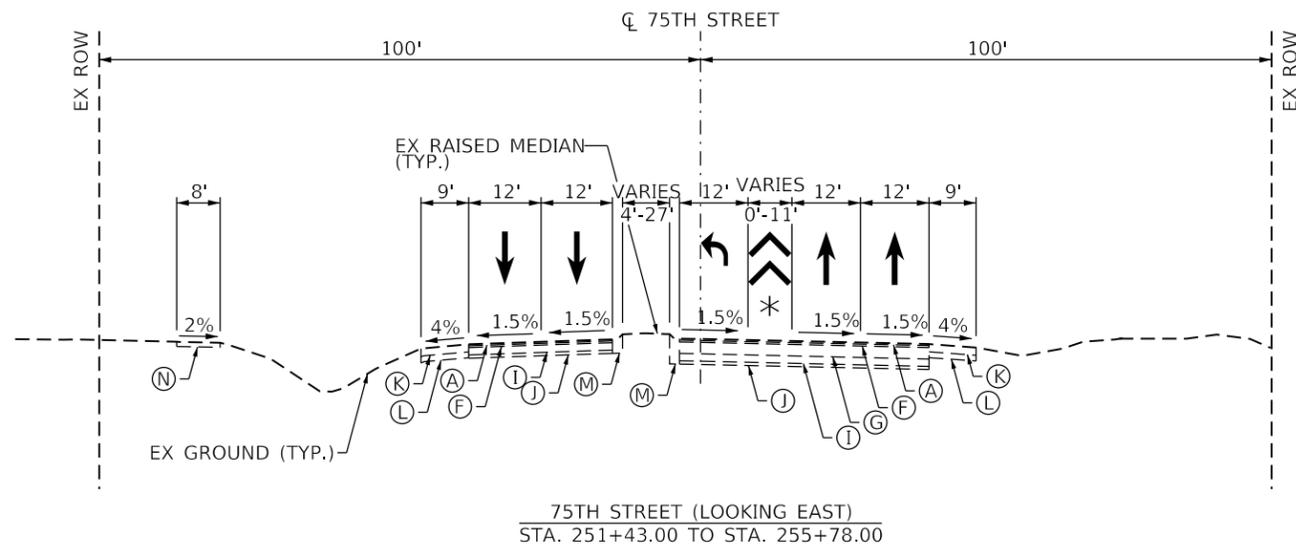
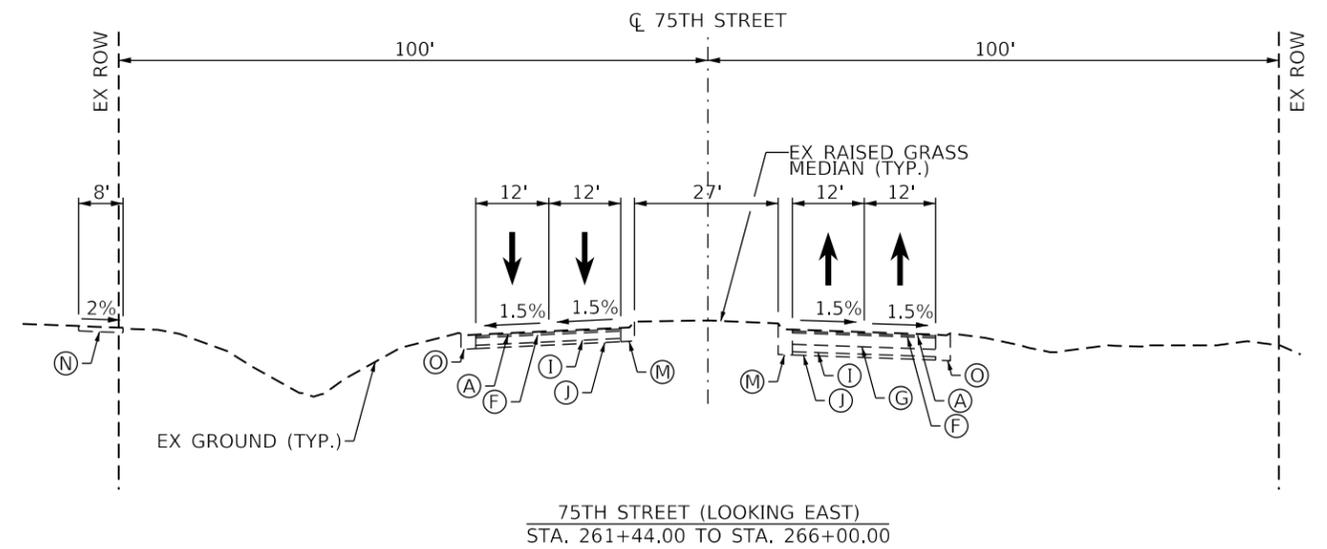
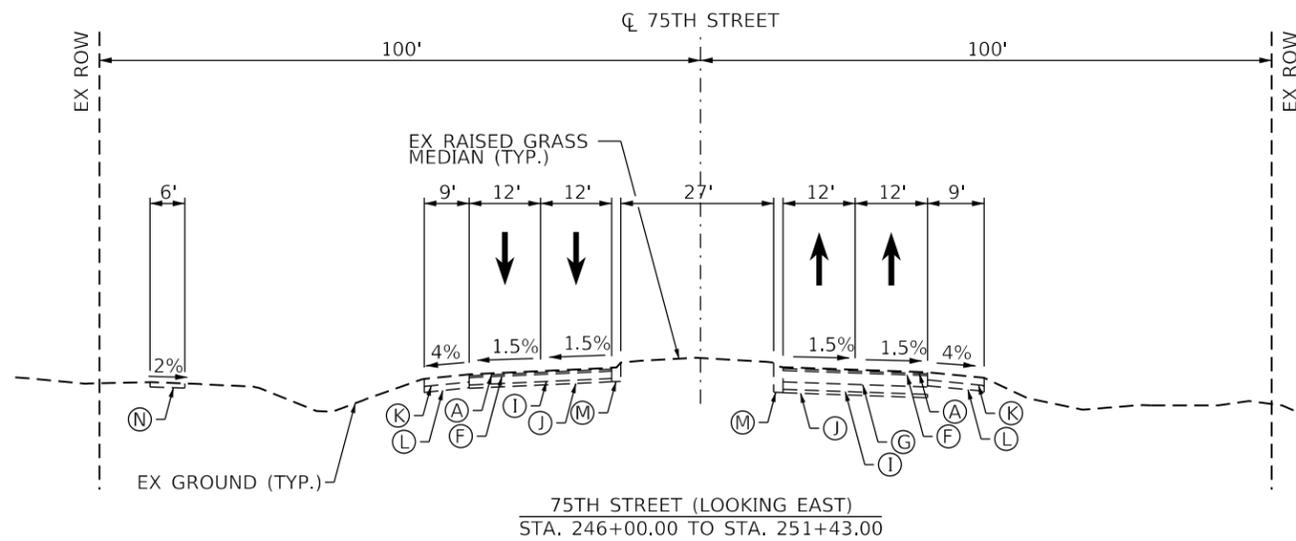
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75TH STREET AND MODAFF ROAD		0369	18-00233-04-5P	DUPAGE	215	19
SCALE: NONE		SHEET 2 OF 8 SHEETS		STA. NA TO STA. NA		CONTRACT NO. 61H29
				ILLINOIS		FED. AID PROJECT

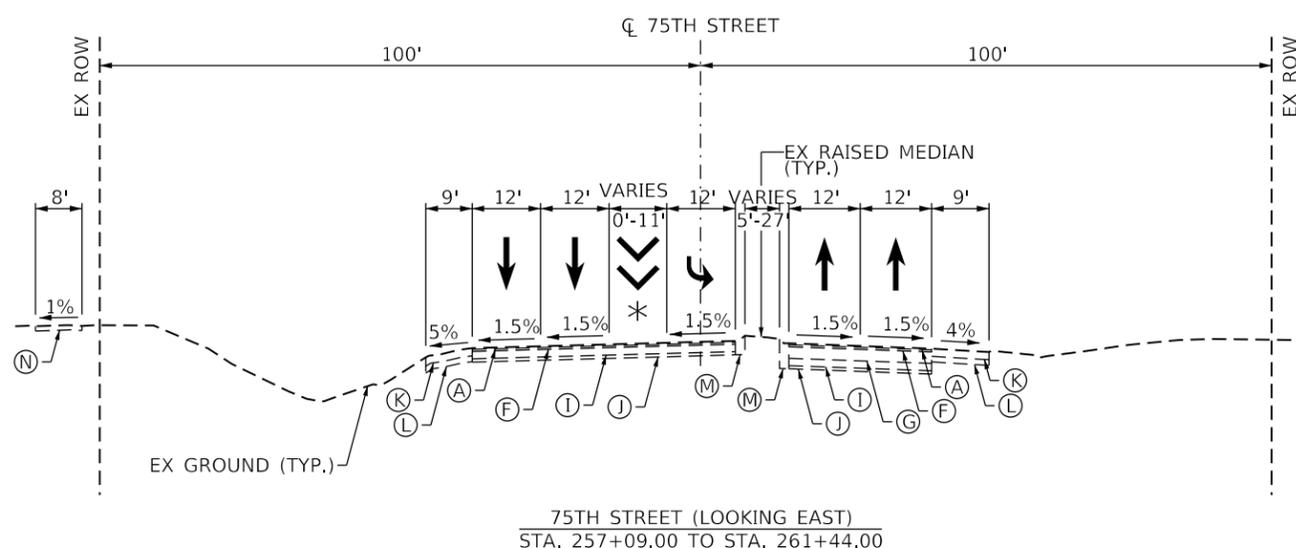


EXISTING CONDITIONS - 75TH AND OLYMPUS

- (A) 1.5" HOT MIX ASPHALT SURFACE COURSE
- (B) 1.75" HOT MIX ASPHALT SURFACE COURSE
- (C) 2" HOT MIX ASPHALT SURFACE COURSE
- (D) 1.5" HOT MIX ASPHALT BINDER COURSE
- (E) 1.75" HOT MIX ASPHALT BINDER COURSE
- (F) 2" HOT MIX ASPHALT BINDER COURSE
- (G) 14" AND VAR. BITUMINOUS BASE COURSE
- (H) 19.5" AND VAR. BITUMINOUS BASE COURSE
- (I) 9" PCC BASE COURSE
- (J) 4" AND VAR. AGGREGATE/GRANULAR SUB-BASE
- (K) 8" HOT MIX ASPHALT SHOULDER
- (L) 6" AGGREGATE BASE COURSE, TYPE B
- (M) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (N) 5" PCC SIDEWALK
- (O) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18

NOTES

1. NO WORK WILL BE DONE ON THE OLYMPUS DRIVE LEGS. ALL WORK WILL BE DONE AT THE INTERSECTION AND ON 75TH STREET.
2. NO WORK WILL BE DONE ON THE EXISTING SIDEWALK EXCEPT AT THE INTERSECTION OF OLYMPUS DRIVE AND 75TH STREET.



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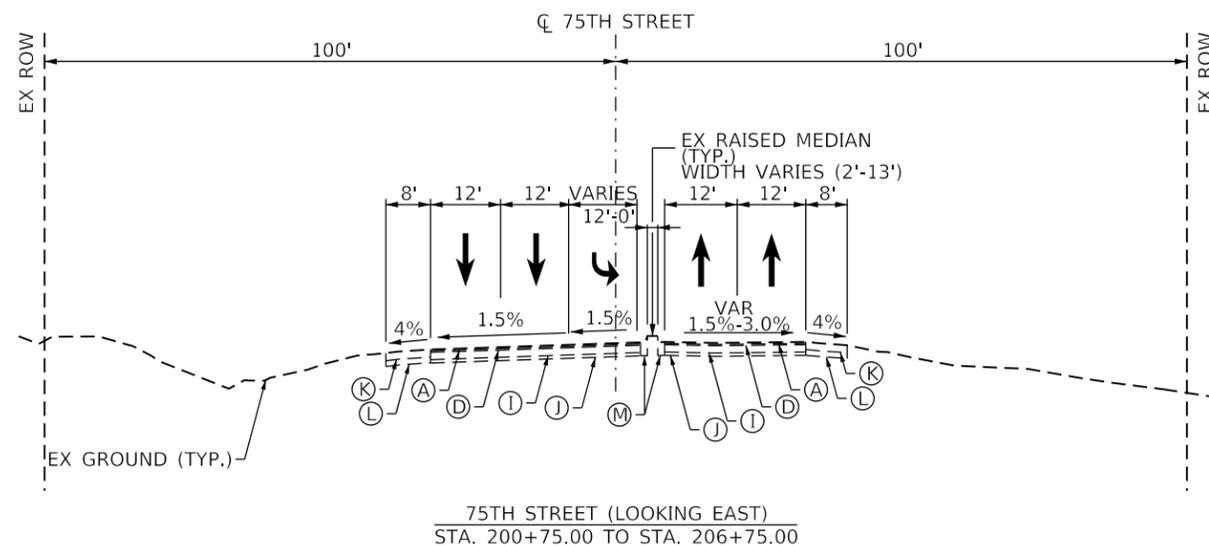
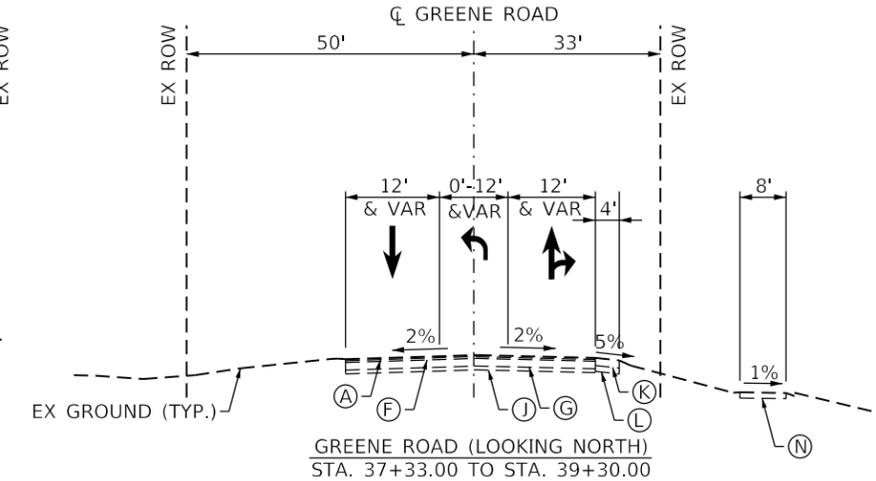
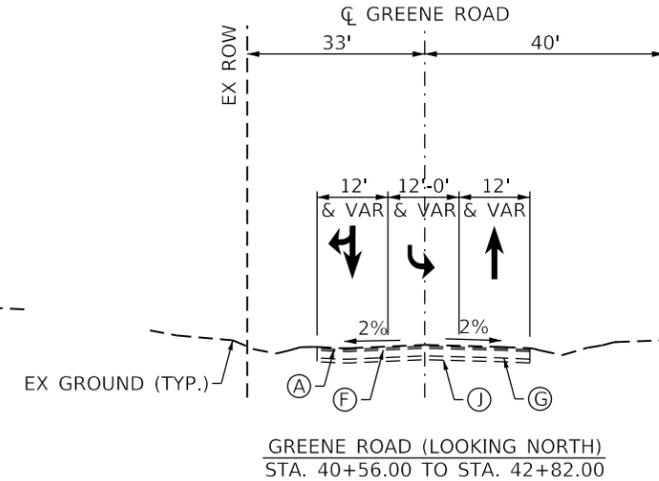
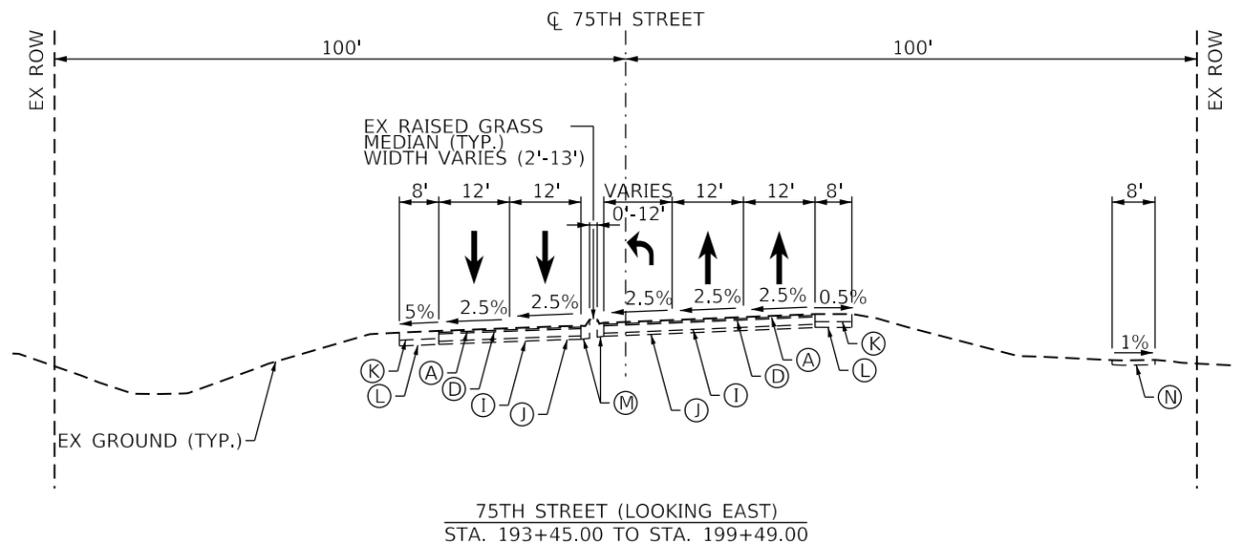
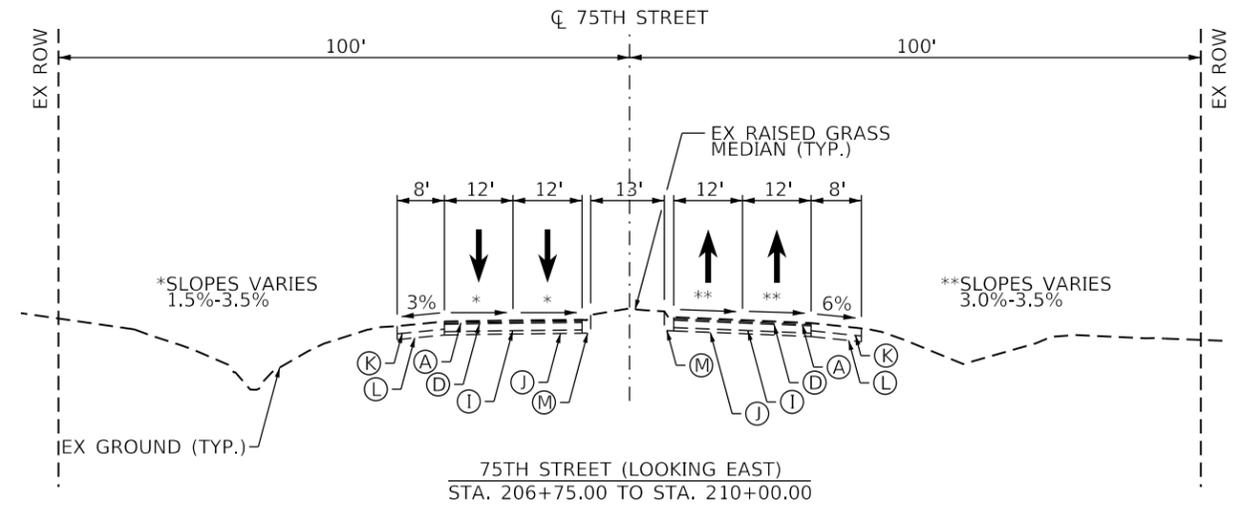
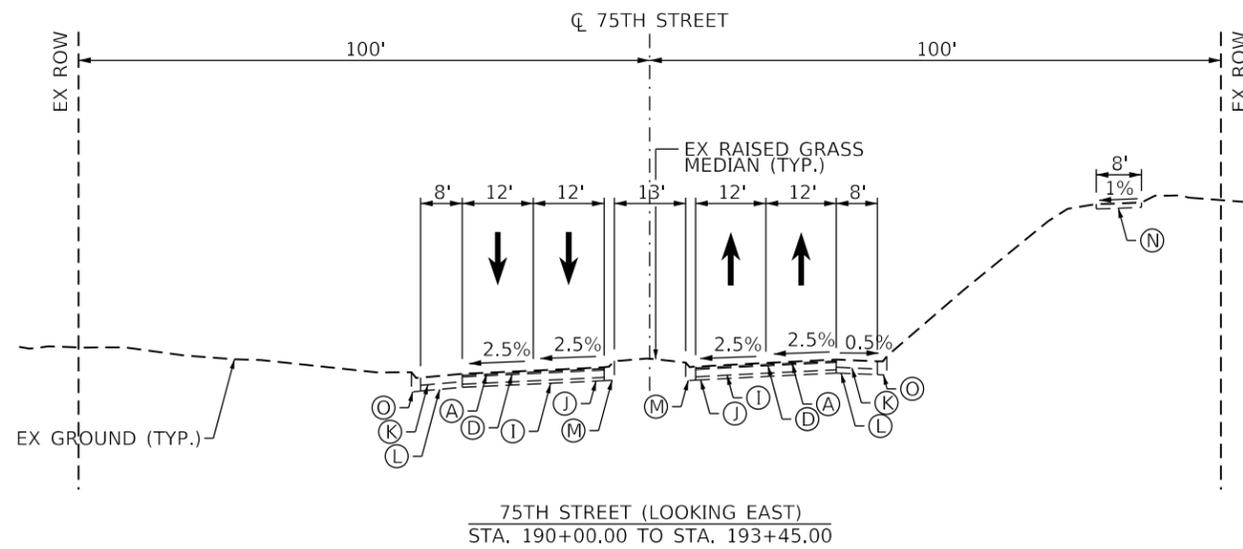


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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS			
75TH STREET AND OLYMPUS DRIVE			
SCALE: NONE	SHEET 3	OF 8 SHEETS	STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	20
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				



EXISTING CONDITIONS - 75TH AND GREENE

- (A) 1.5" HOT MIX ASPHALT SURFACE COURSE
- (B) 1.75" HOT MIX ASPHALT SURFACE COURSE
- (C) 2" HOT MIX ASPHALT SURFACE COURSE
- (D) 1.5" HOT MIX ASPHALT BINDER COURSE
- (E) 1.75" HOT MIX ASPHALT BINDER COURSE
- (F) 2" HOT MIX ASPHALT BINDER COURSE
- (G) 14" AND VAR. BITUMINOUS BASE COURSE
- (H) 19.5" AND VAR. BITUMINOUS BASE COURSE
- (I) 9" PCC BASE COURSE
- (J) 4" AND VAR. AGGREGATE/GRANULAR SUB-BASE
- (K) 8" HOT MIX ASPHALT SHOULDER
- (L) 6" AGGREGATE BASE COURSE, TYPE B
- (M) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (N) 5" PCC SIDEWALK
- (O) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18

NOTES

1. NO WORK WILL BE DONE ON THE GREENE ROAD LEGS. ALL WORK WILL BE DONE AT THE INTERSECTION AND ON 75TH STREET.
2. NO WORK WILL BE DONE ON THE EXISTING SIDEWALK EXCEPT AT THE INTERSECTION OF GREENE ROAD AND 75TH STREET.

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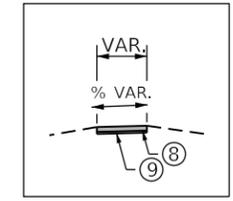
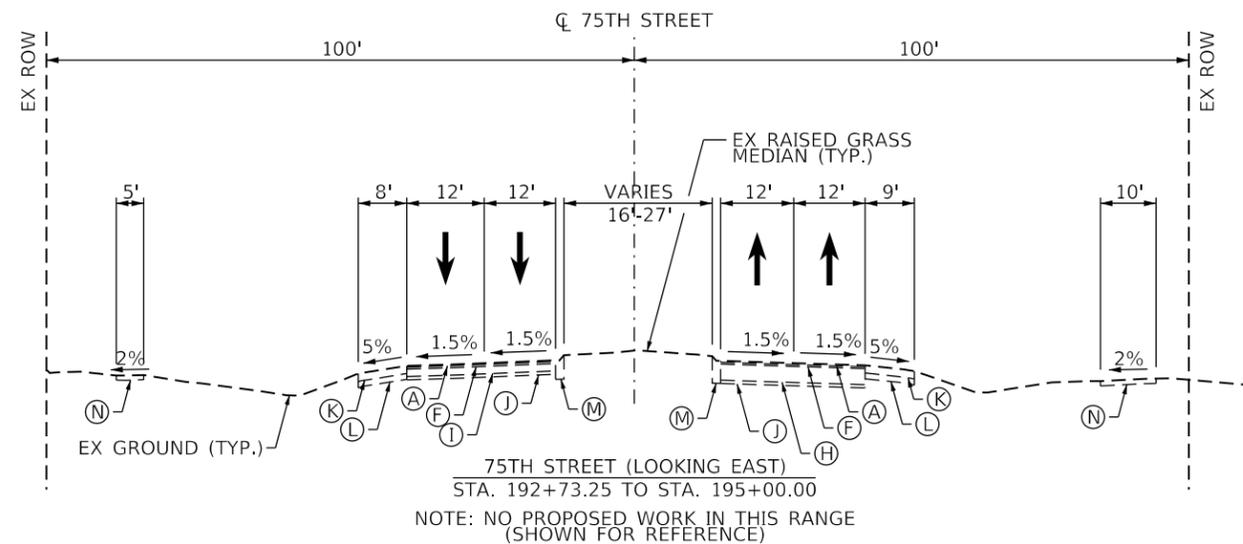
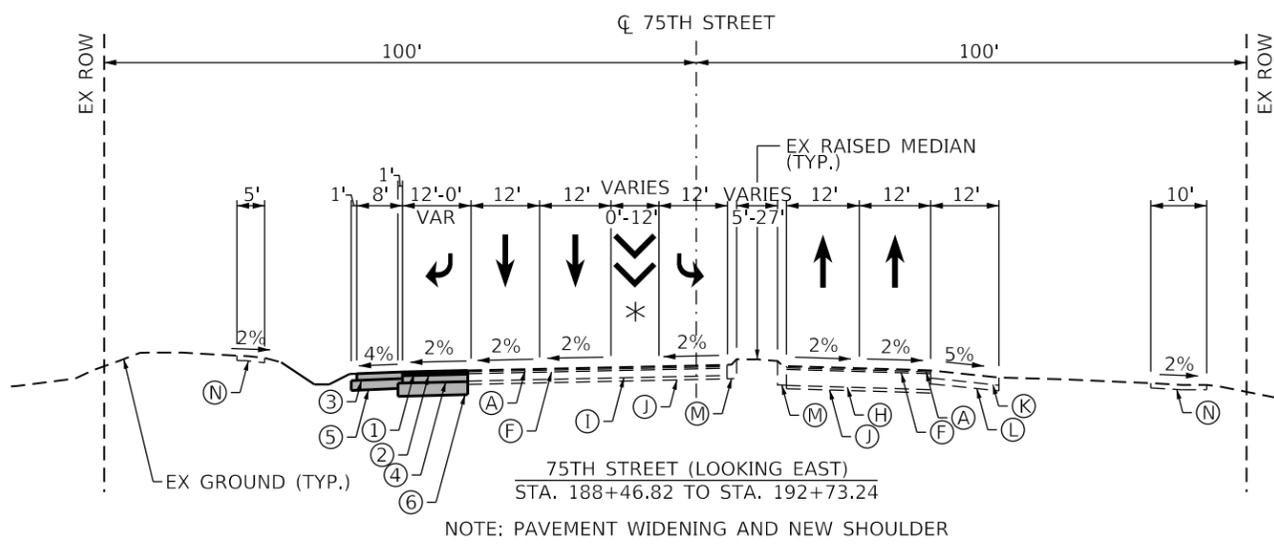
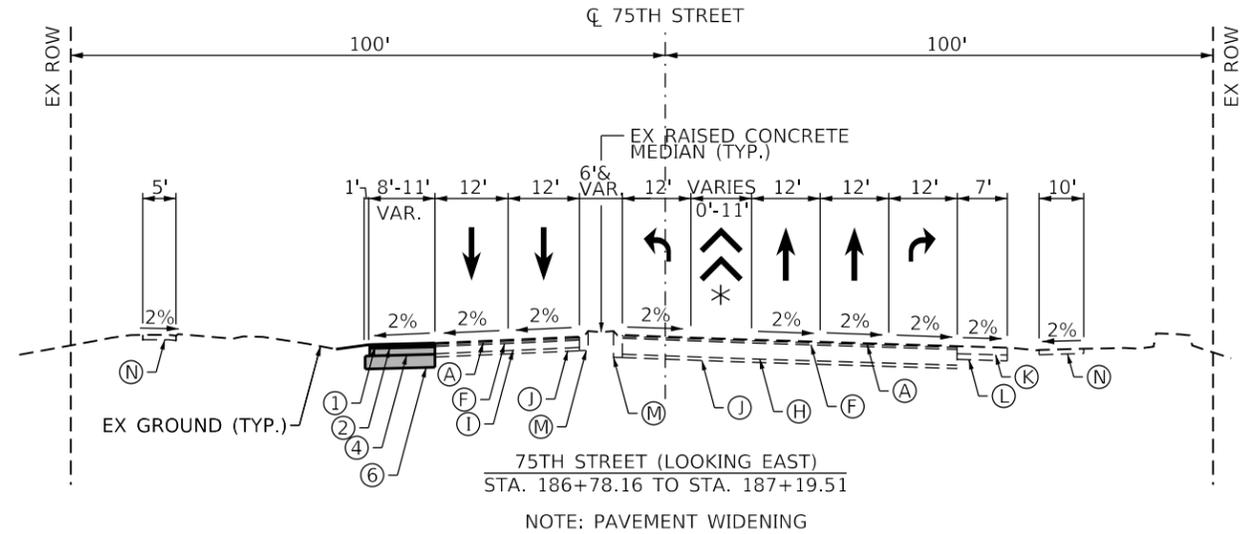
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

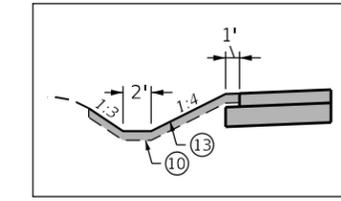
EXISTING TYPICAL SECTIONS
75TH STREET AND GREENE ROAD

SCALE: NONE SHEET 4 OF 8 SHEETS STA. NA TO STA. NA

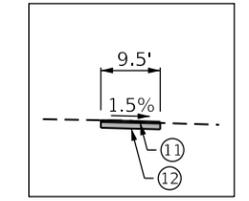
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	21
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				



SIDEWALK DETAIL
SEE PROPOSED PLANS AND ADA RAMP DETAILS FOR LOCATIONS



TYPICAL DITCH GRADING
SEE CROSS SECTIONS FOR LOCATIONS



MULTI-USE PATH DETAIL
SEE PROPOSED PLANS FOR LOCATIONS

EXISTING CONDITIONS - 75TH AND MILLBROOK

- (A) 1.5" HOT MIX ASPHALT SURFACE COURSE
- (B) 1.75" HOT MIX ASPHALT SURFACE COURSE
- (C) 2" HOT MIX ASPHALT SURFACE COURSE
- (D) 1.5" HOT MIX ASPHALT BINDER COURSE
- (E) 1.75" HOT MIX ASPHALT BINDER COURSE
- (F) 2" HOT MIX ASPHALT BINDER COURSE
- (G) 14" AND VAR. BITUMINOUS BASE COURSE
- (H) 19.5" AND VAR. BITUMINOUS BASE COURSE
- (I) 9" PCC BASE COURSE
- (J) 4" AND VAR. AGGREGATE/GRANULAR SUB-BASE
- (K) 8" HOT MIX ASPHALT SHOULDER
- (L) 6" AGGREGATE BASE COURSE, TYPE B
- (M) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (N) 5" PCC SIDEWALK
- (O) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18

PROPOSED CONDITIONS - 75TH AND MILLBROOK

- (1) 1.75" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
- (2) 2.25" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- (3) 8" HOT-MIX ASPHALT SHOULDERS
- (4) 9" PCC BASE COURSE (OR WIDENING FOR WIDTHS < 6 FEET)
- (5) 12" AGGREGATE SUBGRADE IMPROVEMENT
- (6) 16" AGGREGATE SUBGRADE IMPROVEMENT
- (7) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (8) 5" PCC SIDEWALK
- (9) 2" SUBBASE GRANULAR MATERIAL, TYPE B
- (10) 6" TOPSOIL FURNISH AND PLACE
- (11) 2" MULTI-USE PATH
- (12) 6" AGGREGATE BASE COURSE, TYPE B
- (13) SEEDING, CLASS 2A

LEGEND

* = PAINTED STRIPED MEDIAN

NOTES

1. NO WORK WILL BE DONE ON EXISTING SIDEWALK EXCEPT AT THE INTERSECTION OF MILLBROOK DRIVE AND 75TH STREET BETWEEN STA. 187+18 AND STA. 188+43

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS	QMP
ROADWAY WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"	4% @ 70 Gyr	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2.25"	4% @ 70 Gyr	LR 1030-2
HOT-MIX ASPHALT SHOULDER, 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"	4% @ 70 Gyr	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 6.25"	4% @ 90 Gyr	LR 1030-2
HOT-MIX ASPHALT MEDIAN		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2.00"	4% @ 50 Gyr	LR 1030-2
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0); 3.00"	4% @ 50 Gyr	LR 1030-2
MULTI-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2.00"	4% @ 50 Gyr	LR 1030-2
HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"	4% @ 70 Gyr	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90; 4.25"	4% @ 90 Gyr	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

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

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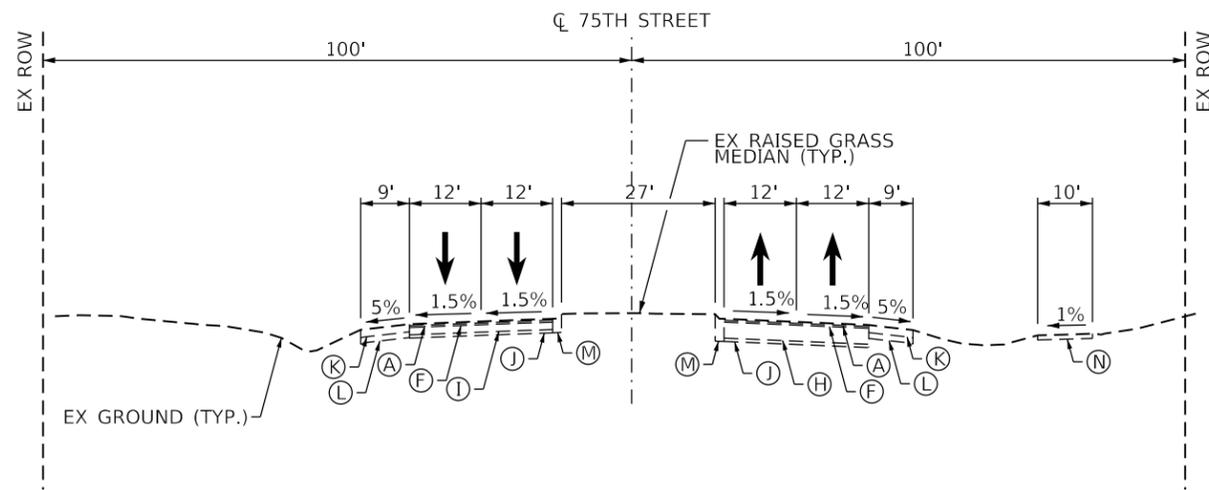


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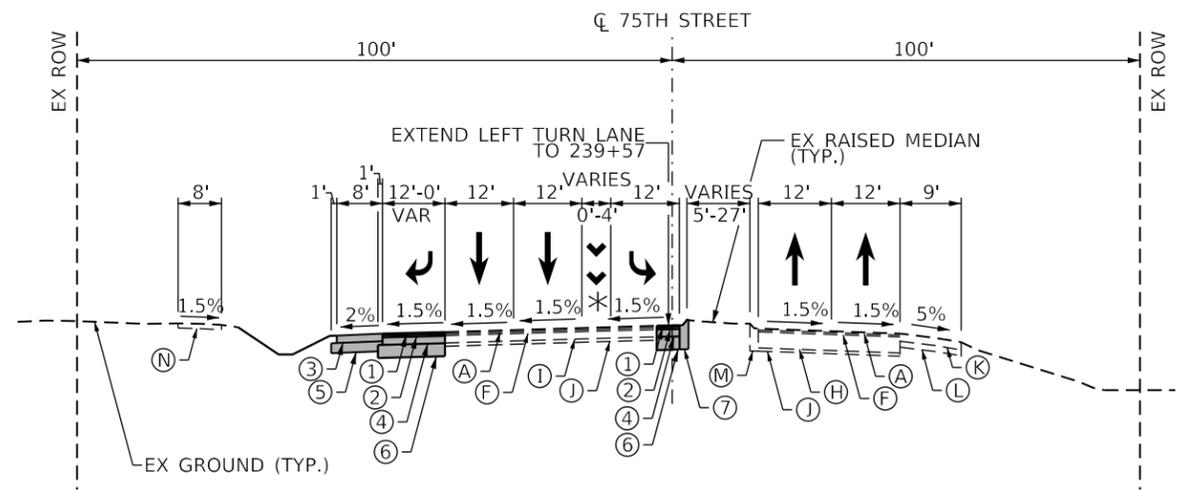
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS			
75TH STREET AND MILLBROOK DRIVE			
SCALE: NONE	SHEET 5	OF 8 SHEETS	STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	22
				CONTRACT NO. 61H29
		ILLINOIS	FED. AID PROJECT	



75TH STREET (LOOKING EAST)
STA. 223+00.00 TO STA. 227+23.55
NOTE: NO PROPOSED WORK IN THIS RANGE (SHOWN FOR REFERENCE)



75TH STREET (LOOKING EAST)
STA. 233+99.48 TO STA. 239+57.44
NOTE: PAVEMENT WIDENING FOR RTL AND EXTENDED LTL

EXISTING CONDITIONS - 75TH AND MODAFF

- (A) 1.5" HOT MIX ASPHALT SURFACE COURSE
- (B) 1.75" HOT MIX ASPHALT SURFACE COURSE
- (C) 2" HOT MIX ASPHALT SURFACE COURSE
- (D) 1.5" HOT MIX ASPHALT BINDER COURSE
- (E) 1.75" HOT MIX ASPHALT BINDER COURSE
- (F) 2" HOT MIX ASPHALT BINDER COURSE
- (G) 14" AND VAR. BITUMINOUS BASE COURSE
- (H) 19.5" AND VAR. BITUMINOUS BASE COURSE
- (I) 9" PCC BASE COURSE
- (J) 4" AND VAR. AGGREGATE/GRANULAR SUB-BASE
- (K) 8" HOT MIX ASPHALT SHOULDER
- (L) 6" AGGREGATE BASE COURSE, TYPE B
- (M) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (N) 5" PCC SIDEWALK
- (O) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18

LEGEND

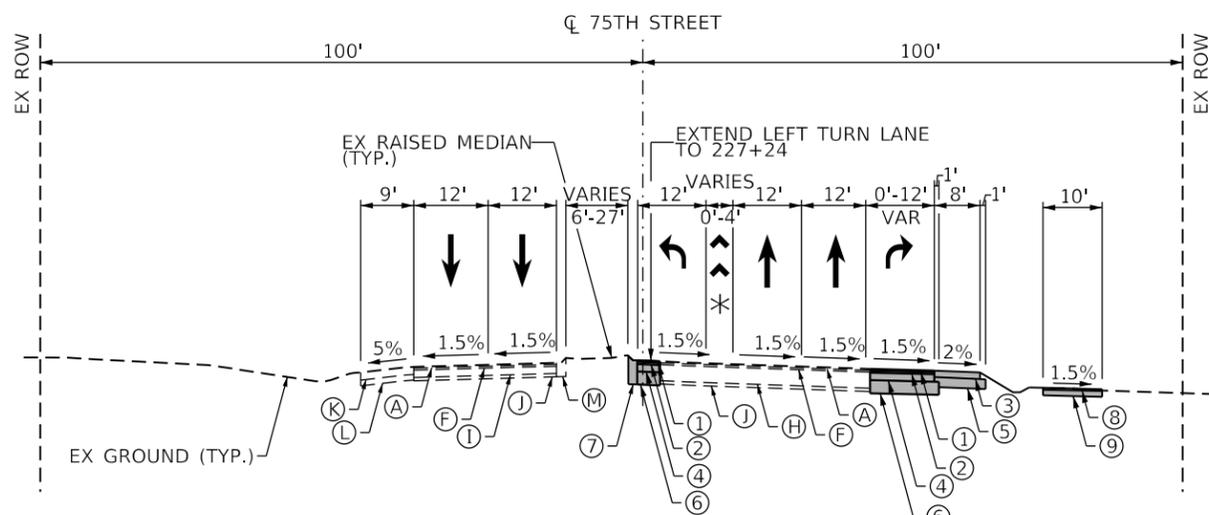
* = PAINTED STRIPED MEDIAN

NOTES

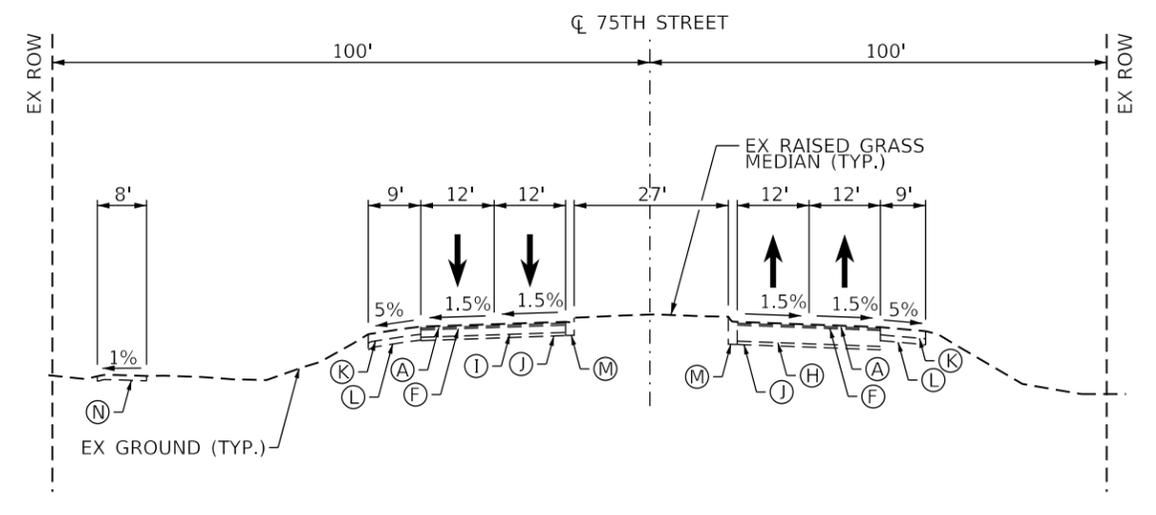
1. NO WORK WILL BE DONE ON EXISTING SIDEWALK EXCEPT AT THE INTERSECTION OF MODAFF ROAD AND 75TH STREET BETWEEN STA. 232+71 AND STA. 233+91.

PROPOSED CONDITIONS - 75TH AND MODAFF

- (1) 1.75" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70
- (2) 2.25" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- (3) 8" HOT-MIX ASPHALT SHOULDERS
- (4) 9" PCC BASE COURSE
- (5) 12" AGGREGATE SUBGRADE IMPROVEMENT
- (6) 16" AGGREGATE SUBGRADE IMPROVEMENT
- (7) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (8) 2" MULTI-USE PATH
- (9) 6" AGGREGATE BASE COURSE, TYPE B



75TH STREET (LOOKING EAST)
STA. 227+23.55 TO STA. 232+55.13
NOTE: PAVEMENT WIDENING FOR RTL AND EXTENDED LTL



75TH STREET (LOOKING EAST)
STA. 239+57.44 TO STA. 243+00.00
NOTE: NO PROPOSED WORK IN THIS RANGE (SHOWN FOR REFERENCE)

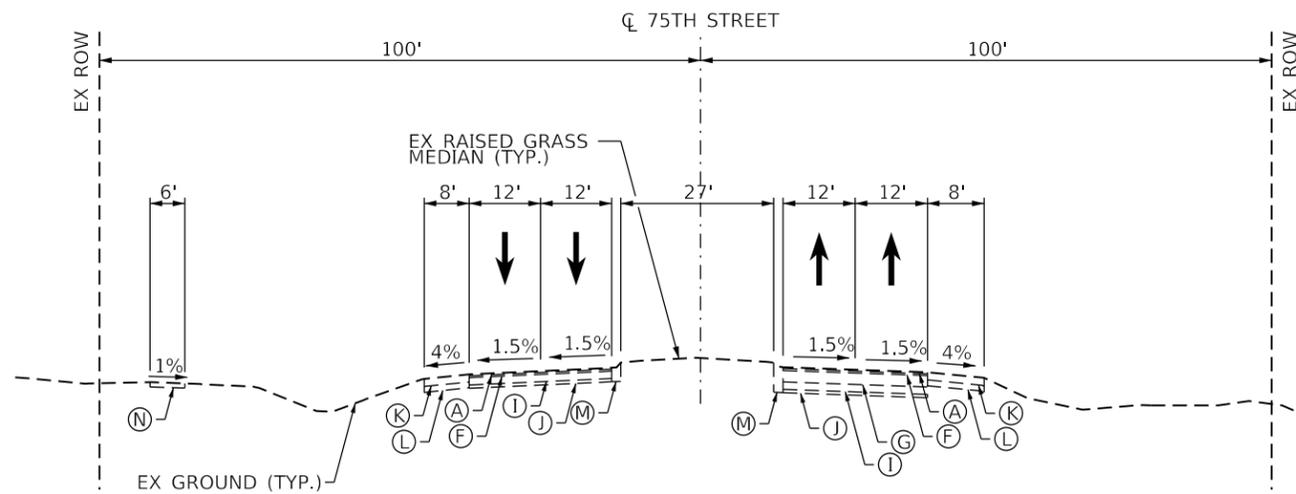
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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75TH STREET AND MODAFF ROAD		0369	18-00233-04-5P	DUPAGE	215	23
SCALE: NONE		SHEET 6 OF 8 SHEETS		STA. NA TO STA. NA		CONTRACT NO. 61H29
ILLINOIS FED. AID PROJECT						



75TH STREET (LOOKING EAST)
STA. 246+00.00 TO STA. 251+43.27
NOTE: NO PROPOSED WORK IN THIS RANGE
(SHOWN FOR REFERENCE)

EXISTING CONDITIONS - 75TH AND OLYMPUS

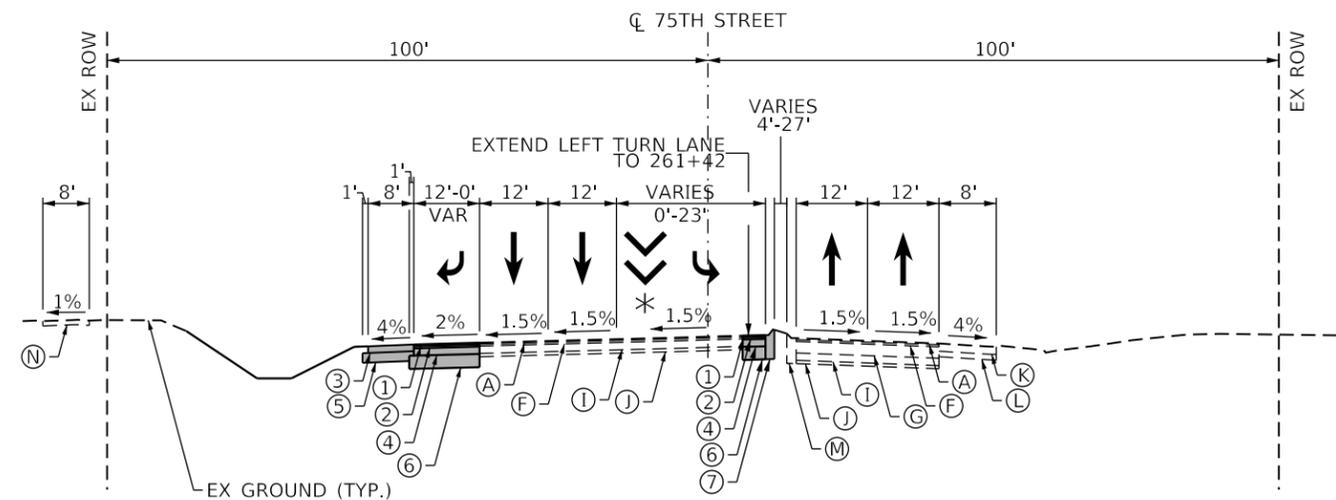
- (A) 1.5" HOT MIX ASPHALT SURFACE COURSE
- (B) 1.75" HOT MIX ASPHALT SURFACE COURSE
- (C) 2" HOT MIX ASPHALT SURFACE COURSE
- (D) 1.5" HOT MIX ASPHALT BINDER COURSE
- (E) 1.75" HOT MIX ASPHALT BINDER COURSE
- (F) 2" HOT MIX ASPHALT BINDER COURSE
- (G) 14" AND VAR. BITUMINOUS BASE COURSE
- (H) 19.5" AND VAR. BITUMINOUS BASE COURSE
- (I) 9" PCC BASE COURSE
- (J) 4" AND VAR. AGGREGATE/GRANULAR SUB-BASE
- (K) 8" HOT MIX ASPHALT SHOULDER
- (L) 6" AGGREGATE BASE COURSE, TYPE B
- (M) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (N) 5" PCC SIDEWALK
- (O) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18

LEGEND

* = PAINTED STRIPED MEDIAN

NOTES

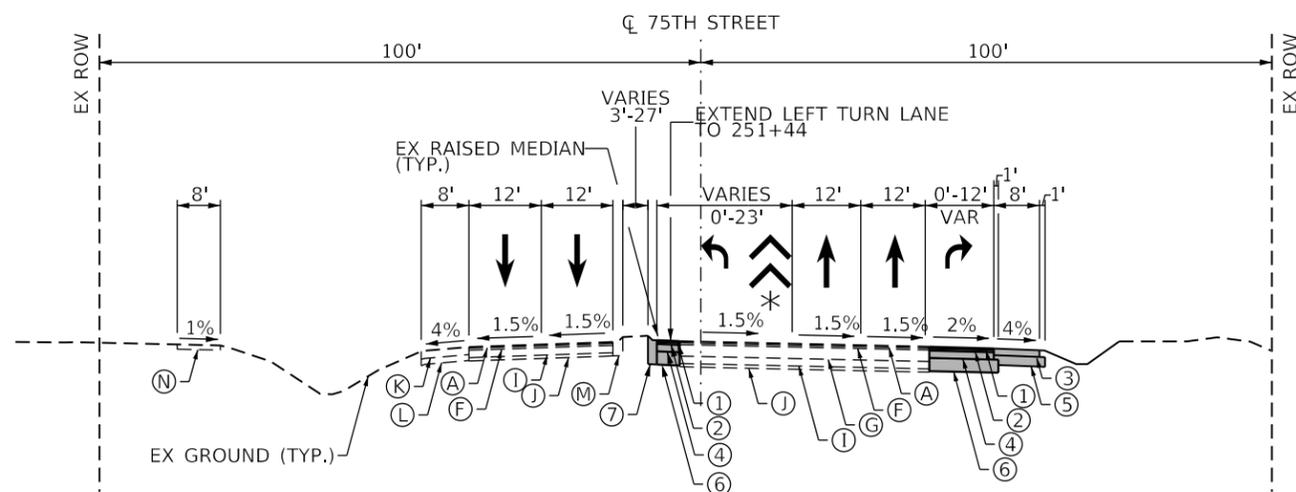
1. NO WORK WILL BE DONE ON EXISTING SIDEWALK EXCEPT AT THE INTERSECTION OF OLYMPUS DRIVE AND 75TH STREET BETWEEN STA. 255+94 AND STA. 256+92



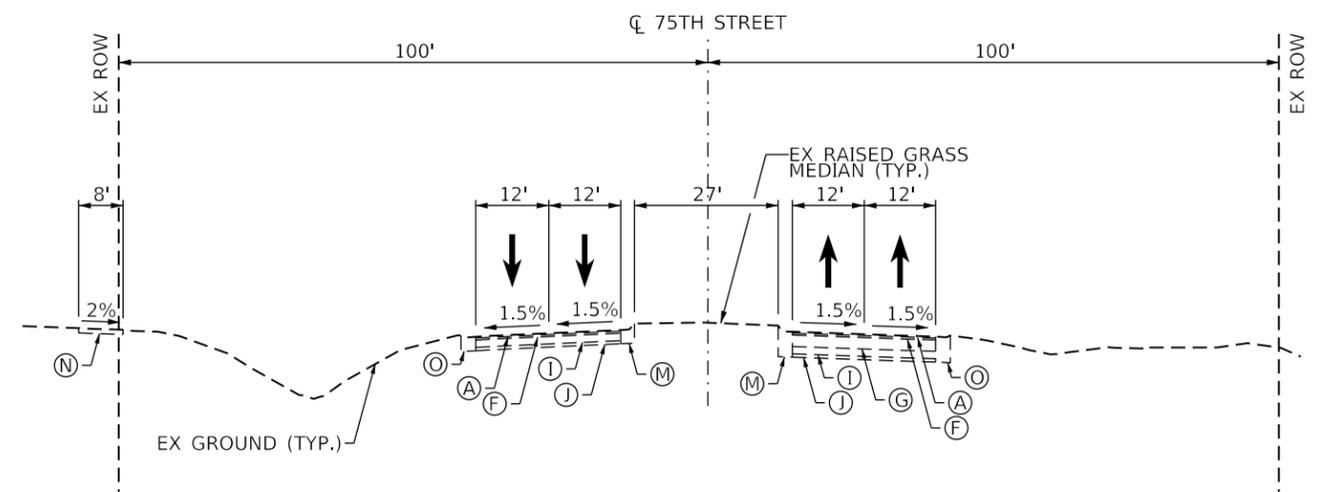
75TH STREET (LOOKING EAST)
STA. 257+09.00 TO STA. 261+43.94
NOTE: PAVEMENT WIDENING FOR RTL AND EXTENDED LTL

PROPOSED CONDITIONS - 75TH AND OLYMPUS

- (1) 1.75" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70
- (2) 2.25" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- (3) 8" HOT-MIX ASPHALT SHOULDERS
- (4) 9" PCC BASE COURSE
- (5) 12" AGGREGATE SUBGRADE IMPROVEMENT
- (6) 16" AGGREGATE SUBGRADE IMPROVEMENT
- (7) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12



75TH STREET (LOOKING EAST)
STA. 251+43.27 TO STA. 255+72.63
NOTE: PAVEMENT WIDENING FOR RTL AND EXTENDED LTL



75TH STREET (LOOKING EAST)
STA. 261+43.94 TO STA. 266+00.00
NOTE: NO PROPOSED WORK IN THIS RANGE
(SHOWN FOR REFERENCE)

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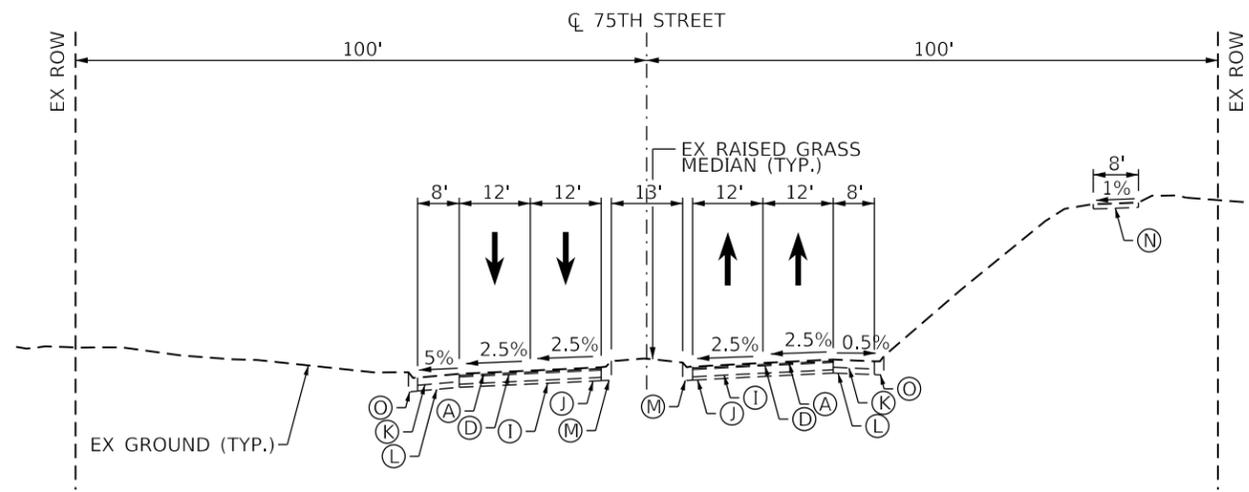


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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS 75TH STREET AND OLYMPUS DRIVE			
SCALE: NONE	SHEET 7	OF 8 SHEETS	STA. NA TO STA. NA

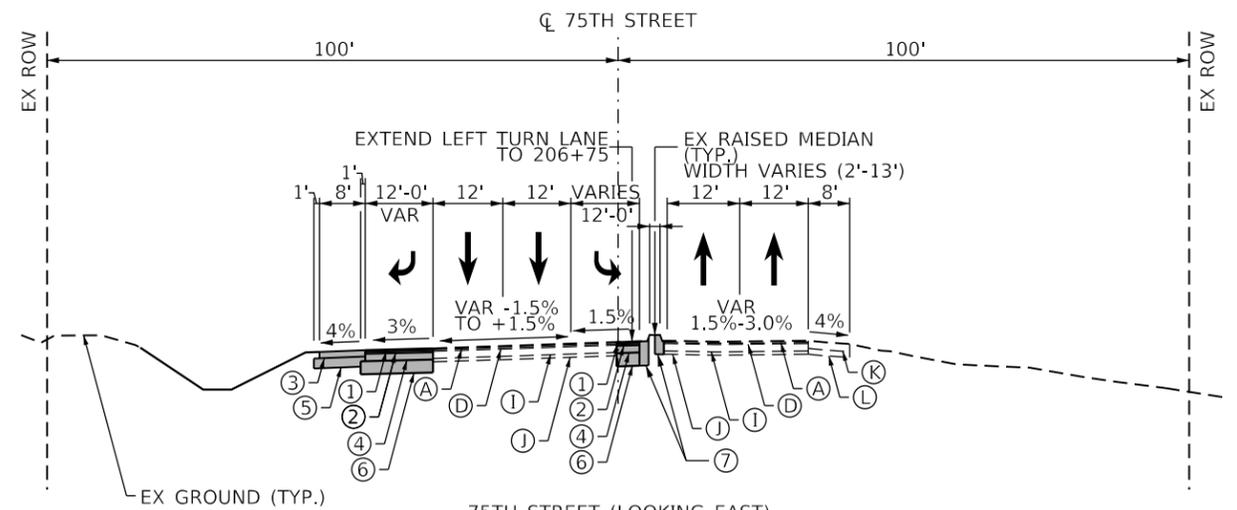
F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	



75TH STREET (LOOKING EAST)
 STA. 190+00.00 TO STA. 193+14.94
 NOTE: NO PROPOSED WORK IN THIS RANGE
 (SHOWN FOR REFERENCE)

EXISTING CONDITIONS - 75TH AND GREENE

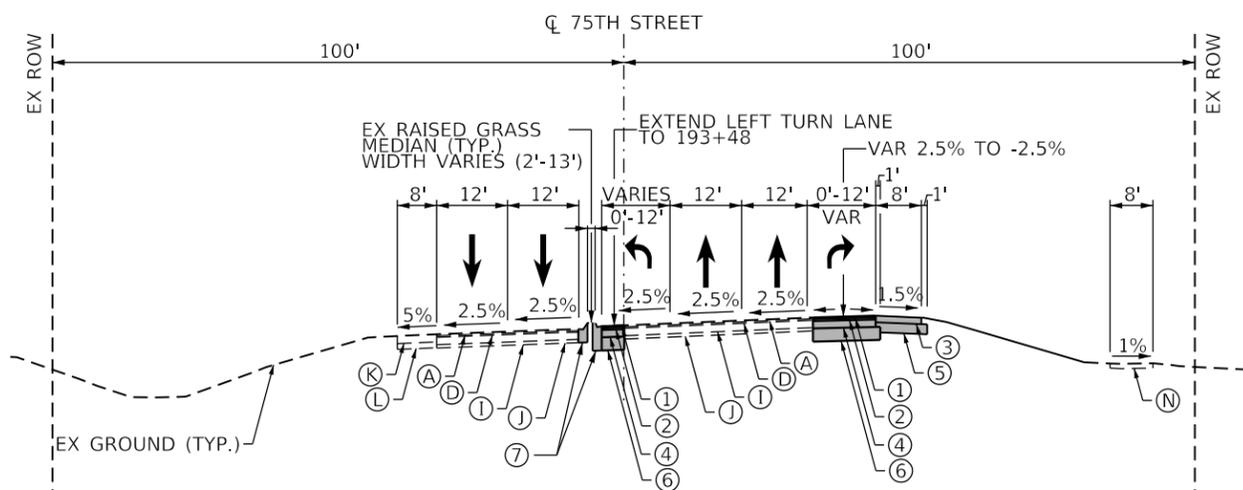
- (A) 1.5" HOT MIX ASPHALT SURFACE COURSE
- (B) 1.75" HOT MIX ASPHALT SURFACE COURSE
- (C) 2" HOT MIX ASPHALT SURFACE COURSE
- (D) 1.5" HOT MIX ASPHALT BINDER COURSE
- (E) 1.75" HOT MIX ASPHALT BINDER COURSE
- (F) 2" HOT MIX ASPHALT BINDER COURSE
- (G) 14" AND VAR. BITUMINOUS BASE COURSE
- (H) 19.5" AND VAR. BITUMINOUS BASE COURSE
- (I) 9" PCC BASE COURSE
- (J) 4" AND VAR. AGGREGATE/GRANULAR SUB-BASE
- (K) 8" HOT MIX ASPHALT SHOULDER
- (L) 6" AGGREGATE BASE COURSE, TYPE B
- (M) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (N) 5" PCC SIDEWALK
- (O) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18



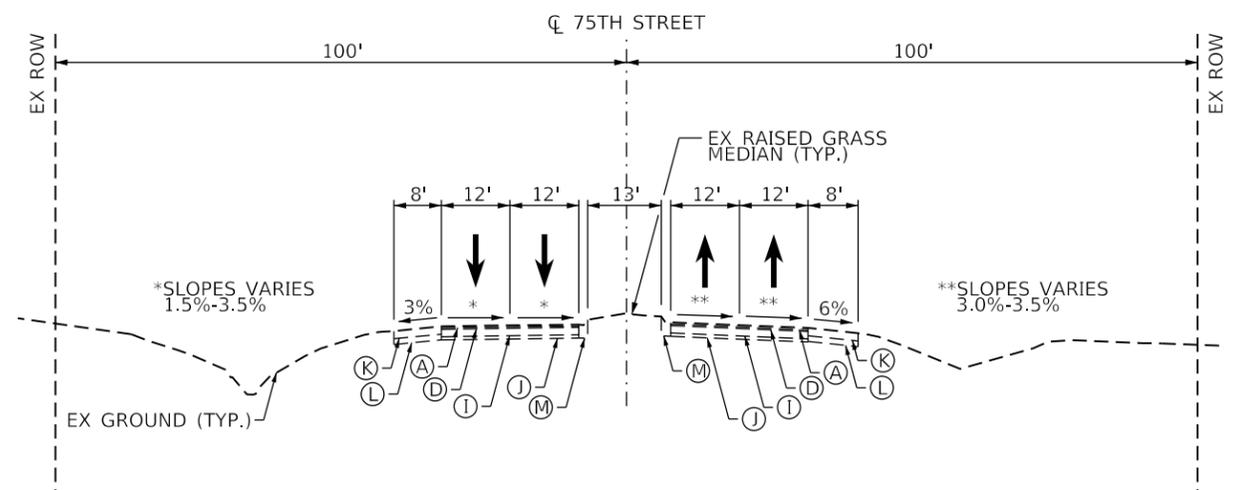
75TH STREET (LOOKING EAST)
 STA. 200+75.00 TO STA. 206+55.13
 NOTE: PAVEMENT WIDENING FOR RTL AND EXTENDED LTL

PROPOSED CONDITIONS - 75TH AND GREENE

- (1) 1.75" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70
- (2) 2.25" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- (3) 8" HOT-MIX ASPHALT SHOULDERS
- (4) 9" PCC BASE COURSE
- (5) 12" AGGREGATE SUBGRADE IMPROVEMENT
- (6) 16" AGGREGATE SUBGRADE IMPROVEMENT
- (7) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12



75TH STREET (LOOKING EAST)
 STA. 193+14.94 TO STA. 199+45.12
 NOTE: PAVEMENT WIDENING FOR RTL AND EXTENDED LTL



75TH STREET (LOOKING EAST)
 STA. 206+55.13 TO STA. 210+00.00
 NOTE: NO PROPOSED WORK IN THIS RANGE
 (SHOWN FOR REFERENCE)

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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS			
75TH STREET AND GREENE ROAD			
SCALE: NONE	SHEET 8	OF 8 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	

STAGE 1 EARTHWORK SCHEDULE

1	2	3	4	5	6	7	8	9	10	11
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	EARTH EXCAVATION 2	EARTH EXCAVATION 2 REQUIRED FOR EMBANKMENT (ACCOUNTING FOR SHRINKAGE)	EARTH EXCAVATION 2 TO BE DISPOSED OF AS NON-SPECIAL WASTE	EARTH EXCAVATION 3/ NON-SPECIAL WASTE	TOTAL NON-SPECIAL WASTE DISPOSAL	UNSUITABLE MATERIAL (TOPSOIL)
	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
75TH STREET AT MILLBROOK DRIVE STAGE 1	304	258	39	+219	574	0	574	0	574	132
MILLBROOK SUBTOTAL	304	258	39	+219	574	0	574	0	574	132
75TH STREET AT MODAFF ROAD STAGE 1 (RIGHT)	394	335	76	+259	0	0	0	478	478	158
75TH STREET AT MODAFF ROAD STAGE 1 (LEFT)	359	305	163	+142	0	0	0	383	383	154
MODAFF SUBTOTAL	753	640	239	+401	0	0	0	861	861	312
75TH STREET AT OLYMPUS DRIVE STAGE 1 (RIGHT)	198	168	62	+106	480	0	480	0	480	146
75th STREET AT OLYMPUS DRIVE STAGE 1 (LEFT)	274	233	470	-237	1058	279	779	0	779	338
OLYMPUS SUBTOTAL	472	401	532	-131	1538	279	1259	0	1259	484
75TH STREET AT GREENE ROAD STAGE 1 (RIGHT)	261	222	221	+1	314	0	314	0	314	176
75th STREET AT GREENE ROAD STAGE 1 (LEFT)	228	194	94	+100	0	0	0	889	889	233
GREENE SUBTOTAL	489	416	315	+101	314	0	314	889	1203	409
STAGE 1 TOTAL	2018	1715	1125	+590	2426	279	2147	1750	3897	1337

STAGE 2 EARTHWORK SCHEDULE

1	2	3	4	5	6	7	8	9	10	11
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	EARTH EXCAVATION 2	EARTH EXCAVATION 2 REQUIRED FOR EMBANKMENT (ACCOUNTING FOR SHRINKAGE)	EARTH EXCAVATION 2 TO BE DISPOSED OF AS NON-SPECIAL WASTE	EARTH EXCAVATION 3/ NON-SPECIAL WASTE	TOTAL NON-SPECIAL WASTE DISPOSAL	UNSUITABLE MATERIAL (TOPSOIL)
	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
75TH STREET AT MILLBROOK DRIVE STAGE 2	0	0	0	0	0	0	0	0	0	0
75TH STREET AT MODAFF ROAD STAGE 2	980	833	33	+800	0	0	0	0	0	96
75TH STREET AT OLYMPUS DRIVE STAGE 2	589	501	1	+500	0	0	0	0	0	48
75TH STREET AT GREENE ROAD STAGE 2	657	558	1	+557	0	0	0	0	0	69
STAGE 2 TOTAL	2226	1892	35	1857	0	0	0	0	0	213

SHRINKAGE FACTOR = 15%

- COLUMN 1 - LOCATION FROM PLANS.
- COLUMN 2 - CUT QUANTITIES FROM CROSS SECTIONS, THESE QUANTITIES DO NOT INCLUDE VOLUMES FROM COLUMNS 6, 9 OR 11.
- COLUMN 3 - EARTH EXCAVATION QUANTITIES THAT ARE TO BE USED AS FILL MATERIAL IN EMBANKMENT. SHRINKAGE FACTOR HAS BEEN APPLIED TO THESE VOLUMES.
- COLUMN 4 - FILL QUANTITIES FROM CROSS SECTIONS.
- COLUMN 5 - OFF-SITE MATERIAL NEEDED OR MATERIAL TO WASTE. (3-4)
- COLUMN 6 - CUT QUANTITIES FROM CROSS SECTIONS, SEE PSI RECOMMENDATIONS, THESE QUANTITIES DO NOT INCLUDE VOLUMES FROM COLUMNS 2, 9 OR 11.
- COLUMN 7 - EARTH EXCAVATION 2 QUANTITIES REQUIRED AS FILL MATERIAL IN EMBANKMENT. SHRINKAGE FACTOR HAS BEEN APPLIED TO THESE VOLUMES.
- COLUMN 8 - REMAINDER OF EARTH EXCAVATION 2 QUANTITY TO BE DISPOSED OF AS NON-SPECIAL WASTE (6-7)
- COLUMN 9 - CUT QUANTITIES FROM CROSS SECTIONS, SEE PSI RECOMMENDATIONS, THESE QUANTITIES DO NOT INCLUDE VOLUMES FROM COLUMNS 2, 6 OR 11.
- COLUMN 10 - TOTAL QUANTITY TO BE DISPOSED OF AS NON-SPECIAL WASTE (8+9)
- COLUMN 11 - QUANTITIES FROM CROSS SECTIONS. THESE QUANTITIES DO NOT INCLUDE VOLUMES FROM COLUMNS 2, 6 OR 9.

PRELIMINARY SITE INVESTIGATION (PSI) SOIL MANAGEMENT RECOMMENDATIONS:
 EARTH EXCAVATION 2 - CAN BE REUSED ON SITE, IF SUITABLE,
 OTHERWISE DISPOSED OF AS NON-SPECIAL WASTE
 75TH STREET AT MILLBROOK DRIVE STA. 188+00 TO 191+50 (LT)
 75TH STREET AT MODAFF ROAD STA. 233+50 TO 236+50 (LT)
 75TH STREET AT OLYMPUS DRIVE STA. 256+50 TO 261+00 (LT)
 75TH STREET AT OLYMPUS DRIVE STA. 252+50 TO 256+50 (RT)
 75TH STREET AT GREENE ROAD STA. 196+00 TO 200+00 (RT)

EARTH EXCAVATION 3/NON-SPECIAL WASTE - DISPOSE OF AS NON-SPECIAL WASTE
 75TH STREET AT MODAFF ROAD STA. 230+00 TO 234+00 (RT)
 75TH STREET AT GREENE ROAD STA. 200+50 TO 205+50 (LT)

ALL OFFSETS FOR STATION RANGES EXTEND FROM BACK OF CURB/EDGE OF SHOULDER TO R.O.W.

PAY ITEMS	STAGE 1	STAGE 2	TOTAL
	CUBIC YARD	CUBIC YARD	CUBIC YARD
20200100 - EARTH EXCAVATION	6194	2226	8420
20201200 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	1337	213	1550
66900200 - NON-SPECIAL WASTE DISPOSAL	3897	0	3897

PRELIMINARY SITE INVESTIGATION REPORT
 PREPARED BY GSG CONSULTANTS, INC.
 DATED MARCH 2021

MODEL: Default
 FILE NAME: WES00 Drawing502 CADD Sheets\005656-sh-chedu01.dgn



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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 1 OF 5 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	26
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				

PROPOSED ROADWAY SCHEDULE

1		2	3	4	5	6	7	8	9	10	11
		AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE SUBGRADE IMPROVEMENT 16"	SUBBASE GRANULAR MATERIAL, TYPE B 2"	AGGREGATE BASE COURSE, TYPE B 6"	PORTLAND CEMENT CONCRETE BASE COURSE 9"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	HOT-MIX ASPHALT BASE COURSE, 3"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
		ITEM #30300112	ITEM #30300116	ITEM #31101180	ITEM #35101800	ITEM #35300400	ITEM #35400400	ITEM #35501290	ITEM #40600275	ITEM #40600290	ITEM #40603085
INTERSECTION	STATION RANGE	SQUARE YARD	SQUARE YARD	SQUARE YARD	SQUARE YARD	SQUARE YARD	SQUARE YARD	SQUARE YARD	POUND	POUND	TON
75TH ST AT MILLBROOK DR	STA 186+78.16 TO STA 190+00	137	353	48	-	310	23	-	307	286	42
75TH ST AT MILLBROOK DR	STA 190+00 TO STA 192+73.17	245	217	-	-	174	43	-	550	257	27
75TH ST AT MODAFF RD	STA 227+23.51 TO STA 231+00	251	541	-	-	318	116	-	565	405	54
75TH ST AT MODAFF RD	STA 231+00 TO STA 236+00	294	1106	123	109	767	80	-	905	705	106
75TH ST AT MODAFF RD	STA 236+00 TO STA 239+57.41	205	528	-	-	326	100	-	462	380	53
75TH ST AT OLYMPUS DR	251+43.22 TO STA 254+00	219	335	-	-	146	116	-	493	275	33
75TH ST AT OLYMPUS DR	STA 254+00 TO STA 259+00	299	1220	155	-	787	145	11	671	763	117
75TH ST AT OLYMPUS DR	STA 259+00 TO STA 261+43	210	310	-	-	148	90	-	472	255	30
75TH ST AT GREENE RD	STA 193+14.94 TO STA 197+00	272	617	29	-	348	122	29	611	440	59
75TH ST AT GREENE RD	STA 197+00 TO STA 202+00	257	1115	185	-	726	94	47	576	669	103
75TH ST AT GREENE RD	STA 202+00 TO STA 206+53.64	276	618	40	-	235	197	40	621	417	54

PROPOSED ROADWAY SCHEDULE

12		13	14	15	16	17	18	19	20	21	22
		HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	HOT-MIX ASPHALT SHOULDERS, 8"	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	CONCRETE MEDIAN, TYPE SB-6.12	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL
		ITEM #40604060	ITEM #40605026	ITEM #42400200	ITEM #42400800	ITEM #48203029	ITEM #60603800	ITEM #60619600	ITEM #63000001	ITEM #63100169	ITEM #Z0005216
INTERSECTION	STATION RANGE	TON	TON	SQUARE FOOT	SQUARE FOOT	SQUARE YARD	FOOT	SQUARE FOOT	FOOT	EACH	SQUARE YARD
75TH ST AT MILLBROOK DR	STA 186+78.16 TO STA 190+00	-	32	420	59	137	77	-	-	-	-
75TH ST AT MILLBROOK DR	STA 190+00 TO STA 192+73.17	-	21	-	-	245	-	-	-	-	-
75TH ST AT MODAFF RD	STA 227+23.51 TO STA 231+00	-	42	-	-	251	378	-	-	-	-
75TH ST AT MODAFF RD	STA 231+00 TO STA 236+00	12	82	1106	178	294	828	123	37.5	1	57
75TH ST AT MODAFF RD	STA 236+00 TO STA 239+57.41	-	41	-	-	205	358	-	-	-	-
75TH ST AT OLYMPUS DR	251+43.22 TO STA 254+00	-	25	-	-	219	257	-	-	-	-
75TH ST AT OLYMPUS DR	STA 254+00 TO STA 259+00	1	91	1278	160	299	955	64	37.5	1	45
75TH ST AT OLYMPUS DR	STA 259+00 TO STA 261+43	-	23	-	-	210	249	-	-	-	-
75TH ST AT GREENE RD	STA 193+14.94 TO STA 197+00	3	46	-	-	272	548	-	-	-	-
75TH ST AT GREENE RD	STA 197+00 TO STA 202+00	4	80	1163	144	257	1147	45	-	-	-
75TH ST AT GREENE RD	STA 202+00 TO STA 206+53.64	4	42	-	-	276	753	-	-	-	-

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	DRAWN - KDB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 11/3/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

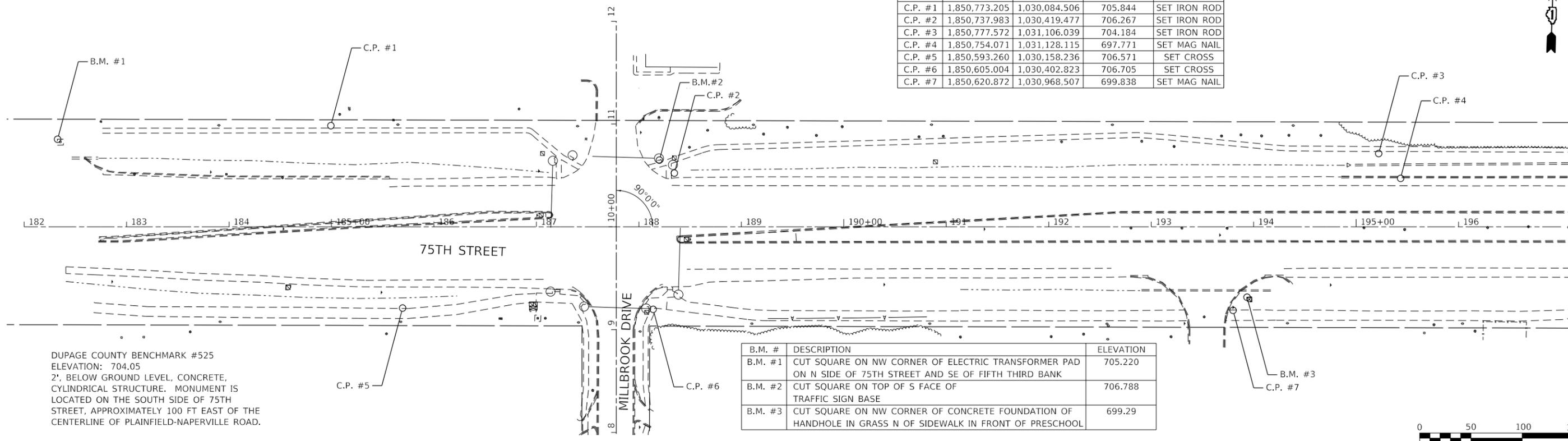
SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 3 OF 5 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	28
CONTRACT NO. 61H29			ILLINOIS FED. AID PROJECT	



C.P. #	NORTHING	EASTING	ELEVATION	DESCRIPTION
C.P. #1	1,850,773.205	1,030,084.506	705.844	SET IRON ROD
C.P. #2	1,850,737.983	1,030,419.477	706.267	SET IRON ROD
C.P. #3	1,850,777.572	1,031,106.039	704.184	SET IRON ROD
C.P. #4	1,850,754.071	1,031,128.115	697.771	SET MAG NAIL
C.P. #5	1,850,593.260	1,030,158.236	706.571	SET CROSS
C.P. #6	1,850,605.004	1,030,402.823	706.705	SET CROSS
C.P. #7	1,850,620.872	1,030,968.507	699.838	SET MAG NAIL

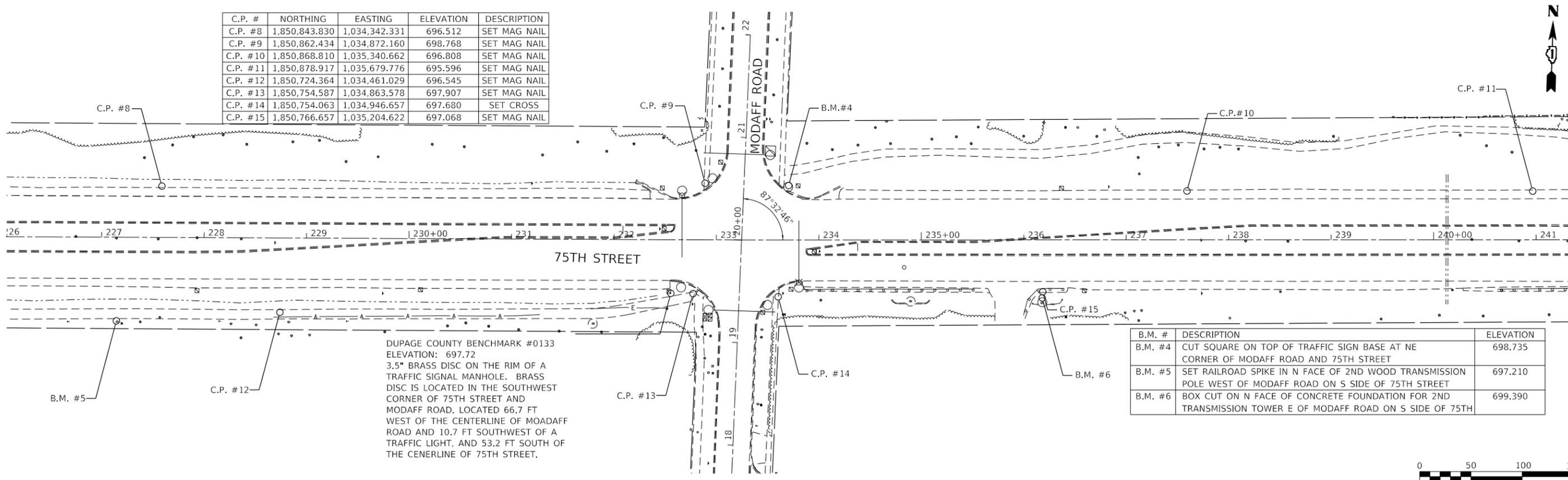


DUPAGE COUNTY BENCHMARK #525
 ELEVATION: 704.05
 2" BELOW GROUND LEVEL, CONCRETE, CYLINDRICAL STRUCTURE. MONUMENT IS LOCATED ON THE SOUTH SIDE OF 75TH STREET, APPROXIMATELY 100 FT EAST OF THE CENTERLINE OF PLAINFIELD-NAPERVILLE ROAD.

B.M. #	DESCRIPTION	ELEVATION
B.M. #1	CUT SQUARE ON NW CORNER OF ELECTRIC TRANSFORMER PAD ON N SIDE OF 75TH STREET AND SE OF FIFTH THIRD BANK	705.220
B.M. #2	CUT SQUARE ON TOP OF S FACE OF TRAFFIC SIGN BASE	706.788
B.M. #3	CUT SQUARE ON NW CORNER OF CONCRETE FOUNDATION OF HANDHOLE IN GRASS N OF SIDEWALK IN FRONT OF PRESCHOOL	699.29



C.P. #	NORTHING	EASTING	ELEVATION	DESCRIPTION
C.P. #8	1,850,843.830	1,034,342.331	696.512	SET MAG NAIL
C.P. #9	1,850,862.434	1,034,872.160	698.768	SET MAG NAIL
C.P. #10	1,850,868.810	1,035,340.662	696.808	SET MAG NAIL
C.P. #11	1,850,878.917	1,035,679.776	695.596	SET MAG NAIL
C.P. #12	1,850,724.364	1,034,461.029	696.545	SET MAG NAIL
C.P. #13	1,850,754.587	1,034,863.578	697.907	SET MAG NAIL
C.P. #14	1,850,754.063	1,034,946.657	697.680	SET CROSS
C.P. #15	1,850,766.657	1,035,204.622	697.068	SET MAG NAIL



DUPAGE COUNTY BENCHMARK #0133
 ELEVATION: 697.72
 3.5" BRASS DISC ON THE RIM OF A TRAFFIC SIGNAL MANHOLE. BRASS DISC IS LOCATED IN THE SOUTHWEST CORNER OF 75TH STREET AND MODAFF ROAD. LOCATED 66.7 FT WEST OF THE CENTERLINE OF MODAFF ROAD AND 10.7 FT SOUTHWEST OF A TRAFFIC LIGHT, AND 53.2 FT SOUTH OF THE CENTERLINE OF 75TH STREET.

B.M. #	DESCRIPTION	ELEVATION
B.M. #4	CUT SQUARE ON TOP OF TRAFFIC SIGN BASE AT NE CORNER OF MODAFF ROAD AND 75TH STREET	698.735
B.M. #5	SET RAILROAD SPIKE IN N FACE OF 2ND WOOD TRANSMISSION POLE WEST OF MODAFF ROAD ON S SIDE OF 75TH STREET	697.210
B.M. #6	BOX CUT ON N FACE OF CONCRETE FOUNDATION FOR 2ND TRANSMISSION TOWER E OF MODAFF ROAD ON S SIDE OF 75TH	699.390



MODEL: Default
 FILE NAME: W8500_Drawing502_CADD_Sheets\040556-sh-ATB01.dgn



USER NAME = kberry	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES & BENCHMARKS			
MILLBROOK DRIVE & MODAFF ROAD			
SCALE: 1" = 50'	SHEET 1	OF 3 SHEETS	STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	31
ILLINOIS			FED. AID PROJECT	

C.P. #	NORTHING	EASTING	ELEVATION	DESCRIPTION
C.P. #16	1,850,945.976	1,036,657.905	691.313	SET IRON ROD
C.P. #17	1,850,962.436	1,037,183.407	691.713	SET MAG NAIL
C.P. #18	1,850,966.122	1,037,268.545	691.810	SET IRON ROD
C.P. #19	1,850,944.750	1,037,673.150	688.255	SET IRON ROD
C.P. #20	1,850,811.402	1,036,630.426	692.344	SET MAG NAIL
C.P. #21	1,850,835.954	1,037,427.093	689.438	SET IRON ROD
C.P. #22	1,850,850.356	1,037,884.805	688.321	SET IRON ROD

B.M. #	DESCRIPTION	ELEVATION
B.M. #7	CUT SQUARE ON SOUTH END OF TRAFFIC SIGN HANDHOLE AT NORTHWEST CORNER OF 75TH STREET AND OLYMPUS DRIVE	691.395
B.M. #8	CUT SQUARE ON TOP OF NORTH CURBLINE OF 75TH STREET AT 6TH CURB INLET WEST OF CLYDE STREET	688.870
B.M. #9	CUT SQUARE ON N SIDE OF TOP OF CONCRETE FOUNDATION OF 1ST TRANSMISSION POLE W OF OLYMPUS DRIVE	694.000

DUPAGE COUNTY BENCHMARK #0133
 ELEVATION: 697.72
 3.5" BRASS DISC ON THE RIM OF A TRAFFIC SIGNAL MANHOLE. BRASS DISC IS LOCATED IN THE SOUTHWEST CORNER OF 75TH STREET AND MODAFF ROAD. LOCATED 66.7 FT WEST OF THE CENTERLINE OF MODAFF ROAD AND 10.7 FT SOUTHWEST OF A TRAFFIC LIGHT, AND 53.2 FT SOUTH OF THE CENTERLINE OF 75TH STREET.



DUPAGE COUNTY BENCHMARK #LI26001
 ELEVATION: 658.20
 MONUMENT IS A 3.5" BRASS DISK AT ROAD LEVEL AND IS NOT FERROMAGNETIC. LOCATED ALONG THE NORTH SIDE OF 75TH STREET, 0.15 MILES WEST OF THE INTERSECTION WITH ROUTE 53 AND 0.25 MILES EAST OF GREENE ROAD. LOCATED 44.0 FT NORTH OF THE CENTERLINE OF 75TH STREET ON THE NORTHEAST CORNER OF A BRIDGE HEADWALL ON THE BRIDGE FOR 75TH STREET OVER THE DUPAGE RIVER EAST BRANCH, 79.5 FT WEST OF THE DUPAGE RIVER EAST BRANCH SIGN, 78.8 FT WEST OF THE EAST END OF NORTH GUARDRAIL.

B.M. #	DESCRIPTION	ELEVATION
B.M. #10	CUT SQUARE ON TOP OF N CURB AT POINT OF CURVE PLUS OR MINUS 200 FEET WEST OF GREENE ROAD	671.946
B.M. #11	CUT SQUARE ON TOP OF S FACE OF ELECTRIC CABINET AT NORTHEAST CORNER OF GREENE ROAD AND 75TH STREET	664.734
B.M. #12	CUT SQUARE TOP OF CONCRETE SIGN BASE ON SOUTH FACE NORTH SIDE OF 75TH STREET	660.603

C.P. #	NORTHING	EASTING	ELEVATION	DESCRIPTION
C.P. #23	1,851,374.985	1,054,348.495	685.320	SET IRON ROD
C.P. #24	1,851,444.660	1,054,866.590	664.925	SET IRON ROD
C.P. #25	1,851,498.879	1,055,422.860	659.997	SET IRON ROD
C.P. #26	1,851,327.495	1,054,353.137	687.114	SET IRON ROD
C.P. #27	1,851,318.080	1,054,941.321	664.890	SET 120D NAIL
C.P. #28	1,851,405.136	1,055,467.112	659.741	SET IRON ROD



MODEL: Default
 FILE NAME: W8500_Drawing502_CADD_Sheets040555-sh-AT1002.dgn



USER NAME = kberry	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/3/2021	CHECKED -	REVISED -
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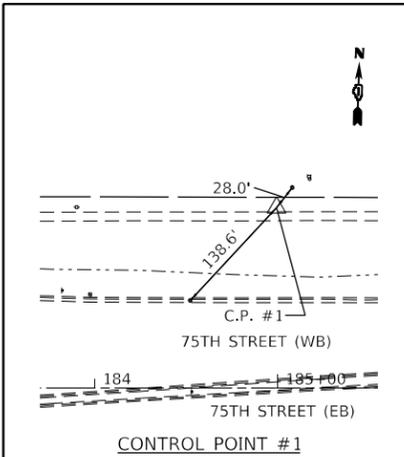
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
 OLYMPUS DRIVE & GREENE ROAD**

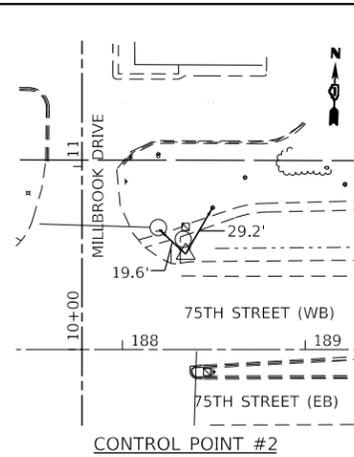
SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	32

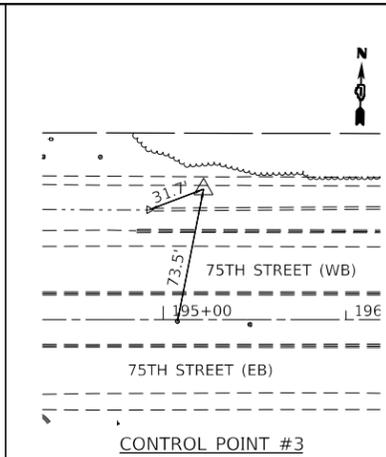
ILLINOIS FED. AID PROJECT



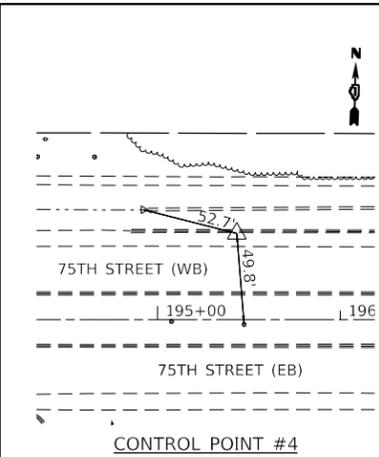
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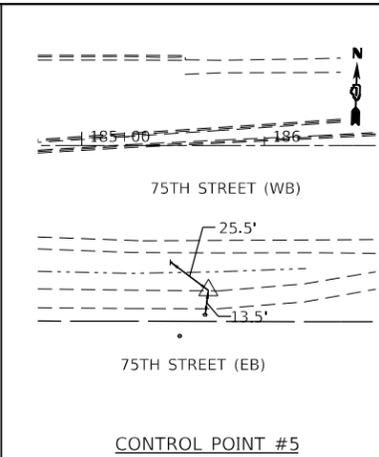
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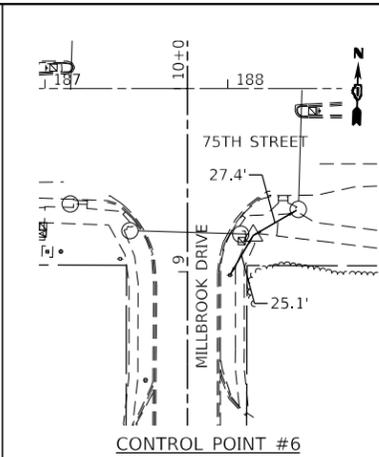
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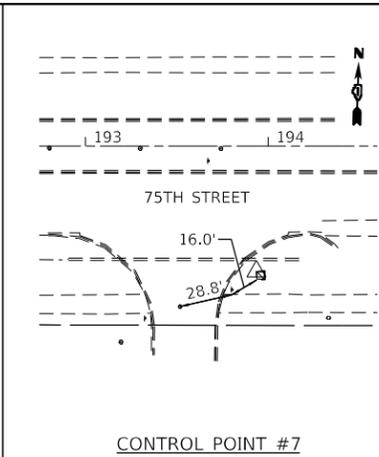
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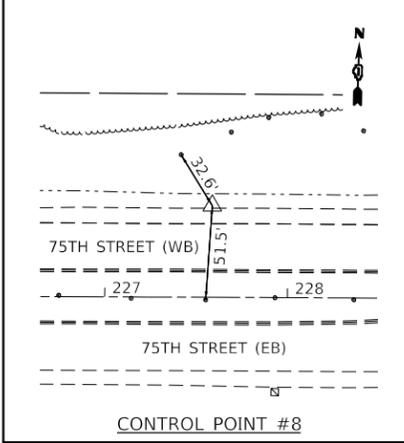
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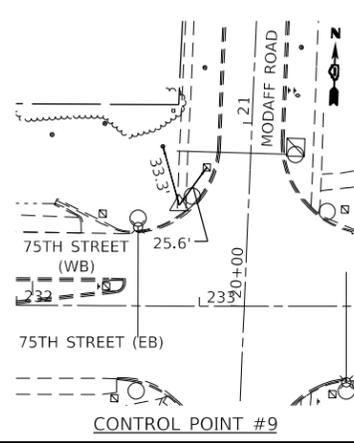
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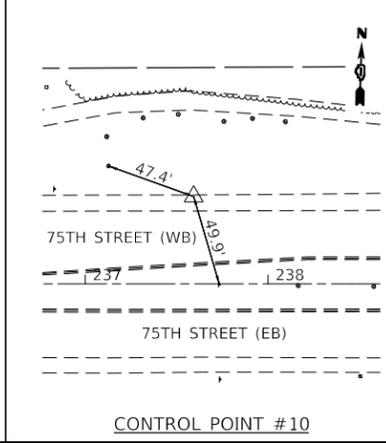
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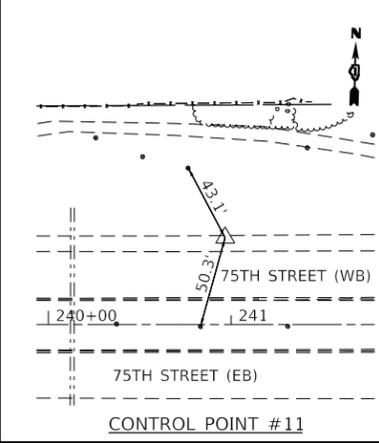
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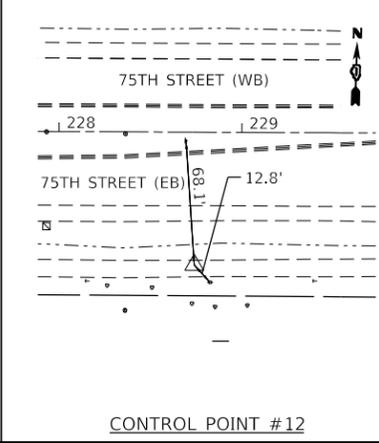
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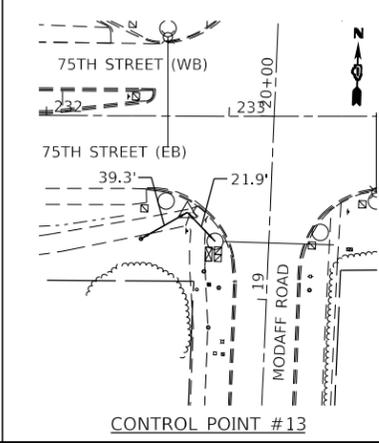
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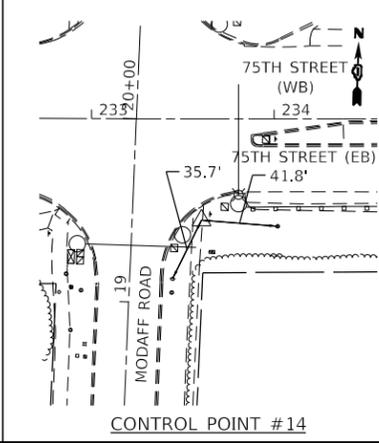
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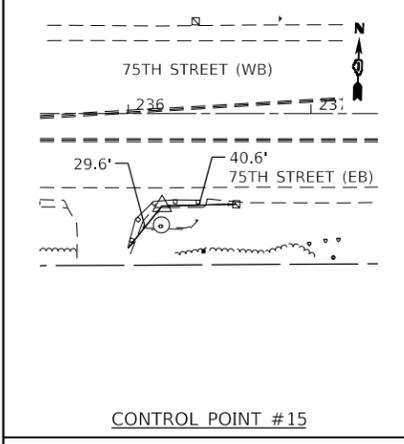
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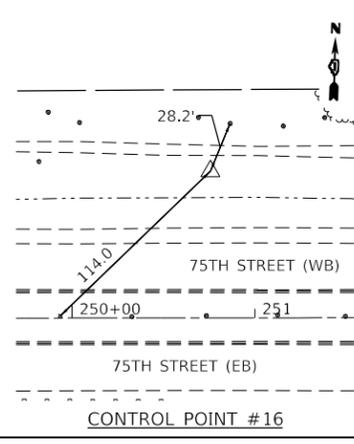
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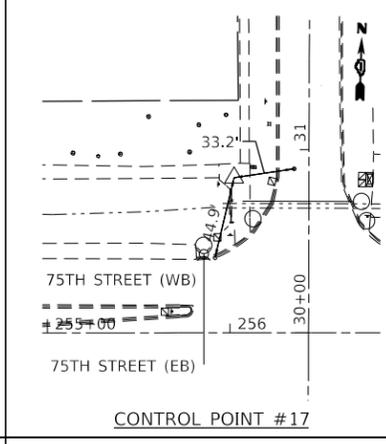
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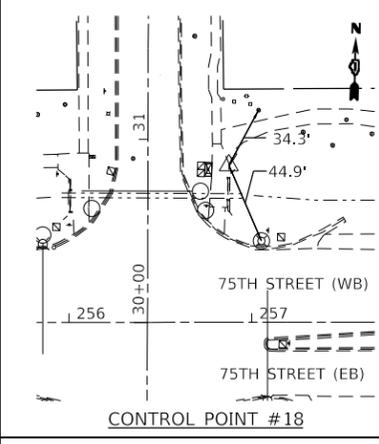
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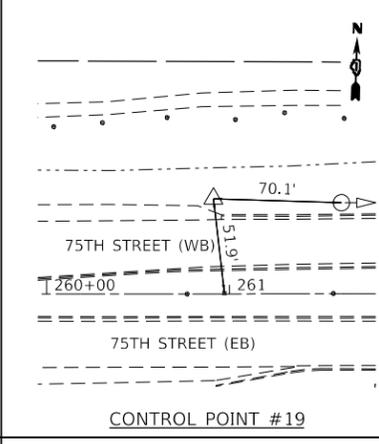
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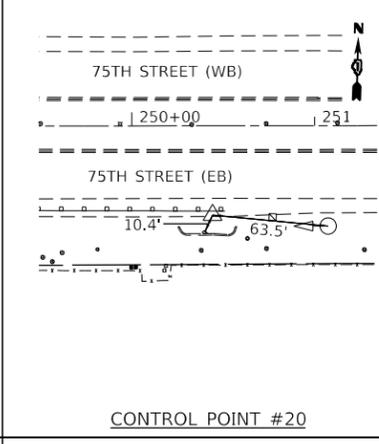
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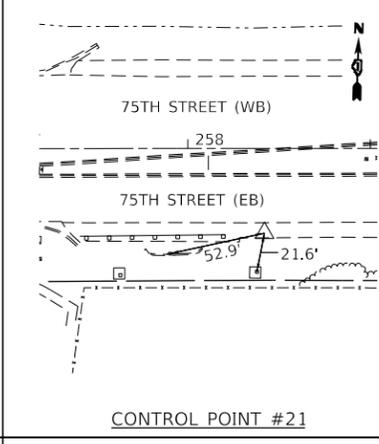
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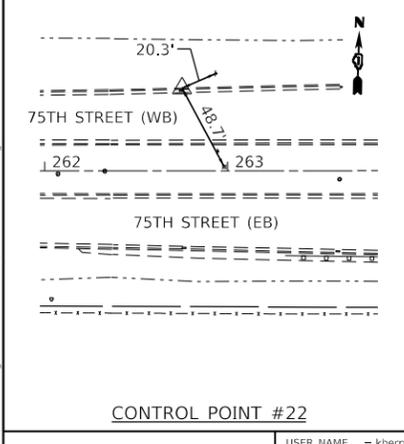
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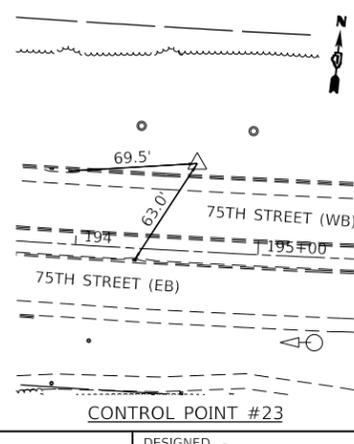
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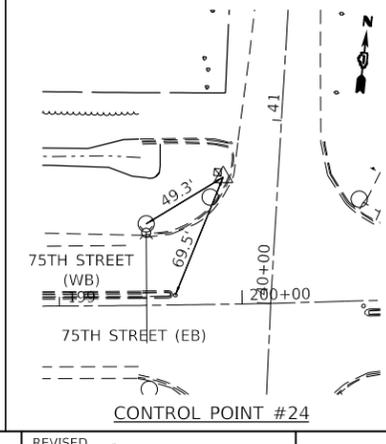
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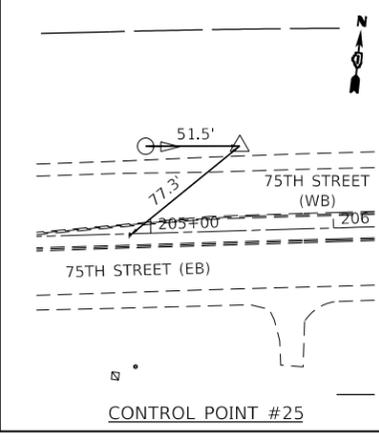
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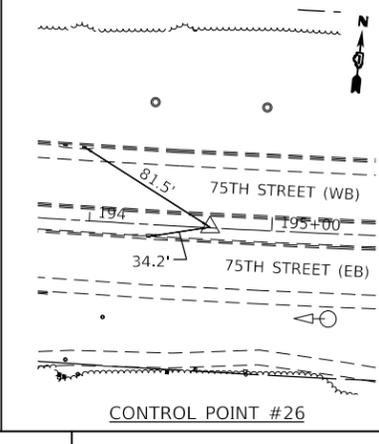
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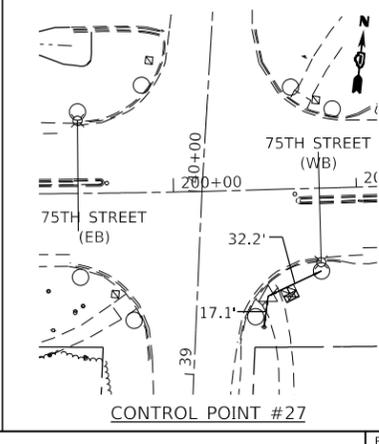
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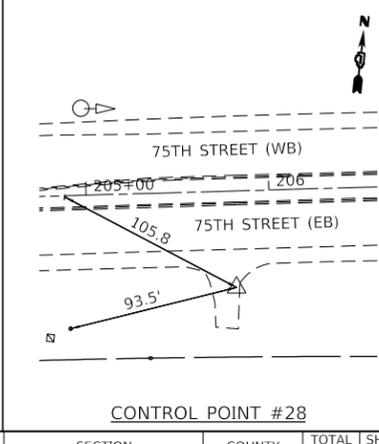
CONTROL POINT #25



CONTROL POINT #26



CONTROL POINT #27



CONTROL POINT #28

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Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-474-6500
www.bowman.com

USER NAME	= kberry
DESIGNED	-
DRAWN	-
PLOT SCALE	= 100,0000' / in.
CHECKED	-
DATE	-
PLOT DATE	= 11/3/2021

DESIGNED	-
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DATE	-

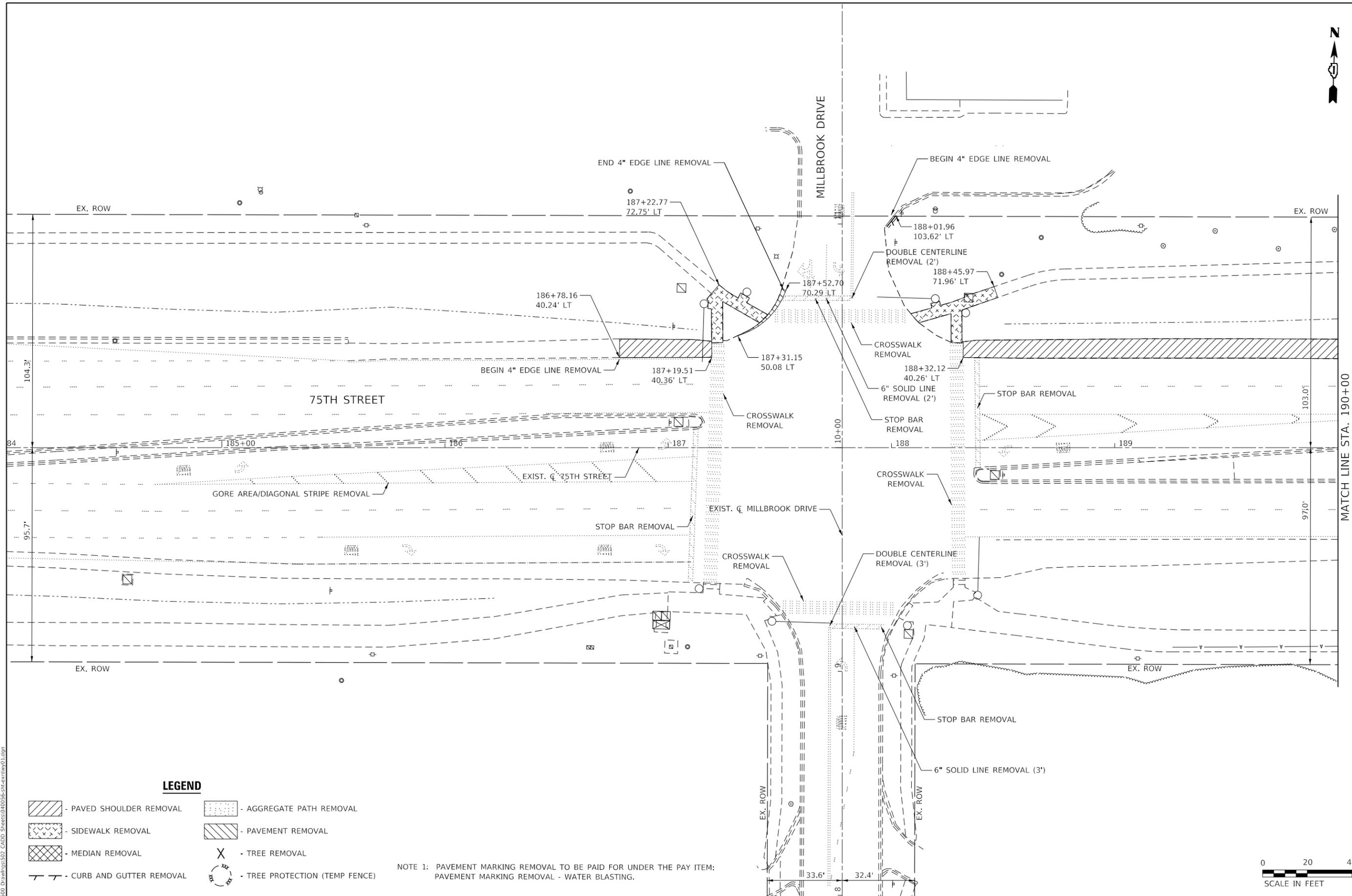
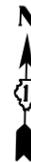
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	33
ILLINOIS / FED. AID PROJECT			CONTRACT NO. 61H29	



MATCH LINE STA. 190+00
SEE SHEET 35

LEGEND

- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- CURB AND GUTTER REMOVAL
- AGGREGATE PATH REMOVAL
- PAVEMENT REMOVAL
- TREE REMOVAL
- TREE PROTECTION (TEMP FENCE)

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



MODEL: Default
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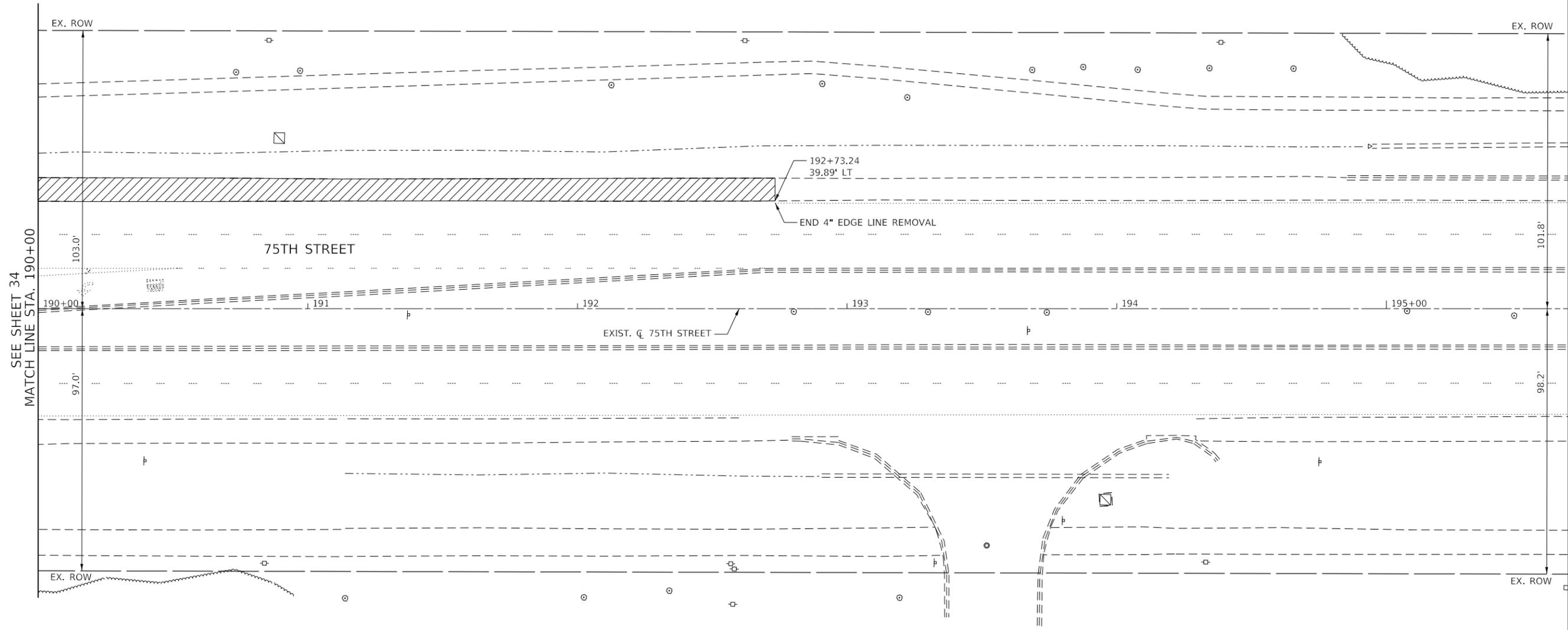
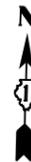


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DRAWN - KB	REVISED -	
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PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS 75TH STREET AT MILLBROOK DRIVE	
SCALE: 1" = 20'	SHEET 1 OF 11 SHEETS STA. 184+04 TO STA. 190+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	34
			CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	



SEE SHEET 34
MATCH LINE STA. 190+00

LEGEND

- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- CURB AND GUTTER REMOVAL
- AGGREGATE PATH REMOVAL
- PAVEMENT REMOVAL
- TREE REMOVAL
- TREE PROTECTION (TEMP FENCE)

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



MODEL: Default
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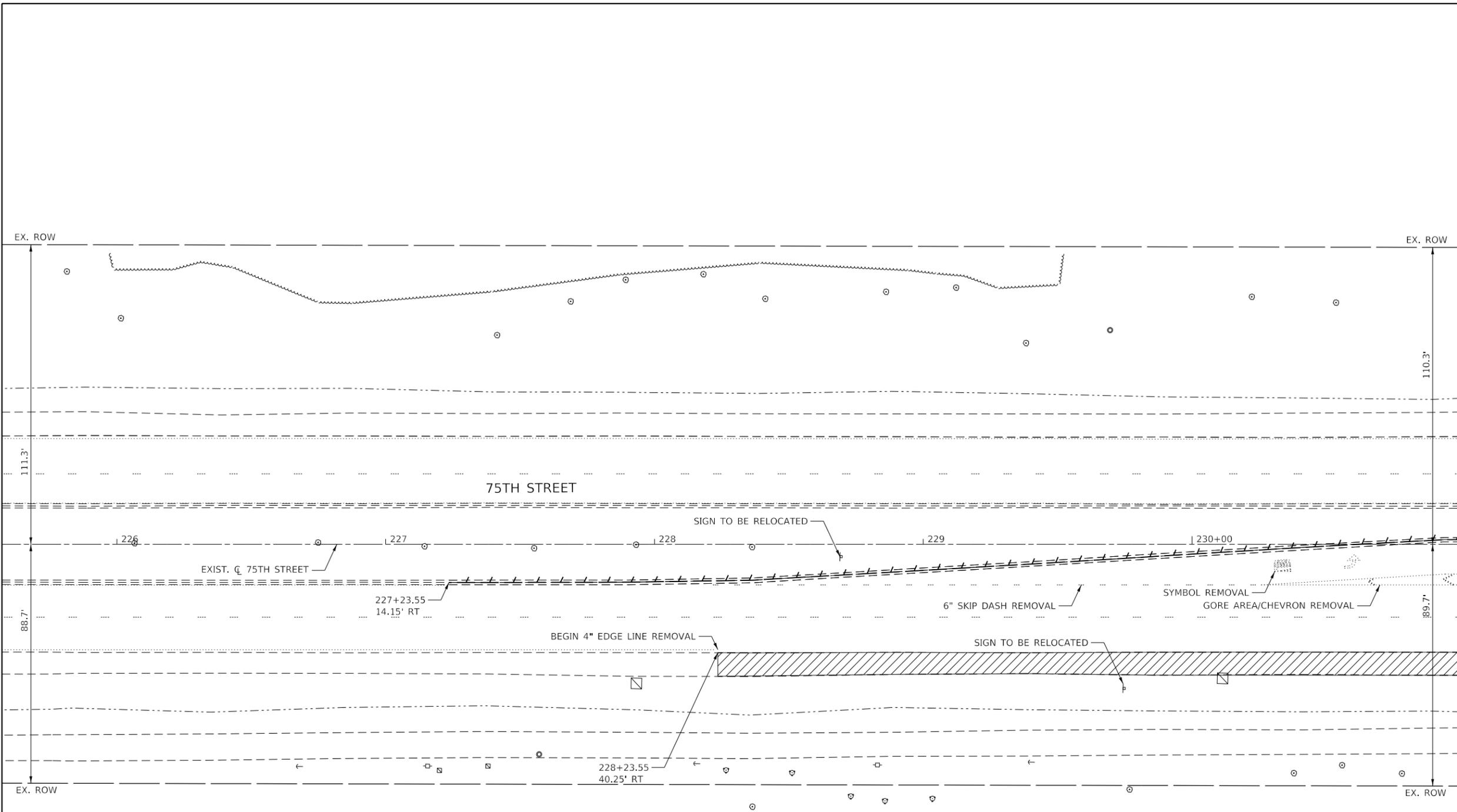
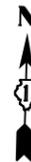
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DRAWN - KB	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
75TH STREET AT MILLBROOK DRIVE**

SCALE: 1" = 20' SHEET 2 OF 11 SHEETS STA. 190+00 TO STA. 195+68

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	35
			CONTRACT NO. 61H29	
		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 231+00
SEE SHEET 37

LEGEND

- PAVED SHOULDER REMOVAL
- AGGREGATE PATH REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- TREE REMOVAL
- TREE PROTECTION (TEMP FENCE)
- CURB AND GUTTER REMOVAL

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



MODEL: Default
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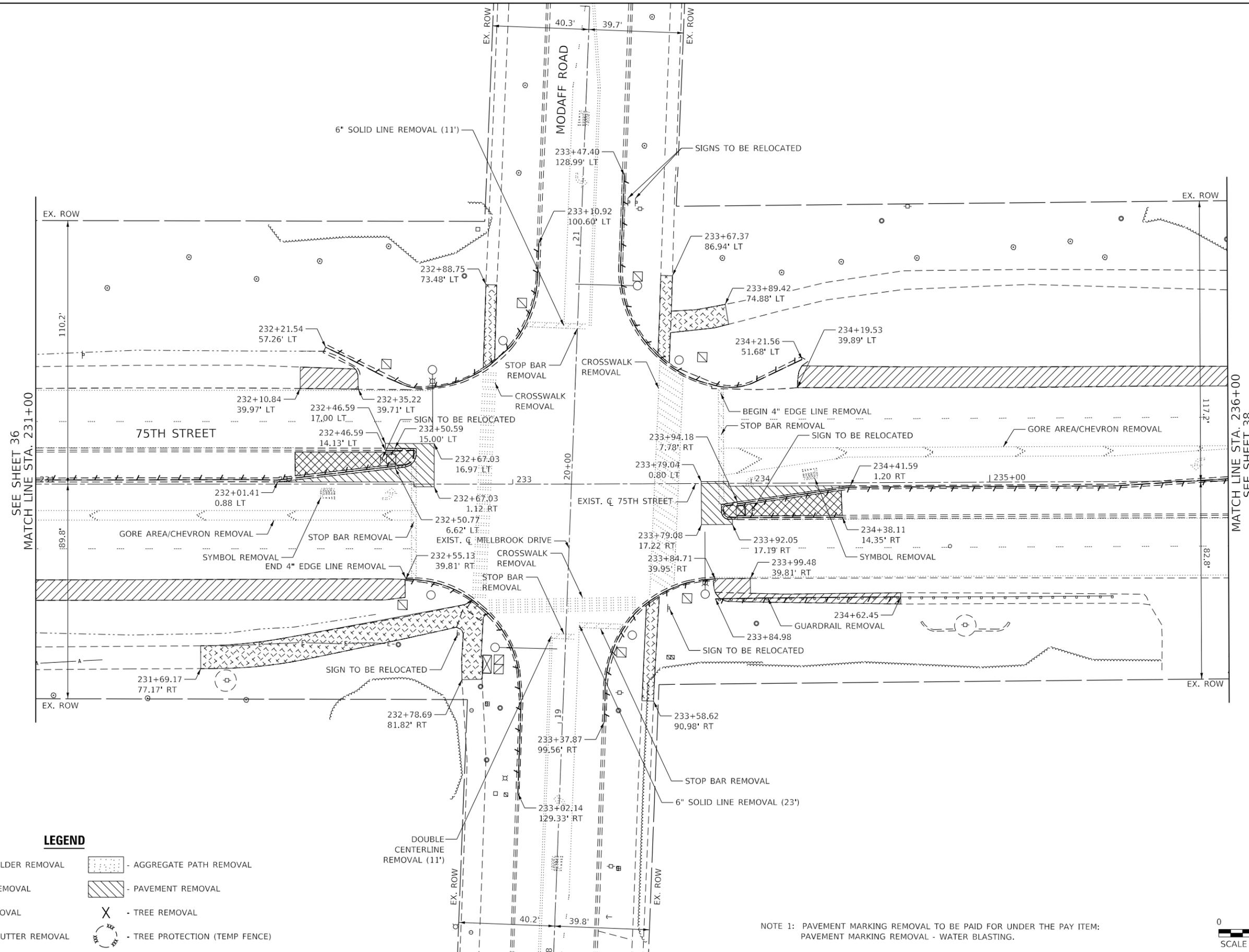
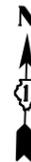


USER NAME = kberry	DESIGNED - KB	REVISED -
DRAWN - KB	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS	
75TH STREET AT MODAFF ROAD	
SCALE: 1" = 20'	SHEET 3 OF 11 SHEETS
STA. 225+57	TO STA. 231+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	



SEE SHEET 36
MATCH LINE STA. 231+00

MATCH LINE STA. 236+00
SEE SHEET 38

LEGEND

- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- CURB AND GUTTER REMOVAL
- AGGREGATE PATH REMOVAL
- PAVEMENT REMOVAL
- TREE REMOVAL
- TREE PROTECTION (TEMP FENCE)

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



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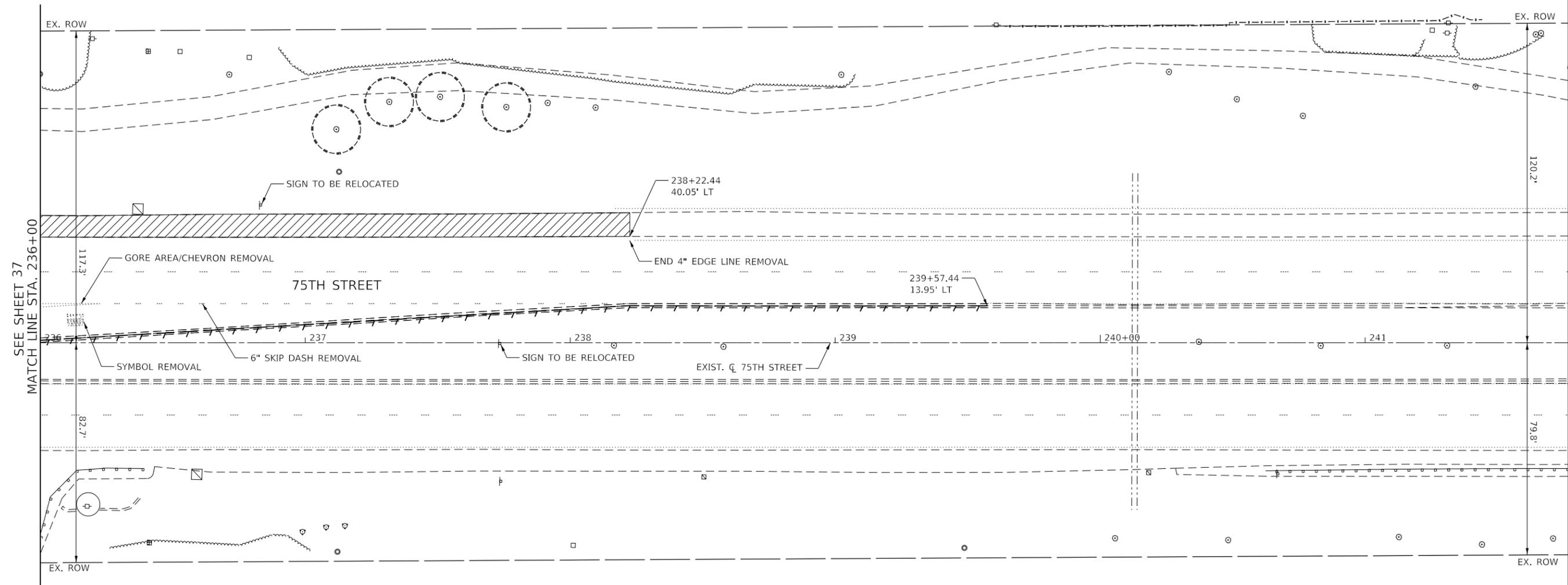
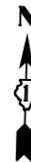
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PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
75TH STREET AT MODAFF ROAD**

SCALE: 1" = 20' SHEET 4 OF 11 SHEETS STA. 231+00 TO STA. 236+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	37
			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				



SEE SHEET 37
MATCH LINE STA. 236+00

LEGEND

- PAVED SHOULDER REMOVAL
- AGGREGATE PATH REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- TREE REMOVAL
- TREE PROTECTION (TEMP FENCE)
- CURB AND GUTTER REMOVAL

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



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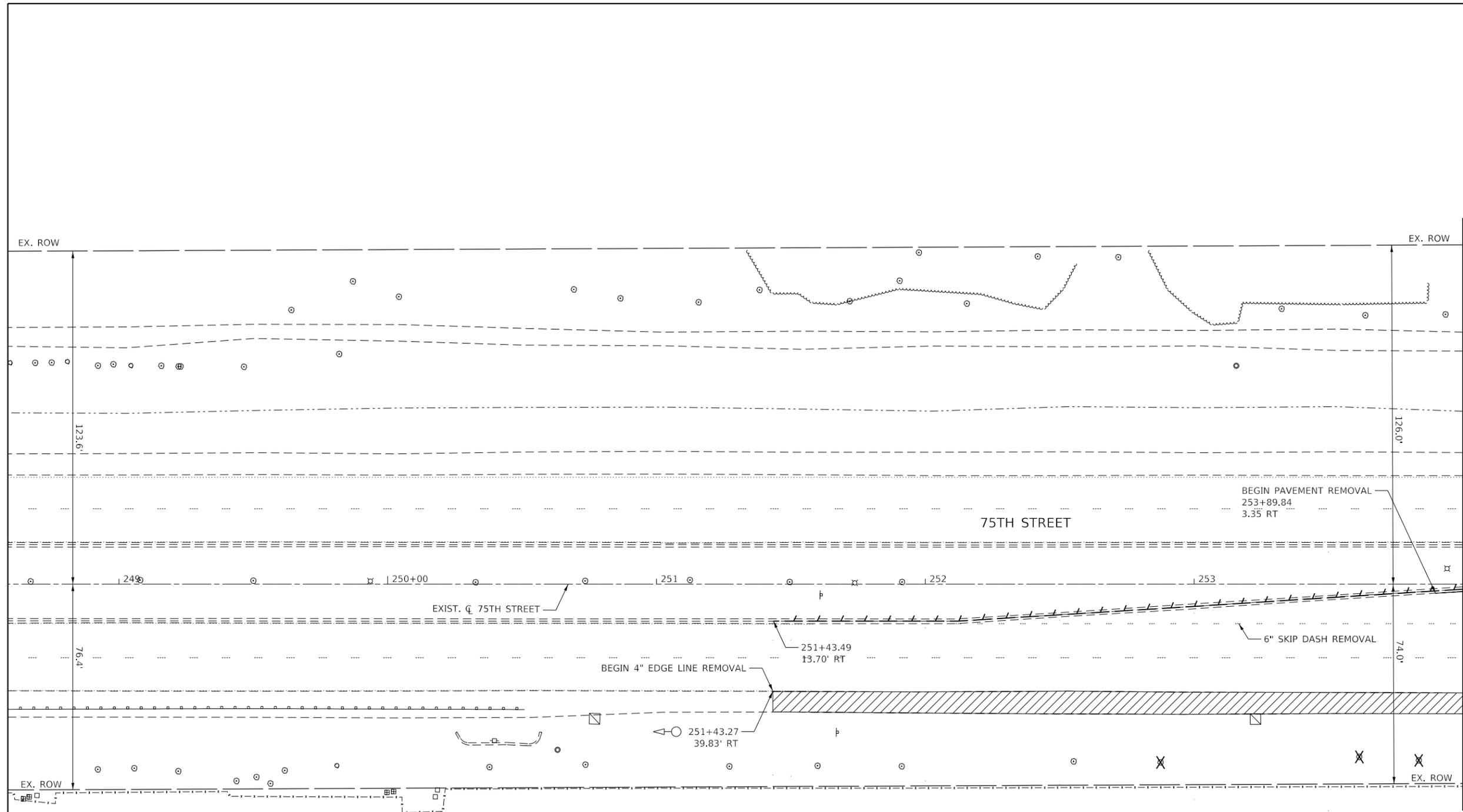
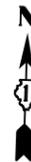


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PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS			
75TH STREET AT MODAFF ROAD			
SCALE: 1" = 20'	SHEET 5	OF 11 SHEETS	STA. 236+00 TO STA. 241+76

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	38
			CONTRACT NO. 61H29	
ILLINOIS		FED. AID PROJECT		



MATCH LINE STA. 254+00
SEE SHEET 40

LEGEND

- PAVED SHOULDER REMOVAL
- AGGREGATE PATH REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- TREE REMOVAL
- CURB AND GUTTER REMOVAL
- TREE PROTECTION (TEMP FENCE)

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



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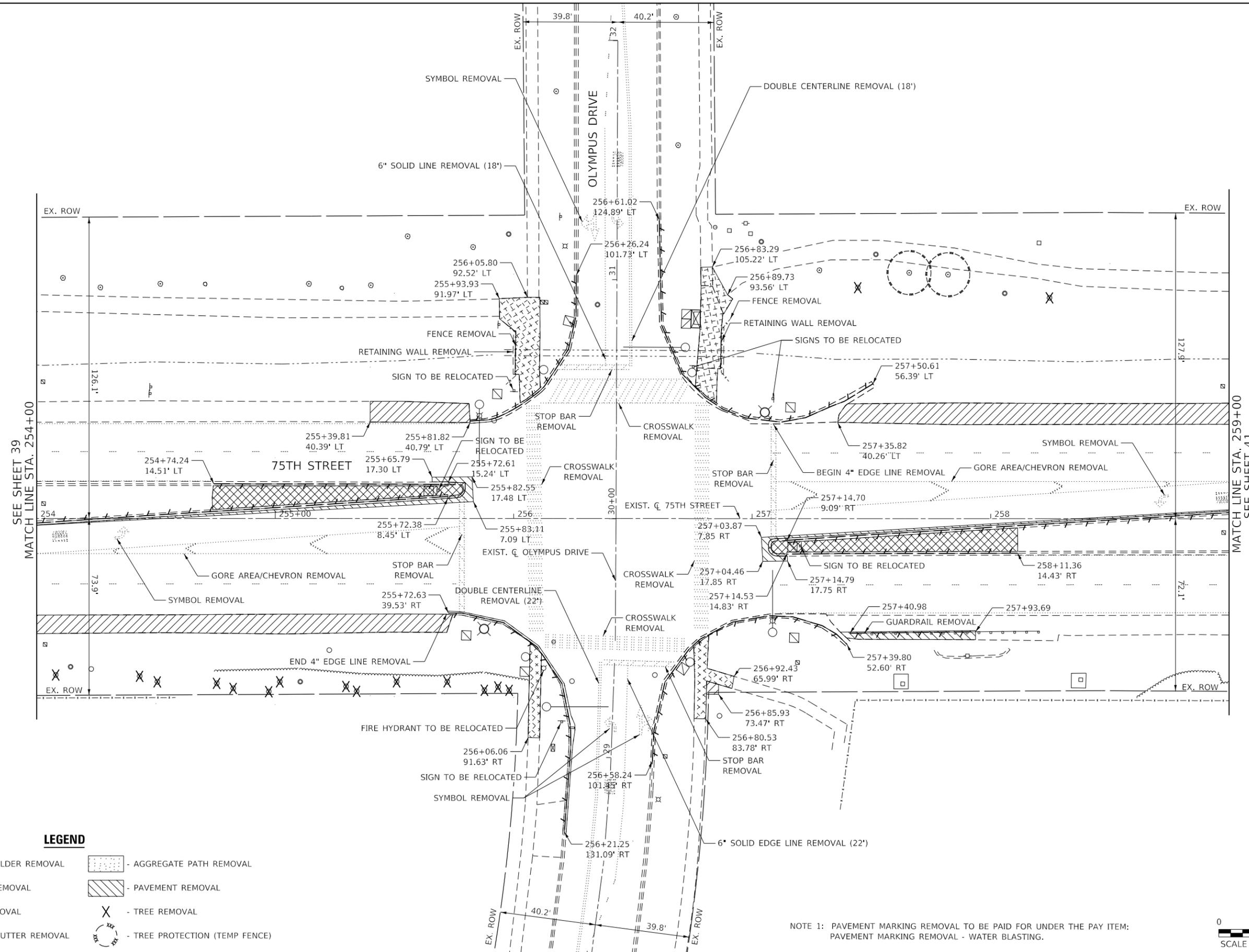
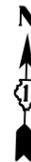
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
75TH STREET AT OLYMPUS DRIVE**

SCALE: 1" = 20' SHEET 6 OF 11 SHEETS STA. 248+59 TO STA. 254+00

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	



SEE SHEET 39
MATCH LINE STA. 254+00

MATCH LINE STA. 259+00
SEE SHEET 41

LEGEND

	- PAVED SHOULDER REMOVAL		- AGGREGATE PATH REMOVAL
	- SIDEWALK REMOVAL		- PAVEMENT REMOVAL
	- MEDIAN REMOVAL		- TREE REMOVAL
	- CURB AND GUTTER REMOVAL		- TREE PROTECTION (TEMP FENCE)

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



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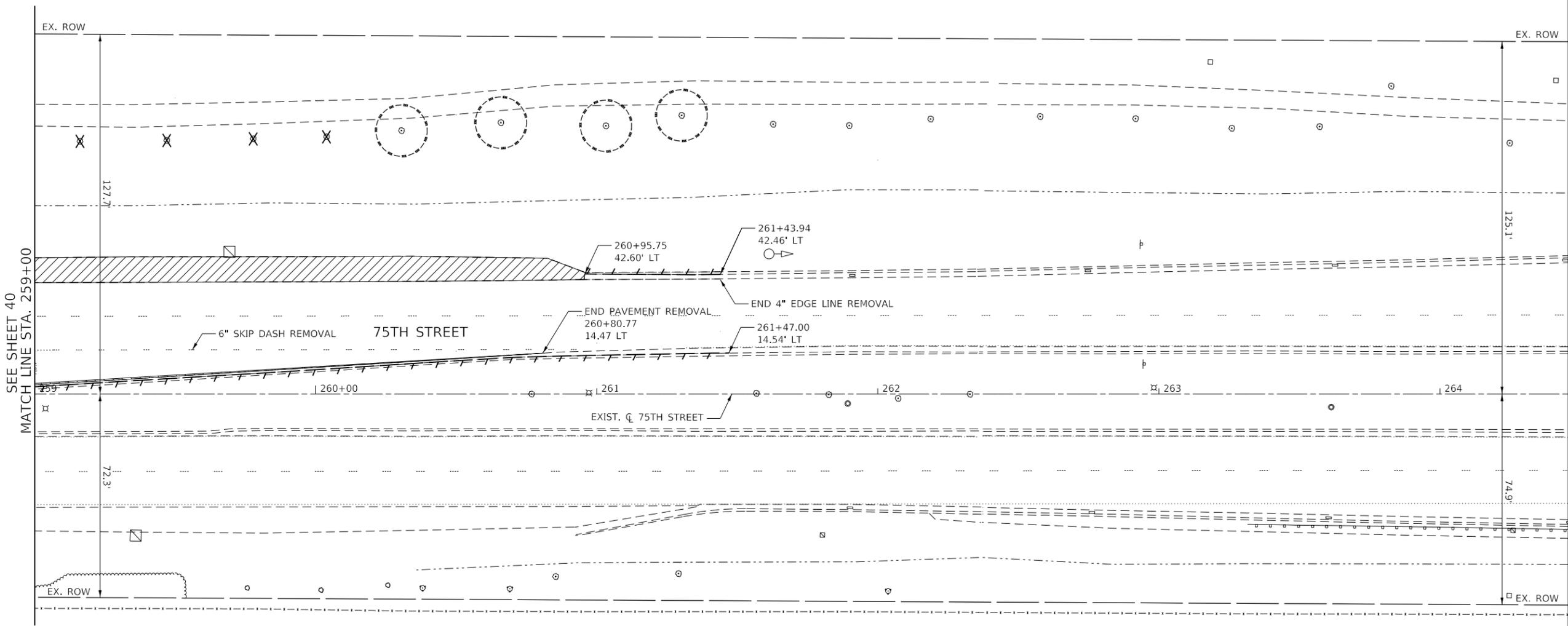
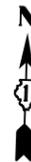
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
75TH STREET AT OLYMPUS DRIVE**

SCALE: 1" = 20' SHEET 7 OF 11 SHEETS STA. 254+00 TO STA. 259+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	40
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				



SEE SHEET 40
MATCH LINE STA: 259+00

LEGEND

- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- CURB AND GUTTER REMOVAL
- AGGREGATE PATH REMOVAL
- PAVEMENT REMOVAL
- TREE REMOVAL
- TREE PROTECTION (TEMP FENCE)

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



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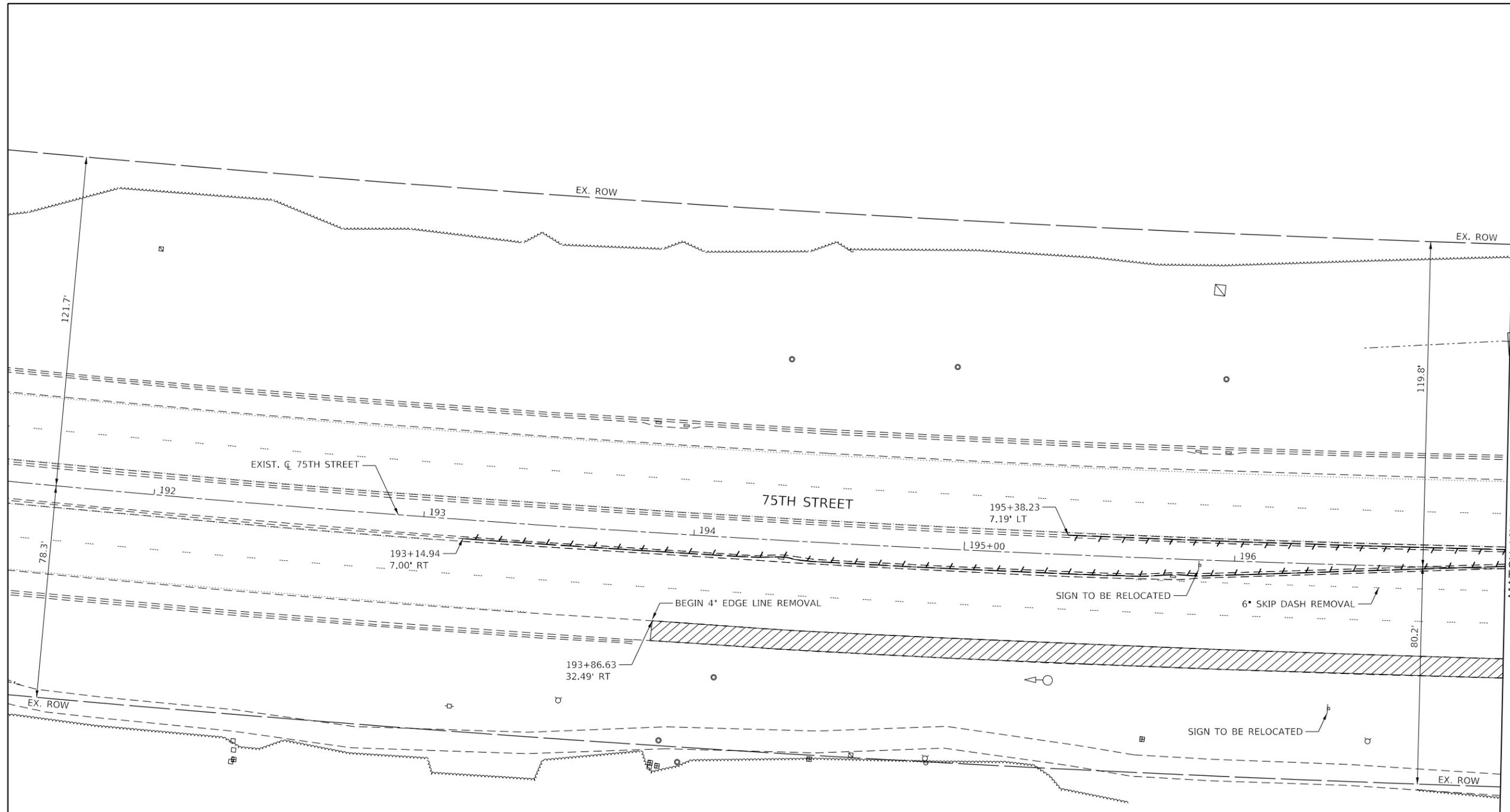


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PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS 75TH STREET AT OLYMPUS DRIVE			
SCALE: 1" = 20'	SHEET 8	OF 11 SHEETS	STA. 259+00 TO STA. 264+46

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 41
		CONTRACT NO. 61H29		
		ILLINOIS FED. AID PROJECT		



LEGEND

- PAVED SHOULDER REMOVAL
- AGGREGATE PATH REMOVAL
- SIDEWALK REMOVAL
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- TREE REMOVAL
- TREE PROTECTION (TEMP FENCE)
- CURB AND GUTTER REMOVAL

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



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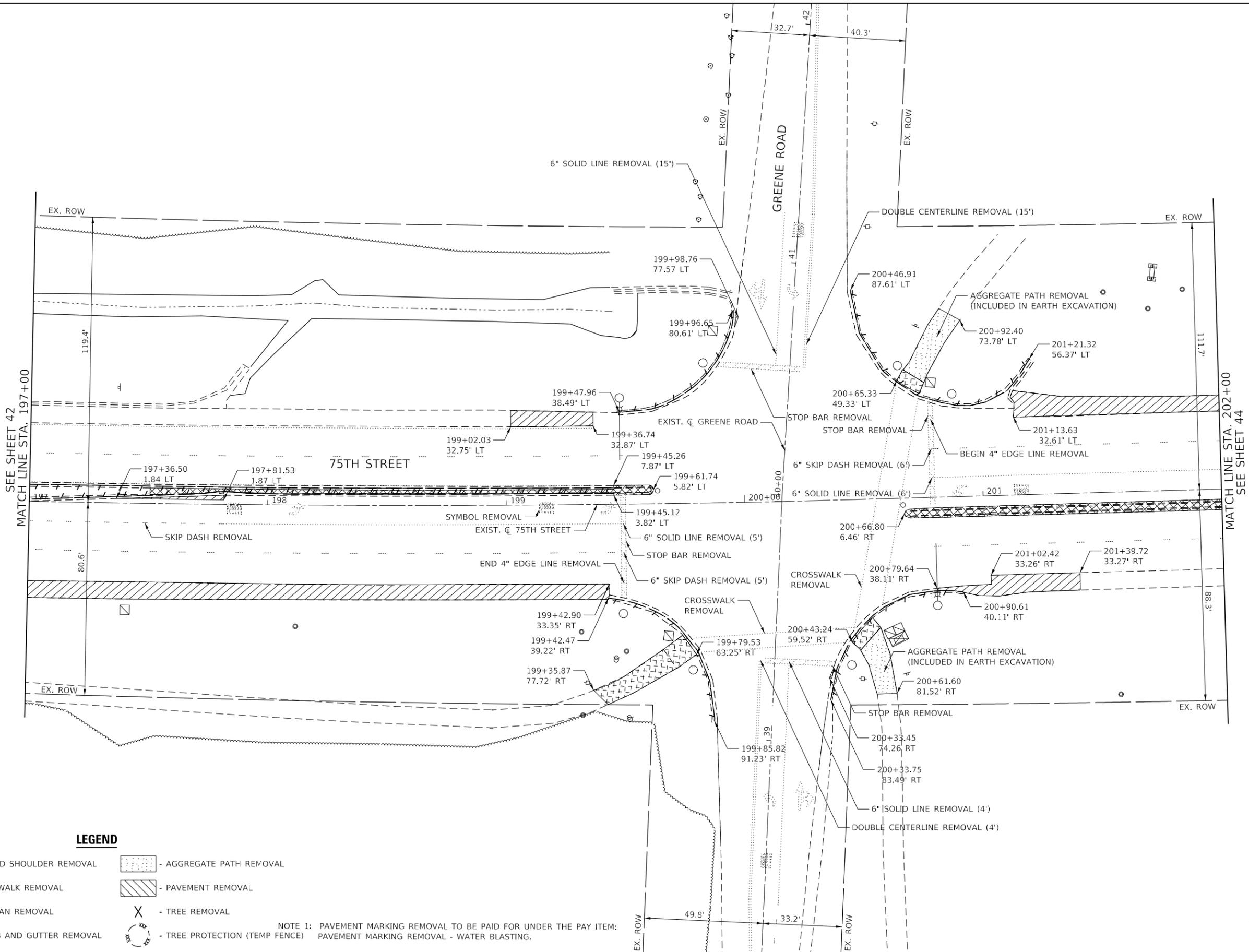
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PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
75TH STREET AT GREENE ROAD**

SCALE: 1" = 20' SHEET 9 OF 11 SHEETS STA. 191+46 TO STA. 197+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	



SEE SHEET 42
MATCH LINE STA. 197+00

MATCH LINE STA. 202+00
SEE SHEET 44

LEGEND

- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- CURB AND GUTTER REMOVAL
- AGGREGATE PATH REMOVAL
- PAVEMENT REMOVAL
- TREE REMOVAL
- TREE PROTECTION (TEMP FENCE)

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM: PAVEMENT MARKING REMOVAL - WATER BLASTING.



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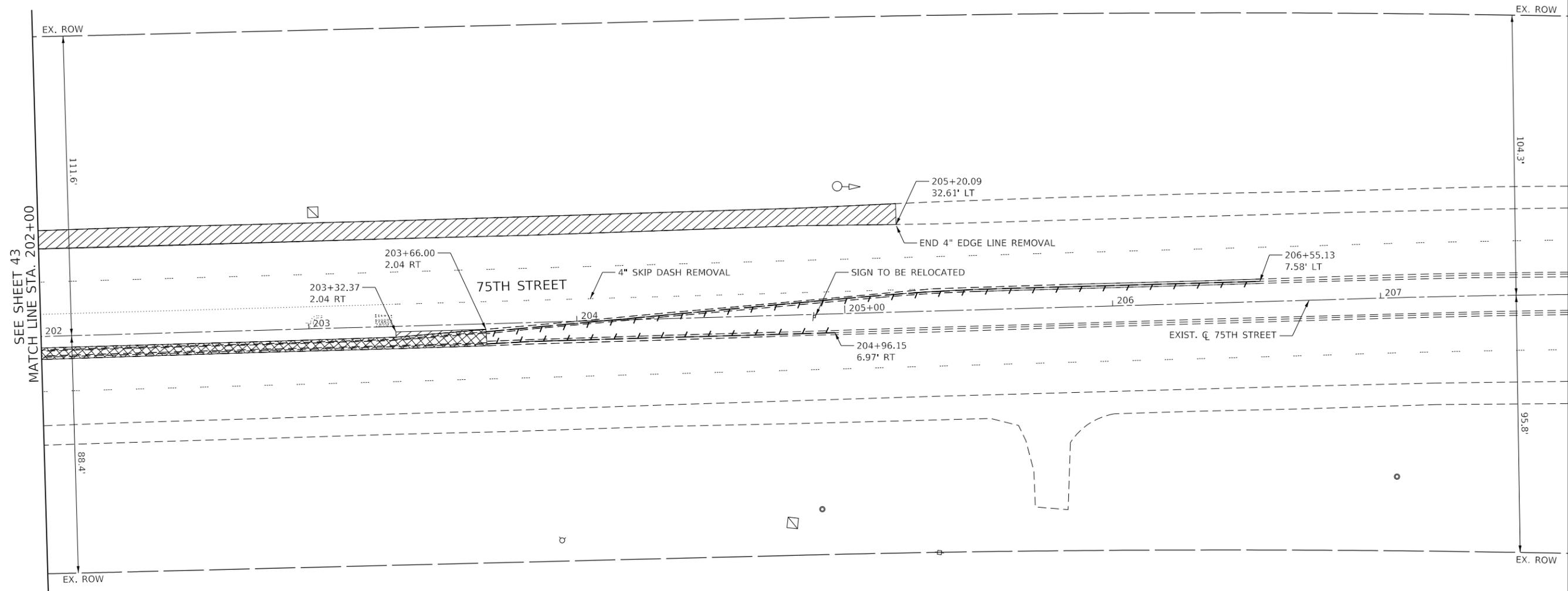


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PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING PLAN AND REMOVALS 75TH STREET AT GREENE ROAD	
SCALE: 1" = 20'	SHEET 10 OF 11 SHEETS
STA. 197+00	TO STA. 202+00

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 43
ILLINOIS			FED. AID PROJECT	



LEGEND

- PAVED SHOULDER REMOVAL
- SIDEWALK REMOVAL
- MEDIAN REMOVAL
- PAVEMENT REMOVAL
- TREE REMOVAL
- TREE PROTECTION (TEMP FENCE)
- CURB AND GUTTER REMOVAL
- AGGREGATE PATH REMOVAL

NOTE 1: PAVEMENT MARKING REMOVAL TO BE PAID FOR UNDER THE PAY ITEM:
PAVEMENT MARKING REMOVAL - WATER BLASTING.



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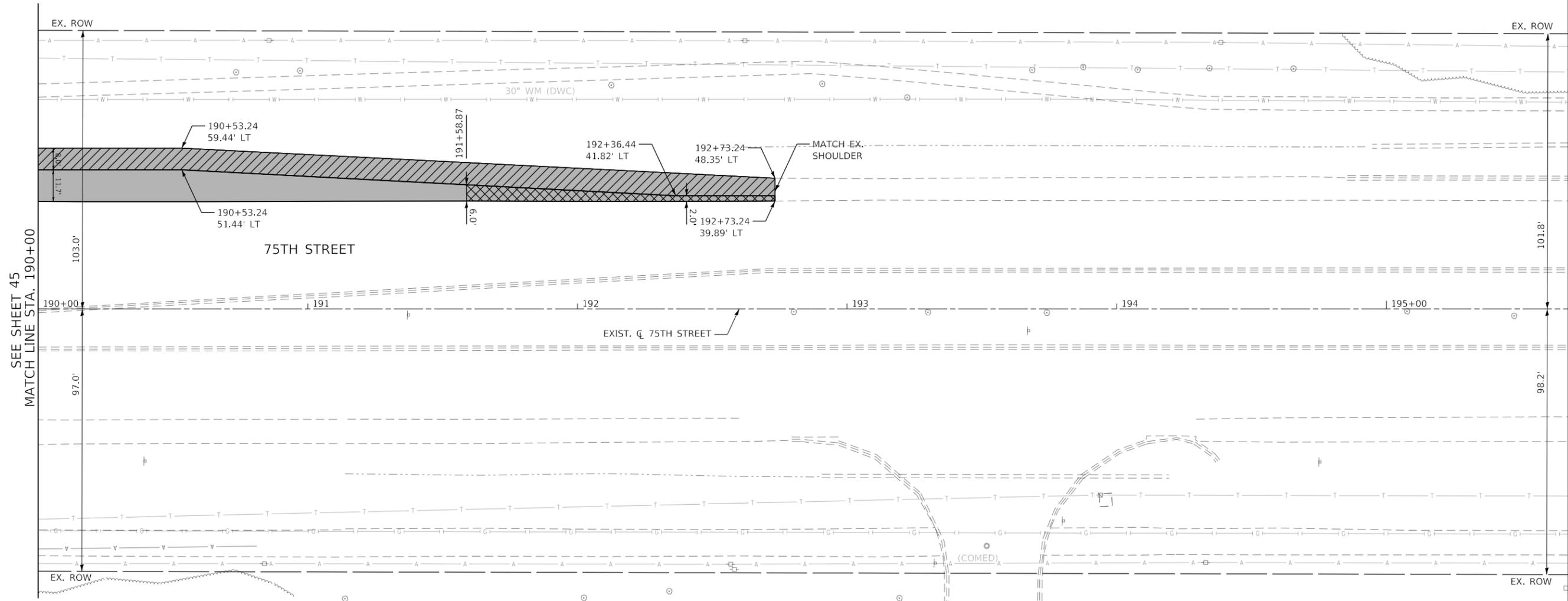
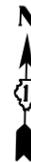
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PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING PLAN AND REMOVALS
75TH STREET AT GREENE ROAD**

SCALE: 1" = 20' SHEET 11 OF 11 SHEETS STA. 202+00 TO STA. 207+70

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	44
			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				



SEE SHEET 45
MATCH LINE STA. 190+00

LEGEND

- 
 PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- 
 PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- 
 PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"



MODEL: Default
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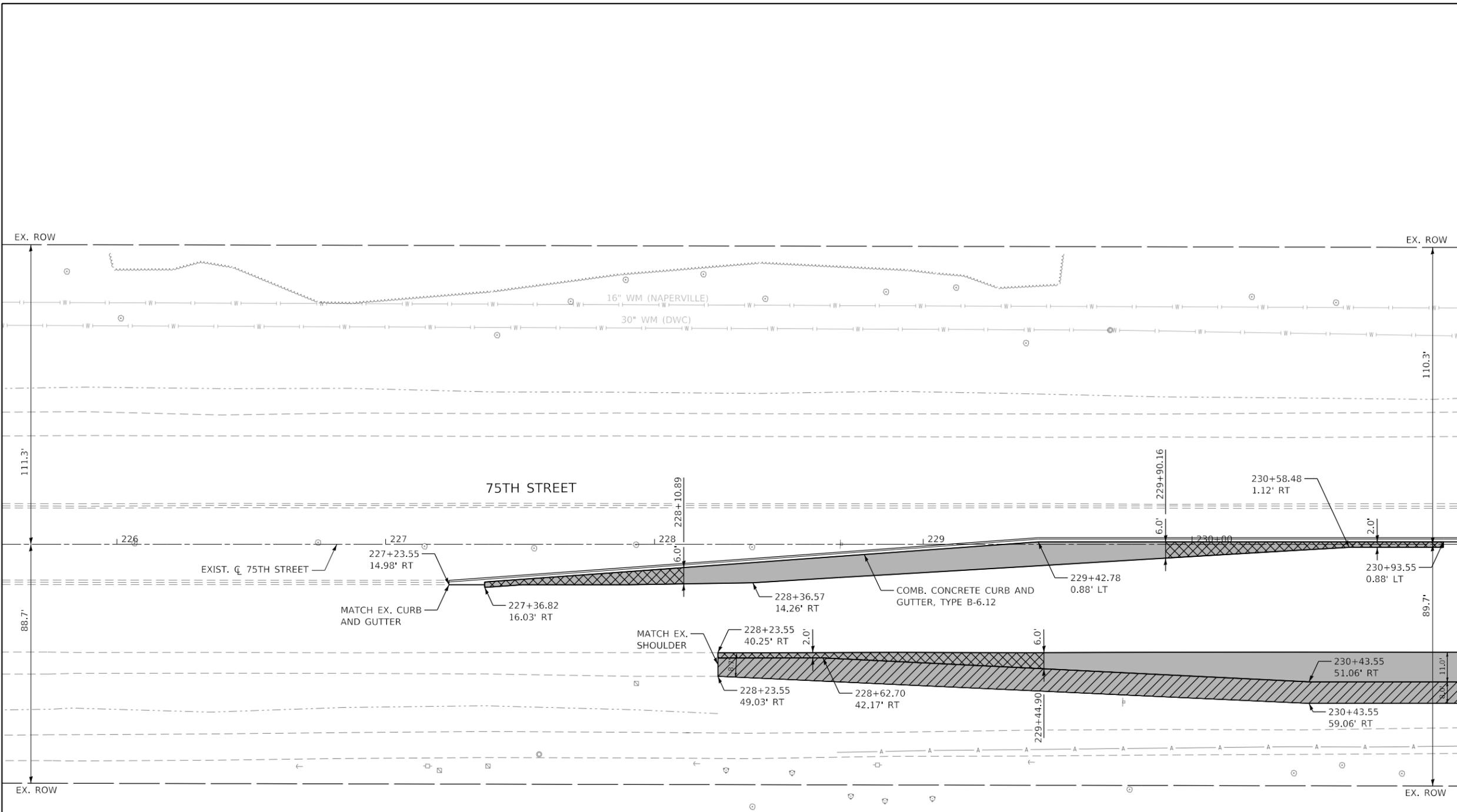
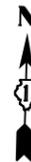


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PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN			
75TH STREET AT MILLBROOK DRIVE			
SCALE: 1" = 20'	SHEET 2	OF 11 SHEETS	STA. 190+00 TO STA. 195+68

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	46
			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				



LEGEND

- PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"



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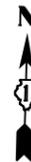
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

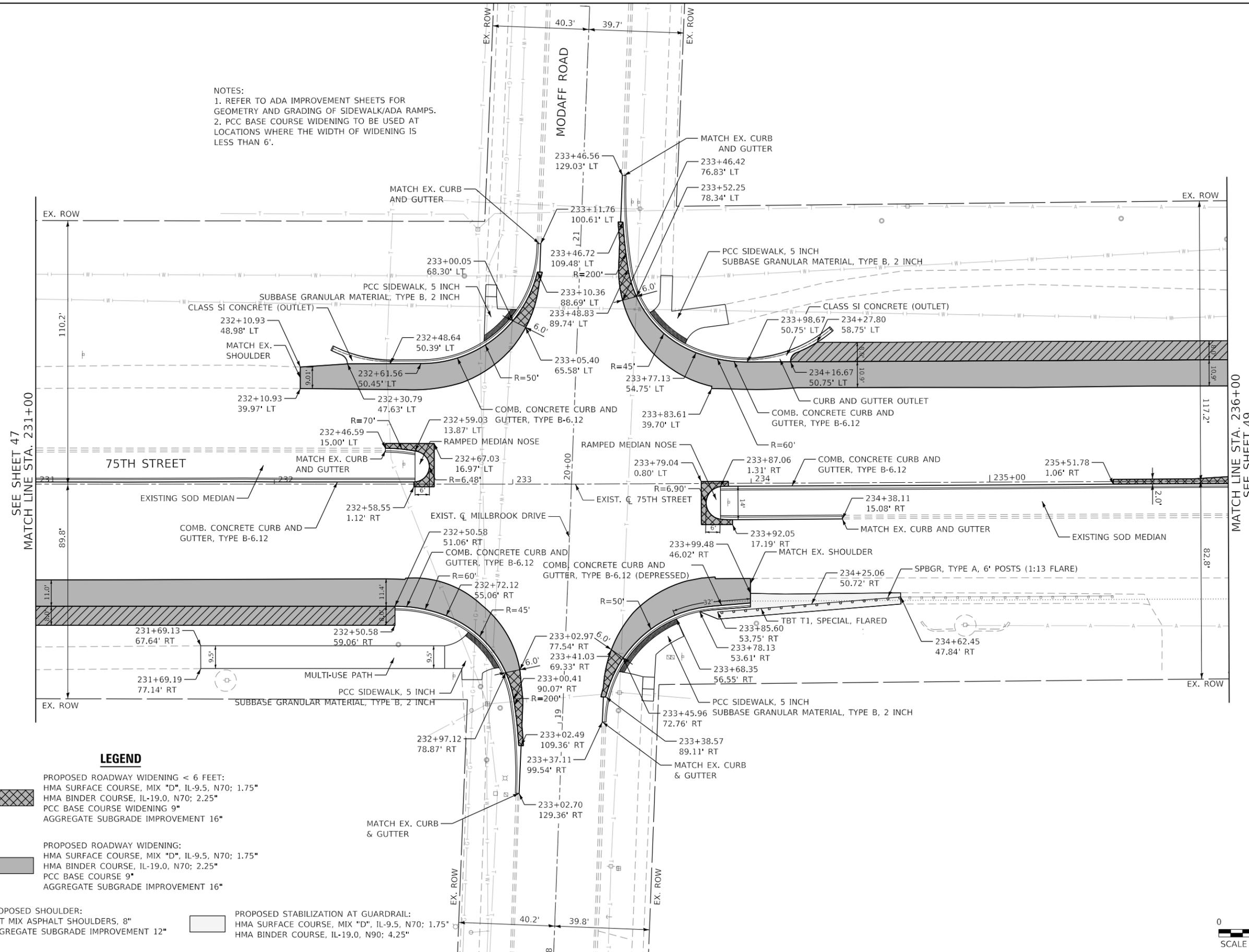
**PROPOSED PLAN
75TH STREET AT MODAFF ROAD**

SCALE: 1" = 20' SHEET 3 OF 11 SHEETS STA. 225+57 TO STA. 231+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	47
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	



NOTES:
 1. REFER TO ADA IMPROVEMENT SHEETS FOR GEOMETRY AND GRADING OF SIDEWALK/ADA RAMPS.
 2. PCC BASE COURSE WIDENING TO BE USED AT LOCATIONS WHERE THE WIDTH OF WIDENING IS LESS THAN 6'.



LEGEND

- PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"
- PROPOSED STABILIZATION AT GUARDRAIL:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N90; 4.25"



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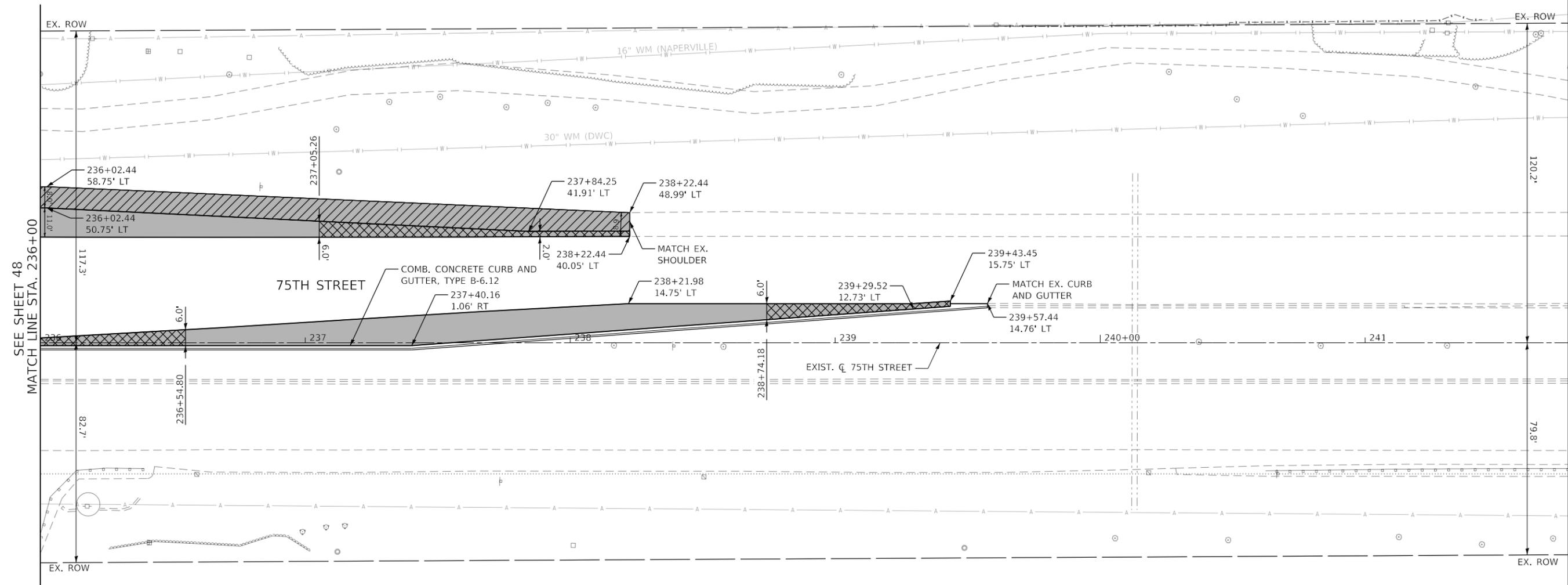
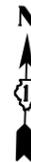
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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
 75TH STREET AT MODAFF ROAD**

SCALE: 1" = 20' SHEET 4 OF 11 SHEETS STA. 231+00 TO STA. 236+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	48
			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				



LEGEND

- PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"

- PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"

- PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"



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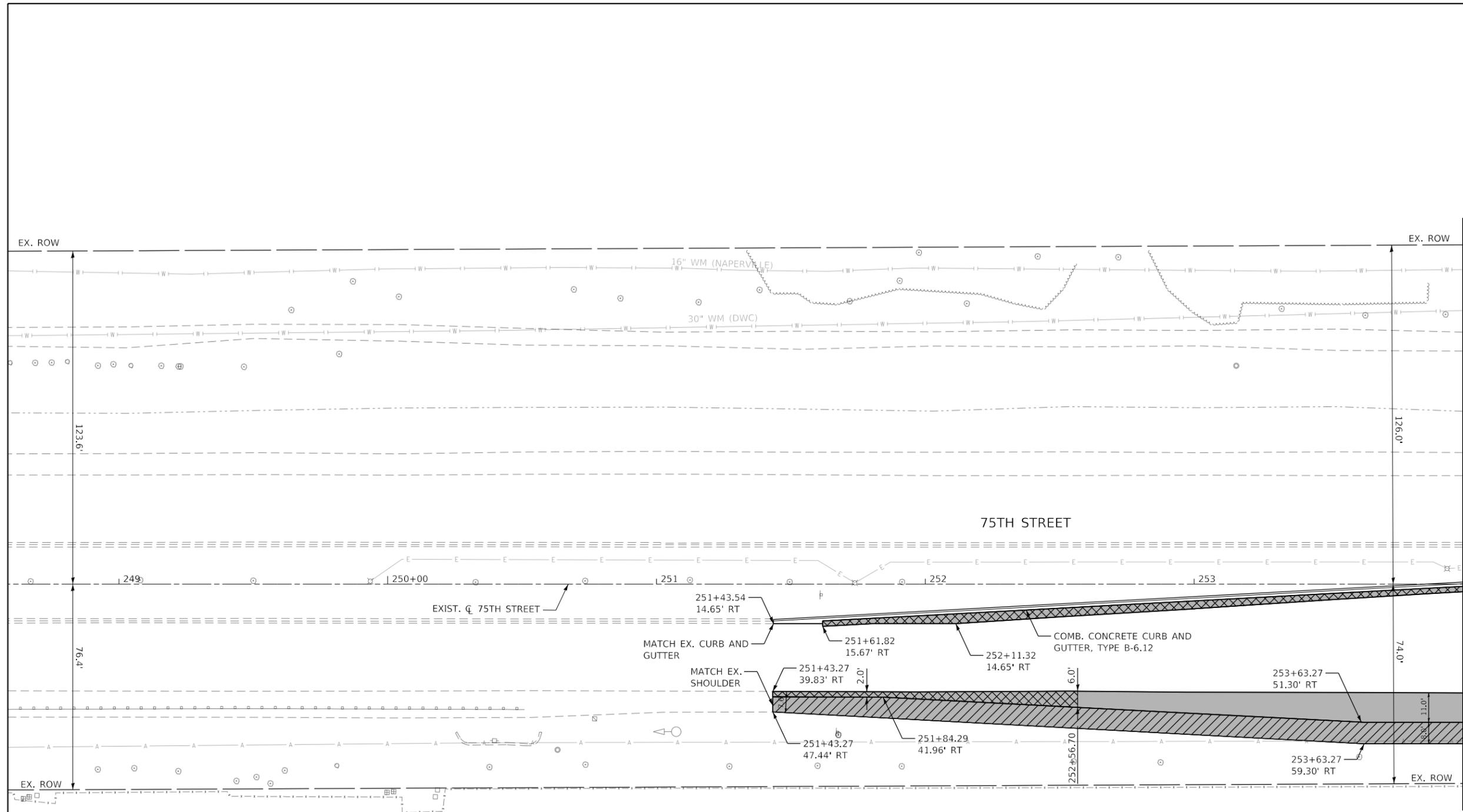
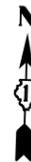


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PLOT DATE = 11/3/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN 75TH STREET AT MODAFF ROAD			
SCALE: 1" = 20'	SHEET 5	OF 11 SHEETS	STA. 236+00 TO STA. 241+77

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	49
			CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	



MATCH LINE STA. 254+00
SEE SHEET 51

LEGEND

- PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"

- PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"

- PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"



MODEL: Default
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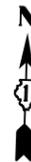


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PLOT DATE = 11/3/2021	DATE -	REVISED -

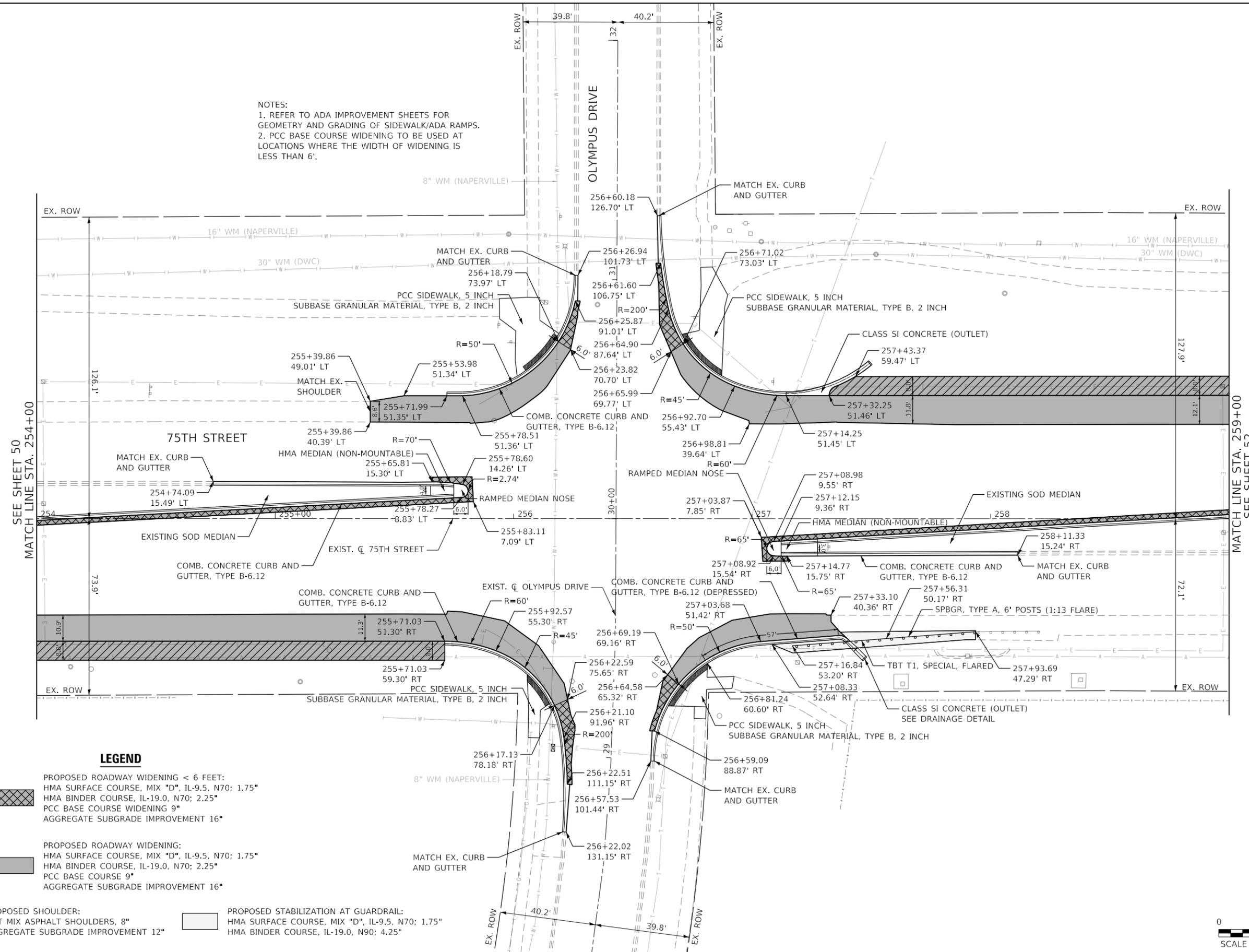
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN			
75TH STREET AT OLYMPUS DRIVE			
SCALE: 1" = 20'	SHEET 6	OF 11 SHEETS	STA. 248+59 TO STA. 254+00

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 50
		CONTRACT NO. 61H29		
		ILLINOIS FED. AID PROJECT		



NOTES:
 1. REFER TO ADA IMPROVEMENT SHEETS FOR GEOMETRY AND GRADING OF SIDEWALK/ADA RAMPS.
 2. PCC BASE COURSE WIDENING TO BE USED AT LOCATIONS WHERE THE WIDTH OF WIDENING IS LESS THAN 6'.



LEGEND

- PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"
- PROPOSED STABILIZATION AT GUARDRAIL:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N90; 4.25"



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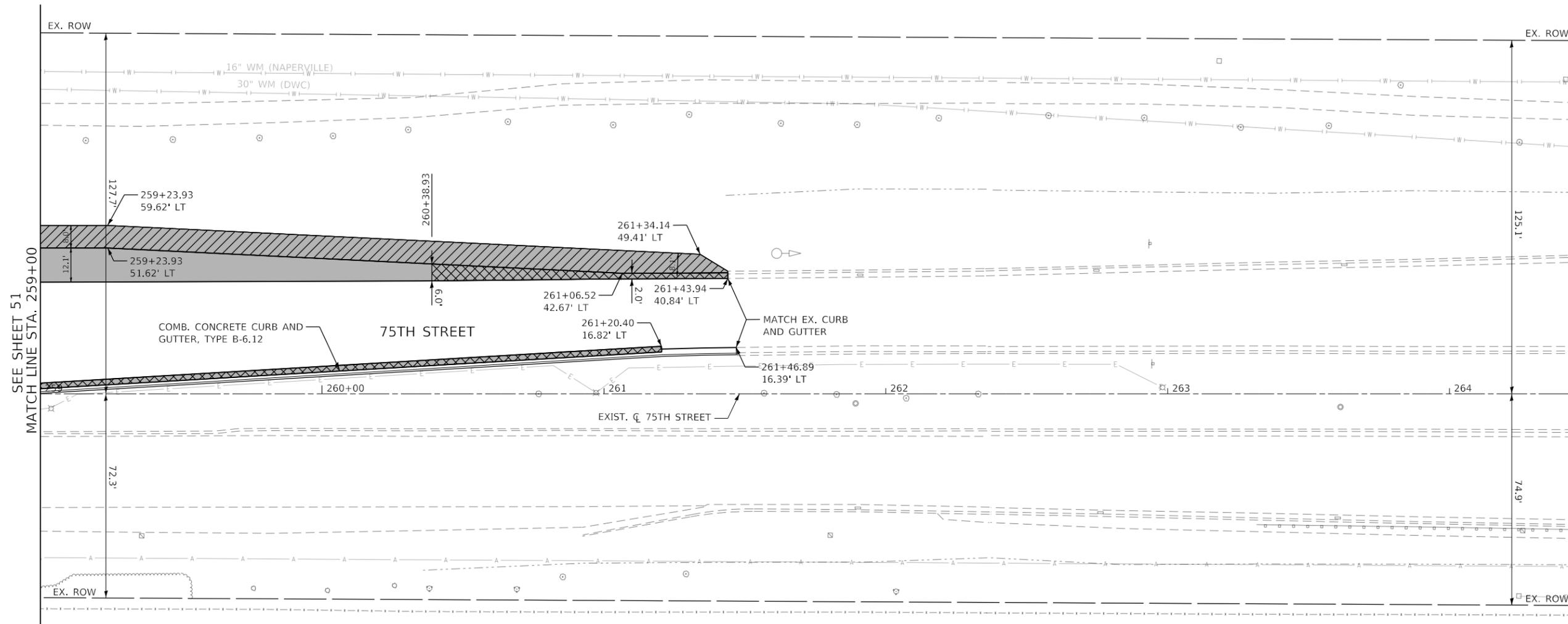
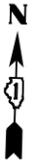
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
 75TH STREET AT OLYMPUS DRIVE**

SCALE: 1" = 20' SHEET 7 OF 11 SHEETS STA. 254+00 TO STA. 259+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	51
			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				



LEGEND

- PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"

- PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"

- PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"



MODEL: Default
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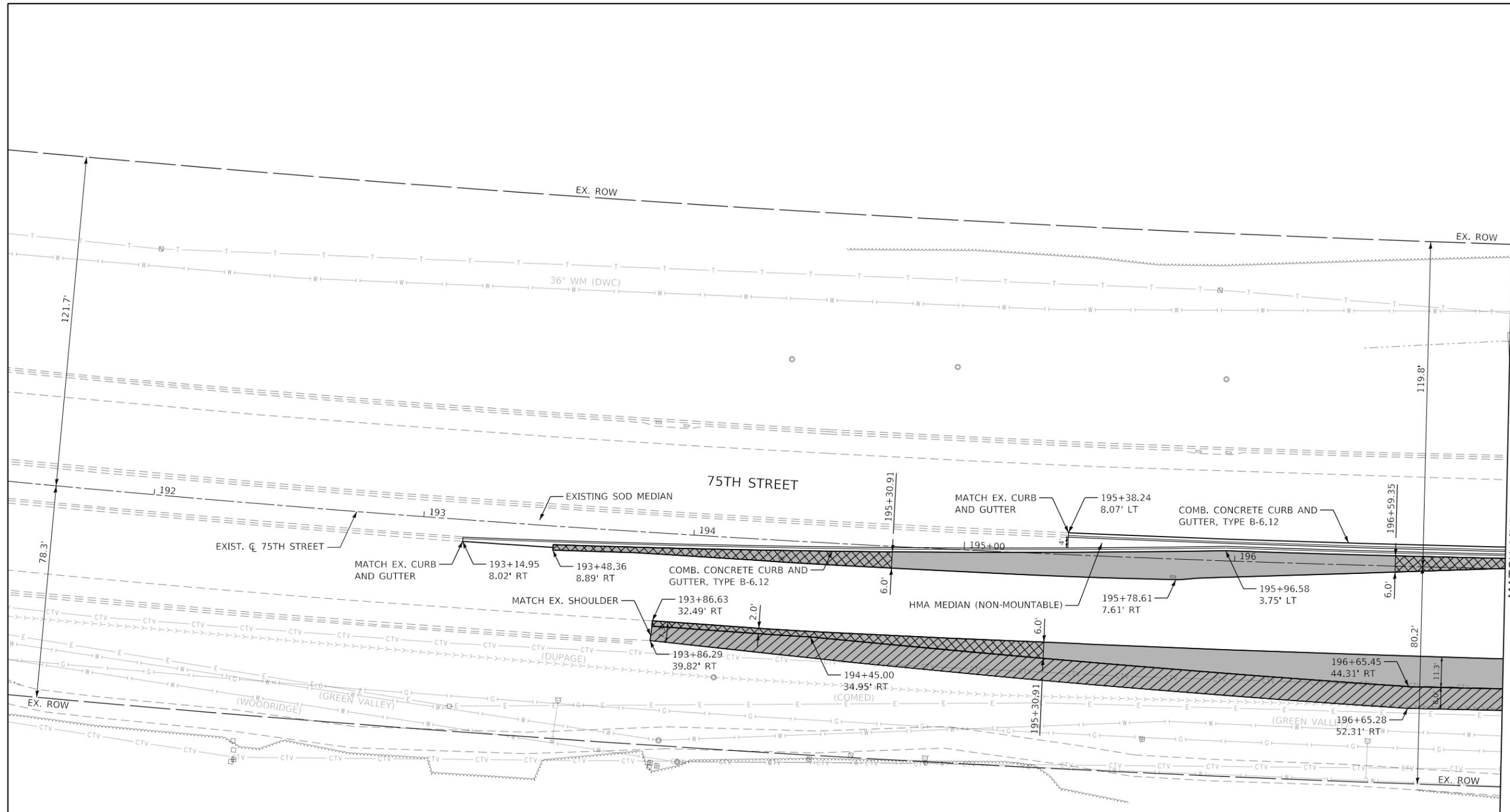
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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
 75TH STREET AT OLYMPUS DRIVE**

SCALE: 1" = 20' SHEET 8 OF 11 SHEETS STA. 259+00 TO STA. 264+46

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	52
			CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	



LEGEND

- PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"

- PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"

- PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

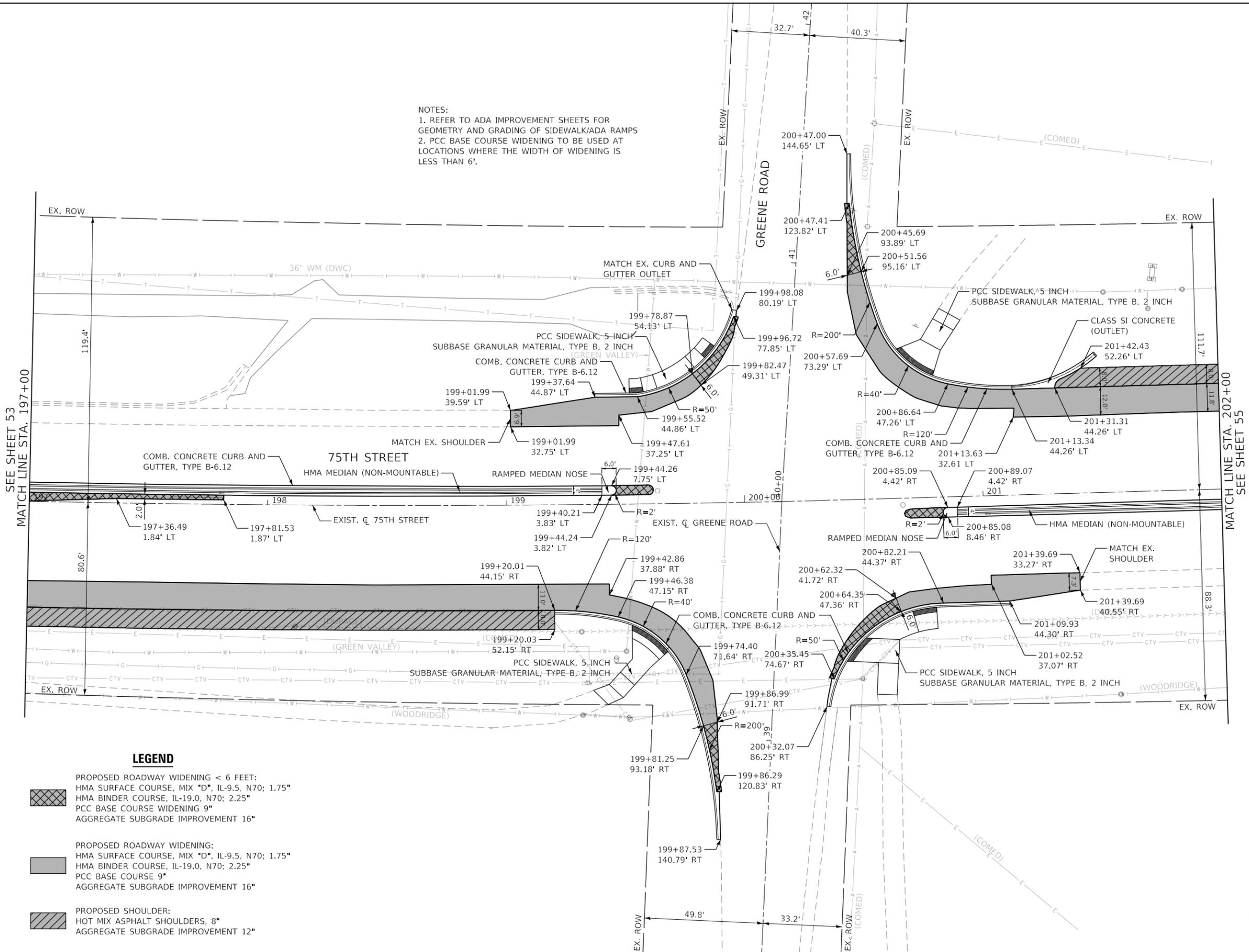
PROPOSED PLAN 75TH STREET AT GREENE ROAD			
SCALE: 1" = 20'	SHEET 9	OF 11 SHEETS	STA. 191+46 TO STA. 197+00

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 53
		CONTRACT NO. 61H29		
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 197+00
 SEE SHEET 54



NOTES:
 1. REFER TO ADA IMPROVEMENT SHEETS FOR GEOMETRY AND GRADING OF SIDEWALK/ADA RAMPS
 2. PCC BASE COURSE WIDENING TO BE USED AT LOCATIONS WHERE THE WIDTH OF WIDENING IS LESS THAN 6'.



LEGEND

- PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
- PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"



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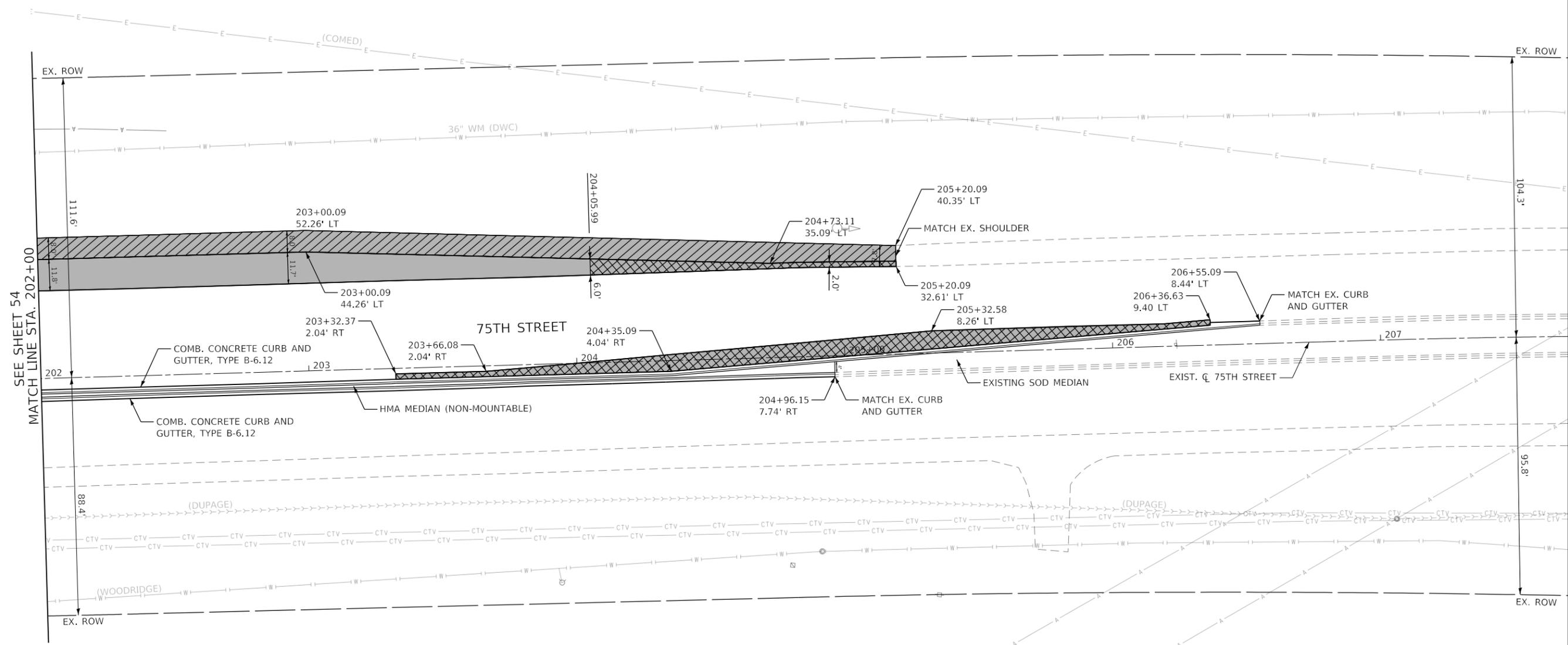


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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN	
75TH STREET AT GREENE ROAD	
SCALE: 1" = 20'	SHEET 10 OF 11 SHEETS
STA. 197+00	TO STA. 202+00

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 54
		CONTRACT NO. 61H29		
ILLINOIS FED. AID PROJECT				



SEE SHEET 54
MATCH LINE STA. 202+00

- LEGEND**
- PROPOSED ROADWAY WIDENING < 6 FEET:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE WIDENING 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
 - PROPOSED ROADWAY WIDENING:
 HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1.75"
 HMA BINDER COURSE, IL-19.0, N70; 2.25"
 PCC BASE COURSE 9"
 AGGREGATE SUBGRADE IMPROVEMENT 16"
 - PROPOSED SHOULDER:
 HOT MIX ASPHALT SHOULDERS, 8"
 AGGREGATE SUBGRADE IMPROVEMENT 12"



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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PLAN			
75TH STREET AT GREENE ROAD			
SCALE: 1" = 20'	SHEET 11	OF 11 SHEETS	STA. 202+00 TO STA. 207+70

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	

MODEL: D:\dwg\11 - DuDOT_75th_S\040056-01-002 (ENG) - 75th Street Phase III\Engineering\300 Drawings\302 CADD_Sheets\040056-01-002-01.dwg



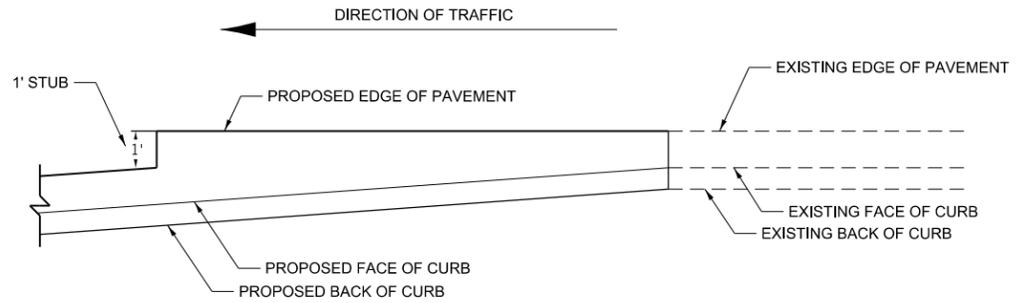
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PLOT DATE = 11/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	56
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				



CONCRETE CURB AND GUTTER WITH 1' STUB
SCALE: 1" = 2'

TRAFFIC CONTROL AND PROTECTION

1. 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. TYPE I OR TYPE II BARRICADES, DRUMS, OR VERTICAL PANELS WITH MONODIRECTIONAL STEADY-BURN LIGHTS SHALL BE REQUIRED ALONG TEMPORARY ROADS, DETOURS, AND SIDE STREETS TO DELINEATE THE TRAVELED WAY WITHIN THE CONSTRUCTION ZONE. THE MAXIMUM SPACING FOR THESE DEVICES SHALL BE 100 FEET CENTER TO CENTER.
4. 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 DEPARTMENT EXPECTS THAT TEMPORARY CONCRETE BARRIER WILL BE REQUIRED FOR A DROP OFF OF GREATER THAN 24 INCHES TO REMAIN FOR MORE THAN 24 HOURS.
5. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
6. 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.
7. TYPE I, II AND / OR III BARRICADES WITH TWO-WAY FLASHING LIGHTS WILL BE REQUIRED TO GUIDE TRAFFIC AWAY FROM PAVEMENT AREAS CLOSED FOR CONSTRUCTION.
8. WHERE REQUIRED, TRAFFIC SIGNS SHALL BE RELOCATED FOR EACH STAGE OF CONSTRUCTION.
9. ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES.
10. PRIOR TO THE START OF CONSTRUCTION, REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
11. ANY EXCAVATION OF MORE THAN 24" SHALL BE FILLED WITH AGGREGATE AT THE END OF THE DAY TO MAINTAIN A DROP-OFF OF LESS THAN 24".

THE FOLLOWING TRAFFIC CONTROL STANDARDS ARE THE MINIMUM REQUIREMENTS FOR THE TRAFFIC CONTROL FOR THIS PROJECT:

701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS \geq 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS \geq 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS \geq 45 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

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.

1. PEDESTRIAN ACCESS MAY BE MAINTAINED THROUGH A COMBINATION OF EXISTING OR PROPOSED PEDESTRIAN ROUTES AND THE USE OF TEMPORARY STONE. THE CONTRACTOR SHALL PLAN THE SEQUENCE OF WORK SUCH THAT PEDESTRIAN ACCESS IS MAINTAINED THROUGH THE PROJECT LIMITS WITH AT LEAST THE FOLLOWING MINIMUM LEVELS OF ACCESS:
 - 1.1 BIKE PATH AND CROSSWALKS ALONG THE SOUTH LEG OF MODAFF RD. AND ALONG THE EAST CROSSING OF 75TH ST. AT MODAFF RD. MUST REMAIN IN SERVICE AT ALL TIMES, EXCEPT WHEN CONNECTING PROPOSED WORK TO THE EXISTING PATH.
 - 1.2 BIKE PATH AND CROSSWALKS AT THE INTERSECTION OF OLYMPUS DR. AND 75TH ST. MUST REMAIN IN SERVICE AT ALL TIMES, EXCEPT WHEN CONNECTING PROPOSED WORK TO THE EXISTING PATH.
 - 1.3 BIKE PATH AND CROSSWALKS ALONG THE SOUTH LEG OF GREENE RD AND ALONG THE EAST CROSSING OF 75TH ST. AT GREENE RD. MUST REMAIN IN SERVICE AT ALL TIMES, EXCEPT WHEN CONNECTING PROPOSED WORK THE EXISTING PATH.

PRE-STAGE

1. INSTALL TEMPORARY TRAFFIC CONTROL AND SIGNING
2. INSTALL TEMPORARY TRAFFIC SIGNALS
3. CONNECT EXISTING ADVANCED WARNING FLASHERS ON WB AND EB 75TH ST. APPROACHING GREENE RD. AND WB AND EB 75TH ST. APPROACHING OLYMPUS DR. TO TEMPORARY SIGNALS.
4. INSTALL EROSION AND SEDIMENTATION CONTROL DEVICES

STAGE 1

STAGE 1A:

1. PROVIDE ONE 12' THROUGH LANE AND ONE 12' LEFT TURN LANE FOR WESTBOUND 75TH STREET AT GREENE ROAD UTILIZING AN OVERNIGHT LANE CLOSURE
2. REMOVE CURB AND GUTTER, PAVEMENT AND OTHER APPURTENANCES THAT ARE IN CONFLICT WITH THE PROPOSED RIGHT TURN LANE WIDENING.
3. EXCAVATE THE PROPOSED RIGHT TURN WIDENING AND SHOULDER
4. PLACE AGGREGATE SUBGRADE - 16" AND AGGREGATE SUBGRADE - 12"
5. REMOVE THE OVERNIGHT LANE CLOSURE WITHIN SEVEN (7) CALENDAR DAYS AND INSTALL TRAFFIC CONTROL DEVICES IN THE EXCAVATED AREA

STAGE 1B:

1. PROVIDE ONE 12' THROUGH LANE AND ONE 12' LEFT TURN LANE FOR EASTBOUND 75TH STREET AT GREENE ROAD UTILIZING AN OVERNIGHT LANE CLOSURE
2. REMOVE CURB AND GUTTER, PAVEMENT AND OTHER APPURTENANCES THAT ARE IN CONFLICT WITH THE PROPOSED RIGHT TURN LANE WIDENING.
3. EXCAVATE THE PROPOSED RIGHT TURN WIDENING AND SHOULDER
4. PLACE AGGREGATE SUBGRADE - 16" AND AGGREGATE SUBGRADE - 12"
5. REMOVE THE OVERNIGHT LANE CLOSURE WITHIN SEVEN (7) CALENDAR DAYS AND INSTALL TRAFFIC CONTROL DEVICES IN THE EXCAVATED AREA

STAGE 1C:

1. PROVIDE ONE 12' THROUGH LANE AND ONE 12' LEFT TURN LANE FOR WESTBOUND 75TH STREET AT MILLBROOK DRIVE, MODAFF ROAD, AND OLYMPUS DRIVE UTILIZING AN OVERNIGHT LANE CLOSURE
 2. REMOVE CURB AND GUTTER, PAVEMENT AND OTHER APPURTENANCES THAT ARE IN CONFLICT WITH THE PROPOSED RIGHT TURN LANE WIDENING.
 3. EXCAVATE THE PROPOSED RIGHT TURN WIDENING AND SHOULDER
 4. PLACE AGGREGATE SUBGRADE - 16" AND AGGREGATE SUBGRADE - 12"
 5. REMOVE THE OVERNIGHT LANE CLOSURE WITHIN FOURTEEN (14) CALENDAR DAYS AND INSTALL TRAFFIC CONTROL DEVICES IN THE EXCAVATED AREA
- NOTE: THE WESTBOUND RIGHT TURN LANE AT OLYMPUS DR. SHALL BE CONSTRUCTED BETWEEN THE DATES OF 5/30/22 AND 8/10/22 ONLY.

STAGE 1D:

1. PROVIDE ONE 12' THROUGH LANE AND ONE 12' LEFT TURN LANE FOR EASTBOUND 75TH STREET AT MODAFF ROAD AND OLYMPUS DRIVE UTILIZING AN OVERNIGHT LANE CLOSURE
 2. REMOVE CURB AND GUTTER, PAVEMENT AND OTHER APPURTENANCES THAT ARE IN CONFLICT WITH THE PROPOSED RIGHT TURN LANE WIDENING.
 3. EXCAVATE THE PROPOSED RIGHT TURN WIDENING AND SHOULDER
 4. PLACE AGGREGATE SUBGRADE - 16" AND AGGREGATE SUBGRADE - 12"
 5. REMOVE THE OVERNIGHT LANE CLOSURE WITHIN TEN (10) CALENDAR DAYS AND INSTALL TRAFFIC CONTROL DEVICES IN THE EXCAVATED AREA.
- NOTE: THE EASTBOUND RIGHT TURN LANE AT OLYMPUS DR. SHALL BE CONSTRUCTED BETWEEN THE DATES OF 5/30/22 AND 8/10/22 ONLY.

THE ABOVE STAGES 1A-1D WILL NEED TO BE CONSTRUCTED SEPARATELY. NO WORK IN THESE STAGES WILL BE ALLOWED CONCURRENTLY.

THE FOLLOWING WORK WILL BE COMPLETE BEFORE STAGE 2 DONE UNDER DAILY LANE CLOSURES:
CONCRETE WORK, PCC BASE COURSE, HMA BINDER COURSE, HMA SURFACE COURSE, HMA SHOULDERS, AND ALL OTHER APPURTENANCES ASSOCIATED WITH THE CONSTRUCTION OF THE RIGHT TURN LANES AND SHOULDERS.

NOTE: DAILY LANE CLOSURES SHALL BE REMOVED BY 4:00 PM EACH DAY

STAGE 2

STAGE 2A:

1. CLOSE THRU LANE FOR WESTBOUND 75TH STREET AT GREENE ROAD UTILIZING A DAILY LANE CLOSURE
 2. REMOVE CURB AND GUTTER AND EXCAVATE FOR THE PROPOSED LEFT TURN LANE EXTENSION.
 3. PLACE AGGREGATE SUBGRADE - 16"
- NOTE: ANY EXCAVATION OF MORE THAN 24" SHALL BE FILLED WITH AGGREGATE SUBGRADE AT THE END OF THE DAY TO MAINTAIN A DROP-OFF OF LESS THAN 24"

STAGE 2B:

1. CLOSE THRU LANE FOR EASTBOUND 75TH STREET AT GREENE ROAD UTILIZING A DAILY LANE CLOSURE
2. REMOVE CURB AND GUTTER AND EXCAVATE FOR THE PROPOSED LEFT TURN LANE.
3. PLACE AGGREGATE SUBGRADE - 16" AND INSTALL TRAFFIC CONTROL DEVICES IN THE EXCAVATED AREA.

STAGE 2C:

1. PROVIDE ONE 12' THROUGH LANE AND ONE 12' LEFT TURN LANE FOR WESTBOUND 75TH STREET AT MODAFF ROAD AND OLYMPUS DRIVE UTILIZING AN OVERNIGHT LANE CLOSURE
2. REMOVE CURB AND GUTTER AND EXCAVATE FOR THE PROPOSED LEFT TURN LANES.
3. PLACE AGGREGATE SUBGRADE - 16"
4. REMOVE THE OVERNIGHT LANE CLOSURE WITHIN FOUR (4) CALENDAR DAYS AND INSTALL TRAFFIC CONTROL DEVICES IN THE EXCAVATED AREA

STAGE 2D:

1. PROVIDE ONE 12' THROUGH LANE AND ONE 12' LEFT TURN LANE FOR EASTBOUND 75TH STREET AT MODAFF ROAD AND OLYMPUS DRIVE UTILIZING AN OVERNIGHT LANE CLOSURE
2. REMOVE CURB AND GUTTER AND EXCAVATE FOR THE PROPOSED LEFT TURN LANES.
3. PLACE AGGREGATE SUBGRADE - 16"
4. REMOVE THE OVERNIGHT LANE CLOSURE WITHIN FOUR (4) CALENDAR DAYS AND INSTALL TRAFFIC CONTROL DEVICES IN THE EXCAVATED AREA

THE FOLLOWING WORK WILL BE COMPLETED AFTER STAGE 2A-2D ABOVE AND DONE UNDER DAILY LANE CLOSURES:
CONCRETE WORK (CURB & GUTTER, MEDIAN WORK) , PCC BASE COURSE, HMA BINDER COURSE, HMA SURFACE COURSE, AND ALL OTHER APPURTENANCES ASSOCIATED WITH THE CONSTRUCTION OF THE LEFT TURN LANES.

NOTE: DAILY LANE CLOSURES SHALL BE REMOVED BY 4:00 PM EACH DAY

PERMANENT TRAFFIC SIGNAL INSTALLATION SHALL BE DONE UNDER DAILY LANE CLOSURES BUT MAY BE DONE CONCURRENTLY WITH THE OVERNIGHT AND DAILY LANE CLOSURES.

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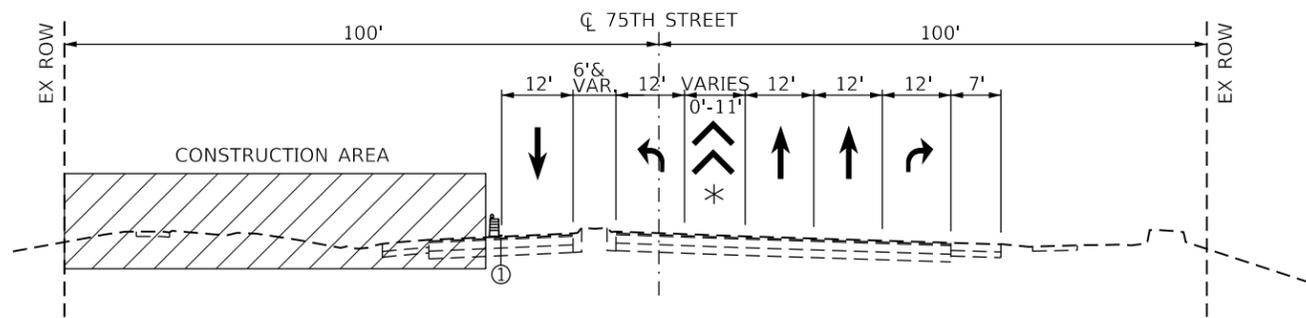
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

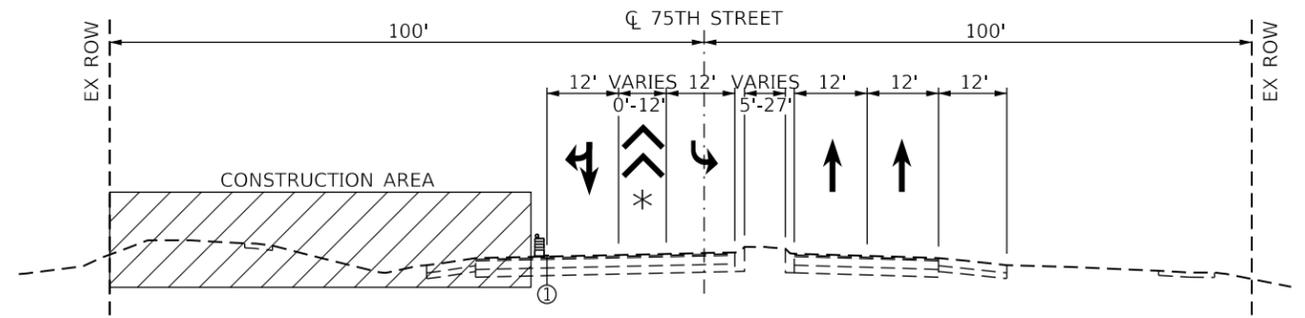
**MAINTENANCE OF TRAFFIC
STAGING NOTES**

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

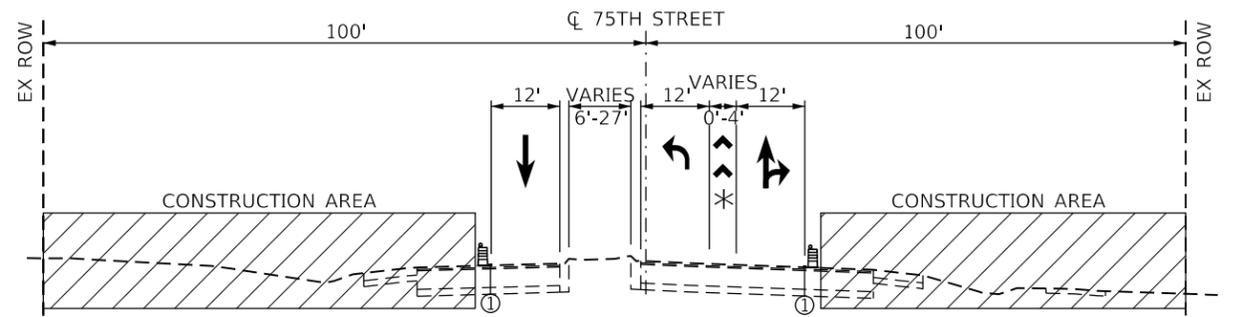
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				CONTRACT NO. 61H29
		ILLINOIS	FED. AID PROJECT	



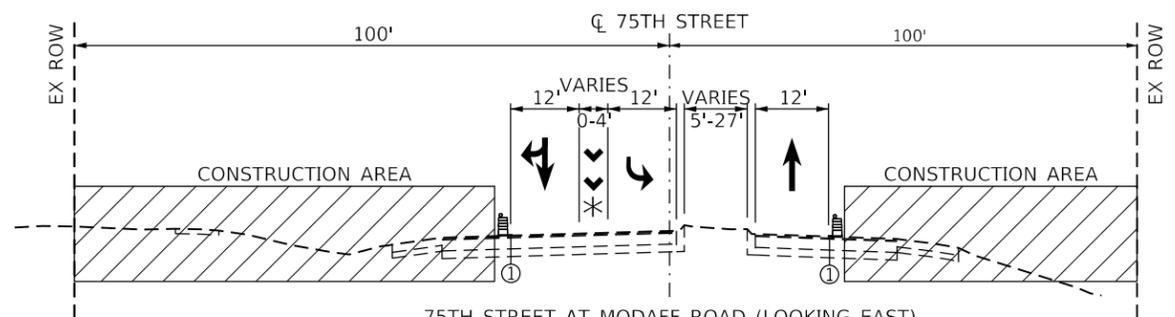
75TH STREET AT MILLBROOK DRIVE (LOOKING EAST)
STA. 186+51.44 TO STA. 187+18.35



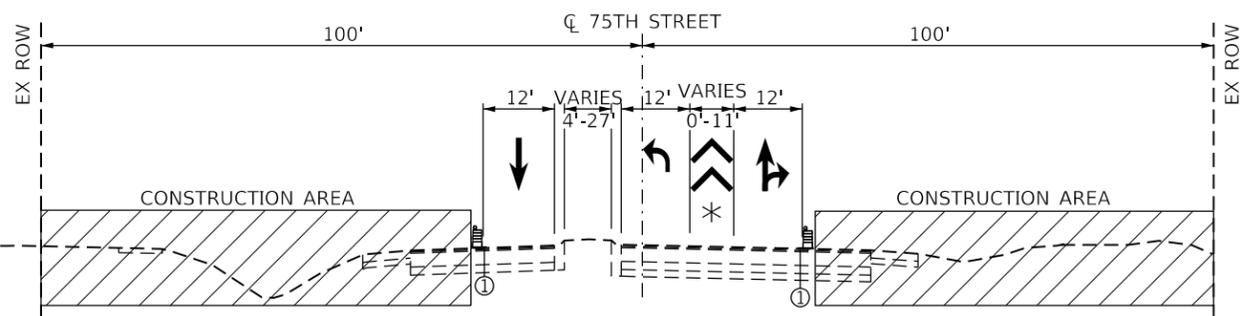
75TH STREET AT MILLBROOK DRIVE (LOOKING EAST)
STA. 188+38.50 TO STA. 192+73.29



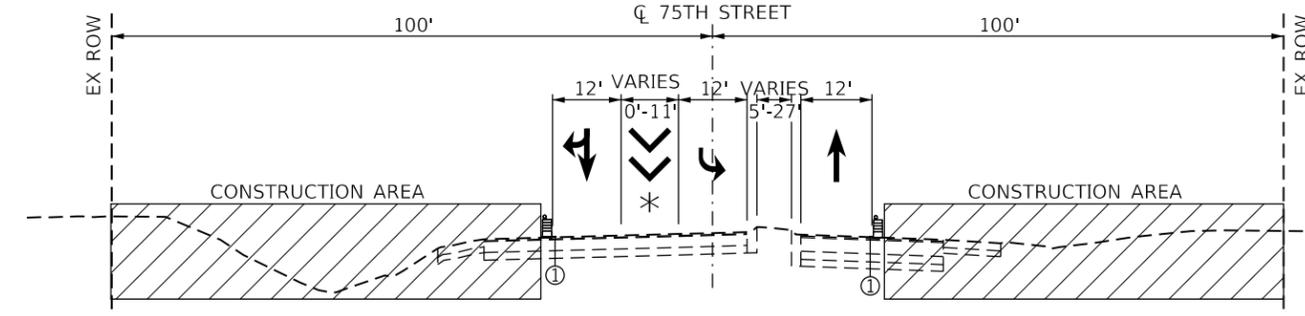
75TH STREET AT MODAFF ROAD (LOOKING EAST)
STA. 232+08.68 TO STA. 232+59.32



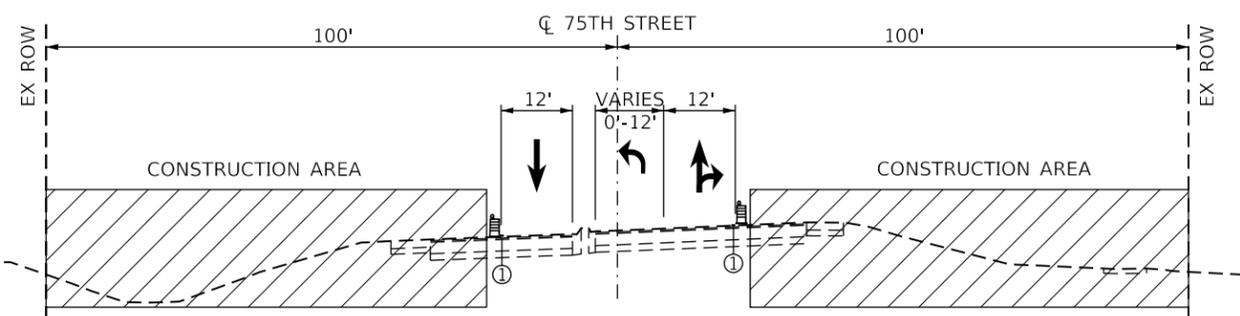
75TH STREET AT MODAFF ROAD (LOOKING EAST)
STA. 233+87.37 TO STA. 238+22.08



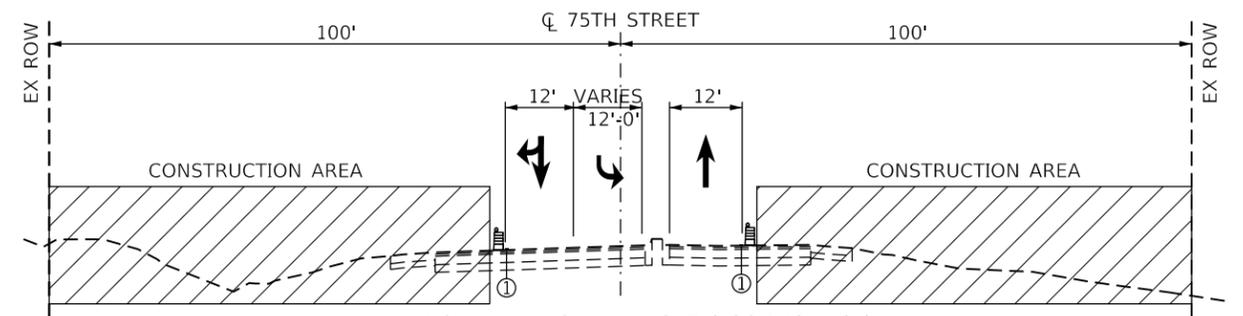
75TH STREET AT OLYMPUS DRIVE (LOOKING EAST)
STA. 255+39.96 TO STA. 255+79.64



75TH STREET AT OLYMPUS DRIVE (LOOKING EAST)
STA. 257+08.96 TO STA. 257+87.46



75TH STREET AT GREENE ROAD (LOOKING EAST)
STA. 198+93.18 TO STA. 199+49.16



75TH STREET AT GREENE ROAD (LOOKING EAST)
STA. 200+77.82 TO STA. 201+39.81

NOTE: SEE MOT TYPICALS STAGE 2 FOR LEGEND

MODEL: Default
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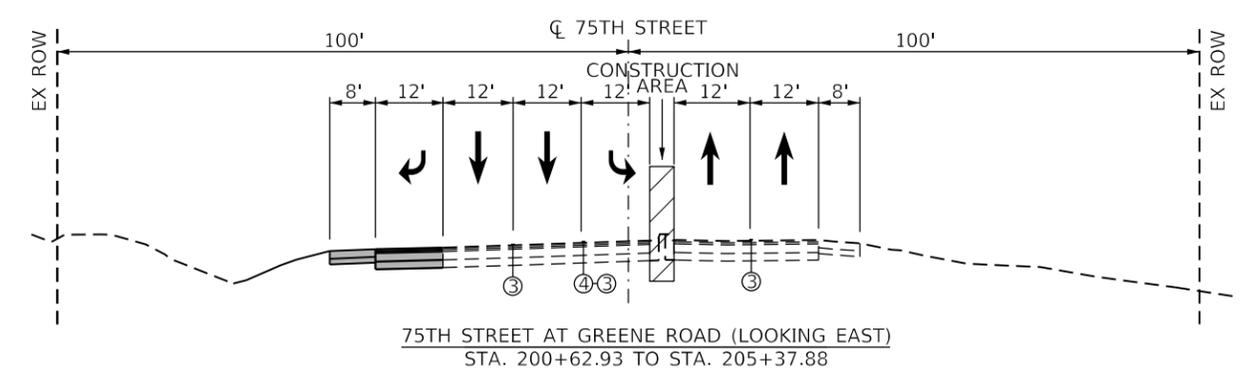
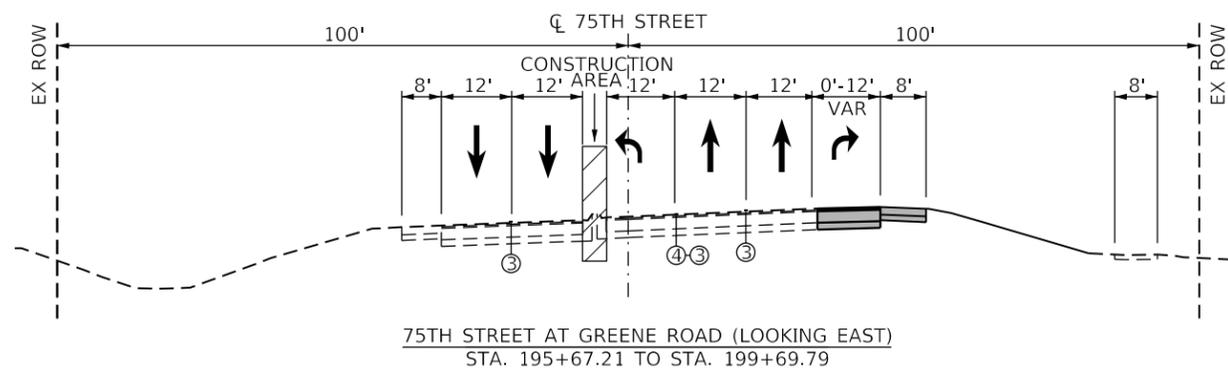
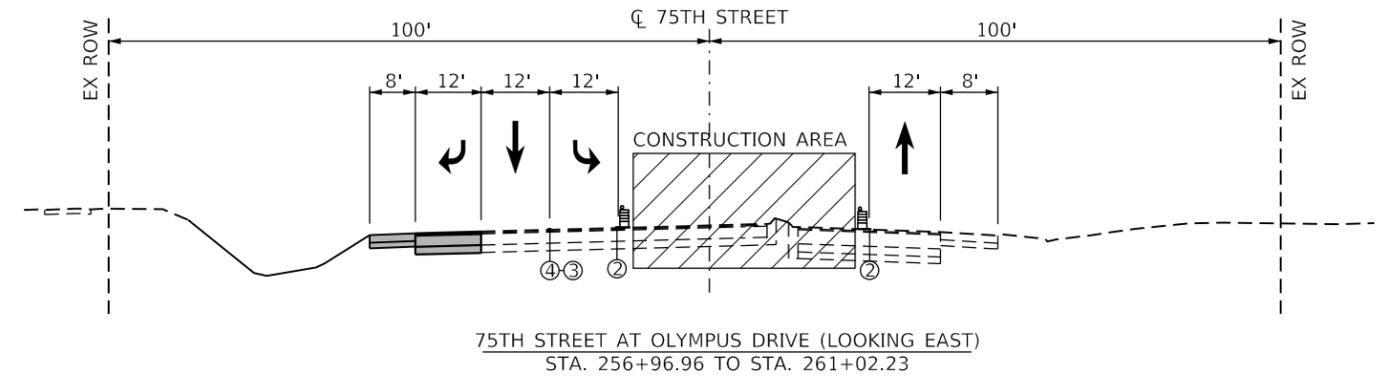
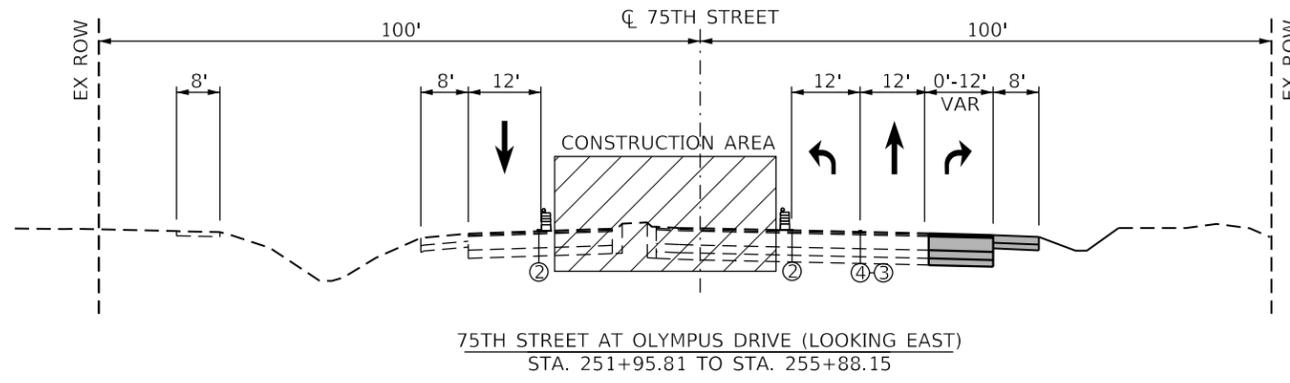
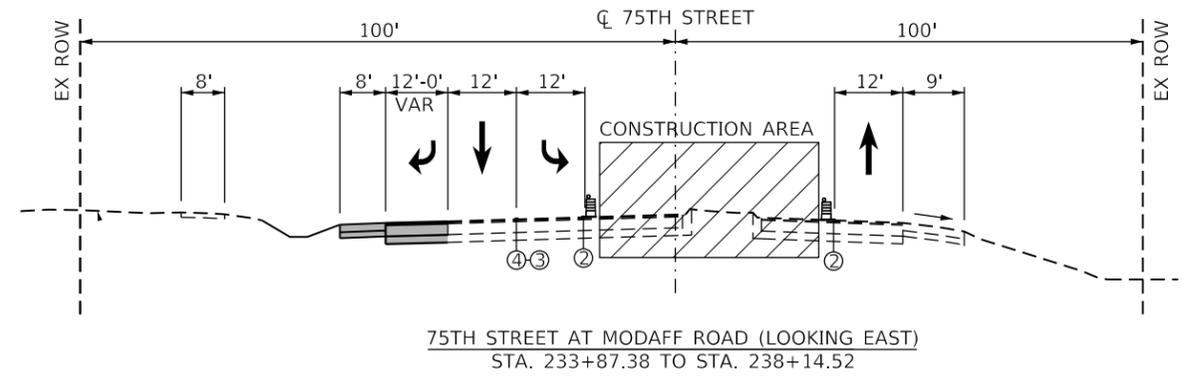
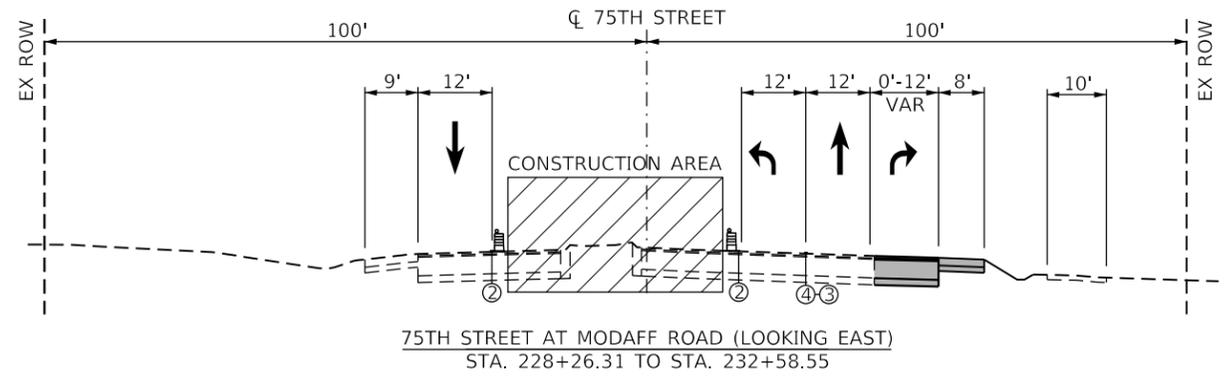


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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE 1			
TYPICAL SECTIONS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 58
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	



LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH WHITE, 6' SKIP - 2' DASH)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- * PAINTED STRIPED MEDIAN

MODEL: Default
FILE NAME: W:\S00_Drawing\502_CADD_Sheets\04055-sh-1-MOT\bylca102.dgn



USER NAME = mtomaszewski	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

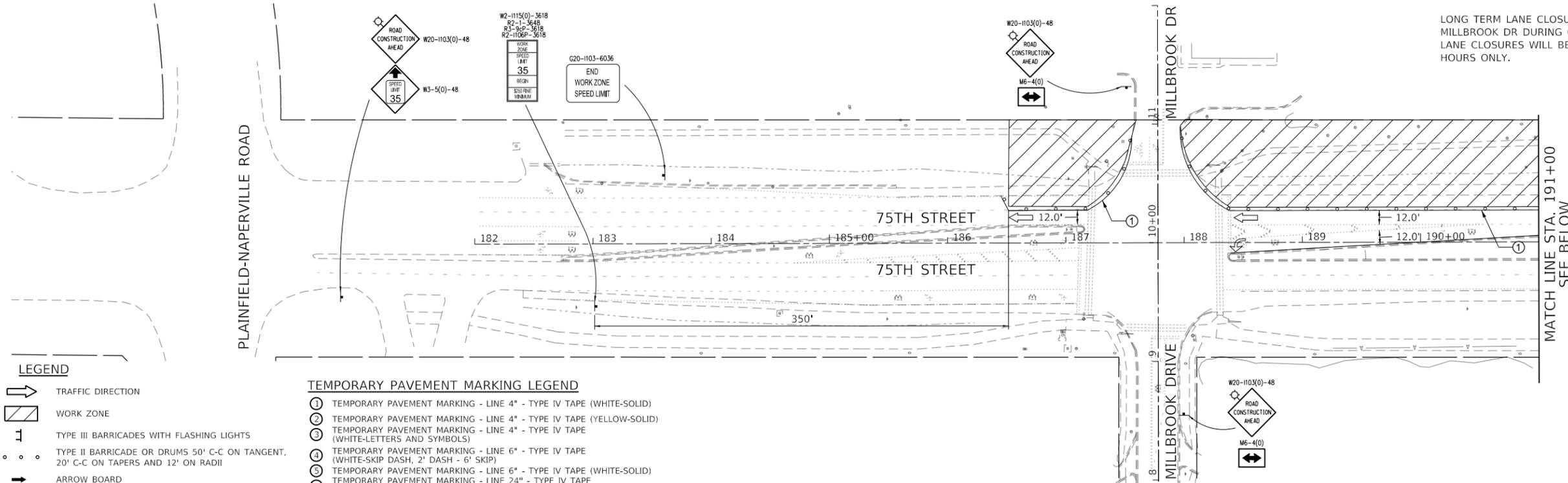
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE 2 TYPICAL SECTIONS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 59
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	

NOTES:
 WORK AT 75TH ST/MILLBROOK DR INTERSECTION WILL ONLY REQUIRE ONE STAGE OF CONSTRUCTION.

LONG TERM LANE CLOSURES ARE PROHIBITED ON MILLBROOK DR DURING CONSTRUCTION. SHORT TERM LANE CLOSURES WILL BE PERMITTED DURING OFF-PEAK HOURS ONLY.



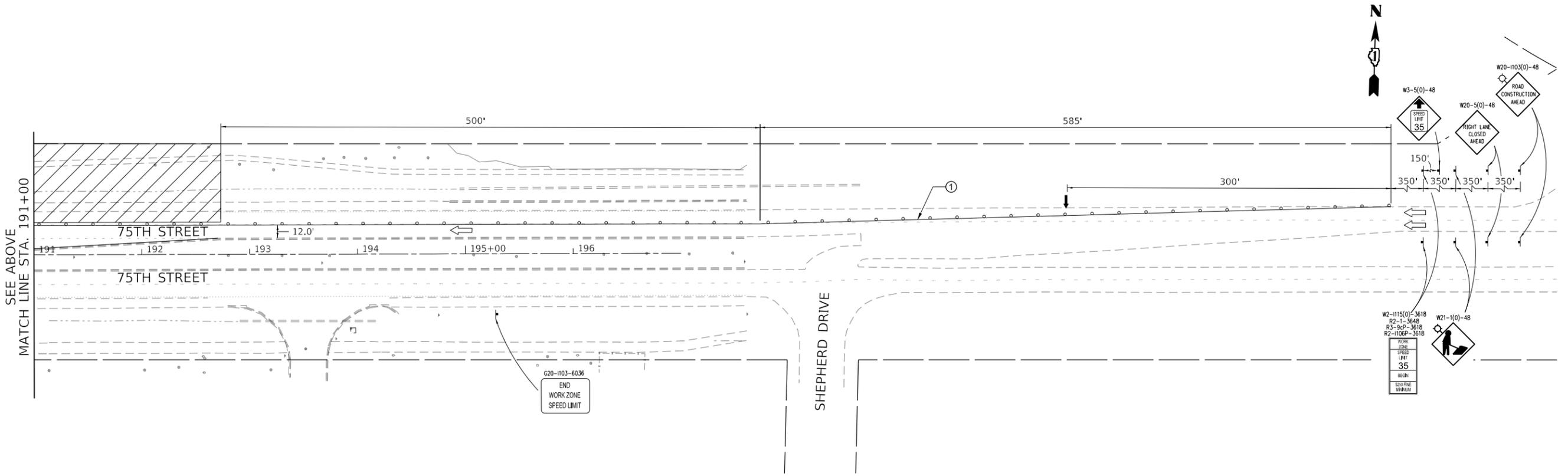
LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2' DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

NOTES:
 1. EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
 2. USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER



MODEL: D:\p\11\110000\Drawings\502_CADD_Sheets\040555-sh-11-MOT_millbrook_Sstage1.dgn
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USER NAME = mtomaszewski	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1

SCALE: 1" = 50' SHEET 1 OF 6 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	60
ILLINOIS			CONTRACT NO. 61H29	
FED. AID PROJECT				

LEGEND

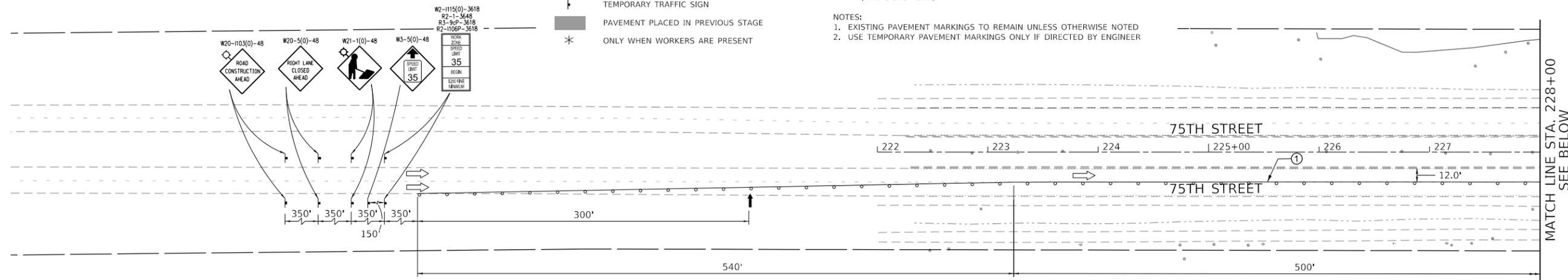
- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

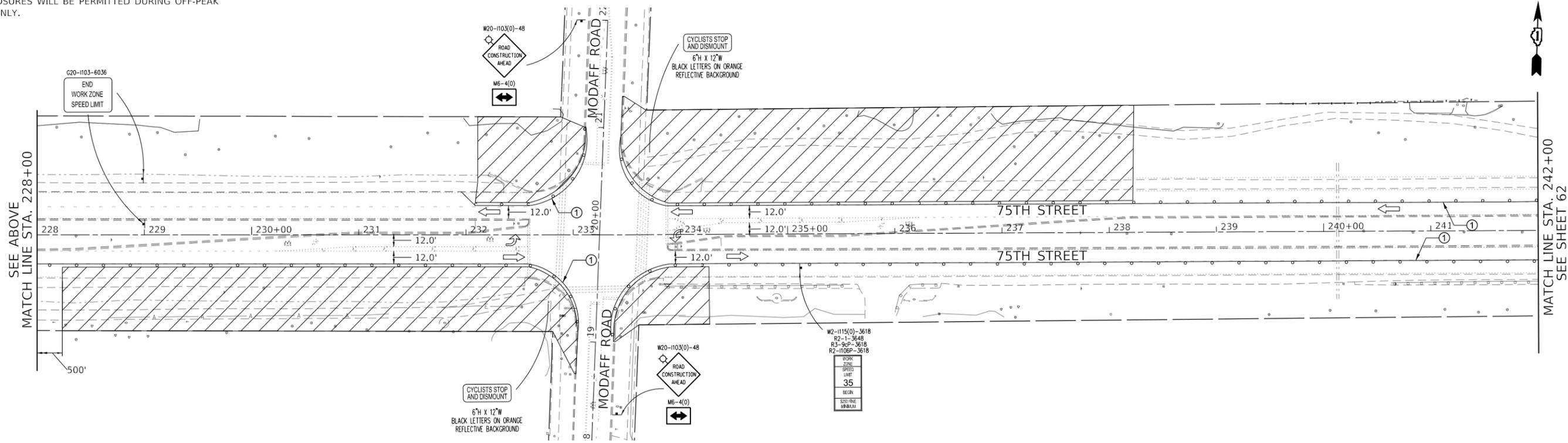
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2' DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

NOTES:

1. EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
2. USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER



NOTE:
LONG TERM LANE CLOSURES ARE PROHIBITED ON MODAFF RD DURING CONSTRUCTION. SHORT TERM LANE CLOSURES WILL BE PERMITTED DURING OFF-PEAK HOURS ONLY.



MODEL: D:\p1\18-0223-04-5P\CADD_Sheets\18-0223-04-5P-ht-MOT_mmodaff_Stage1.dgn



USER NAME = mtomaszewski	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1

SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00223-04-5P	DUPAGE	215	61
			CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	

LEGEND

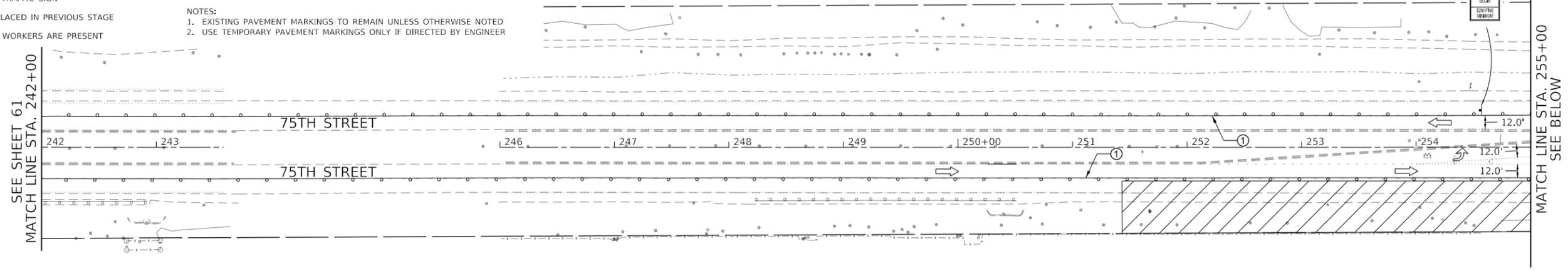
- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- * ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

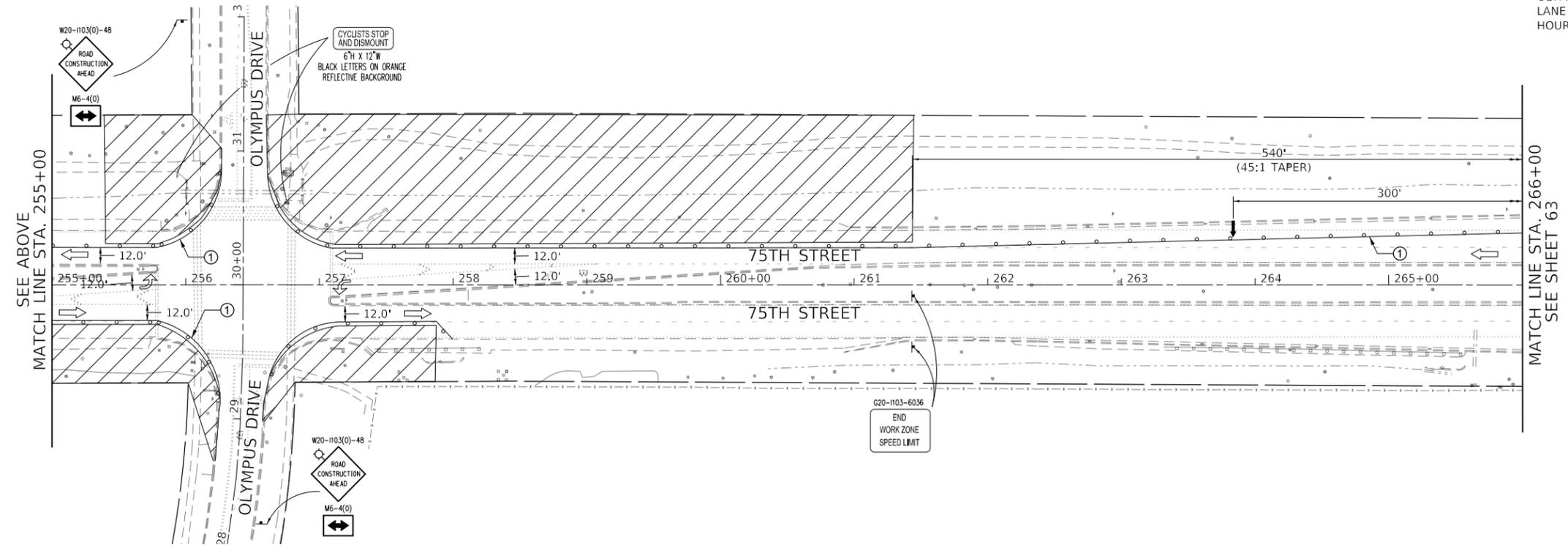
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2' DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

NOTES:
 1. EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
 2. USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER

W2-1115(0)-3618
R2-1-3648
R3-9P-3618
R2-1105P-3618
WORK ZONE
SPEED LIMIT
35
BEGIN
RESUME
END



NOTE:
 LONG TERM LANE CLOSURES ARE PROHIBITED ON OLYMPUS DR DURING CONSTRUCTION. SHORT TERM LANE CLOSURES WILL BE PERMITTED DURING OFF-PEAK HOURS ONLY.



MODEL: Default
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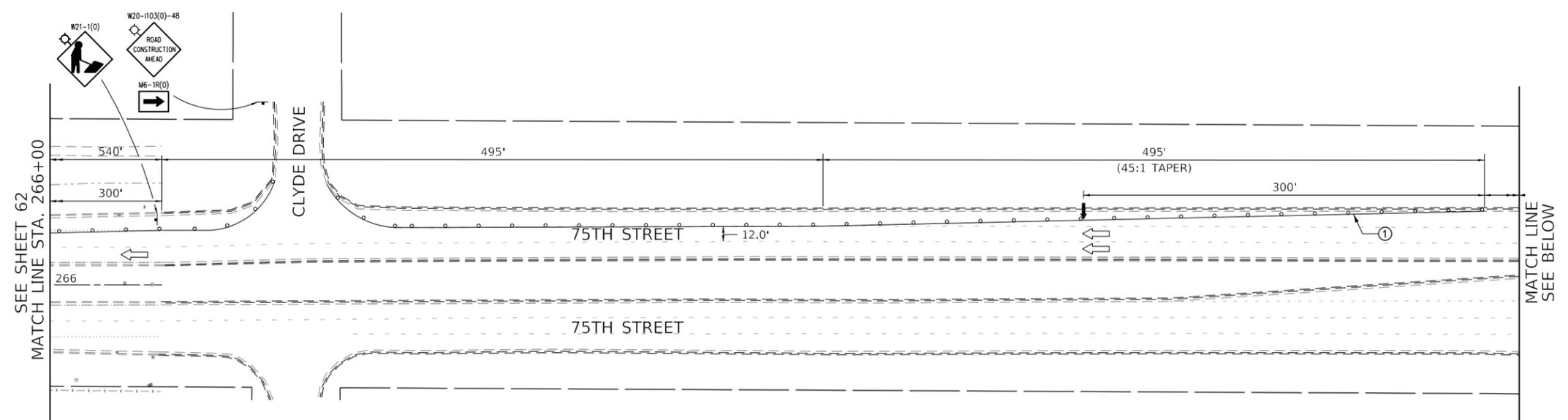
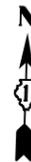
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1

SCALE: 1" = 50' SHEET 3 OF 6 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	62
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				



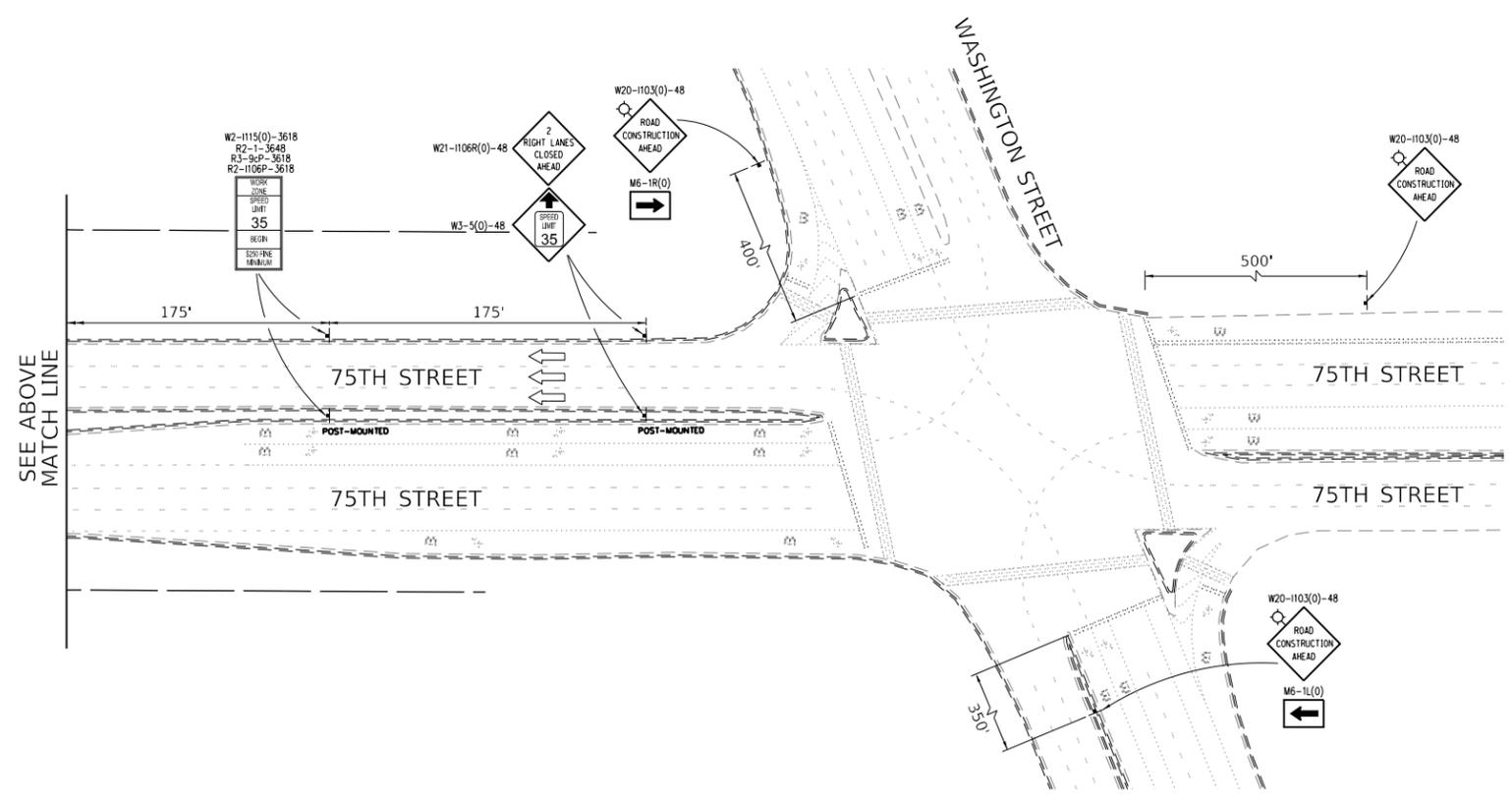
LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2' DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

- NOTES:**
1. EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
 2. USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER



MODEL: Default
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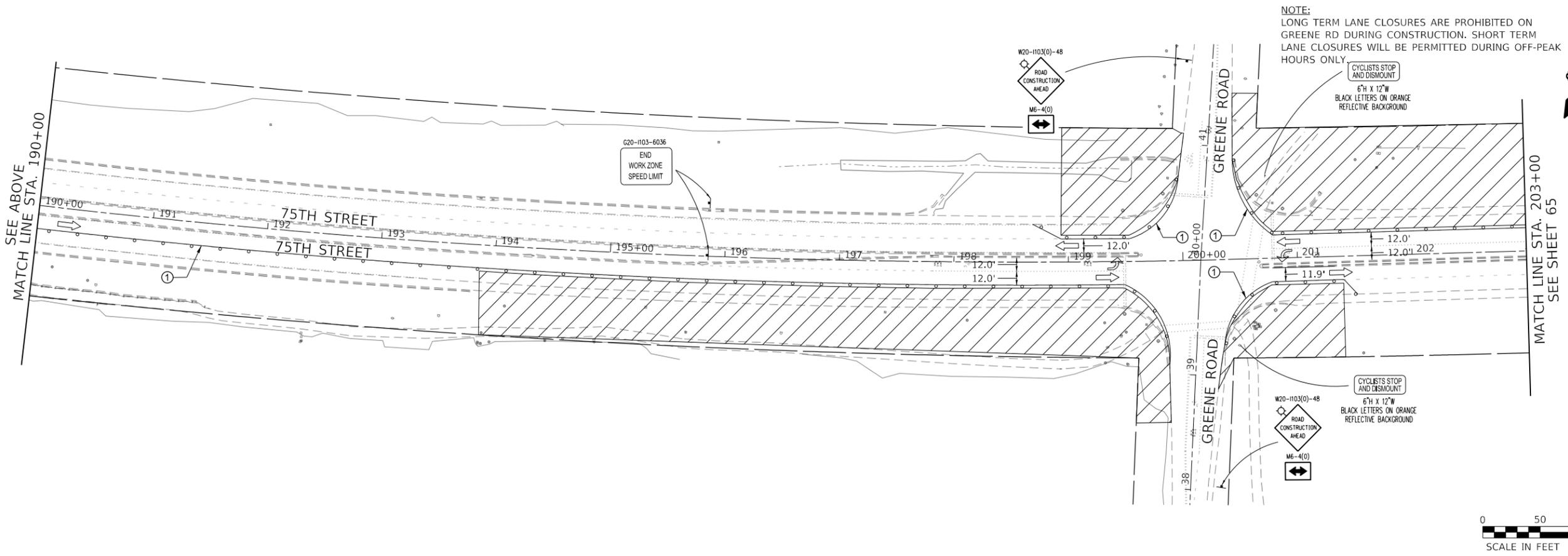
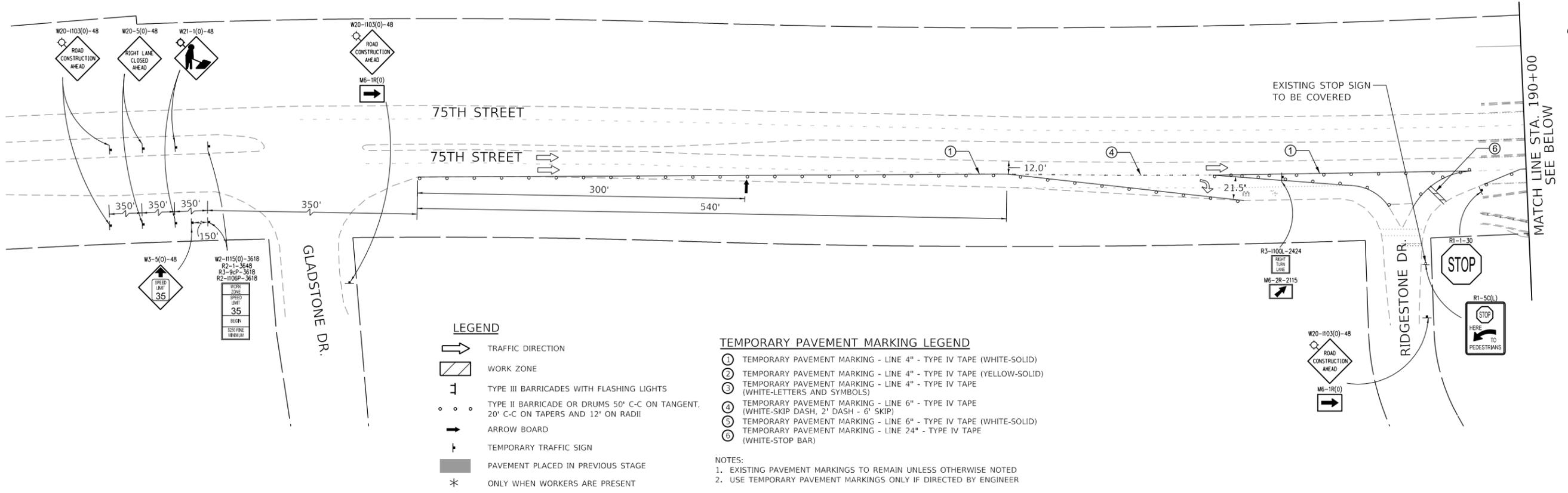
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PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1

SCALE: 1" = 50' SHEET 4 OF 6 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	63
			CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	



MODEL: Default
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PLOT DATE = 11/24/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

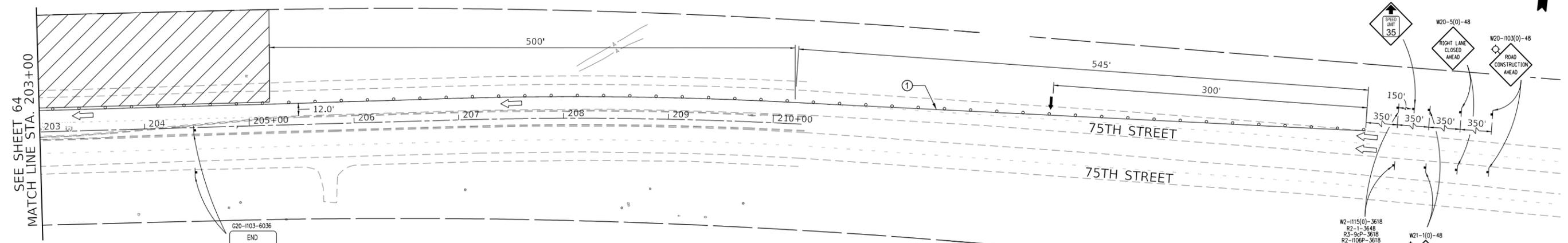
MAINTENANCE OF TRAFFIC STAGE 1

SCALE: 1" = 50' SHEET 5 OF 6 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 64
ILLINOIS		FED. AID PROJECT		



IDOT Highway Standard 701422
 45/1 Taper Ratio
 500' Tangent beyond start of work
 $w=12.1'$ therefore $L=545'$



LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2' DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

NOTES:
 1. EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
 2. USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER



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USER NAME = mtomaszewski	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 11/24/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1

SCALE: 1" = 50' SHEET 6 OF 6 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	65
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				

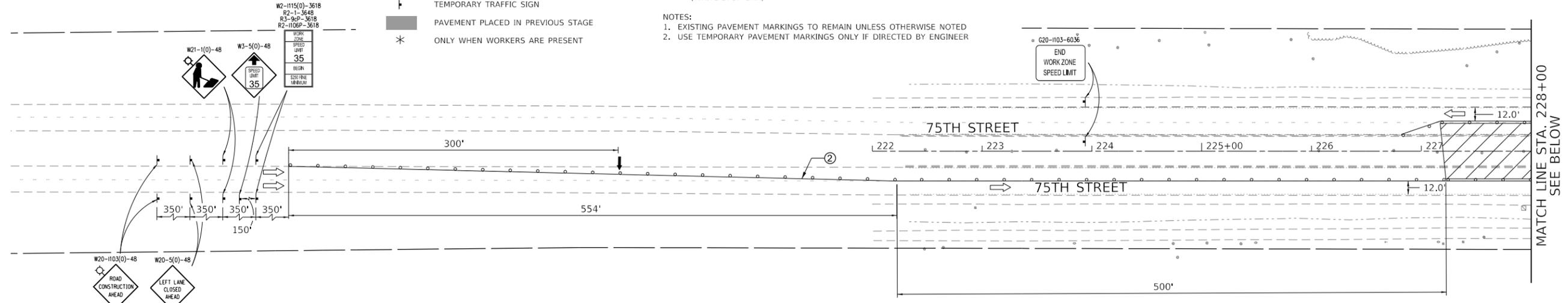
LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- ONLY WHEN WORKERS ARE PRESENT

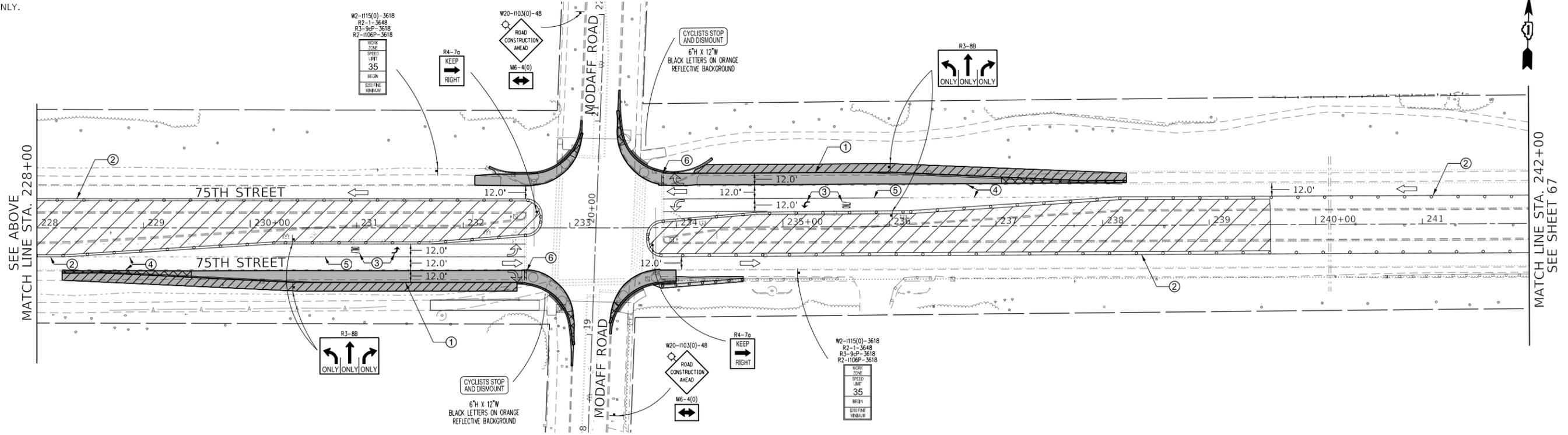
TEMPORARY PAVEMENT MARKING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2" DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

- NOTES:**
- EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
 - USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER



NOTE:
LONG TERM LANE CLOSURES ARE PROHIBITED ON MODAFF RD DURING CONSTRUCTION. SHORT TERM LANE CLOSURES WILL BE PERMITTED DURING OFF-PEAK HOURS ONLY.



MODEL: Default
FILE: \bldg\wps300_Drawing\502_CADD_Sheets\040556-sh1-MOD_mmodaff_Stage2.dgn



USER NAME = mtomaszewski	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2

SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	66
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				

LEGEND

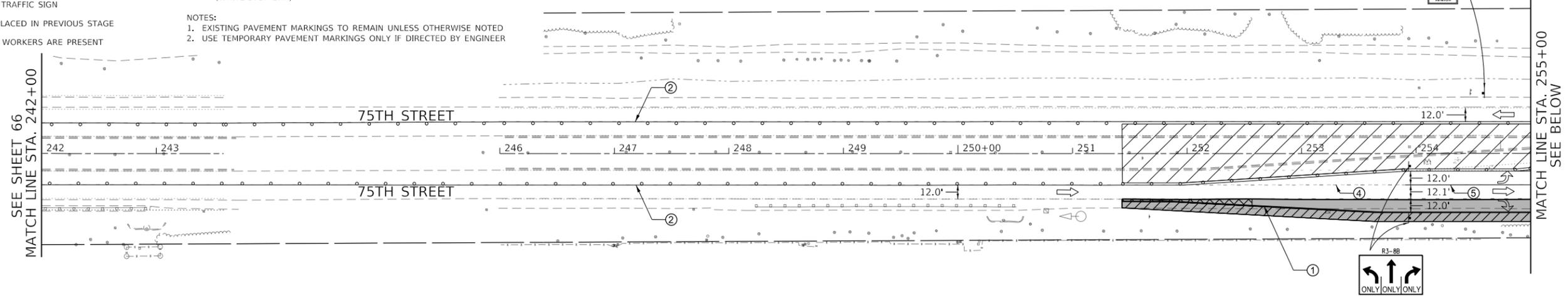
- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

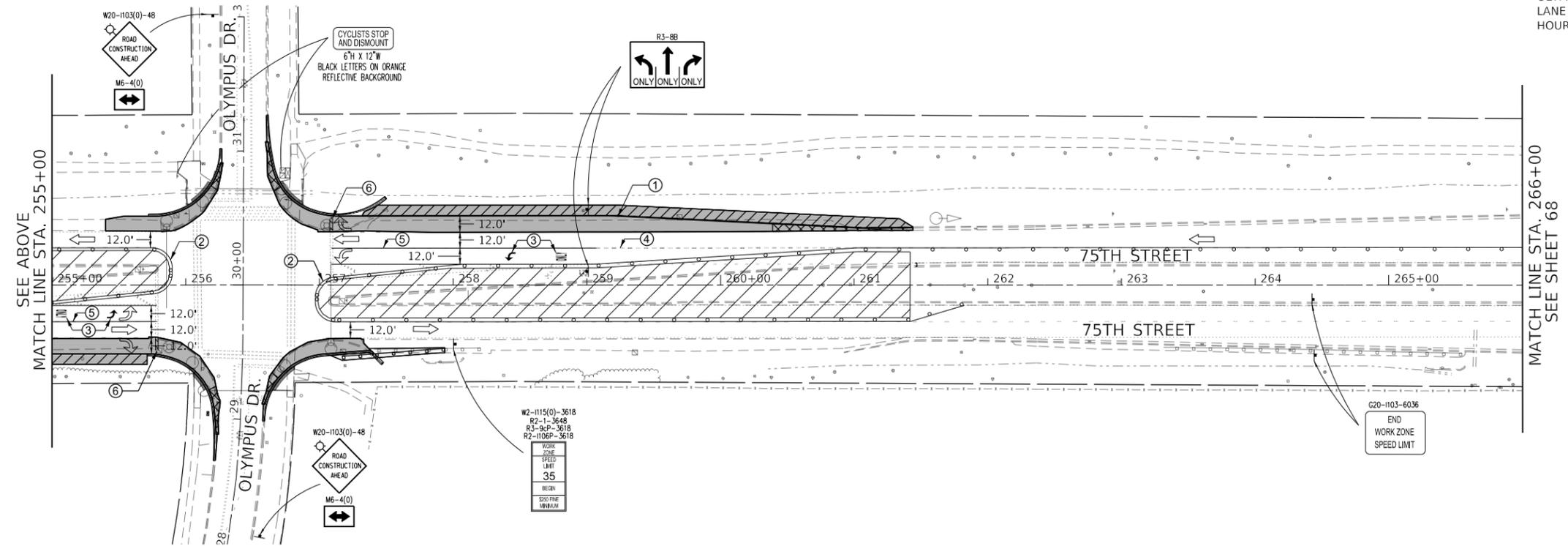
- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2' DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

- NOTES:**
1. EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
 2. USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER

W2-1115(0)-3618
R2-1-3648
R3-9CP-3618
R2-1106P-3618
WORK ZONE SPEED LIMIT
35
BEEN
END WORK ZONE
SPEED LIMIT



NOTE:
LONG TERM LANE CLOSURES ARE PROHIBITED ON OLYMPUS DR DURING CONSTRUCTION. SHORT TERM LANE CLOSURES WILL BE PERMITTED DURING OFF-PEAK HOURS ONLY.



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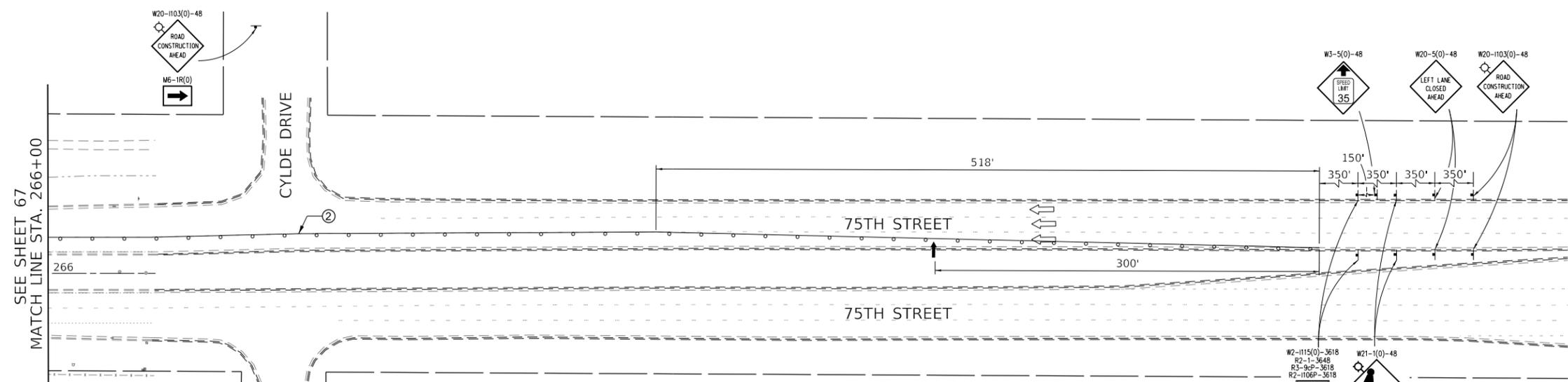
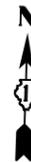
USER NAME = mtomaszewski	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	67
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				



LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2' DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

NOTES:
 1. EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
 2. USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER

MODEL: Default
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PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

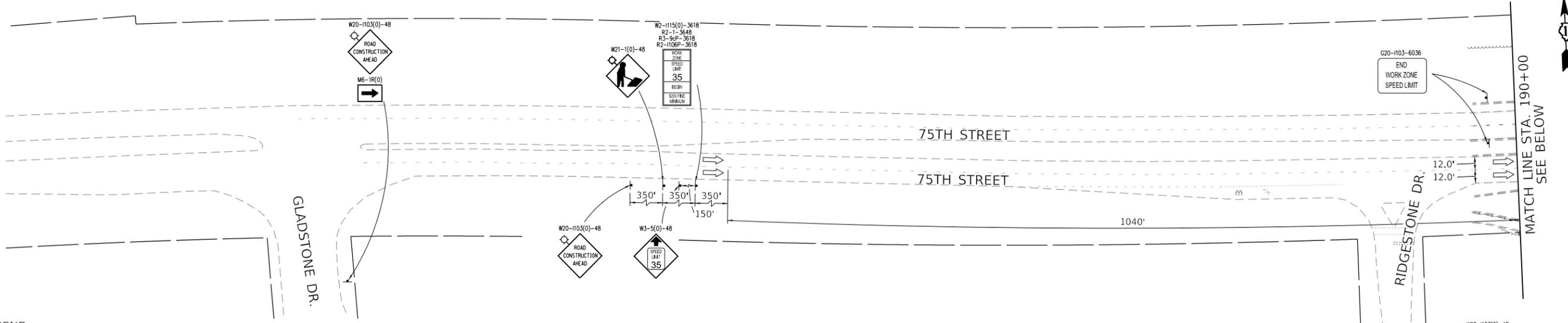
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2

SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. NA TO STA. NA



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	68
			CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	



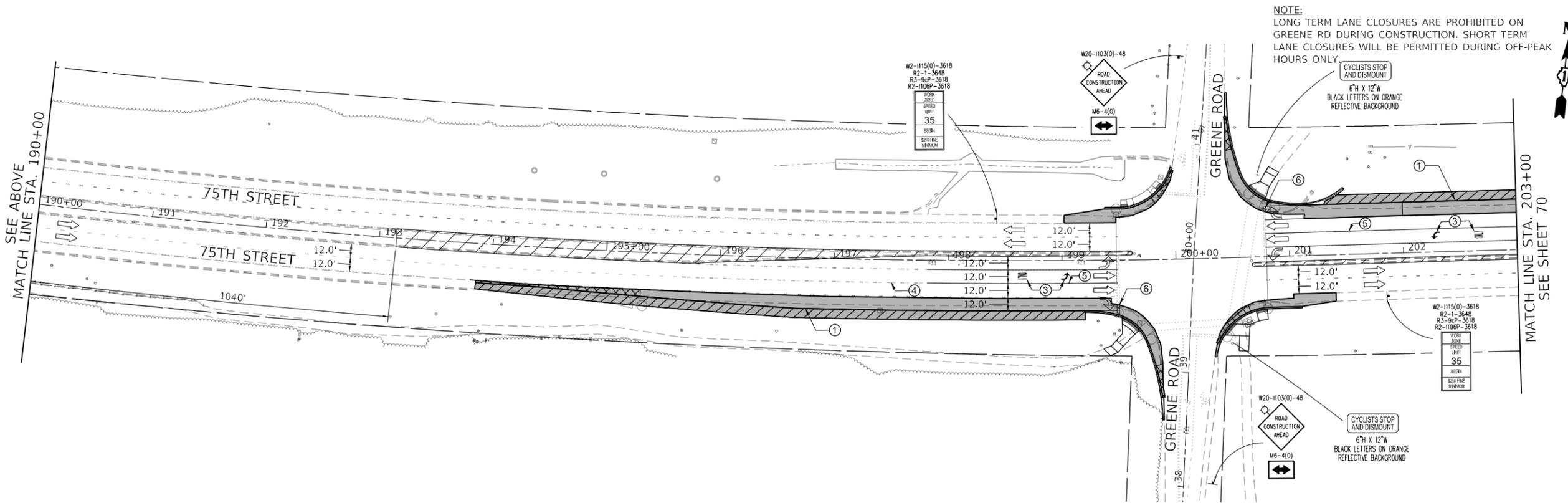
LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2' DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

NOTES:
 1. EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
 2. USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER



MODEL: Default
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 Chicago, Illinois 60606
 312-474-0500
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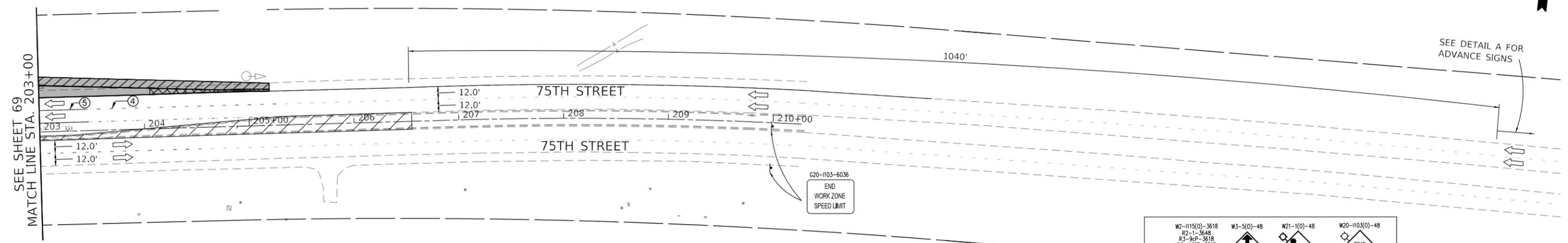
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PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2

SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 69
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	



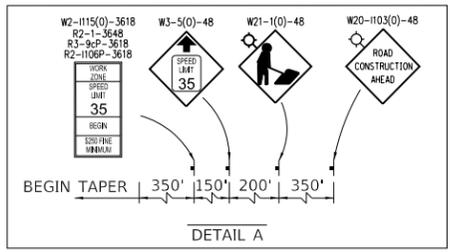
LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- PAVEMENT PLACED IN PREVIOUS STAGE
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

- ① TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-SOLID)
- ② TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (YELLOW-SOLID)
- ③ TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (WHITE-LETTERS AND SYMBOLS)
- ④ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SKIP DASH, 2' DASH - 6' SKIP)
- ⑤ TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE (WHITE-SOLID)
- ⑥ TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE (WHITE-STOP BAR)

NOTES:
 1. EXISTING PAVEMENT MARKINGS TO REMAIN UNLESS OTHERWISE NOTED
 2. USE TEMPORARY PAVEMENT MARKINGS ONLY IF DIRECTED BY ENGINEER



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PLOT DATE = 11/24/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2

SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. NA TO STA. NA



F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 70
		CONTRACT NO. 61H29		
		ILLINOIS FED. AID PROJECT		

EROSION AND SEDIMENT CONTROL GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE VII OF THE DUPAGE COUNTY COUNTYWIDE STORMWATER AND FLOOD PLAIN ORDINANCE, EFFECTIVE APRIL 2013 AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND ILR40.
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 DISTURBED.
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, EROSION CONTROL MEASURES WILL BE PROVIDED.
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, FLOOD PLAINS, AND BUFFERS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.
7. RECEPTACLES FOR CONSTRUCTION DEBRIS, INCLUDING CONCRETE TRUCK WASHOUT WASTE, SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR. THESE WILL NOT BE ALLOWED IN SPECIAL MANAGEMENT AREAS. RECEPTACLES AND THEIR LOCATIONS MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES. THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE APPLICABLE ITEMS OF WORK.
8. HAY OR STRAW BALES WILL NOT BE ALLOWED AS PERIMETER EROSION BARRIER OR AS A DITCH CHECK.
9. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.
10. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.
11. 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.
12. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
13. 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.
14. 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.
15. 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.
16. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.
17. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2 INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS.

EROSION AND SEDIMENT CONTROL STRATEGY

RECIEIVING WATERS: DUPAGE RIVER

1. INSTALL PERIMETER EROSION BARRIER, INLET PROTECTION, AND DITCH CHECKS AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLANS.
2. INSTALL INLET PROTECTION AT ALL PROPOSED INLETS, AND CATCH BASINS IMMEDIATELY FOLLOWING CONSTRUCTION OF PROPOSED DRAINAGE FACILITIES.
3. PROVIDE TEMPORARY STABILIZATION TO ALL DISTURBED AREAS AS REQUIRED.
4. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES BEFORE LANDSCAPING OPERATIONS.

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312-474-0560
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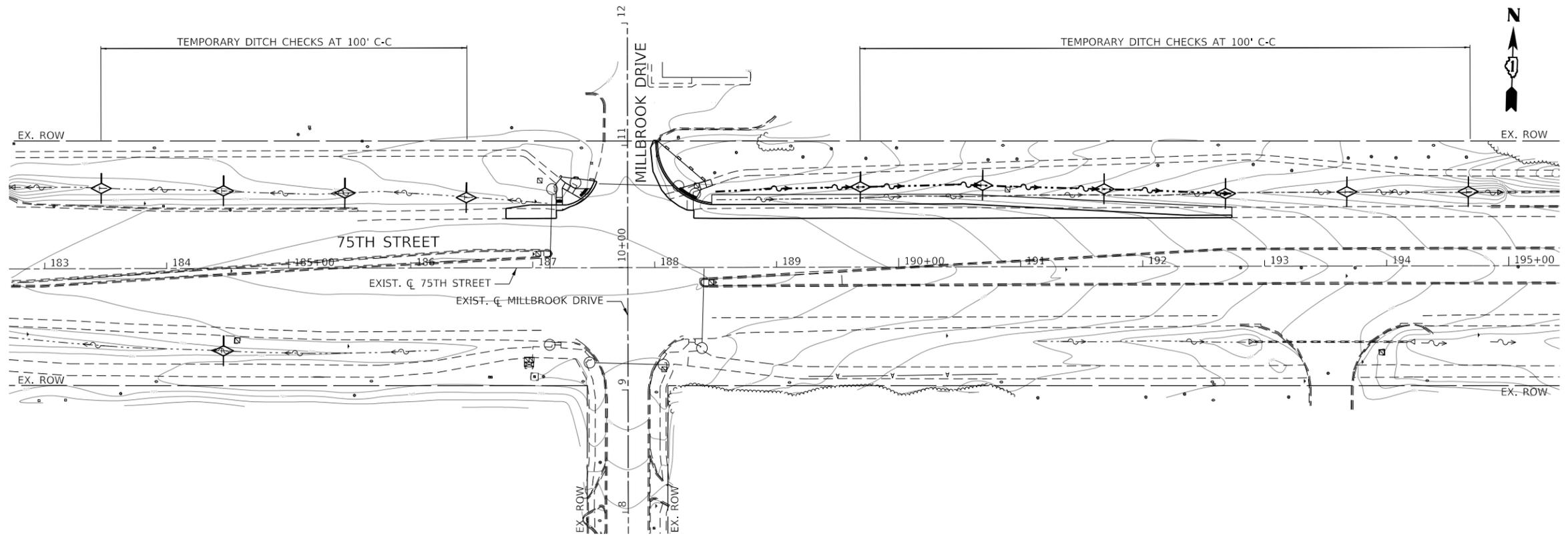
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

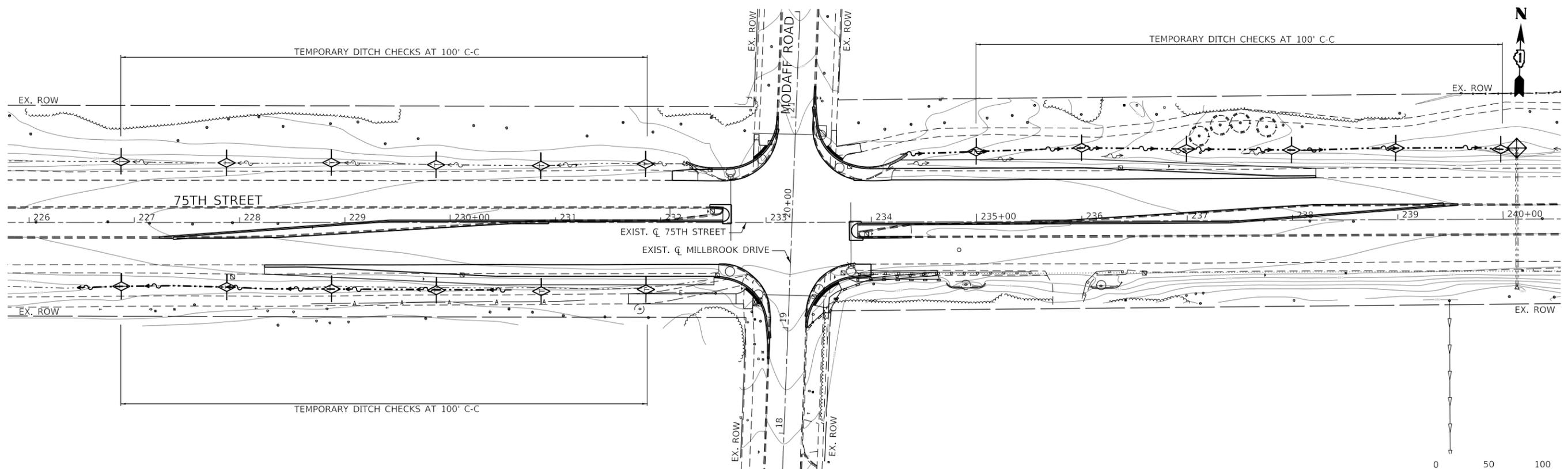
**EROSION AND SEDIMENT CONTROL
GENERAL NOTES AND STRATEGY**

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	71
			CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	



- LEGEND**
- INLET & PIPE PROTECTION/
INLET FILTERS
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - TREE PROTECTION
(TEMP FENCE)



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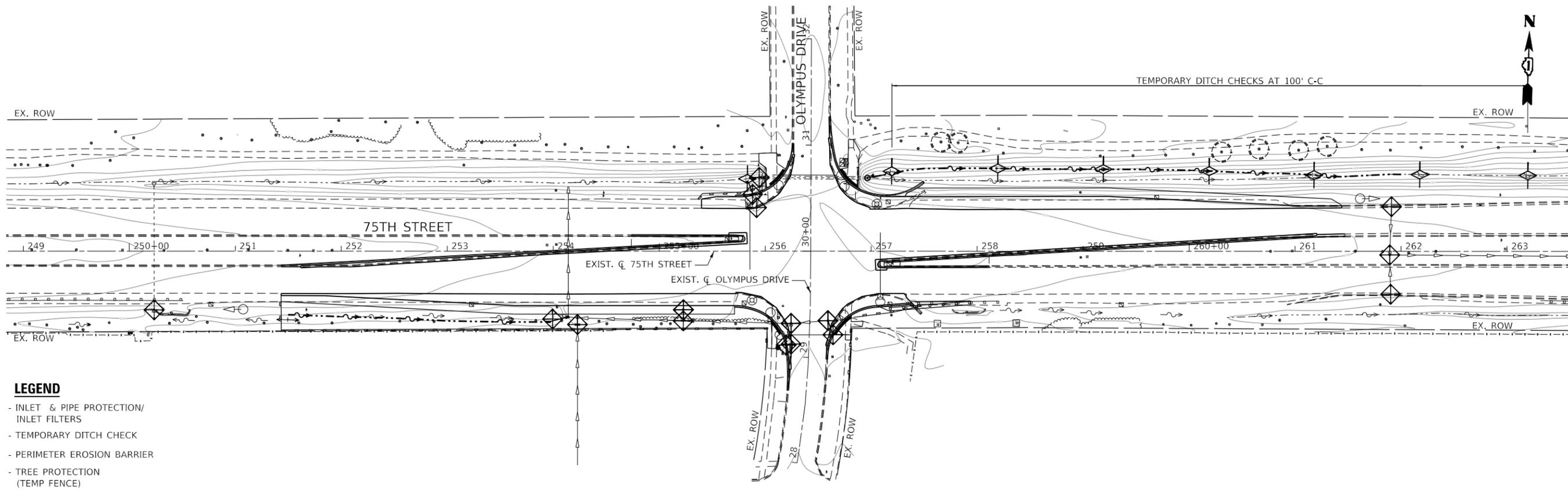
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

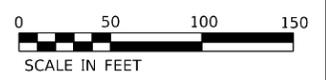
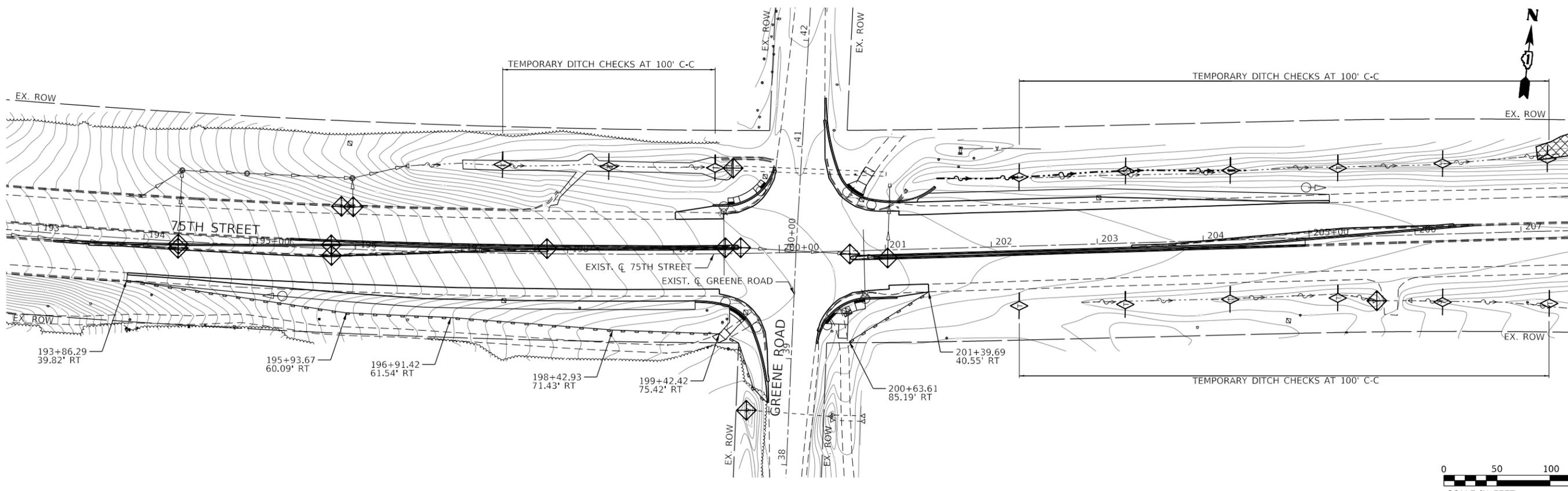
EROSION AND SEDIMENT CONTROL PLAN

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

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 72
		CONTRACT NO. 61H29		
		ILLINOIS		FED. AID PROJECT



- LEGEND**
- INLET & PIPE PROTECTION/
INLET FILTERS
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - TREE PROTECTION
(TEMP FENCE)



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

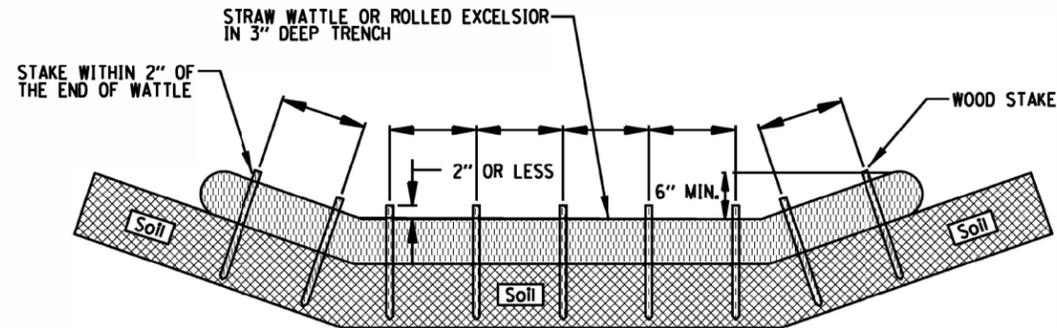
EROSION AND SEDIMENT CONTROL PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	73
		CONTRACT NO. 61H29		
		ILLINOIS FED. AID PROJECT		

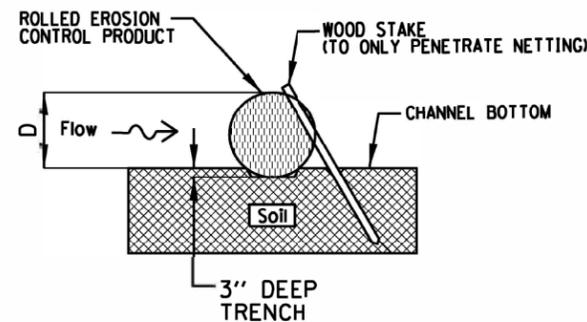
ROLLED EROSION CONTROL PRODUCTS

STAKING PATTERN GUIDE



- NOTES:**
1. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL.
 2. 4' SPACING FOR WATTLES.
 3. 2' SPACING FOR ROLLED EXCELSIOR.
 4. OR SPACE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

STAKE DETAIL



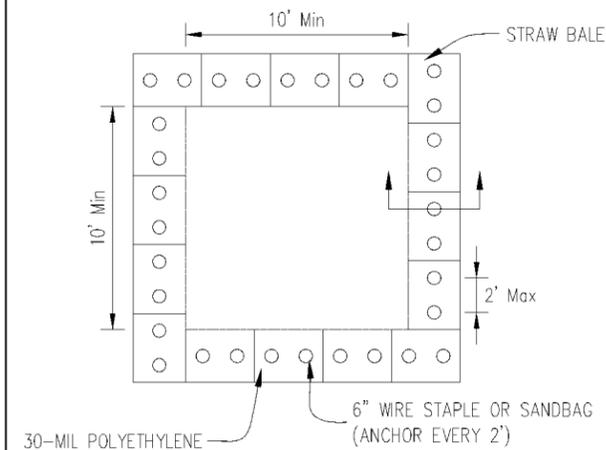
- NOTES:**
1. DRAWINGS ARE NOT TO SCALE.
 2. ENDS OF WATTLES OR ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
 3. RECOMMENDED STAKES ARE 1 1/8" WIDE x 1 1/8" THICK x 30" LONG.
 4. STAKES SHALL NOT EXTEND ABOVE THE STRAW WATTLE MORE THAN 2".
 5. SPACING: THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.
 6. ROLLED EROSION CONTROL PRODUCTS TO BE PAID FOR AS "TEMPORARY DITCH CHECKS"

REFERENCE	
Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

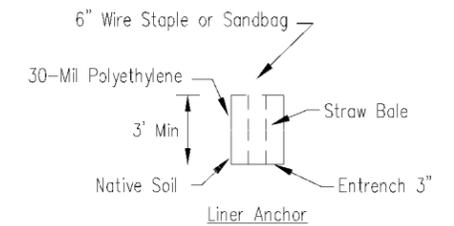


STANDARD DWG. NO.
IUM-514
SHEET 1 OF 1
DATE 08-2-2019

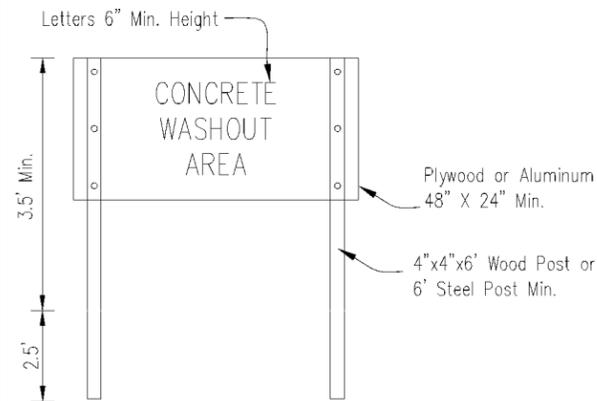
AUTOCAD2006



PLAN VIEW



STRAW BALE ANCHOR SECTIONS



SIGN DETAIL

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

Sheet 1 of 3	Drawn	File No.
0369	BSP	IUM-514

TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE		Date
Designed	_____	6/08
Drawn	B. JOHNSON	
Checked	_____	
Approved	_____	

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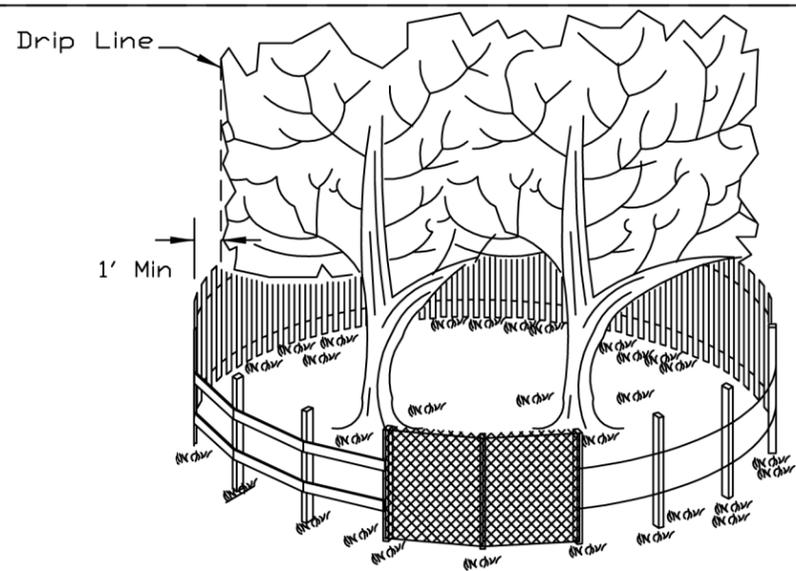
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

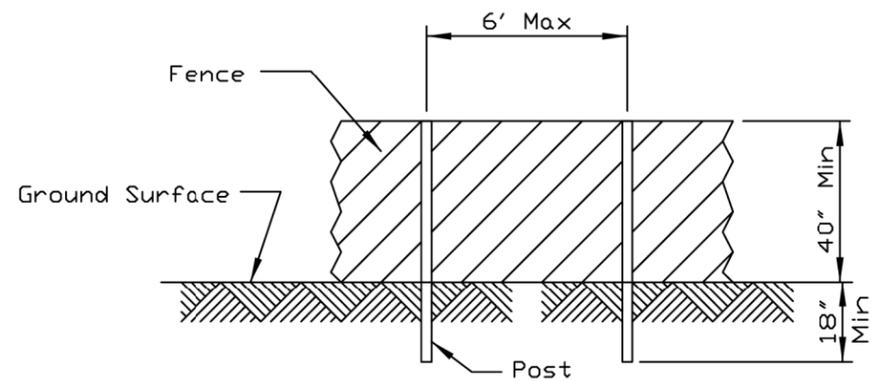
EROSION AND SEDIMENT CONTROL DETAILS
SCALE: NONE SHEET 1 OF 2 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	74
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	

TREE PROTECTION - FENCING



SIDE VIEW



POST AND FENCE DETAIL

NOTES:

1. The fence shall be located a minimum of 1 foot outside the drip line of the tree to be saved and in no case closer than 5 feet to the trunk of any tree.
2. Fence posts shall be either standard steel posts or wood posts with a minimum cross sectional area of 3.0 sq. in.
3. The fence may be either 40" high snow fence, 40" plastic web fencing or any other material as approved by the engineer/inspector.
4. TREE PROTECTION - FENCING TO BE PAID FOR AS "TEMPORARY FENCE"

REFERENCE	
Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-690
SHEET	1 OF 1
DATE	4-7-94

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DATE	= 11/3/2021

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

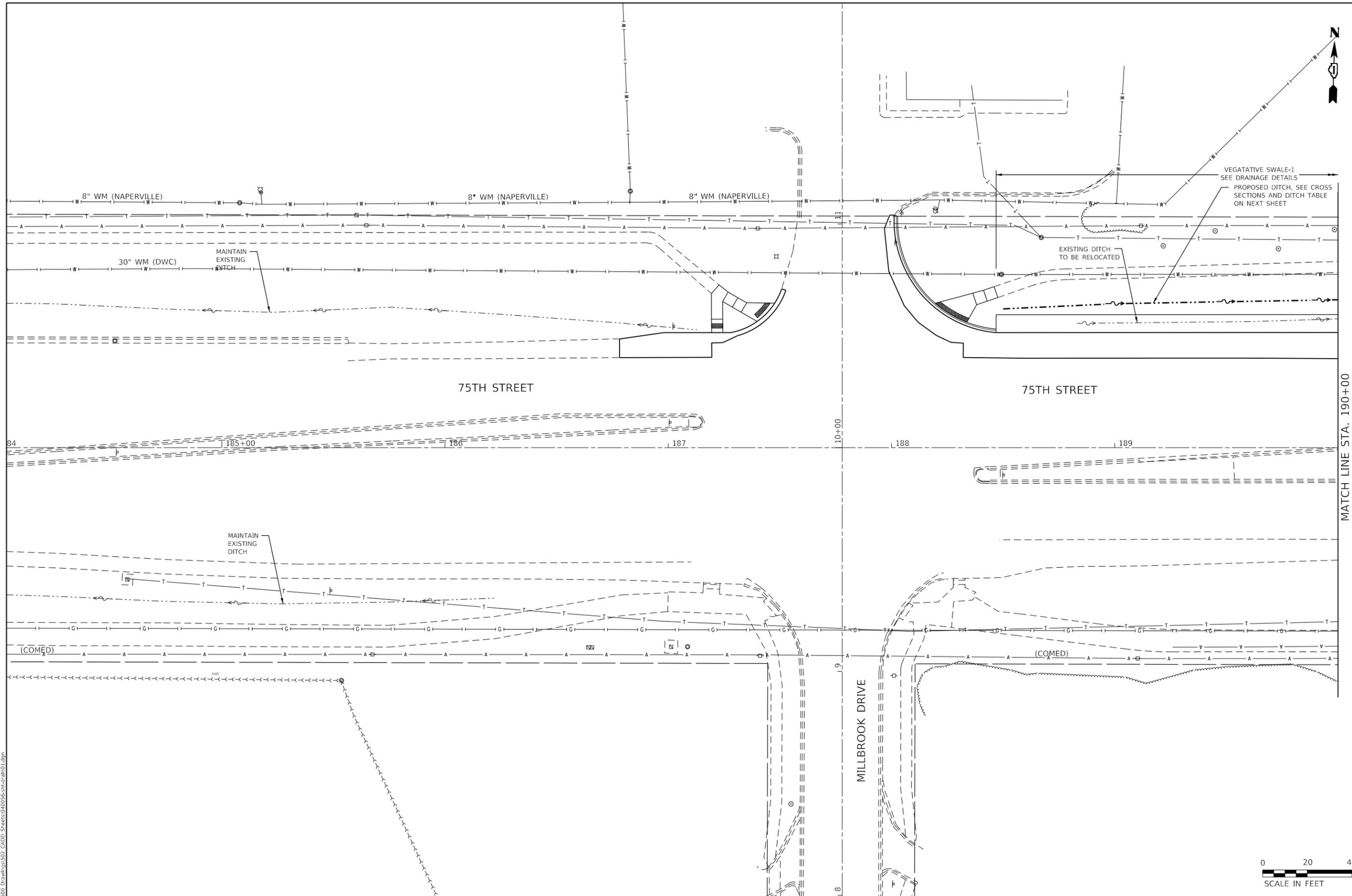
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	75
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 190+00
SEE SHEET 77



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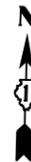
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

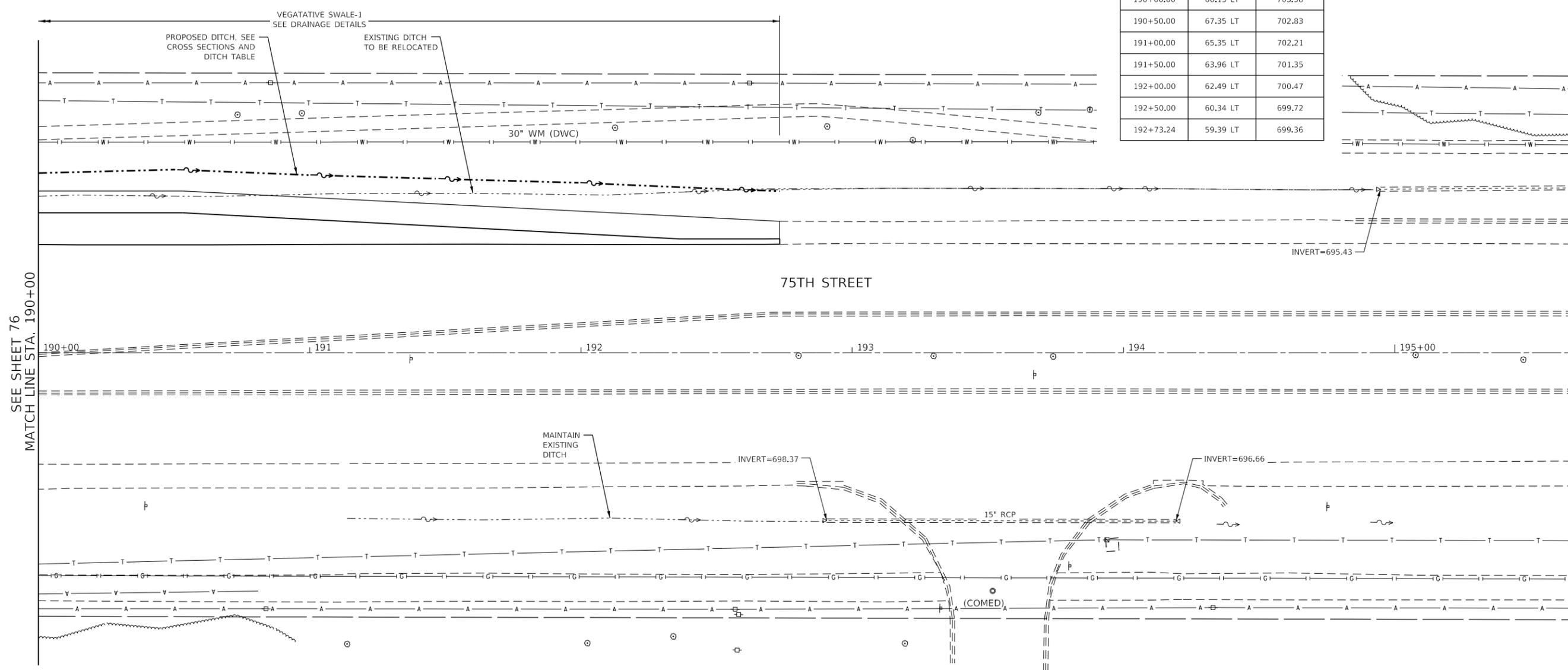
**EXISTING AND PROPOSED DRAINAGE PLAN
75TH STREET AT MILLBROOK DRIVE**

SCALE: 1" = 20' SHEET 1 OF 11 SHEETS STA. 184+04 TO STA. 190+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	76
CONTRACT NO. 61H29				
ILLINOIS FED. AID PROJECT				



PROPOSED DITCH - TABLE OF ELEVATIONS		
STATION	OFFSET	ELEVATION
188+46.83	59.48 LT	705.73
188+50.00	61.99 LT	705.66
189+00.00	64.29 LT	704.82
189+50.00	65.19 LT	704.22
190+00.00	66.13 LT	703.58
190+50.00	67.35 LT	702.83
191+00.00	65.35 LT	702.21
191+50.00	63.96 LT	701.35
192+00.00	62.49 LT	700.47
192+50.00	60.34 LT	699.72
192+73.24	59.39 LT	699.36



SEE SHEET 76
MATCH LINE STA. 190+00



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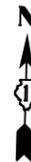
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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

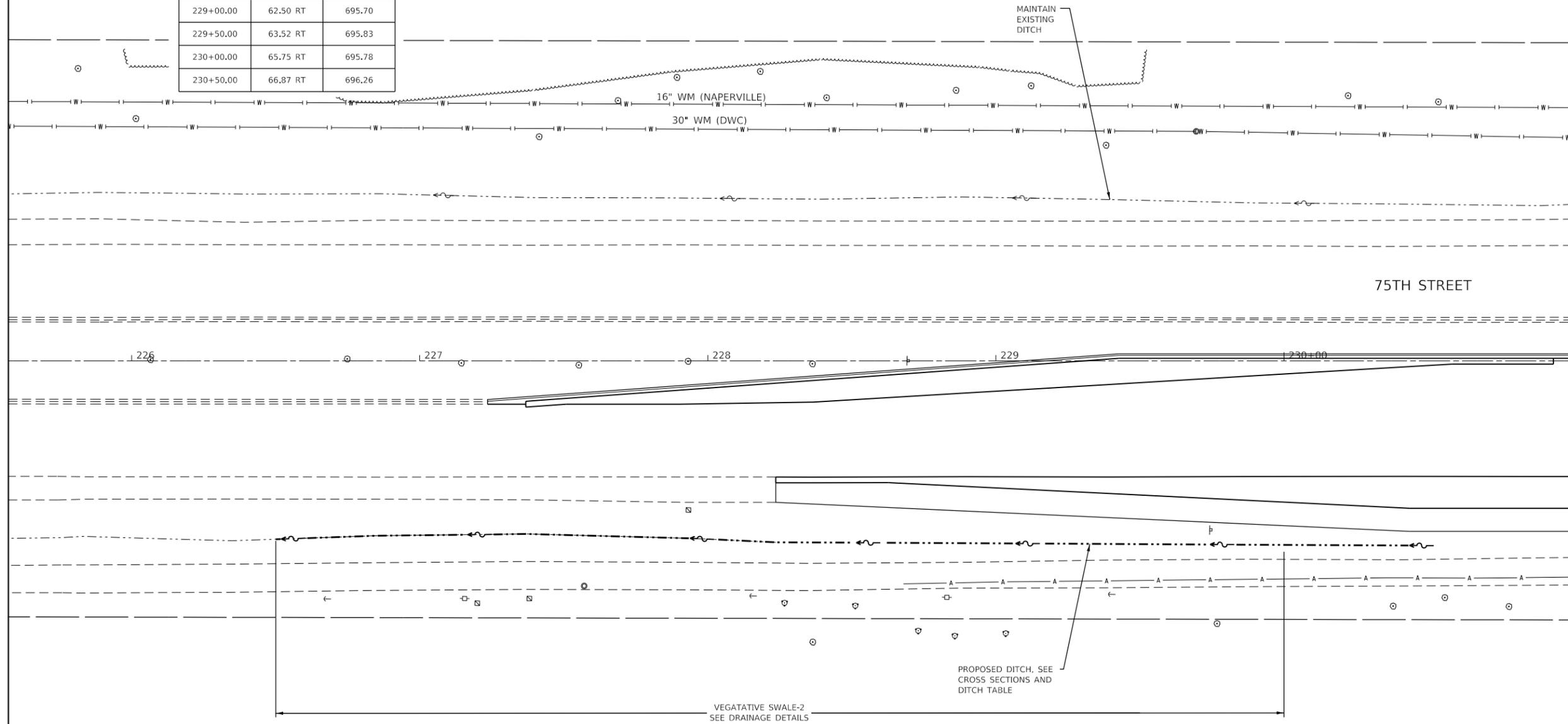
**EXISTING AND PROPOSED DRAINAGE PLAN
75TH STREET AT MILLBROOK DRIVE**

SCALE: 1" = 20' SHEET 2 OF 11 SHEETS STA. 190+00 TO STA. 195+68

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 77
		CONTRACT NO. 61H29		
ILLINOIS FED. AID PROJECT				



PROPOSED DITCH - TABLE OF ELEVATIONS		
STATION	OFFSET	ELEVATION
227+00.00	60.41 RT	695.08
227+50.00	59.75 RT	695.20
228+00.00	59.66 RT	695.33
228+23.55	59.38 RT	695.45
228+50.00	63.52 RT	695.58
229+00.00	62.50 RT	695.70
229+50.00	63.52 RT	695.83
230+00.00	65.75 RT	695.78
230+50.00	66.87 RT	696.26



MATCH LINE STA. 231+00
SEE SHEET 79



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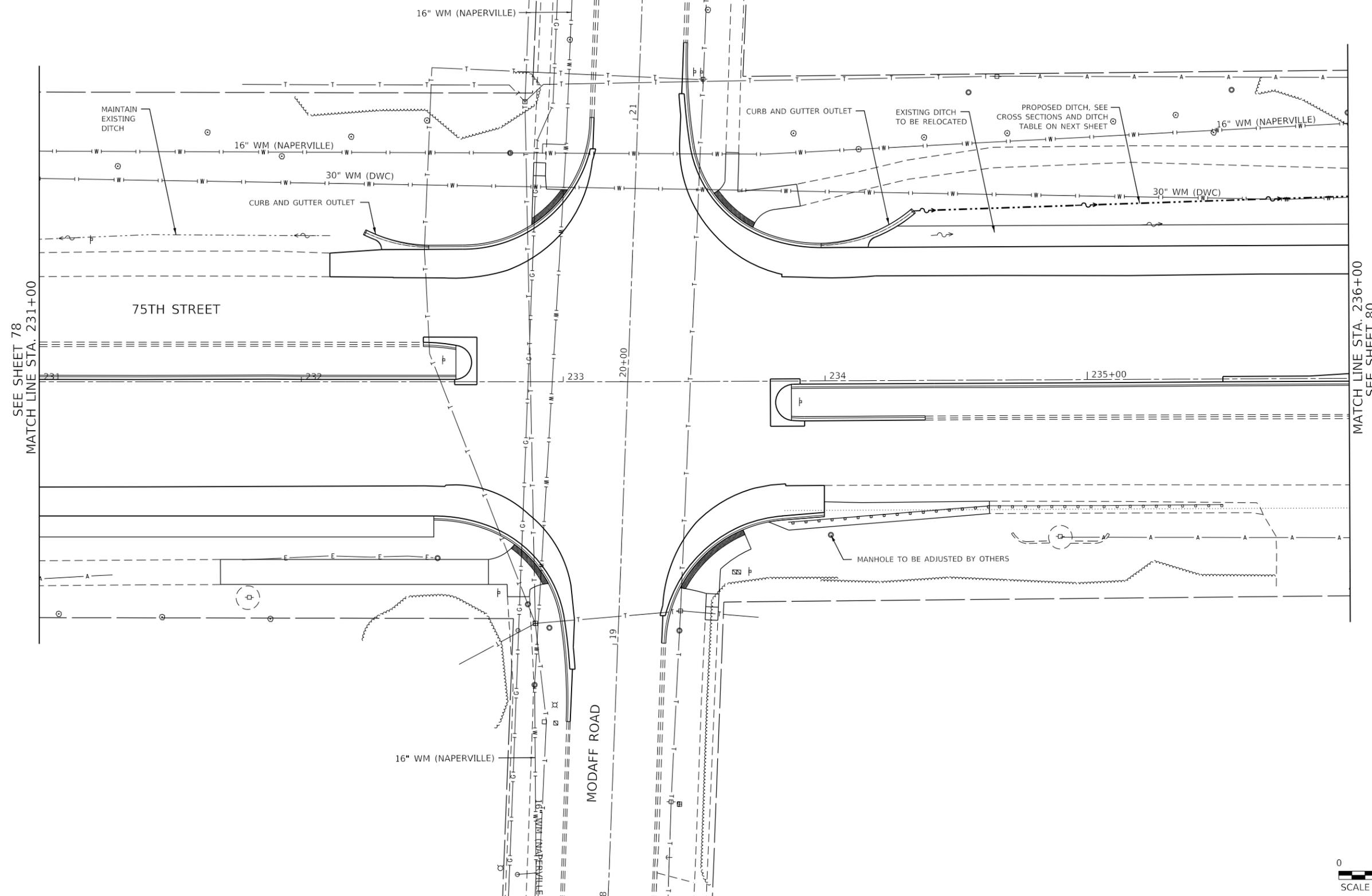
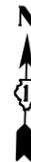
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED DRAINAGE PLAN
75TH STREET AT MODAFF ROAD**

SCALE: 1" = 20' SHEET 3 OF 11 SHEETS STA. 225+57 TO STA. 231+00

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 78
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	



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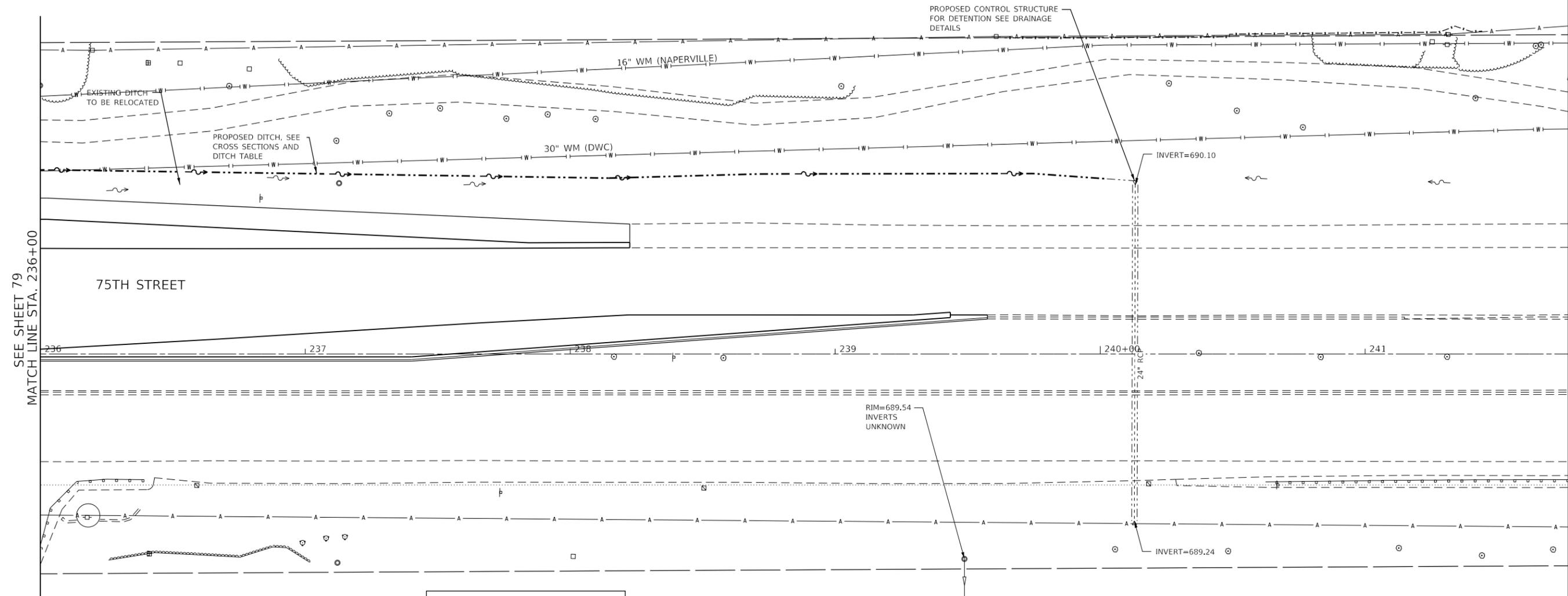
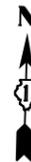


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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED DRAINAGE PLAN 75TH STREET AT MODAFF ROAD			
SCALE: 1" = 20'	SHEET 4	OF 11 SHEETS	STA. 231+00 TO STA. 236+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	79
			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				



SEE SHEET 79
MATCH LINE STA. 236+00

75TH STREET

PROPOSED CONTROL STRUCTURE
FOR DETENTION SEE DRAINAGE
DETAILS

16" WM (NAPERVILLE)

EXISTING DITCH
TO BE RELOCATED

PROPOSED DITCH, SEE
CROSS SECTIONS AND
DITCH TABLE

30" WM (DWC)

INVERT=690.10

RIM=689.54
INVERTS
UNKNOWN

INVERT=689.24

PROPOSED DITCH - TABLE OF ELEVATIONS		
STATION	OFFSET	ELEVATION
234+50.00	65.20 LT	696.81
235+00.00	68.00 LT	696.04
235+50.00	69.32 LT	695.57
236+00.00	70.31 LT	695.20
236+50.00	70.04 LT	694.60
237+00.00	69.32 LT	693.77
237+50.00	69.01 LT	693.11
238+00.00	67.38 LT	692.79
238+22.45	65.94 LT	692.61



MODEL: Default
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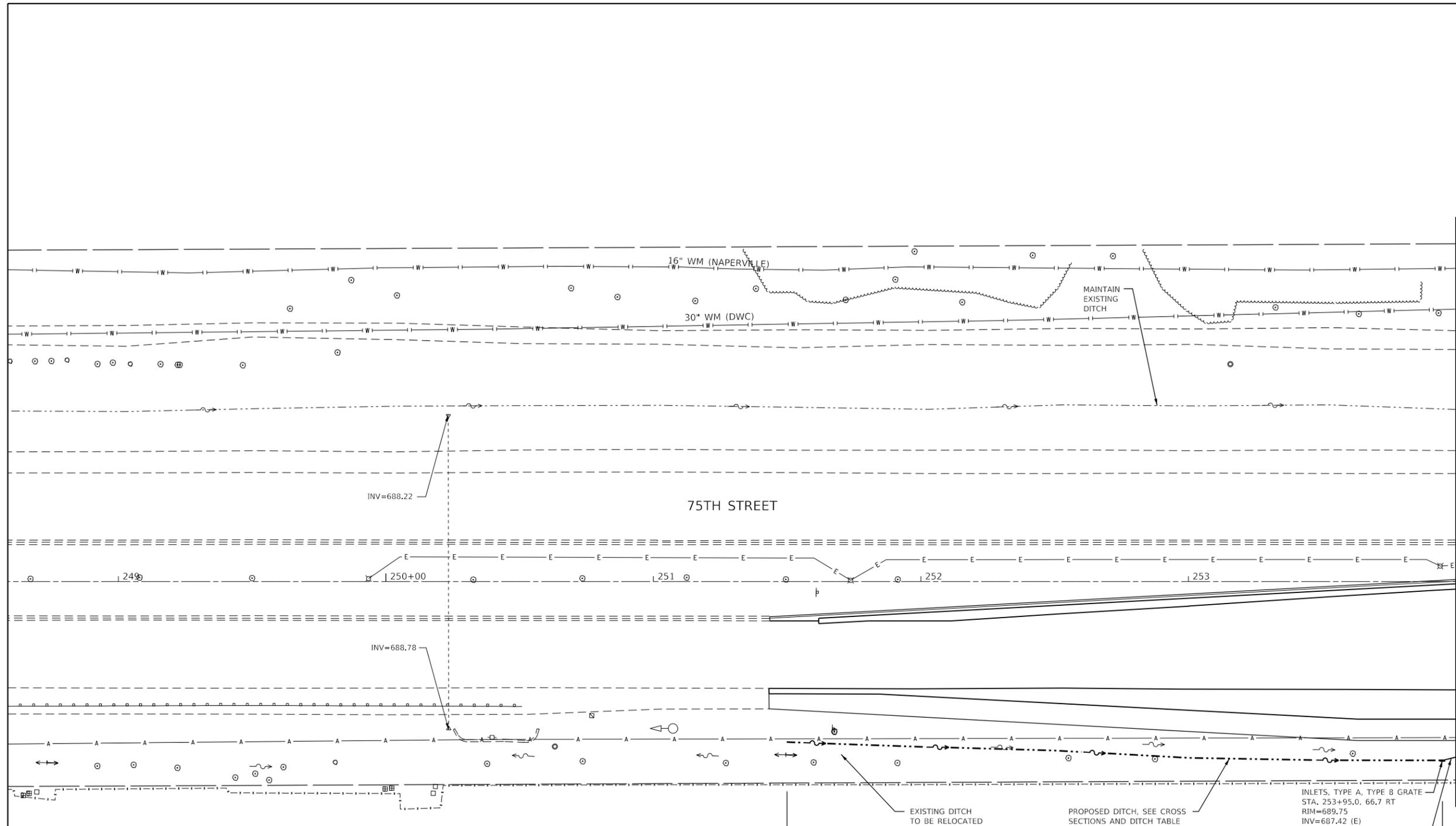
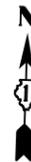
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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN
75TH STREET AT MODAFF ROAD

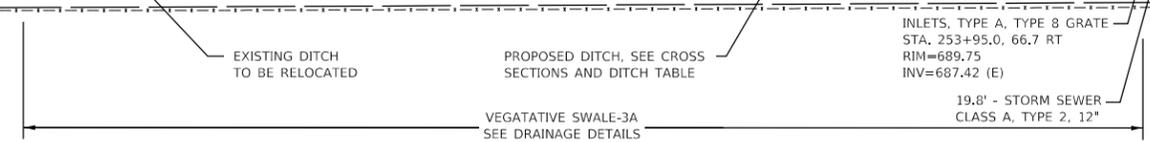
SCALE: 1" = 20' SHEET 5 OF 11 SHEETS STA. 236+00 TO STA. 241+77

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 80
		CONTRACT NO. 61H29		
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 254+00
SEE SHEET 82

PROPOSED DITCH - TABLE OF ELEVATIONS		
STATION	OFFSET	ELEVATION
251+50.00	59.23 RT	689.80
252+00.00	61.57 RT	689.68
252+50.00	63.73 RT	689.55
253+00.00	65.73 RT	689.43
253+50.00	66.66 RT	689.71
254+00.00	66.75 RT	689.74



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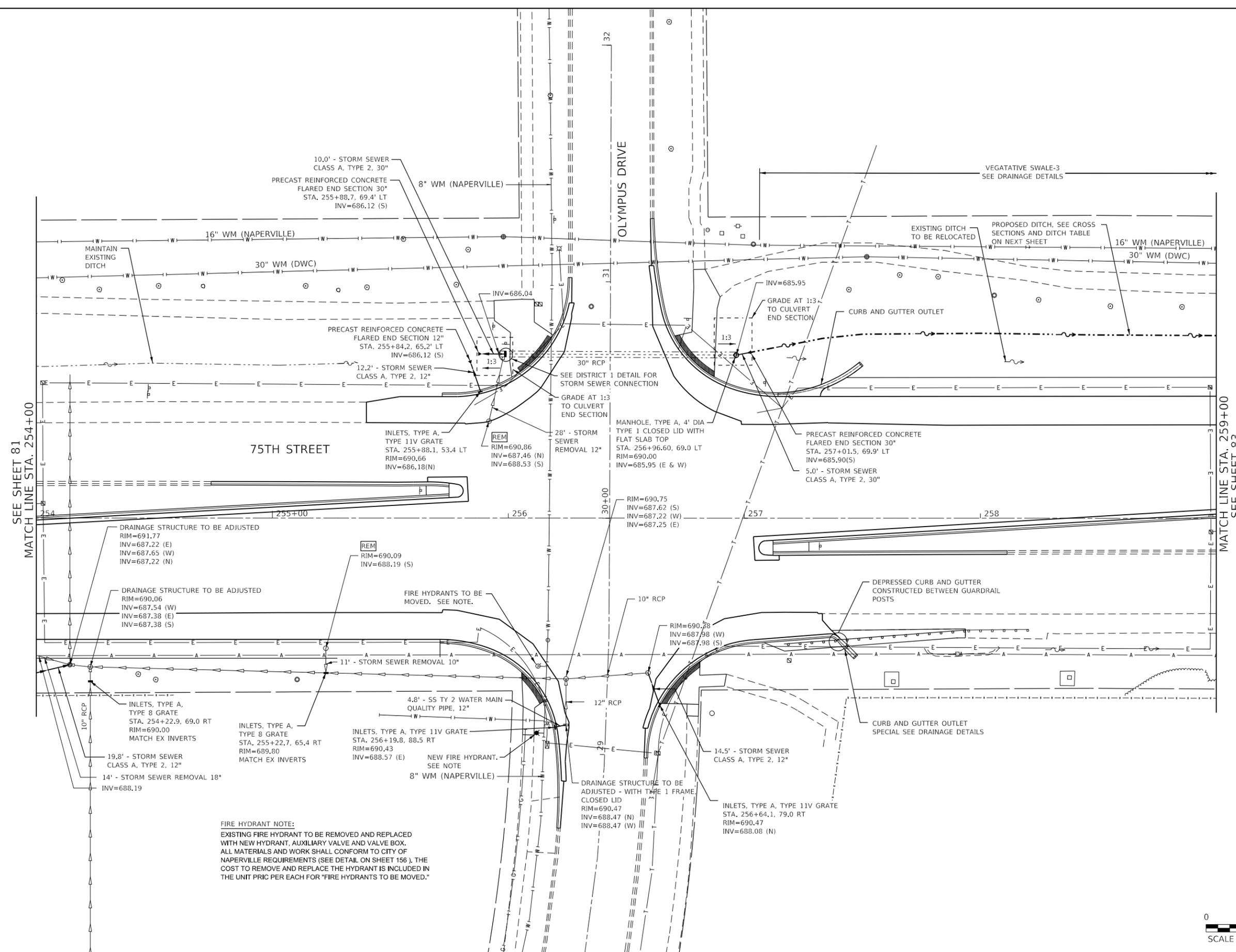
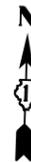
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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED DRAINAGE PLAN
75TH STREET AT OLYMPUS DRIVE**

SCALE: 1" = 20' SHEET 6 OF 11 SHEETS STA. 248+59 TO STA. 254+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	81
			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				



FIRE HYDRANT NOTE:
 EXISTING FIRE HYDRANT TO BE REMOVED AND REPLACED WITH NEW HYDRANT, AUXILIARY VALVE AND VALVE BOX. ALL MATERIALS AND WORK SHALL CONFORM TO CITY OF NAPERVILLE REQUIREMENTS (SEE DETAIL ON SHEET 156). THE COST TO REMOVE AND REPLACE THE HYDRANT IS INCLUDED IN THE UNIT PRICE PER EACH FOR "FIRE HYDRANTS TO BE MOVED."



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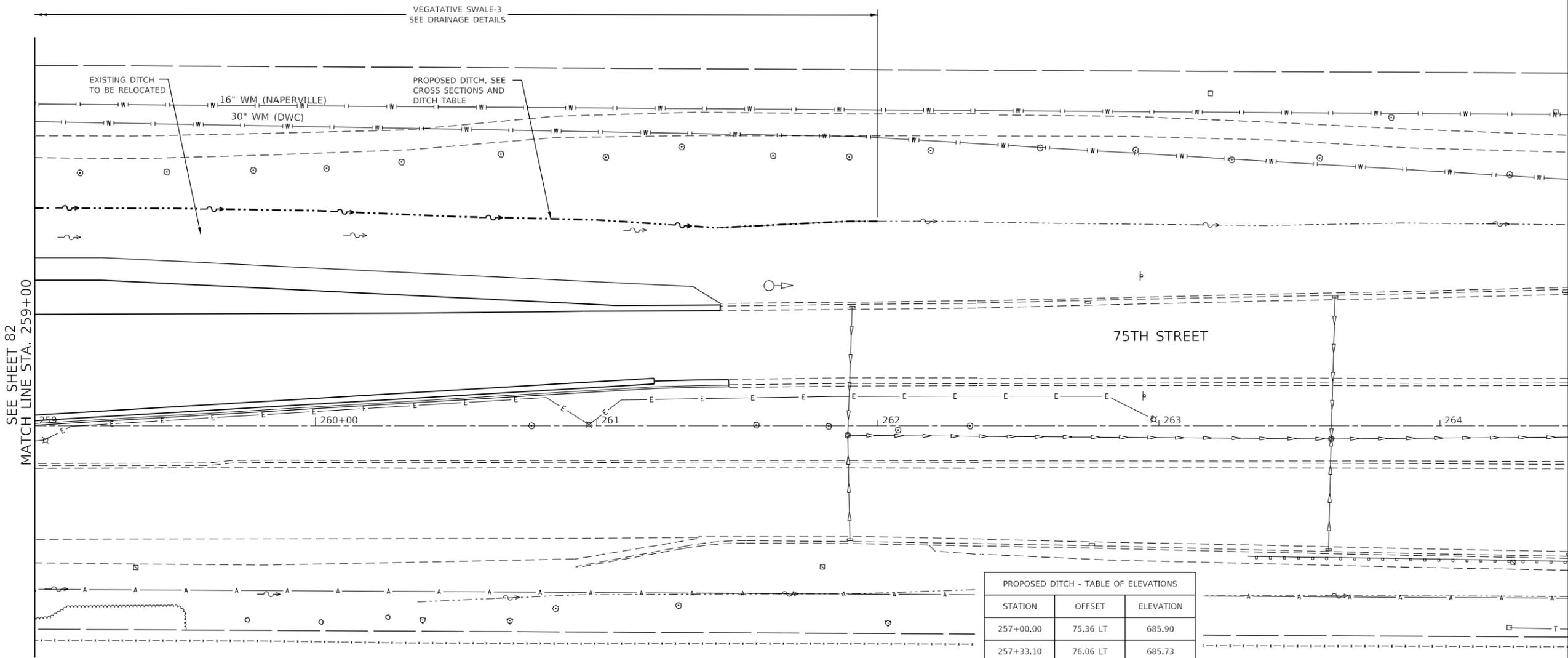
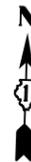
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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN
75TH STREET AT OLYMPUS DRIVE

SCALE: 1" = 20' SHEET 7 OF 11 SHEETS STA. 254+00 TO STA. 259+00

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 82
			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				



PROPOSED DITCH - TABLE OF ELEVATIONS		
STATION	OFFSET	ELEVATION
257+00.00	75.36 LT	685.90
257+33.10	76.06 LT	685.73
257+50.00	77.87 LT	685.64
258+00.00	77.61 LT	685.52
258+50.00	77.43 LT	685.39
259+00.00	77.28 LT	685.27
259+50.00	77.15 LT	684.83
260+00.00	76.35 LT	684.30
260+50.00	74.26 LT	684.10
261+00.00	73.08 LT	683.62
261+43.94	69.00 LT	683.34
261+50.00	70.27 LT	683.32
262+00.00	72.00 LT	683.17



MODEL: Default
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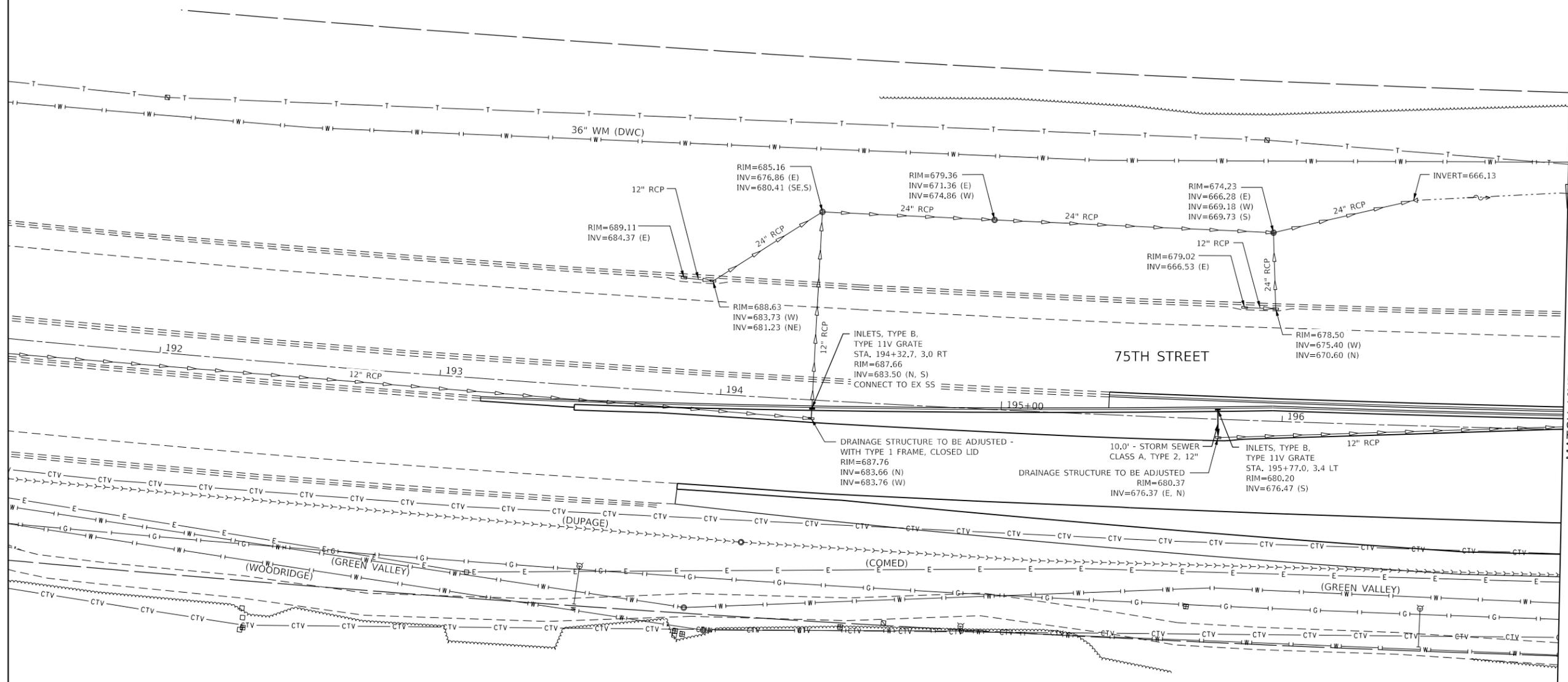
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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED DRAINAGE PLAN
75TH STREET AT OLYMPUS DRIVE

SCALE: 1" = 20' SHEET 8 OF 11 SHEETS STA. 259+00 TO STA. 264+46

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 83
		CONTRACT NO. 61H29		
		ILLINOIS FED. AID PROJECT		



MATCH LINE STA. 197+00
SEE SHEET 85



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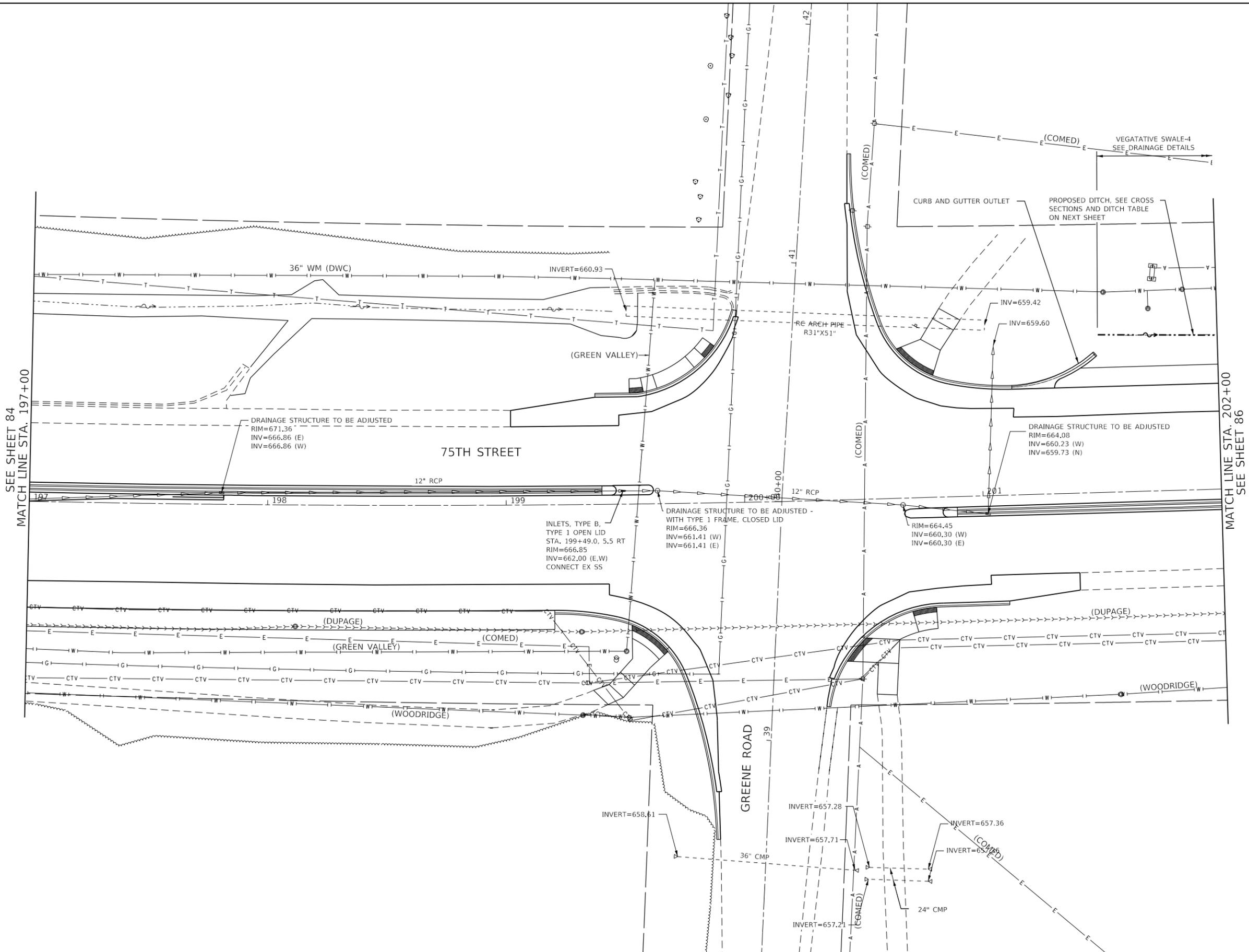
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED DRAINAGE PLAN
75TH STREET AT GREENE ROAD**

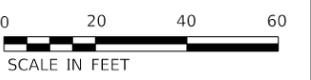
SCALE: 1" = 20' SHEET 9 OF 11 SHEETS STA. 191+46 TO STA. 197+00

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 84
		CONTRACT NO. 61H29		
ILLINOIS FED. AID PROJECT				



SEE SHEET 84
MATCH LINE STA. 197+00

MATCH LINE STA. 202+00
SEE SHEET 86



MODEL: D:\dwg\11132021\11132021.dwg
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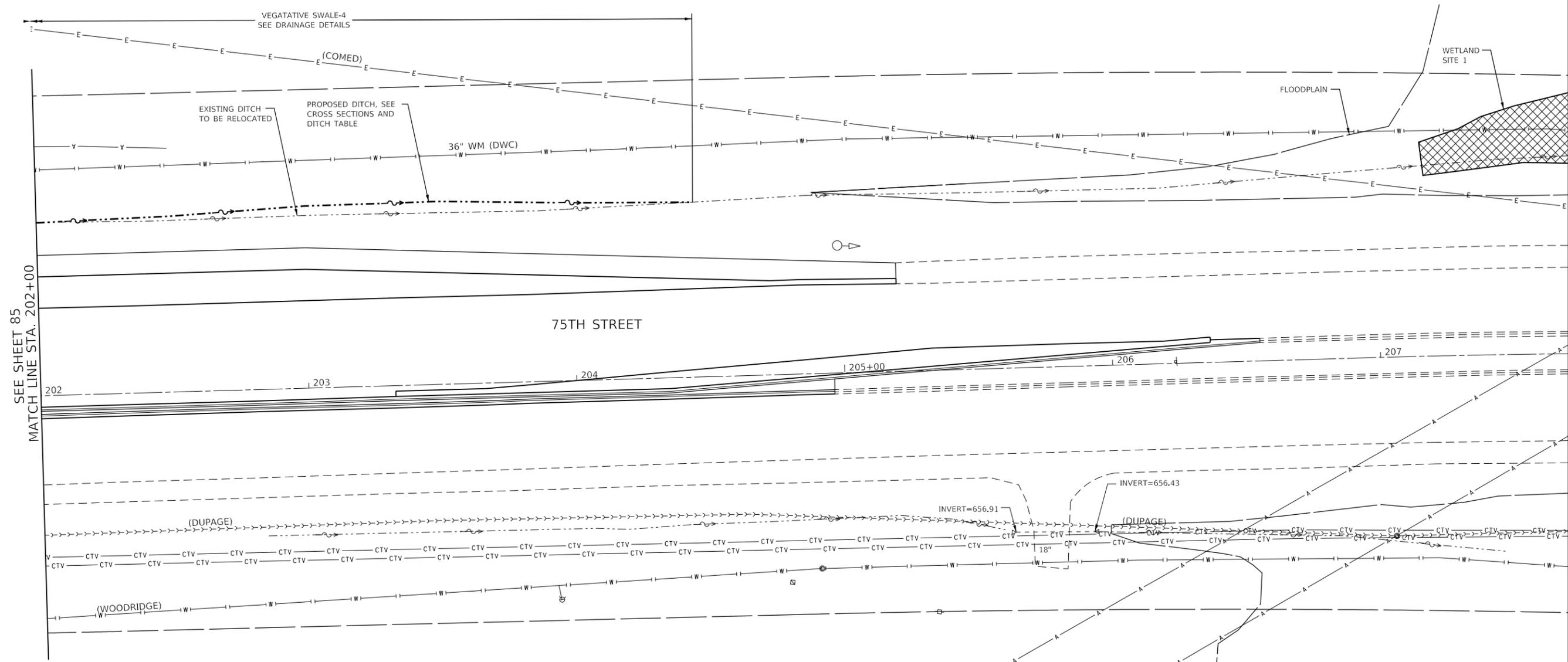
Bowman
311 S. Wacker Drive, Suite 1950
Chicago, Illinois 60606
312-474-0560
www.bowman.com

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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED DRAINAGE PLAN			
75TH STREET AT GREENE ROAD			
SCALE: 1" = 20'	SHEET 10	OF 11 SHEETS	STA. 197+00 TO STA. 202+00

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 85
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	



SEE SHEET 85
MATCH LINE STA. 202+00

PROPOSED DITCH - TABLE OF ELEVATIONS		
STATION	OFFSET	ELEVATION
201+50.00	64.96 LT	659.71
202+00.00	64.38 LT	659.46
202+50.00	65.51 LT	658.90
203+00.00	67.79 LT	658.06
203+50.00	68.09 LT	657.17
204+00.00	66.27 LT	656.82
204+50.00	65.23 LT	656.17



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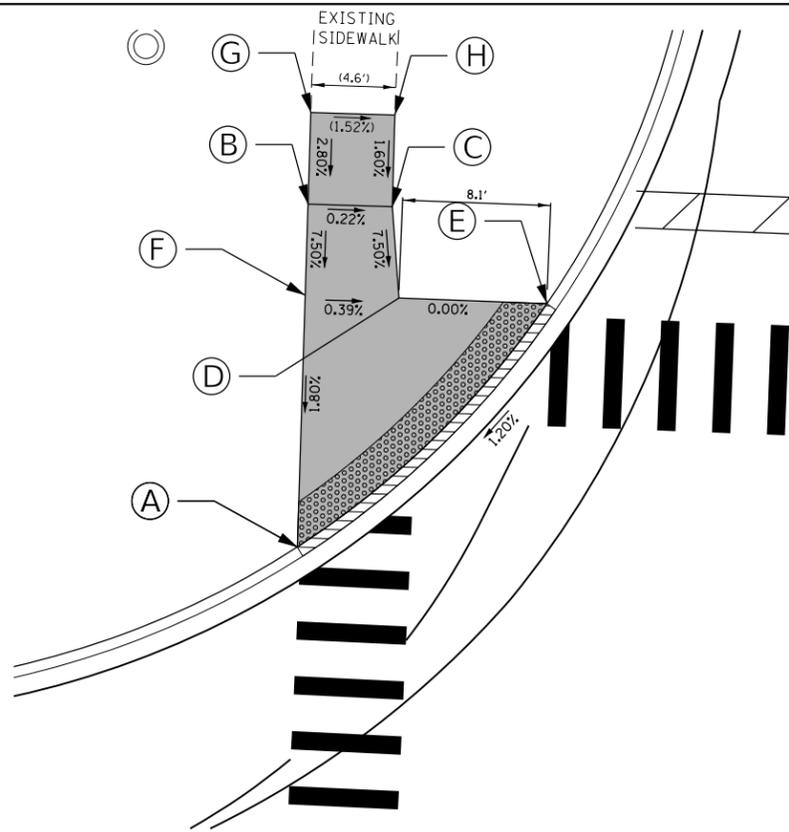
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

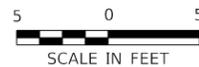
EXISTING AND PROPOSED DRAINAGE PLAN
75TH STREET AT GREENE ROAD

SCALE: 1" = 20' SHEET 11 OF 11 SHEETS STA. 202+00 TO STA. 207+70

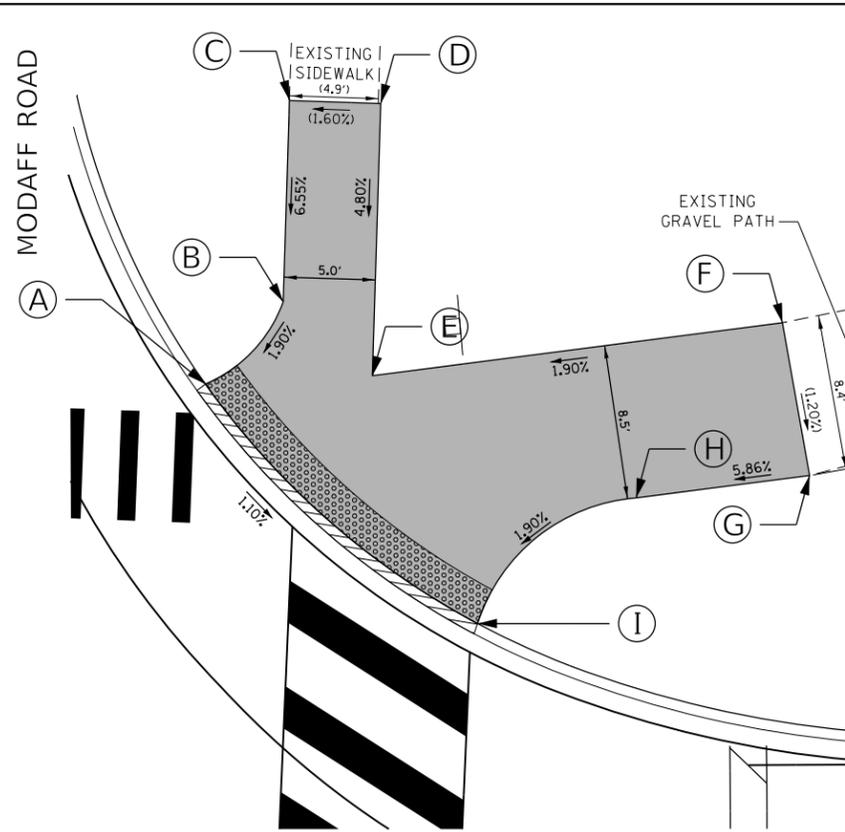
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	86
			CONTRACT NO. 61H29	
		ILLINOIS	FED. AID PROJECT	



NW CORNER OF 75TH STREET AND MODAFF ROAD			
POINT	STATION	OFFSET	ELEVATION
A	232+88.01	59.77 LT	698.37
B	232+88.59	78.48 LT	698.99
C	232+93.21	78.33 LT	698.98
D	232+93.56	73.35 LT	698.60
E	233+01.67	73.04 LT	698.60
F	232+88.44	73.51 LT	698.62
G	232+88.75	83.43 LT	699.13
H	232+93.35	83.33 LT	699.06



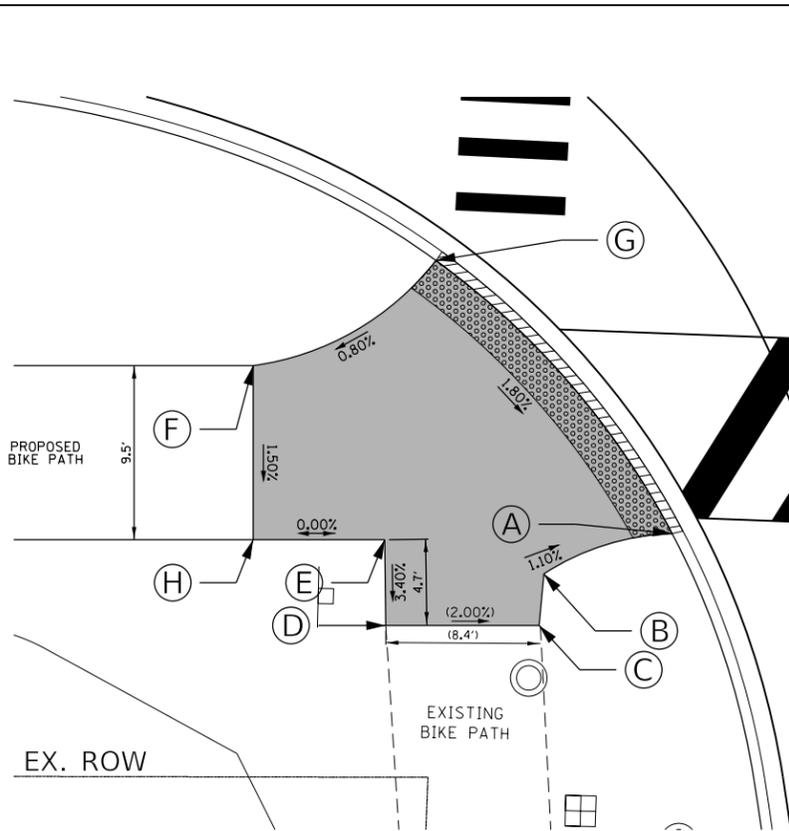
75TH STREET



NE CORNER OF 75TH STREET AND MODAFF ROAD			
POINT	STATION	OFFSET	ELEVATION
A	233+57.83	71.68 LT	698.30
B	233+62.10	76.14 LT	698.42
C	233+62.31	84.31 LT	699.14
D	233+67.30	84.12 LT	699.22
E	233+66.96	72.10 LT	698.51
F	233+89.41	74.88 LT	698.95
G	233+90.85	66.53 LT	698.85
H	233+81.36	65.36 LT	698.29
I	233+72.65	58.54 LT	698.07



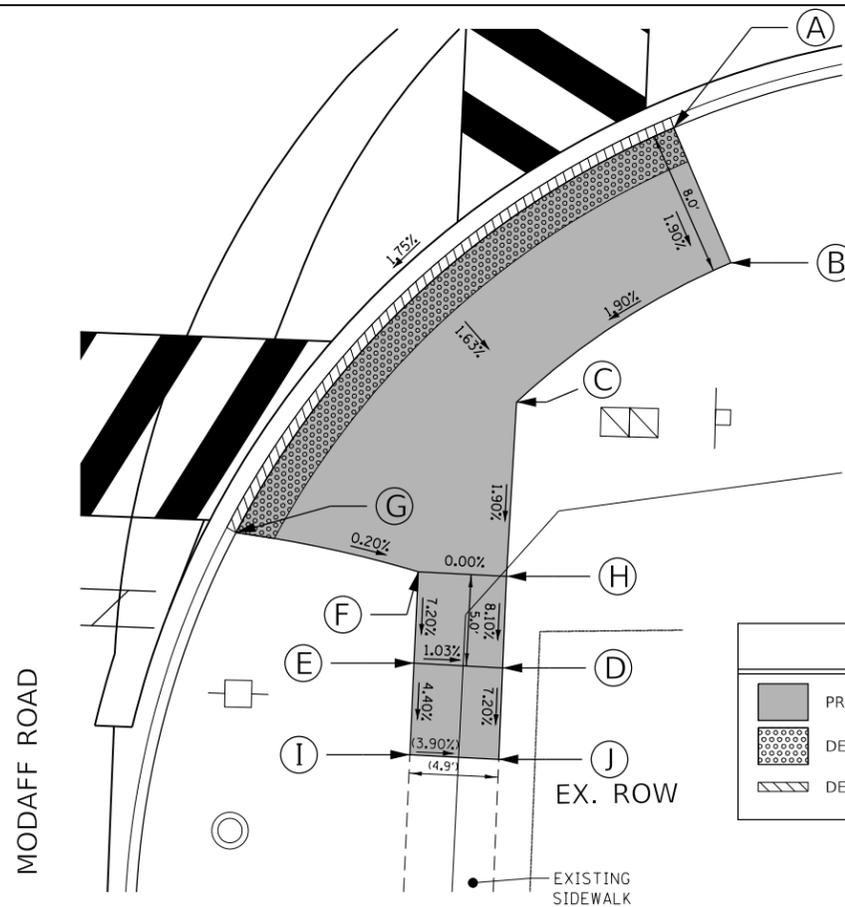
MODAFF ROAD



SW CORNER OF 75TH STREET AND MODAFF ROAD			
POINT	STATION	OFFSET	ELEVATION
A	232+94.36	76.80 RT	696.75
B	232+87.54	78.88 RT	696.83
C	232+86.87	84.64 RT	696.83
D	232+78.48	84.61 RT	697.00
E	232+78.02	80.39 RT	697.16
F	232+71.44	67.64 RT	697.30
G	232+81.44	61.90 RT	697.39
H	232+71.24	79.92 RT	697.16



EX. ROW



SE CORNER OF 75TH STREET AND MODAFF ROAD			
POINT	STATION	OFFSET	ELEVATION
A	233+68.33	56.55 RT	697.64
B	233+71.43	63.92 RT	697.49
C	233+59.65	71.50 RT	697.22
D	233+59.04	88.81 RT	696.63
E	233+54.19	88.55 RT	696.68
F	233+54.25	80.71 RT	697.04
G	233+44.29	78.53 RT	697.06
H	233+59.26	83.82 RT	697.04
I	233+53.76	90.70 RT	696.46
J	233+58.62	90.98 RT	696.27



75TH STREET

MODAFF ROAD

LEGEND	
	PROPOSED SIDEWALK/PATH
	DETECTABLE WARNINGS
	DEPRESSED CURB
(xx.xx')	EXISTING LENGTH
	PROPOSED SIDE CURB
()	EXISTING ELEVATION

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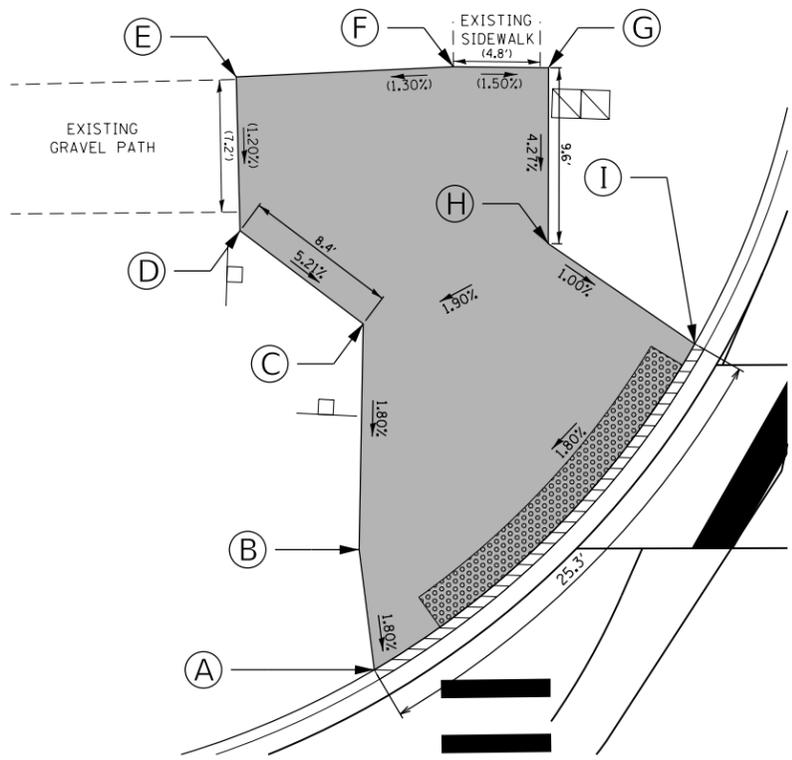
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

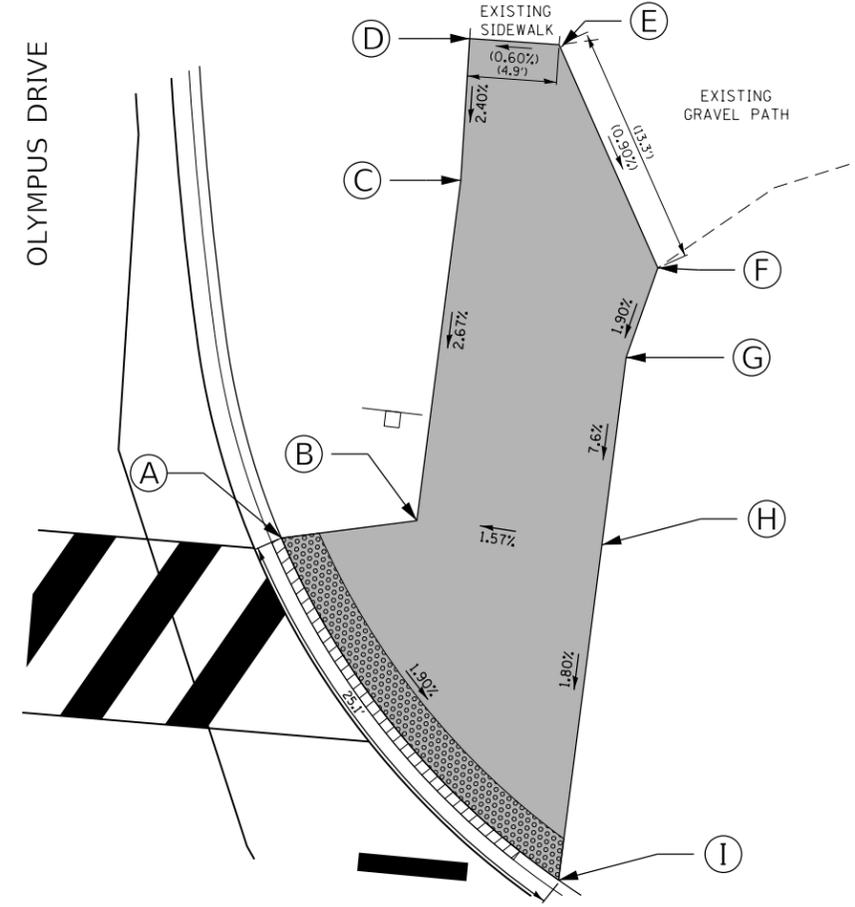
SCALE: 1" = 5'		SHEET 2	OF 4 SHEETS	STA. NA	TO STA. NA
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ADA RAMP DETAIL
75TH STREET AT MODAFF ROAD

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 89
			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				



NW CORNER OF 75TH STREET AND OLYMPUS DRIVE			
POINT	STATION	OFFSET	ELEVATION
A	256+01.48	59.60 LT	690.80
B	256+00.64	66.16 LT	690.92
C	256+00.87	78.49 LT	691.14
D	255+94.14	83.56 LT	691.58
E	255+93.93	91.97 LT	691.68
F	256+05.80	92.52 LT	691.84
G	256+11.01	92.46 LT	691.76
H	256+11.00	82.85 LT	691.35
I	256+19.02	77.39 LT	691.25

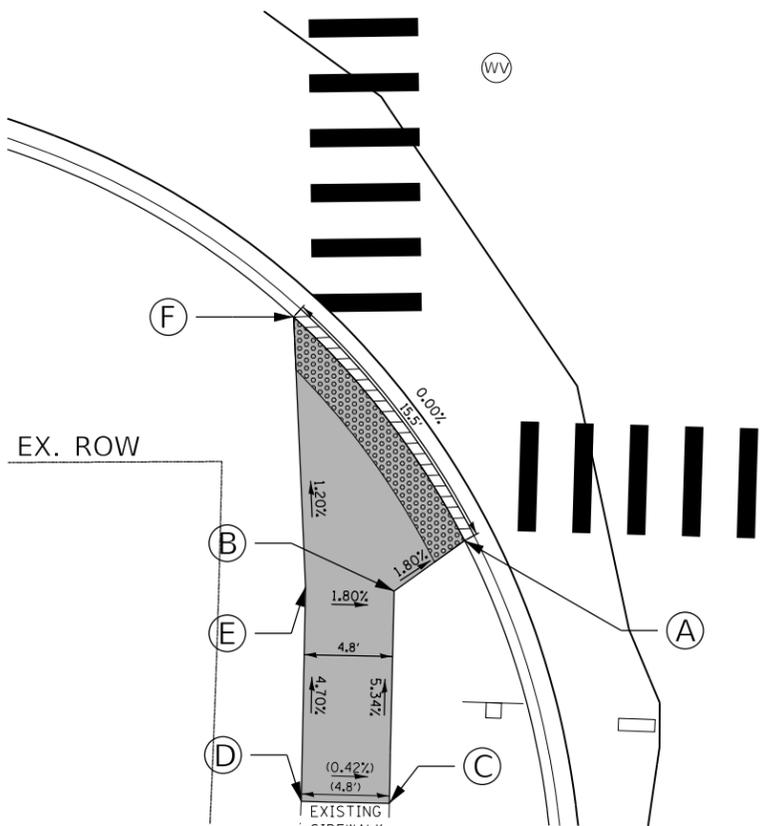


NE CORNER OF 75TH STREET AND OLYMPUS DRIVE			
POINT	STATION	OFFSET	ELEVATION
A	256+70.48	77.08 LT	691.17
B	256+77.78	78.66 LT	691.17
C	256+78.57	97.38 LT	691.80
D	256+78.38	105.14 LT	691.98
E	256+83.29	105.22 LT	692.01
F	256+89.73	93.56 LT	691.89
G	256+88.45	88.52 LT	691.79
H	256+87.98	78.23 LT	691.01
I	256+87.22	59.79 LT	690.68

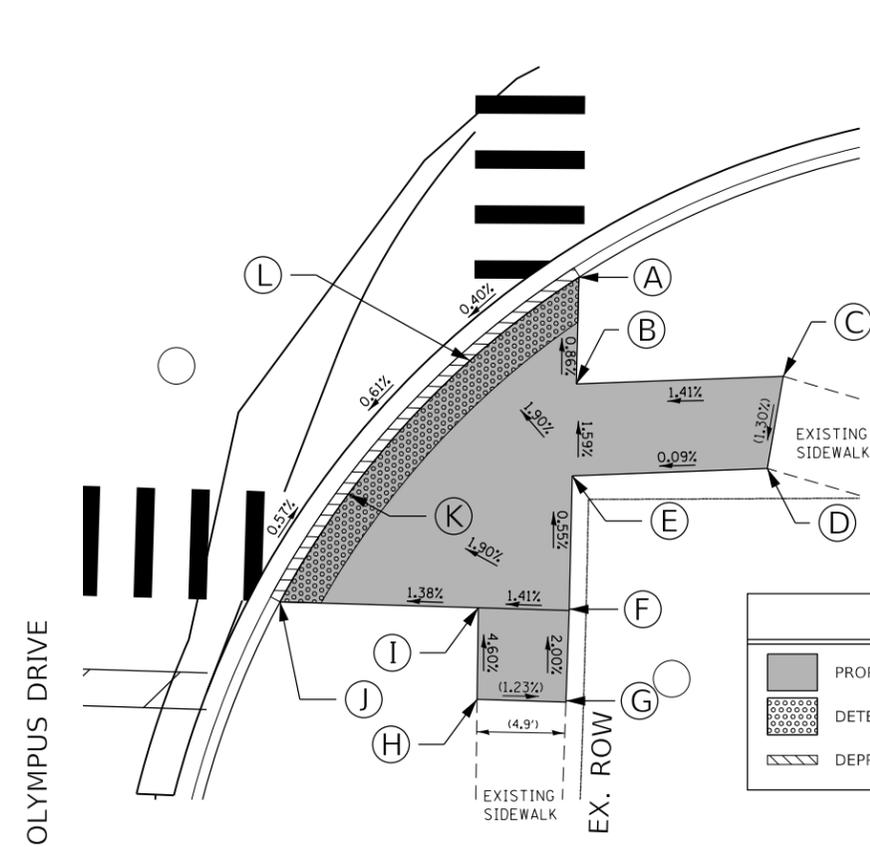


75TH STREET

SCALE IN FEET



SW CORNER OF 75TH STREET AND OLYMPUS DRIVE			
POINT	STATION	OFFSET	ELEVATION
A	256+15.00	77.40 RT	690.55
B	256+11.15	80.15 RT	690.64
C	256+10.88	91.74 RT	691.26
D	256+06.06	91.63 RT	691.28
E	256+06.29	79.93 RT	690.73
F	256+05.64	65.20 RT	690.55



SE CORNER OF 75TH STREET AND OLYMPUS DRIVE			
POINT	STATION	OFFSET	ELEVATION
A	256+81.24	60.60 RT	690.57
B	256+81.11	66.42 RT	690.62
C	256+92.43	65.99 RT	690.78
D	256+91.55	71.03 RT	690.71
E	256+80.89	71.43 RT	690.70
F	256+80.71	78.78 RT	690.74
G	256+80.53	83.78 RT	690.84
H	256+75.68	83.63 RT	690.90
I	256+75.75	78.63 RT	690.67
J	256+64.90	78.31 RT	690.52
K	256+68.64	72.42 RT	690.48
L	256+75.28	65.15 RT	690.54



75TH STREET

SCALE IN FEET

LEGEND

- PROPOSED SIDEWALK/PATH
- DETECTABLE WARNINGS
- DEPRESSED CURB
- EXISTING LENGTH (XX.XX')
- PROPOSED SIDE CURB
- EXISTING ELEVATION

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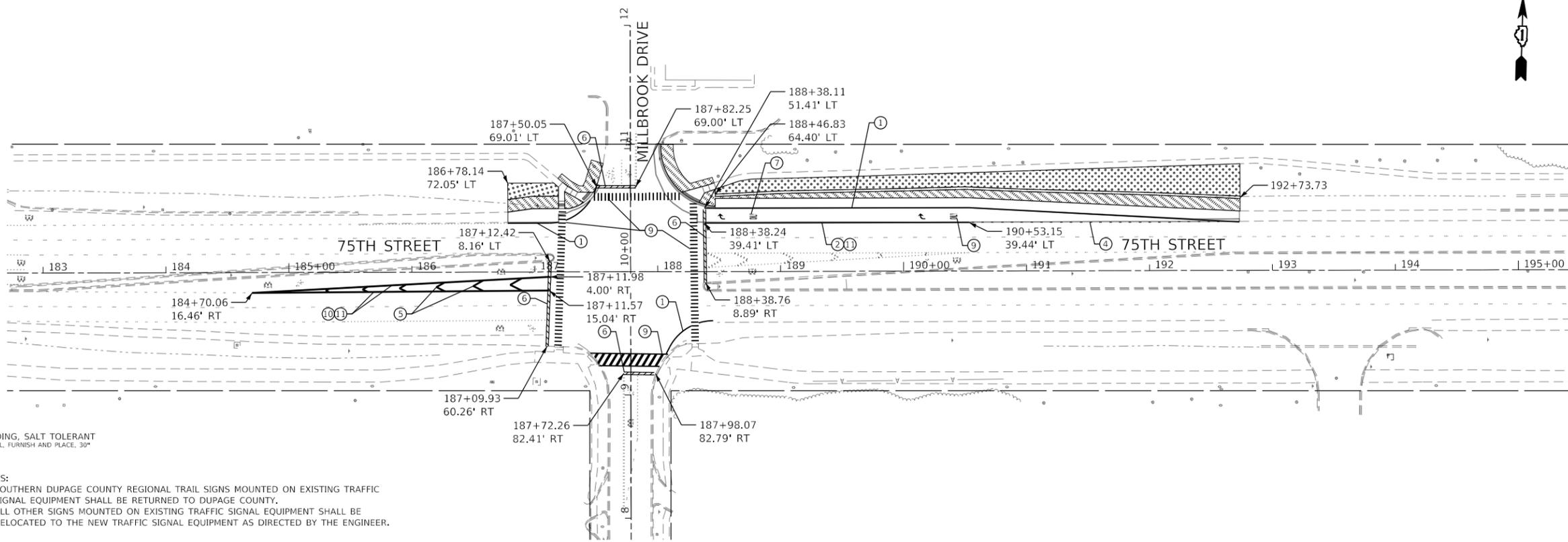
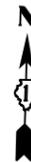
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PLOT DATE = 11/3/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAIL
75TH STREET AT OLYMPUS DRIVE

SCALE: 1" = 5'
SHEET 3 OF 4 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 90
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H29	

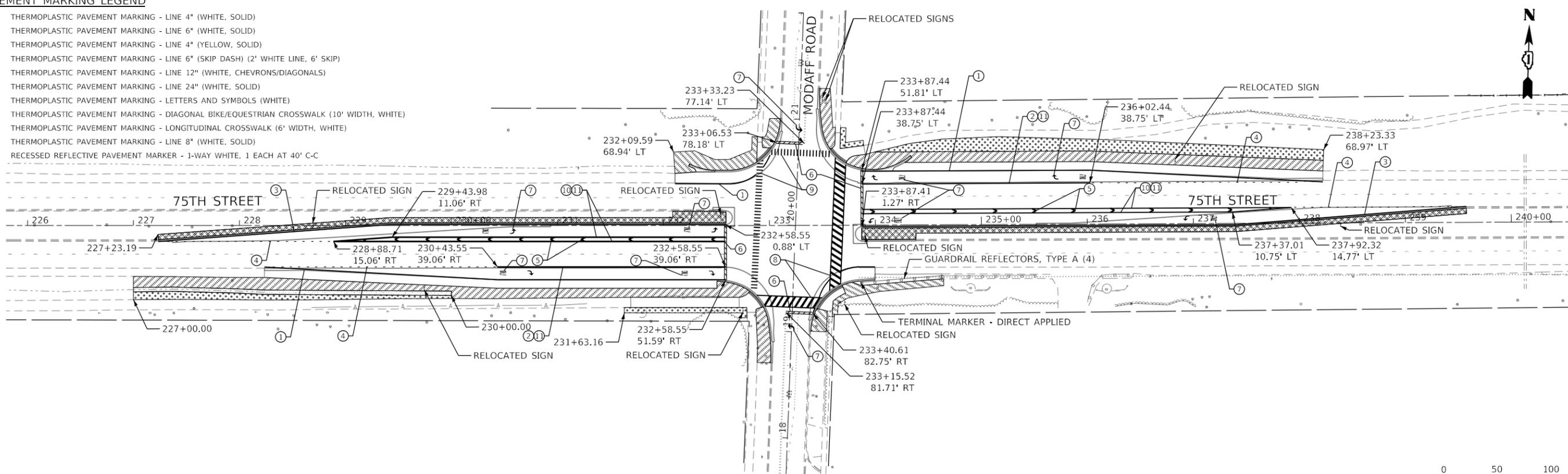


LANDSCAPING LEGEND

- SEEDING, CLASS 2A TOPSOIL, FURNISH AND PLACE, 6" EROSION CONTROL BLANKET NITROGEN AND POTASSIUM FERTILIZER NUTRIENTS @ 90 LB/ACRE
 - SODDING, SALT TOLERANT TOPSOIL, FURNISH AND PLACE, 6"
 - SODDING, SALT TOLERANT TOPSOIL, FURNISH AND PLACE, 6"
 - SODDING, SALT TOLERANT ENGINEERED SOIL FURNISH AND PLACE (SPECIAL), 30"
- NOTES:
 1. SOUTHERN DUPAGE COUNTY REGIONAL TRAIL SIGNS MOUNTED ON EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO DUPAGE COUNTY.
 2. ALL OTHER SIGNS MOUNTED ON EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE RELOCATED TO THE NEW TRAFFIC SIGNAL EQUIPMENT AS DIRECTED BY THE ENGINEER.

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE, SOLID)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE, SOLID)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW, SOLID)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP DASH) (2' WHITE LINE, 6' SKIP)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, CHEVRONS/DIAGONALS)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE, SOLID)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - DIAGONAL BIKE/EQUESTRIAN CROSSWALK (10' WIDTH, WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LONGITUDINAL CROSSWALK (6' WIDTH, WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE, SOLID)
- ⑪ RECESSED REFLECTIVE PAVEMENT MARKER - 1-WAY WHITE, 1 EACH AT 40' C-C



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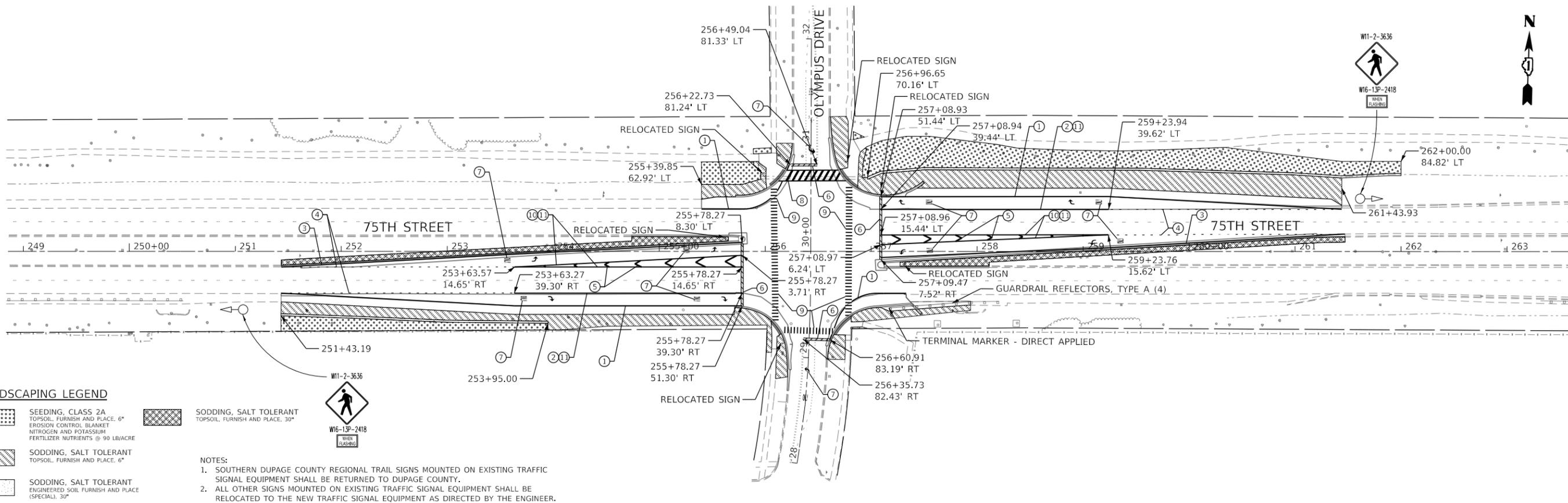


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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING, SIGNING AND LANDSCAPING PLAN			
SCALE:	SHEET 1	OF 2 SHEETS	STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 92
		CONTRACT NO. 61H29		
		ILLINOIS		FED. AID PROJECT



LANDSCAPING LEGEND

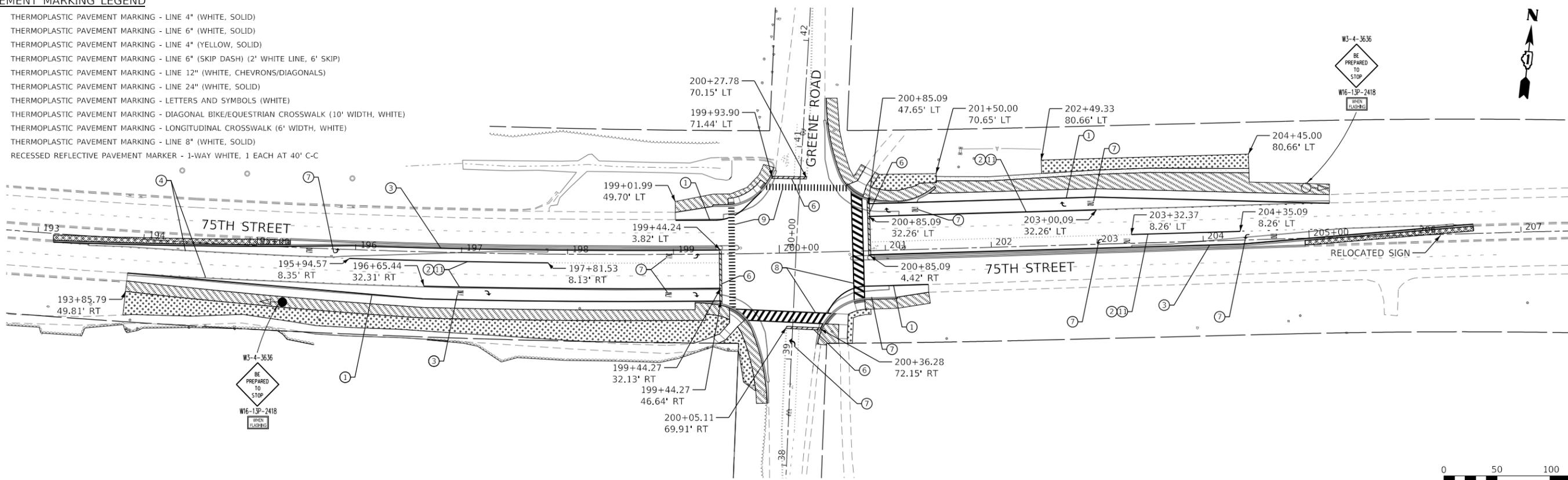
- SEEDING, CLASS 2A TOPSOIL, FURNISH AND PLACE, 6" EROSION CONTROL BLANKET NITROGEN AND POTASSIUM FERTILIZER NUTRIENTS @ 90 LB/ACRE
- SODDING, SALT TOLERANT TOPSOIL, FURNISH AND PLACE, 30"
- SODDING, SALT TOLERANT TOPSOIL, FURNISH AND PLACE, 6"
- SODDING, SALT TOLERANT ENGINEERED SOIL FURNISH AND PLACE (SPECIAL), 30"

NOTES:

1. SOUTHERN DUPAGE COUNTY REGIONAL TRAIL SIGNS MOUNTED ON EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO DUPAGE COUNTY.
2. ALL OTHER SIGNS MOUNTED ON EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE RELOCATED TO THE NEW TRAFFIC SIGNAL EQUIPMENT AS DIRECTED BY THE ENGINEER.

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE, SOLID)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE, SOLID)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW, SOLID)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SKIP DASH) (2' WHITE LINE, 6' SKIP)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE, CHEVRONS/DIAGONALS)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE, SOLID)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - DIAGONAL BIKE/EQUESTRIAN CROSSWALK (10' WIDTH, WHITE)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LONGITUDINAL CROSSWALK (6' WIDTH, WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE, SOLID)
- ⑪ RECESSED REFLECTIVE PAVEMENT MARKER - 1-WAY WHITE, 1 EACH AT 40' C-C



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, SIGNING
AND LANDSCAPING PLAN**

SCALE: SHEET 2 OF 2 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 18-00233-04-5P	COUNTY DUPAGE	TOTAL SHEETS 215	SHEET NO. 93
		CONTRACT NO. 61H29		
		ILLINOIS		FED. AID PROJECT

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

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PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

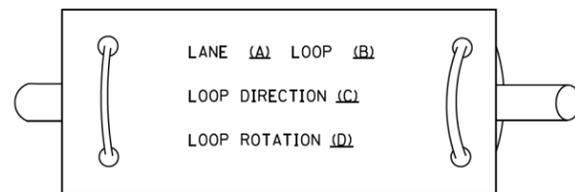
SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	94
TS-05		CONTRACT NO. 61H29		
ILLINOIS FED. AID PROJECT				

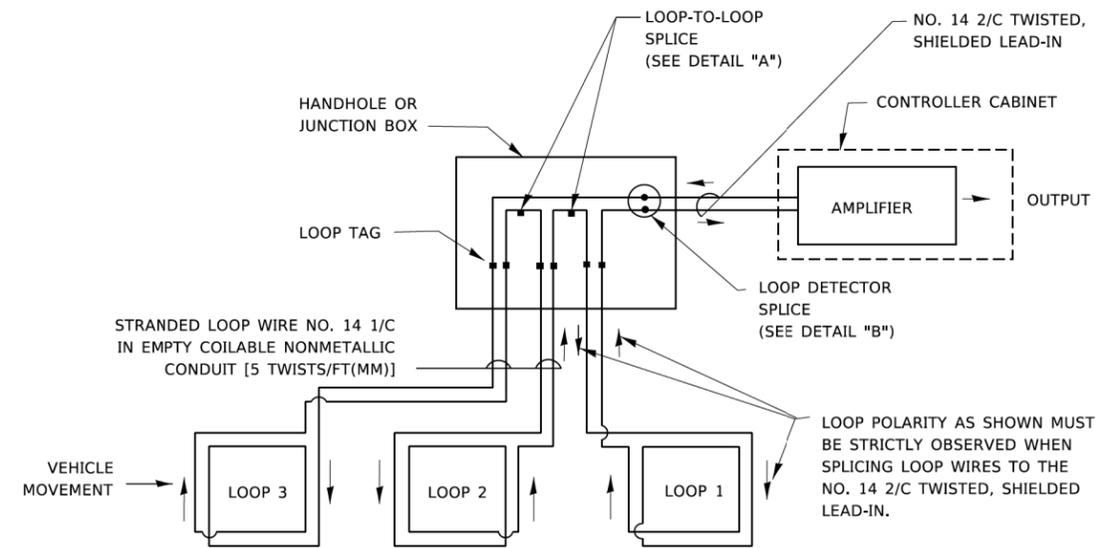
LOOP DETECTOR NOTES

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 DIVESHOLES 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

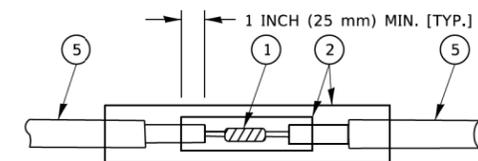


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

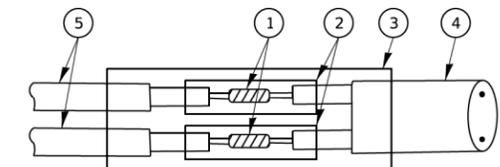


DETECTOR LOOP WIRING SCHEMATIC

- 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.

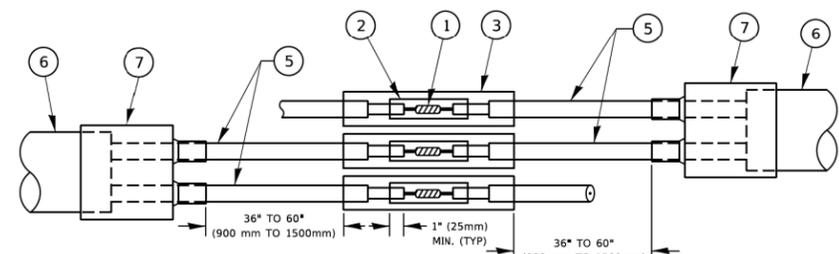


DETAIL "A"
LOOP-TO-LOOP SPLICE

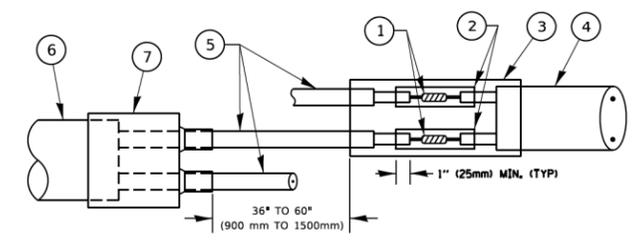


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

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 LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- ⑥ XL POLYOLEFIN 2 CONDUCTOR
- ⑦ BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

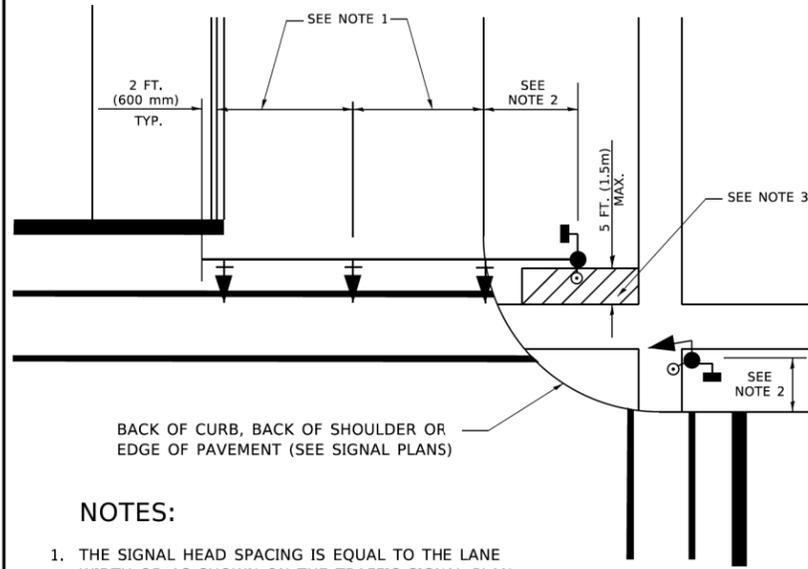
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	95
TS-05			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

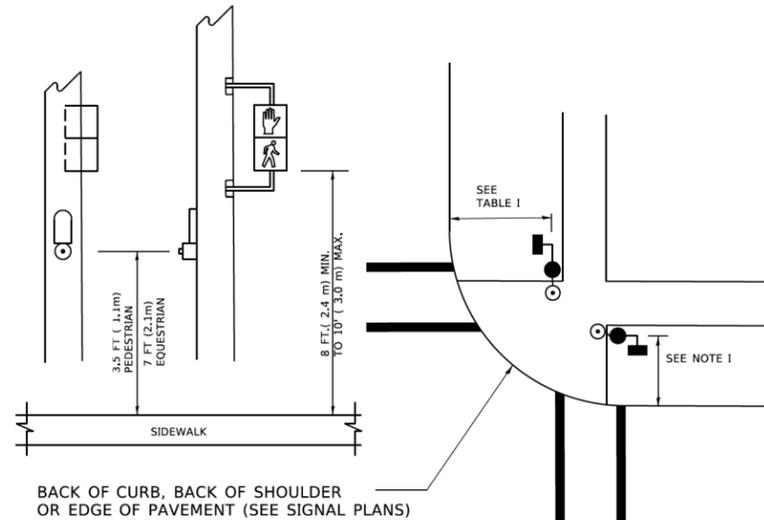
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. 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."

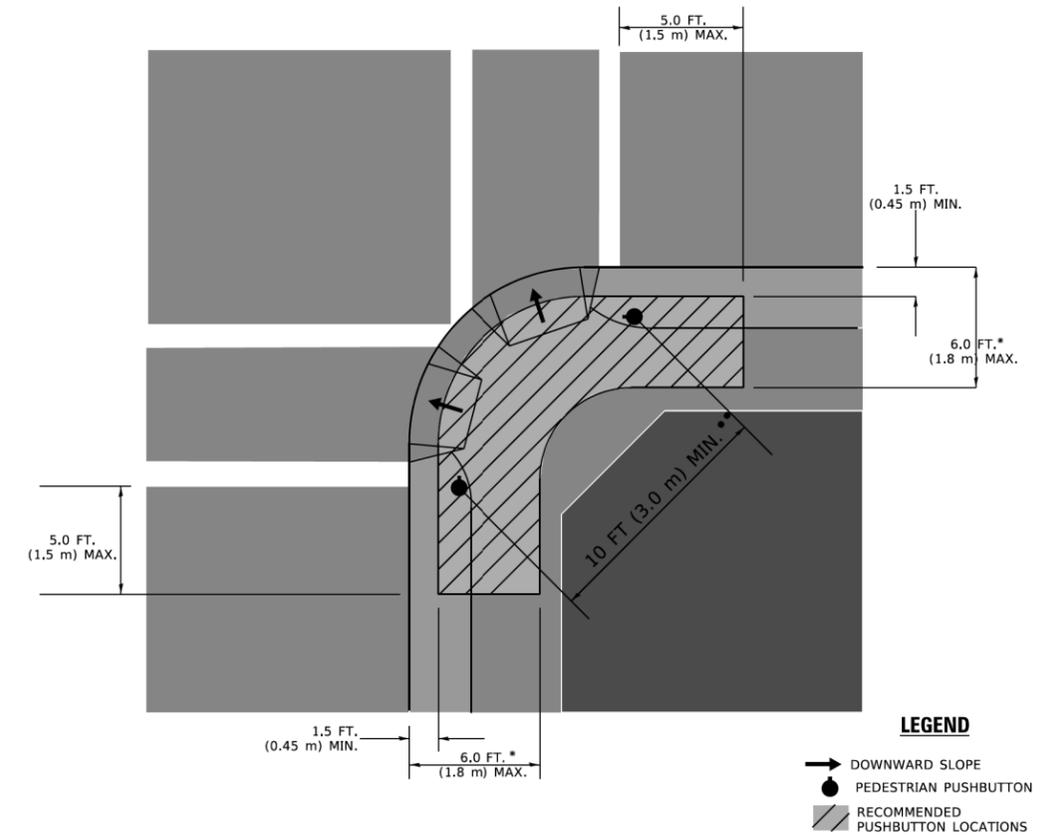
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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."

RECOMMENDED PUSHBUTTON LOCATIONS



- * 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:

1. 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 (0.5m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.5m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.3m), 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 (1.3m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

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 TO THE 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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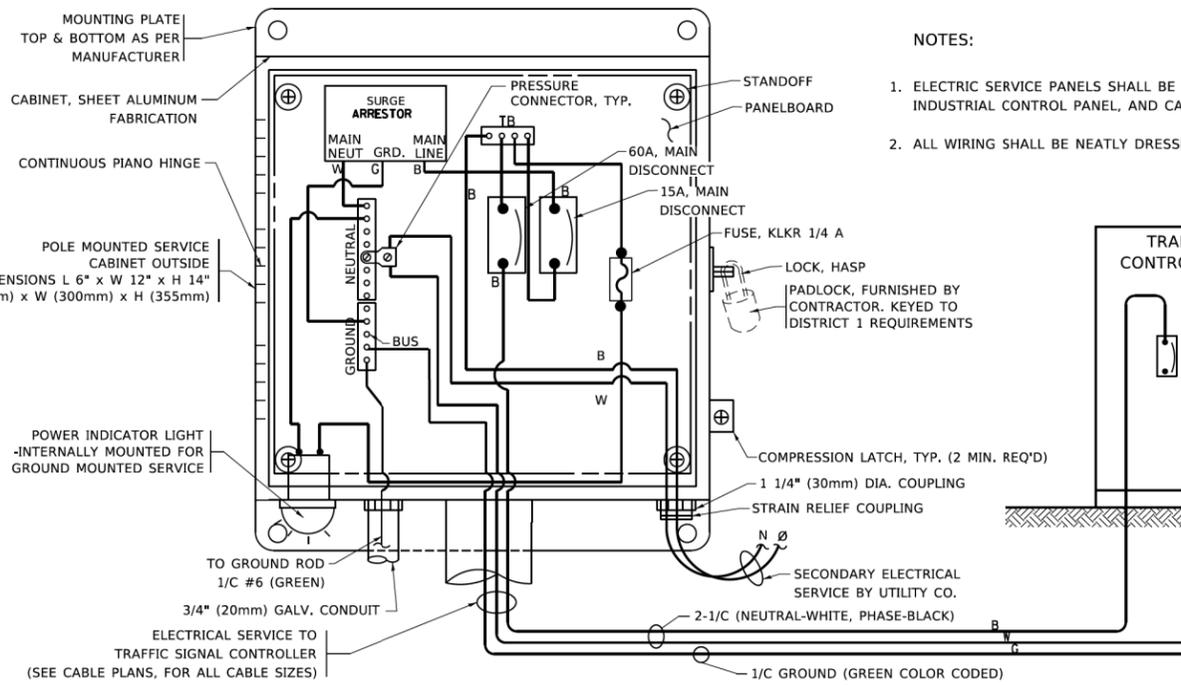
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

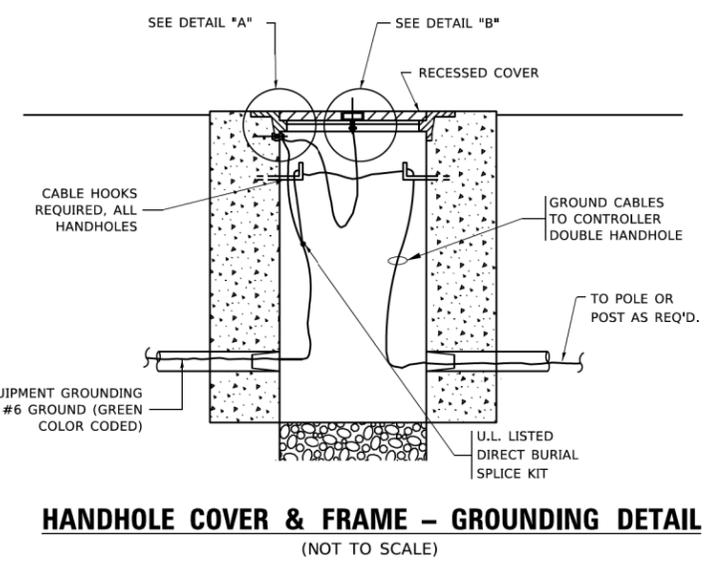
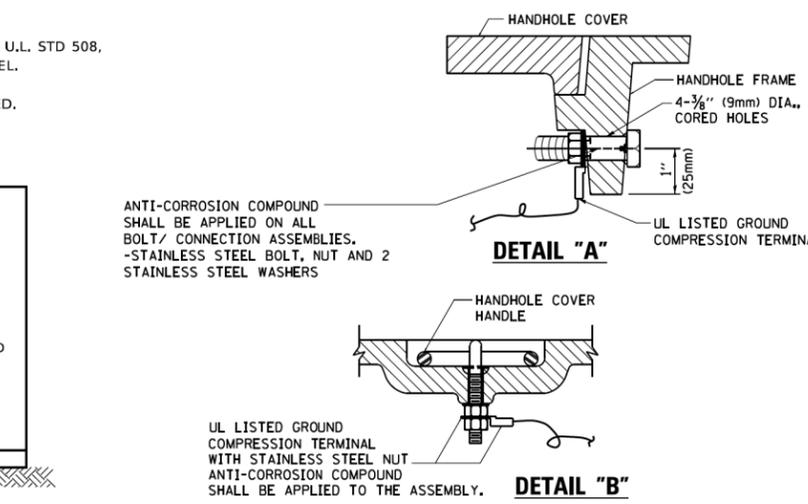
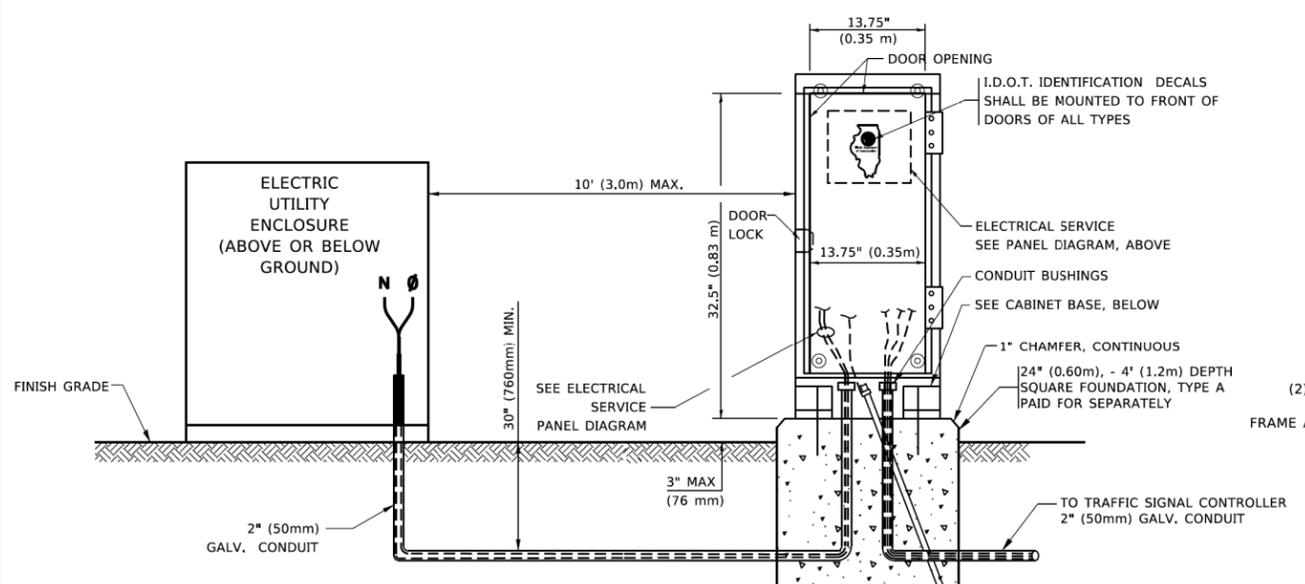
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	96
TS-05		CONTRACT NO. 61H29		
ILLINOIS FED. AID PROJECT				



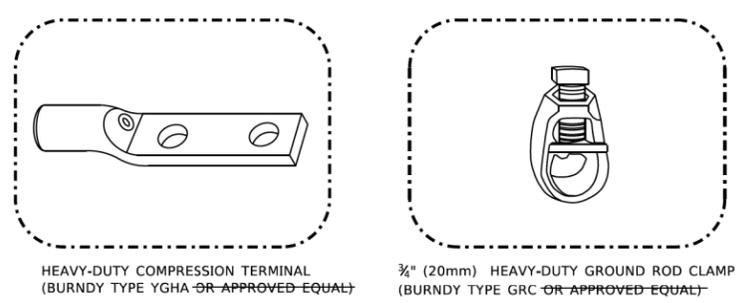
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SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



NOTES:

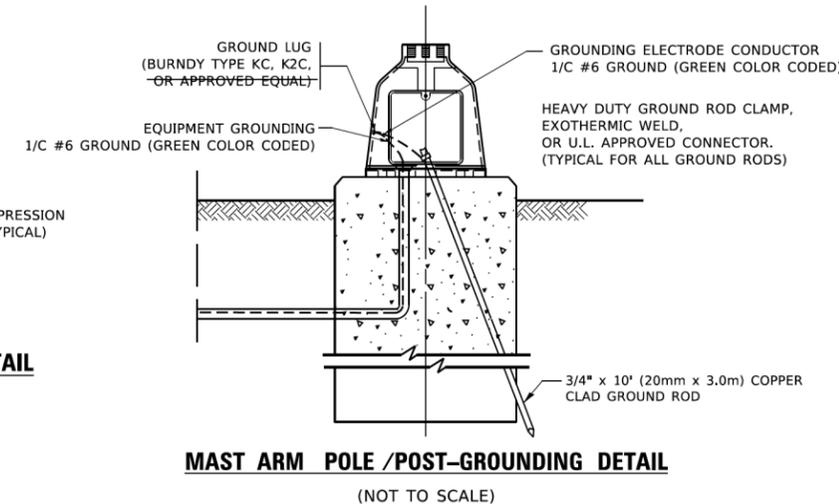
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
- 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
- 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
- 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



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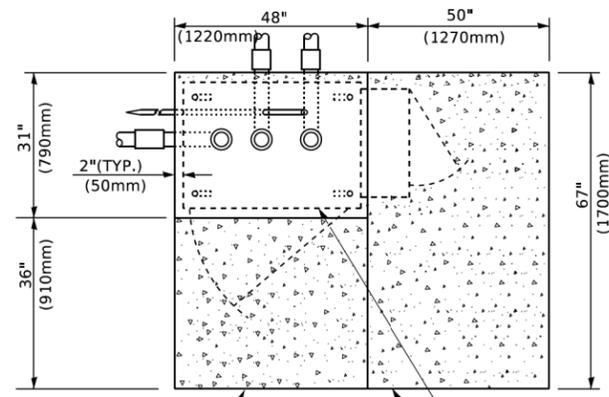
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

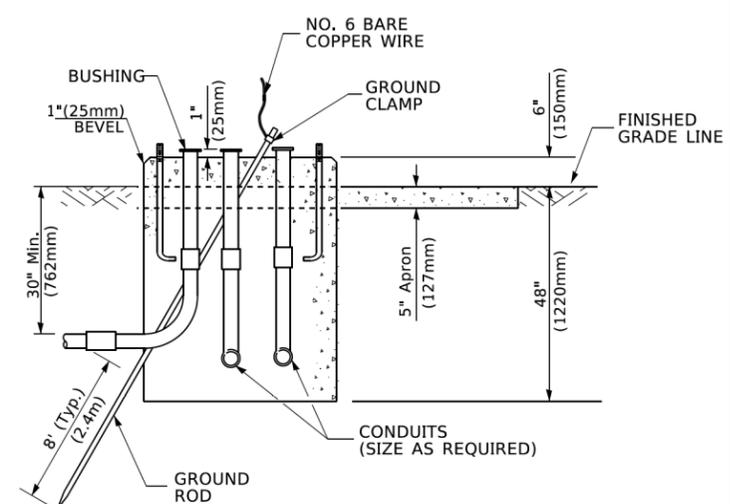
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ILLINOIS		FED. AID PROJECT		

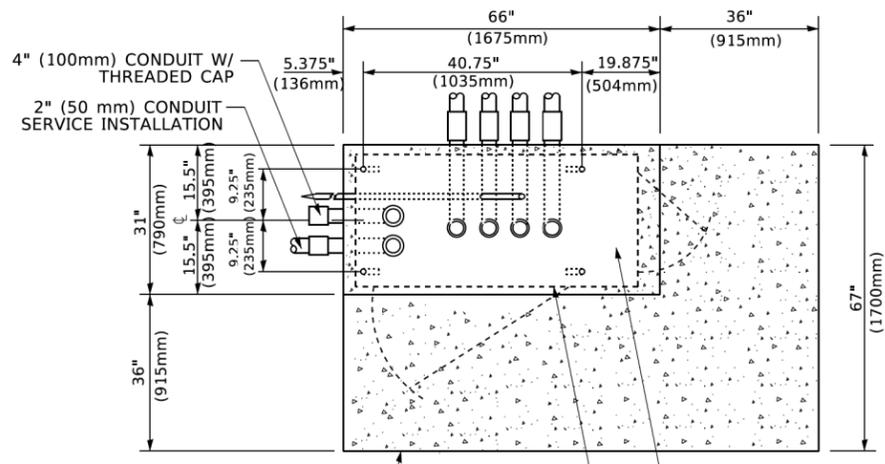


TOP VIEW

EXISTING APRON
CONTROLLER CABINET BASE
PROPOSED APRON



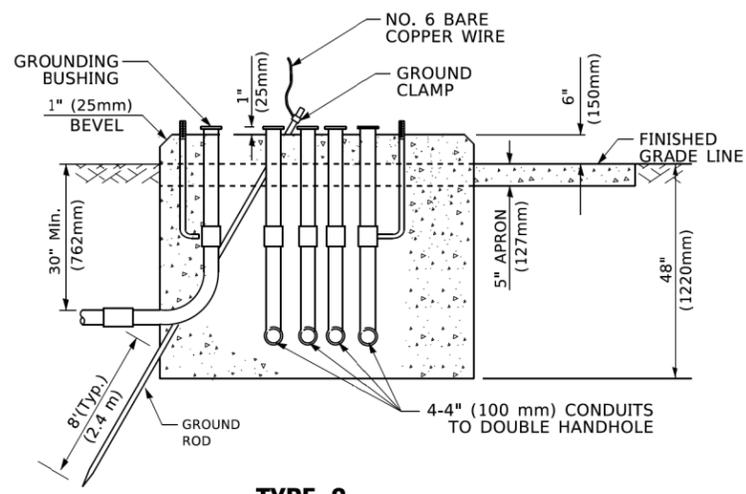
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



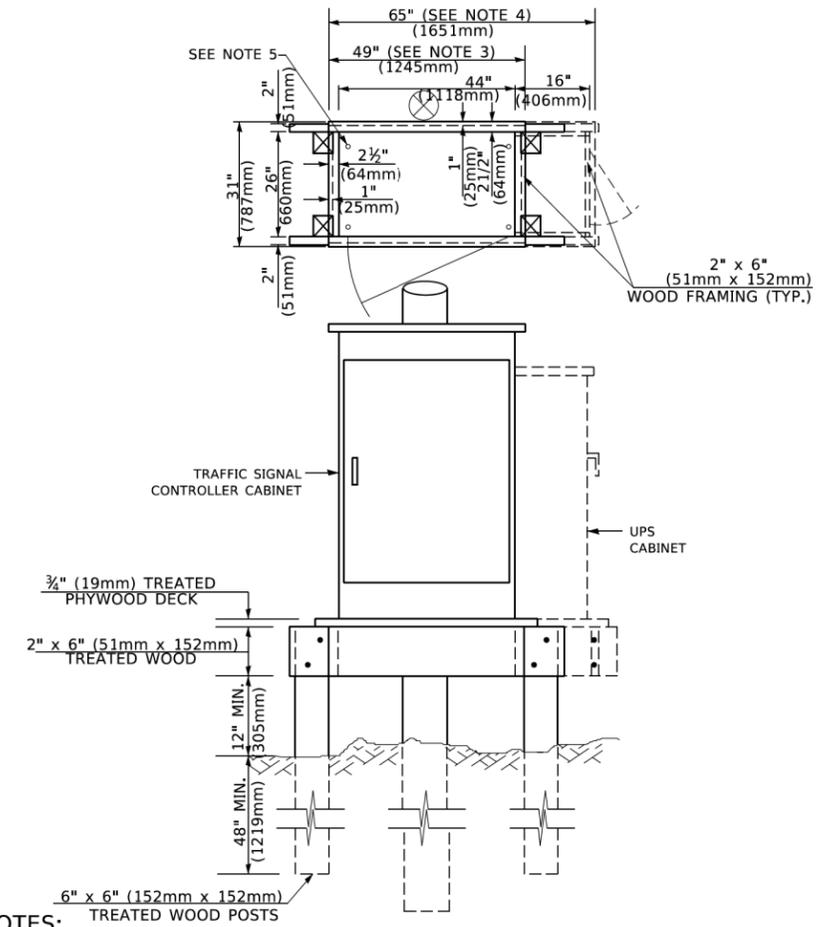
TOP VIEW

4" (100mm) CONDUIT W/ THREADED CAP
2" (50 mm) CONDUIT SERVICE INSTALLATION
APRON
CONTROLLER CABINET BASE
UPS BATTERY COMPARTMENT

NOTE:
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

- BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
- 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.
- PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
- PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
- 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.
- 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

CABLE SLACK

VERTICAL 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

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 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

- 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 (Qu) > 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.
- Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
- Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
- For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

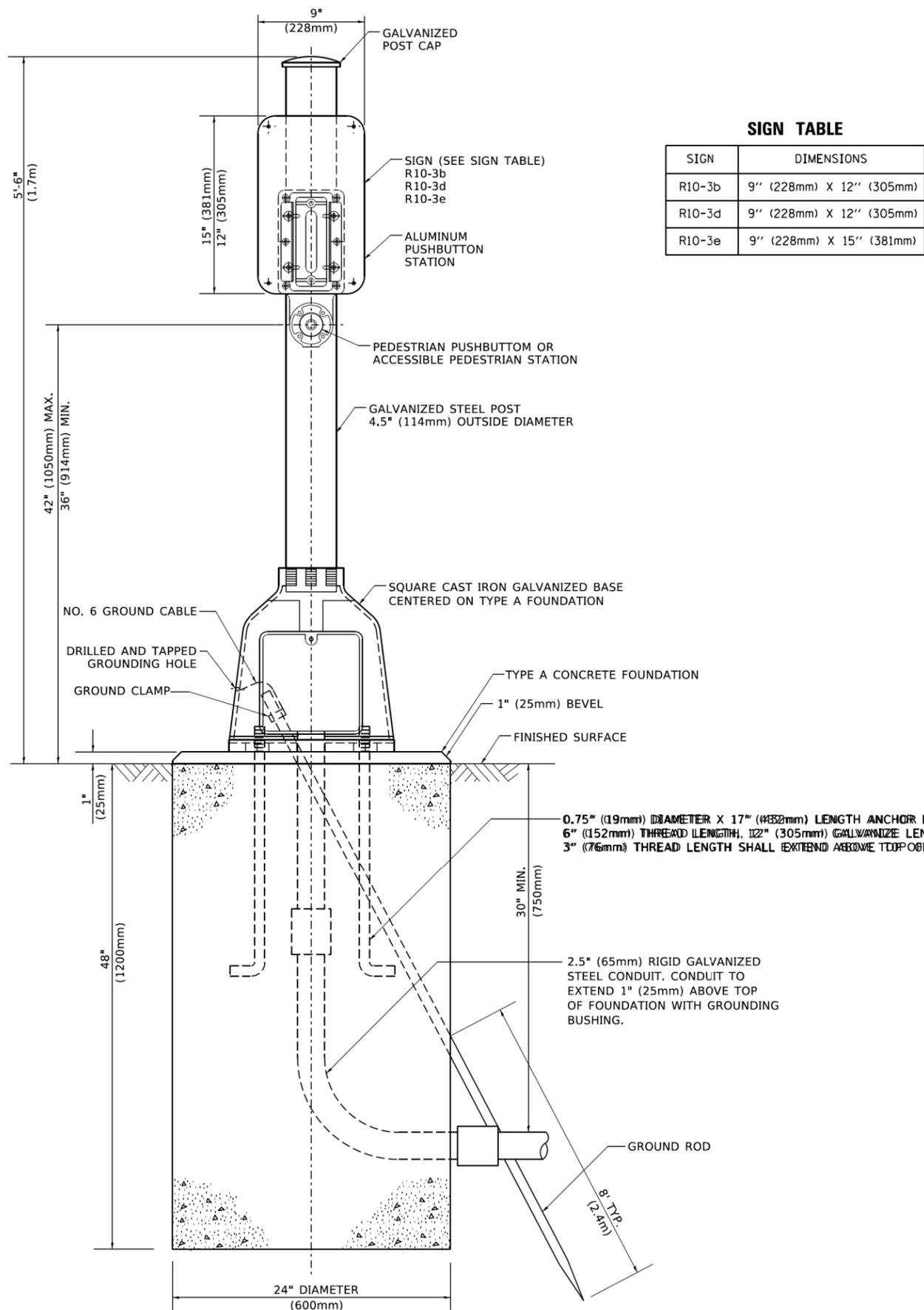
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

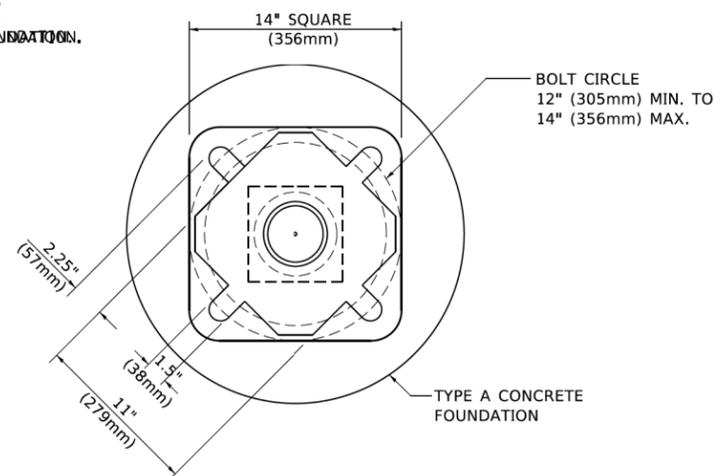
DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	18-00233-04-5P	DUPAGE	215	98
TS-05		CONTRACT NO. 61H29		
ILLINOIS / FED. AID PROJECT				



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



BOLT PATTERN

PEDESTRIAN PUSH BUTTON POST, TYPE A

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05			CONTRACT NO. 61H29	
ILLINOIS FED. AID PROJECT				