

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406 SCHALMUR, IL

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FOR INDEX OF SHEETS, SEE SHEET NO.
SEE SHEET 2

DESIGN DESIGNATION:

FUNCTIONAL CLASSIFICATION:

ORCHARD ROAD - FAP 336 - OTHER PRINCIPAL ARTERIAL (SRA)
AUCUTT ROAD - FAU 1550 - COLLECTOR
JERICHO ROAD - FAU 1542 - MINOR ARTERIAL
ROCHESTER - LOCAL

DESIGN TRAFFIC:

	ADT	DNV	% TRUCKS	
ORCHARD ROAD	33,000	2,855	7	SOUTH OF AUCUTT ROAD
	38,000	3,195	6.5	AUCUTT ROAD TO JERICHO ROAD
AUCUTT ROAD	9,000	955	6	(2020)
ROCHESTER DRIVE	2,100	260	25	(2030)

DESIGN SPEED:

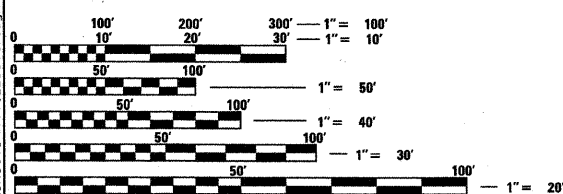
ORCHARD ROAD - 45 MPH
AUCUTT ROAD - 40 MPH
ROCHESTER DRIVE - 30 MPH

POSTED SPEED:

ORCHARD ROAD - 35-55 MPH
AUCUTT ROAD - 35 MPH
ROCHESTER DRIVE - 25 MPH

DESCRIPTION OF PROJECT:

THIS PROJECT CONSISTS OF THE REALIGNMENT, WIDENING AND RECONSTRUCTION OF THE EXISTING TWO-LANE ORCHARD ROAD. IMPROVEMENTS INCLUDE A NEW SIX-LANE PCC PAVEMENT CENTERED 15 FEET WEST OF THE EXISTING CENTERLINE, CURB AND GUTTER, BARRIER MEDIAN, AN ENCLOSED DRAINAGE SYSTEM, STORMWATER DETENTION, A 4-CELL CAST-IN-PLACE BOX CULVERT, TRAFFIC SIGNAL AND ROADWAY LIGHTING IMPROVEMENTS, EXTENSION OF THE SIGNAL INTERCONNECT ALONG ORCHARD ROAD, AND ALL INCIDENTAL AND COLLATERAL WORK NECESSARY TO COMPLETE THIS IMPROVEMENT AS SHOWN ON THE PLANS AND AS DESCRIBED HEREIN.



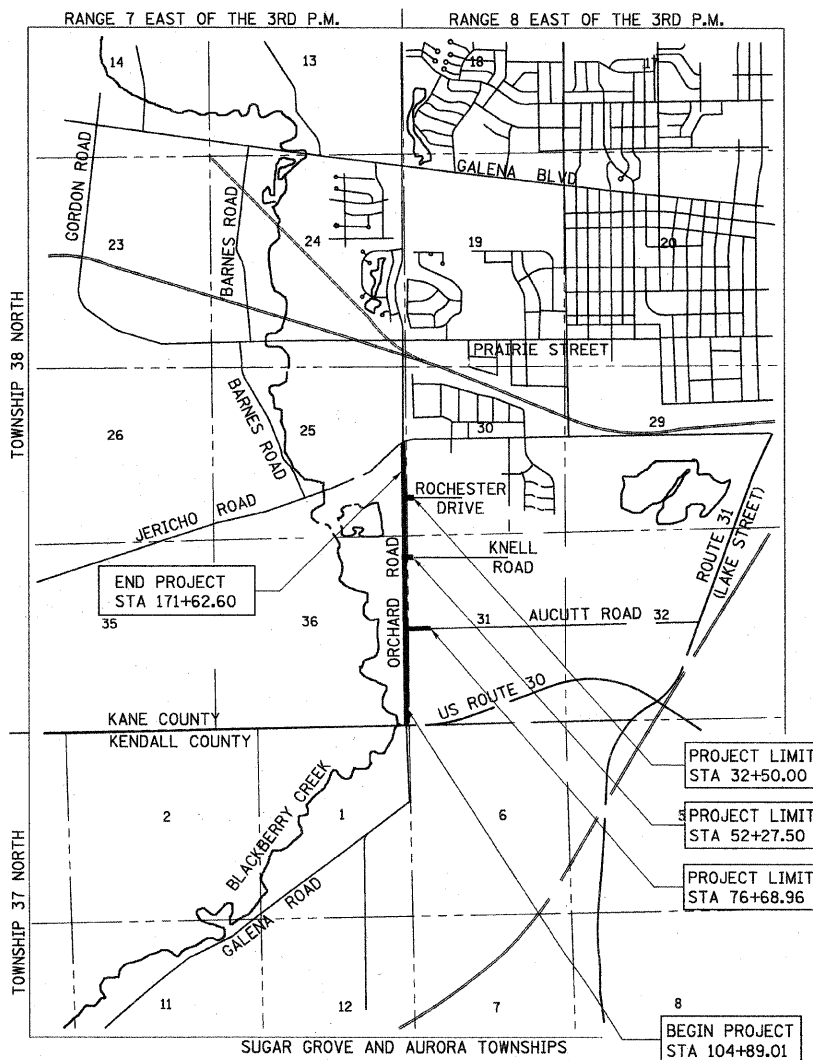
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 63541

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

FAP 336 (ORCHARD ROAD)
US ROUTE 30 TO JERICHO ROAD
ROADWAY RECONSTRUCTION
SECTION 99-00232-01-WR
PROJECT NO. M-TE-CMM-9003(772)
KANE COUNTY
JOB NO. C-91-362-11



LOCATION MAP

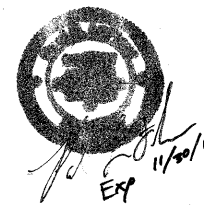
GROSS LENGTH = 9049 FT (1.71 MILES), NET LENGTH = 6,674 FT (1.26 MILES)
ORCHARD ROAD = 7902 FT (1.50 MILES)
ROCHESTER DRIVE = 250 FT (0.04 MILES)
KNELL ROAD = 228 FT (0.04 MILES)
AUCUTT ROAD = 669 FT (0.13 MILES)



SEE EXCEPTIONS BELOW

•SHEET NOS. 139-147 (STRUCTURES)
PREPARED BY RJN GROUP, INC.

•SHEET NOS. 60, 123, 198 & 199
PREPARED BY KANE COUNTY
DIVISION OF TRANSPORTATION



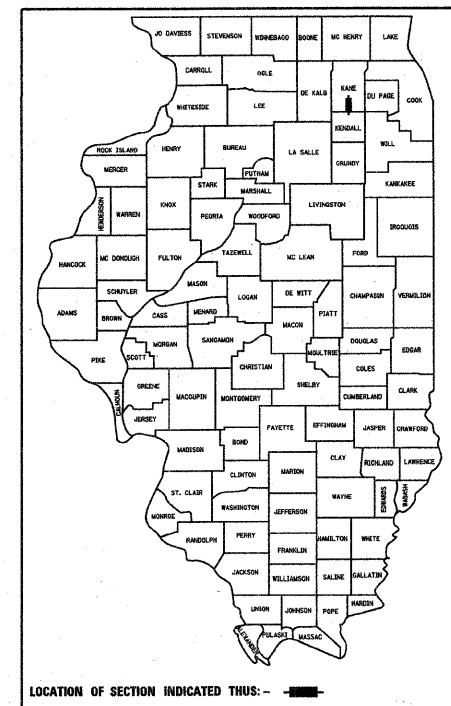
•SHEET NOS. 74-81 (PLAT OF HIGHWAY)
PREPARED BY WEBSTER, McGRATH &
AHLBERG, LTD.

•SHEET NOS. 128-138 (PROPOSED
LIGHTING PLAN) PREPARED BY
SUNJOY, INC.

•ENGINEER'S SEAL APPEAR ON
INITIAL SHEET NUMBERS.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	1

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
D-91-142-99



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OF THE STATE OF ILLINOIS**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

KANE COUNTY DIVISION OF TRANSPORTATION

APPROVED DECEMBER 20, 2010

KANE COUNTY DIVISION OF TRANSPORTATION, COUNTY ENGINEER

PASSED DECEMBER 28, 2010

District 1 Engineer of Local Roads & Streets

RELEASING FOR BID
BASED ON LIMITED REVIEW JANUARY 3, 2011
Debra M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

rjngroup

Excellence through Ownership

200 West Front Street
Wheaton, IL 60187

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000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEM
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-07	PAVEMENT JOINTS
420106-04	36' JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
424001-05	CURB RAMPS FOR SIDEWALKS
515001-03	NAME PLATES FOR BRIDGES
542116-02	REINFORCED CONCRETE END SECTIONS FOR MULTIPLE (2 & 3) PIPE CULVERTS 15" (375 mm) THRU 36" (900 mm) DIA. AT RIGHT ANGLES WITH ROADWAY
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN, TYPE C
602301-03	INLET - TYPE A
602401-03	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604091-02	FRAME AND GRATE - TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PCC MEDIANS
666001-01	RIGHT OF WAY MARKERS
701006-03	OFF ROAD OPERATIONS 2L, 2W 15' TO PAVEMENT EDGE FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-07	URBAN LANE CLOSURE, MULTI-LANE, 2W WITH MOUNTABLE MEDIAN
701701-07	URBAN LANE CLOSURE, MULTI-LANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	CONCRETE HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES (2 SHEETS)
862001-01	UNITERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-01	PEDESTRIAN PUSH BUTTON POST
877001-04	STEEL MAST ARM ASSEMBLY AND POLE, 16' THROUGH 55'
877011-04	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 16' THROUGH 55'
878001-08	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	2
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

SPECIFICATIONS, STANDARDS, AND SPECIAL PROVISIONS

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED JANUARY 1, 2007; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS," SIXTH EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS AND THE PLANS.
4. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT MIX ASPHALT LIFTS.
5. CONTRACTOR IS RESPONSIBLE FOR CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD) DISPOSAL REQUIREMENTS. SEE SPECIAL PROVISION.

UTILITIES

1. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY OWNERS IF ANY UTILITY IMPROVEMENTS ARE REQUIRED WITHIN THE DURATION OF THE CONTRACT.
2. 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 AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY. A LISTING OF UTILITY OWNERS IS PROVIDED IN THE SPECIAL PROVISIONS.
3. 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 INCLUDED IN THE COST OF MOBILIZATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH ARTICLES 105.07, 107.20 AND 107.31.

STAKING

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
2. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN AT POINTS OF CURVE, ETC., ARE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
3. STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE FOLLOWING POINTS: A) FOR STRUCTURES FALLING IN THE CURB LINE TO EDGE OF PAVEMENT; B) FOR ALL OTHER STRUCTURES TO THE CENTER OF THE STRUCTURE.
4. ALL ELEVATIONS ARE ON U.S.G.S DATUM.
5. ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE PROPOSED CENTERLINE AS SHOWN ON THE PLANS.

SEWERS AND WATER MAINS

1. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE 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 INCLUDED IN THE COST OF DRAINAGE STRUCTURES TO BE CLEANED.
2. 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 EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS STORM SEWER ITEMS.
3. THE COST OF INTERCONNECTIONS BETWEEN THE PROPOSED AND EXISTING SEWER SYSTEMS AND PROPOSED AND EXISTING WATER MAIN SYSTEMS SHALL BE INCLUDED IN THE VARIOUS UNIT PRICES OF THE PROPOSED SYSTEM.
4. ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY OF THE COUNTY OR STATE, AS APPLICABLE.

WATER SYSTEM - VILLAGE OF MONTGOMERY
DEPARTMENT OF PUBLIC WORKS
891 KNEEL ROAD
MONTGOMERY, IL. 60538
630-896-9241

SANITARY SEWER SYSTEM - FOX METRO WATER RECLAMATION DISTRICT
682 ROUTE 31
OSWEGO, IL. 60543
630-892-4378

ALL OTHER ITEMS - KANE COUNTY DIVISION OF TRANSPORTATION
41W011 BURLINGTON ROAD
ST. CHARLES, IL. 60175
630-584-1170

ANY ITEMS DAMAGED DURING REMOVAL SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES, LIDS, OR BOXES AND/OR STOCKPILING THEM ON THE JOB SITE FOR PICK-UP BY THE COUNTY OR STATE OR DELIVERY TO THE COUNTY OR STATE MAINTENANCE YARD SHALL BE CONSIDERED INCLUDED IN THE COST OF THE UNIT BID PRICES OF THE CONTRACT.

5. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: FOR STORM SEWER STRUCTURES-"STORM". FOR SANITARY SEWER STRUCTURES-"SANITARY". FOR WATER SYSTEM STRUCTURES-"WATER". ANY ADDITIONAL COST FOR THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE FRAME AND CLOSED LID PROVIDED.
6. 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.
7. ALL STORM SEWERS SHALL BE RCCP, CLASS IV, UNLESS NOTED OTHERWISE ON THE PLANS.
8. THE REMOVAL OF EXISTING ENTRANCE CULVERTS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

BACKFILL

1. STORM SEWER, WATER MAIN, AND SANITARY SEWER SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY, OR AS DIRECTED BY THE ENGINEER.
2. ALL TRENCH BACKFILL QUANTITIES FOR STORM AND SANITARY SEWER AND WATER MAIN HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE

MISCELLANEOUS

1. THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS, AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT.
3. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
4. 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.
5. ALL DISTURBED AREAS WITHIN THE PROJECT THAT ARE NOT OTHERWISE SURFACED SHALL BE SEEDED. SEED LIMITS SHOWN ON THE PLANS ARE THE MAXIMUM PAY WIDTHS FOR PAYMENT PURPOSES.
6. ALL TYPE I AND II BARRICADES SHALL BE WEIGHTED DOWN WITH TWO SANDBAGS EACH.
7. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.
8. THE CONTRACTOR SHALL PREPARE THE SUBGRADE IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS PRIOR TO THE REMOVAL OF ANY UNSUITABLE MATERIALS.
9. THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL EXISTING MAILBOXES WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND AFTER COMPLETION OF ROADWAY CONSTRUCTION, TO SET THEM IN THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE IN CONFORMANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS, AND THE COST WILL BE CONSIDERED INCLUDED IN THE COST OF THE UNIT BID PRICES OF THE CONTRACT.
10. EXISTING PAVEMENT MUST BE SAWCUT PRIOR TO REMOVAL. THIS WILL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL.
11. BIDDERS MAY CONTACT THE KANE COUNTY DIVISION OF TRANSPORTATION (630-584-1170; ATTN: PAUL HOLCOMB) TO EXAMINE THE ROADWAY SOILS INVESTIGATION, INCLUDING SOIL BORING LOGS, FOR THESE IMPROVEMENTS.
12. CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF STABILIZED EMBANKMENT IS NOT FEASIBLE OR PREFERRED ELEVATION DIFFERENCES REQUIRING TEMPORARY SOIL RETENTION SHALL BE PROVIDED BY CONTRACTORS DISCRETION AT NO ADDITIONAL COST TO THE PROJECT.

SIGNING AND PAVEMENT MARKING

1. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR, ENGINEER AND KANE CO. DOT MAINTENANCE PERSONNEL SHALL INVENTORY THE LOCATION, SIZE, TYPE AND CONDITION OF ALL EXISTING SIGNS. ANY SIGN DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
2. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
 - A) EXISTING SIGNS SHALL NOT BE REMOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - B) KDOT WILL REMOVE ALL EXISTING SIGNING AND INSTALL ALL NEW SIGNING. CONTACT RAY JOHNSON AT (630) 406-7356 A MINIMUM OF 72 HOURS IN ADVANCE OF ANY NECESSARY SIGN REMOVAL AND A MINIMUM OF 3 WEEKS IN ADVANCE OF THE INSTALLATION OF NEW SIGNING.
 - C) THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS WORK DURING CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
 - D) LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
3. THE CONTRACTOR SHALL FURNISH, MAINTAIN AND PROGRAM THREE (3) CHANGEABLE MESSAGE SIGNS FOR THE DURATION OF THIS CONTRACT. THE ENGINEER WILL DIRECT THE CONTRACTOR REGARDING THE LOCATION AND MESSAGES FOR THESE SIGNS.
4. ALL PERMANENT PAVEMENT MARKING MATERIAL TO BE URETHANE. SEE SPECIAL PROVISIONS.
5. FINAL SIGN MATERIAL, LOCATIONS AND INSTALLATION WILL BE COMPLETED BY KANE COUNTY PERSONAL

THE FOLLOWING VALUES HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

ITEM	VALUE	UNIT OF MEASURE
NITROGEN FERTILIZER NUTRIENTS (SODDED AREAS)	60 LB/ACRE	POUND
PHOSPHORUS FERTILIZER NUTRIENTS (SODDED AREAS)	60 LB/ACRE	POUND
POTASSIUM FERTILIZER NUTRIENTS (SODDED AREAS)	60 LB/ACRE	POUND
NITROGEN FERTILIZER NUTRIENTS (SEEDED AREAS)	90 LB/ACRE	POUND
PHOSPHORUS FERTILIZER NUTRIENTS (SEEDED AREAS)	90 LB/ACRE	POUND
POTASSIUM FERTILIZER NUTRIENTS (SEEDED AREAS)	90 LB/ACRE	POUND

SPECIALTY ITEM	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODES										NON-PARTICIPATING WORK
	ITEM #	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STP	STP	STP	STP	STP	CMAQ	STP	ITEP	TRAINEE		
					ROADWAY	HIGHWAY LIGHTING	ORCHARD RD. AUCUTT RD	ORCHARD RD. ROCHESTER DR	US ROUTE 30	SIGNAL SYSTEM	LANDSCAPING	BIKE PATH			
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,000	1,000										
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1,500	1,500										
	20100500	TREE REMOVAL, ACRES	ACRE	0.25	0.25										
	20101000	TEMPORARY FENCE	FOOT	2,708	2,708										
	20101700	SUPPLEMENTAL WATERING	UNIT	5,204							4,768	436			
	20200100	EARTH EXCAVATION	CU YD	74,008	66,206							7,802			
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	22,615	22,615										
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	420	420										
	20800150	TRENCH BACKFILL	CU YD	8,208	8,208										
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	8,932	8,932										
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	24,998							23,878	1,120			
	25000110	SEEDING, CLASS 1A	ACRE	0.75							0.75				
	25000200	SEEDING, CLASS 2	ACRE	1.50								1.50			
	25000210	SEEDING, CLASS 2A	ACRE	3.25							3.25				
	25000300	SEEDING, CLASS 3	ACRE	6.50							6.50				
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,619							1,484	135			
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,619							1,484	135			
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,619							1,484	135			
	25100125	MULCH, METHOD 3	ACRE	9.3							9.3				
	25100630	EROSION CONTROL BLANKET	SO YD	39,961	39,961										
	25200110	SODDING, SALT TOLERANT	SO YD	5,656							5,656				
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	7,500	7,500										
	28000305	TEMPORARY DITCH CHECKS	FOOT	136	136										
	28000400	PERIMETER EROSION BARRIER	FOOT	16,266	16,266										
	28000500	INLET AND PIPE PROTECTION	EACH	68	68										
	28100109	STONE RIPRAP, CLASS A5	SO YD	225	225										
	28200200	FILTER FABRIC	SO YD	132	132										
	31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SO YD	14,186	1,764							12,422			
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	806								806			
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	155	155										
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	146	146										
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	742	742										
	35600708	HOT-MIX ASPHALT BASE COURSE WIDENING, 8"	SO YD	510	510										
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	17	13							4			
	40600300	AGGREGATE (PRIME COAT)	TON	77	62							15			
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	121	121										
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	44	44										
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	34	34										
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	64	64										
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,126	116							1,010			
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	349	349										
	40701956	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"	SO YD	4,434	4,434										
	42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	53,616	53,616										

SPECIALTY ITEM	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODES										NON-PARTICIPATING WORK
	ITEM #	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STP	STP	STP	STP	STP	CMAQ	STP	ITEP	TRAINING		
					ROADWAY	HIGHWAY LIGHTING	ORCHARD RD. @ AUCUTT RD	ORCHARD RD. @ ROCHESTER DR	US ROUTE 30	SIGNAL SYSTEM	LANDSCAPING	BIKE PATH			
				0003	0021	0021	0021	0021	0021	0031	0028	0042			
42001300	PROTECTIVE COAT	SQ YD	54,018	54,018											
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	200	200											
42400800	DETECTABLE WARNINGS	SQ FT	48	48											
44000100	PAVEMENT REMOVAL	SQ YD	29,033	29,033											
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	2,550	2550											
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,918	1,918											
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,526	1,526											
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	152	152											
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	1,800	1800											
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	1,100	1100											
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	1,100	1100											
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	954	954											
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	798	798											
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1,295	1,295											
50105220	PIPE CULVERT REMOVAL	FOOT	236	236											
50200100	STRUCTURE EXCAVATION	CU YD	2,105	2105											
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	1,506	1506											
50300225	CONCRETE STRUCTURES	CU YD	1	1											
50800105	REINFORCEMENT BARS	POUND	374,110	374,110											
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	320	320											
50800515	BAR SPLICERS	EACH	240	240											
51500100	NAME PLATES	EACH	1	1											
54003000	CONCRETE BOX CULVERTS	CU YD	1,145.7	1,145.7											
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1											
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	3	1								2			
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1											
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	2	2											
54247090	GRATING FOR CONCRETE FLARED END SECTION 12"	EACH	1	1											
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	1	1											
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1	1											
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	2	2											
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	40									40			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	519	519											
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	342	342											
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	158	158											
550A0130	STORM SEWERS, CLASS A, TYPE 1 27"	FOOT	882	882											
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	204	204											
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,733	1733											
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	605	605											
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	878	878											
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	175	175											
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,469	1469											
550A0420	STORM SEWERS, CLASS A, TYPE 2 27"	FOOT	319	319											
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	246	246											

SPECIALTY ITEM	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODES										NON-PARTICIPATING WORK	
	ITEM #	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STP ROADWAY 0003	STP HIGHWAY LIGHTING 0021	STP ORCHARD RD. @AUCUTT RD 0021	STP ORCHARD RD. @ ROCHESTER DR 0021	STP US ROUTE 30 0021	CMAQ SIGNAL SYSTEM 0021	STP LANDSCAPING 0031	ITEP BIKE PATH 0028	TRAINEEES 0042			
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	699	699											
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	435	435											
	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	217	217											
	550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	30	30											
	550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	32	32											
	550A2550	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 21"	FOOT	101	101											
	550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	120	120											
	550A2570	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 27"	FOOT	13	13											
*	56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	11												11
	60109510	PIPE UNDERDRAINS, 4"	FOOT	1,832	1,832											
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	21	21											
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	35	35											
	60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2											
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11											
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	19	19											
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	25	25											
	60255500	MANHOLES TO BE ADJUSTED	EACH	20	20											
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	8												8
	60600095	CLASS SI CONCRETE (OUTLET)	CU YD	18.4	18.4											
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	698	698											
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	20,830	20,830											
	60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	122	122											
	60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	8,812	8,812											
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15											
	67100100	MOBILIZATION	L SUM	1	1											
	70106800	CHANGEABLE MESSAGE SIGNS	CAL MO	36	36											
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,350	1,350											
	70300210	TEMPORARY PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	73	73											
	70300220	TEMPORARY PAVEMENT MARKING LINE 4"	FOOT	23,148	23,148											
	70300240	TEMPORARY PAVEMENT MARKING LINE 6"	FOOT	418	418											
	70300260	TEMPORARY PAVEMENT MARKING LINE 12"	FOOT	379	379											
	70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	400	400											
	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	58,971	58,971											
	70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	2,887	2,887											
	70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	497	497											
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	14,171	14,171											
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,475	1,475											
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,475	1,475											
*	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	271	271											
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1												1
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1												1
*	81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	7,951				791	551	6,609						
*	81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	377				200	56	109						12
*	81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	80				38	42							

SPECIALTY ITEM	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODES									NON-PARTICIPATING WORK
	ITEM #	ITEM DESCRIPTION	FOOT UNIT	TOTAL QUANTITY	STP ROADWAY 0003	STP HIGHWAY LIGHTING 0021	STP ORCHARD RD. @AUCUTT RD 0021	STP ORCHARD RD. @ ROCHESTER DR 0021	STP US ROUTE 30 0021	CMAQ SIGNAL SYSTEM 0021	STP LANDSCAPING 0031	ITEP BIKE PATH 0028	TRAINEEES 0042	
*	81000900	CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	18			18							
*	81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	217			168	43				6		
*	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	272			103	118		51				
*	81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	824		194	409	221						
*	81400100	HANDHOLE	EACH	20			5	3		11		1		
*	81400200	HEAVY-DUTY HANDHOLE	EACH	4			2	2						
*	81400300	DOUBLE HANDHOLE	EACH	2			1	1						
*	81603030	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA., 1/64" POLYETHYLENE	FOOT	4,450		4,450								
*	81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	1,350		220	480	650						
*	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	8,702		190	1,110	793		6,609				
*	82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	28		28								
*	83008400	LIGHT POLE, ALUMINUM, 40 FT. M.H., 10 FT. MAST ARM	EACH	24		24								
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	220		220								
*	8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	20		20								
*	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	24		24								
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4			1	1	1	1				
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	3			1	1		1				
*	86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	2			1	1						
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	841								841		
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,126			811	466				849		
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,004			1,250	3,754						
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,758			2,488	270						
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8,588			2,940	3,504	2,144					
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	195			195							
*	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1								1		
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	5			2	3						
*	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1				1						
*	87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1				1						
*	87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1			1							
*	87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1				1						
*	87703070	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 66 FT.	EACH	1			1							
*	87703080	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 68 FT.	EACH	1				1						
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	24			8	12				4		
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8			4	4						
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	39				39						
*	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	93			68	25						
*	87900200	DRILL EXISTING HANDHOLE	EACH	1						1				
*	87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	8						8				
*	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9			3	6						
*	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	17			7	10						
*	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3			2	1						
*	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	3			2	1						
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4								4		
*	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	32			14	18						

SPECIALTY ITEM	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODES										NON-PARTICIPATING WORK
	ITEM #	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STP	STP	STP	STP	STP	CMAQ	STP	ITEP	TRAINEEES		
					ROADWAY 0003	HIGHWAY LIGHTING 0021	ORCHARD RD. @AUCUTT RD 0021	ORCHARD RD. @ ROCHESTER DR 0021	US ROUTE 30 0021	SIGNAL SYSTEM 0021	LANDSCAPING 0031	BIKE PATH 0028			
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	18				8	8		2				
*	88700200	LIGHT DETECTOR	EACH	6									6		
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	6									6		
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	4								4			
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1							
*	89502200	MODIFY EXISTING CONTROLLER	EACH	1								1			
*	89502205	MODIFY EXISTING CONTROLLER (SPECIAL)	EACH	1						1					
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2				1	1						
*	2003056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	4						4					
	X0712600	TEMPORARY PAVEMENT RAMP	TON	50	50										
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	2,000	2000										
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1										
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	8	8										
	X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	6	6										
	X4402805	ISLAND REMOVAL	SQ FT	345	345										
	60224459	MANHOLES, TYPE A, 8"-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1										
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1										
*	X7800605	URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	983	983										
*	X7800610	URETHANE PAVEMENT MARKING - LINE 4"	FOOT	37,508	37508										
*	X7800630	URETHANE PAVEMENT MARKING - LINE 6"	FOOT	5,833	5833										
*	X7800650	URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,654	1654										
*	X7800680	URETHANE PAVEMENT MARKING - LINE 24"	FOOT	215	215										
*	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1				1							
*	X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1				1							
*	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	8,863						8,863					
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 1C	FOOT	1,609				1,029	573		7				
*	X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1,276									1,276		
*	X8900040	MODIFY TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1						1					
*	X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1							1				
	XX006702	SEEDING, CLASS 4 (MODIFIED) WET TO MESIC PRAIRIE	ACRE	5.50								5.50			
	XX006710	SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE	ACRE	5.50								5.50			
*	XX007251	INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	3				1	1	1					
*	XX008453	ETHERNET SWITCH, TYPE 1	EACH	1							1				
*	XX008452	MALFUNCTION MANAGEMENT UNIT	EACH	1							1				
	2006852	SLOTTED DRAIN, 12" WITH 6" SLOT	FOOT	16									16		
	Z0001050	AGGREGATE SUBGRADE, 12"	SQ YD	66,804	66,804										
*	Z0007124	STEEL RAILING (SPECIAL)	FOOT	66	66										
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1										
	Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2										
	Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2										
	Z0030390	IMPACT ATTENUATORS, REPLACEMENT (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2										
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	154	154										
*	Z0033050	COAXIAL CABLE IN CONDUIT	FOOT	796				386	218		192				
*	88600700	PREFORMED DETECTOR LOOP	FOOT	1,888				676	752		460				

SPECIALTY ITEM	ITEM #	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES										NON-PARTICIPATING WORK
					STP ROADWAY	STP HIGHWAY LIGHTING	STP ORCHARD RD. @AUCUTT RD	STP ORCHARD RD. @ ROCHESTER DR	STP US ROUTE 30	CMAQ SIGNAL SYSTEM	STP LANDSCAPING	ITEP BIKE PATH	TRAINEEES		
					0003	0021	0021	0021	0021	0021	0031	0028	0042		
*	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	8,863							8,863				
	Z0054517	ROCK FILL - FOUNDATION	TON	2,240	2240										
	Z0062456	TEMPORARY PAVEMENT	SO YD	5,500	5,500										
	X0327241	STEEL CASING PIPE IN TRENCH, 24"	FOOT	40	40										
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4							4				
	Z0076600	TRAINEEES	HOUR	1,500											1500

DESIGNED	MK	REVISED	-
DRAWN	DW	REVISED	-
CHECKED	MH	REVISED	-
DATE	12/20/2010	REVISED	-

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	9
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

HOT-MIX ASPHALT MIXTURE

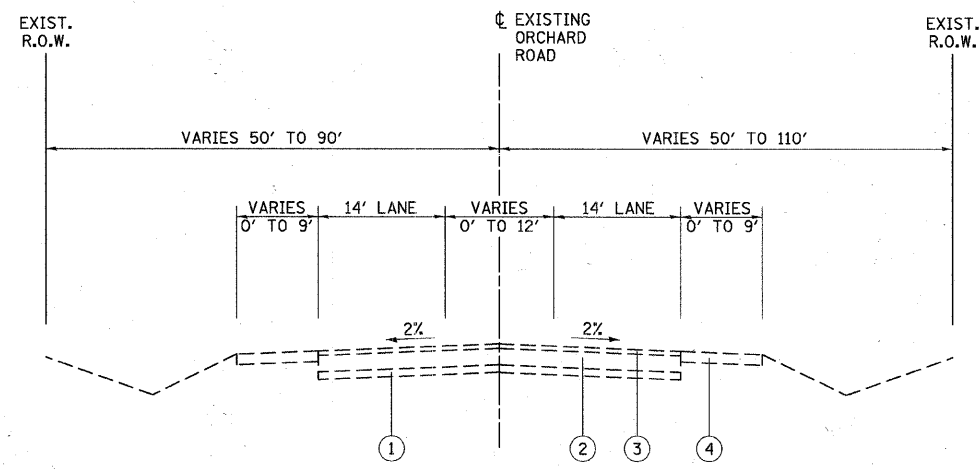
MIXTURE	AIR VOIDS (%)	THICKNESS	STREET
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	4% @ 90 GYR.	2" (3 LIFTS)	ORCHARD ROAD
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	4% @ 90 GYR.	2 1/4"	ORCHARD ROAD
HOT-MIX ASPHALT BASE COURSE (HMA BINDER, IL-19mm)	4% @ 90 GYR.	9 1/2" (4 LIFTS)	ORCHARD ROAD
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70	4% @ 70 GYR.	2 1/4"	AUCUTT ROAD & KNELL ROAD
HOT-MIX ASPHALT SHOULDERS (HMA BINDER, IL-19mm)	2% @ 30 GYR.	6" (3 LIFTS)	ORCHARD ROAD
HOT-MIX ASPHALT SHOULDERS (HMA BINDER, IL-19mm)	2% @ 30 GYR.	8" (3 LIFTS)	AUCUTT RD. & ROCHESTER DR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	4% @ 50 GYR.	2"	MULTI-USE PATH
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% @ 70 GYR.	1 1/2"	AUCUTT, KNELL & ROCHESTER
HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER, IL-19mm)	4% @ 70 GYR.	8" (3 LIFTS)	AUCUTT ROAD & KNELL ROAD
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 mm)	4% @ 70 GYR.	3/4"	AUCUTT, KNELL & ROCHESTER
CLASS D PATCHES (HMA BINDER, IL-19 mm)	4% @ 70 GYR.	10" (4 LIFTS)	ORCHARD ROAD
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER, IL-19 mm)	4% @ 70 GYR.	4" (2 LIFTS)	ORCHARD ROAD
HOT-MIX ASPHALT DRIVEWAY PAVEMENT (HMA BINDER, IL-19 mm)	4% @ 50 GYR.	6" (3 LIFTS)	DRIVEWAYS
TEMPORARY PAVEMENT (HMA BINDER, IL-19 mm)	4% @ 50 GYR.	10" (4 LIFTS)	ALL ROADS

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

LEGEND

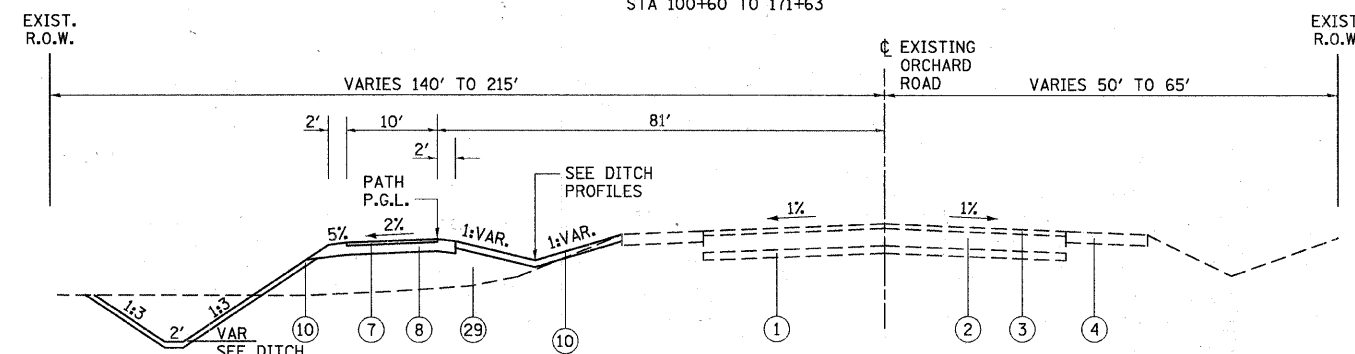
- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING POZZOLANIC BASE, 8 1/2"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY, DEPTH VARIES 5" TO 7"
- ④ EXISTING AGGREGATE SHOULDER, 6"
- ⑤ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)-(STD 420106)
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE B, 8"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑩ FURNISHING & PLACING TOPSOIL, 6"
- ⑪ HOT-MIX ASPHALT SHOULDER, 6" (IN 3 LIFTS)
- ⑫ POLYMERIZED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "F", N90, 2"
- ⑬ LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ⑭ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 2 1/4"
- ⑮ HOT-MIX ASPHALT BASE COURSE, 9 1/2" (IN 4 LIFTS)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- ⑰ HOT-MIX ASPHALT, IL-19, N70, 2 1/4"
- ⑱ HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (IN 3 LIFTS)
- ⑲ EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS AS NOTED
- ⑳ HOT-MIX ASPHALT SHOULDER, 8" (IN 3 LIFTS)
- ㉑ STRIP REFLECTIVE CRACK CONTROL
- ㉒ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉓ SAWED LONGITUDINAL JOINT WITH EPOXY COATED #6x30" TIE BARS @ 30" CTS. (COST OF SAW CUT AND TIE BAR INCLUDED WITH PCC PAVEMENT)
- ㉔ LONGITUDINAL CONSTRUCTION JOINT WITH DRILL AND GROUT EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
- ㉕ EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
- ㉖ EXISTING PCC PAVEMENT
- ㉗ EXISTING PCC COMBINATION CURB & GUTTER
- ㉘ EXISTING HOT-MIX ASPHALT MULTI-USE PATH
- ㉙ SUITABLE EXCAVATED FILL MATERIAL
- ㉚ AGGREGATE SUBGRADE, 4" (INCLUDED IN COST OF HMA SHOULDERS)



STRUCTURAL DESIGN TRAFFIC: Year 2020
 PV = 30,723 SU = 1,122 MU = 1,155
 ROAD/STREET CLASSIFICATION: Class I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 32 % S = 45 % M = 45 %
 TRAFFIC FACTOR: Actual TF = 6.38 AC Type = PG 70-22 (AC-20)
 Minimum TF = 3.83
 PG GRADE: Binder = SBS/SBR PG70-22 Surface = SBS/SBR PG70-22
 SUBGRADE SUPPORT RATING:
 SSR = Poor (Sta. 104+89.01 to 111+22.39)

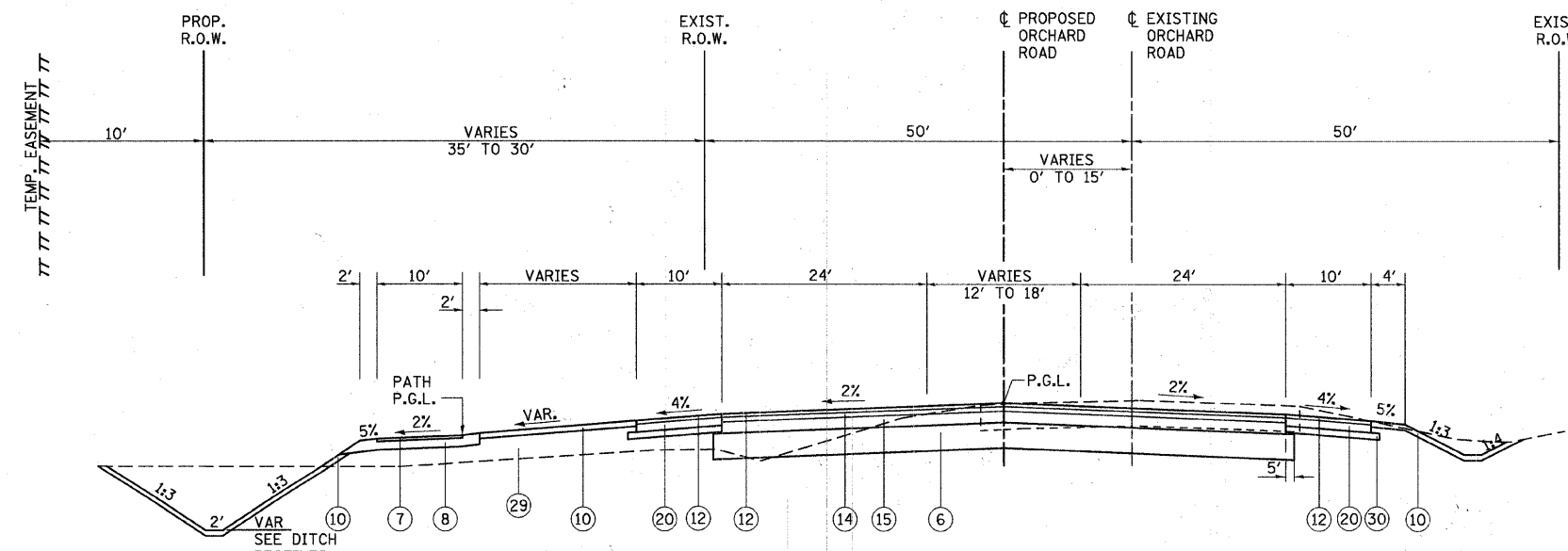
EXISTING ORCHARD ROAD

STA 100+60 TO 171+63



PROPOSED ORCHARD ROAD

STA 100+60 TO 104+89.01



PROPOSED ORCHARD ROAD

STA. 104+89.01 TO 111+22.39
 CORRUGATED MEDIAN
 (STA 110+23.35 TO 111+22.39)

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200 West Front Street
 Wheaton, IL 60187

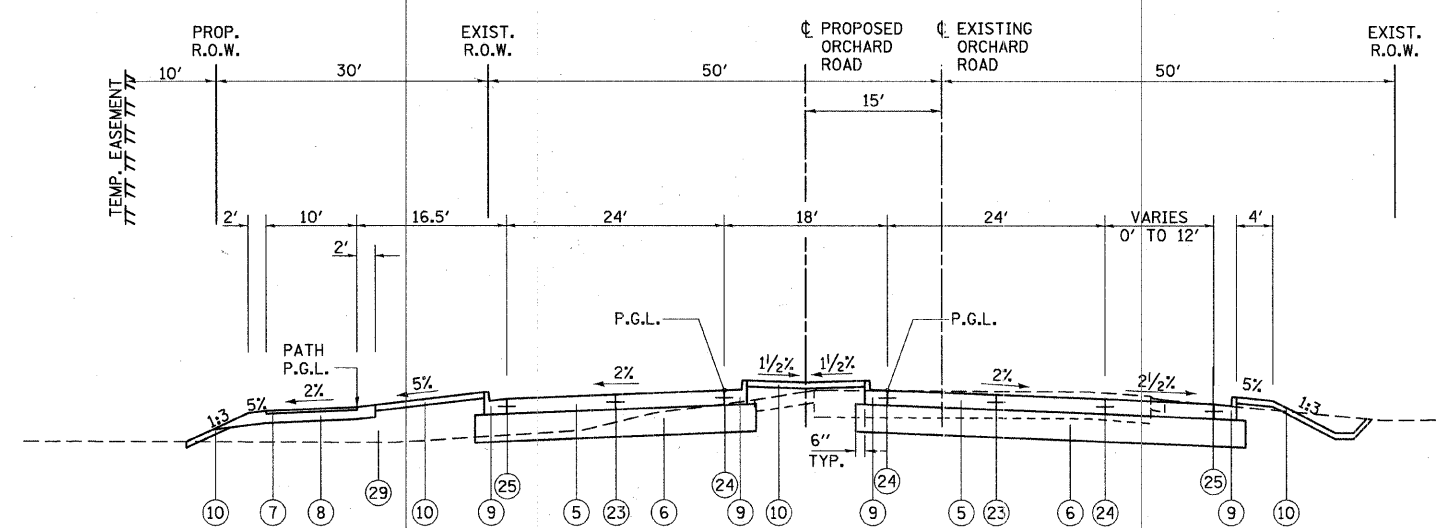
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

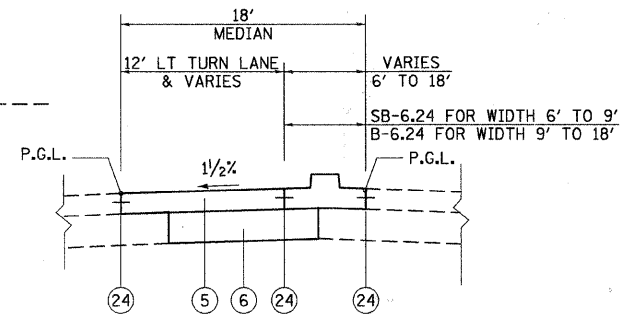
ORCHARD ROAD
TYPICAL SECTIONS
 SCALE: N/A SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 10
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				

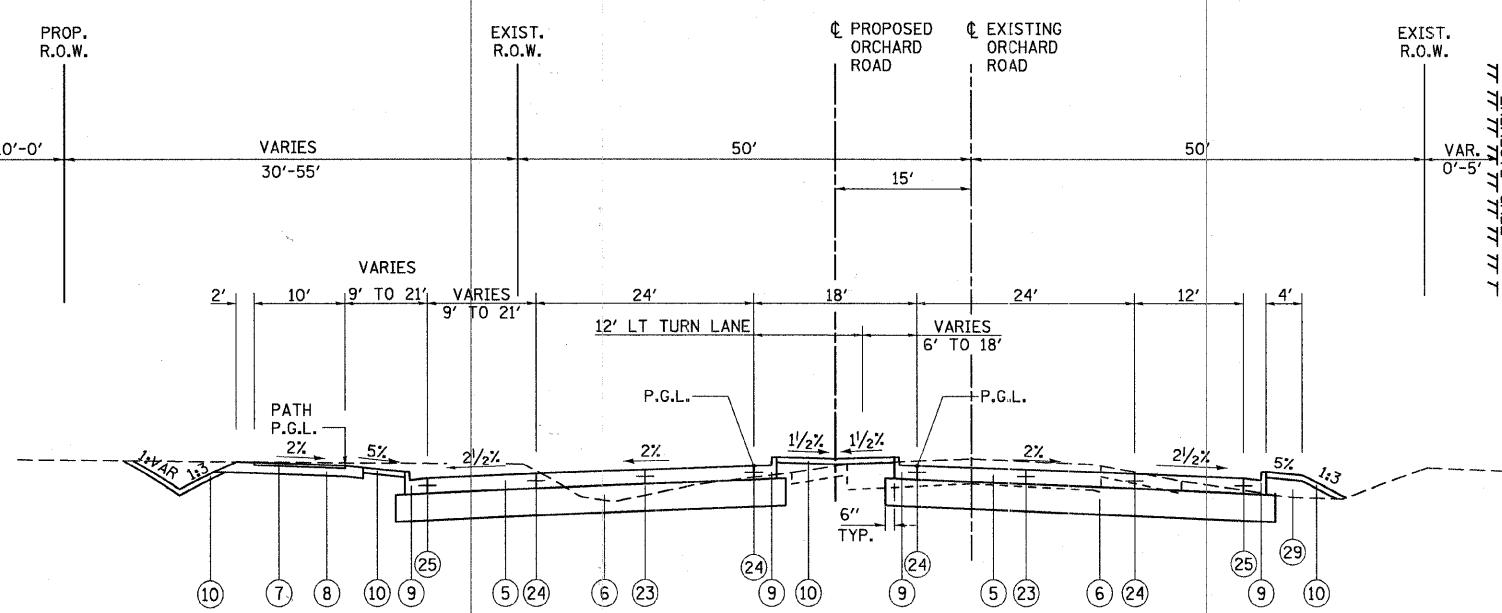
STRUCTURAL DESIGN TRAFFIC:	Year <u>2020</u>		
	PV = <u>35,530</u>	SU = <u>1,140</u>	MU = <u>1,330</u>
ROAD/STREET CLASSIFICATION:	Class <u>I</u>		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
	P = <u>32 %</u>	S = <u>45 %</u>	M = <u>45 %</u>
TRAFFIC FACTOR:	Actual TF = <u>9.85</u>		
	Minimum TF = <u>6.03</u>		
12' LANE TIED SHOULDER OR CURB & GUTTER			
SUBGRADE SUPPORT RATING:	SSR = <u>Poor</u> (Sta. <u>111+22.39</u> to <u>190+47.48</u>)		



PROPOSED ORCHARD ROAD
STA. 111+22.39 TO 116+14.41



LEFT TURN LANE DETAIL
STA. 116+11.11 TO 120+09.41
STA. 127+67.00 TO 132+43.99
STA. 147+57.31 TO 151+59.87
STA. 155+46.73 TO 159+88.25
STA. 164+49.55 TO 168+24.12
STA. 172+86.24 TO 175+71.51
STA. 179+59.53 TO 184+26.38



PROPOSED ORCHARD ROAD
STA. 116+14.41 TO 121+54.41

- LEGEND**
- ① EXISTING SUB-BASE GRANULAR MATERIAL
 - ② EXISTING POZZOLANIC BASE, 8 1/2"
 - ③ EXISTING HOT-MIX ASPHALT OVERLAY, DEPTH VARIES 5" TO 7"
 - ④ EXISTING AGGREGATE SHOULDER, 6"
 - ⑤ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)-(STD 420106)
 - ⑥ AGGREGATE SUBGRADE, 12"
 - ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
 - ⑧ SUB-BASE GRANULAR MATERIAL, TYPE B, 8"
 - ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑩ FURNISHING & PLACING TOPSOIL, 6"
 - ⑪ HOT-MIX ASPHALT SHOULDER, 6" (IN 3 LIFTS)
 - ⑫ POLYMERIZED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "F", N90, 2"
 - ⑬ LEVELING BINDER (MACHINE METHOD), N70, 3/4"
 - ⑭ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 2 1/4"
 - ⑮ HOT-MIX ASPHALT BASE COURSE, 9 1/2" (IN 4 LIFTS)
 - ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
 - ⑰ HOT-MIX ASPHALT, IL-19, N70, 2 1/4"
 - ⑱ HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (IN 3 LIFTS)
 - ⑲ EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS AS NOTED
 - ⑳ HOT-MIX ASPHALT SHOULDER, 8" (IN 3 LIFTS)
 - ㉑ STRIP REFLECTIVE CRACK CONTROL
 - ㉒ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - ㉓ SAWED LONGITUDINAL JOINT WITH EPOXY COATED #6x30" TIE BARS @ 30" CTS. (COST OF SAW CUT AND TIE BAR INCLUDED WITH PCC PAVEMENT)
 - ㉔ LONGITUDINAL CONSTRUCTION JOINT WITH DRILL AND GROUT EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
 - ㉕ EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
 - ㉖ EXISTING PCC PAVEMENT
 - ㉗ EXISTING PCC COMBINATION CURB & GUTTER
 - ㉘ EXISTING HOT-MIX ASPHALT MULTI-USE PATH
 - ㉙ SUITABLE EXCAVATED FILL MATERIAL
 - ㉚ AGGREGATE SUBGRADE, 4" (INCLUDED IN COST OF HMA SHOULDERS)

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200 West Front Street
Wheaton, IL 60187

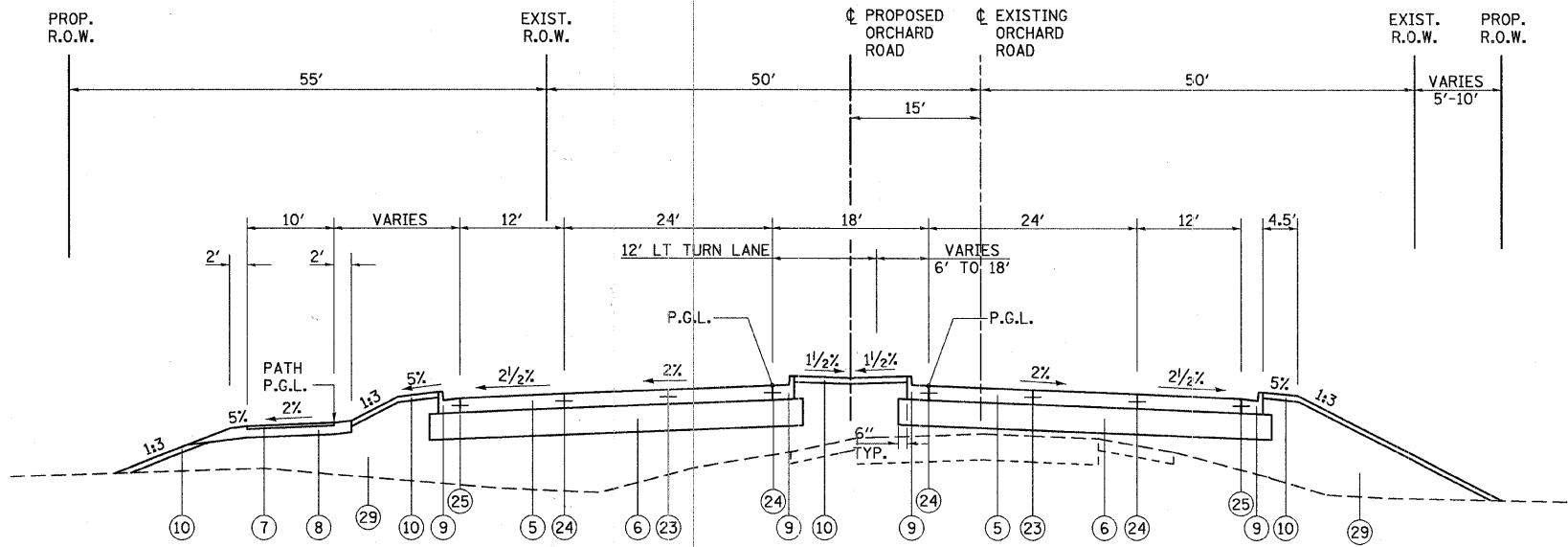
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

SCALE: N/A	SHEET NO. 2 OF 5 SHEETS	STA. _____	TO STA. _____
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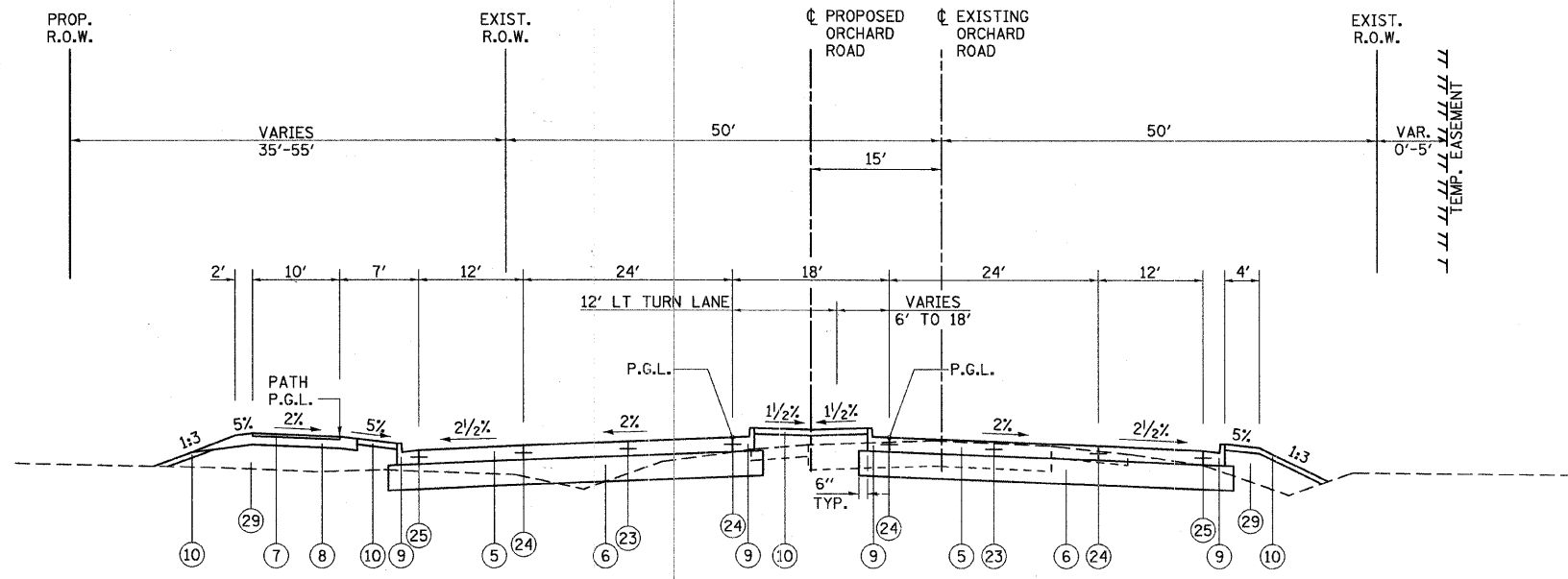
F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 11
CONTRACT NO. 63541				ILLINOIS FED. AID PROJECT

STRUCTURAL DESIGN TRAFFIC:	Year <u>2020</u>		
	PV = <u>35,530</u>	SU = <u>1,140</u>	MU = <u>1,330</u>
ROAD/STREET CLASSIFICATION:	Class <u>I</u>		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
	P = <u>32 %</u>	S = <u>45 %</u>	M = <u>45 %</u>
TRAFFIC FACTOR:	Actual TF = <u>9.85</u>		
	Minimum TF = <u>6.03</u>		
12' LANE TIED SHOULDER OR CURB & GUTTER			
SUBGRADE SUPPORT RATING:	SSR = <u>Poor</u> (Sta. <u>111+22.39</u> to <u>190+47.48</u>)		



PROPOSED ORCHARD ROAD

STA. 121+54.41 TO 149+50.00



PROPOSED ORCHARD ROAD

STA. 149+50.00 TO 171+63.00

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING POZZOLANIC BASE, 8 1/2"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY, DEPTH VARIES 5" TO 11"
- ④ EXISTING AGGREGATE SHOULDER, 6"
- ⑤ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)-(STD 420106)
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE B, 8"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑩ FURNISHING & PLACING TOPSOIL, 6"
- ⑪ HOT-MIX ASPHALT SHOULDER, 6" (IN 3 LIFTS)
- ⑫ POLYMERIZED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "F", N90, 2"
- ⑬ LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ⑭ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 2 1/4"
- ⑮ HOT-MIX ASPHALT BASE COURSE, 9 1/2" (IN 4 LIFTS)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- ⑰ HOT-MIX ASPHALT, IL-19, N70, 2 1/4"
- ⑱ HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (IN 3 LIFTS)
- ⑲ EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS AS NOTED
- ⑳ HOT-MIX ASPHALT SHOULDER, 8" (IN 3 LIFTS)
- ㉑ STRIP REFLECTIVE CRACK CONTROL
- ㉒ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉓ SAWED LONGITUDINAL JOINT WITH EPOXY COATED #6x30" TIE BARS @ 30" CTS. (COST OF SAW CUT AND TIE BAR INCLUDED WITH PCC PAVEMENT)
- ㉔ LONGITUDINAL CONSTRUCTION JOINT WITH DRILL AND GROUT EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
- ㉕ EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
- ㉖ EXISTING PCC PAVEMENT
- ㉗ EXISTING PCC COMBINATION CURB & GUTTER
- ㉘ EXISTING HOT-MIX ASPHALT MULTI-USE PATH
- ㉙ SUITABLE EXCAVATED FILL MATERIAL
- ㉚ AGGREGATE SUBGRADE, 4" (INCLUDED IN COST OF HMA SHOULDERS)

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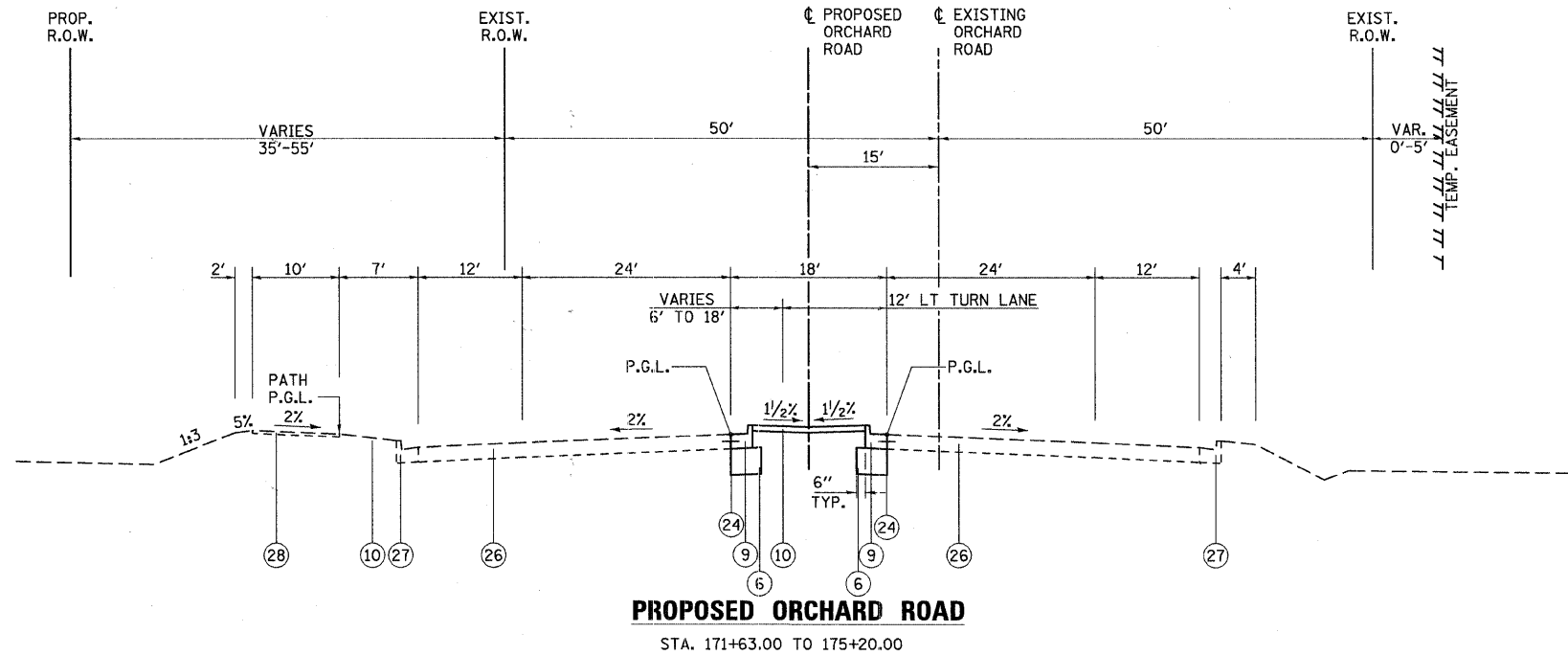
200 West Front Street
Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

SCALE: N/A	SHEET NO. 3 OF 5 SHEETS	STA. TO STA.
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F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 12
CONTRACT NO. 63541				ILLINOIS FED. AID PROJECT



STRUCTURAL DESIGN TRAFFIC:	Year <u>2020</u>		
PV = <u>35,530</u>	SU = <u>1,140</u>	MU = <u>1,330</u>	
ROAD/STREET CLASSIFICATION:	Class <u>I</u>		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = <u>32 %</u>	S = <u>45 %</u>	M = <u>45 %</u>	
TRAFFIC FACTOR:	Actual TF = <u>9.85</u>		
	Minimum TF = <u>6.03</u>		
12' LANE TIED SHOULDER OR CURB & GUTTER			
SUBGRADE SUPPORT RATING:	SSR = <u>Poor</u> (Sta. <u>111+22.39</u> to <u>190+47.48</u>)		

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING POZZOLANIC BASE, 8 1/2"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY, DEPTH VARIES 5" TO 7"
- ④ EXISTING AGGREGATE SHOULDER, 6"
- ⑤ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)-(STD 420106)
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE B, 8"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑩ FURNISHING & PLACING TOPSOIL, 6"
- ⑪ HOT-MIX ASPHALT SHOULDER, 6" (IN 3 LIFTS)
- ⑫ POLYMERIZED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "F", N90, 2"
- ⑬ LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ⑭ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 2 1/4"
- ⑮ HOT-MIX ASPHALT BASE COURSE, 9 1/2" (IN 4 LIFTS)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- ⑰ HOT-MIX ASPHALT, IL-19, N70, 2 1/4"
- ⑱ HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (IN 3 LIFTS)
- ⑲ EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS AS NOTED
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- ㉑ STRIP REFLECTIVE CRACK CONTROL
- ㉒ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉓ SAWED LONGITUDINAL JOINT WITH EPOXY COATED #6x30" TIE BARS @ 30" CTS. (COST OF SAW CUT AND TIE BAR INCLUDED WITH PCC PAVEMENT)
- ㉔ LONGITUDINAL CONSTRUCTION JOINT WITH DRILL AND GROUT EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
- ㉕ EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
- ㉖ EXISTING PCC PAVEMENT
- ㉗ EXISTING PCC COMBINATION CURB & GUTTER
- ㉘ EXISTING HOT-MIX ASPHALT MULTI-USE PATH
- ㉙ SUITABLE EXCAVATED FILL MATERIAL
- ㉚ AGGREGATE SUBGRADE, 4" (INCLUDED IN COST OF HMA SHOULDERS)

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200 West Front Street
Wheaton, IL 60187

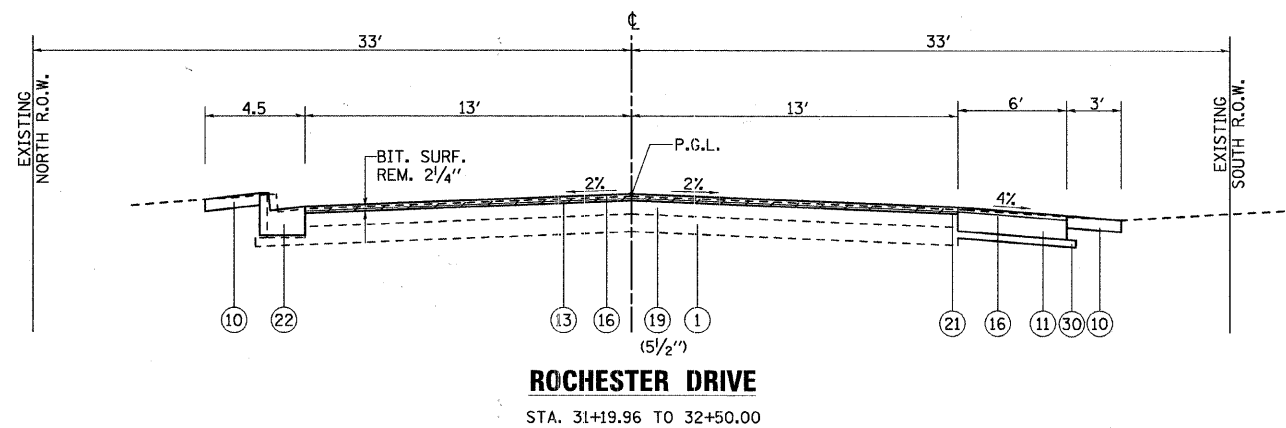
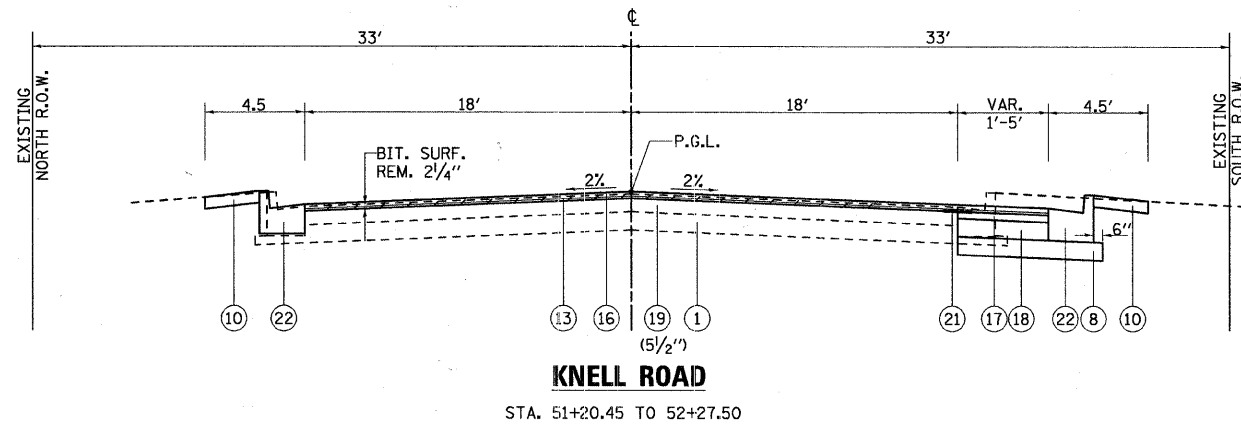
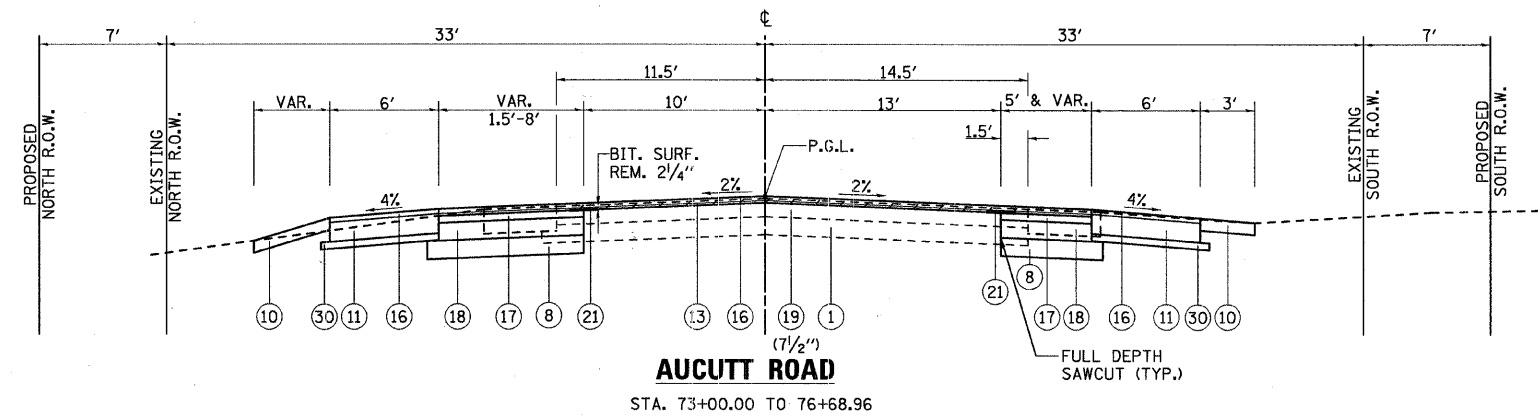
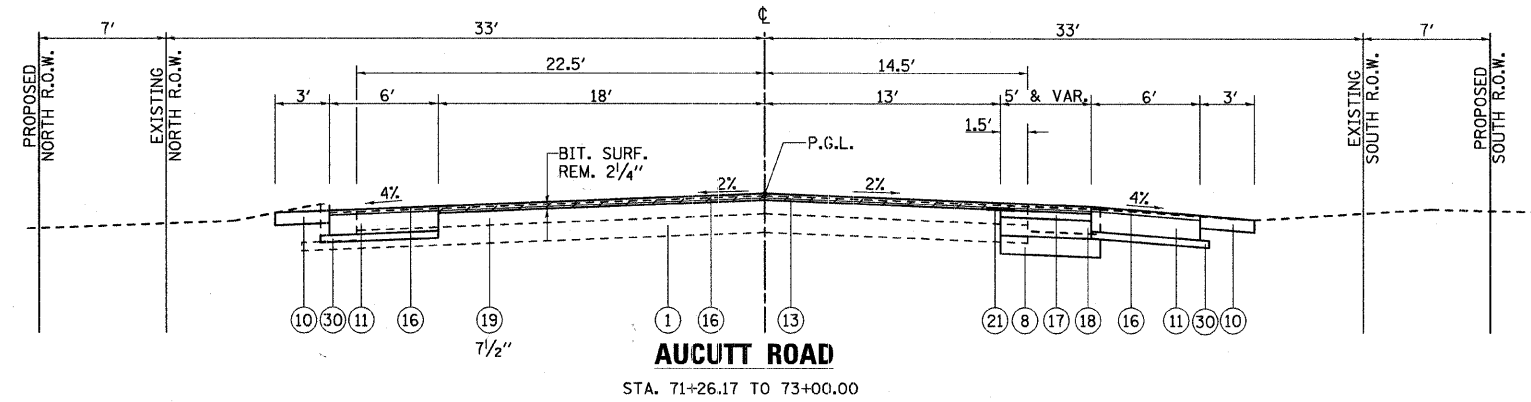
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

SCALE: N/A SHEET NO. 4 OF 5 SHEETS STA. TO STA.

ORCHARD ROAD
TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	13
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



STRUCTURAL DESIGN TRAFFIC:	Year <u>2025</u>		
	PV = <u>8460</u>	SU = <u>225</u>	MU = <u>315</u>
ROAD/STREET CLASSIFICATION:	Class <u>II</u>		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
	P = <u>50 %</u>	S = <u>50 %</u>	M = <u>50 %</u>
TRAFFIC FACTOR:	Actual TF = <u>1.48</u>	AC Type = <u>PG 64-22 (AC-20)</u>	
	Minimum TF = <u>0.5</u>		
PG GRADE:	Binder = <u>PG64-22</u>	Surface = <u>PG64-22</u>	
SUBGRADE SUPPORT RATING:	SSR = <u>Poor</u> (Sta. <u>71+26.12</u> to <u>76+68.96</u>)		

LEGEND

- ① EXISTING SUB-BASE GRANULAR MATERIAL
- ② EXISTING POZZOLANIC BASE, 8 1/2"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY, DEPTH VARIES 5" TO 7"
- ④ EXISTING AGGREGATE SHOULDER, 6"
- ⑤ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)-(STD 420106)
- ⑥ AGGREGATE SUBGRADE, 12"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ⑧ SUB-BASE GRANULAR MATERIAL, TYPE B, 8"
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑩ FURNISHING & PLACING TOPSOIL, 6"
- ⑪ HOT-MIX ASPHALT SHOULDER, 6" (IN 3 LIFTS)
- ⑫ POLYMERIZED HOT-MIX ASPHALT CONCRETE SURFACE COURSE, MIX "F", N90, 2"
- ⑬ LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- ⑭ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19, N90, 2 1/4"
- ⑮ HOT-MIX ASPHALT BASE COURSE, 9 1/2" (IN 4 LIFTS)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/2"
- ⑰ HOT-MIX ASPHALT, IL-19, N70, 2 1/4"
- ⑱ HOT-MIX ASPHALT BASE COURSE WIDENING, 8" (IN 3 LIFTS)
- ⑲ EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS AS NOTED
- ⑳ HOT-MIX ASPHALT SHOULDER, 8" (IN 3 LIFTS)
- ㉑ STRIP REFLECTIVE CRACK CONTROL
- ㉒ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ㉓ SAWED LONGITUDINAL JOINT WITH EPOXY COATED #6x30" TIE BARS @ 30" CTS. (COST OF SAW CUT AND TIE BAR INCLUDED WITH PCC PAVEMENT)
- ㉔ LONGITUDINAL CONSTRUCTION JOINT WITH DRILL AND GROUT EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
- ㉕ EPOXY COATED #6x24" TIE BARS @ 24" CTS. (COST OF TIE BARS AND PLACEMENT INCLUDED WITH PCC PAVEMENT)
- ㉖ EXISTING PCC PAVEMENT
- ㉗ EXISTING PCC COMBINATION CURB & GUTTER
- ㉘ EXISTING HOT-MIX ASPHALT MULTI-USE PATH
- ㉙ SUITABLE EXCAVATED FILL MATERIAL
- ㉚ AGGREGATE SUBGRADE, 4" (INCLUDED IN COST OF HMA SHOULDERS)

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ROADWAY PAVEMENTS											
LOCATION	SUB-BASE GRANULAR MATERIAL, TYPE B, 8"	AGGREGATE SUBGRADE, 12"	HMA PAVEMENT (FULL-DEPTH), 13 3/4"	HMA BASE COURSE WEDENING, 8"	LEVELING BINDER (MACHINE METHOD), N70	HMA BINDER COURSE, IL-19.0, N70	HMA SURFACE COURSE, MIX C, N50	HMA SURFACE COURSE, MIX D, N70	PCC PAVEMENT 10" (JOINTED)	HMA ASPHALT SHOULDERS, 6"	HMA SHOULDERS, 8"
	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD
ORCHARD ROAD											
US ROUTE 30 to COUNTRYSIDE AVE.	2,340	8,387	4,434				187		2,993		1,295
COUNTRYSIDE AVE. to AUCUTT RD.	1,753	10,798					140		9,299		
AUCUTT RD. to KNELL RD.	3,136	19,666					251		16,891		
KNELL RD. to ROCHESTER DR.	2,515	16,778					201		15,050		
ROCHESTER DR. to CORNELL AVE.	1,200	7,982					96		6,680		
COUNTRYSIDE AVE.		338							246		
AUCUTT ROAD (STA. 71+26 TO 76+69)	1,149	901		494	86	62		230	723	692	
KNELL ROAD (STA. 51+20 TO 52+28)	28	837		16	19	2		37	667		
ROCHESTER DRIVE (STA. 31+20 TO 32+50)	42	678			17			43	648	106	
COMMERCIAL ENTRANCE (STA. 121+84), RT	253							18			
COMMERCIAL ENTRANCE (STA. 154+85), RT									419		
COMMERCIAL ENTRANCE (STA. 159+08), RT	118							8			
COMMERCIAL ENTRANCE (STA. 161+14), LT	174	439						13			
JERICO PATH EXTENSION	350						41				
TOTALS	13,058	66,804	4,434	510	121	64	917	349	53,616	798	1,295

EARTHWORK SCHEDULE								
LOCATION	EARTH EXCAVATION	EMBANKMENT	EARTHWORK BALANCE (+) WASTE (-) SHORTAGE	TOPSOIL STRIPPING	TOPSOIL PLACEMENT	TOPSOIL BALANCE (+) WASTE (-) SHORTAGE	REMOVAL OF UNSUITABLE MATERIAL	PGE
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
STAGE II								
US ROUTE 30 to COUNTRYSIDE AVE.	988	4,469	-3,480	2,563	842	1,721	1,255	765
COUNTRYSIDE AVE. to AUCUTT RD.	1,185	798	387	1,772	293	1,480	0	0
AUCUTT RD. to KNELL RD.	681	26,717	-26,036	6,246	954	5,293	7,642	5,530
KNELL RD. to ROCHESTER DR.	1,496	3,757	-2,261	1,745	294	1,450	752	296
ROCHESTER DR. to CORNELL AVE.	569	1,430	-861	808	238	570	0	0
COUNTRYSIDE DITCH	5,920	0	5,920	794	794	0	0	0
COUNTRYSIDE DETENTION BASIN	7,122	207	6,915	869	875	-6	0	0
AUCUTT COMPENSATORY STORAGE	5,417	44	5,373	2,205	2,205	0	0	0
JERICO COMP. STORAGE AND DET. BASIN	39,641	14	39,627	3,736	3,754	-18	0	0
JERICO PATH EXTENSION	166	0	166	0	4	4	0	0
EXCESS TOPSOIL DISPOSAL							10,486	
TOTAL STAGE II	63,187	37,436	25,751	20,738	10,252	10,486	20,135	6,591
STAGE III								
US ROUTE 30 to COUNTRYSIDE AVE.	1,978	229	1,749	522	167	355	0	0
COUNTRYSIDE AVE. to AUCUTT RD.	1,864	612	1,252	589	189	400	0	0
AUCUTT RD. to KNELL RD.	1,916	9,451	-7,535	1,935	504	1,431	519	226
KNELL RD. to ROCHESTER DR.	2,662	624	2,039	524	280	244	0	0
ROCHESTER DR. to CORNELL AVE.	815	416	399	300	33	267	0	0
AUCUTT ROAD	450	176	274	195	157	38	0	0
KNELL ROAD	473	4	469	36	19	17	0	0
ROCHESTER DRIVE	310	94	216	159	56	103	0	0
EXCESS TOPSOIL DISPOSAL							1,979	
TOTAL STAGE III	10,467	11,605	-1,138	4,260	1,405	2,855	2,498	226
TOTAL STAGE IV (MEDIANS)	0	0	0	0	943	-943	0	0
GRAND TOTAL	73,654	49,041	24,613	24,998	12,600	12,398	22,633	6,817

CONCRETE MEDIAN		
LOCATION	TYPE SB-6.24	
	SQ FT	
ORCHARD RD.		
116+11.11 TO 118+55.73		1,545
127+67.00 TO 130+90.31		2,017
147+57.31 TO 150+06.22		1,570
161+92.68 TO 162+96.00		697
164+55.00 TO 166+70.46		1,370
TOTAL		7,199

COMBINATION CURB AND GUTTER SCHEDULE				
LOCATION	LOCATION	TYPE B-6.12	TYPE B-6.24	TYPE M-2.12
		FOOT	FOOT	FOOT
ORCHARD RD.				
111+22.39 TO 115+23.20	MEDIAN		795	
118+55.73 TO 126+14.49	MEDIAN		1,511	
130+90.31 TO 146+30.62	MEDIAN		3,074	
150+06.22 TO 154+12.45	MEDIAN		806	
155+46.73 TO 166+92.68	MEDIAN		785	
166+70.46 TO 172+46.40	MEDIAN		1,152	
111+22.39 TO 115+52.65	RT		459	
115+75.52 TO 126+69.78	RT		1,195	
127+10.16 TO 146+15.34	RT		1,959	
147+25.51 TO 154+65.22	RT		674	
155+06.64 TO 163+52.19	RT		936	
164+24.92 TO 171+62.60	RT		888	
111+22.39 TO 171+62.60	LT		6,542	
121+84.37	RT (ISLAND)			98
159+07.40	RT (ISLAND)			24
CE @ 159+07.40	RT	90		
KNELL RD.		470		
CE @ 161+18.61	LT	70		
RE @ 164+04.00	RT	68		
JERICO PATH EXTENSION			54	
TOTAL		698	20,830	122

CLASS SI CONCRETE (OUTLET)				
STATION	OFFSET	STATION	OFFSET	CLASS SI CONCRETE (OUTLET) CU YD
ORCHARD RD.				
110+64.24	47.4 LT TO	111+22.39	33.0 LT	4.4
110+63.90	46.8 RT TO	111+22.39	33.0 RT	4.4
AUCUTT RD.				
71+26.12	18.0 LT TO	71+65.73	27.0 LT	3.3
71+26.12	22.7 RT TO	71+66.53	27.1 RT	3.2
ROCHESTER DR				
31+19.96	19.0 RT TO	31+49.94	23.4 RT	3.2
				TOTAL 18.4

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rjngroup
200 West Front Street
Wheaton, IL 60187
Excellence through Ownership

DESIGNED -	MK	REVISED -	
DRAWN -	DW	REVISED -	
CHECKED -	MH	REVISED -	
DATE -	12/20/2010	REVISED -	

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

PAVEMENT SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET NO. 1 OF 5 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	15
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING SCHEDULE						
LOCATION	URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS	URETHANE PAVEMENT MARKING, LINE 4"	URETHANE PAVEMENT MARKING, LINE 6"	URETHANE PAVEMENT MARKING, LINE 12"	URETHANE PAVEMENT MARKING, LINE 24"	RECESSED REFLECTIVE PAVEMENT MARKER
	SQ FT	FOOT	FOOT	FOOT	FOOT	EACH
ORCHARD ROAD						
US ROUTE 30 to COUNTRYSIDE AVE.	109.2	8,381	603	105	0	88
COUNTRYSIDE AVE. to AUCUTT RD.	182.0	3,875	984	92	36	47
AUCUTT RD. to KNELL RD.	109.2	8,469	565	419	36	59
KNELL RD. to ROCHESTER DR.	291.2	5,856	1,533	334	48	64
ROCHESTER DR. to CORNELL AVE.	72.8	5,081	566	338	36	41
NORTH OF JERICHO RD.	0.0	270	217	0	0	19
AUCUTT ROAD (STA. 71+26 TO 76+69)	145.6	2,948	253	0	33	0
KNELL ROAD (STA. 51+20 TO 52+28)	72.8	1,650	192	0	0	0
ROCHESTER DRIVE (STA. 31+20 TO 32+50)	0.0	978	0	0	26	0
JERICHO PATH EXTENSION	0.0	0	920	366	0	0
TOTALS	982.8	37,508	5,833	1,654	215	318

SIGN REMOVAL		
STATION	OFFSET	REMOVE SIGN PANEL ASSEMBLY-TYPE A
		EACH
ORCHARD RD.		
103+60.00	63.00 RT	1
104+08.00	52.00 RT	1
105+43.00	35.00 RT	1
110+40.49	13.78 LT	1
114+85.43	42.87 RT	1
115+84.86	64.92 RT	1
117+23.89	9.96 LT	1
120+42.82	66.72 RT	1
120+86.67	66.15 RT	1
122+34.57	48.14 RT	1
124+74.06	12.99 LT	1
126+08.38	12.27 LT	1
128+53.42	49.91 RT	1
132+69.17	14.67 LT	1
138+44.44	11.94 LT	1
145+13.23	44.75 RT	1
146+63.98	60.58 RT	1
152+19.83	44.18 RT	1
152+26.20	12.11 LT	1
154+45.71	10.56 LT	1
156+22.35	12.75 LT	1
156+74.66	9.05 LT	1
157+77.83	41.67 RT	1
161+35.08	13.38 LT	1
163+88.33	11.53 LT	1
164+28.67	16.18 LT	1
173+55.00	50.00 LT	1
AUCUTT RD.		
70+66.35	31.50 LT	1
71+87.52	28.78 LT	1
72+58.57	21.53 RT	1
76+24.73	25.09 RT	1
76+25.19	21.19 LT	1
76+41.88	21.08 LT	1
76+42.05	24.81 RT	1
KNELL RD.		
50+86.07	28.14 LT	1
51+18.80	25.47 RT	1
ROCHESTER DR.		
30+62.12	22.95 LT	1
31+04.31	20.01 RT	1
TOTAL		38

PAVEMENT REMOVAL SCHEDULE			
LOCATION	HMA SURFACE REMOVAL - BUTT JOINT	HMA SURFACE REMOVAL, 2 1/4"	PAVEMENT REMOVAL
	SQ YD	SQ YD	SQ YD
STAGE II			
ORCHARD ROAD			
104+89.01 TO 114+92.36			953
163+71.60 TO 171+62.62			130
STAGE III			
ORCHARD ROAD			
104+89.01 TO 114+92.36			4,615
114+92.36 TO 127+67.00			4,941
127+67.00 TO 130+00.00			2,042
134+00.00 TO 139+00.00			1,552
144+00.00 TO 147+06.60			1,598
147+06.60 TO 163+71.60			7,731
163+71.60 TO 171+62.62			4,198
AUCUTT ROAD			
71+26.17 TO 76+64.46		1778	111
76+64.46 TO 76+68.96	13		
KNELL ROAD			
51+20.45 TO 52+23.00		409	
52+23.00 TO 52+27.50	18		
ROCHESTER DRIVE			
31+19.96 TO 32+45.50		363	91
32+45.50 TO 32+50.00	13		331
STAGE IV			
ORCHARD ROAD			
171+62.60 TO 175+20.00			601
TOTAL	44	2,550	28,894

DRIVEWAY REMOVAL SCHEDULE		
LOCATION	SIDE	DRIVEWAY PAVEMENT REMOVAL
		SQ YD
ORCHARD RD.		
120+63.57	RT	303
154+88.65	RT	335
157+59.98	LT	103
159+07.40	RT	174
161+18.61	LT	279
164+04.00	LT	215
AUCUTT RD.		
73+60.70	RT	362
ROCHESTER DR.		
31+81.88	LT	146
TOTAL		1,918

DRIVEWAY PAVEMENT SCHEDULE						
LOCATION	SIDE	TYPE	AGGREGATE BASE COURSE, TYPE B, 8"	HMA BASE COURSE, 6"	HMA BASE COURSE, 8"	HMA SURFACE COURSE, MIX "C", N50
			SQ YD	SQ YD	SQ YD	TON
ORCHARD RD.						
116+00.00	LT	FE	70			8
121+84.37	RT	CE			225	25
152+52.10	RT	CE			58	7
152+54.58	LT	PE		69		8
157+59.98	LT	FE	42			5
159+08.40	RT	CE			102	11
159+23.76	LT	FE	43			5
161+14.11	LT	CE			153	17
164+04.00	LT	PE		77		9
AUCUTT RD.						
73+60.70	RT	CE			204	23
TOTAL			155	146	742	117

TREE REMOVAL

STATION	OFFSET	6-15 UNITS	OVER 15 UNITS	ACRES
100+63.70	209.34 LT	12		
100+80.26	166.13 LT		24	
100+80.59	190.53 LT	10		
100+82.55	214.16 LT	15		
100+82.84	148.75 LT	12		
100+85.97	194.37 LT	6		
100+91.29	170.24 LT	12		
100+96.27	170.96 LT	6		
100+98.78	170.62 LT	12		
100+98.99	215.19 LT		18	
101+01.40	146.94 LT	12		
101+02.78	110.43 LT		24	
101+08.42	167.48 LT	12		
101+10.01	181.43 LT	12		
101+13.95	213.89 LT		46	
101+17.15	203.54 LT	12		
101+22.37	152.47 LT	12		
101+50.82	101.72 LT	12		
102+12.32	67.11 LT	14		
102+18.08	99.62 LT		30	
102+60.69	138.97 LT		36	
103+04.70	142.51 LT		36	
103+04.95	77.70 LT		48	
103+19.80	56.44 LT	12		
103+58.94	55.50 LT	12		
103+94.82	56.06 LT	12		
104+00.86	63.35 LT	8		
104+22.93	117.88 LT		30	
106+13.43	82.74 LT	7		
106+13.62	75.86 LT	12		
106+14.22	70.59 LT		20	
106+40.52	58.78 LT	8		
106+81.27	56.11 LT	8		
106+88.72	58.67 LT	12		
106+89.12	61.99 LT	8		
107+30.28	57.57 LT		20	
107+30.60	75.36 LT		20	
107+45.46	122.74 LT	6		
107+64.40	49.95 LT		21	
107+75.12	118.44 LT		24	
108+04.86	47.95 LT		20	
108+15.69	128.74 LT	6		
131+01.40	40.15 LT		19	
147+68.51	76.62 RT	6		
153+05.75	51.88 LT		18	
153+21.89	35.97 LT		18	
153+97.16	40.93 LT	15		
154+38.43	56.33 LT	15		
154+47.28	36.47 LT	12		
154+64.90	40.89 LT	15		
154+68.80	52.12 LT	12		
154+88.31	59.87 LT		48	
155+56.30	40.29 LT	15		
155+91.99	38.15 LT	15		
156+49.70	53.60 LT		48	
157+03.01	369.91 LT	8		
157+19.24	370.60 LT	8		
157+24.63	40.87 LT	15		
157+34.57	370.38 LT	8		
157+47.50	371.03 LT	8		
160+97.98	48.49 LT	12		
160+98.55	56.30 LT		24	
160+99.21	54.04 LT	15		
161+83.37	48.62 LT		36	
162+69.63	49.64 LT	12		
163+14.03	50.94 LT		30	
163+76.31	41.69 LT		24	
164+43.32	68.99 LT	10		
164+51.86	44.95 LT	6		
106+34 - 107+28	LT			0.14
108+28 - 108+62	LT			0.04
TOTAL		489	682	0.25

TEMPORARY PAVEMENT

LOCATION	SIDE	TEMPORARY PAVEMENT
		SQ YD
ORCHARD ROAD		
123+64.00 TO 126+78.00	EAST	354
127+62.00 TO 131+66.00	EAST	364
144+40.00 TO 146+29.00	EAST	89
147+87.00 TO 150+50.00	EAST	162
171+62.60 TO 175+20.00	CENTER	601
AUCUTT ROAD		
72+27.00 TO 74+70.00	NORTH	111
ROCHESTER DRIVE		
30+46.00 TO 31+54.00	NORTH	91
31+95.00 TO 35+30.00	NORTH	331
TOTAL		2,103

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200 West Front Street
 Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

LANDSCAPING
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	17
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				

TEMPORARY PAVEMENT MARKING SCHEDULE

LOCATION	SHORT TERM PAVEMENT MARKING	TEMP. PAINT PAVEMENT MARKING, LETTERS & SYMBOLS	TEMPORARY PAVEMENT MARKING, LINE 4"	TEMPORARY PAVEMENT MARKING, LINE 6"	TEMPORARY PAVEMENT MARKING, LINE 12"	WET TEMP. PAVEMENT MARKING TAPE, TYPE III - LETTERS & SYMBOLS	WET TEMP. PAVEMENT MARKING TAPE, TYPE III - 4 INCH	WET TEMP. PAVEMENT MARKING TAPE, TYPE III - 6 INCH	WET TEMP. PAVEMENT MARKING TAPE, TYPE III - 12 INCH
	FOOT	SQ FT	FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	SQ FT
STAGE II									
SOUTH OF US ROUTE 30						72.8	992	590	
US ROUTE 30 to COUNTRYSIDE AVE.			4,168		211	72.8	1,581		44
COUNTRYSIDE AVE. to AUCUTT RD.			3,834						
AUCUTT RD. to KNELL RD.		36.4	7,882	225					
KNELL RD. to ROCHESTER DR.		36.4	5,799	193					
ROCHESTER DR. to JERICHO RD.			1,465				1,048		
NORTH OF JERICHO RD.							1,132		
STAGE III									
SOUTH OF US ROUTE 30								194	
US ROUTE 30 to COUNTRYSIDE AVE.							4,862		170
COUNTRYSIDE AVE. to AUCUTT RD.							2,862		121
AUCUTT RD. to KNELL RD.						36.4	5,514	243	121
KNELL RD. to ROCHESTER DR.						36.4	4,280	201	
ROCHESTER DR. to JERICHO RD.							4,277	63	
NORTH OF JERICHO RD.							950		
AUCUTT ROAD							2,352		
KNELL ROAD							1,356		
ROCHESTER DRIVE							1,786		
STAGE IIIA									
AUCUTT ROAD							2,408		
KNELL ROAD							1,142		
ROCHESTER DRIVE							1,883		
STAGE IIIB									
AUCUTT ROAD							2,076		
KNELL ROAD							1,547		
ROCHESTER DRIVE							1,246		
STAGE IIIC									
AUCUTT ROAD							772		
KNELL ROAD							123		
ROCHESTER DRIVE							499		
STAGE IV									
SOUTH OF US ROUTE 30								230	
US ROUTE 30 to COUNTRYSIDE AVE.	730						2,430	257	41
COUNTRYSIDE AVE. to AUCUTT RD.						36.4	2,840	328	
AUCUTT RD. to KNELL RD.						36.4	3,468	514	
KNELL RD. to ROCHESTER DR.						72.8	2,707	267	
ROCHESTER DR. to JERICHO RD.						36.4	2,838		
AUCUTT ROAD	330								
KNELL ROAD	192								
ROCHESTER DRIVE	98								
TOTAL	620	72.8	23,148	418	379	400.4	58,971	2,887	497

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INLET & PIPE PROTECTION

STATION	OFFSET	INLET AND PIPE PROTECTION	
		QUANTITY	UNIT
ORCHARD RD. - STAGE II			
103+25.11	59.9	LT	1
111+40.00	35.2	LT	1
111+48.80	151.2	LT	1
113+00.00	34.8	LT	1
114+60.00	35.0	LT	1
119+40.20	41.4	LT	1
119+50.20	73.0	LT	1
121+13.50	46.2	LT	1
123+60.20	46.7	LT	1
125+70.20	46.7	LT	1
127+00.00	46.1	LT	1
127+30.20	46.4	LT	1
128+40.20	46.1	LT	1
134+30.10	46.0	LT	1
136+60.17	45.0	LT	1
138+70.00	46.5	LT	1
146+00.00	46.2	LT	1
146+30.00	46.4	LT	1
147+80.20	46.1	LT	1
149+40.20	46.0	LT	1
151+15.20	46.6	LT	1
153+15.00	46.9	LT	1
154+25.80	116.9	LT	1
154+45.00	45.8	LT	1
155+95.00	46.3	LT	1
157+45.00	46.4	LT	1
159+50.20	46.3	LT	1
160+80.00	46.0	LT	1
165+00.00	45.9	LT	1
167+00.00	46.9	LT	1
168+53.60	77.2	LT	1
171+39.90	46.8	LT	1
ORCHARD RD. - STAGE III			
105+67.40	43.5	RT	1
108+17.70	50.9	RT	1
111+40.00	35.0	RT	1
113+00.00	44.4	RT	1
114+60.00	46.2	RT	1
119+40.20	45.6	RT	1
121+13.50	46.0	RT	1
123+60.20	46.0	RT	1
125+70.20	46.3	RT	1
128+40.20	46.3	RT	1
134+30.10	46.0	RT	1
136+20.20	45.8	RT	1
136+50.20	45.8	RT	1
138+70.00	46.5	RT	1
146+00.00	46.4	RT	1
147+60.50	62.2	RT	1
149+40.20	46.0	RT	1
151+15.20	46.0	RT	1
153+15.00	45.7	RT	1
155+95.00	46.5	RT	2
156+34.50	493.6	LT	1
156+75.10	500.5	LT	1
157+45.00	45.6	RT	1
159+50.20	46.0	RT	1
160+80.00	45.6	RT	1
163+02.60	48.8	RT	2
165+00.00	47.0	RT	1
167+00.00	45.6	RT	1
171+40.00	47.7	RT	1
COUNTRYSIDE AVE			
60+73.90	17.0	RT	1
60+73.90	17.0	LT	1
AUCUTT			
70+74.50	38.8	RT	1
70+74.50	42.1	LT	1
ROCHESTER DR.			
30+84.60	25.4	LT	1
TOTAL			68

TEMPORARY DITCH CHECKS

STATION	OFFSET	QUANTITY	TEMPORARY DITCH CHECKS	
			QUANTITY	UNIT
100+46.00 TO 103+25.00				
	LT	4		16
103+25.00 TO 111+50.00				
	LT	4		16
100+50.00 TO 104+00.00				
	LT	4		16
104+00.00 TO 110+00.00				
	LT	3		12
119+00.00 TO 119+50.00				
	LT	1		4
119+50.00 TO 123+00.00				
	LT	2		8
130+00.00 TO 133+00.00				
	LT	2		8
153+00.00				
	LT	1		4
107+00.00 TO 109+00.00				
	RT	2		8
109+00.00 TO 112+25.00				
	RT	1		4
124+00.00 TO 126+00.00				
	RT	2		8
143+00.00 TO 145+00.00				
	RT	2		8
160+00.00 TO 162+00.00				
	RT	2		8
305+00.00 TO 307+00.00				
		2		16
TOTAL		32		136

ADJUSTMENT ITEMS

STATION	OFFSET	FIRE HYDRANTS	MANHOLES	VALVE VAULTS	
					QUANTITY
(EACH)					
120+27.00	56.8	RT	1		
123+24.00	56.7	RT	1		
126+27.00	56.5	RT	1		
126+67.00	65.3	RT		1	
126+80.00	37.1	RT	1		
127+15.00	78.7	RT	1		
127+19.00	508.2	RT	1		
127+35.00	50.0	RT		1	
129+28.00	57.2	RT	1		
129+86.00	75.8	RT	1		
132+21.00	56.8	RT	1		
132+57.00	75.5	RT	1		
134+83.00	56.5	RT	1		
135+26.00	63.2	RT	1		
136+64.00	30.1	LT		1	
138+10.00	56.5	RT	1		
141+05.00	57.4	RT	1		
143+99.00	58.6	RT	1		
145+47.00	35.5	LT	1		
146+35.00	62.9	RT	1		
146+38.00	53.4	RT		1	
146+78.00	97.6	RT	1		
147+81.00	50.3	RT		1	
147+95.00	57.0	RT	1		
153+76.00	57.0	RT	1		
157+26.00	40.1	RT	1		
157+85.00	53.9	RT	1		
160+65.00	59.0	RT		1	
161+30.00	54.4	RT	1		
163+46.00	55.9	RT	1		
164+74.00	55.6	RT	1		
168+23.00	46.6	RT	1		
169+10.00	57.6	LT	1		
169+52.00	46.3	RT	1		
171+40.00	59.0	RT	1		
171+40.00	46.6	LT	1		
171+40.00	0		1		
171+40.00	47.5	RT	1		
TOTAL		10	20	8	

MULCH METHOD 3

LOCATION	MULCH METHOD 3	
	QUANTITY	UNIT
ORCHARD ROAD - STAGE II		
100+18.80 TO 113+50.00	0.26	
113+50.00 TO 129+00.00	0.56	
129+00.00 TO 144+50.00	0.39	
144+50.00 TO 160+00.00	2.89	
160+00.00 TO 175+00.00	0.41	
ORCHARD ROAD - STAGE III		
100+18.80 TO 113+50.00	0.00	
113+50.00 TO 129+00.00	0.20	
129+00.00 TO 144+50.00	0.00	
144+50.00 TO 160+00.00	0.02	
160+00.00 TO 175+00.00	0.09	
ORCHARD ROAD - STAGE IV		
100+18.80 TO 113+50.00	0.07	
113+50.00 TO 129+00.00	0.26	
129+00.00 TO 144+50.00	0.39	
144+50.00 TO 160+00.00	0.29	
160+00.00 TO 175+00.00	0.26	
AUCUTT ROAD - STAGE II		
70+00.00 TO 76+68.96	3.39	
AUCUTT ROAD - STAGE III		
70+00.00 TO 76+68.96	0.25	
JERICHO PATH EXTENSION		
306+21.00 TO 309+42.00	0.00	
TOTAL	9.75	

EROSION CONTROL BLANKET

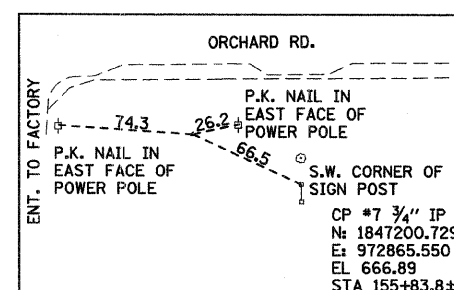
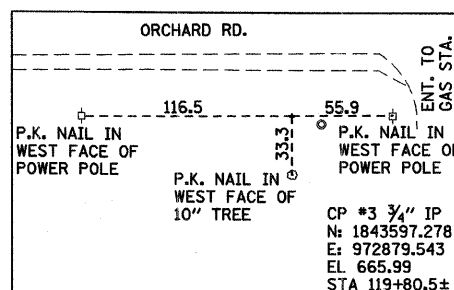
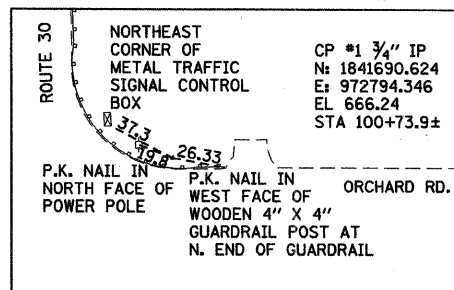
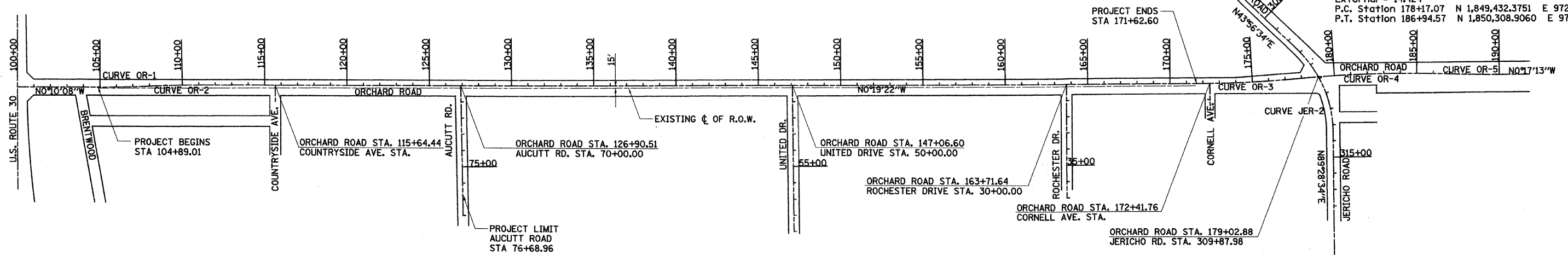
LOCATION	EROSION CONTROL BLANKET	
	QUANTITY	UNIT
ORCHARD ROAD - STAGE II		
100+16.50 TO 113+50.00	14,517	
113+50.00 TO 115+68.20	2,674	
119+00.00 TO 123+00.00	771	
127+20.00 TO 132+66.00	1,626	
129+00.00 TO 133+00.00	882	
153+00.00 TO 157+93.00	9,775	
ORCHARD ROAD - STAGE III		
104+89.00 TO 113+50.00	988	
113+50.00 TO 115+50.00	262	
123+06.00 TO 126+68.00	1,071	
132+66.00 TO 144+50.00	2,704	
144+50.00 TO 146+88.00	510	
147+28.00 TO 154+63.00	757	
155+07.00 TO 158+95.00	615	
159+22.00 TO 163+50.00	692	
163+91.00 TO 171+63.00	1,175	
AUCUTT ROAD - STAGE III		
73+73.00 TO 76+69.00	267	
ROCHESTER DRIVE - STAGE III		
31+89.00 TO 32+50.00	28	
JERICHO PATH EXTENSION		
306+21.00 TO 309+42.00	325	
TOTAL	39,639	

Curve OR-1
 P.I. Station 106+47.38 N 1,842,264.2471 E 972,834.5086
 Delta = 2° 42' 51" (LT)
 Degree = 0° 51' 25"
 Tangent = 158.374
 Length = 316.690
 Radius = 6,685.000
 External = 1.876
 P.C. Station 104+89.01 N 1,842,105.8735 E 972,834.9757
 P.T. Station 108+05.70 N 1,842,422.4210 E 972,826.5423

Curve OR-2
 P.I. Station 109+64.07 N 1,842,580.5949 E 972,818.5759
 Delta = 2° 42' 51" (RT)
 Degree = 0° 51' 25"
 Tangent = 158.374
 Length = 316.690
 Radius = 6,685.000
 External = 1.876
 P.C. Station 108+05.70 N 1,842,422.4210 E 972,826.5423
 P.T. Station 111+22.39 N 1,842,738.9685 E 972,818.1089

Curve OR-3
 P.I. Station 174+55.40 N 1,849,071.8954 E 972,786.5538
 Delta = 5° 00' 56" (LT)
 Degree = 0° 51' 25"
 Tangent = 292.775
 Length = 585.175
 Radius = 6,685.000
 External = 6.408
 P.C. Station 171+62.62 N 1,848,779.1256 E 972,788.2031
 P.T. Station 177+47.80 N 1,849,363.4001 E 972,759.3158

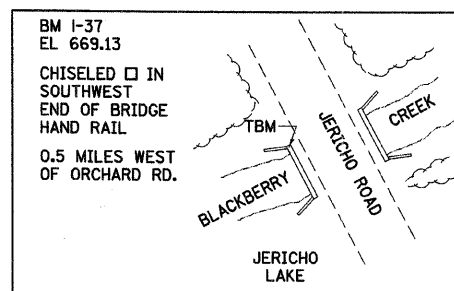
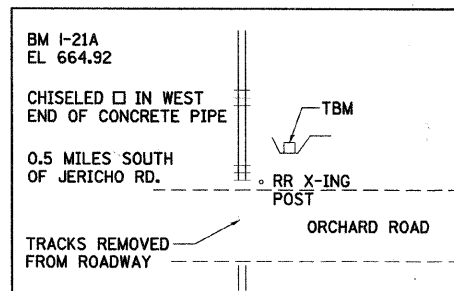
Curve OR-4
 P.I. Station 182+56.45 N 1,849,869.8471 E 972,711.9937
 Delta = 7° 31' 15" (RT)
 Degree = 0° 51' 25"
 Tangent = 439.378
 Length = 877.493
 Radius = 6,685.000
 External = 14.424
 P.C. Station 178+17.07 N 1,849,432.3751 E 972,752.8708
 P.T. Station 186+94.57 N 1,850,308.9060 E 972,728.7273



Curve OR-5
 P.I. Station 188+38.69 N 1,850,452.8927 E 972,734.2164
 Delta = 2° 28' 13" (LT)
 Degree = 0° 51' 25"
 Tangent = 144.126
 Length = 288.2076
 Radius = 6,685.000
 External = 1.553
 P.C. Station 186+94.57 N 1,850,308.9060 E 972,728.7273
 P.T. Station 189+82.77 N 1,850,597.0518 E 972,733.4931

Curve JER-1
 P.I. Station 301+02.33 N 1,848,904.2496 E 972,109.8972
 Delta = 8° 10' 14" (LT)
 Degree = 3° 59' 57"
 Tangent = 102.327
 Length = 204.307
 Radius = 1,432.691
 External = 3.650
 P.C. Station 300+00.00 N 1,848,841.4104 E 972,029.1382
 P.T. Station 302+04.31 N 1,848,977.9285 E 972,180.9056

Curve JER-2
 P.I. Station 310+73.93 N 1,849,604.0885 E 972,784.3709
 Delta = 45° 32' 00" (RT)
 Degree = 7° 59' 54"
 Tangent = 300.632
 Length = 569.281
 Radius = 716.340
 External = 60.527
 P.C. Station 307+73.30 N 1,849,387.6232 E 972,575.7512
 P.T. Station 313+42.58 N 1,849,606.8378 E 973,084.9901



NOTES:

1. BEARINGS ARE BASED ON THE NAD83 ILLINOIS EAST STATE PLANE COORDINATE SYSTEM.
2. ELEVATIONS ARE BASED ON THE NAVD88 DATUM.

205,9994 / IN.
 12/17/2018
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200 West Front Street
 Wheaton, IL 60187

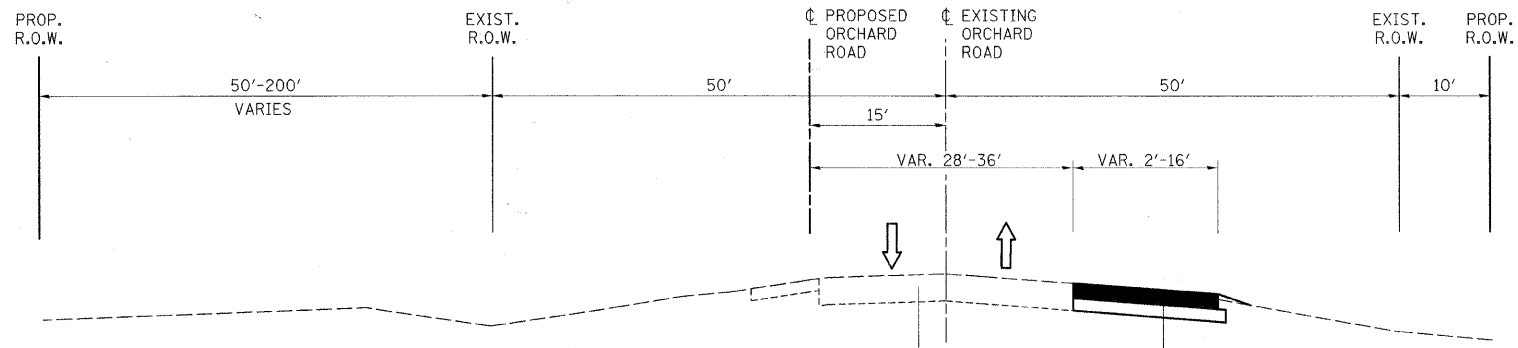
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DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION

ALIGNMENT, TIES, AND BENCHMARKS

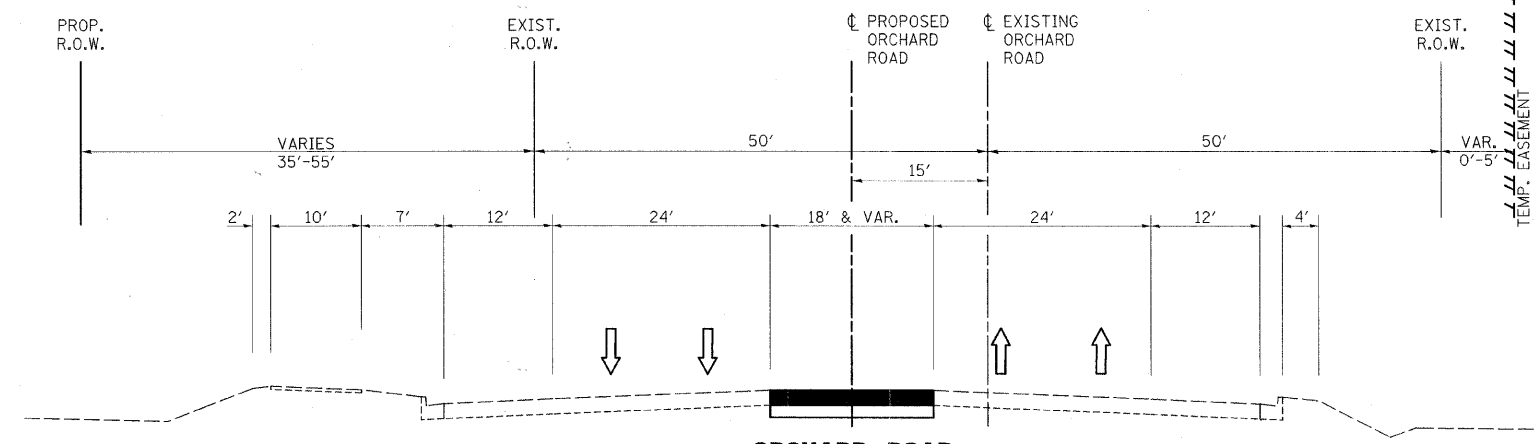
SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	20
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



**ORCHARD ROAD
STAGE I**

STA. 123+64 TO STA. 126+77
 STA. 127+62 TO STA. 131+66
 STA. 144+40 TO STA. 146+29
 STA. 147+87 TO STA. 150+50



**ORCHARD ROAD
STAGE I**

STA. 170+63 TO STA. 175+20

PROJECT CONSTRUCTION STAGE I

TRAFFIC MAINTENANCE:

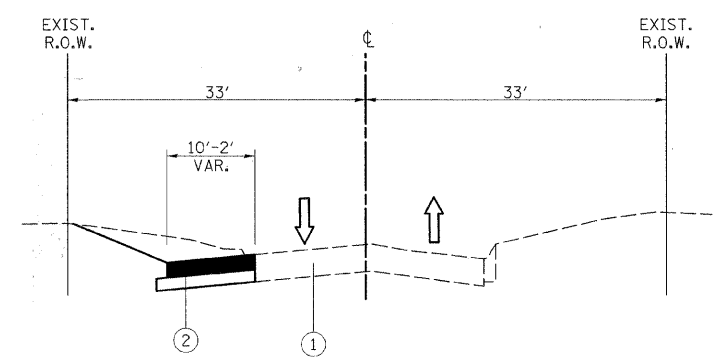
ORCHARD ROAD - TRAFFIC SHALL BE MAINTAINED ON THE EXISTING ORCHARD ROAD PAVEMENT.

SIDE STREETS - TRAFFIC SHALL BE MAINTAINED ON THE EXISTING SIDE STREET PAVEMENT.

THE FOLLOWING WORK ITEMS ARE TO BE COMPLETED DURING STAGE I:

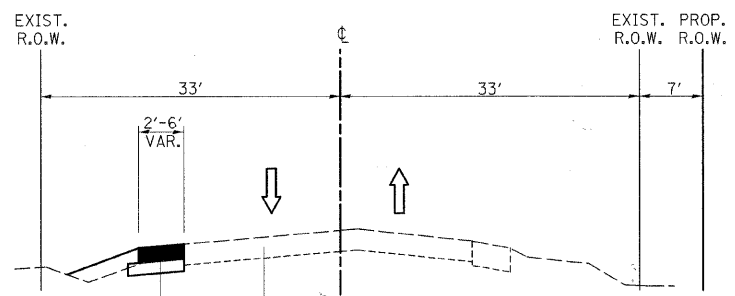
- CONSTRUCT ALL TEMPORARY PAVEMENTS APPLYING STANDARD 701006 FOR TRAFFIC CONTROL AND PROTECTION.
- INSTALL TEMPORARY TRAFFIC SIGNALS AT ORCHARD AND AUCUTT INTERSECTION.
- REMOVE MEDIAN CURB AND GUTTER FROM STA. 172+62.60 TO 175+19.60.
- MODIFY TEMPORARY TRAFFIC SIGNALS AT ORCHARD AND ROCHESTER INTERSECTION.
- EARTHWORK MAY BEGIN FOR FLOODPLAIN COMPENSATORY STORAGE AND STORMWATER DETENTION.

SEE STAGE IV TYPICAL SECTIONS AND NOTES FOR ADDITIONAL MAINTENANCE OF TRAFFIC NOTES.



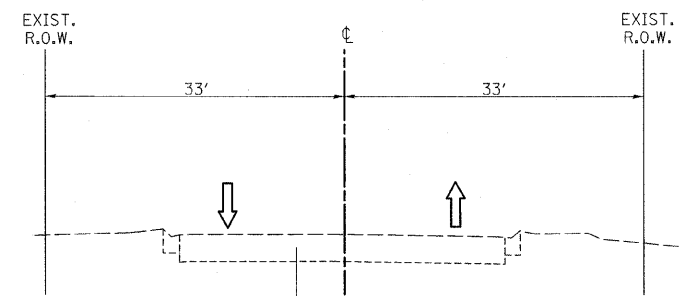
**COUNTRYSIDE ROAD
STAGE I**

STA. 60+29 TO STA 62+11

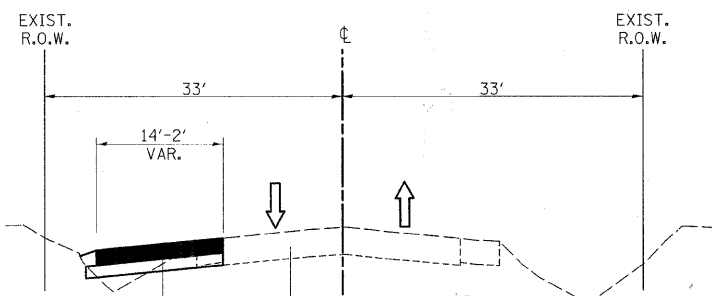


**AUCUTT ROAD
STAGE I**

STA. 72+27 TO STA 74+70

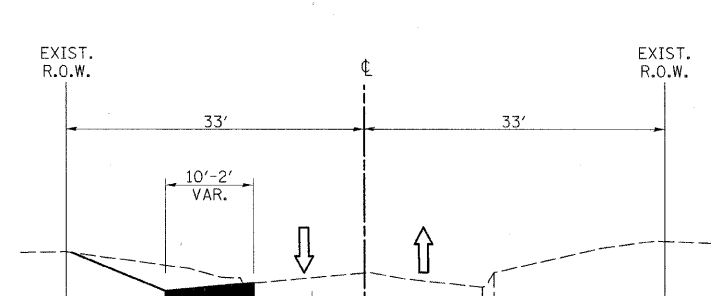


**KNELL ROAD
STAGE I**



**ROCHESTER DRIVE
STAGE I**

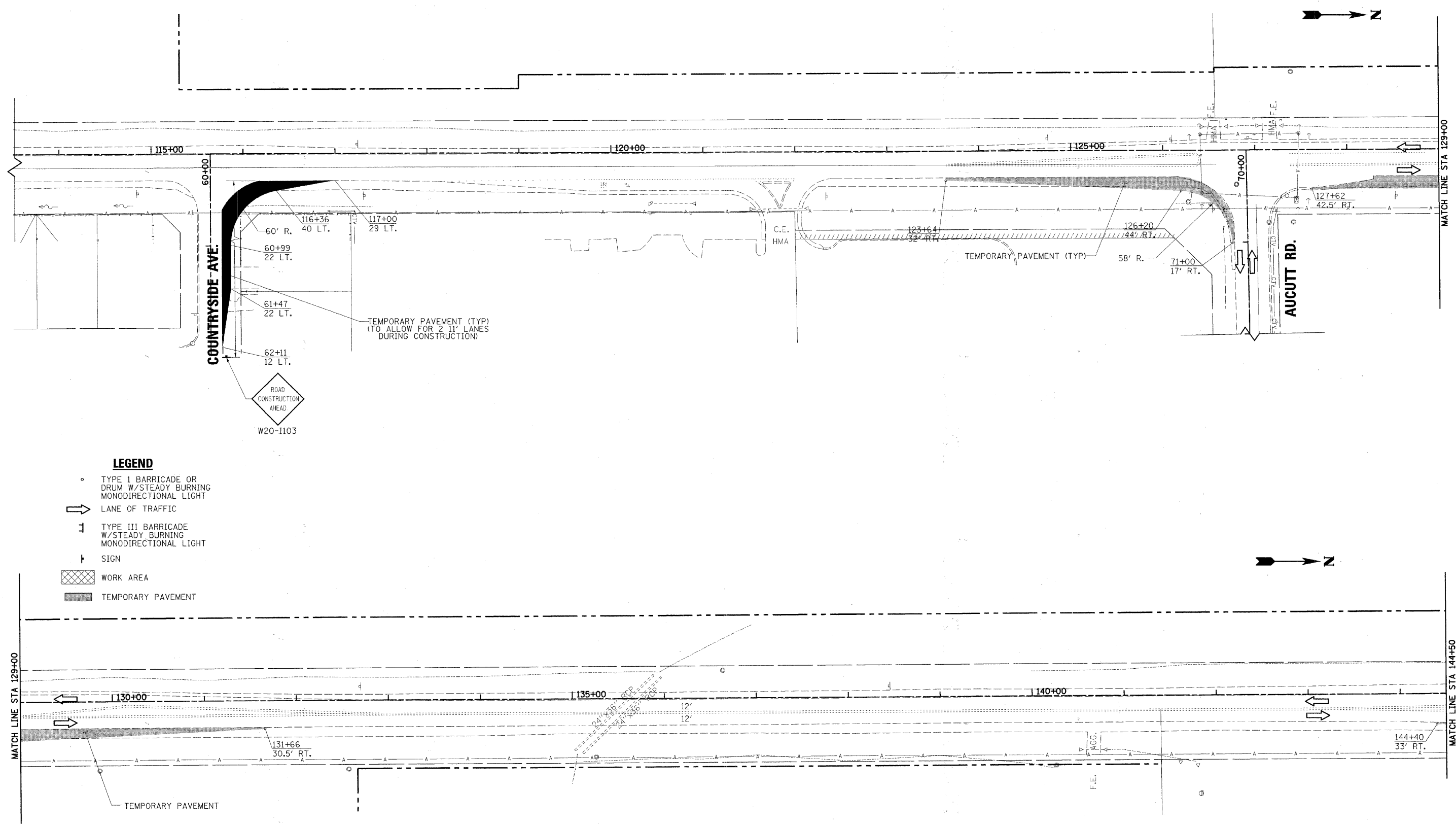
STA. 30.46 TO STA 35+30



**COUNTRYSIDE ROAD
STAGE I**

LEGEND

- ① EXISTING PAVEMENT
- ② TEMPORARY PAVEMENT, 10" WITH SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (INCIDENTAL TO TEMPORARY PAVEMENT)
- ③ PROPOSED PAVEMENT
- ④ TEMPORARY PAVEMENT MARKING



LEGEND

- TYPE I BARRICADE OR DRUM W/STEADY BURNING MONODIRECTIONAL LIGHT
- ➔ LANE OF TRAFFIC
- ⌌ TYPE III BARRICADE W/STEADY BURNING MONODIRECTIONAL LIGHT
- ⌌ SIGN
- ▨ WORK AREA
- ▨ TEMPORARY PAVEMENT

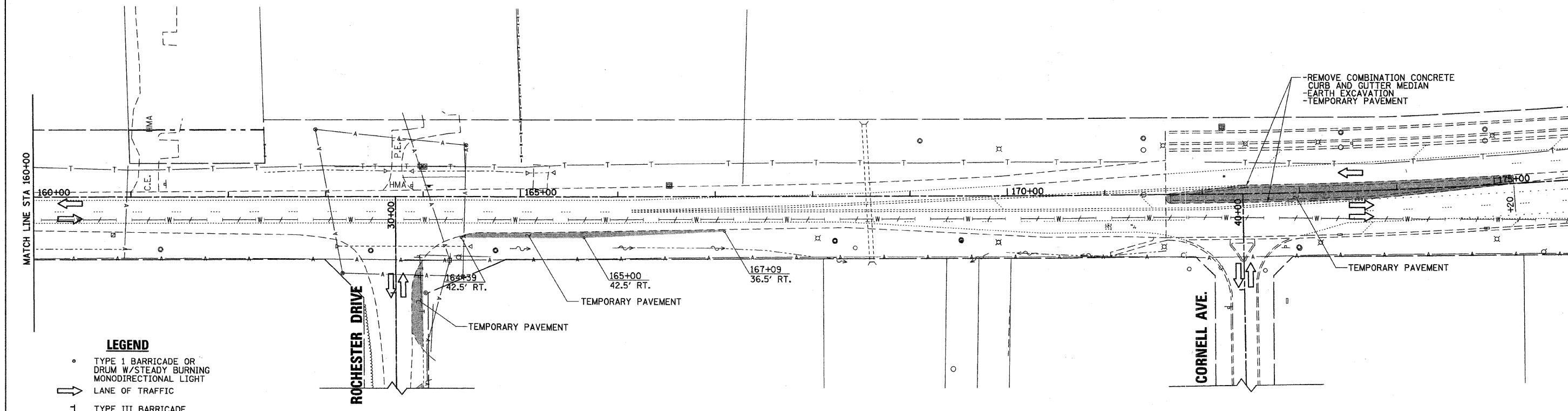
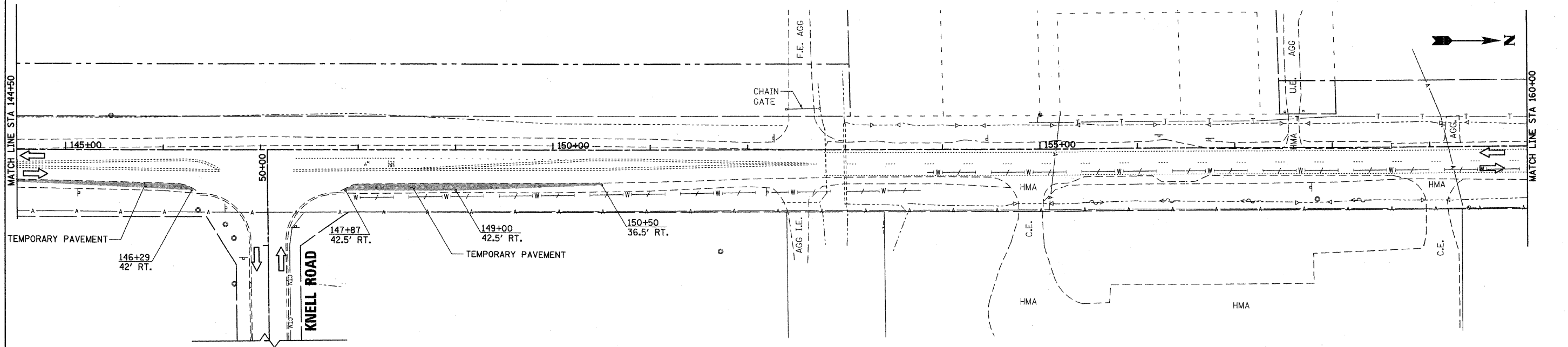
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION**

**MAINTENANCE OF TRAFFIC
 STAGE I**

SCALE: 1" = 50' SHEET NO. 2 OF 26 SHEETS STA. 114+00.00 TO STA. 144+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63541	



- LEGEND**
- TYPE I BARRICADE OR DRUM W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ➔ LANE OF TRAFFIC
 - ⌊ TYPE III BARRICADE W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ⌋ SIGN
 - ▨ WORK AREA
 - TEMPORARY PAVEMENT

48 9999 / IN.
 12/17/2010
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 200 West Front Street
 Wheaton, IL 60187

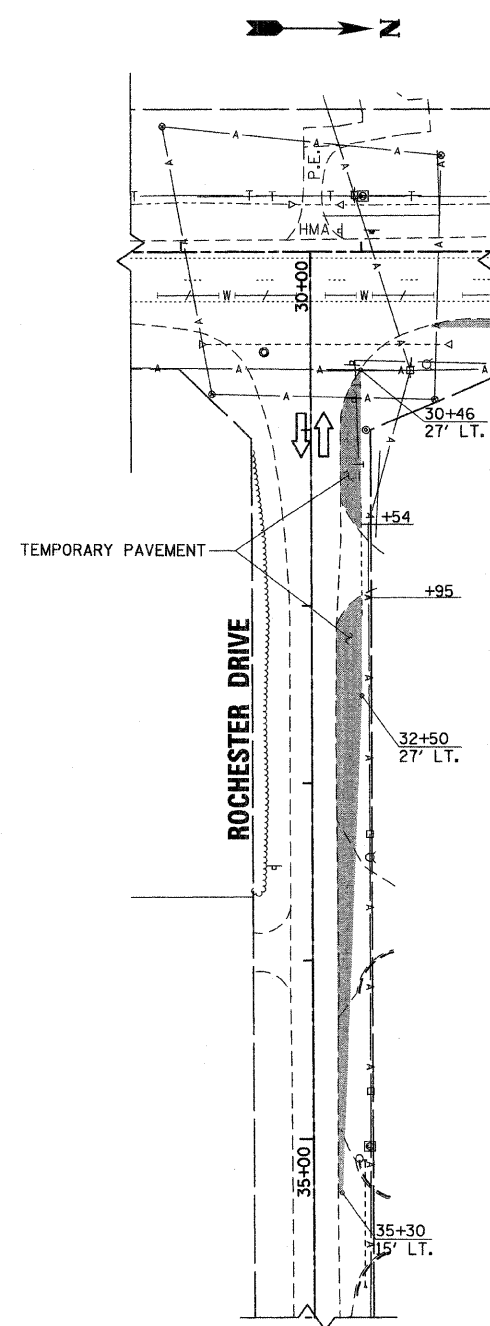
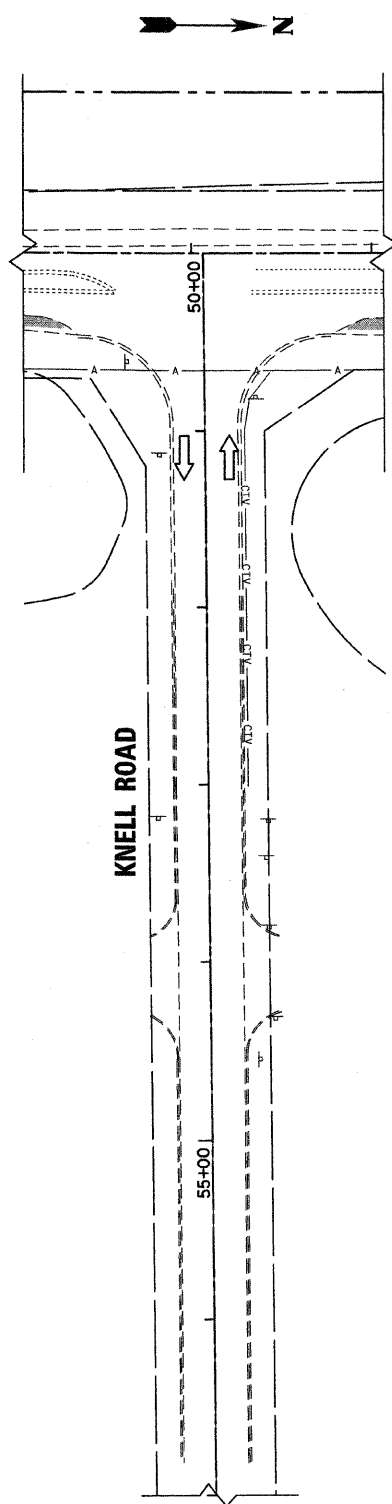
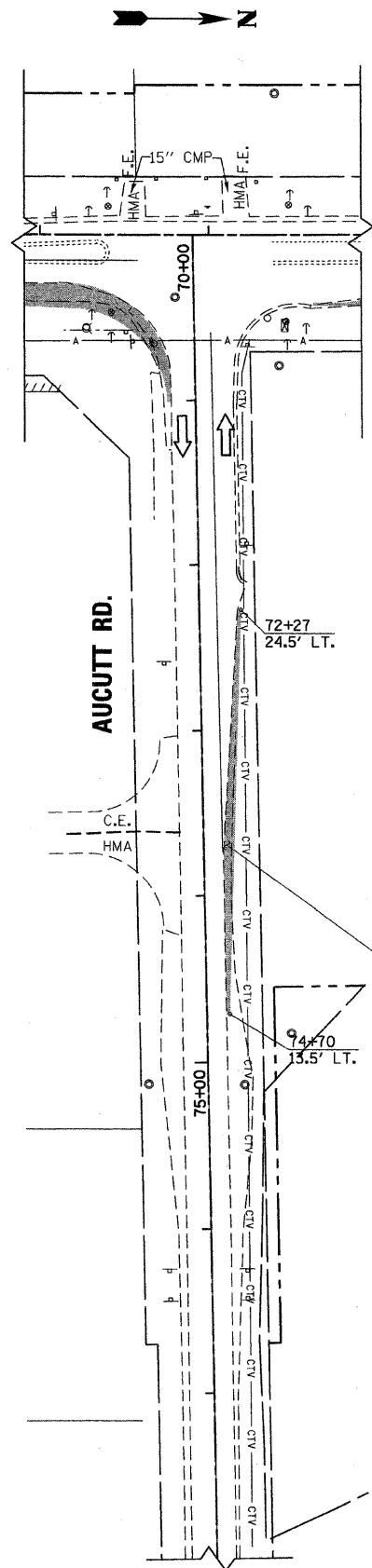
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

MAINTENANCE OF TRAFFIC
STAGE I

SCALE: 1" = 50' SHEET NO. 3 OF 26 SHEETS STA. 144+50.00 TO STA. 175+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	23
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- TYPE I BARRICADE OR DRUM W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ➔ LANE OF TRAFFIC
 - ⌊ TYPE III BARRICADE W/STEADY BURNING MONODIRECTIONAL LIGHT
 - † SIGN
 - ▨ WORK AREA
 - TEMPORARY PAVEMENT

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 12/17/2010
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rjngroup
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200 West Front Street
 Wheaton, IL 60187

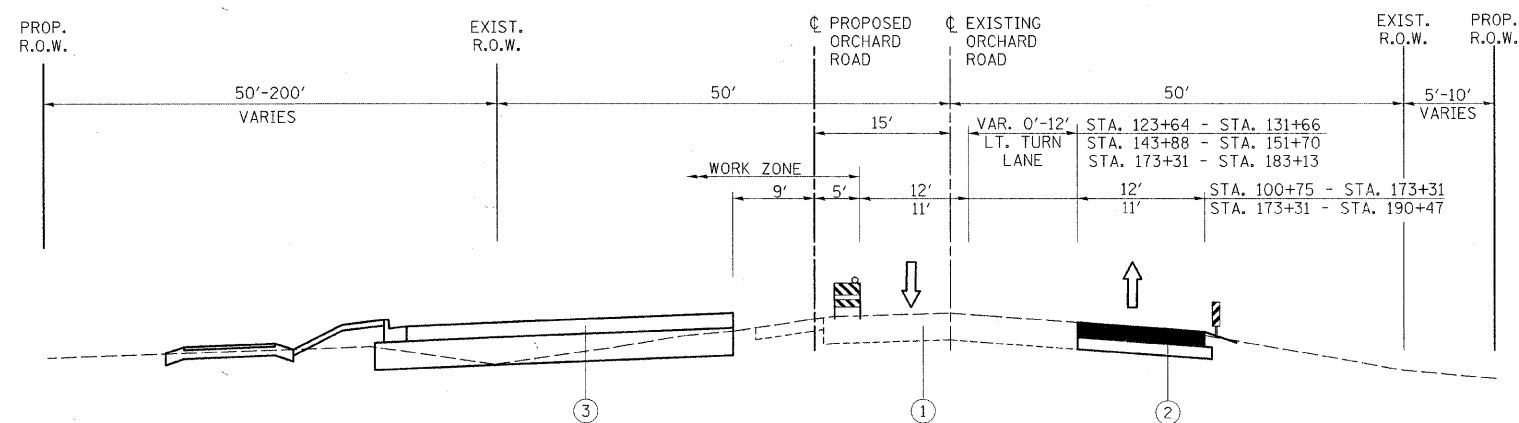
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DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION**

**MAINTENANCE OF TRAFFIC
 STAGE I**

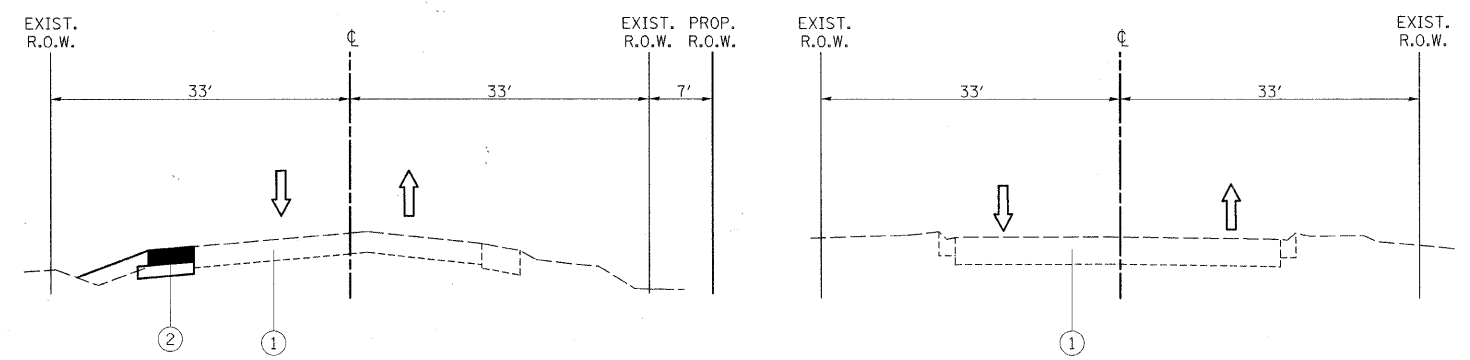
SCALE: 1" = 50' SHEET NO. 5 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



**ORCHARD ROAD
STAGE II**

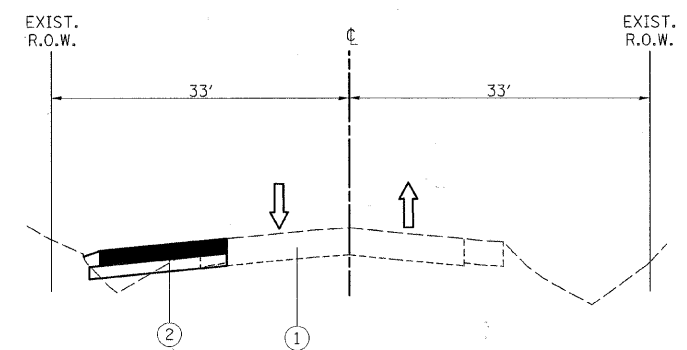
STA. 104+89.00 TO 171+63.00



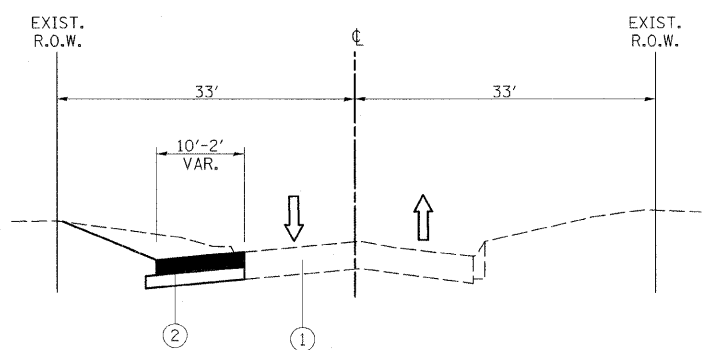
**AUCUTT ROAD
STAGE II**



**KNELL ROAD
STAGE II**



**ROCHESTER DRIVE
STAGE II**



**COUNTRYSIDE ROAD
STAGE II**

PROJECT CONSTRUCTION STAGE II

TRAFFIC MAINTENANCE:

ORCHARD ROAD - TRAFFIC SHALL BE MAINTAINED ON THE EXISTING ORCHARD ROAD PAVEMENT WITH ONE LANE OF TRAFFIC IN EACH DIRECTION. SOUTHBOUND LEFT TURN LANES SHALL BE PROVIDED AT AUCUTT ROAD, UNITED DRIVE AND JERICO ROAD. TRAFFIC CONTROL SHALL BE INSTALLED AS DETAILED IN THESE PLANS.

SIDE STREETS - TRAFFIC SHALL BE MAINTAINED ON THE EXISTING SIDE STREET PAVEMENT.

THE FOLLOWING WORK ITEMS ARE TO BE COMPLETED DURING STAGE II:

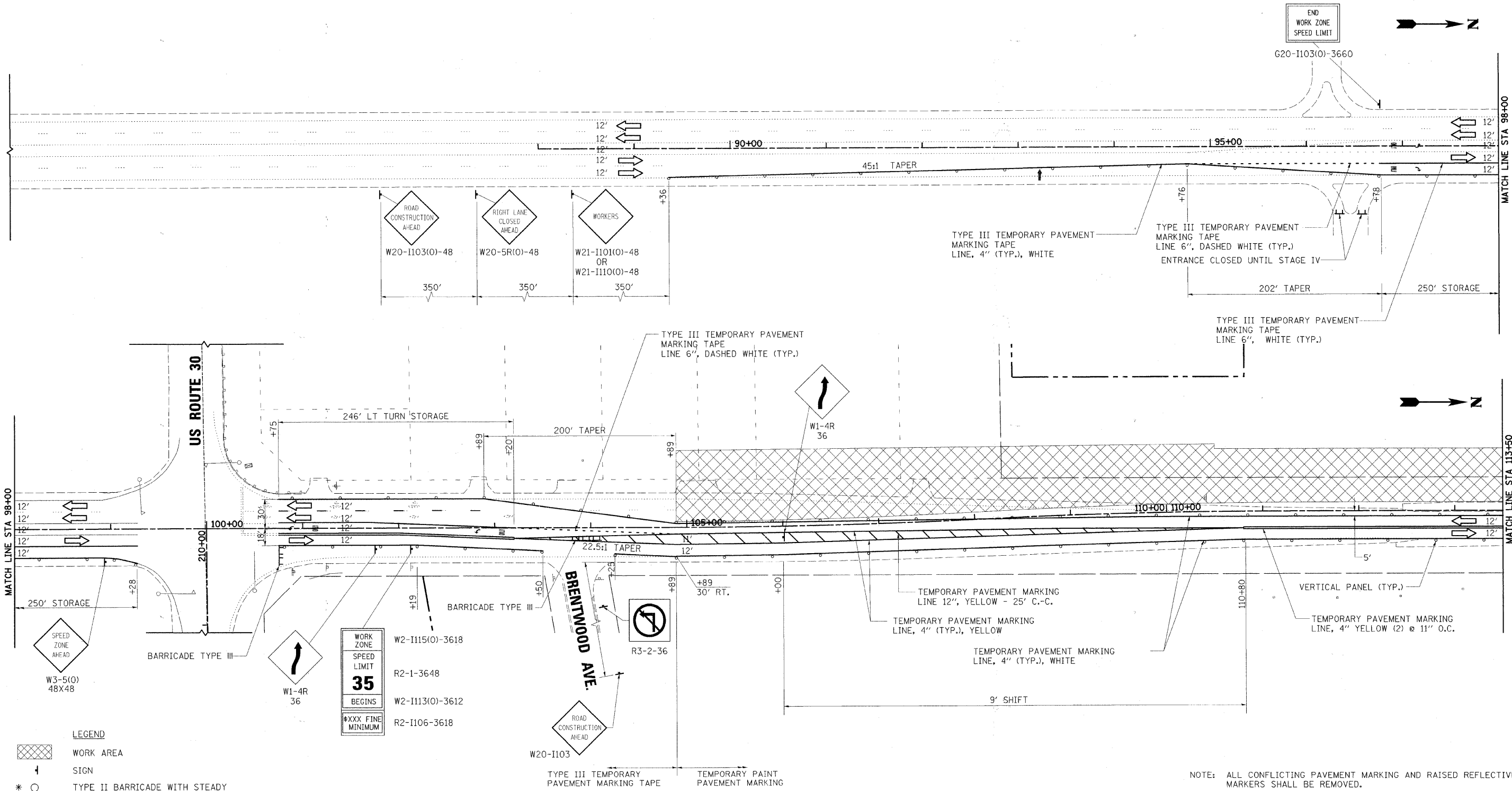
- TRAFFIC CONTROL ITEMS, TEMPORARY PAVEMENT MARKING AND OTHER TRAFFIC CONTROL DEVICES SHALL BE INSTALLED THROUGHOUT THE CONSTRUCTION AREA PRIOR TO WORK COMMENCING.
- STORMWATER MANAGEMENT BASINS SHALL BE EXCAVATED AND LANDSCAPED.
- GRADING AND EMBANKMENT CONSTRUCTION SHALL BE COMPLETED FOR THE SOUTHBOUND LANES.
- 4 CELL BOX CULVERT SHALL BE CONSTRUCTED UP TO THE PROPOSED STAGING LINE AS SHOWN IN THE PLANS.
- CONSTRUCT STORM SEWER LATERALS AND TRUNK LINE SEWER FOR SOUTHBOUND LANES.
- CONSTRUCT SOUTHBOUND PAVEMENT LANES AND OUTSIDE CURB AND GUTTER.
- CONSTRUCT PATH ALONG WEST SIDE OF SOUTHBOUND LANES.
- INSTALL PERMANENT TRAFFIC SIGNALS AND STREET LIGHTING FOUNDATIONS ALONG SOUTHBOUND PAVEMENTS
- COMPLETE FINAL RESTORATION OF WEST EMBANKMENT SLOPES

ALL TEMPORARY PAVEMENT MARKING, ON FINAL PAVEMENT SURFACES, SHALL BE PAVEMENT MARKING TAPE, TYPE III UNLESS NOTED OTHERWISE

SEE STAGE IV TYPICAL SECTIONS AND NOTES FOR ADDITIONAL MAINTENANCE OF TRAFFIC NOTES.

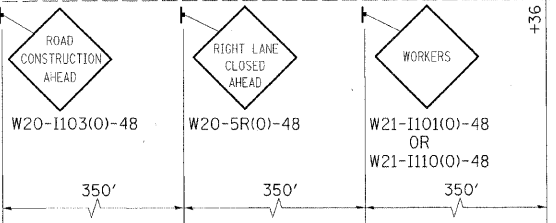
LEGEND

- ① EXISTING PAVEMENT
- ② TEMPORARY PAVEMENT, 10" WITH SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (INCIDENTAL TO TEMPORARY PAVEMENT)
- ③ PROPOSED PAVEMENT
- ④ TEMPORARY PAVEMENT MARKING



END WORK ZONE SPEED LIMIT

G20-I103(O)-3660



TYPE III TEMPORARY PAVEMENT MARKING TAPE LINE, 4" (TYP.), WHITE

TYPE III TEMPORARY PAVEMENT MARKING TAPE LINE 6", DASHED WHITE (TYP.) ENTRANCE CLOSED UNTIL STAGE IV

TYPE III TEMPORARY PAVEMENT MARKING TAPE LINE 6", WHITE (TYP.)

TYPE III TEMPORARY PAVEMENT MARKING TAPE LINE 6", DASHED WHITE (TYP.)



246' LT TURN STORAGE

200' TAPER

TEMPORARY PAVEMENT MARKING LINE 12", YELLOW - 25' C.-C.

TEMPORARY PAVEMENT MARKING LINE, 4" (TYP.), YELLOW

TEMPORARY PAVEMENT MARKING LINE, 4" (TYP.), WHITE

VERTICAL PANEL (TYP.)

TEMPORARY PAVEMENT MARKING LINE, 4" YELLOW (2) @ 11" O.C.

LEGEND

- WORK AREA
- SIGN
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- 50' C-C
- ARROW BOARD

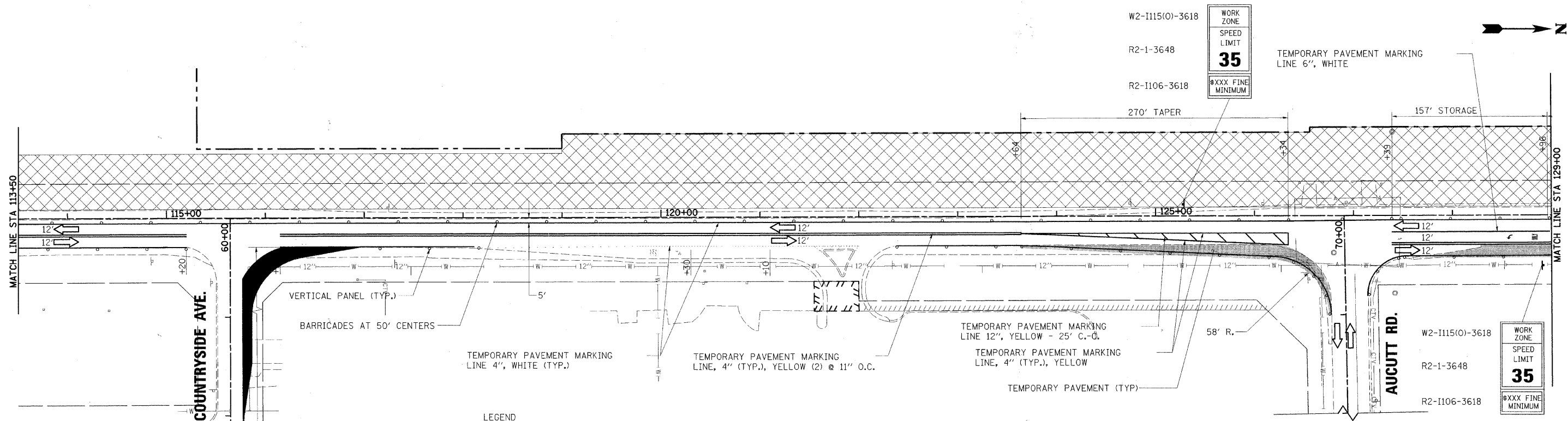
WORK ZONE	W2-I115(O)-3618
SPEED LIMIT	R2-1-3648
BEGINS	W2-I113(O)-3612
MINIMUM	R2-I106-3618

* SEE STATE STANDARD 701606-07
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

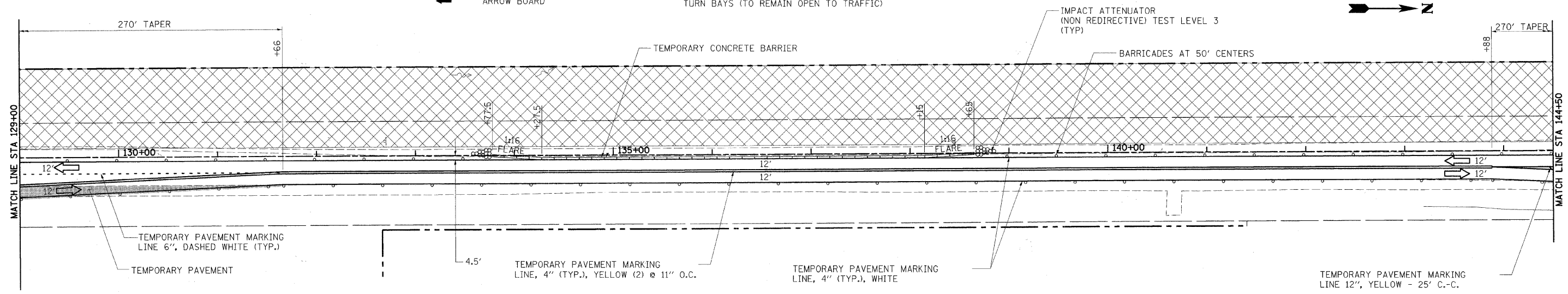
NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	26
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



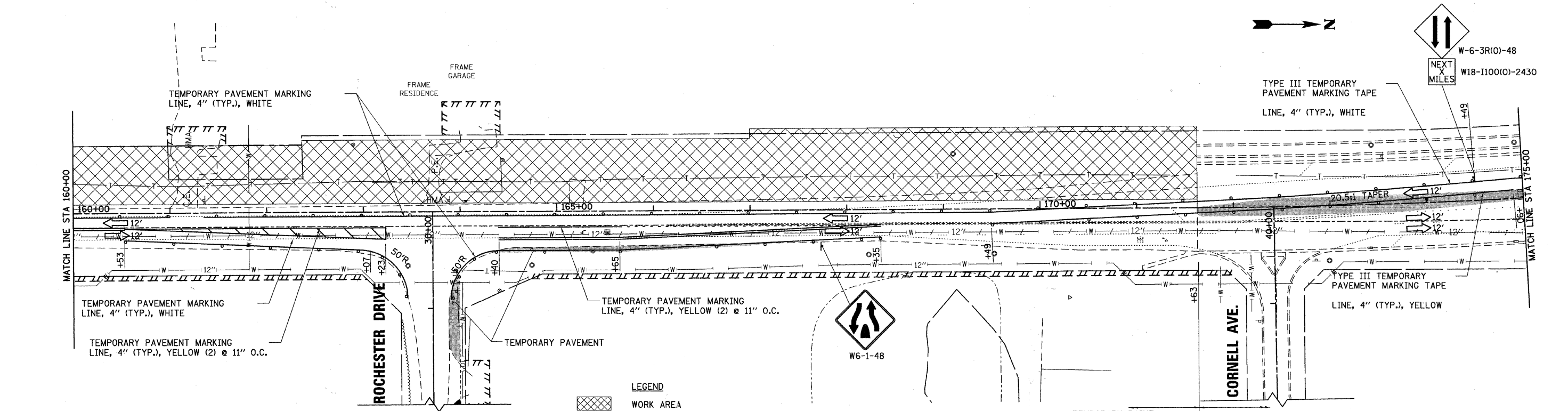
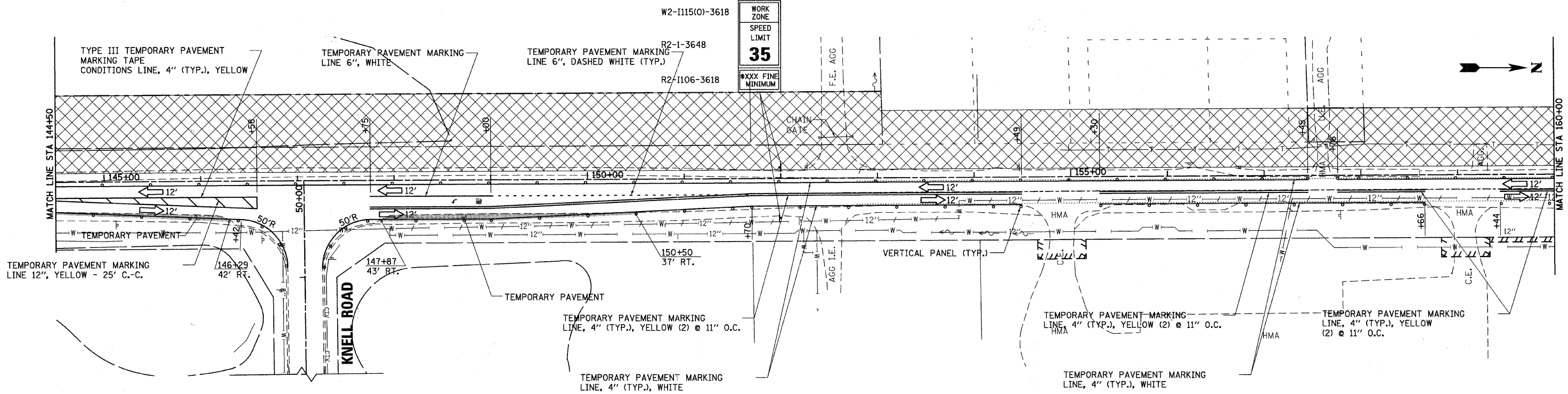
- LEGEND**
- WORK AREA
 - SIGN
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
 - ARROW BOARD
- * SEE STATE STANDARD 701606-07
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

DESIGNED - MK	REVISIONS
DRAWN - DW	REVISIONS
CHECKED - MH	REVISIONS
DATE - 12/20/2010	REVISIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	27
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



- LEGEND**
- WORK AREA
 - SIGN
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - 50' C-C
 - ARROW BOARD

* SEE STATE STANDARD 701606-07
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

rjngroup
 Excellence through Ownership

200 West Front Street
 Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

MAINTENANCE OF TRAFFIC
STAGE II
 SCALE: 1" = 50' SHEET NO. 9 OF 26 SHEETS STA. 144+50.00 TO STA. 175+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	28
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

43,999 / IN.
 dhadan
 1/20/2011
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TYPE III TEMPORARY PAVEMENT MARKING TAPE LINE, 4" (TYP.), WHITE

W2-1115(O)-3618
R2-1-3648
W2-1113(O)-3612
R2-1106-3618

WORK ZONE
SPEED LIMIT
35
BEGINS
*** FINE MINIMUM

TYPE III TEMPORARY PAVEMENT MARKING TAPE LINE, 4" (TYP.), WHITE

SPEED ZONE AHEAD
W3-5(O)
48X48

** R3-1100R-2424
M6-2R21-2115
RIGHT TURN LANE

** R3-1100L-2424
M6-2L21-2115
LEFT TURN LANE

TYPE III TEMPORARY PAVEMENT MARKING TAPE LINE, 4" (TYP.), WHITE

END WORK ZONE SPEED LIMIT
G20-1103(O)-3660

- LEGEND**
- WORK AREA
 - SIGN
 - * TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - o 50' C-C
 - ARROW BOARD
 - * SEE STATE STANDARD 701606-07
 - ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

TYPE III TEMPORARY PAVEMENT MARKING TAPE LINE, 4" (TYP.), WHITE

WORKERS
W21-1101(O)-48
OR
W21-1110(O)-48

RIGHT LANE CLOSED AHEAD
W20-5R(O)-48

ROAD CONSTRUCTION AHEAD
W20-1103(O)-48

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

48-9999 / IN.
48-9999
12/17/2018
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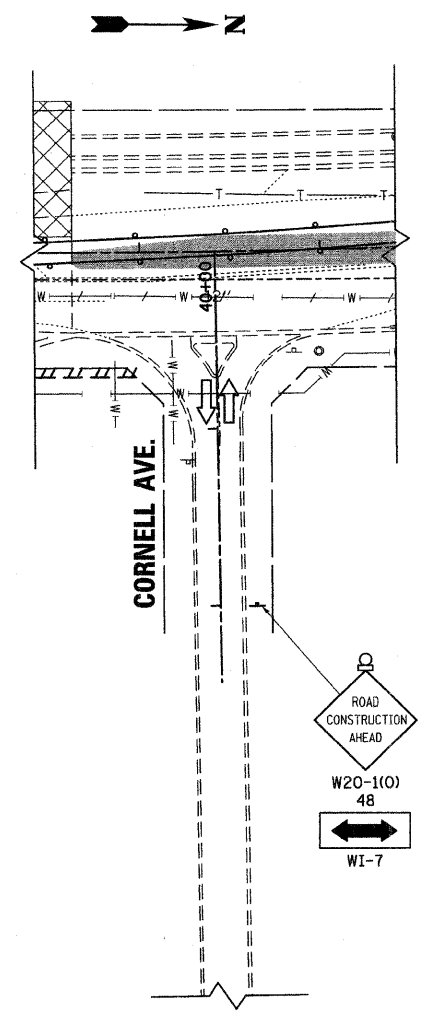
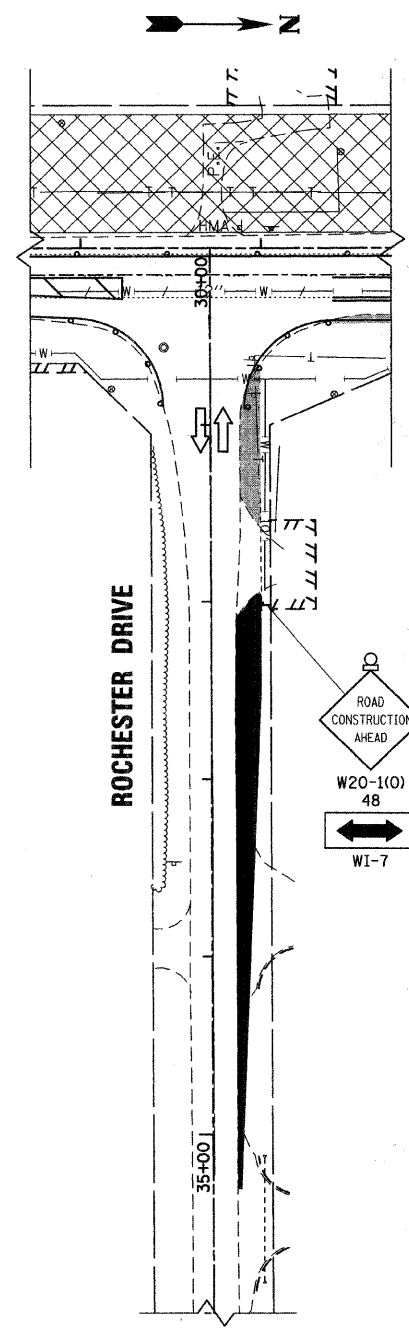
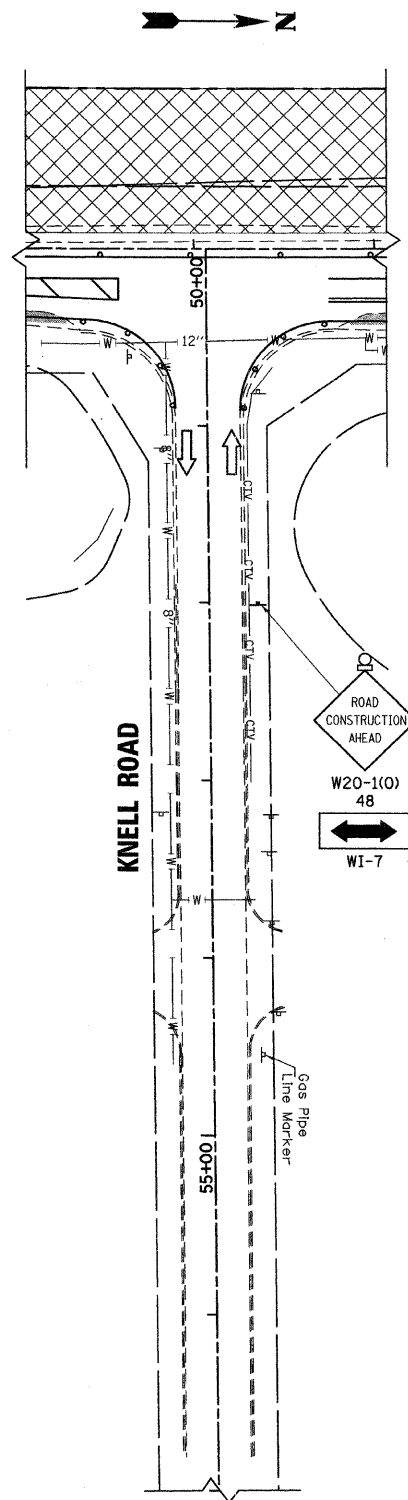
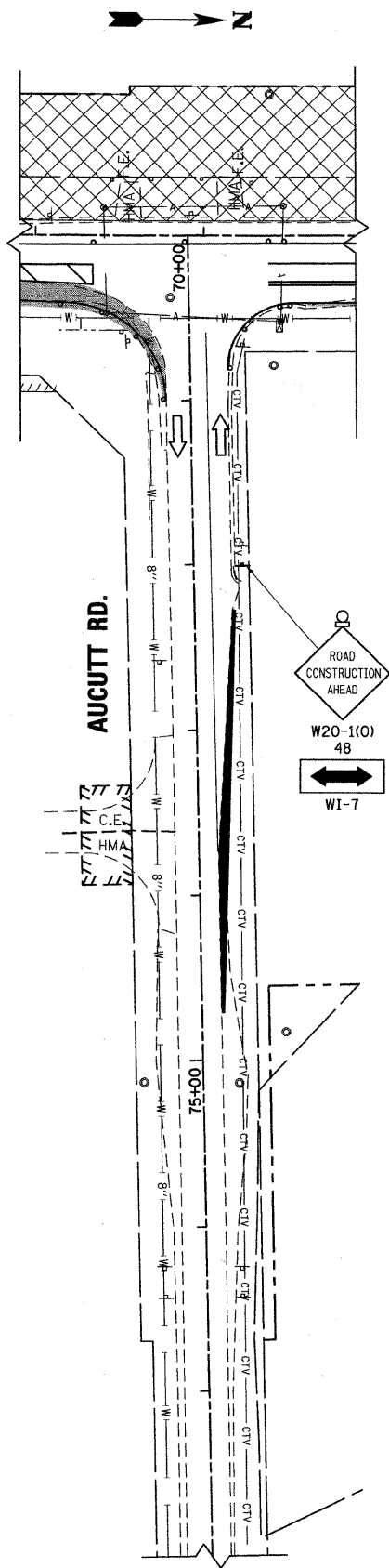
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**MAINTENANCE OF TRAFFIC
STAGE II**

SCALE: 1" = 50' SHEET NO. 10 OF 26 SHEETS STA. 175+00.00 TO STA. 192+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	29
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



- LEGEND**
- TYPE I BARRICADE OR DRUM W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ➔ LANE OF TRAFFIC
 - ⌊ TYPE III BARRICADE W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ⌋ SIGN
 - ▨ WORK AREA
 - TEMPORARY PAVEMENT

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

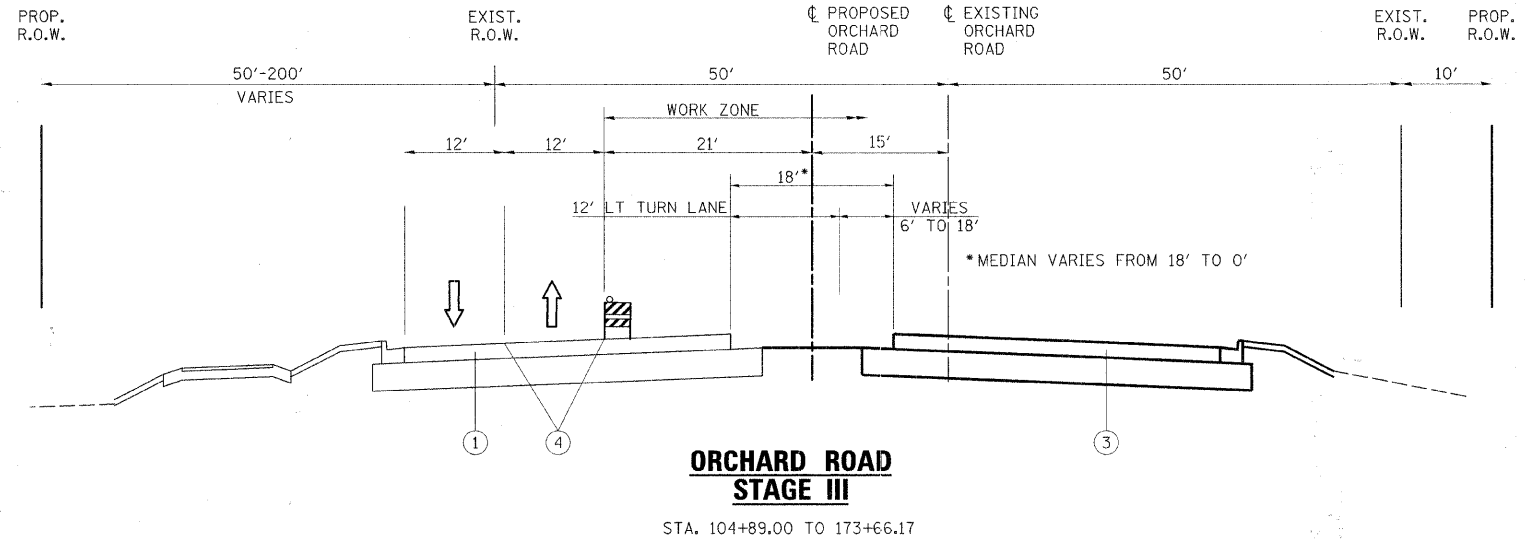
485999 / IN.
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DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

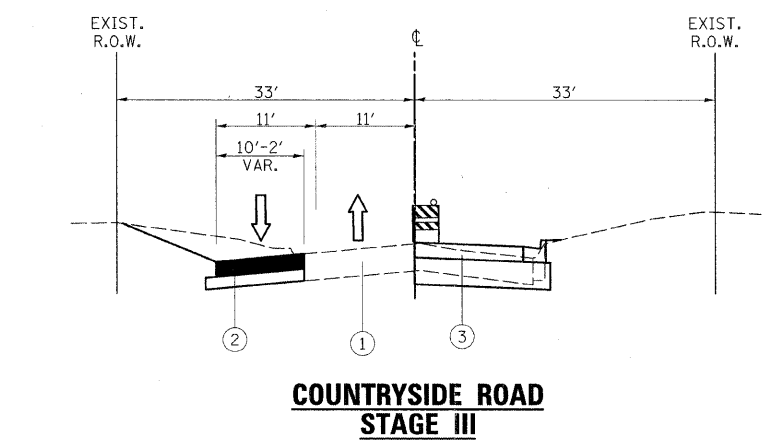
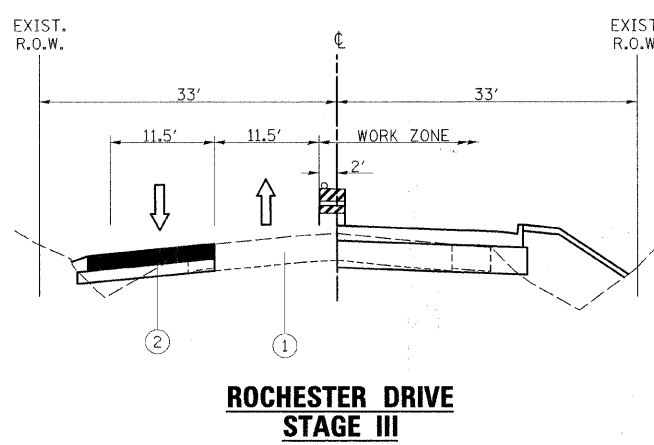
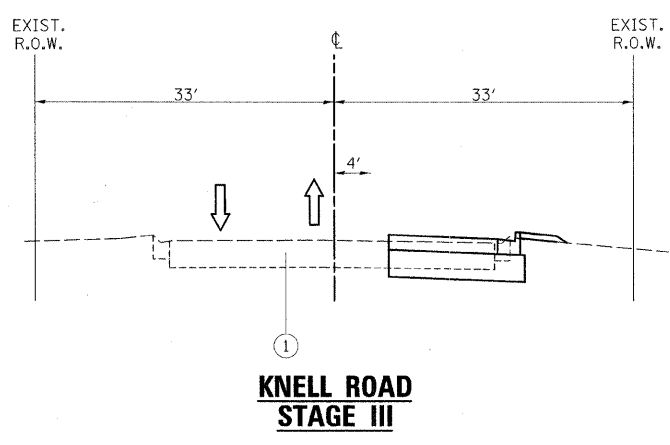
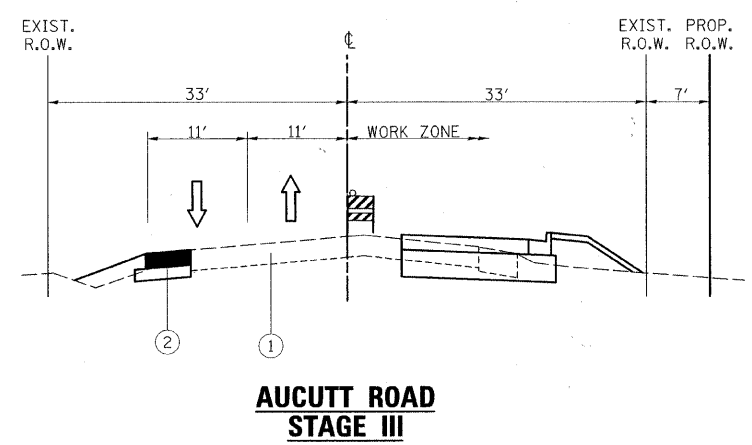
KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

MAINTENANCE OF TRAFFIC	
STAGE II	
SCALE: 1" = 50'	SHEET NO. 11 OF 26 SHEETS
STA.	TO STA.

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 30
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① EXISTING PAVEMENT
 - ② TEMPORARY PAVEMENT, 10" WITH SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (INCEDENTAL TO TEMPORARY PAVEMENT)
 - ③ PROPOSED PAVEMENT
 - ④ TEMPORARY PAVEMENT MARKING



PROJECT CONSTRUCTION STAGE III

TRAFFIC MAINTENANCE:

ORCHARD ROAD - TRAFFIC SHALL BE MAINTAINED ON THE NEW ORCHARD ROAD PAVEMENT BUILT IN STAGE II WITH ONE LANE OF TRAFFIC IN EACH DIRECTION. SOUTHBOUND LEFT TURN LANES SHALL BE PROVIDED AT AUCUTT ROAD, KNELL ROAD AND JERICO ROAD. TRAFFIC CONTROL SHALL BE INSTALLED AS DETAILED IN THESE PLANS.

SIDE STREETS - TRAFFIC SHALL BE MAINTAINED ON THE EXISTING AND TEMPORARY SIDE STREET PAVEMENT WITH ONE LANE OF TRAFFIC IN EACH DIRECTION. TRAFFIC CONTROL SHALL BE INSTALLED AS DETAILED IN THESE PLANS

THE FOLLOWING WORK ITEMS ARE TO BE COMPLETED DURING STAGE III:

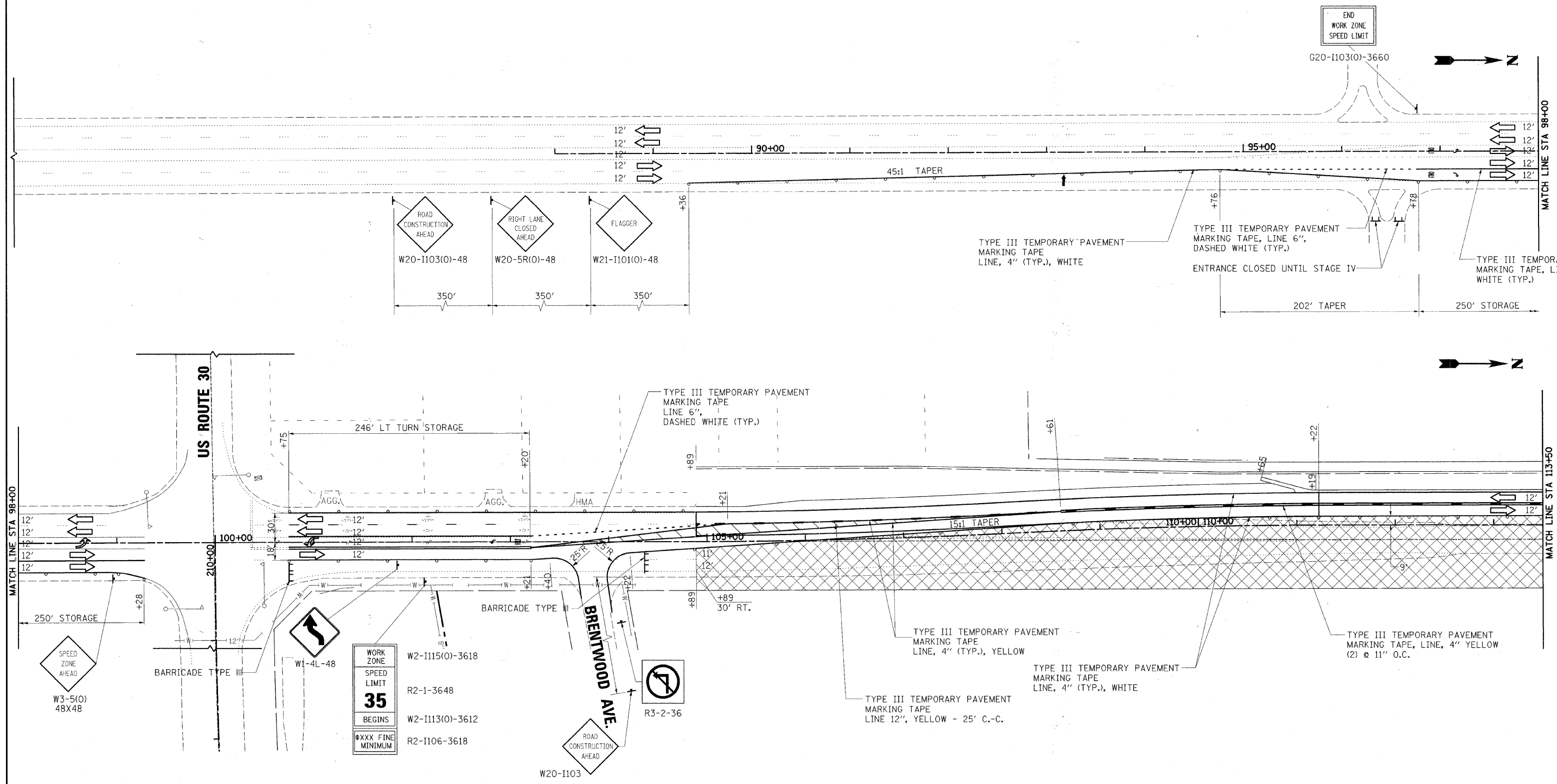
- TRAFFIC CONTROL ITEMS, TEMPORARY PAVEMENT MARKING AND OTHER TRAFFIC CONTROL DEVICES SHALL BE INSTALLED THROUGHOUT THE CONSTRUCTION AREA PRIOR TO WORK COMMENCING.
- GRADING AND EMBANKMENT CONSTRUCTION SHALL BE COMPLETED FOR THE NORTHBOUND LANES.
- CONSTRUCTION OF 4 CELL BOX CULVERT SHALL BE COMPLETED AS SHOWN IN THE PLANS.
- STORM SEWER LATERALS SHALL BE EXTENDED FOR NORTHBOUND LANES.
- CONSTRUCT NORTHBOUND PAVEMENT LANES AND OUTSIDE CURB AND GUTTER.
- CONSTRUCT SOUTHERN PORTION OF SIDE STREETS CONCRETE PAVEMENT AS SHOWN IN THESE PLANS
- INSTALL PERMANENT TRAFFIC SIGNALS AND LIGHTING FOUNDATIONS ALONG NORTHBOUND PAVEMENTS
- COMPLETE FINAL RESTORATION OF EAST EMBANKMENT SLOPES

ALL TEMPORARY PAVEMENT MARKING, ON FINAL PAVEMENT SURFACES, SHALL BE PAVEMENT MARKING TAPE, TYPE III UNLESS NOTED OTHERWISE

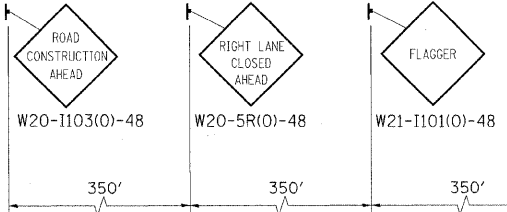
SEE STAGE IV TYPICAL SECTIONS AND NOTES FOR ADDITIONAL MAINTENANCE OF TRAFFIC NOTES.

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

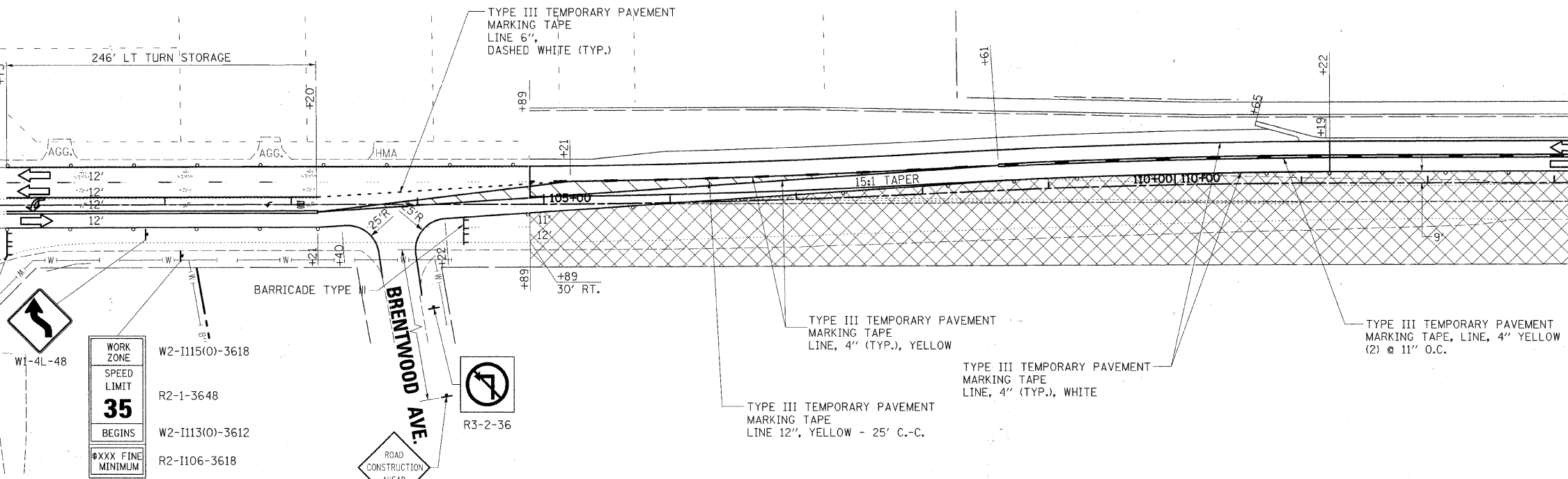
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	31
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



END WORK ZONE SPEED LIMIT
G20-1103(O)-3660



TYPE III TEMPORARY PAVEMENT MARKING TAPE LINE, 4" (TYP.), WHITE
 TYPE III TEMPORARY PAVEMENT MARKING TAPE, LINE 6", DASHED WHITE (TYP.)
 ENTRANCE CLOSED UNTIL STAGE IV
 TYPE III TEMPORARY PAVEMENT MARKING TAPE, LINE 6", WHITE (TYP.)
 202' TAPER
 250' STORAGE



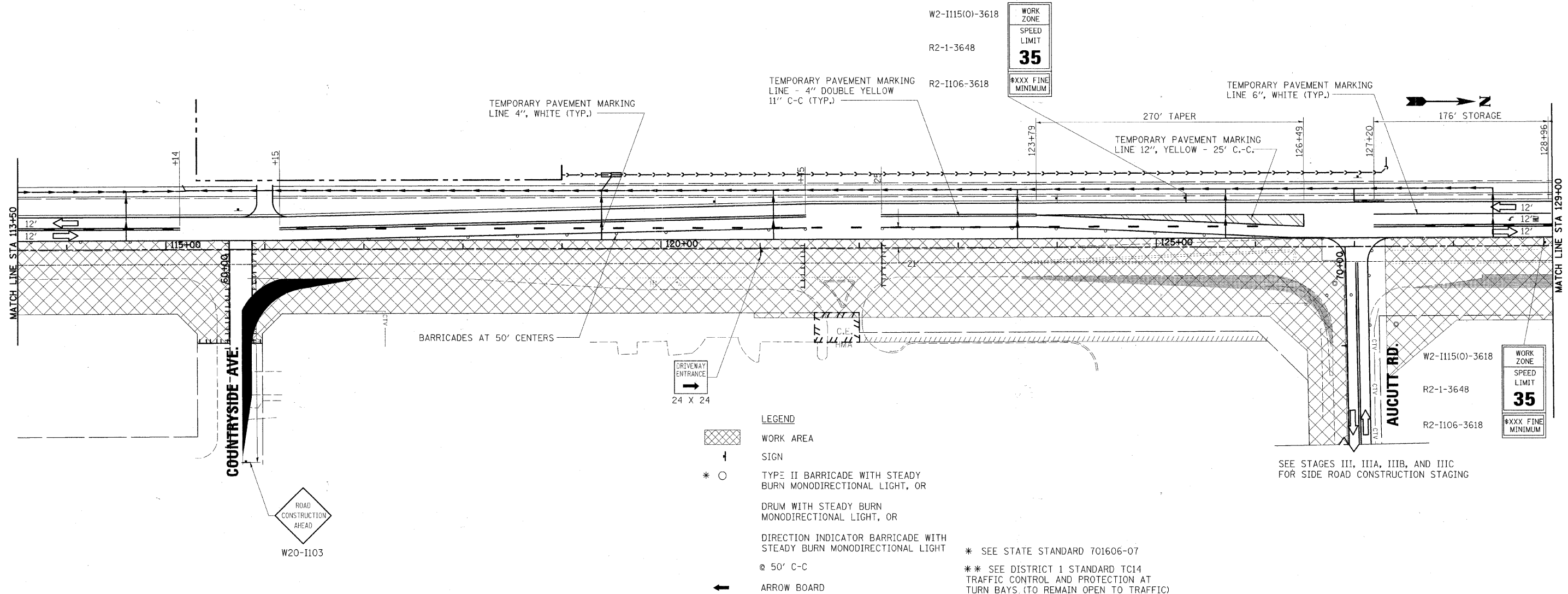
- LEGEND**
- WORK AREA
 - SIGN
 - * TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C
 - ARROW BOARD

* SEE STATE STANDARD 701606-07
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

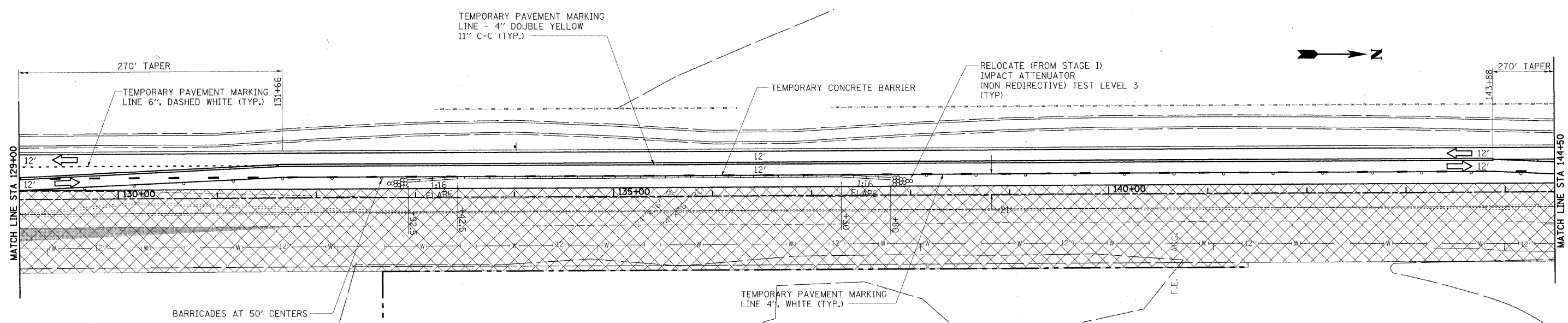
NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 32
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



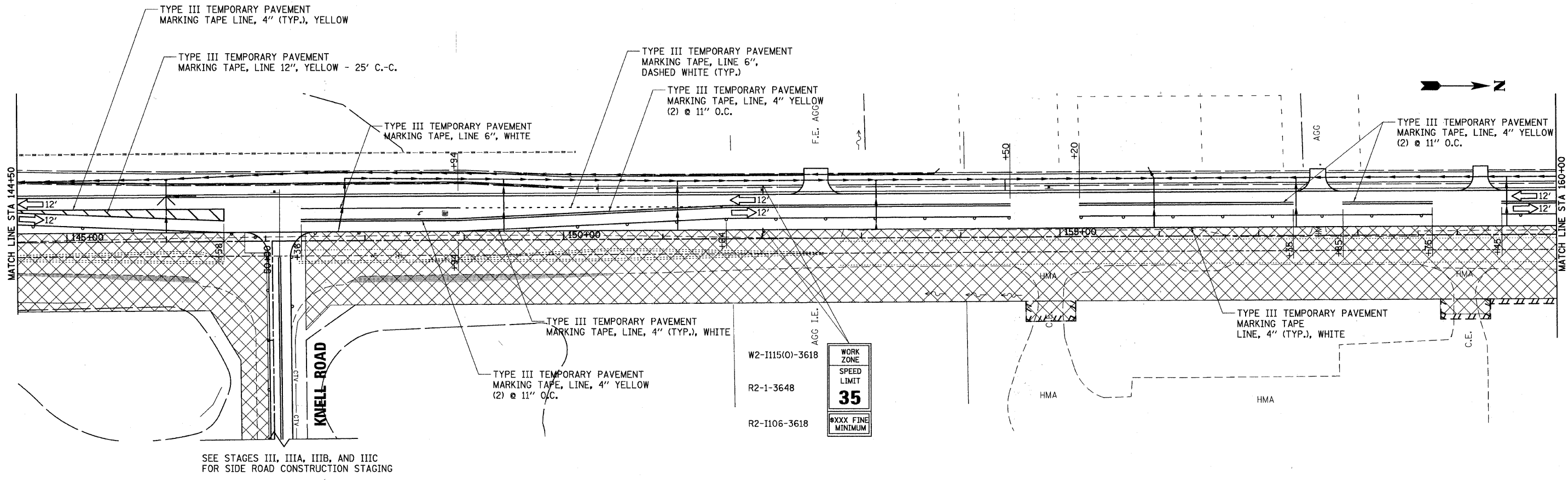
- LEGEND**
- WORK AREA
 - SIGN
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR
DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR
DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
@ 50' C-C
 - ARROW BOARD
- * SEE STATE STANDARD 701606-07
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



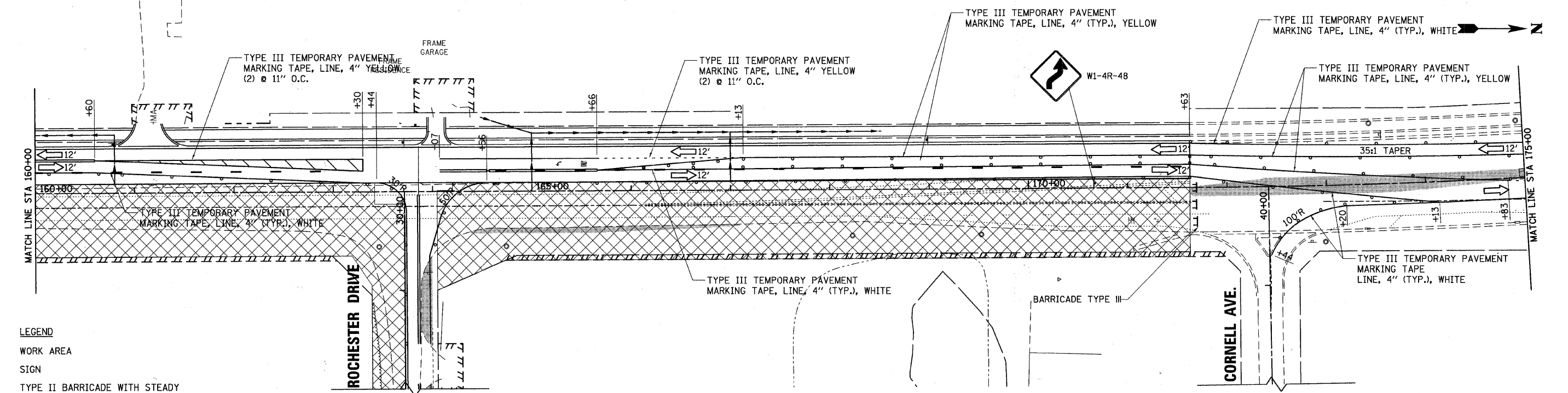
NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 33
CONTRACT NO. 63541				



SEE STAGES III, IIIA, IIIB, AND IIIC FOR SIDE ROAD CONSTRUCTION STAGING



SEE STAGES III, IIIA, IIIB, AND IIIC FOR SIDE ROAD CONSTRUCTION STAGING

LEGEND

- WORK AREA
- SIGN
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- @ 50' C-C
- ARROW BOARD

- * SEE STATE STANDARD 701606-07
- ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

48,999 1/ IN.



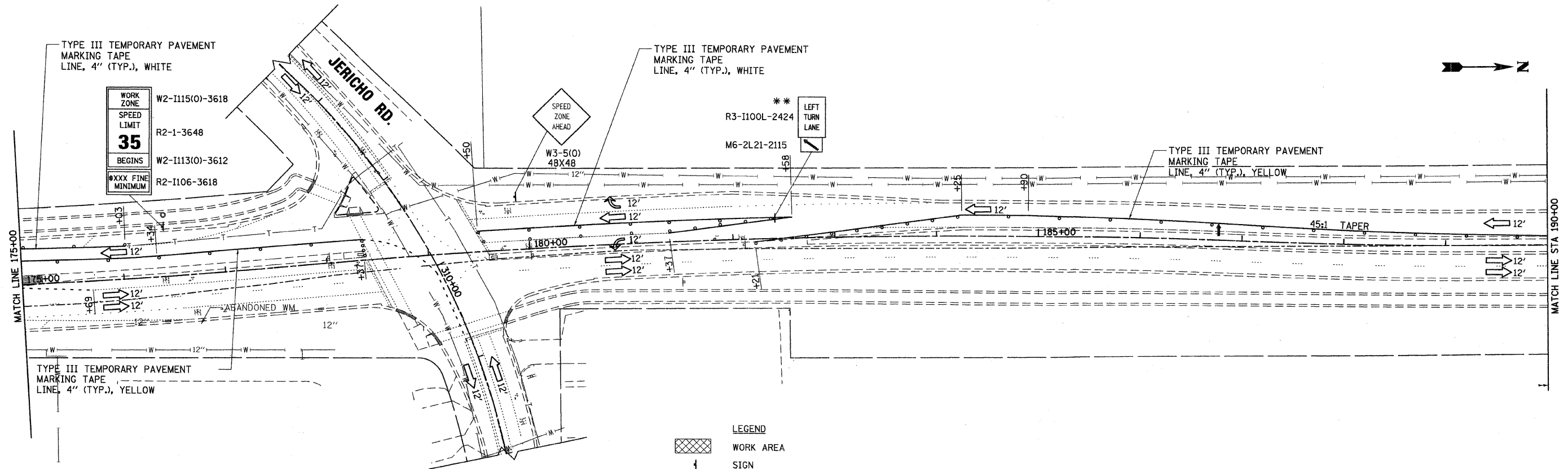
200 West Front Street
Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

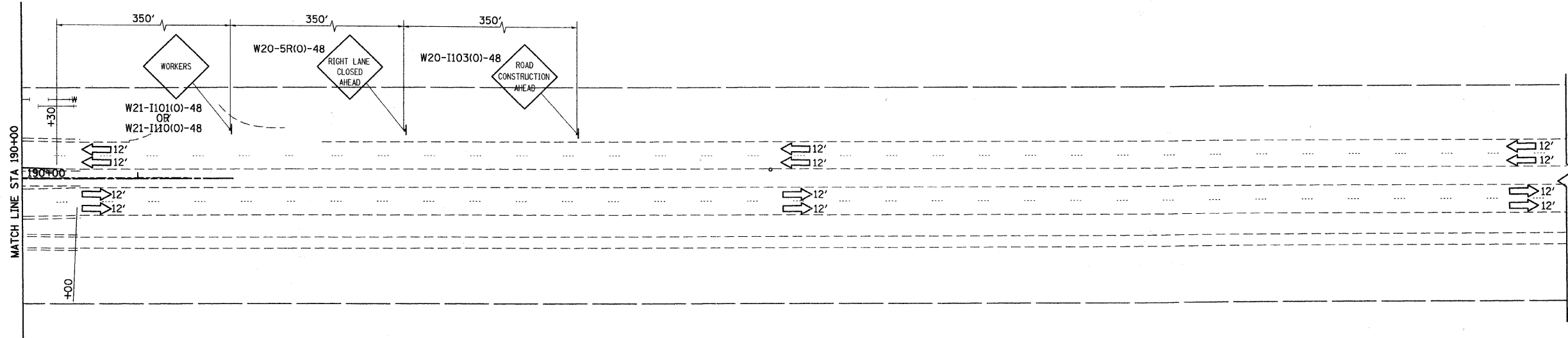
**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

SCALE: 1" = 50'
SHEET NO. 15 OF 26 SHEETS
STA. 144+50.00 TO STA. 175+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	34
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



- LEGEND**
- WORK AREA
 - SIGN
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - @ 50' C-C
 - ARROW BOARD
- * SEE STATE STANDARD 701606-07
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

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 12/17/2010
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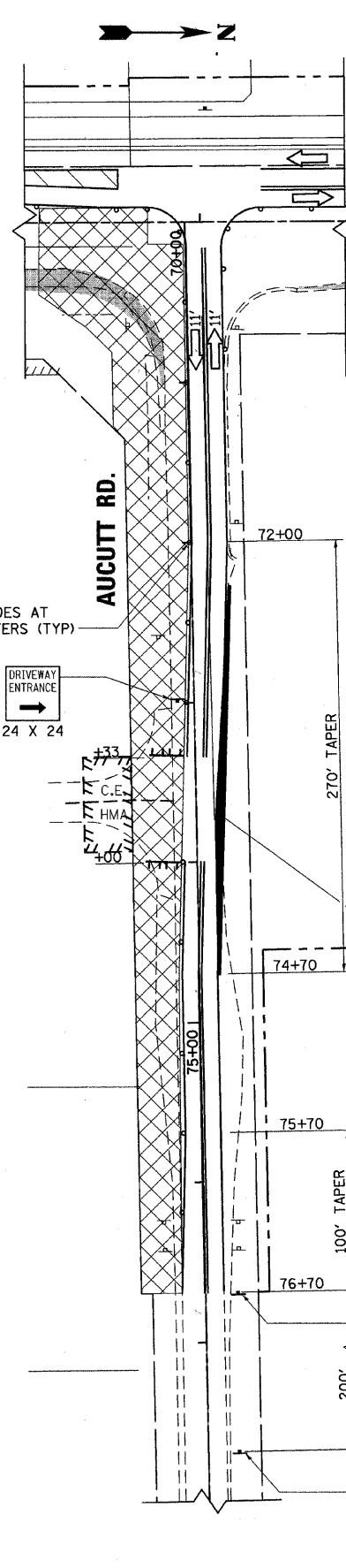
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION**

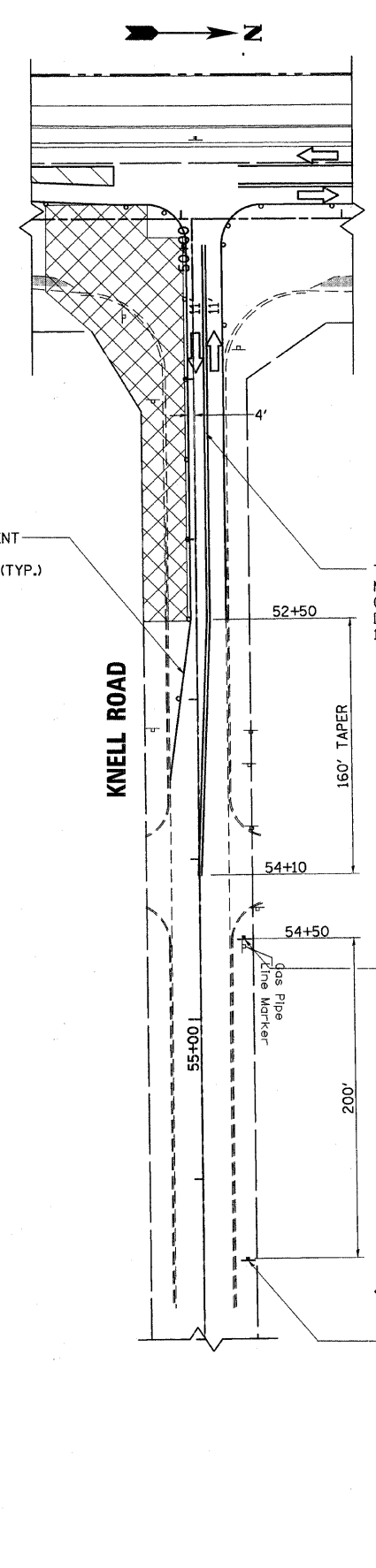
**MAINTENANCE OF TRAFFIC
 STAGE III**

SCALE: 1" = 50' SHEET NO. 16 OF 26 SHEETS STA. 175+00.00 TO STA. 192+00.00

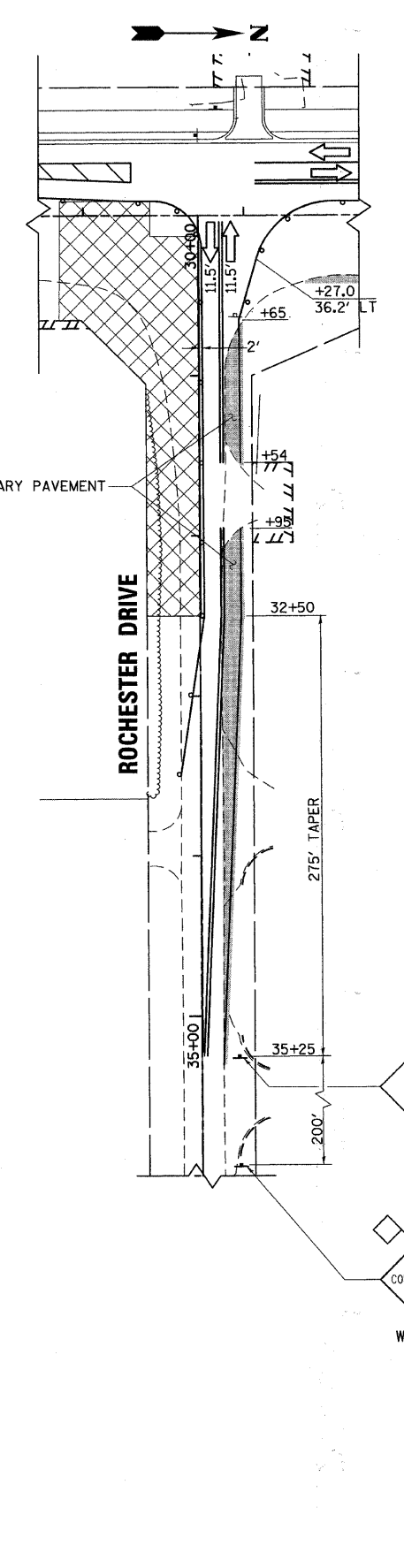
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	35
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



TYPE III TEMPORARY PAVEMENT MARKING TAPE CONDITIONS LINE 4", WHITE (TYP.)

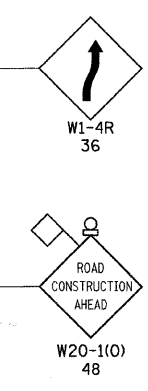
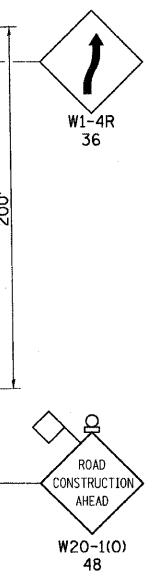
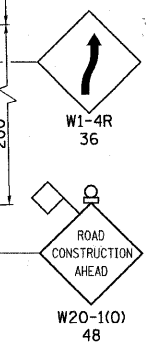


TYPE III TEMPORARY PAVEMENT MARKING TAPE CONDITIONS LINE - 4" DOUBLE YELLOW 11" C-C (TYP.)



- LEGEND**
- TYPE I BARRICADE OR DRUM W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ➔ LANE OF TRAFFIC
 - ⊥ TYPE III BARRICADE W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ⊥ SIGN
 - ▨ WORK AREA
 - TEMPORARY PAVEMENT

- NOTES:**
- ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.
 - SEE SHEETS 37-40 FOR STAGE 3A, 3B AND 3C STAGING APPLICABLE TO SIDE ROADS ONLY.



49 sheets / IN.
 1/28/2011
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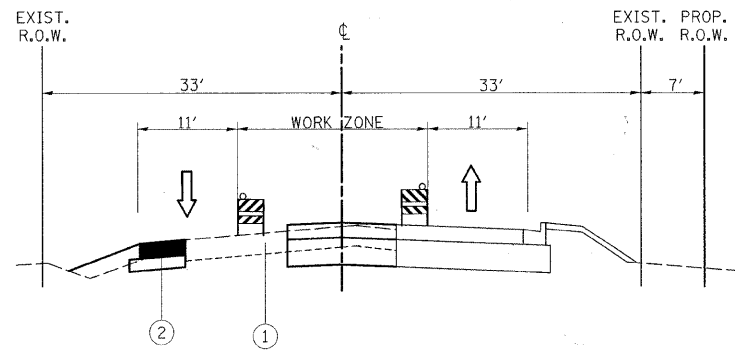
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

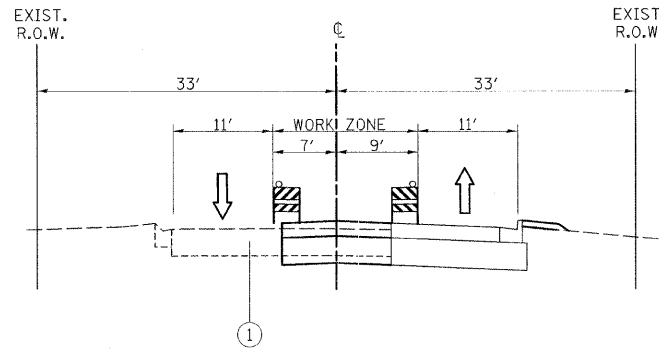
SCALE: 1" = 50'		SHEET NO. 17 OF 26 SHEETS	STA.	TO STA.
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MAINTENANCE OF TRAFFIC
STAGE III

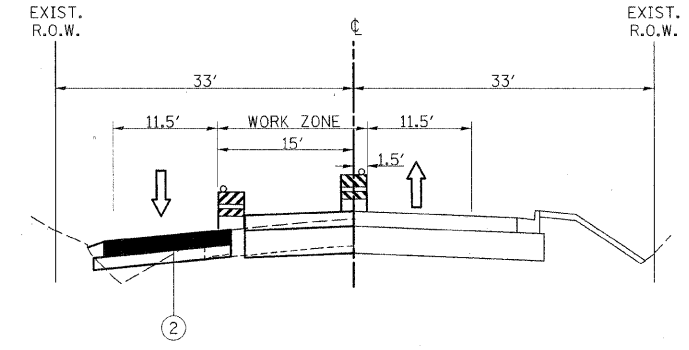
F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 36
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



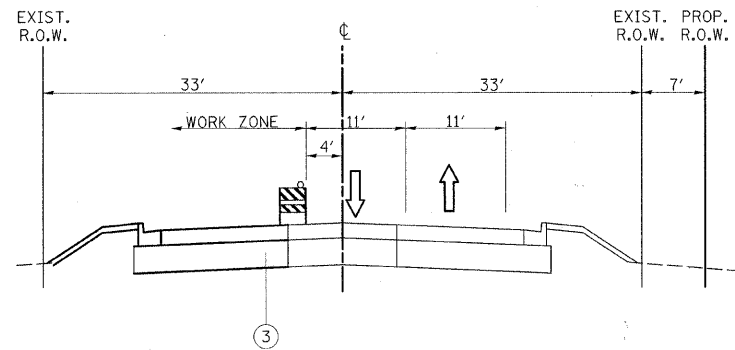
**AUCUTT ROAD
STAGE IIIA**



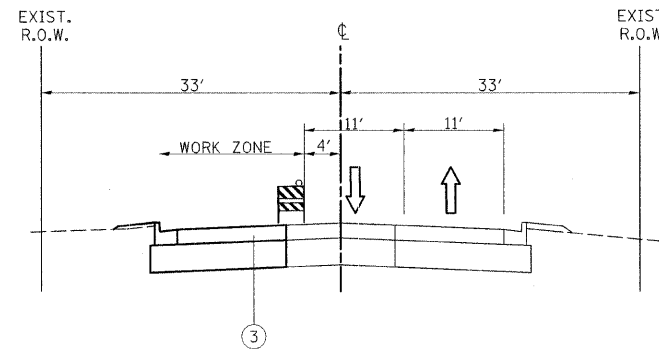
**KNELL ROAD
STAGE IIIA**



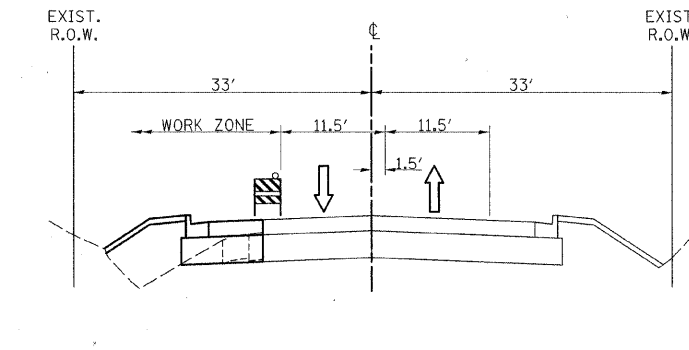
**ROCHESTER DRIVE
STAGE IIIA**



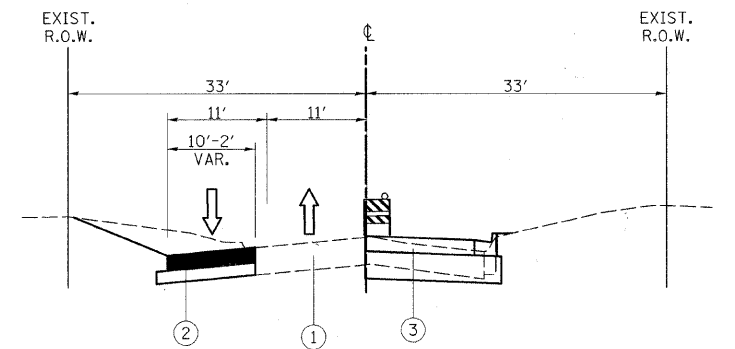
**AUCUTT ROAD
STAGE IIIB**



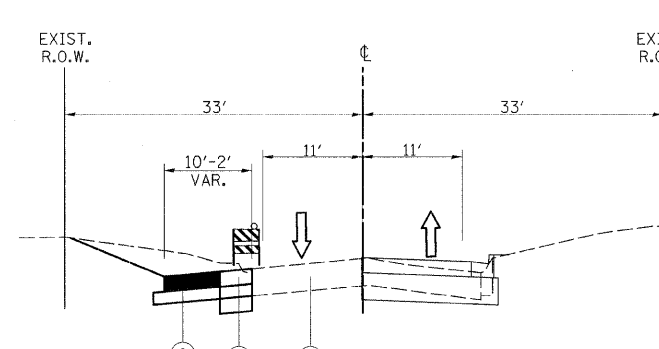
**KNELL ROAD
STAGE IIIB**



**ROCHESTER DRIVE
STAGE IIIB**



**COUNTRYSIDE ROAD
STAGE IIIA**



**COUNTRYSIDE ROAD
STAGE IIIB**

PROJECT CONSTRUCTION STAGE IIIA & IIIB

TRAFFIC MAINTENANCE:

ORCHARD ROAD - TRAFFIC SHALL BE MAINTAINED ON THE ORCHARD ROAD PAVEMENT BUILT IN STAGE II WITH ONE LANE OF TRAFFIC IN EACH DIRECTION. SOUTHBOUND LEFT TURN LANES SHALL BE PROVIDED AT AUCUTT ROAD AND KNELL ROAD. TRAFFIC CONTROL SHALL BE INSTALLED AS DETAILED IN THESE PLANS.

SIDE STREETS - TRAFFIC SHALL BE MAINTAINED ON THE EXISTING AND TEMPORARY SIDE STREET PAVEMENT WITH ONE LANE OF TRAFFIC IN EACH DIRECTION. TRAFFIC CONTROL SHALL BE INSTALLED AS DETAILED IN THESE PLANS

THE FOLLOWING WORK ITEMS ARE TO BE COMPLETED DURING STAGE IIIA:

- TRAFFIC CONTROL ITEMS, TEMPORARY PAVEMENT MARKING AND OTHER TRAFFIC CONTROL DEVICES SHALL BE INSTALLED THROUGHOUT THE CONSTRUCTION AREA PRIOR TO WORK COMMENCING.
- CONSTRUCT CENTER PORTION OF SIDE STREET CONCRETE PAVEMENTS AS SHOWN IN THESE PLANS

ALL TEMPORARY PAVEMENT MARKING, ON FINAL PAVEMENT SURFACES, SHALL BE PAVEMENT MARKING TAPE, TYPE III UNLESS NOTED OTHERWISE

SEE STAGE IV TYPICAL SECTIONS AND NOTES FOR ADDITIONAL MAINTENANCE OF TRAFFIC NOTES.

LEGEND

- ① EXISTING PAVEMENT
- ② TEMPORARY PAVEMENT, 10"
- ③ PROPOSED PAVEMENT
- ④ TEMPORARY PAVEMENT MARKING TAPE
- ⑤ TEMPORARY PAVEMENT RAMP

SCALE: 1" = 50'



200 West Front Street
Wheaton, IL 60187

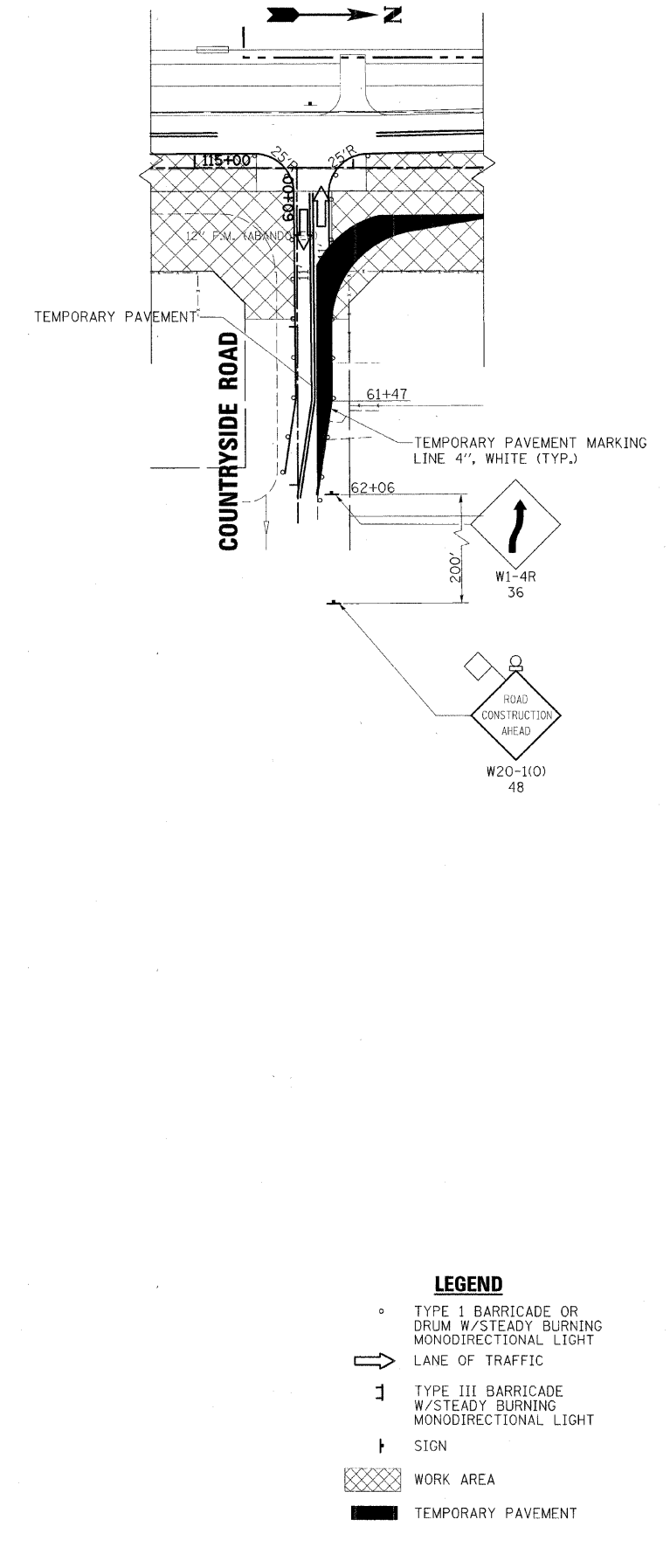
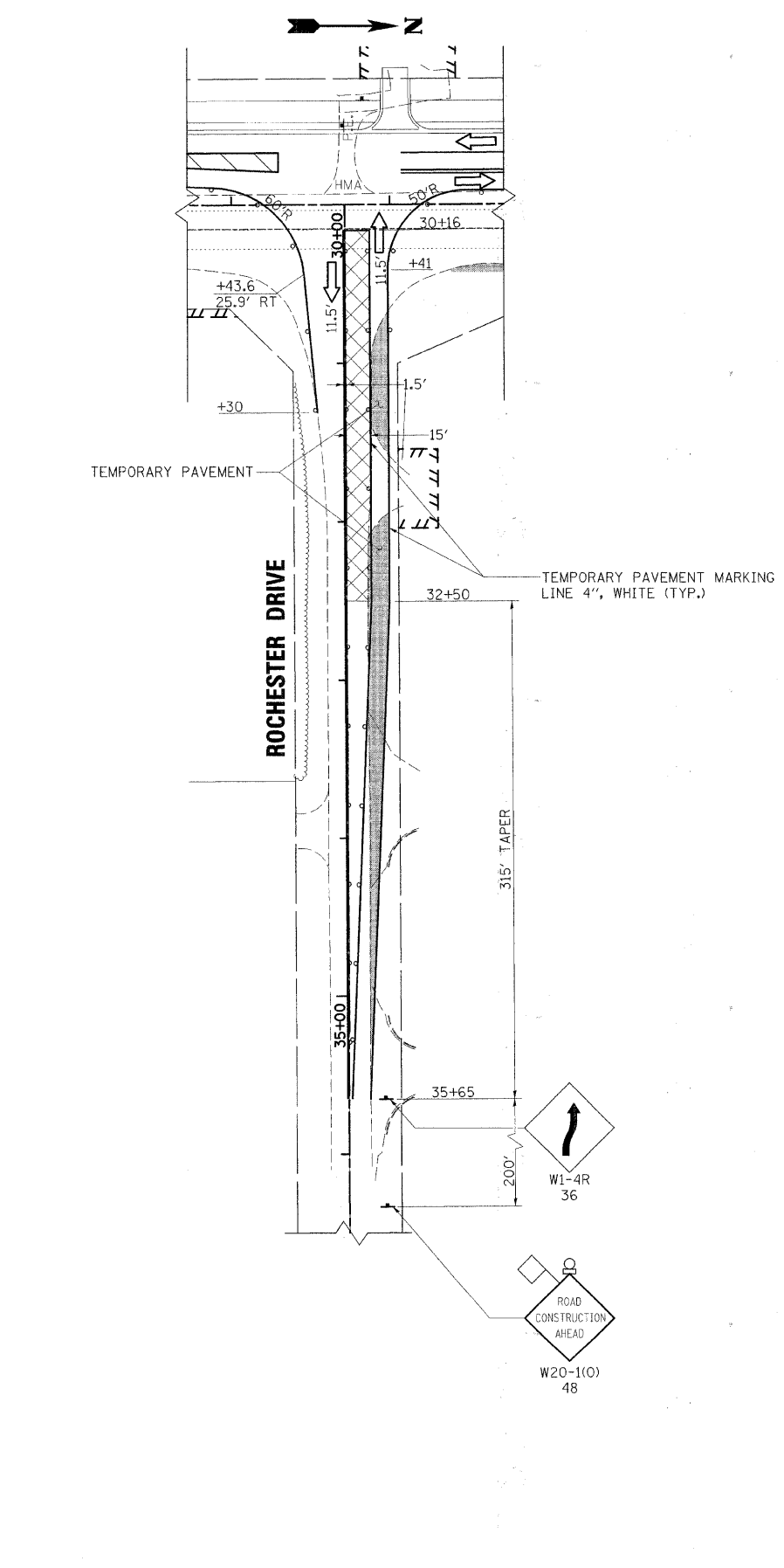
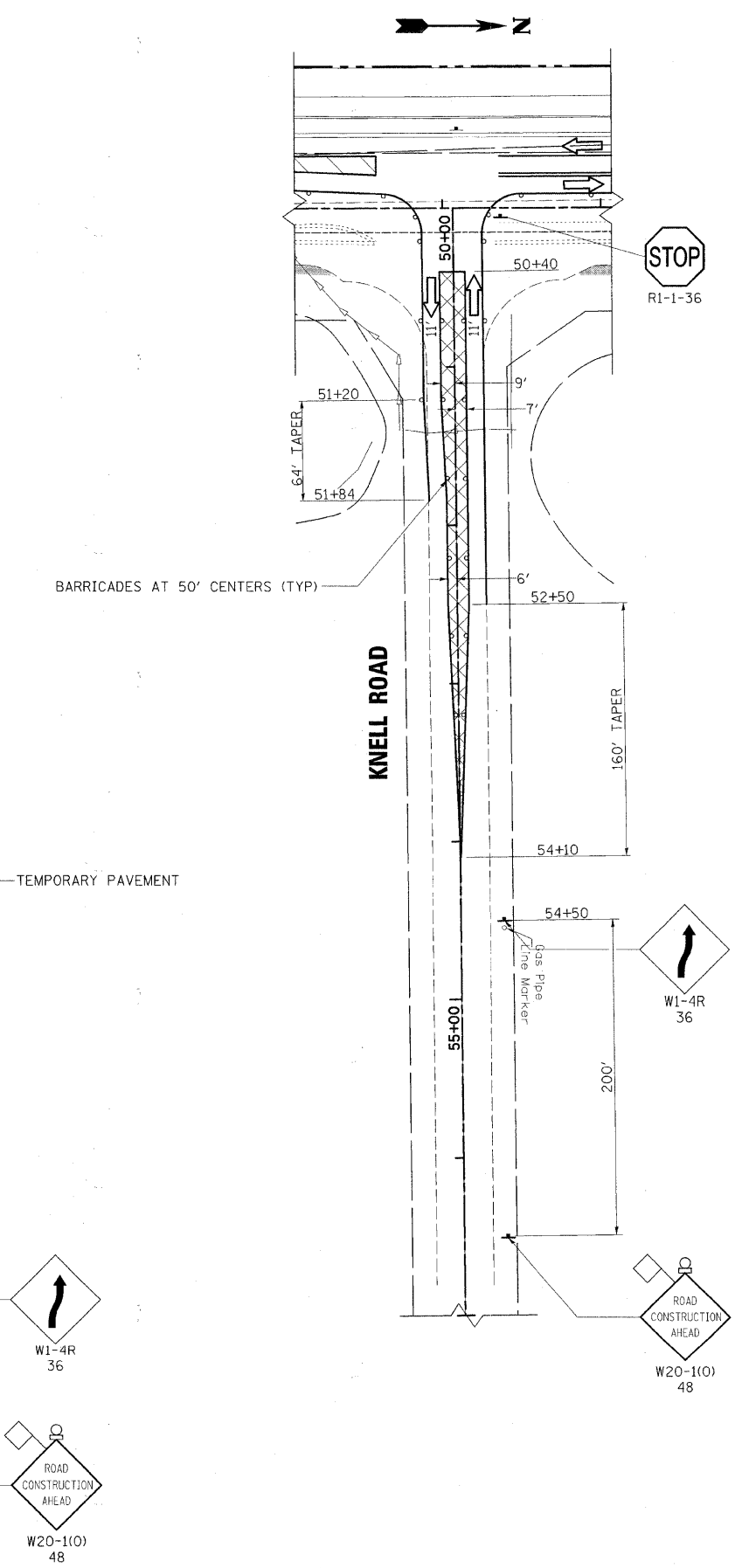
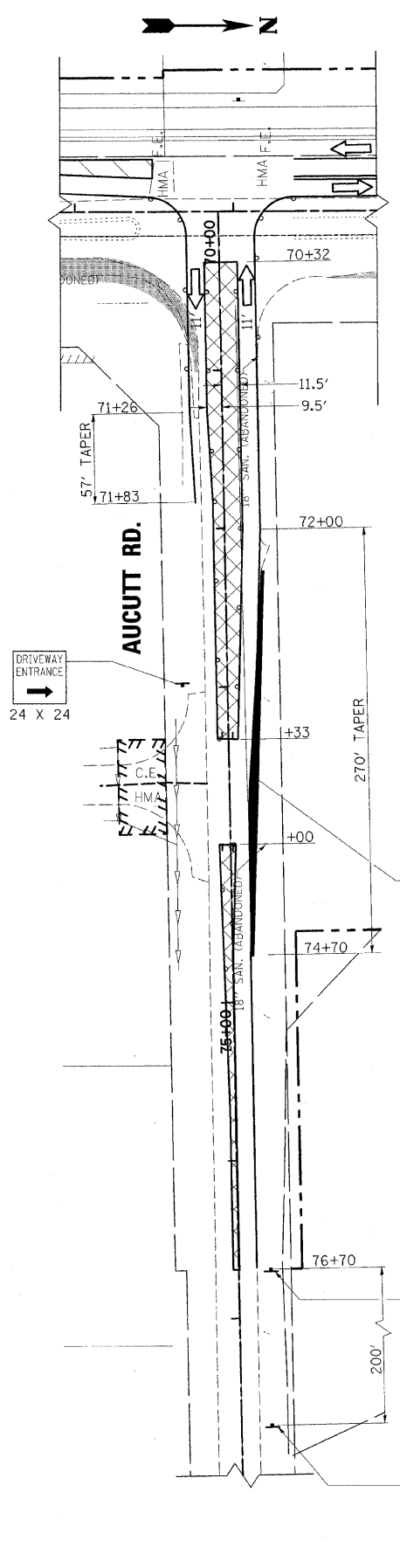
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS AND NOTES
STAGE IIIA & IIIB**

SCALE: 1" = 50' SHEET NO. 18 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	37
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



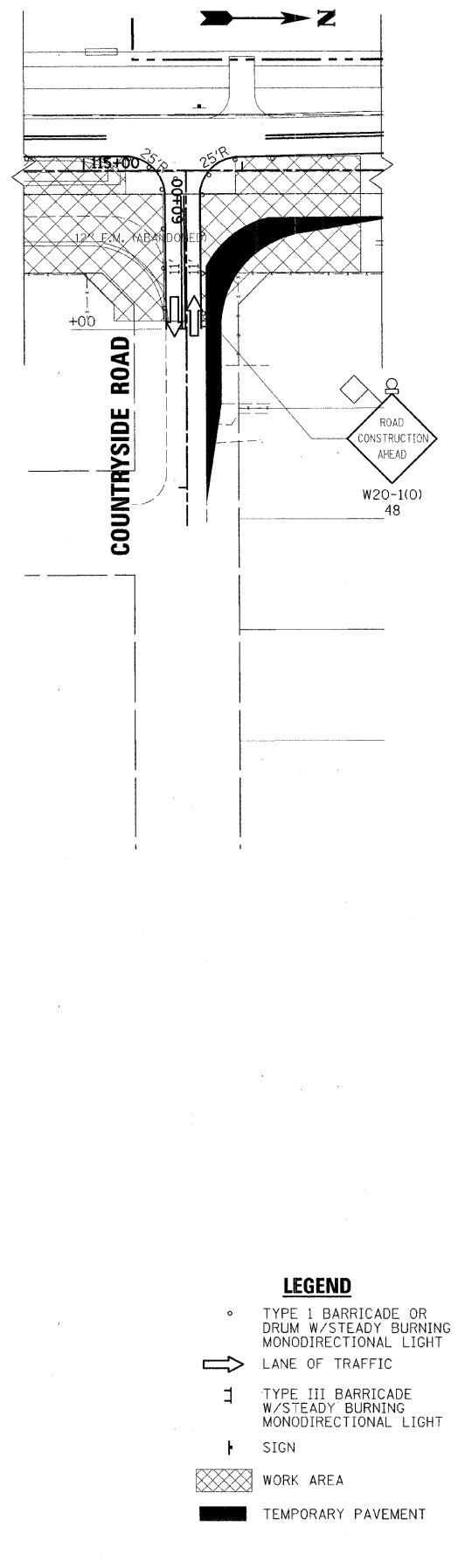
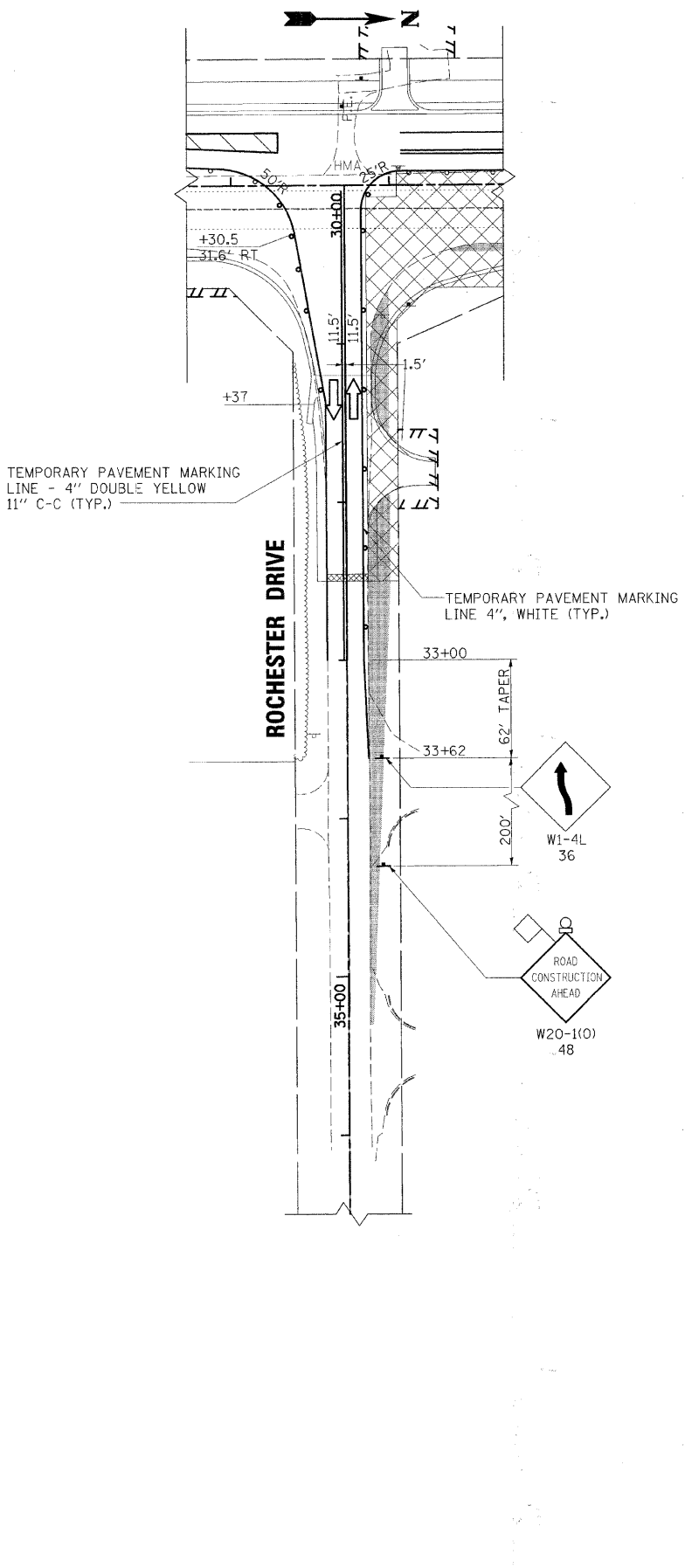
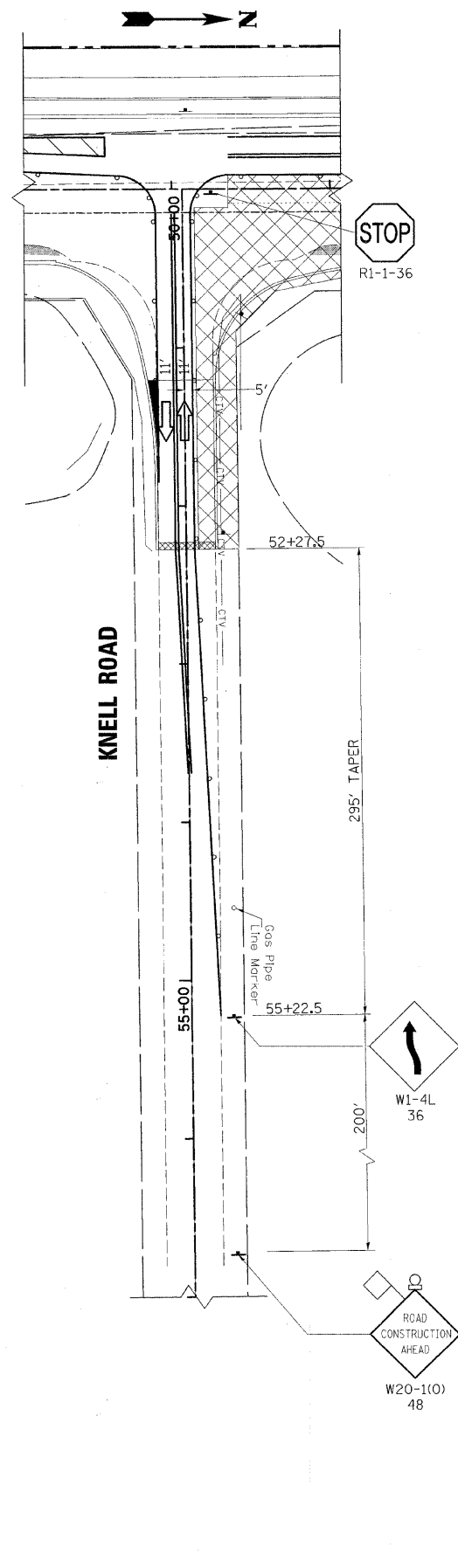
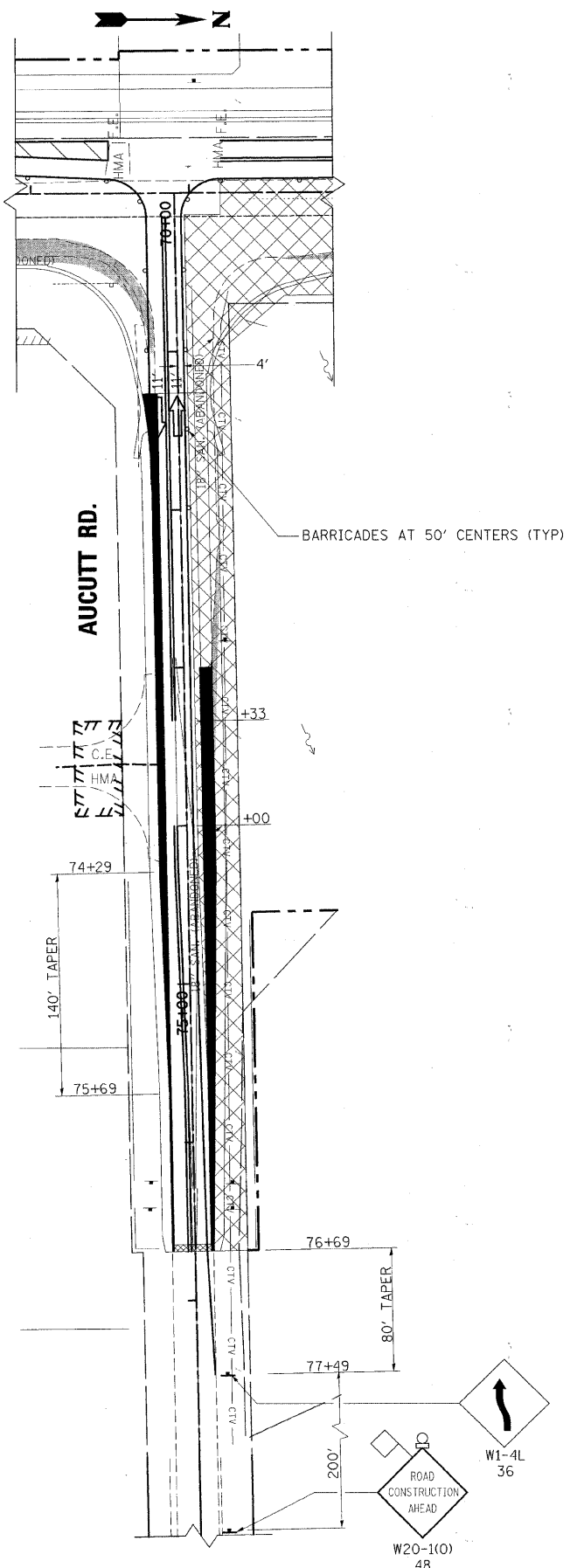
- LEGEND**
- TYPE I BARRICADE OR DRUM W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ➔ LANE OF TRAFFIC
 - ⊥ TYPE III BARRICADE W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ⊥ SIGN
 - ▨ WORK AREA
 - TEMPORARY PAVEMENT

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION**

**MAINTENANCE OF TRAFFIC
 STAGE IIIA**
 SCALE: 1" = 50' SHEET NO. 19 OF 26 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	38
CONTRACT NO. 63541				

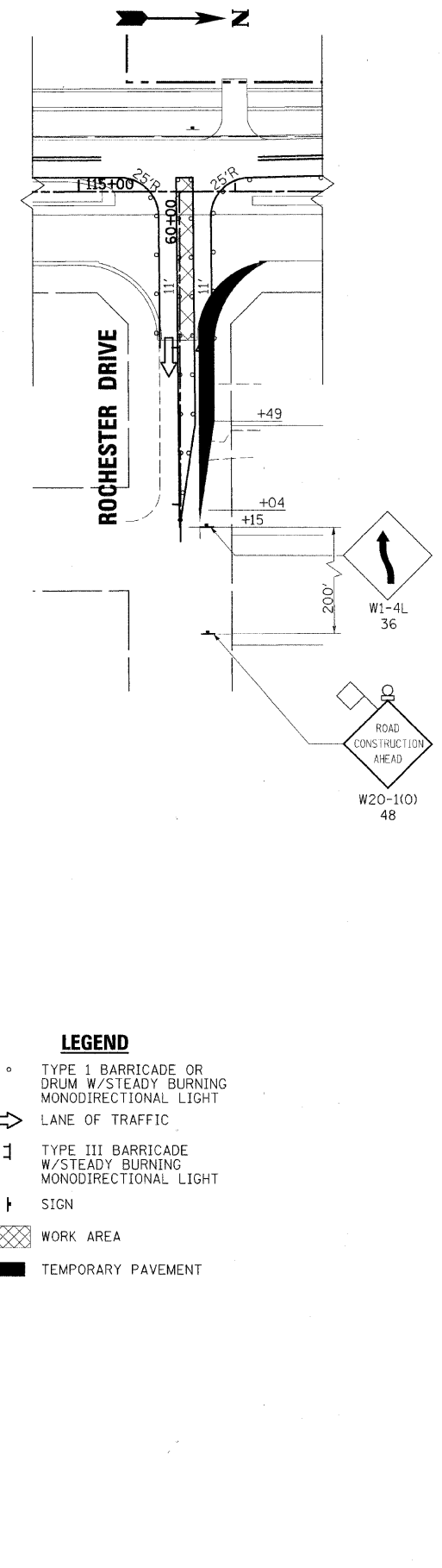
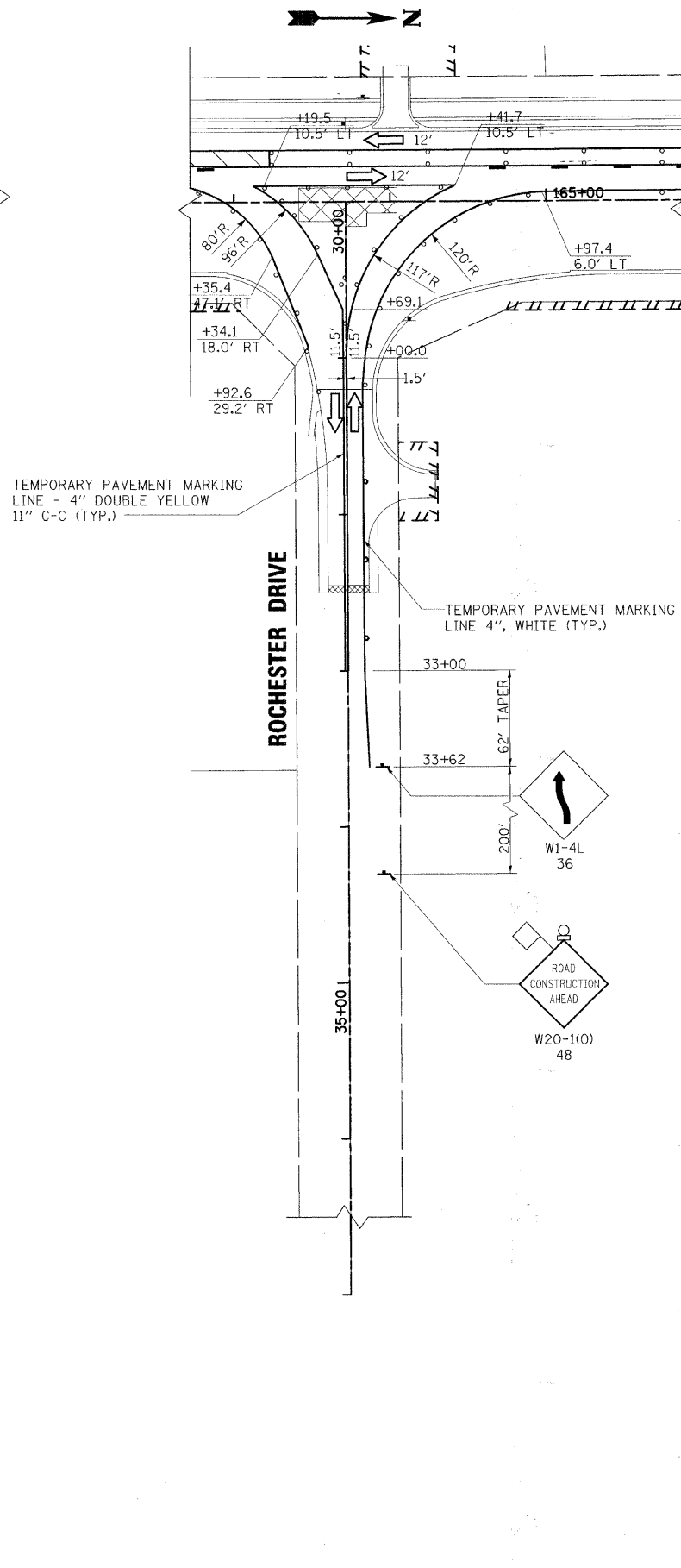
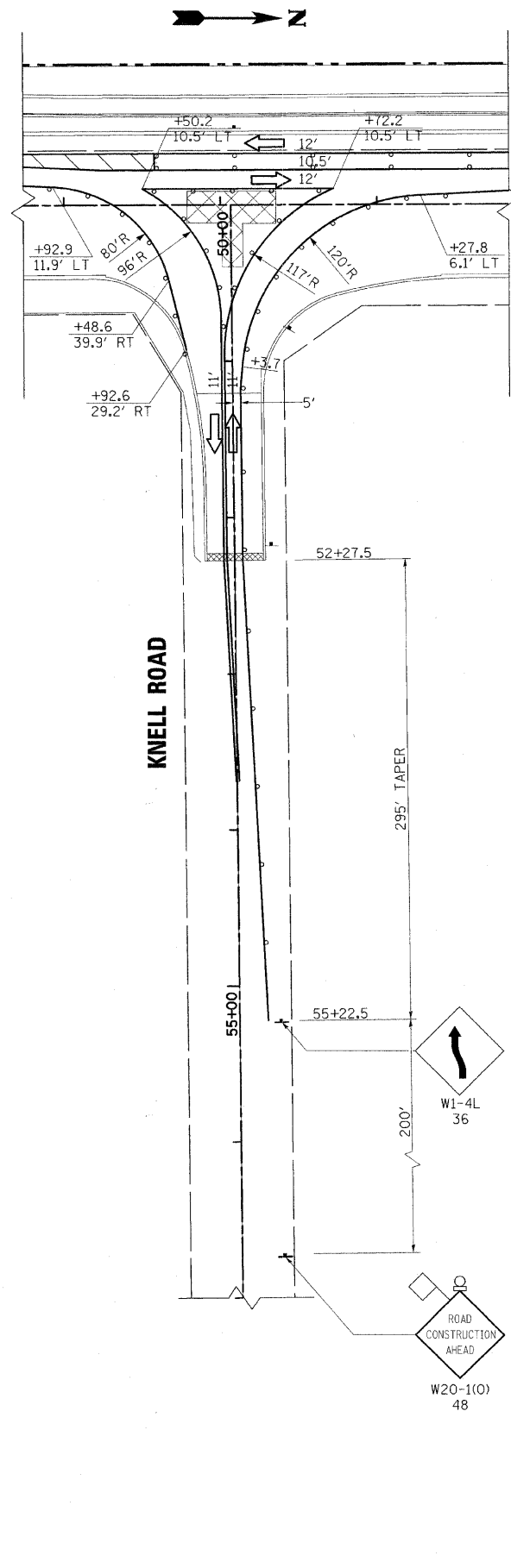
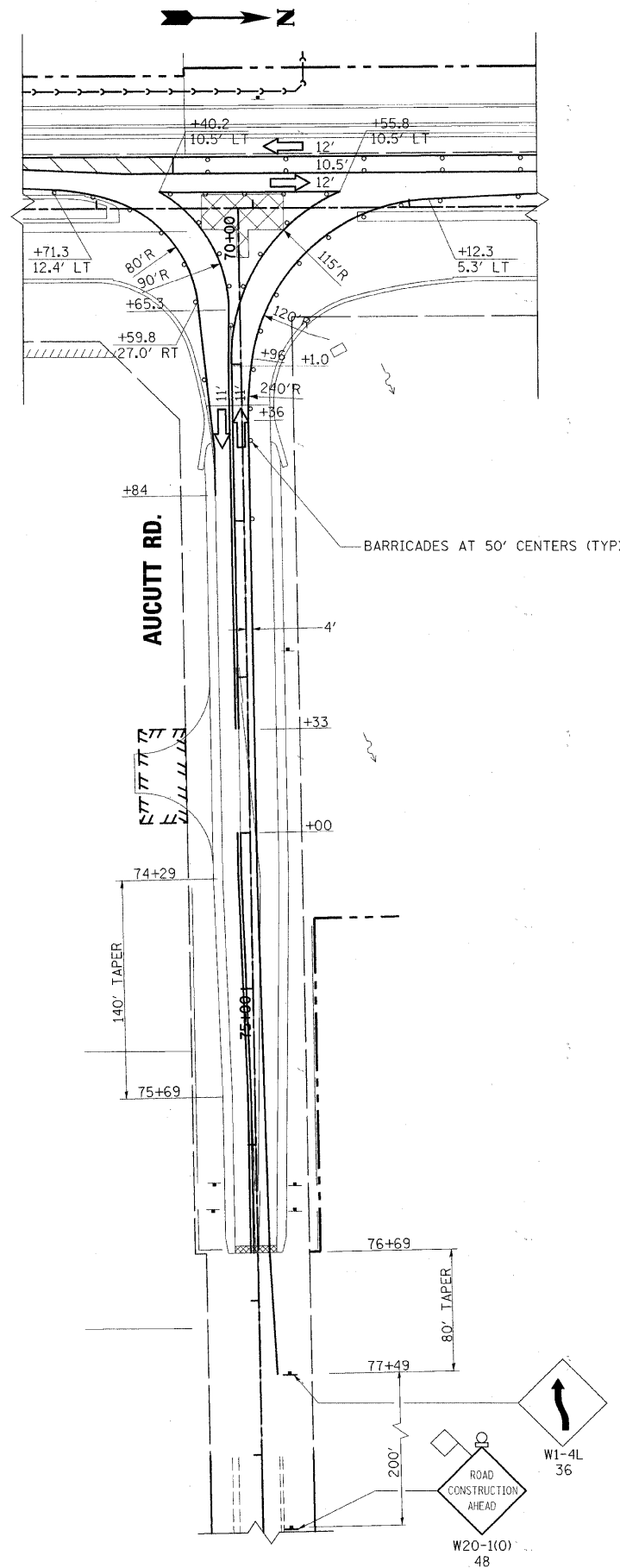


LEGEND

- TYPE I BARRICADE OR DRUM W/STEADY BURNING MONODIRECTIONAL LIGHT
- ➔ LANE OF TRAFFIC
- ⌊ TYPE III BARRICADE W/STEADY BURNING MONODIRECTIONAL LIGHT
- ⊥ SIGN
- ▨ WORK AREA
- TEMPORARY PAVEMENT

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

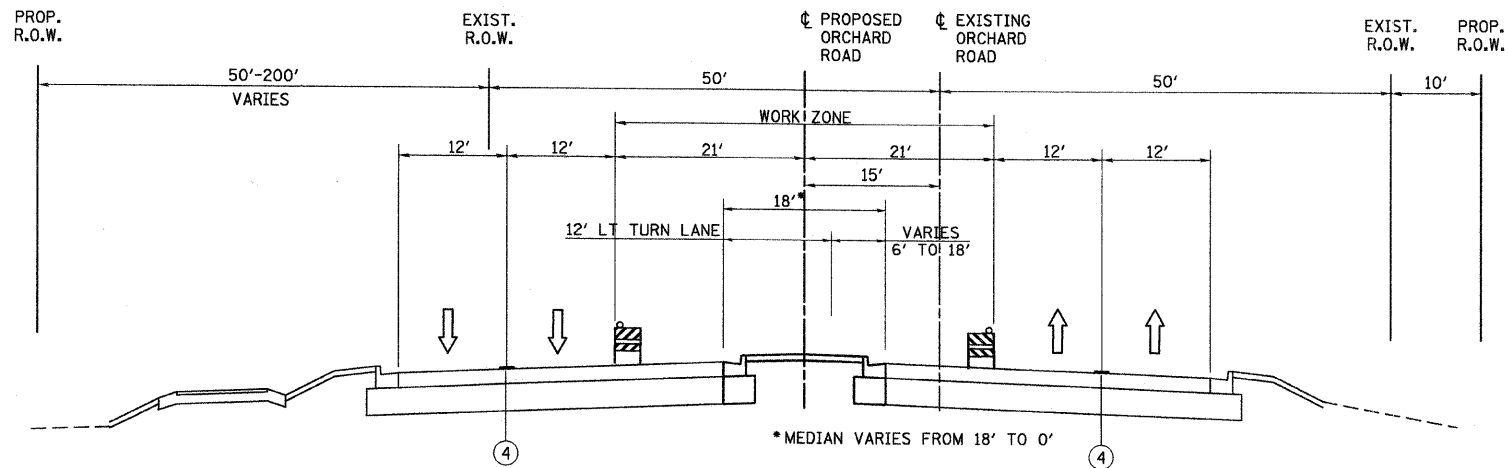
F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 39
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- TYPE I BARRICADE OR DRUM W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ➔ LANE OF TRAFFIC
 - ⊥ TYPE III BARRICADE W/STEADY BURNING MONODIRECTIONAL LIGHT
 - ⊥ SIGN
 - ▨ WORK AREA
 - TEMPORARY PAVEMENT

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	40
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



**ORCHARD ROAD
STAGE IV**

STA. 111+22 TO STA. 175+20

LEGEND

- ① EXISTING PAVEMENT
- ② TEMPORARY PAVEMENT, 10" WITH SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (INCIDENTAL TO TEMPORARY PAVEMENT)
- ③ PROPOSED PAVEMENT
- ④ TEMPORARY PAVEMENT MARKING

PROJECT CONSTRUCTION STAGE IV

TRAFFIC MAINTENANCE:

ORCHARD ROAD - TRAFFIC SHALL BE MAINTAINED ON THE ORCHARD ROAD PAVEMENT BUILT IN PREVIOUS STAGES WITH TWO LANES OF TRAFFIC IN EACH DIRECTION. TRAFFIC CONTROL SHALL BE INSTALLED AS DETAILED IN THESE PLANS.

SIDE STREETS - TRAFFIC SHALL BE MAINTAINED ON THE SIDE STREET PAVEMENT BUILT IN PREVIOUS STAGES WITH ONE LANE OF TRAFFIC IN EACH DIRECTION. TRAFFIC CONTROL SHALL BE INSTALLED AS DETAILED IN THESE PLANS.

THE FOLLOWING WORK ITEMS ARE TO BE COMPLETED DURING STAGE IV:

- TRAFFIC CONTROL ITEMS, TEMPORARY PAVEMENT MARKING AND OTHER TRAFFIC CONTROL DEVICES SHALL BE INSTALLED THROUGHOUT THE CONSTRUCTION AREA PRIOR TO WORK COMMENCING.
- CONSTRUCT MEDIAN ON ORCHARD ROAD NORTH OF STATION 155+41
- CONSTRUCT ISLANDS AT INTERSECTIONS WITH ORCHARD ROAD
- REMOVE TEMPORARY PAVEMENT IN MEDIAN FROM STA. 172+62.60 TO 175+19.60 AND RECONSTRUCT MEDIAN WITH CURB AND GUTTER, TOPSOIL AND SOD.

MAINTENANCE OF TRAFFIC NOTES

ALL OF THE TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE TRAFFIC CONTROL PLANS OR THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. TEMPORARY TRAFFIC SIGNALS SHALL BE CONSTRUCTED AT THE JERICHO ROAD INTERSECTION AND SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGES OF CONSTRUCTION SHOWN. EXISTING STOP AND STOP AHEAD SIGNS ALONG ORCHARD ROAD SHALL BE RELOCATED TO CONTROL SIDE STREET OR ENTRANCE TRAFFIC FOR THE VARIOUS STAGES OF CONSTRUCTION.

THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS FOR HIS CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CONTRACTOR PROPOSED TRAFFIC CONTROL PLANS SHALL BE SUBMITTED FOR THE WRITTEN APPROVAL OF THE ENGINEER.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. ADDITIONAL SIGNS, IF REQUIRED BY THE ENGINEER, SHALL BE PAID FOR IN SQUARE FEET FOR TEMPORARY INFORMATION SIGNING.

THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNING, SIGNS SHALL BE ERECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION. SIGNS SHALL BE TAKEN DOWN AS SOON AS THEY ARE NO LONGER APPLICABLE ON A CONTINUOUS BASIS AND RE-ERECTED AS APPROPRIATE.

EXAMPLES OF SIGNS ARE AS FOLLOWS:

TEMPORARY LANE CLOSURE

EXAMPLE: "PERIODIC LANE CLOSURES BEGIN (DATE)
EXPECT DELAYS."

REMOVAL OF ANY EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS FOR TRAFFIC CONTROL AND PROTECTION PLANS OR WITH THE PERMANENT STRIPING, SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.

THE FOLLOWING TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED AT ALL THE FOLLOWING LOCATIONS IN EACH OF THE VARIOUS STAGES OF CONSTRUCTION:

- 4in WHITE EDGE LINE - EACH EDGE (YELLOW FOR INSIDE EDGE)
- 4in WHITE SKIP DASH (30ft SKIP - 10ft DASH) - BETWEEN LANES
- 4in DOUBLE YELLOW - MEDIANS AND BETWEEN OPPOSING LANES
- 6in WHITE LANE LINE - STORAGE AREA OF LEFT OR RIGHT TURN BAY
- 6in WHITE SKIP DASH (6ft SKIP-2ft DASH) LEFT OR RIGHT TURN BAY
- 12in YELLOW DIAGONALS (20ft C-C) - MEDIANS AND GORES
- 2ft WHITE STOP BAR - ALL LOCATIONS
- WHITE LETTERS AND SYMBOLS - TURN LANES

IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE UP TO 10 INFORMATIONAL SIGNS ON TEMPORARY SUPPORTS FOR DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. IF MORE THAN 10 SIGNS ARE REQUIRED, THIS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF TEMPORARY INFORMATION SIGNING.

TEMPORARY PAVEMENT IS REQUIRED TO MAINTAIN THE REQUIRED TRAFFIC LANES AS SHOWN ON THE STAGING PLANS. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED OF 10 INCHES OF BITUMINOUS BASE COURSE, SUPERPAVE MATERIAL, PAID FOR AS TEMPORARY PAVEMENT. TEMPORARY PAVEMENT RAMP IS REQUIRED TO MAINTAIN THE TRAFFIC ACROSS THE EXISTING ORCHARD ROAD AND JERICHO ROAD PAVEMENT FOR THE SIDE STREETS AND DRIVEWAYS DURING STAGES AS SHOWN ON THE PLANS. AN ESTIMATED QUANTITY OF TONS HAS BEEN INCLUDED. REMOVAL OF THE TEMPORARY PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM.

ALL FULL DEPTH SAWCUTTING NECESSARY FOR STAGED CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

THE SPEED LIMIT SIGN AS SHOWN IN STANDARD 702001 SHALL BE AVAILABLE FOR PLACEMENT ON ORCHARD ROAD AND ON JERICHO ROAD FOR THE DURATION OF THE PROJECT AS DIRECTED BY THE ENGINEER. THIS ITEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE TRAFFIC CONTROL & PROTECTION SPECIAL.

TWO (2) MONODIRECTIONAL FLASHING LIGHTS SHALL BE REQUIRED ON ALL TYPE III BARRICADES.

TYPE III BARRICADES SHALL BE PLACED ADJACENT TO ALL COMMERCIAL ENTRANCES PERPENDICULAR TO ORCHARD ROAD. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

"ROAD CONSTRUCTION AHEAD" AND "ARROW" SIGNS SHALL BE PLACED ON ALL SIDE STREETS IN ACCORDANCE WITH THE STAGING PLANS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION.

RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE LIMITS OF CONSTRUCTION THAT CONFLICT WITH STAGE CONFIGURATIONS SHALL HAVE THE LENSES REMOVED AS INCIDENTAL TO THE STAGE STRIPING. WHEN TRAFFIC IS RELOCATED TO THE FINAL LOCATION, THESE LENSES SHALL BE REPLACED AND PAID FOR AS "TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS."

REFLECTIVE SHEETING SHALL BE PROVIDED ON BOTH SIDES OF BARRICADES.

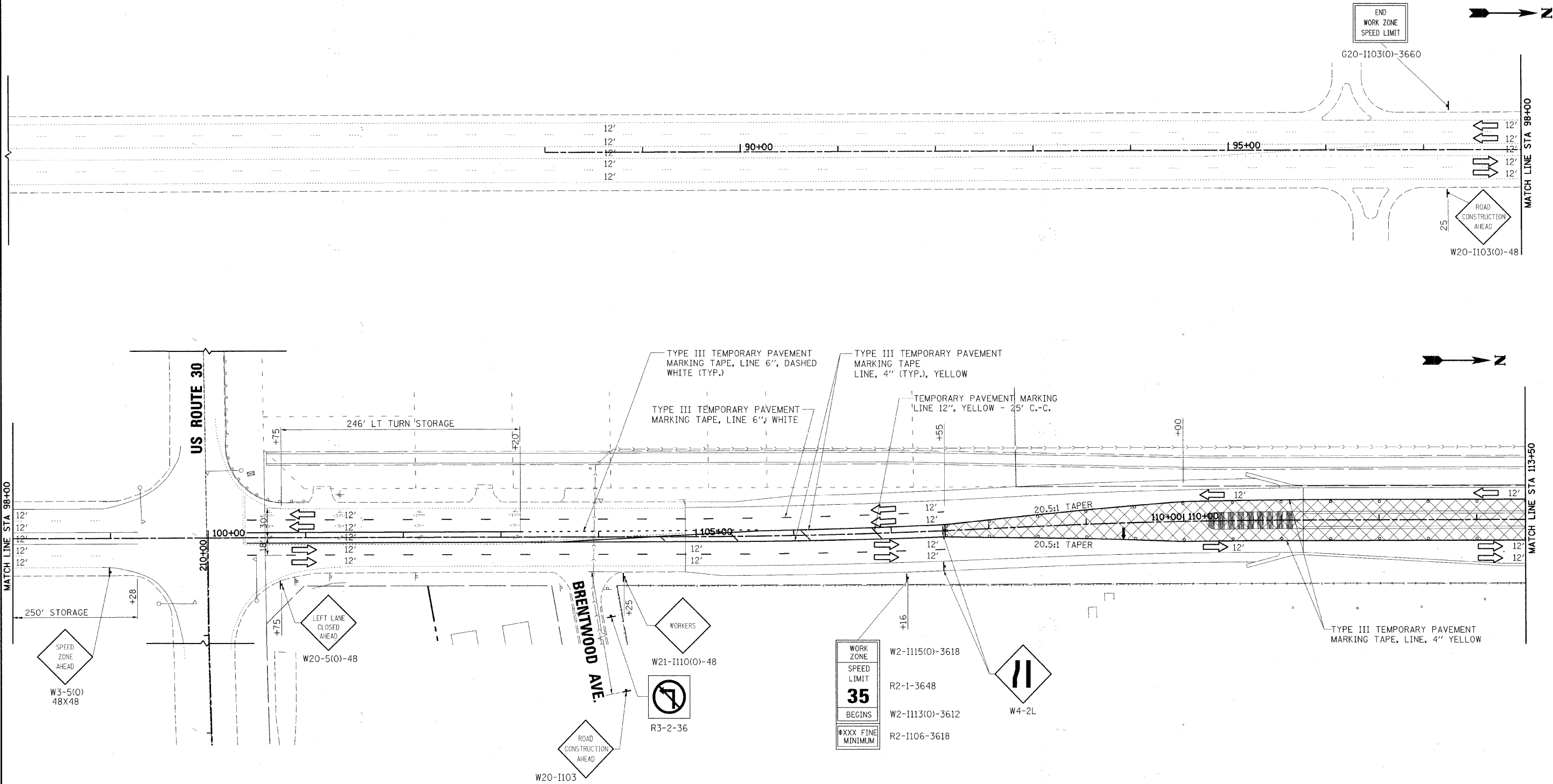
THE FURNISHING, INSTALLATION, RELOCATION AND REMOVAL OF ALL TRAFFIC CONTROL SIGNS, DETOUR SIGNS AND TRAFFIC CONTROL DEVICES SHOWN ON THESE STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC PLANS AND THE APPLICABLE I.D.O.T. TRAFFIC CONTROL STANDARDS SHALL BE PAID FOR UNDER THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)". THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL SIGNS AS REQUIRED BY THE ENGINEER, THE COST OF WHICH WILL ALSO BE INCLUDED IN "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE SHIFTED/MODIFIED AS NEEDED AT ALL THE LOCATIONS FOR ALL THE STAGES AND SUB STAGES AS DIRECTED AT THE SATIFICATION OF THE ENGINEER AND SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCIDENTAL TO THE TEMPORARY TRAFFIC SIGNAL COST OF THE PARTICULAR INTERSECTION.

ALL TEMPORARY PAVEMENT MARKING, ON FINAL PAVEMENT SURFACES, SHALL BE PAVEMENT MARKING TAPE, TYPE III UNLESS NOTED OTHERWISE.

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 41
				CONTRACT NO. 63541
ILLINOIS FED. AID PROJECT				



- LEGEND**
- WORK AREA
 - SIGN
 - * TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - @ 50' C-C
 - ARROW BOARD

* SEE STATE STANDARD 701606-07
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

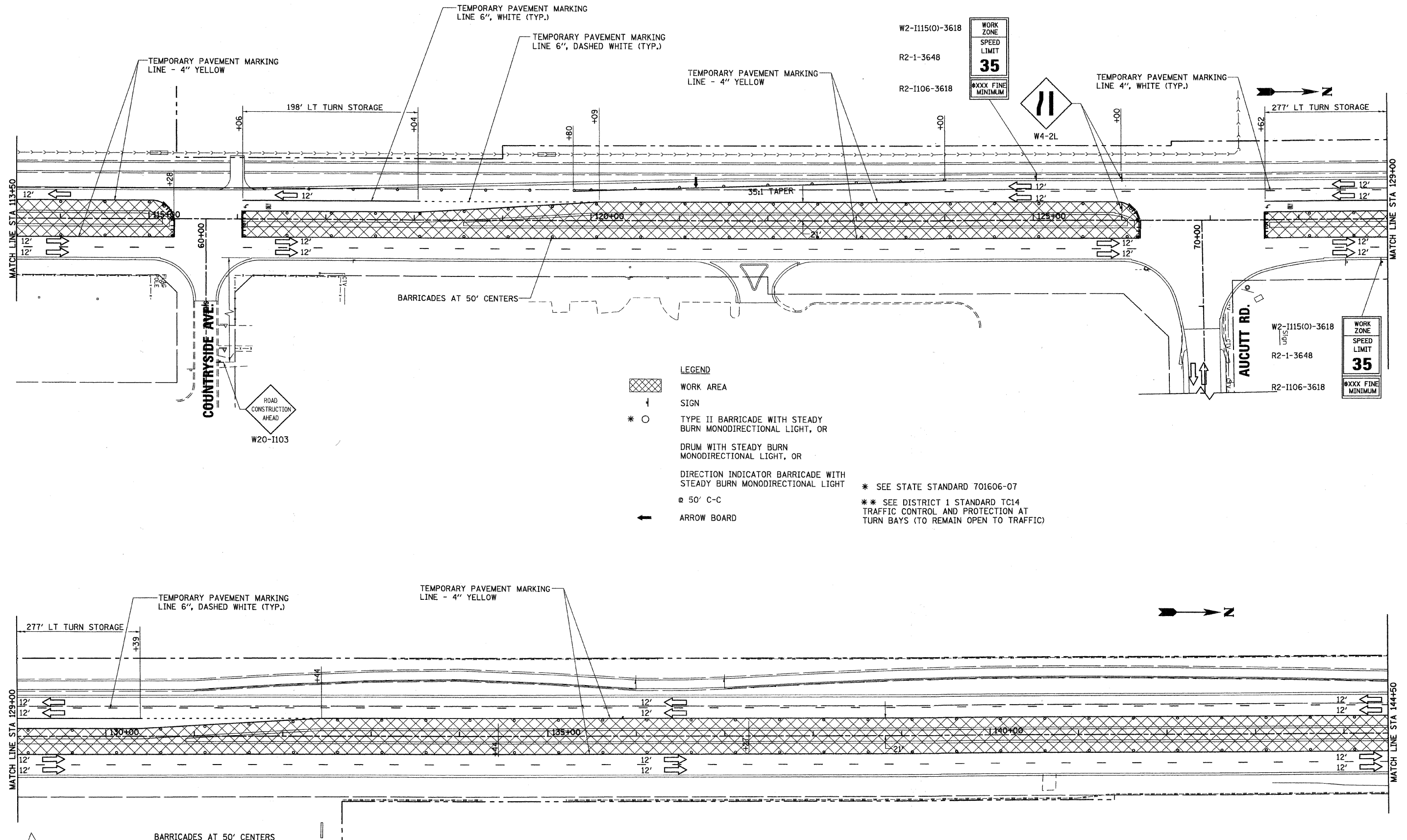
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DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION**

**MAINTENANCE OF TRAFFIC
 STAGE IV**

SCALE: 1" = 50' SHEET NO. 23 OF 26 SHEETS STA. 88+00.00 TO STA. 113+50.00

F.A.P. RTE. 337	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 42
CONTRACT NO. 63541				



NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**MAINTENANCE OF TRAFFIC
STAGE IV**

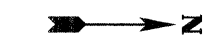
SCALE: 1" = 50' SHEET NO. 24 OF 26 SHEETS STA. 113+50.00 TO STA. 144+50.00

F.A.P. RTE. 338	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 43
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

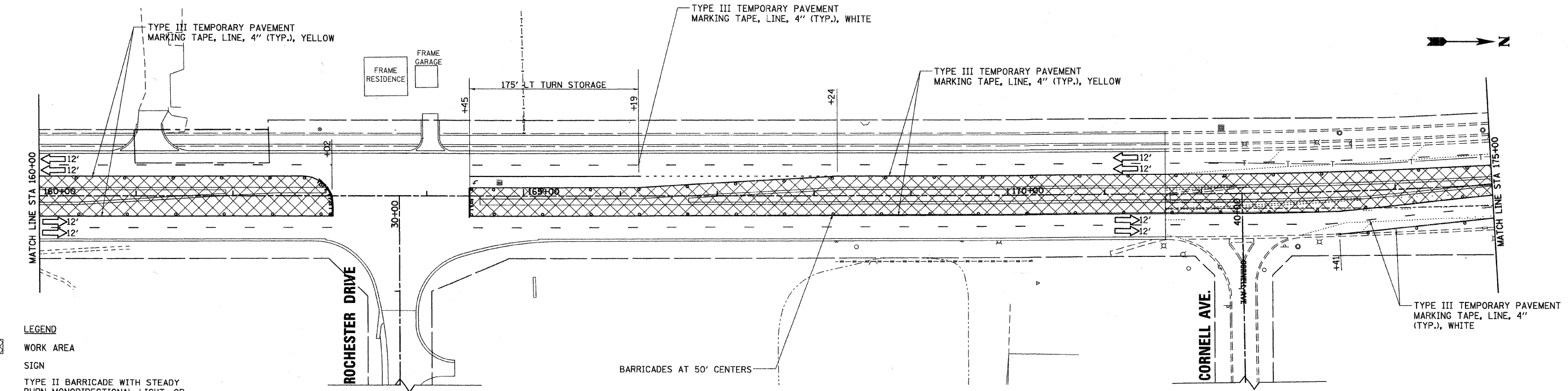
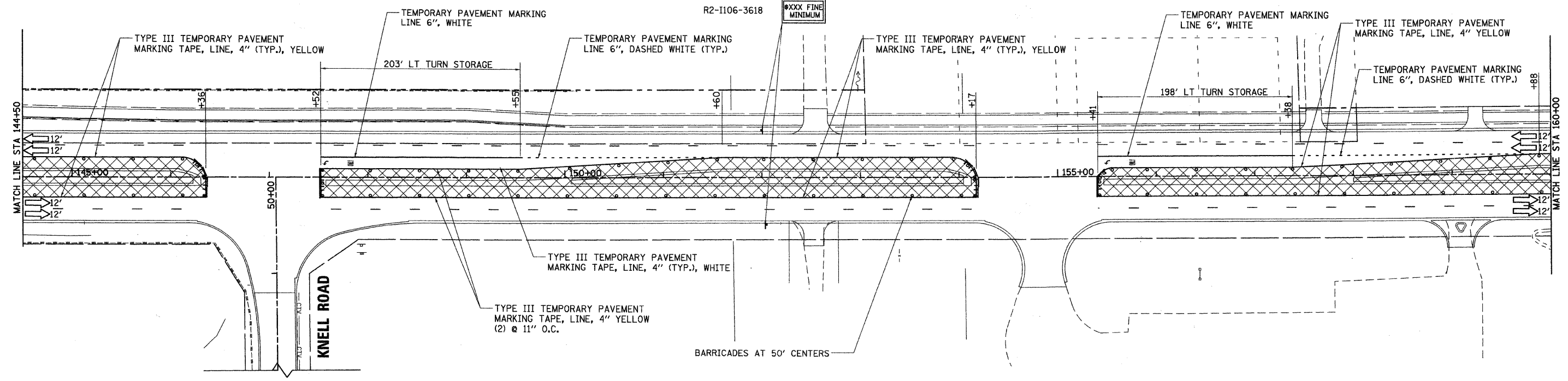
rjngroup
Excellence through Ownership
200 West Front Street
Wheaton, IL 60187

48-9995 / IN. 12/17/2010 K:\117782\CAD\Sheets\N77782_Stage4_Sht24.dgn



W2-II15(O)-3618
 R2-1-3648
 R2-II06-3618

WORK ZONE
SPEED LIMIT
35
XXXX FINE MINIMUM



LEGEND

- WORK AREA
- SIGN
- TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- 50' C-C
- ARROW BOARD

* SEE STATE STANDARD 701606-07
 ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

48 9995 / IN.
 12/17/2010
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200 West Front Street
 Wheaton, IL 60187

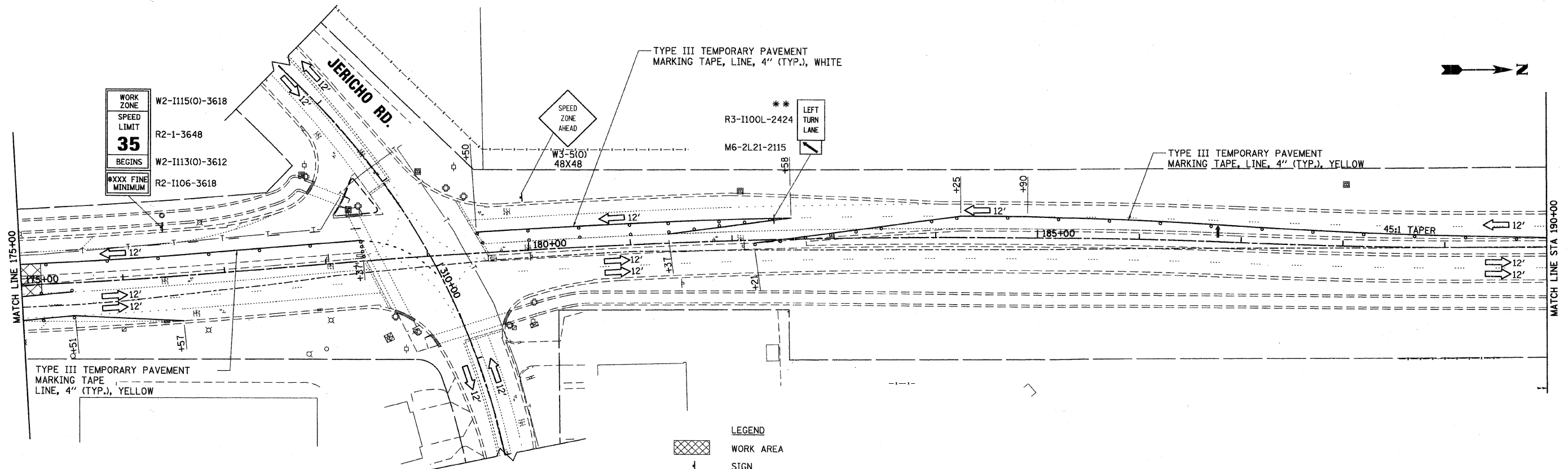
DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION**

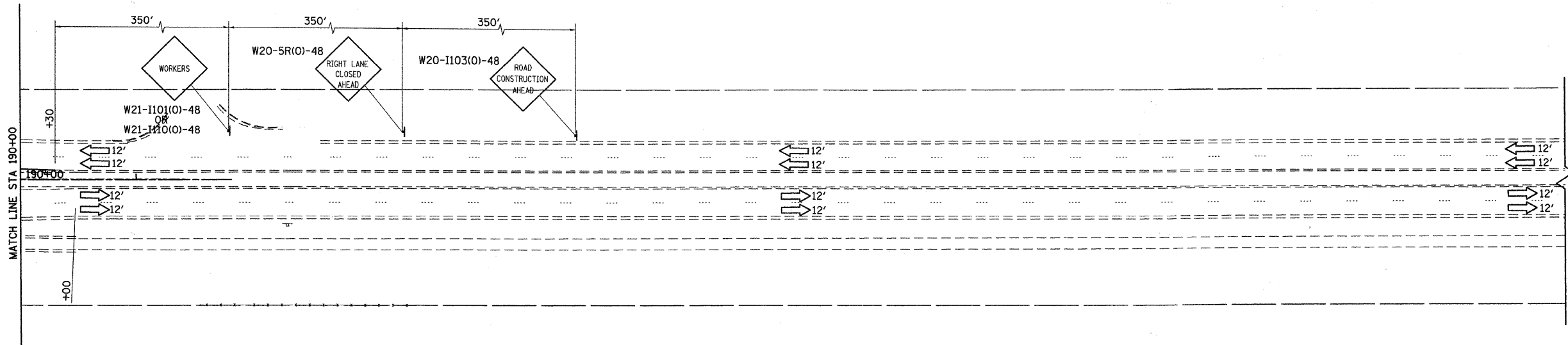
**MAINTENANCE OF TRAFFIC
 STAGE IV**

SCALE: 1" = 50' SHEET NO. 25 OF 26 SHEETS STA. 144+50.00 TO STA. 175+00.00

F.A.P. RTE. 339	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 44
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



- LEGEND**
- WORK AREA
 - SIGN
 - TYPE II BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT, OR DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
 - 50' C-C
 - ARROW BOARD
 - * SEE STATE STANDARD 701606-07
 - ** SEE DISTRICT 1 STANDARD TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



NOTE: ALL CONFLICTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED.

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200 West Front Street
Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**MAINTENANCE OF TRAFFIC
STAGE IV**

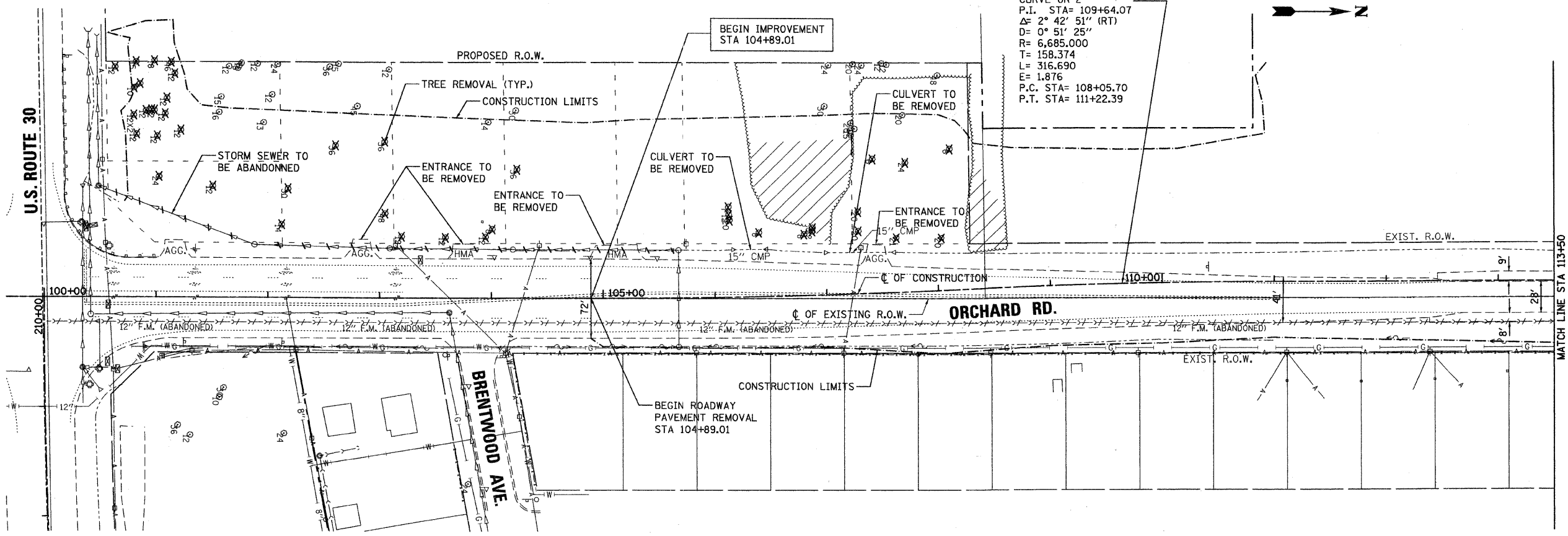
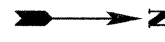
SCALE: 1" = 50' SHEET NO. 26 OF 26 SHEETS STA. 175+00.00 TO STA. 192+00.00

F.A.P. RTE. 340	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 45
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

LEGEND

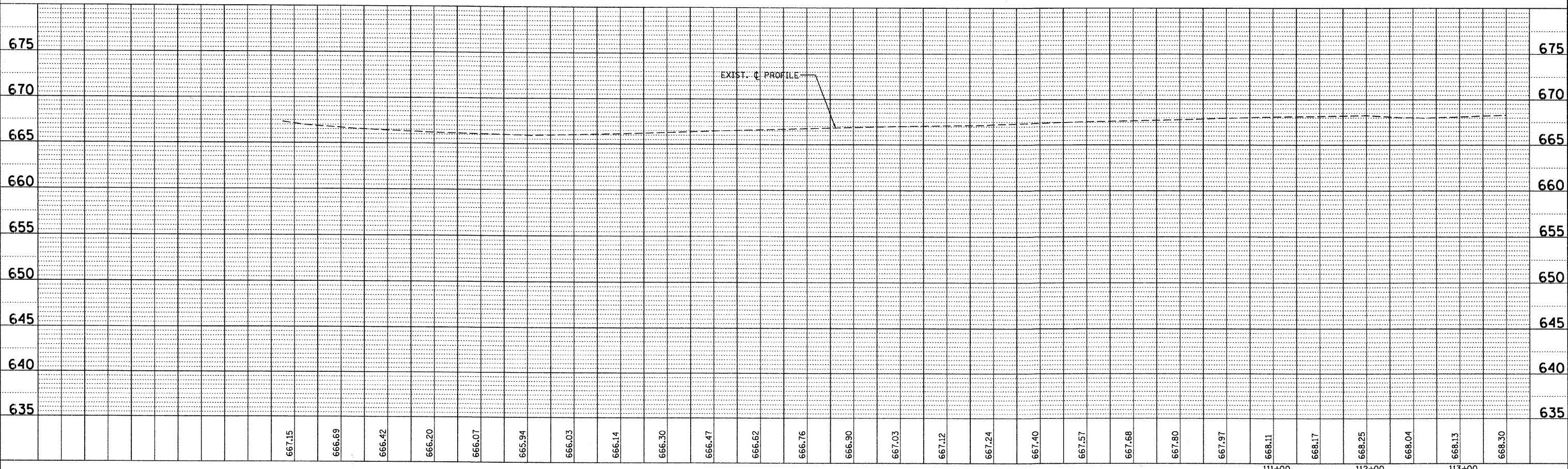
- ✕ TREE REMOVAL
- //// STORM SEWER TO BE ABANDONED

CURVE OR-2
 P.I. STA= 109+64.07
 Δ= 2° 42' 51" (RT)
 D= 0° 51' 25"
 R= 6,685.000
 T= 158.374
 L= 316.690
 E= 1.876
 P.C. STA= 108+05.70
 P.T. STA= 111+22.39



PLAN	DESIGNED	DATE
	BY	
	CHECKED	
	DATE	
	NO.	

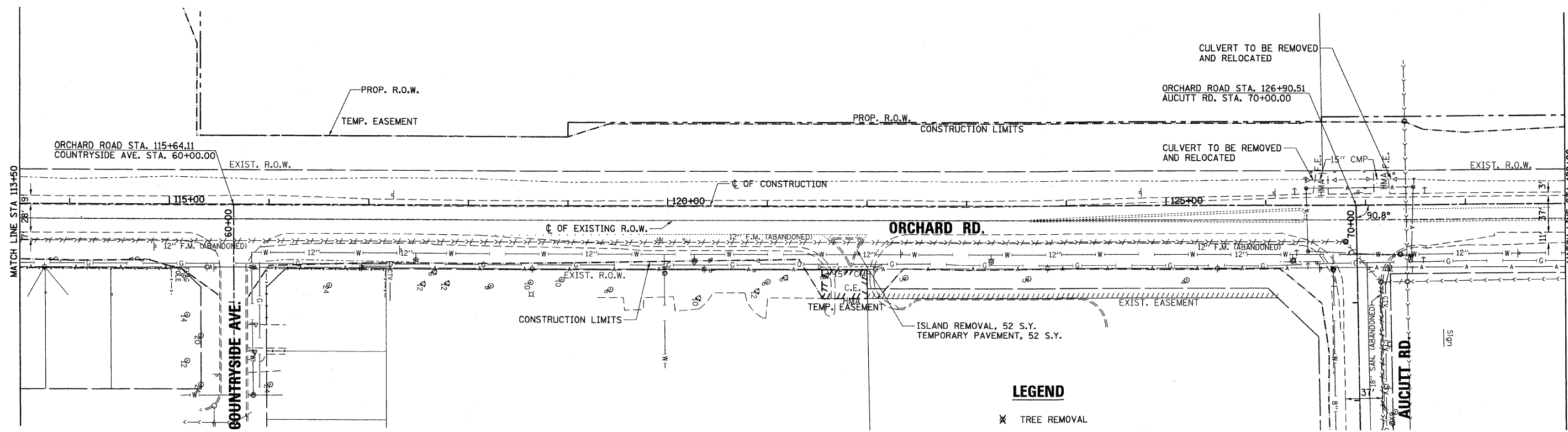
PROFILE	DESIGNED	DATE
	BY	
	CHECKED	
	DATE	
	NO.	



<p>44,9999 / IN. deedes 12/17/2010 C:\117726\CAD\Sheets\17726_PP_DEMO_B1.dgn</p>	DESIGNED - MK	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION ORCHARD ROAD RECONSTRUCTION	EXISTING CONDITIONS - PROPOSED REMOVALS STA. 104+00 TO STA. 113+50	F.A.P. RITE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 46
	DRAWN - DW	REVISED -			CONTRACT NO. 63541				
	CHECKED - MH	REVISED -			ILLINOIS FED. AID PROJECT				
	DATE - 12/20/2010	REVISED -			SCALE: 1" = 50' SHEET NO. 1 OF 7 SHEETS STA. 100+00.00 TO STA. 113+50.00				

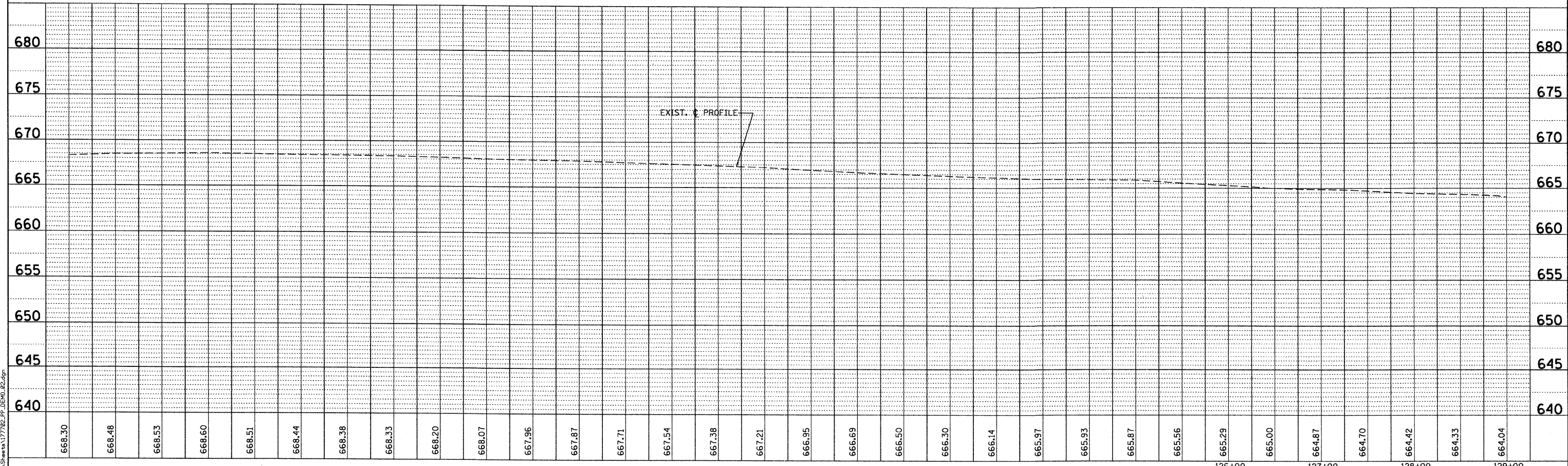
DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTE BOOK	
NO.	



LEGEND

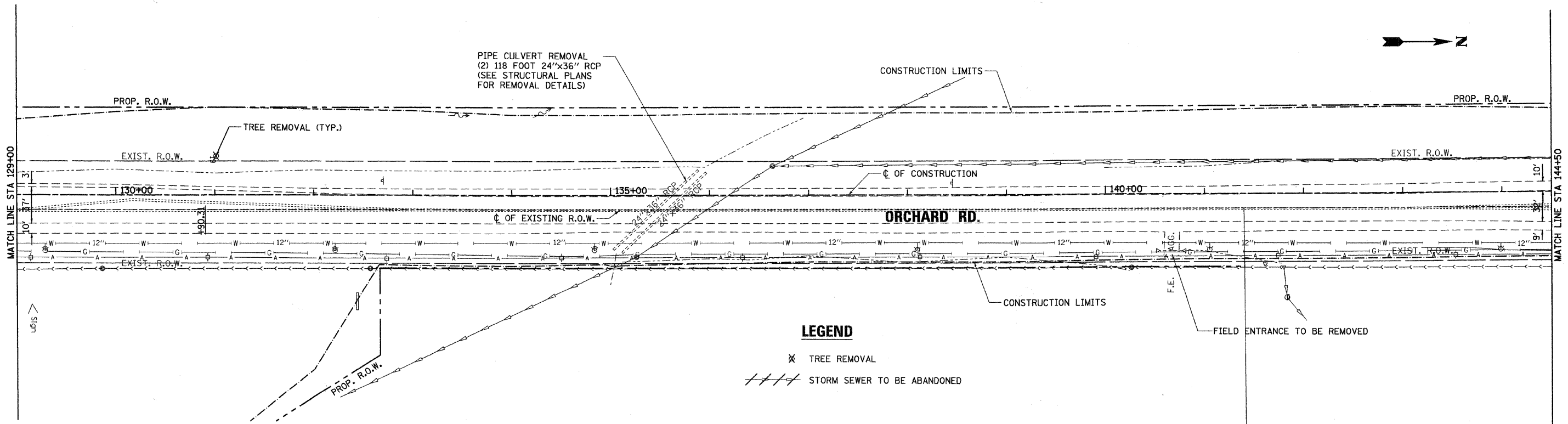
- ✕ TREE REMOVAL
- //// STORM SEWER TO BE ABANDONED



<p>46,999 / IN. desdes K:\11772\11772\11772\11772.dgn</p>	DESIGNED - MK DRAWN - DW CHECKED - MH DATE - 12/20/2010	REVISED - REVISED - REVISED - REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION ORCHARD ROAD RECONSTRUCTION	EXISTING CONDITIONS - PROPOSED REMOVALS STA. 113+50 TO STA. 129+00	F.A.P. RTE. 336 SECTION 99-00232-01-WR COUNTY KANE TOTAL SHEETS 215 SHEET NO. 47 CONTRACT NO. 63541
	SCALE: 1" = 50' SHEET NO. 2 OF 7 SHEETS STA. 113+50.00 TO STA. 129+00.00		ILLINOIS FED. AID PROJECT		

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

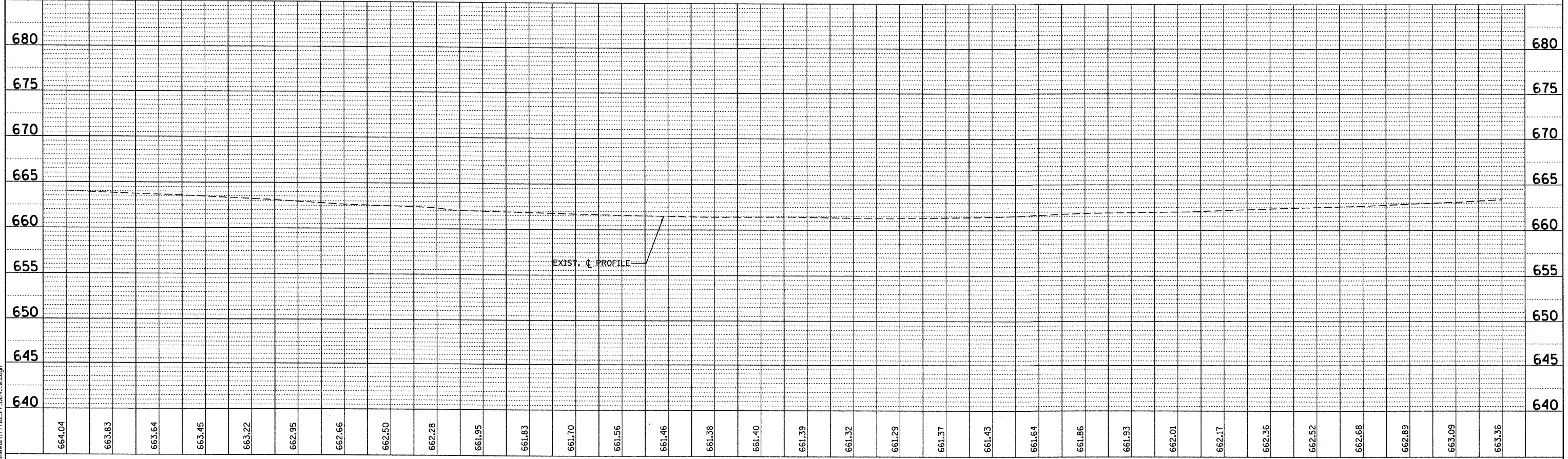
PROFILE	REVISIONS	DATE
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NO.	NO.	DATE
NO.	NO.	DATE
NO.	NO.	DATE



LEGEND

✕ TREE REMOVAL

//// STORM SEWER TO BE ABANDONED



rjngroup
 Excellence through Ownership
 200 West Front Street
 Wheaton, IL 60187

DESIGNED	- MK	REVISED	-
DRAWN	- DW	REVISED	-
CHECKED	- MH	REVISED	-
DATE	- 12/20/2010	REVISED	-

**KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION**

**EXISTING CONDITIONS - PROPOSED REMOVALS
 STA. 129+00 TO STA. 144+50**

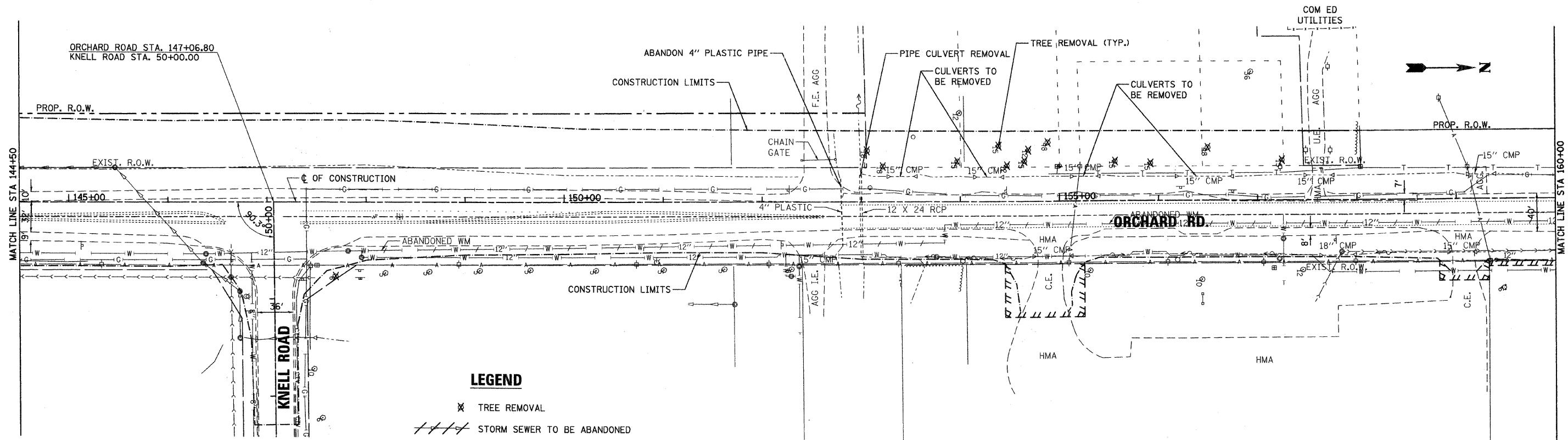
SCALE: 1" = 50' SHEET NO. 3 OF 7 SHEETS STA. 129+00.00 TO STA. 144+50.00

F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	48
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

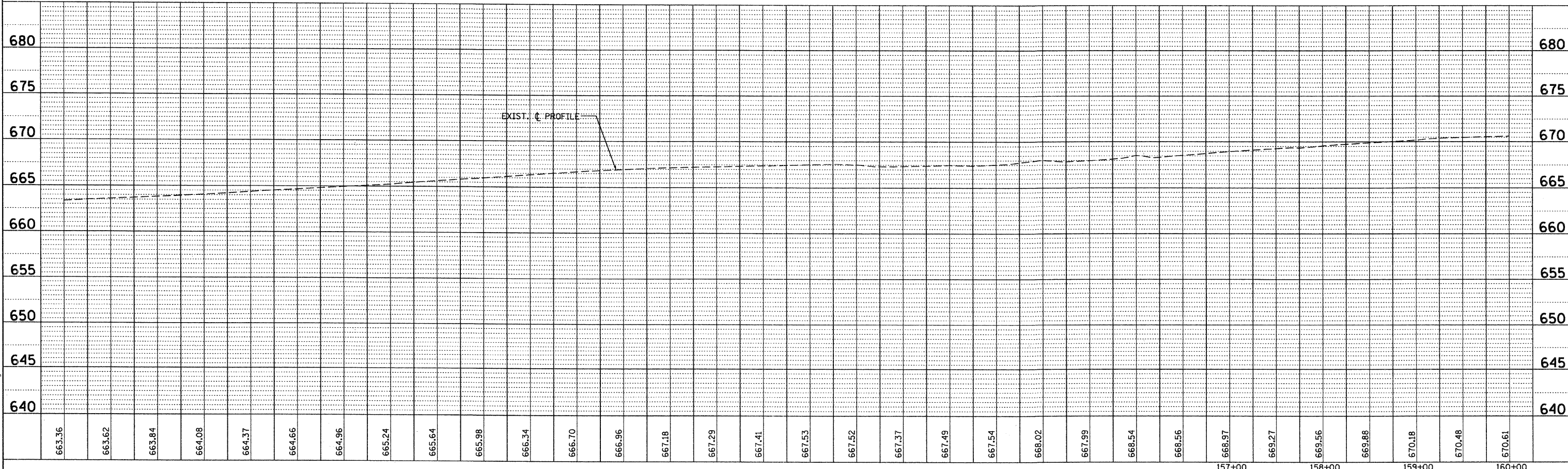
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	CAD FILE NAME	

PROFILE	REVISIONS	DATE
NOTE BOOK	PLOTTED	
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LEGEND
 ✕ TREE REMOVAL
 // // // STORM SEWER TO BE ABANDONED



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rjngroup
 Excellence through Ownership
 200 West Front Street
 Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

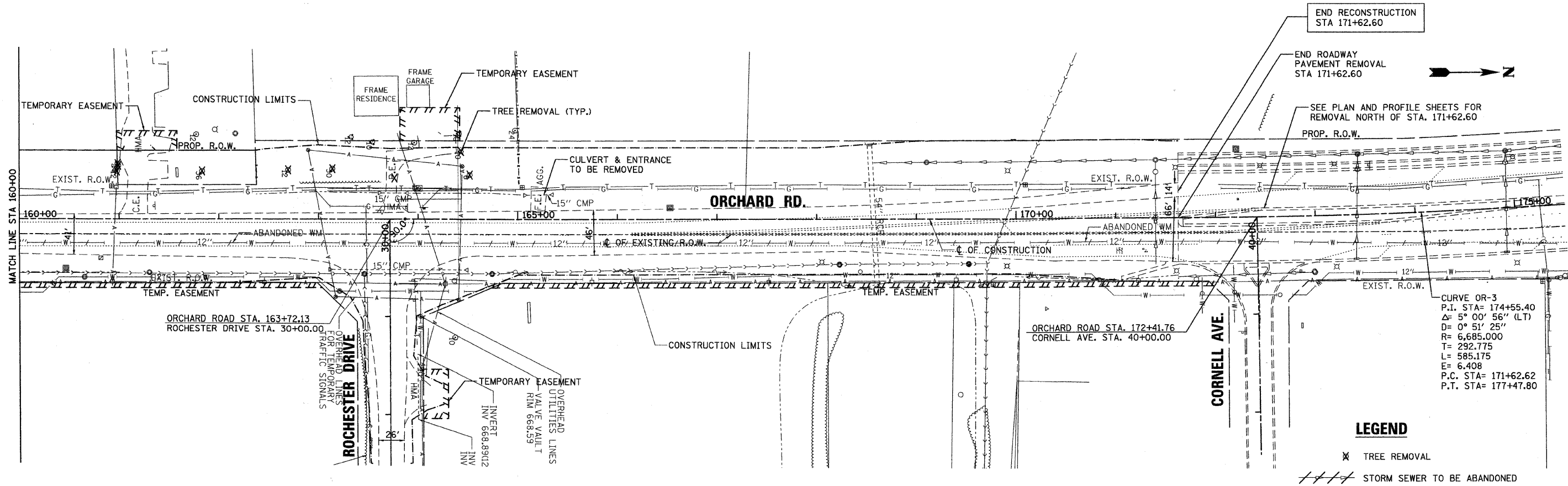
EXISTING CONDITIONS - PROPOSED REMOVALS
STA. 144+50 TO STA. 160+00

SCALE: 1" = 50' SHEET NO. 4 OF 7 SHEETS STA. 144+50.00 TO STA. 160+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 49
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
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	PLOTTED	
	CHECKED	
	DATE	
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	NO.	

PROFILE	SURVEYED	DATE
	NOTED	
	PLOTTED	
	CHECKED	
	DATE	
	BY	
	NO.	



END RECONSTRUCTION
STA 171+62.60

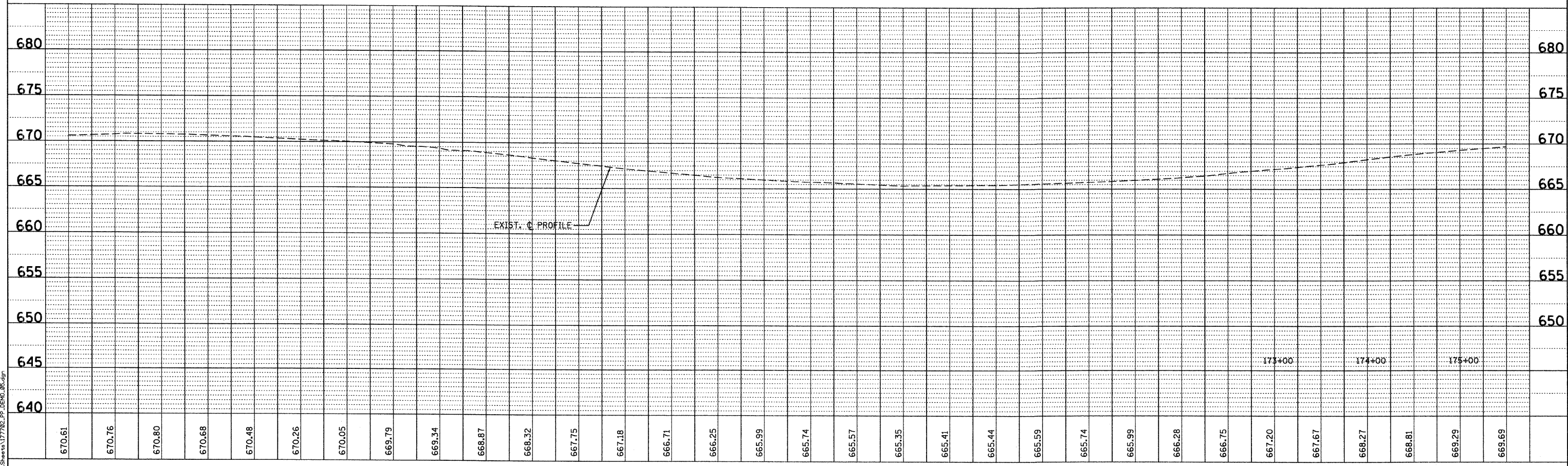
END ROADWAY
PAVEMENT REMOVAL
STA 171+62.60

SEE PLAN AND PROFILE SHEETS FOR
REMOVAL NORTH OF STA. 171+62.60

LEGEND

✕ TREE REMOVAL

//// STORM SEWER TO BE ABANDONED



DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

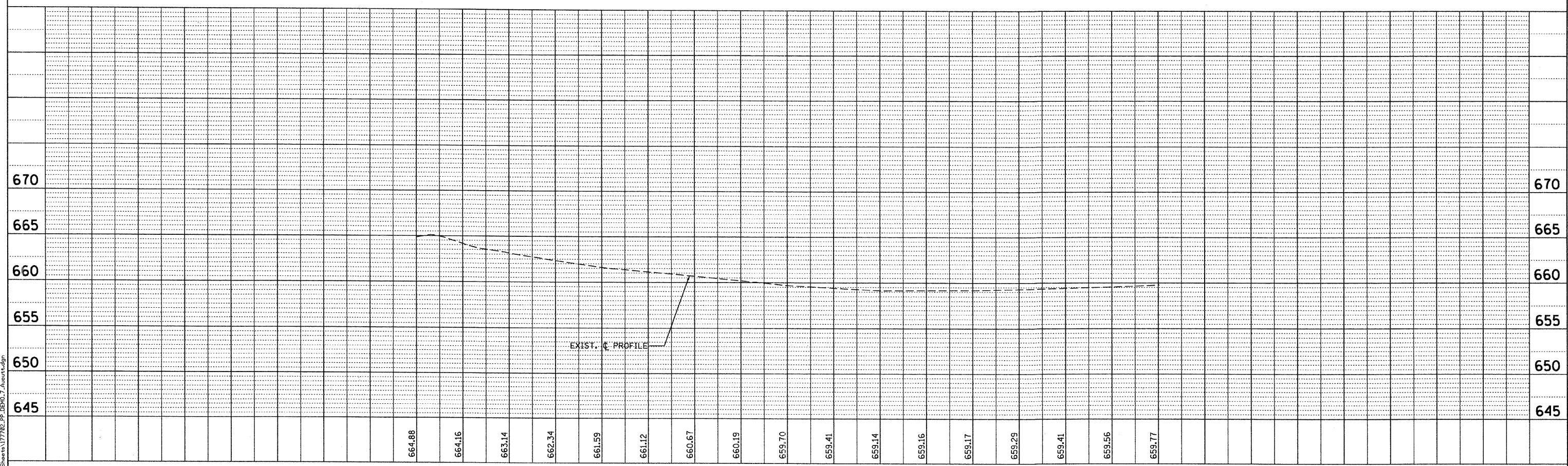
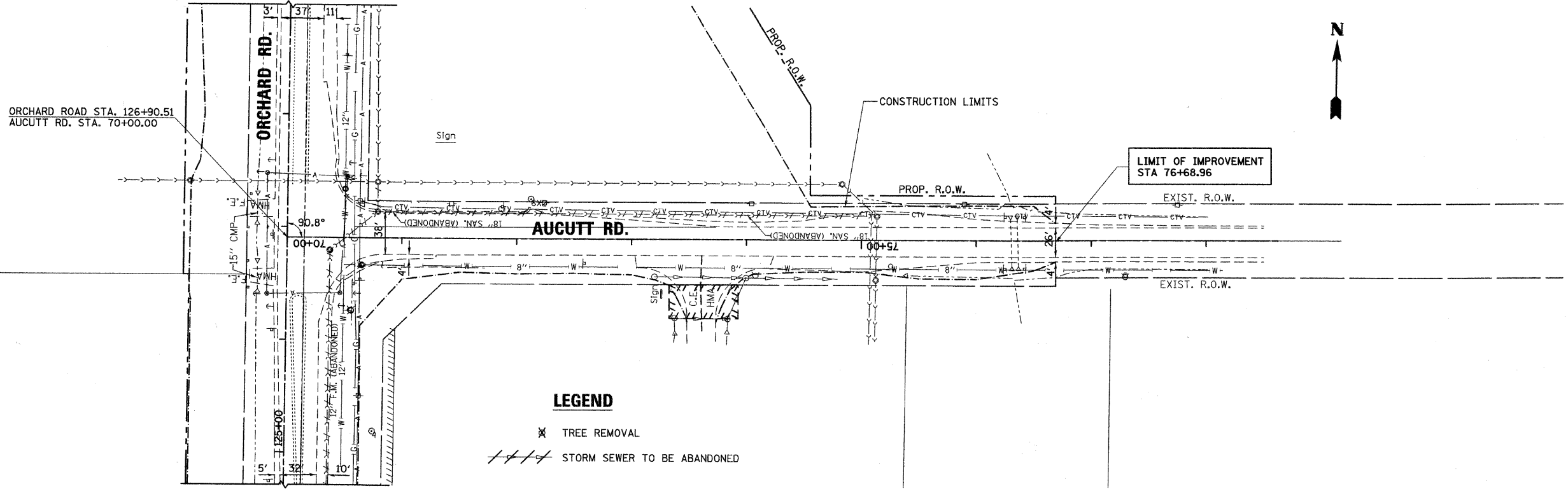
**EXISTING CONDITIONS - PROPOSED REMOVALS
STA. 160+00 TO STA. 175+50**

SCALE: 1" = 50' SHEET NO. 5 OF 7 SHEETS STA. 160+00.00 TO STA. 175+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 50
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

DATE	BY
REVIEWED	PLANNED
ALIGNMENT CHECKED	ADJUSTED
NOTE BOOK NO.	DATE FILE NAME

DATE	BY
REVIEWED	PLANNED
GRADES CHECKED	NOTATION CHD
NOTE BOOK NO.	STRUCTURE



DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

EXISTING CONDITIONS - PROPOSED REMOVALS	
AUCUTT ROAD	
SCALE: 1" = 50'	SHEET NO. 6 OF 7 SHEETS
STA. 70+00.00 TO STA. 78+00.00	

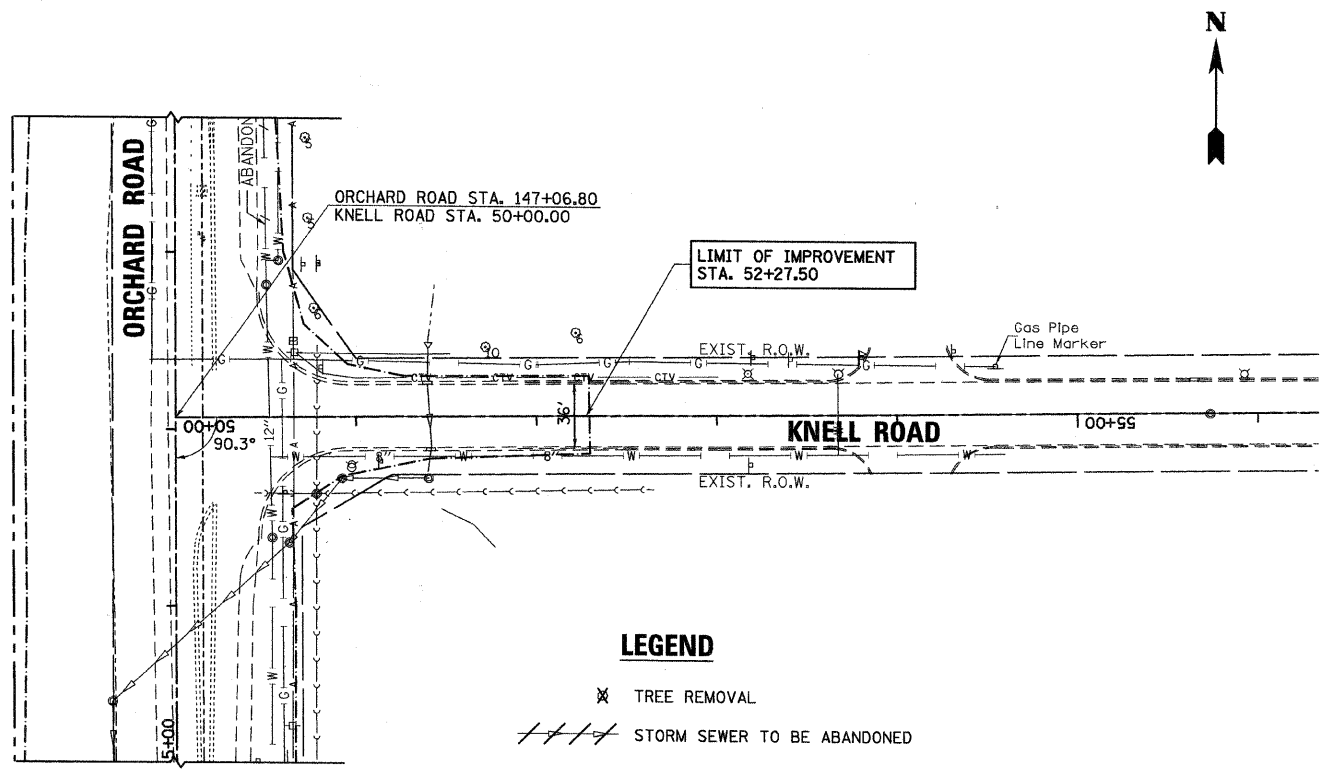
F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 51
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				

rjngroup
 Excellence through Ownership
 200 West Front Street
 Wheaton, IL 60187

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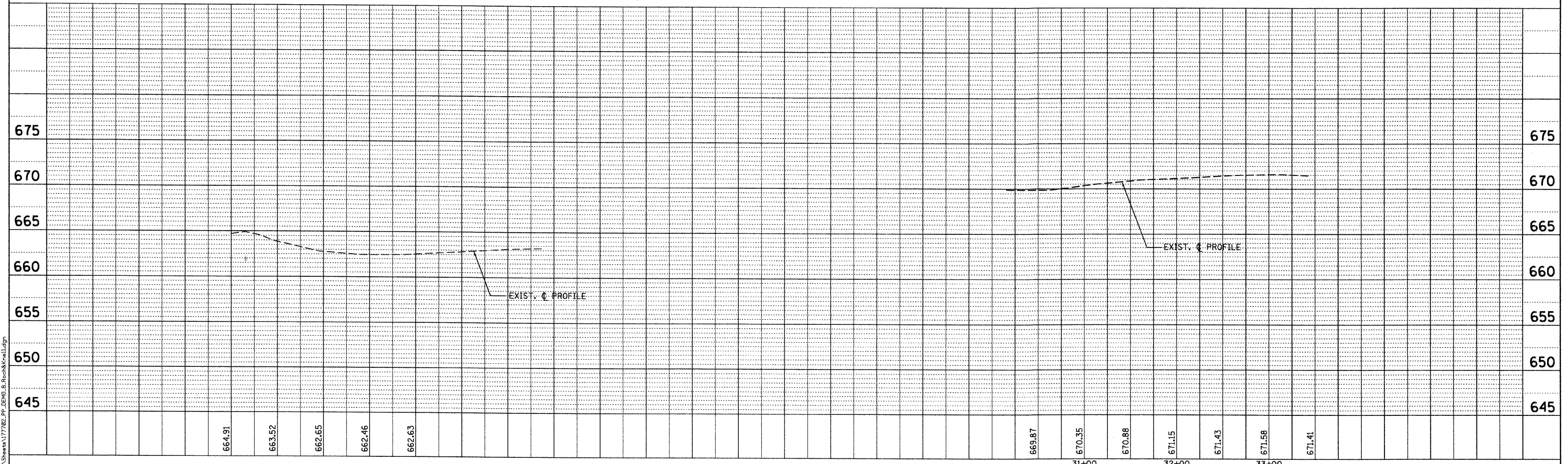
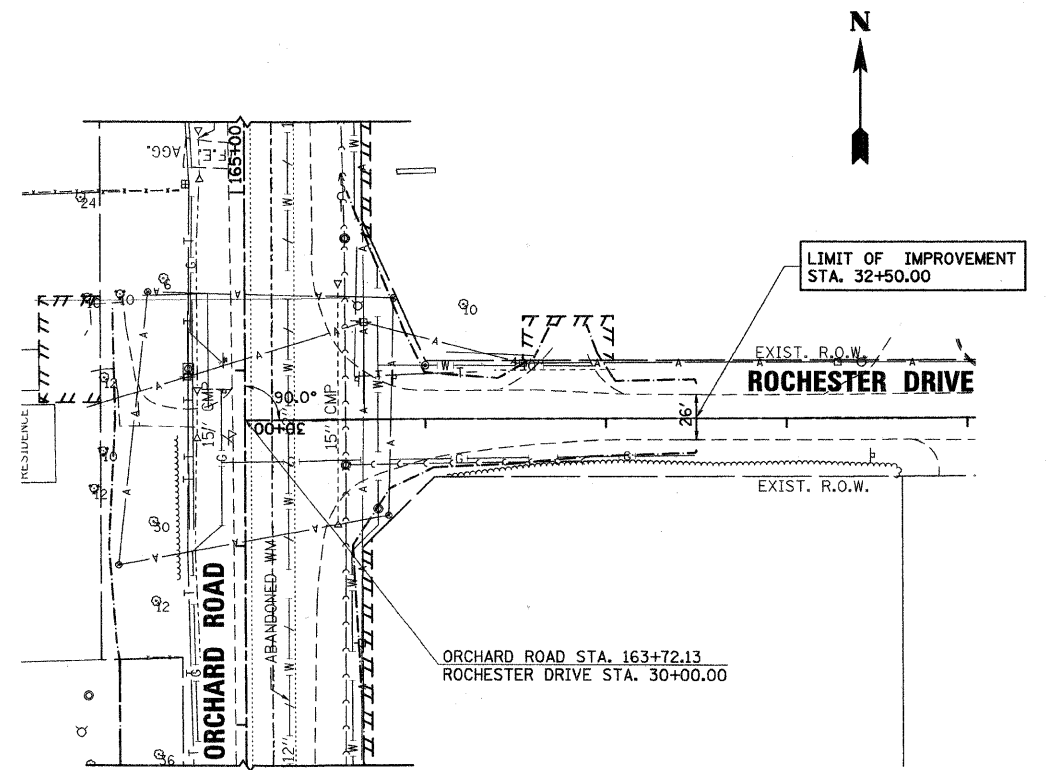
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BY	
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LEGEND

✕ TREE REMOVAL

/// STORM SEWER TO BE ABANDONED

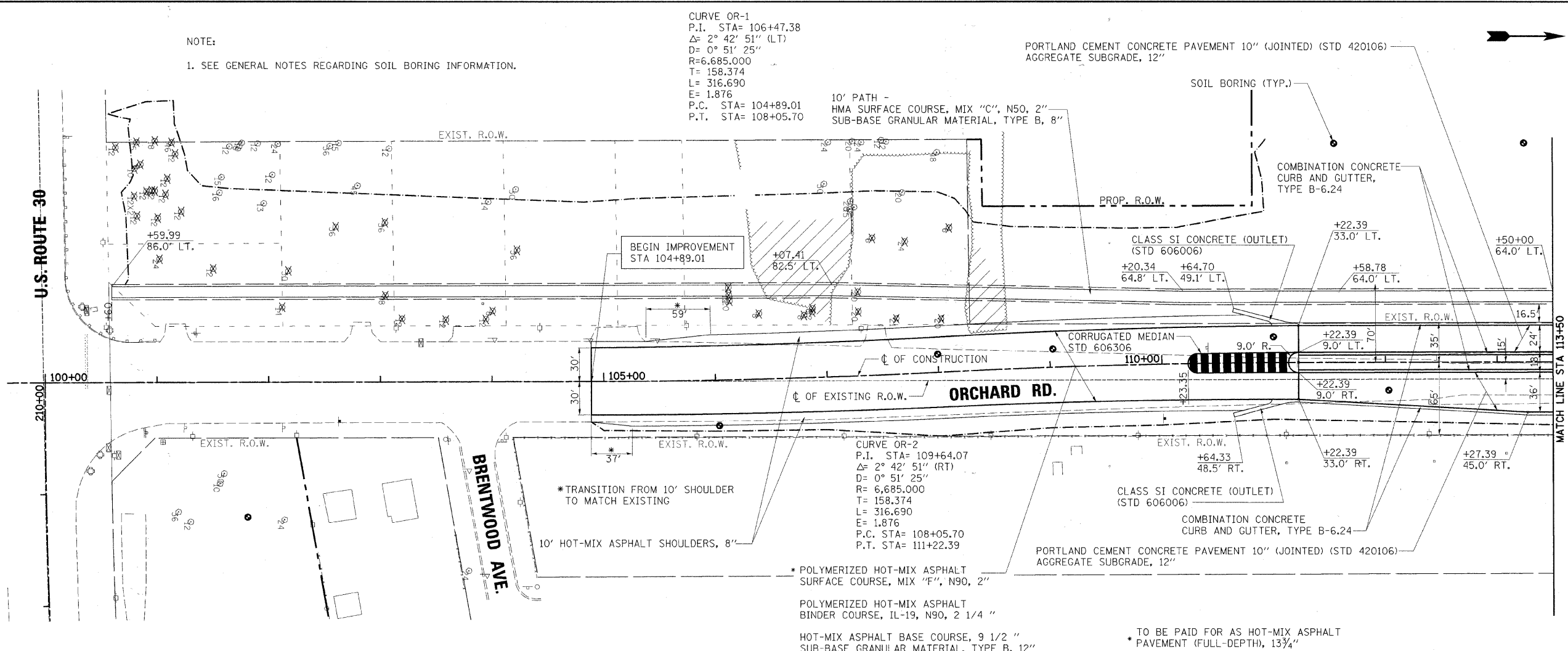


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NOTE:
1. SEE GENERAL NOTES REGARDING SOIL BORING INFORMATION.

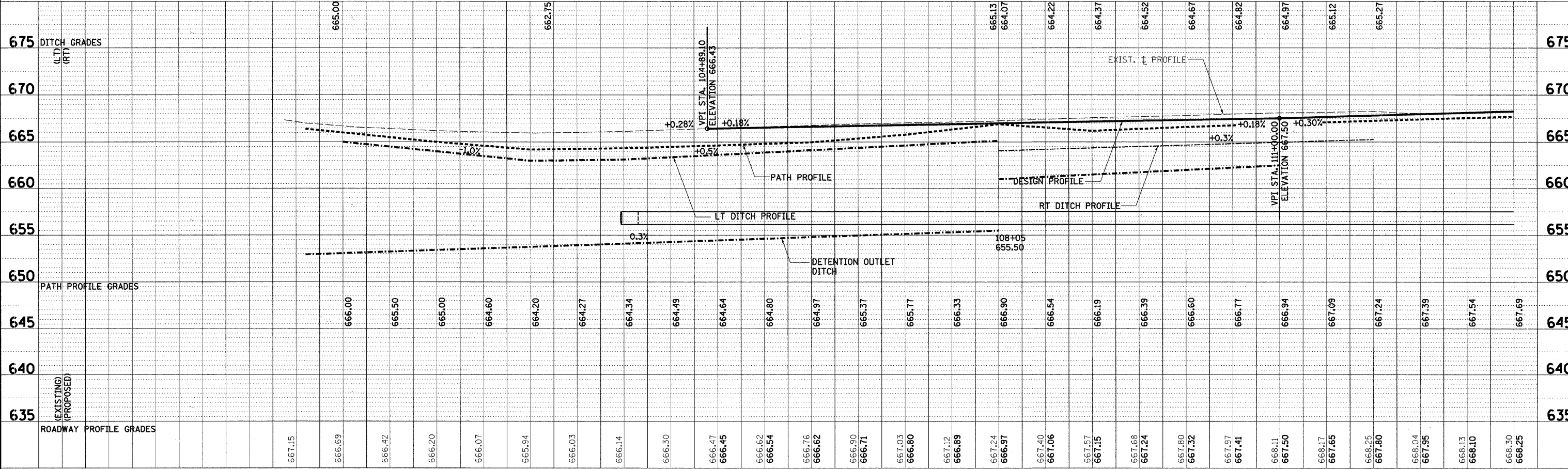
CURVE OR-1
P.I. STA= 106+47.38
 $\Delta = 2^\circ 42' 51''$ (LT)
D= 0° 51' 25"
R=6,685,000
T= 158.374
L= 316.690
E= 1.876
P.C. STA= 104+89.01
P.T. STA= 108+05.70

PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (STD 420106)
AGGREGATE SUBGRADE, 12"



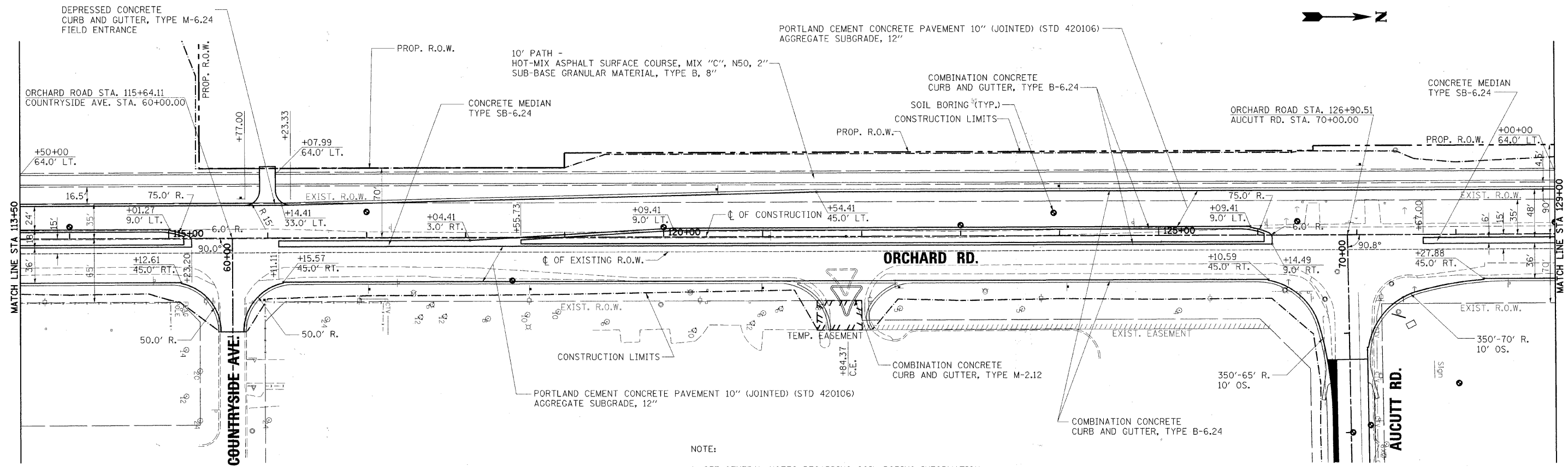
PLAN	REVISION	DATE
NO.	NO.	NO.
BY	BY	BY
DATE	DATE	DATE
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PROFILE	REVISION	DATE
NO.	NO.	NO.
BY	BY	BY
DATE	DATE	DATE
NO.	NO.	NO.

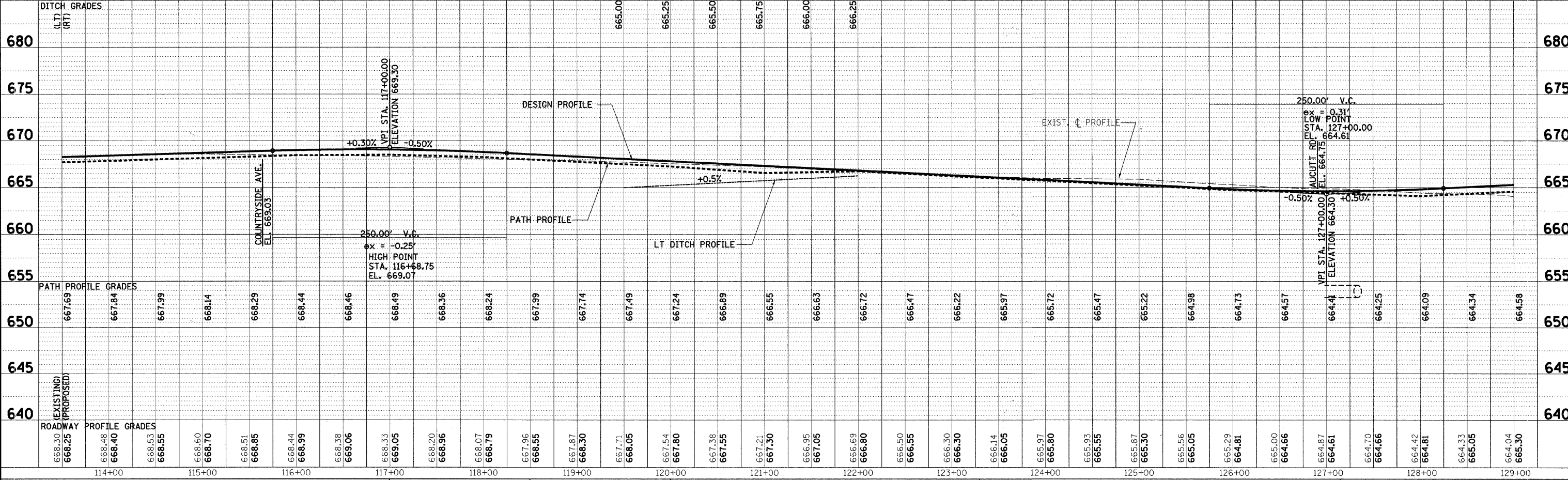


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REVISIONS	
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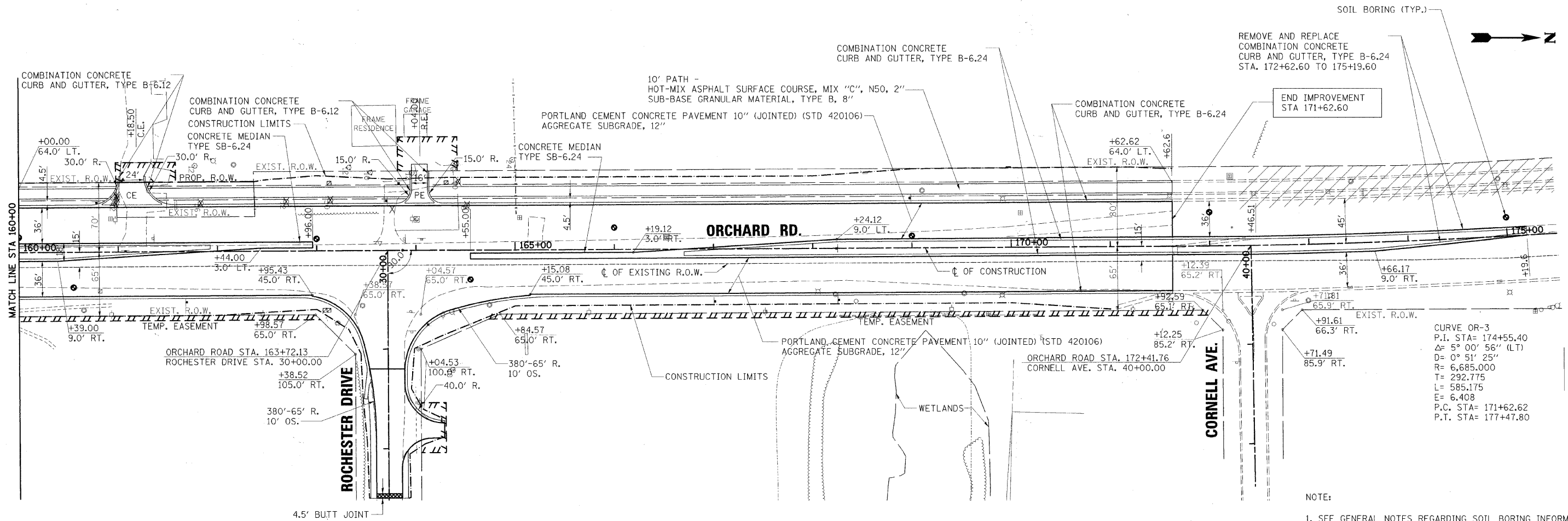


NOTE:
1. SEE GENERAL NOTES REGARDING SOIL BORING INFORMATION.

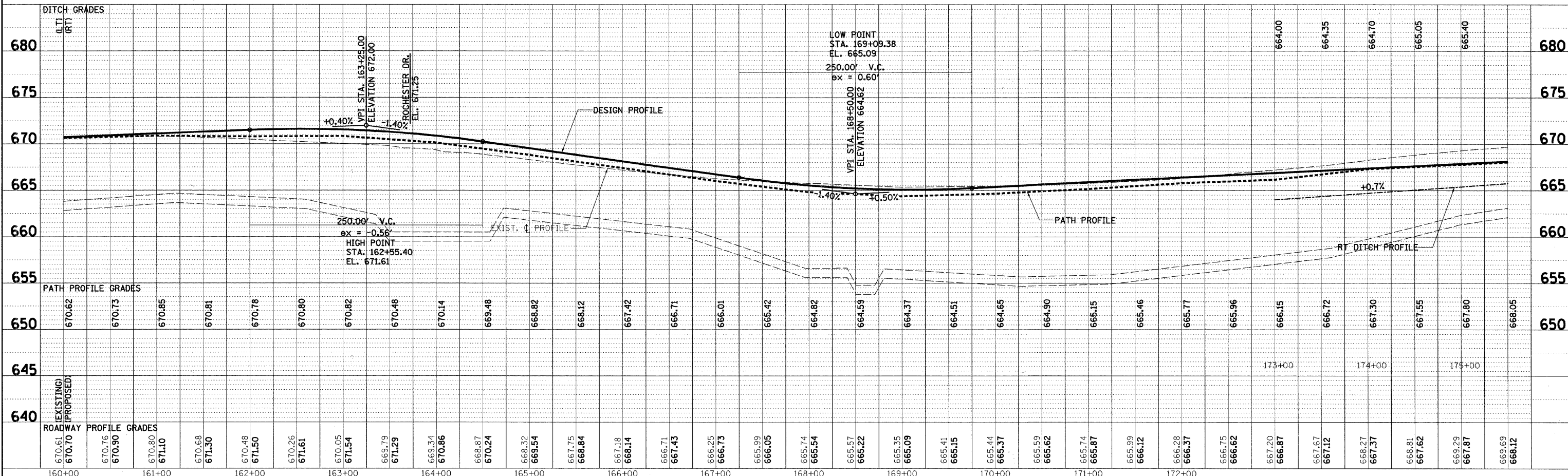


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DATE	BY



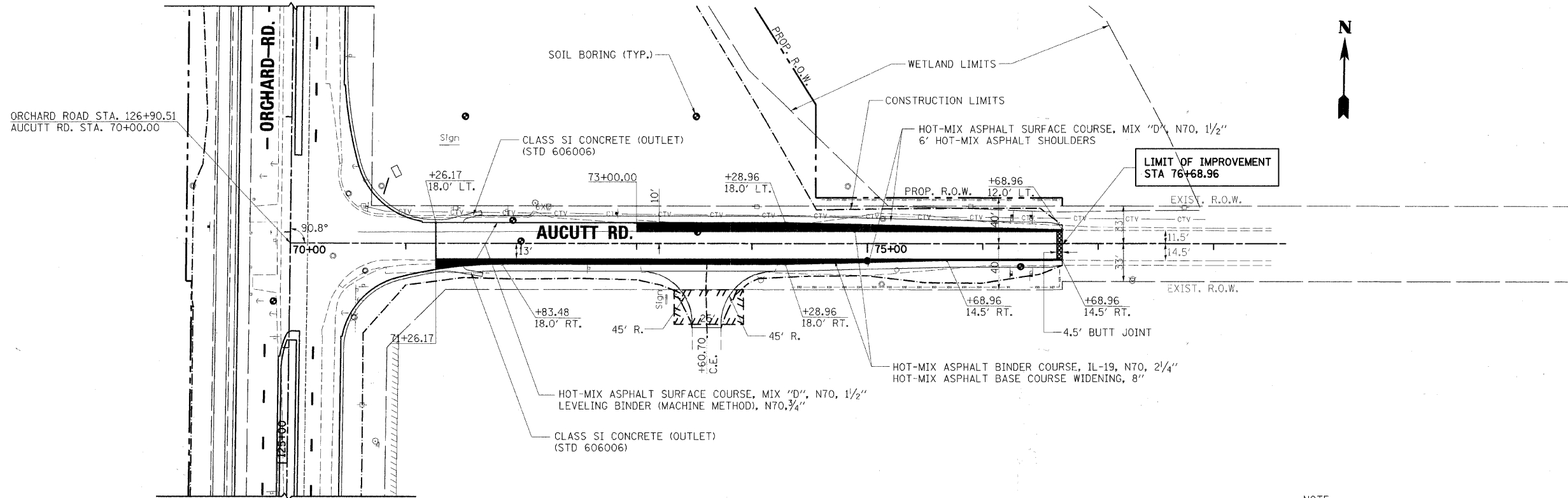
NOTE:
1. SEE GENERAL NOTES REGARDING SOIL BORING INFORMATION.



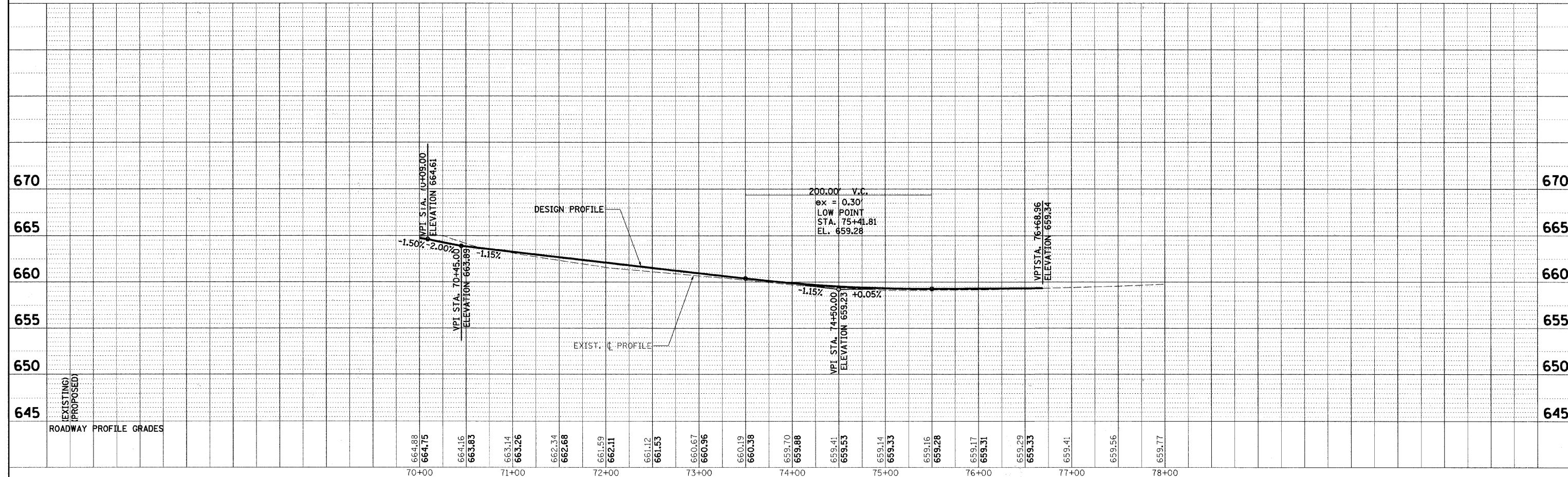
rjngroup Excellence through Ownership 200 West Front Street Wheaton, IL 60187	DESIGNED - MK	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION ORCHARD ROAD RECONSTRUCTION	ORCHARD ROAD PLAN AND PROFILE STA. 160+00 TO STA. 175+50	F.A.P. RT. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 57
	DRAWN - DW	REVISED -			CONTRACT NO. 63541				
	CHECKED - MH	REVISED -			SCALE: 1" = 50'	SHEET NO. 5 OF 7 SHEETS	STA. 160+00.00 TO STA. 175+00.00	ILLINOIS FED. AID PROJECT	
	DATE 12/20/2010	REVISED -							

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REVISIONS	
1. PLOTTED	
2. ALIGNED CHECKED	
3. NOTE BOOK	
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2. GRADES CHECKED	
3. STRUCTURE NOTATING CIPD	
4. NO.	



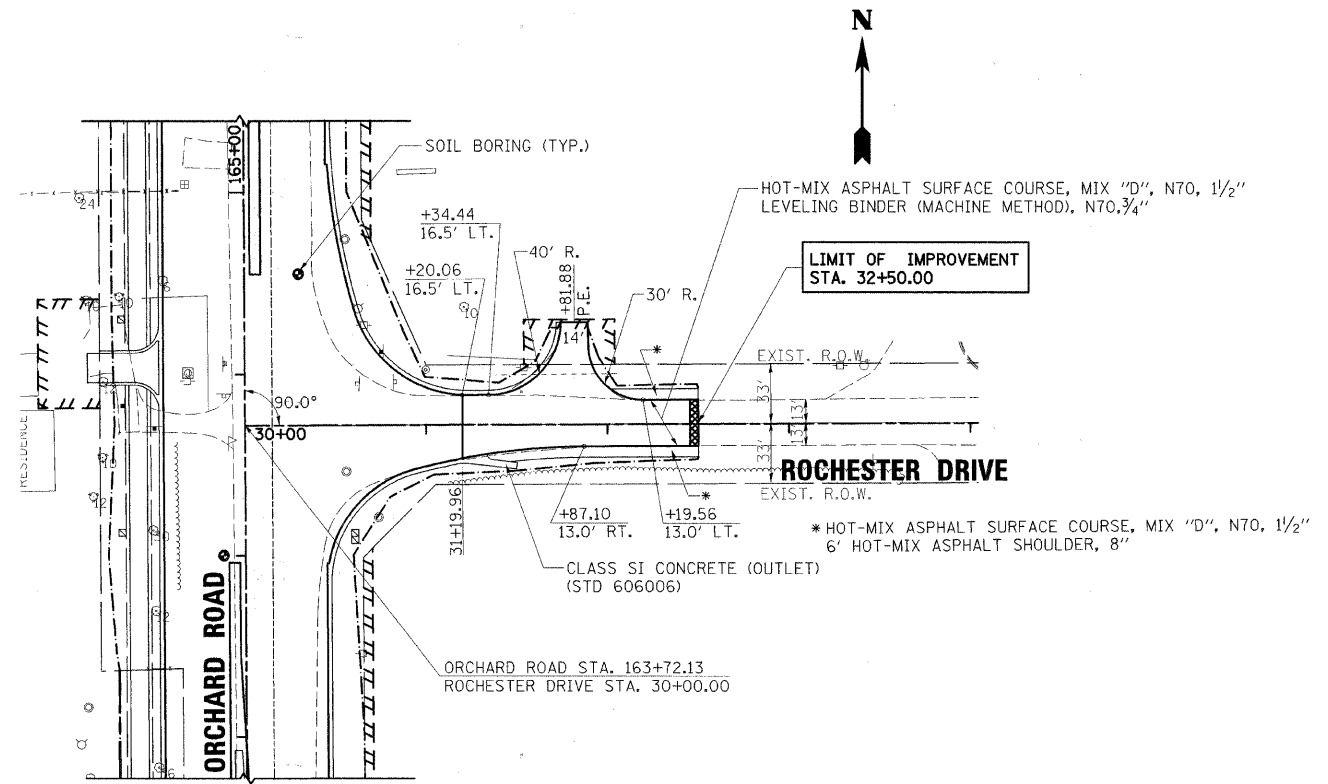
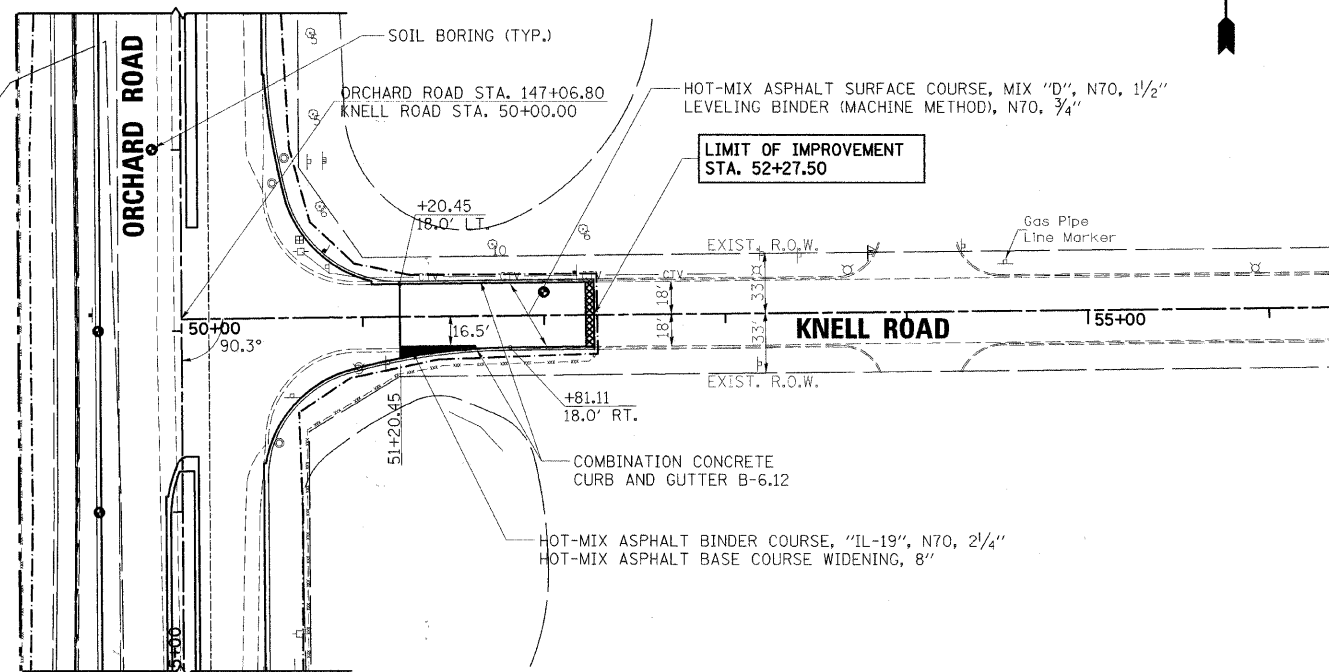
NOTE:
1. SEE GENERAL NOTES REGARDING SOIL BORING INFORMATION.



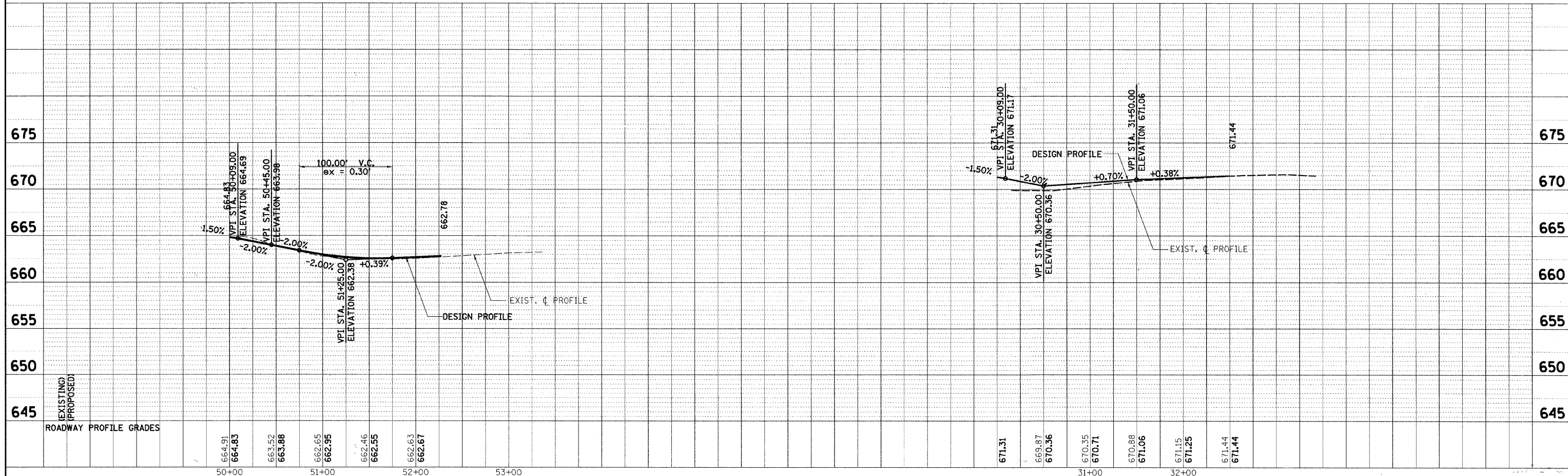
<p>Excellence through Ownership</p>	DESIGNED - MK	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION ORCHARD ROAD RECONSTRUCTION	AUCUTT ROAD PLAN AND PROFILE	F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 58	
	DRAWN - DW	REVISED -								
	CHECKED - MH	REVISED -								
	DATE - 12/20/2010	REVISED -								
SCALE: 1" = 50'					SHEET NO. 6 OF 7 SHEETS STA. 70+00.00 TO STA. 78+00.00					
ILLINOIS FED. AID PROJECT CONTRACT NO. 63541										

PLAN	DATE
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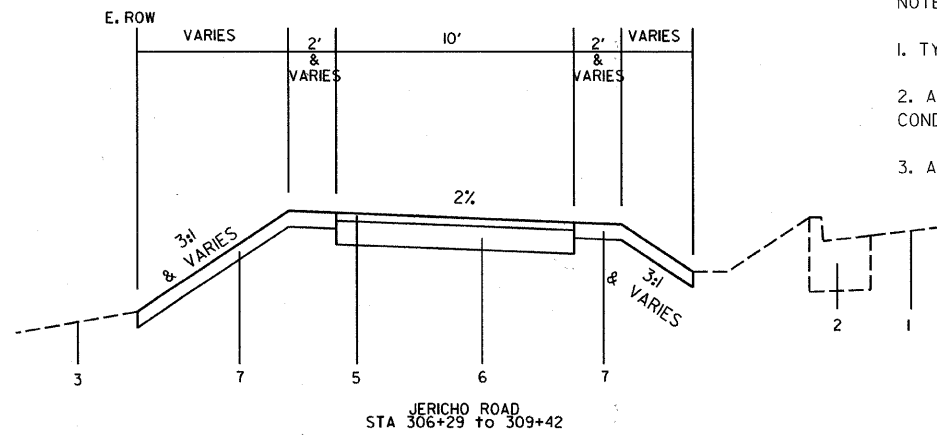


NOTE:
1. SEE GENERAL NOTES REGARDING SOIL BORING INFORMATION.



DESIGNED	- MK	REVISED	-
DRAWN	- DW	REVISED	-
CHECKED	- MH	REVISED	-
DATE	- 12/20/2010	REVISED	-

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	59
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



NOTES:

1. TYPICAL SECTIONS SHOWN FOR PAVEMENT COMPOSITION ONLY.
2. ALL SIDE SLOPES AND GRADES ARE TO BE PER THE CROSS SECTIONS. SIDE SLOPE CONDITIONS SHOWN IN THE TYPICAL SECTIONS ARE GENERIC AND NOT TYPICAL.
3. ALL STATIONING REFERS TO JERICHO ROAD CENTERLINE STATIONING.

LEGEND

- ① EXISTING PCC PAVEMENT
- ② EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- ③ EXISTING GROUND LINE
- ④ PROPOSED PRECAST MODULAR RETAINING WALL, HEIGHT VARIES
- ⑤ PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ⑥ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE B, 8"
- ⑦ PROPOSED TOPSOIL, FURNISH AND PLACE, 4"

FES 1
STA 308+73; 37' L
18" FLARED END SECTION
WITH GRATE
IE 669.10 ME

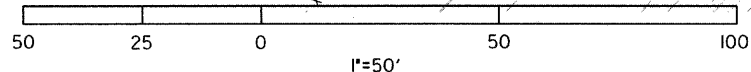
FES 2
STA 309+13; 52' L
18" FLARED END SECTION
WITH GRATE
IE 668.76 ME

PROJECT BEGINS
STA 306+21

PROJECT ENDS
STA 309+42

EXISTING BIKEPATH

GRAPHIC SCALE



40 LF - 18" RCP
CL A @ 0.86%

FES 1

FES 2

HANDHOLE

PROP URETHANE PAVEMENT MARKING 6"

PROP COMB CURB & GUTTER REMOVAL
PROP COMB CONC CURB & GUTTER, TY B-6.24
PROP DETECTABLE WARNINGS
PROP PCC SIDEWALK

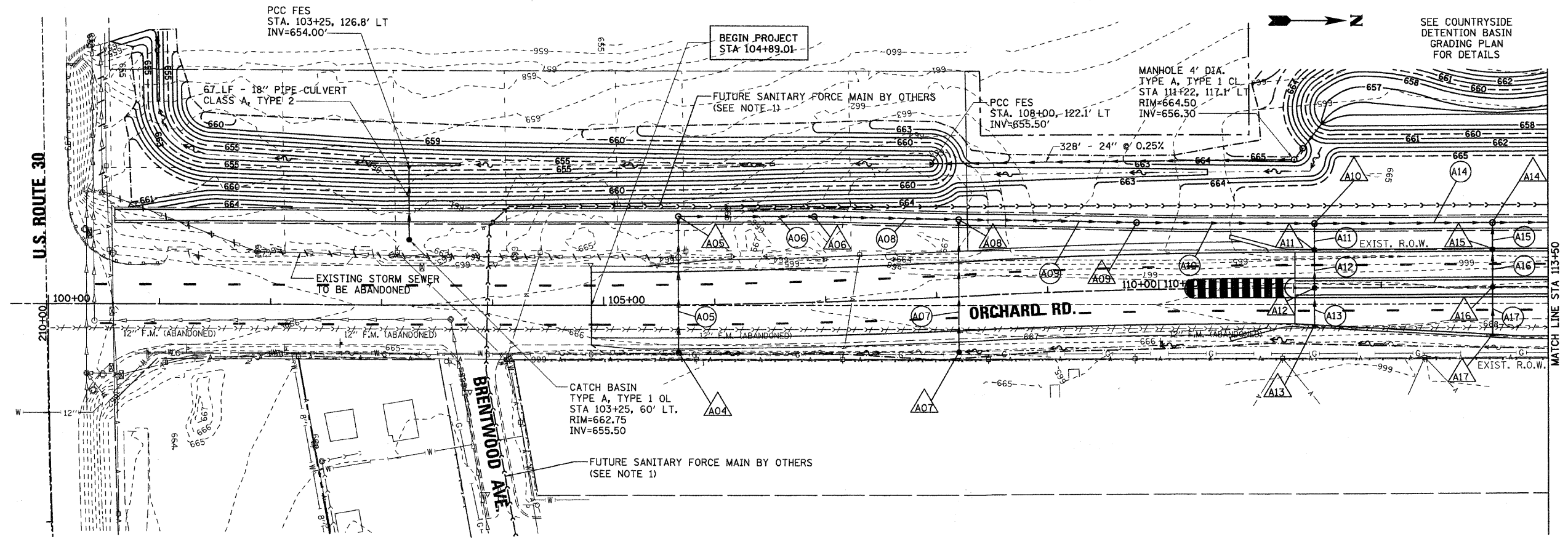
BIKEPATH

PROP HMA SURF CSE, MIX C, N50, 2"
PROP SUB GRAN MATL, TY B, 8"

LEGEND

- PROP SIGNAL POST
- ⊙ PROP PED PUSH BUTTON
- PROP SIGNAL HEAD, PED
- ◇ TEMP DITCH CHECK

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	JERICHO ROAD BIKEPATH			F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 60
#FILEL#		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.		
		CHECKED -	REVISED -									
		DATE -	REVISED -									

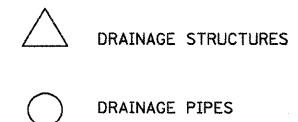


DRAINAGE STRUCTURE TABLE

NO.	STATION	OFFSET (FT)	STRUCTURE TYPE			DIA.	FRAME	RIM	NORTH INVERT	SOUTH INVERT	WEST INVERT	EAST INVERT	RESTRICTED DEPTH
			MH	CB	INLET								
A04	105+66.82	43.31 RT.		A		4'	T-8	664.50	---	---	662.65	---	X
A05	105+68.30	80.54 LT.	A			4'	T-1, CL	664.77	662.05	---	662.05	---	X
A06	106+92.16	77.95 LT.	A			4'	T-1, CL	665.61	661.46	661.46	---	---	X
A07	108+17.58	50.74 RT.		A		5'	T-8	664.00	---	---	661.18	---	X
A08	108+23.04	70.21 LT.	A			5'	T-1, CL	666.10	660.83	660.83	660.83	---	X
A09	109+81.29	61.38 LT.	A			5'	T-1, CL	666.42	660.04	660.04	---	---	X
A10	111+40.00	59.00 LT.	A			5'	T-1, CL	666.96	659.26	659.26	659.26	---	X
A11	111+40.00	35.08 LT.		A		4'	T-24 F&G	667.14	---	659.36	659.36	---	X
A12	111+40.00	0.00		A		4'	T-8	667.56	---	659.51	659.51	---	X
A13	111+40.02	34.83 RT.			A	2'	T-24 F&G	667.12	---	659.68	---	---	X
A14	113+00.00	59.00 LT.	A			5'	T-1, CL	667.44	658.47	658.47	658.47	---	X
A15	113+00.00	34.79 LT.		A		4'	T-24 F&G	667.62	---	658.58	658.58	---	X
A16	113+00.00	0.00		A		4'	T-8	668.04	---	658.73	658.73	---	X
A17	113+00.02	44.20 RT.			A	2'	T-24 F&G	667.36	---	658.95	---	---	X

PIPE TABLE

NO.	STRUCTURE - STRUCTURE	TYPE	DIA.	LIN. FT.	T.B. CU. YD.
A05	A05 TO A04	1	12"	121	26.02
A06	A05 TO A06	2	12"	122	41.60
A07	A08 TO A07	2	24"	119	100.67
A08	A08 TO A08	2	12"	130	94.64
A09	A08 TO A09	2	24"	160	161.44
A10	A09 TO A10	2	24"	160	200.48
A11	A10 TO A11	2	12"	24	---
A12	A11 TO A12	2	12"	35	43.44
A13	A12 TO A13	2	12"	35	42.32
A14	A10 TO A14	2	24"	160	246.24
A15	A14 TO A15	2	12"	24	---
A16	A15 TO A16	2	12"	35	50.23
A17	A16 TO A17	2	12"	44	61.69



NOTES:

1. FUTURE SANITARY FORCE MAIN SHOWN PER PLANS PROVIDED BY WALTER E. DEUCHLER ASSOCIATES, INC. DATED 06-19-2009.
2. CONTRACTOR SHALL REMOVE PORTIONS OF ABANDONED FORCE MAIN FROM STA 104+89 TO STA. 127+00 WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS. EXPOSED ENDS OF ABANDONED FORCE MAIN SHALL BE SEALED WITH CLASS SI CONCRETE OR BRICK AND MORTAR PRIOR TO BACKFILLING THE TRENCH.
3. RESTRICTED DEPTH MANHOLES AND RESTRICTED DEPTH CATCH BASINS SHALL NOT BE PAID FOR AS A SEPARATE ITEM BUT AS THE STRUCTURE OF SPECIFIED DIAMETER, TYPE AND CASTING.

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 12/17/2010
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200 West Front Street
Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

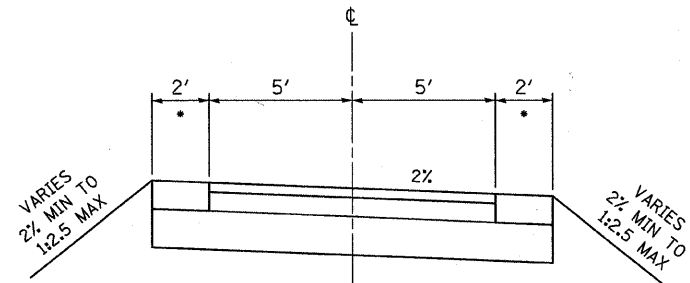
**ORCHARD ROAD
DRAINAGE AND UTILITIES PLAN
STA. 104+00 TO STA. 113+50**

SCALE: 1" = 50'
SHEET NO. 1 OF 11 SHEETS STA. 100+00.00 TO STA. 113+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	61
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

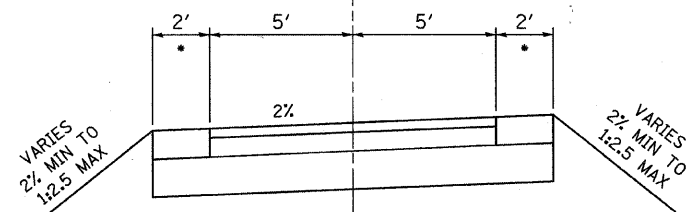
SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	LOCATION	LENGTH (FT)	WIDTH (FT)	QUANTITY
21101625	TOPSOIL FURNISH AND PLACE, 6"	0+00.00 TO 7+25.10	725.10	4	322 SQ YD
25000210	SEEDING, CLASS 2A	0+00.00 TO 7+25.10	725.10	4	0.07 ARCE
25000400	NITROGEN FERT NUTRIENT	0+00.00 TO 7+25.10	725.10	4	4 POUND
25000500	PHOSPHORUS FERT NUTRIENT	0+00.00 TO 7+25.10	725.10	4	4 POUND
25000600	POTASSIUM FERT NUTRIENT	0+00.00 TO 7+25.10	725.10	4	4 POUND
25100630	EROSION CONTROL BLANKET	0+00.00 TO 7+25.10	725.10	4	322 SQ YD
31101600	SUB-BASE GRAN MATL, TY B, 8"	0+00.00 TO 7+25.10	725.10	14	1128 SQ YD
35101600	AGG BASE CRSE, TY B, 4"	0+00.00 TO 7+25.10	725.10	10	806 SQ YD
40603310	HMA SURF CRSE, MIX C, N50, 2"	0+00.00 TO 7+25.10	725.10	10	93 TON

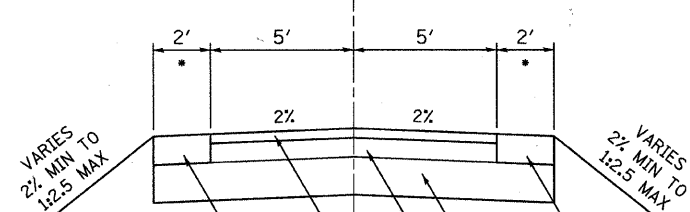


STA. 0+84.86 TO STA. 1+97.87

NOTE: TRANSITION FROM 2% CROSS SLOPE TO MEET PATH ALONG ORCHARD ROAD, STA. 0+00 TO STA. 0+97.07



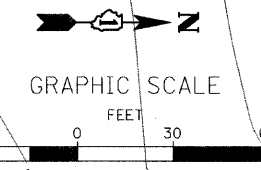
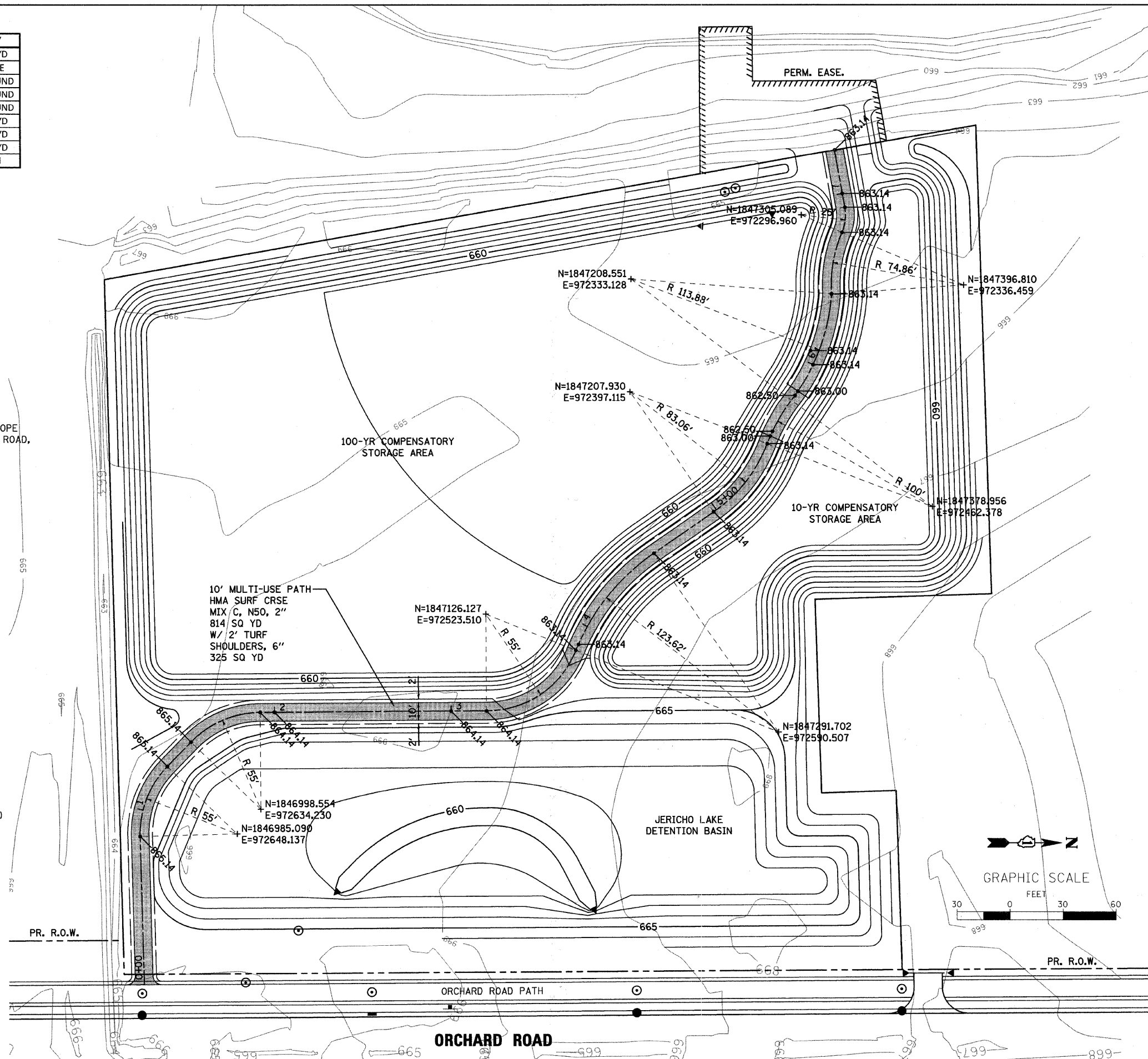
STA. 3+20.07 TO STA. 3+85.00



STA. 4+00.00 TO STA. 7+25.10

* TURF SHOULDRS SHALL INCLUDE THE FOLLOWING:
TOPSOIL FURNISH AND PLACE, 6"
SEEDING, CLASS 2A W/ FERTILIZATION
EROSION CONTROL BLANKET

MULTI-USE PATH TYPICAL SECTIONS



FILE NAME = P:\CBBL WEST Projects\2002-02-09\17\Civil\Design\Multi-use Path Plan\Plan_Sht.dgn

WILLS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174

USER NAME = nporris	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = 3/18/2011	CHECKED -	REVISED -
	DATE -	REVISED -

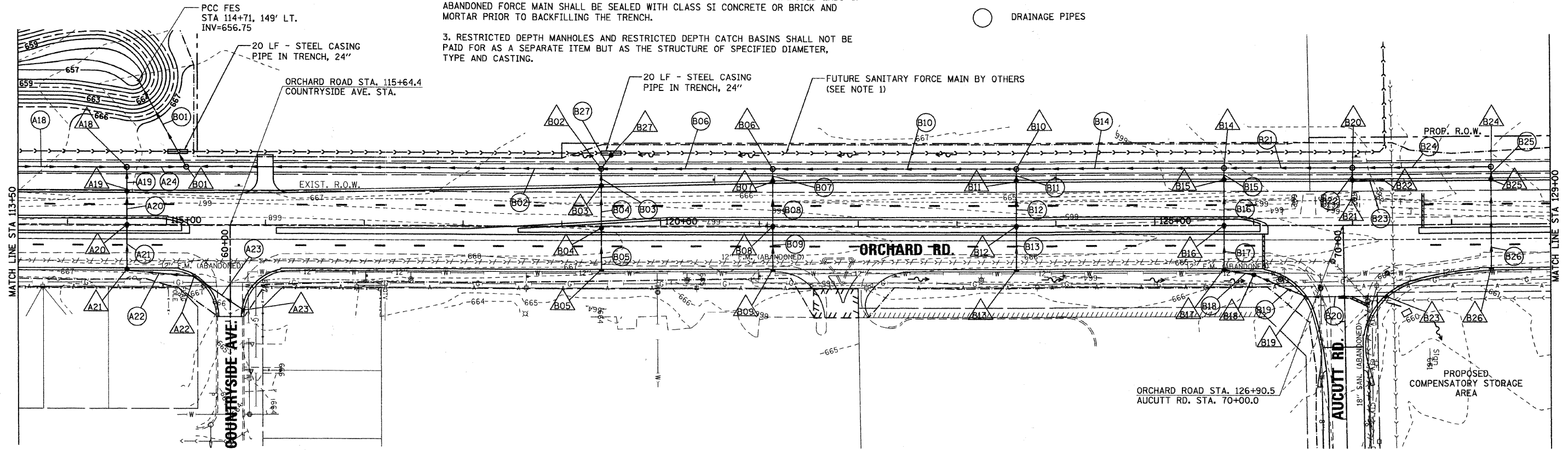
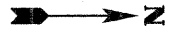
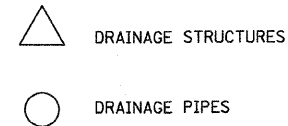
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED MULTI-USE PATH ORCHARD ROAD PONDS			
SCALE: 1"=30'	SHEET NO. OF SHEETS	STA. TO STA.	F.A.P. RTE. 336

SECTION 99-00232-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 60A
CONTRACT NO.		ILLINOIS FED. AID PROJECT	

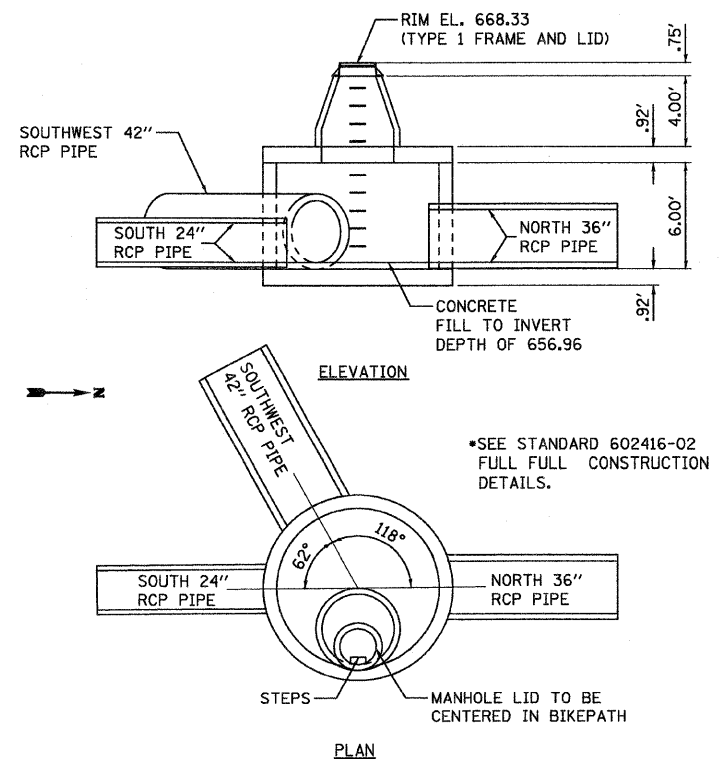
NOTES:

1. FUTURE SANITARY FORCE MAIN SHOWN PER PLANS PROVIDED BY WALTER E. DEUCHLER ASSOCIATES, INC. DATED 06-19-2009.
2. CONTRACTOR SHALL REMOVE PORTIONS OF ABANDONED FORCE MAIN FROM STA 104+89 TO STA. 127+00 WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS. EXPOSED ENDS OF ABANDONED FORCE MAIN SHALL BE SEALED WITH CLASS SI CONCRETE OR BRICK AND MORTAR PRIOR TO BACKFILLING THE TRENCH.
3. RESTRICTED DEPTH MANHOLES AND RESTRICTED DEPTH CATCH BASINS SHALL NOT BE PAID FOR AS A SEPARATE ITEM BUT AS THE STRUCTURE OF SPECIFIED DIAMETER, TYPE AND CASTING.



NO.	STATION	OFFSET (FT)	STRUCTURE TYPE			DIA.	FRAME	RIM	NORTH INVERT	SOUTH INVERT	WEST INVERT	EAST INVERT	RESTRICTED DEPTH
			MH	CB	INLET								
A18	114+60.00	59.00 LT.	A			5'	T-1, CL	667.92	657.57	---	663.59	X	
A19	114+60.00	34.30 LT.	A			4'	T-24 F&G	668.10	---	663.67	663.67	X	
A20	114+60.00	0.00	A			4'	T-8	668.52	---	663.76	663.76	X	
A21	114+59.96	46.04 RT.	A			4'	T-24 F&G	667.80	663.89	663.89	---	X	
A22	115+27.31	54.40 RT.	A			4'	T-24 F&G	666.90	664.15	664.15	---	X	
A23	115+78.44	88.71 RT.			A	2'	T-24 F&G	666.00	---	---	---	X	
B01	115+20.00	63.13 LT.	A			8'	T-1, CL	668.33	656.96	656.96	---	X	
B02	119+40.00	59.00 LT.	A			5'	T-1, CL	667.44	657.80	659.50	661.04	X	
B03	119+40.00	41.60 LT.		A		4'	T-24 F&G	667.44	---	661.91	661.91	X	
B04	119+40.00	2.04 RT.		A		4'	T-8	668.07	---	662.10	662.10	X	
B05	119+40.07	45.80 RT.		A	A	2'	T-24 F&G	667.32	---	662.30	---	X	
B06	121+13.54	59.00 LT.	A			5'	T-1, CL	666.17	658.21	658.21	---	X	
B07	121+13.54	46.33 LT.		A		4'	T-24 F&G	666.27	---	660.86	660.86	X	
B08	121+13.54	0.00		A		4'	T-8	669.99	---	661.07	661.07	X	
B09	121+13.61	45.80 RT.			A	2'	T-24 F&G	666.27	---	661.29	---	X	
B10	123+60.00	59.00 LT.	A			5'	T-1, CL	666.02	659.12	658.62	---	X	
B11	123+60.00	46.90 LT.		A		4'	T-24 F&G	665.22	---	659.81	659.81	X	
B12	123+60.00	0.00		A		4'	T-8	665.94	---	660.02	660.02	X	
B13	123+60.06	45.80 RT.			A	2'	T-24 F&G	665.22	---	660.24	---	X	
B14	125+70.00	59.00 LT.	A			5'	T-1, CL	664.97	659.95	659.95	---	X	
B15	125+70.00	46.84 LT.		A		4'	T-24 F&G	664.17	---	660.02	660.02	X	
B16	125+70.00	0.00		A		4'	T-8	664.89	---	660.15	660.15	X	
B17	125+70.02	46.13 RT.		A		4'	T-24 F&G	664.17	660.28	660.28	---	X	
B18	126+00.00	51.50 RT.		A		4'	T-8	664.00	660.36	660.36	---	X	
B19	126+52.96	74.86 RT.		A		4'	T-24 F&G	663.20	660.64	660.64	---	X	
B20	127+00.00	59.00 LT.	A			4'	T-1, CL	664.63	660.58	660.33	---	X	
B21	127+00.00	46.26 LT.		A		4'	T-24 F&G	663.83	660.89	660.89	---	X	
B22	127+30.00	46.26 LT.			A	2'	T-24 F&G	663.85	---	661.03	---	X	
B23	127+33.38	74.53 RT.			A	2'	T-24 F&G	663.10	---	660.95	---	X	
B24	128+40.00	59.00 LT.	A			4'	T-1, CL	664.18	---	661.12	---	X	
B25	128+40.00	46.24 LT.		A		4'	T-24 F&G	664.22	---	661.20	661.45	X	
B26	128+39.95	46.16 RT.			A	2'	T-24 F&G	664.22	---	661.89	---	X	
B27	119+50.00	73.00 LT.			A	4'	T-8	665.00	---	---	660.00	X	

NO.	STRUCTURE - STRUCTURE	TYPE	DIA.	LIN. FT.	T.B. CU. YD.
A18	A14 TO A18	2	24"	157	279.93
A19	A18 TO A19	2	12"	25	23.66
A20	A19 TO A20	2	12"	34	30.54
A21	A20 TO A21	2	12"	46	7.31
A22	A21 TO A22	1	12"	92	219.56
A23	A22 TO A23	1	12"	34	---
A24	A18 TO B01	2	24"	60	---
B01	OUTLET TO B01	2	42"	101	824.63
B02	B01 TO B02	2	36"	420	39.07
B03	B02 TO B03	2	15"	17	37.66
B04	B03 TO B04	2	12"	44	305.37
B05	B04 TO B05	2	12"	44	---
B06	B06 TO B02	2	36"	174	51.20
B07	B06 TO B07	2	15"	13	49.73
B08	B07 TO B08	2	12"	46	362.36
B09	B08 TO B09	2	12"	46	---
B10	B06 TO B10	2	30"	246	---
B11	B10 TO B11	2	15"	12	41.74
B12	B11 TO B12	2	12"	47	39.38
B13	B12 TO B13	2	12"	46	220.29
B14	B10 TO B14	2	24"	210	---
B15	B14 TO B15	2	18"	12	33.84
B16	B15 TO B16	2	18"	47	31.46
B17	B16 TO B17	2	18"	46	---
B18	B17 TO B18	1	15"	30	17.42
B19	B18 TO B19	1	12"	58	98.28
B20	B19 TO B23	1	12"	81	---
B21	B14 TO B20	2	18"	130	---
B22	B20 TO B21	2	12"	13	8.34
B23	B21 TO B22	1	12"	30	52.50
B24	B20 TO B24	1	15"	140	---
B25	B24 TO B25	1	15"	13	---
B26	B25 TO B26	1	12"	92	21.71
B27	B02 TO B27	2	12"	17	---



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12/17/2010
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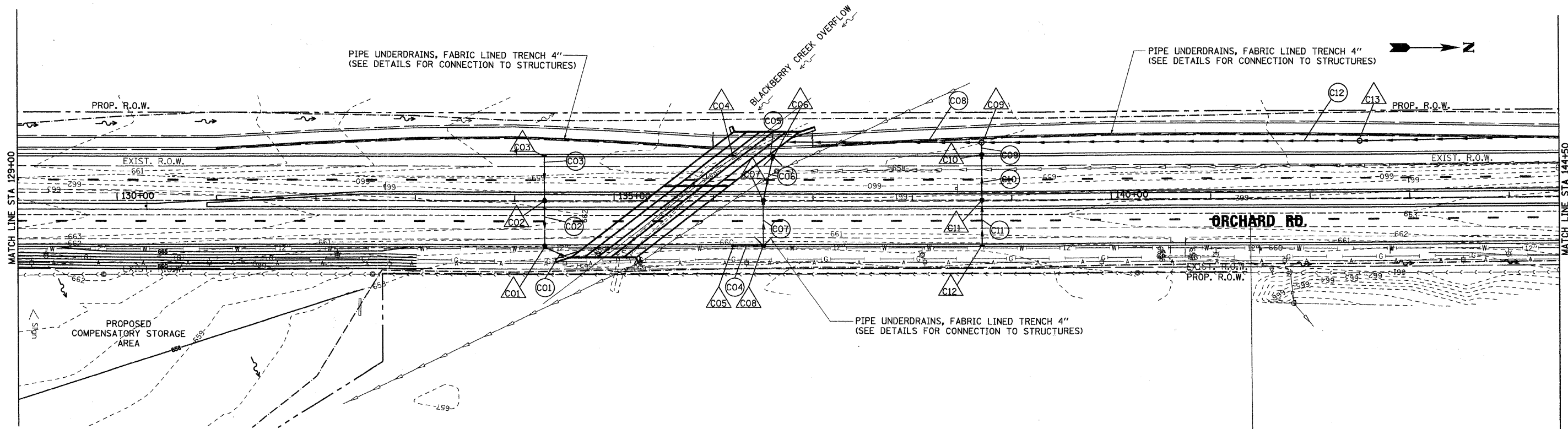
200 West Front Street
Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

ORCHARD ROAD
DRAINAGE AND UTILITIES PLAN
STA. 113+50 TO STA. 129+00
SCALE: 1" = 50'
SHEET NO. 2 OF 11 SHEETS STA. 113+50.00 TO STA. 129+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	62
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

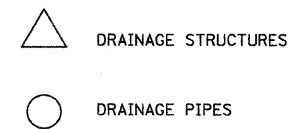


DRAINAGE STRUCTURE TABLE

NO.	STATION	OFFSET (FT)	STRUCTURE TYPE			DIA.	FRAME	RIM	NORTH INVERT	SOUTH INVERT	WEST INVERT	EAST INVERT	RESTRICTED DEPTH
			MH	CB	INLET								
C01	134+30.00	46.19 RT.		A		4'	T-24 F&G	664.20	---	658.79	658.79	---	
C02	134+30.00	0.00		A		4'	T-8	664.92	---	659.00	659.00	---	
C03	134+29.93	45.80 LT.			A	2'	T-24 F&G	664.20	---	---	659.22	---	
C04	136+20.07	45.87 LT.			A	2'	T-24 F&G	663.58	---	---	---	---	
C05	136+20.07	46.63 RT.			A	2'	T-24 F&G	663.58	658.96	---	---	---	
C06	136+60.00	45.00 LT.		A		4'	T-24 F&G	663.57	---	658.16	658.16	---	
C07	136+50.00	0.21 LT.		A		4'	T-8	664.29	---	658.38	658.38	---	
C08	136+50.00	46.40 RT.		A		4'	T-24 F&G	663.57	658.82	658.57	---	---	
C09	138+70.00	59.00 LT.	A			5'	T-1, CL	660.86	657.10	657.10	658.35	X	
C10	138+70.00	46.69 LT.		A		4'	T-24 F&G	664.20	---	658.42	658.67	---	
C11	138+70.00	0.00		A		4'	T-8	664.92	---	658.88	658.88	---	
C12	138+69.93	46.70 RT.			A	2'	T-24 F&G	664.20	---	659.10	---	---	
C13	142+49.99	58.85 LT.	A			5'	T-1, CL	662.04	657.66	657.66	---	X	

PIPE TABLE

NO.	STRUCTURE - STRUCTURE	TYPE	DIA.	LIN. FT.	T.B. CU. YD.
C01	OUTLET TO C01	2	15"	32	---
C02	C01 TO C02	2	12"	46	40.85
C03	C02 TO C03	2	12"	46	39.38
C04	C08 TO C05	2	12"	30	21.84
C05	OUTLET TO C06	2	18"	8	---
C06	C06 TO C07	2	15"	46	42.14
C07	C07 TO C08	2	15"	47	41.45
C08	OUTLET TO C09	1	30"	204	116.48
C09	C09 TO C10	2	15"	12	---
C10	C10 TO C11	2	12"	47	41.74
C11	C11 TO C12	2	12"	47	40.23
C12	C09 TO C13	1	27"	380	---



NOTES:

- FUTURE SANITARY FORCE MAIN, FOX METRO WATER RECLAMATION DISTRICT (FMWRD) EASEMENT AND 10' PERMANENT SANITARY EASEMENT SHOWN PER PLANS PROVIDED BY WALTER E. DEUHLER ASSOCIATES, INC. DATED 06-19-2009.
- CONTRACTOR SHALL REMOVE PORTIONS OF ABANDONED FORCE MAIN FROM STA 104+89 TO STA. 127+00 WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS. EXPOSED ENDS OF ABANDONED FORCE MAIN SHALL BE SEALED WITH CLASS SI CONCRETE OR BRICK AND MORTAR PRIOR TO BACKFILLING THE TRENCH.
- RESTRICTED DEPTH MANHOLES AND RESTRICTED DEPTH CATCH BASINS SHALL NOT BE PAID FOR AS A SEPARATE ITEM BUT AS THE STRUCTURE OF SPECIFIED DIAMETER, TYPE AND CASTING.

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 12/17/2010
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200 West Front Street
Wheaton, IL 60187

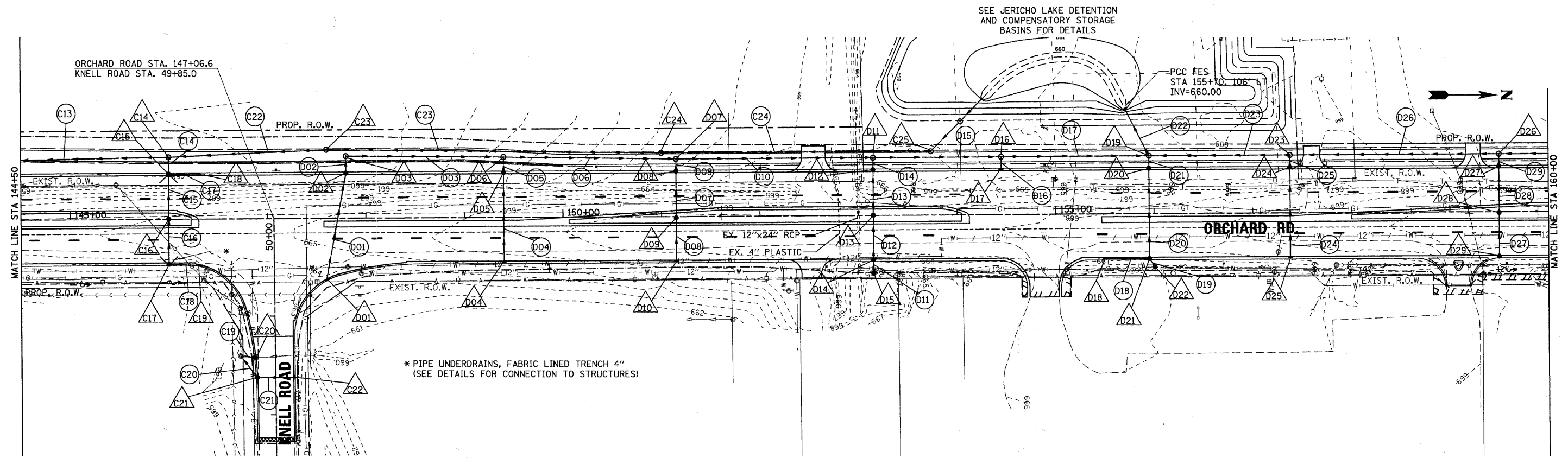
DESIGNED -	MK	REVISED -	
DRAWN -	DW	REVISED -	
CHECKED -	MH	REVISED -	
DATE -	12/20/2010	REVISED -	

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**ORCHARD ROAD
DRAINAGE AND UTILITIES PLAN
STA. 129+00 TO STA. 144+50**

SCALE: 1" = 50' SHEET NO. 3 OF 11 SHEETS STA. 129+00.00 TO STA. 144+50.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 63
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

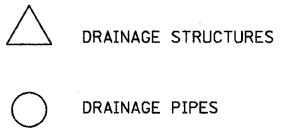


DRAINAGE STRUCTURE TABLE

NO.	STATION	OFFSET (FT)	STRUCTURE TYPE	DIA.	FRAME	RIM	NORTH INVERT	SOUTH INVERT	WEST INVERT	EAST INVERT	RESTRICTED DEPTH
C14	146+00.02	63.40 LT.	A	5'	T-1, CL	662.44	658.18	658.18	---	658.93	X
C15	146+00.00	46.48 LT.	A	4'	T-24 F&G	663.83	659.53	---	659.03	659.28	X
C16	146+00.00	0.04 LT.	A	4'	T-B	664.55	---	---	659.49	659.49	X
C17	146+00.00	46.52 RT.	A	4'	T-24 F&G	663.83	659.96	---	659.71	---	X
C18	146+29.94	46.70 LT.	A	2'	T-24 F&G	663.85	---	659.67	---	---	X
C19	146+29.84	47.56 RT.	A	2'	T-24 F&G	663.78	---	660.10	---	---	X
C20	146+86.92	141.76 RT.	A	4'	T-24 F&G	662.18	658.76	658.76	---	---	X
C21	146+88.85	161.79 RT.	A	4'	T-24 F&G	662.16	658.74	658.74	---	---	X
C22	147+25.87	161.80 RT.	A	2'	T-24 F&G	662.18	---	658.92	---	---	X
C23	147+60.00	69.93 LT.	A	4'	T-1, CL	662.83	658.41	658.41	---	---	X
C24	151+00.00	65.00 LT.	A	4'	T-1, CL	665.71	658.92	658.92	---	---	X
C25	153+73.61	65.00 LT.	A	4'	T-1, CL	667.08	---	659.32	659.32	---	X
D01	147+60.32	63.03 RT.	A	2'	T-24 F&G	663.89	---	---	661.65	---	X
D02	147+80.00	46.30 LT.	A	4'	T-24 F&G	664.42	---	---	661.22	661.22	X
D03	147+80.00	63.40 LT.	A	4'	T-1, CL	663.02	661.16	---	---	661.16	X
D04	149+40.07	45.80 RT.	A	2'	T-24 F&G	665.22	---	---	661.43	660.99	X
D05	149+40.00	46.13 LT.	A	4'	T-24 F&G	665.22	---	---	660.99	660.99	X
D06	149+40.00	61.76 LT.	A	4'	T-1, CL	663.98	660.92	660.92	---	660.92	X
D07	151+15.00	59.00 LT.	A	5'	T-1, CL	666.06	660.66	660.66	---	660.66	X
D08	151+15.00	46.46 LT.	A	4'	T-24 F&G	666.10	---	---	660.70	660.70	X
D09	151+15.00	1.32 RT.	A	4'	T-B	666.86	---	---	660.92	660.92	X
D10	151+15.07	45.80 RT.	A	2'	T-24 F&G	666.10	---	---	661.13	---	X
D11	153+15.00	59.00 LT.	A	5'	T-1, CL	667.06	660.37	660.37	---	660.37	X
D12	153+14.80	46.76 LT.	A	4'	T-24 F&G	667.10	---	---	660.39	660.39	X
D13	153+15.00	0.00	A	4'	T-B	667.82	---	---	660.50	660.50	X
D14	153+15.00	45.72 RT.	A	4'	T-24 F&G	667.10	---	---	660.61	660.61	X
D15	153+15.00	59.18 RT.	A	4'	T-B	664.50	---	---	660.63	---	X
D16	154+45.00	59.00 LT.	A	5'	T-1, CL	667.66	660.24	660.24	---	660.95	X
D17	154+45.07	46.70 LT.	A	2'	T-24 F&G	667.70	---	---	660.99	---	X
D18	155+50.06	46.06 RT.	A	2'	T-24 F&G	668.12	660.69	---	---	---	X
D19	155+95.00	59.00 LT.	A	5'	T-1, CL	668.26	660.09	660.09	660.09	660.09	X
D20	155+94.99	46.43 LT.	A	4'	T-24 F&G	668.30	---	---	660.12	660.12	X
D21	155+94.99	46.38 RT.	A	4'	T-24 F&G	668.30	---	660.47	660.47	660.47	X
D22	156+00.48	54.94 RT.	A	4'	T-B	666.50	---	---	660.51	---	X
D23	157+38.00	59.00 LT.	A	5'	T-1, CL	668.86	660.64	660.64	---	662.42	X
D24	157+38.00	46.58 LT.	A	4'	T-24 F&G	668.90	---	---	662.46	662.46	X
D25	157+38.00	45.80 RT.	A	2'	T-24 F&G	668.90	---	---	662.90	---	X
D26	159+50.00	59.00 LT.	A	4'	T-1, CL	670.51	661.69	661.69	---	663.26	X
D27	159+50.00	46.49 LT.	A	4'	T-24 F&G	669.72	---	---	663.30	663.30	X
D28	159+50.00	0.92 RT.	A	4'	T-B	670.48	---	---	663.52	663.52	X
D29	159+50.00	45.85 RT.	A	2'	T-24 F&G	669.72	---	---	663.73	---	X

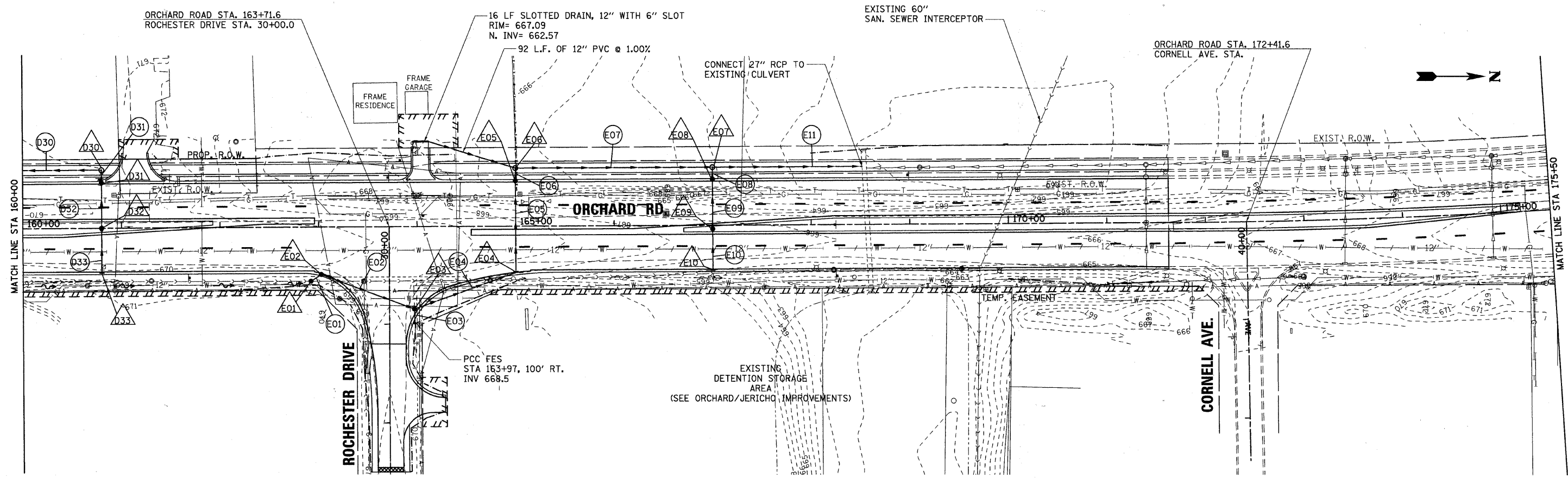
PIPE TABLE

NO.	STRUCTURE - STRUCTURE	TYPE	DIA.	LIN. FT.	T.B. CU. YD.
C13	C13 TO C14	1	27"	350	250.95
C14	C14 TO C15	2	18"	14	---
C15	C15 TO C16	2	15"	44	34.28
C16	C16 TO C17	2	15"	44	32.78
C17	C17 TO C18	2	12"	27	17.93
C18	C18 TO C19	1	12"	27	9.77
C19	OUTLET TO C20	1	12"	12	---
C20	OUTLET TO C21	1	12"	25	---
C21	C21 TO C22	1	12"	35	11.20
C22	C14 TO C23	1	18"	158	52.46
C23	C23 TO C24	2	18"	338	317.04
C24	C24 TO C25	2	18"	271	333.33
D01	D02 TO D01	1	12"	111	28.53
D02	D03 TO D02	1	15"	17	---
D03	D06 TO D03	1	15"	160	37.76
D04	D05 TO D04	2	12"	92	58.14
D05	D06 TO D05	2	12"	16	---
D06	D07 TO D06	2	21"	175	120.05
D07	D08 TO D07	2	12"	48	42.62
D08	D09 TO D08	2	12"	44	37.66
D09	D07 TO D08	2	15"	13	---
D10	D11 TO D07	2	24"	200	209.80
D11	D14 TO D15	2	27"	13	---
D12	D13 TO D14	2	36"	46	60.26
D13	D12 TO D13	2	36"	47	61.57
D14	D11 TO D12	2	36"	12	---
D15	D16 TO D11	2	42"	130	176.93
D16	D16 TO D17	2	12"	12	---
D17	D19 TO D16	2	42"	150	236.55
D18	D21 TO D18	2	12"	45	54.41
D19	D21 TO D22	2	24"	10	---
D20	D20 TO D21	2	27"	93	138.57
D21	D19 TO D20	2	27"	13	---
D22	OUTLET TO D19	2	42"	54	---
D23	D19 TO D23	2	24"	143	214.63
D24	D24 TO D25	2	12"	92	90.62
D25	D23 TO D24	2	15"	12	---
D26	D23 TO D26	2	15"	212	296.25
D27	D28 TO D29	2	12"	45	45.77
D28	D27 TO D28	2	12"	47	49.30
D29	D26 TO D27	2	12"	13	---



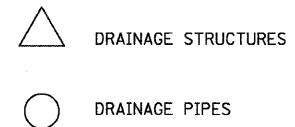
NOTES:

- CONTRACTOR SHALL REMOVE PORTIONS OF ABANDONED WATER MAIN FROM STA. 147+81 TO STA. 167+00 WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS. EXPOSED ENDS OF ABANDONED WATER MAIN SHALL BE SEALED WITH CLASS SI CONCRETE OR BRICK AND MORTAR PRIOR TO BACKFILLING TRENCH.
- RESTRICTED DEPTH MANHOLES AND RESTRICTED DEPTH CATCH BASINS SHALL NOT BE PAID FOR AS A SEPARATE ITEM BUT AS THE STRUCTURE OF SPECIFIED DIAMETER, TYPE AND CASTING.



NO.	STATION	OFFSET (FT)	STRUCTURE TYPE			DIA.	FRAME	RIM	NORTH INVERT	SOUTH INVERT	WEST INVERT	EAST INVERT	RESTRICTED DEPTH
			MH	CB	INLET								
D30	160+80.00	59.00 LT.	A			4'	T-1, CL	670.87	---	---	---	---	
D31	160+80.00	46.13 LT.		A		4'	T-24 F&G	670.24	---	662.37	662.37	---	
D32	160+80.00	0.00			A	4'	T-8	670.96	---	662.58	662.58	---	
D33	160+80.06	45.80 RT.			A	2'	T-24 F&G	670.24	---	662.80	---	---	
E01	162+92.10	55.61 RT.		A		4'	T-8	668.25	663.17	---	---	---	
E02	163+02.45	48.76 RT.		A		4'	T-24 F&G	670.58	663.14	663.14	---	---	X
E03	163+96.91	84.64 RT.		A		4'	T-24 F&G	668.45	662.51	662.76	663.26	---	
E04	165+00.07	46.89 RT.		A		4'	T-24 F&G	668.92	---	662.18	---	---	
E05	165+00.00	46.04 LT.		A		5'	T-24 F&G	668.92	---	661.67	661.92	---	
E06	165+00.00	59.00 LT.	A			5'	T-1, CL	668.88	661.65	661.65	---	---	
E07	167+00.00	59.00 LT.	A			5'	T-1, CL	666.25	661.00	661.25	---	---	X
E08	167+00.00	46.86 LT.		A		4'	T-24 F&G	666.29	---	662.05	662.29	---	X
E09	167+00.00	3.63 RT.		A		4'	T-8	667.08	---	662.52	662.52	---	
E10	167+00.07	45.80 RT.			A	2'	T-24 F&G	666.29	---	662.72	---	---	

NO.	STRUCTURE - STRUCTURE	TYPE	DIA.	LIN. FT.	T.B. CU. YD.
D30	D26 TO D30	2	15"	130	185.90
D31	D30 TO D31	2	15"	10	---
D32	D31 TO D32	2	12"	44	56.06
D33	D32 TO D33	2	12"	43	53.36
E01	E02 TO E01	2	18"	12	---
E02	E03 TO E02	2	21"	101	116.05
E03	E03 TO FES	1	12"	15	---
E04	E04 TO E03	2	24"	110	---
E05	E05 TO E04	2	24"	93	112.72
E06	E06 TO E05	2	27"	13	---
E07	E07 TO E06	2	27"	200	220.60
E08	E07 TO E08	1	15"	12	---
E09	E08 TO E09	2	12"	50	33.20
E10	E09 TO E10	2	12"	42	26.54
E11	OUTLET TO E07	1	27"	152	135.13



- NOTES:
- CONTRACTOR SHALL REMOVE PORTIONS OF ABANDONED WATER MAIN FROM STA. 147+81 TO STA. 167+00 WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS. EXPOSED ENDS OF ABANDONED WATER MAIN SHALL BE SEALED WITH CLASS S1 CONCRETE OR BRICK AND MORTAR PRIOR TO BACKFILLING TRENCH.
 - RESTRICTED DEPTH MANHOLES AND RESTRICTED DEPTH CATCH BASINS SHALL NOT BE PAID FOR AS A SEPARATE ITEM BUT AS THE STRUCTURE OF SPECIFIED DIAMETER, TYPE AND CASTING.

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1/20/2011
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200 West Front Street
Wheaton, IL 60187

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CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

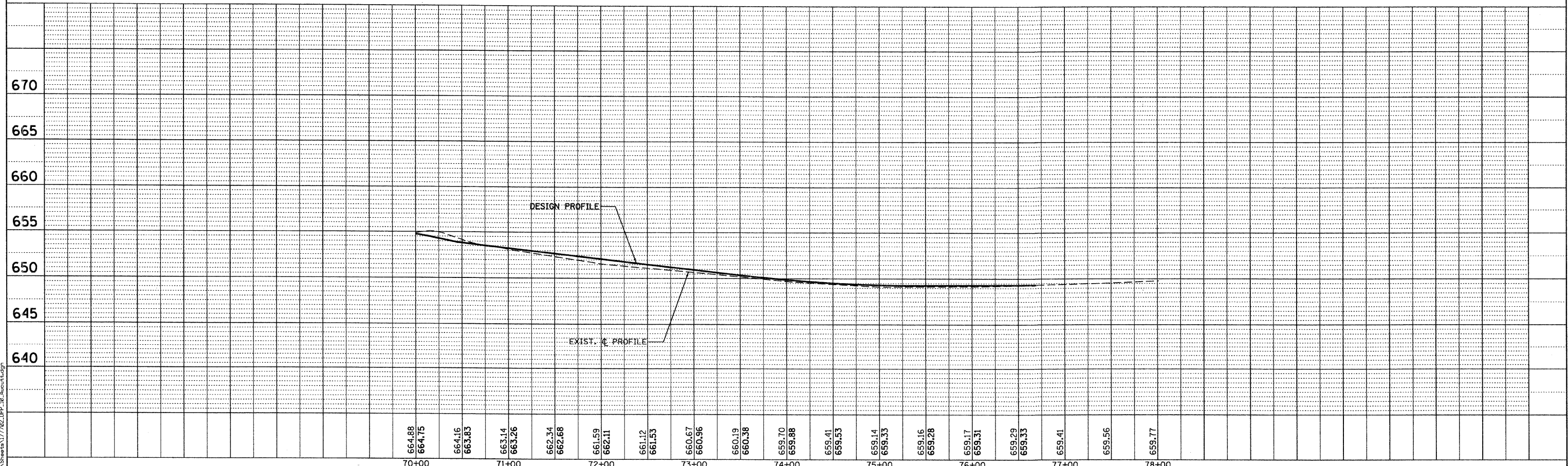
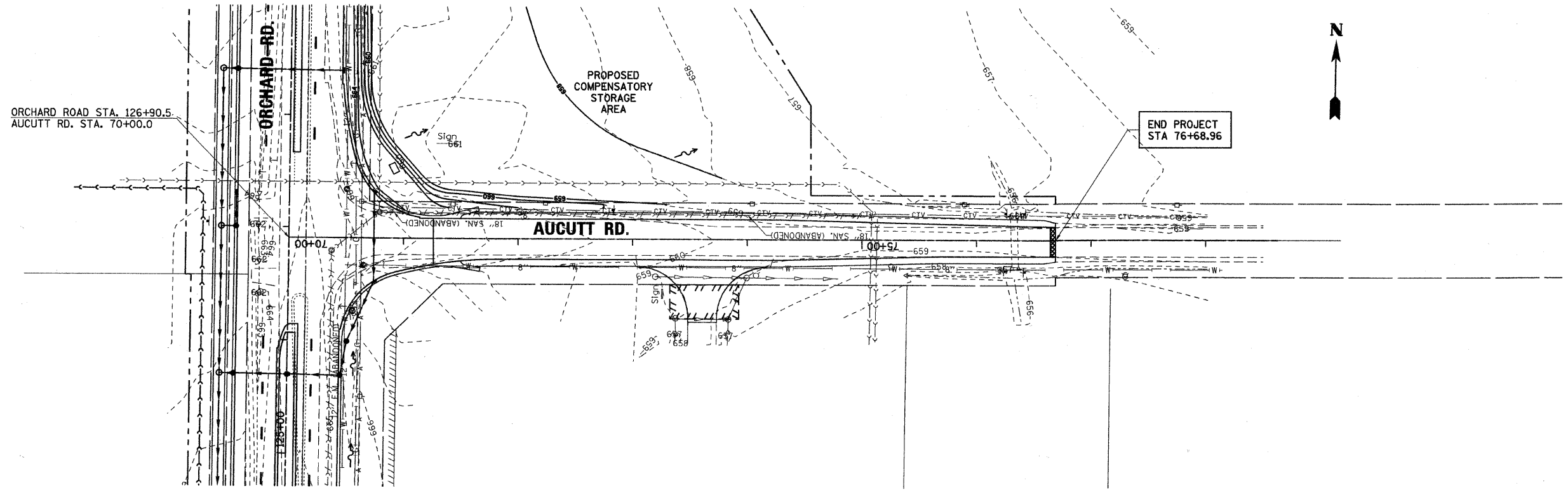
ORCHARD ROAD
DRAINAGE AND UTILITIES PLAN
STA. 160+00 TO STA. 175+50

SCALE: 1" = 50'
SHEET NO. 5 OF 11 SHEETS
STA. 160+00.00 TO STA. 175+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	65
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
SURVEYED	
PLANNED	
NOTED	
NO.	



664.88	664.75	664.16	663.83	663.14	663.26	662.54	662.68	661.59	662.11	661.12	661.53	660.67	660.96	660.19	660.38	659.70	659.88	659.41	659.53	659.14	659.33	659.16	659.28	659.17	659.31	659.29	659.53	659.41	659.56	659.77	
70+00		71+00						72+00				73+00				74+00				75+00				76+00				77+00			78+00

DESIGNED	-	MK	REVISED	-
DRAWN	-	DW	REVISED	-
CHECKED	-	MH	REVISED	-
DATE	-	12/20/2010	REVISED	-

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

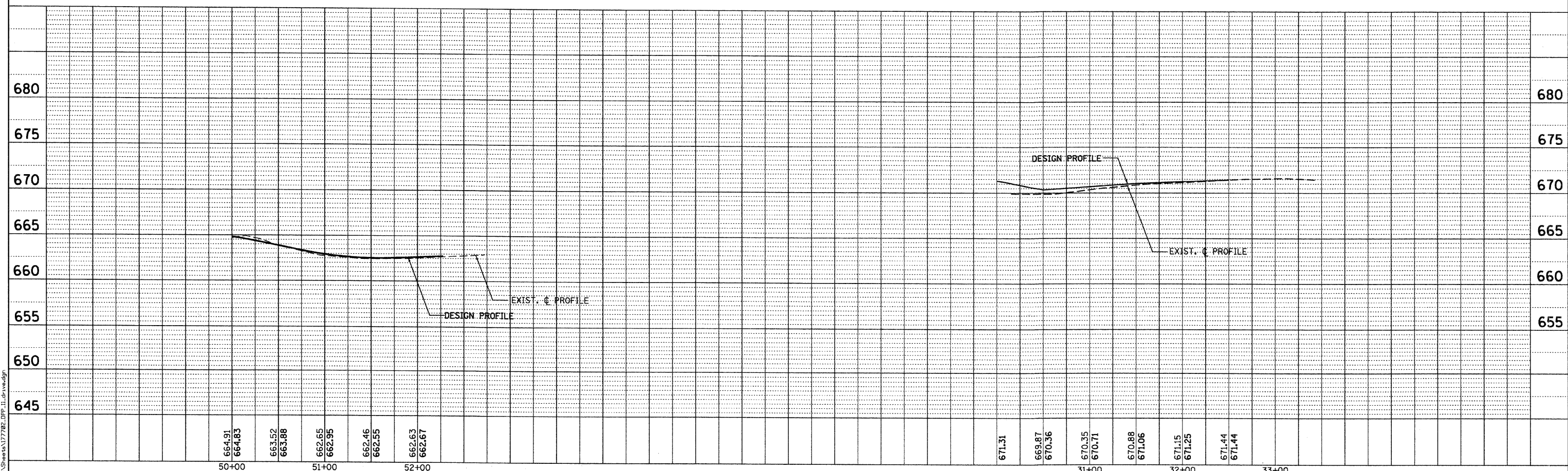
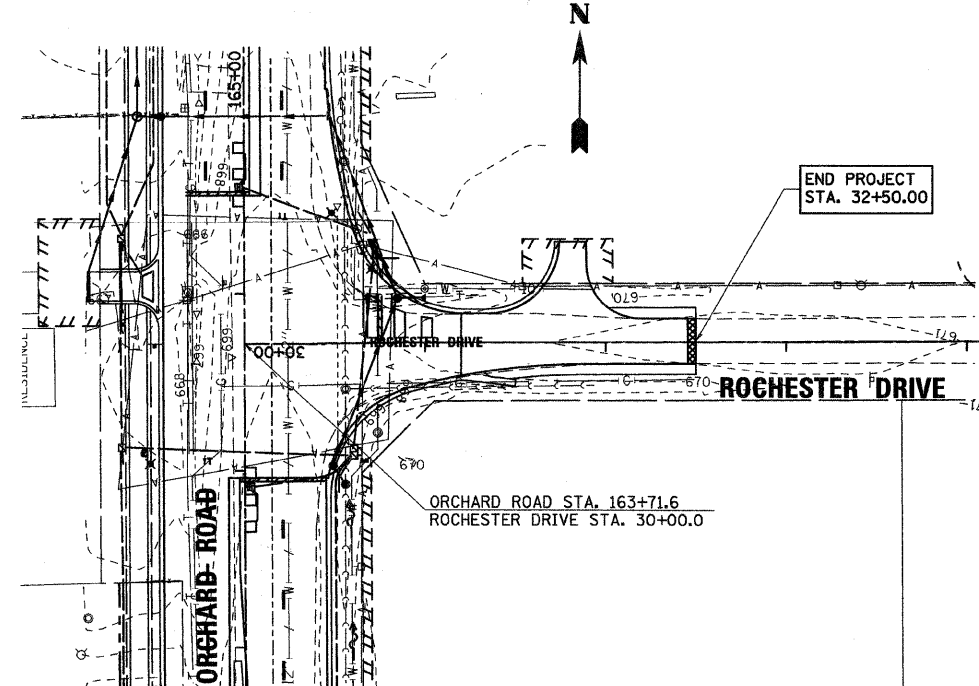
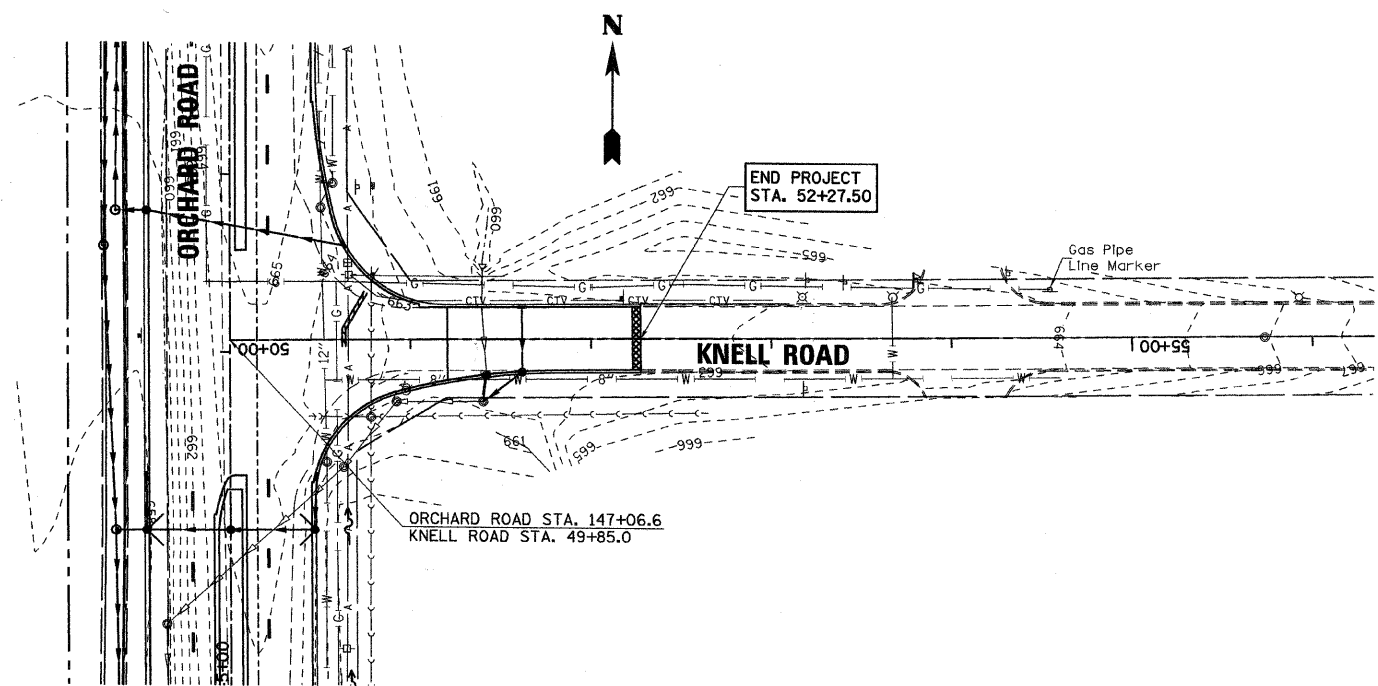
AUCUTT ROAD
DRAINAGE PLAN AND PROFILE

SCALE: 1" = 50' SHEET NO. 7 OF 11 SHEETS STA. 70+00.00 TO STA. 78+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	66
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

PLAN	REVISIONS	DATE
NO.	BY	
NOTE BOOK	ALIGNED	CHECKED
NO.	NO.	NO.
	DATE	

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



664.91 664.83	663.52 663.88	662.65 662.95	662.46 662.55	662.63 662.67	671.31	669.87 670.36	670.35 670.71	670.88 671.06	671.15 671.25	671.44 671.44
50+00	51+00	52+00				31+00	32+00	33+00		

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DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

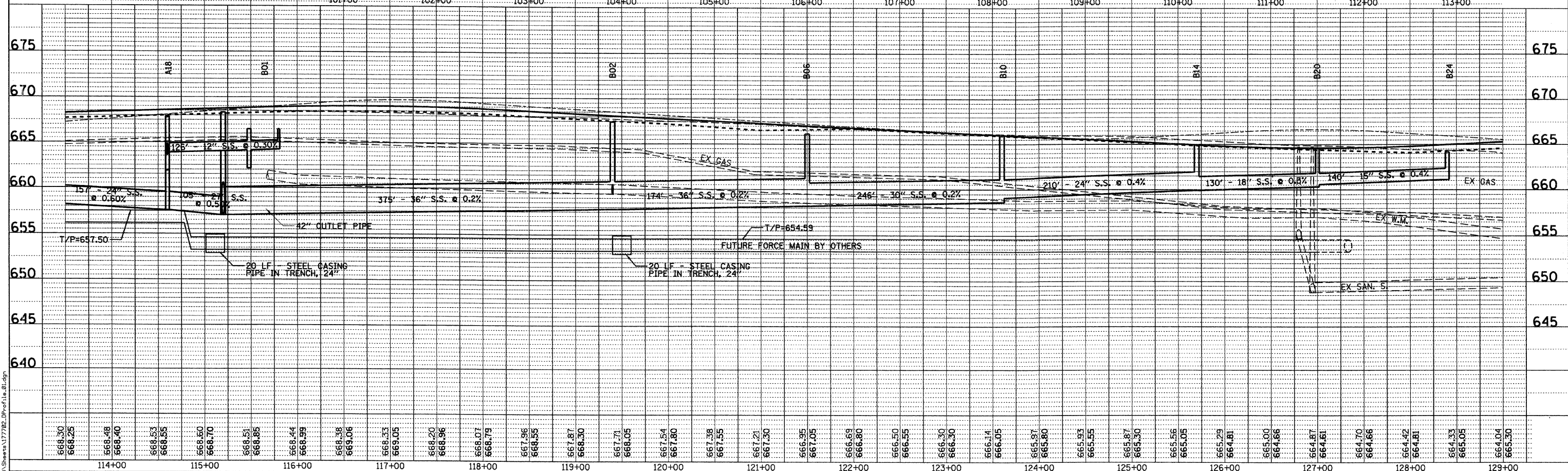
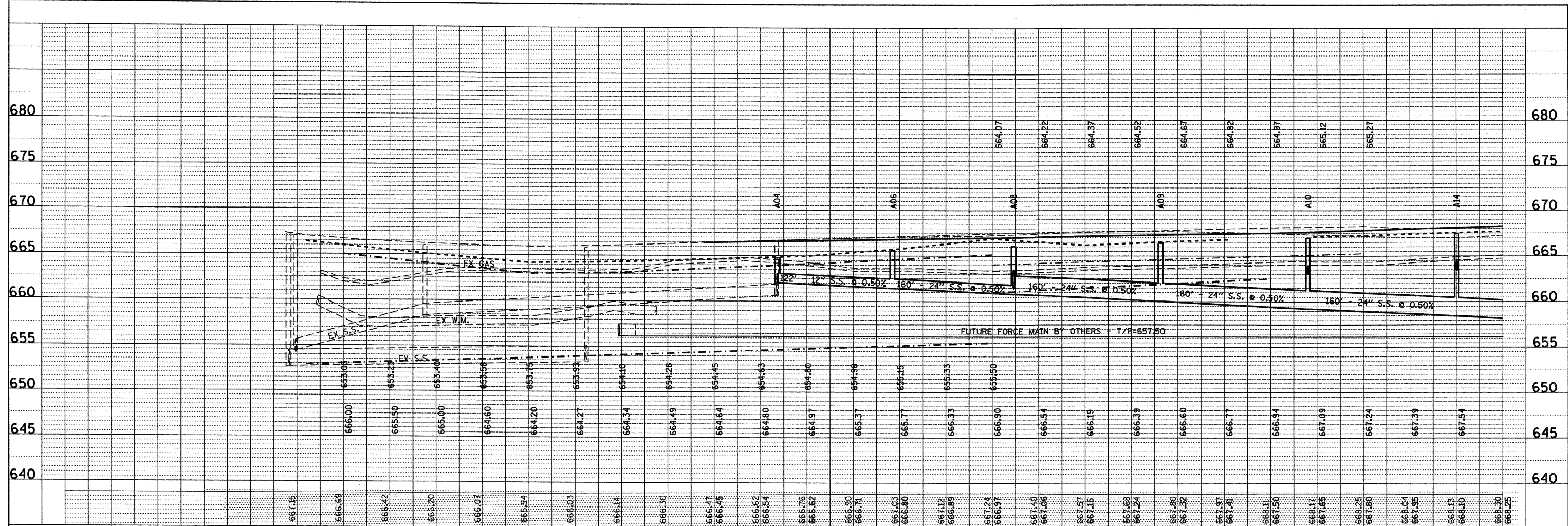
**UNITED DRIVE AND ROCHESTER DRIVE
DRAINAGE PLAN AND PROFILE**
SCALE: 1" = 50'
SHEET NO. 8 OF 11 SHEETS
STA. TO STA.

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 67
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				

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PLAN	REVISIONS	BY	DATE
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PROFILE	REVISIONS	BY	DATE
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CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**ORCHARD ROAD
DRAINAGE AND UTILITIES PROFILE
STA. 104+00 TO STA. 129+00**

SCALE: 1" = 50' SHEET NO. 9 OF 11 SHEETS STA. 100+00.00 TO STA. 129+00.00

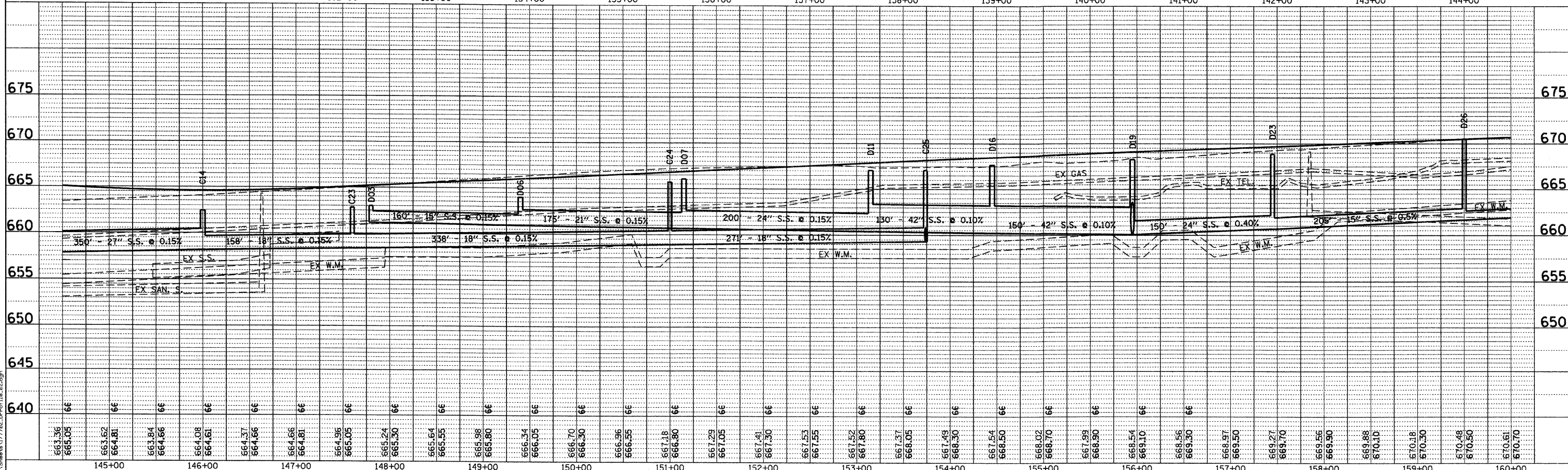
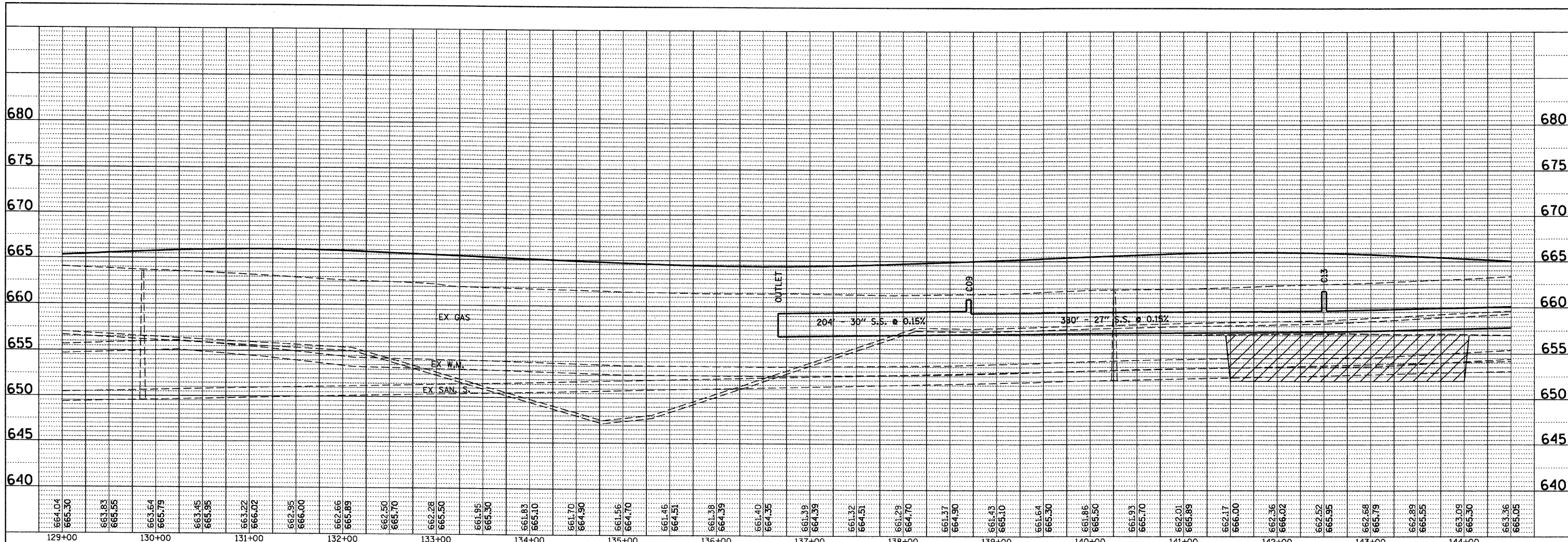
F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 68
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



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PROFILE	DESIGNED	BY	DATE
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	ALIGNED		
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664.04	665.30	663.83	665.58	663.64	665.79	663.45	665.98	663.22	666.02	662.95	666.00	662.66	665.89	662.50	665.70	662.28	665.50	661.95	665.30	661.83	665.10	661.70	664.90	661.56	664.70	661.46	664.51	661.38	664.39	661.40	664.35	661.39	664.39	661.32	664.51	661.29	664.70	661.37	664.90	661.43	665.10	661.64	665.30	661.86	665.50	661.93	665.70	662.01	665.89	662.17	666.00	662.36	666.02	662.52	665.95	662.68	665.79	662.89	665.55	663.09	665.30	663.36	665.05
129+00	130+00	131+00	132+00	133+00	134+00	135+00	136+00	137+00	138+00	139+00	140+00	141+00	142+00	143+00	144+00																																																

663.36	665.05	663.62	664.81	663.84	664.66	664.08	664.61	664.37	664.66	664.66	664.81	664.96	665.05	665.24	665.30	665.64	665.55	665.98	665.80	666.34	666.05	666.70	666.30	666.96	666.55	667.18	666.80	667.29	667.05	667.41	667.30	667.53	667.55	667.52	667.80	667.57	668.05	667.49	668.30	667.54	668.50	668.02	668.70	667.99	668.90	668.54	669.10	668.56	669.30	668.97	669.50	669.27	669.70	669.56	669.90	669.88	670.10	670.18	670.30	670.48	670.50	670.61	670.70
145+00	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00	156+00	157+00	158+00	159+00	160+00																																																

DESIGNED	-	MK	REVISED	-
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**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**ORCHARD ROAD
DRAINAGE AND UTILITIES PROFILE
STA. 129+00 TO STA. 160+00**

SCALE: 1" = 50' SHEET NO. 10 OF 11 SHEETS STA. 129+00.00 TO STA. 160+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 69
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

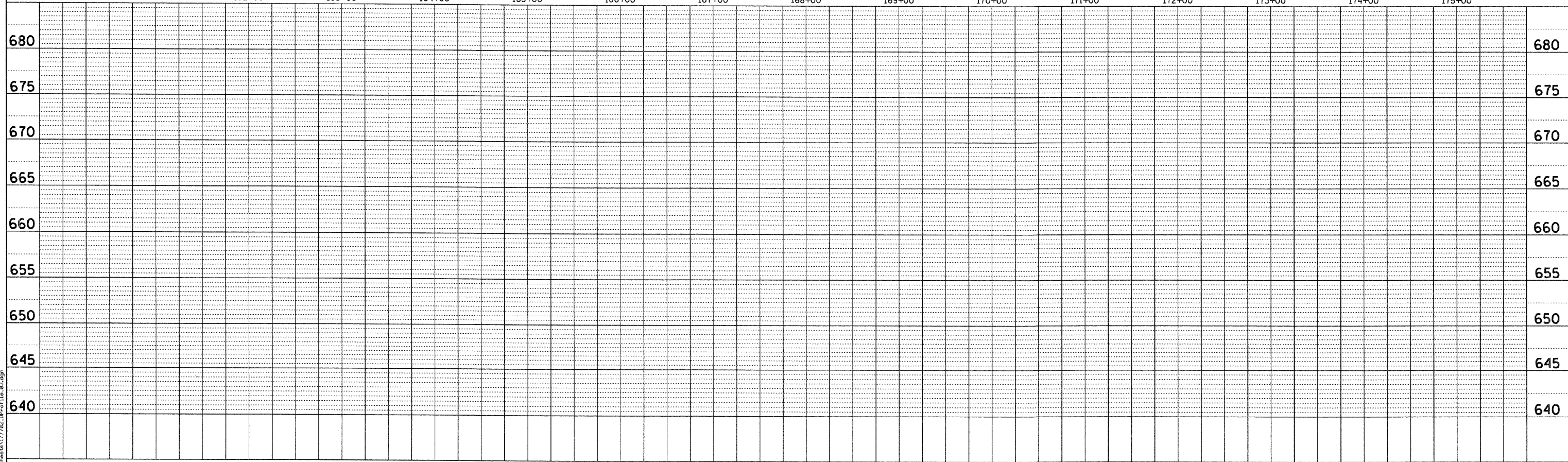
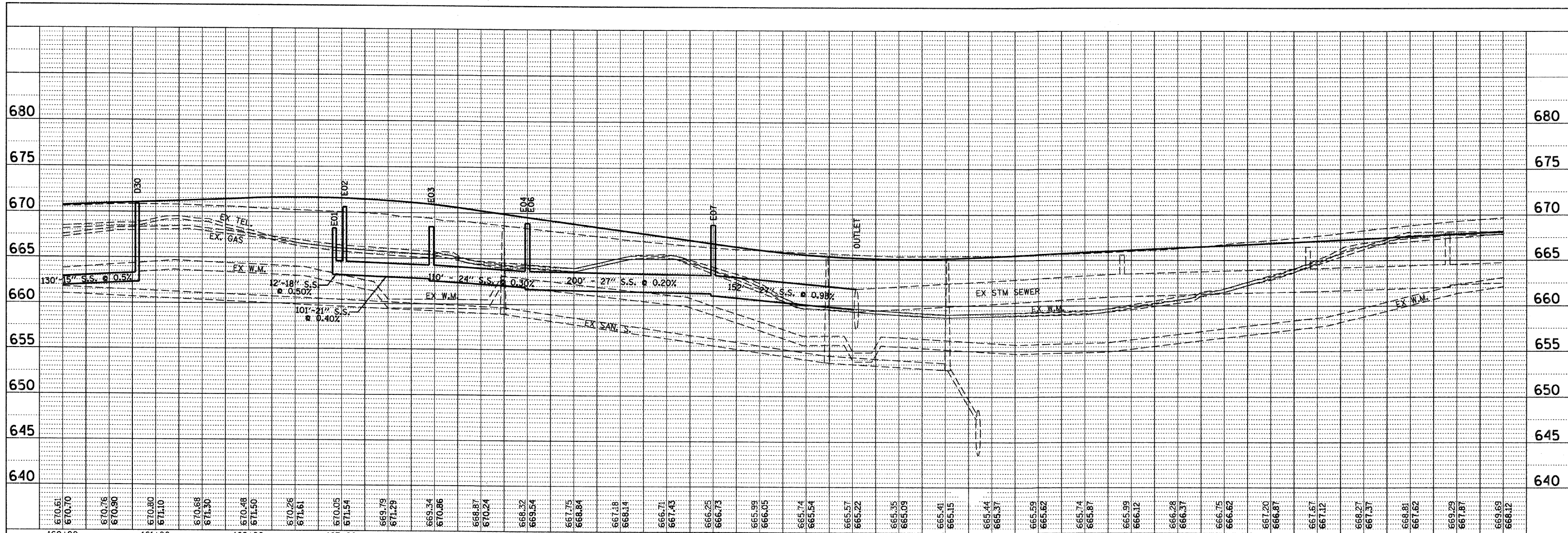
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200 West Front Street
Wheaton, IL 60187

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 CHECKED BY: _____
 DATE: _____
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 CHECKED BY: _____
 DATE: _____
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200 West Front Street
 Wheaton, IL 60187

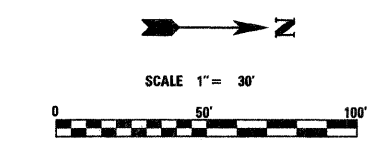
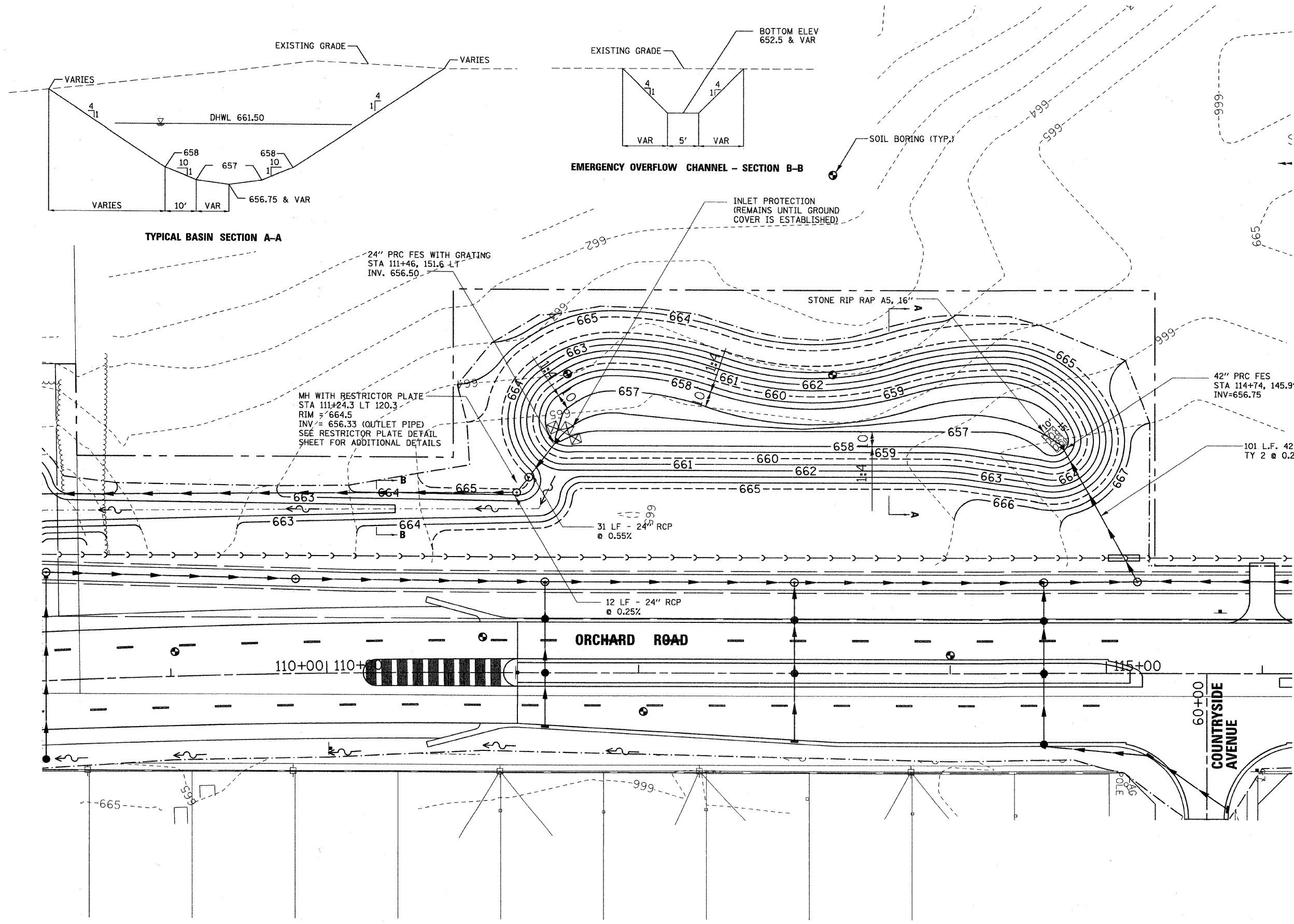
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 CHECKED - MH
 DATE - 12/20/2010

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KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

ORCHARD ROAD
DRAINAGE AND UTILITIES PROFILE
STA. 160+00 TO STA. 190+47.48
 SCALE: 1" = 50' SHEET NO. 11 OF 11 SHEETS STA. 160+00.00 TO STA. 175+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	70
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



- NOTES:
- COORDINATE WORK ON THIS SHEET WITH DRAINAGE AND UTILITY PLANS.
 - RESTORATION OF DISTURBED SOIL SHALL BE SEEDED WITH CLASS "3" ON SLOPES AND CLASS "4 MODIFIED" AND "5 MODIFIED" ON BASIN FLOOR.

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 Wheaton, IL 60187

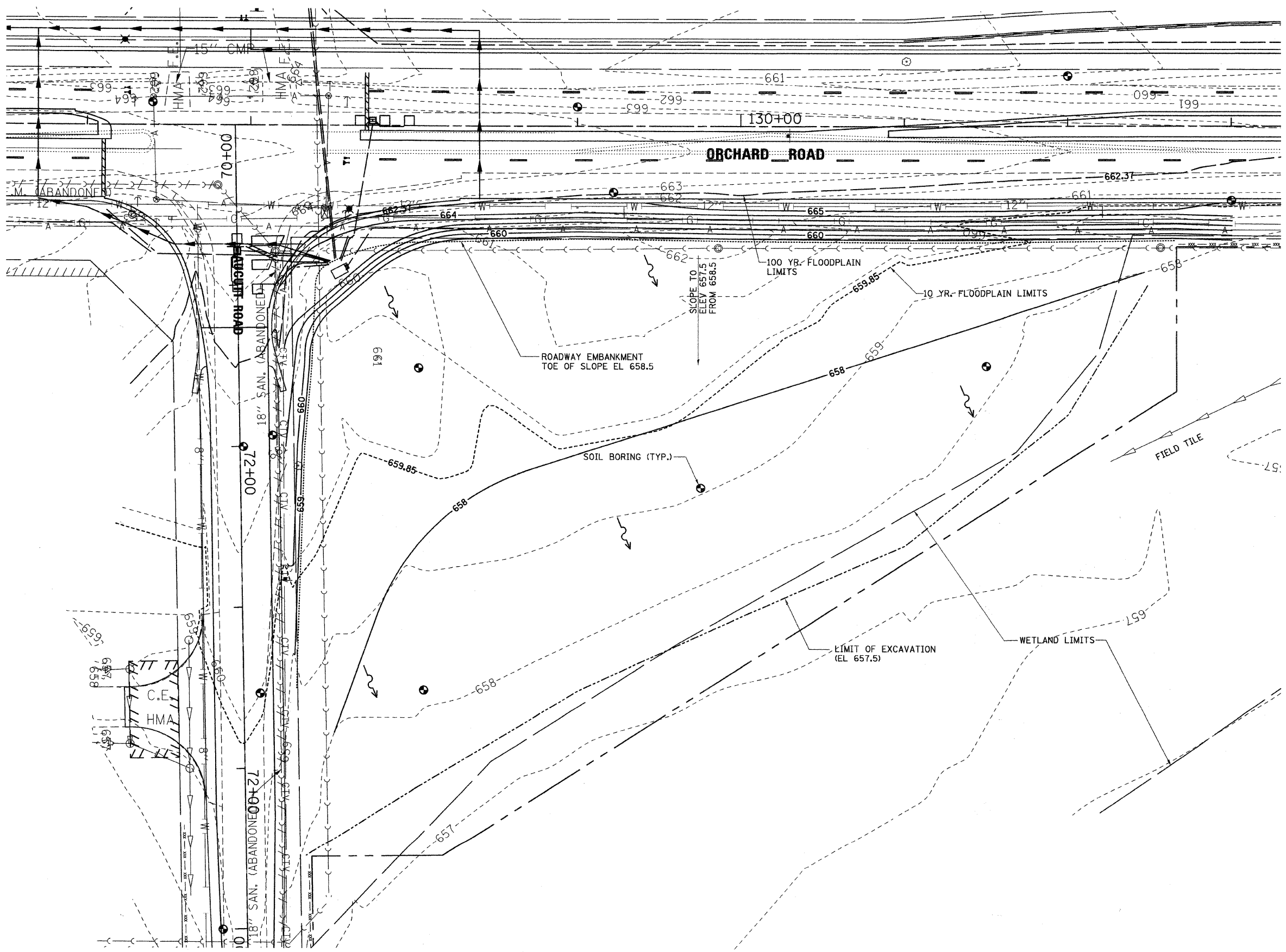
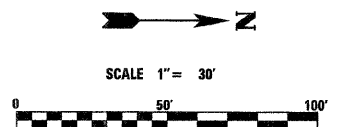
WILLS BURKE KELSEY ASSOCIATES LTD.
 116 West Main Street, Suite 201
 St. Charles, Illinois 60174
 (630) 443-7755

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

COUNTRYSIDE DETENTION BASIN
GRADING PLAN
 SCALE: 1" = 30' SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	71
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. RESTORATION OF DISTURBED SOIL SHALL BE SEEDED WITH CLASS "3" ON SLOPES AND CLASS "4 MODIFIED" AND "5 MODIFIED" ON BASIN FLOOR.
 2. SEEDED AREAS ON SLOPE 1:6 AND STEEPER SHALL BE COVERED WITH AN APPROVED EROSION CONTROL BLANKET.
 3. SEE AUCUTT ROAD EXCAVATION CROSS - SECTIONS FOR ADDITIONAL DETAILS.

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 200 West Front Street
 Wheaton, IL 60187

WBK WILLS BURKE KELSEY ASSOCIATES LTD.
 116 West Main Street, Suite 201
 St. Charles, Illinois 60174
 (630) 443-7766

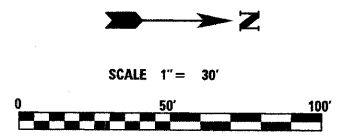
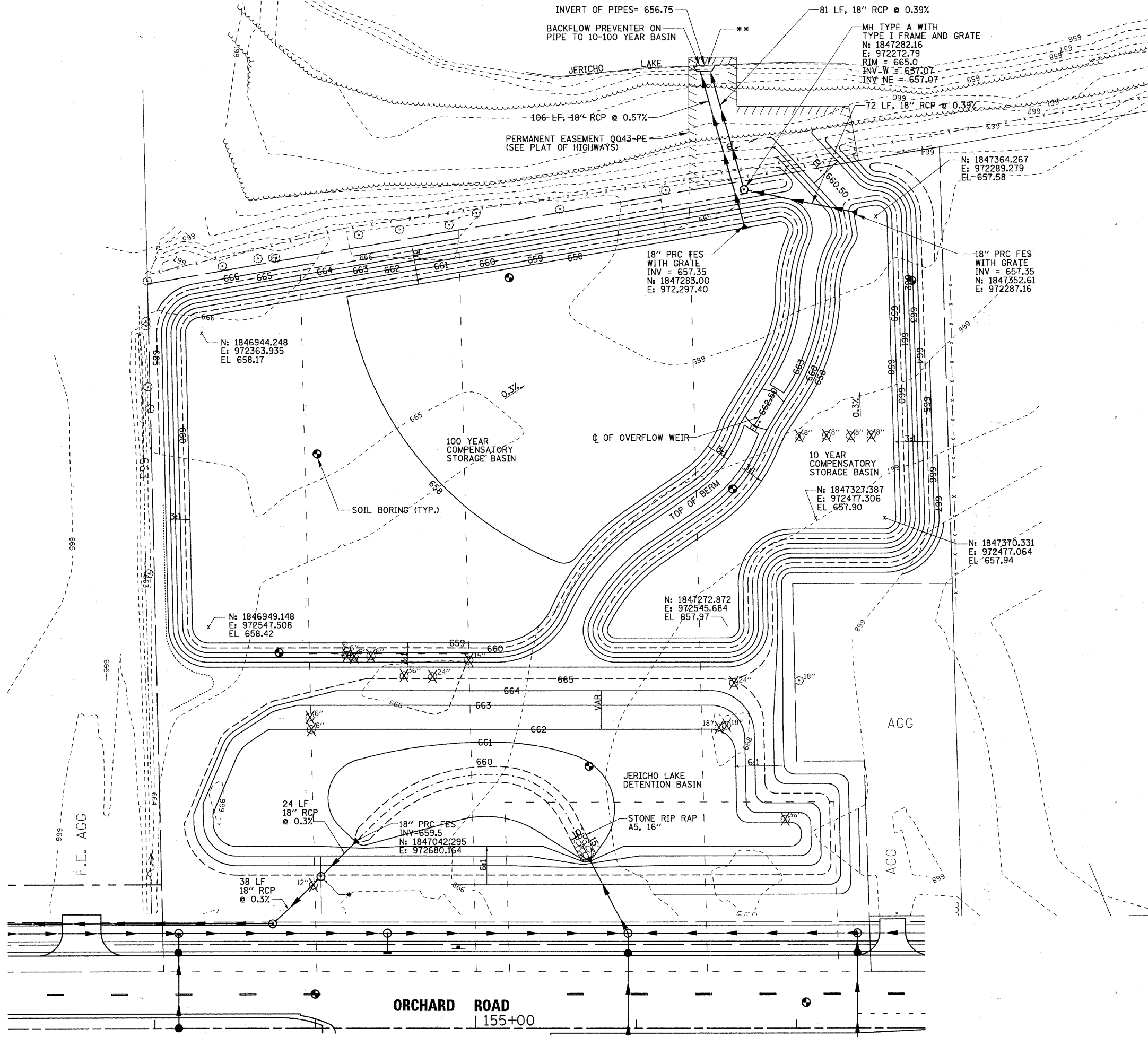
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DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

SCALE: 1" = 30'	SHEET NO. 2 OF 3 SHEETS	STA. TO STA.
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AUCUTT COMPENSATORY
STORAGE EXCAVATION
GRADING PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	72
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



NOTES:

1. COORDINATE WORK ON THIS SHEET WITH DRAINAGE AND UTILITY PLANS.
 2. RESTORATION OF DISTURBED SOIL SHALL BE SEEDED WITH CLASS "3" ON SLOPES AND CLASS "4 MODIFIED" AND "5 MODIFIED" ON BASIN FLOOR.
- MANHOLE WITH RESTRICTOR PLATE STA. 154+04, 95' LT. RIM 665.0 INV 659.43 (OUTLET PIPE) SEE RESTRICTOR PLATE DETAIL SHEET FOR ADDITIONAL DETAILS
 - SPECIAL HEADWALL, SEE HEADWALL DETAIL STANDARD 542116-02 FOR ADDITIONAL DATA

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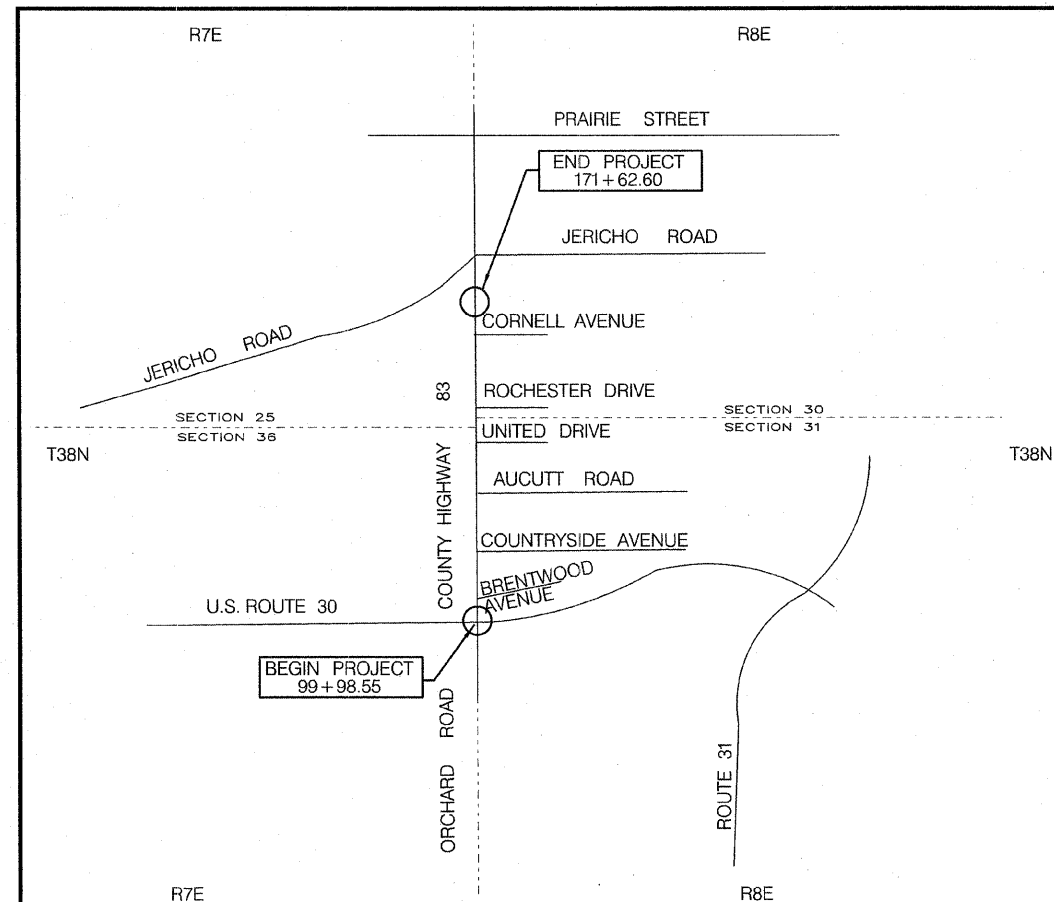
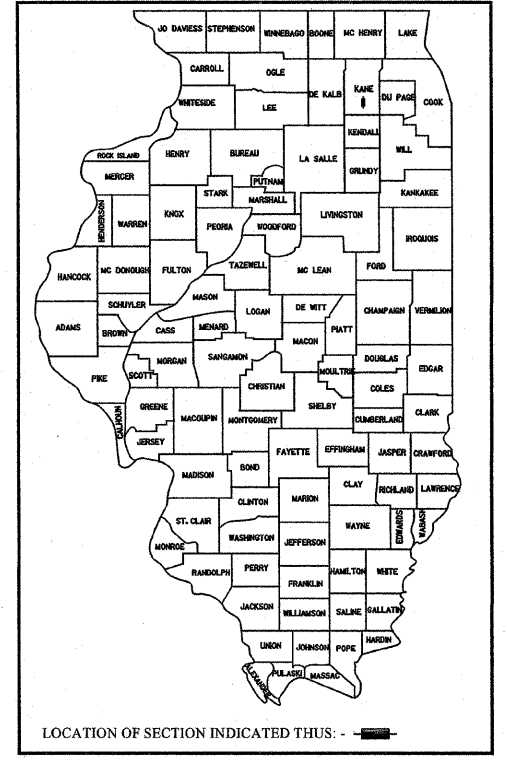
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DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

SCALE: 1" = 30'	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.
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F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 73
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				

COUNTY OF KANE
 DIVISION OF TRANSPORTATION
 PLAT OF HIGHWAYS
 COUNTY HIGHWAY 83 (ORCHARD ROAD)
 SECTION. 99-00232-00-WR
 JOB NO. C-91-362-11
 PROJECT: M-TE-CMM-9003(772)



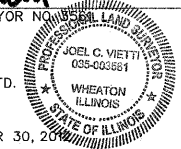
STATE OF ILLINOIS)
 COUNTY OF DUPAGE) SS

THIS IS TO CERTIFY THAT I, JOEL C. VIETTI, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 25 AND 30, TOWNSHIP 38 NORTH, RANGE 7, EAST OF THE THIRD PRINCIPAL MERIDIAN AND SECTIONS 30 AND 31, TOWNSHIP 38 NORTH, RANGE 8, EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE KANE COUNTY DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT WHEATON, ILLINOIS THIS 20th DAY OF December 20 10 A.D.

Joel C. Vieth
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 005-033661

PREPARED BY:
 WEBSTER, McGRATH AND AHLBERG, LTD.
 207 SOUTH NAPERVILLE STREET
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 (630) 668-7603
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2014



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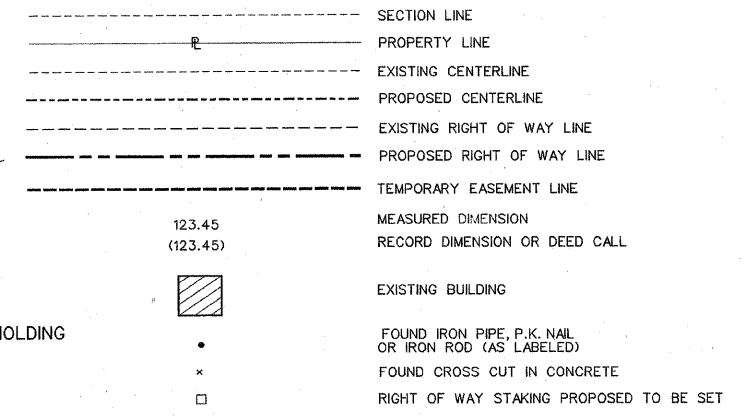
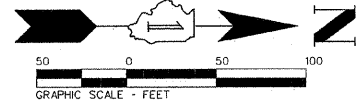
PLAT OF HIGHWAYS
COUNTY OF KANE
DIVISION OF TRANSPORTATION
 ROUTE: COUNTY HIGHWAY 83 (ORCHARD ROAD)
 SECTION: SEC. 99-00232-00-WR
 PROJECT: M-TE-CMM-9003(772)
 JOB NO. C-91-362-11
 FROM STATION 99+98.55 TO STATION 171+62.60
 PLAT SHEET 1 OF 8
 SHEET 74 OF 215

COUNTY OF KANE
DIVISION OF TRANSPORTATION

LEGEND

PARCEL NUMBER	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PREVIOUS DEDICATION ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT REASON
PARCEL 0003	GREATBANC TRUST CO. IFA - 722	15-31-378-015	1.686 ACRES	1.686 ACRES	0.202 ACRES	0.00 ACRES	----	----
PARCEL 0007	WALTER & BARBARA WILLIAMS	15-31-351-001	0.257 ACRES	0.005 ACRES	----	0.252 ACRES	----	----
PARCEL 0033	DAVID E. & CHRISTINA M. STEBBINS	14-36-479-013	0.378 ACRES	0.378 ACRES	----	0 ACRES	----	----
PARCEL 0034	LILLIAN E. QUANDT	14-36-479-011	0.378 ACRES	0.378 ACRES	----	0 ACRES	----	----
PARCEL 0035	JOSEPH & SHIRLEY HOEHN	14-36-479-015	0.227 ACRES	0.227 ACRES	----	0 ACRES	----	----
PARCEL 0036	CAROLE E. ADAMS LIVING TRUST CAROLE E. ADAMS, TRUSTEE	14-36-479-016	0.567 ACRES	0.567 ACRES	----	0 ACRES	----	----
PARCEL 0037	JAMES R. & PATRICIA A. MILLER	14-36-479-014	0.397 ACRES	0.397 ACRES	----	0 ACRES	----	----
PARCEL 0042	HEIRS OR LEGATEES OF WALTER KECK, DECEASED	----	0.049 ACRES	0.049 ACRES	----	0 ACRES	----	----
PARCEL 0031	SEE SHEET 4	----	----	----	----	----	----	----

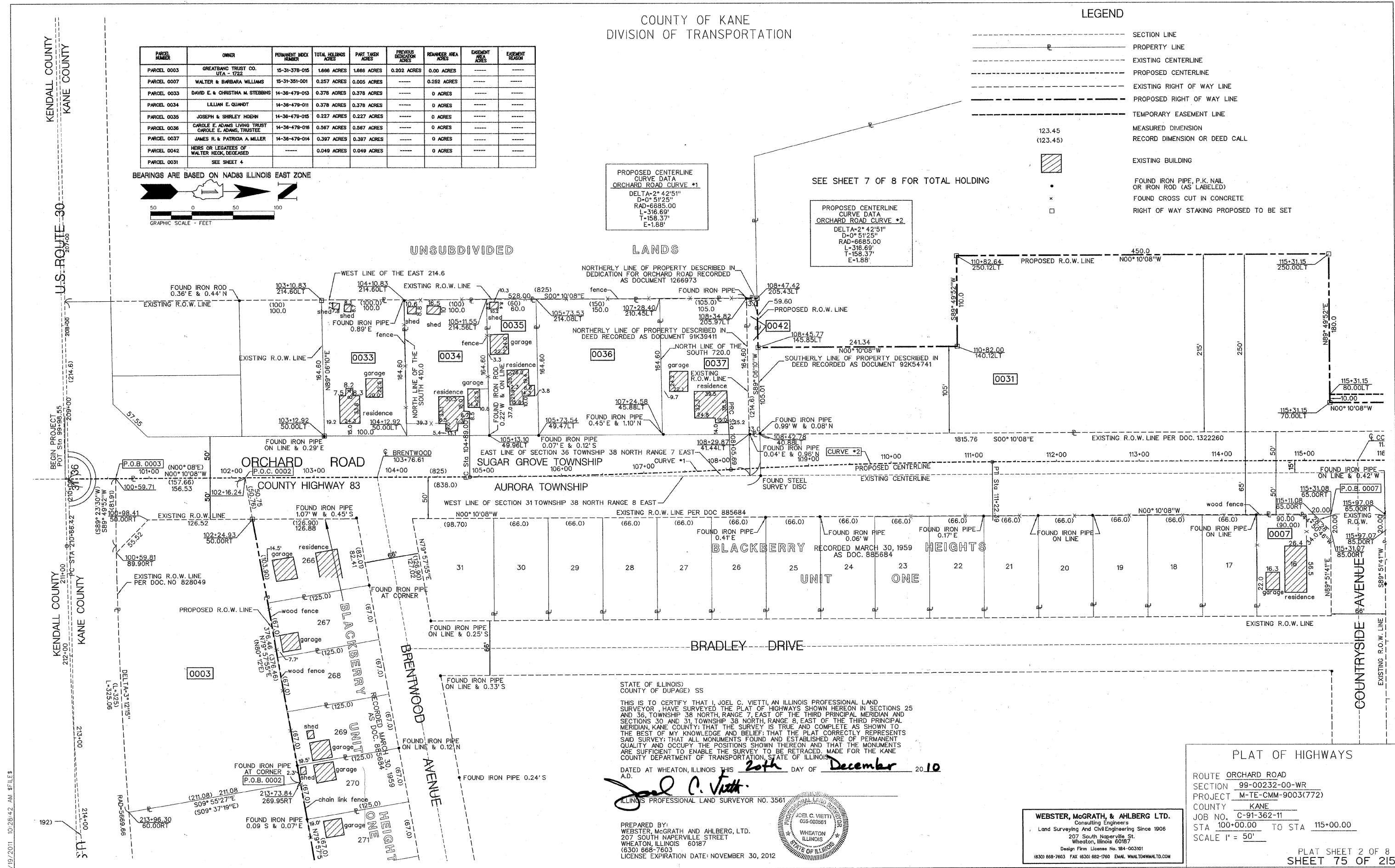
BEARINGS ARE BASED ON NAD83 ILLINOIS EAST ZONE



PROPOSED CENTERLINE CURVE DATA
ORCHARD ROAD CURVE #1
DELTA=2° 42' 51"
D=0° 51' 25"
RAD=6685.00
L=316.69'
T=158.37'
E=1.88'

PROPOSED CENTERLINE CURVE DATA
ORCHARD ROAD CURVE #2
DELTA=2° 42' 51"
D=0° 51' 25"
RAD=6685.00
L=316.69'
T=158.37'
E=1.88'

SEE SHEET 7 OF 8 FOR TOTAL HOLDING



STATE OF ILLINOIS
COUNTY OF DUPAGE) SS
THIS IS TO CERTIFY THAT I, JOEL C. VIETTI, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 25 AND 36, TOWNSHIP 38 NORTH, RANGE 7, EAST OF THE THIRD PRINCIPAL MERIDIAN AND SECTIONS 30 AND 31, TOWNSHIP 38 NORTH, RANGE 8, EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE KANE COUNTY DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT WHEATON, ILLINOIS THIS 20th DAY OF December 2010 A.D.
Joel C. Vietti
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3561



PREPARED BY:
WEBSTER, McGRATH AND AHLBERG, LTD.
207 SOUTH NAPERVILLE STREET
WHEATON, ILLINOIS 60187
(630) 668-7603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

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Wheaton, Illinois 60187
Design Firm License No. 184-003101
(630) 668-7603 FAX (630) 682-1760 EMAIL WWW.TDMWALTD.COM

PLAT OF HIGHWAYS
ROUTE ORCHARD ROAD
SECTION 99-00232-00-WR
PROJECT M-TE-CMM-9003(772)
COUNTY KANE
JOB NO. C-91-362-11
STA 100+00.00 TO STA 115+00.00
SCALE 1" = 50'
PLAT SHEET 2 OF 8
SHEET 75 OF 215

PARCEL NUMBER	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PREVIOUS DEEDITION ACRES	REMAINER AREA ACRES	EASEMENT AREA ACRES	EASEMENT REASON
PARCEL 0008	JANELLE R. RODRIGUEZ	15-31-327-001	0.234 ACRES	0.005 ACRES	---	0.229 ACRES	---	---
PARCEL 0010	GREATBANC TRUST CO. TRUST 1871	15-31-328-030	3.908 ACRES	0.021 ACRES	---	3.887 ACRES	---	---
PARCEL 0031	DONALD J. HAMMAN & CAROL S. HAMMAN	14-38-479-001 14-38-200-001	189 +/- ACRES	7.310 ACRES	---	182 +/- ACRES	---	---
PARCEL 0031-TE	DONALD J. HAMMAN & CAROL S. HAMMAN	14-38-479-001	---	---	---	---	0.085 ACRES	TEMPORARY CONSTRUCTION
PARCEL 0046-TE	ANGELL REALTY VILLIC	15-31-328-032	5.304 ACRES	---	---	---	0.031 ACRES	TEMPORARY CONSTRUCTION
PARCEL 1009-TE	ORCHARD PROPERTY 2, LLC	15-31-328-036	4.892 ACRES	---	---	---	0.041 ACRES	TEMPORARY CONSTRUCTION

LEGEND

- SECTION LINE
- PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- TEMPORARY EASEMENT LINE
- MEASURED DIMENSION
- RECORD DIMENSION OR DEED CALL
- EXISTING BUILDING
- FOUND IRON PIPE, P.K. NAIL OR IRON ROD (AS LABELED)
- x FOUND CROSS CUT IN CONCRETE
- RIGHT OF WAY STAKING PROPOSED TO BE SET

COUNTY OF KANE
DIVISION OF TRANSPORTATION

STATE OF ILLINOIS
COUNTY OF DUPAGE) SS

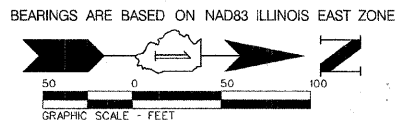
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DATED AT WHEATON, ILLINOIS THIS 20th DAY OF December 2010 A.D.

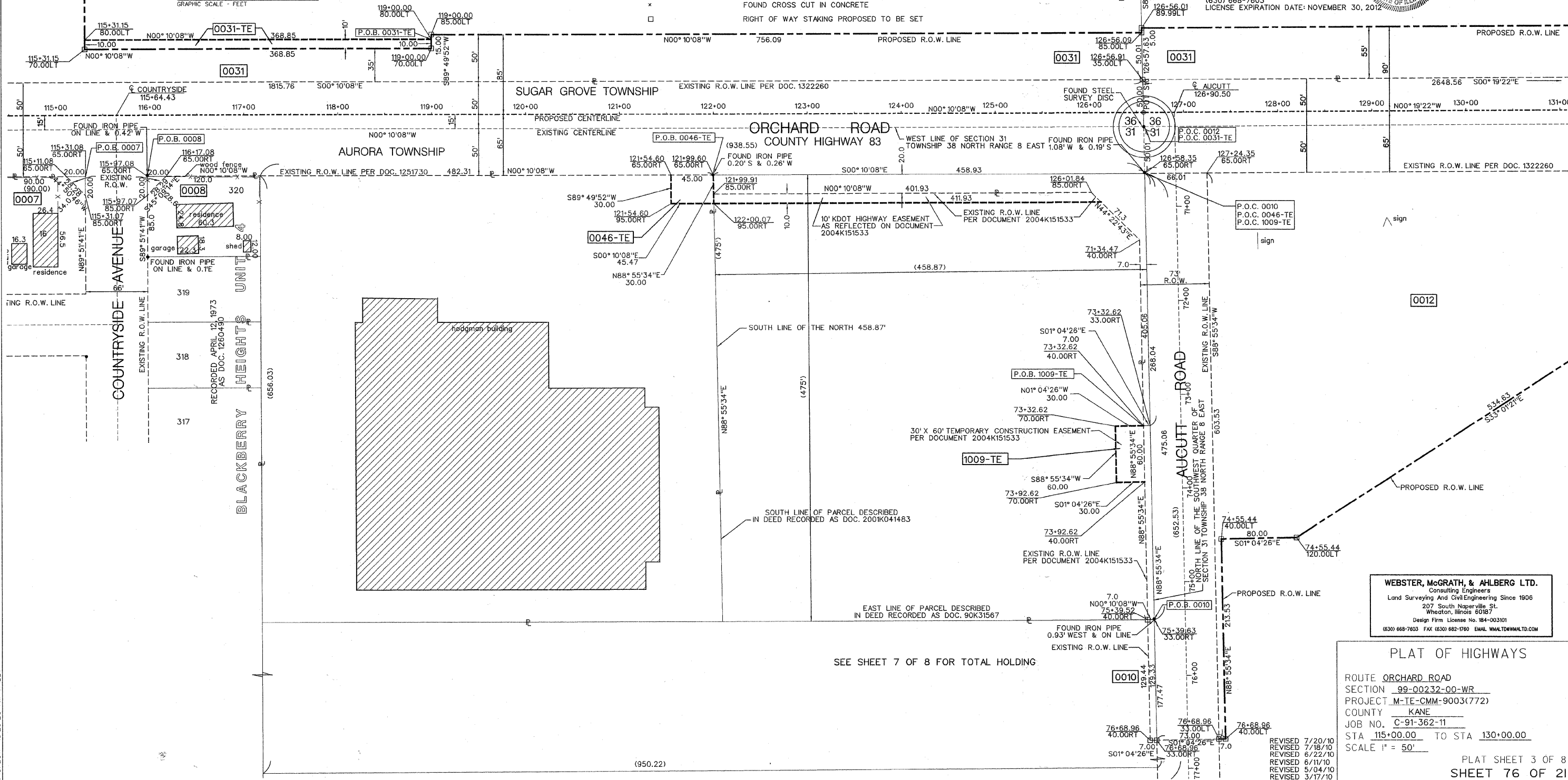
Joel C. Vietti
JOEL C. VIETTI
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3561



PREPARED BY:
WEBSTER, McGRATH AND AHLBERG, LTD.
207 SOUTH NAPERVILLE STREET
WHEATON, ILLINOIS 60187
(630) 668-7803
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012



SEE SHEET 7 OF 8 FOR TOTAL HOLDING



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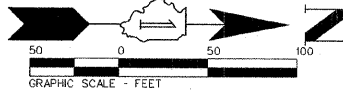
PLAT OF HIGHWAYS
ROUTE ORCHARD ROAD
SECTION 99-00232-00-WR
PROJECT M-TE-CMM-9003(772)
COUNTY KANE
JOB NO. C-91-362-11
STA 115+00.00 TO STA 130+00.00
SCALE 1" = 50'
PLAT SHEET 3 OF 8
SHEET 76 OF 215

REVISED 7/20/10
REVISED 7/18/10
REVISED 6/22/10
REVISED 6/11/10
REVISED 5/04/10
REVISED 3/17/10

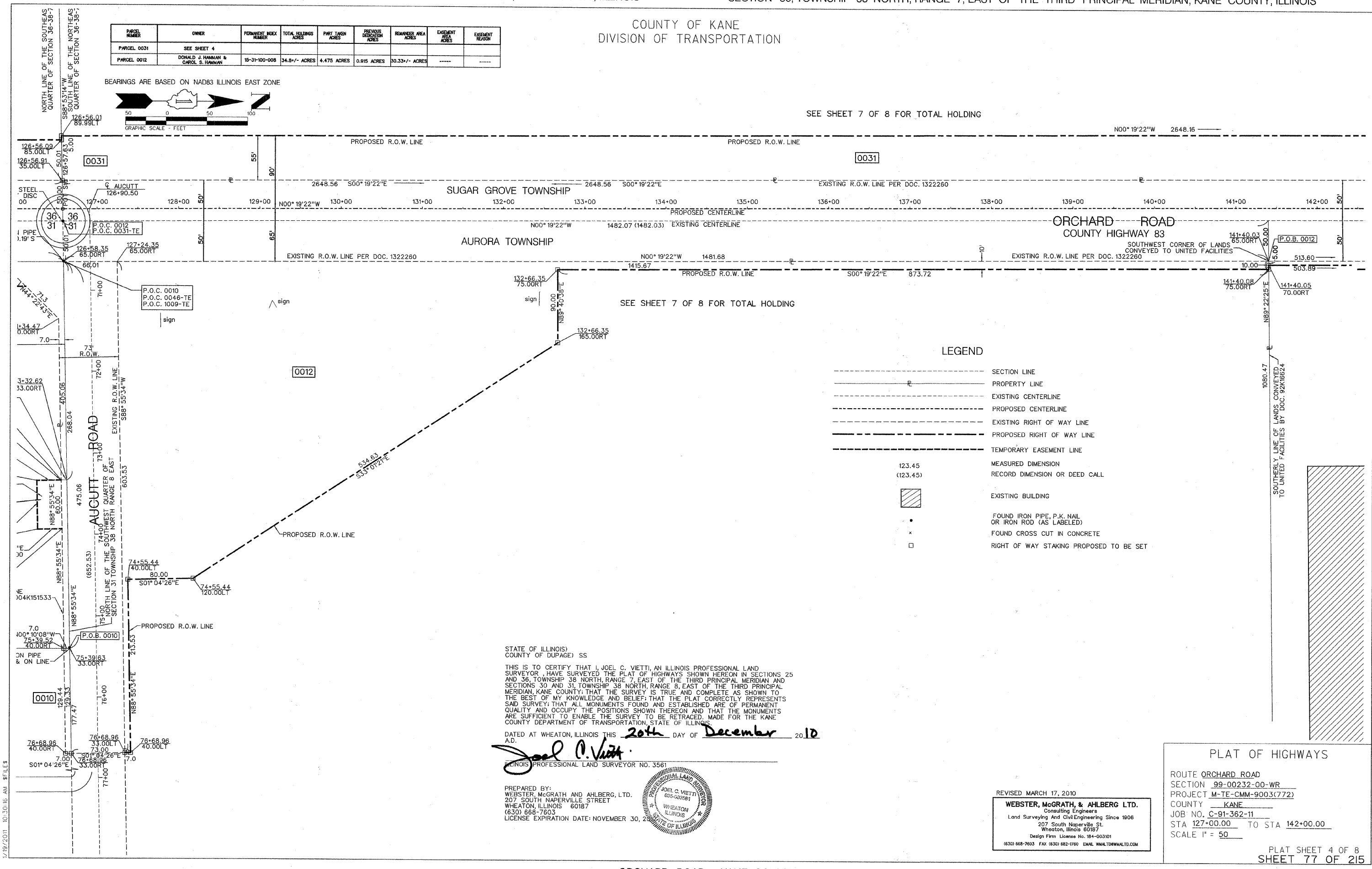
COUNTY OF KANE
DIVISION OF TRANSPORTATION

PARCEL NUMBER	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	PREVIOUS DEEDATION ACRES	REMAINING AREA ACRES	EASEMENT AREA ACRES	EASEMENT REASON
PARCEL 0031	SEE SHEET 4							
PARCEL 0012	DONALD J. HAMMAN & CAROL S. HAMMAN	15-37-100-008	34.87/- ACRES	4.475 ACRES	0.915 ACRES	30.337/- ACRES	-----	-----

BEARINGS ARE BASED ON NAD83 ILLINOIS EAST ZONE



SEE SHEET 7 OF 8 FOR TOTAL HOLDING



LEGEND

- SECTION LINE
- PROPERTY LINE
- - - EXISTING CENTERLINE
- - - PROPOSED CENTERLINE
- - - EXISTING RIGHT OF WAY LINE
- - - PROPOSED RIGHT OF WAY LINE
- - - TEMPORARY EASEMENT LINE
- 123.45 (123.45) MEASURED DIMENSION
- 123.45 (123.45) RECORD DIMENSION OR DEED CALL
- [Hatched Box] EXISTING BUILDING
- FOUND IRON PIPE, P.K. NAIL OR IRON ROD (AS LABELED)
- x FOUND CROSS CUT IN CONCRETE
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF DUPAGE) SS

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DATED AT WHEATON, ILLINOIS THIS 20th DAY OF December 2010 A.D.

Joel C. Vietti
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3561

PREPARED BY:
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207 SOUTH NAPERVILLE STREET
WHEATON, ILLINOIS 60187
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LICENSE EXPIRATION DATE: NOVEMBER 30, 2011



REVISED MARCH 17, 2010

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PLAT OF HIGHWAYS

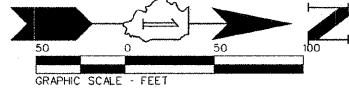
ROUTE ORCHARD ROAD
SECTION 99-00232-00-WR
PROJECT M-TE-CMM-9003(772)
COUNTY KANE
JOB NO. C-91-362-11 TO STA 142+00.00
SCALE 1" = 50'

PLAT SHEET 4 OF 8
SHEET 77 OF 215

COUNTY OF KANE
DIVISION OF TRANSPORTATION

PARCEL NUMBER	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PREVIOUS DEVIATION ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT REGION
PARCEL 0013A	UNITED FACILITIES	15-31-100-013	72.378 ACRES	0.074 ACRES	----	72.284 ACRES	----	----
PARCEL 0013B	UNITED FACILITIES	15-31-100-012	72.378 ACRES	0.020 ACRES	----	72.284 ACRES	----	----
PARCEL 0024	PETE & EVA MEDINA	14-25-400-010 14-25-400-021	1.479 ACRES	0.093 ACRES	0.093 ACRES	0 ACRES	----	----
PARCEL 0025	HAROLD G. & SUSAN E. ALBRIGHT	14-25-400-022 14-25-400-023	2.159 ACRES	2.159 ACRES	----	0 ACRES	----	----
PARCEL 0028	PEDRO & ERNESTINA CORONA	14-25-400-025	0.454 ACRES	0.454 ACRES	----	0 ACRES	----	----
PARCEL 0029	RANDALL J. GEHRINGER	14-25-400-026	0.961 ACRES	0.961 ACRES	----	0 ACRES	----	----
PARCEL 0031	SEE SHEET 4							
PARCEL 0038	COMMONWEALTH EDISON COMPANY	14-25-400-020	0.502 ACRES	0.047 ACRES	0.066 ACRES	0.389 ACRES	----	----
PARCEL 0040-TE-A	1266 ORCHARD PARTNERS LLC	15-30-328-030	7.470 ACRES	----	----	0.023 ACRES	TEMPORARY CONSTRUCTION	
PARCEL 0040-TE-B	1266 ORCHARD PARTNERS LLC	15-30-328-030	7.470 ACRES	----	----	0.023 ACRES	TEMPORARY CONSTRUCTION	

BEARINGS ARE BASED ON NAD83 ILLINOIS EAST ZONE

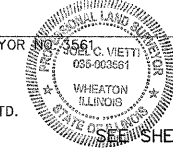


STATE OF ILLINOIS
COUNTY OF DUPAGE) SS

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DATED AT WHEATON, ILLINOIS THIS 20th DAY OF December 2010

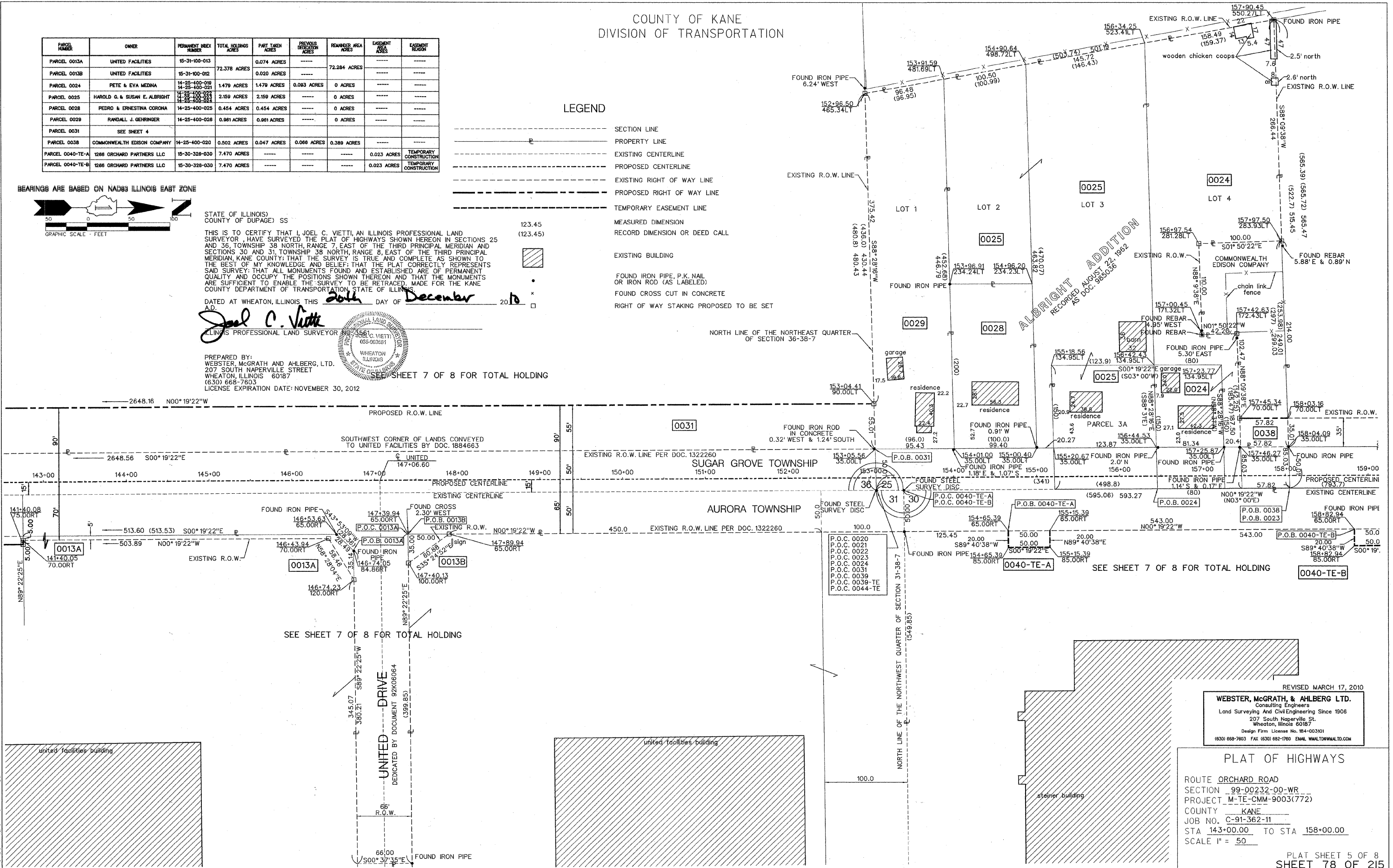
Joel C. Vietti
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3561 C. VIETTI
005-002661



PREPARED BY:
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207 SOUTH NAPERVILLE STREET
WHEATON, ILLINOIS 60187
(630) 668-7603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012

LEGEND

- SECTION LINE
- PROPERTY LINE
- - - EXISTING CENTERLINE
- - - PROPOSED CENTERLINE
- - - EXISTING RIGHT OF WAY LINE
- - - PROPOSED RIGHT OF WAY LINE
- - - TEMPORARY EASEMENT LINE
- MEASURED DIMENSION
- RECORD DIMENSION OR DEED CALL
- [Hatched Box] EXISTING BUILDING
- [Circle with X] FOUND IRON PIPE, P.K. NAIL OR IRON ROD (AS LABELED)
- [Circle with X] FOUND CROSS CUT IN CONCRETE
- [Circle with X] RIGHT OF WAY STAKING PROPOSED TO BE SET



ALBRIGHT ADDITION
RECORDED AUGUST 22, 1982
AS RECORDED DOC. 985036

REVISED MARCH 17, 2010

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PLAT OF HIGHWAYS

ROUTE ORCHARD ROAD
SECTION 99-00232-00-WR
PROJECT M-TE-CMM-9003(772)
COUNTY KANE
JOB NO. C-91-362-11
STA 143+00.00 TO STA 158+00.00
SCALE 1" = 50'

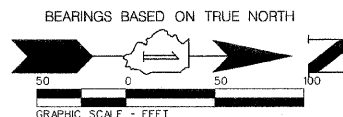
PLAT SHEET 5 OF 8
SHEET 78 OF 215

COUNTY OF KANE
DIVISION OF TRANSPORTATION

LEGEND

- SECTION LINE
- PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- TEMPORARY EASEMENT LINE
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- RIGHT OF WAY STAKING PROPOSED TO BE SET

PARCEL NUMBER	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PREVIOUS DEDICATION ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT REASON
PARCEL 0016	NORTHERN TRUST BANK AND FOREST NATIONAL ASSOC. TRUST 8986	15-30-376-001	2.781 ACRES	0.018 ACRES	-----	2.763 ACRES	-----	-----
PARCEL 0016-TE	-----	15-30-376-001	-----	-----	-----	-----	0.042 ACRES	TEMPORARY CONSTRUCTION
PARCEL 0017	HARRIS TRUST AND SAVINGS TRUST 3137	15-30-326-024	11.511 +/- ACRES	0.188 ACRES	0.156 ACRES	11.323 +/- ACRES	-----	-----
PARCEL 0017A-TE	HARRIS TRUST AND SAVINGS TRUST 3137	15-30-326-024	-----	-----	-----	-----	0.038 ACRES	TEMPORARY CONSTRUCTION
PARCEL 0018	STANLEY L. ZEPPELAK, TRUSTEE	15-30-326-048	2.052 ACRES	0.004 ACRES	-----	2.048 ACRES	-----	-----
PARCEL 0018-TE	STANLEY L. ZEPPELAK, TRUSTEE	15-30-326-048	-----	-----	-----	-----	0.026 ACRES	TEMPORARY CONSTRUCTION
PARCEL 0022	FOREST PARK NATIONAL BANK AND TRUST - TRUST 021420	14-25-400-018	1.500 ACRES	0.575 ACRES	0.302 ACRES	0.925 ACRES	-----	-----
PARCEL 0023	OLD 2ND NATIONAL BANK OF AURORA AS TRUSTEE UTA 4300	14-25-400-018	3.998 ACRES	0.575 ACRES	0.338 ACRES	3.423 ACRES	-----	-----
PARCEL 0039	ORCHARD ROAD ANIMAL HOSPITAL	14-25-400-012	2.000 ACRES	0.271 ACRES	0.159 ACRES	1.729 ACRES	-----	-----
PARCEL 0039-TE	ORCHARD ROAD ANIMAL HOSPITAL	14-25-400-012	-----	-----	-----	-----	0.028 ACRES	TEMPORARY CONSTRUCTION
PARCEL 0040-TE-B	1268 ORCHARD PARTNERS, LLC	SEE SHEET 6	-----	-----	-----	-----	-----	TEMPORARY CONSTRUCTION
PARCEL 0041-TE	VILLAGE OF MONTGOMERY	15-30-328-008	0.9982 ACRES	-----	-----	-----	0.018 ACRES	TEMPORARY CONSTRUCTION
PARCEL 0044-TE	DEUFEL PROPERTY LLC, 1145 S. ORCHARD ROAD SERIES	14-25-400-041	-----	-----	-----	-----	0.047 ACRES	TEMPORARY CONSTRUCTION
PARCEL 0045-TE	DEUFEL PROPERTY LLC, 1070 ORCHARD ROAD SERIES	15-30-328-056	-----	-----	-----	-----	0.029 ACRES	TEMPORARY CONSTRUCTION



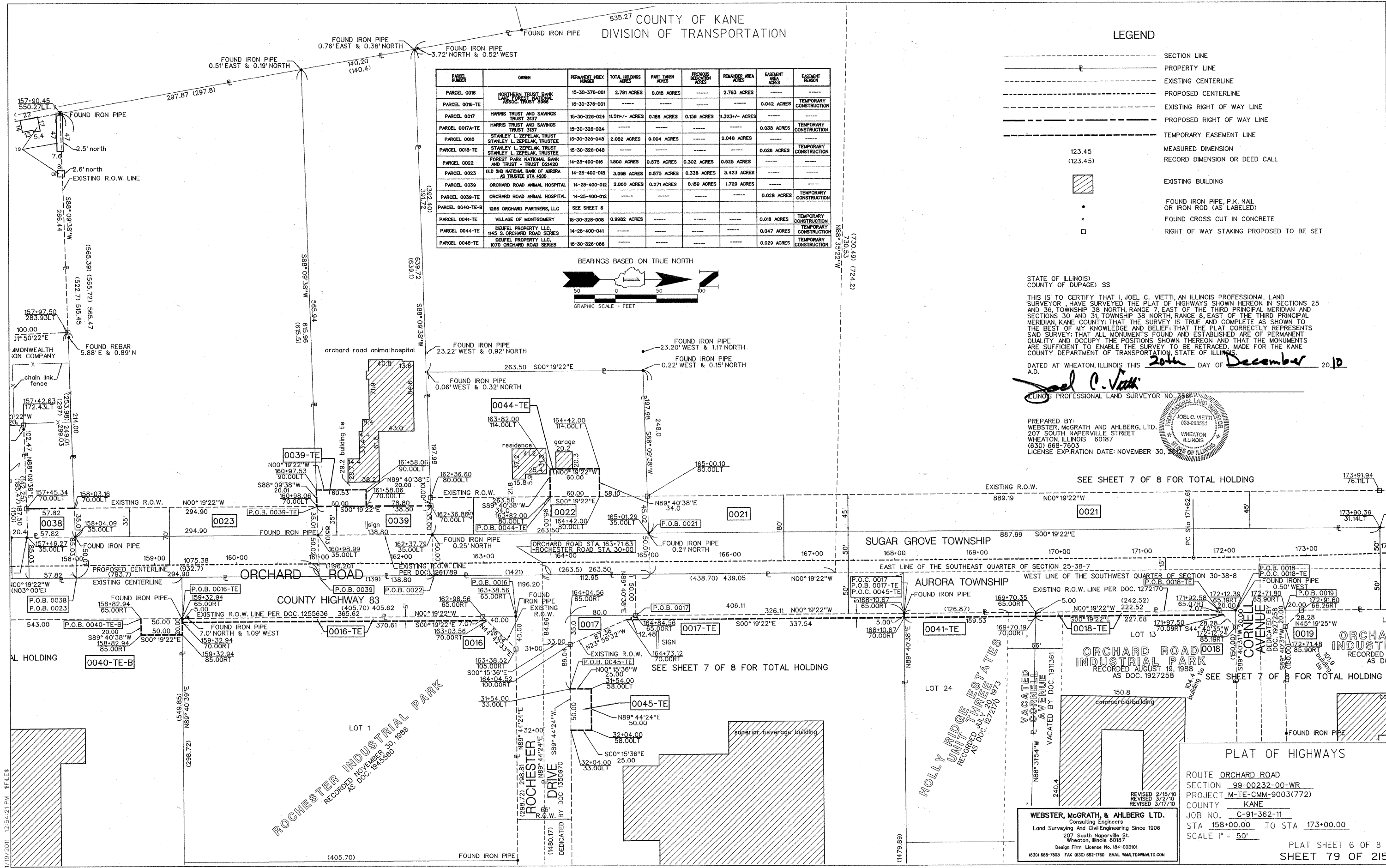
STATE OF ILLINOIS
COUNTY OF DUPAGE) SS

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DATED AT WHEATON, ILLINOIS THIS 20th DAY OF December 2010 A.D.

Joel C. Vietti
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3564

PREPARED BY:
WEBSTER, McGRATH AND AHLBERG, LTD.
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WHEATON, ILLINOIS 60187
(630) 666-7603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012



SEE SHEET 7 OF 8 FOR TOTAL HOLDING

SEE SHEET 7 OF 8 FOR TOTAL HOLDING

PLAT OF HIGHWAYS

ROUTE ORCHARD ROAD
SECTION 99-00232-00-WR
PROJECT M-TE-CMM-9003(772)
COUNTY KANE
JOB NO. C-91-362-11
STA 158+00.00 TO STA 173+00.00
SCALE 1" = 50'

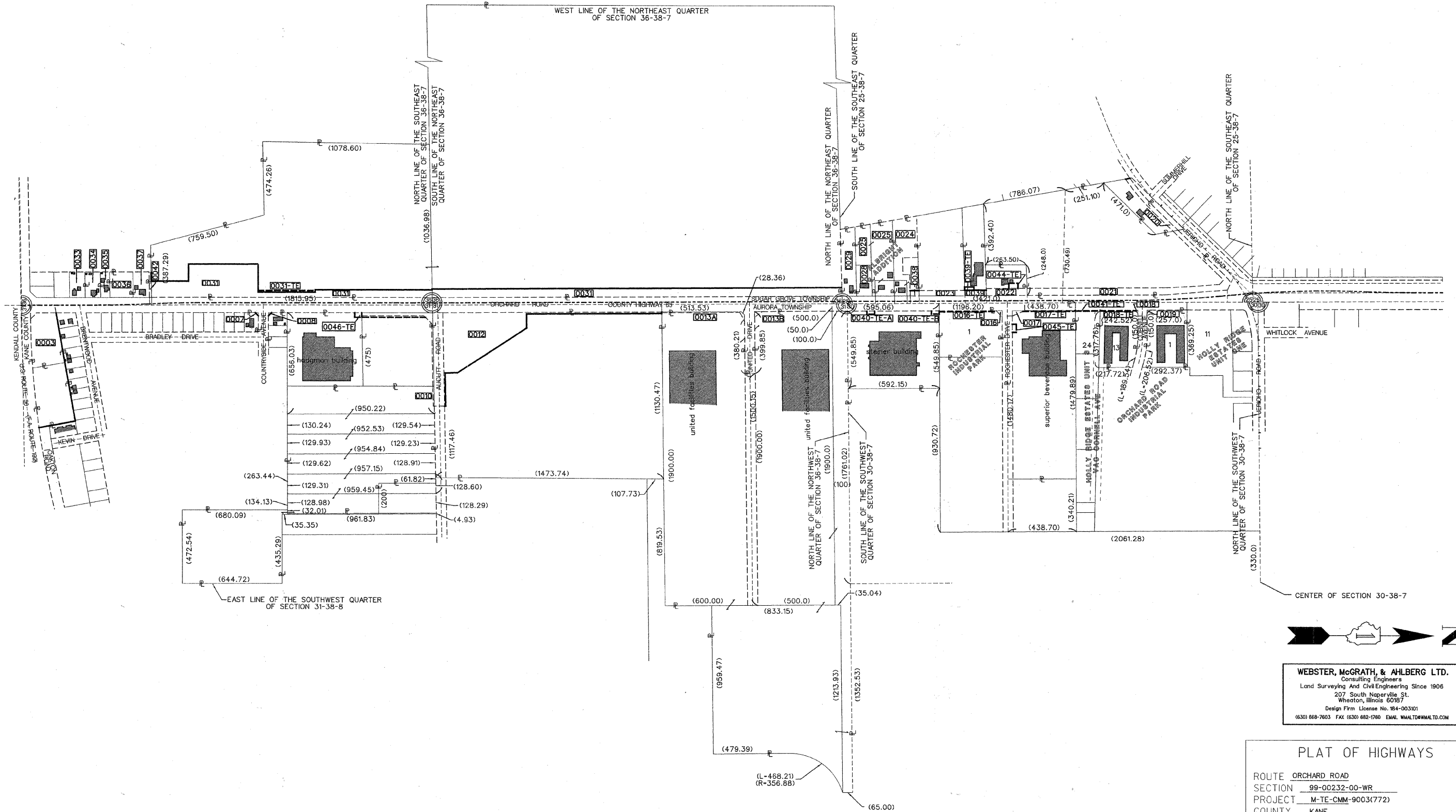
REVISOR 2/15/10
REVISOR 3/2/10
REVISOR 3/17/10

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Land Surveying And Civil Engineering Since 1906
207 South Naperville St.
Wheaton, Illinois 60187
Design Firm License No. 184-003101
(630) 666-7603 FAX (630) 682-1780 EMAIL WMA.TORMAILD.COM

PLAT SHEET 6 OF 8
SHEET 79 OF 215

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COUNTY OF KANE
DIVISION OF TRANSPORTATION



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 Design Firm License No. 184-003101
 (630) 888-7603 FAX (630) 882-1760 EMAIL WMALTO@WMALTD.COM

PLAT OF HIGHWAYS
 ROUTE ORCHARD ROAD
 SECTION 99-00232-00-WR
 PROJECT M-TE-CMM-9003(772)
 COUNTY KANE
 JOB NO. C-91-362-11
 STA 100+00.00 TO STA 171+62.60
 SCALE 1" = 300'
 PLAT SHEET 7 OF 8
 SHEET 80 OF 215

COUNTY OF KANE
DIVISION OF TRANSPORTATION

PARCEL NUMBER	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PREVIOUS DEDICATION ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT REASON
PARCEL 0043-PE	FOX VALLEY PARK DISTRICT	153-05-56	31.8 ACRES	-----	-----	31.8 ACRES	0.125 ACRES	PERMANENT STORM SEWER

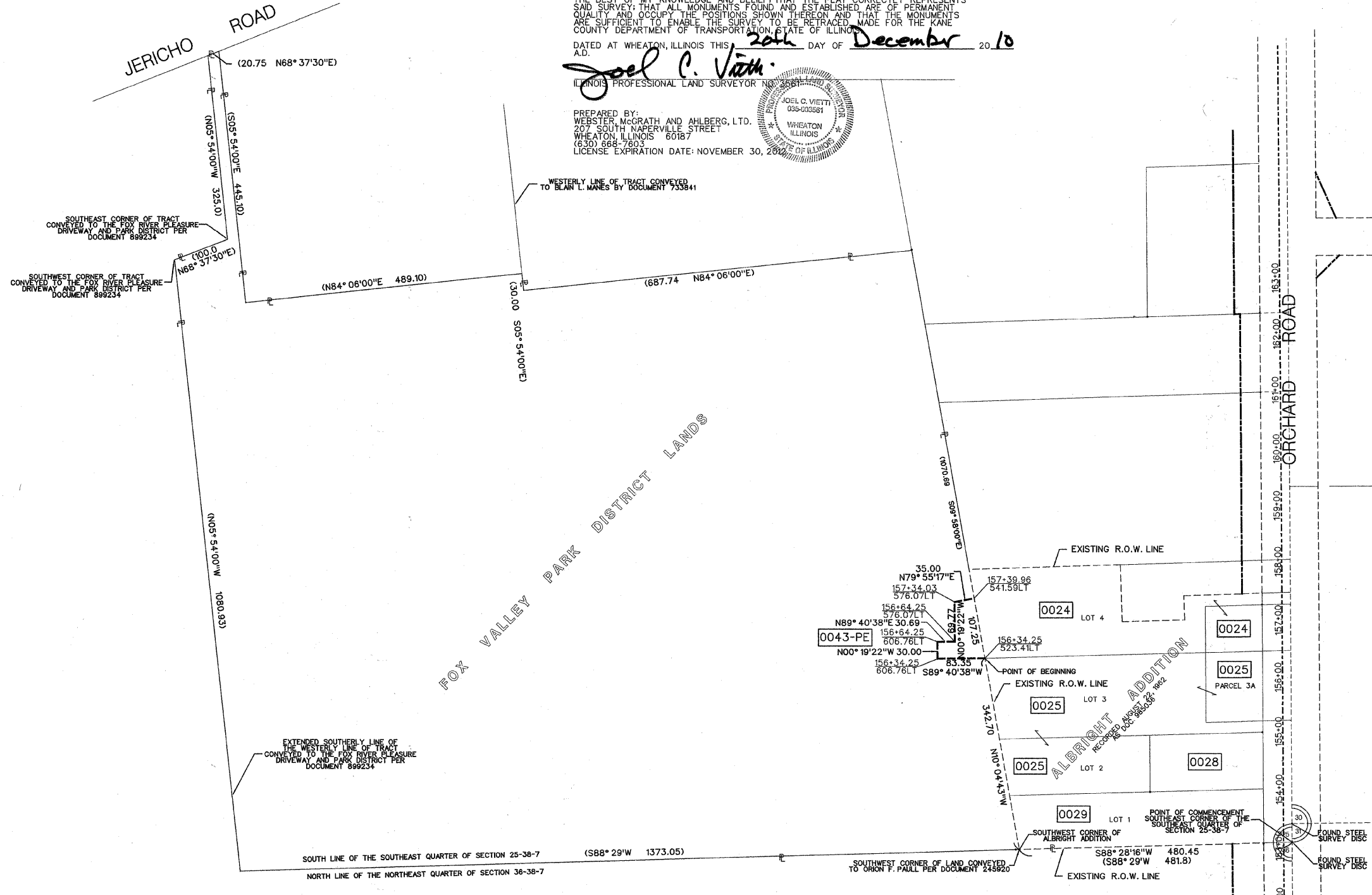
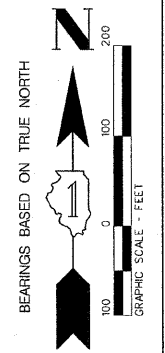
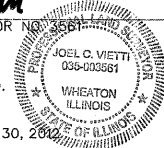
STATE OF ILLINOIS
COUNTY OF DUPAGE) SS

THIS IS TO CERTIFY THAT I, JOEL C. VIETTI, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 25 AND 36, TOWNSHIP 38 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN AND SECTIONS 30 AND 31, TOWNSHIP 38 NORTH, RANGE 8, EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE KANE COUNTY DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT WHEATON, ILLINOIS THIS 20th DAY OF December 2010 A.D.

Joel C. Vietti
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 0351-033661

PREPARED BY:
WEBSTER, McGRATH AND AHLBERG, LTD.
207 SOUTH NAPERVILLE STREET
WHEATON, ILLINOIS 60187
(630) 668-7603
LICENSE EXPIRATION DATE: NOVEMBER 30, 2012



LEGEND

	SECTION LINE
	PROPERTY LINE
	EXISTING CENTERLINE
	PROPOSED CENTERLINE
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	EASEMENT LINE
	MEASURED DIMENSION
	RECORD DIMENSION OR DEED CALL
	EXISTING BUILDING
	FOUND IRON PIPE, P.K. NAIL OR IRON ROD (AS LABELED)
	FOUND CROSS CUT IN CONCRETE
	RIGHT OF WAY STAKING PROPOSED TO BE SET

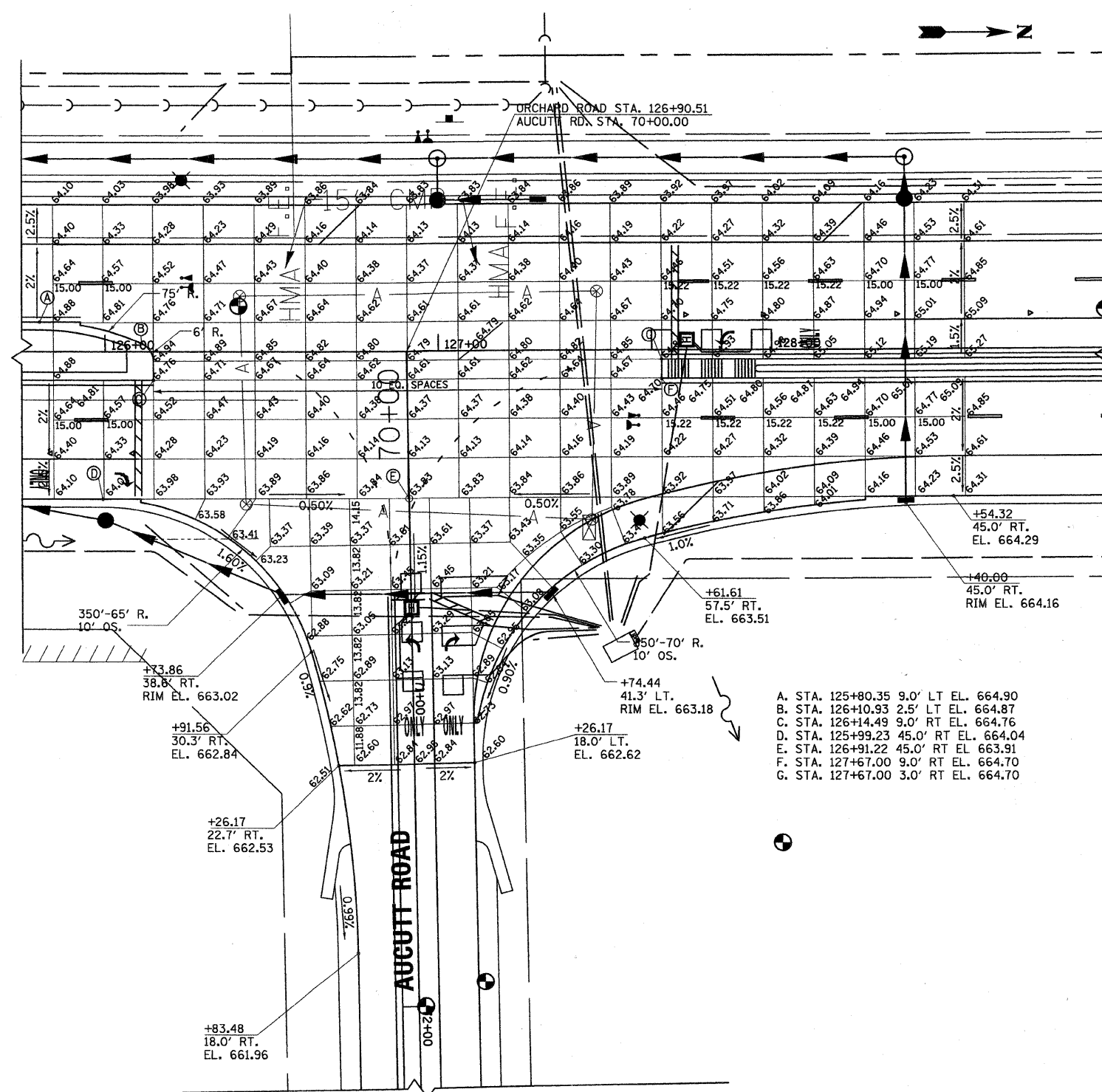
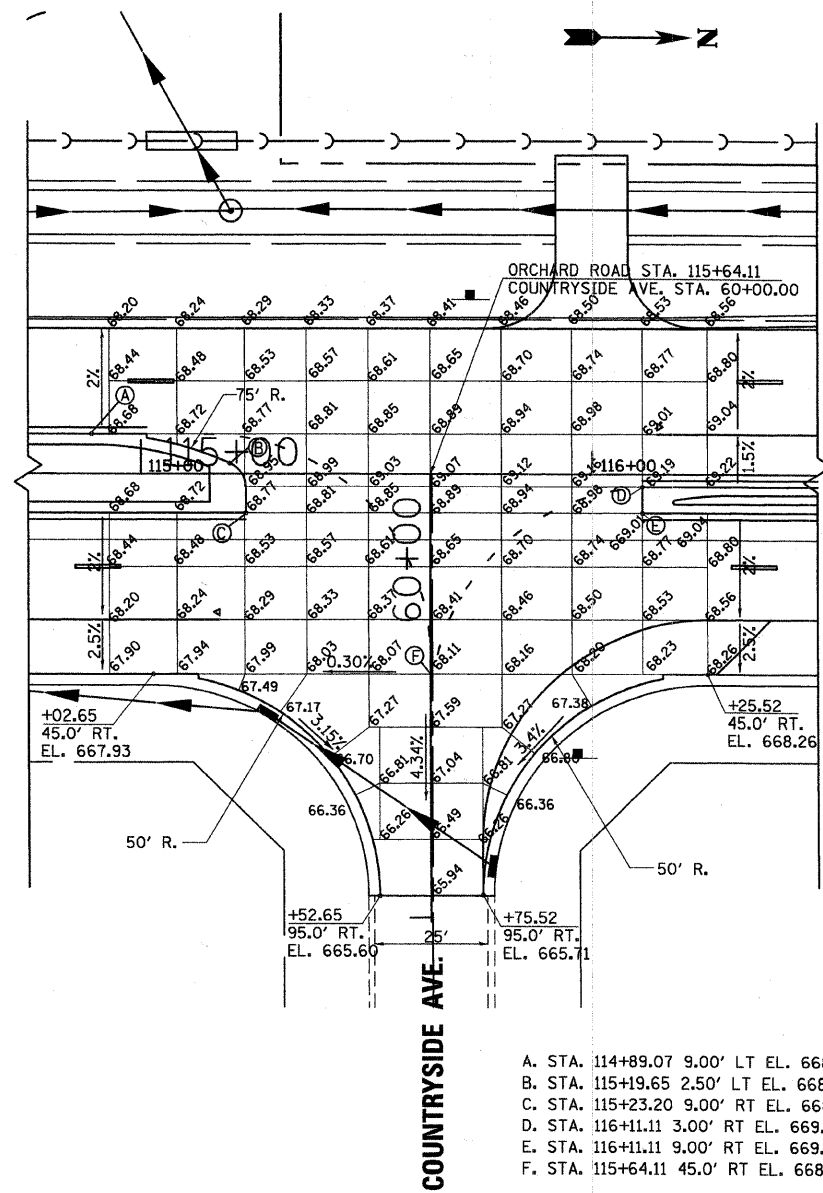
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Wheaton, Illinois 60187
Design Firm License No. 184-003101
(630) 668-7603 FAX (630) 682-1760 EMAIL: MMALTD@MMALTD.COM

PLAT OF HIGHWAYS

ROUTE ORCHARD ROAD
SECTION 99-00232-00-WR
PROJECT M-TE-CMM-9003(772)
COUNTY KANE
JOB NO. C-91-362-11
STA 153+05.56 TO STA 157+46.27
SCALE = 1" = 100'

PLAT SHEET 8 OF 8
SHEET 81 OF 215

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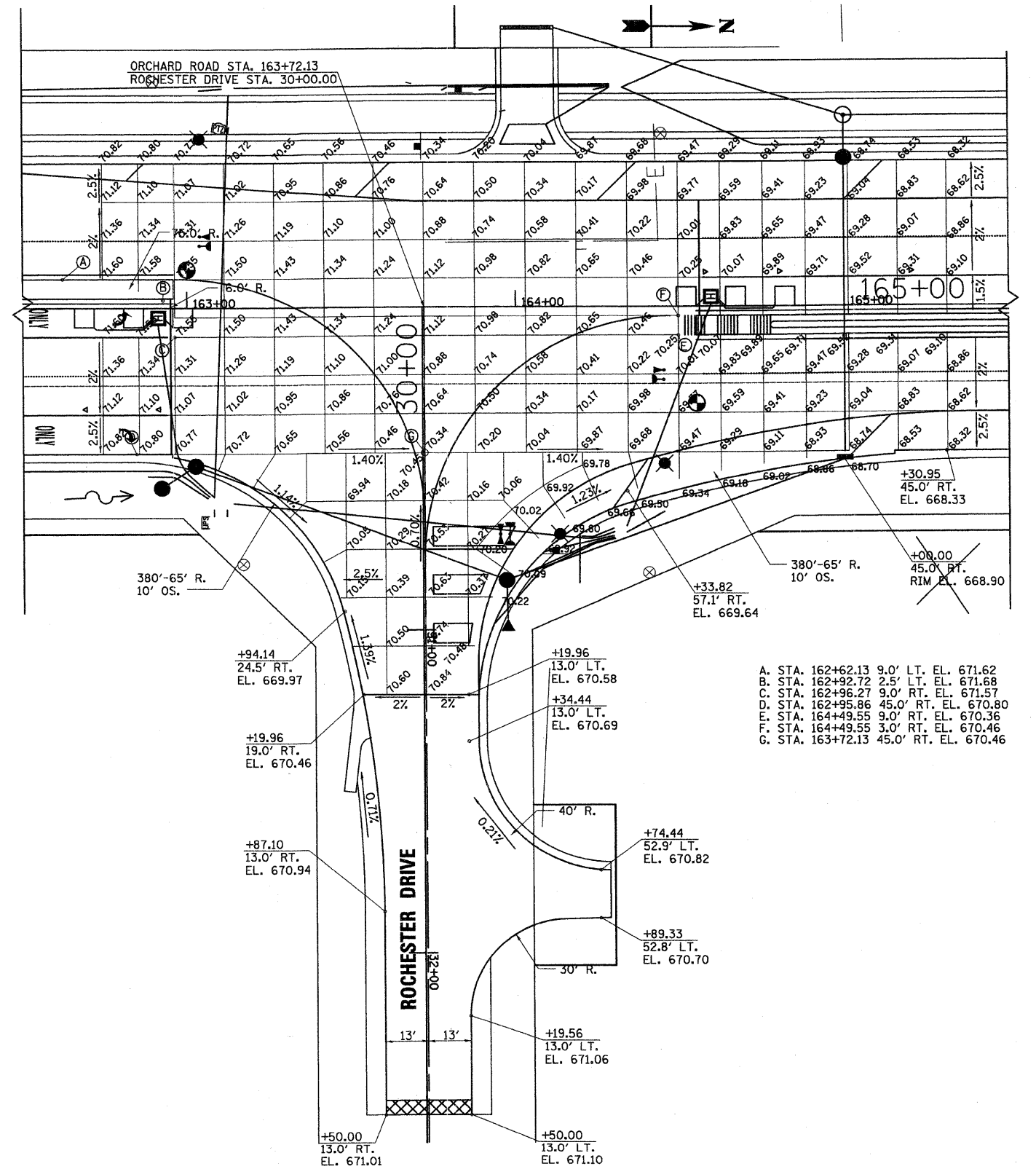
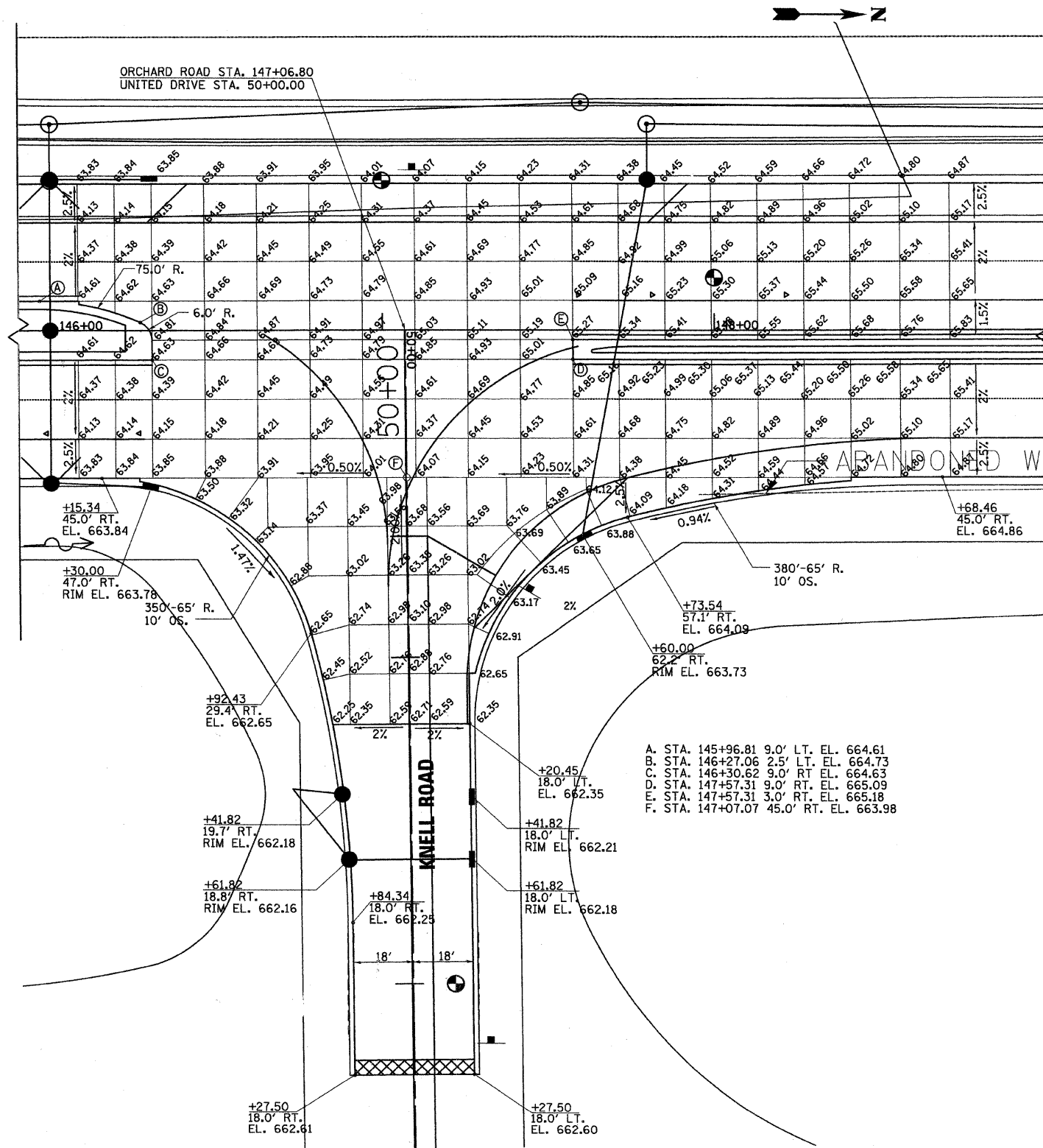
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DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

INTERSECTION DETAIL
COUNTRYSIDE DR./AUCUTT RD.

SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 82
CONTRACT NO. 63541				ILLINOIS FED. AID PROJECT



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Wheaton, IL 60187

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DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

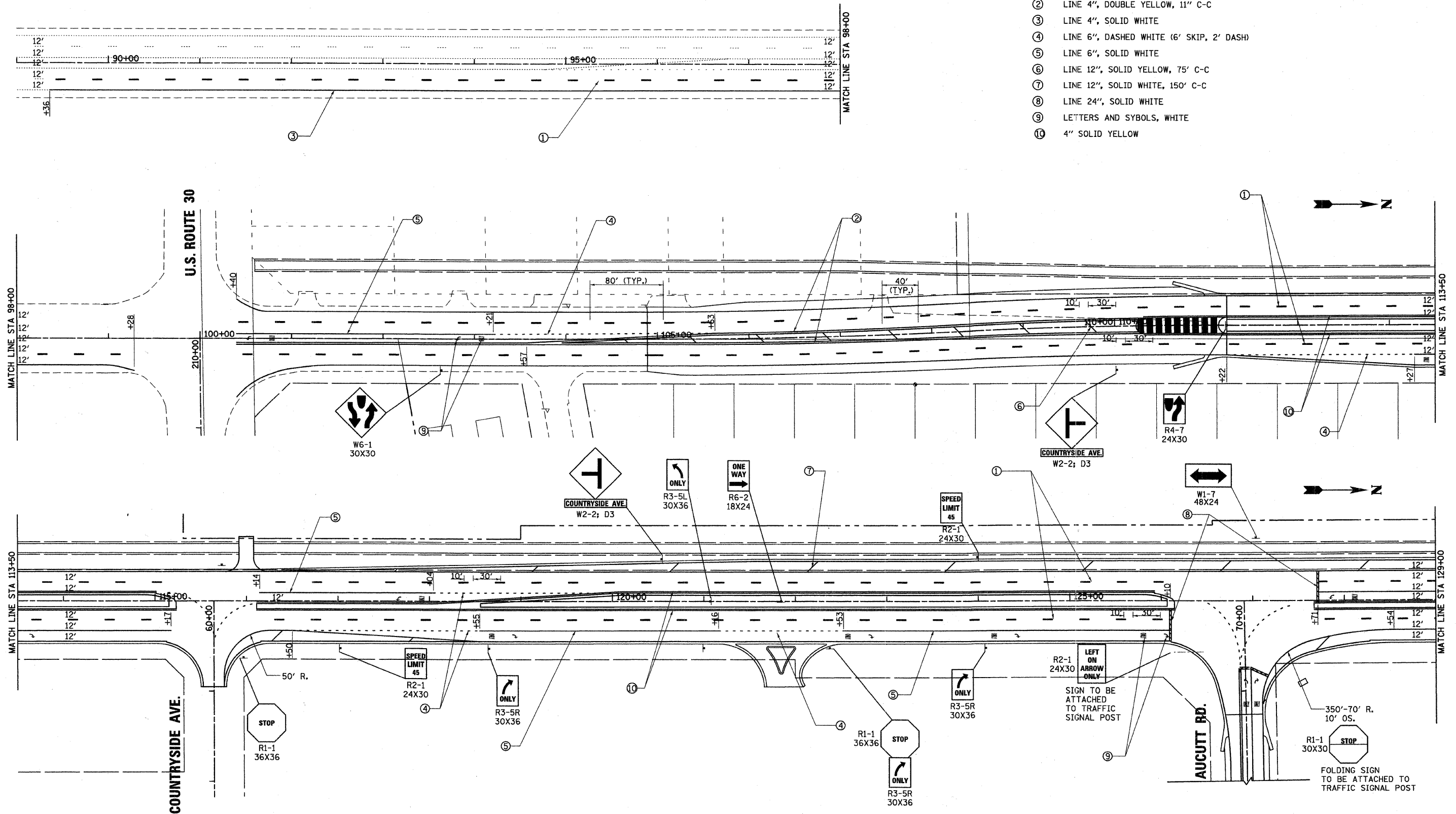
INTERSECTION DETAIL
KNELL ROAD/ROCHESTER DRIVE

SCALE: 1" = 50'
SHEET NO. 2 OF 2 SHEETS
STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	83
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① LINE 4", SKIP-DASH WHITE (30' SKIP, 10' DASH)
- ② LINE 4", DOUBLE YELLOW, 11" C-C
- ③ LINE 4", SOLID WHITE
- ④ LINE 6", DASHED WHITE (6' SKIP, 2' DASH)
- ⑤ LINE 6", SOLID WHITE
- ⑥ LINE 12", SOLID YELLOW, 75' C-C
- ⑦ LINE 12", SOLID WHITE, 150' C-C
- ⑧ LINE 24", SOLID WHITE
- ⑨ LETTERS AND SYBOLS, WHITE
- ⑩ 4" SOLID YELLOW



NOTES:
 1. SIGNS SHOWN ON THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. ALL SIGNS AND POSTS WILL BE FURNISHED AND INSTALLED BY THE KANE COUNTY DOT.
 2. ALL PAVEMENT MARKINGS ON THIS SHEET REPRESENT URETHANE PAVEMENT MARKING.

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 12/17/2010
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200 West Front Street
 Wheaton, IL 60187

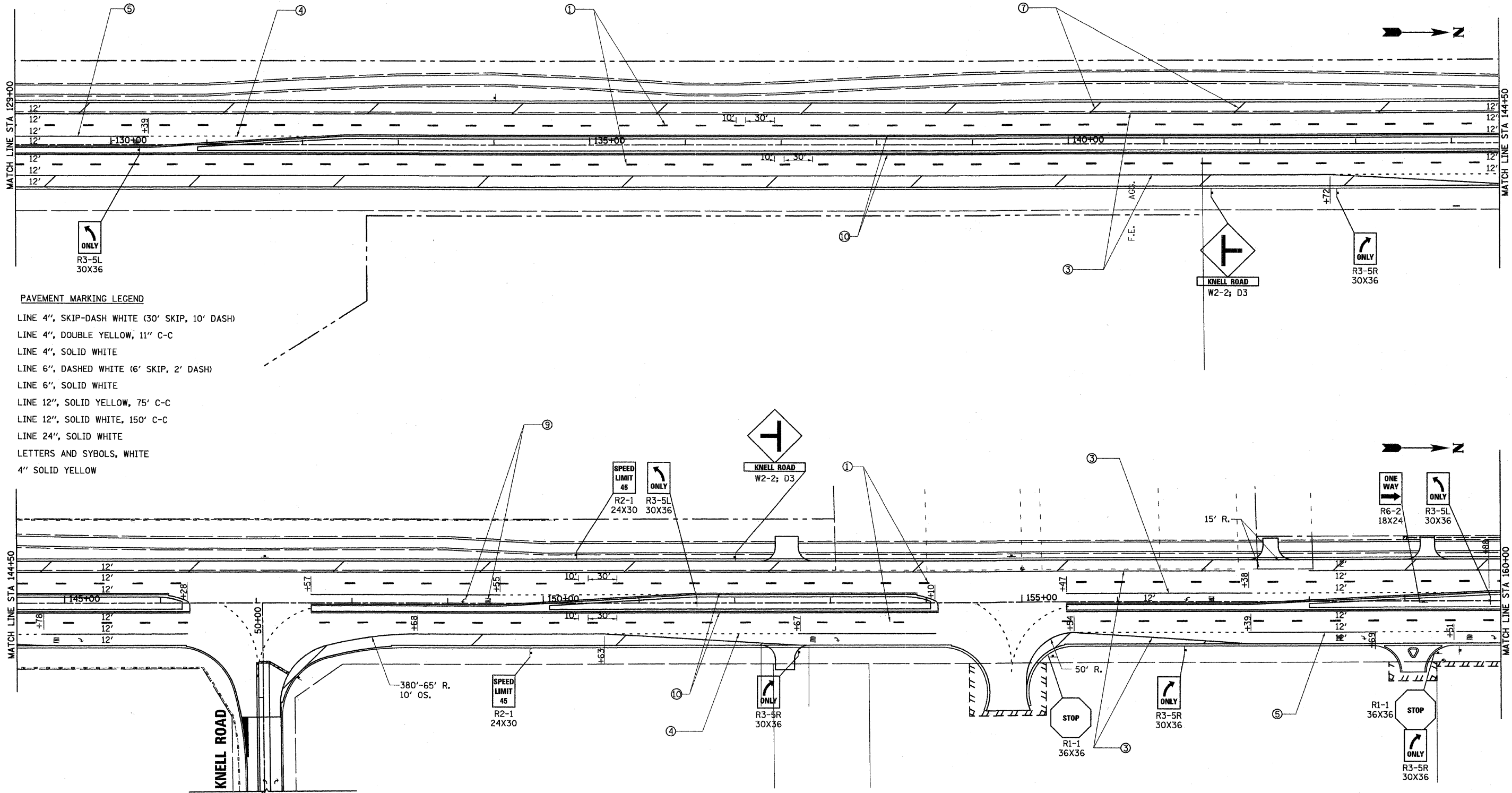
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DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION

SIGNING AND PAVEMENT MARKING PLAN

SCALE: 1" = 50' SHEET NO. 1 OF 4 SHEETS STA. 89+00.00 TO STA. 129+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	84
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① LINE 4", SKIP-DASH WHITE (30' SKIP, 10' DASH)
 - ② LINE 4", DOUBLE YELLOW, 11" C-C
 - ③ LINE 4", SOLID WHITE
 - ④ LINE 6", DASHED WHITE (6' SKIP, 2' DASH)
 - ⑤ LINE 6", SOLID WHITE
 - ⑥ LINE 12", SOLID YELLOW, 75' C-C
 - ⑦ LINE 12", SOLID WHITE, 150' C-C
 - ⑧ LINE 24", SOLID WHITE
 - ⑨ LETTERS AND SYBOLS, WHITE
 - ⑩ 4" SOLID YELLOW

NOTES:

- SIGNS SHOWN ON THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. ALL SIGNS AND POSTS WILL BE FURNISHED AND INSTALLED BY THE KANE COUNTY DOT.
- ALL PAVEMENT MARKINGS ON THIS SHEET REPRESENT URETHANE PAVEMENT MARKING.

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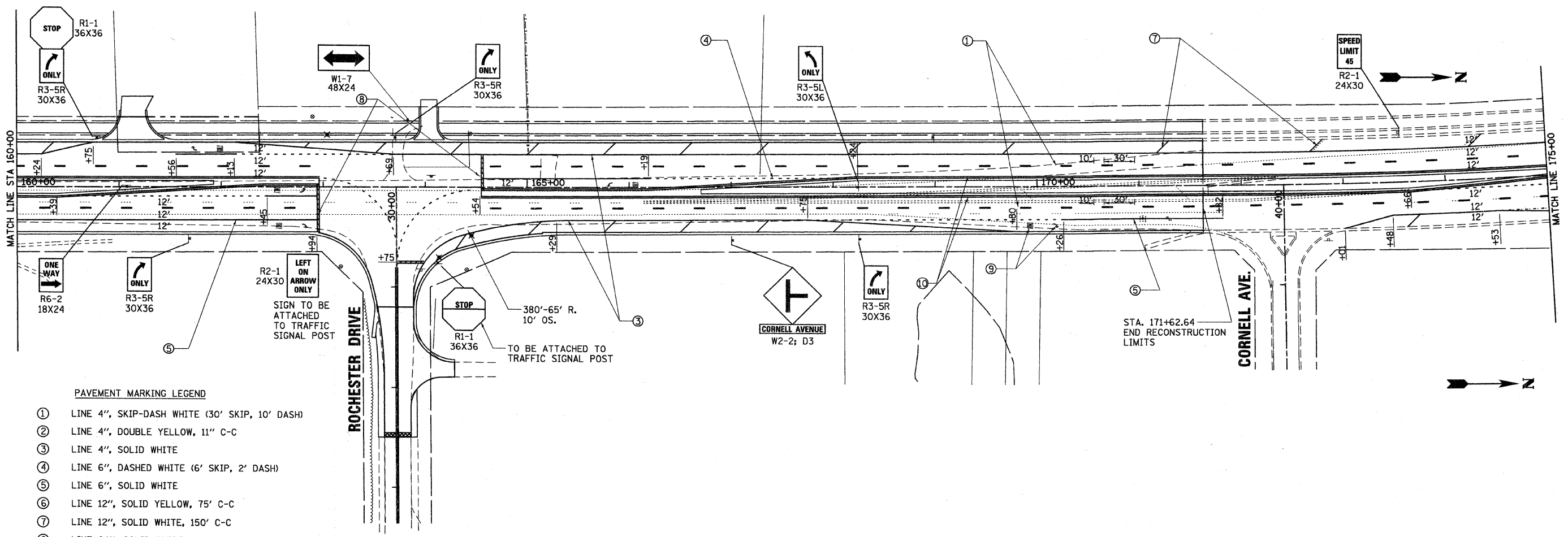
200 West Front Street
 Wheaton, IL 60187
 Excellence through Ownership

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

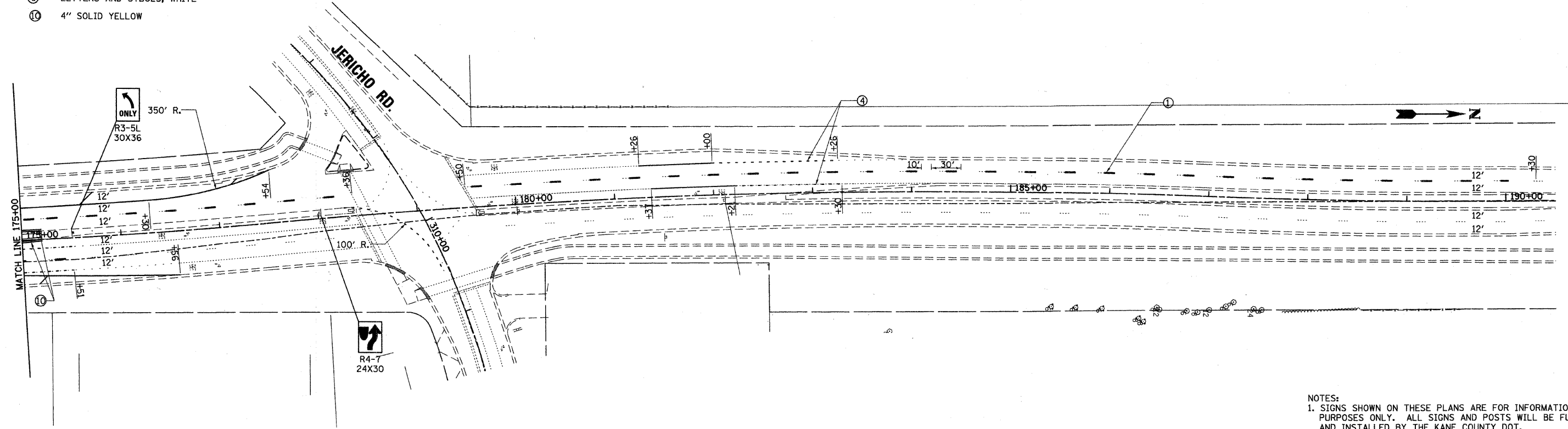
KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

SIGNING AND PAVEMENT MARKING PLAN
 SCALE: 1" = 50'
 SHEET NO. 2 OF 4 SHEETS
 STA. 129+00.00 TO STA. 160+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 85
				CONTRACT NO. 63541
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① LINE 4", SKIP-DASH WHITE (30' SKIP, 10' DASH)
 - ② LINE 4", DOUBLE YELLOW, 11" C-C
 - ③ LINE 4", SOLID WHITE
 - ④ LINE 6", DASHED WHITE (6' SKIP, 2' DASH)
 - ⑤ LINE 6", SOLID WHITE
 - ⑥ LINE 12", SOLID YELLOW, 75' C-C
 - ⑦ LINE 12", SOLID WHITE, 150' C-C
 - ⑧ LINE 24", SOLID WHITE
 - ⑨ LETTERS AND SYBOLS, WHITE
 - ⑩ 4" SOLID YELLOW



NOTES:

1. SIGNS SHOWN ON THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. ALL SIGNS AND POSTS WILL BE FURNISHED AND INSTALLED BY THE KANE COUNTY DOT.
2. ALL PAVEMENT MARKINGS ON THIS SHEET REPRESENT URETHANE PAVEMENT MARKING.

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200 West Front Street
 Wheaton, IL 60187

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CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

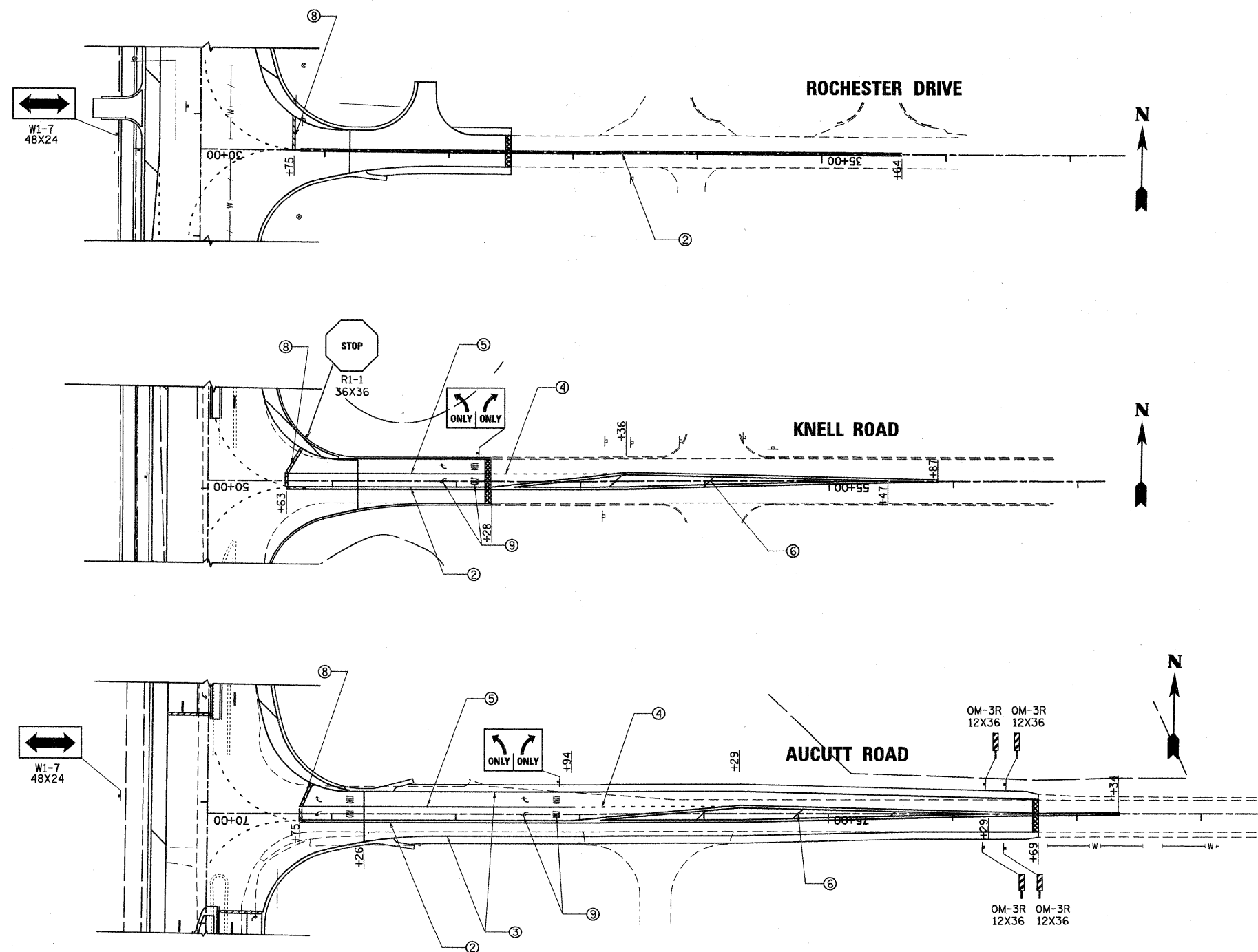
SIGNING AND PAVEMENT MARKING PLAN

SCALE: 1" = 50' SHEET NO. 3 OF 4 SHEETS STA. 160+00.00 TO STA. 190+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 86
				CONTRACT NO. 63541
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① LINE 4", SKIP-DASH WHITE (30' SKIP, 10' DASH)
- ② LINE 4", DOUBLE YELLOW, 11" C-C
- ③ LINE 4", SOLID WHITE
- ④ LINE 6", DASHED WHITE (6' SKIP, 2' DASH)
- ⑤ LINE 6", SOLID WHITE
- ⑥ LINE 12", SOLID YELLOW, 75' C-C
- ⑦ LINE 12", SOLID WHITE, 150' C-C
- ⑧ LINE 24", SOLID WHITE
- ⑨ LETTERS AND SYBOLS, WHITE
- ⑩ 4" SOLID YELLOW



NOTES:
 1. SIGNS SHOWN ON THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. ALL SIGNS AND POSTS WILL BE FURNISHED AND INSTALLED BY THE KANE COUNTY DOT.
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200 West Front Street
 Wheaton, IL 60187

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DATE - 12/20/2010	REVISED -

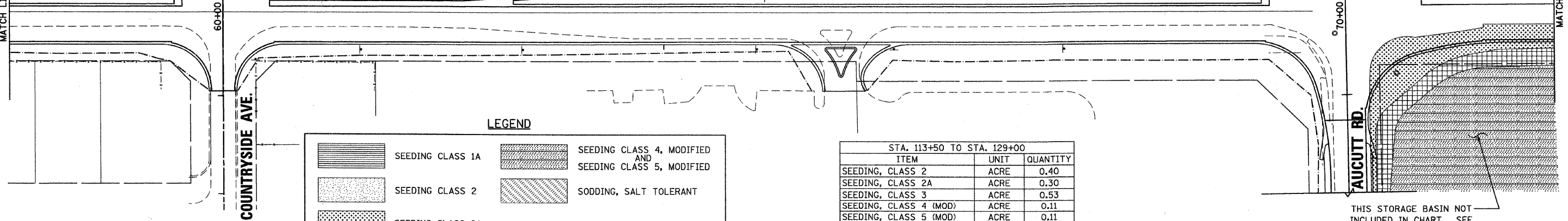
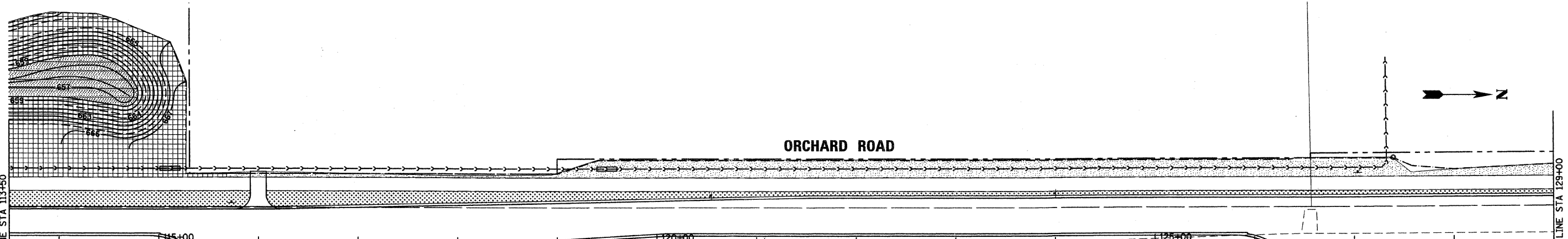
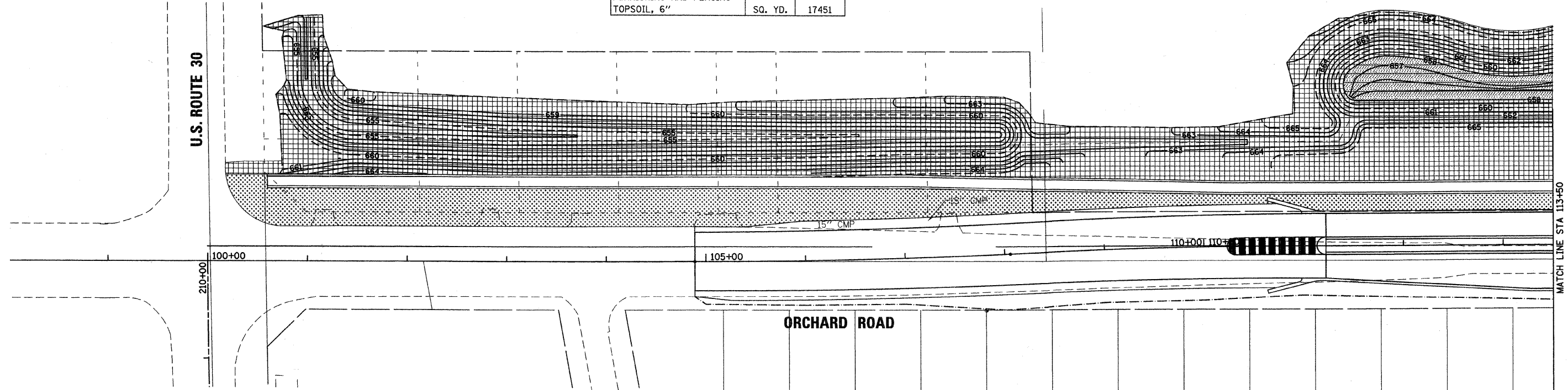
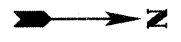
**KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION**

SIGNING AND PAVEMENT MARKING PLAN

SCALE: 1" = 50' SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 87
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				

STA. 100+18.80 TO STA. 113+50		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 2A	ACRE	0.83
SEEDING, CLASS 3	ACRE	2.62
SEEDING, CLASS 4 (MOD)	ACRE	0.16
SEEDING, CLASS 5 (MOD)	ACRE	0.16
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	17451



LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

STA. 113+50 TO STA. 129+00		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 2	ACRE	0.40
SEEDING, CLASS 2A	ACRE	0.30
SEEDING, CLASS 3	ACRE	0.53
SEEDING, CLASS 4 (MOD)	ACRE	0.11
SEEDING, CLASS 5 (MOD)	ACRE	0.11
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	6528

THIS STORAGE BASIN NOT INCLUDED IN CHART. SEE LAST SHEET OF STAGE II FOR AREAS.

GENERAL NOTES
1.) SEE DETENTION BASIN GRADING PLANS FOR RESTORATION OF BASIN AREAS.

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200 West Front Street
Wheaton, IL 60187

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DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**LANDSCAPING PLAN
STAGE II**

SCALE: 1" = 50' SHEET NO. 1 OF 11 SHEETS STA. 100+00.00 TO STA. 129+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 88
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	

ORCHARD ROAD



MATCH LINE STA 129+00

MATCH LINE STA 144+50

130+00 135+00 140+00

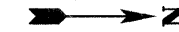
STA. 129+00 TO STA. 144+50		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 2	ACRE	0.46
SEEDING, CLASS 2A	ACRE	0.43
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	4304

THIS STORAGE BASIN NOT INCLUDED IN CHART. SEE LAST SHEET OF STAGE II FOR AREAS.

LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

ORCHARD ROAD



MATCH LINE STA 144+50

MATCH LINE STA 160+00

145+00 150+00 155+00

50+00
00+05

KNELL ROAD

STA. 144+50 TO STA. 160+00		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 2	ACRE	0.21
SEEDING, CLASS 2A	ACRE	0.21
SEEDING, CLASS 3	ACRE	2.02
SEEDING, CLASS 4 (MOD)	ACRE	2.48
SEEDING, CLASS 5 (MOD)	ACRE	2.48
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	23840

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200 West Front Street
Wheaton, IL 60187

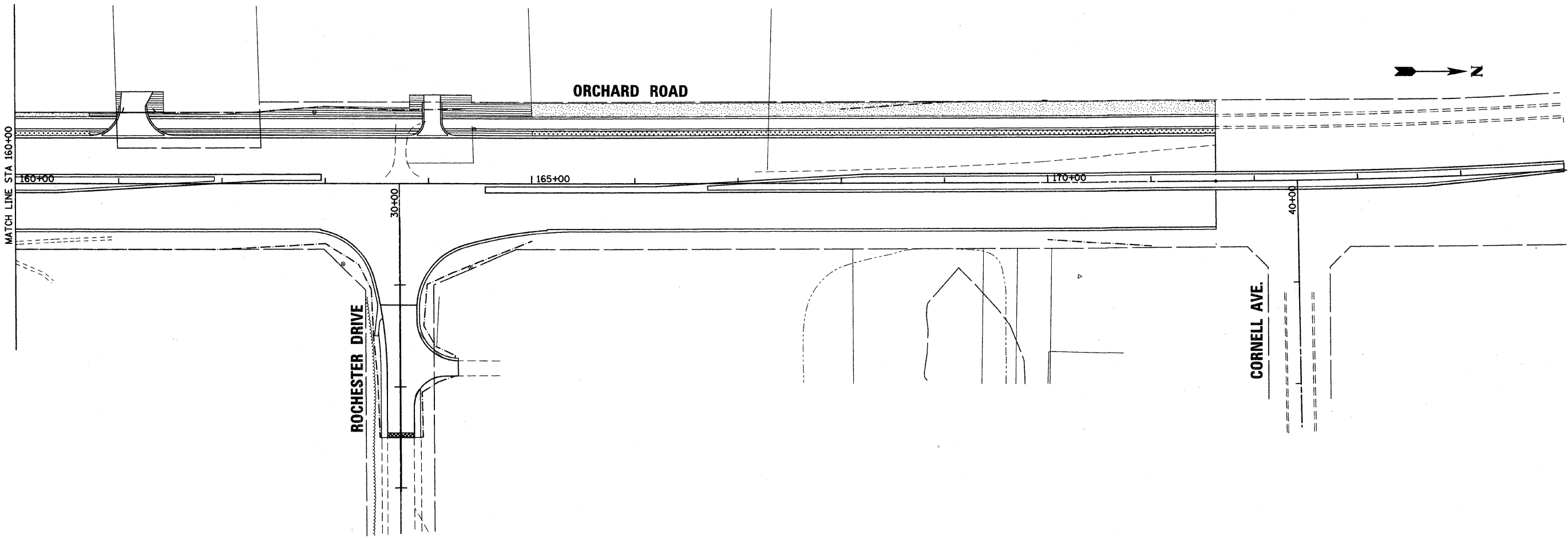
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DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

LANDSCAPING PLAN
STAGE II

SCALE: 1" = 50' SHEET NO. 2 OF 11 SHEETS STA. 129+00.00 TO STA. 160+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	89
				CONTRACT NO. 63541
[ILLINOIS] FED. AID PROJECT				



LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

STA. 160+00 TO STA. 175+00		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 1A	ACRE	0.12
SEEDING, CLASS 2	ACRE	0.21
SEEDING, CLASS 2A	ACRE	0.08
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	1952

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 Excellence through Ownership

200 West Front Street
 Wheaton, IL 60187

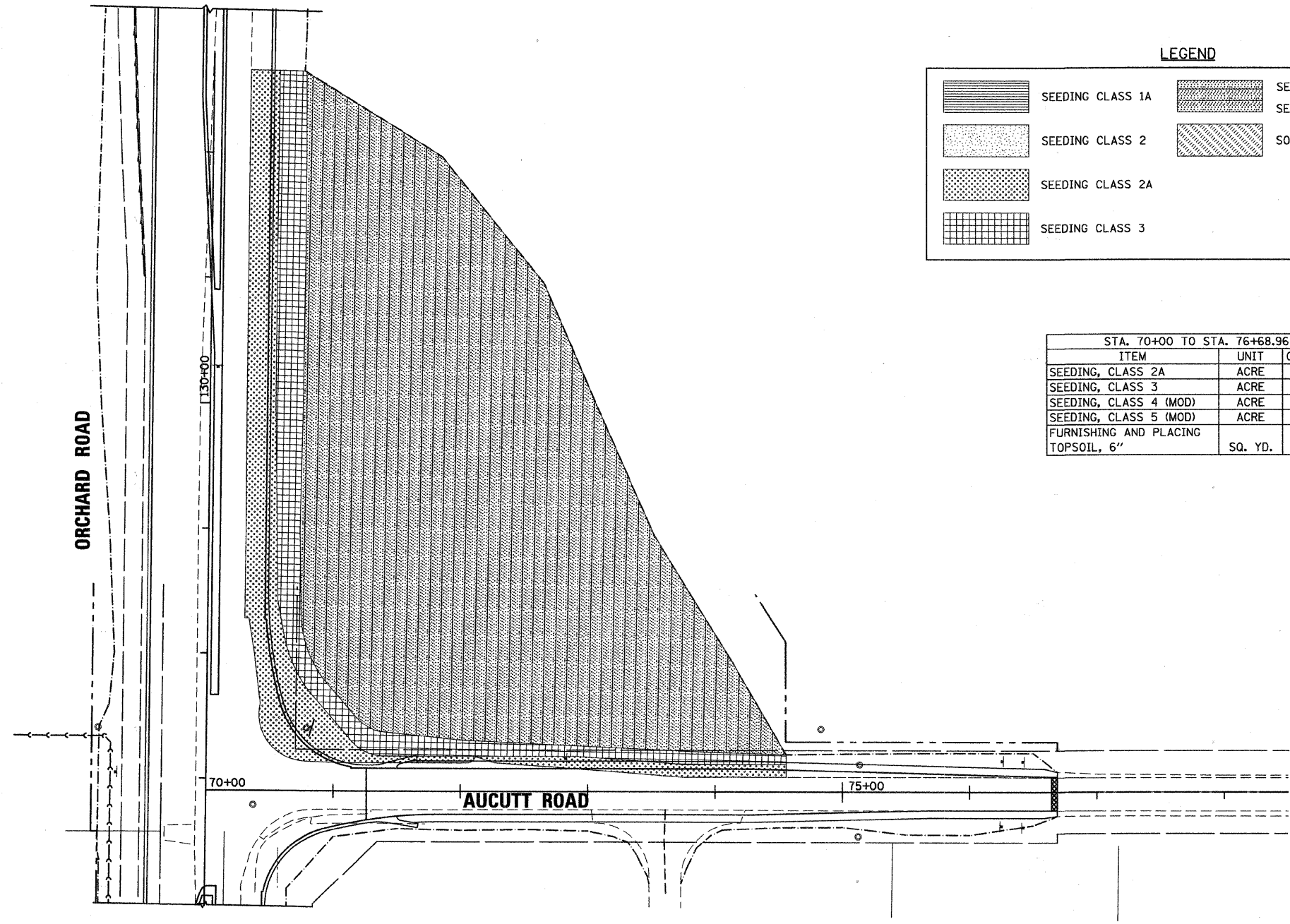
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DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

LANDSCAPING PLAN
STAGE II

SCALE: 1" = 50' SHEET NO. 3 OF 11 SHEETS STA. 160+00.00 TO STA. 175+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 90
				CONTRACT NO. 63541
ILLINOIS FED. AID PROJECT				



LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

STA. 70+00 TO STA. 76+68.96

ITEM	UNIT	QUANTITY
SEEDING, CLASS 2A	ACRE	0.41
SEEDING, CLASS 3	ACRE	0.34
SEEDING, CLASS 4 (MOD)	ACRE	2.70
SEEDING, CLASS 5 (MOD)	ACRE	2.70
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	16698

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 200 West Front Street
 Wheaton, IL 60187

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DATE - 12/20/2010	REVISED -

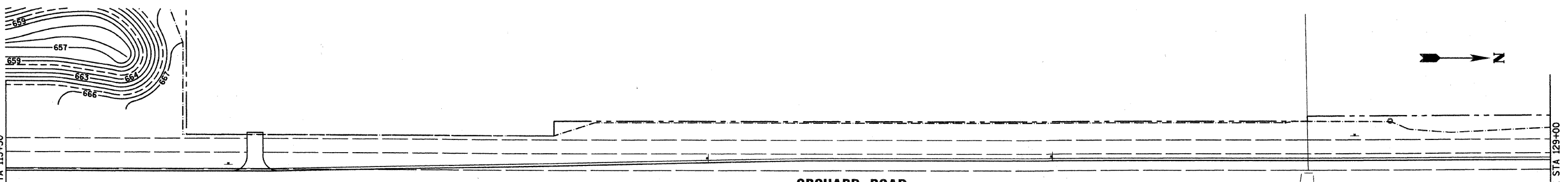
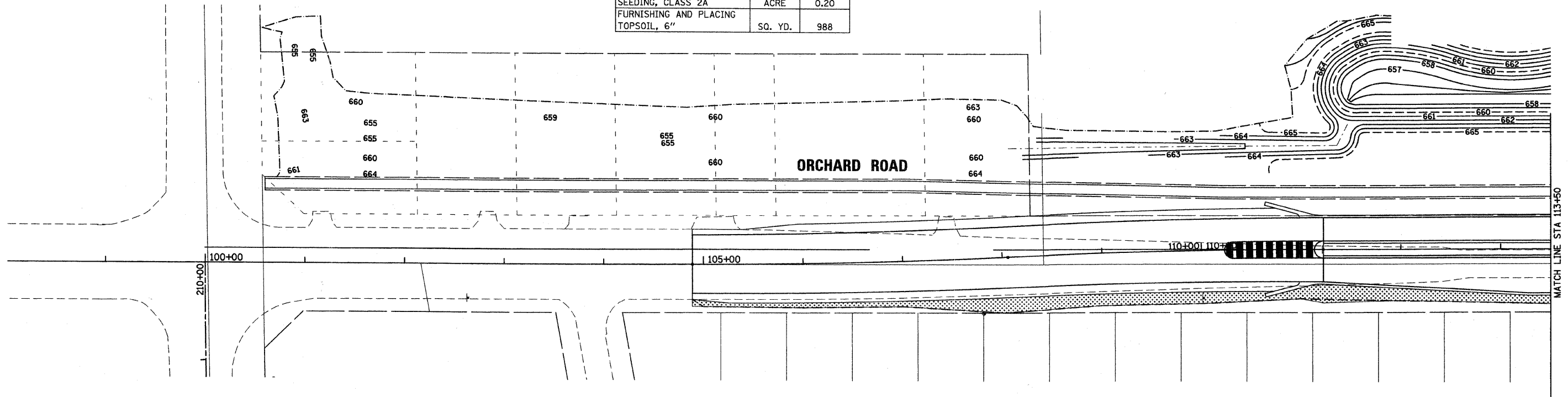
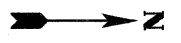
KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

LANDSCAPING PLAN
STAGE II

SCALE: 1" = 50' SHEET NO. 4 OF 11 SHEETS STA. 70+00.00 TO STA. 78+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	91
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				

STA. 100+18.80 TO STA. 113+50		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 2A	ACRE	0.20
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	988



LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

STA. 113+50 TO STA. 129+00		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 1A	ACRE	0.05
SEEDING, CLASS 2A	ACRE	0.34
SEEDING, CLASS 3	ACRE	0.10
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	2378

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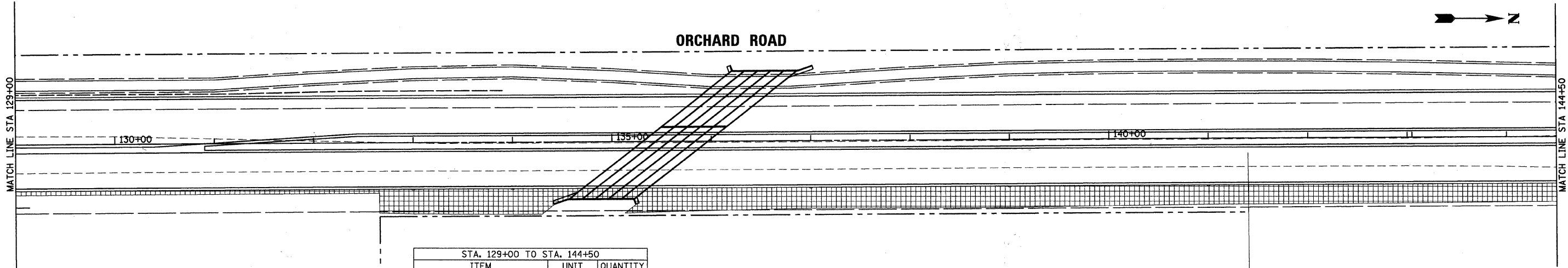
rnjgroup
 Excellence through Ownership
 200 West Front Street
 Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
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DATE - 12/20/2010	REVISED -

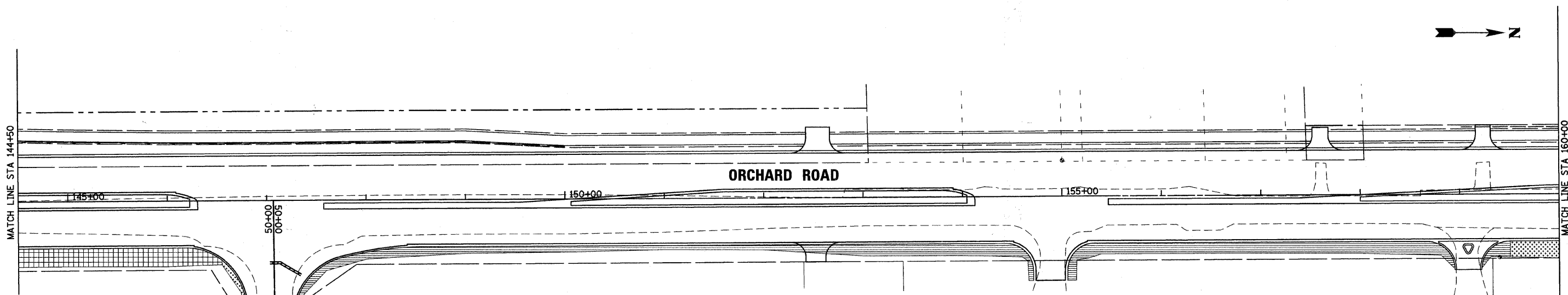
KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

LANDSCAPING PLAN
STAGE III
 SCALE: 1" = 50' SHEET NO. 5 OF 11 SHEETS STA. 100+00.00 TO STA. 129+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	92
				CONTRACT NO. 63541
ILLINOIS FED. AID PROJECT				



STA. 129+00 TO STA. 144+50		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 3	ACRE	0.59
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	2866



STA. 144+50 TO STA. 160+00		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 1A	ACRE	0.28
SEEDING, CLASS 2A	ACRE	0.03
SEEDING, CLASS 3	ACRE	0.08
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	1994

LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

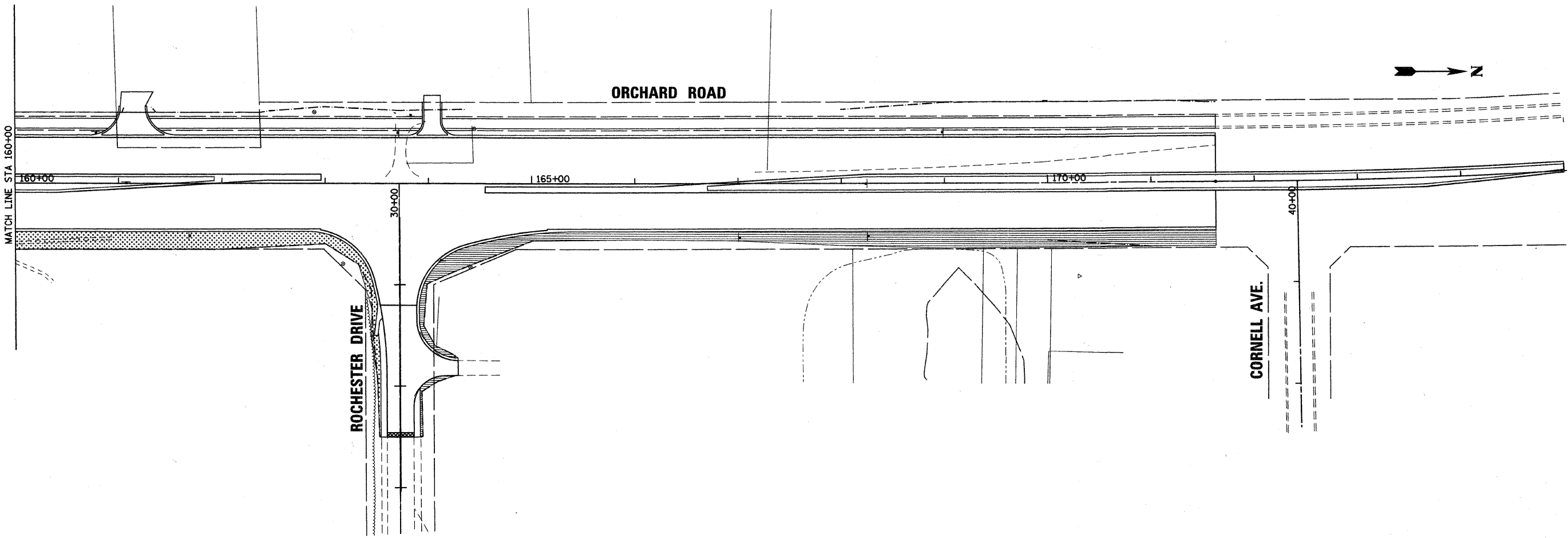
KNELL ROAD

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DATE - 12/20/2010	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	93

CONTRACT NO. 63541
ILLINOIS FED. AID PROJECT



LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

STA. 160+00 TO STA. 175+00		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 1A	ACRE	0.25
SEEDING, CLASS 2A	ACRE	0.14
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	1894

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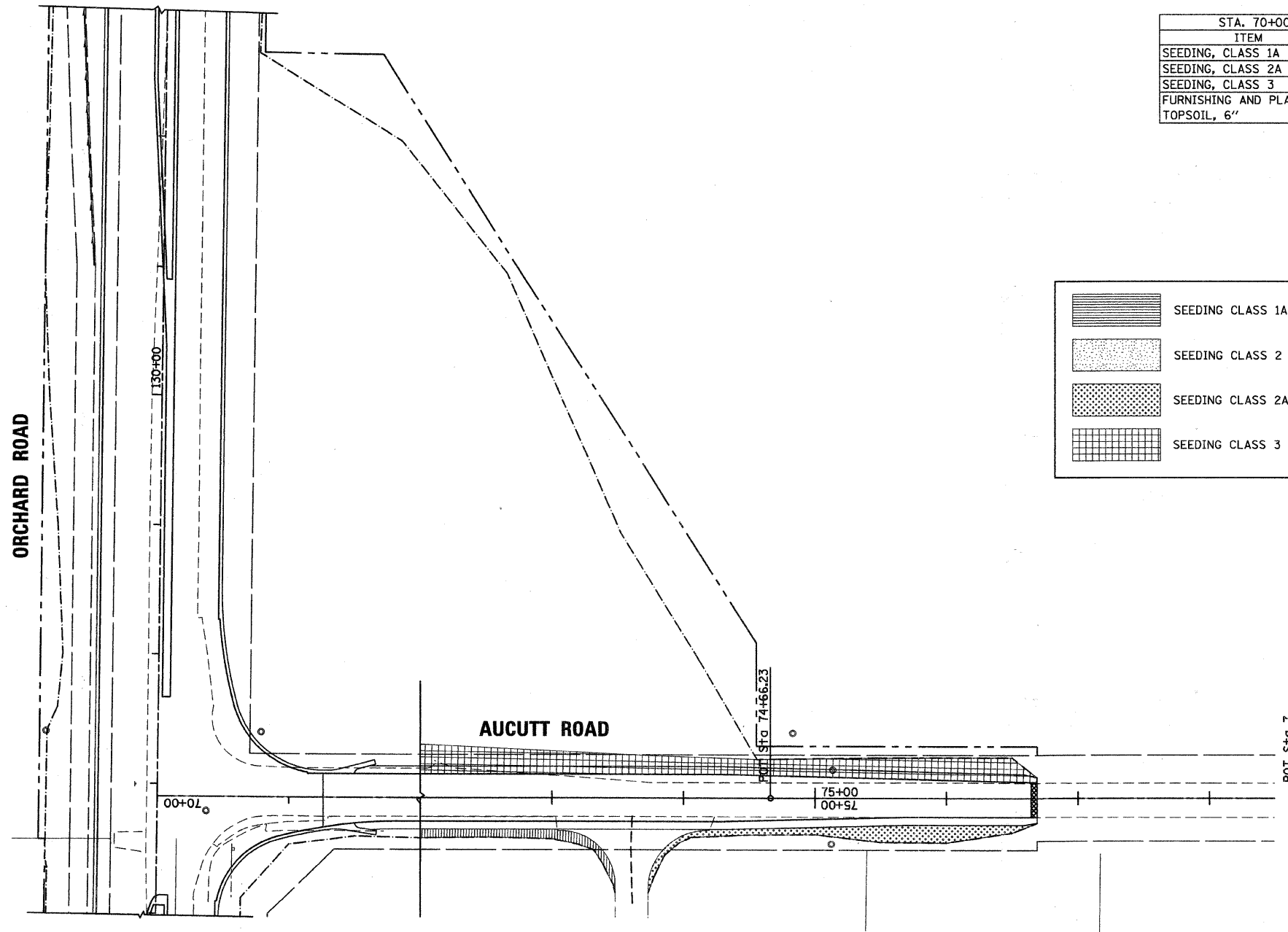
200 West Front Street
Wheaton, IL 60187

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DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

LANDSCAPING PLAN
STAGE III
 SCALE: 1" = 50' SHEET NO. 7 OF 11 SHEETS STA. 160+00.00 TO STA. 175+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 94
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



STA. 70+00 TO STA. 76+68.96		
ITEM	UNIT	QUANTITY
SEEDING, CLASS 1A	ACRE	0.03
SEEDING, CLASS 2A	ACRE	0.06
SEEDING, CLASS 3	ACRE	0.17
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	1234

LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

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DATE - 12/20/2010	REVISED -

**KANE COUNTY
 DIVISION OF TRANSPORTATION
 ORCHARD ROAD RECONSTRUCTION**

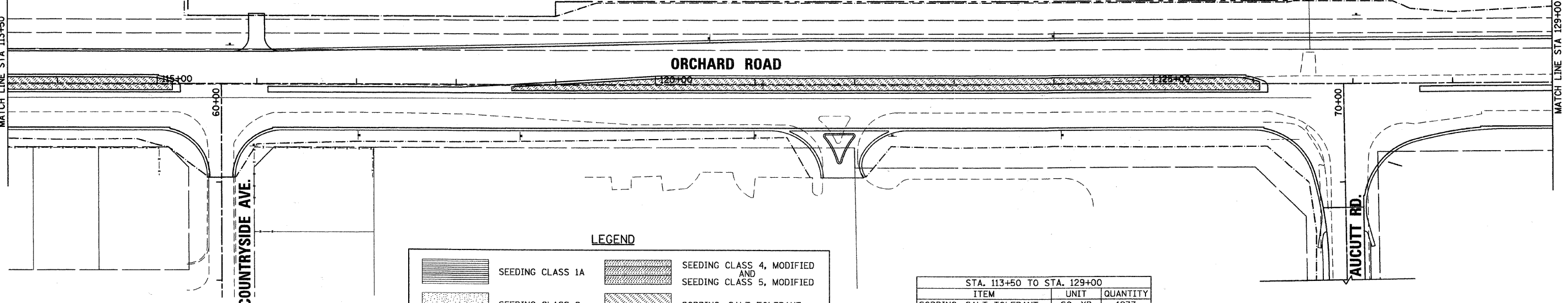
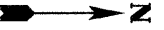
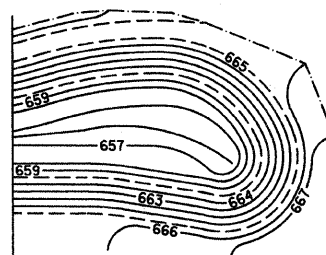
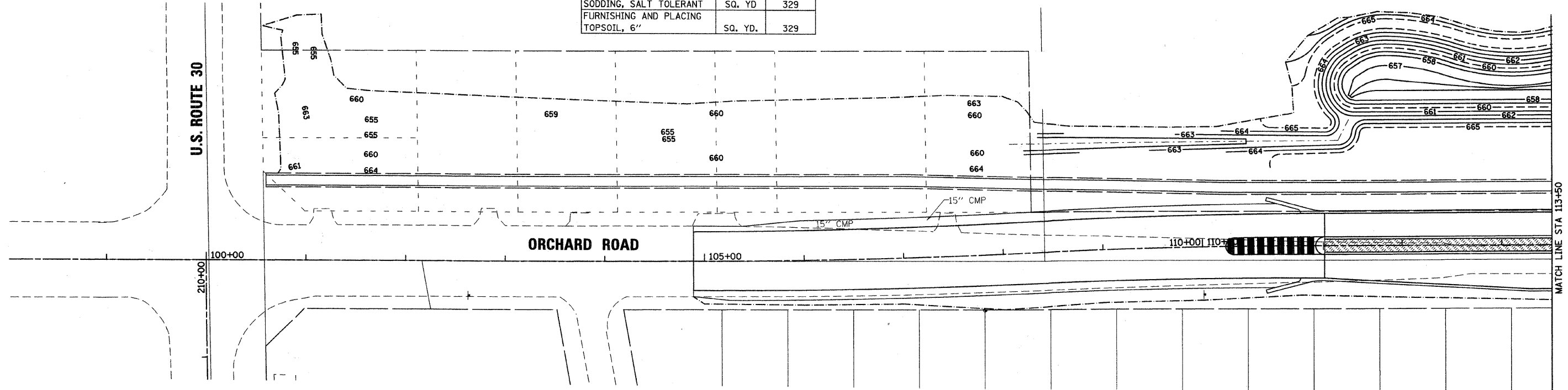
**LANDSCAPING PLAN
 STAGE III**

SCALE: 1" = 50' SHEET NO. 8 OF 11 SHEETS STA. 70+00.00 TO STA. 78+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	95
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



STA. 111+22.41 TO STA. 113+50		
ITEM	UNIT	QUANTITY
SODDING, SALT TOLERANT	SQ. YD.	329
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	329



LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

STA. 113+50 TO STA. 129+00		
ITEM	UNIT	QUANTITY
SODDING, SALT TOLERANT	SQ. YD.	1237
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	1237

GENERAL NOTES

- 1.) SEE DETENTION BASIN GRADING PLANS FOR RESTORATION OF BASIN AREAS.

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200 West Front Street
Wheaton, IL 60187

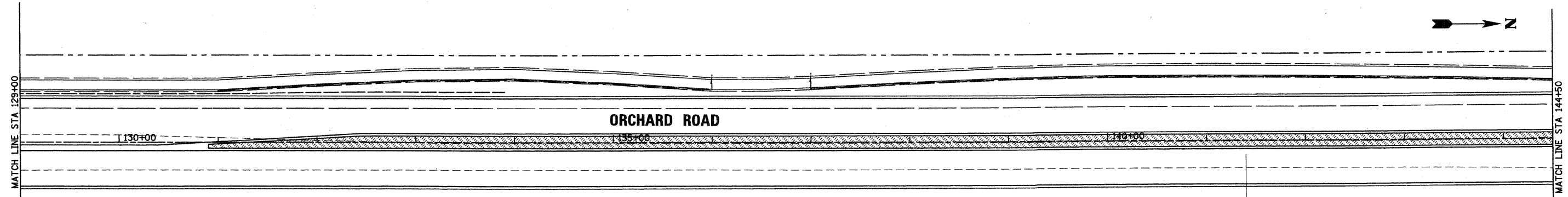
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CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**LANDSCAPING PLAN
STAGE IV**







SCALE: 1" = 50' SHEET NO. 9 OF 11 SHEETS STA. 100+00.00 TO STA. 129+00.00

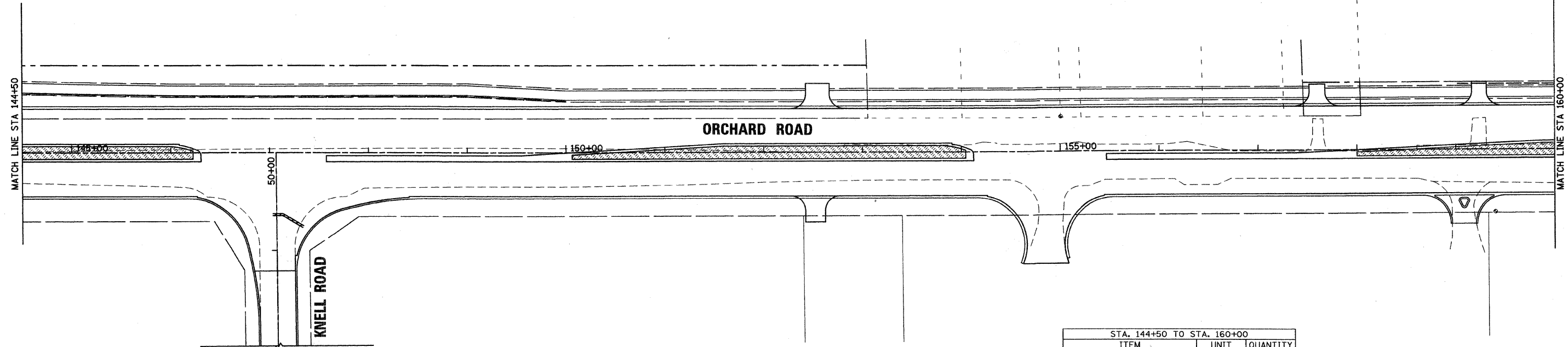
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	96
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	



STA. 129+00 TO STA. 144+50		
ITEM	UNIT	QUANTITY
SODDING, SALT TOLERANT	SQ. YD.	1887
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	1887

LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		



STA. 144+50 TO STA. 160+00		
ITEM	UNIT	QUANTITY
SODDING, SALT TOLERANT	SQ. YD.	933
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	933

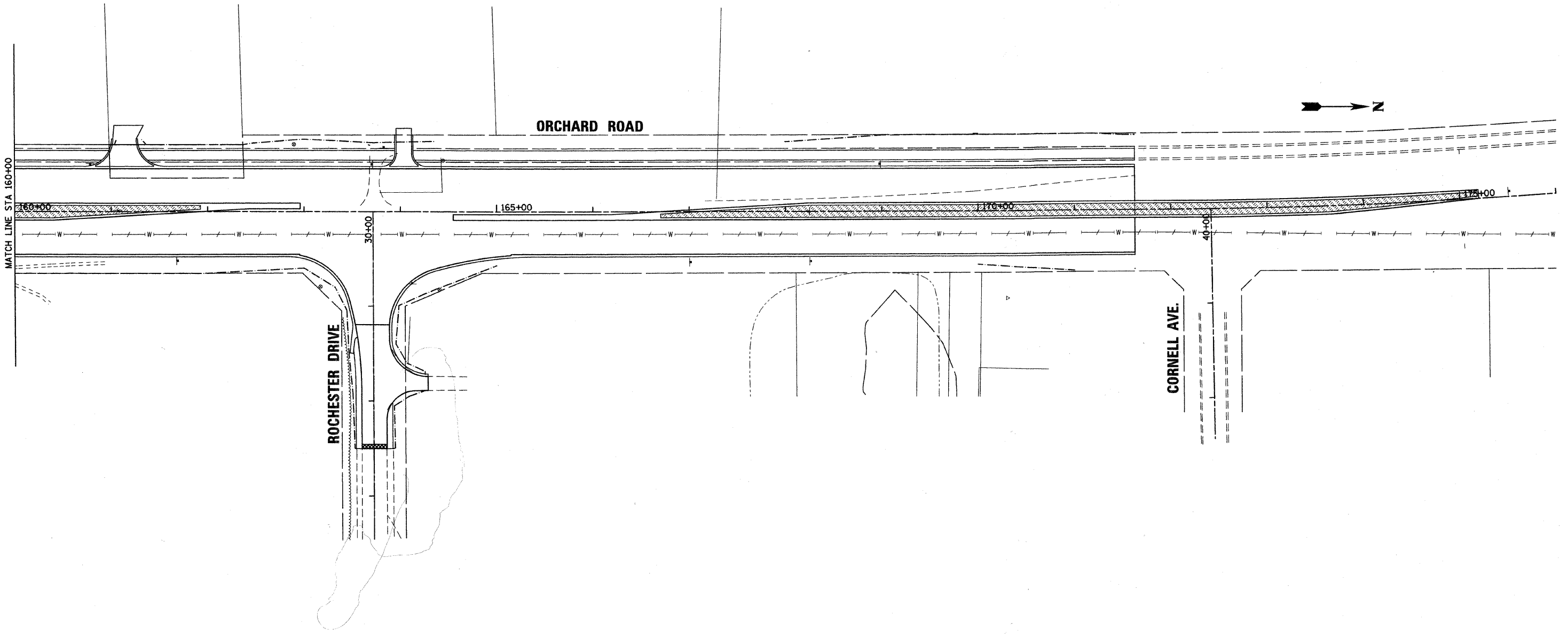
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KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

LANDSCAPING PLAN
STAGE IV
 SCALE: 1" = 50' SHEET NO. 10 OF 11 SHEETS STA. 129+00.00 TO STA. 160+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 97
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



LEGEND

	SEEDING CLASS 1A		SEEDING CLASS 4, MODIFIED AND SEEDING CLASS 5, MODIFIED
	SEEDING CLASS 2		SODDING, SALT TOLERANT
	SEEDING CLASS 2A		
	SEEDING CLASS 3		

STA. 160+00 TO STA. 175+20		
ITEM	UNIT	QUANTITY
SODDING, SALT TOLERANT	SQ. YD.	1270
FURNISHING AND PLACING TOPSOIL, 6"	SQ. YD.	1270

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200 West Front Street
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**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**LANDSCAPING PLAN
STAGE IV**

SCALE: 1" = 50' SHEET NO. 11 OF 11 SHEETS STA. 160+00.00 TO STA. 176+00.00

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 98
				CONTRACT NO. 63541
ILLINOIS FED. AID PROJECT				

SEDIMENTATION AND EROSION CONTROL NOTES

1. 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 OR PERMANENT MEASURES.
2. SOIL-EROSION AND SEDIMENT-CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
3. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN 3H:1V SHALL BE STABILIZED WITH SOD, MAT, OR BLANKET IN COMBINATION WITH SEEDING.
4. EROSION-CONTROL BLANKET SHALL BE REQUIRED ON ALL INTERIOR DETENTION AND COMPENSATORY STORAGE BASIN SIDE SLOPES GREATER THAN 1V:6H.
5. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT-CONTROL MEASURE.
6. ALL TEMPORARY EROSION AND SEDIMENT-CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
7. ALL TEMPORARY AND PERMANENT EROSION-CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED BY THE CONTRACTOR AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
8. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA. 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 AND TRANSPORTED TO A CONTROLLED SEDIMENT-DISPOSAL AREA.
9. 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 (e.g., SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
10. THE EROSION-CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.
11. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE STAGE OR PROJECT MAY BE PERMANENTLY SEEDED AT THE SAME TIME.
12. WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN SEVEN (7) DAYS OF COMPLETION. WHERE WORK HAS TEMPORARILY CEASED FOR FOURTEEN (14) DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 7TH DAY AFTER WORK HAS CEASED.
13. ALL ADJACENT STREETS AND PARKING LOTS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED WHEN NECESSARY.
14. CONCRETE WASHOUT LOCATIONS SHALL BE ADDED TO THE APPROVED EROSION CONTROL PLANS WHEN PLACED.
15. STOCKPILES OF CONSTRUCTION MATERIALS AND/OR TOPSOIL MAY NOT BE PLACED IN FLOODPLAINS, CRITICAL AREAS, OR IN LOCATIONS THAT HAVE HIGH POTENTIAL FOR CONTRIBUTING SEDIMENTS TO STORMWATER FACILITIES.
16. STOCKPILES TO REMAIN IN PLACE FOR MORE THAN 3 DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROLS (i.e. SILT FENCE). STOCKPILES NOT ACTIVELY BEING WORKED AND TO REMAIN IN PLACE FOR 14 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
17. UNLESS OTHERWISE SPECIFIED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROLS SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL (CURRENT VERSION).
18. THE KANE - DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING, BEGINNING OF LAND DISTURBING ACTIVITIES, AND FINAL INSPECTION.
19. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED AT ALL TIMES.
20. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN THOSE SHOWN ON THESE PLANS, (INCLUDING ADDITIONAL PHASES, OFF-SITE WASTE OR BORROW AREAS, ETC.) A SUPPLEMENTARY EROSION AND SEDIMENT CONTROL PLAN MUST BE SUBMITTED TO THE KDSWCD BY THE OWNER FOR REVIEW.
21. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.

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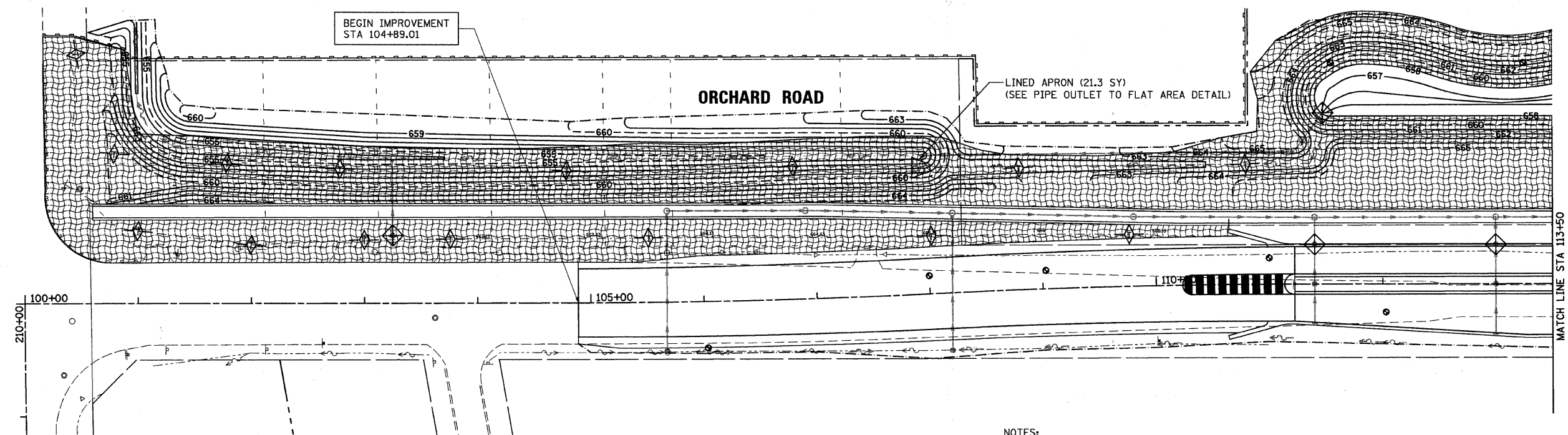
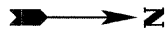
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**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

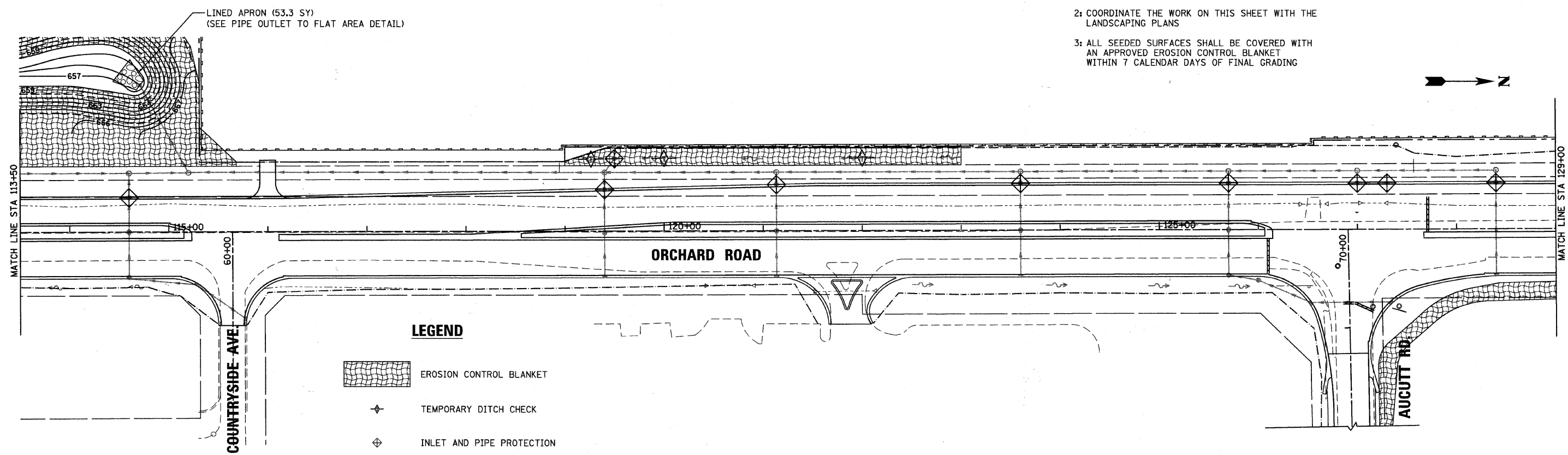
EROSION CONTROL NOTES

SCALE: SHEET NO. 1 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	99
CONTRACT NO. 63541				
ILLINOIS FED. AID PROJECT				



- NOTES:
- 1: FOR EROSION AND SEDIMENT CONTROL MEASURES AT STORMWATER BASINS SEE BASIN GRADING SHEETS
 - 2: COORDINATE THE WORK ON THIS SHEET WITH THE LANDSCAPING PLANS
 - 3: ALL SEEDED SURFACES SHALL BE COVERED WITH AN APPROVED EROSION CONTROL BLANKET WITHIN 7 CALENDAR DAYS OF FINAL GRADING



LEGEND

	EROSION CONTROL BLANKET
	TEMPORARY DITCH CHECK
	INLET AND PIPE PROTECTION
	TEMPORARY FENCE
	PERIMETER EROSION BARRIER

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200 West Front Street
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DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**EROSION AND SEDIMENT CONTROL PLAN
STAGE II**

SCALE: 1" = 50' SHEET NO. 2 OF 15 SHEETS STA. 100+00.00 TO STA. 129+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	100
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	