

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA

DESIGN DESIGNATION:

EAST NEW YORK STREET = ARTERIAL
 KAUTZ ROAD = MAJOR COLLECTOR
 VAUGHN ROAD = MINOR COLLECTOR

ADT:

EAST NEW YORK STREET = 26,000 (2030)
 PV=98% SU=1% MU=1%

KAUTZ ROAD = 4,000 (2030)
 PV=98% SU=1% MU=1%

VAUGHN ROAD = 5,000 (2030)
 PV=98% SU=1% MU=1%

DESIGN/POSTED SPEED:

EAST NEW YORK STREET = 45 MPH
 KAUTZ ROAD = 30 MPH
 VAUGHN ROAD = 30 MPH

BENCHMARK DATA

DESCRIPTION: A BRASS DISK MONUMENT STAMPED "DUPAGE COUNTY MAPS AND PLATS" ESTABLISHED IN THE SOUTH SIDE OF A CONCRETE HEADWALL OVER WAUBONSEE CREEK ALONG THE WEST SIDE OF EOLA ROAD. ELEVATION: 697.062 (NGVD 29)

SITE BENCHMARKS:

BENCHMARK 1: CHISELED SQUARE IN ABANDONED LIGHT POLE BASE ALONG THE NORTH SIDE OF EAST NEW YORK STREET AT THE WEST SIDE OF THE WESTERNMOST ENTRANCE TO "COLLISION REVISION" AUTO BODY SHOP. ELEVATION: 710.30 (NGVD 29)

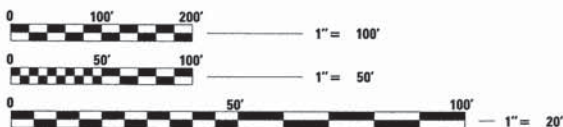
BENCHMARK 2: CHISELED SQUARE WITH "X" IN SOUTH SIDE OF METAL LIGHT POLE BASE ALONG THE NORTH SIDE OF EAST NEW YORK STREET IN THE CENTER MEDIAN OF KAUTZ ROAD. ELEVATION: 707.20 (NGVD 29)

BENCHMARK 3: CHISELED SQUARE IN SOUTH SIDE OF CONCRETE LIGHT POLE BASE ALONG THE NORTH SIDE OF EAST NEW YORK STREET AT THE WESTERN MOST LIGHT POLE IN THE CAR DEALERSHIP /LOT ACROSS FROM THE WELSH DRIVE INTERSECTION. ELEVATION: 712.97 (NGVD 29)

BENCHMARK 4: SOUTHWEST "BURY" BOLT ON FIRE HYDRANT. HYDRANT IS 240 FEET NORTH OF THE CENTERLINE OF EAST NEW YORK STREET ALONG THE WEST SIDE OF VAUGHN ROAD /VAUGHN CIRCLE. ELEVATION: 718.06 (NGVD 29)

BENCHMARK 5: CHISELED SQUARE IN WEST SIDE OF CONCRETE LIGHT POLE BASE IN THE CENTER MEDIAN OF EAST NEW YORK STREET 900 FEET +/- EAST OF THE CENTERLINE OF VAUGHN ROAD /VAUGHN CIRCLE. ELEVATION: 714.47 (NGVD 29)

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

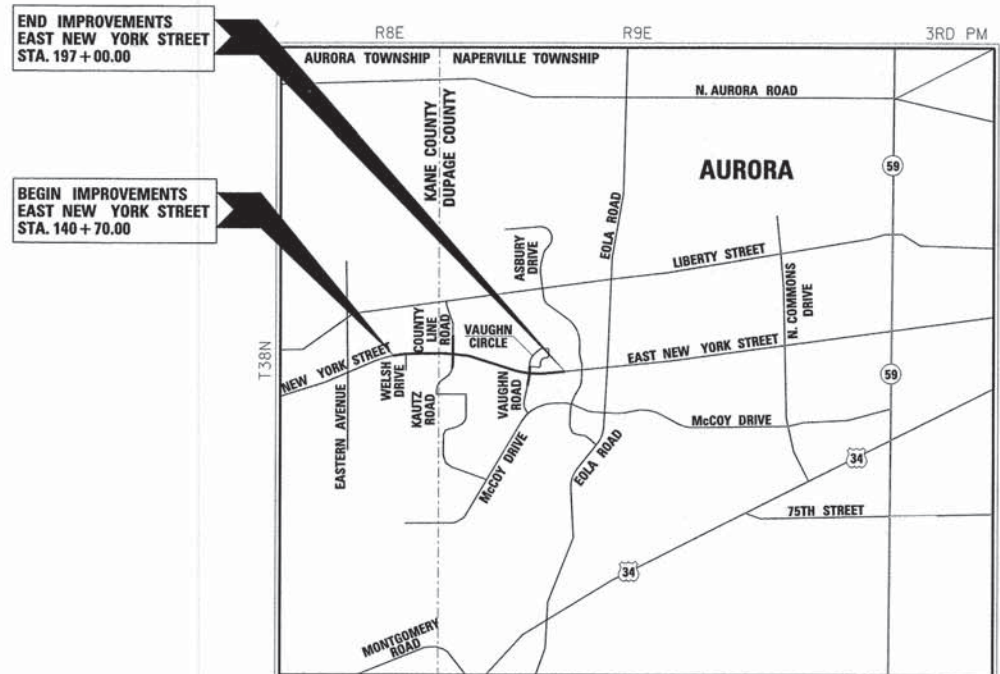


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED

CONTRACT NO. 63838

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

F.A.U. 1522 (EAST NEW YORK STREET)
 WEST OF WELSH DRIVE TO ASBURY DRIVE
 ROADWAY RECONSTRUCTION
 PROJ. M-HPP-4086(004)
 SECTION: 07-00210-01-PV
 CITY OF AURORA
 KANE / DUPAGE COUNTY
 JOB NO.: C91-185-12



LOCATION MAP
 (NOT TO SCALE)

PROJECT GROSS AND NET LENGTH:
 EAST NEW YORK STREET = 5,630.00 FEET (1.07 MILES)

THIS IMPROVEMENT IS LOCATED
 IN THE CITY OF AURORA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	1

CONTRACT NO. 63838



LOCATION OF SECTION INDICATED THIS: -

AGENCY RESPONSIBLE FOR LETTING

APPROVED 6/6 20 13
Chris E. Lirot
 CITY OF AURORA - CHRIS E. LIROT

PASSED June 7 20 13
C. J. Holt
 DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED
 REVIEW June 7 20 13
John Fortmann
 DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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 OF THE STATE OF ILLINOIS



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 Phone: 630.553.7560 | Toll Free: 800.728.7805 | Fax: 630.553.7646 | HRGreen.com
 ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322



Anthony P. Simmons 6/5/2013
 ANTHONY P. SIMMONS, P.E.
 NO. 062-058414
 EXPIRES: 11/30/13
 HR GREEN, INC.

DISTRICT 1 - PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847) 705-4406, SCHAUMBURG, IL

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS / LIST OF HIGHWAY STANDARDS
3 - 4	GENERAL NOTES AND COMMITMENTS
5 - 10	SUMMARY OF QUANTITIES
11 - 15	TYPICAL SECTIONS
16	HMA TRANSITION AT WESTERN TERMINUS DETAIL
17	SUPERELEVATION TRANSITION DETAILS
18 - 22	SCHEDULE OF QUANTITIES
23	PAVEMENT SCHEDULE
24	SIGN SCHEDULE AND EARTHWORK SCHEDULE
25	PAVEMENT MARKING SCHEDULE
26 - 29	MAINTENANCE OF TRAFFIC SCHEDULE
30 - 31	ALIGNMENT, TIES AND BENCHMARKS
32 - 33	REMOVAL PLANS
34 - 40	PLAN AND PROFILES
41 - 59	SUGGESTED MAINTENANCE OF TRAFFIC
60 - 61	EROSION CONTROL PLANS
62 - 64	DRAINAGE SCHEDULES
65 - 71	DRAINAGE PLAN AND PROFILES
72	WATER MAIN REMOVAL SCHEDULE
73 - 74	WATER MAIN SCHEDULE
75	UTILITY CROSSING SCHEDULE
76 - 80	WATER MAIN PLAN AND PROFILES
81 - 86	INTERSECTION PAVEMENT ELEVATION PLANS
87 - 89	PAVEMENT MARKING AND SIGNAGE PLANS
90 - 95	STANDARD TRAFFIC SIGNAL DESIGN DETAILS
96 - 99	TEMPORARY TRAFFIC SIGNAL PLANS (KAUTZ / COUNTY LINE ROAD)
100 - 102	TRAFFIC SIGNAL PLANS (KAUTZ / COUNTY LINE ROAD)
103 - 105	TEMPORARY TRAFFIC SIGNAL PLANS (VAUGHN ROAD / VAUGHN CIRCLE)
106 - 108	TRAFFIC SIGNAL PLANS (VAUGHN ROAD / VAUGHN CIRCLE)
109 - 110	INTERCONNECT PLAN
111	INTERCONNECT SCHEMATIC
112 - 116	LIGHTING PLANS
117 - 118	SEGMENTAL CONCRETE BLOCK WALL DETAILS
119 - 130	MISCELLANEOUS DETAILS
131 - 156	CROSS-SECTIONS (EAST NEW YORK STREET)
157 - 159	CROSS-SECTIONS (KAUTZ / COUNTY LINE ROAD)
160 - 163	CROSS-SECTIONS (VAUGHN ROAD / VAUGHN CIRCLE)
164 - 167	UTILITY CROSSING CROSS-SECTIONS (EAST NEW YORK STREET)

LIST OF HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	701901-02	TRAFFIC CONTROL DEVICES
280001-07	TEMPORARY EROSION CONTROL SYSTEMS	704001-07	TEMPORARY CONCRETE BARRIER
420001-07	PAVEMENT JOINTS	720001-01	SIGN PANEL MOUNTING DETAILS
420101-04	24' JOINTED PCC PAVEMENT	720006-03	SIGN PANEL ERECTION DETAILS
420111-03	PCC PAVEMENT ROUNDOUTS	720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS	780001-03	TYPICAL PAVEMENT MARKINGS
424011-01	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS	781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
424021-01	DEPRESSED CORNER FOR SIDEWALKS	805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
424026-01	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS	814001-02	HANDHOLES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION	814006-02	DOUBLE HANDHOLES
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION	825021-02	LIGHTING CONTROLLER, BASE MOUNTED, 240V
601001-04	SUB-SURFACE DRAINS	830001-01	LIGHT POLE ALUMINUM MAST ARM
602001-02	CATCH BASIN, TYPE A	857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
602011-02	CATCH BASIN, TYPE C	862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
602301-03	INLET, TYPE A	873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
602306-03	INLET, TYPE B	877011-05	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
602401-03	MANHOLE, TYPE A	878001-09	CONCRETE FOUNDATION DETAILS
602406-05	MANHOLE, TYPE A, 6' DIAMETER	880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
602411-03	MANHOLE, TYPE A, 7' DIAMETER	880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
602501-02	VALVE VAULT, TYPE A		
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP		
602701-02	MANHOLE STEPS		
604001-03	FRAME AND LIDS, TYPE 1		
604006-04	FRAME AND GRATE, TYPE 3		
604011-04	FRAME AND GRATE, TYPE 3V		
604051-03	FRAME AND GRATE, TYPE 11		
604091-02	FRAME AND GRATE, TYPE 24		
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER		
606201-02	TYPE B GUTTER (INLET, OUTLET AND ENTRANCE)		
606301-04	PC CONCRETE ISLANDS AND MEDIANS		
666001-01	RIGHT OF WAY MARKERS		
667101-01	PERMANENT SURVEY MARKERS		
701101-03	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE		
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY		
701501-06	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED		
701601-08	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN		
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN		
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION		
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE		

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PROFILE	SURVEYED	DATE
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS / LIST OF HIGHWAY STANDARDS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	2
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 63838				

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE CITY OF AURORA IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE CITY WITHIN THE DURATION OF THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED, INCLUDING CLAIMS BY THE CONTRACTOR FOR TIME LOST (LABOR AND EQUIPMENT) DUE TO UTILITIES LOCATIONS OR RELOCATING UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

STAKING

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE PROPOSED ROADWAY CENTERLINE.

THE OFFSETS FOR DRAINAGE STRUCTURES WITHIN THE CURB ARE MEASURED TO THE EDGE OF PAVEMENT. THE OFFSETS FOR ALL OTHER DRAINAGE STRUCTURES ARE MEASURED TO THE CENTER OF THE STRUCTURE.

ALL ELEVATIONS ARE ON THE NGVD 29 DATUM.

SEWER AND WATER MAINS

ANY LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

THE COST OF INTERCONNECTIONS BETWEEN THE PROPOSED AND EXISTING SEWER SYSTEMS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE PROPOSED SYSTEM. ALL FRAMES, GRATES AND LIDS TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY OF THE CITY. ANY ITEMS DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES AND LIDS AND/OR STOCKPILING THEM ON THE JOB SITE FOR PICK-UP BY THE CITY OR DELIVERY TO THE CITY MAINTENANCE YARD SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT SHALL HAVE THE FOLLOWING WORDS CAST INTO THE LID: "CITY OF AURORA". ANY ADDITIONAL COST FOR THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE FRAMES AND CLOSED LIDS PROVIDED.

SEWER AND WATER MAINS (CONTINUED)

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

THE CONTRACTOR SHALL CONTACT THE CITY OF AURORA WATER AND SEWER DEPARTMENT AT (630) 256-3710 AND WATER PRODUCTION AT (630) 256-3250 A MINIMUM OF 48 HOURS PRIOR TO ANY DISRUPTION IN WATER SERVICE.

SEDIMENTATION AND EROSION CONTROL

SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY AND PERMANENT MEASURES.

SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

CLASS 1B SEEDING, FERTILIZER, AND EROSION CONTROL BLANKET SHALL BE APPLIED ON ALL DISTURBED AREAS IN ACCORDANCE WITH SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.

DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF THE ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE IN ACCORDANCE WITH SECTIONS 250 AND 280 OF THE STANDARD SPECIFICATIONS.

AREAS OF EMBANKMENTS HAVING SLOPES GREATER THAN 3H:1V SHALL BE STABILIZED WITH SOD, MAT, OR BLANKET IN COMBINATION WITH SEEDING.

ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

EROSION CONTROL SYSTEMS SHALL BE INSPECTED WEEKLY AND IMMEDIATELY FOLLOWING ANY STORM HAVING A RAINFALL EQUAL TO ONE-HALF INCH OR GREATER. ANY REQUIRED REPAIRS TO THE EROSION CONTROL SYSTEMS SHALL BE MADE IMMEDIATELY. ANY SILTATION OF CULVERTS, STRUCTURES, OR DITCHES SHALL BE CLEANED AND MAINTAINED BY THE CONTRACTOR UNTIL SEEDING HAS TAKEN HOLD. ALL WASHOUTS, GULLIES, ETC. WILL BE REGRADED AND RESEDED BY THE CONTRACTOR. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED AS DIRECTED BY THE ENGINEER.

ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT OR AS DIRECTED BY THE ENGINEER AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES.

IF DE-WATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).

THE EROSION CONTROL MEASURES INDICATED IN THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS
(SHEET 1 OF 2)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	3
CONTRACT NO. 63838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MISCELLANEOUS

THE CONTRACTOR IS ENCOURAGED TO RECYCLE ONSITE MATERIALS, SUCH AS RAP, FOR USE IN THE PROPOSED CONSTRUCTION.

ANY REFERENCE TO A STANDARD THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN THE LATEST EDITION OF THAT STANDARD AS PUBLISHED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS, AND PEDESTRIAN ACCESS TO EACH ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE CONTRACT.

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS PRIOR TO PROCEEDING WITH CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

TYPE I AND TYPE II BARRICADES SHALL BE WEIGHTED DOWN WITH TWO SANDBAGS EACH. TYPE III BARRICADES SHALL BE WEIGHTED DOWN WITH FOUR SANDBAGS EACH.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY PROPERTY WITHOUT WRITTEN CONSENT FROM THE CITY OF AURORA.

THE REMOVAL OF AGGREGATE SHOULDERS AND ENTRANCES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR "EARTH EXCAVATION."

SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER. THE COST OF SAW CUTTING WILL BE INCLUDED IN CONTRACT UNIT BID PRICES FOR THE ITEMS BEING REMOVED.

ADDITIONAL PAVEMENT REMOVAL WILL BE REQUIRED IN AREAS WHERE THE PROPOSED PAVEMENT WIDENING IS LESS THAN 2' IN ORDER TO OBTAIN THE REQUIRED COMPACTION WITHIN THE PROPOSED WIDENING AREA. ADEQUATE QUANTITIES HAVE BEEN PROVIDED.

FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

GEOTECHNICAL SOILS REPORTS WERE PREPARED FOR THIS PROJECT AND ARE AVAILABLE FOR BIDDERS TO REVIEW BY CONTACTING THE LEAD LOCAL AGENCY AT (630) 256-3200.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

PAY ITEM DESCRIPTION	MIX TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50: EAST NEW YORK STREET - 1 1/2" COUNTY LINE ROAD - 1 1/2" VAUGHN ROAD - 1 1/2" VAUGHN CIRCLE - 1 1/2" BIKE PATH - 2" TEMPORARY PAVEMENT - 2"	IL-9.5 mm	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50: VAUGHN ROAD - 2 1/4"		4% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N50: EAST NEW YORK STREET - 3/4" (& VAR.) COUNTY LINE ROAD - 3/4" VAUGHN CIRCLE - 3/4" (& VAR.)	IL-9.5 mm	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 5 3/4" (IN 2 LIFTS): VAUGHN ROAD	HMA BINDER IL-19 mm	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 6" (IN 2 LIFTS): TEMPORARY PAVEMENT	HMA BINDER IL-19 mm	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, 7 1/4" (IN 3 LIFTS): COUNTY LINE ROAD	HMA BINDER IL-19 mm	4% @ 50 GYR.
TEMPORARY RAMP	HMA BINDER IL-19 mm	4% @ 50 GYR.
CLASS D PATCHES, TYPE II, 12 INCHES (IN 4 LIFTS)	HMA BINDER IL-19 mm	4% @ 70 GYR.
CLASS D PATCHES, TYPE IV, 12 INCHES (IN 4 LIFTS)	HMA BINDER IL-19 mm	4% @ 70 GYR.

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY/IN.
2. THE "AC TYPE" FOR POLYMERIZED HOT-MIX ASPHALT MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HOT-MIX ASPHALT THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.

TREES

HEALTHY AND PROPERLY PRUNED STREET TREES, HAVING A TRUNK DIAMETER MEASURED TWELVE INCHES (12") ABOVE THE GROUND LEVEL OF NOT LESS THAN TWO AND ONE-HALF INCHES (2-1/2") SHALL BE PLANTED IN THE GRASS MEDIAN AT A RATE OF ONE (1) TREE PER EVERY SEVENTY-FIVE FEET (75'). NO TREE SHALL BE PLANTED CLOSER THAN FIFTY FEET (50') FROM ANY RIGHT-OF-WAY INTERSECTION, CLOSER THAN ONE HUNDRED FEET (100') FROM ANY TRAFFIC CONTROL DEVICE, OR CLOSER THAN TEN FEET (10') FROM ANY DRIVEWAY, UNDERGROUND UTILITY STRUCTURE, OR LUMINAIRE.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

ALL EXISTING TREE STUMPS WHICH LIE WITHIN RIGHT-OF-WAY LIMITS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ALL TREE STUMPS REMOVED, WHICH ARE GREATER THAN SIX INCHES DIAMETER, SHALL BE CLASSIFIED AND PAID FOR AS TREE REMOVAL.

COMMITMENTS

KIMBERLY AND NANETTE THEOBALD PROPERTY:
ANY EXISTING DRAIN TILES ENCOUNTERED ALONG THE NORTH SIDE OF EAST NEW YORK STREET, BETWEEN STA. 155+60 AND STA. 160+40, SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM. QUANTITIES OF EXPLORATION TRENCH AND STORM SEWER (SPECIAL) HAVE BEEN PROVIDED IN THE CONTRACT (SEE DRAINAGE PLANS).

A CURB CUT FOR FUTURE ACCESS (BY OTHERS) SHALL BE PROVIDED ON THE WEST SIDE OF COUNTY LINE ROAD, NEAR STA. 608+80. NO ENTRANCE IMPROVEMENTS BESIDES THE CURB CUT SHALL BE PROVIDED.

JOHN AND CAROL MAGILL PROPERTY:
THE EXISTING ENTRANCE NEAR STA. 165+60 SHALL BE SHIFTED EAST TO STA. 166+05.

THE PROPOSED SIDEWALK SHALL BE 5' BEHIND THE PROPOSED BACK OF CURB BETWEEN STA. 166+80 AND STA. 167+54.

A TOTAL OF SEVEN (7) NEW TREES SHALL BE PLANTED WITHIN THE RIGHT-OF-WAY, ALONG THE NORTH SIDE OF EAST NEW YORK STREET BETWEEN STA. 166+05 AND STA. 167+74. THE MINIMUM TREE SPACING SHALL BE 15'.

DORA, LLC (COLLISION REVISION) PROPERTY:
A NEW 2" WATER SERVICE AND SHUT-OFF VALVE SHALL BE PROVIDED ON THE NORTH SIDE OF EAST NEW YORK STREET NEAR STA. 170+00. THE SERVICE LINE SHALL BE EXTENDED TO THE RIGHT-OF-WAY LINE AND STUBBED FOR FUTURE CONNECTION (BY OTHERS).

MARIA LENZINI PROPERTY:
PROPERTY OWNER WILL REMOVE EXISTING FENCE AND RELOCATE OFF RIGHT-OF-WAY PRIOR TO THE CONTRACTOR BEGINNING WORK IN THIS AREA (SOUTHWEST CORNER OF EAST NEW YORK STREET AT VAUGHN ROAD).

THE FOLLOWING EXISTING TREES SHALL NOT BE DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS:
183+02, 70' RT
183+32, 74' RT
183+50, 72' RT
184+10, 71' RT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND COMMITMENTS
(SHEET 2 OF 2)

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							1522	07-00210-01-PV	DUPAGE/KANE	167	4
CONTRACT NO. 63838											
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT											

PLAN SURVEYED BY DATE
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 NOTE BOOK NO. OF WAY CHECKED
 NO. STRUCTURE NOTATION CPWD

PROFILE SURVEYED BY DATE
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 NOTE BOOK NO. OF WAY CHECKED
 NO. STRUCTURE NOTATION CPWD

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	SAFETY 0021	BIKE / PED TRAILS 0028	LANDSCAPING 0031	STORM SEWER / WATER MAIN 0043	WATER MAIN / LIGHTING 100% LOCAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	572				572		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	737				737		
20100500	TREE REMOVAL, ACRES	ACRE	0.25				0.25		
* 20200100	EARTH EXCAVATION	CU YD	20685	20685					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2012	2012					
* 20800150	TRENCH BACKFILL	CU YD	3166					2166	1000
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2304	2304					
Δ 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	17894	17894					
Δ 21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	3090	3090					
Δ 25000110	SEEDING, CLASS 1A	ACRE	2.00				2.00		
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	330				330		
Δ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	330				330		
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	330				330		
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	8817	8817					
Δ 25200110	SODDING, SALT TOLERANT	SQ YD	12161				12161		
Δ 25200200	SUPPLEMENTAL WATERING	UNIT	184				184		
Δ * 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2225	2225					
Δ 28000500	INLET AND PIPE PROTECTION	EACH	23	23					
Δ 28000510	INLET FILTERS	EACH	98	98					
28100105	STONE RIPRAP, CLASS A3	SQ YD	9	9					
28100109	STONE RIPRAP, CLASS A5	SQ YD	38	38					
28200200	FILTER FABRIC	SQ YD	47	47					
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2012	2012					
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	37001	37001					
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2214		2214				
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	10232	4120		6112			
35501307	HOT-MIX ASPHALT BASE COURSE, 5 3/4"	SQ YD	848	848					
35501313	HOT-MIX ASPHALT BASE COURSE, 7 1/4"	SQ YD	72	72					
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2075	527		1548			
40600300	AGGREGATE (PRIME COAT)	TON	1	1					
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	53	53					
40600990	TEMPORARY RAMP	SQ YD	112	112					
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	107	107					
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	628	26		602			
* 42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	30497	30497					
* 42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	556	556					
* 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1094	1094					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	19938		19938				
42400800	DETECTABLE WARNINGS	SQ FT	397		397				
* 44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	192	192					
* 44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	40	40					
* 44000100	PAVEMENT REMOVAL	SQ YD	28565	28565					
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	522	522					

Δ INDICATES SPECIALTY ITEM.
 * SEE SPECIAL PROVISIONS.



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 (SHEET 1 OF 6)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	5
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63838	

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CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY	BIKE / PED TRAILS	LANDSCAPING	STORM SEWER / WATER MAIN	WATER MAIN / LIGHTING
				0004	0021	0028	0031	0043	100% LOCAL
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1819	1819					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2638	2638					
44000600	SIDEWALK REMOVAL	SQ FT	1085	1085					
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	55		55				
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1					1	
50104400	CONCRETE HEADWALL REMOVAL	EACH	2					2	
* 50105220	PIPE CULVERT REMOVAL	FOOT	49					49	
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	86					86	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1					1	
* 54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	2					2	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2104					2104	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	727					727	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	203					203	
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	194					194	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	258					258	
550A0130	STORM SEWERS, CLASS A, TYPE 1 27"	FOOT	428					428	
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	517					517	
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	370					370	
* 55100500	STORM SEWER REMOVAL 12"	FOOT	940					940	
* 55100700	STORM SEWER REMOVAL 15"	FOOT	192					192	
* 55101200	STORM SEWER REMOVAL 24"	FOOT	83					83	
Δ * 56100050	DUCTILE IRON WATER MAIN TEE, 12" X 6"	EACH	16					6	10
Δ * 56100055	DUCTILE IRON WATER MAIN TEE, 12" X 8"	EACH	10					4	6
Δ * 56100065	DUCTILE IRON WATER MAIN TEE, 12" X 12"	EACH	3					1	2
Δ * 56104900	WATER VALVES 6"	EACH	1					1	
Δ * 56105000	WATER VALVES 8"	EACH	11					4	7
Δ * 56105200	WATER VALVES 12"	EACH	7					2	5
Δ * 56109408	DUCTILE IRON WATER MAIN FITTINGS 8" 22.50 DEGREE BEND	EACH	1						1
Δ * 56109420	DUCTILE IRON WATER MAIN FITTINGS 8" 45.00 DEGREE BEND	EACH	4					2	2
Δ * 56109424	DUCTILE IRON WATER MAIN FITTINGS 12" 45.00 DEGREE BEND	EACH	12					2	10
Δ * 56200500	WATER SERVICE LINE 1 1/2"	FOOT	54					54	
Δ * 56200700	WATER SERVICE LINE 2"	FOOT	102					102	
Δ * 56201100	WATER SERVICE LINE 3"	FOOT	54					54	
Δ * 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	16					16	
* 60107600	PIPE UNDERDRAINS 4"	FOOT	276					276	
60200310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	15					15	
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	13					13	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1					1	
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	10					10	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2					2	
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	17					17	
60222270	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1					1	

Δ INDICATES SPECIALTY ITEM.
* SEE SPECIAL PROVISIONS.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
(SHEET 2 OF 6)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 6
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63838	

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CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	SAFETY 0021	BIKE / PED TRAILS 0028	LANDSCAPING 0031	STORM SEWER / WATER MAIN 0043	WATER MAIN / LIGHTING 100% LOCAL
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2					2	
60224456	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1					1	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2					2	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	13					13	
Δ *	60248700 VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2					1	1
Δ *	60249010 VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8					2	6
*	60255800 MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2					2	
*	60258200 MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4					4	
	60260100 INLETS TO BE ADJUSTED	EACH	1					1	
	60500040 REMOVING MANHOLES	EACH	8					8	
	60500050 REMOVING CATCH BASINS	EACH	6					6	
	60500060 REMOVING INLETS	EACH	4					4	
	60500405 FILLING VALVE VAULTS	EACH	15					15	
	60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1335	1335					
	60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	7630	7630					
	60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	9069	9069					
*	60625900 P.C.C. RAMPED MEDIAN TERMINAL	EACH	11	11					
*	61139800 STORM SEWERS (SPECIAL), 4"	FOOT	100					100	
*	61139900 STORM SEWERS (SPECIAL), 6"	FOOT	100					100	
*	61140000 STORM SEWERS (SPECIAL), 8"	FOOT	100					100	
	66600105 FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	13	13					
	66700205 PERMANENT SURVEY MARKERS, TYPE I	EACH	3	3					
	66700305 PERMANENT SURVEY MARKERS, TYPE II	EACH	3	3					
	67000400 ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	21	21					
	67100100 MOBILIZATION	L SUM	1	1					
	70106800 CHANGEABLE MESSAGE SIGN	CAL MO	30	30					
	70300100 SHORT TERM PAVEMENT MARKING	FOOT	3050		3050				
	70300510 PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	690		690				
	70300520 PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	58873		58873				
	70300540 PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	5415		5415				
	70300570 PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	574		574				
*	70301000 WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	24925		24925				
	70400100 TEMPORARY CONCRETE BARRIER	FOOT	1170		1170				
	70400200 RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1105		1105				
	70600240 IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2		2				
	70600340 IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2		2				
Δ	72000100 SIGN PANEL, TYPE 1	SQ FT	435		435				
Δ	72000200 SIGN PANEL, TYPE 2	SQ FT	22.50		22.50				
Δ	72900100 METAL POST - TYPE A	FOOT	26		26				
Δ	72900200 METAL POST - TYPE B	FOOT	642.5		642.5				
Δ	78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182		182				
Δ	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7610		7610				

Δ INDICATES SPECIALTY ITEM.
 * SEE SPECIAL PROVISIONS.



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 (SHEET 3 OF 6)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63838	

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CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY	BIKE / PED TRAILS	LANDSCAPING	STORM SEWER / WATER MAIN	WATER MAIN / LIGHTING
				0004	0021	0028	0031	0043	100% LOCAL
△	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	466		466			
△	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	88		88			
△	78004100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LETTERS AND SYMBOLS	SQ FT	255		255			
△	78004110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 4"	FOOT	11617		11617			
△	78004130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 6"	FOOT	3000		3000			
△	78004150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 12"	FOOT	1399		1399			
△	78004180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 24"	FOOT	334		334			
△	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	249		249			
△ *	78300100	PAVEMENT MARKING REMOVAL	SQ FT	7308		7308			
△ *	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2					2
△ *	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	2		2			
△ *	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1578		126			1452
△ *	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	50		50			
△ *	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	131		131			
△ *	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	896		896			
△ *	81400100	HANDHOLE	EACH	13		11			2
△ *	81400300	DOUBLE HANDHOLE	EACH	4		4			
△ *	81603050	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	11960					11960
△ *	81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO.2	FOOT	154					154
△ *	82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	48					48
△ *	82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2					2
△	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	2					2
△	83008300	LIGHT POLE, ALUMINUM 40 FT. M.H., 8 FT. MAST ARM	EACH	20					20
△	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	279					279
△	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	31					31
△	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	1	1				
△ *	85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	3		3			
△ *	85100800	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	EACH	4		4			
△ *	85100901	PAINT NEW COMBINATION MAST ARM AND POLE, 40 FOOT AND OVER	EACH	4		4			
△ *	86400100	TRANSCEIVER - FIBER OPTIC	EACH	2		2			
△ *	87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	4196		4196			
△ *	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4196		4196			
△ *	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2207		2207			
△ *	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3067		3067			
△ *	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2450		2450			
△ *	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3428		3428			
△ *	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	164		164			
△ *	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1121		1121			
△ *	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3		3			
△ *	87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1		1			
△ *	87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1		1			
△ *	87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1		1			

△ INDICATES SPECIALTY ITEM.
* SEE SPECIAL PROVISIONS.



USER NAME = Mfeller
FILE NAME = 604_sum04.dgn
PLOT SCALE =
PLOT DATE = 6/6/2013

DESIGNED - JRS
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DATE - 01/25/2013

REVISED - 11/01/2011
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
(SHEET 4 OF 6)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	8
FED. ROAD DIST. NO.			CONTRACT NO. 63838	
[ILLINOIS] FED. AID PROJECT				

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PROFILE
 SURVEYED BY DATE
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 CHECKED BY DATE
 NO. OF WAYS CHECKED
 STRUCTURE NOTATION CHD

	CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	SAFETY 0021	BIKE / PED TRAILS 0028	LANDSCAPING 0031	STORM SEWER / WATER MAIN 0043	WATER MAIN / LIGHTING 100% LOCAL
△	*	87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1		1			
△	*	87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	3		3			
△	*	87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	1		1			
△	*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12		12			
△	*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8		8			
△	*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	95		95			
△	*	87900200	DRILL EXISTING HANDHOLE	EACH	1		1			
△	*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	12		12			
△	*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	7		7			
△	*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	9		9			
△	*	88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1			
△	*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		2			
△	*	88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6		6			
△	*	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	21		21			
△	*	88700200	LIGHT DETECTOR	EACH	4		4			
△	*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	2		2			
△	*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	14		14			
△	*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		2			
△	*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		2			
△	*	89502380	REMOVE EXISTING HANDHOLE	EACH	5		5			
△	*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1		1			
△	*	A2000120	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4			4		
△	*	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4			4		
△	*	A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4			4		
△	*	A2006020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4			4		
△	*	A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4			4		
△	*	A2007820	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4			4		
△	*	A2007920	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4			4		
△	*	A2018720	TREE, ULMUS CARPINIFOLIA MORTON, (ACCOLADE ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4			4		
△	*	B2005520	TREE, PYRUS CALLERYANA ARISTOCRAT (ARISTOCRAT CALLERY PEAR), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4			4		
	*	X0322494	CURB CUT	FOOT	15	15				
△	*	X0324450	SEGMENTAL CONCRETE BLOCK WALL, SPECIAL	SQ FT	2291			2291		
△	*	X0324693	CURB STOP & BOX 2 INCH	EACH	1				1	
△	*	X0326812	CAT 5 ETHERNET CABLE	FOOT	184		184			
△	*	X0326885	VIDEO DETECTION SYSTEM	EACH	2		2			
△	*	X0327078	REMOVE FIRE HYDRANT AND VALVE ASSEMBLY	EACH	15				15	
	*	X0540000	BRICK PAVERS	SQ FT	3227	3227				
	*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	480			480		
△	*	X2800400	PERIMETER EROSION BARRIER, SPECIAL	FOOT	4536	4536				
△	*	X2800510	INLET FILTER CLEANING	EACH	294	294				
	*	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	9	9				
	*	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	9	9				

△ INDICATES SPECIALTY ITEM.
 * SEE SPECIAL PROVISIONS.



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 (SHEET 5 OF 6)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	9
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63838	

PLAN	DATE	BY
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	CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	SAFETY	BIKE / PED TRAILS	LANDSCAPING	STORM SEWER / WATER MAIN	WATER MAIN / LIGHTING
					0004	0021	0028	0031	0043	100% LOCAL
*	X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	6					
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	528	528					
*	X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	809	809					
Δ	X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CSLM	FOOT	4158					1450	2708
Δ	X5610708	WATER MAIN REMOVAL, 8"	FOOT	40						40
Δ	X5611106	DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 6"	FOOT	87					63	24
Δ	X5611108	DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 8"	FOOT	520					123	397
Δ	X5611112	DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 12"	FOOT	4819					1798	3021
Δ	X5620106	WATER SERVICE RECONNECTIONS	EACH	8					8	
Δ	X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	9					4	5
Δ	X5630012	CUT AND CAP EXISTING 12" WATER MAIN	EACH	3					1	2
Δ	X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	2					1	1
Δ	X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	9					2	7
Δ	X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	5					1	4
*	X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	2					2	
*	X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	16					16	
*	X6024502	INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE	EACH	3					3	
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	1					1	
Δ	X6026623	VALVE BOX	EACH	9					3	6
*	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1		1				
Δ	X8108240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. (SPECIAL)	FOOT	5334		5334				
Δ	X8140105	HANDHOLE (SPECIAL)	EACH	3		3				
Δ	X8300001	LIGHT POLE, SPECIAL	EACH	11						11
Δ	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2		2				
Δ	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2		2				
Δ	X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	578		578				
Δ	XX007251	INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	2		2				
Δ	XX008131	ELECTRIC CABLE IN CONDUIT, VIDEO NO. 18 3C	FOOT	1725		1725				
*	Z0004542	HOT-MIX ASPHALT REMOVAL (SPECIAL)	SQ YD	417	417					
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
*	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1000		1000				
Δ	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1		1				
*	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	568					568	
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	201					201	
*	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	20					20	
*	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	363					363	
*	Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	80					80	
*	Z0056637	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 36 INCH	FOOT	17					17	
*	Z0062456	TEMPORARY PAVEMENT	SQ YD	4534	4534					
Δ	Z0067700	STEEL CASINGS 20"	FOOT	25					25	
Δ	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2		2				
Δ	Z0076600	TRAINEES	HOUR	1500	1500					
Δ	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500	1500					

Δ INDICATES SPECIALTY ITEM.
 * SEE SPECIAL PROVISIONS.
 Δ CONSTRUCTION TYPE CODE 0042



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FILE NAME = G04_sum06.dgn	DRAWN = BAH	REVISED =
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PLOT DATE = 6/6/2013	DATE = 01/25/2013	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

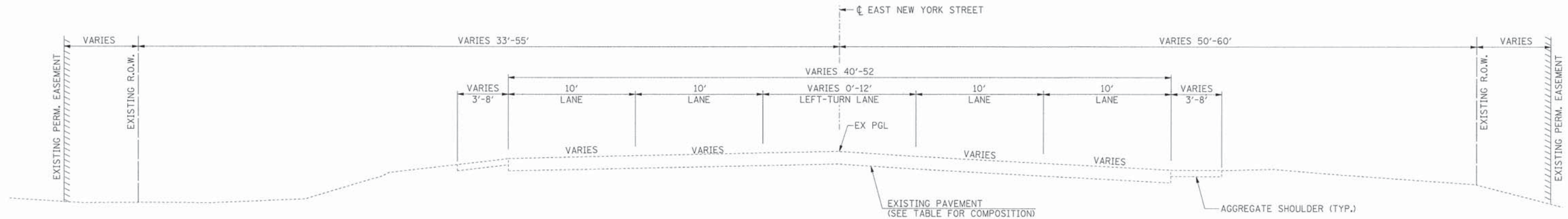
SUMMARY OF QUANTITIES
(SHEET 6 OF 6)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 10
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT CONTRACT NO. 63838		

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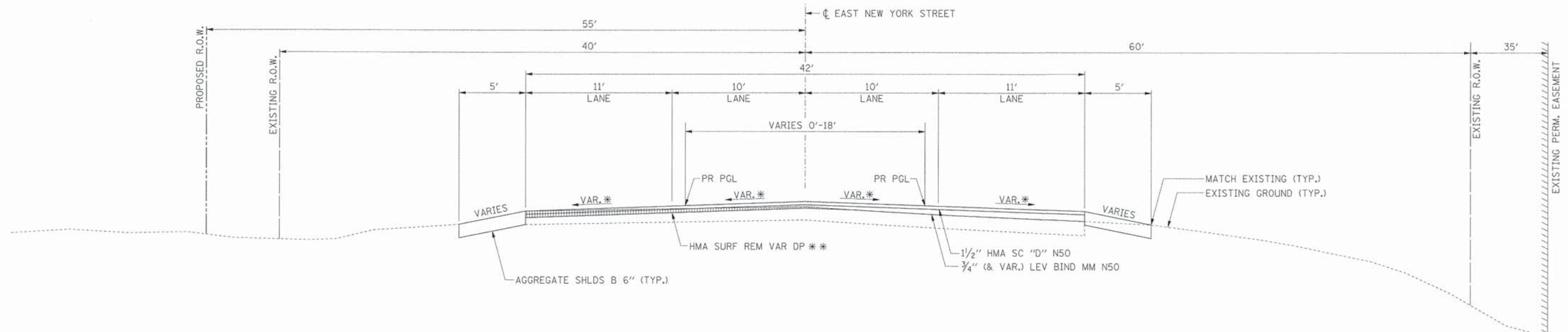
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EAST NEW YORK STREET TYPICAL SECTION (EXISTING)
 STA. 147+20.00 TO STA. 193+37.00

STATION *	HMA OVERLAY	PCC BASE
151+65 TO 160+00	6.5"-10.5"	N/A
160+00 TO 175+00	3.5"-8"	3"-5"
175+00 TO 193+37	7"	N/A

* STATIONS ARE APPROXIMATE, SEE SOILS REPORT FOR ADDITIONAL INFORMATION.



EAST NEW YORK STREET TYPICAL SECTION (PROPOSED)
 STA. 147+20.00 TO STA. 147+85.00

* SEE HMA TRANSITION AT WESTERN TERMINUS DETAIL.

** NO MILLING REQUIRED WHEN THE DIFFERENCE BETWEEN THE PROPOSED AND EXISTING PAVEMENT ALLOWS FOR THE MINIMUM 3/4" DEPTH OF LEVELING BINDER TO BE PLACED.



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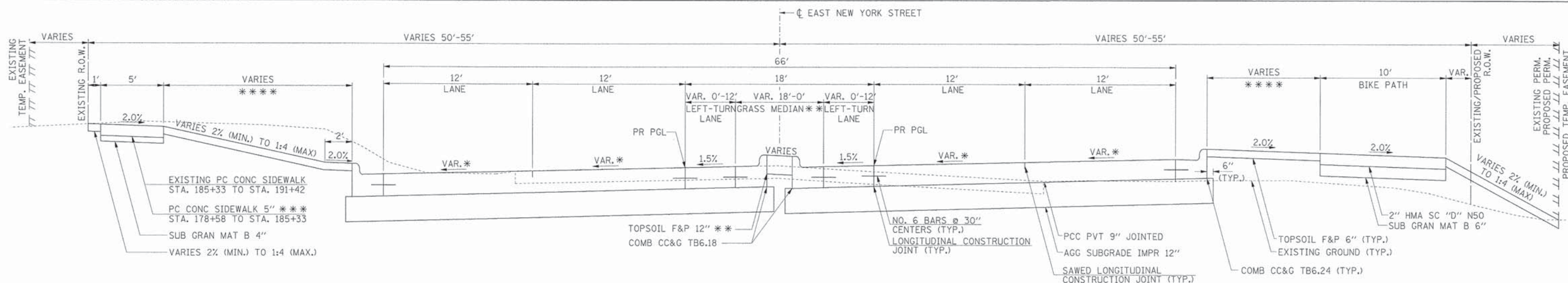
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 EAST NEW YORK STREET
 (SHEET 1 OF 3)

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					1522	07-00210-01-PV	DUPAGE/KANE	167	11
					CONTRACT NO. 63838				
					ILLINOIS FED. AID PROJECT				

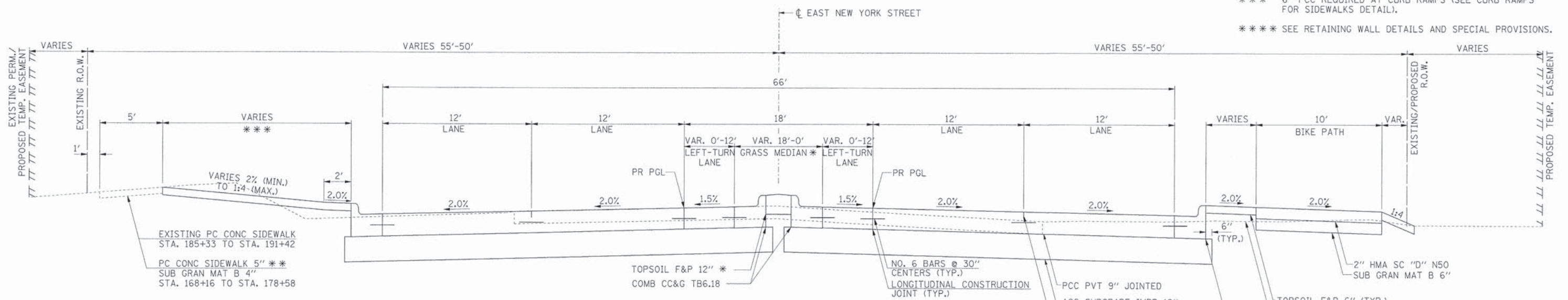
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EAST NEW YORK STREET TYPICAL SECTION (PROPOSED)
STA. 178+58.00 TO STA. 191+42.00

- * SEE SUPERELEVATION TRANSITION DETAILS.
- ** BRICK PAVERS:
STA. 182+13.60 TO 184+30.00
STA. 185+27.00 TO 187+43.50
AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE PROVIDED FOR ALL BRICK PAVER MEDIANS.
- *** 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).
- **** SEE RETAINING WALL DETAILS AND SPECIAL PROVISIONS.

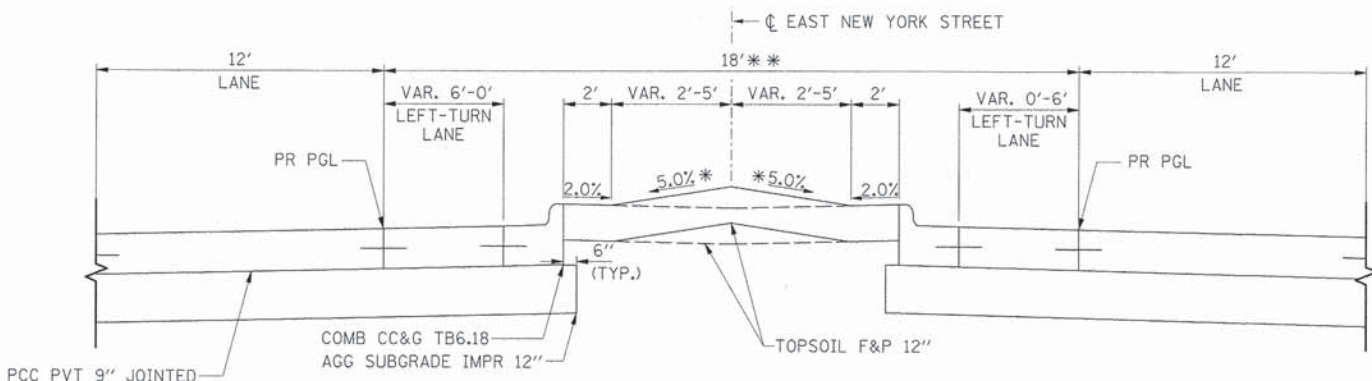


EAST NEW YORK STREET TYPICAL SECTION (PROPOSED)
STA. 168+16.00 TO STA. 178+58.00
STA. 191+42.00 TO STA. 193+37.00

- * BRICK PAVERS:
STA. 170+30.65 TO STA. 172+46.00
STA. 173+46.00 TO STA. 175+61.40
AGGREGATE SUBGRADE IMPROVEMENT 12" SHALL BE PROVIDED FOR ALL BRICK PAVER MEDIANS.
- ** 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).
- *** SEE RETAINING WALL DETAILS AND SPECIAL PROVISIONS.

NOTES:

- ADDITIONAL UNDERCUTS SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENTS.
STA. 156+50 TO STA. 159+50 (12")
STA. 172+75 TO STA. 173+80 (12")
STA. 180+50 TO STA. 186+50 (6")
- ALL UNDERCUT AREAS SHALL BE JUSTIFIED AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR. A CONE PENETROMETER SHALL BE USED TO TEST THE SUBGRADE AND THE IDOT SUBGRADE STABILITY MANUAL SHALL BE FOLLOWED. ANY AGGREGATE SUBGRADE IMPROVEMENT NOT NEEDED AT THE TIME OF CONSTRUCTION WILL BE DELETED FROM THE CONTRACT. NO ADJUSTMENTS IN UNIT PRICE WILL BE ALLOWED FOR AN INCREASE OR DECREASE IN QUANTITIES FROM THE ESTIMATED QUANTITIES SHOWN ON THE PLANS.



GRASS MEDIAN TYPICAL SECTION (PROPOSED)
STA. 154+03.50 TO STA. 158+06.50
STA. 163+78.30 TO STA. 170+30.65
STA. 175+61.40 TO STA. 182+13.60
STA. 187+43.50 TO STA. 193+37.00

- * AT LOCATIONS WHERE A DRAINAGE STRUCTURE IS PROPOSED WITHIN THE GRASS MEDIAN, THE 5% CROWN SHALL BE OMITTED AND THE 2% (MIN.) SLOPES CARRIED THROUGH TO THE CENTER OF THE STRUCTURE. SEE DRAINAGE PLAN AND PROFILES FOR LOCATIONS OF DRAINAGE STRUCTURES.
- ** GRASS MEDIAN SHALL INCLUDE STREET TREES AT A RATE OF ONE (1) TREE PER EVERY SEVENTY-FIVE FEET (75'). SPECIES SHALL BE AS DIRECTED BY THE ENGINEER (SEE SUMMARY OF QUANTITIES FOR AVAILABLE SPECIES).



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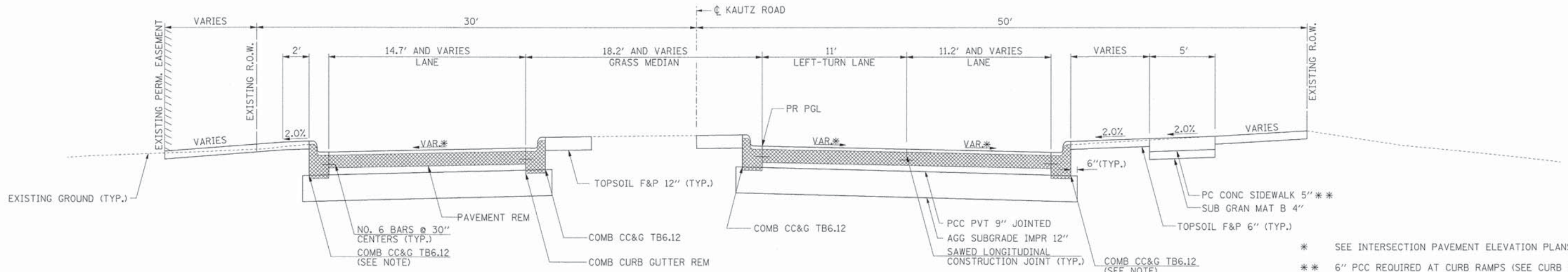
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
EAST NEW YORK STREET
(SHEET 3 OF 3)

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						1522	07-00210-01-PV	DUPAGE/KANE	167	13
										CONTRACT NO. 63838
										ILLINOIS FED. AID PROJECT

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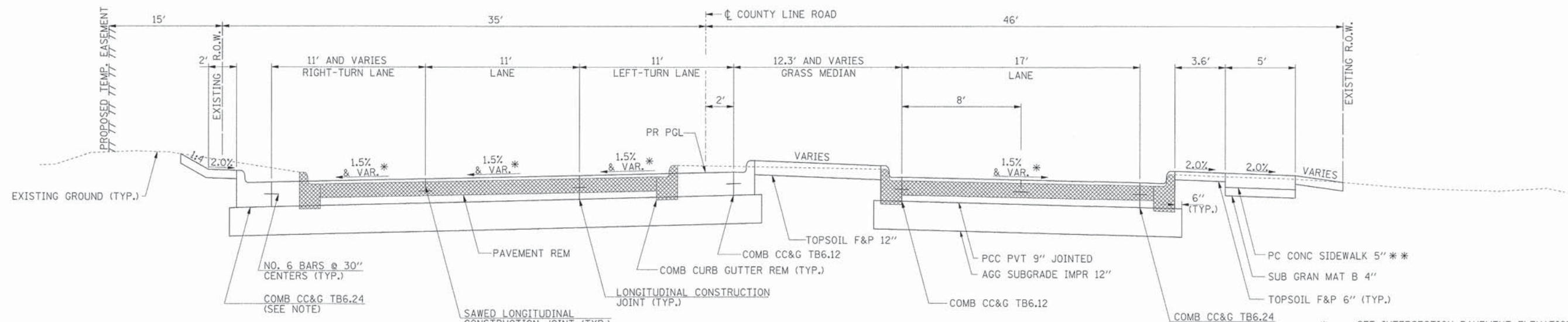
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NOTE:
THE B-6.12 CURB AND GUTTER ALONG THE OUTSIDE EDGE TRANSITIONS TO B-6.24 AT THE BEGINNING OF THE RADIUS RETURN.

KAUTZ ROAD TYPICAL SECTION (PROPOSED)
STA. 605+60.23 TO STA. 606+16.89

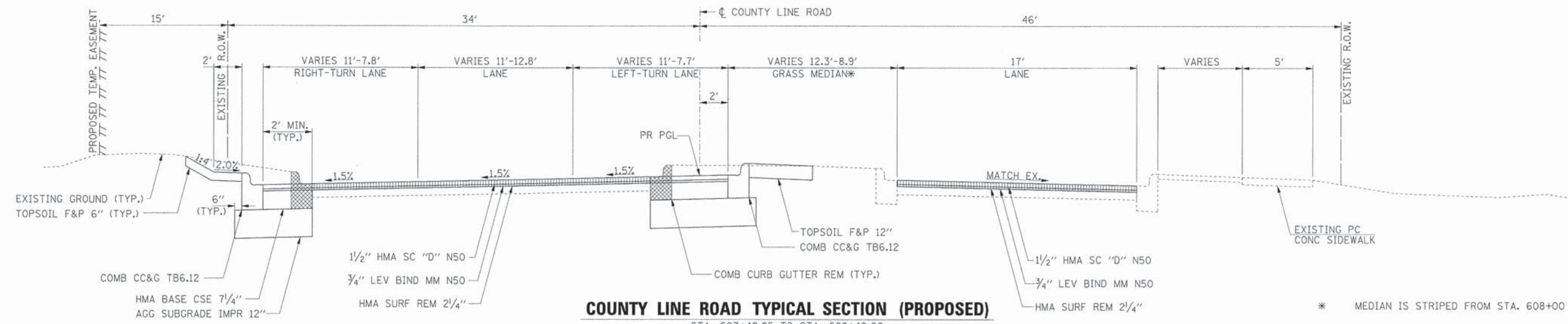
* SEE INTERSECTION PAVEMENT ELEVATION PLANS.
** 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).



NOTE:
THE B-6.24 CURB AND GUTTER ALONG THE OUTSIDE EDGE TRANSITIONS TO B-6.12, SEE INTERSECTION PAVEMENT ELEVATION PLAN FOR LOCATIONS.

COUNTY LINE ROAD TYPICAL SECTION (PROPOSED)
STA. 606+83.12 TO STA. 607+40.25

* SEE INTERSECTION PAVEMENT ELEVATION PLANS.
** 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).



* MEDIAN IS STRIPED FROM STA. 608+00 TO 608+40.



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FILE NAME = 604_typ84_kautz.dgn	DRAWN - BAH	REVISED -
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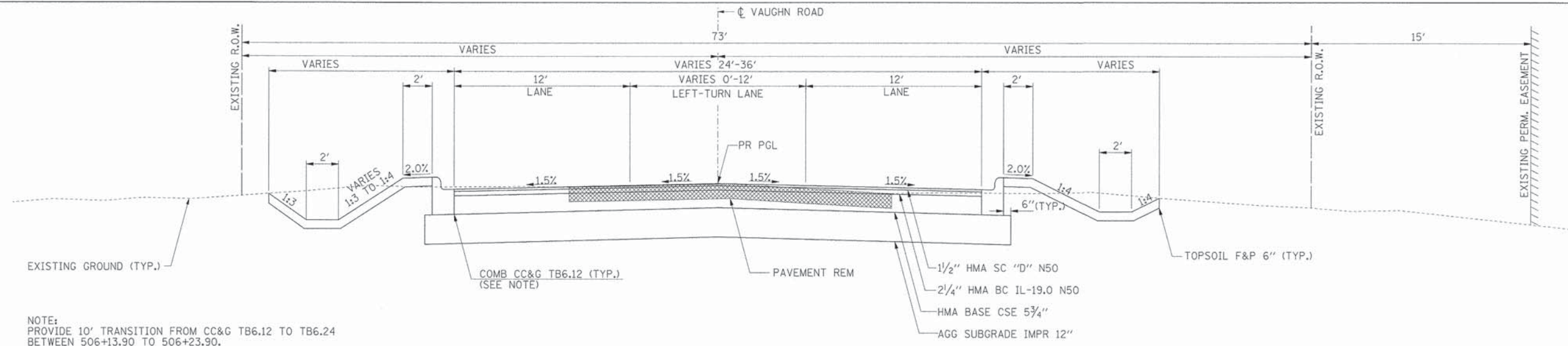
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS KAUTZ ROAD /COUNTY LINE ROAD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

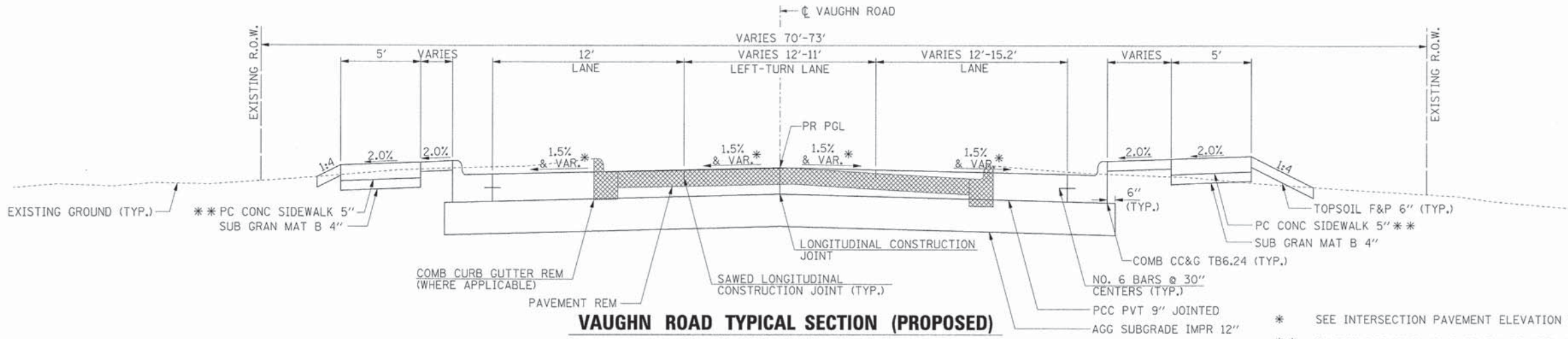
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	14
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63838		

DATE	
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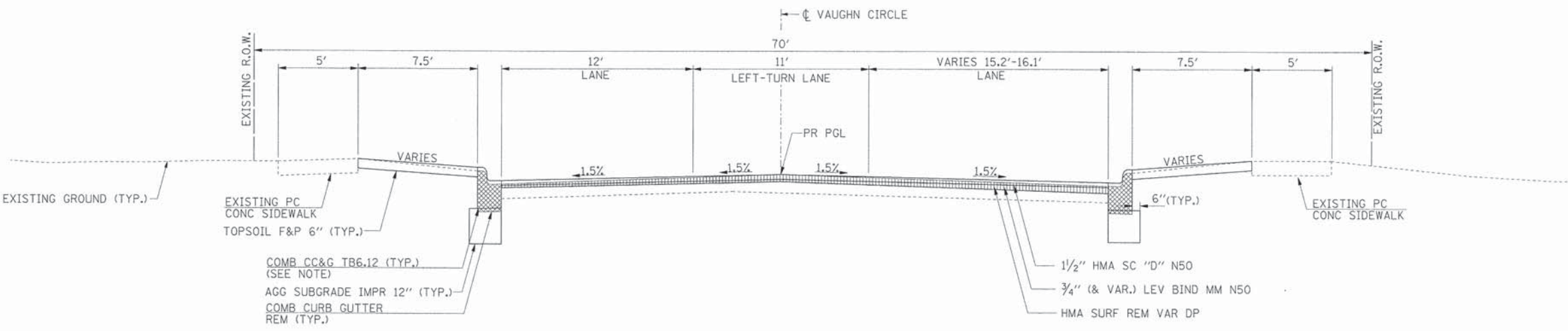
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VAUGHN ROAD TYPICAL SECTION (PROPOSED)
STA. 503+96.96 TO STA. 506+23.90



VAUGHN ROAD TYPICAL SECTION (PROPOSED)
STA. 506+23.90 TO STA. 506+59.35
STA. 507+25.39 TO STA. 507+61.94



VAUGHN CIRCLE TYPICAL SECTION (PROPOSED)
STA. 507+61.94 TO STA. 508+15.00

NOTE:
PROVIDE 10' TRANSITION FROM CC&G TB6.24 TO TB6.12
BETWEEN 507+61.94 TO 507+71.94.



USER NAME	= gchris	DESIGNED	- JRS	REVISED	- 11/01/2011
FILE NAME	= 604_ttyp05_vaughn.dgn	DRAWN	- BAH	REVISED	-
PLOT SCALE	=	CHECKED	- APS	REVISED	-
PLOT DATE	= 6/4/2013	DATE	- 01/25/2013	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

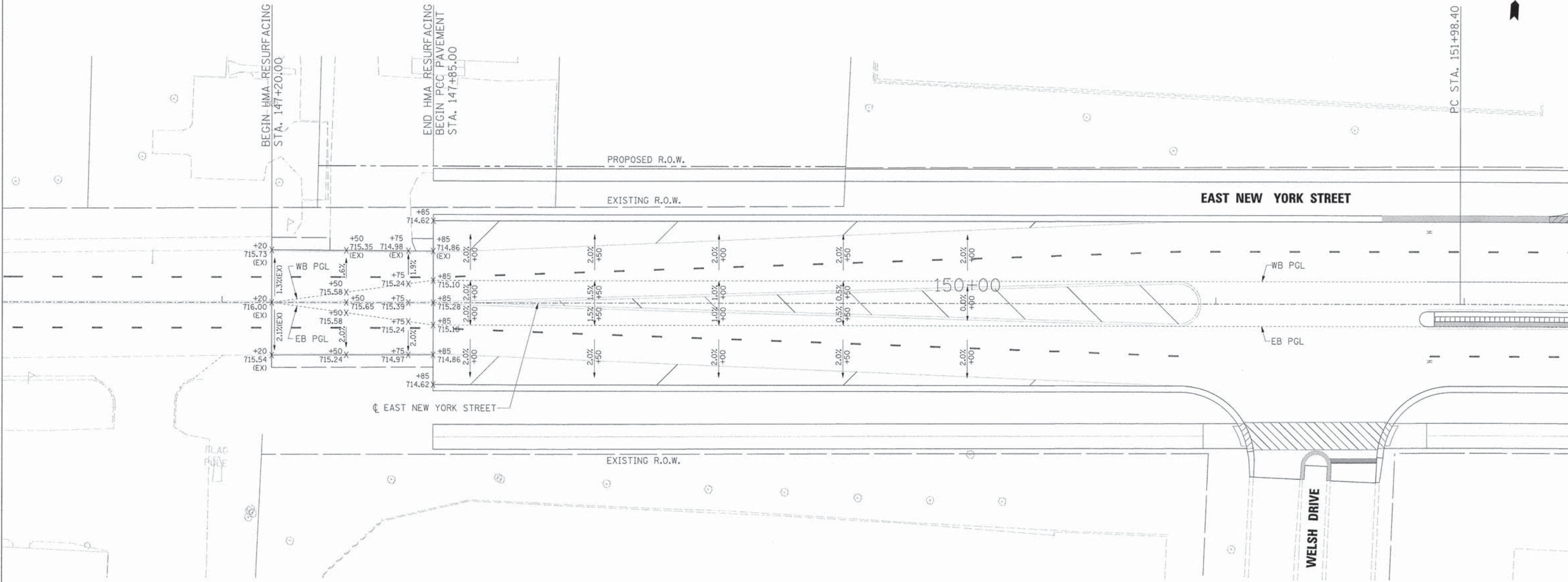
TYPICAL SECTIONS VAUGHN ROAD / VAUGHN CIRCLE			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	15
CONTRACT NO. 63838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PLAN	REVISIONS	DATE
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NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
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PROFILE	REVISIONS	DATE
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NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	



USER NAME = gchris	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_hma transition.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

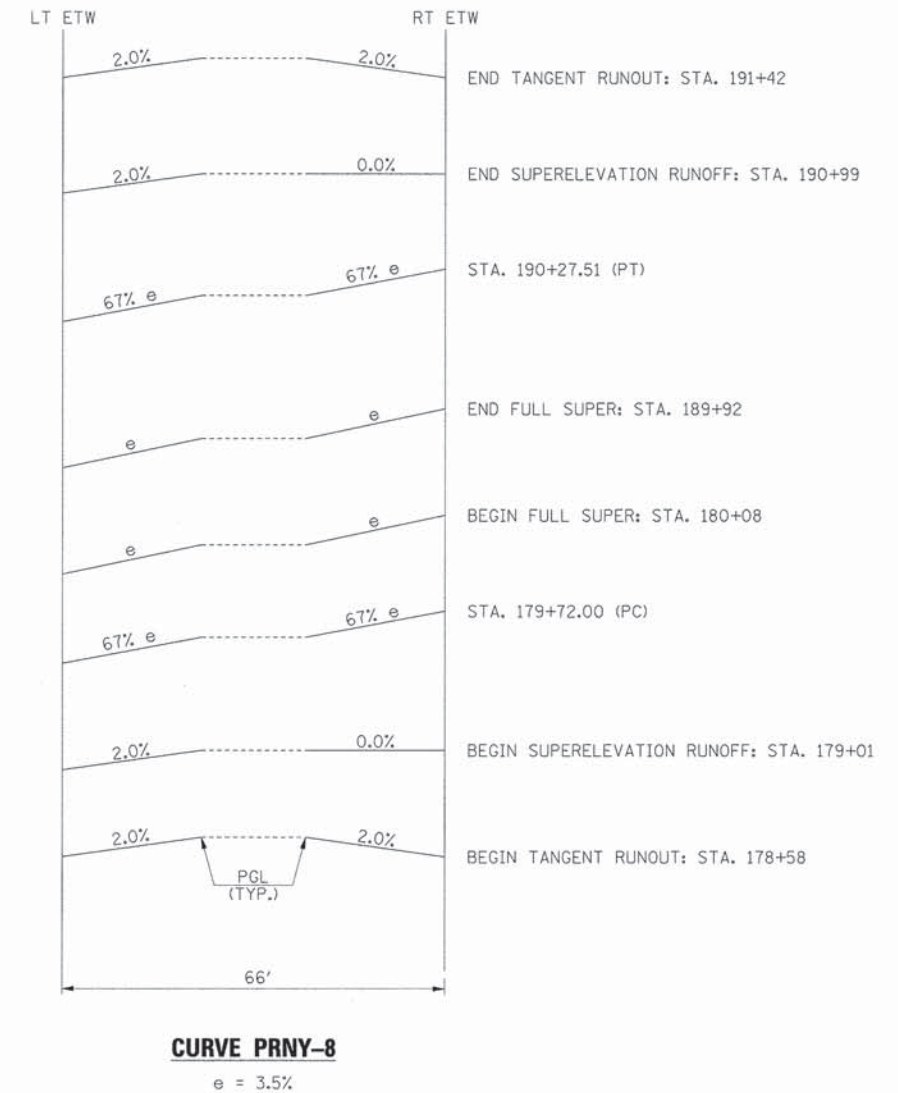
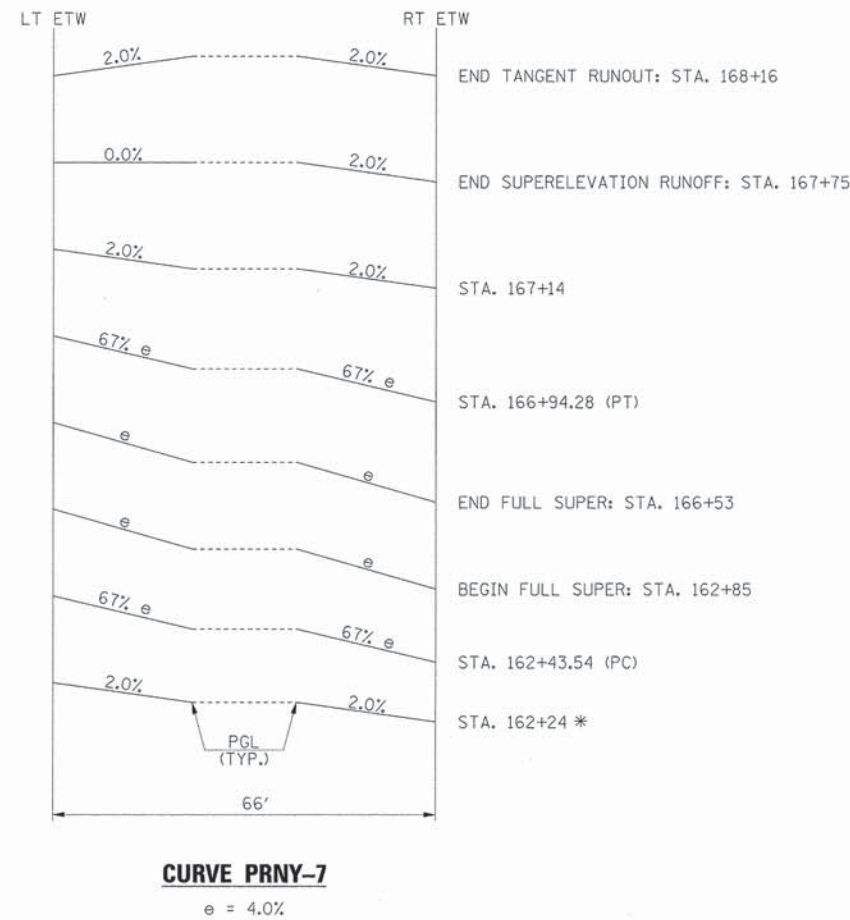
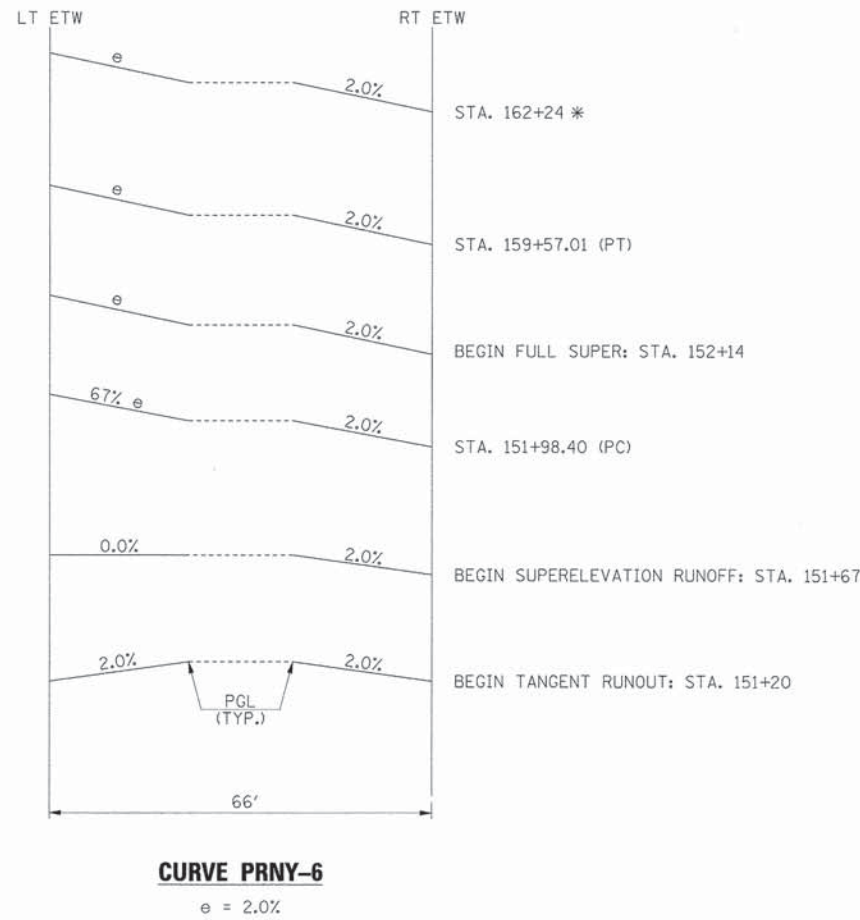
HMA TRANSITION AT WESTERN TERMINUS DETAIL

F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 16
CONTRACT NO. 63838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS EMPD	



*THE SUPERELEVATION RATE OF 2.0% SHALL BE EXTENDED FROM THE DEPARTURE OF CURVE PRNY-6, THROUGH THE KAUTZ ROAD INTERSECTION TO STA. 162+24. THE SUPERELEVATION TRANSITION FOR CURVE PRNY-7 SHALL BEGIN AT STA. 162+24.



USER NAME =	gchris	DESIGNED -	JRS	REVISED -	11/01/2011
FILE NAME =	604_super.dgn	DRAWN -	BAH	REVISED -	
PLOT SCALE =		CHECKED -	APS	REVISED -	
PLOT DATE =	6/4/2013	DATE -	01/25/2013	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION TRANSITION DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	17
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63838	

PLAN	SURVEYED	DATE
PLOTTED	BY	
INSTRUMENT		
NO. OF DAYS CHECKED		
CADD FILE NAME		
NOTE BOOK		
NO.		

PROFILE	SURVEYED	DATE
PLOTTED	BY	
INSTRUMENT		
NO. OF DAYS CHECKED		
STRUCTURE NOTATIONS CHWD		
NOTE BOOK		
NO.		

POTASSIUM FERTILIZER NUTRIENT

POUND	LOCATION
EAST NEW YORK STREET	
12	STA. 147+20 TO STA. 153+25 LT
12	STA. 147+20 TO STA. 153+25 RT
26	STA. 153+25 TO STA. 162+00 LT
7	STA. 153+25 TO STA. 162+00 MED
33	STA. 153+25 TO STA. 162+00 RT
76	STA. 162+00 TO STA. 184+00 LT
21	STA. 162+00 TO STA. 184+00 MED
64	STA. 162+00 TO STA. 184+00 RT
18	STA. 184+00 TO STA. 193+67.3 LT
11	STA. 184+00 TO STA. 193+67.3 MED
25	STA. 184+00 TO STA. 193+67.3 RT
SUB-TOTAL	
306	
KAUTZ / COUNTY LINE ROAD	
5	STA. 607+40.25 TO STA. 608+4 LT
2	STA. 607+40.25 TO STA. 608+4 MED
7	STA. 607+40.25 TO STA. 608+4 RT
SUB-TOTAL	
14	
VAUGHN ROAD / VAUGHN CIRCLE	
6	STA. 503+96.96 TO STA. 506+2 LT
9	STA. 503+96.96 TO STA. 506+2 RT
1	STA. 507+61.94 TO STA. 508+1 LT
2	STA. 507+61.94 TO STA. 508+1 RT
18	STA. 507+61.94 TO STA. 508+1 MED
SUB-TOTAL	
330	TOTAL

EROSION CONTROL BLANKET

SQ YD	LOCATION
EAST NEW YORK STREET	
57	STA. 147+20 TO STA. 153+25 LT
104	STA. 147+20 TO STA. 153+25 RT
746	STA. 153+25 TO STA. 162+00 LT
1249	STA. 153+25 TO STA. 162+00 RT
2567	STA. 162+00 TO STA. 184+00 LT
2157	STA. 162+00 TO STA. 184+00 RT
9	STA. 184+00 TO STA. 193+67.3 LT
1016	STA. 184+00 TO STA. 193+67.3 RT
SUB-TOTAL	
7905	
KAUTZ / COUNTY LINE ROAD	
231	STA. 607+40.25 TO STA. 608+4 LT
231	STA. 607+40.25 TO STA. 608+4 RT
SUB-TOTAL	
462	
VAUGHN ROAD / VAUGHN CIRCLE	
282	STA. 503+96.96 TO STA. 506+2 LT
399	STA. 503+96.96 TO STA. 506+2 RT
681	STA. 507+61.94 TO STA. 508+1 LT
681	STA. 507+61.94 TO STA. 508+1 RT
SUB-TOTAL	
8817	TOTAL

SODDING, SALT TOLERANT

SQ YD	LOCATION
EAST NEW YORK STREET	
749	STA. 147+20 TO STA. 153+25 LT
895	STA. 147+20 TO STA. 153+25 RT
896	STA. 153+25 TO STA. 162+00 LT
511	STA. 153+25 TO STA. 162+00 MED
712	STA. 153+25 TO STA. 162+00 RT
2203	STA. 162+00 TO STA. 184+00 LT
1694	STA. 162+00 TO STA. 184+00 RT
1686	STA. 184+00 TO STA. 193+67.3 LT
1350	STA. 184+00 TO STA. 193+67.3 RT
820	STA. 184+00 TO STA. 193+67.3 MED
485	STA. 184+00 TO STA. 193+67.3 RT
SUB-TOTAL	
12001	
KAUTZ / COUNTY LINE ROAD	
66	STA. 607+40.25 TO STA. 608+4 MED
66	STA. 607+40.25 TO STA. 608+4 RT
SUB-TOTAL	
132	
VAUGHN ROAD / VAUGHN CIRCLE	
40	STA. 507+61.94 TO STA. 508+1 LT
54	STA. 507+61.94 TO STA. 508+1 RT
94	STA. 507+61.94 TO STA. 508+1 MED
SUB-TOTAL	
12181	TOTAL

SUPPLEMENTAL WATERING

UNIT	LOCATION
EAST NEW YORK STREET	
22	STA. 147+20 TO STA. 153+25
32	STA. 153+25 TO STA. 162+00
87	STA. 162+00 TO STA. 184+00
40	STA. 184+00 TO STA. 193+67.35
SUB-TOTAL	
181	
KAUTZ / COUNTY LINE ROAD	
1	STA. 607+40.25 TO STA. 608+4
1	STA. 607+40.25 TO STA. 608+4
SUB-TOTAL	
2	
VAUGHN ROAD / VAUGHN CIRCLE	
2	STA. 507+61.94 TO STA. 508+15
2	STA. 507+61.94 TO STA. 508+15
SUB-TOTAL	
4	
TOTAL	
184	

TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION
EAST NEW YORK STREET	
90	STA. 147+20 TO STA. 153+25 LT
90	STA. 147+20 TO STA. 153+25 RT
175	STA. 153+25 TO STA. 162+00 LT
55	STA. 153+25 TO STA. 162+00 MED
205	STA. 153+25 TO STA. 162+00 RT
495	STA. 162+00 TO STA. 184+00 LT
175	STA. 162+00 TO STA. 184+00 MED
430	STA. 162+00 TO STA. 184+00 RT
145	STA. 184+00 TO STA. 193+67.3 LT
85	STA. 184+00 TO STA. 193+67.3 MED
155	STA. 184+00 TO STA. 193+67.3 RT
SUB-TOTAL	
2100	
KAUTZ / COUNTY LINE ROAD	
25	STA. 607+40.25 TO STA. 608+4 LT
10	STA. 607+40.25 TO STA. 608+4 MED
35	STA. 607+40.25 TO STA. 608+4 RT
SUB-TOTAL	
70	
VAUGHN ROAD / VAUGHN CIRCLE	
30	STA. 503+96.96 TO STA. 506+2 LT
45	STA. 503+96.96 TO STA. 506+2 RT
5	STA. 507+61.94 TO STA. 508+1 LT
10	STA. 507+61.94 TO STA. 508+1 RT
90	STA. 507+61.94 TO STA. 508+1 MED
SUB-TOTAL	
2225	TOTAL

INLET AND PIPE PROTECTION

EACH	LOCATION
EAST NEW YORK STREET	
1	STA. 152+35, 45' LT
1	STA. 153+60, 43.5' LT
1	STA. 155+50, 42.5' LT
1	STA. 157+00, 0' RT
1	STA. 159+25, 41.5' LT
1	STA. 162+00, 53' LT
1	STA. 163+25, 42.5' LT
1	STA. 164+50, 42.5' LT
1	STA. 165+00, 0' RT
1	STA. 169+50, 2.5' LT
1	STA. 176+50, 2.5' RT
1	STA. 179+70, 0' RT
1	STA. 182+65, 41' LT
1	STA. 184+25, 42' LT
1	STA. 184+35, 61.5' RT
1	STA. 185+43.9, 49.5' LT
1	STA. 186+11.3, 52' LT
1	STA. 186+18, 42.5' RT
1	STA. 186+88.4, 62.6' LT
1	STA. 187+60.7, 52.9' LT
1	STA. 188+33, 55.5' RT
1	STA. 189+50, 2' RT
1	STA. 193+41.5, 0' RT
SUB-TOTAL	
23	
KAUTZ / COUNTY LINE ROAD	
SUB-TOTAL	
0	
VAUGHN ROAD / VAUGHN CIRCLE	
SUB-TOTAL	
0	
TOTAL	
23	

INLET FILTERS

EACH	LOCATION
EAST NEW YORK STREET	
1	STA. 148+00, 33' LT
1	STA. 148+00, 33' RT
1	STA. 149+40, 33' LT
1	STA. 149+40, 33' RT
1	STA. 150+80, 33' LT
1	STA. 150+80, 33' RT
1	STA. 151+65, 33' LT
1	STA. 152+35, 45' LT
1	STA. 152+50, 33' RT
1	STA. 153+60, 43.5' LT
1	STA. 153+70, 3' RT
1	STA. 153+70, 33' RT
1	STA. 155+50, 42.5' LT
1	STA. 155+80, 33' RT
1	STA. 155+80, 9' LT
1	STA. 157+00, 0' RT
1	STA. 157+17, 33' RT
1	STA. 157+17, 9' LT
1	STA. 157+50, 33' RT
1	STA. 157+50, 9' LT
1	STA. 158+00, 33' RT
1	STA. 158+00, 9' LT
1	STA. 159+25, 33' RT
1	STA. 159+25, 9' LT
1	STA. 159+25, 41.5' LT
1	STA. 160+18, 33' RT
1	STA. 160+25, 37.5' LT
1	STA. 162+00, 3' RT
1	STA. 162+00, 33' RT
1	STA. 162+00, 53' LT
1	STA. 163+25, 33' RT
1	STA. 163+25, 42.5' LT
1	STA. 163+25, 9' RT
1	STA. 164+50, 42.50' LT
1	STA. 164+50, 5.3' LT
1	STA. 164+58, 33.0' RT
1	STA. 165+00, 0' RT
1	STA. 169+50, 2.50' LT
1	STA. 169+50, 33' LT
1	STA. 169+50, 33' RT
1	STA. 171+55, 33' LT
1	STA. 171+55, 33' RT
1	STA. 172+24, 33' RT
1	STA. 172+54, 33' LT
1	STA. 172+62, 33' LT
1	STA. 172+75.2, 75.6' RT
1	STA. 173+47, 33' LT
1	STA. 173+31.8, 78.1' RT

INLET FILTERS

EACH	LOCATION
EAST NEW YORK STREET	
1	STA. 174+45, 33' LT
1	STA. 174+45, 33' RT
1	STA. 175+60, 33' RT
1	STA. 175+70, 37.44' LT
1	STA. 178+41, 42.62' LT
1	STA. 178+50, 2.50' RT
1	STA. 178+50, 33' RT
1	STA. 177+32, 33' RT
1	STA. 177+32, 54.40' RT
1	STA. 177+55, 33' LT
1	STA. 177+55, 33' RT
1	STA. 179+03, 9' RT
1	STA. 179+70, 0' RT
1	STA. 179+70, 33' LT
1	STA. 179+70, 33' RT
1	STA. 179+70, 9' RT
1	STA. 181+60, 33' RT
1	STA. 181+60, 2.20' RT
1	STA. 181+60, 33' LT
1	STA. 182+65, 33' RT
1	STA. 182+65, 41' LT
1	STA. 182+65, 41' LT
1	STA. 182+65, 5' LT
1	STA. 184+25, 51.50' RT
1	STA. 185+30, 33' RT
1	STA. 186+18, 33' LT
1	STA. 186+18, 33' RT
1	STA. 186+18, 42.5' RT
1	STA. 186+18, 9' RT
1	STA. 187+80, 33' LT
1	STA. 188+24, 9' RT
1	STA. 188+24, 33' LT
1	STA. 188+33, 55.5' RT
1	STA. 188+33, 9' RT
1	STA. 188+50, 2' RT
1	STA. 190+12, 33' LT
1	STA. 192+00, 33' LT
1	STA. 192+00, 33' RT
1	STA. 193+42, 0' RT
1	STA. 193+43, 33' LT
1	STA. 193+43, 47.5' LT
SUB-TOTAL	
89	
KAUTZ / COUNTY LINE ROAD	
1	STA. 607+01.5, 37.6' RT
SUB-TOTAL	
1	
VAUGHN ROAD / VAUGHN CIRCLE	
1	STA. 504+12, 13.3' LT
1	STA. 504+80, 17.1' RT
1	STA. 505+38, 20.2' LT
1	STA. 505+38, 21.0' RT
1	STA. 507+37, 48' LT
1	STA. 507+54, 18.5' LT
1	STA. 507+54, 20.9' RT
1	STA. 507+58, 44' LT
SUB-TOTAL	
8	
TOTAL	
98	

STONE RIPRAP, CLASS A3

SQ YD	LOCATION
VAUGHN ROAD	
9	STA. 504+12, 24' LT
SUB-TOTAL	
9	
TOTAL	
9	

STONE RIPRAP, CLASS A5

SQ YD	LOCATION
EAST NEW YORK STREET	
27	STA. 157+50 LT
11	STA. 157+50 RT
SUB-TOTAL	
38	
TOTAL	
38	

FILTER FABRIC

SQ YD	LOCATION
EAST NEW YORK STREET	
27	STA. 157+50 LT
11	STA. 157+50 RT
SUB-TOTAL	
38	
TOTAL	
38	
VAUGHN ROAD	
9	STA. 504+12, 24' LT
SUB-TOTAL	
9	
TOTAL	
47	

REMOVAL OF EXISTING STRUCTURES

EACH	LOCATION
EAST NEW YORK STREET	
1	STA. 157+48 TO STA. 157+46 LT / RT
SUB-TOTAL	
1	
TOTAL	
1	

CONCRETE HEADWALL REMOVAL

EACH	LOCATION
EAST NEW YORK STREET	
1	STA. 157+46 20' RT
1	STA. 157+48 28' LT
SUB-TOTAL	
2	
TOTAL	
2	

PIPE CULVERT REMOVAL

FOOT	LOCATION
EAST NEW YORK STREET	
49	STA. 158+49.36 TO 158+97.46 LT
SUB-TOTAL	
49	
TOTAL	
49	

PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"

FOOT	LOCATION
EAST NEW YORK STREET	
47	TAG # 117
39	TAG # 118
SUB-TOTAL	
86	
TOTAL	
86	

PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"

EACH	LOCATION
VAUGHN ROAD / VAUGHN CIRCLE	
1	504+12, 24' LT TAG# 8-02-FES
SUB-TOTAL	
1	
TOTAL	
1	

PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL EQUIVALENT ROUND-SIZE 36"

EACH	LOCATION
EAST NEW YORK STREET	
1	157+50, 66.50' LT TAG# 1-19-FES
1	157+50, 65.80' RT TAG# 1-22-FES
SUB-TOTAL	
2	
TOTAL	
2	

STORM SEWERS, CLASS A, TYPE 1 12"

FOOT	LOCATION
EAST NEW YORK STREET	
66	TAG # 102
66	TAG # 104
82	TAG # 105
79	TAG # 107
47	TAG # 108
44	TAG # 111
17	TAG # 115
29	TAG # 116
38	TAG # 200
47	TAG # 201
33	TAG # 202
119	TAG # 203
44	TAG # 204
26	TAG # 205
55	TAG # 207
25	TAG # 208
70	TAG # 210
38	TAG # 212
38	TAG # 214
31	TAG # 216
30	TAG # 300
35	

PLAN	DATE	BY
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STORM SEWERS, CLASS A, TYPE 1 1/2"

FOOT	LOCATION
136	EAST NEW YORK STREET TAG # 103
26	TAG # 109
37	TAG # 112
119	TAG # 205
171	TAG # 411
58	TAG # 413
32	TAG # 503
85	TAG # 504
24	TAG # 506
39	TAG # 513
727	SUB-TOTAL
727	TOTAL

STORM SEWERS, CLASS A, TYPE 1 1/8"

FOOT	LOCATION
165	EAST NEW YORK STREET TAG # 108
38	TAG # 507
203	SUB-TOTAL
203	TOTAL

STORM SEWERS, CLASS A, TYPE 1 21"

FOOT	LOCATION
155	EAST NEW YORK STREET TAG # 508
39	TAG # 509
194	SUB-TOTAL
194	TOTAL

STORM SEWERS, CLASS A, TYPE 1 24"

FOOT	LOCATION
115	EAST NEW YORK STREET TAG # 110
128	TAG # 517
10	TAG # 518
5	TAG # 519
258	SUB-TOTAL
258	TOTAL

STORM SEWERS, CLASS A, TYPE 1 27"

FOOT	LOCATION
178	EAST NEW YORK STREET TAG # 205
87	TAG # 211
119	TAG # 213
44	TAG # 215
428	SUB-TOTAL
428	TOTAL

STORM SEWERS, CLASS A, TYPE 1 30"

FOOT	LOCATION
65	EAST NEW YORK STREET TAG # 304
216	TAG # 307
115	TAG # 310
77	TAG # 315
44	TAG # 316
517	SUB-TOTAL
517	TOTAL

STORM SEWERS, CLASS A, TYPE 1 36"

FOOT	LOCATION
203	EAST NEW YORK STREET TAG # 113
130	TAG # 114
37	TAG # 119
370	SUB-TOTAL
370	TOTAL

STORM SEWER REMOVAL 12"

FOOT	LOCATION
165	EAST NEW YORK STREET STA. 153+67 TO STA. 155+31 LT
178	STA. 173+47 TO STA. 175+25 LT
168	STA. 175+25 TO STA. 176+92 LT
58	STA. 180+38 TO STA. 180+96 RT
114	STA. 180+95 TO STA. 182+06 RT
31	STA. 182+06 TO STA. 182+37 RT
62	STA. 186+96 TO STA. 187+56 RT
97	STA. 187+56 TO STA. 188+51 RT
67	STA. 188+51 TO STA. 189+17 RT
940	SUB-TOTAL
940	TOTAL

STORM SEWER REMOVAL 15"

FOOT	LOCATION
25	EAST NEW YORK STREET STA. 155+31 TO STA. 155+55 LT
15	STA. 155+55 TO STA. 155+69 LT
67	STA. 161+25 TO STA. 161+89 LT
70	STA. 172+78 TO STA. 173+47 LT
15	STA. 173+47 TO STA. 173+47 LT
192	SUB-TOTAL
192	TOTAL

STORM SEWER REMOVAL 24"

FOOT	LOCATION
69	EAST NEW YORK STREET STA. 173+45 TO STA. 173+47 LT / RT
14	STA. 173+45 TO STA. 173+51 RT
83	SUB-TOTAL
83	TOTAL

DUCTILE IRON WATER MAIN TEE, 12" X 6"

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 149+70, 47.5 RT	TAG# 110
1	STA. 152+65, 47.5 RT	TAG# 114
1	STA. 155+75, 50.4 RT	TAG# 118
1	STA. 158+55, 50.5 RT	TAG# 121
1	STA. 161+87.5, 47.5 RT	TAG# 138
1	STA. 164+65.2, 47.7 RT	TAG# 150
1	STA. 167+42.3, 46.2 RT	TAG# 154
1	STA. 170+37, 46.7 RT	TAG# 160
1	STA. 173+45, 47.3 RT	TAG# 167
1	STA. 176+36, 47.8 RT	TAG# 177
1	STA. 179+40, 48.4 RT	TAG# 180
1	STA. 182+38, 46.9 RT	TAG# 193
1	STA. 185+28.7, 63.0 RT	TAG# 210
1	STA. 189+97.4, 60.5 RT	TAG# 255
1	STA. 191+05, 46.5 RT	TAG# 232
1	STA. 191+25, 48.5 RT	TAG# 240
16	SUB-TOTAL	
16	TOTAL	

DUCTILE IRON WATER MAIN TEE, 12" X 8"

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 155+39.1, 50.1 RT	TAG# 96
1	STA. 160+95, 47.5 RT	TAG #127
1	STA. 172+80.0, 47.2 RT	TAG# 94
1	STA. 175+79, 47.7 RT	TAG# 171
1	STA. 179+82.5, 46.5 RT	TAG# 184
1	STA. 184+45.5, 43.7 RT	TAG# 200
1	STA. 187+58.5, 58.7 RT	TAG# 250
1	STA. 188+58.5, 59.2 RT	TAG# 218
1	STA. 188+65, 59.3 RT	TAG# 221
1	STA. 189+23.75, 59.75 RT	TAG# 225
10	SUB-TOTAL	
10	TOTAL	

DUCTILE IRON WATER MAIN TEE, 12" X 12"

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 148+43.0, 45.5 RT	TAG# 107
1	STA. 169+97.8, 46.6 RT	TAG# 158
1	STA. 185+33.2, 62.7 RT	TAG# 212
3	SUB-TOTAL	
3	TOTAL	

WATER VALVES 6"

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 191+01, 43.0 RT	TAG# 234
1	SUB-TOTAL	
1	TOTAL	

WATER VALVES 8"

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 147+81.5, 61.4 RT	TAG# 84
1	STA. 148+43.0, 45.5 RT	TAG# 105D
1	STA. 155+39.1, 50.1 RT	TAG# 97
1	STA. 160+95, 66.5 RT	TAG# 129
1	STA. 172+80.0, 50.0 RT	TAG# 92
1	STA. 175+79, 41.5 RT	TAG# 173
1	STA. 179+82.5, 40.5 RT	TAG# 186
1	STA. 184+45.5, 35.0 RT	TAG# 202
1	STA. 187+58.5, 65.0 RT	TAG# 252
1	STA. 188+58.5, 57.0 RT	TAG# 219
1	STA. 189+23.75, 62 RT	TAG# 227
11	SUB-TOTAL	
11	TOTAL	

WATER VALVES 12"

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 148+36.5, 47.5 RT	TAG# 106
1	STA. 169+97.8, 41.76 RT	TAG# 148
1	STA. 173+35, 47.3 RT	TAG# 165
1	STA. 184+55.85, 43.5 RT	TAG# 206
1	STA. 185+33.5, 67.7 RT	TAG# 214
1	STA. 185+36.5, 62.5 RT	TAG# 216
1	STA. 193+22, 38.0 RT	TAG# 245
7	SUB-TOTAL	
7	TOTAL	

DUCTILE IRON WATER MAIN FITTINGS 8" 22.50 DEGREE BEND

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 147+84.0, 56.7 RT	TAG# 83
1	SUB-TOTAL	
1	TOTAL	

DUCTILE IRON WATER MAIN FITTINGS 8" 45.00 DEGREE BEND

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 172+75.8, 69.3 RT	TAG# 88
1	STA. 172+80.0, 65.0 RT	TAG# 90
1	STA. 179+82.5, 37.6 LT	TAG# 188A
1	STA. 179+75, 45.0 LT	TAG# 188B
4	SUB-TOTAL	
4	TOTAL	

DUCTILE IRON WATER MAIN FITTINGS 12" 45.00 DEGREE BEND

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 147+57.5, 25.0 RT	TAG# 101
1	STA. 147+80, 47.5 RT	TAG# 102
1	STA. 148+43.0, 45.0 LT	TAG# 105B
1	STA. 148+37.8, 50.2 LT	TAG# 105C
1	STA. 160+35, 50.5 RT	TAG# 124A
1	STA. 160+38, 47.5 RT	TAG# 124B
1	STA. 184+64.2, 43.4 RT	TAG# 207A
1	STA. 184+65.5, 66.4 RT	TAG# 207B
1	STA. 190+78.7, 61.0 RT	TAG# 229A
1	STA. 190+83.2, 48.5 RT	TAG# 229B
1	STA. 193+13.5, 46.5 RT	TAG# 243
1	STA. 193+29.8, 30.2 RT	TAG# 247
12	SUB-TOTAL	
12	TOTAL	

WATER SERVICE LINE 1 1/2"

FOOT	LOCATION	TAG#
9	EAST NEW YORK STREET STA. 165+02.6, 56.6 RT	TAG#251
9	STA. 165+29.1, 56.4 RT	TAG#252
9	STA. 165+33.8, 56.2 RT	TAG#253
9	STA. 165+74.8, 56.2 RT	TAG#254
9	STA. 166+00.1, 55.8 RT	TAG#255
9	STA. 166+22.1, 55.6 RT	TAG#256
54	SUB-TOTAL	
54	TOTAL	

WATER SERVICE LINE 2"

FOOT	LOCATION	TAG#
102	EAST NEW YORK STREET STA. 170+05.8, 46.6 RT - STA. 170+05.8, 55.0 LT	TAG# 142
102	SUB-TOTAL	
102	TOTAL	

WATER SERVICE LINE 3"

FOOT	LOCATION	TAG#
27	EAST NEW YORK STREET STA. 191+04, 46.5 RT - STA. 191+04, 20.0 RT	TAG# 237A
27	STA. 191+05, 46.5 RT - STA. 191+05, 20.0 RT	TAG# 237B
54	SUB-TOTAL	
54	TOTAL	

FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX

EACH	LOCATION	TAG#
1	EAST NEW YORK STREET STA. 149+70, 42.0 RT	TAG# 111
1	STA. 152+65, 42.0 RT	TAG# 115

ABANDON EXISTING WATER MAIN, FILL WITH CSLM

FOOT	LOCATION	WTR	TAG
512	STA. 149+13.5, 25.0' RT	WTR 12"	TAG # R1
72	STA. 149+38.6, 24.9' RT - 49.0' LT	WTR 8"	TAG # R2
875	STA. 153+25, 25.0' RT 162+00, 28.7' RT	WTR 12"	TAG # R3
2200	STA. 162+00, 26.7' RT - 184+00, 25.5' RT	WTR 12"	TAG # R6
71	STA. 169+95, 22' RT - 52' LT	WTR 12"	TAG # R7
36	STA. 172+75.1, 28.9' RT - 65.0' RT	WTR 8"	TAG # R8
87	STA. 175+92.2, 29.6' RT - 175+81.7, 56.5' LT	WTR 8"	TAG # R9
74	STA. 179+71.7, 29.8' RT - 44.0' LT	WTR 8"	TAG # R10
87	STA. 184+58.5, 20.5' RT - 184+46.4, 63.9' LT	WTR 8"	TAG # R11
35	STA. 185+33.1, 25.9' RT - 62.7' RT	WTR 8"	TAG # R12
64	STA. 188+61.2, 26.0' RT - 39.8' LT	WTR 8"	TAG # R13
45	STA. 189+29.1, 23.9' RT - 59.0' RT	WTR 8"	TAG # R14

4158 SUB-TOTAL
4158 TOTAL

WATER MAIN REMOVAL, 8"

FOOT	LOCATION
40	STA. 160+95.4, 27.7' RT - 67.4' RT

40 SUB-TOTAL
40 TOTAL

DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 8"

FOOT	LOCATION	HYDRANT LEAD	TAG
5	STA. 164+65.2, 38' RT	HYDRANT LEAD - TAG# 151	
3	STA. 167+42.3, 38' RT	HYDRANT LEAD - TAG# 155	
5	STA. 170+37.0, 56' RT	HYDRANT LEAD - TAG# 145	
17	STA. 173+45, 68.5' RT	HYDRANT LEAD - TAG# 168	
3	STA. 176+36, 58.0' RT	HYDRANT LEAD - TAG# 177B	
4	STA. 182+38, 38.0' RT	HYDRANT LEAD - TAG# 181	
16	STA. 188+65, 38.0' RT	HYDRANT LEAD - TAG# 222	
4	STA. 189+97.4, 60.5' RT	HYDRANT LEAD - TAG# 256	
4	STA. 191+01, 43' RT	HYDRANT LEAD - TAG # 259	
26	STA. 191+01, 43' RT	HYDRANT LEAD - TAG # 235	
4	STA. 191+25, 38.0' RT	HYDRANT LEAD - TAG # 233	

87 SUB-TOTAL
87 TOTAL

DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 8"

FOOT	LOCATION	TAG
23	STA. 149+13.5, 25.0' RT	TAG # 98
22	STA. 149+38.6, 24.9' RT - 49.0' LT	TAG # 128
8	STA. 153+25, 25.0' RT 162+00, 28.7' RT	TAG # 87
6	STA. 162+00, 26.7' RT - 184+00, 25.5' RT	TAG # 85
15	STA. 169+95, 22' RT - 52' LT	TAG # 91
3	STA. 172+75.1, 28.9' RT - 65.0' RT	TAG # 93
5	STA. 175+92.2, 29.6' RT - 175+81.7, 56.5' LT	TAG # 172
113	STA. 179+71.7, 29.8' RT - 44.0' LT	TAG # 174
5	STA. 184+58.5, 20.5' RT - 184+46.4, 63.9' LT	TAG # 185
78	STA. 185+33.1, 25.9' RT - 62.7' RT	TAG # 187
10	STA. 188+61.2, 26.0' RT - 39.8' LT	TAG # 189
5	STA. 189+29.1, 23.9' RT - 59.0' RT	TAG # 150
6	STA. 191+01, 43' RT	TAG # 201
104	STA. 191+01, 43' RT	TAG # 203
97	STA. 191+01, 43' RT	TAG # 220
2	STA. 191+25, 38.0' RT	TAG # 226
6	STA. 191+25, 38.0' RT	TAG # 251
3	STA. 191+25, 38.0' RT	TAG # 253
7	STA. 191+25, 38.0' RT	TAG # 290

520 SUB-TOTAL
520 TOTAL

DUCTILE IRON WATER MAIN, CLASS 52 WITH POLYETHYLENE ENCASEMENT, 12"

FOOT	LOCATION	TAG
19	STA. 149+13.5, 25.0' RT	TAG # 101
31	STA. 149+38.6, 24.9' RT - 49.0' LT	TAG # 104
7	STA. 153+25, 25.0' RT 162+00, 28.7' RT	TAG # 105A
50	STA. 162+00, 26.7' RT - 184+00, 25.5' RT	TAG # 105B
2	STA. 169+95, 22' RT - 52' LT	TAG # 105C
91	STA. 172+75.1, 28.9' RT - 65.0' RT	TAG # 108A
7	STA. 175+92.2, 29.6' RT - 175+81.7, 56.5' LT	TAG # 108D
4	STA. 179+71.7, 29.8' RT - 44.0' LT	TAG # 108E
127	STA. 184+58.5, 20.5' RT - 184+46.4, 63.9' LT	TAG # 109
294	STA. 185+33.1, 25.9' RT - 62.7' RT	TAG # 112
8	STA. 188+61.2, 26.0' RT - 39.8' LT	TAG # 116
307	STA. 189+29.1, 23.9' RT - 59.0' RT	TAG # 117
277	STA. 189+29.1, 23.9' RT - 59.0' RT	TAG # 120
179	STA. 189+29.1, 23.9' RT - 59.0' RT	TAG # 123
4	STA. 191+01, 43' RT	TAG # 125
92	STA. 191+01, 43' RT	TAG # 126
2	STA. 191+25, 38.0' RT	TAG # 131
4	STA. 191+25, 38.0' RT	TAG # 140
272	STA. 191+25, 38.0' RT	TAG # 141
93	STA. 191+25, 38.0' RT	TAG # 147
2	STA. 191+25, 38.0' RT	TAG # 149
271	STA. 191+25, 38.0' RT	TAG # 153
255	STA. 191+25, 38.0' RT	TAG # 157
39	STA. 191+25, 38.0' RT	TAG # 159
243	STA. 191+25, 38.0' RT	TAG # 162
55	STA. 191+25, 38.0' RT	TAG # 163
8	STA. 191+25, 38.0' RT	TAG # 166
234	STA. 191+25, 38.0' RT	TAG # 170
57	STA. 191+25, 38.0' RT	TAG # 176
304	STA. 191+25, 38.0' RT	TAG # 179
42	STA. 191+25, 38.0' RT	TAG # 183
102	STA. 191+25, 38.0' RT	TAG # 191
260	STA. 191+25, 38.0' RT	TAG # 192
211	STA. 191+25, 38.0' RT	TAG # 195
5	STA. 191+25, 38.0' RT	TAG # 198
6	STA. 191+25, 38.0' RT	TAG # 199
10	STA. 191+25, 38.0' RT	TAG # 205
32	STA. 191+25, 38.0' RT	TAG # 208
42	STA. 191+25, 38.0' RT	TAG # 209
15	STA. 191+25, 38.0' RT	TAG # 213
227	STA. 191+25, 38.0' RT	TAG # 217
60	STA. 191+25, 38.0' RT	TAG # 224
75	STA. 191+25, 38.0' RT	TAG # 228
20	STA. 191+25, 38.0' RT	TAG # 230
11	STA. 191+25, 38.0' RT	TAG # 231
188	STA. 191+25, 38.0' RT	TAG # 242
10	STA. 191+25, 38.0' RT	TAG # 244
9	STA. 191+25, 38.0' RT	TAG # 246
81	STA. 191+25, 38.0' RT	TAG # 258

4,819 SUB-TOTAL
4,819 TOTAL

WATER SERVICE RECONNECTIONS

EACH	LOCATION	TAG	REMARKS
1	STA. 165+02.6, 56.6' RT	TAG#132	1-1/2-INCH (FIELD VERIFY)
1	STA. 165+29.1, 56.4' RT	TAG#133	1-1/2-INCH (FIELD VERIFY)
1	STA. 165+53.6, 56.2' RT	TAG#134	1-1/2-INCH (FIELD VERIFY)
1	STA. 165+74.9, 56.2' RT	TAG#135	1-1/2-INCH (FIELD VERIFY)
1	STA. 165+97.4, 56.6' RT	TAG#136	1-1/2-INCH (FIELD VERIFY)
1	STA. 166+22.1, 55.6' RT	TAG#137	1-1/2-INCH (FIELD VERIFY)
1	STA. 191+04, 20.0' RT	TAG# 238A	3-INCH (FIELD VERIFY)
1	STA. 191+05, 20.0' RT	TAG# 238B	3-INCH (FIELD VERIFY)

8 SUB-TOTAL
8 TOTAL

CUT AND CAP EXISTING 8" WATER MAIN

EACH	LOCATION	TAG
1	STA. 149+37.8, 47.0' LT	TAG# R22
1	STA. 172+75.8, 65.0' RT	TAG# R47
1	STA. 175+81.7, 56.5' LT	TAG# R48
1	STA. 179+74.7, 42' LT	TAG# R49
1	STA. 184+47.2, 57.7' LT	TAG# R60
1	STA. 185+33.9, 60.0' RT	TAG# R61
1	STA. 188+68.5, 38' LT	TAG# R62
1	STA. 189+29.1, 58' RT	TAG# R63
1	STA. 191+01.8, 41' LT	TAG# R64

9 SUB-TOTAL
9 TOTAL

CUT AND CAP EXISTING 12" WATER MAIN

EACH	LOCATION	TAG
1	STA. 149+13.5, 25.0' RT	TAG# R23
1	STA. 169+97.5, 48.0' LT	TAG# R38
1	STA. 193+22, 28.8' RT	TAG# R65

3 SUB-TOTAL
3 TOTAL

CONNECTION TO EXISTING 6" WATER MAIN

EACH	LOCATION	TAG
1	STA. 189+97.4, 65.0' RT	TAG# 257
1	STA. 191+01, 20.0' RT	TAG# 236

2 SUB-TOTAL
2 TOTAL

CONNECTION TO EXISTING 8" WATER MAIN

EACH	LOCATION	TAG
1	STA. 147+81.5, 61.4' RT	TAG# 85
1	STA. 155+39.10, 60.0' RT	TAG# 99
1	STA. 169+95, 70.0' RT	TAG# 130
1	STA. 172+76.0, 76.0' RT	TAG# 86
1	STA. 175+77.5, 71.5' LT	TAG# 175
1	STA. 179+75, 50.0' LT	TAG# 164
1	STA. 184+45.5, 71.5' LT	TAG# 204
1	STA. 187+58.0, 70.0' RT	TAG# 254
1	STA. 189+23.4, 64.7' RT	TAG# 249

9 SUB-TOTAL
9 TOTAL

CONNECTION TO EXISTING 12" WATER MAIN

EACH	LOCATION	TAG
1	STA. 147+89.50, 25.0' RT	TAG# 100
1	STA. 149+37.75, 54.5' LT	TAG# 113
1	STA. 169+97.8, 54.2' LT	TAG# 146
1	STA. 185+33.5, 72.7' RT	TAG# 215
1	STA. 193+34, 30' RT	TAG# 248

5 SUB-TOTAL
5 TOTAL

INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE

EACH	LOCATION	TAG
1	STA. 152+35, 45.0' LT	TAG# 1-08-IN A
1	STA. 153+60, 43.5' LT	TAG# 1-10-IN A
1	STA. 155+50, 42.5' LT	TAG# 1-13-IN A
1	STA. 157+00, 0.0' RT	TAG# 1-17-IN A
1	STA. 159+25, 41.5' LT	TAG# 2-17-IN A
1	STA. 162+00, 53.0' LT	TAG# 2-08-IN A
1	STA. 163+25, 42.3' LT	TAG# 2-05-IN A
1	STA. 164+50, 42.5' LT	TAG# 2-01-IN A
1	STA. 165+00, 0.0' RT	TAG# 2-03-IN A
1	STA. 182+65, 41.0' LT	TAG# 4-01-IN A
1	STA. 184+25, 42.0' LT	TAG# 6-01-IN A
1	STA. 186+17.5, 42.5' RT	TAG# 5-09-IN A
1	STA. 188+33, 55.5' RT	TAG# 5-11-IN A
1	STA. 189+50, 2.0' RT	TAG# 5-14-IN A
1	STA. 193+41.6, 0.0' RT	TAG# 5-21-IN A

15 SUB-TOTAL

EACH	LOCATION	TAG
1	VAUGHN ROAD / VAUGHN CIRCLE STA 507+37, 48.0' LT	TAG# 7-01-IN A

1 SUB-TOTAL

16 TOTAL

INLETS, TYPE B, WITH SPECIAL FRAME AND GRATE

EACH	LOCATION	TAG
1	STA. 169+50, 2.5' LT	TAG# 3-02-IN B
1	STA. 176+50, 2.5' RT	TAG# 3-15-IN B
1	STA. 179+70, 0.0' RT	TAG# 4-09-IN B

3 SUB-TOTAL

3 TOTAL

INLETS, TYPE A, TYPE 3V FRAME AND GRATE

EACH	LOCATION	TAG
1	STA. 179+03, 9.0' RT	TAG# 4-10-IN A
1	STA. 188+24.4, 9.0' RT	TAG# 5-12-IN A

2 SUB-TOTAL

2 TOTAL

VALVE VAULTS TO BE REMOVED

EACH	LOCATION	TAG
1	STA. 191+01.0, 23.7' RT	TAG# R56

1 SUB-TOTAL

1 TOTAL

VALVE BOX

EACH	LOCATION	TAG
1	STA. 147+81.5, 61.4' RT	8" VALVE (TAG# 84)
1	STA. 155+39.10, 60.0' RT	8" VALVE (TAG# 97)
1	STA. 160+95, 66.5' RT	8" VALVE (TAG# 129)
1	STA. 175+79, 41.5' RT	8" VALVE (TAG# 173)
1	STA. 179+82.5, 40.8' RT	8" VALVE (TAG# 166)
1	STA. 187+58.5, 65.0' RT	8" VALVE (TAG# 252)
1	STA. 188+58.5, 57.0' RT	8" VALVE (TAG# 219)
1	STA. 189+27.5, 52' RT	8" VALVE (TAG# 227)
1	STA. 191+01, 43.0' RT	6" VALVE (TAG# 234)

9 SUB-TOTAL
9 TOTAL

STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH

FOOT	LOCATION	TAG
66	EAST NEW YORK STREET TAG # 100	
136	TAG # 101	
168	TAG # 406	
42	TAG # 501	
156	TAG # 502	

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

LOCATION	AGGREGATE SUBGRADE IMPR 12"	SUBBASE GRANULAR MATERIAL TYPE B 4"	SUBBASE GRANULAR MATERIAL TYPE B 6"	HOT-MIX ASPHALT BASE COURSE 5 3/4"	HOT-MIX ASPHALT BASE COURSE 7 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER MACHINE METHOD, N50	TEMPORARY RAMP	HOT-MIX ASPHALT BIND. COURSE IL-19.0, N50	HOT-MIX ASPHALT SURF. COURSE MIX "D", N50	PCC PAVEMENT 9" (JOINTED)	PCC DRIVEWAY PAVEMENT 6 INCH	PCC DRIVEWAY PAVEMENT 8 INCH	PCC SIDEWALK 5 INCH (SQ FT)		DETECTABLE WARNINGS	CLASS D PATCHES TYPE II 12 INCH	CLASS D PATCHES TYPE IV 12 INCH	PAVEMENT REMOVAL
	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(GAL)	(TON)	(TON)	(SQ YD)	(TON)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	LEFT	RIGHT	(SQ FT)	(SQ YD)	(SQ YD)	(SQ YD)
EAST NEW YORK STREET																				
STA. 147+20.00 TO STA. 153+25.00	4559	321	653			49	1	14	48		26	4101		72	2568	316	37	24		2881
STA. 153+25.00 TO STA. 162+00.00	7522	482	1018									6449		176	3837	502	104	48	40	5790
STA. 162+00.00 TO STA. 184+00.00	16685	1232	3286									13936	418	226	10452	661	66	93		12789
STA. 184+00.00 TO STA. 193+37.00	7144	179	1116									6011	122	581	636	966	190	27		6528
KAUTZ / COUNTY LINE ROAD																				
STA. 607+40.25 TO STA. 608+40.00	115				72	74		25			49									6
VAUGHN ROAD / VAUGHN CIRCLE																				
STA. 503+96.96 TO STA. 506+23.90	950		23	848		386				107	72			39						571
STA. 507+61.94 TO STA. 508+15.00	26		16			18		14	64		19		16							
BIKE PATH (EAST NEW YORK STREET)																				
STA. 147+20.00 TO STA. 153+25.00			499			187					56									
STA. 153+25.00 TO STA. 162+00.00			838			315					94									
STA. 162+00.00 TO STA. 184+00.00			2203			828					247									
STA. 184+00.00 TO STA. 193+63.16			580			218					65									
TOTAL	37001	2214	10232	848	72	2075	1	53	112	107	628	30497	556	1094	19938	397	192	40		28565

PROFILE SURVEYED BY DATE
 PLOTTED BY
 CHECKED BY
 NOTE BOOK NO.
 STRUCTURE NOTATIONS OK'D

LOCATION	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)		SIDEWALK REMOVAL (SQ FT)		AGGREGATE SHOULDERS TYPE B 6" (SQ YD)		COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (FOOT)		COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (FOOT)		COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (FOOT)		P.C.C. RAMPED MEDIAN TERMINAL (EACH)	CURB CUT (FOOT)	BRICK PAVERS (SQ FT)	TEMPORARY ACCESS PRIVATE ENTRANCE (EACH)	TEMPORARY ACCESS COMMERCIAL ENTRANCE (EACH)	TEMPORARY ACCESS ROAD (EACH)	HOT-MIX ASPHALT SURFACE REMOVAL VAR. DEPTH (SQ YD)	CONCRETE MEDIAN SURFACE REMOVAL (SQ FT)	HOT-MIX ASPHALT REMOVAL SPECIAL (SQ YD)		TEMPORARY PAVEMENT (SQ YD)			
			LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT		
EAST NEW YORK STREET																												
STA. 147+20.00 TO STA. 153+25.00		77	123	152			18	37	67	12	137	137	541	532	2		274		1		1	304						572
STA. 153+25.00 TO STA. 162+00.00		113	423	247	132	203			135	70	737	736	863	865	2		720		2		2							834
STA. 162+00.00 TO STA. 184+00.00		629	191	207	304	83			35	45	2100	2100	2165	2193	3		1721	6	2		2	242					2639	
STA. 184+00.00 TO STA. 193+37.00		831	448	561	363				54	279	841	842	926	944	2		512	2	3		1	567		417			489	
KAUTZ / COUNTY LINE ROAD																												
STA. 607+40.25 TO STA. 608+40.00	522		156	23					101	94					2	15												
VAUGHN ROAD / VAUGHN CIRCLE																												
STA. 503+96.96 TO STA. 506+23.90		153							214	142			10	10					1		1							
STA. 507+61.94 TO STA. 508+15.00		16	53	54					43	44			10	10								224						
BIKE PATH (EAST NEW YORK STREET)																												
STA. 147+20.00 TO STA. 153+25.00																												
STA. 153+25.00 TO STA. 162+00.00																												
STA. 162+00.00 TO STA. 184+00.00																												
STA. 184+00.00 TO STA. 193+63.16																												
TOTAL	522	1819	2638	1085			55	1335	7630		9069	11	15	3227	9	9	6	528	809		417							4534



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USER NAME = MFeller
 FILE NAME = 604_schR6.dgn
 PLOT SCALE =
 PLOT DATE = 6/25/2013

DESIGNED - JRS
 DRAWN - BAH
 CHECKED - APS
 DATE - 01/25/2013

REVISED - 11/01/2011
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 REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT SCHEDULE

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	23
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63838	

SIGN SCHEDULE

LOCATION	STANDARD NUMBER (NEW) DESCRIPTION (EXISTING)	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	METAL POST, TYPE A (FOOT)	METAL POST, TYPE B (FOOT)	SIGN PLACEMENT		CENTERLINE OFFSET
						HEIGHT ABOVE EDGE OF SIDEWALK	HEIGHT ABOVE EDGE OF PAVEMENT	
EAST NEW YORK STREET								
146+10 RT	W6-1-3030	6.25			15.0		7'-0"	35'
149+00 LT	W1-2L-3030	6.25			15.5		7'-0"	41'
151+00 LT	W6-2-3030	6.25			15.5		7'-0"	41'
151+09 RT	*R5-2-MODIFIED-2424 (WELSH DRIVE)	4.00			14.0		8'-0"	64'
151+09 RT	*R8-3-1212 (WELSH DRIVE)	1.00					7'-0"	64'
151+71 RT	R1-1-3030 (WELSH DRIVE)	6.25			14.5		7'-0"	64'
152+00 RT	*R4-7-2430	5.00			13.0		6'-0"	6'
152+00 RT	*R3-5L-3036	7.50					6'-3"	6'
152+70 RT	R6-1-3612	3.00			12.0		7'-0"	6'
153+00 RT	*R2-1-2430	5.00			15.0		8'-0"	41'
153+00 RT	*R8-3-1212	1.00					7'-0"	41'
153+25 RT	R3-5L-3036	7.50			14.0		6'-0"	6'
154+00 RT	R6-1-3612	3.00			12.0		7'-0"	5'
155+00 RT	W3-3-3636	9.00			17.5		8'-5"	41'
155+00 RT	*W16-8a-3618	3.75					7'-0"	41'
158+25 LT	*R2-1-2430	5.00			14.5	8'-0"		41'
158+25 LT	*R8-3-1212	1.00				7'-0"		41'
158+80 LT	R3-5L-3036	7.50			14.0		7'-0"	6'
158+90 LT	R6-1-3612	3.00			12.0		7'-0"	6'
160+15 LT	*R3-5L-3036	7.50			13.0		6'-0"	6'
160+15 LT	*R4-7-2430	5.00					6'-3"	6'
161+80 RT	*R4-7-2430	5.00			13.0		6'-3"	6'
161+80 RT	*R3-5L-3036	7.50					6'-0"	6'
163+00 RT	R3-5L-3036	7.50			14.0		7'-0"	6'
163+00 RT	*R2-1-2430	5.00			15.0	8'-0"		41'
163+00 RT	*R8-3-1212	1.00				7'-0"		41'
166+50 LT	W3-3-3636	9.00			17.0		8'-5"	41'
166+50 LT	*W16-8a-3618	3.75					7'-0"	41'
168+25 LT	W1-2L-3030	6.25			14.5	7'-0"		41'
169+25 LT	*R2-1-2430	5.00			14.5		8'-0"	41'
169+25 LT	*R8-3-1212	1.00				7'-0"		41'
171+00 LT	R3-5L-3036	7.50			15.0	8'-0"		6'
171+00 LT	*R6-1-3612	3.00					7'-0"	6'
172+34 RT	*R3-5L-3036	7.50			13.0		6'-0"	6'
172+34 RT	*R4-7-2430	5.00					6'-3"	6'
172+53 RT	R1-1-3030 (STOUGHTON)	6.25			13.5		7'-0"	64'
173+58 RT	*R4-7-2430	5.00			13.0		6'-3"	6'
173+58 RT	*R3-5L-3036	7.50					6'-0"	6'
174+80 RT	R3-5L-3036	7.50			14.0		7'-0"	6'
175+00 RT	*R2-1-2430	5.00			14.5	8'-0"		41'
175+00 RT	*R8-3-1212	1.00				7'-0"		41'
175+89 LT	*R1-1-3030 (JAMESTOWN)	6.25			16.5		10'-0"	67'
175+89 LT	*R3-5R-3036 (JAMESTOWN)	7.50					7'-0"	67'
176+10 RT	R6-1-3612	3.00			12.0		7'-0"	4'
178+25 RT	W1-2L-3030	6.25			14.5	7'-0"		41'
179+25 RT	W3-3-3636	9.00			17.0	8'-5"		41'
179+25 RT	*W16-8a-3618	3.75				7'-0"		41'
182+90 LT	R3-5L-3036	7.50			14.0		6'-0"	6'
183+25 RT	ST ATHANASIOS-2418	3.00		13.5		7'-0"		54'
184+12 LT	*R3-5L-3036	7.50			13.0		6'-0"	6'
184+12 LT	*R4-7-2430	5.00			13.0		6'-6"	6'
185+45 RT	*R4-7-2430	5.00					6'-3"	6'
185+45 RT	*R3-5L-3036	7.50					6'-0"	6'
186+50 RT	*R2-1-2430	5.00			14.5	8'-0"		39'
186+50 RT	*R8-3-1212	1.00				7'-0"		39'
186+65 RT	R3-5L-3036	7.50			14.0		7'-0"	6'
187+36 RT	R6-1-3612	3.00			12.0		7'-0"	5'
190+00 LT	W3-3-3636	9.00			17.5	8'-5"		41'
190+00 LT	*W16-8a-3618	3.75				7'-0"		41'
190+20 RT	R6-1-3612	3.00			12.0		7'-0"	0'
190+65 RT	R6-1-3612	3.00			12.0		7'-0"	0'
191+50 LT	*R2-1-2430	5.00			14.5	8'-0"		41'
191+50 LT	*R8-3-1212	1.00				7'-0"		41'
191+50 RT	W3-3-3636	9.00			17.0	8'-5"		39'
191+50 RT	*W16-8-3618	1.33				7'-0"		39'
SUBTOTAL		332.83		13.5	596.0			
KAUTZ / COUNTY LINE ROAD								
604+85 RT	W11-1-3030	6.25			17.0		7'-0"	33'
605+93 LT	R5-2-MODIFIED-2424	4.00		12.5		7'-0"		40'
SUBTOTAL		10.25		12.5	17.0			
VAUGHN ROAD / VAUGHN CIRCLE								
505+35 RT	W11-1-3030	6.25			15.0		7'-0"	25'
506+10 LT	R5-2-MODIFIED-2430	5.00			14.5		7'-0"	25'
SUBTOTAL		11.25		0	29.5			
TRAFFIC SIGNALS		81.00	22.50					
TOTAL		435.33	22.50	26.0	642.5			

* PROPOSED SIGN SHARES SAME POST.

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EMBANKMENT (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SQ YD)
EAST NEW YORK STREET							
STA. 147+85 TO STA. 162+00	4927	1771	4120	2349	768	768	2304
STA. 162+00 TO STA. 184+00	11573	898	9568	8700	841	841	
STA. 184+00 TO STA. 193+37	3157	131	2612	2481	403	403	
KAUTZ / COUNTY LINE ROAD							
STA. 605+60.23 TO STA. 606+16.89	141	11	120	109			
STA. 606+83.12 TO STA. 608+40	290	6	247	241			
VAUGHN ROAD / VAUGHN CIRCLE							
STA. 503+96.96 TO STA. 506+59.35	460	79	391	312			
STA. 507+25.39 TO STA. 507+61.94	137	1	116	115			
TOTAL	20685	2897	17204	14307	2012	2012	2304

SHRINKAGE FACTORS

EARTH EXCAVATION 15%

NOTE:

CUTS AND FILLS HAVE BEEN ADJUSTED FOR TOPSOIL PLACEMENT.

PLAN	SUBMITTED	DATE
NOTE BOOK	PLOTTED	
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NOTE BOOK	PLOTTED	
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USER NAME = gchrrss
FILE NAME = 604_sch07.dgn
PLOT SCALE =
PLOT DATE = 6/4/2013

DESIGNED - JRS
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DATE - 01/25/2013

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIGN SCHEDULE AND
EARTHWORK SCHEDULE**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	24
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE – HMA PAVEMENT (THERMOPLASTIC)

LOCATION	THERMOPLASTIC PAVEMENT MARKING - (HMA PAVEMENT SURFACE)											PAVEMENT MARKING REMOVAL (SQ FT)
	LETTERS AND SYMBOLS (SQ FT)	LINE - 4"				CROSSWALK SOLID WHITE (FOOT)	LINE - 6"			LINE - 12" DIAGONALS SOLID		
		MEDIAN LINE SOLID YELLOW (FOOT)	EDGE LINE SOLID WHITE		LANE LINE 30'-10' SKIP-DASH WHITE		LANE LINE 6'-2' SKIP-DASH WHITE (FOOT)	SOLID WHITE (FOOT)	WHITE (FOOT)	YELLOW (FOOT)		
			LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)						RIGHT (FOOT)	
EAST NEW YORK STREET												
STA. 140+70 TO STA. 153+25.00		1430	65	65	180	180						1090
STA. 153+25.00 TO STA. 162+00.00												1304
STA. 162+00.00 TO STA. 184+00.00												2891
STA. 184+00.00 TO STA. 193+37.00												956
STA. 193+37.00 TO STA. 197+00												
KAUTZ / COUNTY LINE ROAD												
STA. 602+60.00 TO STA. 605+60.23	36.4	500							104		56	272
STA. 607+40.25 TO STA. 609+35.00	72.8	512							120		32	64
VAUGHN ROAD / VAUGHN CIRCLE												
STA. 503+96.96 TO STA. 506+23.90	36.4	454						34	92			66
STA. 507+61.94 TO STA. 509+52.00	36.4	382						26	90			71
BIKE PATH (EAST NEW YORK STREET)												
STA. 143+70 TO STA. 153+25.00		445										
STA. 153+25.00 TO STA. 162+00.00		752										
STA. 162+00.00 TO STA. 184+00.00		1985										
STA. 184+00.00 TO STA. 193+63.16		660										
TOTAL	182.0			7610				466		88		6714

PAVEMENT MARKING SCHEDULE – PCC PAVEMENT (PREFORMED PLASTIC)

LOCATION	PREFORMED PLASTIC PAVEMENT MARKING TYPE "C" - (PCC PAVEMENT SURFACE)													RAISED REFLECTIVE PAVEMENT MARKERS (EACH)	PAVEMENT MARKING REMOVAL (SQ FT)
	LETTERS AND SYMBOLS (SQ FT)	LINE - 4"				CROSSWALK SOLID WHITE (FOOT)	LINE - 6"			LINE - 12" DIAGONALS SOLID		LINE - 24" STOP BAR WHITE (FOOT)			
		MEDIAN LINE SOLID YELLOW (FOOT)	EDGE LINE SOLID WHITE		LANE LINE 30'-10' SKIP-DASH WHITE		LANE LINE 6'-2' SKIP-DASH WHITE (FOOT)	SOLID WHITE (FOOT)	WHITE (FOOT)	YELLOW (FOOT)					
			LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)						RIGHT (FOOT)				
EAST NEW YORK STREET															
STA. 153+25.00 TO STA. 162+00.00	72.8	2951	301	301	320	220	490	100	496	675	113	165	74		
STA. 162+00.00 TO STA. 184+00.00	145.6	4212			560	530	244	202	669	364		45	128		
STA. 184+00.00 TO STA. 193+37.00	36.4	1662			300	260	509	50	240	247		124	47		
STA. 193+37.00 TO STA. 197+00														594	
TOTAL	254.8			11617				3000		1399		334	249	594	

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 PLOTTED _____
 GRADES CHECKED _____
 NOTE BOOK _____
 NO. _____
 STRUCTURE NOTATIONS CHECKED _____

PLAN	SUBMITTED	DATE
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	CADD FILE NAME	
	NO.	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS DIVD	
	NO.	

LOCATION	WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)	WORK ZONE PAVEMENT MARKING PAVEMENT MARKING TAPE, TYPE III						SHORT-TERM PAVEMENT MARKING			TEMPORARY CONCRETE BARRIER (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)	IMPACT ATTENUATORS TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2 (EACH)	IMPACT ATTENUATORS RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2 (EACH)
		LETTERS AND SYMBOLS (SQ FT)	LINE - 4"		LINE - 6"		LINE - 24"	LETTERS & SYMBOLS WHITE (FOOT)	MEDIAN LINE YELLOW (FOOT)	LANE LINE WHITE (FOOT)				
			SOLID EDGE LINE WHITE (FOOT)	SOLID MEDIAN YELLOW (FOOT)	SOLID LANE LINE/CROSS WALK WHITE (FOOT)	6' - 2' SKIP-DASH WHITE (FOOT)	SOLID STOP BAR WHITE (FOOT)							
STAGE 1A														
EAST NEW YORK STREET														
STA. 140+70 TO STA. 160+92.13	72.6	3634	3813	370	100	22								
STA. 160+92.13 TO STA. 184+75.78	108.9	4559	4466	716.0	150	58				1170		2		
STA. 184+75.78 TO STA. 197+00.00	72.6	1768	1861	305	100	22								
WELSH DRIVE (SEQUENCE 1 & 2)	357	786	123			27								
KAUTZ / COUNTY LINE ROAD														
STA. 604+56.78 TO STA. 606+50.00		192	29	156		30								
STA. 606+50.00 TO STA. 608+40.00		214	44	22		31								
VAUGHN ROAD / VAUGHN CIRCLE														
STA. 503+96.96 TO STA. 506+82.36		165	124			17								
STA. 506+92.36 TO STA. 508+15		151	95	45		25								
STAGE 1B														
EAST NEW YORK STREET														
STA. 143+70 TO STA. 160+92.13		241	30			19								
STA. 160+92.13 TO STA. 184+75.78	244	334	453			23								
STA. 184+75.78 TO STA. 197+00.00	177	62	400											
KAUTZ / COUNTY LINE ROAD														
STA. 604+56.78 TO STA. 606+50.00	16													
STA. 606+50.00 TO STA. 608+40.00														
VAUGHN ROAD / VAUGHN CIRCLE														
STA. 503+96.96 TO STA. 506+82.36	15													
STA. 506+92.36 TO STA. 508+15														

*REMOVAL OF WORK ZONE PAVEMENT MARKINGS INCLUDES REMOVAL OF SHORT-TERM MARKINGS PRIOR TO PLACEMENT OF PERMANENT STRIPING.

NOTES:

- 1) AT THE CONCLUSION OF STAGE 1B, THE PERM. PAVT MARKING SHALL BE INSTALLED ON WELSH DRIVE, KAUTZ ROAD AND VAUGHN ROAD (SEE PAVT MARKING & SIGNAGE PLAN).
- 2) AT THE CONCLUSION OF STAGE 2A, THE PERM. PAVT MARKING SHALL BE INSTALLED ON JAMESTOWN COURT(SEE PAVT MARKING & SIGNAGE PLAN).
- 3) AT THE CONCLUSION OF STAGE 2B, THE PERM. PAVT MARKING SHALL BE INSTALLED ON COUNTY LINE ROAD(SEE PAVT MARKING & SIGNAGE PLAN).
- 4) AT THE CONCLUSION OF STAGE 2D, THE PERM. PAVT MARKING SHALL BE INSTALLED ON VAUGHN CIRCLE (SEE PAVT MARKING & SIGNAGE PLAN).



USER NAME = gchrrss	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_sch09.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/5/2013	DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC SCHEDULE
(SHEET 1 OF 4)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	26
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63838	

DATE: _____ BY: _____
 SUBMITTED: _____
 PLOTTED: _____
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 NOTE BOOK: _____
 CAD FILE NAME: _____
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DATE: _____ BY: _____
 SUBMITTED: _____
 PLOTTED: _____
 GRASSES CHECKED: _____
 NOTE BOOK: _____
 STRUCTURE NOTATIONS: _____
 NO. _____

LOCATION	WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)	WORK ZONE PAVEMENT MARKING PAVEMENT MARKING TAPE, TYPE III						SHORT-TERM PAVEMENT MARKING			TEMPORARY CONCRETE BARRIER (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)	IMPACT ATTENUATORS TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2 (EACH)	IMPACT ATTENUATORS RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2 (EACH)
		LETTERS AND SYMBOLS (SQ FT)	LINE - 4"		LINE - 6"		LINE - 24"	LETTERS & SYMBOLS WHITE (FOOT)	MEDIAN LINE YELLOW (FOOT)	LANE LINE WHITE (FOOT)				
			SOLID EDGE LINE WHITE (FOOT)	SOLID MEDIAN YELLOW (FOOT)	SOLID LANE LINE/CROSS WALK WHITE (FOOT)	6' - 2' SKIP-DASH WHITE (FOOT)	SOLID STOP BAR WHITE (FOOT)							
STAGE 2A														
EAST NEW YORK STREET														
STA. 143+70 TO STA. 160+92.13	2963	72.6	2140	3879	667	50	22							
STA. 160+92.13 TO STA. 184+75.78	3731	145.2	2124	4317	820	75	56				1105		2	
STA. 184+75.78 TO STA. 197+00.00	1506	72.6	1160	1718	616	50	35							
KAUTZ / COUNTY LINE ROAD														
STA. 604+56.78 TO STA. 606+50.00	196													
STA. 606+50.00 TO STA. 608+40.00	159		218	44	22		30							
VAUGHN ROAD / VAUGHN CIRCLE														
STA. 503+96.96 TO STA. 506+82.36	116													
STA. 506+82.36 TO STA. 508+15	155		175	95	45		27							
STAGE 2B														
EAST NEW YORK STREET														
STA. 143+70 TO STA. 160+92.13	601		523	834										
STA. 160+92.13 TO STA. 184+75.78	1406		2453	2608										
STA. 184+75.78 TO STA. 197+00.00	565		462	238										
KAUTZ / COUNTY LINE ROAD														
STA. 604+56.78 TO STA. 606+50.00														
STA. 606+50.00 TO STA. 608+40.00	7													
VAUGHN ROAD / VAUGHN CIRCLE														
STA. 503+96.96 TO STA. 506+82.36														
STA. 506+82.36 TO STA. 508+15	56		273	263			11							

*REMOVAL OF WORK ZONE PAVEMENT MARKINGS INCLUDES REMOVAL OF SHORT-TERM MARKINGS PRIOR TO PLACEMENT OF PERMANENT STRIPING.

NOTES:

- 1) AT THE CONCLUSION OF STAGE 1B, THE PERM. PAVT MARKING SHALL BE INSTALLED ON WELSH DRIVE, KAUTZ ROAD AND VAUGHN ROAD (SEE PAVT MARKING & SIGNAGE PLAN).
- 2) AT THE CONCLUSION OF STAGE 2A, THE PERM. PAVT MARKING SHALL BE INSTALLED ON JAMESTOWN COURT(SEE PAVT MARKING & SIGNAGE PLAN).
- 3) AT THE CONCLUSION OF STAGE 2B, THE PERM. PAVT MARKING SHALL BE INSTALLED ON COUNTY LINE ROAD(SEE PAVT MARKING & SIGNAGE PLAN).
- 4) AT THE CONCLUSION OF STAGE 2D, THE PERM. PAVT MARKING SHALL BE INSTALLED ON VAUGHN CIRCLE (SEE PAVT MARKING & SIGNAGE PLAN).



USER NAME = gchv133	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_schl0.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/5/2013	DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC SCHEDULE
(SHEET 2 OF 4)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 27
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63838	

PLAN	SUBMITTED	DATE
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	CADD FILE NAME	
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PROFILE	SUBMITTED	DATE
	PLOTTED	BY
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	APPROVED	
	STRUCTURE NOTATION	
	NO.	

LOCATION	WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)	WORK ZONE PAVEMENT MARKING PAVEMENT MARKING TAPE, TYPE III						SHORT-TERM PAVEMENT MARKING			TEMPORARY CONCRETE BARRIER (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)	IMPACT ATTENUATORS TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2 (EACH)	IMPACT ATTENUATORS RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2 (EACH)
		LETTERS AND SYMBOLS (SQ FT)	LINE - 4"			LINE - 6"		LETTERS & SYMBOLS WHITE (FOOT)	MEDIAN LINE YELLOW (FOOT)	LANE LINE WHITE (FOOT)				
			SOLID EDGE LINE WHITE (FOOT)	SOLID MEDIAN YELLOW (FOOT)	SOLID LANE LINE/ CROSS WALK WHITE (FOOT)	6' - 2' SKIP-DASH WHITE (FOOT)	SOLID STOP BAR WHITE (FOOT)							
STAGE 2C														
EAST NEW YORK STREET														
STA. 143+70 TO STA. 160+92.13														
STA. 160+92.13 TO STA. 184+75.78														
STA. 184+75.78 TO STA 197+00.00														
KAUTZ / COUNTY LINE ROAD														
STA. 604+56.78 TO STA. 606+50.00														
STA. 606+50.00 TO STA. 608+40.00*														
VAUGHN ROAD / VAUGHN CIRCLE														
STA. 503+96.96 TO STA 506+82.36														
STA. 506+92.36 TO STA. 508+15*														
STAGE 2D														
EAST NEW YORK STREET														
STA. 143+70 TO STA. 160+92.13														
STA. 160+92.13 TO STA. 184+75.78														
STA. 184+75.78 TO STA 197+00.00														
KAUTZ / COUNTY LINE ROAD														
STA. 604+56.78 TO STA. 606+50.00														
STA. 606+50.00 TO STA. 608+40.00														
VAUGHN ROAD / VAUGHN CIRCLE														
STA. 503+96.96 TO STA 506+82.36														
STA. 506+92.36 TO STA. 508+15														

*REMOVAL OF WORK ZONE PAVEMENT MARKINGS INCLUDES REMOVAL OF SHORT-TERM MARKINGS PRIOR TO PLACEMENT OF PERMANENT STRIPING.

NOTES:

- 1) AT THE CONCLUSION OF STAGE 1B, THE PERM. PAVT MARKING SHALL BE INSTALLED ON WELSH DRIVE, KAUTZ ROAD AND VAUGHN ROAD (SEE PAVT MARKING & SIGNAGE PLAN).
- 2) AT THE CONCLUSION OF STAGE 2A, THE PERM. PAVT MARKING SHALL BE INSTALLED ON JAMESTOWN COURT(SEE PAVT MARKING & SIGNAGE PLAN).
- 3) AT THE CONCLUSION OF STAGE 2B, THE PERM. PAVT MARKING SHALL BE INSTALLED ON COUNTY LINE ROAD(SEE PAVT MARKING & SIGNAGE PLAN).
- 4) AT THE CONCLUSION OF STAGE 2D, THE PERM. PAVT MARKING SHALL BE INSTALLED ON VAUGHN CIRCLE (SEE PAVT MARKING & SIGNAGE PLAN).



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PLOT DATE = 6/5/2013	DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC SCHEDULE
(SHEET 3 OF 4)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	28
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63838	

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

PROFILE	DATE	BY
SUBMITTED		
PLOTTED		
GRADES CHECKED		
NOTE BOOK		
NO.		
STRUCTURE NOTATIONS CH/D		

LOCATION	WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)	WORK ZONE PAVEMENT MARKING PAVEMENT MARKING TAPE, TYPE III						SHORT-TERM PAVEMENT MARKING			TEMPORARY CONCRETE BARRIER (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER (FOOT)	IMPACT ATTENUATORS TEMPORARY (FULLY REDIRECTIVE), TEST LEVEL 2 (EACH)	IMPACT ATTENUATORS RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 2 (EACH)
		LETTERS AND SYMBOLS (SQ FT)	LINE - 4"		LINE - 6"		LINE - 24"	LETTERS & SYMBOLS WHITE (FOOT)	MEDIAN LINE YELLOW (FOOT)	LANE LINE WHITE (FOOT)				
			SOLID EDGE LINE WHITE (FOOT)	SOLID MEDIAN YELLOW (FOOT)	SOLID LANE LINE/ CROSS WALK WHITE (FOOT)	6' - 2' SKIP-DASH WHITE (FOOT)	SOLID STOP BAR WHITE (FOOT)							
STAGE 3														
EAST NEW YORK STREET														
STA. 143+70 TO STA. 160+92.13	2333	36.3	660	3338	185	50	27							
STA. 160+92.13 TO STA. 184+75.78	3133	72.6		4576	536	100	51							
STA. 184+75.78 TO STA 197+00.00	1104	36.3		2165	185	50	29							
KAUTZ / COUNTY LINE ROAD														
STA. 604+56.78 TO STA. 606+50.00*	15							28	16					
STA. 606+50.00 TO STA. 608+40.00	152													
VAUGHN ROAD / VAUGHN CIRCLE														
STA. 503+96.96 TO STA 506+82.36														
STA. 506+92.36 TO STA. 508+15	354													
STAGE 4														
EAST NEW YORK STREET														
STA. 143+70 TO STA. 160+92.13*	1806							219.2	156	420				
STA. 160+92.13 TO STA. 184+75.78*	2364							438.4		598				
STA. 184+75.78 TO STA 197+00.00*	1057							109.6		260				
KAUTZ / COUNTY LINE ROAD														
STA. 604+56.78 TO STA. 606+50.00														
STA. 606+50.00 TO STA. 608+40.00														
VAUGHN ROAD / VAUGHN CIRCLE														
STA. 503+96.96 TO STA 506+82.36														
STA. 506+92.36 TO STA. 508+15														
TOTAL	24925	689.7	58873		5415		574	3050			1170	1105	2	2

*REMOVAL OF WORK ZONE PAVEMENT MARKINGS INCLUDES REMOVAL OF SHORT-TERM MARKINGS PRIOR TO PLACEMENT OF PERMANENT STRIPING.

NOTES:

- 1) AT THE CONCLUSION OF STAGE 1B, THE PERM. PAVT MARKING SHALL BE INSTALLED ON WELSH DRIVE, KAUTZ ROAD AND VAUGHN ROAD (SEE PAVT MARKING & SIGNAGE PLAN).
- 2) AT THE CONCLUSION OF STAGE 2A, THE PERM. PAVT MARKING SHALL BE INSTALLED ON JAMESTOWN COURT(SEE PAVT MARKING & SIGNAGE PLAN).
- 3) AT THE CONCLUSION OF STAGE 2B, THE PERM. PAVT MARKING SHALL BE INSTALLED ON COUNTY LINE ROAD(SEE PAVT MARKING & SIGNAGE PLAN).
- 4) AT THE CONCLUSION OF STAGE 2D, THE PERM. PAVT MARKING SHALL BE INSTALLED ON VAUGHN CIRCLE (SEE PAVT MARKING & SIGNAGE PLAN).



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

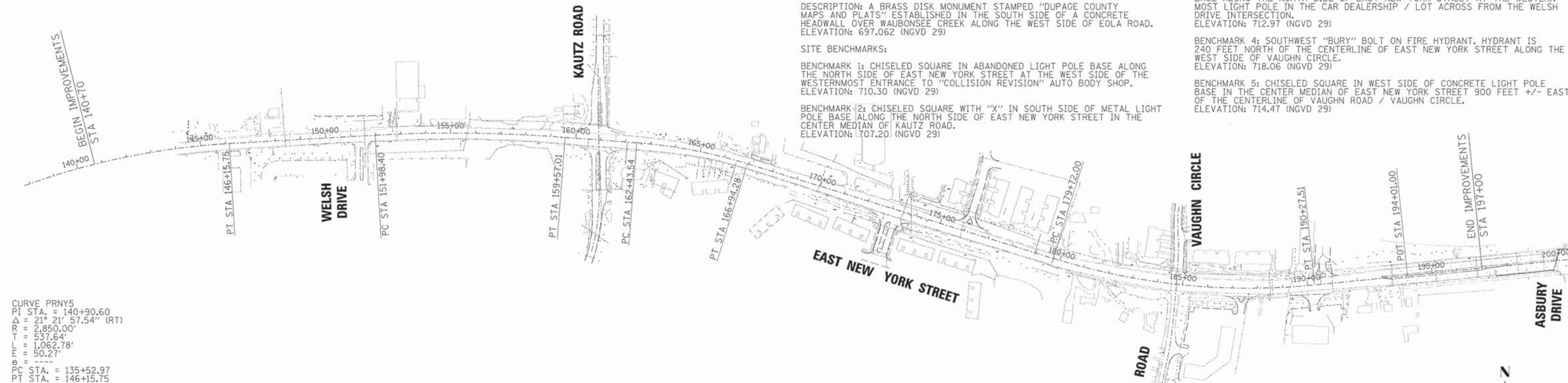
MAINTENANCE OF TRAFFIC SCHEDULE
(SHEET 4 OF 4)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	29
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63838	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	REVISIONS CHECKED	
	NO. OF SHEETS	
	DATE	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	REVISIONS CHECKED	
	NO. OF SHEETS	
	DATE	
	BY	
	NO.	



BENCHMARKS

SOURCE BENCHMARK: DUPAGE COUNTY BENCHMARK # NA30001

DESCRIPTION: A BRASS DISK MONUMENT STAMPED "DUPAGE COUNTY MAPS AND PLATS" ESTABLISHED IN THE SOUTH SIDE OF A CONCRETE HEADWALL OVER WAUBONSEE CREEK ALONG THE WEST SIDE OF EOLA ROAD. ELEVATION: 697.062 (NGVD 29)

SITE BENCHMARKS:

BENCHMARK 1: CHISELED SQUARE IN ABANDONED LIGHT POLE BASE ALONG THE NORTH SIDE OF EAST NEW YORK STREET AT THE WEST SIDE OF THE WESTERMOST ENTRANCE TO "COLLISION REVISION" AUTO BODY SHOP. ELEVATION: 710.30 (NGVD 29)

BENCHMARK 2: CHISELED SQUARE WITH "X" IN SOUTH SIDE OF METAL LIGHT POLE BASE ALONG THE NORTH SIDE OF EAST NEW YORK STREET IN THE CENTER MEDIAN OF KAUTZ ROAD. ELEVATION: 1707.20 (NGVD 29)

BENCHMARK 3: CHISELED SQUARE IN SOUTH SIDE OF CONCRETE LIGHT POLE BASE ALONG THE NORTH SIDE OF EAST NEW YORK STREET AT THE WESTERN MOST LIGHT POLE IN THE CAR DEALERSHIP / LOT ACROSS FROM THE WELSH DRIVE INTERSECTION. ELEVATION: 712.97 (NGVD 29)

BENCHMARK 4: SOUTHWEST "BURY" BOLT ON FIRE HYDRANT. HYDRANT IS 240 FEET NORTH OF THE CENTERLINE OF EAST NEW YORK STREET ALONG THE WEST SIDE OF VAUGHN CIRCLE. ELEVATION: 718.06 (NGVD 29)

BENCHMARK 5: CHISELED SQUARE IN WEST SIDE OF CONCRETE LIGHT POLE BASE IN THE CENTER MEDIAN OF EAST NEW YORK STREET 900 FEET +/- EAST OF THE CENTERLINE OF VAUGHN ROAD / VAUGHN CIRCLE. ELEVATION: 714.47 (NGVD 29)

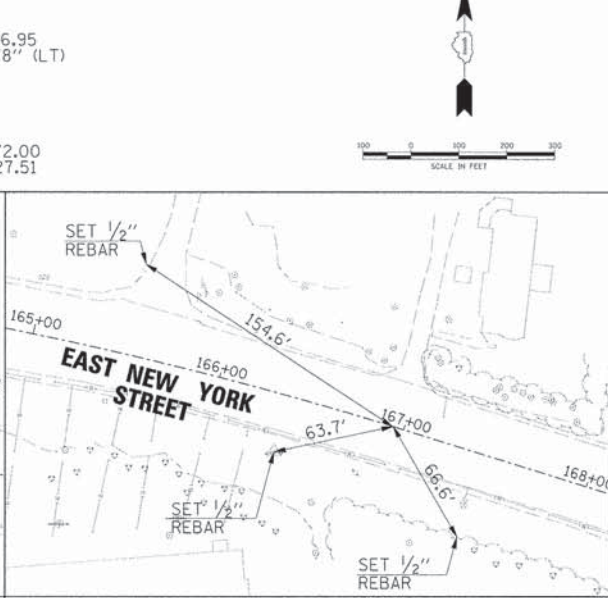
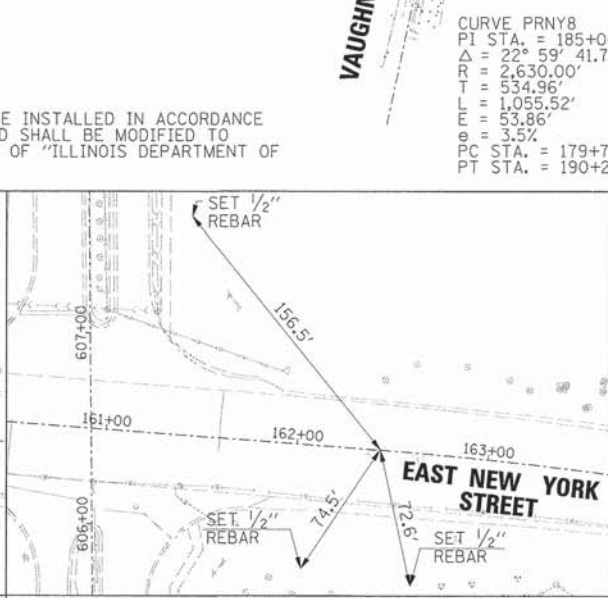
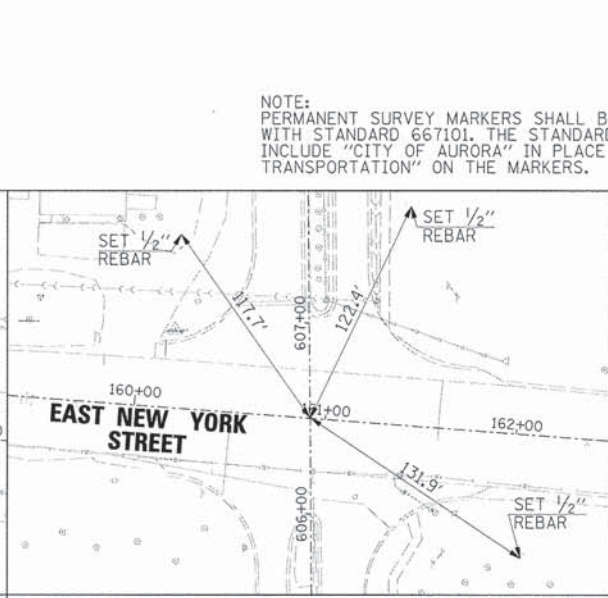
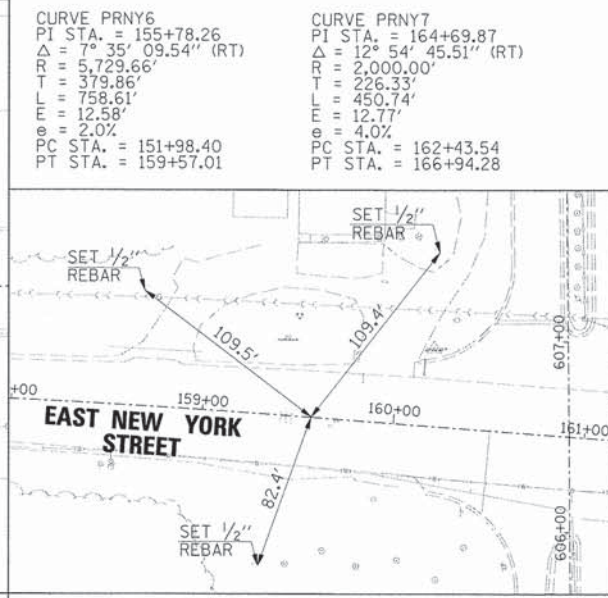
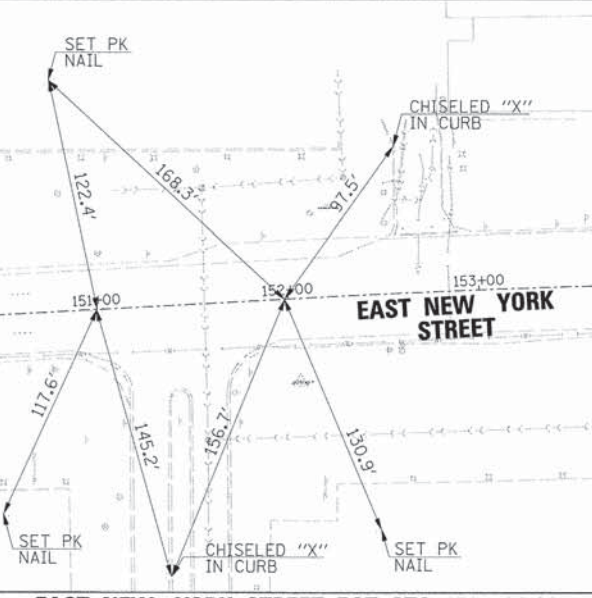
CURVE PRN5
 PI STA. = 140+90.60
 $\Delta = 21^{\circ} 21' 57.54''$ (RT)
 R = 2,850.00'
 T = 537.64'
 L = 1,062.78'
 E = 50.27'
 PC STA. = 135+52.97
 PT STA. = 146+15.75

CURVE PRN6
 PI STA. = 155+78.26
 $\Delta = 7^{\circ} 35' 09.54''$ (RT)
 R = 5,729.66'
 T = 379.86'
 L = 1,588.61'
 E = 12.58'
 $\theta = 2.0\%$
 PC STA. = 151+98.40
 PT STA. = 159+57.01

CURVE PRN7
 PI STA. = 164+69.87
 $\Delta = 12^{\circ} 54' 45.51''$ (RT)
 R = 2,000.00'
 T = 226.33'
 L = 450.74'
 E = 12.77'
 $\theta = 4.0\%$
 PC STA. = 162+43.54
 PT STA. = 166+94.28

CURVE PRN8
 PI STA. = 185+06.95
 $\Delta = 22^{\circ} 59' 41.78''$ (LT)
 R = 2,630.00'
 T = 534.96'
 L = 1,055.52'
 E = 53.86'
 $\theta = 3.5\%$
 PC STA. = 179+72.00
 PT STA. = 190+27.51

NOTE: PERMANENT SURVEY MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 667101. THE STANDARD SHALL BE MODIFIED TO INCLUDE "CITY OF AURORA" IN PLACE OF "ILLINOIS DEPARTMENT OF TRANSPORTATION" ON THE MARKERS.



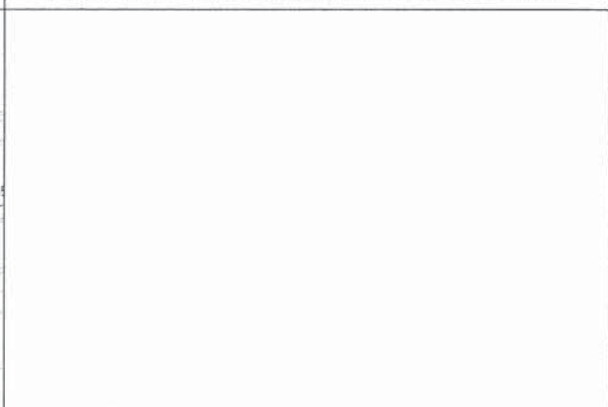
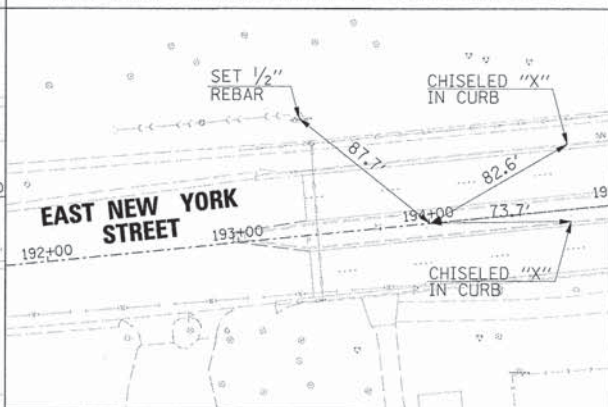
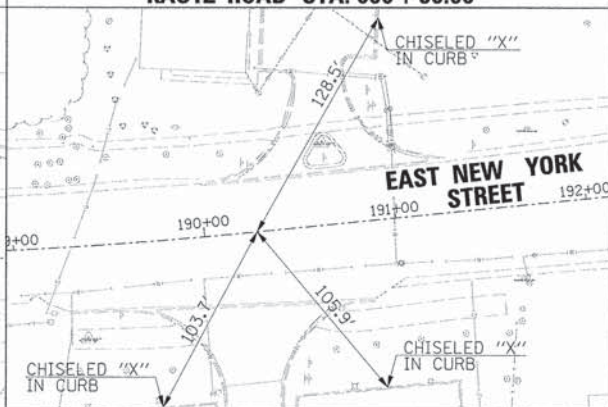
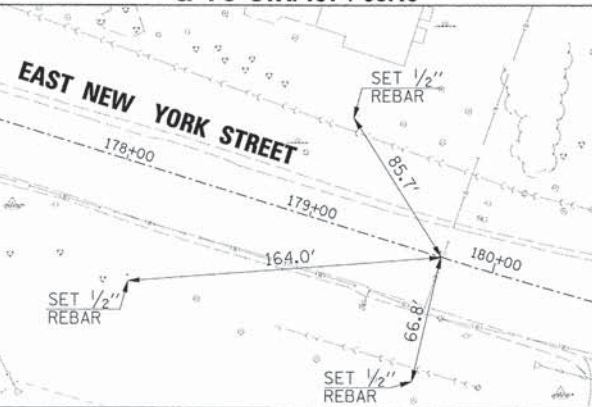
EAST NEW YORK STREET POT STA. 151+00.00 & PC STA. 151+98.40

EAST NEW YORK STREET PT STA. 159+57.01

EAST NEW YORK STREET STA. 160+92.13 KAUTZ ROAD STA. 606+50.00

EAST NEW YORK STREET PC STA. 162+43.54

EAST NEW YORK STREET PT STA. 166+94.28



EAST NEW YORK STREET PC STA. 179+72.00

EAST NEW YORK STREET STA. 184+75.78 VAUGHN ROAD STA. 506+92.36

EAST NEW YORK STREET PT STA. 190+27.51

EAST NEW YORK STREET POT STA. 194+01.00



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 PLOT DATE = 6/4/2013

DESIGNED - JRS
 DRAWN - BAH
 CHECKED - APS
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REVISED - 11/01/2011
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

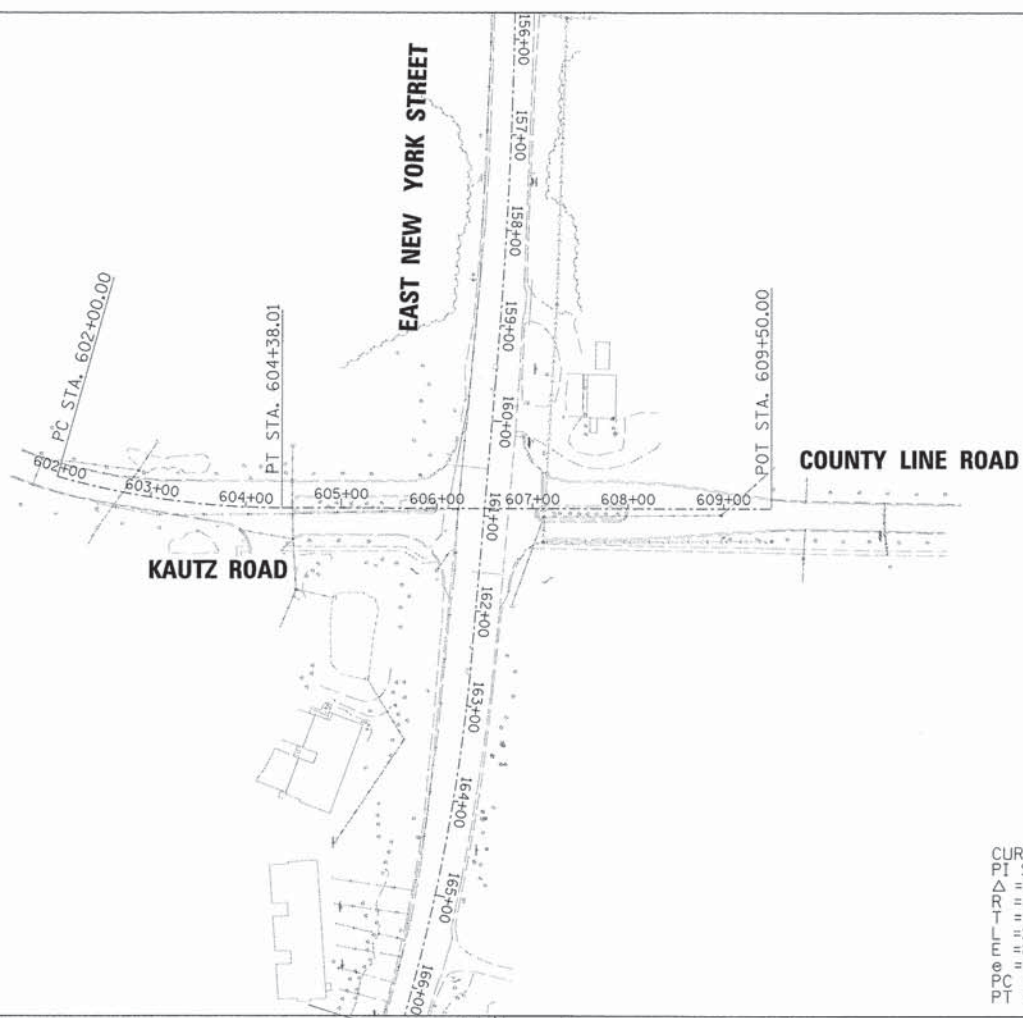
ALIGNMENT, TIES AND BENCHMARKS
 (SHEET 1 OF 2)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	30
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63838		

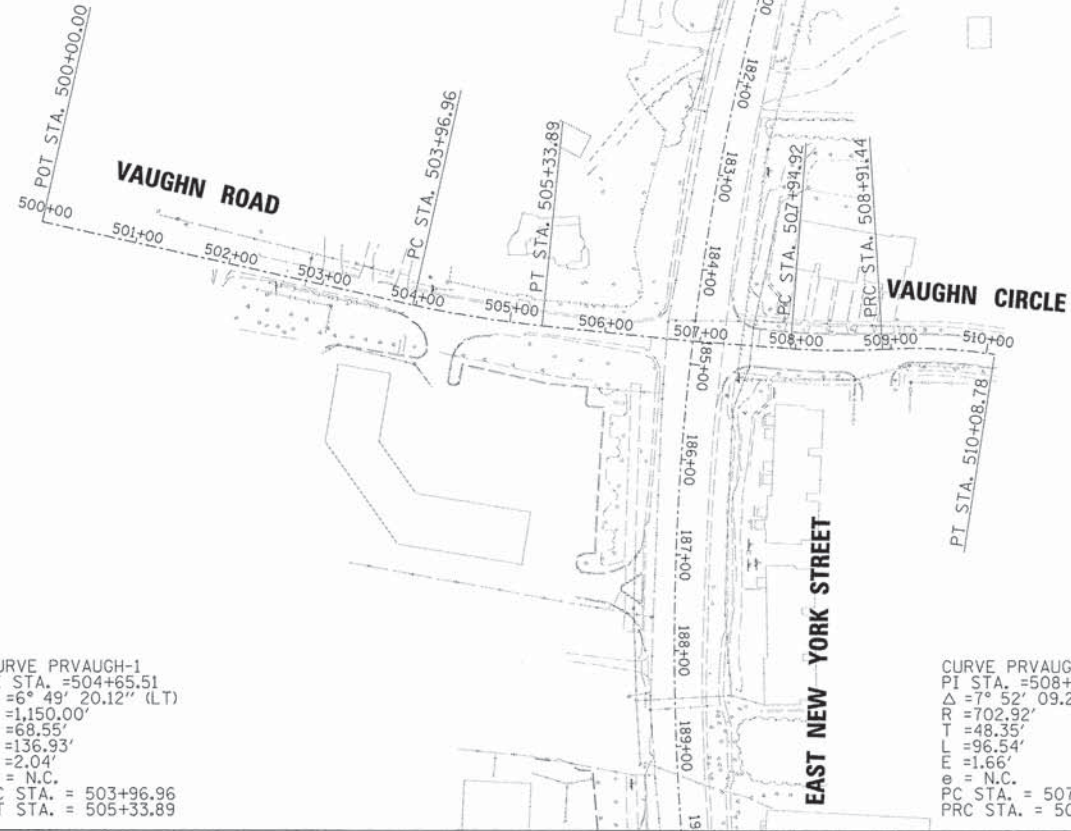
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	CADD FILE NAME	

PROFILE	REVISIONS	DATE
NO.	NO.	NO.
	REVISIONS	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK/NO	



CURVE PRKAUTZ-1
PI STA. = 603+19.76
 $\Delta = 15^\circ 46' 21.42''$ (LT)
R = 864.58'
T = 119.76'
L = 238.01'
E = 8.26'
@ = N.C.
PC STA. = 602+00.00
PT STA. = 604+38.01

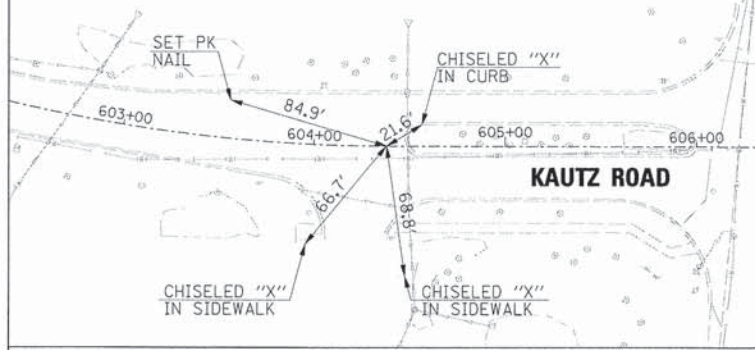
NOTE:
PERMANENT SURVEY MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD 667101. THE STANDARD SHALL BE MODIFIED TO INCLUDE "CITY OF AURORA" IN PLACE OF "ILLINOIS DEPARTMENT OF TRANSPORTATION" ON THE MARKERS.



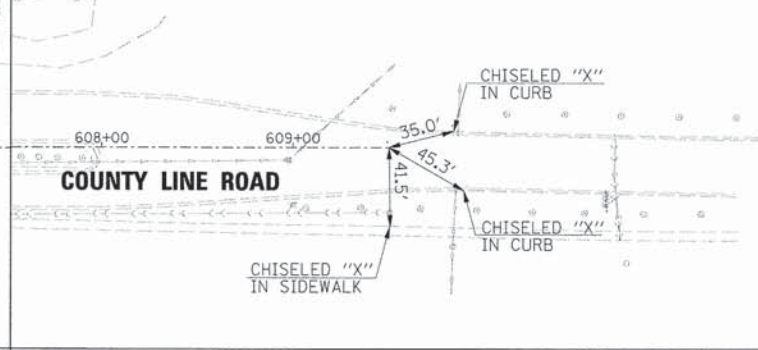
CURVE PRVAUGH-1
PI STA. = 504+65.51
 $\Delta = 6^\circ 49' 20.12''$ (LT)
R = 1,150.00'
T = 68.55'
L = 136.93'
E = 2.04'
@ = N.C.
PC STA. = 503+96.96
PT STA. = 505+33.89

CURVE PRVAUGH-2
PI STA. = 508+43.24
 $\Delta = 7^\circ 52' 09.25''$ (LT)
R = 702.92'
T = 48.35'
L = 96.54'
E = 1.66'
@ = N.C.
PC STA. = 507+94.92
PRC STA. = 508+91.44

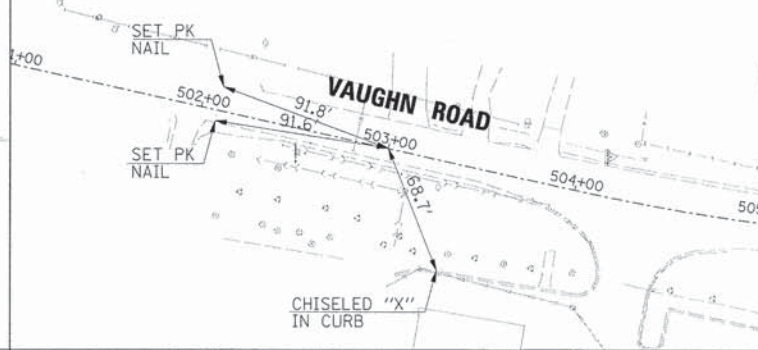
CURVE PRVAUGH-3
PI STA. = 509+50.33
 $\Delta = 12^\circ 13' 25.29''$ (RT)
R = 550.00'
T = 58.89'
L = 117.34'
E = 3.14'
@ = N.C.
PRC STA. = 508+91.44
PT STA. = 510+08.78



KAUTZ ROAD PT STA. 604 + 38.01



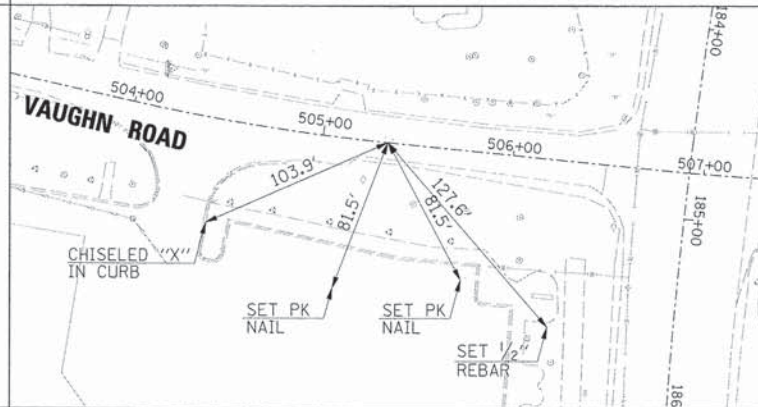
COUNTY LINE ROAD POT STA. 609 + 50.00



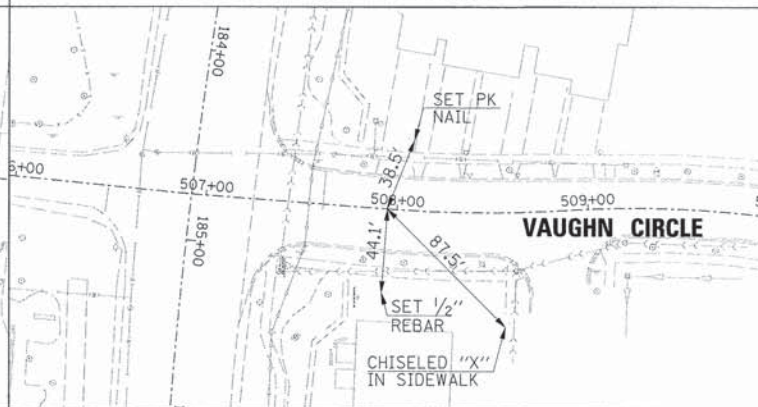
VAUGHN ROAD POT STA. 503 + 00.00



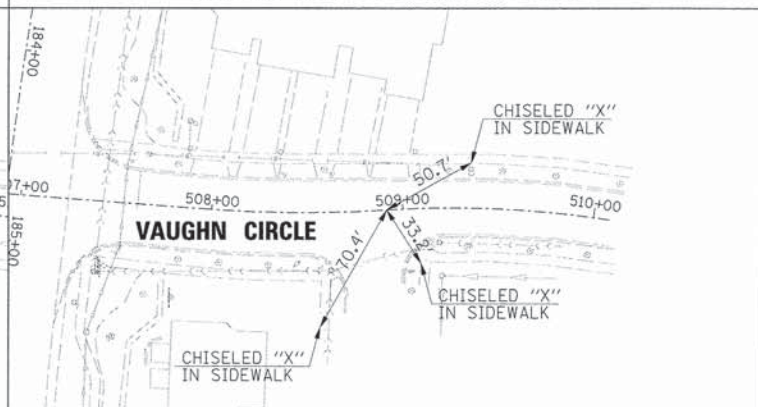
VAUGHN ROAD PC STA. 503 + 96.96



VAUGHN ROAD PT STA. 505 + 33.89



VAUGHN CIRCLE PC STA. 507 + 94.92



VAUGHN CIRCLE PRC STA. 508 + 91.44



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

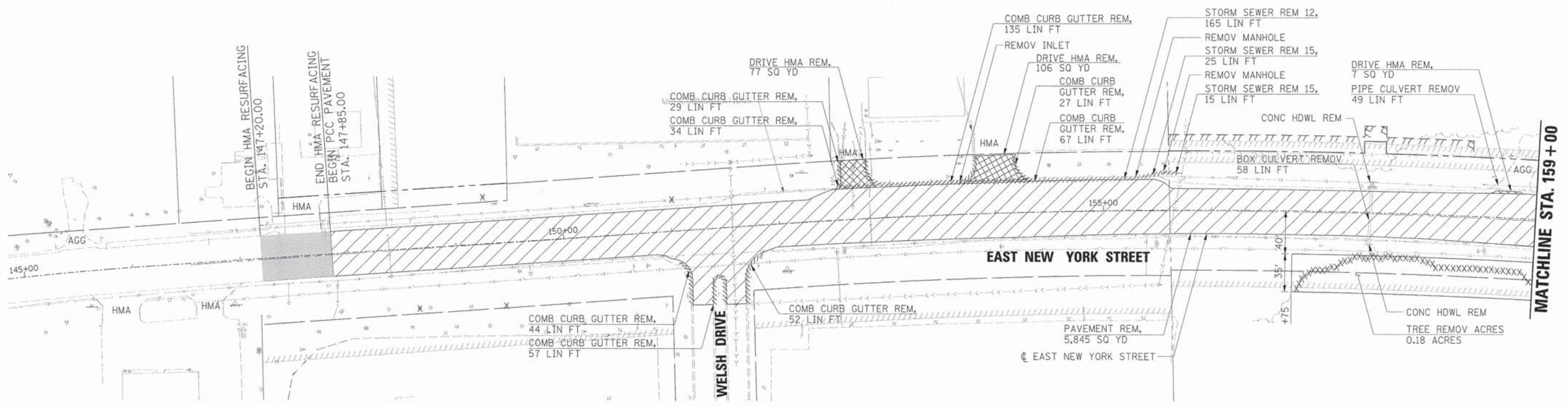
ALIGNMENT, TIES AND BENCHMARKS
(SHEET 2 OF 2)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

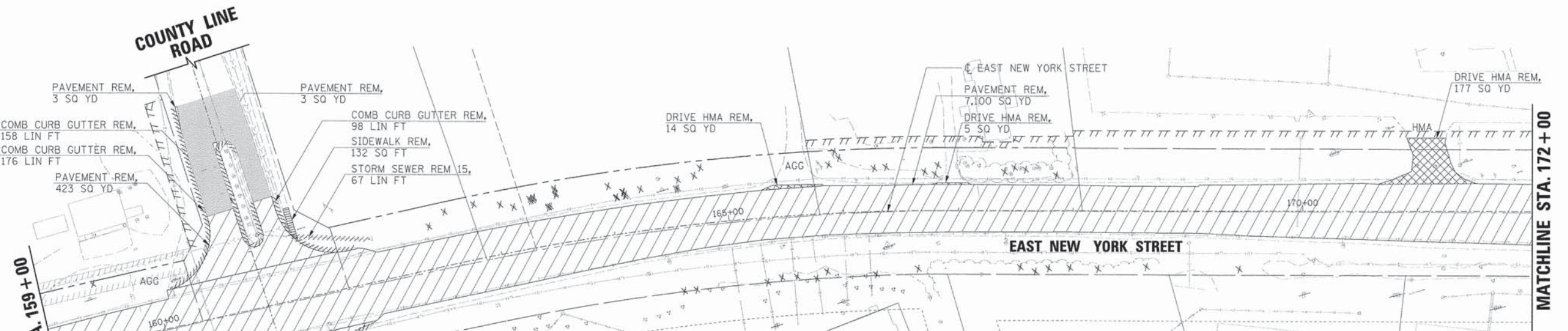
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	31
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	63838	



PLAN	REVISIONS	DATE
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	



PROFILE	REVISIONS	DATE
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	
NO.	NO.	



- NOTES:**
1. SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF EXISTING TRAFFIC EQUIPMENT.
 2. SEE TYPICAL SECTION SHEETS FOR THE HMA SURFACE REMOVAL AREAS.
 3. TREE REMOVALS AS SHOWN ON THE PLANS ARE SUGGESTED FOR CONSTRUCTIBILITY OF THE PROPOSED IMPROVEMENTS. ACTUAL TREE REMOVAL WILL BE VERIFIED AT THE TIME OF CONSTRUCTION AND THE ENGINEER RESERVES THE RIGHT TO ALTER PLAN TO SAVE TREES AND ADJUST THE LOCATION OF THE PROPOSED SIDEWALK AND/OR BIKE PATH AS NEEDED.
 4. PRIOR TO REMOVING THE EXISTING LIGHTING UNIT, THE CONTRACTOR SHALL CONTACT COM ED AND ARRANGE FOR A DISCONNECT.

REMOVAL PLAN LEGEND

— — — — —	EXISTING RIGHT-OF-WAY	■	HMA SURFACE REMOVAL
	EXISTING PERMANENT EASEMENT	□	CONCRETE MEDIAN SURFACE REMOVAL
	PROPOSED PERMANENT EASEMENT	▣	DRIVEWAY/SHOULDER REMOVAL
	PROPOSED TEMPORARY EASEMENT	▤	CONCRETE SIDEWALK/HMA PATH REMOVAL
- - - - -	PROPOSED RIGHT-OF-WAY	///	CURB & GUTTER REMOVAL
▨	PAVEMENT REMOVAL	X	TREE REMOVAL

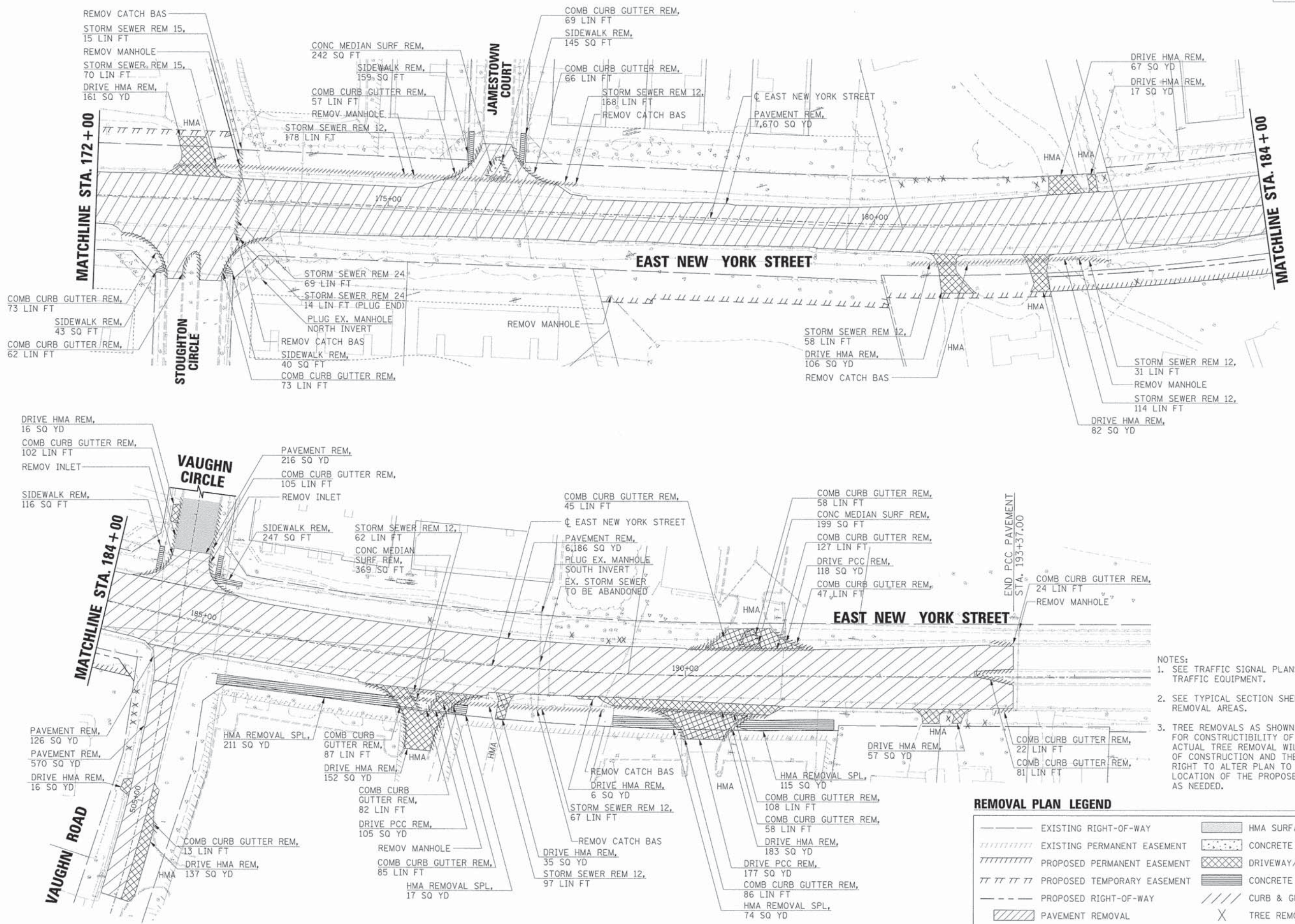


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PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
(SHEET 1 OF 2)**

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					1522	07-00210-01-PV	DUPAGE/KANE	167	32
					CONTRACT NO. 63838				
					ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 172+00

MATCHLINE STA. 184+00

MATCHLINE STA. 184+00

END PCC PAVEMENT STA. 193+37.00

- NOTES:
- SEE TRAFFIC SIGNAL PLANS FOR REMOVAL OF EXISTING TRAFFIC EQUIPMENT.
 - SEE TYPICAL SECTION SHEETS FOR THE HMA SURFACE REMOVAL AREAS.
 - TREE REMOVALS AS SHOWN ON THE PLANS ARE SUGGESTED FOR CONSTRUCTIBILITY OF THE PROPOSED IMPROVEMENTS. ACTUAL TREE REMOVAL WILL BE VERIFIED AT THE TIME OF CONSTRUCTION AND THE ENGINEER RESERVES THE RIGHT TO ALTER PLAN TO SAVE TREES AND ADJUST THE LOCATION OF THE PROPOSED SIDEWALK AND/OR BIKE PATH AS NEEDED.

REMOVAL PLAN LEGEND

	EXISTING RIGHT-OF-WAY		HMA SURFACE REMOVAL
	EXISTING PERMANENT EASEMENT		CONCRETE MEDIAN SURFACE REMOVAL
	PROPOSED PERMANENT EASEMENT		DRIVEWAY/SHOULDER REMOVAL
	PROPOSED TEMPORARY EASEMENT		CONCRETE SIDEWALK/HMA PATH REMOVAL
	PROPOSED RIGHT-OF-WAY		CURB & GUTTER REMOVAL
	PAVEMENT REMOVAL		TREE REMOVAL

DATE	BY

DATE	BY



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PLOT SCALE =	CHECKED = APS	REVISED =
PLOT DATE = 6/4/2013	DATE = 01/25/2013	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS
(SHEET 2 OF 2)**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. R.T.E. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63838	

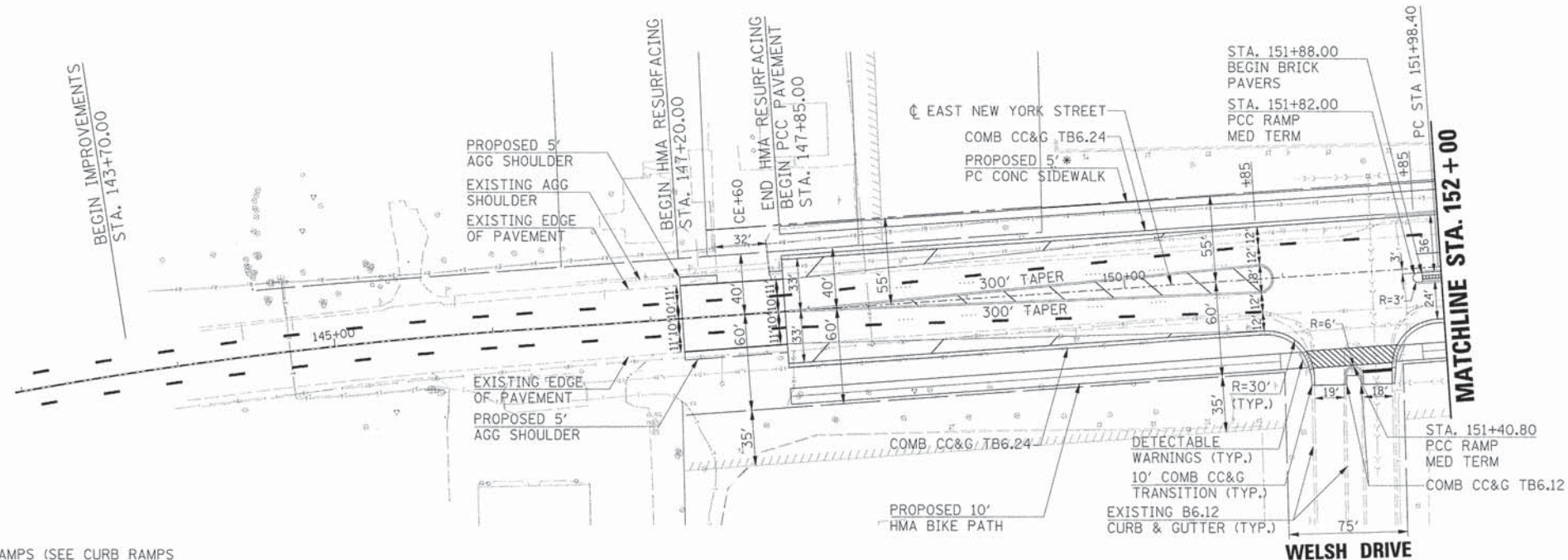


PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	
	BY	

CURVE PRNY-6
 PI STA. = 155+78.26
 $\Delta = 7^\circ 35' 09.54''$ (RT)
 $D = 0^\circ 59' 59.95''$
 $R = 5,729.66'$
 $T = 379.86'$
 $L = 758.61'$
 $E = 12.58'$
 $e = 2.0\% **$
 $T.R. = 47' **$
 $S.E. RUNOFF = 47' **$
 PC STA. = 151+98.40
 PT STA. = 159+57.01

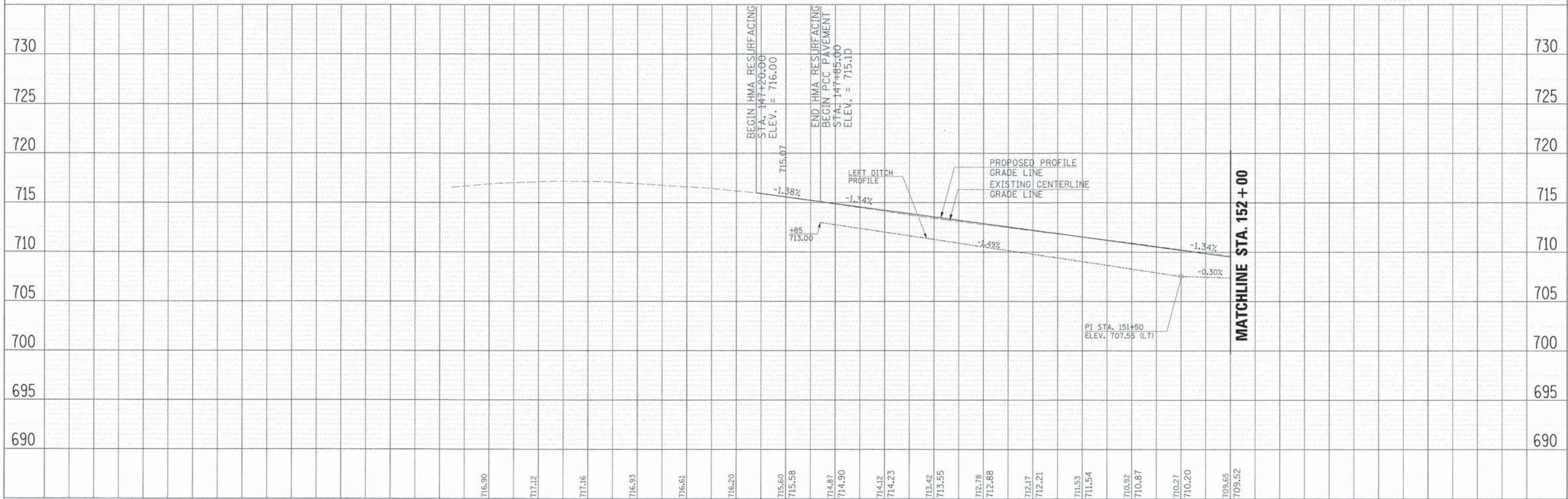
* 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).
 ** THE SUPERELEVATION RATE OF 2.0% SHALL BE EXTENDED FROM THE DEPARTURE OF CURVE PRNY-6, THROUGH THE KAUTZ ROAD INTERSECTION TO STA. 162+24. THE SUPERELEVATION TRANSITION FOR CURVE PRNY-7 SHALL BEGIN AT STA. 162+24 (SEE SUPERELEVATION TRANSITION DETAIL).



EAST NEW YORK STREET

LEGEND

- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
- INDICATES AREAS OF DEPRESSED CURB
- INDICATES AREAS OF BRICK PAVERS
- EXISTING R.O.W.
- PROPOSED R.O.W.
- EX./PR. TEMPORARY EASEMENT
- EX./PR. PERMANENT EASEMENT



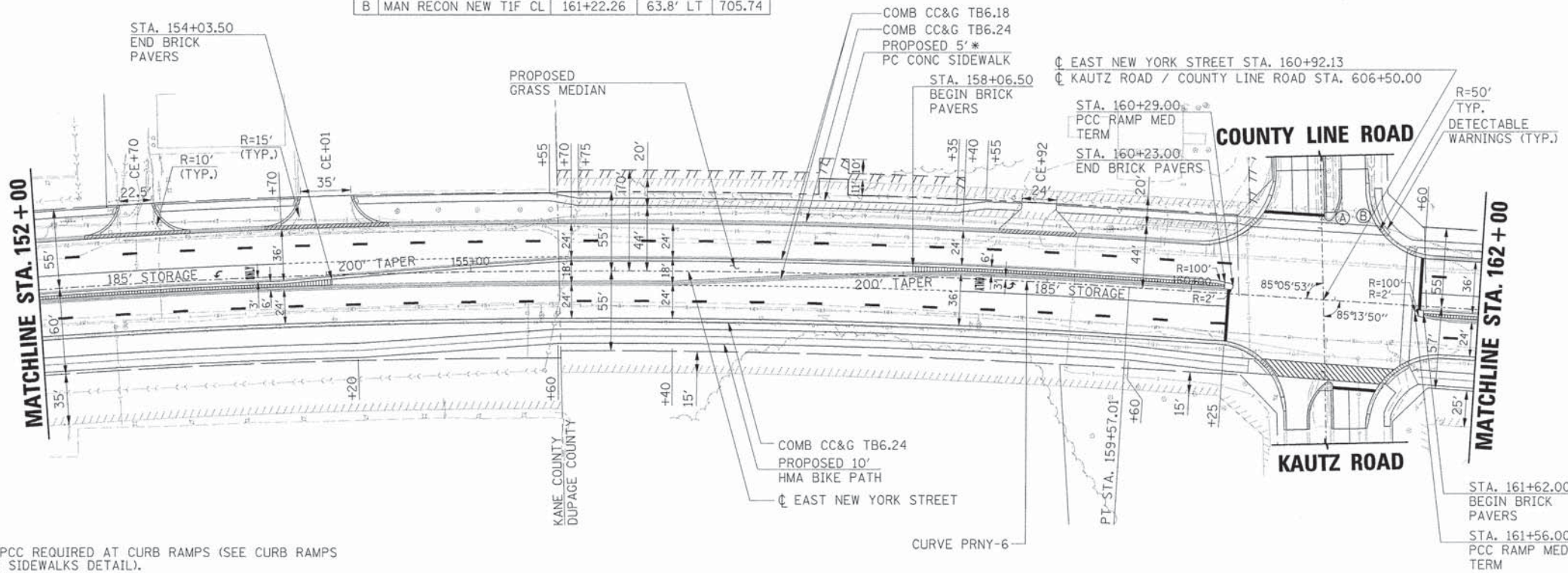
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FILE NAME = 604_pnp01_rpd.dgn	DRAWN = BAH	REVISED =
PLOT SCALE =	CHECKED = APS	REVISED =
PLOT DATE = 6/4/2013	DATE = 01/25/2013	REVISED =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 EAST NEW YORK STREET
 STA. 147+20.00 TO STA. 152+00.00

F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 34
FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 63838		

STRUCTURE ADJUSTMENTS	STATION	OFFSET	RIM
A MAN ADJ NEW TIF CL	160+95.60	62.4' LT	706.10
B MAN RECON NEW TIF CL	161+22.26	63.8' LT	705.74



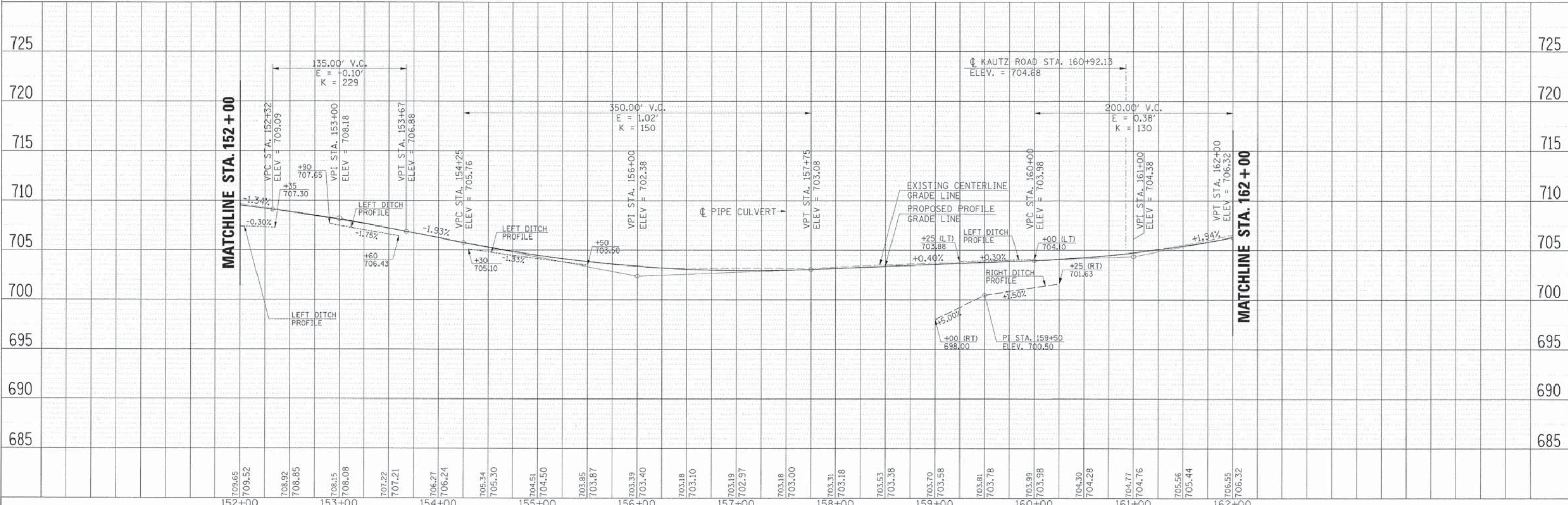
LEGEND

- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
- INDICATES AREAS OF DEPRESSED CURB
- INDICATES AREAS OF BRICK PAVERS
- EXISTING R.O.W.
- PROPOSED R.O.W.
- EX./PR. TEMPORARY EASEMENT
- EX./PR. PERMANENT EASEMENT

CURVE PRNY-6
 PI STA. = 155+78.26
 $\Delta = 7^{\circ} 35' 09.54''$ (RT)
 $D = 0^{\circ} 59' 59.95''$
 $R = 5,729.66'$
 $T = 379.86'$
 $L = 758.61'$
 $e = 12.58'$
 $\text{S.E. RUNOFF} = 47''$
 PC STA. = 151+98.40
 PT STA. = 159+57.01

* 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).
 ** THE SUPERELEVATION RATE OF 2.0% SHALL BE EXTENDED FROM THE DEPARTURE OF CURVE PRNY-6, THROUGH THE KAUTZ ROAD INTERSECTION TO STA. 162+24. THE SUPERELEVATION TRANSITION FOR CURVE PRNY-7 SHALL BEGIN AT STA. 162+24 (SEE SUPERELEVATION TRANSITION DETAIL).

EAST NEW YORK STREET



USER NAME	DESIGNED	REVISION	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
gchris	JRS	11/01/2011												
BAH														
APS														

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
EAST NEW YORK STREET
STA. 152+00.00 TO STA. 162+00.00

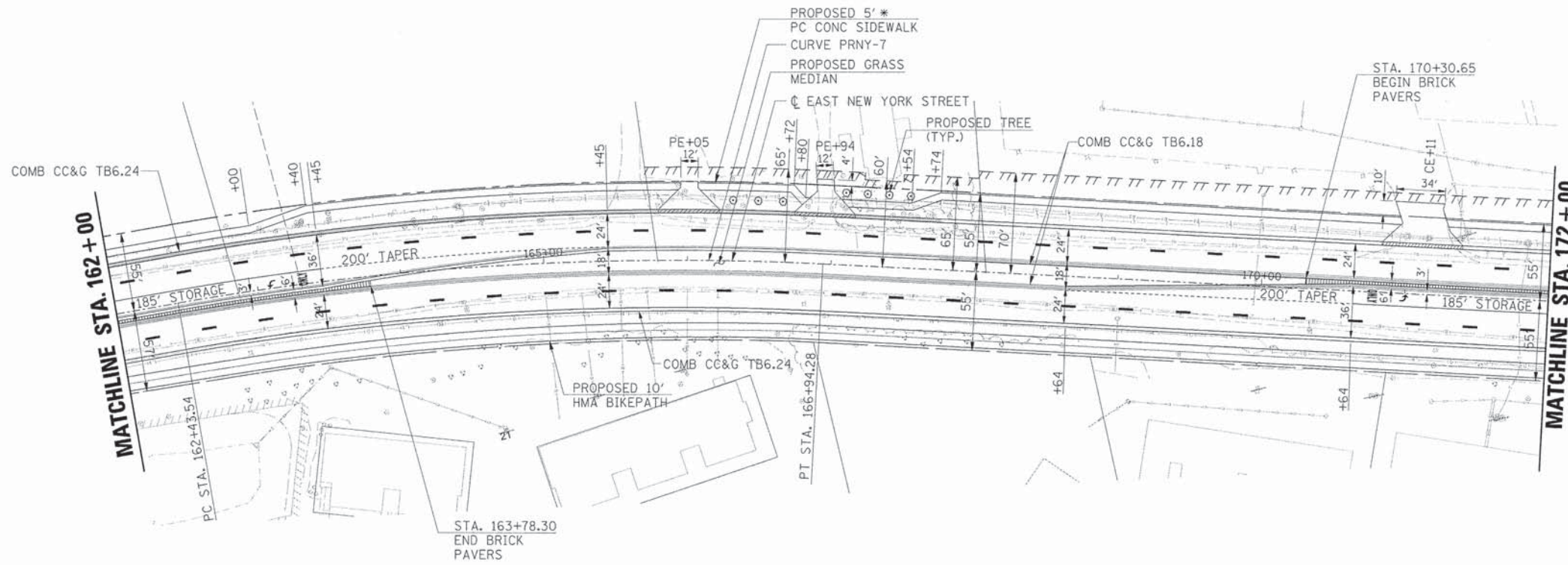
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	35
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63838	



DATE	
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CURVE PRNY-7
 PI STA. = 164+69.87
 $\Delta = 12^\circ 54' 45.51''$ (RT)
 $D = 2^\circ 51' 53.24''$
 $R = 2,000.00'$
 $T = 226.33'$
 $L = 450.74'$
 $E = 12.77'$
 $\theta = 4.0\%$
 $T.R. = 41'$
 $S.E. RUNOFF = 122'$
 PC STA. = 162+43.54
 PT STA. = 166+94.28

* 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).

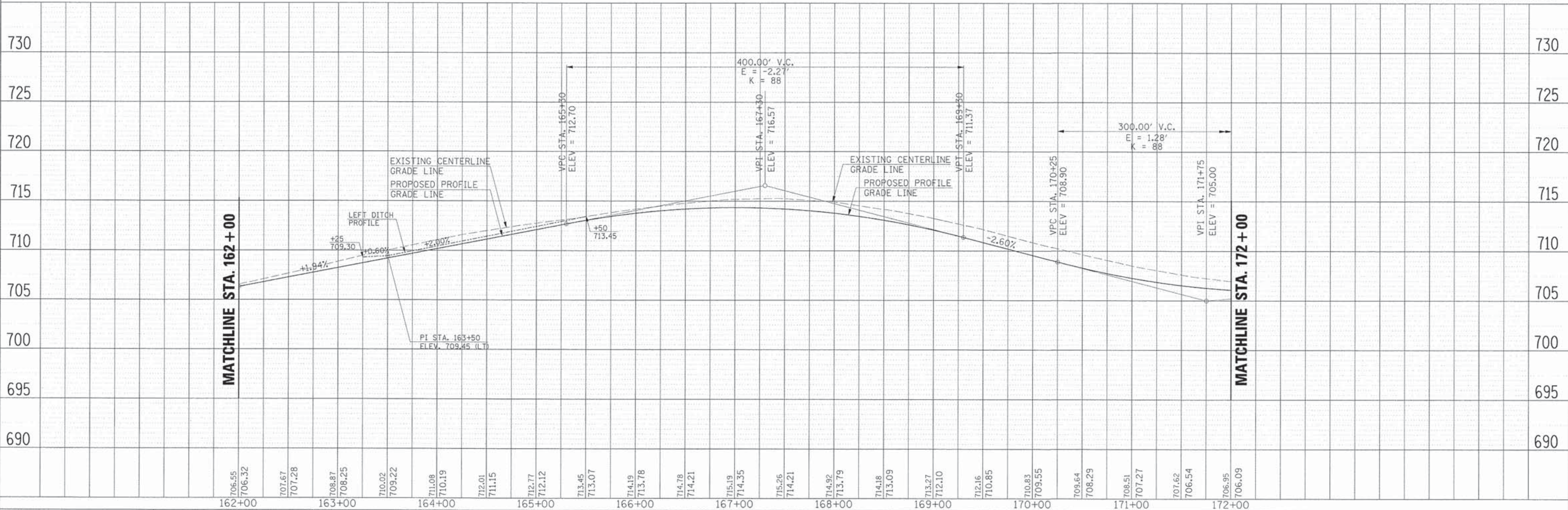


LEGEND

- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
- INDICATES AREAS OF DEPRESSED CURB
- INDICATES AREAS OF BRICK PAVERS
- EXISTING R.O.W.
- PROPOSED R.O.W.
- EX./PR. TEMPORARY EASEMENT
- EX./PR. PERMANENT EASEMENT

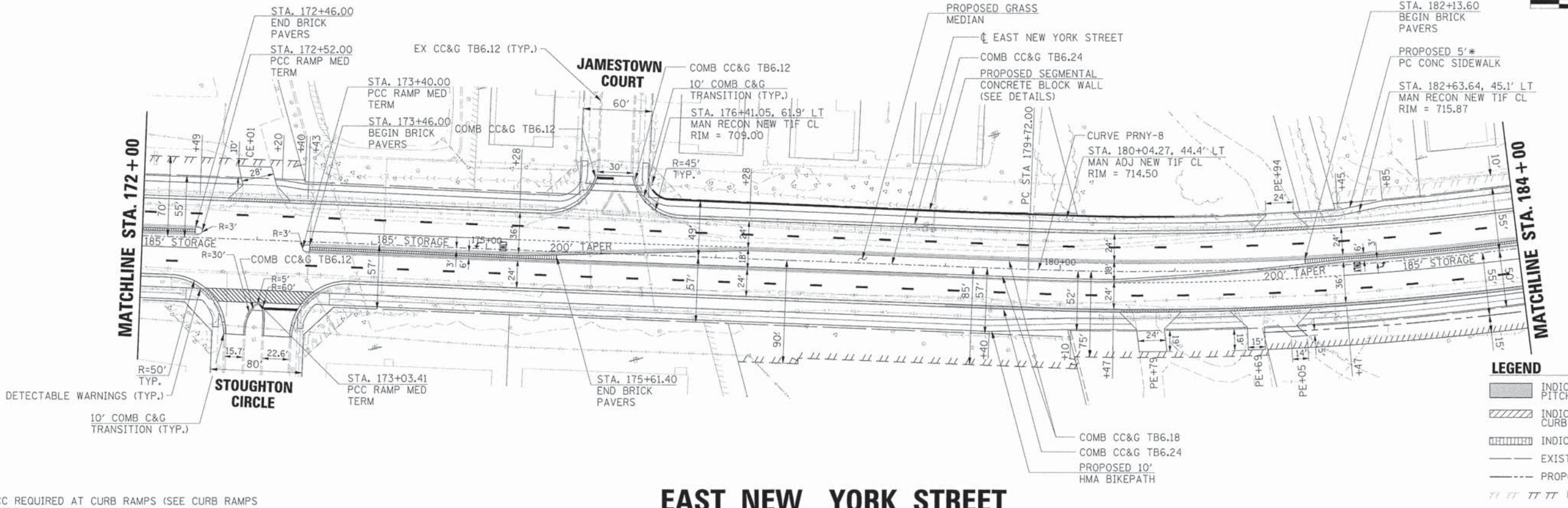
EAST NEW YORK STREET

DATE	
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HRGreen.com Illinois Professional Design Firm # 184-001322	USER NAME = gchris FILE NAME = 604_pnp03.ny.dgn PLOT SCALE = PLOT DATE = 6/4/2013	DESIGNED - JRS DRAWN - BAH CHECKED - APS DATE - 01/25/2013	REVISED - 11/01/2011 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PLAN AND PROFILE EAST NEW YORK STREET STA. 162+00.00 TO STA. 172+00.00				F.A.U. RTE. 1522 SECTION 07-00210-01-PV COUNTY DUPAGE/KANE TOTAL SHEETS 167 SHEET NO. 36 CONTRACT NO. 63838
	SCALE: SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							

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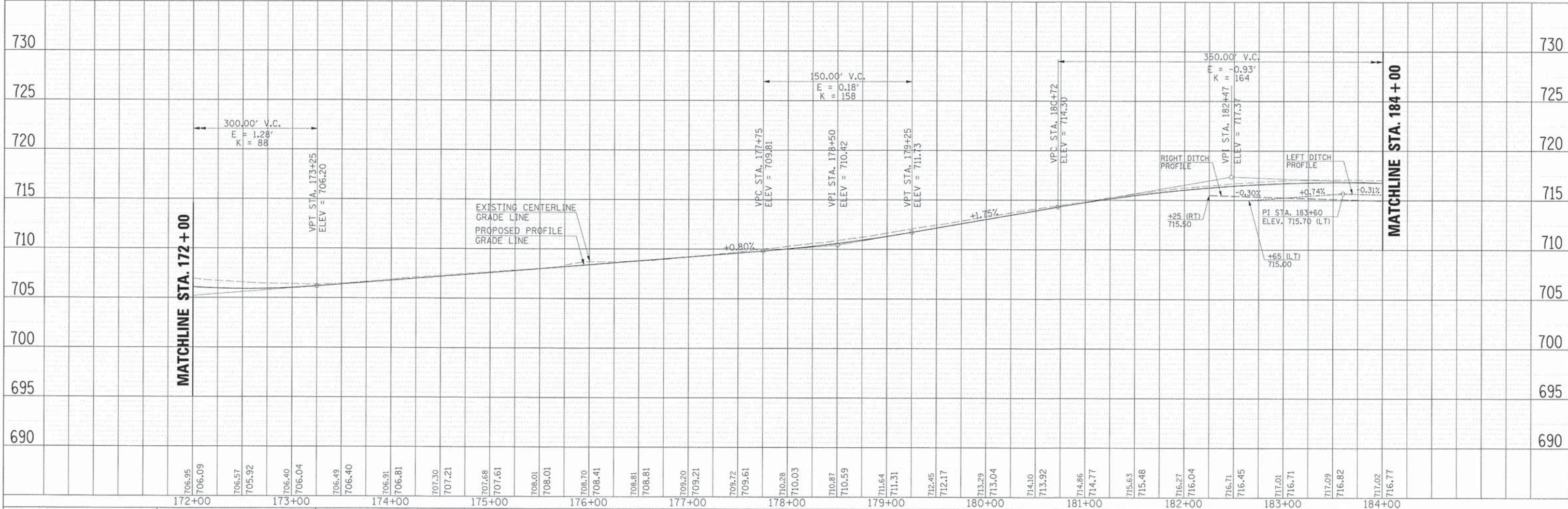
CURVE PRN-8
 PI STA. = 185+06.95
 $\Delta = 22^{\circ} 59' 41.78''$ (LT)
 $D = 2^{\circ} 10' 42.77''$
 $R = 2,630.00'$
 $T = 534.96'$
 $L = 1,055.52'$
 $E = 53.86'$
 $e = 3.5'$
 $T.R. = 43'$
 $S.E. RUNOFF = 107'$
 PC STA. = 179+72.00
 PT STA. = 190+27.51

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT

* 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).

EAST NEW YORK STREET

PROFILE	DATE
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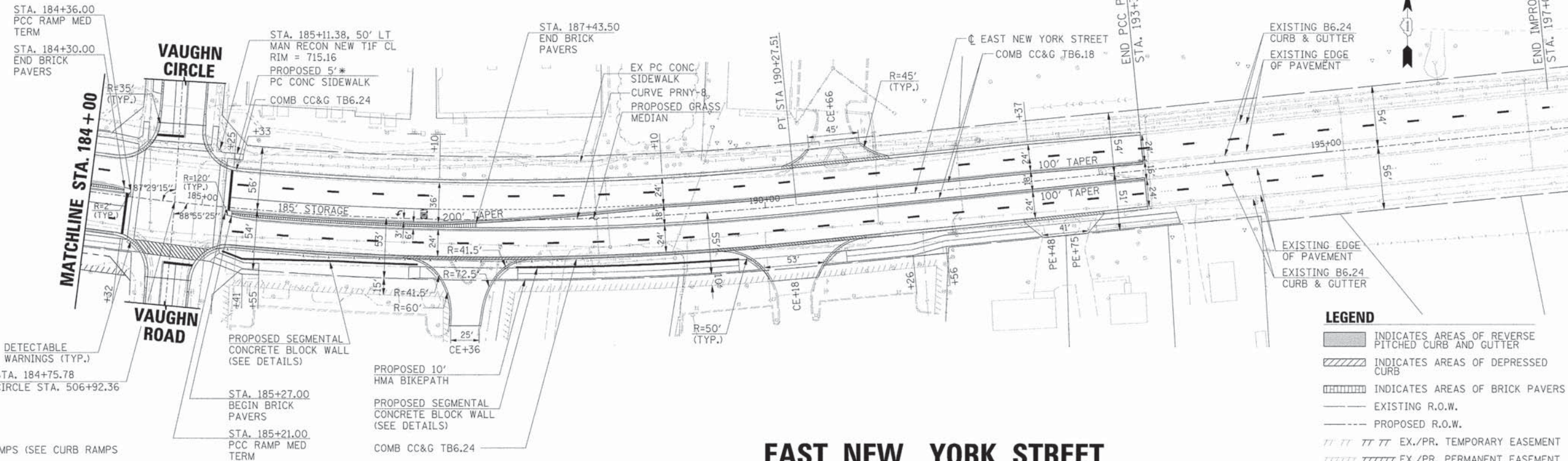
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CURVE PRNY-8
 PI STA. = 185+06.95
 $\Delta = 22^\circ 59' 41.78''$ (LT)
 $D = 2^\circ 10' 42.77''$
 $R = 2,630.00'$
 $T = 534.96'$
 $L = 1,055.52'$
 $E = 53.86'$
 $\theta = 3.5%$
 $T.R. = 43'$
 $S.E. RUNOFF = 107'$
 $PC STA. = 179+72.00$
 $PT STA. = 190+27.51$

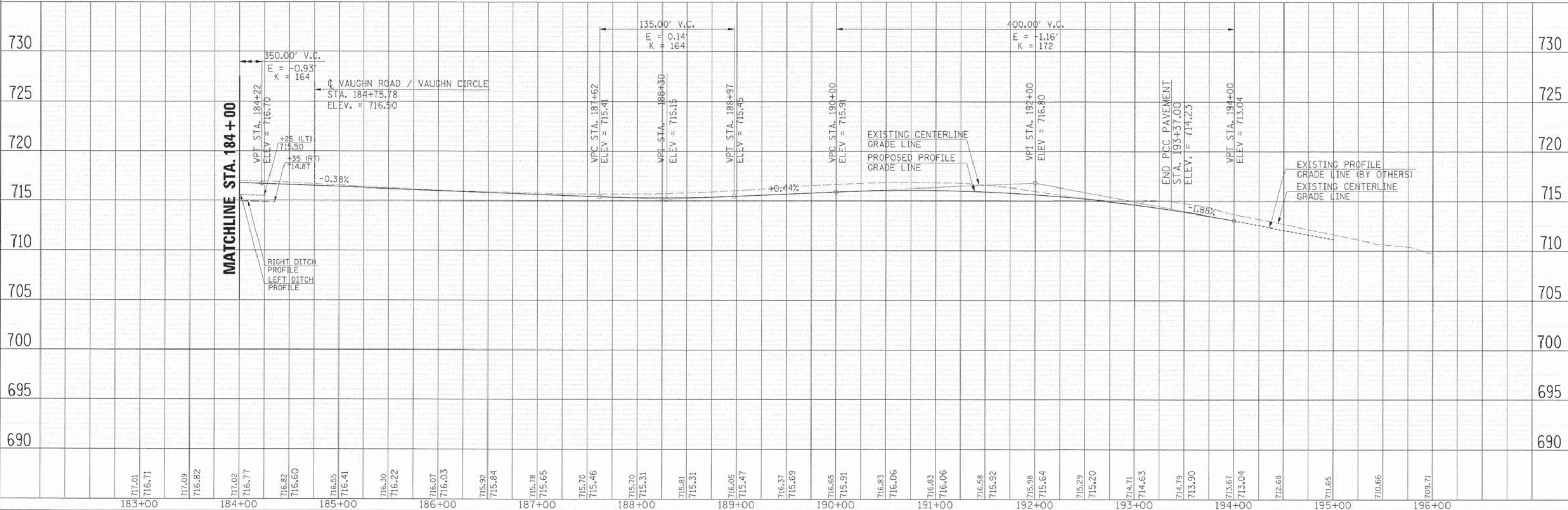


PLAN	SUBMITTED	DATE
	PLOTTED	
	REVISIONS	
	NO. 1	
	NO. 2	
	NO. 3	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	REVISIONS	
	NO. 1	
	NO. 2	
	NO. 3	



EAST NEW YORK STREET



183+00	184+00	185+00	186+00	187+00	188+00	189+00	190+00	191+00	192+00	193+00	194+00	195+00	196+00																																				
717.01	716.71	717.09	716.82	717.02	716.77	716.82	716.60	716.55	716.41	716.30	716.22	716.07	716.03	715.92	715.84	715.78	715.65	715.70	715.46	715.70	715.31	715.81	715.31	716.05	715.47	716.37	715.69	716.65	715.91	716.83	716.06	716.83	716.06	716.58	715.92	715.98	715.64	715.29	715.20	714.71	714.63	714.79	713.90	713.67	713.04	712.68	711.65	710.66	709.71

HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

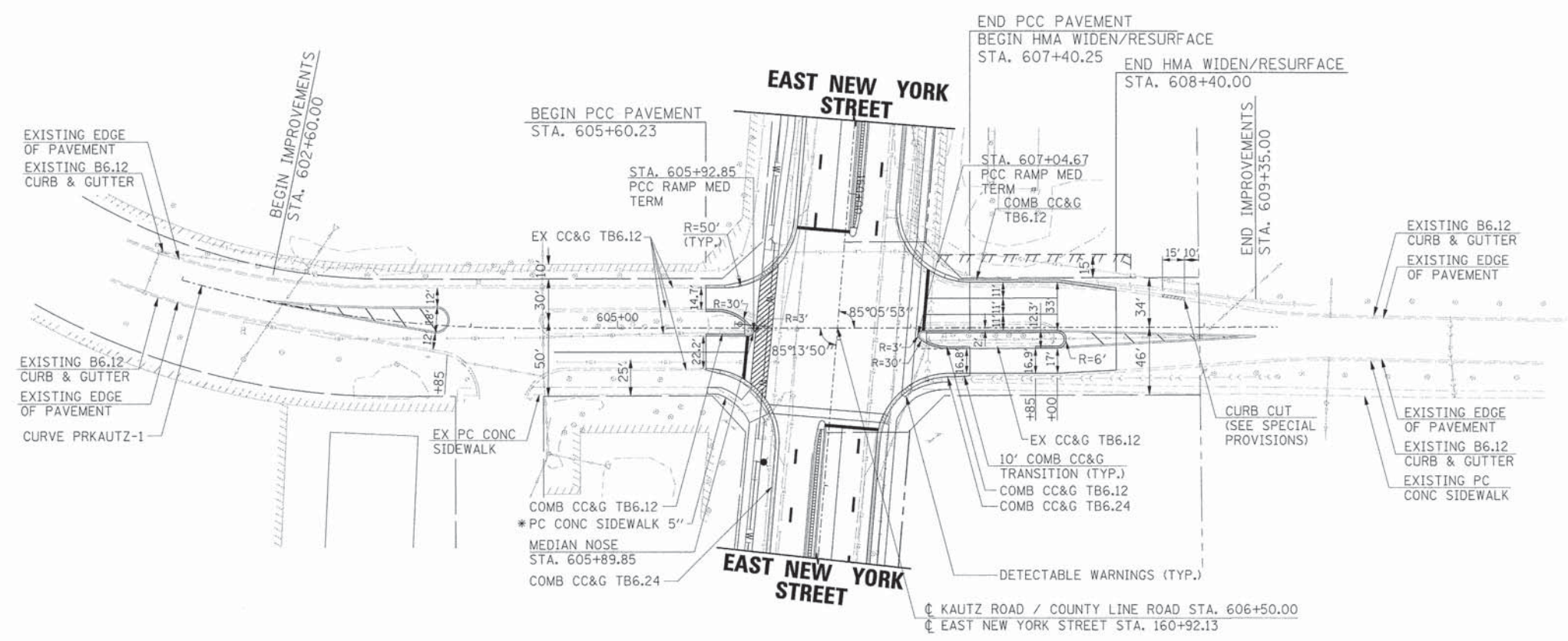
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PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
	1522	07-00210-01-PV

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	38
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63838		

PLAN AND PROFILE
EAST NEW YORK STREET
STA. 184+00.00 TO STA. 193+37.00

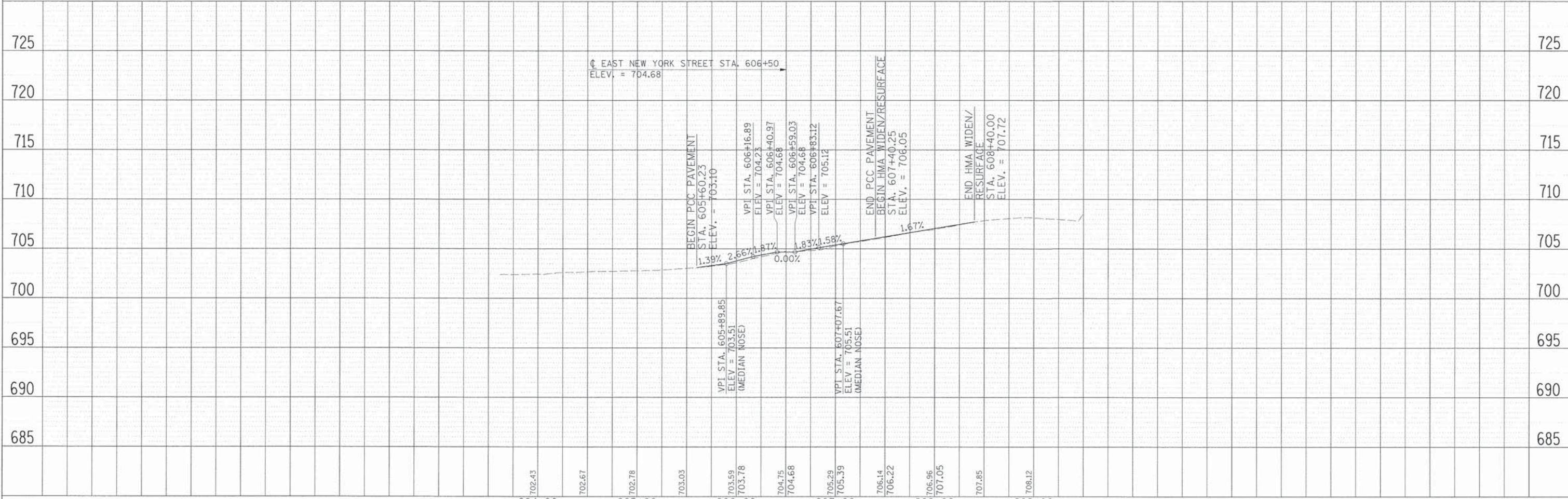


CURVE PRKAUTZ-1
 PI STA. = 603+19.76
 $\Delta = 15^\circ 46' 21.42''$ (LT)
 $D = 6^\circ 37' 37.17''$
 $R = 864.58'$
 $T = 119.76'$
 $L = 238.01'$
 $e = 8.26'$
 $\theta =$ N.C.
 PC STA. = 602+00.00
 PT STA. = 604+38.01

* 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT

KAUTZ ROAD / COUNTY LINE ROAD



PLAN	BY	DATE
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PROFILE	BY	DATE
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NO.		

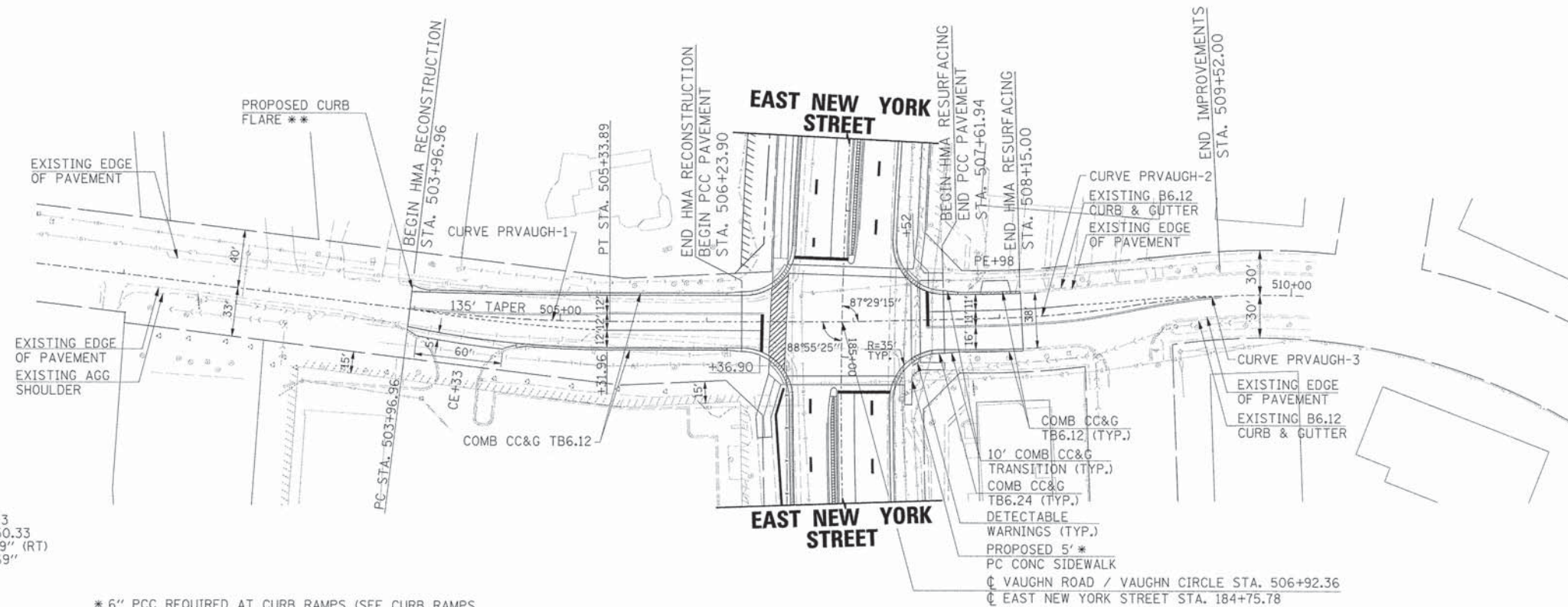
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	SCALE: SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

CURVE PRVAUGH-1
 PI STA. = 504+65.51
 $\Delta = 6^\circ 49' 20.12''$ (LT)
 $D = 4^\circ 58' 56.07''$
 $R = 1,150.00'$
 $T = 68.55'$
 $L = 136.93'$
 $E = 2.04'$
 $e = N.C.$
 PC STA. = 503+96.96
 PT STA. = 505+33.89

CURVE PRVAUGH-2
 PI STA. = 508+43.25
 $\Delta = 7^\circ 52' 03.57''$ (LT)
 $D = 8^\circ 09' 04.14''$
 $R = 702.92'$
 $T = 48.34'$
 $L = 96.52'$
 $E = 1.66'$
 $e = N.C.$
 PC STA. = 507+94.92
 PCC STA. = 508+91.44

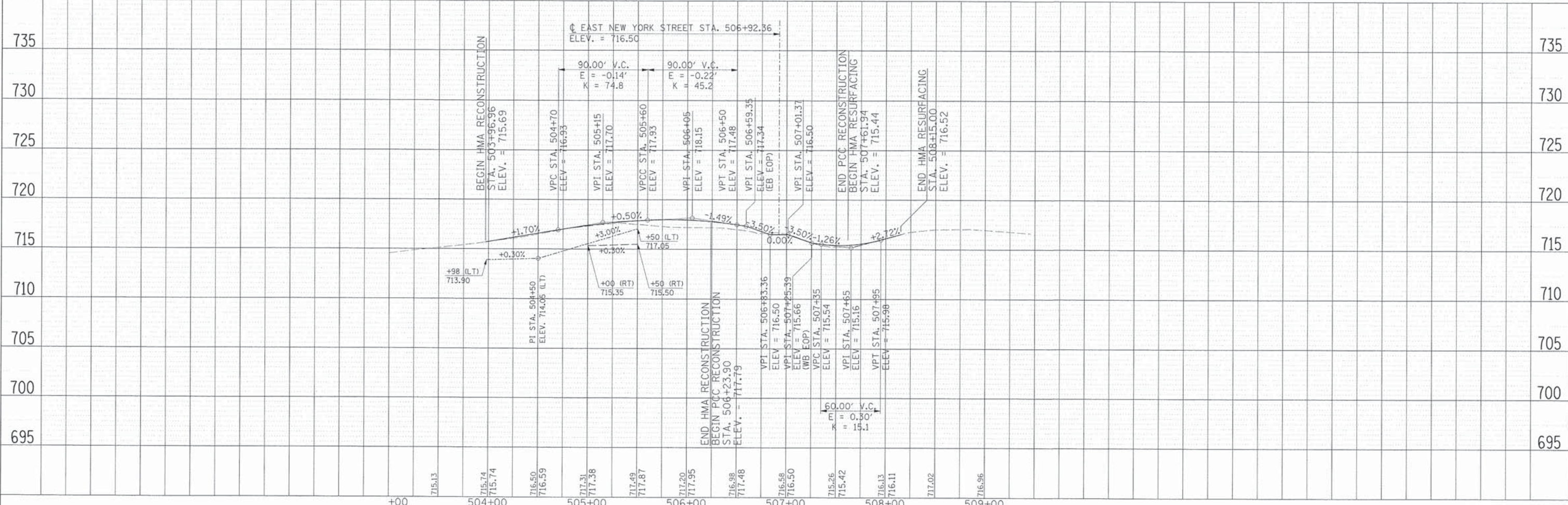
CURVE PRVAUGH-3
 PI STA. = 509+50.33
 $\Delta = 12^\circ 13' 25.29''$ (RT)
 $D = 10^\circ 25' 02.69''$
 $R = 550.00'$
 $T = 58.89'$
 $L = 117.34'$
 $E = 3.14'$
 $e = N.C.$
 PC STA. = 508+91.44
 PT STA. = 510+08.78

* 6" PCC REQUIRED AT CURB RAMPS (SEE CURB RAMPS FOR SIDEWALKS DETAIL).
 ** CURB FLARES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606201-02.



- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT

VAUGHN ROAD / VAUGHN CIRCLE



PLAN	NO.	DATE
REVISION	BY	DATE
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CHECKED	BY	DATE
APPROVED	BY	DATE

PROFILE	NO.	DATE
REVISION	BY	DATE
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APPROVED	BY	DATE

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	SCALE: SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

PRE-STAGE

1. REMOVE THE EXISTING BOX CULVERT AND CONSTRUCT THE CROSSROAD PIPES AT STA. 157+50. THE WORK ASSOCIATED WITH THE BOX CULVERT REMOVAL, PIPE INSTALLATION AND PATCHING OPERATIONS SHALL BE COMPLETED UNDER TRAFFIC IN ACCORDANCE WITH STANDARD 701606.
2. CONSTRUCT TEMPORARY PAVEMENT WIDENING AT LOCATIONS SHOWN ON THE STAGE 1A PLANS. THIS WORK SHALL BE COMPLETED UNDER TRAFFIC IN ACCORDANCE WITH STANDARD 701606.
3. INSTALL TEMPORARY TRAFFIC SIGNALS WITH COVERED HEADS.

STAGE 1A

1. RELOCATE EAST NEW YORK STREET TRAFFIC TO NORTH SIDE OF EXISTING ROADWAY AND TEMPORARY PAVEMENT (ONE LANE IN EACH DIRECTION).
2. TEMPORARILY CLOSE THE SOUTH LEG OF THE INTERSECTION AT STOUGHTON CIRCLE.
3. ACTIVATE TEMPORARY TRAFFIC SIGNALS.
4. SAWCUT AND REMOVE EXISTING PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT EASTBOUND TRAVEL LANES. GAP WORK AT INTERSECTIONS OF KAUTZ / COUNTY LINE ROAD AND VAUGHN ROAD / VAUGHN CIRCLE. BETWEEN OCTOBER 31ST AND MARCH 31ST, CONTRACTOR WILL ONLY BE PERMITTED TO REMOVE ENOUGH EXISTING PAVEMENT TO ALLOW FOR CONSTRUCTION OF PROPOSED UTILITIES, UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER.
5. REMOVE EXISTING TRAFFIC SIGNALS WHERE APPLICABLE.
6. CONSTRUCT PROPOSED STORM SEWER AND WATER MAIN WITHIN WORK ZONE AREA (SEE DRAINAGE AND WATER MAIN PLANS FOR LOCATIONS).
7. CONSTRUCT EASTBOUND THROUGH LANES AND PARKWAY FEATURES. GAP WORK AT INTERSECTIONS OF KAUTZ / COUNTY LINE ROAD AND VAUGHN ROAD / VAUGHN CIRCLE. WELSH DRIVE SHALL BE STAGED SO THAT ACCESS IS MAINTAINED AT ALL TIMES. THE STOUGHTON CIRCLE CLOSURE WILL BE RESTRICTED TO 21 CALENDAR DAYS.

STAGE 1B

1. MAINTAIN EAST NEW YORK STREET TRAFFIC PER STAGE 1A AND REMOVE THE WESTBOUND LEFT-TURN LANES AT KAUTZ / COUNTY LINE ROAD AND VAUGHN ROAD / VAUGHN CIRCLE.
2. TEMPORARILY CLOSE THE SOUTH LEG OF THE INTERSECTIONS AT BOTH KAUTZ / COUNTY LINE ROAD AND VAUGHN ROAD / VAUGHN CIRCLE.
3. MODIFY TEMPORARY TRAFFIC SIGNAL HEADS AS REQUIRED.
4. CONSTRUCT THE SOUTH LEG OF THE INTERSECTIONS AT BOTH KAUTZ / COUNTY LINE ROAD AND VAUGHN ROAD / VAUGHN CIRCLE. THE KAUTZ ROAD AND VAUGHN ROAD CLOSURES WILL BE RESTRICTED TO 21 CALENDAR DAYS.

STAGE 2A

1. RELOCATE EAST NEW YORK STREET TRAFFIC TO SOUTH SIDE OF ROADWAY.
2. MODIFY TEMPORARY TRAFFIC SIGNAL HEADS AS REQUIRED.
3. SAWCUT AND REMOVE EXISTING PAVEMENT AND APPURTENANCES REQUIRED TO CONSTRUCT WESTBOUND TRAVEL LANES. GAP WORK AT INTERSECTIONS OF KAUTZ / COUNTY LINE ROAD AND VAUGHN ROAD / VAUGHN CIRCLE.
4. CONSTRUCT PROPOSED STORM SEWER AND WATER MAIN WITHIN WORK ZONE AREA (SEE DRAINAGE AND WATER MAIN PLANS FOR LOCATIONS).
5. CONSTRUCT WESTBOUND THROUGH LANES AND PARKWAY FEATURES. GAP WORK AT INTERSECTIONS OF KAUTZ / COUNTY LINE ROAD AND VAUGHN ROAD / VAUGHN CIRCLE. JAMESTOWN COURT SHALL BE STAGED SO THAT ACCESS IS MAINTAINED AT ALL TIMES.

STAGES 2B-2D

1. SHIFT EASTBOUND AND WESTBOUND TRAFFIC ONTO PROPOSED EASTBOUND LANES CONSTRUCTED IN STAGE 1 AND REMOVE ALL EASTBOUND AND WESTBOUND LEFT-TURN LANES FROM WEST OF KAUTZ / COUNTY LINE ROAD TO EAST OF VAUGHN ROAD / VAUGHN CIRCLE.
2. TEMPORARILY CLOSE THE NORTH LEG OF THE INTERSECTION AT KAUTZ / COUNTY LINE ROAD.
3. MODIFY TEMPORARY TRAFFIC SIGNAL HEADS AS REQUIRED.
4. CONSTRUCT THE NORTH LEG OF THE INTERSECTIONS AT BOTH KAUTZ / COUNTY LINE ROAD AND VAUGHN ROAD / VAUGHN CIRCLE. THE WORK AT VAUGHN CIRCLE SHALL BE STAGED SO THAT ACCESS IS MAINTAINED AT ALL TIMES. THE COUNTY LINE ROAD CLOSURE WILL BE RESTRICTED TO 21 CALENDAR DAYS.

STAGE 3

1. SHIFT EAST NEW YORK STREET TRAFFIC TO THE PROPOSED OUTSIDE THROUGH LANES.
2. MODIFY TEMPORARY TRAFFIC SIGNAL HEADS AS REQUIRED.
3. SAWCUT AND REMOVE REMAINDER OF EXISTING PAVEMENT AND APPURTENANCES.
4. CONSTRUCT REMAINDER OF STORM SEWER WITHIN THE MEDIAN AREA.
5. CONSTRUCT MEDIAN AREA IN ITS ENTIRETY. CONSTRUCT GAP AREA IN WESTBOUND LANES AT EAST END OF PROJECT.
6. INSTALL PERMANENT TRAFFIC SIGNALS.

STAGE 4

1. RELOCATE EAST NEW YORK STREET TRAFFIC TO PERMANENT LANE ASSIGNMENTS AND ACTIVATE PERMANENT TRAFFIC SIGNALS.
2. INSTALL REMAINDER OF PERMANENT STRIPING AND SIGNING.
3. FINAL LANDSCAPING.

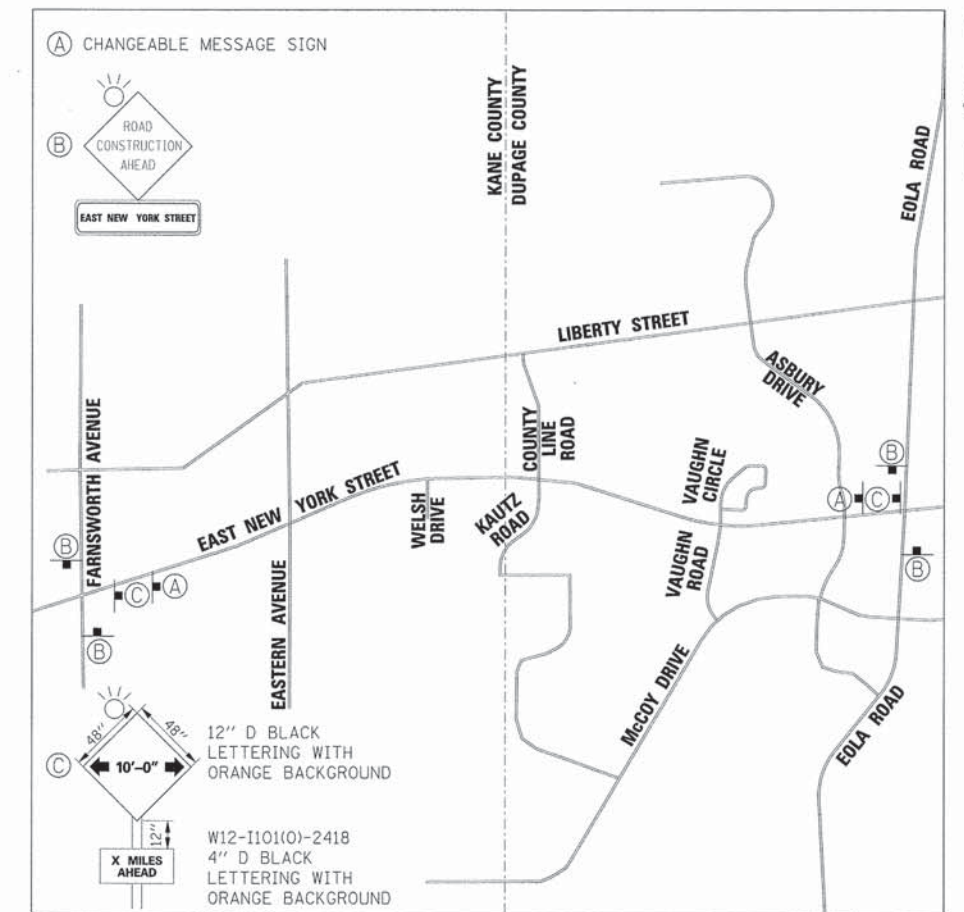
SUGGESTED MAINTENANCE OF TRAFFIC – SIGN LEGEND

ROAD CLOSED TO THRU TRAFFIC
R11-4-6030

SUGGESTED MAINTENANCE OF TRAFFIC – GENERAL NOTES:

1. THE CONTRACTOR SHALL FURNISH, PLACE, AND MAINTAIN TWO (2) CHANGEABLE MESSAGE SIGNS. EXACT SIGN LOCATIONS SHALL BE DETERMINED BY THE ENGINEER (SEE LOCATION MAP AT RIGHT FOR APPROXIMATE LOCATIONS). TWO WEEKS PRIOR TO THE CONTRACTOR BEGINNING ANY WORK THE SIGNS SHALL BE ACTIVATED AND NOTE THE DATE CONSTRUCTION BEGINS AND THAT DELAYS CAN BE EXPECTED. THE SIGN MESSAGES SHALL BE MODIFIED THROUGHOUT THE PROJECT TO ALERT THE TRAVELING PUBLIC WHEN SIGNIFICANT CHANGES OCCUR (LANE CLOSURES, NEW LANE CONFIGURATION, ETC.).
2. A MINIMUM OF ONE THROUGH LANE IN EACH DIRECTION SHALL REMAIN OPEN ON EAST NEW YORK STREET AT ALL TIMES. TEMPORARY TRAFFIC LANES SHALL BE A MINIMUM OF 10' WIDE.
3. RESURFACING WORK BETWEEN THE STATIONS OF 147+20 AND 147+85 SHALL BE COMPLETED UNDER TRAFFIC BETWEEN THE HOURS OF 9:00 AM AND 3:00 PM OR AS DIRECTED BY THE ENGINEER. TEMPORARY RAMPS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.
4. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY. COMMERCIAL ENTRANCE CLOSURES RESULTING IN A COMPLETE LOSS OF ACCESS TO ANY BUSINESS WILL NOT BE PERMITTED AT ANY TIME. THE CONTRACTOR SHALL PROVIDE PROPERTY OWNERS WITH VERBAL AND WRITTEN NOTICE A MINIMUM OF 48 HOURS PRIOR TO BEGINNING WORK ON AN ENTRANCE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
5. CONSTRUCTION ON OR ADJACENT TO AN ENTRANCE, RESULTING IN A TEMPORARY CLOSURE TO THAT ENTRANCE, SHALL BE EXPEDITED AND THE ENTRANCE REOPENED TO TRAFFIC AS SOON AS POSSIBLE. DURING THE TEMPORARY CLOSURE, THE CONTRACTOR SHALL PROVIDE TYPE III BARRICADES WITH "ROAD CLOSED" SIGNS AT THE LOCATIONS DESIGNATED BY THE ENGINEER. TEMPORARY CLOSURE AT ENTRANCES WILL NOT BE PERMITTED DURING THE WEEKEND.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE DURING CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.
7. WORK ZONE PAVEMENT MARKING FOR THE MAINTENANCE OF TRAFFIC SHALL CONSIST OF TEMPORARY PAVEMENT MARKING TAPE, TYPE III.
8. EXISTING OR PROPOSED TRAFFIC SIGNS CONFLICTING WITH THE TEMPORARY TRAFFIC CONTROL SHALL BE TEMPORARILY REMOVED OR COVERED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.

CHANGEABLE MESSAGE SIGN LOCATIONS



- NOTES:
1. THE ABOVE SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
 2. THE ENGINEER SHALL BE PROVIDED WITH FULL REMOTE ACCESS TO CHANGEABLE MESSAGE SIGNS.

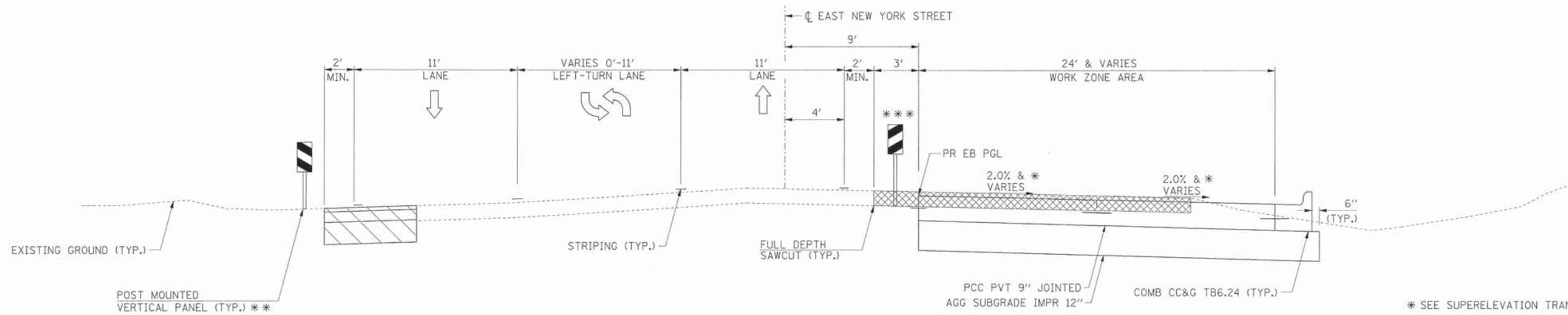
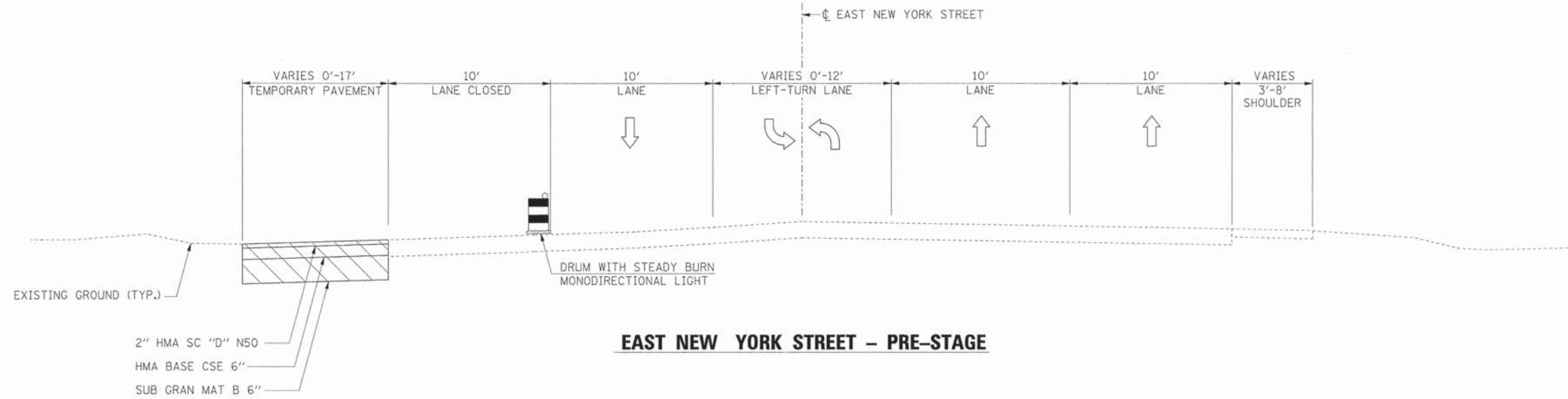
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC GENERAL NOTES		F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 41
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	[ILLINOIS] FED. AID PROJECT	CONTRACT NO. 63838	

DATE	
BY	
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1. PLOTTED	
2. ALIGNED	
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5. CAD FILE NAME	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
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1. PLOTTED	
2. GRADES CHECKED	
3. E.M. NOTES	
4. STRUCTURE NOTATIONS CHG	
PROFILE	
NOTE BOOK	
NO.	



- * SEE SUPERELEVATION TRANSITION DETAILS.
- ** UTILIZE DRUMS OR BARRICADES WHERE PLACEMENT WILL BE ON EXISTING PAVEMENT.
- *** TEMPORARY CONCRETE BARRIER REQUIRED FROM STA. 161+80 TO STA. 173+50.

- NOTES:
1. IN AREAS WITHOUT TEMPORARY CONCRETE BARRIER, AGGREGATE SUBGRADE SHALL BE PLACED SO THAT THE DROP-OFF IS 18" OR LESS WITHIN 48 HOURS OF THE INITIAL EXCAVATION.
 2. STAGE 1B SHALL UTILIZE THE SAME LANE CONFIGURATION WITH THE EXCEPTION OF THE WESTBOUND LEFT-TURN LANES AT KAUTZ ROAD AND VAUGHN ROAD, WHICH SHALL BE CLOSED.
 3. BETWEEN OCTOBER 31ST AND MARCH 31ST, CONTRACTOR WILL ONLY BE PERMITTED TO REMOVE ENOUGH EXISTING PAVEMENT TO ALLOW FOR CONSTRUCTION OF PROPOSED UTILITIES, UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER.

LEGEND

	REMOVAL OF EXISTING PAVEMENT AND APPURTENANCES
	TEMPORARY PAVEMENT
	PROPOSED WORK ZONE AREA (CURRENT STAGE)
	PROPOSED PAVEMENT (PREVIOUS STAGE)
	EXISTING PAVEMENT



USER NAME = gchris	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_mot_typ_01.dgn	DRAWN - BAH	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

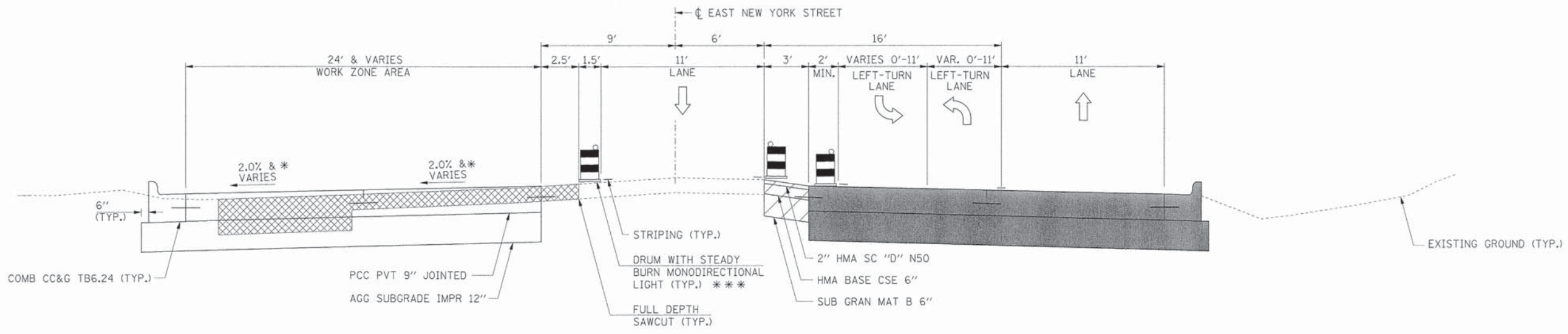
SUGGESTED MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS
(SHEET 1 OF 2)

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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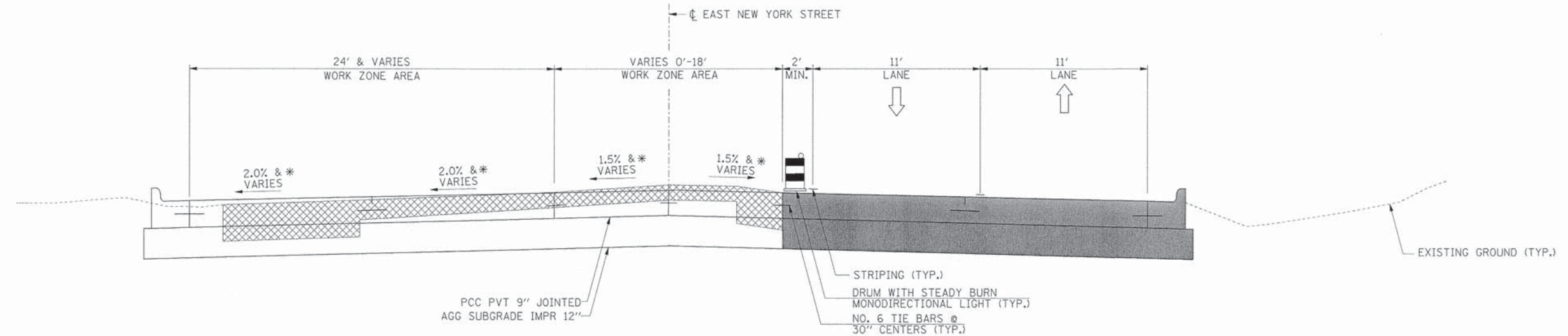
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	42
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63838	

PLAN	DATE	BY

PROFILE	DATE	BY



EAST NEW YORK STREET – STAGE 2A



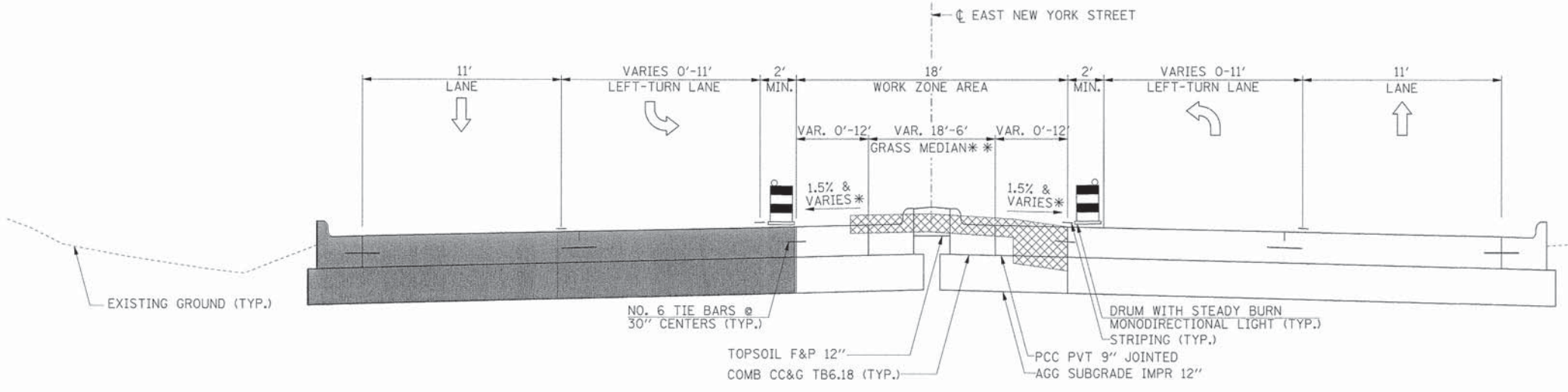
EAST NEW YORK STREET – STAGE 2B
AT INTERSECTIONS OF KAUTZ / COUNTY LINE ROAD AND VAUGHN ROAD / VAUGHN CIRCLE

NOTE:
IN AREAS WITHOUT TEMPORARY CONCRETE BARRIER,
AGGREGATE SUBGRADE SHALL BE PLACED SO THAT THE
DROP-OFF IS 18" OR LESS WITHIN 48 HOURS OF THE
INITIAL EXCAVATION.

- * SEE SUPERELEVATION TRANSITION DETAILS.
- ** SEE TYPICAL SECTIONS FOR BRICK PAVER AREAS.
- *** TEMPORARY CONCRETE BARRIER REQUIRED FROM STA. 161+70 TO STA. 172+75 IN STAGE 2A.

LEGEND

	REMOVAL OF EXISTING PAVEMENT AND APPURTENANCES
	TEMPORARY PAVEMENT
	PROPOSED WORK ZONE AREA (CURRENT STAGE)
	PROPOSED PAVEMENT (PREVIOUS STAGE)
	EXISTING PAVEMENT



EAST NEW YORK STREET – STAGE 3



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FILE NAME	= 604_mot_typ_02.dgn
PLOT SCALE	=
PLOT DATE	= 6/4/2013

DESIGNED	= JRS
DRAWN	= BAH
CHECKED	= APS
DATE	= 01/25/2013
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REVISED	=
REVISED	=

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

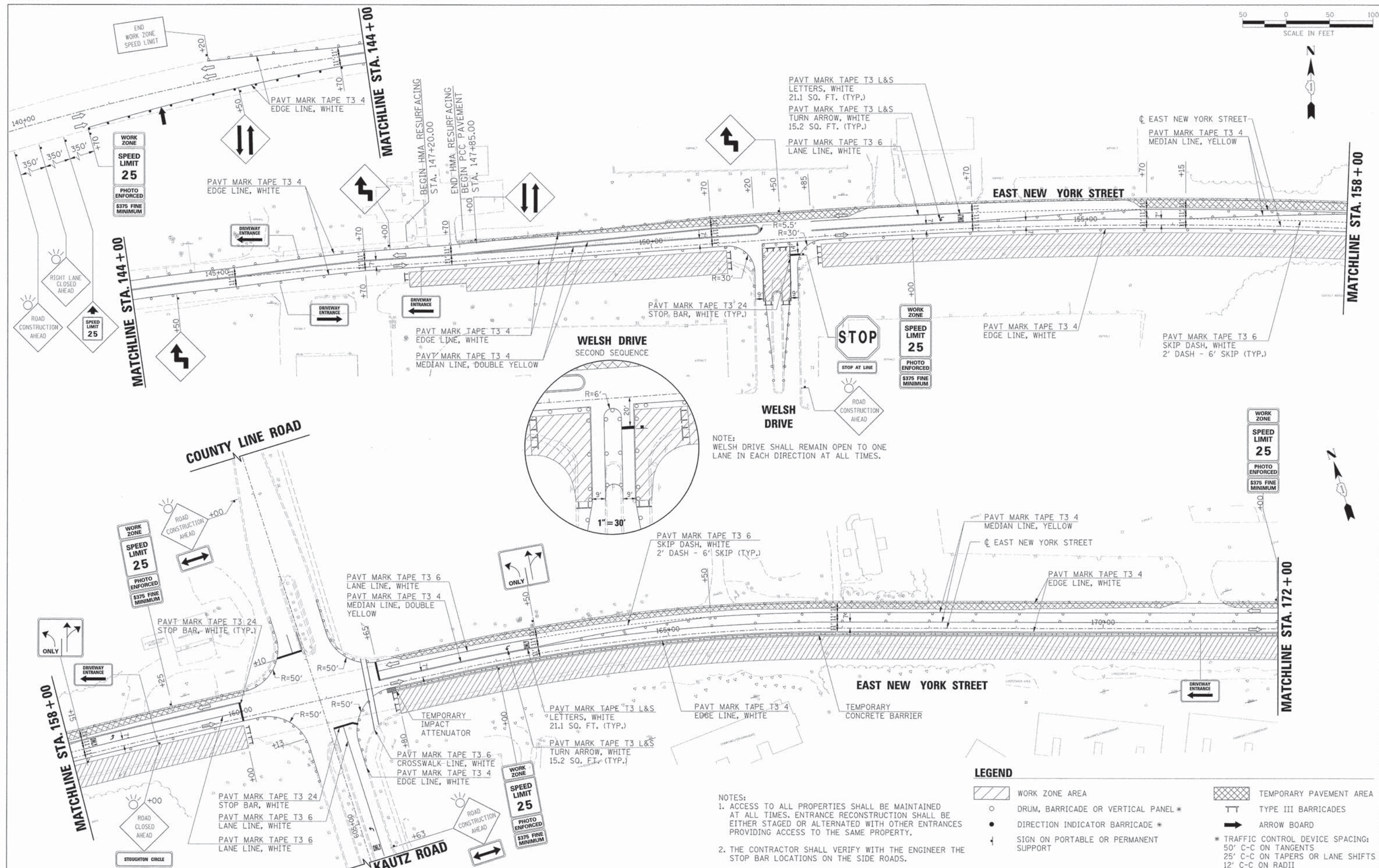
SUGGESTED MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS
(SHEET 2 OF 2)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	43
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	63838	



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PROFILE	SURVEYED	DATE	
	PLOTTED	BY	
	CHECKED		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATIONS		
	NO.		



NOTE: WELSH DRIVE SHALL REMAIN OPEN TO ONE LANE IN EACH DIRECTION AT ALL TIMES.

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM, BARRICADE OR VERTICAL PANEL *
- DIRECTION INDICATOR BARRICADE *
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- * TRAFFIC CONTROL DEVICE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

- NOTES:
- ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.
 - THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE STOP BAR LOCATIONS ON THE SIDE ROADS.



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PLOT SCALE	=	CHECKED	- APS	REVISED	-
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

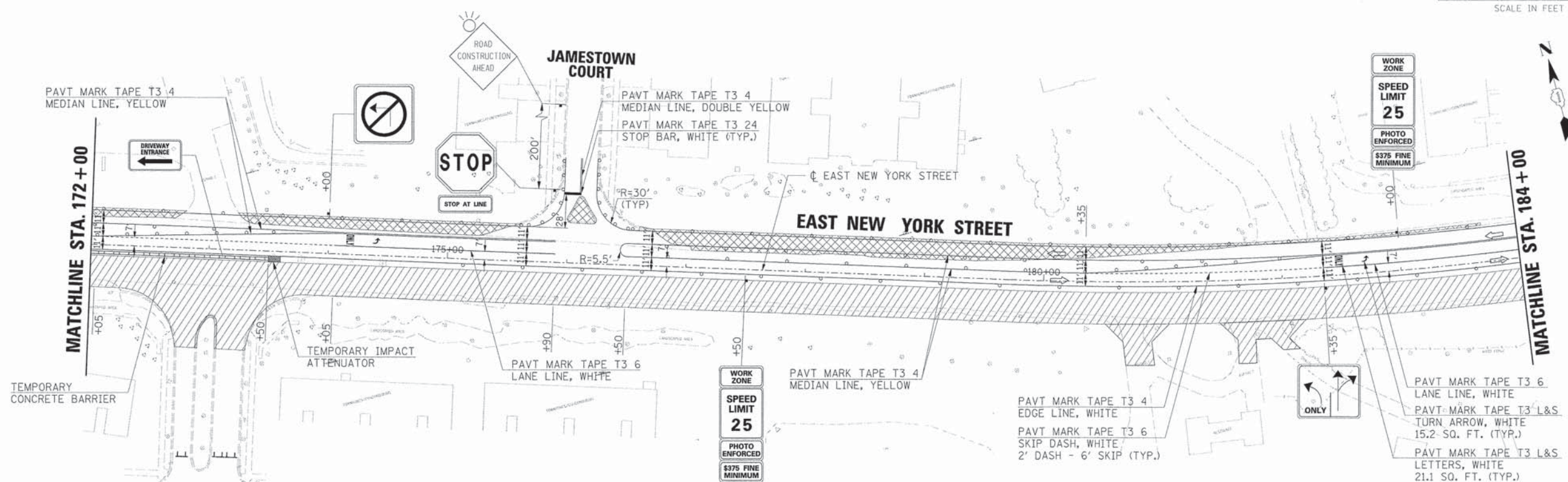
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1A
(SHEET 1 OF 2)**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
							1522	07-00210-01-PV	DUPAGE/KANE	167	44
										CONTRACT NO. 63838	
										FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

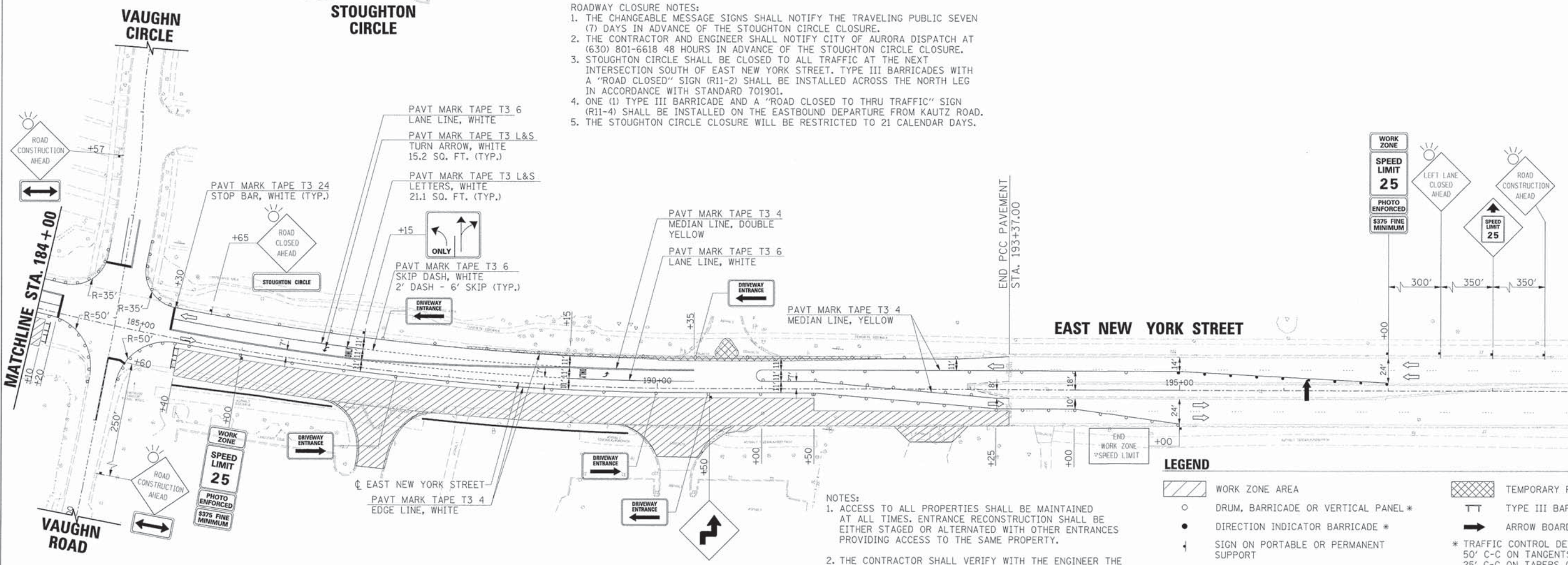


PLAN	DATE	BY
REVISIONS		
NO.	DESCRIPTION	DATE
1	ALIGNMENT CHECKED	
2	PAVING CHECKED	
3	PAVING CHECKED	
4	PAVING CHECKED	

PROFILE	DATE	BY
REVISIONS		
NO.	DESCRIPTION	DATE
1	GRADES CHECKED	
2	STRUCTURE NOTATIONS OK'D	



- ROADWAY CLOSURE NOTES:**
1. THE CHANGEABLE MESSAGE SIGNS SHALL NOTIFY THE TRAVELING PUBLIC SEVEN (7) DAYS IN ADVANCE OF THE STOUGHTON CIRCLE CLOSURE.
 2. THE CONTRACTOR AND ENGINEER SHALL NOTIFY CITY OF AURORA DISPATCH AT (630) 801-6618 48 HOURS IN ADVANCE OF THE STOUGHTON CIRCLE CLOSURE.
 3. STOUGHTON CIRCLE SHALL BE CLOSED TO ALL TRAFFIC AT THE NEXT INTERSECTION SOUTH OF EAST NEW YORK STREET. TYPE III BARRICADES WITH A "ROAD CLOSED" SIGN (R11-2) SHALL BE INSTALLED ACROSS THE NORTH LEG IN ACCORDANCE WITH STANDARD 701901.
 4. ONE (1) TYPE III BARRICADE AND A "ROAD CLOSED TO THRU TRAFFIC" SIGN (R11-4) SHALL BE INSTALLED ON THE EASTBOUND DEPARTURE FROM KAUTZ ROAD.
 5. THE STOUGHTON CIRCLE CLOSURE WILL BE RESTRICTED TO 21 CALENDAR DAYS.



- NOTES:**
1. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.
 2. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE STOP BAR LOCATIONS ON THE SIDE ROADS.

LEGEND

	WORK ZONE AREA		TEMPORARY PAVEMENT AREA
	DRUM, BARRICADE OR VERTICAL PANEL *		TYPE III BARRICADES
	DIRECTION INDICATOR BARRICADE *		ARROW BOARD
	SIGN ON PORTABLE OR PERMANENT SUPPORT	* TRAFFIC CONTROL DEVICE SPACING: 50' C-C ON TANGENTS 25' C-C ON TAPERS OR LANE SHIFTS 12' C-C ON RADII	



USER NAME = gchris	DESIGNED = JRS	REVISED = 11/01/2011
FILE NAME = 604_m0101a.ny_02.dgn	DRAWN = BAH	REVISED =
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PLOT DATE = 6/4/2013	DATE = 01/25/2013	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

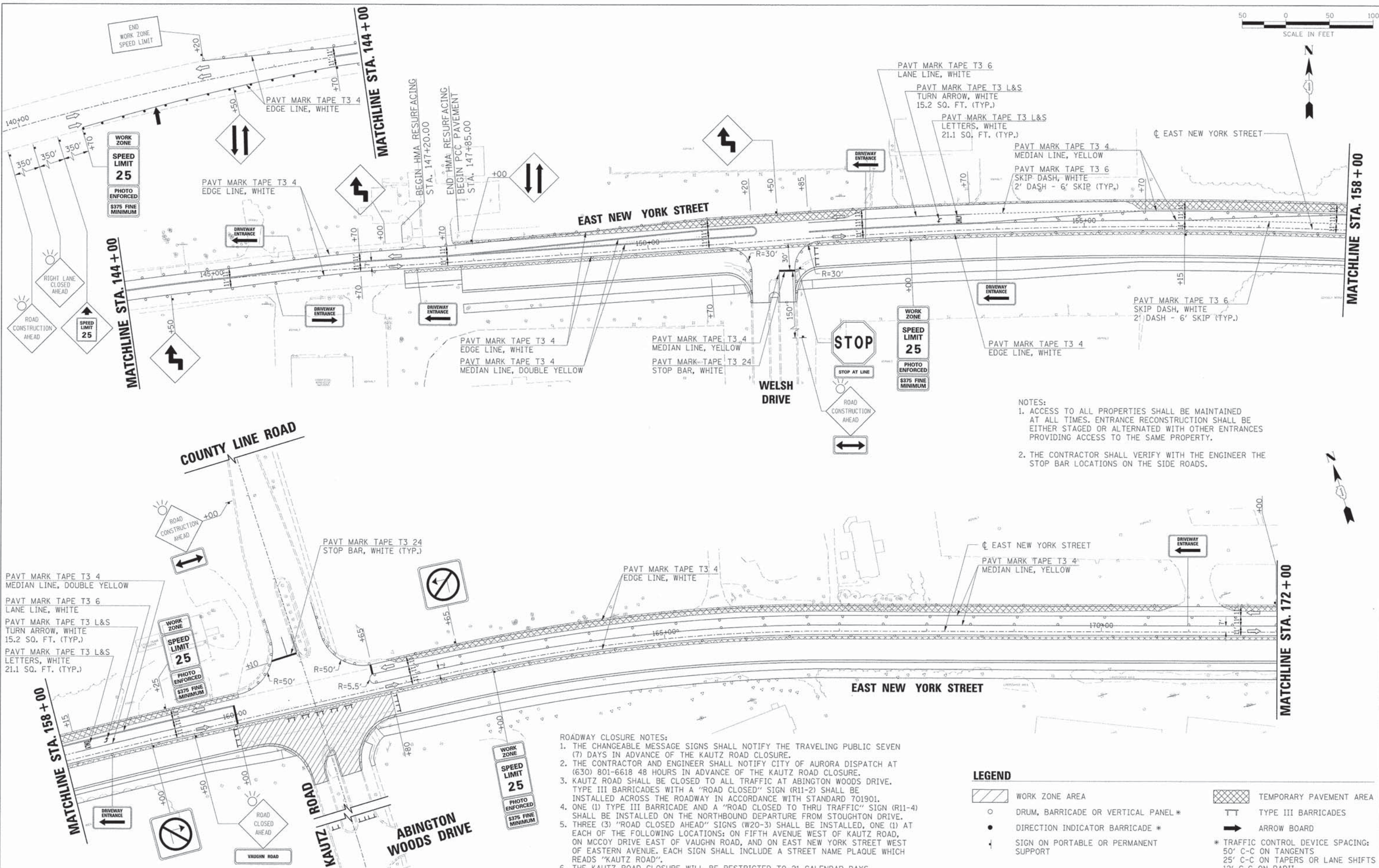
**SUGGESTED MAINTENANCE OF TRAFFIC – STAGE 1A
(SHEET 2 OF 2)**

F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 45
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 63838



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- NOTES:
1. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.
 2. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE STOP BAR LOCATIONS ON THE SIDE ROADS.

- ROADWAY CLOSURE NOTES:
1. THE CHANGEABLE MESSAGE SIGNS SHALL NOTIFY THE TRAVELING PUBLIC SEVEN (7) DAYS IN ADVANCE OF THE KAUTZ ROAD CLOSURE.
 2. THE CONTRACTOR AND ENGINEER SHALL NOTIFY CITY OF AURORA DISPATCH AT (630) 801-6618 48 HOURS IN ADVANCE OF THE KAUTZ ROAD CLOSURE.
 3. KAUTZ ROAD SHALL BE CLOSED TO ALL TRAFFIC AT ABINGTON WOODS DRIVE. TYPE III BARRICADES WITH A "ROAD CLOSED" SIGN (R11-2) SHALL BE INSTALLED ACROSS THE ROADWAY IN ACCORDANCE WITH STANDARD 701901.
 4. ONE (1) TYPE III BARRICADE AND A "ROAD CLOSED TO THRU TRAFFIC" SIGN (R11-4) SHALL BE INSTALLED ON THE NORTHBOUND DEPARTURE FROM STOUGHTON DRIVE.
 5. THREE (3) "ROAD CLOSED AHEAD" SIGNS (W20-3) SHALL BE INSTALLED, ONE (1) AT EACH OF THE FOLLOWING LOCATIONS: ON FIFTH AVENUE WEST OF KAUTZ ROAD, ON MCCOY DRIVE EAST OF VAUGHN ROAD, AND ON EAST NEW YORK STREET WEST OF EASTERN AVENUE. EACH SIGN SHALL INCLUDE A STREET NAME PLAQUE WHICH READS "KAUTZ ROAD".
 6. THE KAUTZ ROAD CLOSURE WILL BE RESTRICTED TO 21 CALENDAR DAYS.

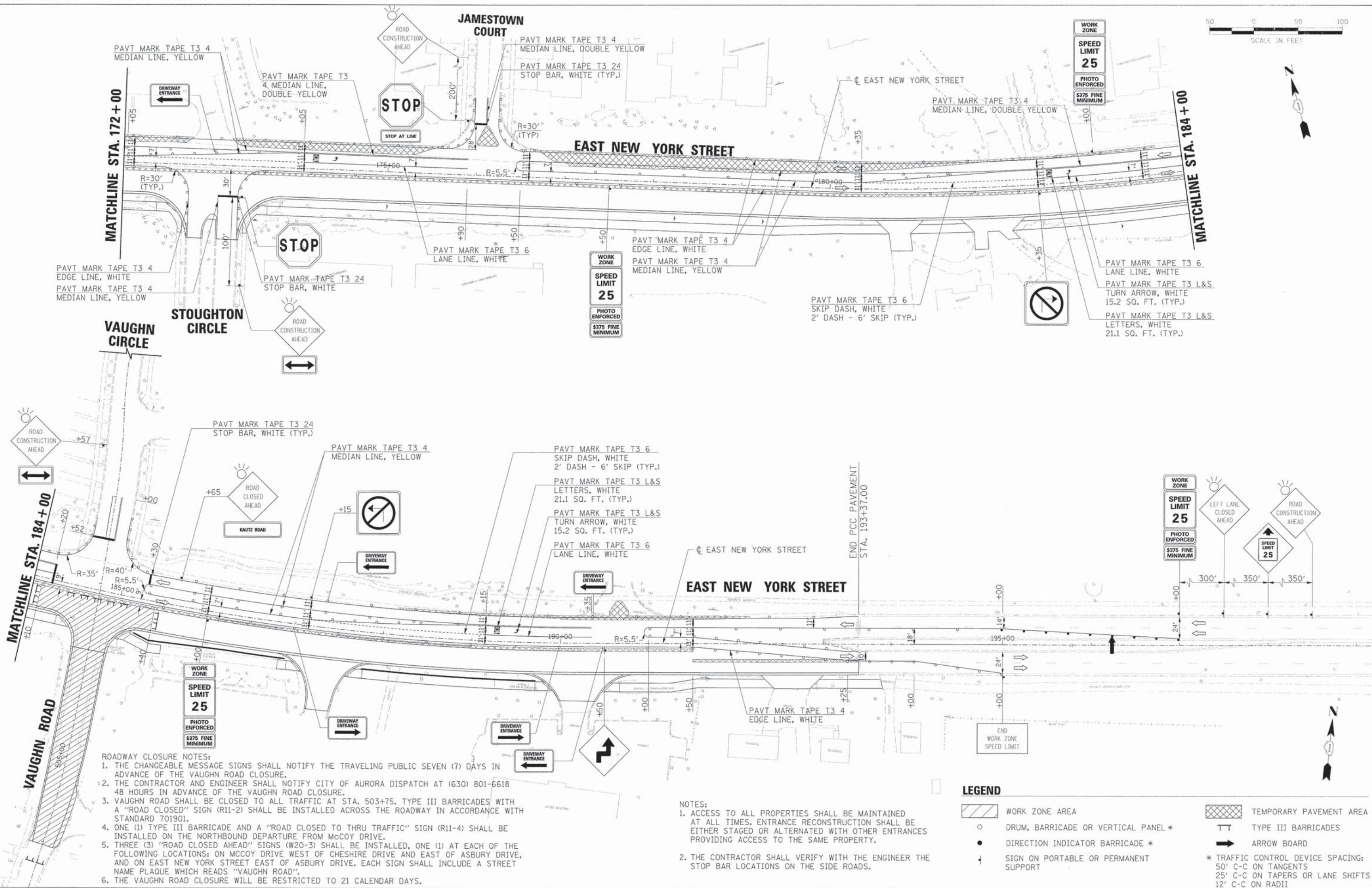
LEGEND

	WORK ZONE AREA		TEMPORARY PAVEMENT AREA
	DRUM, BARRICADE OR VERTICAL PANEL *		TYPE III BARRICADES
	DIRECTION INDICATOR BARRICADE *		ARROW BOARD
	SIGN ON PORTABLE OR PERMANENT SUPPORT	* TRAFFIC CONTROL DEVICE SPACING: 50' C-C ON TANGENTS 25' C-C ON TAPERS OR LANE SHIFTS 12' C-C ON RADII	

HRGreen.com Illinois Professional Design Firm # 164-001322	USER NAME = gchris FILE NAME = 604_m0t01b_rj_01.dgn PLOT SCALE = PLOT DATE = 6/5/2013	DESIGNED - JRS DRAWN - BAH CHECKED - APS DATE - 01/25/2013	REVISED - 11/01/2011 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 1B (SHEET 1 OF 2)	F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 46
	SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT CONTRACT NO. 63B38							

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- ROADWAY CLOSURE NOTES:**
1. THE CHANGEABLE MESSAGE SIGNS SHALL NOTIFY THE TRAVELING PUBLIC SEVEN (7) DAYS IN ADVANCE OF THE VAUGHN ROAD CLOSURE.
 2. THE CONTRACTOR AND ENGINEER SHALL NOTIFY CITY OF AURORA DISPATCH AT (630) 801-6618 48 HOURS IN ADVANCE OF THE VAUGHN ROAD CLOSURE.
 3. VAUGHN ROAD SHALL BE CLOSED TO ALL TRAFFIC AT STA. 503+75. TYPE III BARRICADES WITH A "ROAD CLOSED" SIGN (R11-2) SHALL BE INSTALLED ACROSS THE ROADWAY IN ACCORDANCE WITH STANDARD 701901.
 4. ONE (1) TYPE III BARRICADE AND A "ROAD CLOSED TO THRU TRAFFIC" SIGN (R11-4) SHALL BE INSTALLED ON THE NORTHBOUND DEPARTURE FROM MCCOY DRIVE.
 5. THREE (3) "ROAD CLOSED AHEAD" SIGNS (W20-3) SHALL BE INSTALLED, ONE (1) AT EACH OF THE FOLLOWING LOCATIONS: ON MCCOY DRIVE WEST OF CHESHIRE DRIVE AND EAST OF ASBURY DRIVE, AND ON EAST NEW YORK STREET EAST OF ASBURY DRIVE. EACH SIGN SHALL INCLUDE A STREET NAME PLAQUE WHICH READS "VAUGHN ROAD".
 6. THE VAUGHN ROAD CLOSURE WILL BE RESTRICTED TO 21 CALENDAR DAYS.

- NOTES:**
1. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.
 2. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE STOP BAR LOCATIONS ON THE SIDE ROADS.

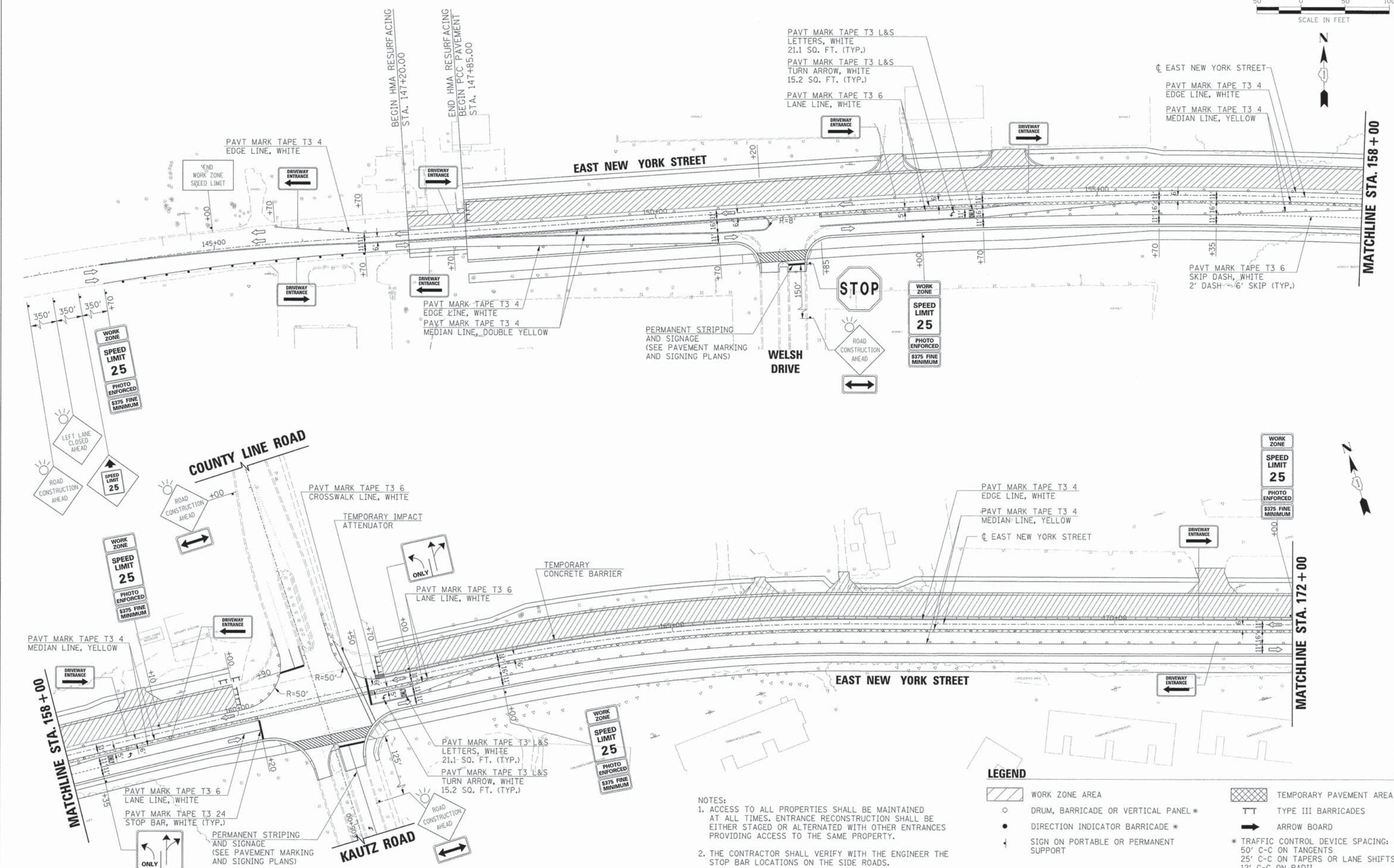
LEGEND

	WORK ZONE AREA		TEMPORARY PAVEMENT AREA
	DRUM, BARRICADE OR VERTICAL PANEL *		TYPE III BARRICADES
	DIRECTION INDICATOR BARRICADE *		ARROW BOARD
	SIGN ON PORTABLE OR PERMANENT SUPPORT	* TRAFFIC CONTROL DEVICE SPACING: 50' C-C ON TANGENTS 25' C-C ON TAPERS OR LANE SHIFTS 12' C-C ON RADII	



PLAN	REVISIONS	DATE
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- NOTES:
- ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.
 - THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE STOP BAR LOCATIONS ON THE SIDE ROADS.

LEGEND

- WORK ZONE AREA
 - DRUM, BARRICADE OR VERTICAL PANEL *
 - DIRECTION INDICATOR BARRICADE *
 - SIGN ON PORTABLE OR PERMANENT SUPPORT
 - TEMPORARY PAVEMENT AREA
 - TYPE III BARRICADES
 - ARROW BOARD
- * TRAFFIC CONTROL DEVICE SPACING:
 50' C-C ON TANGENTS
 25' C-C ON TAPERS OR LANE SHIFTS
 12' C-C ON RADII



USER NAME =	gohriss	DESIGNED -	JRS	REVISED -	11/01/2011
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PLOT SCALE =		CHECKED -	APS	REVISED -	
PLOT DATE =	6/5/2013	DATE -	01/25/2013	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2A
(SHEET 1 OF 2)**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							1522	07-00210-01-PV	DUPAGE/KANE	167	48
										CONTRACT NO. 63838	
										ILLINOIS FED. AID PROJECT	

PAVT MARK TAPE T3 6
LANE LINE, WHITE
PAVT MARK TAPE T3 4
MEDIAN LINE, DOUBLE YELLOW



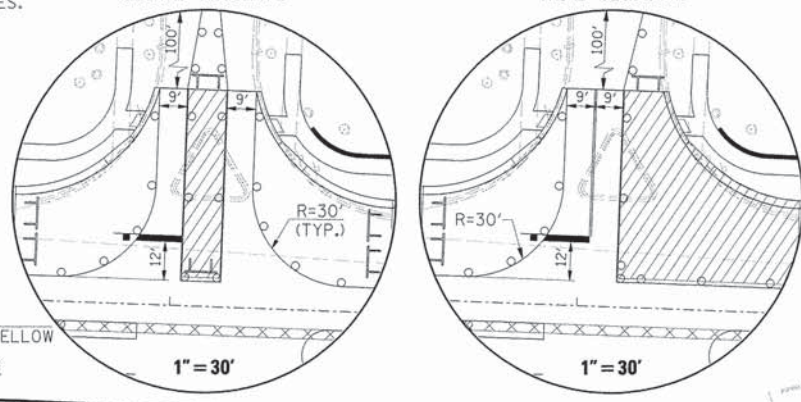
TEMPORARY IMPACT
ATTENUATOR
TEMPORARY
CONCRETE BARRIER

MATCHLINE STA. 172 + 00

NOTE:
JAMESTOWN COURT SHALL REMAIN OPEN TO
ONE LANE IN EACH DIRECTION AT ALL TIMES.

JAMESTOWN COURT
SECOND SEQUENCE

JAMESTOWN COURT
THIRD SEQUENCE



JAMESTOWN COURT

PAVT MARK TAPE T3 4
MEDIAN LINE, DOUBLE YELLOW
PAVT MARK TAPE T3 24
STOP BAR, WHITE

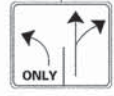


EAST NEW YORK STREET

PAVT MARK TAPE T3 4
MEDIAN LINE, YELLOW
EAST NEW YORK STREET

PAVT MARK TAPE T3 4
EDGE LINE, WHITE
PAVT MARK TAPE T3 6
SKIP DASH, WHITE
2' DASH - 6' SKIP (TYP.)

PAVT MARK TAPE T3 4
MEDIAN LINE, YELLOW
PAVT MARK TAPE T3 6
LANE LINE, WHITE
PAVT MARK TAPE T3 L&S
TURN ARROW, WHITE
15.2 SQ. FT. (TYP.)
PAVT MARK TAPE T3 L&S
LETTERS, WHITE
21.1 SQ. FT. (TYP.)



PERMANENT STRIPING
AND SIGNAGE
(SEE PAVEMENT MARKING
AND SIGNING PLANS)

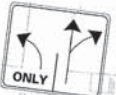
STOUGHTON CIRCLE



VAUGHN CIRCLE



PAVT MARK TAPE T3 6
LANE LINE, WHITE
PAVT MARK TAPE T3 4
MEDIAN LINE, DOUBLE YELLOW
PAVT MARK TAPE T3 24
STOP BAR, WHITE (TYP.)



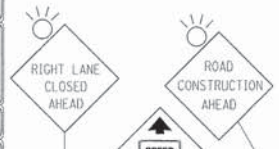
EAST NEW YORK STREET

PAVT MARK TAPE T3 4
MEDIAN LINE, YELLOW
PAVT MARK TAPE T3 4
EDGE LINE, WHITE



END PCC PAVEMENT
STA. 193+37.00

EAST NEW YORK STREET



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BY	
REVISIONS	
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PERMANENT STRIPING
AND SIGNAGE
(SEE PAVEMENT MARKING
AND SIGNING PLANS)

PAVT MARK TAPE T3 L&S
LETTERS, WHITE
21.1 SQ. FT. (TYP.)
PAVT MARK TAPE T3 L&S
TURN ARROW, WHITE
15.2 SQ. FT. (TYP.)
PAVT MARK TAPE T3 6
LANE LINE, WHITE
PAVT MARK TAPE T3 4
MEDIAN LINE, DOUBLE YELLOW

PAVT MARK TAPE T3 6
SKIP DASH, WHITE
2' DASH - 6' SKIP (TYP.)

PAVT MARK TAPE T3 6
LANE LINE, WHITE

NOTES:
1. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED
AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE
EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES
PROVIDING ACCESS TO THE SAME PROPERTY.
2. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE
STOP BAR LOCATIONS ON THE SIDE ROADS.

LEGEND

- WORK ZONE AREA
 - DRUM, BARRICADE OR VERTICAL PANEL *
 - DIRECTION INDICATOR BARRICADE *
 - SIGN ON PORTABLE OR PERMANENT SUPPORT
 - TEMPORARY PAVEMENT AREA
 - TYPE III BARRICADES
 - ARROW BOARD
- * TRAFFIC CONTROL DEVICE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII



USER NAME	= gchris	DESIGNED	= JRS	REVISED	= 11/01/2011
FILE NAME	= 604_m0182a_rly_02.dgn	DRAWN	= BAH	REVISED	=
PLOT SCALE	=	CHECKED	= APS	REVISED	=
PLOT DATE	= 6/4/2013	DATE	= 01/25/2013	REVISED	=

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2A
(SHEET 2 OF 2)

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					1522	07-00210-01-PV	DUPAGE/KANE	167	49
									CONTRACT NO. 63838

FED. ROAD DIST. NO.	[ILLINOIS] FED. AID PROJECT
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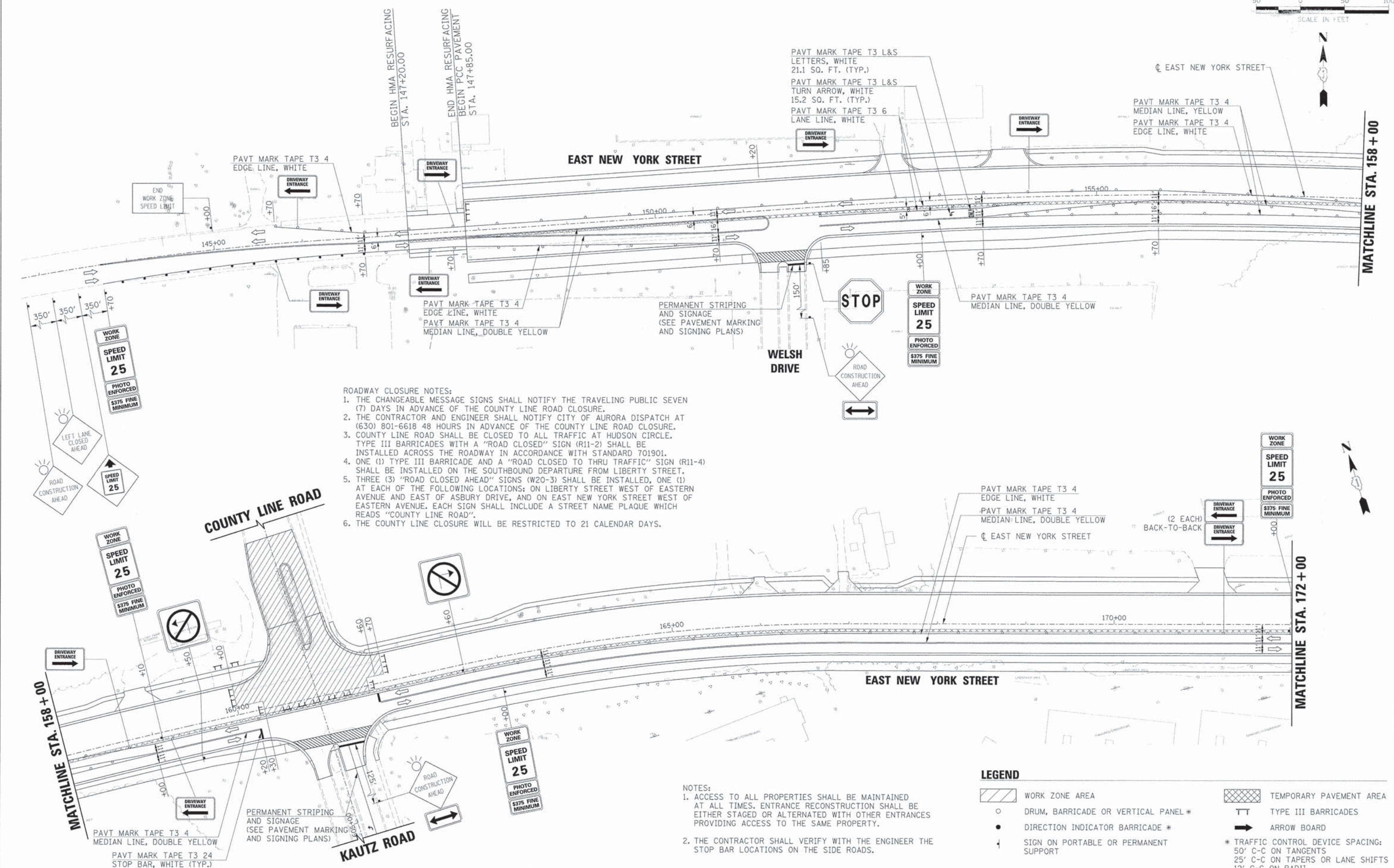
MATCHLINE STA. 158 + 00



MATCHLINE STA. 172 + 00

PLAN	BY	DATE
REVISIONS	NO.	DATE
APPROVED		
CHECKED		
DESIGNED		
DRAWN		
NOTED		
CADD FILE NAME		

PROFILE	BY	DATE
REVISIONS	NO.	DATE
APPROVED		
CHECKED		
DESIGNED		
DRAWN		
NOTED		
CADD FILE NAME		



- ROADWAY CLOSURE NOTES:**
1. THE CHANGEABLE MESSAGE SIGNS SHALL NOTIFY THE TRAVELING PUBLIC SEVEN (7) DAYS IN ADVANCE OF THE COUNTY LINE ROAD CLOSURE.
 2. THE CONTRACTOR AND ENGINEER SHALL NOTIFY CITY OF AURORA DISPATCH AT (630) 801-6618 48 HOURS IN ADVANCE OF THE COUNTY LINE ROAD CLOSURE.
 3. COUNTY LINE ROAD SHALL BE CLOSED TO ALL TRAFFIC AT HUDSON CIRCLE. TYPE III BARRICADES WITH A "ROAD CLOSED" SIGN (R11-2) SHALL BE INSTALLED ACROSS THE ROADWAY IN ACCORDANCE WITH STANDARD 701901.
 4. ONE (1) TYPE III BARRICADE AND A "ROAD CLOSED TO THRU TRAFFIC" SIGN (R11-4) SHALL BE INSTALLED ON THE SOUTHBOUND DEPARTURE FROM LIBERTY STREET.
 5. THREE (3) "ROAD CLOSED AHEAD" SIGNS (W20-3) SHALL BE INSTALLED, ONE (1) AT EACH OF THE FOLLOWING LOCATIONS: ON LIBERTY STREET WEST OF EASTERN AVENUE AND EAST OF ASBURY DRIVE, AND ON EAST NEW YORK STREET WEST OF EASTERN AVENUE. EACH SIGN SHALL INCLUDE A STREET NAME PLAQUE WHICH READS "COUNTY LINE ROAD".
 6. THE COUNTY LINE ROAD CLOSURE WILL BE RESTRICTED TO 21 CALENDAR DAYS.

- NOTES:**
1. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.
 2. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE STOP BAR LOCATIONS ON THE SIDE ROADS.

LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM, BARRICADE OR VERTICAL PANEL *
- TYPE III BARRICADES
- DIRECTION INDICATOR BARRICADE *
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- * TRAFFIC CONTROL DEVICE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII



USER NAME	gch155	DESIGNED	JRS	REVISED	11/01/2011
FILE NAME	604_m0102b.ny_01.dgn	DRAWN	BAH	REVISED	
PLOT SCALE		CHECKED	APS	REVISED	
PLOT DATE	6/4/2013	DATE	01/25/2013	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

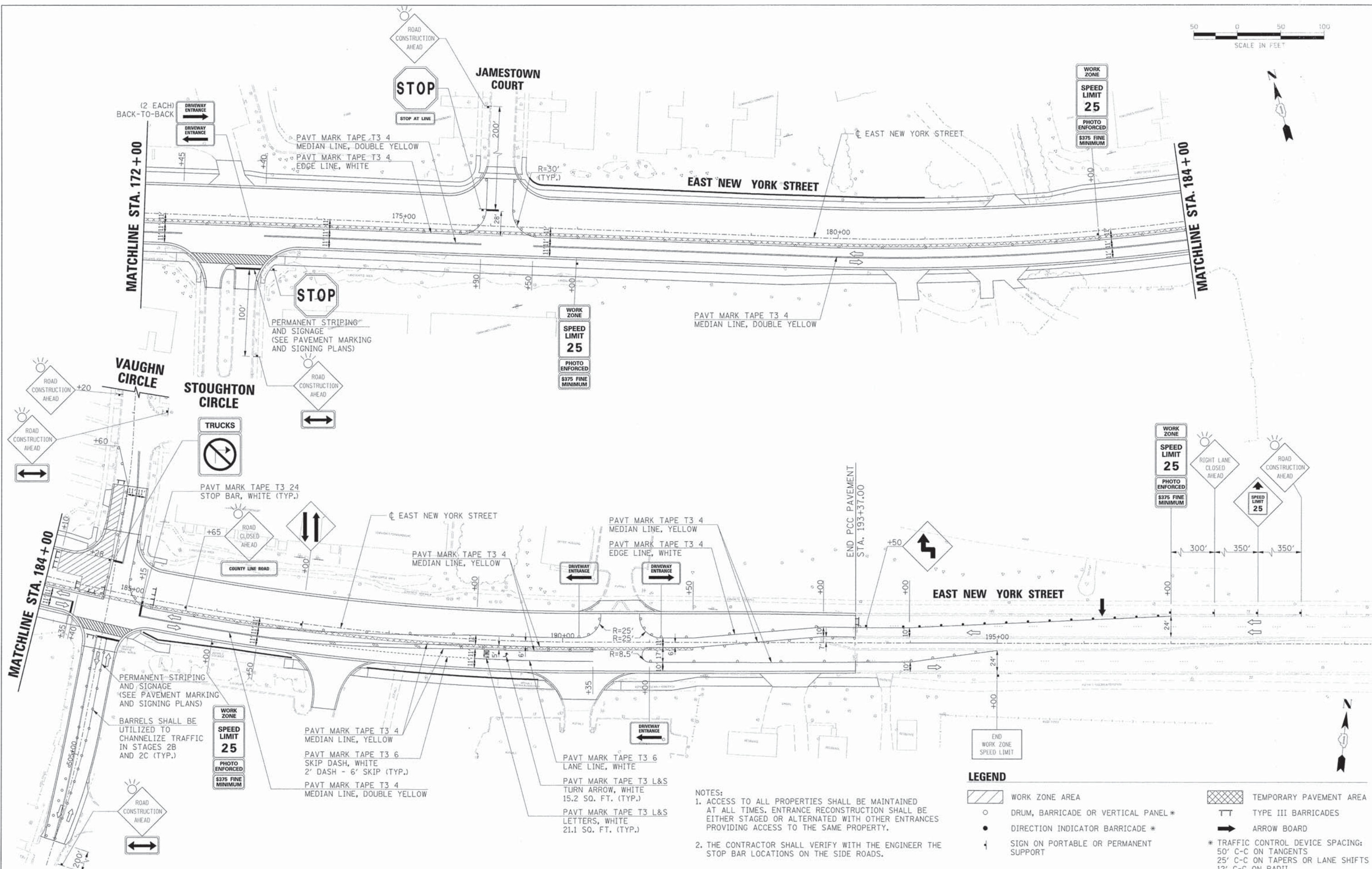
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2B
(SHEET 1 OF 2)**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							1522	07-00210-01-PV	DUPAGE/KANE	167	50
										CONTRACT NO. 63838	
										FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	



PLAN	DATE
BY	
REVISIONS	
NO.	
DATE	
DESCRIPTION	
BY	
DATE	
DESCRIPTION	

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
DESCRIPTION	
BY	
DATE	
DESCRIPTION	



(2 EACH)
BACK-TO-BACK
DRIVEWAY ENTRANCE

ROAD CONSTRUCTION AHEAD
STOP
STOP AT LINE

WORK ZONE
SPEED LIMIT 25
PHOTO ENFORCED
\$375 FINE MINIMUM

STOP
PERMANENT STRIPING AND SIGNAGE (SEE PAVEMENT MARKING AND SIGNING PLANS)

WORK ZONE
SPEED LIMIT 25
PHOTO ENFORCED
\$375 FINE MINIMUM

ROAD CONSTRUCTION AHEAD
+20
ROAD CONSTRUCTION AHEAD
+60

STOUGHTON CIRCLE
TRUCKS

PAVT MARK TAPE T3 24
STOP BAR, WHITE (TYP.)

ROAD CLOSED AHEAD
COUNTY LINE ROAD

PAVT MARK TAPE T3 4
MEDIAN LINE, YELLOW

PAVT MARK TAPE T3 4
MEDIAN LINE, YELLOW
PAVT MARK TAPE T3 4
EDGE LINE, WHITE

END PCC PAVEMENT
STA. 193+37.00

EAST NEW YORK STREET

WORK ZONE
SPEED LIMIT 25
PHOTO ENFORCED
\$375 FINE MINIMUM

RIGHT LANE CLOSED AHEAD

ROAD CONSTRUCTION AHEAD
SPEED LIMIT 25

PERMANENT STRIPING AND SIGNAGE (SEE PAVEMENT MARKING AND SIGNING PLANS)

BARRELS SHALL BE UTILIZED TO CHANNELIZE TRAFFIC IN STAGES 2B AND 2C (TYP.)

WORK ZONE
SPEED LIMIT 25
PHOTO ENFORCED
\$375 FINE MINIMUM

PAVT MARK TAPE T3 4
MEDIAN LINE, YELLOW
PAVT MARK TAPE T3 6
SKIP DASH, WHITE
2' DASH - 6' SKIP (TYP.)
PAVT MARK TAPE T3 4
MEDIAN LINE, DOUBLE YELLOW

PAVT MARK TAPE T3 6
LANE LINE, WHITE
PAVT MARK TAPE T3 L&S
TURN ARROW, WHITE
15.2 SQ. FT. (TYP.)
PAVT MARK TAPE T3 L&S
LETTERS, WHITE
21.1 SQ. FT. (TYP.)

END WORK ZONE
SPEED LIMIT

LEGEND

- WORK ZONE AREA
 - DRUM, BARRICADE OR VERTICAL PANEL *
 - DIRECTION INDICATOR BARRICADE *
 - SIGN ON PORTABLE OR PERMANENT SUPPORT
 - TEMPORARY PAVEMENT AREA
 - TYPE III BARRICADES
 - ARROW BOARD
- * TRAFFIC CONTROL DEVICE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

- NOTES:
- ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.
 - THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE STOP BAR LOCATIONS ON THE SIDE ROADS.



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FILE NAME = G04_m01s02b.ny_02.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2B
(SHEET 2 OF 2)**

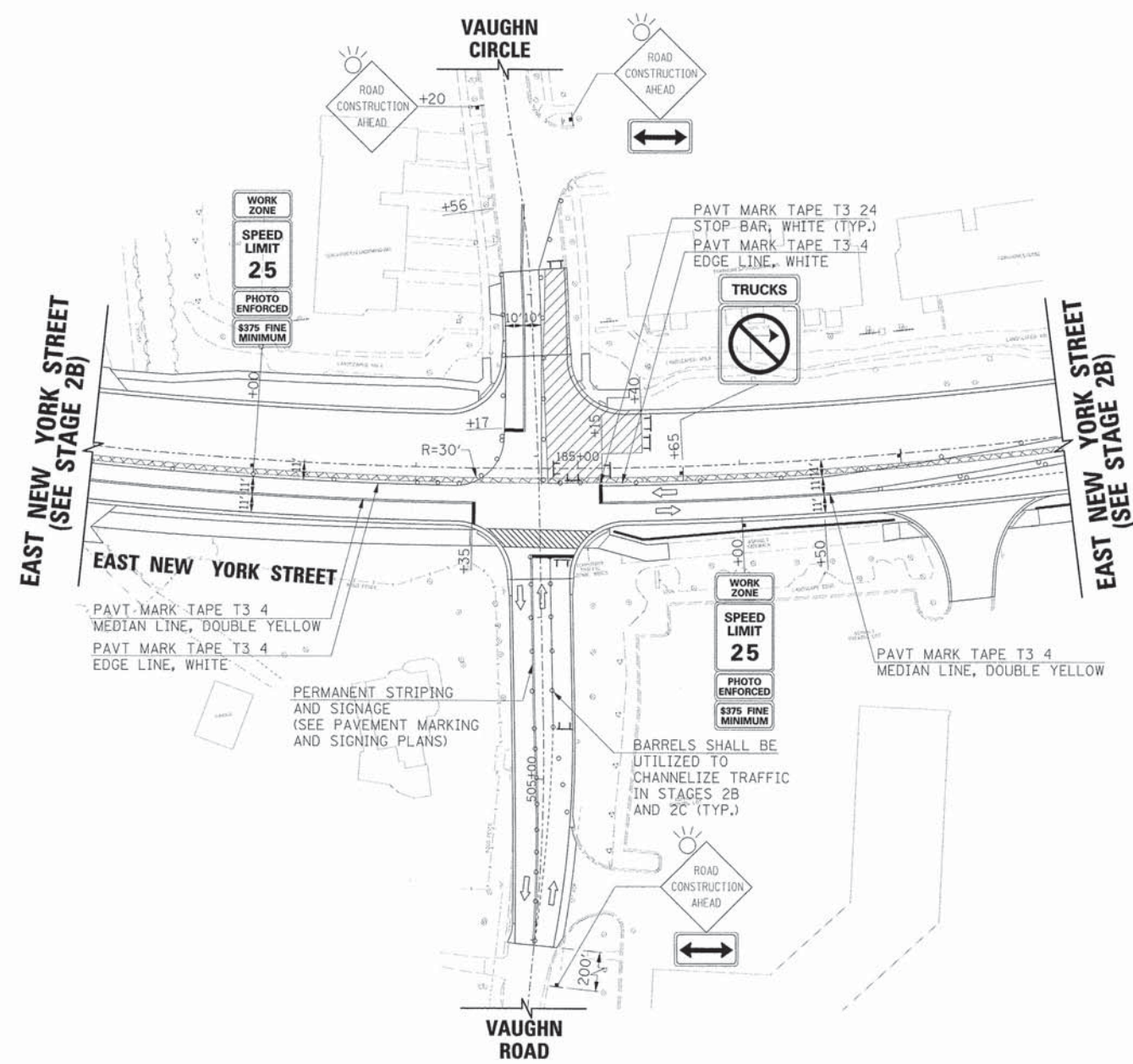
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	51
CONTRACT NO. 63838				

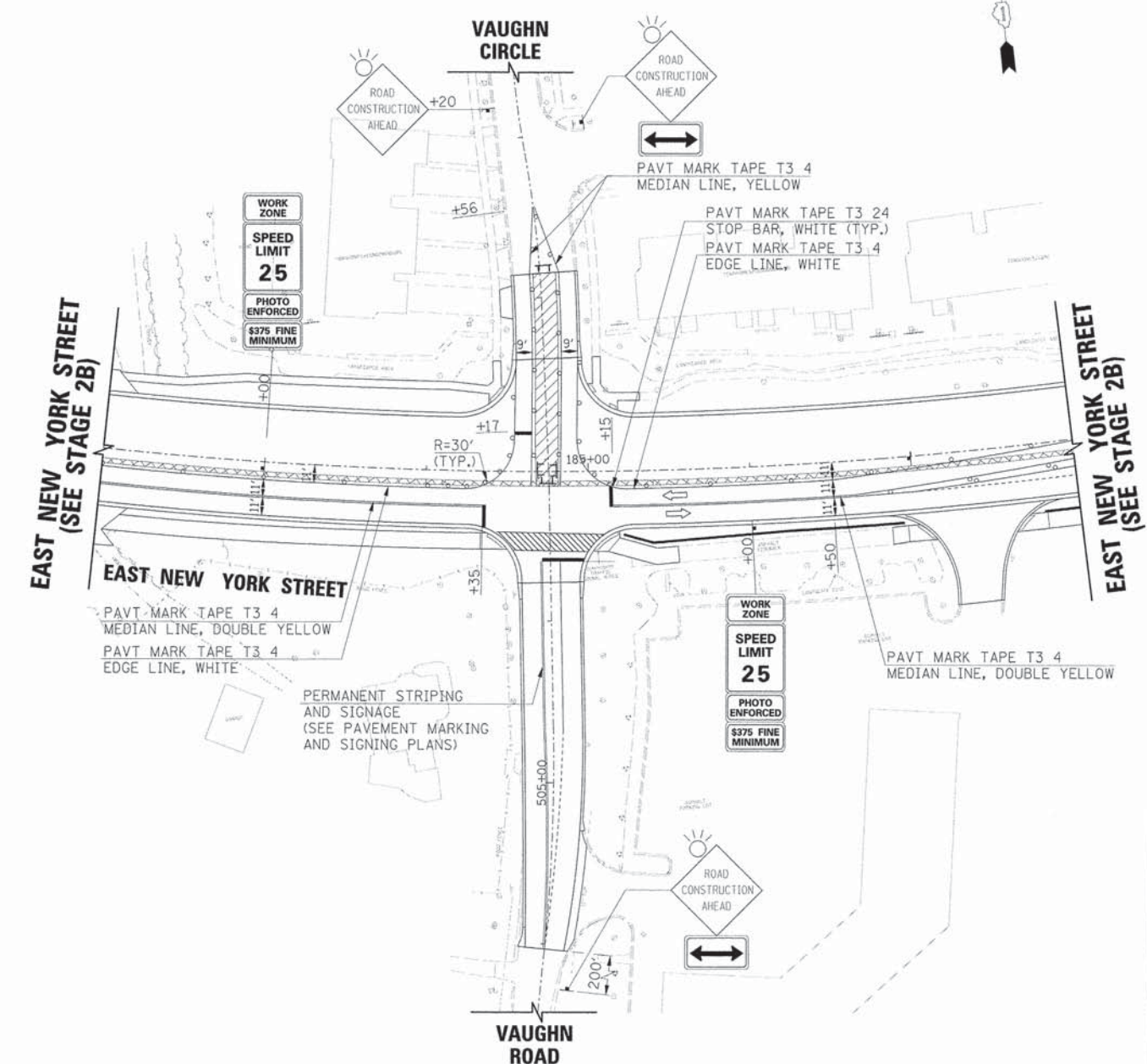


PLAN	DATE
REVISIONS	BY
NOTED	
ALIGNED	
CHECKED	
NO.	

PROFILE	DATE
NOTED	
GRADES	
CHECKED	
STRUCTURE	
NOTATIONS	
CHKD	
NO.	



MAINTENANCE OF TRAFFIC - STAGE 2C



MAINTENANCE OF TRAFFIC - STAGE 2D

- NOTES:
- ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.
 - THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE STOP BAR LOCATIONS ON THE SIDE ROADS.

LEGEND

- WORK ZONE AREA
 - DRUM, BARRICADE OR VERTICAL PANEL *
 - DIRECTION INDICATOR BARRICADE *
 - SIGN ON PORTABLE OR PERMANENT SUPPORT
 - TEMPORARY PAVEMENT AREA
 - TYPE III BARRICADES
 - ARROW BOARD
- * TRAFFIC CONTROL DEVICE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII



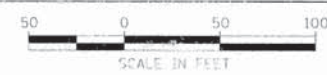
USER NAME = gchris	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_mot02c.ny_01.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 2C & 2D

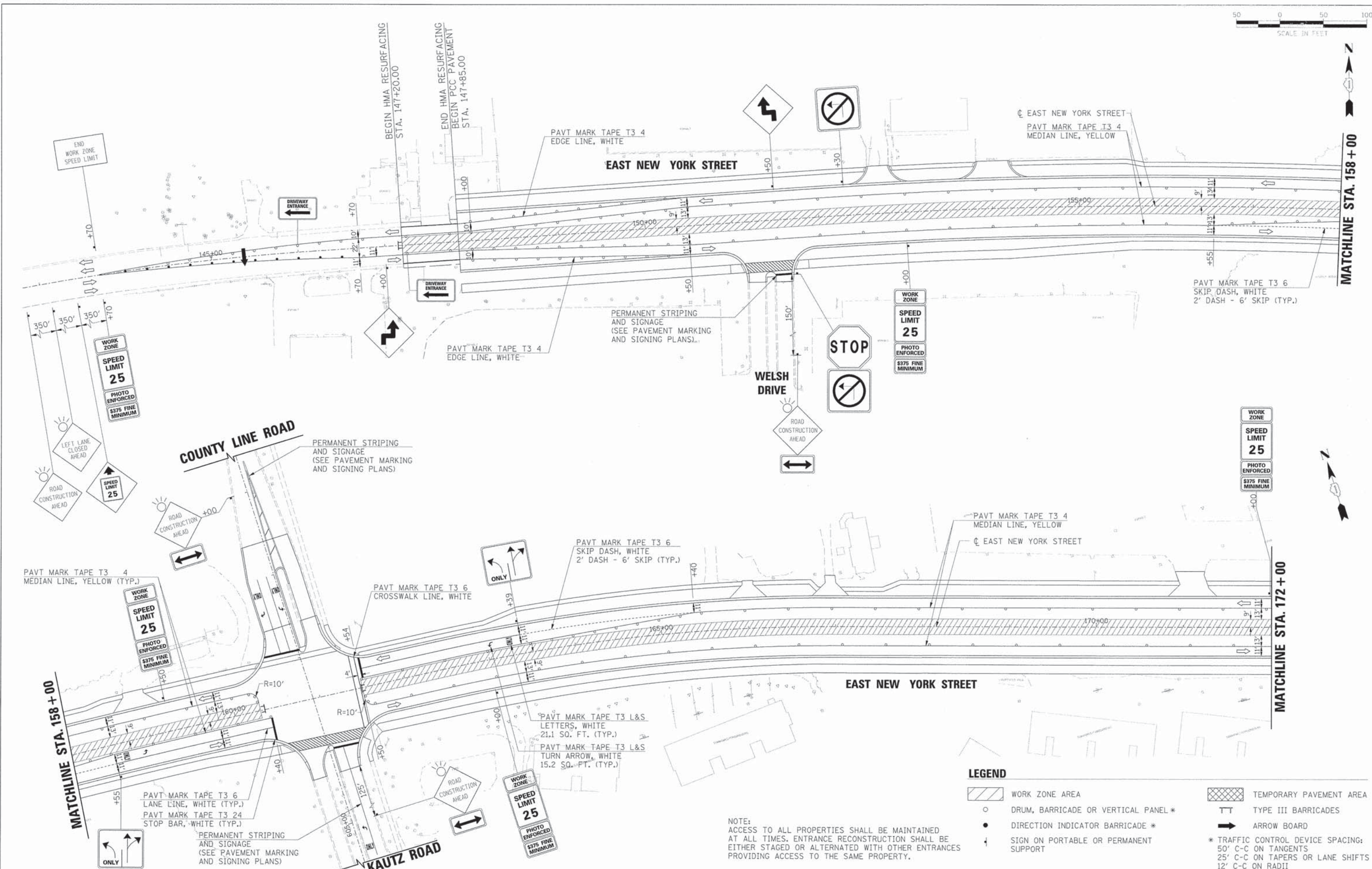
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	52
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



PLAN	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	



LEGEND

- WORK ZONE AREA
- TEMPORARY PAVEMENT AREA
- DRUM, BARRICADE OR VERTICAL PANEL *
- TYPE III BARRICADES
- DIRECTION INDICATOR BARRICADE *
- ARROW BOARD
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- * TRAFFIC CONTROL DEVICE SPACING:
50' C-C ON TANGENTS
25' C-C ON TAPERS OR LANE SHIFTS
12' C-C ON RADII

NOTE:
ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.



USER NAME =	gehrrss	DESIGNED -	JRS	REVISED -	11/01/2011
FILE NAME =	604_m0103a.ny_01.dgn	DRAWN -	BAH	REVISED -	
PLOT SCALE =		CHECKED -	APS	REVISED -	
PLOT DATE =	6/4/2013	DATE -	01/25/2013	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
(SHEET 1 OF 2)**

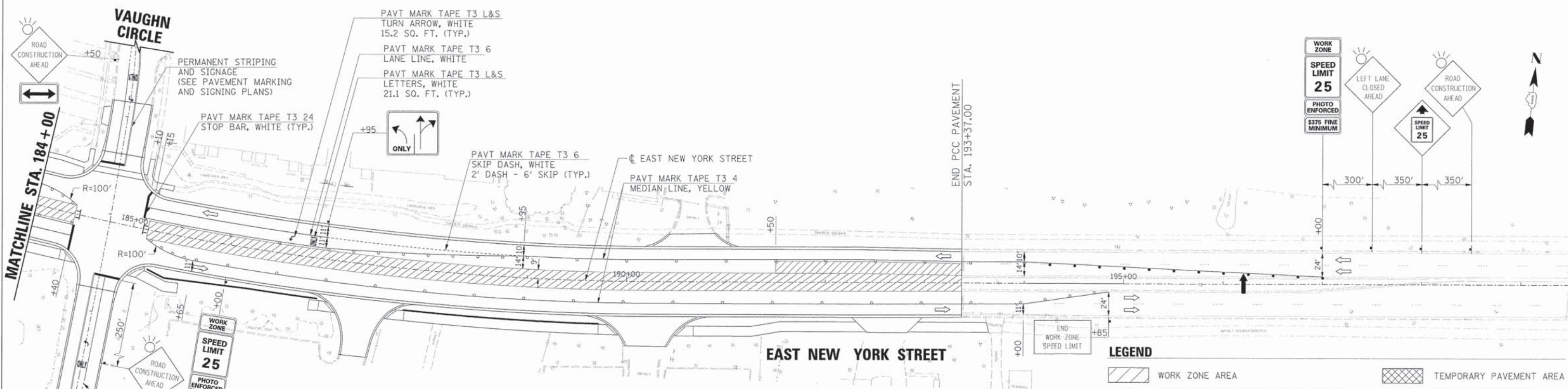
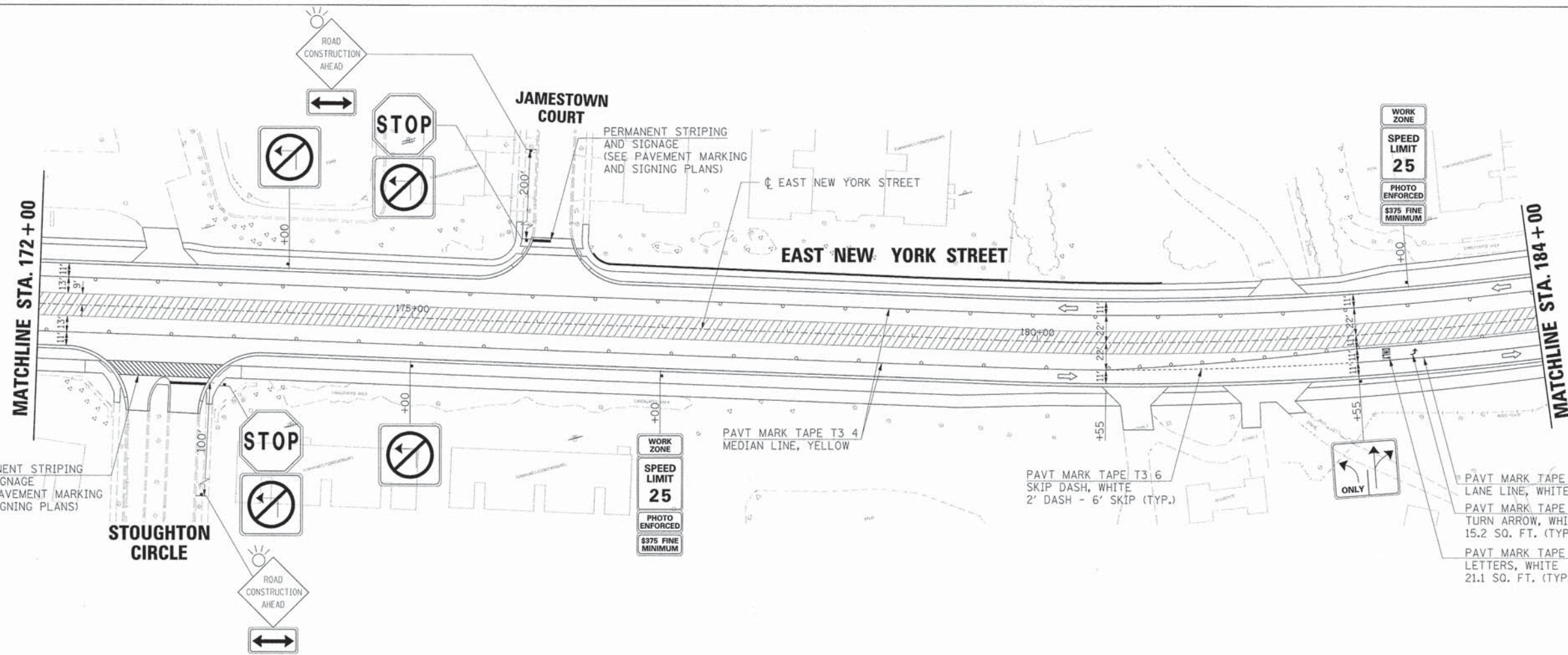
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	53
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



PLAN	REVISIONS	DATE
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PROFILE	REVISIONS	DATE
NO.		
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DATE		
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NO.		
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DATE		
NO.		



- LEGEND**
- WORK ZONE AREA
 - DRUM, BARRICADE OR VERTICAL PANEL *
 - DIRECTION INDICATOR BARRICADE *
 - SIGN ON PORTABLE OR PERMANENT SUPPORT
 - TEMPORARY PAVEMENT AREA
 - TYPE III BARRICADES
 - ARROW BOARD
- * TRAFFIC CONTROL DEVICE SPACING:
 50' C-C ON TANGENTS
 25' C-C ON TAPERS OR LANE SHIFTS
 12' C-C ON RADII

NOTE:
 ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES. ENTRANCE RECONSTRUCTION SHALL BE EITHER STAGED OR ALTERNATED WITH OTHER ENTRANCES PROVIDING ACCESS TO THE SAME PROPERTY.



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FILE NAME	= 604_m023a_nj_02.dgn	DRAWN	= BAH	REVISED	=
PLOT SCALE	=	CHECKED	= APS	REVISED	=
PLOT DATE	= 6/4/2013	DATE	= 01/25/2013	REVISED	=

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

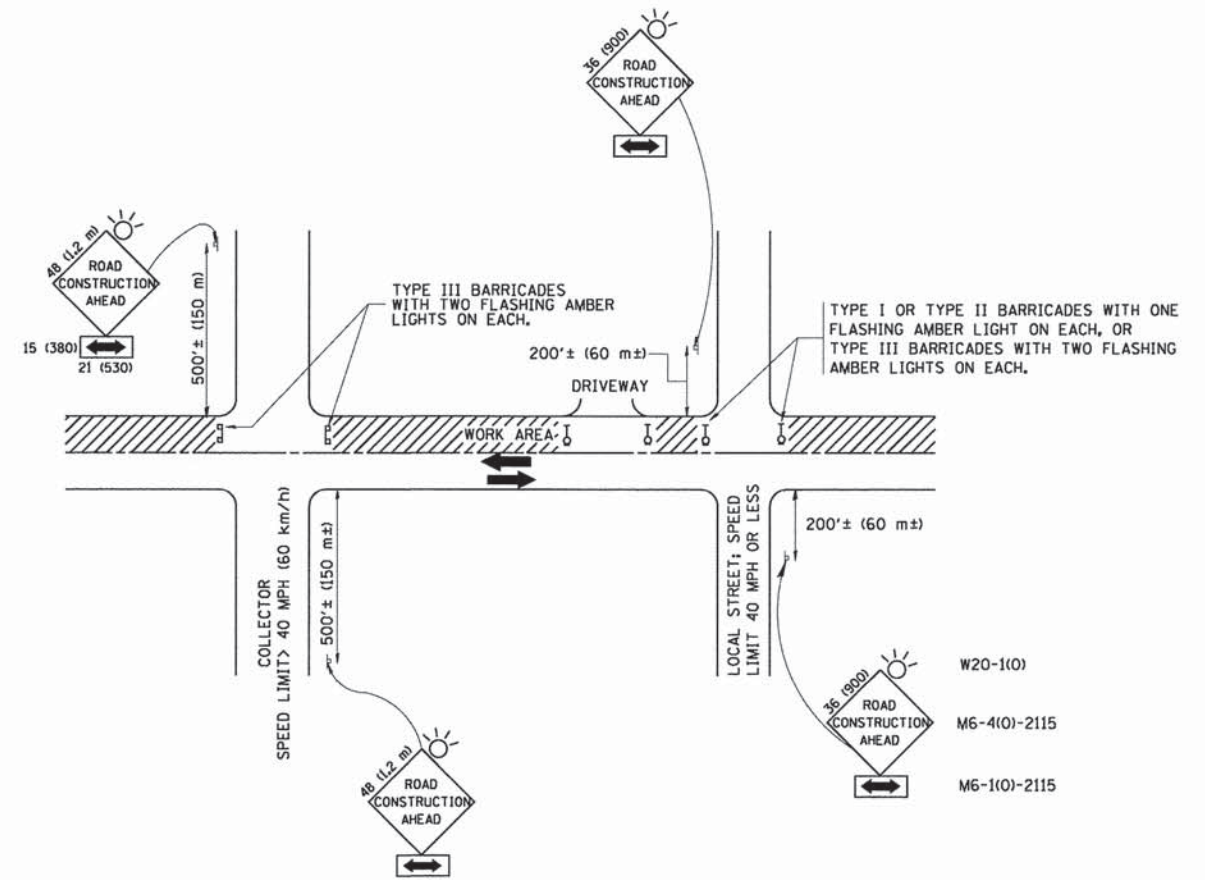
**SUGGESTED MAINTENANCE OF TRAFFIC - STAGE 3
 (SHEET 2 OF 2)**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	54
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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

PROFILE	REVISIONS	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1,2 m x 1,2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME = W:\dstatd\22x34\to18.dgn	USER NAME = geglisenobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-10		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

USER NAME = gchriiss	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_maintenance.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

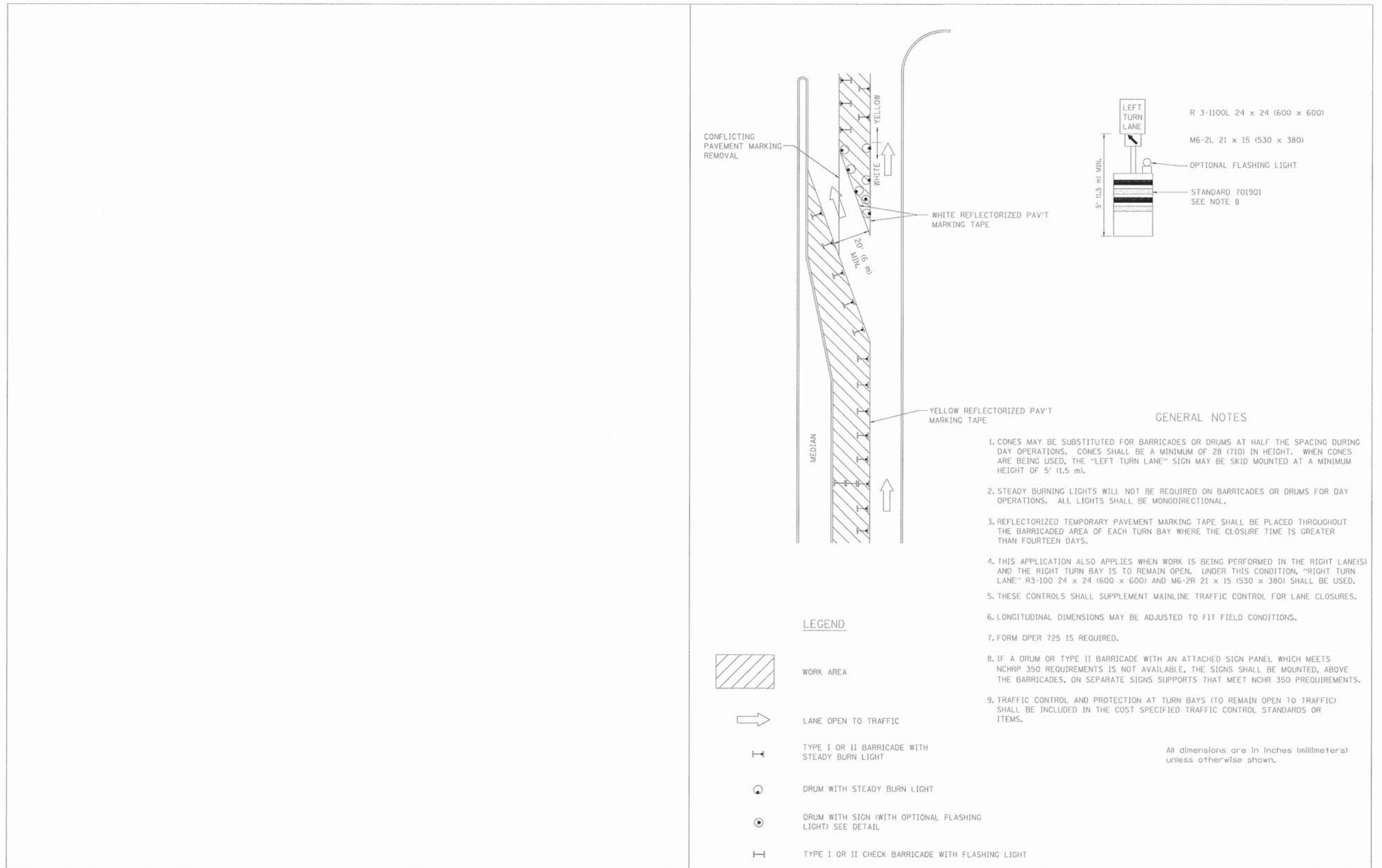
MAINTENANCE OF TRAFFIC
DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	55
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 63838		

SCALE: SHEET NO. OF SHEETS STA. TO STA.

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	DATE	



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER T25 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

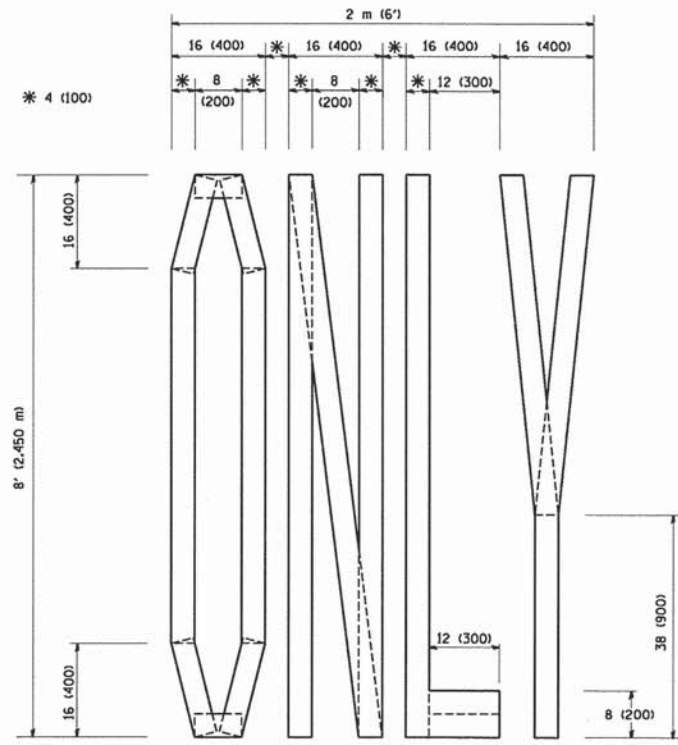
- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME = 604_motdet182.dgn	USER NAME = gchris	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE =	REVISED - A. HOUSEH 11-07-95	REVISED -				TC-14		CONTRACT NO.			
PLOT DATE = 6/4/2013	REVISED - A. HOUSEH 10-12-96	REVISED -				FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT					

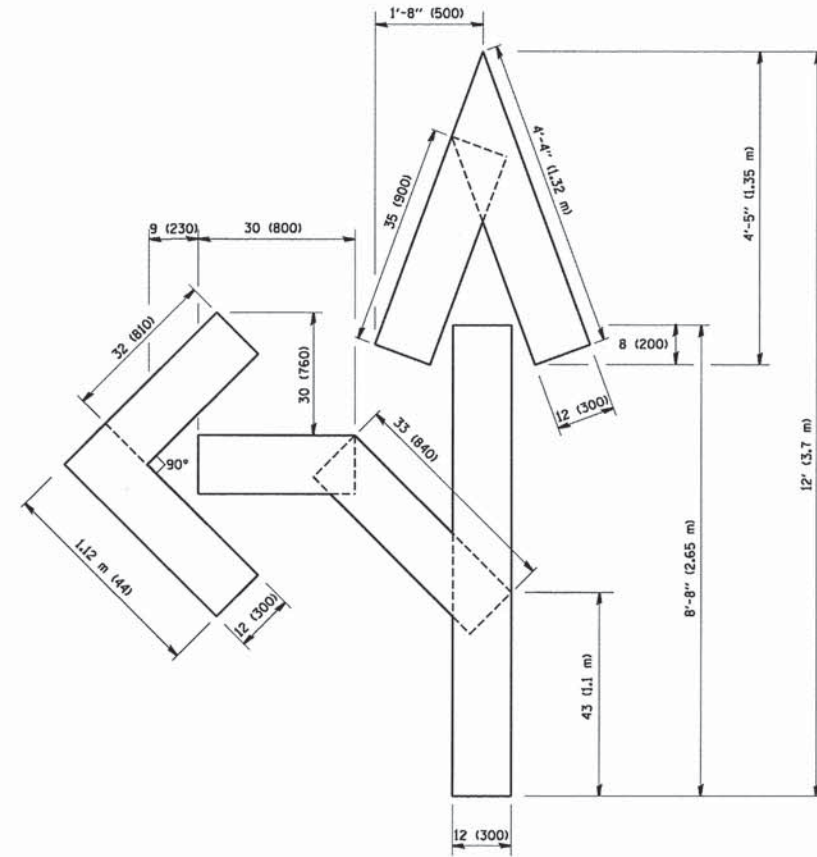
	HRGreen.com Illinois Professional Design Firm # 164-001322	DESIGNED - JRS	REVISED - 11/01/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	USER NAME = gchris	DRAWN - BAH	REVISED -			TC-14		CONTRACT NO. 63838			
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	PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -								

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

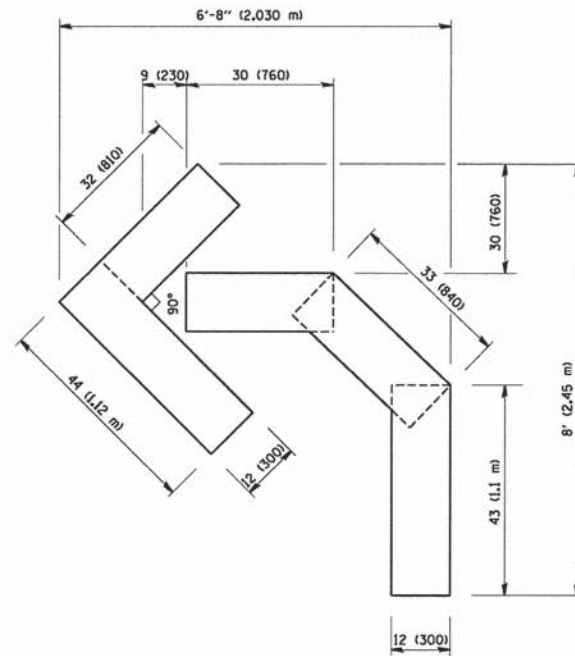
PROFILE	DATE
BY	
REVISIONS	
GRADES CHECKED	
STRUCTURE NOTATION CHFD	
NOTE BOOK	
NO.	



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

FILE NAME = V:\distatd\22x34\to16.dgn	USER NAME = geglennobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50,0000 "/ IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-16		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



USER NAME = gehriss	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_motdet03.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

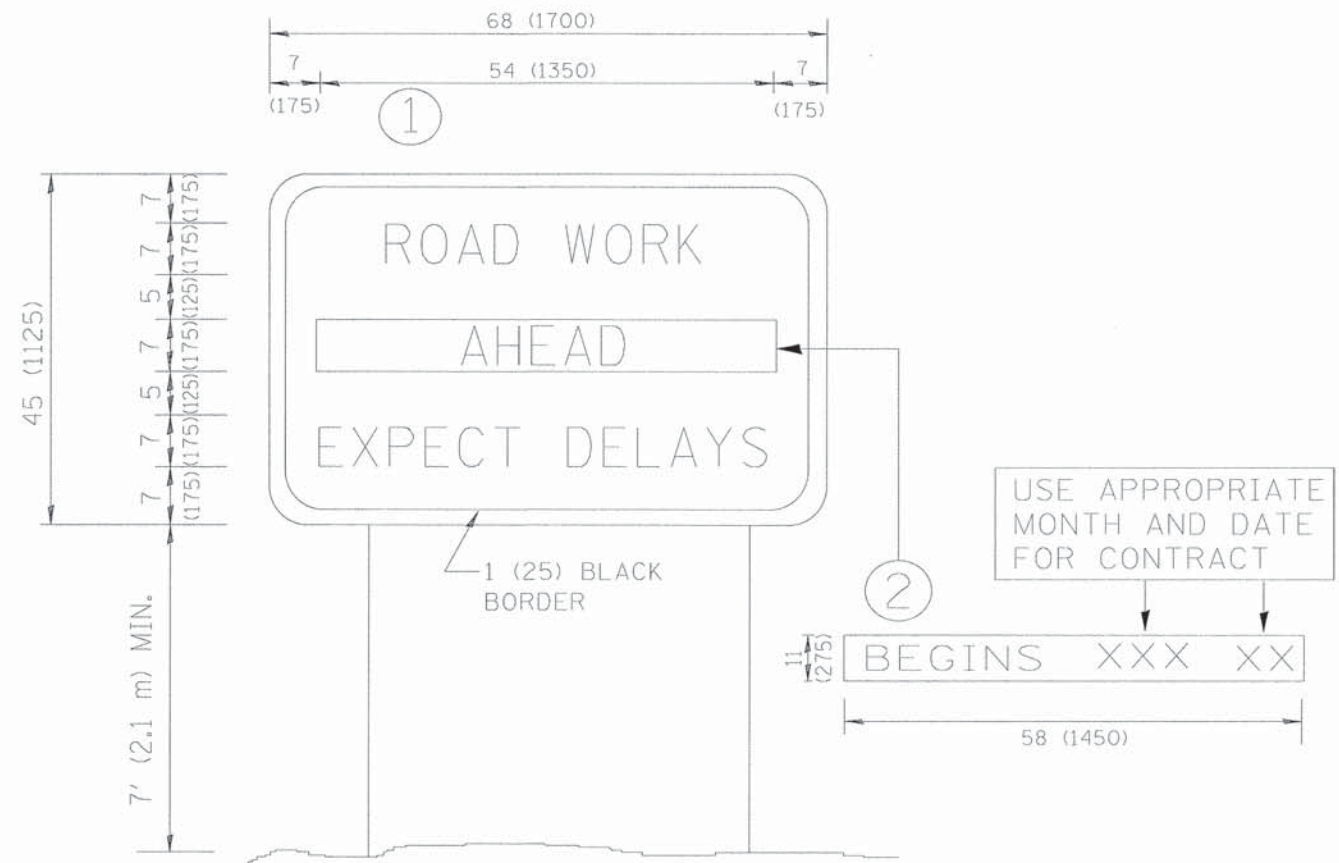
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
DETAILS

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			1522	07-00210-01-PV	DUPAGE/KANE	167	57
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
			CONTRACT NO. 63838				

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

PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS CHKD	



NOTES:

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

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

FILE NAME = 604_motdet04.dgn	USER NAME = gchriess	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
		CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 6/4/2013	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-22		CONTRACT NO.		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.



USER NAME = gchriess	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_motdet04.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
DETAILS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	58
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

PLAN	REVISIONS	DATE
NO.	BY	
	ALIGNED	CHECKED
	NOTE BOOK	CADD FILE NAME



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

NOTES:

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

PROFILE	REVISIONS	DATE
NO.	BY	
	GRADES CHECKED	CHECKED
	NOTE BOOK	STRUCTURE NOTATIONS CHECKED

FILE NAME = 604_motdet05.dgn	USER NAME = gchrs	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-26			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.



USER NAME = gchrs	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_motdet05.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 DETAILS**

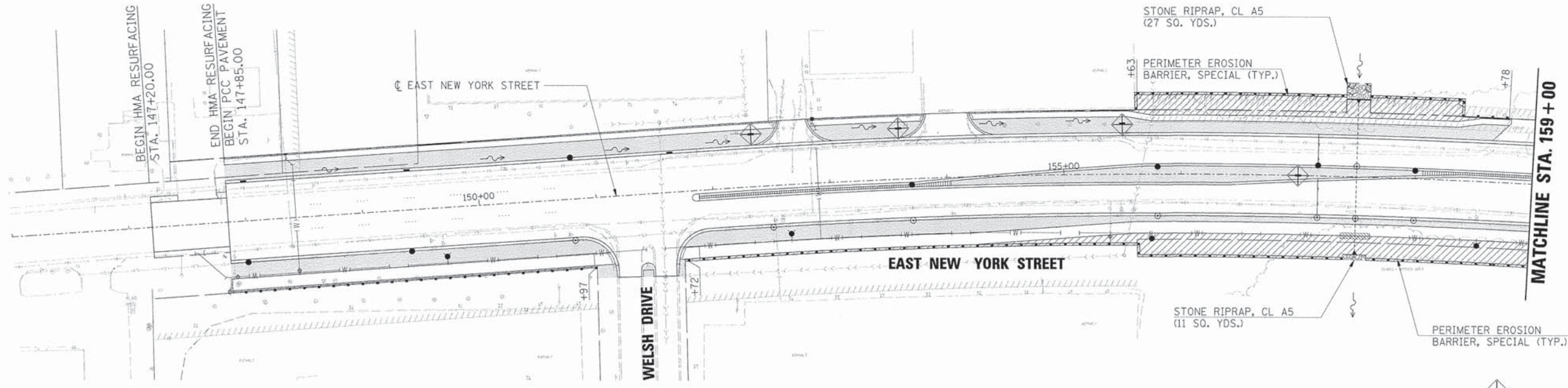
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	59
CONTRACT NO. 63838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.



PLAN	REVISIONS	DATE
NO.		
BY		
CHECKED		
DATE		
NO.		
BY		
CHECKED		
DATE		
NO.		
BY		
CHECKED		
DATE		
NO.		

PROFILE	REVISIONS	DATE
NO.		
BY		
CHECKED		
DATE		
NO.		
BY		
CHECKED		
DATE		
NO.		



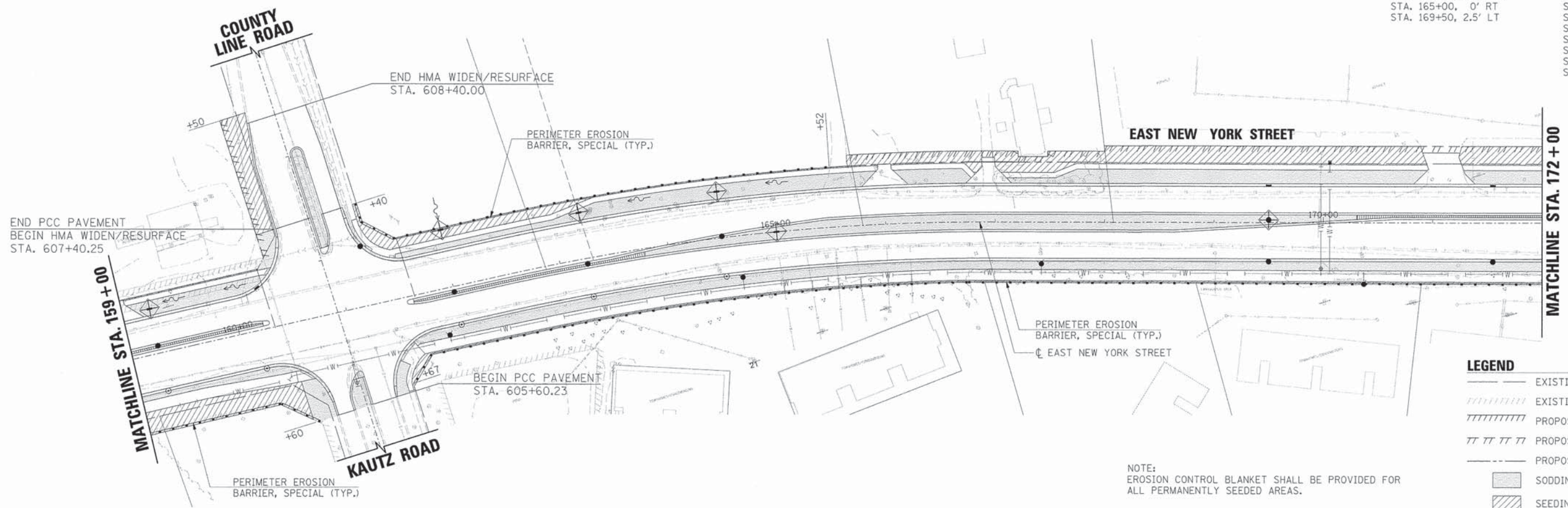
MATCHLINE STA. 159 + 00

INLET FILTERS

STA. 148+00, 33' LT
STA. 148+00, 33' RT
STA. 149+40, 33' LT
STA. 149+40, 33' RT
STA. 150+80, 33' LT
STA. 150+80, 33' RT
STA. 151+65, 33' LT
STA. 152+35, 45' LT
STA. 152+50, 33' RT
STA. 153+60, 43.5' LT
STA. 153+70, 3' RT
STA. 153+70, 33' RT
STA. 155+50, 42.5' LT
STA. 155+80, 33' RT
STA. 155+80, 9' LT
STA. 157+00, 0' RT
STA. 157+17, 33' RT
STA. 157+17, 9' LT
STA. 157+50, 33' RT
STA. 157+50, 9' LT
STA. 158+00, 33' RT
STA. 158+00, 9' LT
STA. 159+25, 33' RT
STA. 159+25, 9' LT
STA. 159+25, 41.5' LT
STA. 160+18, 33' RT
STA. 160+25, 37.8' LT
STA. 162+00, 3' RT
STA. 162+00, 33' RT
STA. 162+00, 53' LT
STA. 163+25, 33' RT
STA. 163+25, 42.5' LT
STA. 163+25, 9' RT
STA. 164+50, 42.50' LT
STA. 164+50, 5.3' LT
STA. 164+58, 33.0' RT
STA. 165+00, 0' RT
STA. 169+50, 2.50' LT
STA. 169+50, 33' LT
STA. 169+50, 33' RT
STA. 171+55, 33' LT
STA. 171+55, 33' RT

INLET AND PIPE PROTECTION

STA. 152+35, 45' LT
STA. 153+60, 43.5' LT
STA. 155+50, 42.5' LT
STA. 157+00, 0' RT
STA. 159+25, 41.5' LT
STA. 162+00, 53' LT
STA. 163+25, 42.5' LT
STA. 164+50, 42.50' LT
STA. 164+50, 5.3' LT
STA. 165+00, 0' RT
STA. 169+50, 2.5' LT



MATCHLINE STA. 172 + 00

LEGEND

	EXISTING RIGHT-OF-WAY
	EXISTING PERMANENT EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT
	PROPOSED RIGHT-OF-WAY
	SODDING SALT TOLERANT
	SEEDING CLASS 1A

NOTE:
EROSION CONTROL BLANKET SHALL BE PROVIDED FOR ALL PERMANENTLY SEEDING AREAS.



USER NAME =	gehrrss	DESIGNED -	JRS	REVISED -	11/01/2011
FILE NAME =	604_ero01.nxdgn	DRAWN -	BAH	REVISED -	
PLOT SCALE =		CHECKED -	APS	REVISED -	
PLOT DATE =	6/4/2013	DATE -	01/25/2013	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
(SHEET 1 OF 2)**

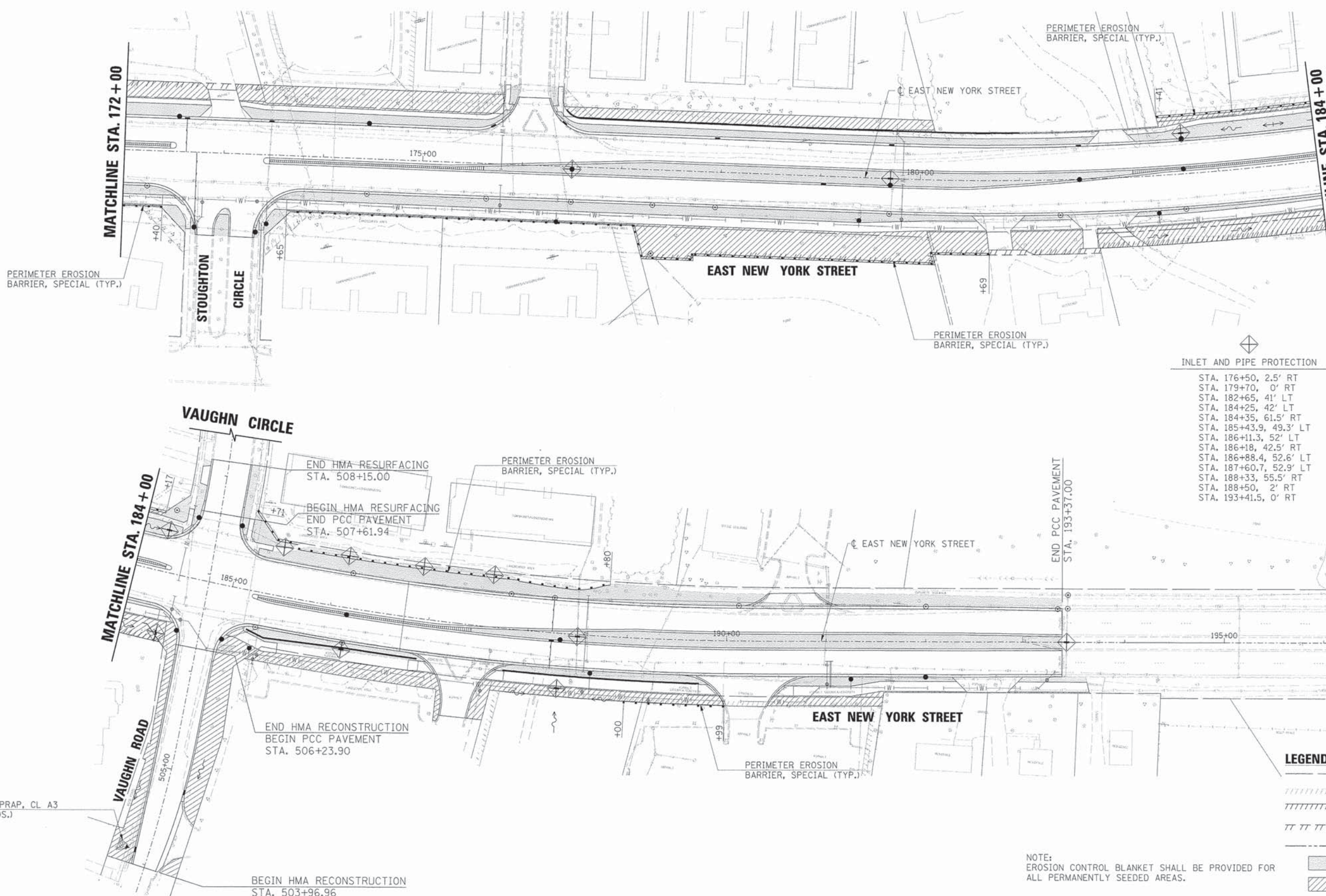
SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	60
FED. ROAD DIST. NO.	[ILLINOIS] FED. AID PROJECT	CONTRACT NO. 63838		



PLAN	DATE
BY	
CHECKED	
APPROVED	
NO.	

PROFILE	DATE
BY	
CHECKED	
APPROVED	
NO.	



STONE RIPRAP, CL. A3
(9 SQ. YDS.)

BEGIN HMA RECONSTRUCTION
STA. 503+96.96

END HMA RESURFACING
STA. 508+15.00
BEGIN HMA RESURFACING
END PCC PAVEMENT
STA. 507+61.94

END HMA RECONSTRUCTION
BEGIN PCC PAVEMENT
STA. 506+23.90

- INLET AND PIPE PROTECTION**
- STA. 176+50, 2.5' RT
 - STA. 179+70, 0' RT
 - STA. 182+65, 41' LT
 - STA. 184+25, 42' LT
 - STA. 184+35, 61.5' RT
 - STA. 185+43.9, 49.3' LT
 - STA. 186+11.3, 52' LT
 - STA. 186+18, 42.5' RT
 - STA. 186+88.4, 52.6' LT
 - STA. 187+60.7, 52.9' LT
 - STA. 188+33, 55.5' RT
 - STA. 188+50, 2' RT
 - STA. 193+41.5, 0' RT

- INLET FILTERS**
- STA. 172+24, 33' RT
 - STA. 172+54, 33' LT
 - STA. 172+62, 33' LT
 - STA. 172+75.2, 75.6' RT
 - STA. 173+47, 33' LT
 - STA. 173+31.8, 78.1' RT
 - STA. 174+45, 33' LT
 - STA. 174+45, 33' RT
 - STA. 175+65, 33' RT
 - STA. 175+70, 37.44' LT
 - STA. 176+41, 42.82' LT
 - STA. 176+50, 2.50' RT
 - STA. 176+50, 33' RT
 - STA. 177+32, 33' RT
 - STA. 177+32, 84.40' RT
 - STA. 177+95, 33' LT
 - STA. 177+95, 33' RT
 - STA. 179+03, 9' RT
 - STA. 179+70, 0' RT
 - STA. 179+70, 33' LT
 - STA. 179+70, 33' RT
 - STA. 179+70, 9' RT
 - STA. 181+40, 33' RT
 - STA. 181+60, 2.20' RT
 - STA. 181+60, 33' LT
 - STA. 182+65, 33' RT
 - STA. 182+65, 41' LT
 - STA. 182+65, 41' LT
 - STA. 182+65, 5' LT
 - STA. 184+35, 61.50' RT
 - STA. 185+30, 33' RT
 - STA. 186+18, 33' LT
 - STA. 186+18, 33' RT
 - STA. 186+18, 42.5' RT
 - STA. 186+18, 9' RT
 - STA. 187+80, 33' LT
 - STA. 188+24, 9' RT
 - STA. 188+24, 33' LT
 - STA. 188+33, 55.5' RT
 - STA. 188+33, 9' RT
 - STA. 188+50, 2' RT
 - STA. 190+12, 33' LT
 - STA. 192+00, 33' LT
 - STA. 192+00, 33' RT
 - STA. 193+42, 0' RT
 - STA. 193+43, 33' LT
 - STA. 193+43, 47.6' LT
 - STA. 607+01.5, 37.6' RT
 - STA. 504+12, 13.3' LT
 - STA. 504+80, 17.1' RT
 - STA. 506+38, 20.2' LT
 - STA. 506+38, 21.0' RT
 - STA. 507+37, 48' LT
 - STA. 507+54, 18.5' LT
 - STA. 507+54, 20.9' RT
 - STA. 507+58, 44' LT

LEGEND

	EXISTING RIGHT-OF-WAY
	EXISTING PERMANENT EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT
	PROPOSED RIGHT-OF-WAY
	SODDING SALT TOLERANT
	SEEDING CLASS 1A

NOTE:
EROSION CONTROL BLANKET SHALL BE PROVIDED FOR ALL PERMANENTLY SEEDING AREAS.



USER NAME	= gcharris
FILE NAME	= 604_ero02.mxdgn
PLOT SCALE	=
PLOT DATE	= 6/4/2013

DESIGNED	= JRS
DRAWN	= BAH
CHECKED	= APS
DATE	= 01/25/2013

REVISED	= 11/01/2011
REVISED	=
REVISED	=
REVISED	=

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
(SHEET 2 OF 2)**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	61
FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT		
		CONTRACT NO. 63838		

STORM REACH	STRUCTURE			STRUCTURE TYPE	CASTING	RIM ELEVATION	NORTH INVERT	SOUTH INVERT	EAST INVERT	WEST INVERT
	NUMBER	STATION	OFFSET							
1	1-01-IN A	148+00	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	714.42		711.40		
1	1-02-CB A	148+00	33.00' RT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	714.42	711.05		710.70	
1	1-03-IN A	149+40	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	712.53		709.40		
1	1-04-CB A	149+40	33.00' RT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	712.53	708.45		707.65	708.85
1	1-05-CB A	150+80	33.00' LT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	710.66		705.65	705.65	
1	1-06-MH A	150+80	33.00' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	710.66	704.95		704.65	704.65
1	1-07-IN A	151+65	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	709.98				706.50
1	1-08-IN A	152+35	45.00' LT	INLET, TYPE A	SPECIAL FRAME AND GRATE	707.30		704.02		
1	1-09-MH A	152+50	33.00' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	706.85	703.75		701.35	701.35
1	1-10-IN A	153+60	43.50' LT	INLET, TYPE A	SPECIAL FRAME AND GRATE	706.43		704.02		
1	1-11-CB A	153+70	3.00' RT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	706.65	703.50	703.50		
1	1-12-MH A	153+70	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	706.35	703.20		698.45	699.62
1	1-13-IN A	155+50	42.50' LT	INLET, TYPE A	SPECIAL FRAME AND GRATE	703.50		700.80		
1	1-14-CB A	155+80	9.00' LT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	703.57	700.35	700.35		
1	1-15-MH A	155+80	33.00' RT	MANHOLE, TYPE A, 6' DIAMETER	TYPE 24 FRAME AND GRATE	703.09	700.10		698.02	698.02
1	1-16-MH A*	157+17	33.00' RT	MANHOLE, TYPE A, 6' DIAMETER	TYPE 24 FRAME AND GRATE	702.48			697.78	697.78
1	1-17-IN A	157+00	0.00' RT	INLET, TYPE A	SPECIAL FRAME AND GRATE	703.24			699.18	
1	1-18-CB A*	157+17	9.00' LT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	702.96			699.00	699.00
1	1-19-FES	157+50	66.50' LT	PRCF END S EL EQRS 36"				699.33		
1	1-20-MH A	157+50	9.00' LT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 3V FRAME AND GRATE	703.00	698.55	698.55		698.55
1	1-21-MH A**	157+50	33.00' RT	MANHOLE, TYPE A, 8' DIAMETER	TYPE 24 FRAME AND GRATE	702.52	697.95	697.35	697.65	697.65
1	1-22-FES	157+50	65.80' RT	PRCF END S EL EQRS 36"			697.17			
2	2-01-IN A	164+50	42.50' LT	INLET, TYPE A	SPECIAL FRAME AND GRATE	711.45		708.55		
2	2-02-CB A	164+50	3.3' LT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	711.07	708.25	708.25	709.50	
2	2-03-IN A	165+00	0.0' RT	INLET, TYPE A	SPECIAL FRAME AND GRATE	712.41				709.75
2	2-04-MH A	164+50	33.0' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	710.34	707.50			707.50
2	2-05-IN A	163+25	42.50' LT	INLET, TYPE A	SPECIAL FRAME AND GRATE	709.30		705.80		
2	2-06-CB A	163+25	3.0' RT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	708.55	705.30	705.30		
2	2-07-MH A	163+25	33.00' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	707.78	705.00		704.45	703.60
2	2-08-IN A	162+00	53.00' LT	INLET, TYPE A	SPECIAL FRAME AND GRATE	705.00		703.00		
2	2-09-CB A	162+00	3.0' RT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	706.14	702.70	702.70		
2	2-10-MH A	162+00	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	705.63	702.55		701.75	701.75
2	2-11-IN A	160+25	37.80' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	704.41		701.40		
2	2-12-MH A	160+17.5	33.00' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	703.58	701.05		699.00	699.00
2	2-13-CB A	159+25	9.00' LT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	703.68	700.80	699.80		
2	2-14-MH A	159+25	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	703.20	699.60		698.52	698.52
2	2-15-CB A	158+00	9.00' LT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	703.18		699.30		
2	2-16-MH A	158+00	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	702.70	699.10		697.90	697.90
2	2-17-IN A	159+25	41.5' LT	INLET, TYPE A	SPECIAL FRAME AND GRATE	703.88		701.67		
3	3-01-IN A	169+50	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	710.37		707.40		
3	3-02-IN B	169+50	2.50' LT	INLET, TYPE B	SPECIAL FRAME AND GRATE	711.35	707.25	707.25		
3	3-03-CB A	169+50	33.00' RT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	710.37	707.05		707.05	
3	3-04-IN A	171+55	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	706.00		702.00		
3	3-05-CB A	171+55	33.00' RT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	706.00	701.35		701.00	703.55
3	3-06-CB A	172+54	33.00' LT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	705.44		702.10	702.10	
3	3-07-IN A*	172+62	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	705.44				702.20
3	3-08-MH A	172+24	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	705.00	701.70		700.50	700.50
3	3-09-IN A	173+47	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	705.90			703.00	
3	3-10-CB A	174+45	33.00' LT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	706.69		702.65		702.65
3	3-11-MH A	174+45	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	706.69	702.00		699.60	699.60
3	3-12-IN A	175+70	37.44' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	707.52		704.50		
3	3-13-MH A	175+65	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	707.65	704.00		699.00	699.00
3	3-14-IN A	176+41	42.82' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	707.66		705.70		
3	3-15-IN B	176+50	2.50' RT	INLET, TYPE B	SPECIAL FRAME AND GRATE	709.31	705.25	704.25		
3	3-16-MH A	176+50	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	708.33	703.90		698.60	698.60
3	3-17-MH A	177+32	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	708.99		697.90	703.65	698.20
3	3-18-MH A**	177+32	84.40' RT	MANHOLE, TYPE A, 5' DIAMETER	T1F CL	704.39	697.60	697.54		

* - SEE PIPE UNDERDRAINS WITH OUTLET TO DRIANAGE STRUCTURE IN CURB DETAIL

** - SEE RESTRICTOR MANHOLE DETAIL

PLAN	DESIGNED	DATE
	BY	
	CHECKED	
	DATE	
	NO.	

PROFILE	DESIGNED	DATE
	BY	
	CHECKED	
	DATE	
	NO.	



USER NAME = MFeiler
 FILE NAME = 604_togs01.dgn
 PLOT SCALE =
 PLOT DATE = 6/6/2013

DESIGNED - JRS
 DRAWN - BAH
 CHECKED - APS
 DATE - 01/25/2013

REVISED - 11/01/2011
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE
 (SHEET 1 OF 3)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	62
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

STORM REACH	STRUCTURE NUMBER	STATION	OFFSET	STRUCTURE TYPE	CASTING	RIM ELEVATION	NORTH INVERT	SOUTH INVERT	EAST INVERT	WEST INVERT
4	4-01-IN A	182+65	41.00' LT	INLET, TYPE A	SPECIAL FRAME AND GRATE	715.00		713.00		
4	4-02-CB A	182+65	33.00' LT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	715.71	712.90	712.90		
4	4-03-CB A	182+65	5.00' LT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	716.37	712.50	712.50		
4	4-04-MH A	182+65	33.00' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	717.39	712.10			711.85
4	4-05-IN A	181+60	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	714.77		710.65		
4	4-06-CB A	181+60	2.20' RT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	715.51	710.50	710.50		
4	4-07-MH A	181+40	33.00' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	716.19	710.30		711.40	709.85
4	4-08-IN A	179+70	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	712.04		709.40		
4	4-09-IN B	179+70	0.00' RT	INLET, TYPE B	SPECIAL FRAME AND GRATE	713.30	708.75	707.35		
4	4-10-IN A	179+03	9.00' RT	INLET, TYPE A	TYPE 3V FRAME AND GRATE	711.36			707.80	
4	4-11-CB A	179+70	9.00' RT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	712.52	707.15	707.15		707.15
4	4-12-MH A	179+70	33.00' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	713.04	706.40		705.75	705.75
4	4-13-IN A	177+95	33.00' LT	INLET, TYPE A	TYPE 24 FRAME AND GRATE	709.51		705.50		
4	4-14-MH A	177+95	33.00' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	709.51	705.00		704.00	704.00
5	5-01-IN A	184+35	61.50' RT	INLET, TYPE A	SPECIAL FRAME AND GRATE	714.87			711.90	
5	5-02-CB A	506+38	20.2' LT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	717.32			711.70	711.70
5	5-03-IN A	504+80	17.1' RT	INLET, TYPE A	TYPE 11 FRAME AND GRATE	716.84	713.00			
5	5-04-CB A	506+38	21.0' RT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	717.33	711.40	711.40		711.40
5	5-05-MH A	185+30	33.00' RT	MANHOLE, TYPE A, 4' DIAMETER	TYPE 24 FRAME AND GRATE	717.14		711.25	711.25	
5	5-06-IN A	186+17.5	42.5' RT	INLET, TYPE A	SPECIAL FRAME AND GRATE	715.75	712.10			
5	5-07-MH A	186+17.5	33.00' RT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	716.80	710.40	712.00		710.40
5	5-08-CB A	186+17.5	9.00' RT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	715.96	710.25	710.25		
5	5-09-MH A	186+17.5	33.00' LT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	715.12		710.05	710.05	
5	5-10-MH A	187+80	33.00' LT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	714.512			709.40	709.40
5	5-11-IN A	188+33	55.50' RT	INLET, TYPE A	SPECIAL FRAME AND GRATE	713.75	710.00			
5	5-12-IN A	188+24	9.00' RT	INLET, TYPE A	TYPE 3V FRAME AND GRATE	715.29			711.00	
5	5-13-CB A	188+33	9.00' RT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	715.29	709.37	709.75	710.85	710.75
5	5-14-IN A	188+50	2.00' RT	INLET, TYPE A	SPECIAL FRAME AND GRATE	715.63				711.00
5	5-15-MH A	188+24	33.00' LT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	714.45		709.20	709.20	709.20
5	5-16-MH A	190+12	33.00' LT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	715.32			708.30	708.30
5	5-17-CB A	192+00	33.00' RT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	715.16	711.25			
5	5-18-MH A	192+00	33.00' LT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	715.16		710.55	707.35	707.35
5	5-19-MH A	193+43	33.00' LT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	713.58	706.50	706.50		706.50
5	5-20-MH A**	193+43	47.60' LT	MANHOLE, TYPE A, 5' DIAMETER	T1F CL	714.22		706.47	706.22	
5	5-21-IN A	193+42	0.00' RT	INLET, TYPE A	SPECIAL FRAME AND GRATE	714.54	708.76			
5	5-22-MH A	193+32.5	31.50' LT	MANHOLE, TYPE A, 5' DIAMETER	TYPE 24 FRAME AND GRATE	713.80			706.55	706.55
6	6-01-IN A	504+12	13.3' LT	INLET, TYPE A	TYPE 11 FRAME AND GRATE	715.75	714.00			
6	6-02-FES	504+12	24' LT	PRC FLARED END SECTION, 12"			713.94			
7	7-01-IN A	507+37	48.0' LT	INLET, TYPE A	SPECIAL FRAME AND GRATE	715.50	712.00			
7	7-02-MH A	507+58	44.0' LT	MANHOLE, TYPE A, 4' DIAMETER	T1F CL	715.85		711.65	708.00	708.00
7	7-03-CB A	507+54	18.50' LT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	715.14			708.05	708.05
7	7-04-CB A	507+54	20.90' RT	CATCH BASIN, TYPE A	TYPE 24 FRAME AND GRATE	715.11			708.26	708.26
8	8-01-CB A *	172+75.2	75.6' RT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	704.91			701.09	701.09
8	8-02-CB A	173+31.8	78.1' RT	CATCH BASIN, TYPE A	TYPE 3V FRAME AND GRATE	704.89			700.45	700.45
9	9-01-CB C	607+01.5	37.6' RT	CATCH BASIN, TYPE C	TYPE 24 FRAME AND GRATE	705.30	702.54			

* - SEE PIPE UNDERDRAINS WITH OUTLET TO DRIANAGE STRUCTURE IN CURB DETAIL

** - SEE RESTRICTOR MANHOLE DETAIL

PLAN	DATE
REVISIONS	BY
PLOTTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO.	

PROFILE	DATE
REVISIONS	BY
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO.	



USER NAME	= gchris	DESIGNED	= JRS	REVISED	= 11/01/2011
FILE NAME	= 604_togs02.dgn	DRAWN	= BAH	REVISED	=
PLOT SCALE	=	CHECKED	= APS	REVISED	=
PLOT DATE	= 6/4/2013	DATE	= 01/25/2013	REVISED	=

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE
(SHEET 2 OF 3)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	63
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63838	

PLAN	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	REVISIONS	
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	DATE	
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	CHECKED	
	DATE	

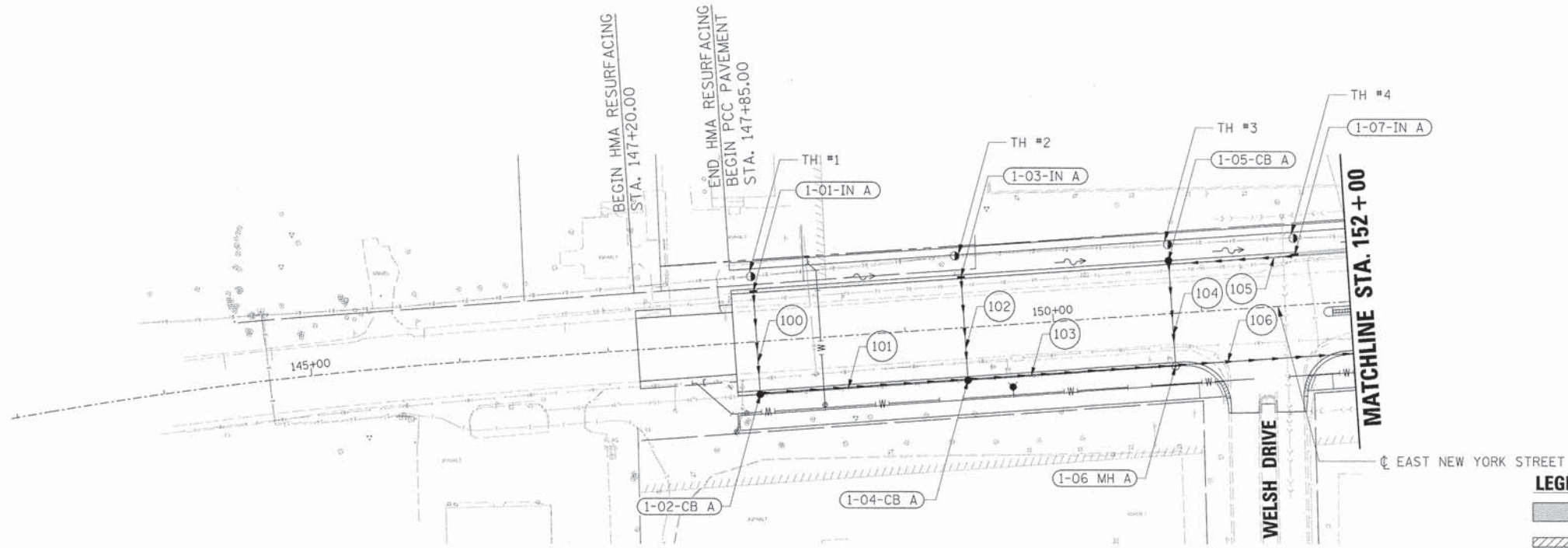
PROFILE	SUBMITTED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	REVISIONS	
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	CHECKED	
	DATE	

STORM REACH	PIPE TAG	SIZE	LENGTH	SLOPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	STORM REACH	PIPE TAG	SIZE	LENGTH	SLOPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	STORM REACH	PIPE TAG	SIZE	LENGTH	SLOPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE		
1	100	12 " SS WM REQ	66.0'	0.53 %	1-01-IN A	1-02-CB A																
1	101	12 " SS WM REQ	136.0'	1.36 %	1-02-CB A	1-04-CB A	3	300	12 " SS	30.0'	0.50 %	3-01-IN A	3-02-IN B	5	500	12 " SS	18.0'	1.11 %	5-01-IN A	5-02-CB A		
1	102	12 " SS	66.0'	1.44 %	1-03-IN A	1-04-CB A	3	301	12 " SS	35.0'	0.57 %	3-02-IN B	3-03-CB A	5	501	12 " SS WM REQ	42.0'	0.71 %	5-02-CB A	5-04-CB A		
1	103	15 " SS	136.0'	2.21 %	1-04-CB A	1-06-MH A	3	302	15 " SS WM REQ	201.0'	1.74 %	3-03-CB A	3-05-CB A	5	502	12 " SS WM REQ	156.0'	1.03 %	5-03-IN A	5-04-CB A		
1	104	12 " SS	66.0'	1.06 %	1-05-CB A	1-06-MH A	3	303	12 " SS	65.0'	1.00 %	3-04-IN A	3-05-CB A	5	503	15 " SS	32.0'	0.47 %	5-04-CB A	5-05-MH A		
1	105	12 " SS	82.0'	1.04 %	1-07-IN A	1-05-CB A	3	304	30 " SS	65.0'	0.77 %	3-05-CB A	3-08-MH A	5	504	15 " SS	85.0'	1.00 %	5-05-MH A	5-07-MH A		
1	106	18 " SS	165.0'	2.00 %	1-06-MH A	1-09-MH A	3	305	12 " SS	5.0'	2.00 %	3-07-IN A *	3-06-CB A	5	505	12 " SS	4.0'	2.50 %	5-06-IN A	5-07-MH A		
1	107	12 " SS	79.0'	0.34 %	1-08-IN A	1-09-MH A	3	306	12 " SS	71.0'	0.56 %	3-06-CB A	3-08-MH A	5	506	15 " SS	24.0'	0.62 %	5-07-MH A	5-08-CB A		
1	108	12 " SS	47.0'	1.11 %	1-10-IN A	1-11-CB A	3	307	30 " SS	216.0'	0.42 %	3-08-MH A	3-11-MH A	5	507	18 " SS	38.0'	0.53 %	5-08-CB A	5-09-MH A		
1	109	15 " SS	26.0'	1.15 %	1-11-CB A	1-12-MH A	3	308	12 " SS	95.0'	0.37 %	3-09-IN A	3-10-CB A	5	508	21 " SS	155.0'	0.42 %	5-09-MH A	5-10-MH A		
1	110	24 " SS	115.0'	1.50 %	1-09-MH A	1-12-MH A	3	309	12 " SS	65.0'	1.00 %	3-10-CB A	3-11-MH A	5	509	21 " SS	39.0'	0.51 %	5-10-MH A	5-15-MH A		
1	111	12 " SS	44.0'	1.02 %	1-13-IN A	1-14-CB A	3	310	30 " SS	115.0'	0.52 %	3-11-MH A	3-13-MH A	5	510	12 " SS	46.0'	0.54 %	5-11-IN A	5-13-CB A		
1	112	15 " SS	37.0'	0.68 %	1-14-CB A	1-15-MH A	3	311	12 " SS	70.0'	0.71 %	3-12-IN A	3-13-MH A	5	511	12 " SS	6.0'	4.17 %	5-12- IN A	5-13-CB A		
1	113	36 " SS	203.0'	0.21 %	1-12-MH A	1-15-MH A	3	312	30 " SS WM REQ	80.0'	0.50 %	3-13-MH A	3-16-MH A	5	512	12 " SS	15.0'	1.00 %	5-14-IN A	5-13-CB A		
1	114	36 " SS	130.0'	0.18 %	1-15-MH A	1-16-MH A*	3	313	12 " SS	44.0'	1.02 %	3-14-IN A	3-15-IN B	5	513	15 " SS	39.0'	0.44 %	5-13-CB A	5-15-MH A		
1	115	12 " SS	17.0'	1.06 %	1-17-IN A	1-18-CB A *	3	314	12 " SS	30.0'	1.17 %	3-15-IN B	3-16-MH A	5	514	24 " SS WM REQ	180.0'	0.50 %	5-15-MH A	5-16-MH A		
1	116	12 " SS	29.0'	1.55 %	1-18-CB A *	1-20-MH A	3	315	30 " SS	77.0'	0.52 %	3-16-MH A	3-17-MH A	5	515	24 " SS WM REQ	183.0'	0.52 %	5-16-MH A	5-18-MH A		
1	117	36 " P CUL EQRS	47.0'	1.66 %	1-19-FES	1-20-MH A	3	316	30 " SS	44.0'	0.68 %	3-17-MH A	3-18-MH A**	5	516	12 " SS	66.0'	1.06 %	5-17-CB A	5-18-MH A		
1	118	36 " P CUL EQRS	39.0'	1.54 %	1-20-MH A	1-21-MH A**								5	517	24 " SS	128.0'	0.66 %	5-18-MH A	5-19-MH A		
1	119	36 " SS	27.0'	0.48 %	1-16-MH A*	1-21-MH A**								5	518	24 " SS	10.0'	0.30 %	5-19-MH A	5-20-MH A**		
1	120	36 " SS WM REQ EQRS	17.0'	0.75 %	1-21-MH A**	1-22-FES	4	400	12 " SS	3.0'	3.33 %	4-01-IN A	4-02-CB A	5	519	24 " SS	5.0'	1.00 %	5-22-MH A	5-19-MH A		
							4	401	12 " SS	27.0'	1.48 %	4-02-CB A	4-03-CB A									
							4	402	12 " SS	36.0'	1.11 %	4-03-CB A	4-04-MH A	6	600	12 " SS	3.0'	2.00 %	6-01-IN A	6-02-FES		
2	200	12 " SS	38.0'	0.79 %	2-01-IN A	2-02-CB A	4	403	12 " SS	123.0'	0.37 %	4-04-MH A	4-07-MH A									
2	201	12 " SS	47.0'	0.53 %	2-03-IN A	2-02-CB A	4	404	12 " SS	31.0'	0.48 %	4-05-IN A	4-06-CB A	7	700	12 " SS	19.0'	1.84 %	7-01-IN A	7-02-MH A		
2	202	12 " SS	33.0'	2.27 %	2-02-CB A	2-04-MH A	4	405	12 " SS	37.0'	0.54 %	4-06-CB A	4-07-MH A	7	701	18 " SS WM REQ	20.0'	0.25 %	7-03-CB A	7-02-MH A		
2	203	12 " SS	119.0'	2.56 %	2-04-MH A	2-07-MH A	4	406	12 " SS WM REQ	168.0'	2.44 %	4-07-MH A	4-12-MH A									
2	204	12 " SS	44.0'	1.14 %	2-05-IN A	2-06-CB A	4	407	12 " SS	31.0'	2.10 %	4-08-IN A	4-09-IN B									
2	205	12 " SS	26.0'	1.15 %	2-06-CB A	2-07-MH A	4	408	12 " SS	64.0'	1.02 %	4-10-IN A	4-11-CB A									
2	206	15 " SS	119.0'	1.55 %	2-07-MH A	2-10-MH A	4	409	12 " SS	4.0'	5.00 %	4-09-IN B	4-11-CB A									
2	207	12 " SS	55.0'	0.55 %	2-08-IN A	2-09-CB A	4	410	12 " SS	25.0'	3.00 %	4-11-CB A	4-12-MH A									
2	208	12 " SS	26.0'	0.58 %	2-09-CB A	2-10-MH A	4	411	15 " SS	171.0'	1.02 %	4-12-MH A	4-14-MH A									
2	209	27 " SS	178.0'	1.54 %	2-10-MH A	2-12-MH A	4	412	12 " SS	66.0'	0.76 %	4-13-IN A	4-14-MH A									
2	210	12 " SS	70.0'	0.50 %	2-11-IN A	2-12-MH A	4	413	15 " SS	58.0'	0.60 %	4-14-MH A	3-17-MH A									
2	211	27 " SS	87.0'	0.55 %	2-12-MH A	2-14-MH A																
2	212	12 " SS	38.0'	0.53 %	2-13-CB A	2-14-MH A																
2	213	27 " SS	119.0'	0.52 %	2-14-MH A	2-16-MH A																
2	214	12 " SS	38.0'	0.53 %	2-15-CB A	2-16-MH A																
2	215	27 " SS	44.0'	0.57 %	2-16-MH A	1-21-MH A**																
3	216	12 " SS	31.0'	2.81 %	2-17-IN A	2-13-CB A																

SS - DENOTES STORM SEWER CLASS A, TYPE 2
SS WM REQ - DENOTES STORM SEWER (WATER MAIN REQUIREMENTS)
P CUL EQRS - DENOTES PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE

AT&T DUCT BANK INFORMATION

TH#1	STA. 147+99, 44.7' LT TOP OF DUCT ELEV = 710.47 N1855328.14 E1002917.688
TH#2	STA. 149+37, 48.5' LT TOP OF DUCT ELEV = 707.97 N1855340.472 E1003054.935
TH#3	STA. 150+80, 46.4' LT TOP OF DUCT ELEV = 705.64 N1855346.522 E1003198.343
TH#4	STA. 151+65, 45.0' LT TOP OF DUCT ELEV = 702.84 N1855349.949 E1003282.823

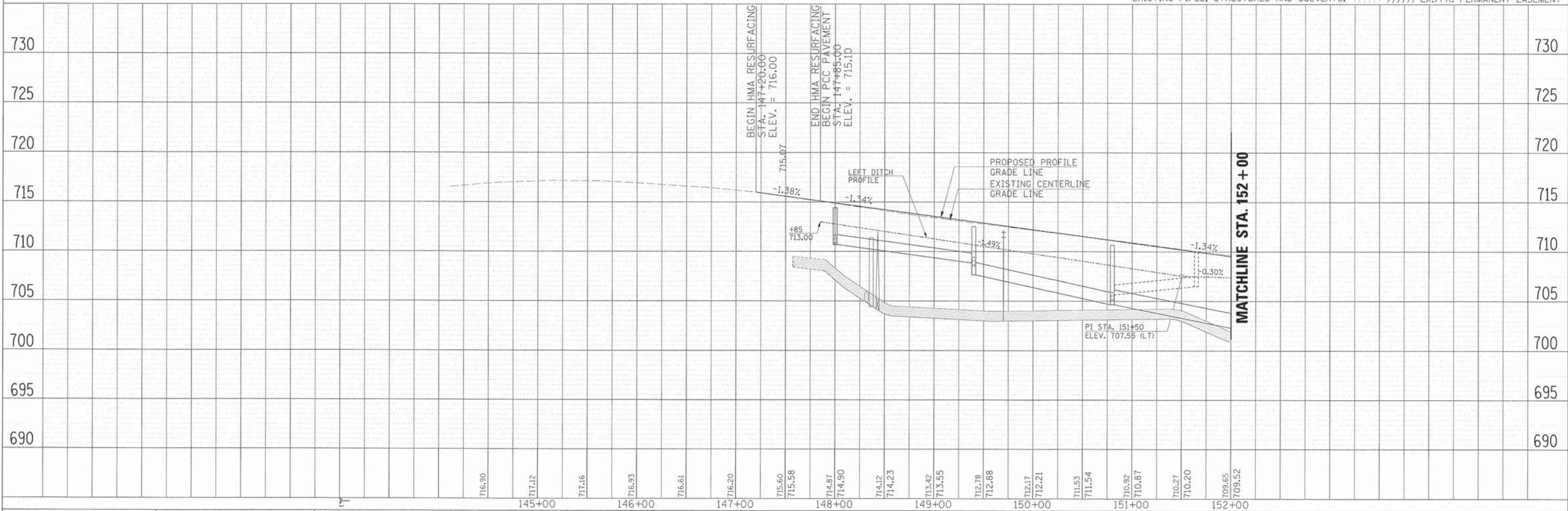


EAST NEW YORK STREET

LEGEND

- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
- INDICATES AREAS OF DEPRESSED CURB
- INDICATES AREAS OF BRICK PAVERS
- EXISTING R.O.W.
- PROPOSED R.O.W.
- EX./PR. TEMPORARY EASEMENT
- EX./PR. PERMANENT EASEMENT

NOTE: SEE REMOVAL PLANS FOR THE REMOVAL OF EXISTING PIPES, STRUCTURES AND CULVERTS.



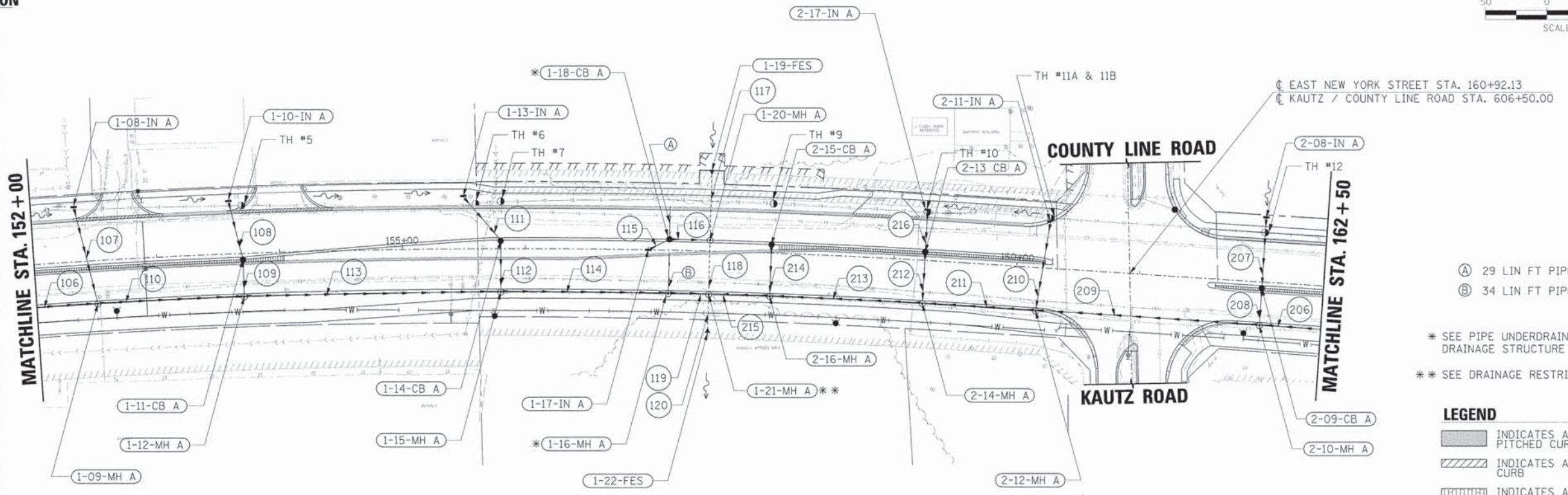
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HRGreen.com Illinois Professional Design Firm # 154-001322	USER NAME = gchris FILE NAME = 604_drn01_rj.dgn PLOT SCALE = PLOT DATE = 6/4/2013	DESIGNED - JRS DRAWN - BAH CHECKED - APS DATE - 01/25/2013	REVISED - 11/01/2011 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE EAST NEW YORK STREET STA. 147 + 20.00 TO STA. 152 + 00.00	F.A.U. RTE. 1522 SECTION 07-00210-01-PV COUNTY DUPAGE/KANE TOTAL SHEETS 167 SHEET NO. 65 CONTRACT NO. 63838
	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

AT&T DUCT BANK INFORMATION

TH#	STA	TOP OF DUCT ELEV	N	E
TH#5	153+70, 39.5' LT	703.29	N1855353.672	E1003489.712
TH#6	155+60, 37.1' LT	700.12	N1855353.294	E1003680.373
TH#7	155+80, 41.3' LT	699.15	N1855355.006	E1003700.76
TH#8	NONE			
TH#9	158+03, 41.3' LT	698.05	N1855350.873	E1003924.932
TH#10A	159+25, 39.5' LT	701.00	N1855341.885	E1004047.4308
TH#10B	159+25, 39.5' LT	699.26	N1855341.885	E1004047.4308
TH#11A	160+25, 41.0' LT	702.92	N1855335.9135	E1004148.139
TH#11B	160+25, 41.0' LT	703.27	N1855335.9135	E1004148.139
TH#12	162+00, 40.5' LT	702.37	N1855322.3023	E1004322.1922

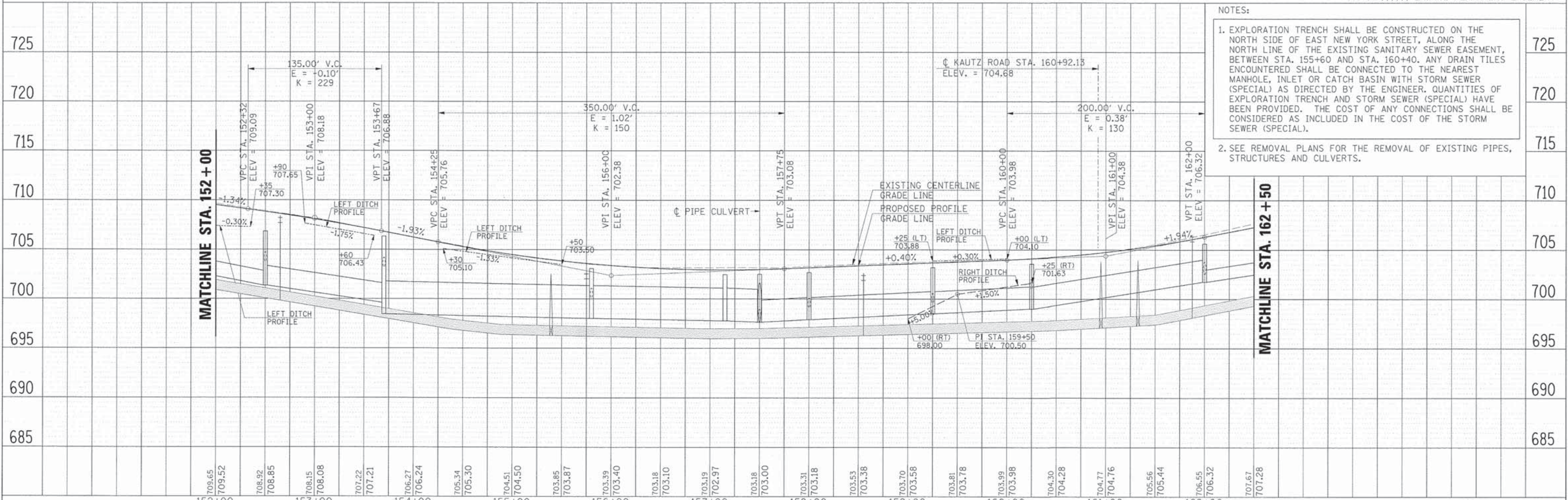


- (A) 29 LIN FT PIPE UNDERDRAINS 4"
- (B) 34 LIN FT PIPE UNDERDRAINS 4"
- * SEE PIPE UNDERDRAINS WITH OUTLET TO DRAINAGE STRUCTURE IN CURB DETAIL.
- ** SEE DRAINAGE RESTRICTOR MANHOLE DETAIL.

LEGEND

	INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
	INDICATES AREAS OF DEPRESSED CURB
	INDICATES AREAS OF BRICK PAVERS
	EXISTING R.O.W.
	PROPOSED R.O.W.
	EX./PR. TEMPORARY EASEMENT
	EX./PR. PERMANENT EASEMENT

EAST NEW YORK STREET



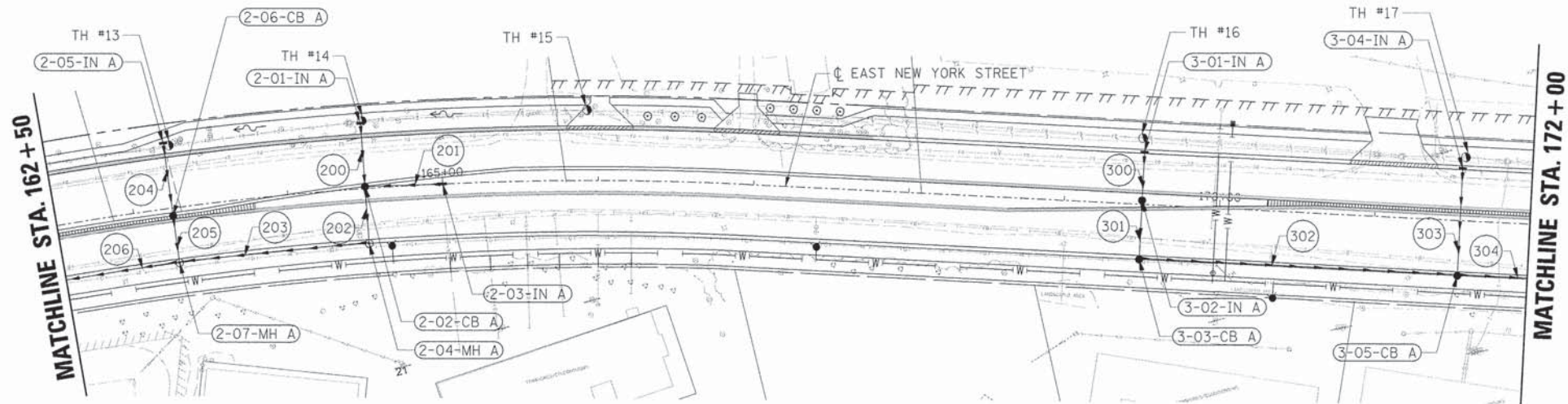
- NOTES:**
- EXPLORATION TRENCH SHALL BE CONSTRUCTED ON THE NORTH SIDE OF EAST NEW YORK STREET, ALONG THE NORTH LINE OF THE EXISTING SANITARY SEWER EASEMENT, BETWEEN STA. 155+60 AND STA. 160+40. ANY DRAIN TILES ENCOUNTERED SHALL BE CONNECTED TO THE NEAREST MANHOLE, INLET OR CATCH BASIN WITH STORM SEWER (SPECIAL) AS DIRECTED BY THE ENGINEER. QUANTITIES OF EXPLORATION TRENCH AND STORM SEWER (SPECIAL) HAVE BEEN PROVIDED. THE COST OF ANY CONNECTIONS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE STORM SEWER (SPECIAL).
 - SEE REMOVAL PLANS FOR THE REMOVAL OF EXISTING PIPES, STRUCTURES AND CULVERTS.

	USER NAME : gchris FILE NAME : 604_drn02_ny.dgn PLOT SCALE : PLOT DATE : 6/4/2013	DESIGNED - JRS DRAWN - BAH CHECKED - APS DATE - 01/25/2013	REVISED - 11/01/2011 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE EAST NEW YORK STREET STA. 152+00.00 TO STA. 162+50.00	F.A.U. RTE. : 1522 SECTION : 07-00210-01-PV COUNTY : DUPAGE/KANE TOTAL SHEETS : 167 SHEET NO. : 66 CONTRACT NO. : 63838
	SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. : ILLINOIS FED. AID PROJECT				



AT&T DUCT BANK INFORMATION

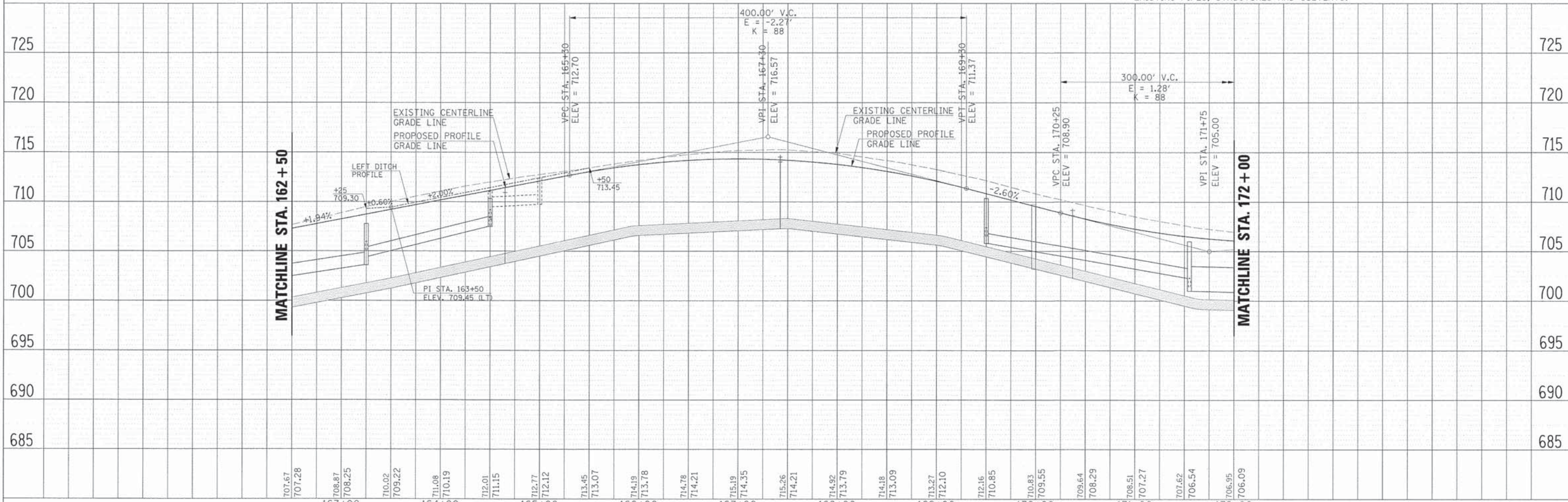
TH#13	STA. 163+28, 40.6' LT TOP OF DUCT ELEV = 704.36 N1855310.7927 E1004451.9054
TH#14	STA. 164+51, 44.0' LT TOP OF DUCT ELEV = 707.88 N1855295.6713 E1004576.2122
TH#15	STA. 165+93, 46.0' LT TOP OF DUCT ELEV = 710.45 N1855266.7314 E1004718.3525
TH#16	STA. 169+49, 42.9' LT TOP OF DUCT ELEV = 708.02 N1855160.2371 E1005060.2214
TH#17	STA. 171+57, 41.2' LT TOP OF DUCT ELEV = 701.34 N1855097.0572 E1005258.4876



- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT

EAST NEW YORK STREET

NOTE: SEE REMOVAL PLANS FOR THE REMOVAL OF EXISTING PIPES, STRUCTURES AND CULVERTS.



HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = gchris	DESIGNED - JRS	REVISED - 11/01/2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE EAST NEW YORK STREET STA. 162 + 50.00 TO 172 + 00.00			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILE NAME = 604.drn03.rwdgn	DRAWN - BAH	REVISED -		1522	07-00210-01-PV	DUPAGE/KANE	167	67			
	PLOT SCALE =	CHECKED - APS	REVISED -		CONTRACT NO. 63838							
	PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PLAN

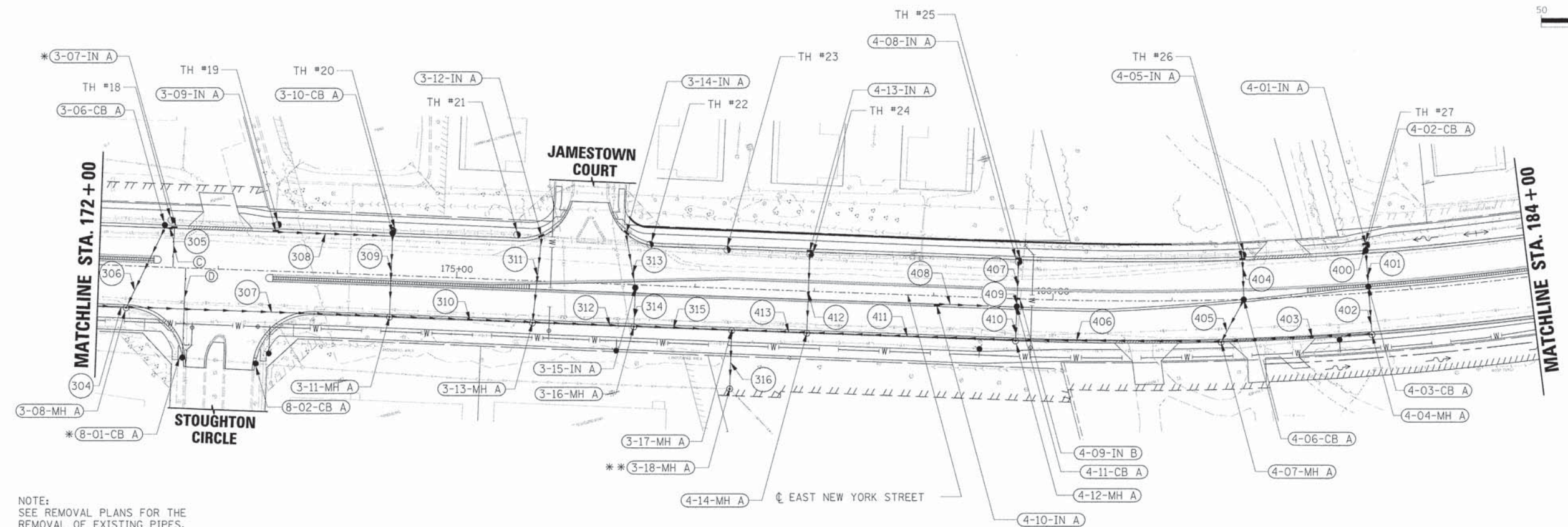
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NOTE:
SEE REMOVAL PLANS FOR THE
REMOVAL OF EXISTING PIPES,
STRUCTURES AND CULVERTS.

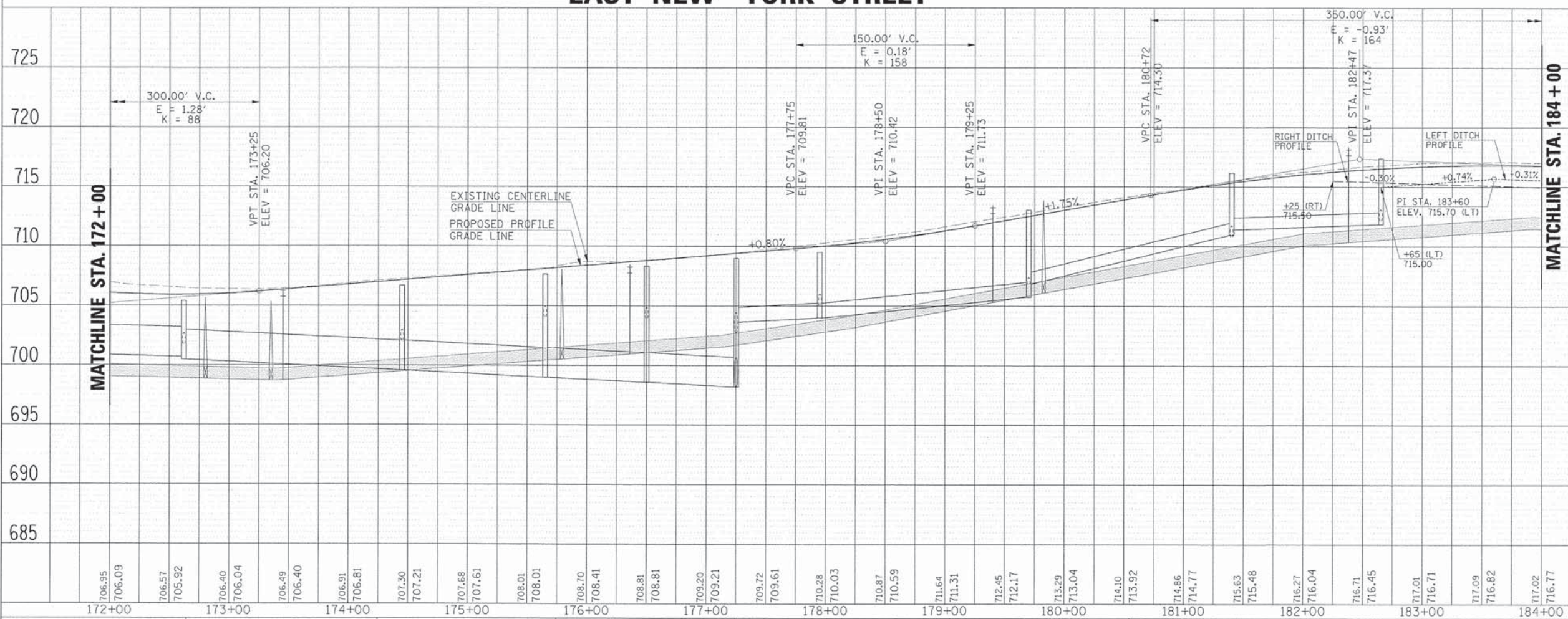
- ⊙ 33 LIN FT PIPE UNDERDRAINS 4"
- ⊕ 76 LIN FT PIPE UNDERDRAINS 4"

* SEE PIPE UNDERDRAINS WITH
OUTLET TO DRAINAGE STRUCTURE
IN CURB DETAIL.

** SEE RESTRICTOR MANHOLE DETAIL

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT

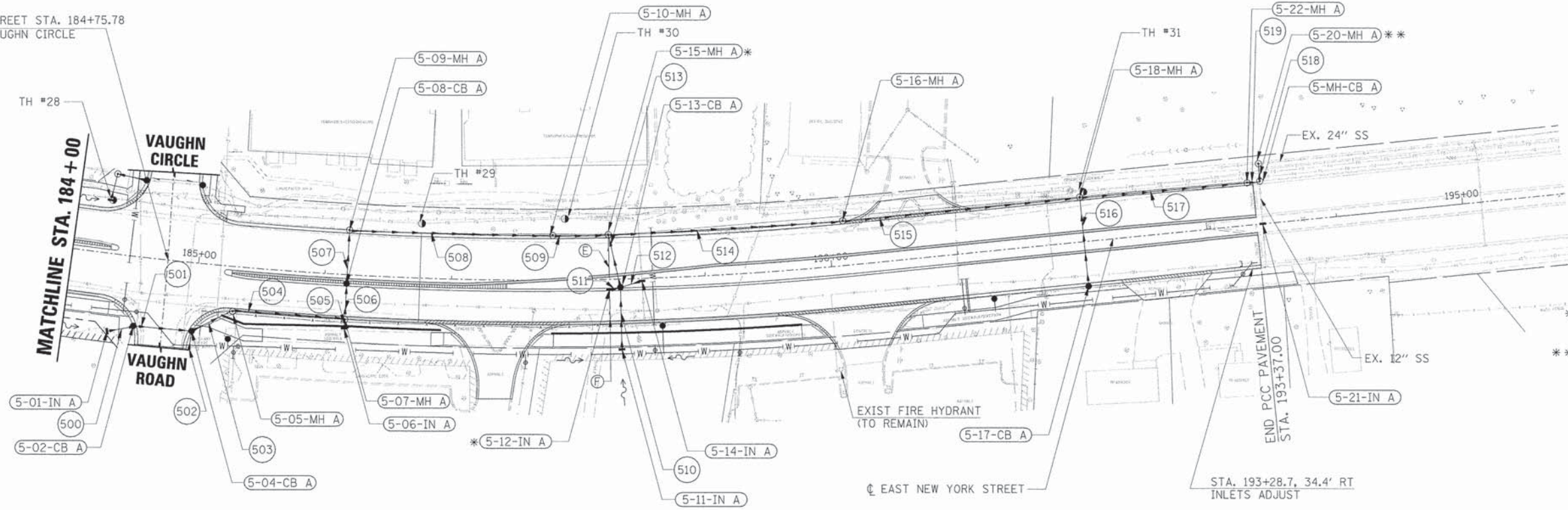
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AT&T DUCT BANK INFORMATION		
TH#18	STA. 172+59, 39.7' LT TOP OF DUCT ELEV = 701.64 N1855065.2854 E1005355.8791	725
TH#19	STA. 173+49, 39.3' LT TOP OF DUCT ELEV = 701.88 N1855038.3452 E1005441.355	720
TH#20	STA. 174+45, 37.8' LT TOP OF DUCT ELEV = 702.73 N1855008.3698 E1005532.8692	715
TH#21A	STA. 175+49, 38.3' LT TOP OF DUCT ELEV = 707.31 N1854977.9477 E1005632.6598	710
TH#21B	STA. 175+49, 38.3' LT TOP OF DUCT ELEV = 704.83 N1854977.9477 E1005632.6598	705
TH#23	STA. 177+26, 32.3' LT TOP OF DUCT ELEV = 706.03 N1854920.017 E1005799.375	700
TH#24	STA. 177+95, 31.1' LT TOP OF DUCT ELEV = 705.50 N1854898.229 E1005865.564	695
TH#25	STA. 179+70, 31.2' LT TOP OF DUCT ELEV = 709.98 N1854846.573 E1006032.571	690
TH#26	STA. 181+61, 37.4' LT TOP OF DUCT ELEV = 711.35 N1854803.405 E1006215.402	685
TH#27	STA. 182+66, 40.0' LT TOP OF DUCT ELEV = 712.42 N1854784.398 E1006317.462	



EAST NEW YORK STREET STA. 184+75.78
 VAUGHN ROAD / VAUGHN CIRCLE
 STA. 506+92.36



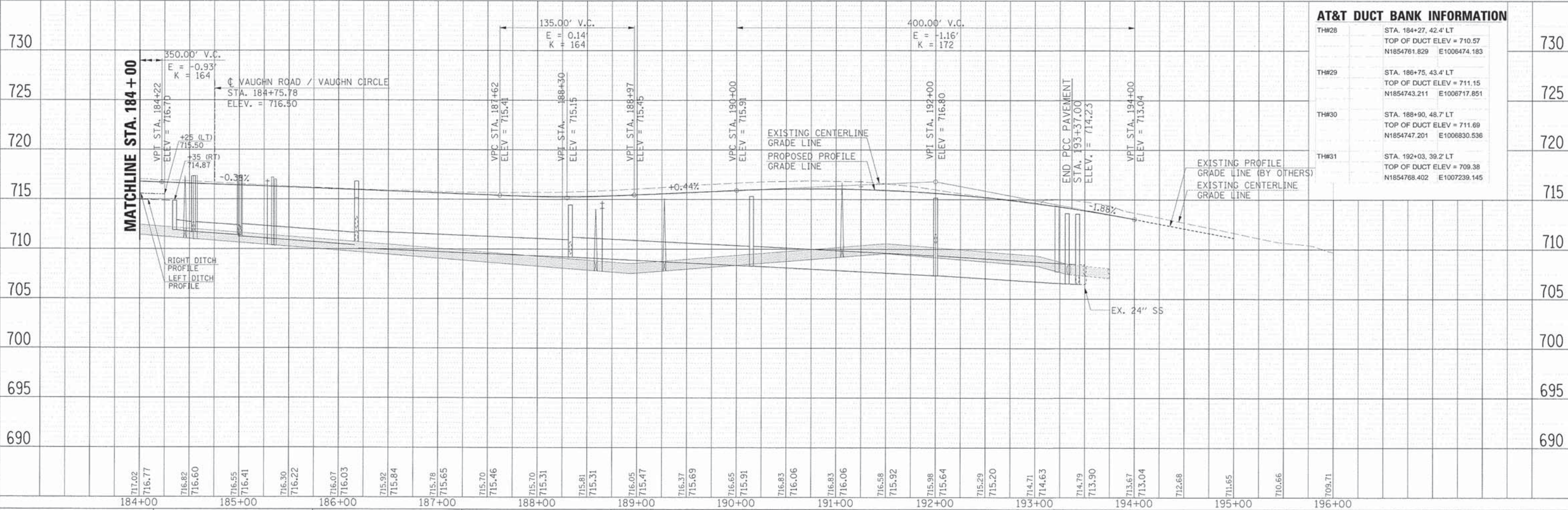
- Ⓔ 32 LIN FT PIPE UNDERDRAINS 4"
- Ⓕ 27 LIN FT PIPE UNDERDRAINS 4"

* SEE PIPE UNDERDRAINS WITH OUTLET TO DRAINAGE STRUCTURE IN CURB DETAIL.
 ** SEE DRAINAGE RESTRICTOR MANHOLE DETAIL.

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT

EAST NEW YORK STREET

NOTE:
 SEE REMOVAL PLANS FOR THE REMOVAL OF EXISTING PIPES, STRUCTURES AND CULVERTS.



AT&T DUCT BANK INFORMATION

TH#28	STA. 184+27, 42.4' LT TOP OF DUCT ELEV = 710.57 N1854761.829 E1006474.183	730
TH#29	STA. 186+75, 43.4' LT TOP OF DUCT ELEV = 711.15 N1854743.211 E1006717.851	725
TH#30	STA. 188+90, 48.7' LT TOP OF DUCT ELEV = 711.69 N1854747.201 E1006830.536	720
TH#31	STA. 192+03, 39.2' LT TOP OF DUCT ELEV = 709.38 N1854768.402 E1007239.145	715

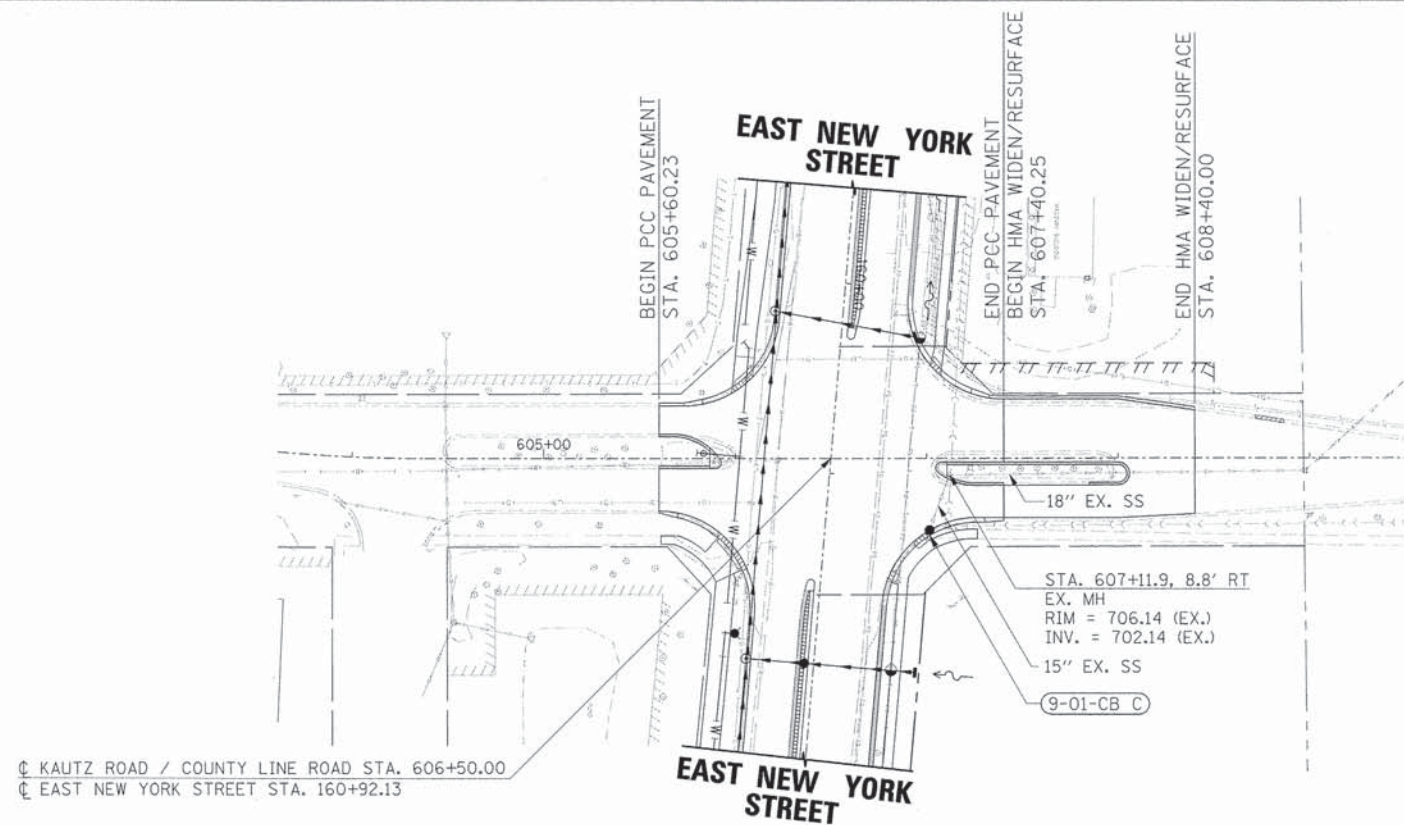
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NOTE BOOK	ALIGNMENT CHECKED	
	PLOTTED	
	ADDED FILE NAME	

PROFILE	REVISIONS	DATE
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NOTE BOOK	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

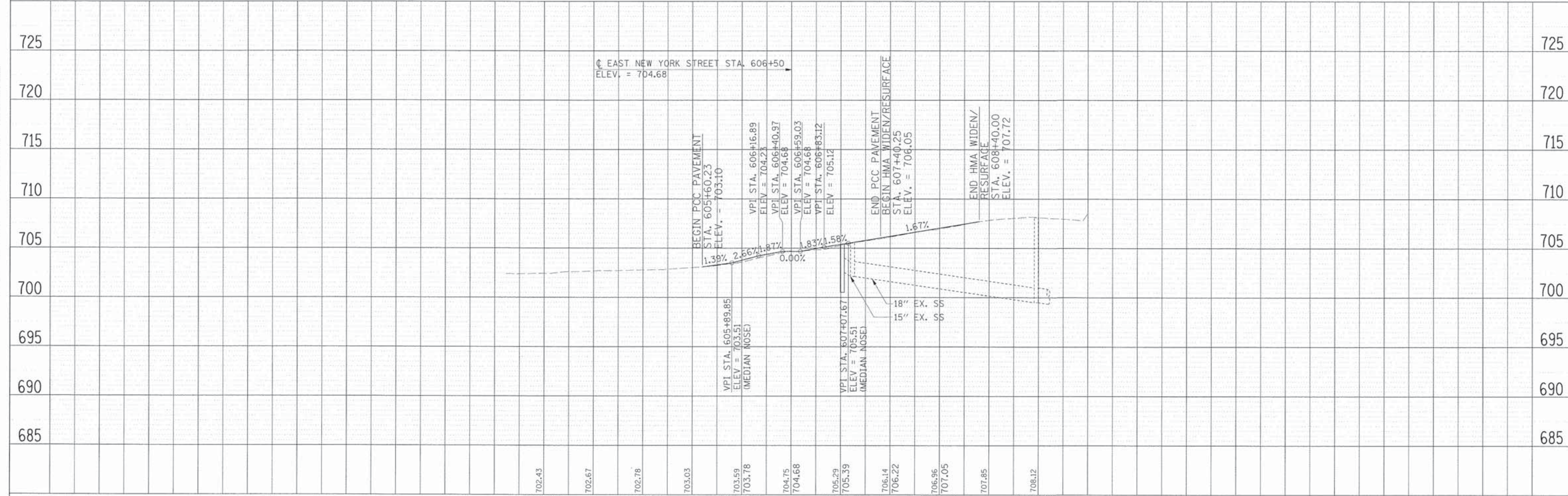


☐ KAUTZ ROAD / COUNTY LINE ROAD STA. 606+50.00
 ☐ EAST NEW YORK STREET STA. 160+92.13

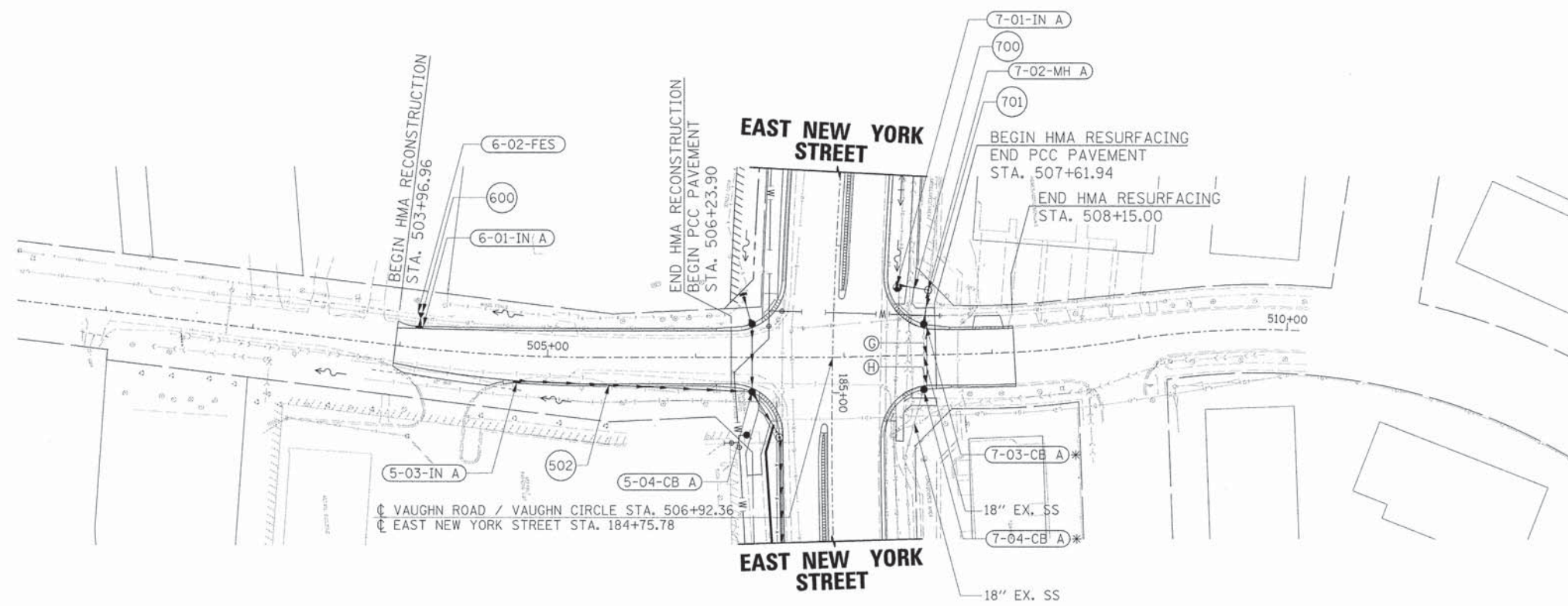
KAUTZ ROAD / COUNTY LINE ROAD

NOTE:
 SEE REMOVAL PLANS FOR THE REMOVAL OF EXISTING PIPES, STRUCTURES AND CULVERTS.

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT



	USER NAME = gahriss FILE NAME = 604.drn06.kautz.dgn PLOT SCALE = PLOT DATE = 6/4/2013	DESIGNED - JRS DRAWN - BAH CHECKED - APS DATE - 01/25/2013	REVISED - 11/01/2011 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE KAUTZ / COUNTY LINE ROAD STA. 605 + 60.23 TO 608 + 40.00	F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 70	CONTRACT NO. 63838
	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT								



- Ⓒ 21 LIN FT PIPE UNDERDRAINS 4"
- Ⓓ 24 LIN FT PIPE UNDERDRAINS 4"

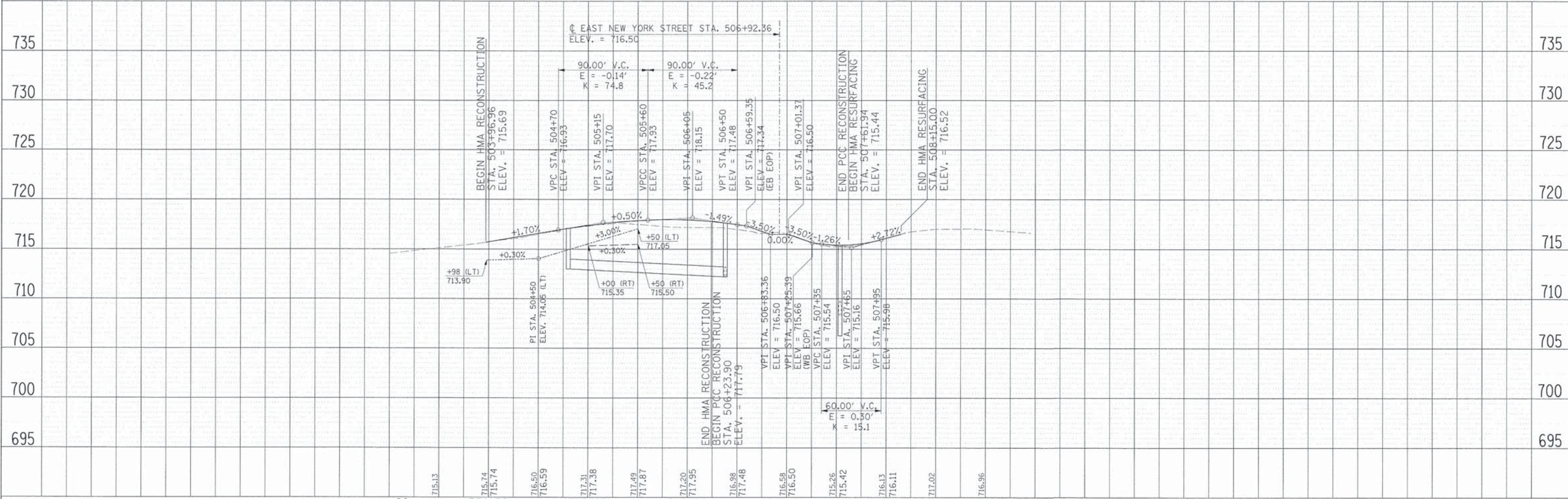
LEGEND

- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
- INDICATES AREAS OF DEPRESSED CURB
- INDICATES AREAS OF BRICK PAVERS
- EXISTING R.O.W.
- PROPOSED R.O.W.
- EX./PR. TEMPORARY EASEMENT
- EX./PR. PERMANENT EASEMENT

* SEE PIPE UNDERDRAINS WITH OUTLET TO DRAINAGE STRUCTURE IN CURB DETAIL.

NOTE: SEE REMOVAL PLANS FOR THE REMOVAL OF EXISTING PIPES, STRUCTURES AND CULVERTS.

VAUGHN ROAD / VAUGHN CIRCLE



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WATER MAIN REMOVAL SCHEDULE

R1	ABAN EX WM FILL CLSM STA 148+13.5, 25.0' RT - 153+25, 25.0' RT 512 LIN FT (12")
R2	ABAN EX WM FILL CLSM STA 148+38.6, 24.5' RT - 49.0' LT 72 LIN FT (8")
R3	ABAN EX WM FILL CLSM STA 153+25, 25.0' RT - 162+00, 26.7' RT 875 LIN FT (12")
R4	WATER MAIN REMOV 8 STA 160+95.4, 27.7' RT - 67.4' RT 40 LIN FT
R5	UNUSED
R6	ABAN EX WM FILL CLSM STA 162+00, 26.7' RT - 184+00, 25.5' RT 2200 LIN FT (12")
R7	ABAN EX WM FILL CLSM STA 169+95, 22' RT - 52' LT 71 LIN FT (12")
R8	ABAN EX WM FILL CLSM STA 172+75.1, 28.9' RT - 65.0' RT 36 LIN FT (8")
R9	ABAN EX WM FILL CLSM STA 175+92.2, 29.6' RT - 175+81.7, 56.5' LT 87 LIN FT (8")
R10	ABAN EX WM FILL CLSM STA 179+71.7, 29.8' RT - 44.0' LT 74 LIN FT (8")
R11	ABAN EX WM FILL CLSM STA 184+56.5, 20.5' RT - 184+46.4, 63.9' LT 87 LIN FT (8")
R12	ABAN EX WM FILL CLSM STA 185+33.1, 25.5' RT - 62.7' RT 35 LIN FT (8")
R13	ABAN EX WM FILL CLSM STA 188+61.2, 26.0' RT - 39.6' LT 64 LIN FT (8")
R14	ABAN EX WM FILL CLSM STA 189+29.1, 23.9' RT - 59.0' RT 45 LIN FT (8")
R15	UNUSED
R16	UNUSED
R17	UNUSED
R18	UNUSED
R19	UNUSED

R20	FILL VALVE VLTS STA. 148+38.6, 24.5' RT
R21	REM FIRE HYD/VALV ASS STA. 149+67.3, 30.8' RT
R22	CUT & CAP EX 8 WM STA. 148+37.8, 47.0' LT
R23	CUT & CAP EX 12 WM STA. 147+62.5, 25.0' RT
R24	UNUSED
R25	REM FIRE HYD/VALV ASS STA 152+58.4, 30.3' RT
R26	FILL VALVE VLTS STA. 155+39.1, 29.3' RT
R27	REM FIRE HYD/VALV ASS STA. 155+49.1, 32.4' RT
R28	REM FIRE HYD/VALV ASS STA 158+54.0, 33.0' RT
R29	FILL VALVE VLTS STA. 160+95.4, 27.7' RT
R30	FILL VALVE VLTS STA. 161+40.9, 26.4' RT
R31	REM FIRE HYD/VALV ASS STA 161+61.1, 44.3' RT
R32	UNUSED
R33	UNUSED
R34	REM FIRE HYD/VALV ASS STA 176+36.2, 35.6' RT
R35	REM FIRE HYD/VALV ASS STA 164+44.4, 30.3' RT
R36	REM FIRE HYD/VALV ASS STA 167+41.7, 28.5' RT
R37	REM FIRE HYD/VALV ASS STA 170+35.6, 30.3' RT
R38	CUT & CAP EX 12 WM STA. 169+97.5, 48.0' LT
R39	FILL VALVE VLTS STA. 189+28.9, 27.1' RT
R40	FILL VALVE VLTS STA. 172+71.6, 29.0' RT
R41	FILL VALVE VLTS STA. 173+37.2, 28.6' RT
R42	REM FIRE HYD/VALV ASS STA 173+80.9, 41.6' RT

R43	FILL VALVE VLTS STA. 175+92.2, 29.6' RT
R44	REM FIRE HYD/VALV ASS STA 179+40.6, 37.2' RT
R45	FILL VALVE VLTS STA. 179+81.5, 30.7' RT
R46	REM FIRE HYD/VALV ASS STA 182+37.4, 47.0' RT
R47	CUT & CAP EX 8 WM STA. 172+75.8, 65.0' RT
R48	CUT & CAP EX 8 WM STA. 175+81.7, 56.5' LT
R49	CUT & CAP EX 8 WM STA. 179+74.7, 42' LT
R50	FILL VALVE VLTS STA. 184+56.5, 20.5' RT
R51	FILL VALVE VLTS STA. 184+58.6, 28.2' RT
R52	FILL VALVE VLTS STA. 185+38.5, 25.4' RT
R53	FILL VALVE VLTS STA. 187+65.6, 24.3' RT
R54	REM FIRE HYD/VALV ASS STA 188+46.7, 49.1' RT
R55	FILL VALVE VLTS STA. 188+61.2, 26.0' RT
R56	FILL VALVE VLTS STA. 191+01.0, 23.7' RT
R57	REM FIRE HYD/VALV ASS STA 191+66.3, 40.8' RT
R58	FILL VALVE VLTS STA. 191+70.6, 26.5' RT
R59	UNUSED
R60	CUT & CAP EX 8 WM STA. 184+47.2, 57.7' LT
R61	CUT & CAP EX 8 WM STA. 185+33.9, 60.0' RT
R62	CUT & CAP EX 8 WM STA. 188+58.5, 38' LT
R63	CUT & CAP EX 8 WM STA. 189+29.1, 58' RT

R64	UNUSED
R65	CUT & CAP EX 12 WM STA. 193+22.0, 29.8' RT

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USER NAME = gchris	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 604_tog94.dgn	DRAWN - BAH	REVISED -
PLOT SCALE =	CHECKED - APS	REVISED -
PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WATER MAIN REMOVAL SCHEDULE

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	72
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63838	

+

WATER MAIN SCHEDULE

1-78	UNUSED	108D	DI WM CL52 POLY EN 12 7 LIN FT	124A	DI WT MNF 12 45.0 DB STA. 160+35, 50.5' RT	144	DI WM CL52 POLY EN 6 3 LIN FT HYDRANT LEAD STA. 176+36	88	DI WT MNF 8 45.0 DB STA. 172+75.8, 69.3' RT
79	DI WM CL52 POLY EN 12 7 LIN FT	108E	DI WM CL52 POLY EN 12 4 LIN FT	124B	DI WT MNF 12 45.0 DB STA. 160+38, 47.5' RT	145	DI WM CL52 POLY EN 6 5 LIN FT HYDRANT LEAD STA. 170+37	89	DI WM CL52 POLY EN 8 6 LIN FT
80	DI WAT MN TEE, 12X 8 STA. 147+84.0, 47.5' RT	109	DI WM CL52 POLY EN 12 127 LIN FT	125	DI WM CL52 POLY EN 12 4 LIN FT	146	CONN TO EX W MAIN 12 (NON-PRESSURE) STA. 169+97.8, 54.2' LT	90	DI WT MNF 8 45.0 DB STA. 172+80.0, 65.0' RT
81	DI WM CL52 POLY EN 8 18 LIN FT	110	DI WAT MN TEE, 12X 6 STA. 149+70, 47.5' RT	126	DI WM CL52 POLY EN 12 57 LIN FT	147	DI WM CL52 POLY EN 12 93 LIN FT	91	DI WM CL52 POLY EN 8 15 LIN FT
82	DI WT MNF 8 22.50 DB STA. 147+84.0, 56.7' RT	111	FIRE HYD W/AUX V & VB STA. 149+70, 42.0' RT BURY ELEV. = 711.45	127	DI WAT MN TEE, 12X 8 (FIELD VERIFY SIZE) STA. 160+95, 47.5' RT	148	WATER VALVES 12 VV TA 6 DIA T1F CL STA. 169+97.8, 41.76' RT RIM = 709.60	92	WATER VALVES 8 VV TA 4 DIA T1F CL STA. 172+80.0, 50.0' RT RIM = 705.65 (MATCH EXIST.)
83	DI WM CL52 POLY EN 8 10 LIN FT	112	DI WM CL52 POLY EN 12 294 LIN FT	128	DI WM CL52 POLY EN 8 22 LIN FT (FIELD VERIFY SIZE)	149	DI WM CL52 POLY EN 12 2 LIN FT	93	DI WM CL52 POLY EN 8 3 LIN FT
84	WATER VALVES 8 VALVE BOX STA. 147+81.5, 61.4' RT RIM = 711.00	113	CONN TO EX W MAIN 12 (NON-PRESSURE) STA. 148+37.75, 54.5' LT	129	WATER VALVES 8 VALVE BOX STA. 160+95, 66.5' RT RIM = 704.20	150	DI WAT MN TEE, 12X 6 STA. 164+65.2, 47.7' RT	94	DI WAT MN TEE, 12X 8 STA. 172+80.0, 47.2' RT
85	CONN TO EX W MAIN 8 (NON-PRESSURE) STA. 147+81.5, 61.4' RT	114	DI WAT MN TEE, 12X 6 STA. 152+65, 47.5' RT	130	CONN TO EX W MAIN 8 STA. 160+95, 70.0' RT	151	DI WM CL52 POLY EN 6 5 LIN FT HYDRANT LEAD STA. 164+65.2	163	DI WM CL52 POLY EN 12 55 LIN FT
100	CONN TO EX W MAIN 12 (NON-PRESSURE) STA. 147+55, 25.0' RT	115	FIRE HYD W/AUX V & VB STA. 152+65, 42.0' RT BURY ELEV. = 707.70	131	DI WM CL52 POLY EN 12 92 LIN FT	152	FIRE HYD W/AUX V & VB STA. 164+65, 38' RT BURY ELEV. = 710.95	164	CONN TO EX W MAIN 8 (NON-PRESSURE) STA. 179+75, 50.0' LT
101	DI WT MNF 12 45.0 DB STA. 147+57.5, 25.0' RT	116	DI WM CL52 POLY EN 12 8 LIN FT	132	WATER SERV RECONNECT 1-1/2 INCH DIAM. (FIELD VERIFY) STA. 165+02.6, 56.6' RT	153	DI WM CL52 POLY EN 12 271 LIN FT	165	WATER VALVES 12 VV TA 6 DIA T1F CL STA. 173+35, 47.3' RT RIM = 705.35 (MATCH EXIST.)
102	DI WT MNF 12 45.0 DB STA. 147+80, 47.5' RT	117	DI WM CL52 POLY EN 12 307 LIN FT	133	WATER SERV RECONNECT 1-1/2 INCH DIAM. (FIELD VERIFY) STA. 165+29.1, 56.4' RT	154	DI WAT MN TEE, 12X 6 STA. 167+42.3, 46.2' RT	166	DI WM CL52 POLY EN 12 8 LIN FT
103	STEEL CASING 20 25 LIN FT	95	DI WM CL52 POLY EN 12 36 LIN FT	134	WATER SERV RECONNECT 1-1/2 INCH DIAM. (FIELD VERIFY) STA. 165+53.6, 56.2' RT	155	DI WM CL52 POLY EN 6 3 LIN FT HYDRANT LEAD STA. 167+42.3	167	DI WAT MN TEE, 12X 6 STA. 173+45, 47.3' RT
104	DI WM CL52 POLY EN 12 31 LIN FT	96	DI WAT MN TEE, 12X 8 STA. 155+39.10, 50.1' RT	135	WATER SERV RECONNECT 1-1/2 INCH DIAM. (FIELD VERIFY) STA. 165+74.8, 56.2' RT	156	FIRE HYD W/AUX V & VB STA. 167+42.3, 38' RT BURY ELEV. = 714.05	168	DI WM CL52 POLY EN 6 17 LIN FT HYDRANT LEAD STA. STA. 173+45
105A	DI WM CL52 POLY EN 12 9 LIN FT	97	WATER VALVES 8 VALVE BOX STA. 155+39.10, 53.0' RT RIM = 702.55	136	WATER SERV RECONNECT 1-1/2 INCH DIAM. (FIELD VERIFY) STA. 166+00.1, 55.8' RT	157	DI WM CL52 POLY EN 12 255 LIN FT	169	FIRE HYD W/AUX V & VB STA. 173+45, 69.5' RT BURY ELEV. = 705.75
105B	DI WM CL52 POLY EN 12 50 LIN FT	98	DI WM CL52 POLY EN 8 8 LIN FT	137	WATER SERV RECONNECT 1-1/2 INCH DIAM. (FIELD VERIFY) STA. 166+22.1, 55.6' RT	158	DI WAT MN TEE, 12X 12 STA. 169+97.8, 46.6' RT	170	DI WM CL52 POLY EN 12 234 LIN FT
105C	DI WM CL52 POLY EN 12 2 LIN FT	99	CONN TO EX W MAIN 8 (NON-PRESSURE) STA. 155+39.10, 60.00' RT	138	DI WAT MN TEE, 12X 6 STA. 161+87.5, 47.5' RT	159	DI WM CL52 POLY EN 12 39 LIN FT	171	DI WAT MN TEE, 12X 8 STA. 175+79, 47.7' RT
105D	WATER VALVES 12 VV TA 6 DIA T1F CL STA. 148+43.0, 45.5' RT RIM = 712.00	118	DI WAT MN TEE, 12X 6 STA. 155+75, 50.4' RT	139	FIRE HYD W/AUX V & VB STA. 161+87.50, 42.5' RT BURY ELEV. = 706.10	160	DI WAT MN TEE, 12X 6 STA. 170+37, 46.7' RT	172	DI WM CL52 POLY EN 8 5 LIN FT
106	WATER VALVES 12 VV TA 6 DIA T1F CL STA. 147+90, 47.50' RT RIM = 711.40	119	FIRE HYD W/AUX V & VB STA. 155+75, 55.0' RT BURY ELEV. = 702.05	140	DI WM CL52 POLY EN 12 4 LIN FT	161	FIRE HYD W/AUX V & VB STA. 170+37, 56' RT BURY ELEV. = 708.65	173	WATER VALVES 8 VV TA 4 DIA T1F CL STA. 175+79, 41.5' RT RIM = 708.05
107	DI WAT MN TEE, 12X 12 STA. 148+43.0, 47.5' RT	120	DI WM CL52 POLY EN 12 277 LIN FT	141	DI WM CL52 POLY EN 12 272 LIN FT	162	DI WM CL52 POLY EN 12 243 LIN FT	174	DI WM CL52 POLY EN 8 113 LIN FT
108A	DI WM CL52 POLY EN 12 91 LIN FT	121	DI WAT MN TEE, 12X 6 STA. 158+55, 50.5' RT	142	WATER SERV LINE 2 102 LIN FT	86	CONN TO EX W MAIN 8 (NON-PRESSURE) STA. 172+76.0, 78.0' RT	175	CONN TO EX W MAIN 8 (NON-PRESSURE) STA. 175+77.5, 71.5' LT
108B	DI WT MNF 12 45.0 DB STA. 148+43.0, 45.0' LT	122	FIRE HYD W/AUX V & VB STA. 158+55, 55.0' RT BURY ELEV. = 701.90	143	CURB STOP & BOX 2 STA. 170+06, 55.0' LT RIM ELEV. = 709.50	87	DI WM CL52 POLY EN 8 8 LIN FT	176	DI WM CL52 POLY EN 12 57 LIN FT
108C	DI WT MNF 12 45.0 DB STA. 148+37.8, 50.2' LT	123	DI WM CL52 POLY EN 12 179 LIN FT					177	DI WAT MN TEE, 12X 6 STA. 176+36, 47.8' RT

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USER NAME	= ghr11ss	DESIGNED	= JRS	REVISED	= 11/01/2011
FILE NAME	= 604_tag905.dgn	DRAWN	= BAH	REVISED	=
PLOT SCALE	=	CHECKED	= APS	REVISED	=
PLOT DATE	= 6/4/2013	DATE	= 01/25/2013	REVISED	=

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WATER MAIN SCHEDULE
(SHEET 1 OF 2)**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							1522	07-00210-01-PV	DUPAGE/KANE	167	73
							FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
							CONTRACT NO. 63838				

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WATER MAIN SCHEDULE (CONT.)

178	FIRE HYD W/AUX V & VB STA. 176+36, 56.0' RT BURY ELEV. = 707.75	199	DI WM CL52 POLY EN 12 6 LIN FT	219	WATER VALVES 8 VALVE BOX STA. 188+58.5, 57.0' RT RIM = 714.05	238A	WATER SERV RECONNECT 3-INCH DIAM. (FIELD VERIFY) STA. 191+04, 20.0' RT	258	DI WM CL52 POLY EN 12 81 LIN FT
179	DI WM CL52 POLY EN 12 304 LIN FT	200	DI WAT MN TEE, 12X 8 STA. 184+45.5, 43.7' RT	220	DI WM CL52 POLY EN 8 97 LIN FT	238B	WATER SERV RECONNECT 3-INCH DIAM. (FIELD VERIFY) STA. 191+05, 20.0' RT	259	DI WM CL52 POLY EN 6 4 LIN FT HYDRANT LEAD STA. 191+01
180	DI WAT MN TEE, 12X 6 STA. 179+40, 48.4' RT	201	DI WM CL52 POLY EN 8 6 LIN FT	221	DI WAT MN TEE, 12X 8 STA. 188+65, 59.3' RT	239	DI WM CL52 POLY EN 12 20 LIN FT	260	DI WM CL52 POLY EN 8 7 LIN FT
181	DI WM CL52 POLY EN 6 4 LIN FT HYDRANT LEAD STA. 182+38	202	WATER VALVES 8 VV TA 4 DIA T1F CL STA. 184+45.5, 35.0' RT RIM = 717.50	222	DI WM CL52 POLY EN 6 16 LIN FT HYDRANT LEAD STA. 188+65	240	DI WAT MN TEE, 12X 6 STA. 191+25, 46.5' RT	261	WATER SERV LINE 1 1/2 9 LIN FT
182	FIRE HYD W/AUX V & VB STA. 179+40, 43.4' RT BURY ELEV. = 712.75	203	DI WM CL52 POLY EN 8 104 LIN FT	223	FIRE HYD W/AUX V & VB STA. 188+65, 38.0' RT BURY ELEV. = 714.12	241	FIRE HYD W/AUX V & VB STA. 191+25, 38.0' RT BURY ELEV. = 716.30	262	WATER SERV LINE 1 1/2 9 LIN FT
183	DI WM CL52 POLY EN 12 42 LIN FT	204	CONN TO EX W MAIN 8 (NON-PRESSURE) STA. 184+45.5, 71.5' LT	224	DI WM CL52 POLY EN 12 60 LIN FT	242	DI WM CL52 POLY EN 12 188 LIN FT	263	WATER SERV LINE 1 1/2 9 LIN FT
184	DI WAT MN TEE, 12X 8 STA. 179+82.5, 48.5' RT	205	DI WM CL52 POLY EN 12 10 LIN FT	225	DI WAT MN TEE, 12X 8 STA. 189+23.75, 59.75' RT	243	DI WT MNF 12 45.0 DB STA. 193+13.5, 46.5' RT	264	WATER SERV LINE 1 1/2 9 LIN FT
185	DI WM CL52 POLY EN 8 5 LIN FT	206	WATER VALVES 12 VV TA 6 DIA T1F CL STA. 184+55.85, 43.5' RT RIM = 717.60	226	DI WM CL52 POLY EN 8 2 LIN FT	244	DI WM CL52 POLY EN 12 10 LIN FT	265	WATER SERV LINE 1 1/2 9 LIN FT
186	WATER VALVES 8 VALVE BOX STA. 179+82.5, 40.8' RT RIM = 713.85	207A	DI WT MNF 12 45.0 DB STA. 184+64.2, 43.4' RT	227	WATER VALVES 8 VALVE BOX STA. 189+23.75, 62' RT RIM = 715.10	245	WATER VALVES 12 VV TA 6 DIA T1F CL STA. 193+22, 38.0' RT RIM = 714.40	266	WATER SERV LINE 1 1/2 9 LIN FT
187	DI WM CL52 POLY EN 8 78 LIN FT	207B	DI WT MNF 12 45.0 DB STA. 184+86.9, 66.4' RT	228	DI WM CL52 POLY EN 12 75 LIN FT	246	DI WM CL52 POLY EN 12 9 LIN FT		
188A	DI WT MNF 8 45.0 DB STA. 179+82.5, 37.6' LT	208	DI WM CL52 POLY EN 12 32 LIN FT	229A	DI WT MNF 12 45.0 DB STA. 190+78.7, 61.0' RT	247	DI WT MNF 12 45.0 DB STA. 193+29.8, 30.2' RT		
188B	DI WT MNF 8 45.0 DB STA. 179+75, 45.0' LT	209	DI WM CL52 POLY EN 12 42 LIN FT	229B	DI WT MNF 12 45.0 DB STA. 190+93.2, 46.5' RT	248	CONN TO EX W MAIN 12 (NON-PRESSURE) STA. 193+34, 30.2' RT		
189	DI WM CL52 POLY EN 8 10 LIN FT	210	DI WAT MN TEE, 12X 6 STA. 185+28.7, 63.0' RT	230	DI WM CL52 POLY EN 12 20 LIN FT	249	CONN TO EX W MAIN 8 (NON-PRESSURE) STA. 189+23.4, 64.7' RT		
190	DI WM CL52 POLY EN 8 5 LIN FT	211	FIRE HYD W/AUX V & VB STA. 185+28.3, 57.5' RT BURY ELEV. = 716.30	231	DI WM CL52 POLY EN 12 11 LIN FT	250	DI WAT MN TEE, 12X 8 STA. 187+58.5, 58.7' RT		
191	DI WM CL52 POLY EN 12 102 LIN FT	212	DI WAT MN TEE, 12X12 STA. 185+33.2, 62.7' RT	232	DI WAT MN TEE, 12X 6 STA. 191+05, 46.5' RT	251	DI WM CL52 POLY EN 8 6 LIN FT		
192	DI WM CL52 POLY EN 12 260 LIN FT	213	DI WM CL52 POLY EN 12 5 LIN FT	233	DI WM CL52 POLY EN 6 4 LIN FT HYDRANT LEAD STA. 191+25	252	WATER VALVES 8 VALVE BOX STA. 187+58.5, 65' RT		
193	DI WAT MN TEE, 12X 6 STA. 182+38, 46.9' RT	214	WATER VALVES 12 VV TA 6 DIA T1F CL STA. 185+33.5, 67.7' RT RIM = 717.20	234	WATER VALVES 6 VALVE BOX STA. 191+01, 43.0' RT RIM = 716.75	253	DI WM CL52 POLY EN 8 5 LIN FT		
194	FIRE HYD W/AUX V & VB STA. 182+38, 38.0' RT BURY ELEV. = 717.65	215	CONN TO EX W MAIN 12 (NON-PRESSURE) STA. 185+33.5, 72.7' RT	235	DI WM CL52 POLY EN 6 26 LIN FT	254	CONN TO EX W MAIN 8 (NON-PRESSURE) STA. 187+58.0, 70' RT		
195	DI WM CL52 POLY EN 12 211 LIN FT	216	WATER VALVES 12 VV TA 6 DIA T1F CL STA. 185+36.4, 62.5' RT RIM = 717.00	236	CONN TO EX W MAIN 6 (NON-PRESSURE) STA. 191+01, 20.0' RT	255	DI WAT MN TEE, 12X 6 STA. 189+97.4, 60.5' RT		
196	CONN TO EX W MAIN 8 (NON-PRESSURE) STA. 188+58.5, 40.0' LT	217	DI WM CL52 POLY EN 12 227 LIN FT	237A	WATER SERV LINE 3 27 LIN FT	256	DI WM CL52 POLY EN 6 4 LIN FT		
197	WATER VALVES 8 VALVE BOX STA. 191+05, 43.0' RT	218	DI WAT MN TEE, 12X 8 STA. 188+58.5, 59.2' RT	237B	WATER SERV LINE 3 27 LIN FT	257	CONN TO EX W MAIN 6 (NON-PRESSURE) STA. 189+97.4, 65.0' RT		
198	DI WM CL52 POLY EN 12 5 LIN FT								

PLAN	REVISION	DATE
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PROFILE	REVISION	DATE
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FILE NAME = 604_tag906.dgn	DRAWN = BAH	REVISED =
PLOT SCALE =	CHECKED = APS	REVISED =
PLOT DATE = 6/4/2013	DATE = 01/25/2013	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WATER MAIN SCHEDULE (SHEET 2 OF 2)			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	74
CONTRACT NO. 63838				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CROSSING TAGS

PLAN	REVISIONS	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	

PROFILE	DATE
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NO.	BY

A	STA.148+43, 35.5' RT STORM SEWER TAG 101 BOP = 709.97 WATERMAIN TAG 108A TOP = 708.34 VERTICAL SEP = 1.63' (STORM SEWER TAG 101 SHALL BE WATERMAIN QUALITY)
B	STA.151+55, 47.5' RT WATERMAIN TAG 112 BOP = 702.25 SANITARY SEWER TOP = 698.37 VERTICAL SEP = 3.88'
C	STA.148+00, 25.0' RT STORM SEWER TAG 100 BOP = 710.93 WATERMAIN TAG 101 TOP = 709.08 VERTICAL SEP = 1.84' (STORM SEWER TAG 100 SHALL BE WATERMAIN QUALITY)
F	STA.155+54.87, 50.27' RT WATERMAIN TAG 117 BOP = 696.45 SANITARY SEWER TOP = 691.80 VERTICAL SEP = 4.66'
G	STA.157+50.0, 50.50' RT STORM SEWER TAG 120 BOP = 696.91 WATERMAIN TAG 120 TOP = 695.41 VERTICAL SEP = 1.50' (LOWER WATERMAIN FOR 18" CLEARANCE & INSTALL 24"STEEL CASING PIPE WITH WATERMAIN & STORM SEWER TAG 120 SHALL BE WATERMAIN QUALITY)
L	STA.169+97.8, 35.50' RT STORM SEWER TAG 302 BOP = 706.06 WATERMAIN TAG 147 TOP = 703.57 VERTICAL SEP = 2.49' (STORM SEWER TAG 302 SHALL BE WATERMAIN QUALITY)
M	STA.173+94.7, 47.4' RT WATERMAIN TAG 170 BOP = 699.90 SANITARY SEWER TOP = 687.76 VERTICAL SEP = 12.14'
N	STA.177+32.0, 48.0' RT WATERMAIN TAG 179 BOP = 702.28 STORM SEWER TAG 316 TOP = 700.68 VERTICAL SEP = 1.60'

R	STA.179+75.0, 46.0' LT WATERMAIN TAG 190 BOP = 708.60 SANITARY SEWER TOP = 701.03 VERTICAL SEP = 7.57'
S	STA.184+45.5, 61.7' LT WATERMAIN TAG 203 BOP = 710.17 STORM SEWER TAG (EXIST.) TOP = 709.67 VERTICAL SEP = 0.50' (RAISE WATERMAIN TO OBTAIN 6" CLEARANCE) (REPLACE EXIST. STORM SEWER WITH WATERMAIN QUALITY PIPE)
T	STA.184+75.2, 54.4' RT STORM SEWER TAG 501 BOP = 711.40 WATERMAIN TAG 208 TOP = 709.90 VERTICAL SEP = 1.50' (LOWER WATERMAIN FOR 18" CLEARANCE & STORM SEWER TAG 501 SHALL BE WATERMAIN QUALITY)
U	STA.184+99.4, 65.3' RT STORM SEWER TAG 502 BOP = 711.33 WATERMAIN TAG 209 TOP = 709.83 VERTICAL SEP = 1.50' (LOWER WATERMAIN FOR 18" CLEARANCE & STORM SEWER TAG 502 SHALL BE WATERMAIN QUALITY)
V	STA.188+58.5, 36.2' LT STORM SEWER TAG 514 BOP = 708.83 WATERMAIN TAG 220 TOP = 707.33 VERTICAL SEP = 1.50' (LOWER WATERMAIN FOR 18" CLEARANCE & STORM SEWER TAG 514 SHALL BE WATERMAIN QUALITY)
W	STA.191+05.0, 35.5' LT WATERMAIN EXIST. 6" BOP = 710.62 STORM SEWER TAG 515 TOP = 710.08 VERTICAL SEP = 0.54' (RAISE WATERMAIN TO OBTAIN 6" CLEARANCE) (STORM SEWER TAG 515 SHALL BE WATERMAIN QUALITY PIPE)
X	STA.175+79.0, 35.5' RT WATERMAIN TAG 174 BOP = 702.34 STORM SEWER TAG 312 TOP = 701.80 VERTICAL SEP = 0.54' (RAISE WATERMAIN TO OBTAIN 6" CLEARANCE) (STORM SEWER TAG 312 SHALL BE WATERMAIN QUALITY PIPE)

Y	STA.179+82.5, 35.1' RT WATERMAIN TAG 187 BOP = 707.73 STORM SEWER TAG 406 TOP = 707.17 VERTICAL SEP = 0.56' (RAISE WATERMAIN TO OBTAIN 6" CLEARANCE) (STORM SEWER TAG 406 SHALL BE WATERMAIN QUALITY PIPE)
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FILE NAME = 604_tags07.dgn
PLOT SCALE =
PLOT DATE = 6/6/2013

DESIGNED - JRS
DRAWN - BAH
CHECKED - APS
DATE - 01/25/2013

REVISED - 11/01/2011
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UTILITY CROSSING SCHEDULE
(SHEET 1 OF 1)**

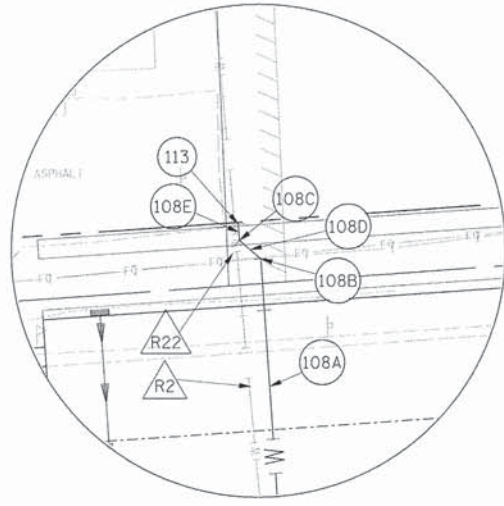
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	75
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

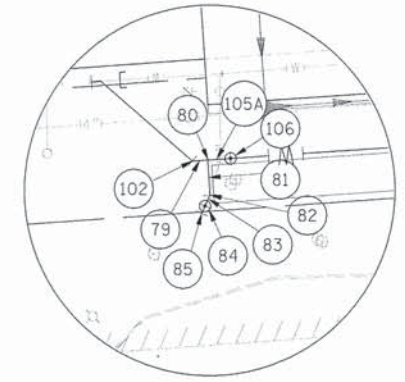
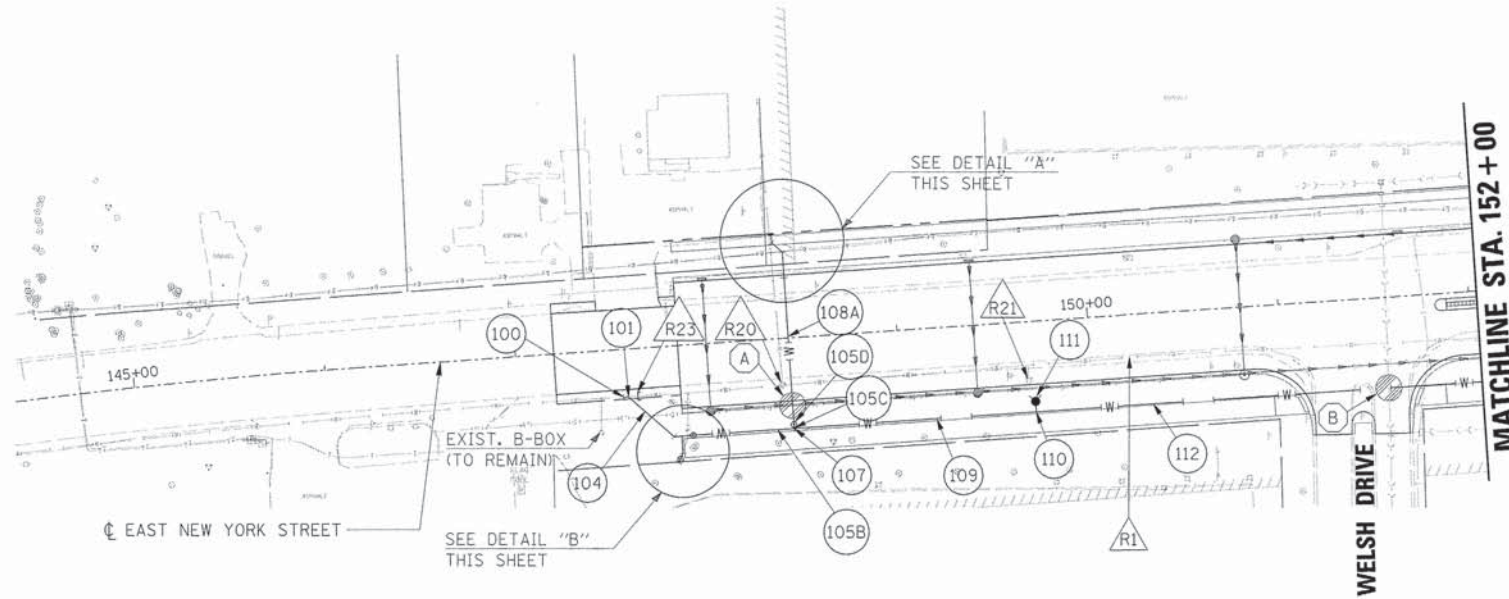
NOTES:
 1. PROPOSED WATER SERVICE LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL LOCATE SERVICES DURING CONSTRUCTION AND ADJUST LOCATIONS ACCORDINGLY.



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NOTE BOOK	
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DETAIL "A"
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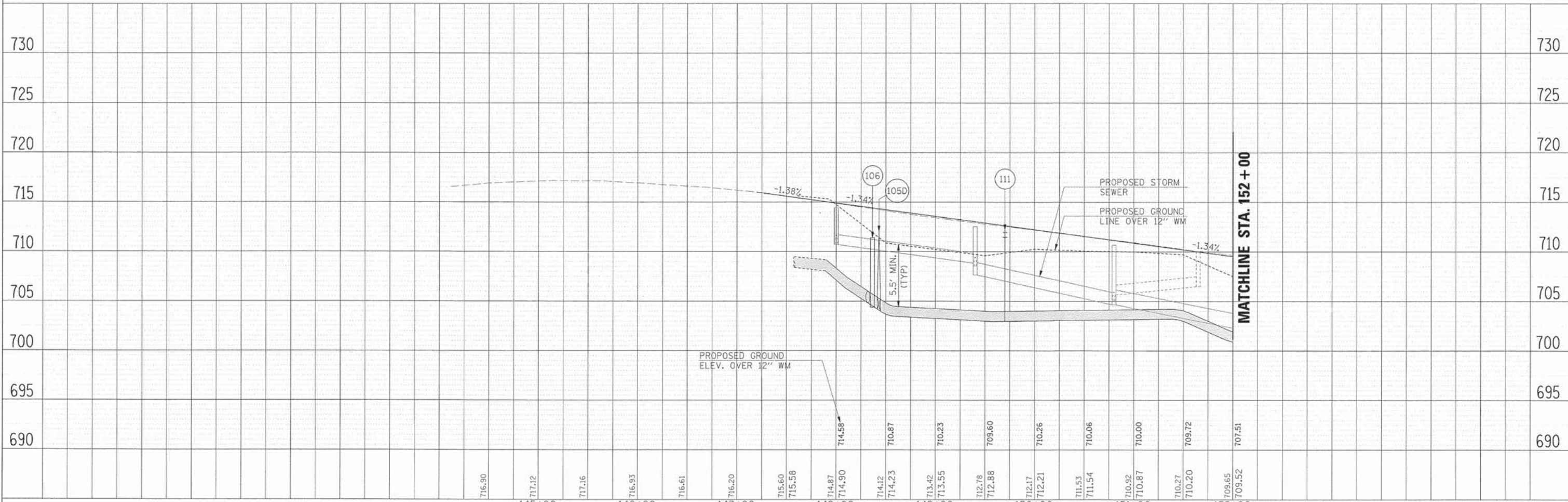


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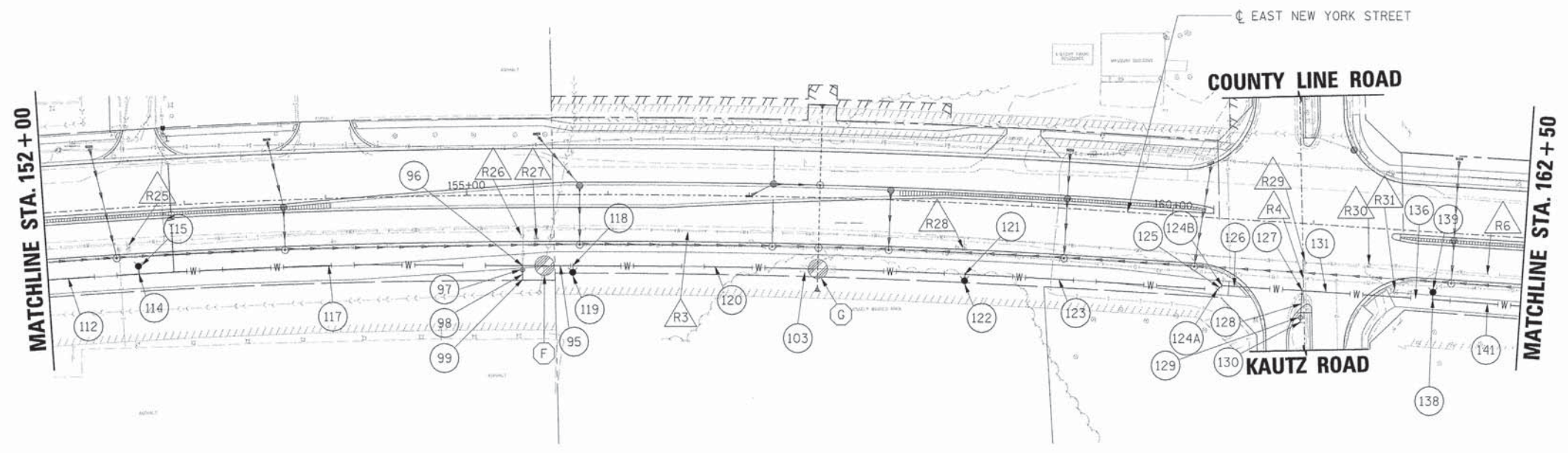
EAST NEW YORK STREET

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT
 - MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE UTILITY CROSSING SCHEDULE
 - SEE WATER MAIN SCHEDULE
 - SEE WATER MAIN REMOVAL SCHEDULE

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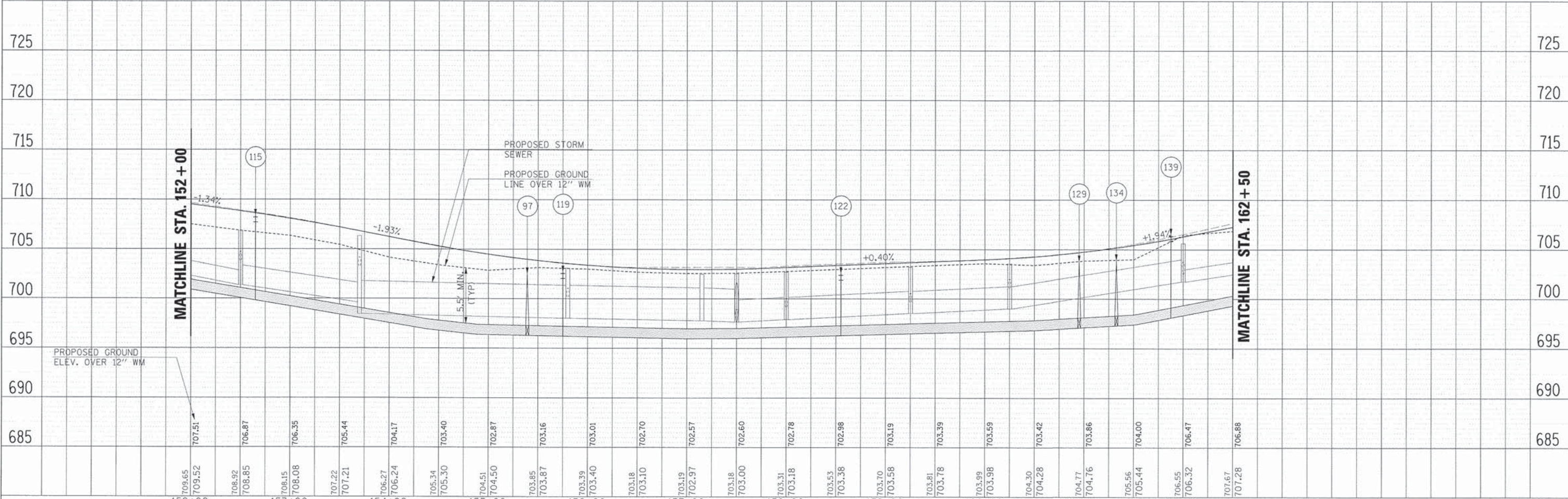
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	SCALE: SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			



- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE UTILITY CROSSING SCHEDULE
- SEE WATER MAIN SCHEDULE
- SEE WATER MAIN REMOVAL SCHEDULE

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT

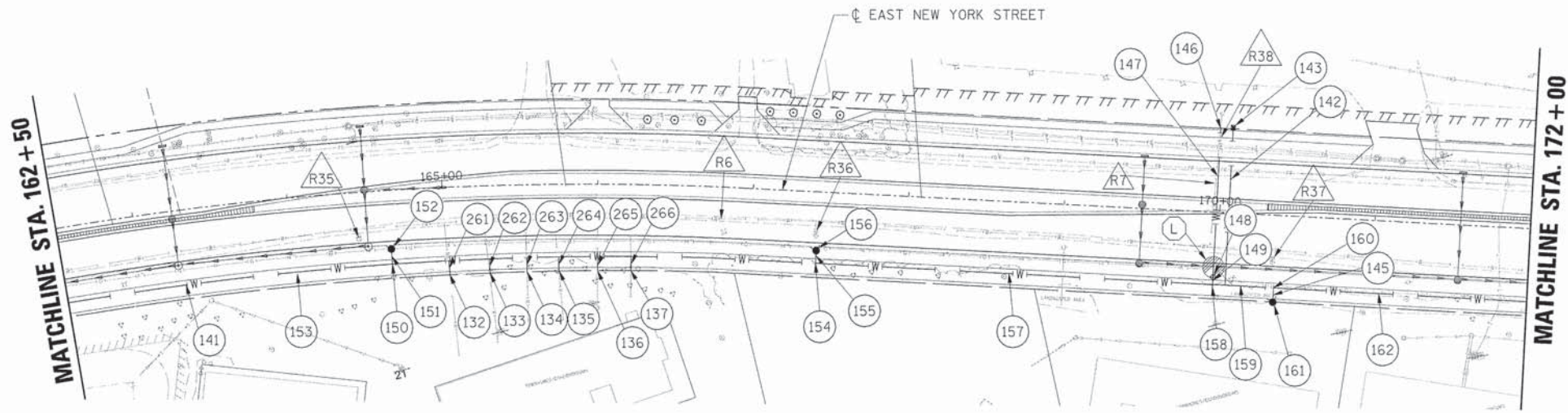
EAST NEW YORK STREET



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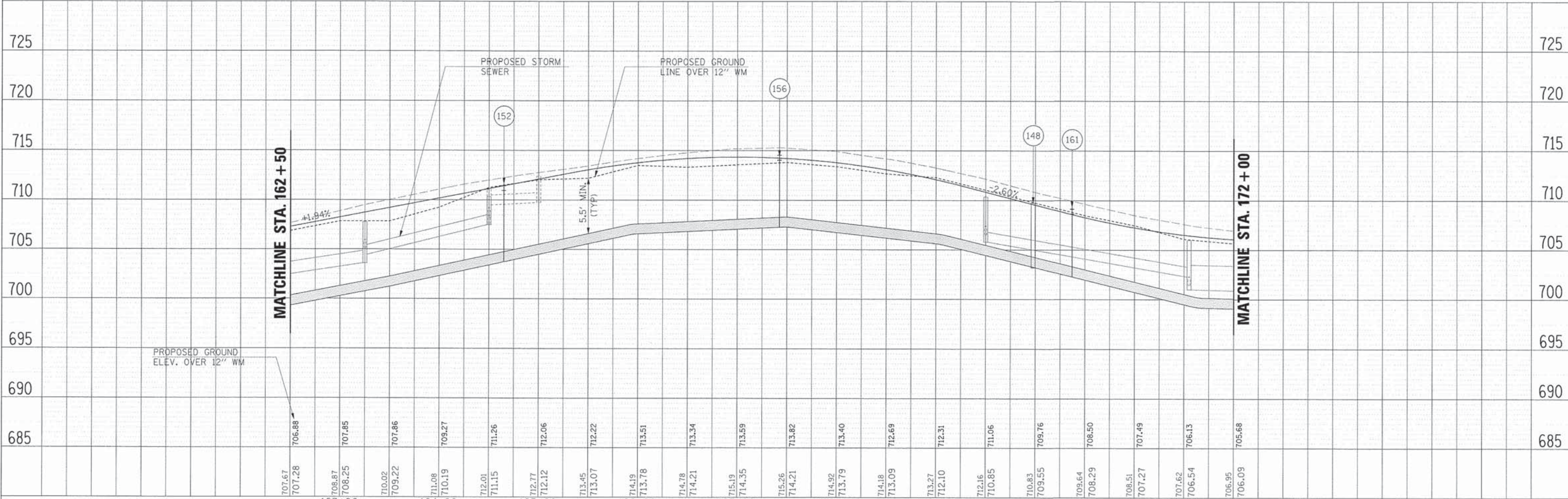
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	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 63838			



- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE UTILITY CROSSING SCHEDULE
- SEE WATER MAIN SCHEDULE
- SEE WATER MAIN REMOVAL SCHEDULE

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT

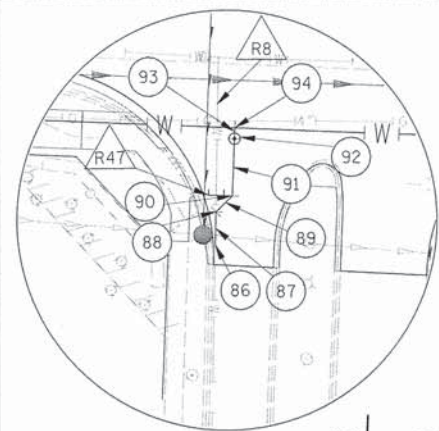
EAST NEW YORK STREET



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GRADES CHECKED	
STRUCTURE NOTATION CHECKED	
NO.	

PROFILE	DATE
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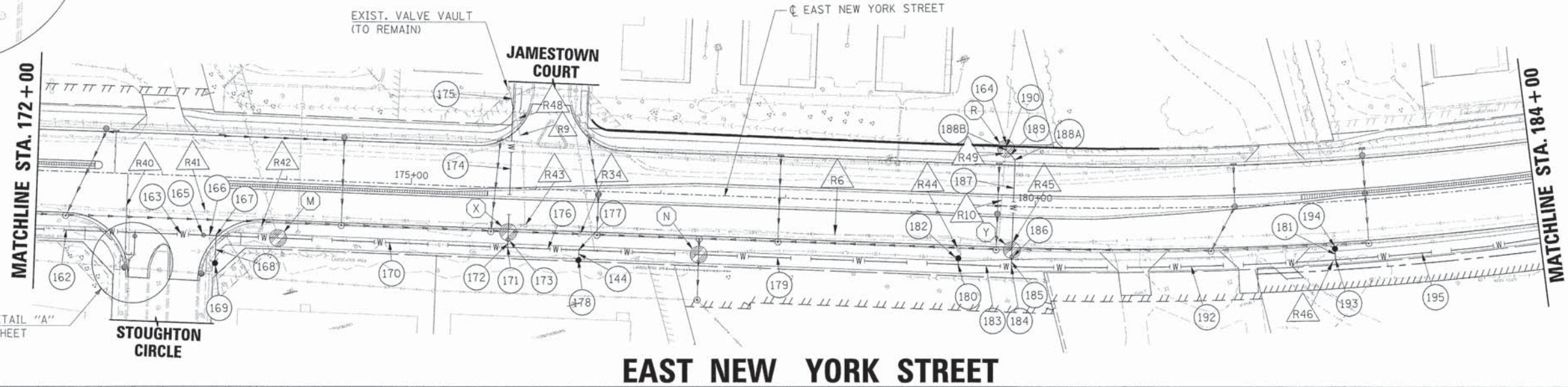
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	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			



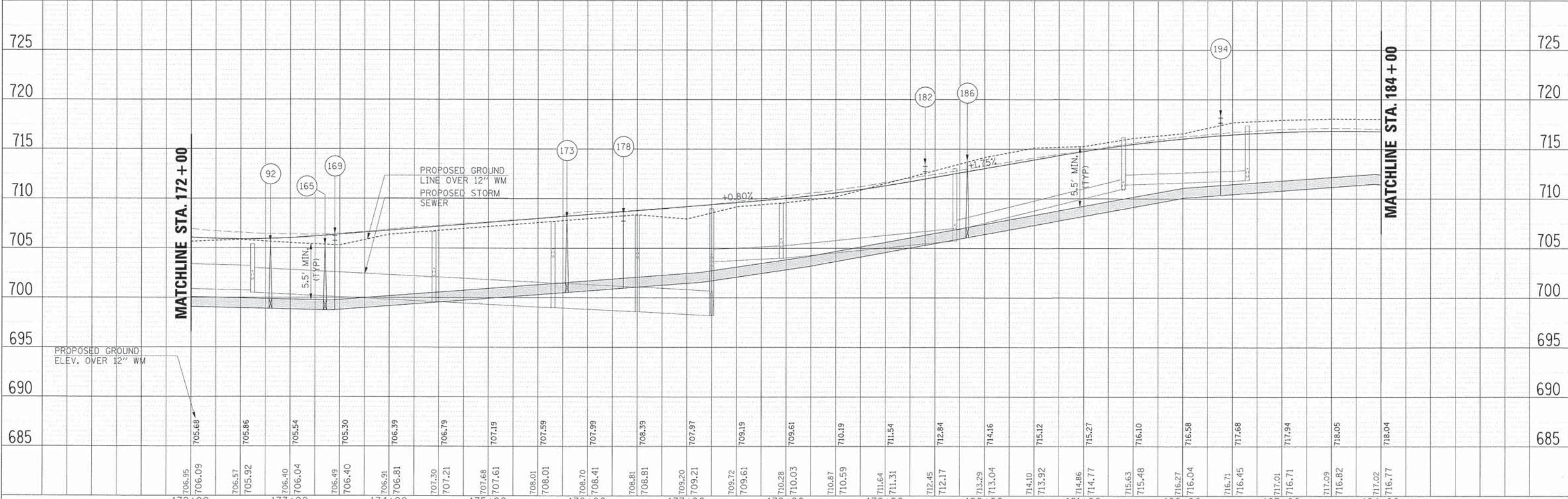
- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT
 - MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE UTILITY CROSSING SCHEDULE
 - SEE WATER MAIN SCHEDULE
 - SEE WATER MAIN REMOVAL SCHEDULE



DETAIL "A"
N.T.S.



EAST NEW YORK STREET

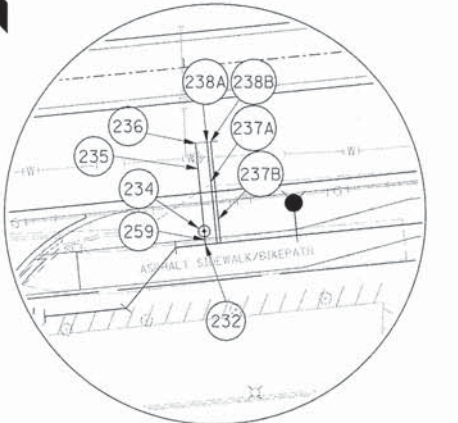
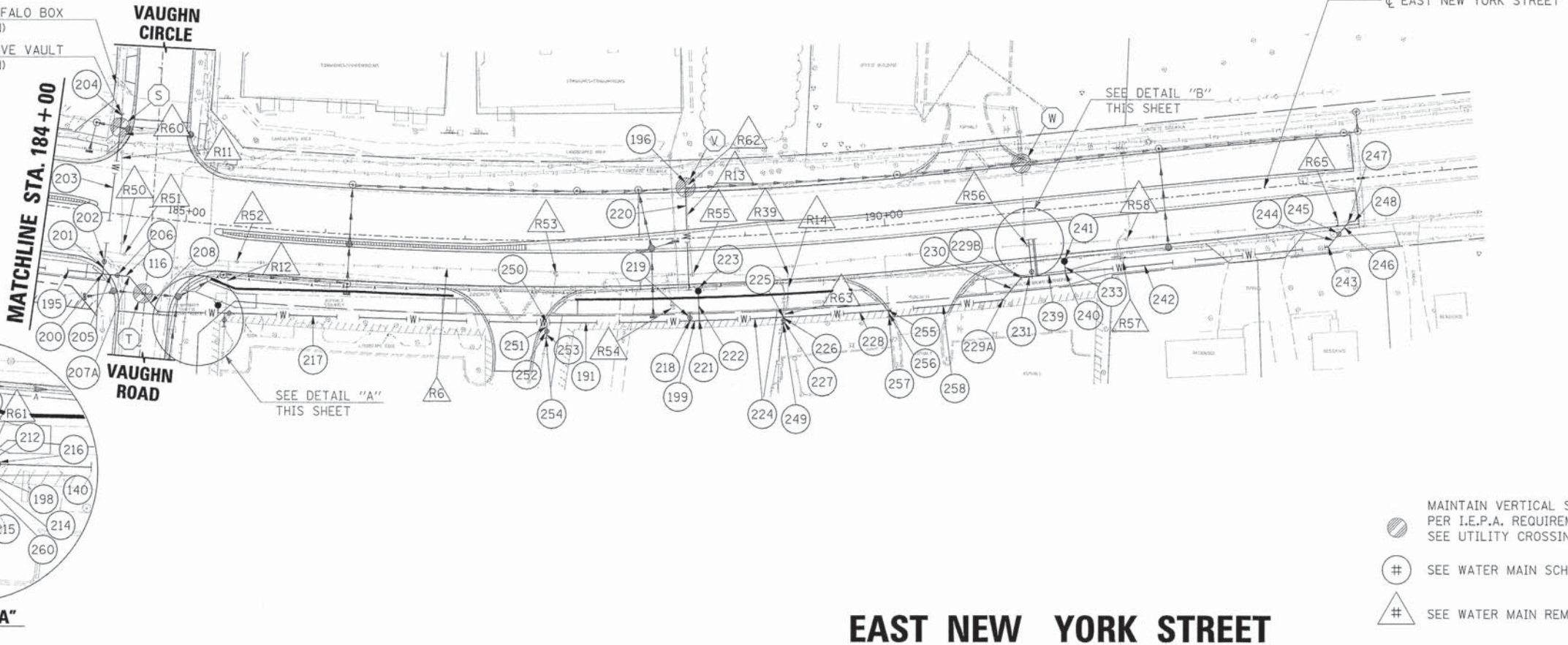


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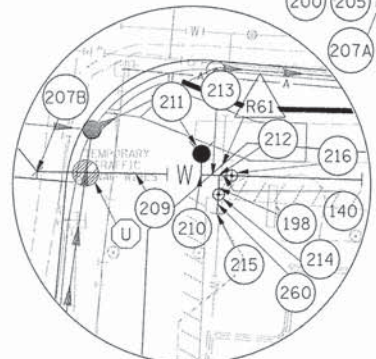
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	SCALE:	SHEET NO. OF SHEETS STA. TO STA.					

EXIST. BUFFALO BOX
(TO REMAIN)
EXIST. VALVE VAULT
(TO REMAIN)



DETAIL "B"
N.T.S.

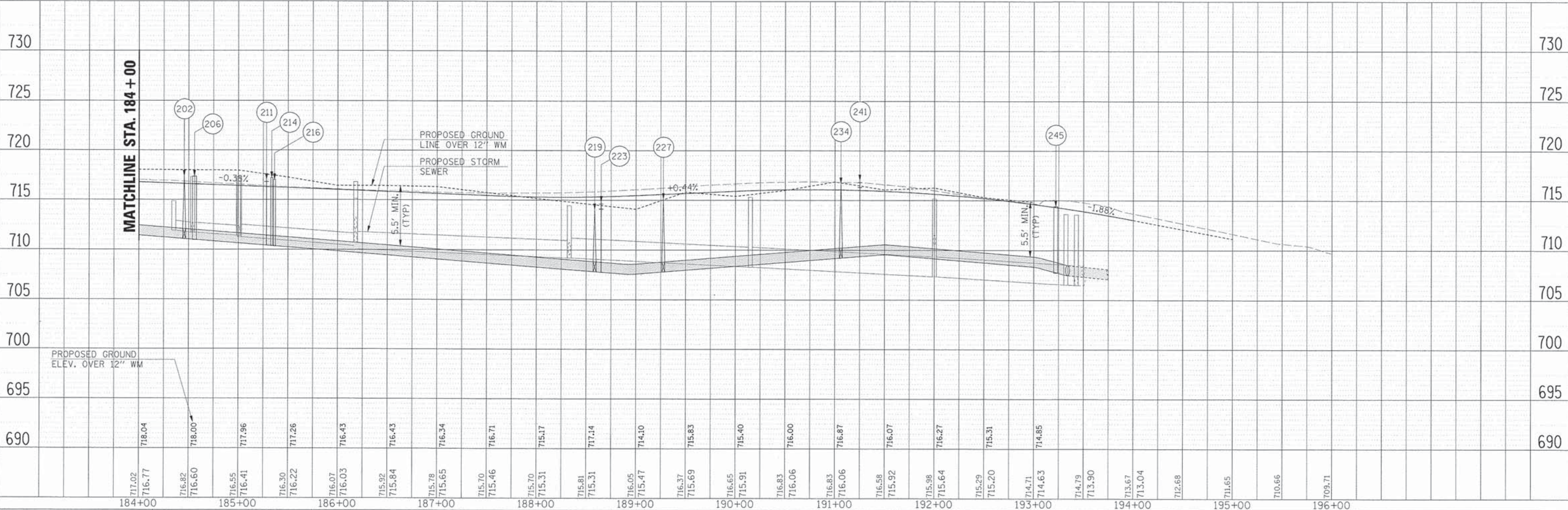


DETAIL "A"
N.T.S.

- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS SEE UTILITY CROSSING SCHEDULE
- SEE WATER MAIN SCHEDULE
- SEE WATER MAIN REMOVAL SCHEDULE

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - INDICATES AREAS OF BRICK PAVERS
 - EXISTING R.O.W.
 - PROPOSED R.O.W.
 - EX./PR. TEMPORARY EASEMENT
 - EX./PR. PERMANENT EASEMENT

EAST NEW YORK STREET



PLAN	SURVEYED	DATE
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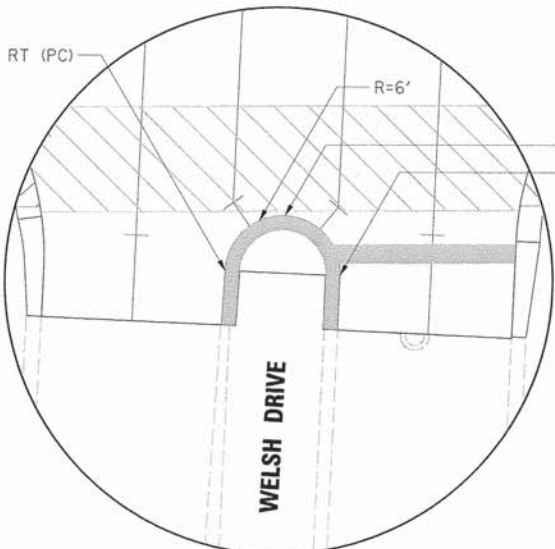
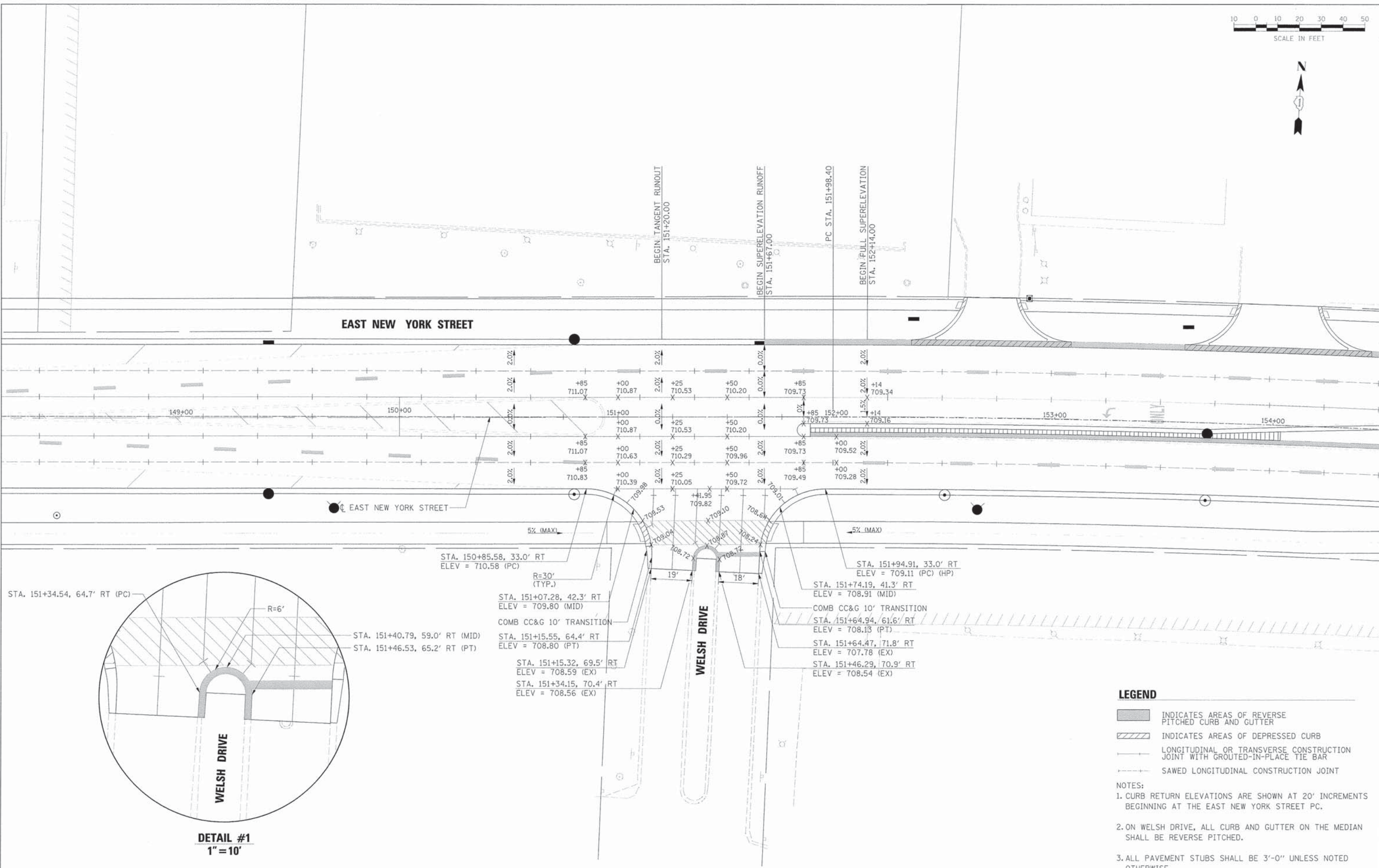
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	SCALE:	SHEET NO.	OF SHEETS			STA. TO STA.	FED. ROAD DIST. NO.	[ILLINOIS] FED. AID PROJECT			



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



DETAIL #1
1" = 10'

STA. 150+85.58, 33.0' RT ELEV = 710.58 (PC)	STA. 151+07.28, 42.3' RT ELEV = 709.80 (MID)	STA. 151+74.19, 41.3' RT ELEV = 708.91 (PC) (HP)
R=30' (TYP.)	COMB CC&G 10' TRANSITION	STA. 151+74.19, 41.3' RT ELEV = 708.91 (MID)
STA. 151+40.79, 59.0' RT (MID)	STA. 151+55.55, 64.4' RT ELEV = 708.80 (PT)	COMB CC&G 10' TRANSITION
STA. 151+46.53, 65.2' RT (PT)	STA. 151+15.32, 69.5' RT ELEV = 708.59 (EX)	STA. 151+64.94, 61.6' RT ELEV = 708.13 (PT)
	STA. 151+34.15, 70.4' RT ELEV = 708.56 (EX)	STA. 151+64.47, 71.8' RT ELEV = 707.78 (EX)
		STA. 151+46.29, 70.9' RT ELEV = 708.54 (EX)

- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR
 - SAWED LONGITUDINAL CONSTRUCTION JOINT

- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 20' INCREMENTS BEGINNING AT THE EAST NEW YORK STREET PC.
 2. ON WELSH DRIVE, ALL CURB AND GUTTER ON THE MEDIAN SHALL BE REVERSE PITCHED.
 3. ALL PAVEMENT STUBS SHALL BE 3'-0" UNLESS NOTED OTHERWISE.



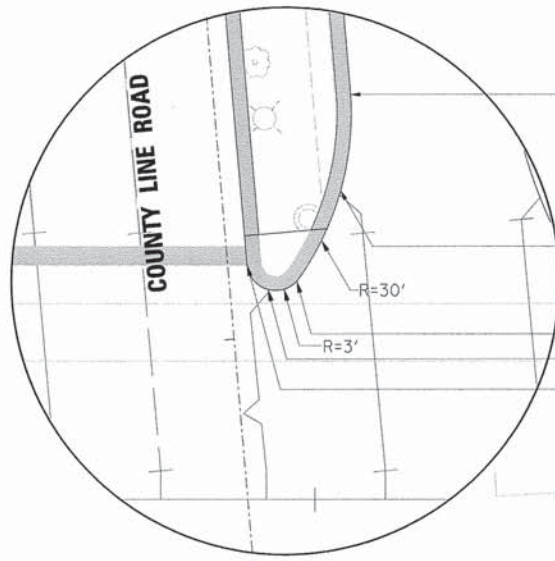
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PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

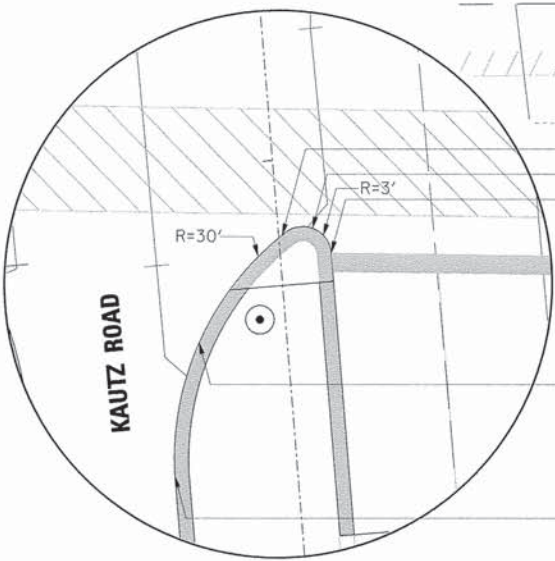
**INTERSECTION PAVEMENT ELEVATION PLAN
WELSH DRIVE**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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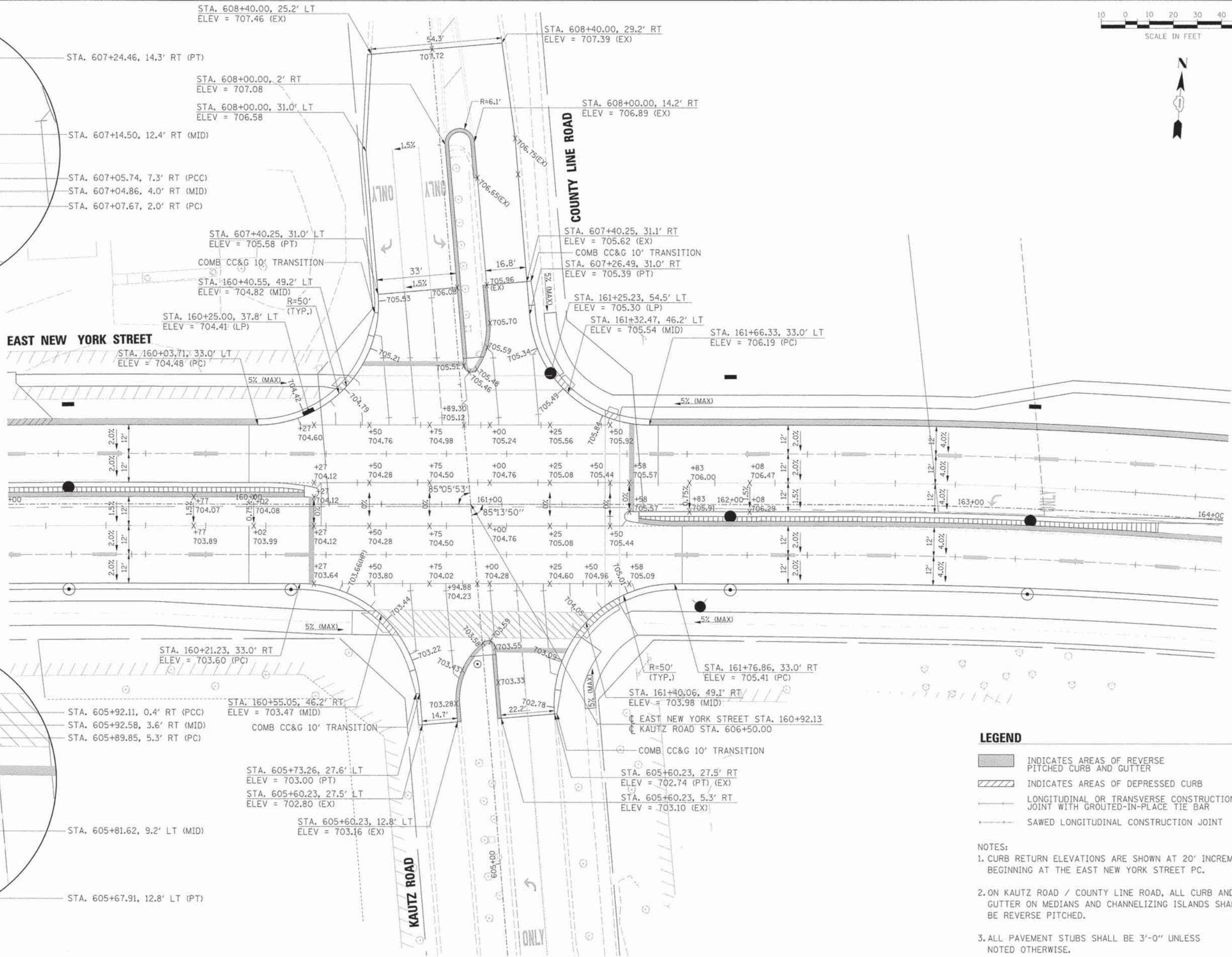
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	81
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63838	



DETAIL #1
1" = 10'



DETAIL #2
1" = 10'



- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR
 - SAWED LONGITUDINAL CONSTRUCTION JOINT

- NOTES:**
1. CURB RETURN ELEVATIONS ARE SHOWN AT 20' INCREMENTS BEGINNING AT THE EAST NEW YORK STREET PC.
 2. ON KAUTZ ROAD / COUNTY LINE ROAD, ALL CURB AND GUTTER ON MEDIANS AND CHANNELIZING ISLANDS SHALL BE REVERSE PITCHED.
 3. ALL PAVEMENT STUBS SHALL BE 3'-0" UNLESS NOTED OTHERWISE.

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USER NAME = gehriss
 FILE NAME = 604_int02_kautz.dgn
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 PLOT DATE = 6/4/2013

DESIGNED - JRS
 DRAWN - BAH
 CHECKED - APS
 DATE - 01/25/2013

REVISED - 11/01/2011
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION PAVEMENT ELEVATION PLAN
 KAUTZ ROAD / COUNTY LINE ROAD**

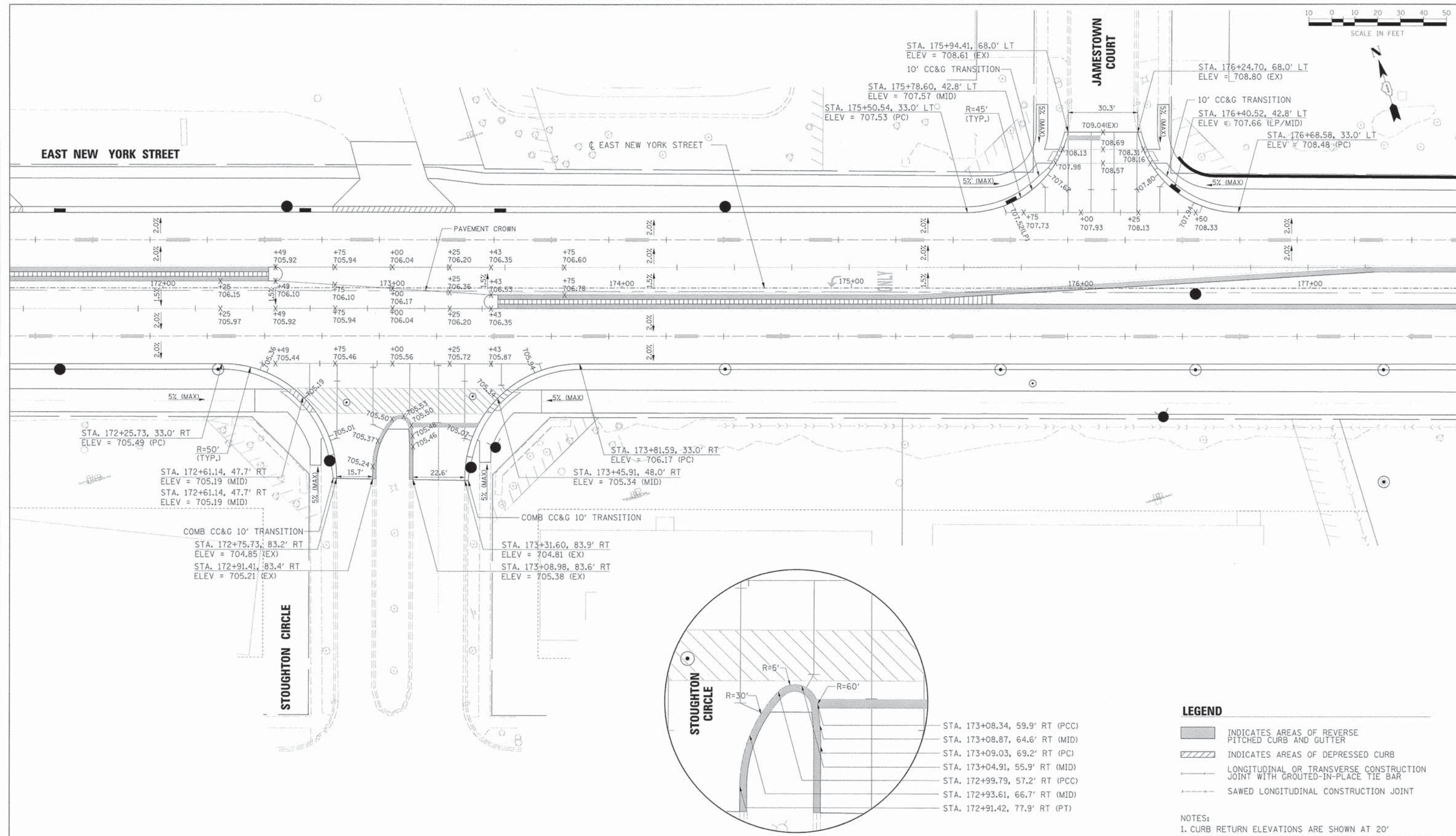
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63838	



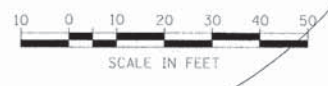
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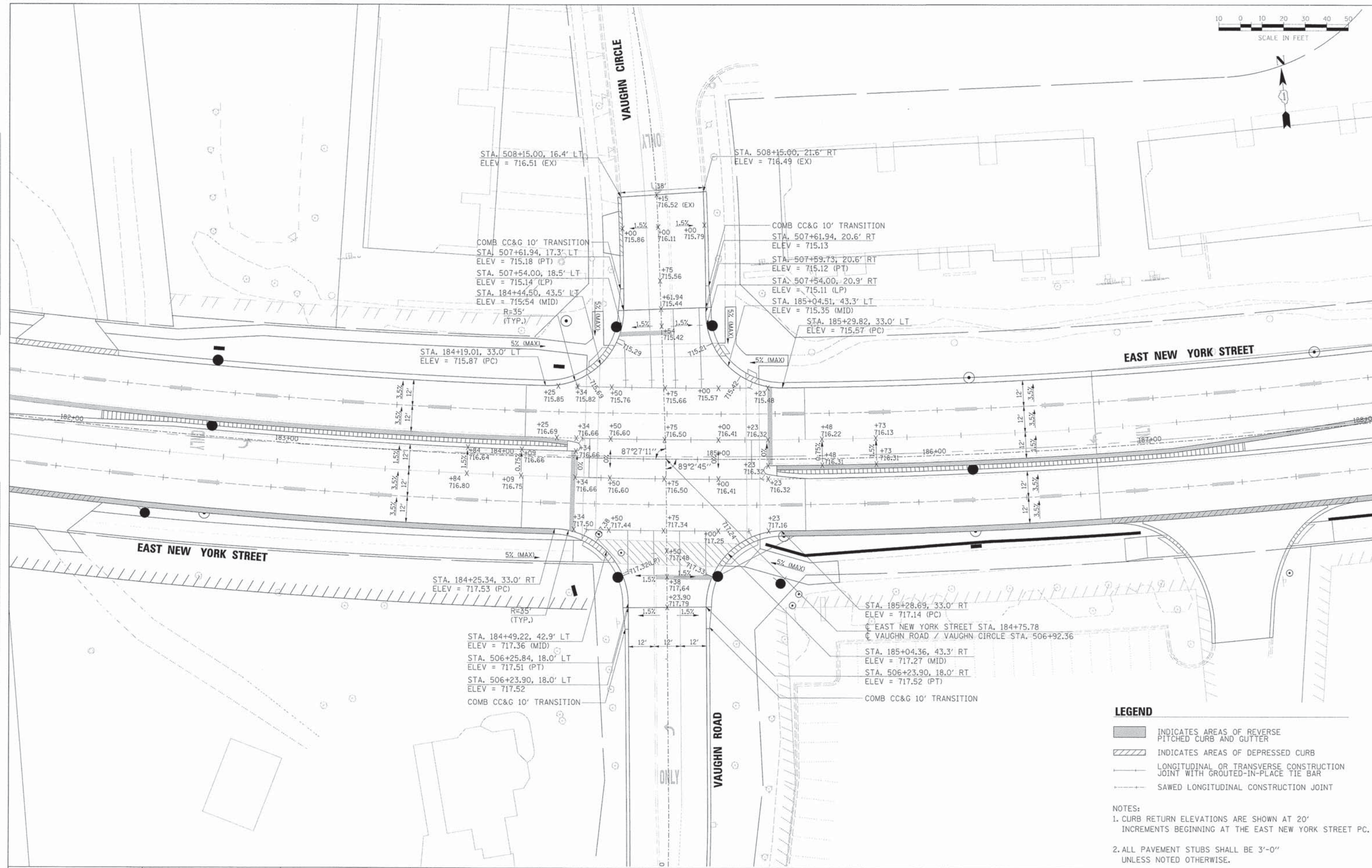
- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR
 - SAWED LONGITUDINAL CONSTRUCTION JOINT
- NOTES:**
- CURB RETURN ELEVATIONS ARE SHOWN AT 20' INCREMENTS BEGINNING AT THE EAST NEW YORK STREET PC.
 - ALL CURB AND GUTTER ON MEDIANS AND CHANNELIZING ISLANDS SHALL BE REVERSE PITCHED.
 - ALL PAVEMENT STUBS SHALL BE 3'-0" UNLESS NOTED OTHERWISE.

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	SCALE: SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



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GRADES CHECKED	
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- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR
 - SAWED LONGITUDINAL CONSTRUCTION JOINT

NOTES:

- CURB RETURN ELEVATIONS ARE SHOWN AT 20' INCREMENTS BEGINNING AT THE EAST NEW YORK STREET PC.
- ALL PAVEMENT STUBS SHALL BE 3'-0" UNLESS NOTED OTHERWISE.



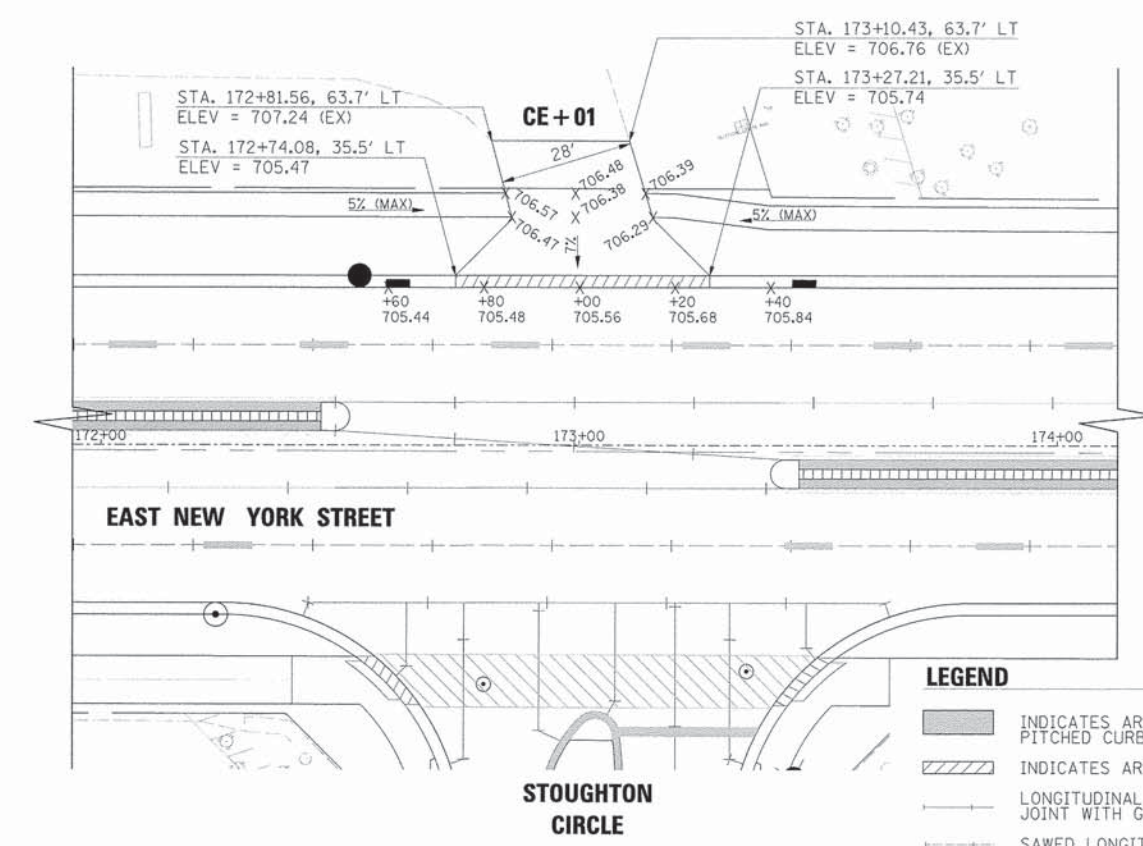
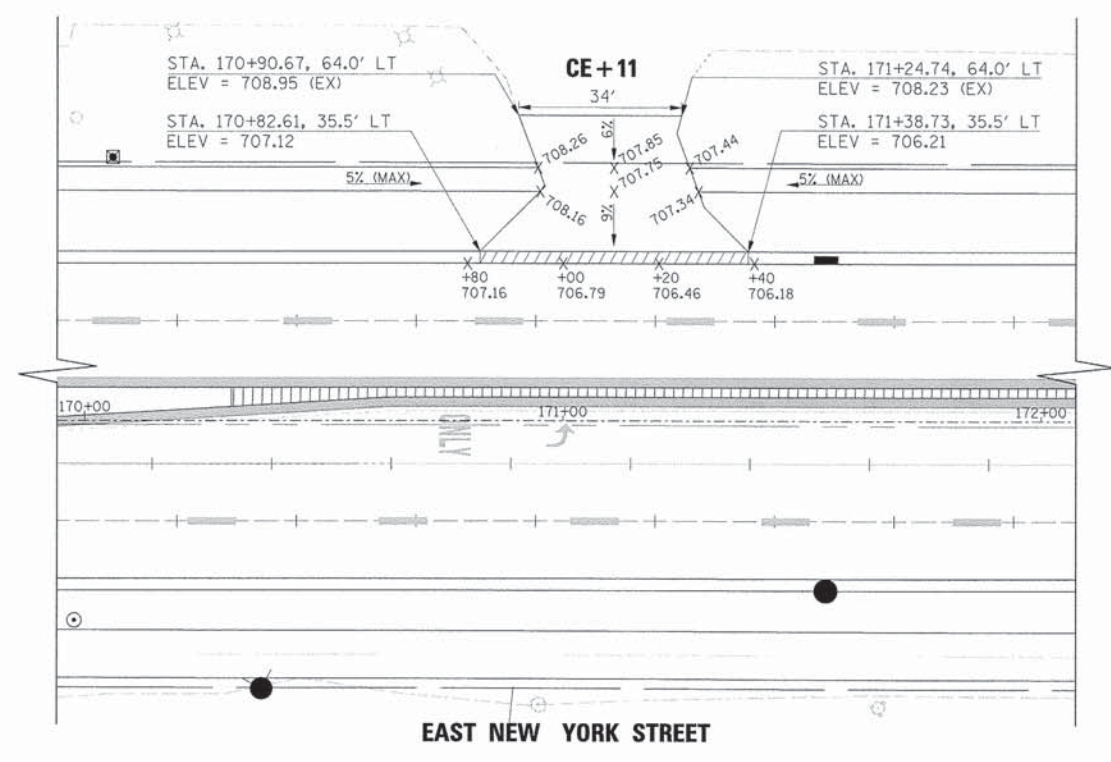
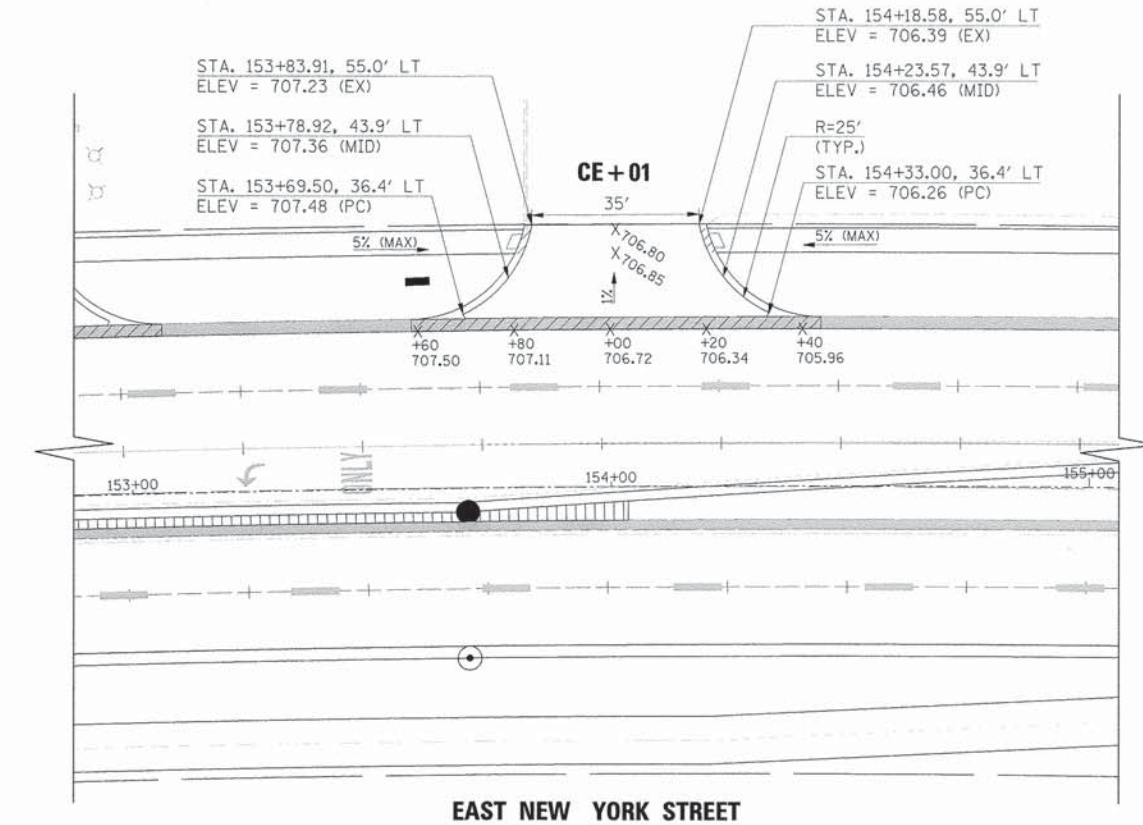
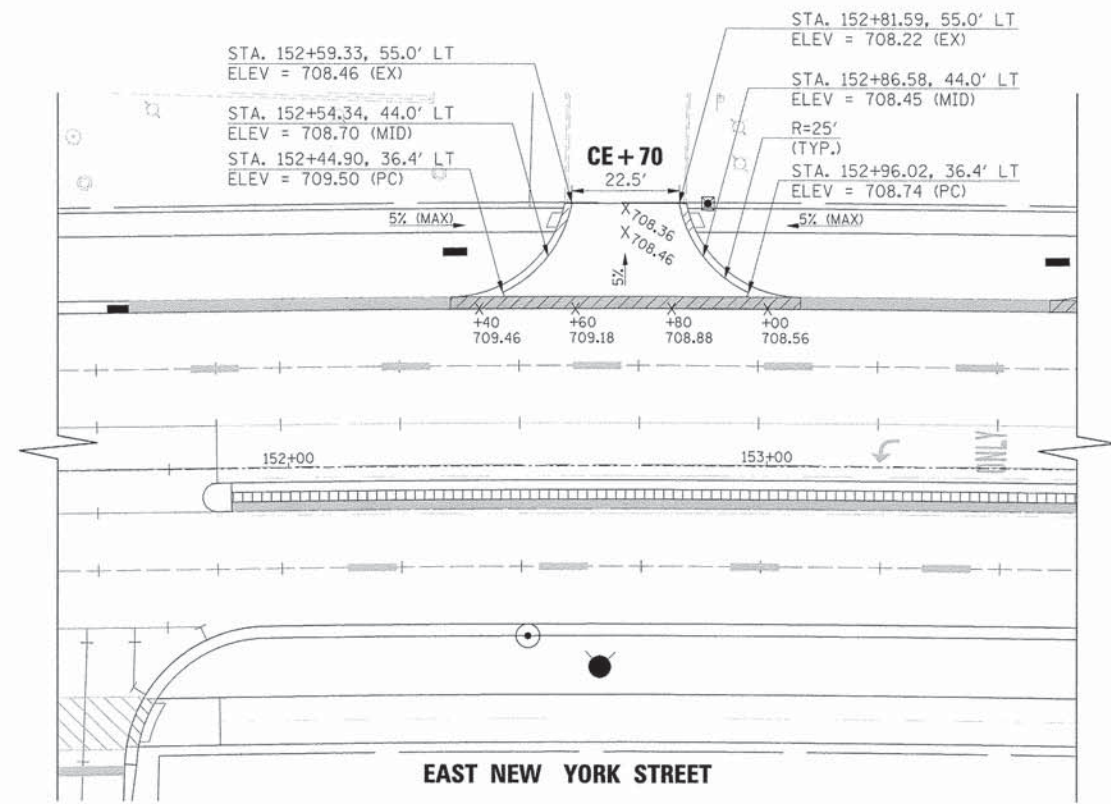
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PLOT DATE	6/4/2013	DATE	01/25/2013	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION PAVEMENT ELEVATION PLAN
VAUGHN ROAD / VAUGHN CIRCLE**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	84
CONTRACT NO. 63838				

SCALE: SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT



- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR
 - SAWED LONGITUDINAL CONSTRUCTION JOINT

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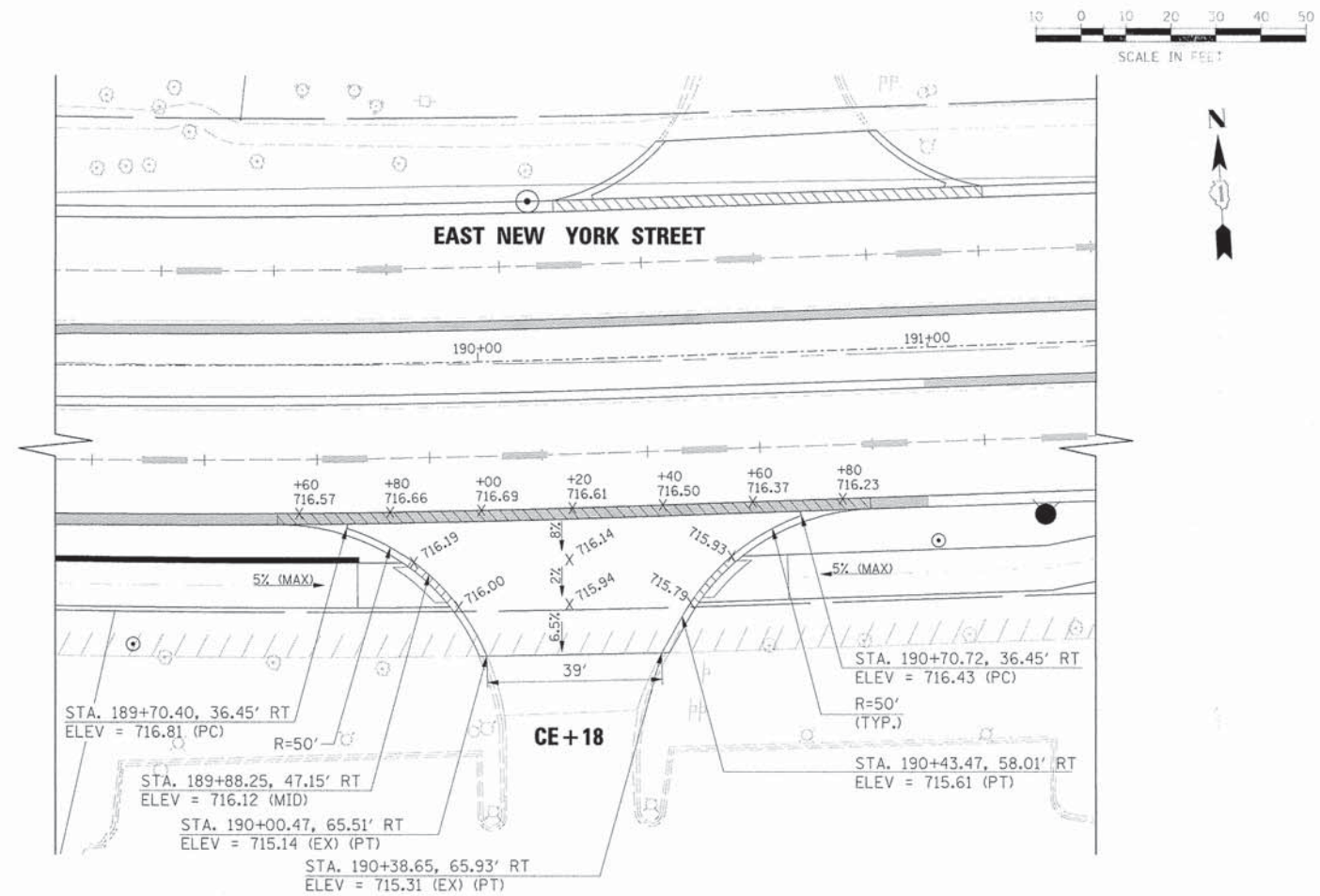
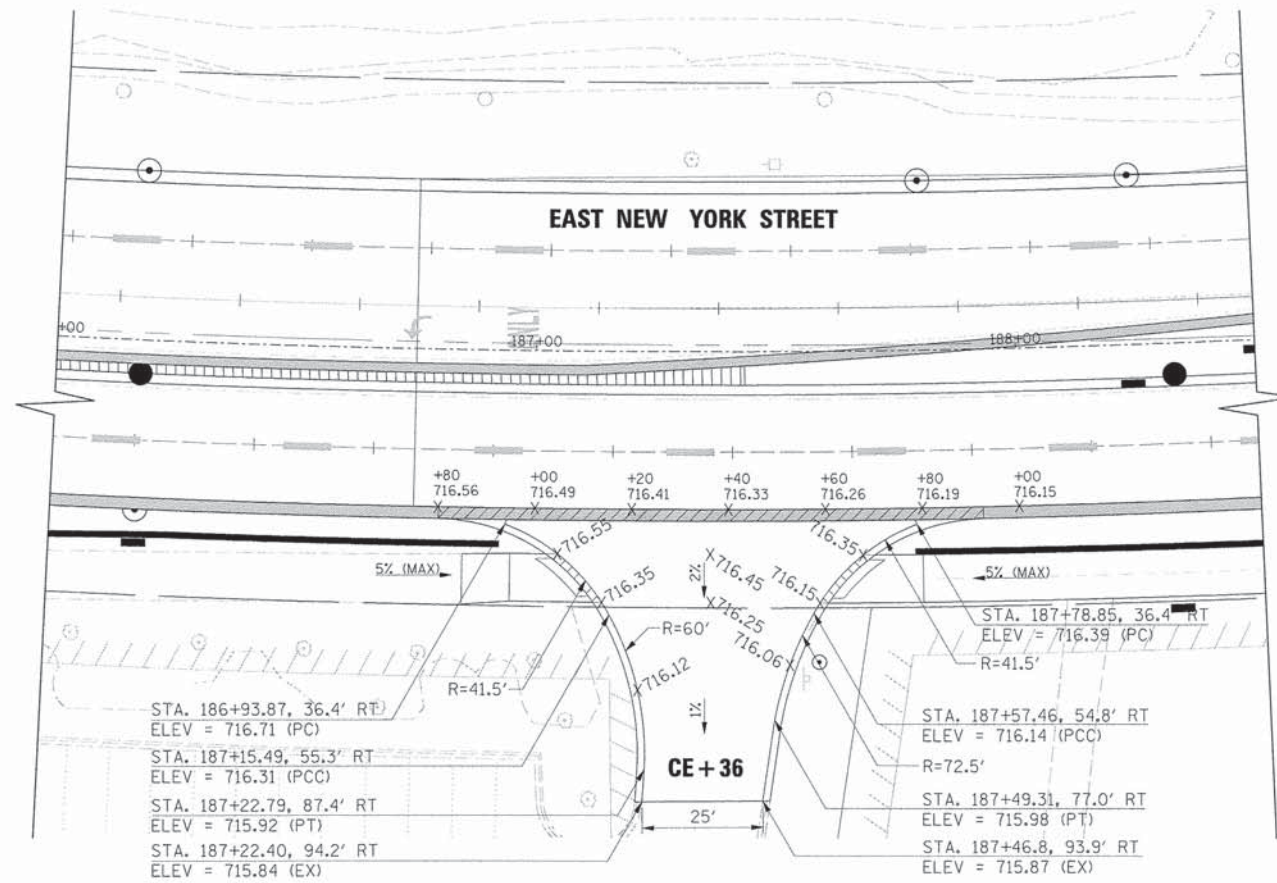
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION PAVEMENT ELEVATION PLAN
ENTRANCES

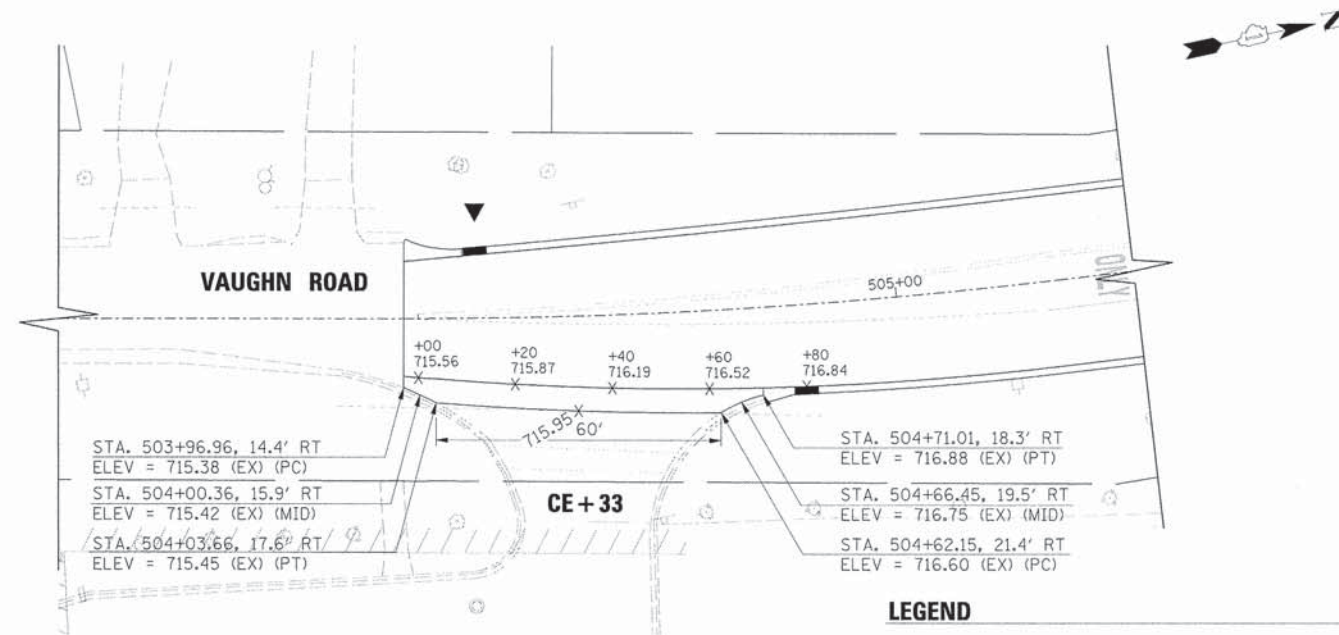
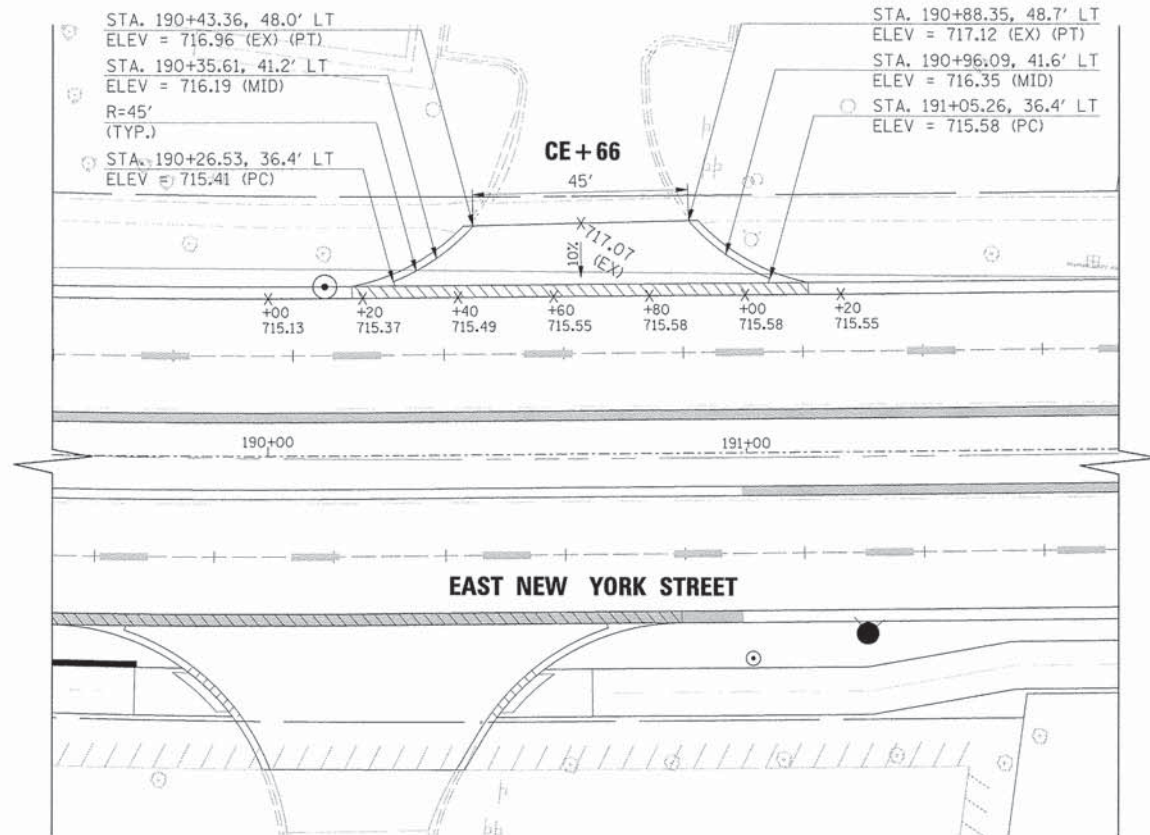
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	85
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63838	

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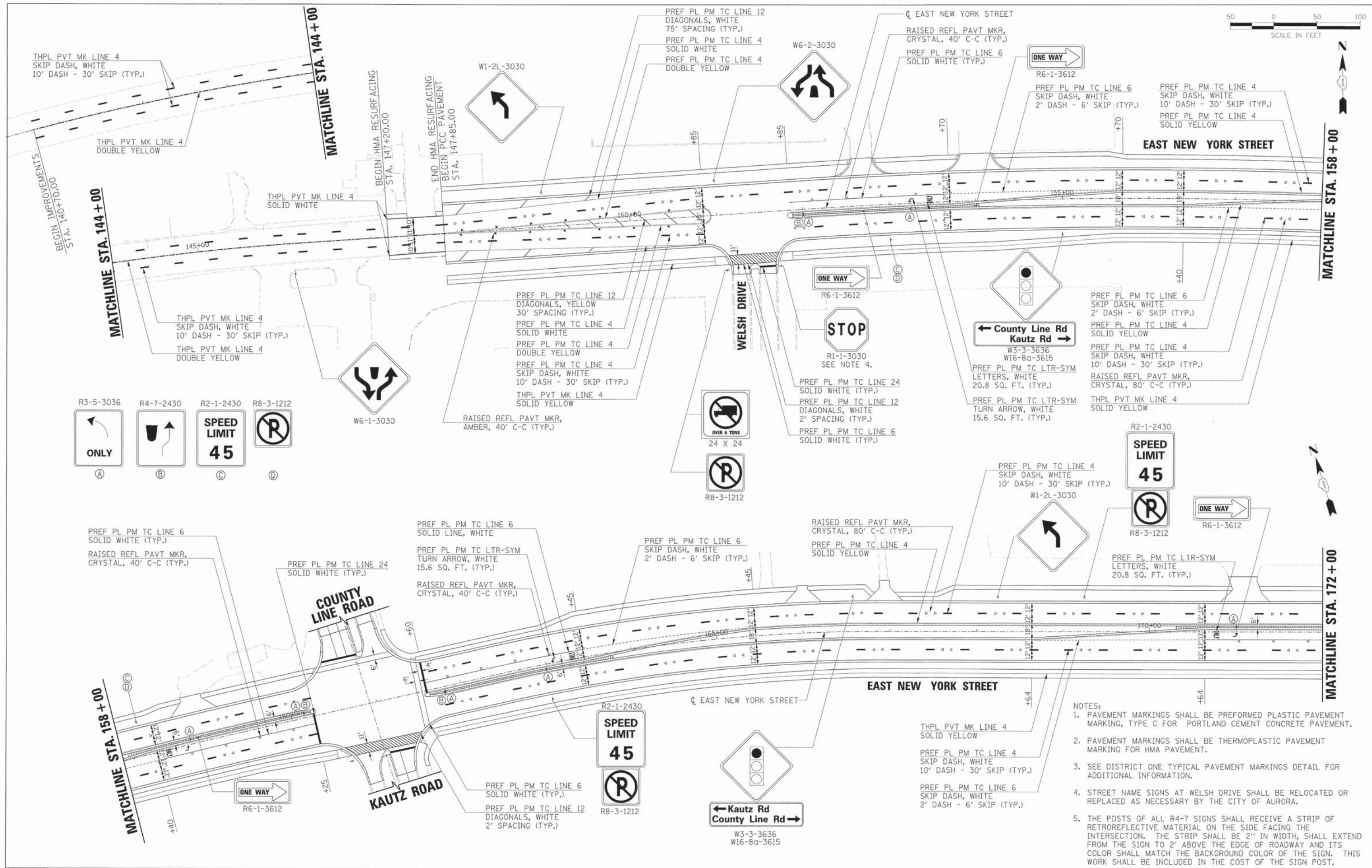
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- LEGEND**
- INDICATES AREAS OF REVERSE PITCHED CURB AND GUTTER
 - INDICATES AREAS OF DEPRESSED CURB
 - LONGITUDINAL OR TRANSVERSE CONSTRUCTION JOINT WITH GROUTED-IN-PLACE TIE BAR
 - SAWED LONGITUDINAL CONSTRUCTION JOINT

PLAN	DATE
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PLOTTED	DATE
NOTED	BY
NO. OF RAY CHECKED	
CADD FILE NAME	

PROFILE	DATE
SURVEYED	BY
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NOTED	BY
NO. OF RAY CHECKED	
STRUCTURE NOTATIONS CHECKED	



- NOTES:
1. PAVEMENT MARKINGS SHALL BE PERFORMED PLASTIC PAVEMENT MARKING, TYPE C FOR PORTLAND CEMENT CONCRETE PAVEMENT.
 2. PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING FOR HMA PAVEMENT.
 3. SEE DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL FOR ADDITIONAL INFORMATION.
 4. STREET NAME SIGNS AT WELSH DRIVE SHALL BE RELOCATED OR REPLACED AS NECESSARY BY THE CITY OF AURORA.
 5. THE POSTS OF ALL R4-7 SIGNS SHALL RECEIVE A STRIP OF RETROREFLECTIVE MATERIAL ON THE SIDE FACING THE INTERSECTION. THE STRIP SHALL BE 2" IN WIDTH, SHALL EXTEND FROM THE SIGN TO 2' ABOVE THE EDGE OF ROADWAY AND ITS COLOR SHALL MATCH THE BACKGROUND COLOR OF THE SIGN. THIS WORK SHALL BE INCLUDED IN THE COST OF THE SIGN POST.



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Illinois Professional Design Firm
194-011922

USER NAME = gchris	DESIGNED - JRS	REVISED - 11/01/2011
FILE NAME = 684_pm01.rvt.dgn	DRAWN - BAH	REVISED -
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PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLANS
EAST NEW YORK STREET

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	87
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

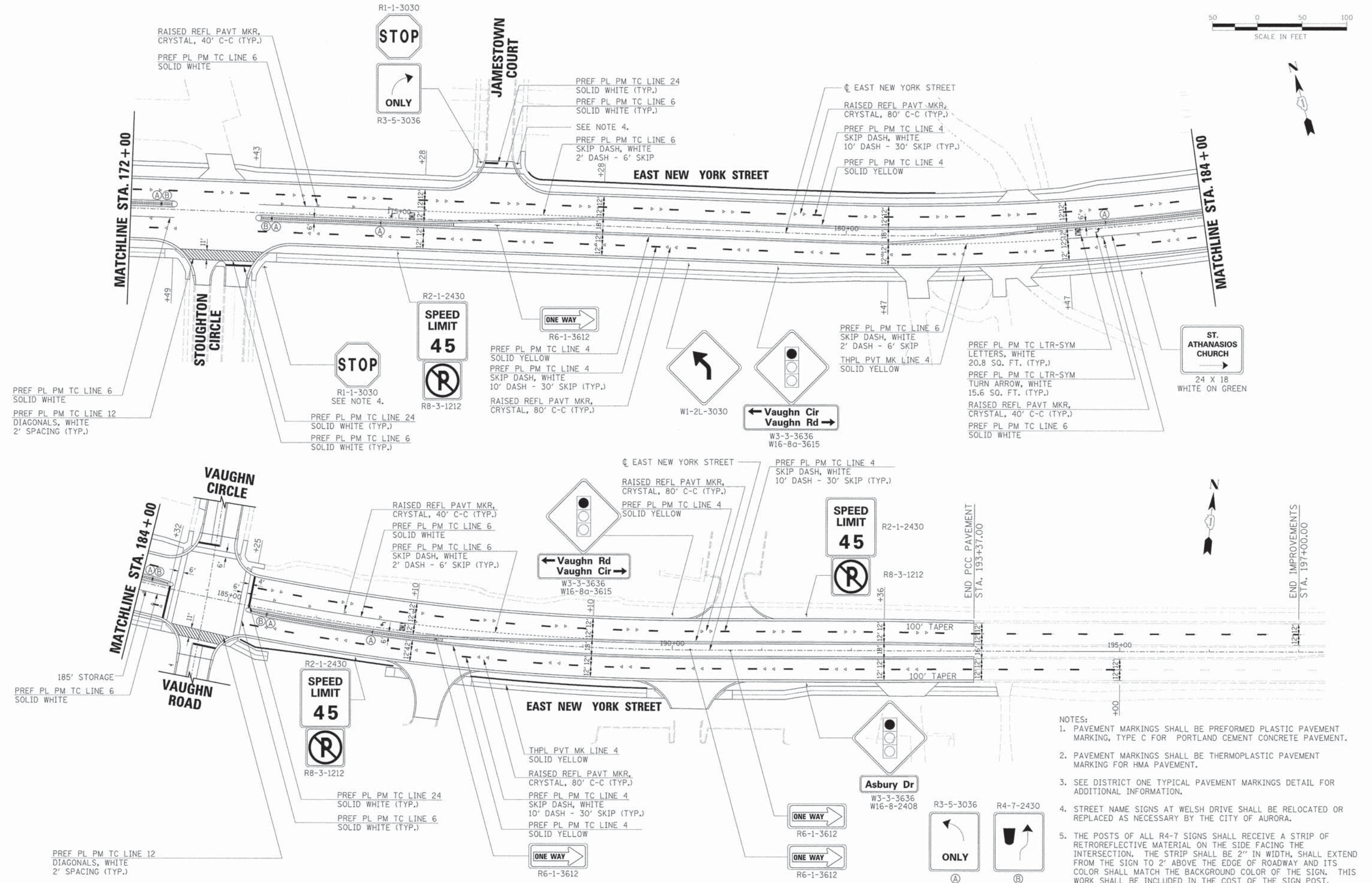
CONTRACT NO. 63838

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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	CHECKED	
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	NO. OF RAY CHECKED	
	STRUCTURE NO./AT/MS/CS/NO	
	NO.	



END IMPROVEMENTS
STA. 197+00.00



- NOTES:
- PAVEMENT MARKINGS SHALL BE PREFORMED PLASTIC PAVEMENT MARKING, TYPE C FOR PORTLAND CEMENT CONCRETE PAVEMENT.
 - PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING FOR HMA PAVEMENT.
 - SEE DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL FOR ADDITIONAL INFORMATION.
 - STREET NAME SIGNS AT WELSH DRIVE SHALL BE RELOCATED OR REPLACED AS NECESSARY BY THE CITY OF AURORA.
 - THE POSTS OF ALL R4-7 SIGNS SHALL RECEIVE A STRIP OF RETROREFLECTIVE MATERIAL ON THE SIDE FACING THE INTERSECTION. THE STRIP SHALL BE 2" IN WIDTH, SHALL EXTEND FROM THE SIGN TO 2' ABOVE THE EDGE OF ROADWAY AND ITS COLOR SHALL MATCH THE BACKGROUND COLOR OF THE SIGN. THIS WORK SHALL BE INCLUDED IN THE COST OF THE SIGN POST.



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184-001322

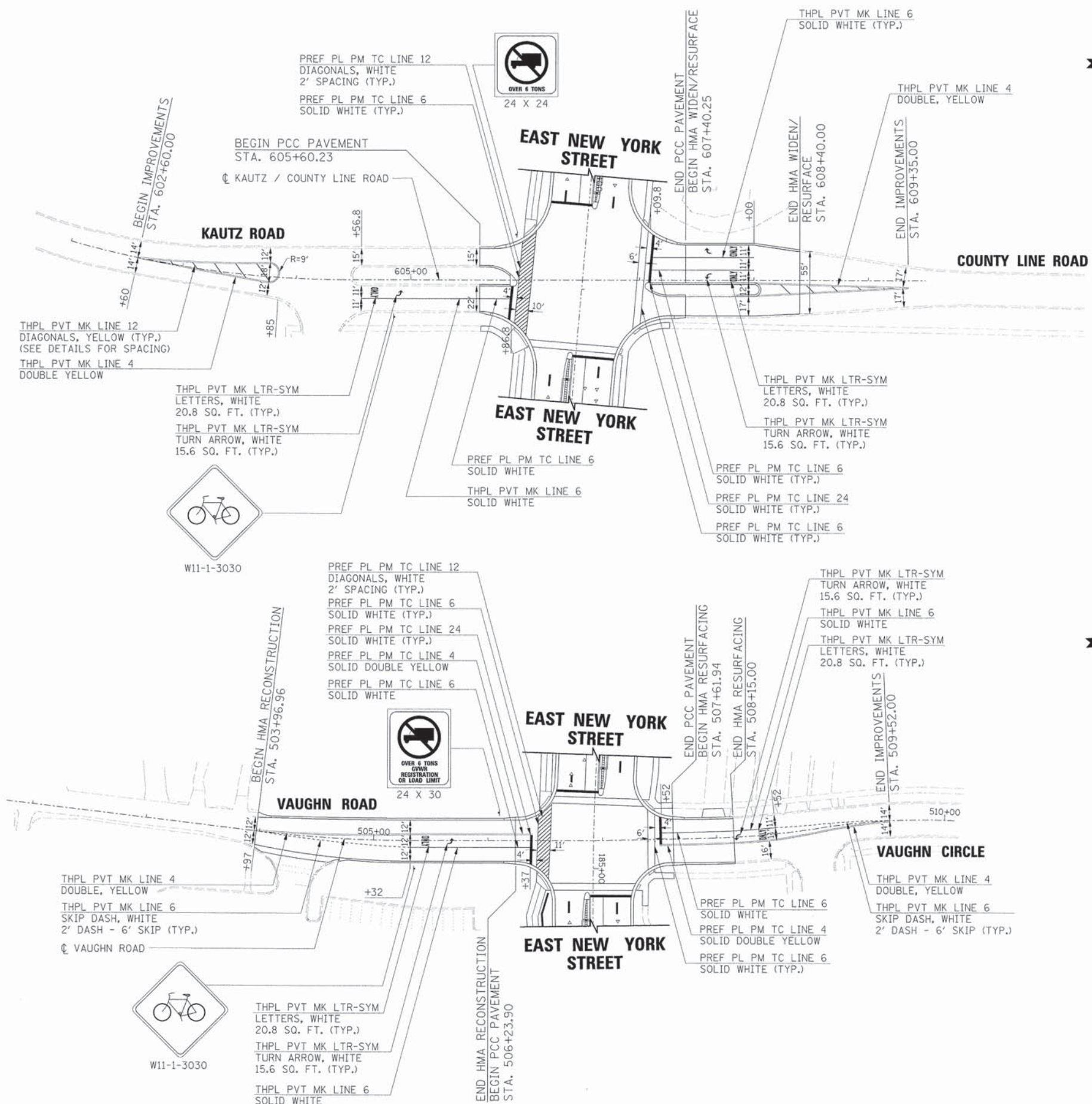
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PLOT DATE	= 6/4/2013	DATE	= 01/25/2013	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLANS
EAST NEW YORK STREET

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	88
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



PLAN

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PROFILE

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FILE NAME	NO.



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PLOT DATE = 6/4/2013	DATE - 01/25/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLANS
KAUTZ / COUNTY LINE ROAD AND
VAUGHN ROAD / VAUGHN CIRCLE

SCALE: SHEET NO. OF SHEETS STA. TO STA.

NOTES:

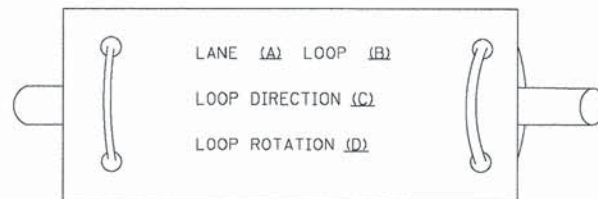
- PAVEMENT MARKINGS SHALL BE PERFORMED PLASTIC PAVEMENT MARKING, TYPE C FOR PORTLAND CEMENT CONCRETE PAVEMENT.
- PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKING FOR HMA PAVEMENT.
- SEE DISTRICT ONE TYPICAL PAVEMENT MARKINGS DETAIL FOR ADDITIONAL INFORMATION.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	89
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

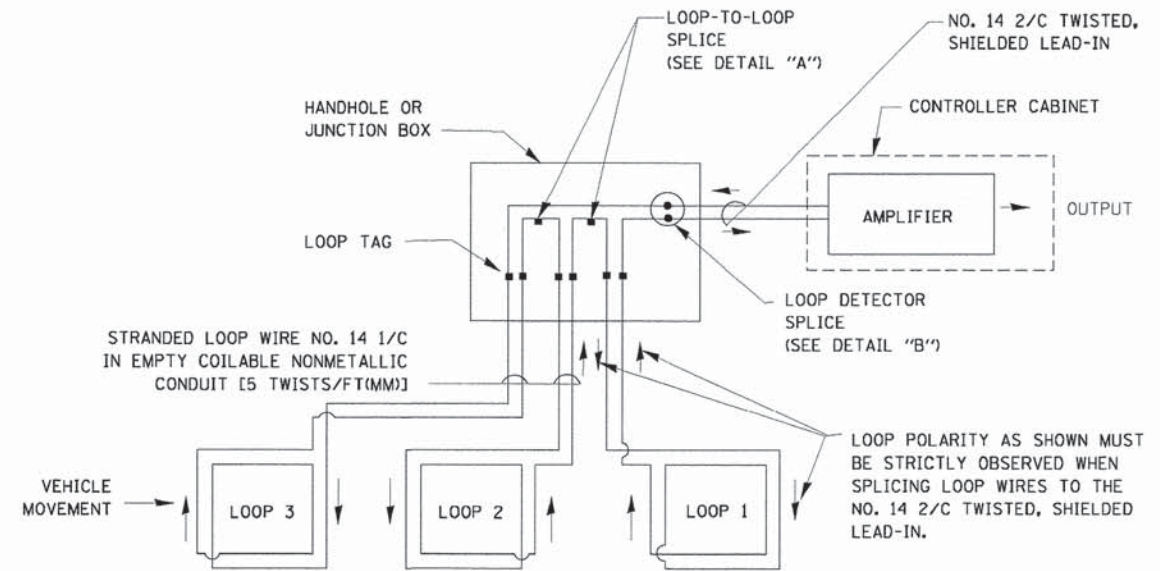
LOOP DETECTOR NOTES

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 DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

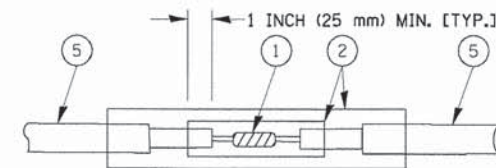


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

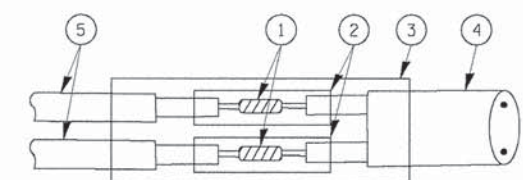


DETECTOR LOOP WIRING SCHEMATIC

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

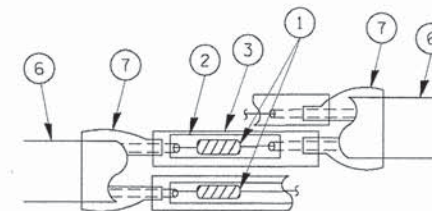


DETAIL "A" LOOP-TO-LOOP SPLICE

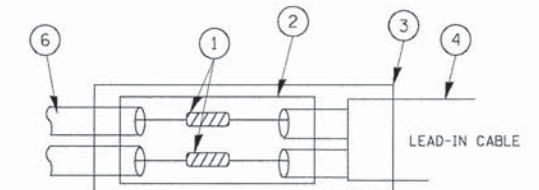


DETAIL "B" LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A" LOOP-TO-LOOP SPLICE



DETAIL "B" LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 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.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = bauerdl	DESIGNED - DAD	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

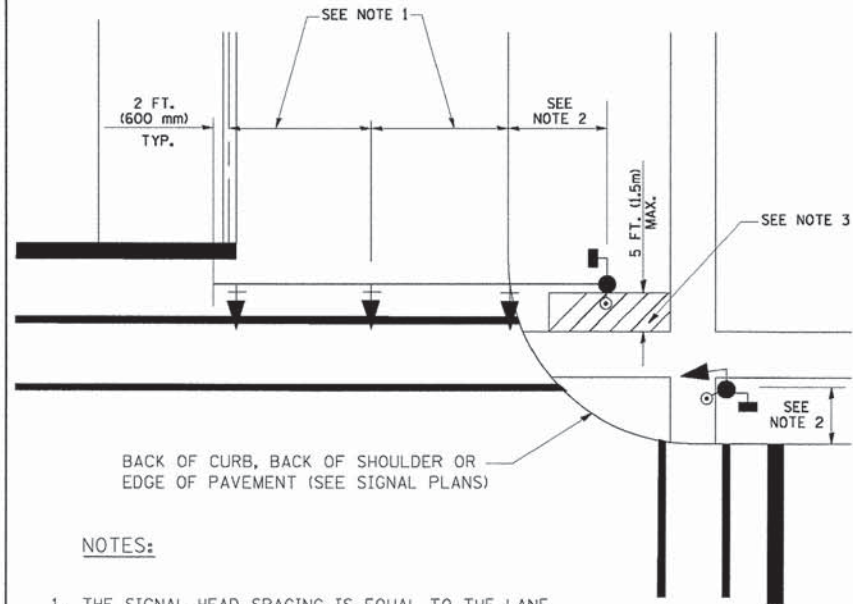
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	90
TS-05		CONTRACT NO. 63838		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

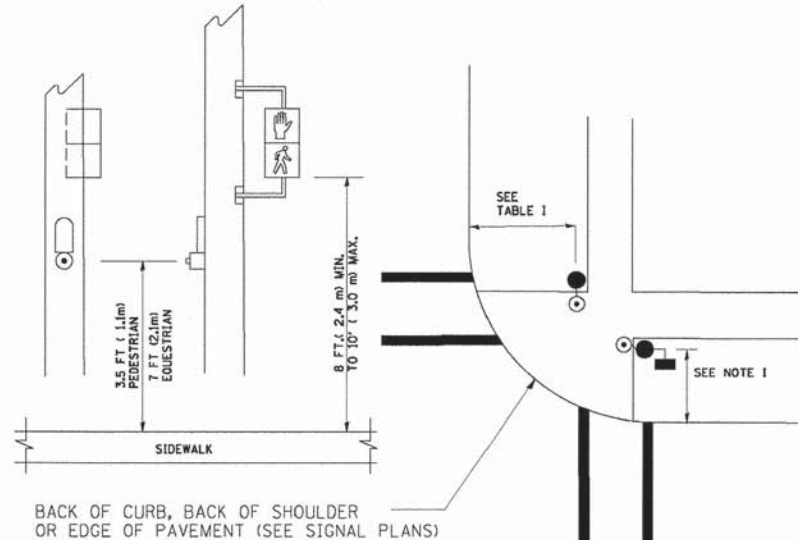
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

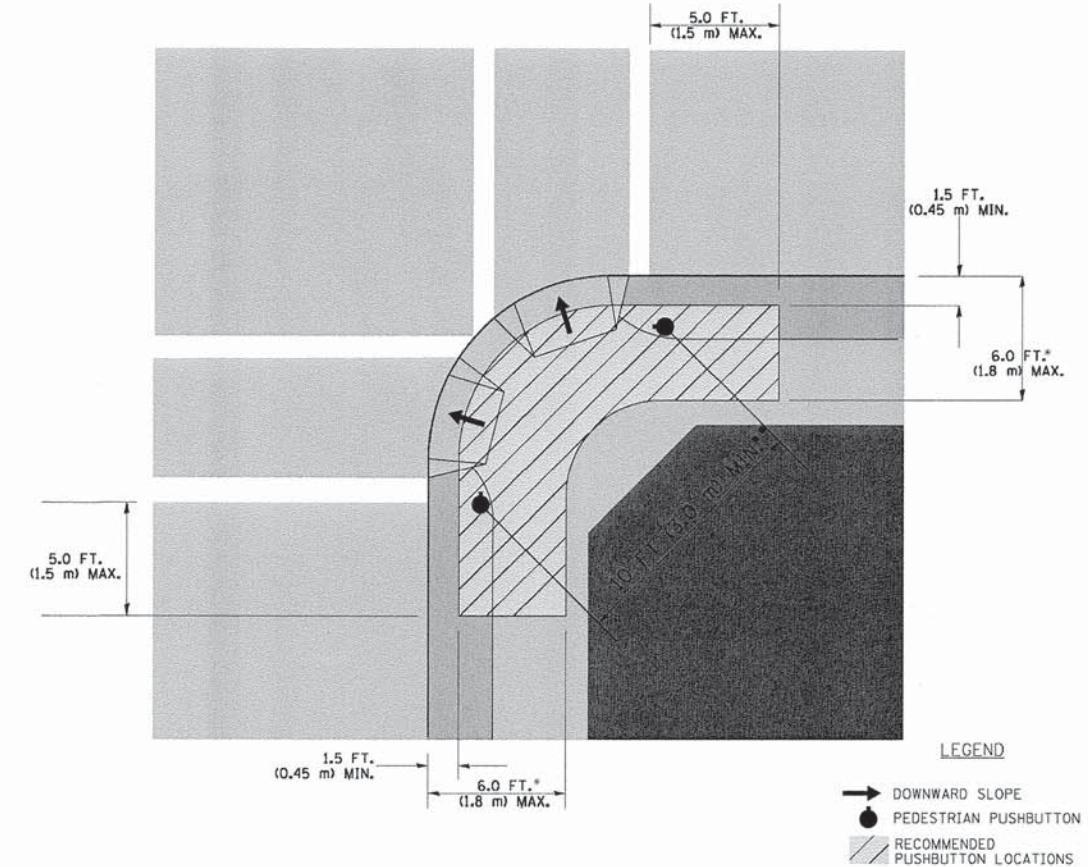
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- 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 (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

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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		CHECKED - DAD	REVISED -
		DATE - 10-28-09	REVISED -

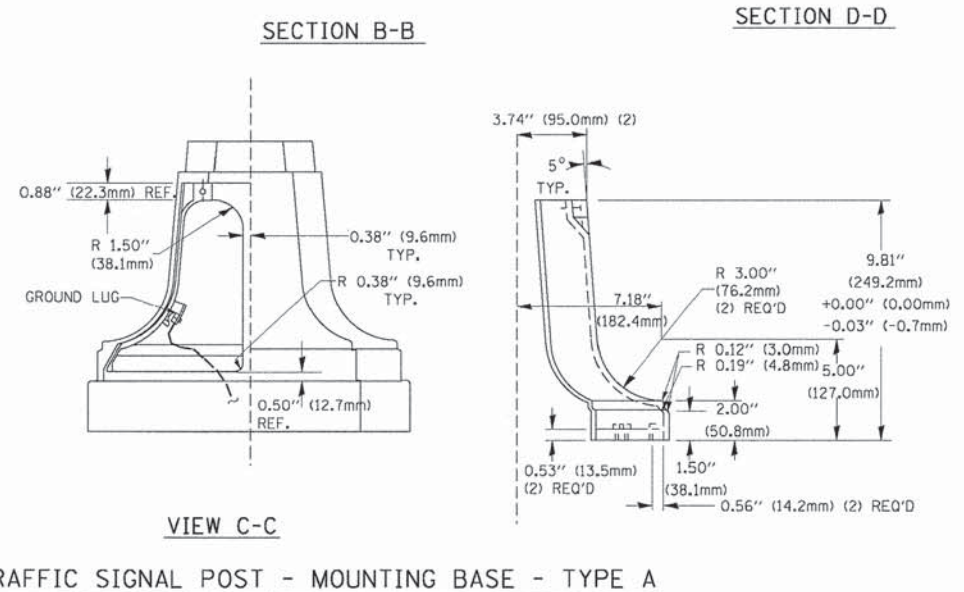
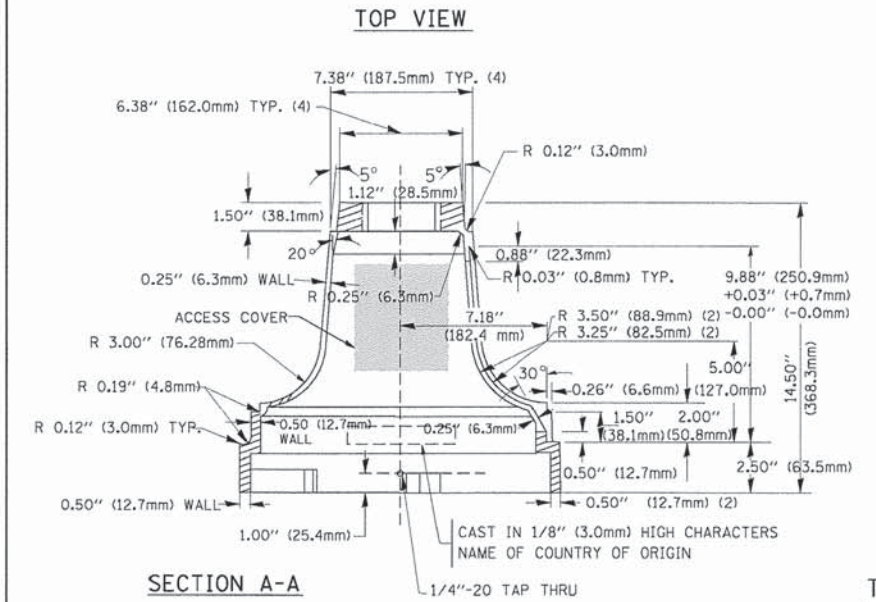
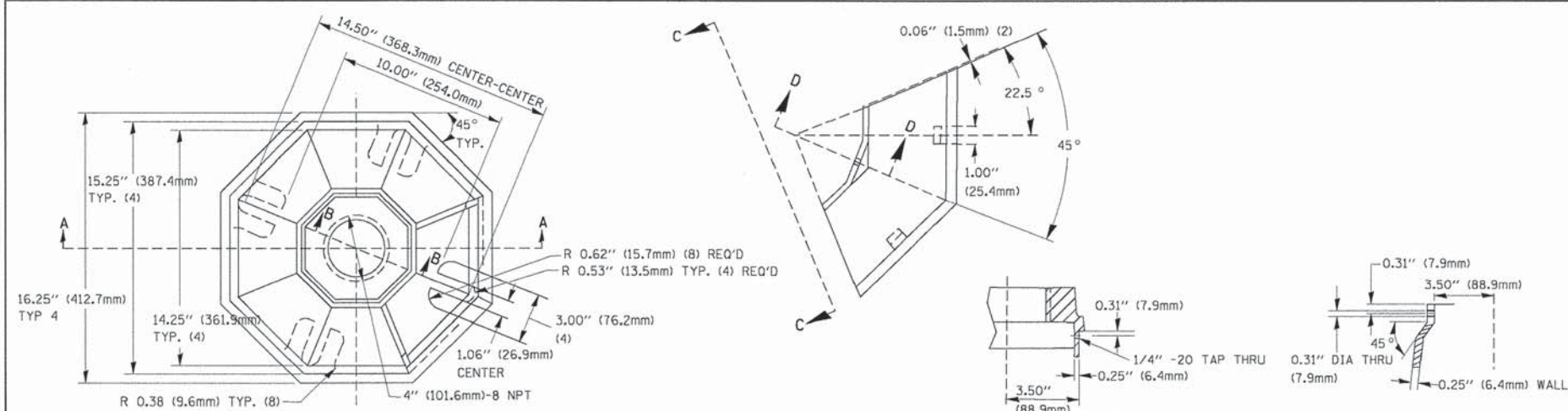
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

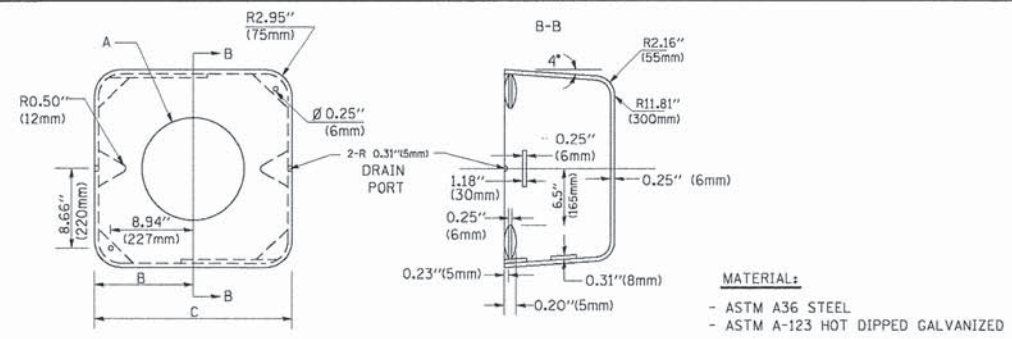
SCALE: NONE SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	91
TS-05		CONTRACT NO. 43838		

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



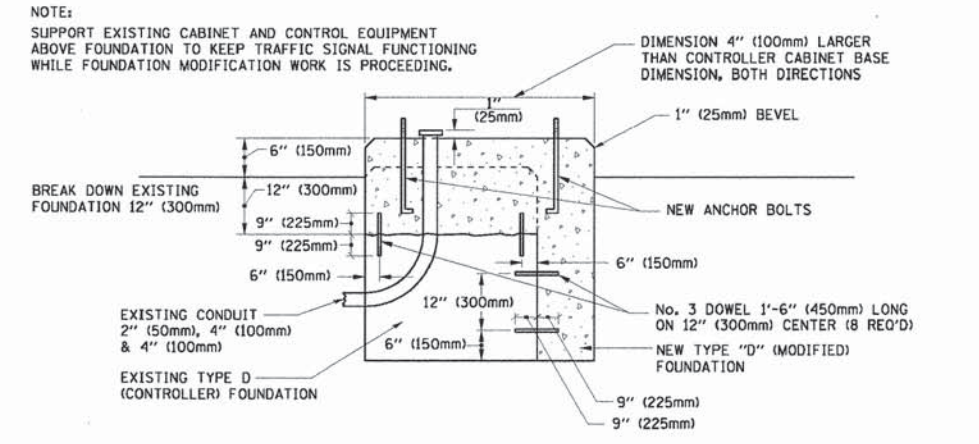
TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



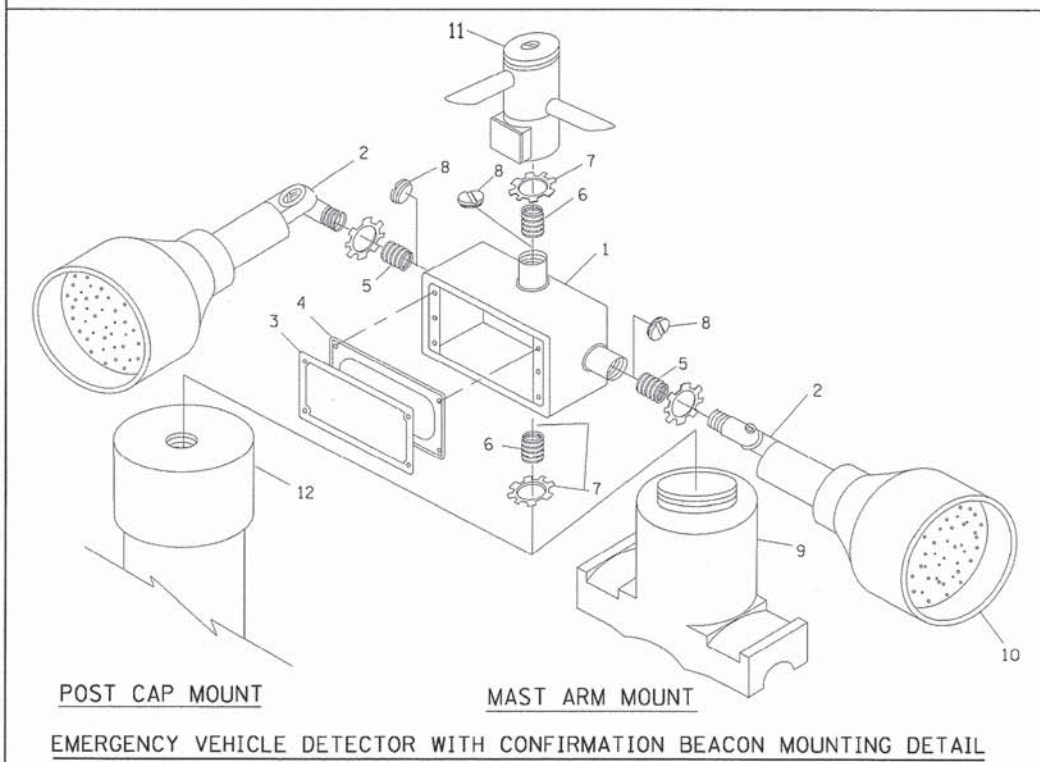
A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5\"(241mm)	19\"(483mm)	7\"(178mm) - 12\"(300mm)	53 lbs (24kg)
VARIABLES	10.75\"(273mm)	21.5\"(546mm)	7\"(178mm) - 12\"(300mm)	68 lbs (31 kg)
VARIABLES	13.0\"(330mm)	26\"(660mm)	7\"(178mm) - 12\"(300mm)	81 lbs (37 kg)
VARIABLES	18.5\"(470mm)	37\"(940mm)	7\"(178mm) - 12\"(300mm)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

SHROUD

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

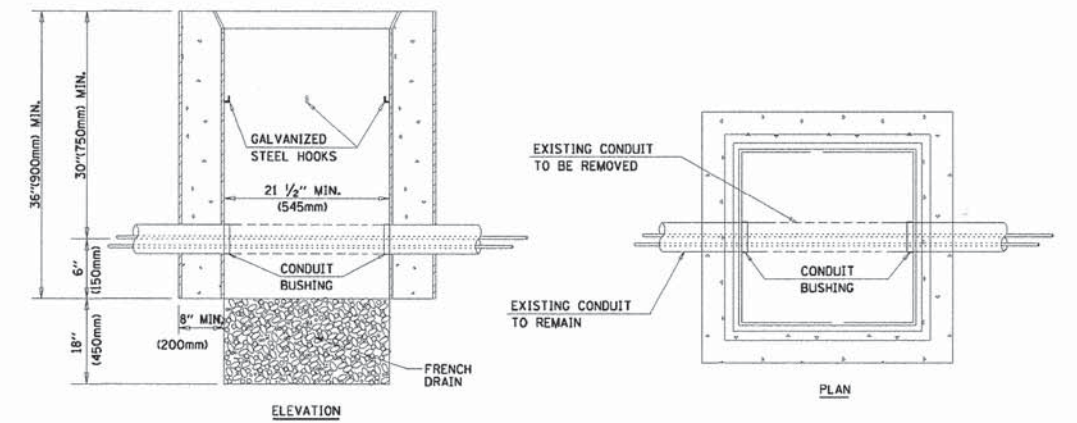


MODIFY EXISTING TYPE "D" FOUNDATION



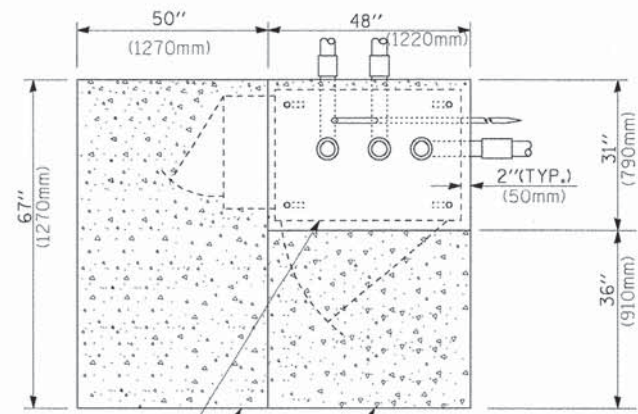
ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4\"(19 mm) CLOSE NIPPLE
7	3/4\"(19 mm) LOCKNUT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT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

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

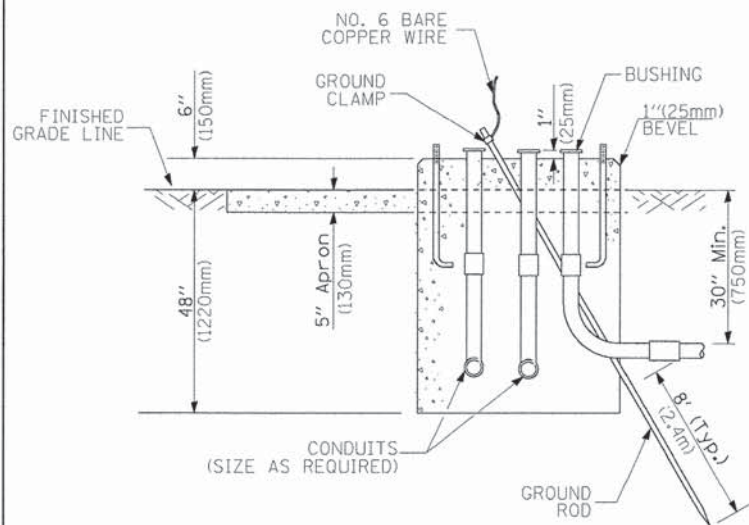


- NOTES:
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

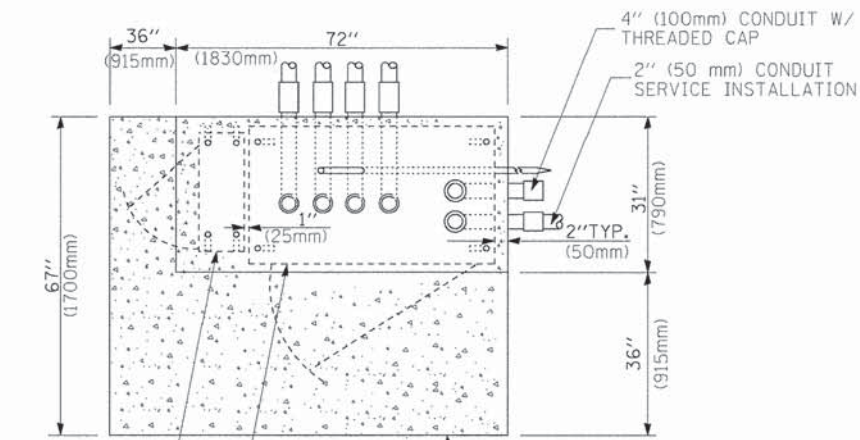


CONTROLLER CABINET BASE
EXISTING APRON
PROPOSED APRON
TOP VIEW

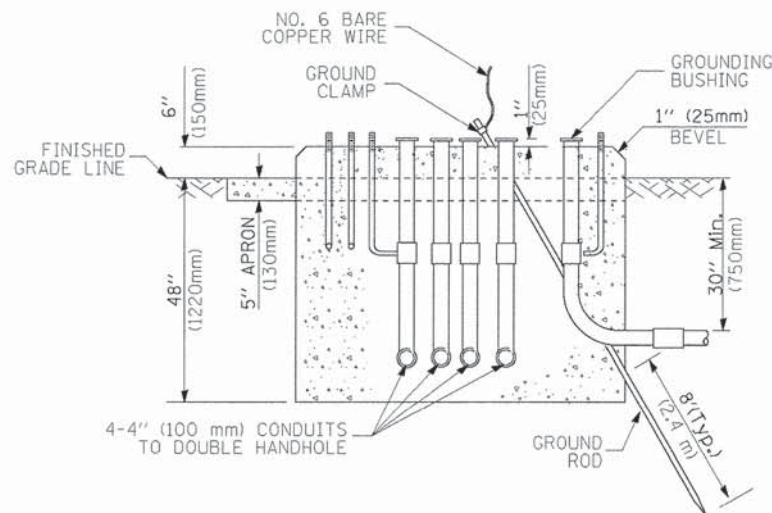


NO. 6 BARE COPPER WIRE
GROUND CLAMP
BUSHING
FINISHED GRADE LINE
6" (150mm)
48" (1220mm)
5" APRON (130mm)
30" Min. (750mm)
1" (25mm) BEVEL
CONDUITS (SIZE AS REQUIRED)
GROUND ROD
8" (TYP.) (2.4m)

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

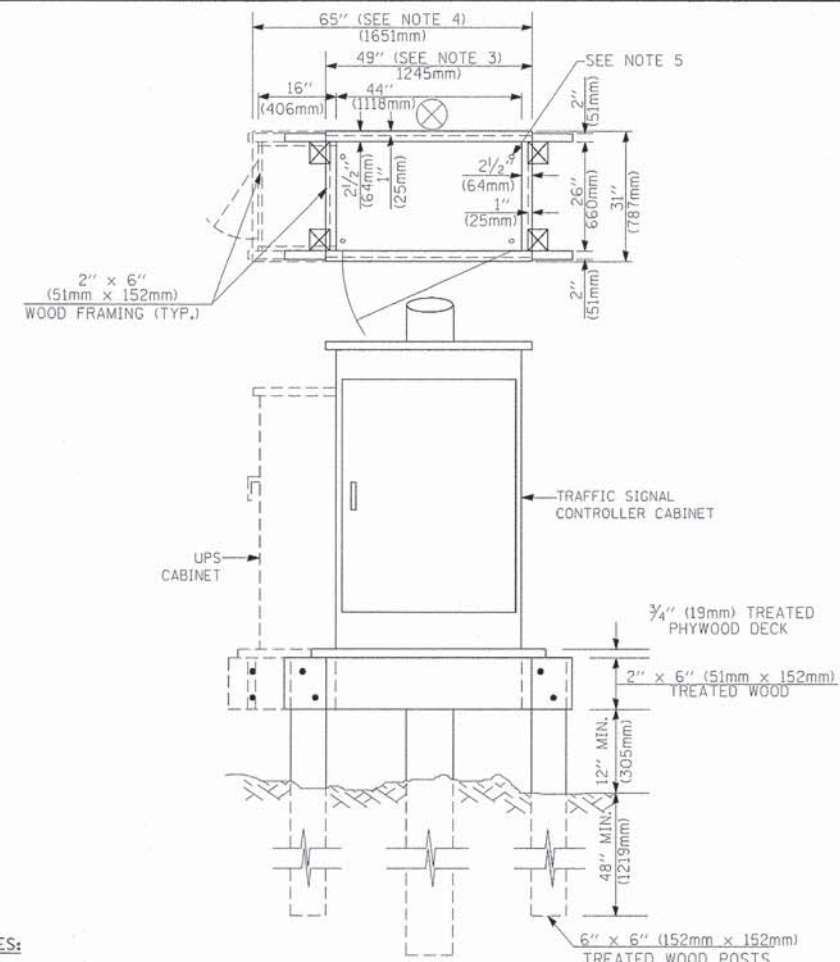


UPS CABINET BASE
CONTROLLER CABINET BASE
APRON
TOP VIEW



NO. 6 BARE COPPER WIRE
GROUND CLAMP
GROUND BUSHING
FINISHED GRADE LINE
6" (150mm)
48" (1220mm)
5" APRON (130mm)
30" Min. (750mm)
1" (25mm) BEVEL
4-4" (100 mm) CONDUITS TO DOUBLE HANDHOLE
GROUND ROD
8" (TYP.) (2.4 m)

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



NOTES:

1. 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.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

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

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)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (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.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

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PLOT SCALE = 50.0000' / 1" =		CHECKED - DAD	REVISED -
PLOT DATE = 11/4/2009		DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

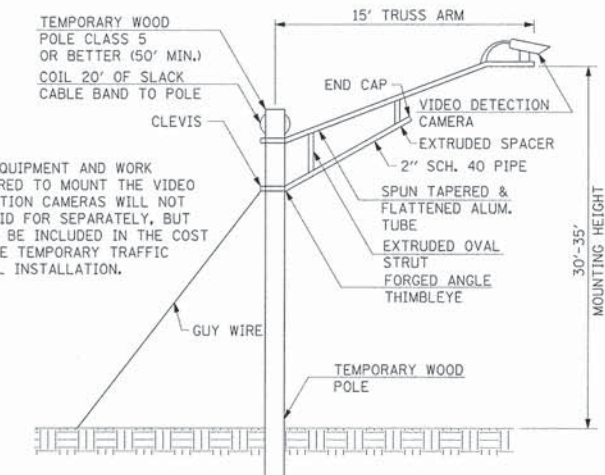
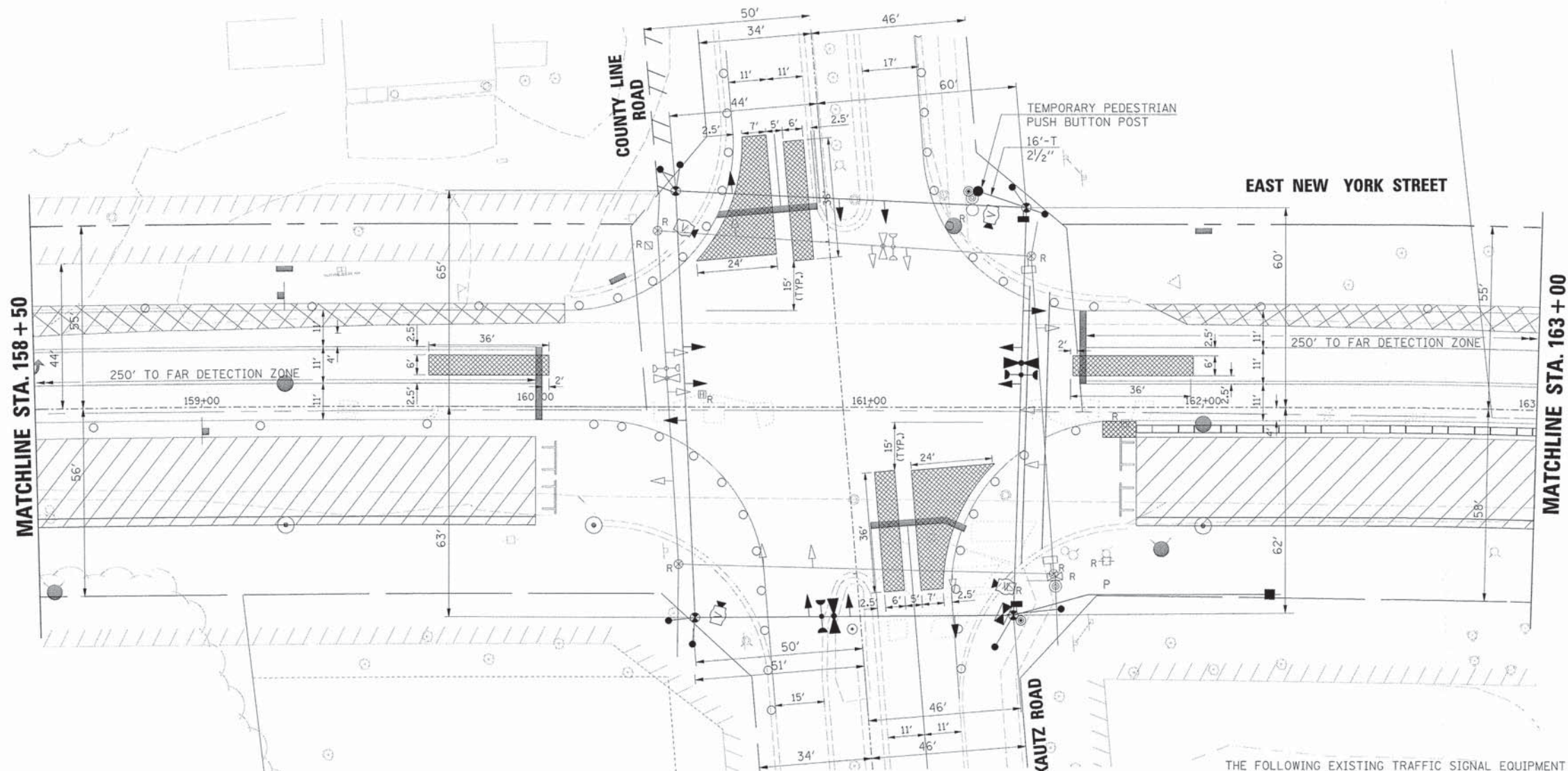
SCALE: NONE	SHEET NO. 5 OF 6 SHEETS	STA. TO STA.	F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 94
			TS-05		CONTRACT NO. 63838		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED																	
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE																				
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE																				
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA																				
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED																				
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F																				
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F																				
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F 5M12F																				
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)																				
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE																				
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED																				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM		S	S	STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED																				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM		I	IP	ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED																				
SIGNAL POST				REMOVE ITEM	R			STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED																				
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM	RL			SIGNAL POST AND FOUNDATION TO BE REMOVED																				
GUY WIRE				ABANDON ITEM	A			INTERSECTION & SAMPLING (SYSTEM) DETECTOR																				
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR																				
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																				
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																				
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																				
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PREFORMED SAMPLING (SYSTEM) DETECTOR																				
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				<h2 style="margin: 0;">RAILROAD SYMBOLS</h2> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;">EXISTING</th> <th style="width: 25%;">PROPOSED</th> </tr> </thead> <tbody> <tr> <td>RAILROAD CONTROL CABINET</td> <td></td> <td></td> </tr> <tr> <td>RAILROAD CANTILEVER MAST ARM</td> <td></td> <td></td> </tr> <tr> <td>FLASHING SIGNAL</td> <td></td> <td></td> </tr> <tr> <td>CROSSING GATE</td> <td></td> <td></td> </tr> <tr> <td>CROSSBUCK</td> <td></td> <td></td> </tr> </tbody> </table>				EXISTING	PROPOSED	RAILROAD CONTROL CABINET			RAILROAD CANTILEVER MAST ARM			FLASHING SIGNAL			CROSSING GATE			CROSSBUCK		
	EXISTING	PROPOSED																										
RAILROAD CONTROL CABINET																												
RAILROAD CANTILEVER MAST ARM																												
FLASHING SIGNAL																												
CROSSING GATE																												
CROSSBUCK																												
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID																								
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER																								
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT																								
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER																								
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED																								
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)																								
MICROWAVE VEHICLE SENSOR																												
VIDEO DETECTION CAMERA																												
VIDEO DETECTION ZONE																												
PAN, TILT, ZOOM CAMERA																												
WIRELESS DETECTOR SENSOR																												
WIRELESS ACCESS POINT																												



NOTE:
VIDEO DETECTION ZONES AND SIGNAL HEADS SHOWN ARE BASED ON THE TEMPORARY STRIPING LAYOUT FOR STAGE 1A. THE VIDEO DETECTION ZONES SHALL BE REDRAWN AND THE SIGNAL HEADS SHALL BE MOVED TO ACCOMMODATE THE TEMPORARY STRIPING IN THE REMAINING STAGES.



TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL BECOME THE PROPERTY OF THE CITY OF AURORA AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY'S ELECTRICAL YARD ALONG WITH FIVE (5) COPIES OF A LIST OF EQUIPMENT THAT IS TO REMAIN THE PROPERTY OF THE CITY IN ACCORDANCE WITH THE TRAFFIC SIGNAL SPECIFICATIONS. A LIST OF EQUIPMENT SHALL ALSO BE PROVIDED TO THE CITY'S ENGINEERING DEPARTMENT. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (SEE SCHEDULE OF QUANTITIES FOR REMOVAL ITEMS TO BE PAID FOR SEPARATELY).

4	EACH	TRAFFIC SIGNAL WOOD POLE
12	EACH	TRAFFIC SIGNAL HEADS
2	EACH	PEDESTRIAN SIGNAL HEADS
2	EACH	PEDESTRIAN PUSH BUTTONS
1	EACH	PEDESTRIAN PUSH BUTTON POST
2	EACH	LIGHT DETECTORS
2	EACH	CONFIRMATION BEACONS
1	EACH	SERVICE INSTALLATION
1	EACH	TRAFFIC SIGNAL CABINET (COMPLETE)
	ALL	ELECTRIC CABLE

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL BECOME THE PROPERTY OF THE CITY OF AURORA AND SHALL BE DELIVERED BY THE CONTRACTOR TO EITHER MR. ERIC GALLT (630-256-3237) OR MR. STEVE ZABURUNOV (630-688-8414) ALONG WITH FIVE (5) COPIES OF A LIST OF EQUIPMENT THAT IS TO REMAIN THE PROPERTY OF THE CITY IN ACCORDANCE WITH THE TRAFFIC SIGNAL SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

1	EACH	TRAFFIC SIGNAL CONTROLLER
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NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
- ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
- UNINTERRUPTABLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
- TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
- DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
- WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.
- ALL LABOR AND MATERIAL REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

LEGEND

	EXISTING RIGHT-OF-WAY
	EXISTING PERMANENT EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT
	PROPOSED RIGHT-OF-WAY

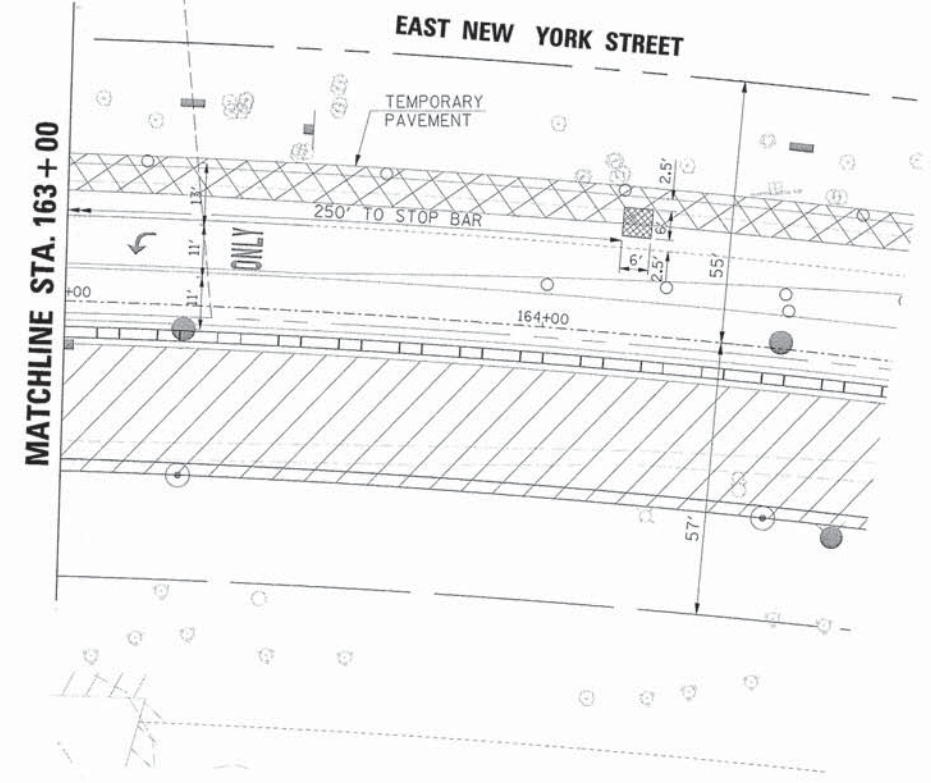
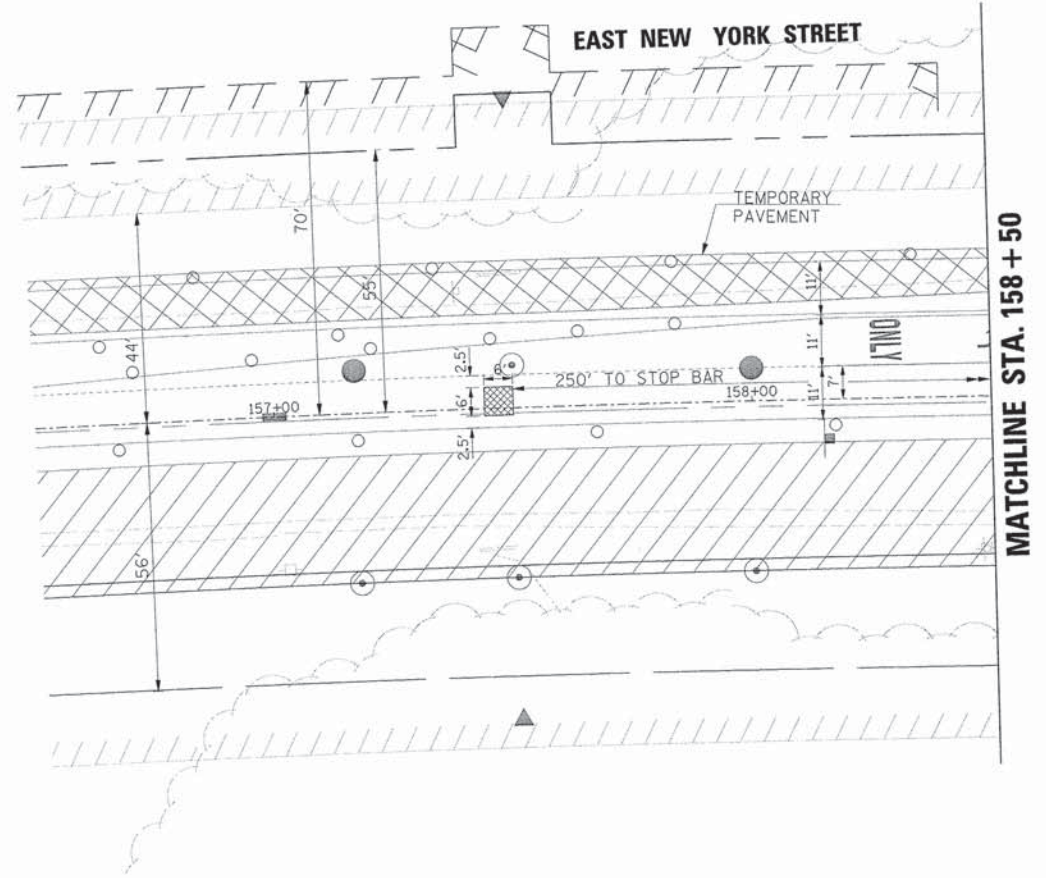
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BY	
REVISIONS	
NO.	DATE
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PROFILE	DATE
BY	
REVISIONS	
NO.	DATE
1	

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	PLOT SCALE =	CHECKED = APS	REVISED =
	PLOT DATE = 6/1/2013	DATE = 01/25/2013	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED KAUTZ / COUNTY LINE ROAD - (SHEET 1 OF 2)				F.A.U. RTE. 1522	SECTION 07-00210-01-PV	COUNTY DUPAGE/KANE	TOTAL SHEETS 167	SHEET NO. 96
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 63838				



PLAN	REVIEWED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	REVIEWED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	

LEGEND

——	EXISTING RIGHT-OF-WAY
////	EXISTING PERMANENT EASEMENT
////	PROPOSED PERMANENT EASEMENT
///	PROPOSED TEMPORARY EASEMENT
- - - -	PROPOSED RIGHT-OF-WAY



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

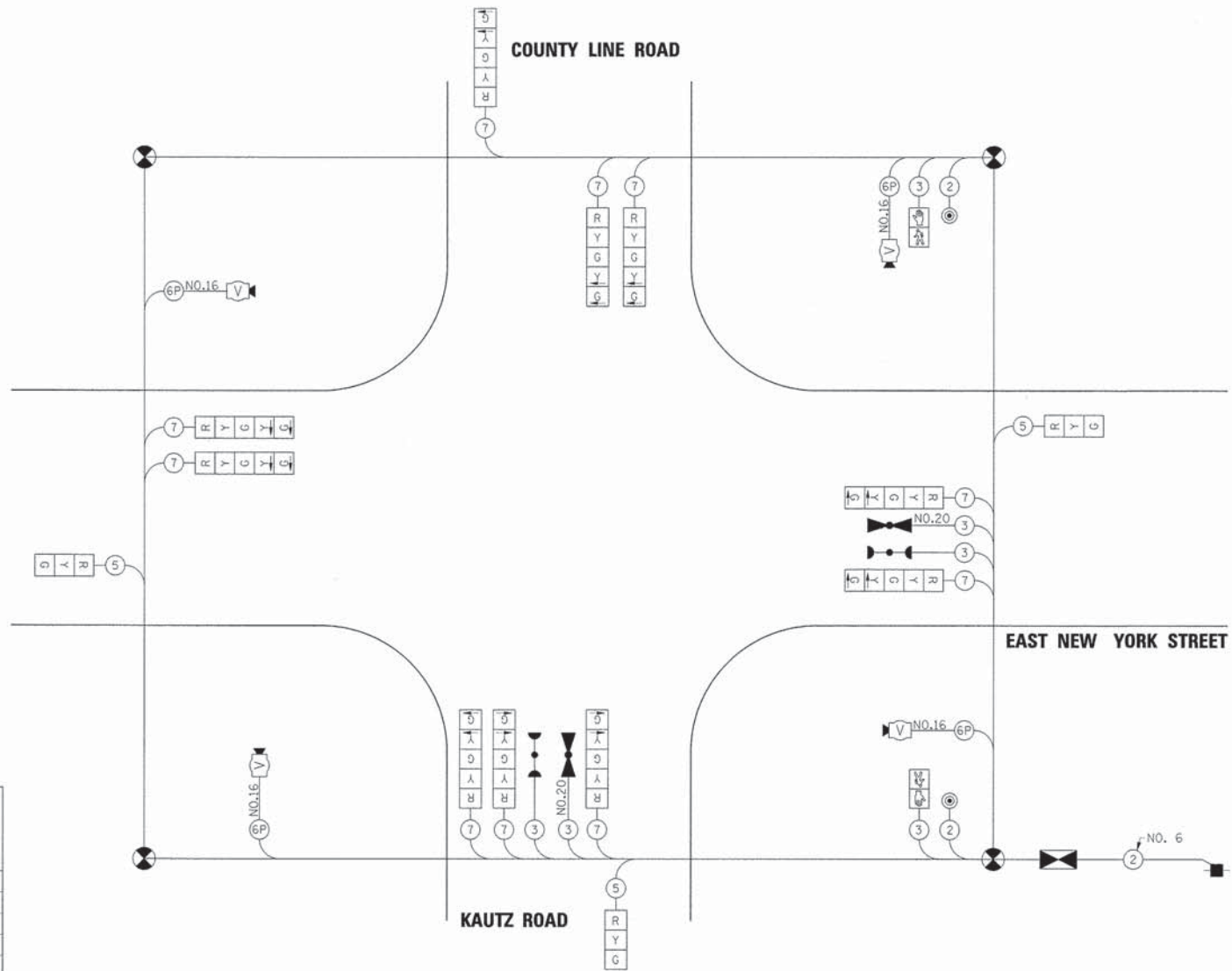
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND
EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED
KAUTZ / COUNTY LINE ROAD - (SHEET 2 OF 2)**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	97
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63838		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	REVISIONS	
	NO. OF REVISIONS	
	NO. OF REVISIONS CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	NO. OF REVISIONS CHECKED	
	STRUCTURE NOTATIONS CHKD	



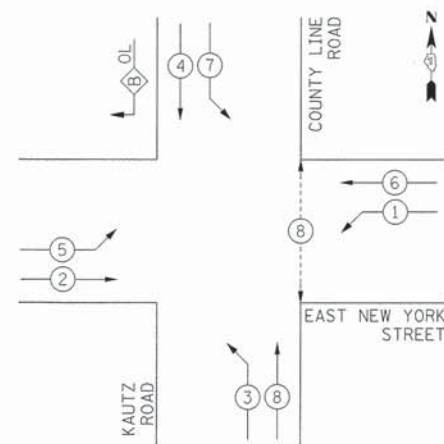
I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS - STAGES 1A & 2A					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	13	17	0.50	110.5	
(YELLOW)	13	25	0.25	81.3	
(GREEN)	13	15	0.25	48.8	
ARROW	16	12	0.10	19.2	
PED. SIGNAL	2	25	1.00	50	
CONTROLLER	1	100	1.00	100	
VIDEO SYSTEM	1	15	1.00	15	
TOTAL =					424.8

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS - STAGE 3					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	13	17	0.50	110.5	
(YELLOW)	13	25	0.25	81.3	
(GREEN)	13	15	0.25	48.8	
ARROW	20	12	0.10	24	
PED. SIGNAL	2	25	1.00	50	
CONTROLLER	1	100	1.00	100	
VIDEO SYSTEM	1	15	1.00	15	
TOTAL =					429.6

ENERGY COSTS TO: CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60507-2067

ENERGY SUPPLY CONTACT: MARK SCHERIBEL
PHONE: (630) 723-2128
COMPANY: COMMONWEALTH EDISON

CONTROLLER SEQUENCE - STAGE 1A, 2A, & 3



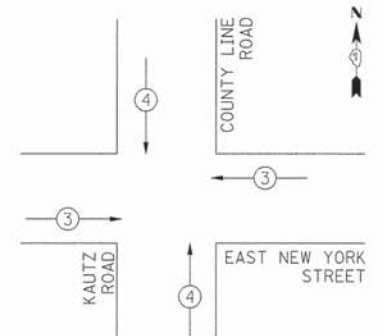
PHASE DESIGNATION DIAGRAM

OVERLAP PHASE	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5

NOTE: THE RIGHT TURN OVERLAP SHALL BE TURNED OFF IN STAGE 1A AND 2A AND SHALL BE TURNED ON IN STAGE 3.

CONTROLLER SEQUENCE LEGEND

- ← ⊕ → DUAL ENTRY PHASE
- ← ⊕ → SINGLE ENTRY PHASE
- ← ⊕ OL → OVERLAP
- * NUMBER REFERRING TO ASSOCIATED PHASE
- ← ⊕ → PEDESTRIAN PHASE



EMERGENCY VEHICLE PREEMPTION SEQUENCE

PROPOSED EMERGENCY VEHICLE PREEMPTORS	
PROPOSED EMERGENCY VEHICLE PREEMPTORS	MOVEMENT
3	4
←	↑



USER NAME = gchris
FILE NAME = 684_tsig@to_kautz.cable@i.dgn
PLOT SCALE =
PLOT DATE = 6/4/2013

DESIGNED - JRS
DRAWN - BAH
CHECKED - APS
DATE - 01/25/2013

REVISED - 11/01/2011
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN AND PHASE DESIGNATION DIAGRAM
STAGES 1A, 2A, & 3
KAUTZ / COUNTY LINE ROAD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	98
CONTRACT NO. 63838				

FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO.	
	DATE	

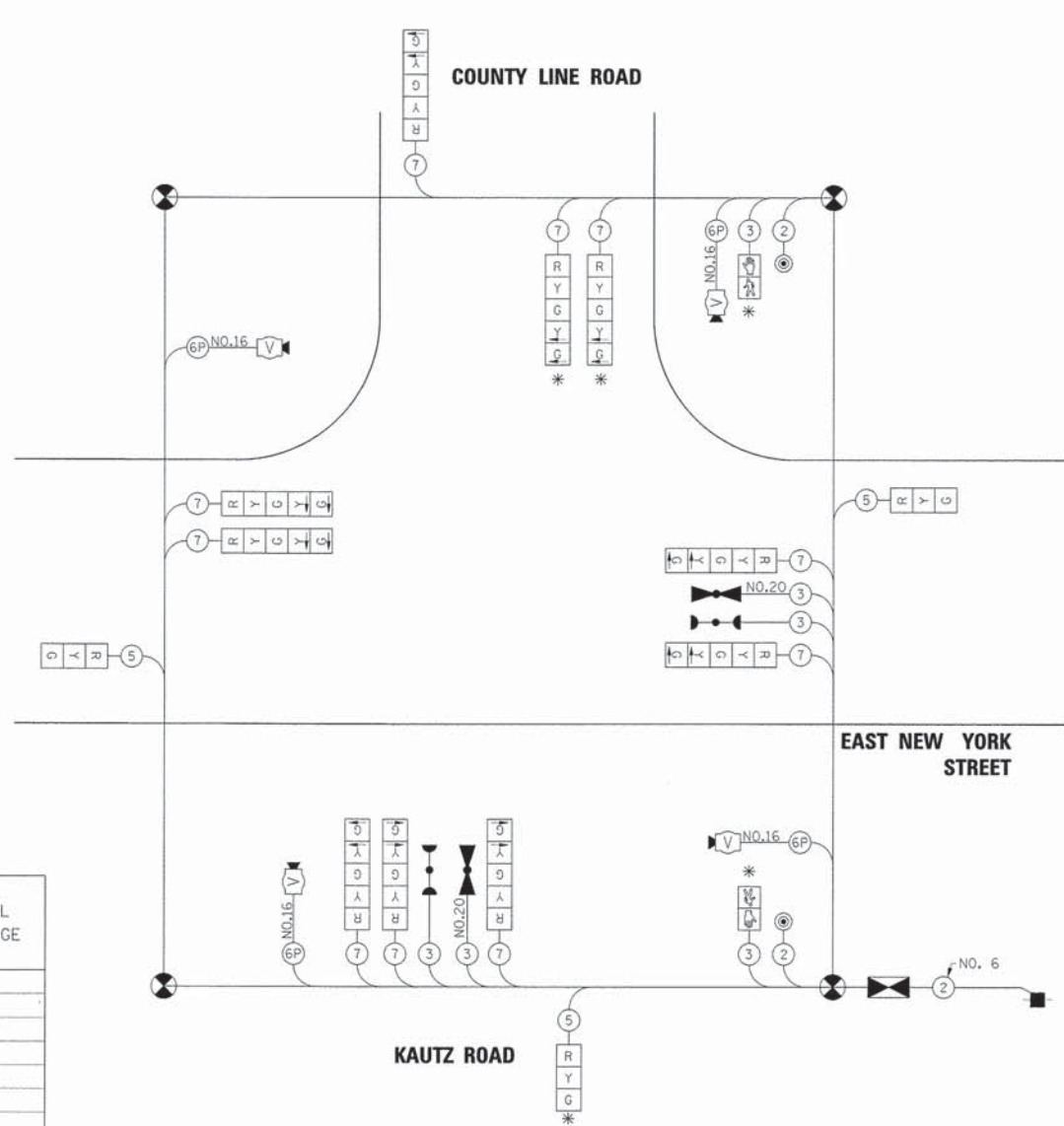
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	PLOTTED	
	NOTED	
	BY	
	NO.	
	DATE	

I.D.O.T TRAFFIC SIGNAL INSTALLATION					
ELECTRICAL SERVICE REQUIREMENTS - STAGE 1B					
TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	10	17	0.50	85	
(YELLOW)	10	25	0.25	62.5	
(GREEN)	10	15	0.25	37.5	
ARROW	4	12	0.10	4.8	
CONTROLLER	1	100	1.00	100	
VIDEO SYSTEM	1	15	1.00	15	
TOTAL = 304.8					

I.D.O.T TRAFFIC SIGNAL INSTALLATION					
ELECTRICAL SERVICE REQUIREMENTS - STAGE 2B					
TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	9	17	0.50	76.5	
(YELLOW)	9	25	0.25	56.3	
(GREEN)	9	15	0.25	33.8	
ARROW	4	12	0.10	4.8	
CONTROLLER	1	100	1.00	100	
VIDEO SYSTEM	1	15	1.00	15	
TOTAL = 286.4					

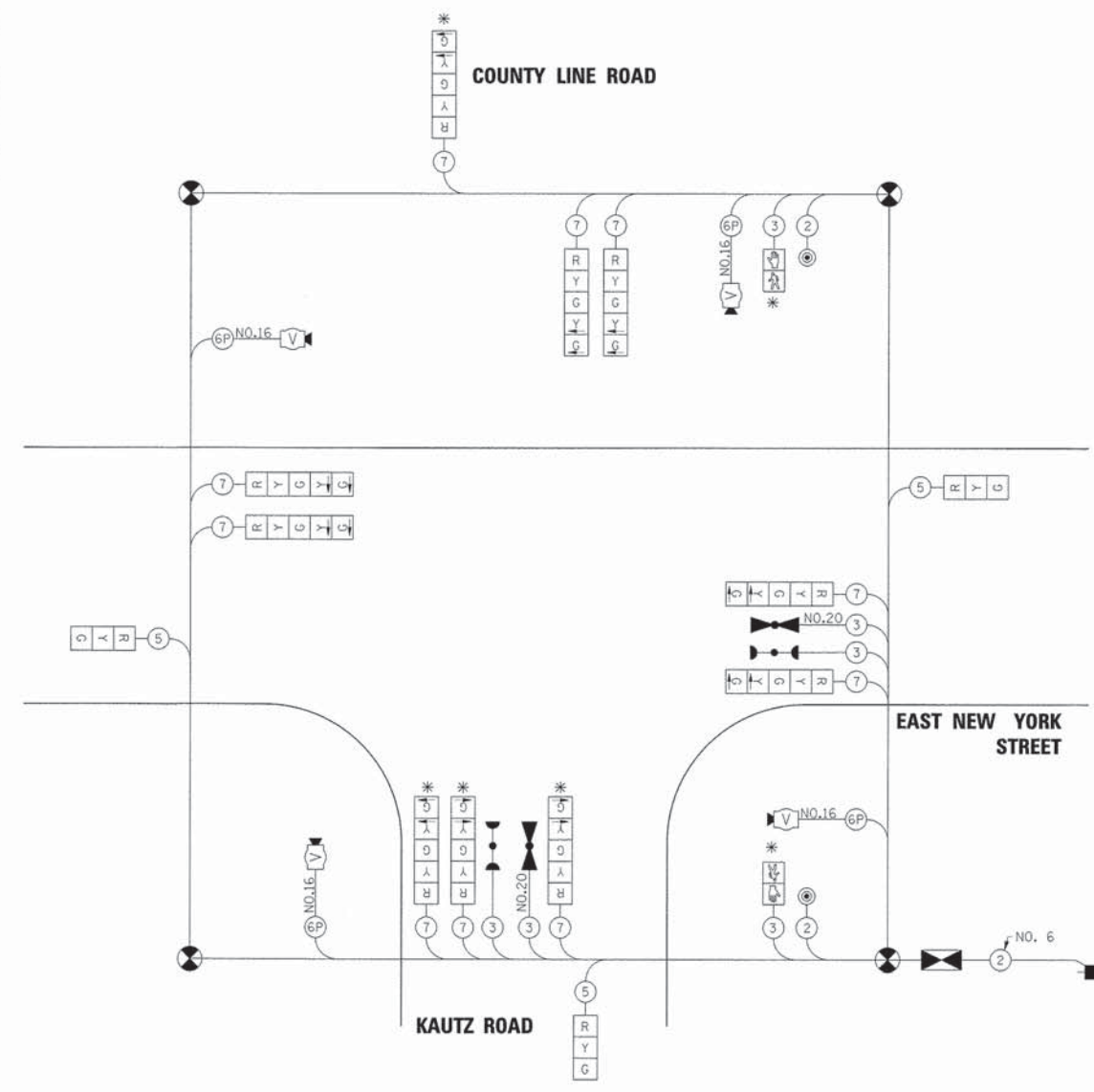
ENERGY COSTS TO: CITY OF AURORA
44 E. DOWNER PLACE
AURORA, IL 60507-2067

ENERGY SUPPLY CONTACT: MARK SCHERIBEL
PHONE: (630) 723-2128
COMPANY: COMMONWEALTH EDISON



CABLE PLAN - STAGE 1B

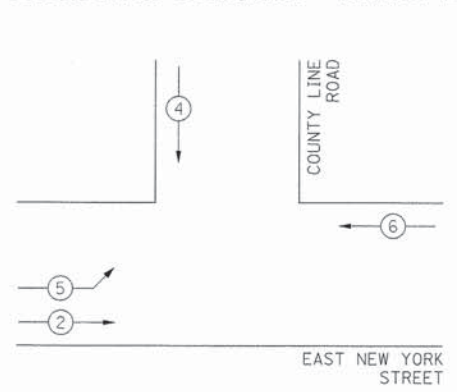
* THESE SIGNAL HEADS SHALL BE COVERED IN STAGE 1B.



CABLE PLAN - STAGE 2B

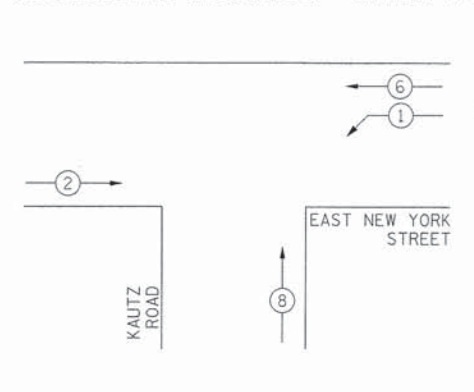
* THESE SIGNAL HEADS SHALL BE COVERED IN STAGE 2B.

CONTROLLER SEQUENCE - STAGE 1B



PHASE DESIGNATION DIAGRAM

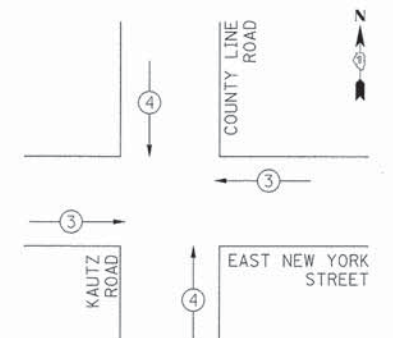
CONTROLLER SEQUENCE - STAGE 2B



PHASE DESIGNATION DIAGRAM

CONTROLLER SEQUENCE LEGEND

- ← ⊕ → DUAL ENTRY PHASE
- ← ⊛ → SINGLE ENTRY PHASE
- ← ⊕ OL → OVERLAP
- * NUMBER REFERRING TO ASSOCIATED PHASE
- ← ⊕ → PEDESTRIAN PHASE



EMERGENCY VEHICLE PREEMPTION SEQUENCE

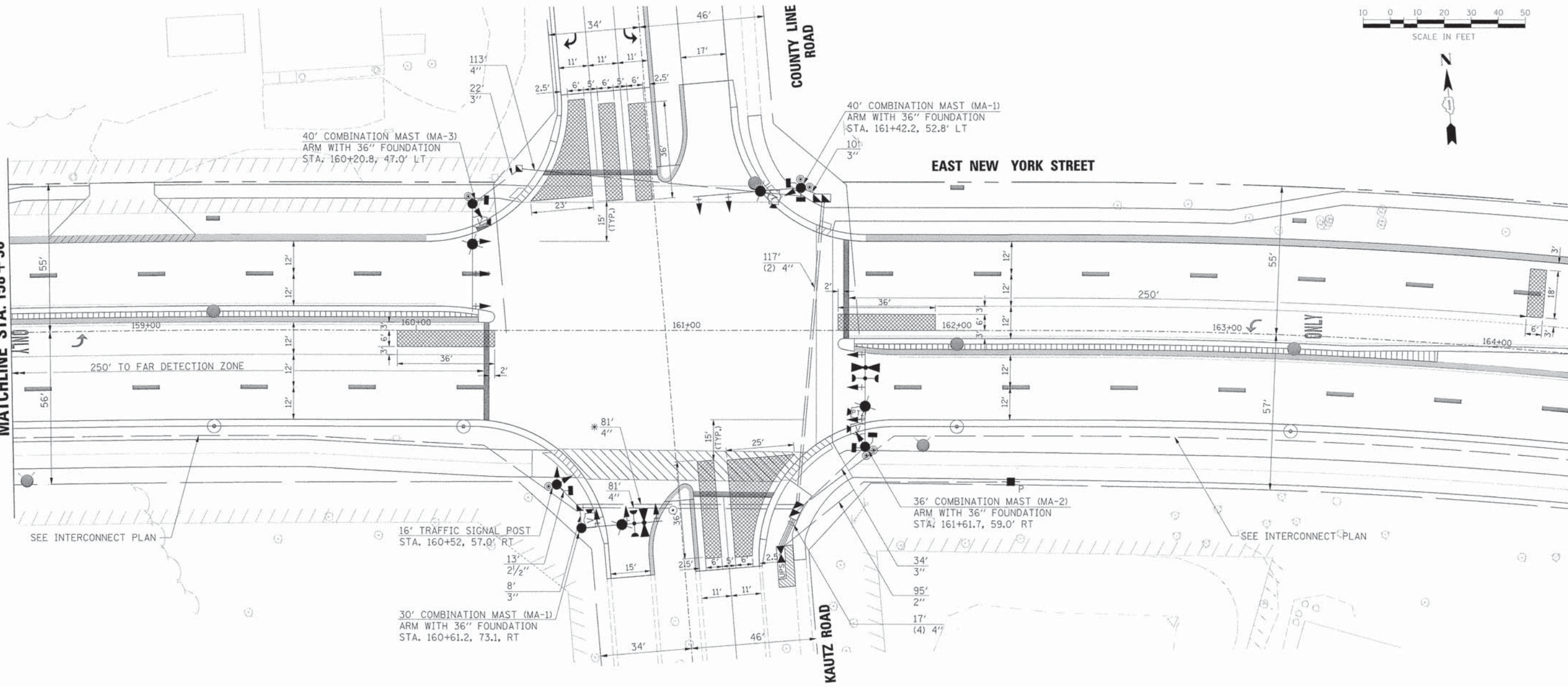
PROPOSED EMERGENCY VEHICLE PREEMPTORS	
PROPOSED EMERGENCY VEHICLE PREEMPTORS	
MOVEMENT (STAGE 1B)	3 4
MOVEMENT (STAGE 2B)	← ↑



PLAN	DATE
SUBMITTED	
PLOTTED	
NOTE BOOK	
ALIGNMENT CHECKED	
TRAFFIC SIGNAL CHECKED	
CADD FILE NAME	
NO.	

PROFILE	DATE
SUBMITTED	
PLOTTED	
NOTE BOOK	
GRADES CHECKED	
STRUCTURE NOTATION OK'D	
NO.	

MATCHLINE STA. 158 + 50



SEE INTERCONNECT PLAN

16' TRAFFIC SIGNAL POST
STA. 160+52, 57.0' RT

30' COMBINATION MAST (MA-1)
ARM WITH 36" FOUNDATION
STA. 160+61.2, 73.1, RT

40' COMBINATION MAST (MA-1)
ARM WITH 36" FOUNDATION
STA. 161+42.2, 52.8' LT

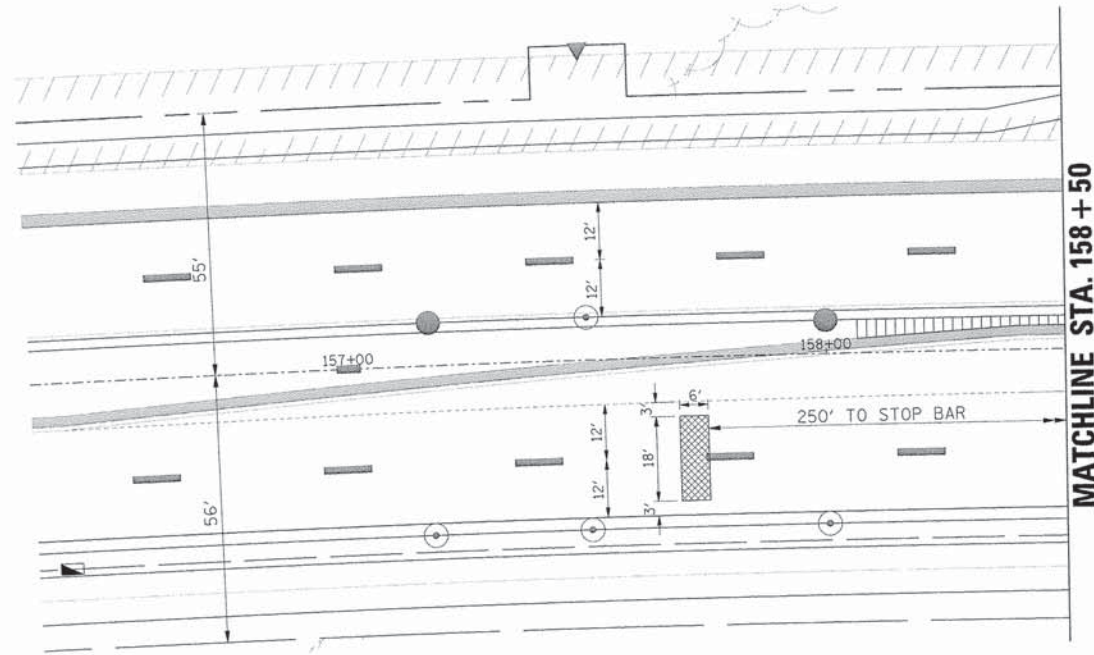
EAST NEW YORK STREET

COUNTY LINE ROAD

KAUTZ ROAD

36' COMBINATION MAST (MA-2)
ARM WITH 36" FOUNDATION
STA. 161+61.7, 59.0' RT

SEE INTERCONNECT PLAN



MATCHLINE STA. 158 + 50

* SEE INTERCONNECT PLAN

- NOTES:
1. MAST ARM FOUNDATIONS SHALL INCLUDE SEPARATE CONDUIT FOR LIGHTING AND TRAFFIC SIGNAL ELECTRIC CABLE.
 2. ALL PROPOSED TRAFFIC SIGNAL MAST ARMS AND POSTS SHALL BE PAINTED BLACK.
 3. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE MAST ARM FOUNDATION LOCATIONS AND THE REQUIRED MAST ARM LENGTHS PRIOR TO ORDERING THE MAST ARM EQUIPMENT.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS PROJECT SHALL BE OPTICOM AS REQUIRED BY THE CITY OF AURORA. LIGHT DETECTOR AMPLIFIERS SHALL BE OPTICOM MODEL 764 MULTIMODE PHASE SELECTORS.

LEGEND

	EXISTING RIGHT-OF-WAY
	EXISTING PERMANENT EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED TEMPORARY EASEMENT
	PROPOSED RIGHT-OF-WAY



USER NAME =	gehrrs	DESIGNED -	JRS	REVISED -	11/01/2011
FILE NAME =	604_s1g01b_kautz01.dgn	DRAWN -	BAH	REVISED -	
PLOT SCALE =		CHECKED -	APS	REVISED -	
PLOT DATE =	6/4/2013	DATE -	01/25/2013	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL INSTALLATION PLAN
KAUTZ / COUNTY LINE ROAD**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1522	07-00210-01-PV	DUPAGE/KANE	167	100
CONTRACT NO. 63838				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				