

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	1
ILLINOIS			CONTRACT NO. 60Y25	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

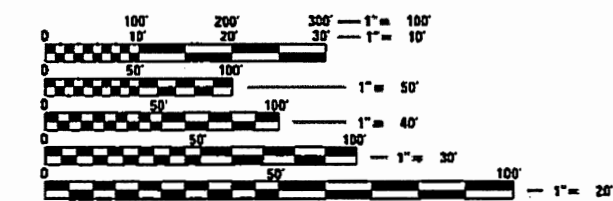
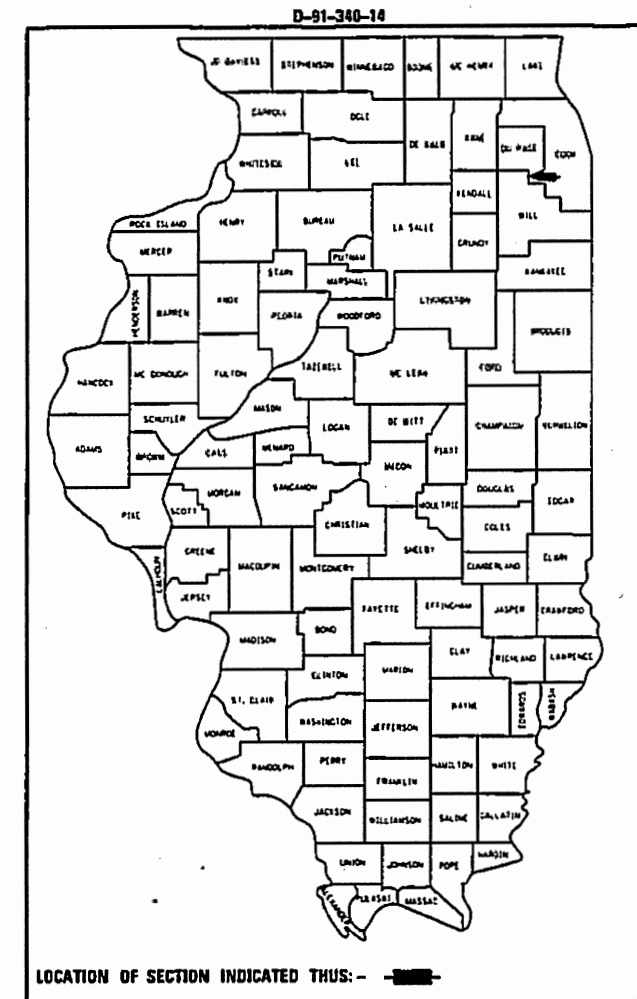
THE IMPROVEMENT IS LOCATED
IN UNINCORPORATED COOK
COUNTY & VILLAGE OF LEMONT

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 344 (IL ROUTE 83)
SECTION: 3114-N(14)
PROJECT: HSIP-WUJH(517)
AT IL ROUTE 171
INTERSECTION IMPROVEMENT AND
TRAFFIC SIGNAL MODERNIZATION
COOK COUNTY

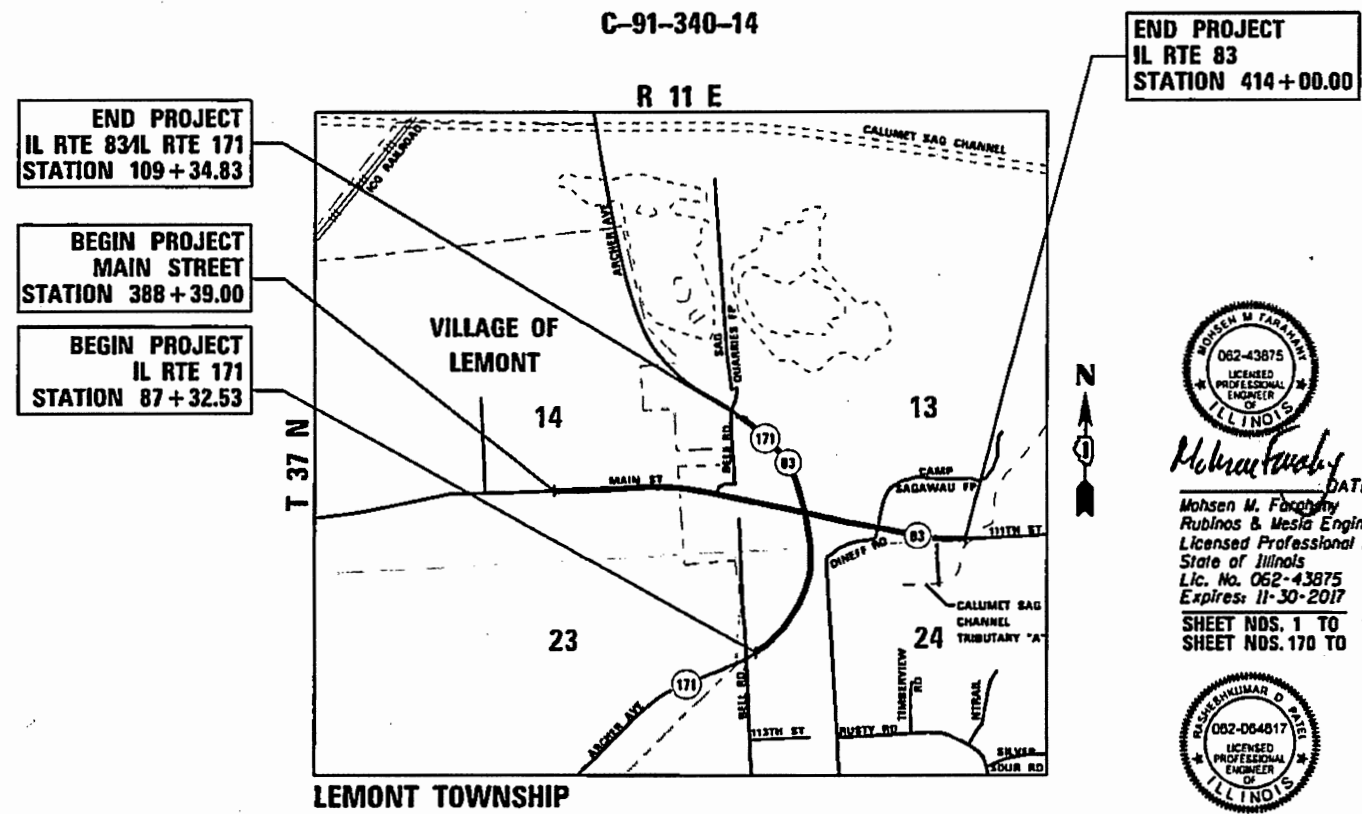
DESIGN DESIGNATION: 3200(16) OTHER ARTERIAL 5.00(HMA-20)

TRAFFIC DATA
IL RTE 171: ADT 28,173(2010)
40,000(2040)
DESIGN SPEED: 50 MPH
POSTED SPEED: 45 MPH
IL RTE 83: ADT 14,029(2010)
16,000(2040)
DESIGN SPEED: 50 MPH
POSTED SPEED: 45 MPH



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

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



LOCATION MAP
NOT TO SCALE



Mohsen M. Farahany
DATE: 8/17/17
Mohsen M. Farahany
Rubinos & Mesia Engineers
Licensed Professional Engineer
State of Illinois
Lic. No. 062-43875
Expires: 11-30-2017
SHEET NOS. 1 TO 159
SHEET NOS. 170 TO 225



R.D. Patel
DATE: 8/17/17
Rakesh Kumar Patel
Singh & Associates
Licensed Professional Engineer
State of Illinois
Lic. No. 062-064617
Expires: 11-30-2017
SHEET NOS. 160 TO 169

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED August 18, 2017
Anthony J. Quigley, Regional Engineer
Nov 30, 2017
Maureen M. Addis, Regional Engineer
Nov 30, 2017
Director of Highways, Chief Engineer

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT ENGINEER - SUNG BYUN
PROJECT MANAGER - KIM HARVEY P.E.

RME Rubinos & Mesia Engineers, Inc.
200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482

GROSS LENGTH = 4763.30 FT. = 0.902 MILE
NET LENGTH = 4763.30 FT. = 0.902 MILE

CONTRACT NO. 60Y25

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DISTRICT ONE STANDARD DETAILS

STD NO.	DESCRIPTION
BDO1	DRIVEWAY DETAIL-DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER GREATER OR EQUAL TO 15'
BDO5	CONCRETE MEDIAN TYPE SB (DOWELLED) AND CORRUGATED MEDIAN (MODIFIED)
BDO7	STORM SEWER CONNECTION TO EXISTING SEWER
BDO8	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD32	BUTT JOINTS AND HMA TAPER
BD34	DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL
BE215	LIGHTING CONTROLLER SINGLE DOOR
BE220	ELECTRIC SERVICE INSTALATION AERIAL, REMOTE DISCONNECT
BE240	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC
BE301	LIGHT POLE FOUNDATION 40' TO 47.5' M.H. 15" BOLT CIRCLE
BE410	DAVIT LIGHT POLE 47'-6" MOUNTING HEIGHT
BE701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE702	MISCELLANEOUS DETAILS, SHEET A- (CABLE SPLICE, POLE WIRING, TRENCH DETAIL)
BE800	TEMPORARY LIGHT POLE
BE801	TEMPORARY AERIAL CABLE INSTALLATION
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC22	ARTERIAL ROAD INFORMATION SIGN
TC26	DRIVEWAY ENTRANCE SIGNING
TSO2	MAST ARM MOUNTED STREET NAME SIGNS
TSO5	STANDARD TRAFFIC SIGNAL DESIGN DETAILS

COMMITMENTS

- SAGAWAU CANYON NATURE PRESERVE AND ILLINOIS NATURAL AREAS INVENTORY SITE (INAI) OCCUR IN THE NORTHEASTERN PROJECT QUADRANT AND IN THE SOUTHEASTERN PROJECT QUADRANT. THE NATURE PRESERVE BOUNDARIES STOP AT EXISTING ROW. ALL CONSTRUCTION ACTIVITIES IN THE VICINITY OF THE NATURE PRESERVE/INAI SITES SHALL BE CONTAINED WITHIN EXISTING ROW.
- "NO INTRUSION FENCING" SHALL BE PLACED AT THE EXISTING ROW FROM STA. 406+00 TO STA. 412+00 ON THE NORTH SIDE OF IL 83 (NATURE PRESERVE ENTRANCE TO EASTERN PROJECT LIMIT) AND FROM STA. 411+64 TO STA. 412+00 ON THE SOUTH SIDE OF IL 83 (INAI PROPERTY LINE TO THE EASTERN PROJECT LIMIT) FOR THE DURATION OF CONSTRUCTION.
- THE ILLINOIS NATURAL HERITAGE DATABASE CONTAINS RECORDS OF THE NORTHERN LONG-EARED BAT, THE SAGAWAU CANYON NATURE PRESERVE AND THE SAGAWAU CANYON INAI SITE IN THE PROJECT VICINITY. PER THE MOU BY AND BETWEEN IDNR AND IDOT, THIS OFFICE SUBMITTED AND ECOCAT ON JANUARY 30, 2017. WE RECEIVED ON ECOCAT RESPONSE LETTER ON MARCH 3, 2017 WITH THE FOLLOWING RECOMMENDATIONS:
 - NORTHERN LONG-EARED BAT: TREES > 5 INCHES DIAMETER BREST HEIGHT (DBH) TO BE CUT WITHIN THE PROJECT AREA SHALL BE CLEARLY FLAGGED AND/OR MARKED AND SHALL NOT BE CUT BETWEEN THE DATES OF APRIL 1- OCTOBER 14.
 - SAGAWAU CANYON NATURE PRESERVE: DIRECT COORDINATION WITH THE ILLINOIS NATURE PRESERVES COMMISSION STAFF TO ENSURE AVOIDANCE OF ANY IMPACTS, DIRECT OR INDIRECT, TO THE SAGAWAU CANYON NATURE PRESERVE, UP TO AND INCLUDING PERMITTING BY INPC IF NECESSARY. CONTACT KELLY NEAL, INPC NATURAL AREAS STEWARDSHIP PROJECT MANAGER, KELLY.NEAL@ILLINOIS.GOV OR BY PHONE AT 217-524-2415.
 - ADDITIONALLY, STRICT ADHERENCE TO BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENTATION CONTROL SHOULD BE USED TO MINIMIZE THE POSSIBILITY OF ANY ADVERSE IMPACTS TO VICINITY WETLANDS AND THE SAGAWAU CANYON NATURE PRESERVE AND INAI.

HIGHWAY STANDARDS

STD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424026-02	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375mm) THRU 84" (2100mm) DIAMETER
542206-04	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 42" (1050mm) THRU 60" (1500mm)
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602301-04	INLET, TYPE A
602401-04	MANHOLE, TYPE A
602416-06	MANHOLE, TYPE A, 8'(2.4M) DIAMETER
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
604056-04	FRAME AND GRATE, TYPE 11V
604091-03	FRAME AND GRATE, TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701502-08	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
821101-02	LUMINAIRE WIRING IN POLE
825026-03	LIGHTING CONTROLLER, BASE MOUNTED, 480V
830001-03	LIGHT POLE ALUMINUM MAST ARM
830016-02	LIGHT POLE STEEL DAVIT ARM
830026	TEMPORARY ROADWAY LIGHTING
836001-03	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BOUNDING
877011-09	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 811 OR 1-800-892-0123 FOR FIELD LOCATIONS OF UTILITIES SUCH AS BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED UPON BENCHMARKS PROVIDED BY IDOT.
- THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 72 HOURS IN ADVANCE OF SELECTIVE CLEARING WORK TO ASSIST WITH MARKING OF TREES TO BE SAVED.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- THE CONTRACTOR SHALL CONTACT THE ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470, A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
- THE ENGINEER SHALL CONTACT ERIC CAMPOS, IDOT'S AREA TRAFFIC FIELD ENGINEER FOR WILL COUNTY, VIA E-MAIL AT eric.campos@illinois.gov AND, OR (815) 485-6475, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ADJACENT PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
- EXISTING DRAINAGE STRUCTURE LOCATION AND INVERTS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF THE PROPOSED DRAINAGE ITEMS.
- 10' TRANSITION SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN IN THE FIELD. THE TRANSITION SHALL BE PAID FOR AT CONTRACT UNIT PRICE FOR THE PROPOSED ITEM.
- CONTRACTOR SHALL STRIP THE TOPSOIL AND REUSE FOR LANDSCAPING.
- UNSUITABLE MATERIALS INCLUDE EXCESS TOPSOIL AND MATERIALS REMOVED WITHIN UNDERCUTS.
- WHERE EXISTING PAVEMENT IS DETERIORATED SAW CUT 1 FOOT OF EXISTING PAVEMENT AND REPLACE WITH TEMPORARY PAVEMENT.
- AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/ OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ECS) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THIS PROJECT REQUIRES A U.S. ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK IN WETLANDS) TO THE DEPARTMENT FOR APPROVAL GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK IN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK (WHICH INCLUDES WORK WITHIN WETLANDS). THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN THE WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

FILE NAME = D:\B25-shr-gennose.dgn

	USER NAME = F:\Aqueel	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1/8" = 1'-0"	DRAWN - VEA	REVISED -		344	3114-N(14)	COOK	225	2		
	PLOT DATE = 10/18/2017	CHECKED - MF	REVISED -	SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60Y25		
		DATE - 6/30/2017	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
				URBAN	URBAN	URBAN	URBAN	URBAN	
20101000	TEMPORARY FENCE	FOOT	592	592					
20101100	TREE TRUNK PROTECTION	EACH	129	129					
20101200	TREE ROOT PRUNING	EACH	25	25					
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10	10					
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	15	15					
20200100	EARTH EXCAVATION	CU YD	28020	28020					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	350	350					
20700220	POROUS GRANULAR EMBANKMENT	CU YD	100	100					
20800150	TRENCH BACKFILL	CU YD	1480	1480					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	3729	1050					2679
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2318	2318					
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	26781	26781					
21101645	TOPSOIL FURNISH AND PLACE, 12"	SO YD	1236	1236					
21400100	GRADING AND SHAPING DITCHES	FOOT	8700	8700					

- △ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25-INT-500.dgn



USER NAME = Valverde
 PLOT SCALE = 100.0000" / 1"
 PLOT DATE = 8/21/2017

DESIGNED - FA
 DRAWN - VEA
 CHECKED - MF
 DATE - 6/30/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y25	

FILE NAME = D:\60Y25-INT-5010.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH
				0004	0021	0021	0021	0028
				URBAN	URBAN	URBAN	URBAN	URBAN
Δ 25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25				
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	345	345				
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	345	345				
Δ 25000775	SELECTIVE MOWING STAKES	EACH	10	10				
Δ 25100115	MULCH, METHOD 2	ACRE	2	2				
Δ 25100630	EROSION CONTROL BLANKET	SO YD	11475	11475				
Δ 25200110	SODDING, SALT TOLERANT	SO YD	19815	19815				
Δ 25200200	SUPPLEMENTAL WATERING	UNIT	50	50				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	72	72				
28000305	TEMPORARY DITCH CHECKS	FOOT	500	500				
28000315	AGGREGATE DITCH CHECKS	TON	354	354				
28000400	PERIMETER EROSION BARRIER	FOOT	6919	6919				
28000500	INLET AND PIPE PROTECTION	EACH	52	52				
28000510	INLET FILTERS	EACH	52	52				

- Δ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM



USER NAME = VALVAREZ	DESIGNED - FA	REVISED -
DRAWN - VEA	CHECKED - MF	REVISED -
PLOT SCALE = 100.0000' / 1" =	DATE - 6/30/2017	REVISED -
PLOT DATE = 8/21/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 2 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	4
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y25	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	31367	31367					
28100101	STONE RIPRAP, CLASS A1	SO YD	23	23					
28100105	STONE RIPRAP, CLASS A3	SO YD	58	58					
28100107	STONE RIPRAP, CLASS A4	SO YD	161	161					
28200200	FILTER FABRIC	SO YD	161	161					
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	350	350					
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	10505	10505					
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	108	108					
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	3352	3352					
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	923						923
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	2679						2679
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	360	360					
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	678	678					
35501320	HOT-MIX ASPHALT BASE COURSE, 9"	SO YD	4300	4300					

- △ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = DIBRZP-hx-500.dgn



USER NAME = VALVORZ
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 8/21/2017

DESIGNED - FA
 DRAWN - VEA
 CHECKED - MF
 DATE - 6/30/2017

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 3 OF 24 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 5
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 60Y25

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE TRAFFIC SIGNAL	90% FED 10% STATE LIGHTING	100% FIRE DISTRICT EVP	20% LEMONT 80% STATE SIDEWALK & PATH
				0004	0021	0021	0021	0028
				URBAN	URBAN	URBAN	URBAN	URBAN
35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SQ YD	915	915				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	48118	48118				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10.0	10.0				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1529.0	1529.0				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	204	204				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	507	507				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	417	117				300
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	125.0	125.0				
42001300	PROTECTIVE COAT	SQ YD	2756	2756				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8306					8306
42400800	DETECTABLE WARNINGS	SQ FT	449	228				221
44000100	PAVEMENT REMOVAL	SQ YD	3449	3449				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	992	992				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7235	7235				

- SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = 0160Y25-INT-500.dgn



USER NAME = Valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - VEA	REVISED -
PLOT DATE = 8/21/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 4 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	6
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE TRAFFIC SIGNAL	90% FED 10% STATE LIGHTING	100% FIRE DISTRICT EVP	20% LEMONT 80% STATE SIDEWALK & PATH
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0028 URBAN
44003100	MEDIAN REMOVAL	SO FT	29356	29356				
44004250	PAVED SHOULDER REMOVAL	SO YD	571	571				
44201335	CLASS C PATCHES, TYPE IV, 8 INCH	SO YD	36	36				
44201851	CLASS D PATCHES, TYPE II, 17 INCH	SO YD	240	240				
44201855	CLASS D PATCHES, TYPE III, 17 INCH	SO YD	463	463				
44201857	CLASS D PATCHES, TYPE IV, 17 INCH	SO YD	1609	1609				
48101200	AGGREGATE SHOULDERS, TYPE B	TON	378	378				
50102400	CONCRETE REMOVAL	CU YD	10	10				
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1				
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	142	142				
54010302	PRECAST CONCRETE BOX CULVERTS 3' X 2'	FOOT	708	708				
542A1105	PIPE CULVERTS, CLASS A, TYPE 2 60"	FOOT	24	24				
542A1945	PIPE CULVERTS, CLASS A, TYPE 3 60"	FOOT	185	185				
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	31	31				

- SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = DIB025-INT-500.dgn

 RME Rubinos & Masia Engineers, Inc. <small>200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482</small>	USER NAME = VALvarez	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES	F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 7
	PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -			CONTRACT NO. 60Y25				
PLOT DATE = 8/21/2017	DATE - 6/30/2017	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE: NONE		SHEET NO. 5 OF 24 SHEETS				STA. TO STA.				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	25	25					
542D1081	PIPE CULVERTS, CLASS D, TYPE 2 36"	FOOT	191	191					
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	10	10					
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3					
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4					
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2					
54213705	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 60"	EACH	2	2					
54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	1	1					
54261336	CONCRETE END SECTION, STANDARD 542001, 36", 1:3	EACH	2	2					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	369	369					
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	85	85					
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	348	348					
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	45	45					
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	400	400					

- ▲ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25-INT-500.dgn

 RME Rubinos & Mesla Engineers, Inc. <small>200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2182</small>	USER NAME = Valvarez	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -				344	3114-N(14)	COOK	225	8	
PLOT DATE = 8/21/2017	DATE - 6/30/2017	REVISED -			SCALE: NONE	SHEET NO. 6 OF 24 SHEETS	STA.	TO STA.	CONTRACT NO. 60Y25			
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE ROADWAY	90% FED 10% STATE TRAFFIC SIGNAL	90% FED 10% STATE LIGHTING	100% FIRE DISTRICT EVP	20% LEMONT 80% STATE SIDEWALK & PATH
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0028 URBAN
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1036	1036				
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	652	652				
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	127	127				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	128	128				
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	13	13				
550B0040	STORM SEWERS, CLASS B, TYPE 1 10"	FOOT	22	22				
550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	244	244				
550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	80	80				
55100400	STORM SEWER REMOVAL 10"	FOOT	22	22				
55100500	STORM SEWER REMOVAL 12"	FOOT	972	972				
55100700	STORM SEWER REMOVAL 15"	FOOT	29	29				
55100900	STORM SEWER REMOVAL 18"	FOOT	214	214				
55101200	STORM SEWER REMOVAL 24"	FOOT	123	123				
55101400	STORM SEWER REMOVAL 30"	FOOT	218	218				

- SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25-int-500.dgn

 RME Rubinos & Mesa Engineers, Inc. <small>200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482</small>	USER NAME = VALVAREZ	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES	F.A.P. RTE. 344	SECTION 3114-N1141	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 9
	PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -			SCALE: NONE	SHEET NO. 7 OF 24 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/21/2017	DATE - 6/30/2017	REVISED -							

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
55101600	STORM SEWER REMOVAL 36"	FOOT	67	67					
55101900	STORM SEWER REMOVAL 48"	FOOT	45	45					
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	62	62					
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2	2					
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	34	34					
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	5387	5387					
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	5					
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	3	3					
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	40	40					
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1					
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	3					
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3					

- SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = 0168Y25-int-500.dgn



USER NAME = Valverde	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -
PLOT DATE = 8/21/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 8 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y25	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH
				0004	0021	0021	0021	0028
				URBAN	URBAN	URBAN	URBAN	URBAN
60221000	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1				
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60222240	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1				
60224459	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	6	6				
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1				
60500040	REMOVING MANHOLES	EACH	1	1				
60500050	REMOVING CATCH BASINS	EACH	20	20				
60500060	REMOVING INLETS	EACH	2	2				
60500205	FILLING CATCH BASINS	EACH	1	1				
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	184	184				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	146	146				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	11545	11545				
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	1283	1283				

- SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = 0160Y25-INT-5010.dgn



USER NAME = VALVAREZ	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -
PLOT DATE = 8/21/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 9 OF 24 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 11
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y25	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE TRAFFIC SIGNAL	90% FED 10% STATE LIGHTING	100% FIRE DISTRICT EVP	20% LEMONT 80% STATE SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
				URBAN	URBAN	URBAN	URBAN	URBAN	
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SO FT	9474	9474					
60624600	CORRUGATED MEDIAN	SO FT	284	284					
△ 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2300	2300					
△ 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1					
△ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6					
63200310	GUARDRAIL REMOVAL	FOOT	2433	2433					
△ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5000	5000					
△ 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1					
△ 66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12					
67100100	MOBILIZATION	LSUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	100	100					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7352	7352					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	5835	5835					

△ SPECIALTY ITEMS
□ NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25-INT-500.dgn

 RME Rubinos & Mesia Engineers, Inc. 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482	USER NAME = Valverde	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN - VEA	REVISOR -			344	3114-N(14)	COOK	225	12
PLOT DATE = 8/21/2017	CHECKED - MF	DATE - 6/30/2017	REVISED -	SCALE: NONE	SHEET NO. 10 OF 24 SHEETS	STA.	TO STA.	CONTRACT NO. 60Y25		
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	1101	1101					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	19595	19595					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	6402	6402					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	905	905					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	3437	3437					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	383	383					
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SO FT	1427	1427					
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	48152	48152					
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	8435	8435					
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	2094	2094					
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	545	545					
Δ 72000100	SIGN PANEL - TYPE 1	SO FT	359	256	67.5				35.5
Δ 72000200	SIGN PANEL - TYPE 2	SO FT	70		70				
Δ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	10	10					

Δ SPECIALTY ITEMS
□ NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25-INT-500.dgn



USER NAME = Valverde
DESIGNED - FA
DRAWN - VEA
CHECKED - MF
DATE - 6/30/2017
PLOT SCALE = 100.0000' / in.
PLOT DATE = 8/21/2017

REVISOR -
REVISOR -
REVISOR -
REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 11 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y25	

FILE NAME = D:\60Y25-INT-5010.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE ROADWAY	90% FED 10% STATE TRAFFIC SIGNAL	90% FED 10% STATE LIGHTING	100% FIRE DISTRICT EVP	20% LEMONT 80% STATE SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
				URBAN	URBAN	URBAN	URBAN	URBAN	
Δ 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4	4					
Δ 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	19	19					
Δ 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	7	7					
Δ 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	95	95					
Δ 72400720	RELOCATE SIGN PANEL - TYPE 2	SO FT	76	76					
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6					
Δ 72900100	METAL POST - TYPE A	FOOT	456	456					
Δ 72900200	METAL POST - TYPE B	FOOT	257	257					
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1101	1101					
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	19593	17252					2341
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6042	6042					
Δ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	905	905					
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3632	3437					195
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	383	383					

- Δ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

 RME Rubinos & Mesia Engineers, Inc. 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482	USER NAME = Valverde PLOT SCALE = 100.0000 ' / in. PLOT DATE = 8/21/2017	DESIGNED - FA DRAWN - VEA CHECKED - MF DATE - 6/30/2017	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES	F.A.P. RTE. 344 SECTION 3114-N(14) COUNTY COOK TOTAL SHEETS 225 SHEET NO. 14 CONTRACT NO. 60Y25	SCALE: NONE SHEET NO. 12 OF 24 SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	395	395					
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	50	50					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	128	128					
Δ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1			1			
Δ 80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1			1			
Δ 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2707		2707				
Δ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	62		12	50			
Δ 81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	90		90				
Δ 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2075		785	1290			
Δ 81400100	HANDHOLE	EACH	8		8				
Δ 81400200	HEAVY-DUTY HANDHOLE	EACH	5		5				
Δ 81400300	DOUBLE HANDHOLE	EACH	4		4				
Δ 81603051	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	10780			10780			
Δ 81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	50			50			

- Δ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25\int-500.dgn

 RME Rubinos & Mesia Engineers, Inc. <small>200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482</small>	USER NAME = Valvarez	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -				344	3114-N(14)	COOK	225	15	
PLOT DATE = 11/30/2017	DATE - 6/30/2017	REVISED -			SCALE: NONE	SHEET NO. 13 OF 24 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
							CONTRACT NO. 60Y25					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
Δ 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	1134		1134				
Δ 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	6900			6900			
Δ 82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1			1			
Δ 83050775	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 10 FT. DAVIT ARM	EACH	43			43			
Δ 83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	29			29			
Δ 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	387			387			
Δ 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	43			43			
Δ 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	29			29			
Δ 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	22			22			
Δ 84200804	REMOVAL OF POLE FOUNDATION	EACH	22			22			
Δ 84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1			1			
Δ 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1			1			
Δ 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1			1			
Δ 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		2				

- Δ SPECIALTY ITEMS
□ NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25-INT-500.dgn



USER NAME = Valverde
PLOT SCALE = 100.0000 "/ in.
PLOT DATE = 8/21/2017

DESIGNED - FA
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DATE - 6/30/2017

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 14 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N114)	COOK	225	16
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
Δ 86400100	TRANSCEIVER - FIBER OPTIC	EACH	1		1				
Δ 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1624		1624				
Δ 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2250		2250				
Δ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3665		3665				
Δ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3832		3832				
Δ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1455		1455				
Δ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	8130		8130				
Δ 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	149		149				
Δ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1658		1658				
Δ 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2		2				
Δ 87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1		1				
Δ 87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	2		2				
Δ 87703110	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 74 FT.	EACH	1		1				
Δ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12		12				

- Δ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = 0166Y25-int-500.dgn



USER NAME = Valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000 / in.	DRAWN - VEA	REVISED -
PLOT DATE = 11/30/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES		
SCALE: NONE	SHEET NO. 15 OF 24 SHEETS	STA. TO STA.

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 17
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME = D:\60Y25-141-5010.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH
				0004	0021	0021	0021	0028
Δ 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4		4			
Δ 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37		37			
Δ 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25		25			
Δ 88000105	FLASHING BEACON INSTALLATION	EACH	1		1			
Δ 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9		9			
Δ 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5		5			
Δ 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3		3			
Δ 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3		3			
Δ 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	12		12			
Δ 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12		12			
Δ 88600100	DETECTOR LOOP, TYPE I	FOOT	1640		1640			
Δ 88700200	LIGHT DETECTOR	EACH	4				4	
Δ 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1	
Δ 88800100	PEDESTRIAN PUSH-BUTTON	EACH	10		10			

Δ SPECIALTY ITEMS

□ NON-PARTICIPATING ITEM



USER NAME = VALVAREZ	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -
PLOT DATE = 8/21/2017	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 16 OF 24 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 18
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME = 0168Y25-int-5010.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
Δ 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1				
Δ 89501510	RELOCATE EXISTING FLASHING BEACON	EACH	1		1				
Δ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1100		1100				
Δ 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1				
Δ 89502380	REMOVE EXISTING HANDHOLE	EACH	13		13				
Δ 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1		1				
Δ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8		8				
Δ 89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1		1				
Δ A2000262	TREE, MORUS RUBBA (RED MULBERRY) 3' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	9	9					
Δ A2001716	TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4					
Δ A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	15	15					
Δ A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7	7					
Δ A2005614	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	4	4					
Δ A2006414	TREE, QUERCUS ALBA (WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	12	12					

- Δ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM



USER NAME = Valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - VEA	REVISED -
PLOT DATE = 11/30/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 17 OF 24 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 19
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
△ A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	5	5					
△ A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	12	12					
△ A2006814	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	14	14					
△ A2007114	TREE, QUERCUS RUBRA (RED OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	11	11					
△ A2007874	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	1	1					
△ A2016616	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5					
△ A2C010G5	TREE, ASIMINA TRILOBA (PAW PAW), CONTAINER GROWN, 5-GALLON	EACH	42	42					
△ A2C020G3	TREE, CARYA CORDIFORMIS (BITTERNUT HICKORY), CONTAINER GROWN, 3-GALLON	EACH	14	14					
△ A2C049G5	TREE, QUERCUS ALBA (WHITE OAK), CONTAINER GROWN, 5-GALLON	EACH	15	15					
△ A2C05660	TREE, OSTRYA VIRGINIANA (IRONWOOD), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	6	6					
△ B2000562	TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY), 4' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	37	37					
△ B2001164	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 5' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	5	5					
△ B2001664	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	9	9					
△ C2002048	SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 4' HEIGHT, BALLED AND BURLAPPED	EACH	185	185					

- △ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = 0160Y25-int-500.dgn

 RME Rubinos & Mesa Engineers, Inc. <small>200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2432</small>	USER NAME = Valvarez	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -				344	3114-N(14)	COOK	225	20	
PLOT DATE = 8/21/2017	DATE - 6/30/2017	REVISED -			SCALE: NONE	SHEET NO. 18 OF 24 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
							CONTRACT NO. 60Y25					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
Δ C2005336	SHRUB, PRUNUS AMERICANA (AMERICAN PLUM), 3' HEIGHT, BALLED AND BURLAPPED	EACH	31	31					
Δ C2012760	SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 5' HEIGHT, BALLED AND BURLAPPED	EACH	15	15					
Δ C2C06212	SHRUB, RIBES AMERICANUM (WILD BLACK CURRANT), 12" WIDTH, CONTAINER	EACH	60	60					
Δ C2C09250	SHRUB, RUBUS ODORATUS (PURPLE-FLOWERED RASPBERRY), 2' HEIGHT, CONTAINER	EACH	40	40					
Δ C2C09636	SHRUB, SAMBUCUS CANADENSIS (AMERICAN ELDER), 3' HEIGHT, CONTAINER	EACH	185	185					
Δ D2002360	EVERGREEN, PINUS FLEXILIS (LIMBER PINE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	14	14					
Δ D2002960	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	11	11					
Δ D2003872	EVERGREEN, THUJA OCCIDENTALIS TECHN (TECHNY ARBORVITAE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	70	70					
Δ K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	187	187					
Δ K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	40	40					
Δ K0013100	PERENNIAL PLANTS, WOODLAND TYPE, QUART POT	UNIT	5	5					
Δ K0026850	PERENNIAL PLANT CARE	SO YD	1215	1215					
Δ K0029614	WEED CONTROL, AQUATIC	GALLON	2.5	2.5					
Δ K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	60.0	60.0					

- Δ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = D:\B025-shr-500.dgn

 RME Rubinos & Mesa Engineers, Inc. <small>200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2442</small>	USER NAME = Valvarez	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES	F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 21
	PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -			CONTRACT NO. 60Y25	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/21/2017	DATE - 6/30/2017	REVISED -		SCALE: NONE	SHEET NO. 19 OF 24 SHEETS	STA.	TO STA.			

FILE NAME = D:\60Y25\114-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
Δ K0036120	MULCH PLACEMENT 4"	SO YD	405	405					
X0321322	DROP GATE	EACH	9					9	
X0322924	RETAINING WALL REMOVAL	SO FT	430	430					
Δ X0322992	COARSE SAND PLACEMENT, 4"	SO YD	405	405					
Δ X0323003	TEMPORARY ELECTRIC SERVICE INSTALLATION	EACH	1			1			
□ X0323160	VIDEO INSPECTION OF STORM SEWER	FOOT	517	517					
Δ X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1145				1145		
Δ X0324097	COARSE SAND PLACEMENT, 2"	SO YD	500	500					
Δ X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	500		500				
Δ X0324854	WEED CONTROL, NATIVE GRASS RESTORATION	GALLON	3.0	3.0					
Δ X0325134	WIRELESS INTERCONNECT (COMPLETE)	EACH	1		1				
Δ X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	1			1			
Δ X0327018	DECORATIVE SIGN POST	EACH	4					4	
X0327301	RELOCATE EXISTING MAILBOX	EACH	7	7					

Δ SPECIALTY ITEMS

□ NON-PARTICIPATING ITEM



USER NAME = Valvarez
 PLOT SCALE = 100.0000 "/>

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 20 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	22
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SO FT	4465	4465					
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	1615	1615					
Δ X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1		1				
Δ X1400149	LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	51		4	47			
Δ X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1		1				
Δ X2500500	INTERSEEDING, CLASS 4 (SPECIAL)	ACRE	1.50	1.50					
Δ X2501820	SEEDING, CLASS 5 (MODIFIED)	ACRE	3.25	3.25					
Δ X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	3.25	3.25					
Δ X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.25	0.25					
Δ X2503315	INTERSEEDING, CLASS 4A (MODIFIED)	ACRE	1.00	1.00					
Δ X2503321	INTERSEEDING, CLASS 5 (MODIFIED)	ACRE	1.00	1.00					
X2800510	INLET FILTER CLEANING	EACH	52	52					
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1					
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	1					

- Δ SPECIALTY ITEMS
- NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25-INT-500.dgn



USER NAME = VALVeroz
 DESIGNED - FA
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 DATE - 6/30/2017
 PLOT SCALE = 100.0000 "/>

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 21 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	23
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 60Y25				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH
				0004	0021	0021	0021	0028
				URBAN	URBAN	URBAN	URBAN	URBAN
X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	1				
X4024100	TEMPORARY ACCESS (WINTERIZE)	SO YD	300	300				
X4060004	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80	TON	3566	3566				
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	31215	31215				
□ X5537600	STORM SEWERS TO BE CLEANED 8"	FOOT	300	300				
□ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	350	350				
□ X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	167	167				
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1				
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	112	112				
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	15641	15641				
△ X8210040	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	38		38			
△ X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1		1			
△ X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	10		10			
△ X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1		1			

△ SPECIALTY ITEMS
□ NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25-int-500.dgn

 RME Rubinos & Mesita Engineers, Inc. 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482	USER NAME = Valverde	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUMMARY OF QUANTITIES		F.A.P. RTE. = 344	SECTION = 3114-N(14)	COUNTY = COOK	TOTAL SHEETS = 225	SHEET NO. = 24	
	PLOT SCALE = 100.0000' / in.	CHECKED - MF	REVISED -				CONTRACT NO. 60Y25					
	PLOT DATE = 8/21/2017	DATE = 6/30/2017	REVISED -				SCALE: NONE SHEET NO. 22 OF 24 SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FIRE DISTRICT	20% LEMONT 80% STATE	
				ROADWAY	TRAFFIC SIGNAL	LIGHTING	EVP	SIDEWALK & PATH	
				0004	0021	0021	0021	0028	
				URBAN	URBAN	URBAN	URBAN	URBAN	
Δ X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	1650		1650				
Δ X8730104	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 10 2C	FOOT	100		100				
Δ X8950090	RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1			1			
X1700053	MONUMENT TYPE A FOUNDATION	EACH	4						4
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1					
Z0018302	DRAINAGE STRUCTURES, TYPE 1 (SPECIAL)	EACH	1	1					
Z0018304	DRAINAGE STRUCTURE TYPE 2 (SPECIAL)	EACH	2	2					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	15	15					
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102.8	102.8					
Δ Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	51		4	47			
Δ Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12			12			
Δ Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1				
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	50	50					
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	70	70					

Δ SPECIALTY ITEMS
□ NON-PARTICIPATING ITEM

FILE NAME = D:\60Y25-int-500.dgn



USER NAME = Valvarez
DESIGNED - FA
DRAWN - VEA
CHECKED - MF
DATE - 6/30/2017
PLOT SCALE = 100.0000' / in.
PLOT DATE = 8/21/2017

DESIGNED - FA
DRAWN - VEA
CHECKED - MF
DATE - 6/30/2017

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

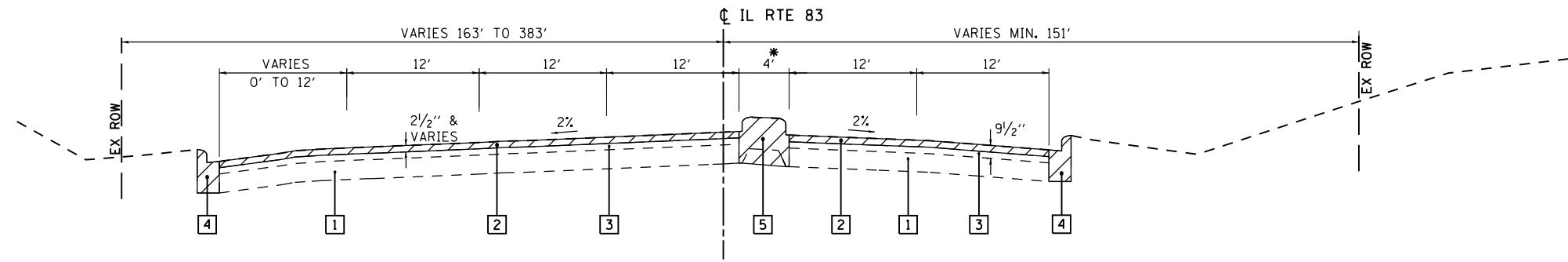
IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 23 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	25
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

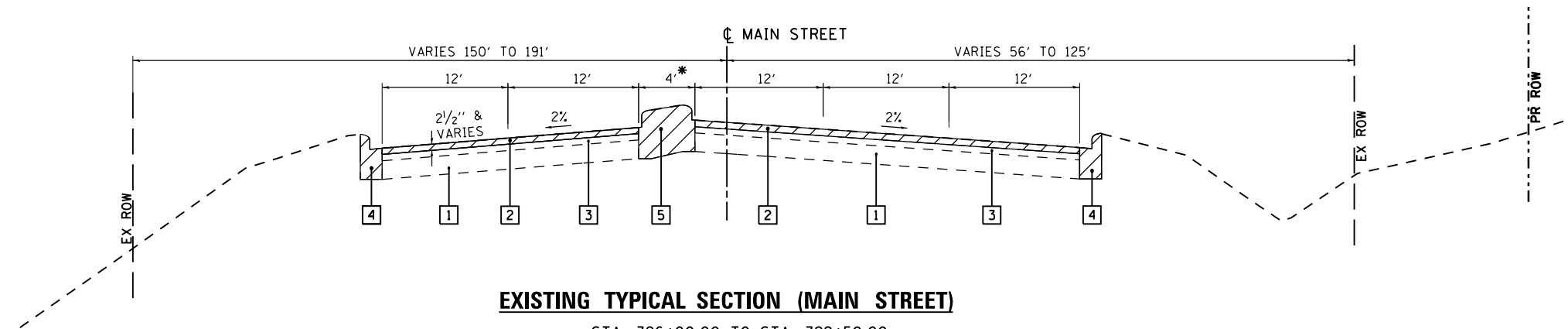
- 1 EXISTING PCC. PAVEMENT ±10"
- 2 EXISTING ASPHALT SURFACE COURSE 2 1/2" & VARIES (TO BE REMOVED)
- 3 EXISTING ASPHALT BINDER COURSE ±7
- 4 EXISTING COMBINATION CURB AND GUTTER (TO BE REMOVED)
- 5 EXISTING CONCRETE MEDIAN (TO BE REMOVED)
- 6 EXISTING SHOULDER (TO BE REMOVED)



EXISTING TYPICAL SECTION (IL ROUTE 83)

STA. 400+50.00 TO STA. 405+35.00
(LOOKING EAST)

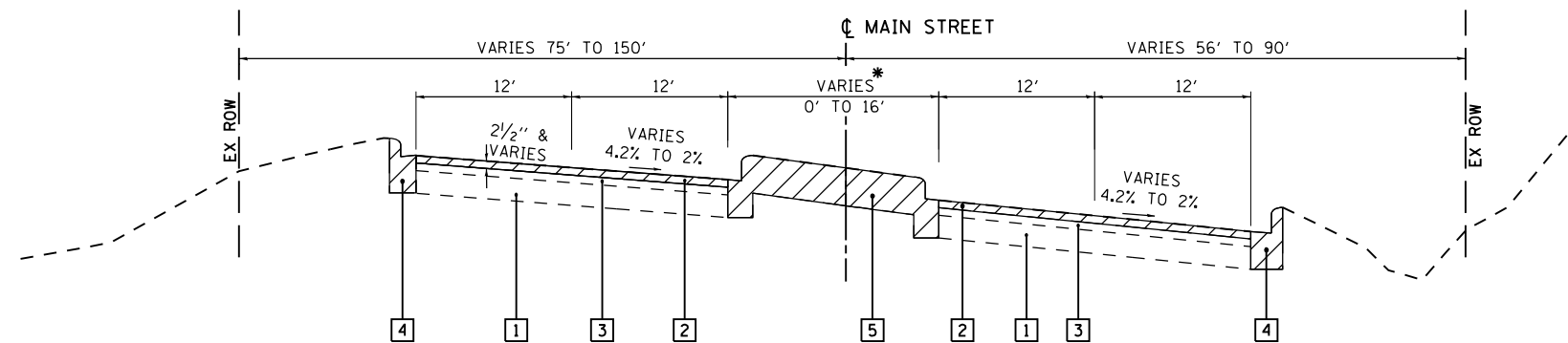
*4' MEDIAN WITH 12' TURN LANE FROM STA. 400+50.00 TO STA 405+35.00



EXISTING TYPICAL SECTION (MAIN STREET)

STA. 396+00.00 TO STA. 399+50.00
(LOOKING EAST)

*4' MEDIAN WITH 12' TURN LANE FROM STA. 396+50.00 TO STA 399+50.00



EXISTING TYPICAL SECTION (MAIN STREET)

STA. 388+39.00 TO STA. 396+00.00
(LOOKING EAST)

*16' MEDIAN FROM STA. 393+75.00 TO STA. 394+45.00
4' MEDIAN WITH 12' TURN LANE FROM STA. 392+20.00 TO STA 392+75.00

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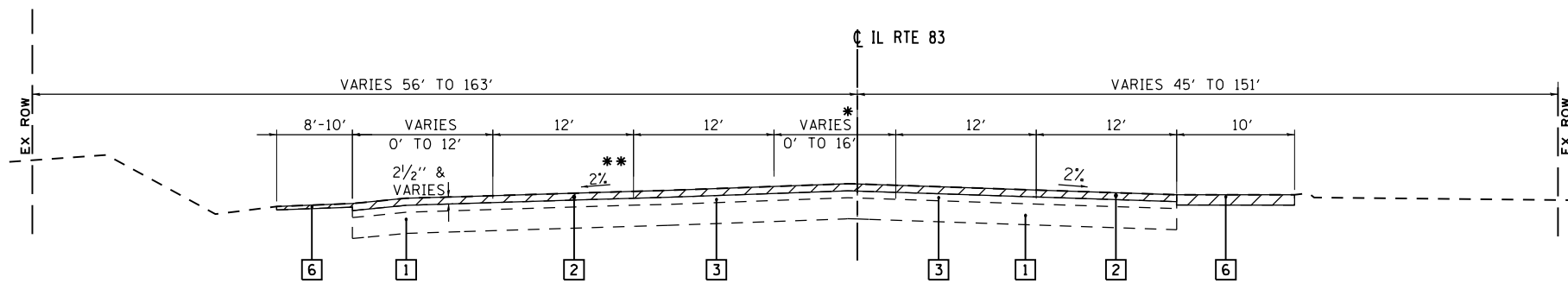


USER NAME = valvarez	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)	
EXISTING TYPICAL SECTIONS	
SCALE: NTS	SHEET NO. 1 OF 6 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	27
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

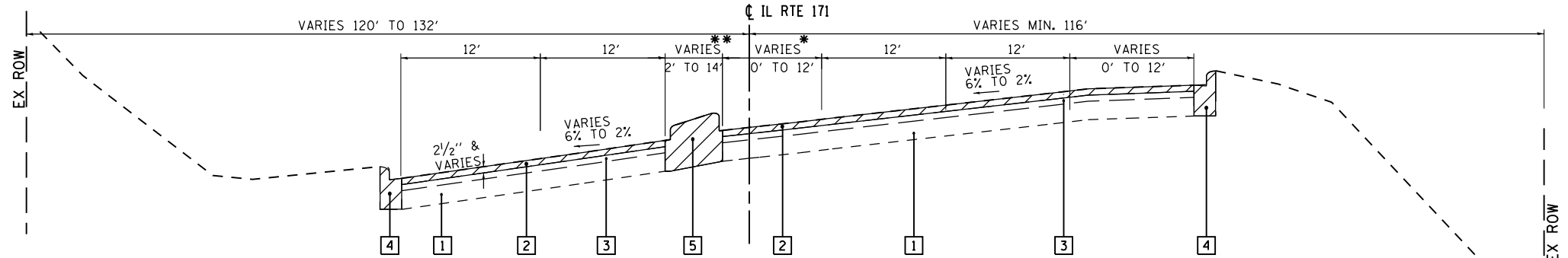


EXISTING TYPICAL SECTION (IL ROUTE 83)

STA. 405+35.00 TO STA. 414+00.00
(LOOKING EAST)

*16' TO 0' MEDIAN FROM STA. 405+85.00 TO STA. 406+50.00
**SLOPE VARIES BETWEEN 2% TO 5% FROM STATION 406+98 TO 414+00

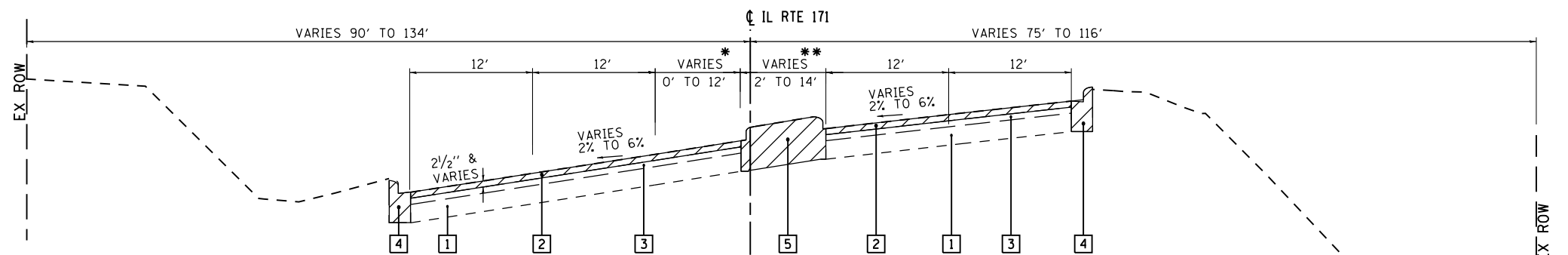
- EXISTING LEGEND**
- 1 EXISTING PCC. PAVEMENT ±10"
 - 2 EXISTING ASPHALT SURFACE COURSE 2 1/2" & VARIES (TO BE REMOVED)
 - 3 EXISTING ASPHALT BINDER COURSE ±7
 - 4 EXISTING COMBINATION CURB AND GUTTER (TO BE REMOVED)
 - 5 EXISTING CONCRETE MEDIAN (TO BE REMOVED)
 - 6 EXISTING SHOULDER (TO BE REMOVED)



EXISTING TYPICAL SECTION (IL ROUTE 171)

STA. 95+50.00 TO STA. 99+50.00
(LOOKING NORTH)

*2' MEDIAN WITH 12' TURN LANE FROM STA. 87+60.00 TO STA 90+20.00
**MEDIAN VARIES FROM 2' TO 14' FROM STA. 90+20.00 TO STA 94+00.00



EXISTING TYPICAL SECTION (IL ROUTE 171)

STA. 87+87+32.53 TO STA. 95+50.00
(LOOKING NORTH)

*2' MEDIAN WITH 12' TURN LANE FROM STA. 87+60.00 TO STA 90+20.00
**MEDIAN VARIES FROM 2' TO 14' FROM STA. 90+20.00 TO STA 94+00.00

FILE NAME = D:\60Y25-shr-typical.dgn

RME Rubinos & Mesa Engineers, Inc.
200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482

USER NAME = valvarez	DESIGNED - FA	REVISED -
DRAWN - VEA	REVISED -	
PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

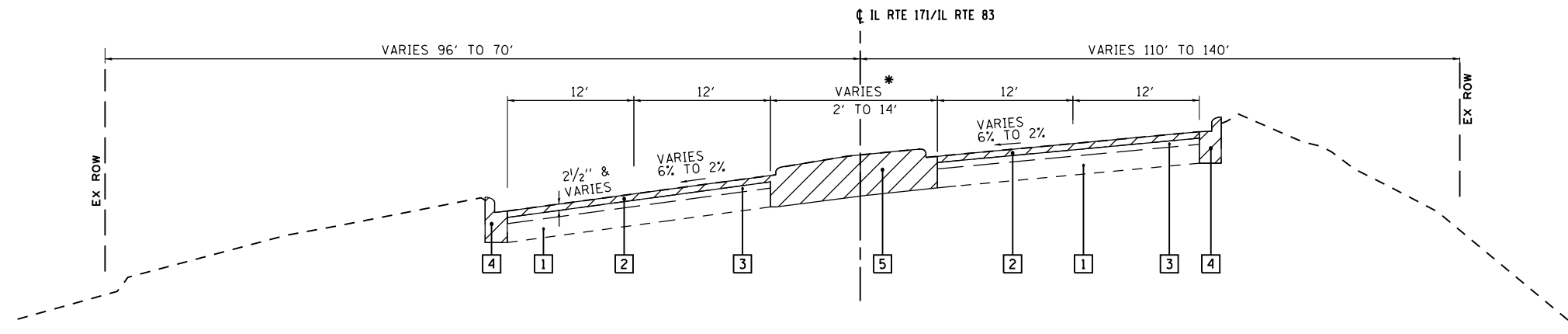
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) EXISTING TYPICAL SECTIONS	
SCALE: NTS	SHEET NO. 2 OF 6 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	28
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

EXISTING LEGEND

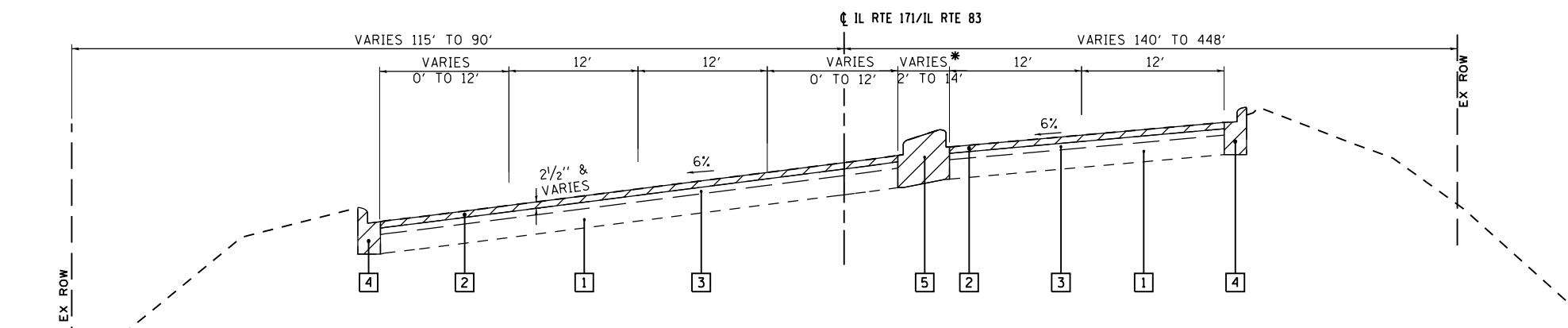
- 1 EXISTING PCC. PAVEMENT ±10"
- 2 EXISTING ASPHALT SURFACE COURSE 2 1/2" & VARIES (TO BE REMOVED)
- 3 EXISTING ASPHALT BINDER COURSE ±7
- 4 EXISTING COMBINATION CURB AND GUTTER (TO BE REMOVED)
- 5 EXISTING CONCRETE MEDIAN (TO BE REMOVED)
- 6 EXISTING SHOULDER (TO BE REMOVED)



EXISTING TYPICAL SECTION (IL ROUTE 171/IL ROUTE 83)

STA. 105+00.00 TO STA. 109+34.83
(LOOKING NORTH)

*2' MEDIAN WITH 12' TURN LANE FROM STA. 108+00.00 TO STA 109+02.00



EXISTING TYPICAL SECTION (IL ROUTE 171/IL ROUTE 83)

STA. 100+50.00 TO STA. 105+00.00
(LOOKING NORTH)

*2' MEDIAN WITH 12' TURN LANE FROM STA. 100+58.00 TO STA 103+55.00

FILE NAME = 0160Y25-shr-typical.dgn



USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

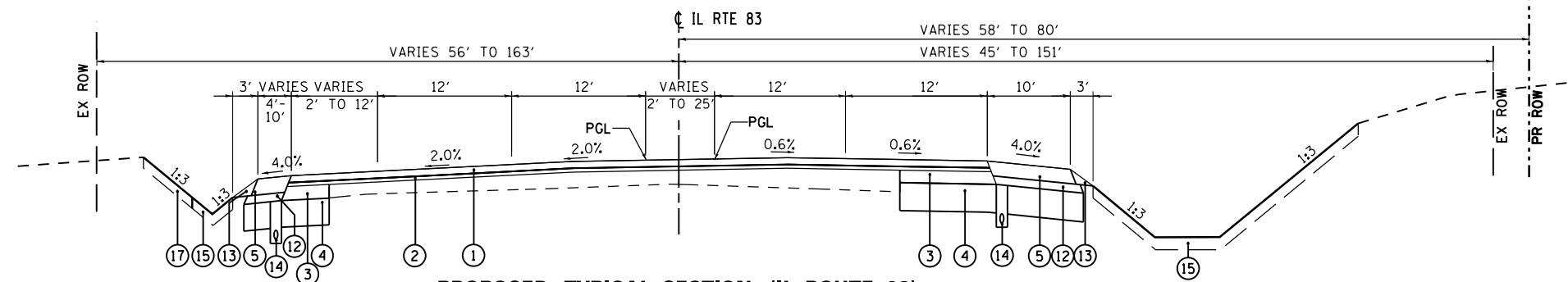
**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
EXISTING TYPICAL SECTIONS**

SCALE: NTS SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	29
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

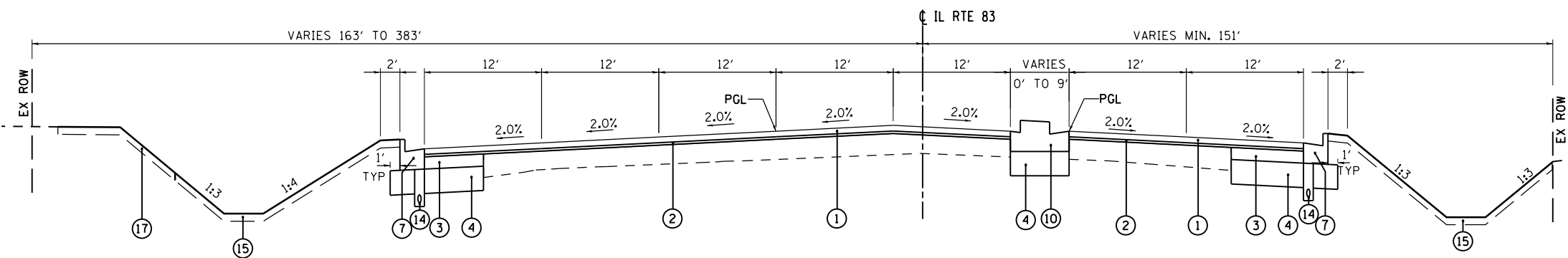
PROPOSED LEGEND

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, (1 3/4")
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, (3/4")
- ③ HOT-MIX ASPHALT BASE COURSE, 9" (WHEN WIDENING > 6 FT)
HOT-MIX ASPHALT BASE COURSE WIDENING, 9" (WHEN WIDENING <= 6 FT)
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ PC CONCRETE SIDEWALK 5", AGGREGATE BASE COURSE, TYPE B 4"
- ⑨ MULTIUSE PATH, HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2"),
AGGREGATE BASE COURSE, TYPE B 8", GEOTECHNICAL FABRIC FOR GROUND
STABILIZATION
- ⑩ CONCRETE MEDIAN, TYPE SB-6.24
- ⑪ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POST
- ⑫ SUBBASE GRANULAR MATERIAL, TYPE B
- ⑬ AGGREGATE SHOULDER, TYPE B
- ⑭ PIPE UNDERDRAINS, TYPE 2, 4"
- ⑮ SODDING SALT TOLERANT
TOPSOIL FURNISH AND PLACE 6"
- ⑯ SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE 6"
- ⑰ SEEDING, CLASS 4A (MODIFIED)
SEEDING, CLASS 5 (MODIFIED)
TOPSOIL FURNISH AND PLACE 6"
- ⑱ INTERSEEDING, CLASS 4 (SPECIAL)
- ⑲ SELECTIVE MOWING STAKES WITH SIGN
- * SEE GUARDRAIL DETAIL (SHEET NO. 32)



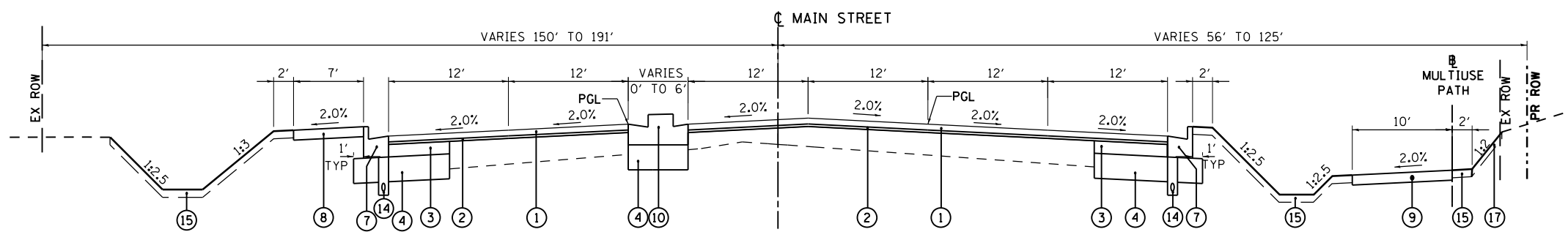
PROPOSED TYPICAL SECTION (IL ROUTE 83)

STA. 405+35.00 TO STA. 414+00.00
(LOOKING EAST)
SLOPE VARIES BETWEEN 2% TO 5% FROM STATION 406+98 TO 414+00



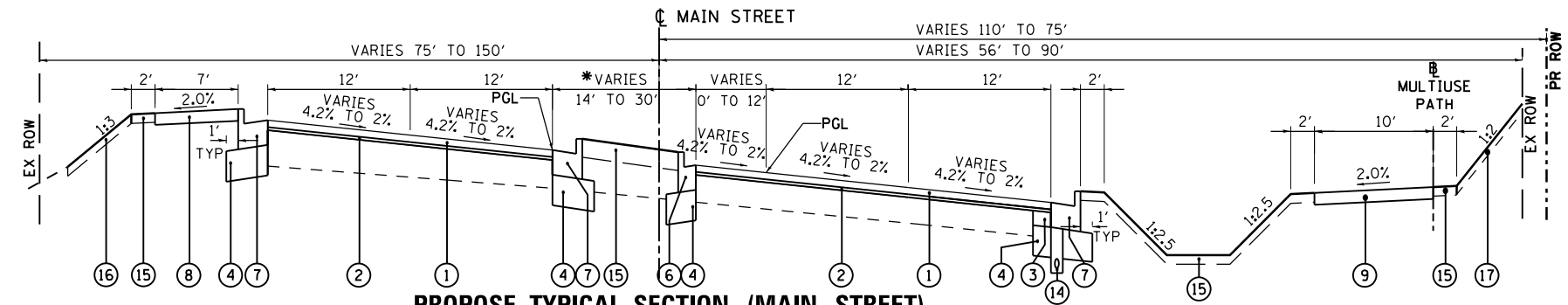
PROPOSED TYPICAL SECTION (IL ROUTE 83)

STA. 400+50.00 TO STA. 405+35.00
(LOOKING EAST)
6' MEDIAN AND DUAL LEFT TURN LANE FROM STA. 400+50.00 TO STA. 404+20.00



PROPOSED TYPICAL SECTION (MAIN STREET)

STA. 396+00.00 TO STA. 399+50.00
(LOOKING EAST)
6' MEDIAN AND DUAL LEFT TURN LANE FROM STA. 396+60.72 TO STA. 399+50.00



PROPOSED TYPICAL SECTION (MAIN STREET)

STA. 388+39.00 TO STA. 396+00.00
(LOOKING EAST)
* VARIES 14' TO 30' FROM STA. 389+10.00 TO STA. 393+60.72
VARIES 30' TO 6' FROM STA. 393+60.72 TO STA. 396+60.72
GRASS MEDIAN FROM STA. 389+10.00 TO STA. 396+15.00

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USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

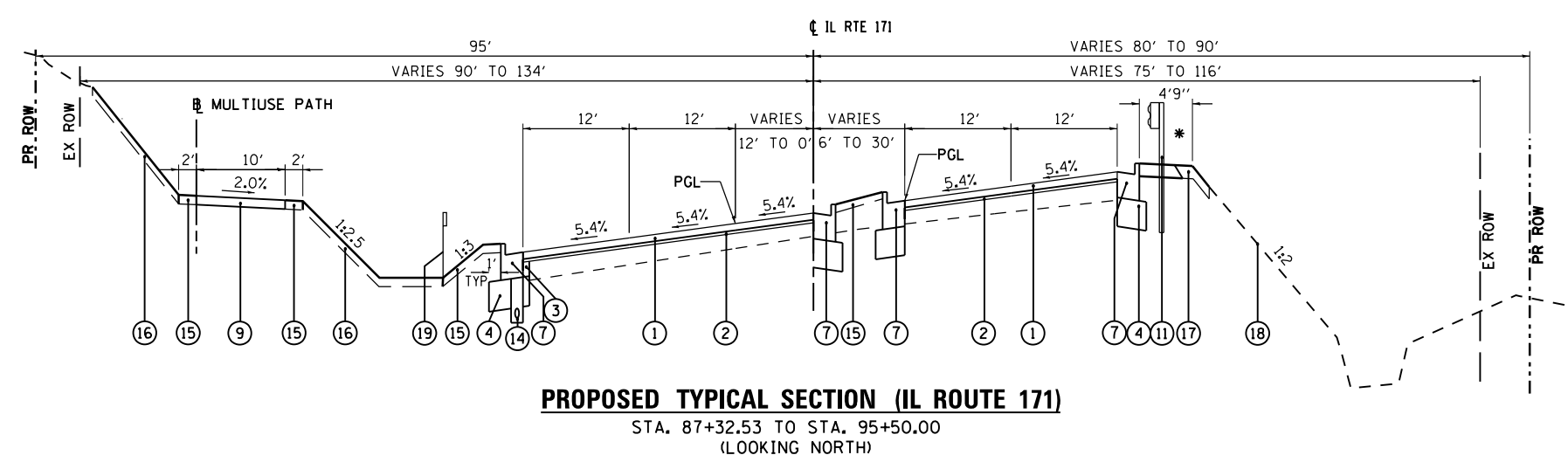
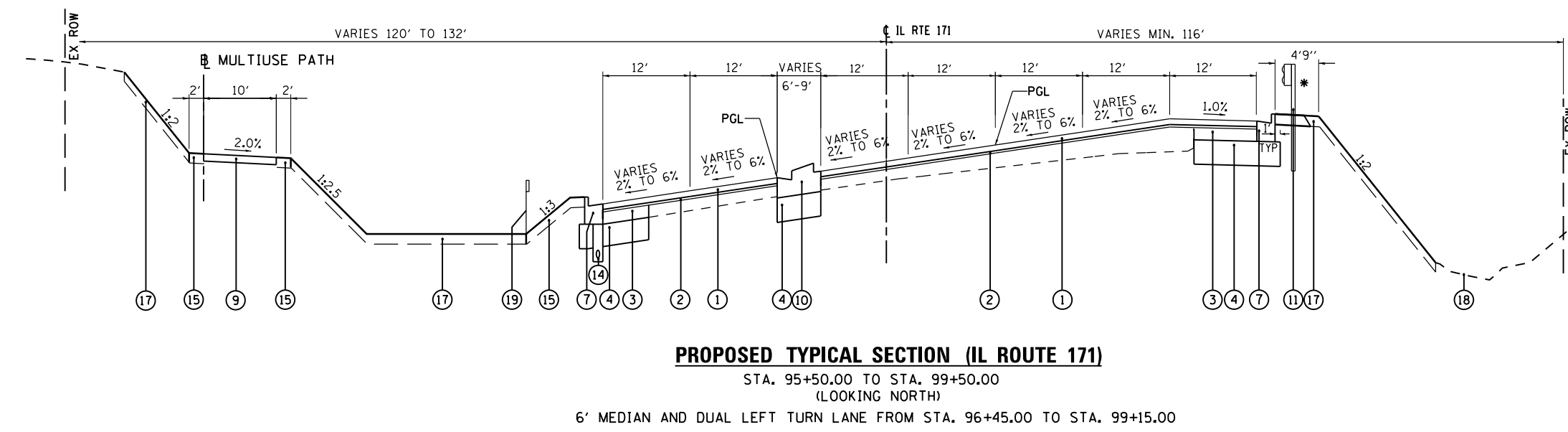
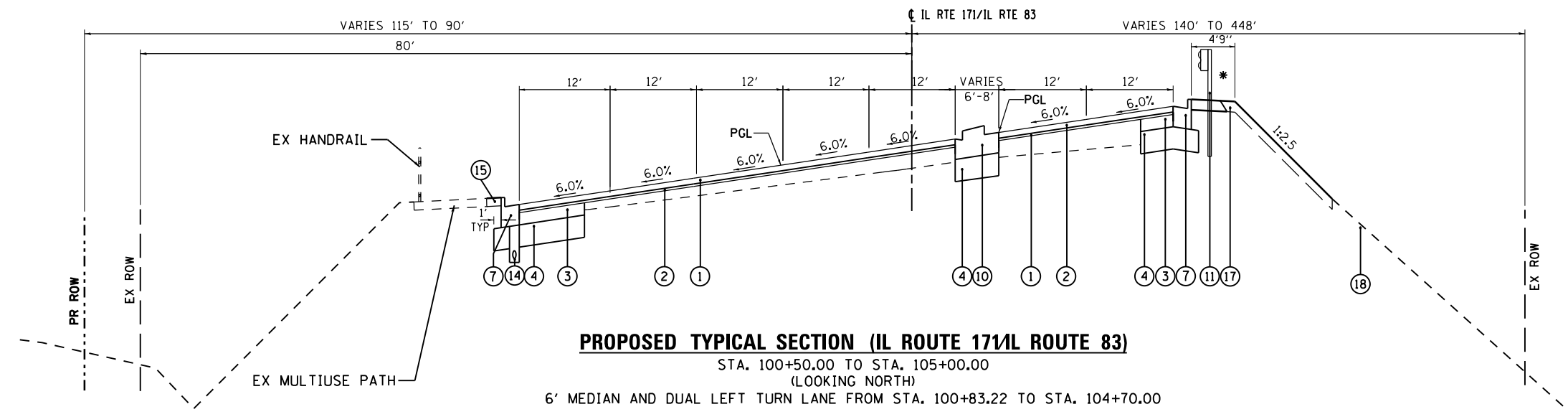
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) PROPOSED TYPICAL SECTIONS	
SCALE: NTS	SHEET NO. 4 OF 6 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	30
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, (1 3/4")
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, (3/4")
- ③ HOT-MIX ASPHALT BASE COURSE, 9" (WHEN WIDENING > 6 FT)
HOT-MIX ASPHALT BASE COURSE WIDENING, 9" (WHEN WIDENING <= 6 FT)
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑧ PC CONCRETE SIDEWALK 5", AGGREGATE BASE COURSE, TYPE B 4"
- ⑨ MULTIUSE PATH, HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2"),
AGGREGATE BASE COURSE, TYPE B 8", GEOTECHNICAL FABRIC FOR GROUND
STABILIZATION
- ⑩ CONCRETE MEDIAN, TYPE SB-6.24
- ⑪ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POST
- ⑫ SUBBASE GRANULAR MATERIAL, TYPE B
- ⑬ AGGREGATE SHOULDER, TYPE B
- ⑭ PIPE UNDERDRAINS, TYPE 2, 4"
- ⑮ SODDING SALT TOLERANT
TOPSOIL FURNISH AND PLACE 6"
- ⑯ SEEDING, CLASS 2A
TOPSOIL FURNISH AND PLACE 6"
- ⑰ SEEDING, CLASS 4A (MODIFIED)
SEEDING, CLASS 5 (MODIFIED)
TOPSOIL FURNISH AND PLACE 6"
- ⑱ INTERSEEDING, CLASS 4 (SPECIAL)
- ⑲ SELECTIVE MOWING STAKES WITH SIGN
- * SEE GUARDRAIL DETAIL (SHEET NO. 32)



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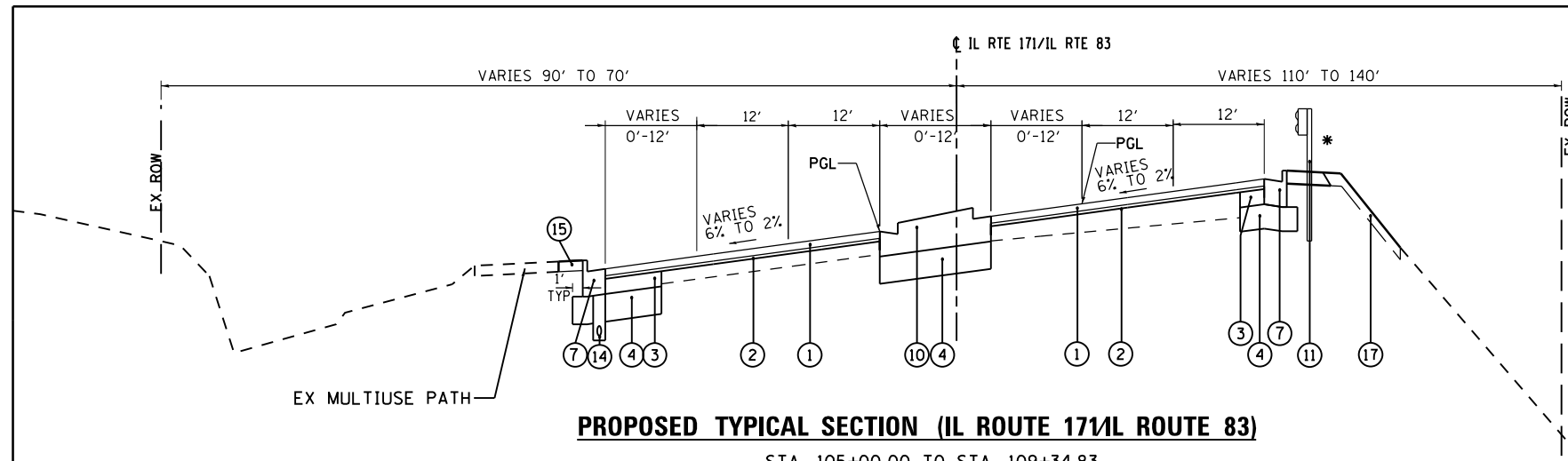


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PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)	
PROPOSED TYPICAL SECTIONS	
SCALE: NTS	SHEET NO. 5 OF 6 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	31
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION (IL ROUTE 171/IL ROUTE 83)

STA. 105+00.00 TO STA. 109+34.83
 (LOOKING NORTH)
 MEDIAN VARIES 6' TO 13' FROM STA. 96+45.00 TO STA. 104+70.00
 * SEE GUARDRAIL DETAIL (ON THIS SHEET)

PROPOSED LEGEND

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, (1 3/4")
 - ② POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, (3/4")
 - ③ HOT-MIX ASPHALT BASE COURSE, 9" (WHEN WIDENING > 6 FT)
HOT-MIX ASPHALT BASE COURSE WIDENING, 9" (WHEN WIDENING <= 6 FT)
 - ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"
 - ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑧ PC CONCRETE SIDEWALK 5", AGGREGATE BASE COURSE, TYPE B 4"
 - ⑨ MULTIUSE PATH, HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2"),
AGGREGATE BASE COURSE, TYPE B 8", GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - ⑩ CONCRETE MEDIAN, TYPE SB-6.24
 - ⑪ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POST
 - ⑫ SUBBASE GRANULAR MATERIAL, TYPE B
 - ⑬ AGGREGATE SHOULDER, TYPE B
 - ⑭ PIPE UNDERDRAINS, TYPE 2, 4"
 - ⑮ SODDING SALT TOLERANT TOPSOIL FURNISH AND PLACE 6"
 - ⑯ SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE 6"
 - ⑰ SEEDING, CLASS 4A (MODIFIED) SEEDING, CLASS 5 (MODIFIED) TOPSOIL FURNISH AND PLACE 6"
 - ⑱ INTERSEEDING, CLASS 4 (SPECIAL)
 - ⑲ SELECTIVE MOWING STAKES WITH SIGN
- * SEE GUARDRAIL DETAIL ON THIS SHEET

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (OMP)
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80; 1 3/4"	3.5% @ 80 GYR	OCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, 3/4"	3.5% @ 50 GYR	OCP
PAVEMENT WIDENING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80; 1 3/4"	3.5% @ 80 GYR	OCP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, 3/4"	3.5% @ 50 GYR	OCP
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 mm); 9"	4% @ 90 GYR	OCP
HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 mm); 9"	4% @ 90 GYR	OCP
MULTIUSE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR	QC/OA
SHOULDER		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	4% @ 70 GYR	QC/OA
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, 6"	4% @ 70 GYR	QC/OA
GUARDRAIL DETAIL		
HOT-MIX ASPHALT BINDER COURSE IL 19 mm, 8"	4% @ 70 GYR	QC/OA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR	QC/OA
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0); 6"	4% @ 50 GYR	QC/OA
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0); 8"	4% @ 50 GYR	QC/OA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, 10"	4% @ 50 GYR	OCP
PATCHING		
CLASS D PATCHES (HOT-MIX ASPHALT BINDER IL-19 mm)	4% @ 70 GYR	QC/OA

OMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (OCP); PAY FOR PERFORMANCE (PFP)

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

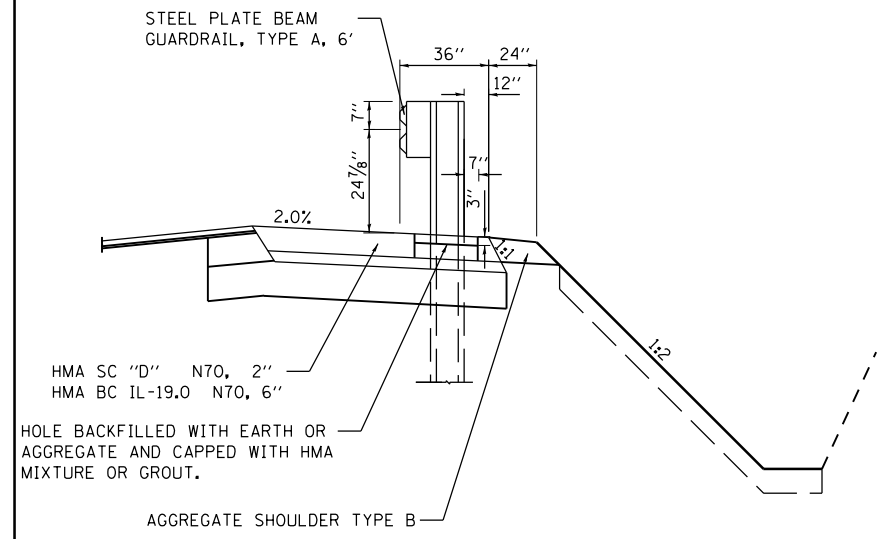
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON POLYMERIZED HMA THE "AC TYPE" SHALL BE PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

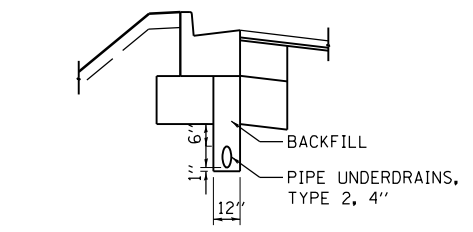
ALL TEMPORARY PAVEMENT SHALL BE PROVIDED OVER 4" SUBBASE GRANULAR MATERIAL TYPE B. TEMPORARY PAVEMENT ALSO HAS OPTION OF 8" TEMPORARY PCC PAVEMENT OVER 4" SUBBASE GRANULAR MATERIAL TYPE B. PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

PATCHING SEQUENCE: CONTRACTOR SHALL MILL BEFORE PATCHING.

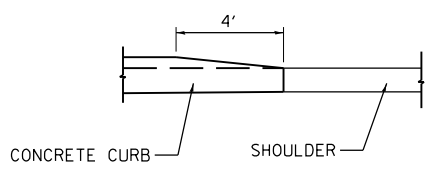


GUARDRAIL DETAIL

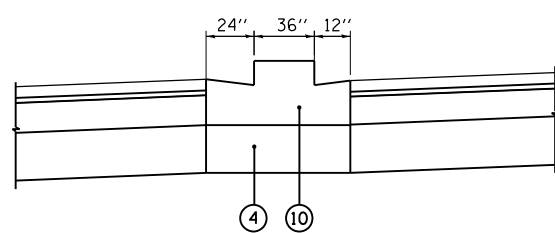
AT SHOULDER



UNDERDRAIN

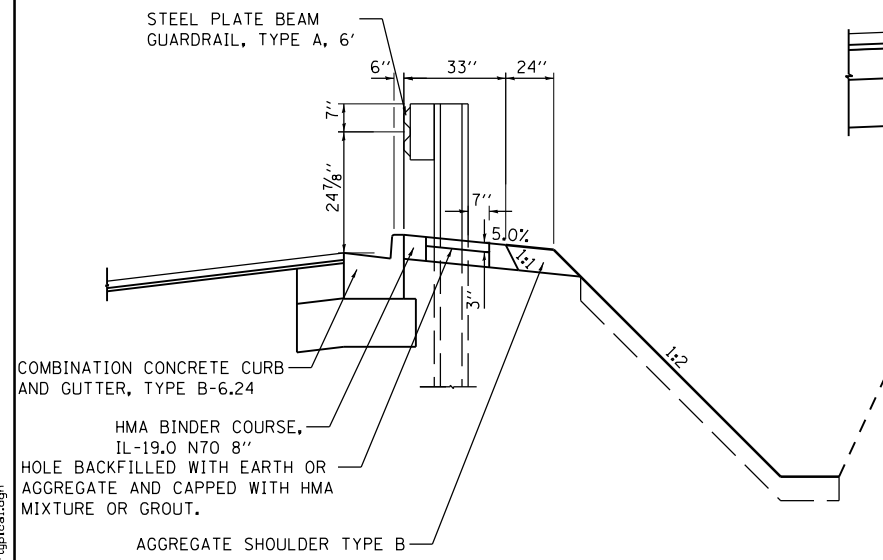


CURB TRANSITION DETAIL



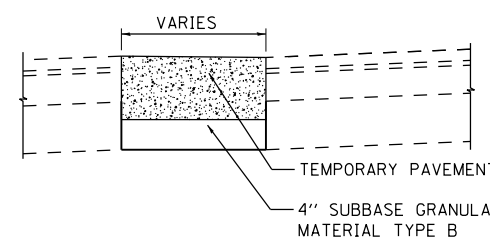
CONCRETE MEDIAN, TYPE SB-6.24

(FOR LOCATION SEE PLAN)



GUARDRAIL DETAIL

AT CURB



TEMPORARY PAVEMENT

(FOR LOCATION SEE PLAN)

FILE NAME = D168025-sh-typical.dgn



USER NAME = Valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PROPOSED TYPICAL SECTIONS		344	3114-N(14)	COOK	225	32
SCALE: NTS	SHEET NO. 6 OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 60Y25		

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

LOCATION	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT
	CU YD	CU YD	CU YD	CU YD	CU YD
STAGE 1					
MAIN STREET / IL ROUTE 83	12340	10490	1285	9205	1243
IL ROUTE 171/83	13850	11775	140	11635	1075
STAGE 2					
IL ROUTE 171/83	1830	1560	1260	300	0
TOTAL	28020	23825	2685	21140	2318

SHRINKAGE FACTOR: EARTH EXCAVATION 15% ASSUMED
 EXISTING TOPSOIL DEPTH IS ESTIMATED TO BE 6"
 PROPOSED TOPSOIL SHALL BE MINIMUM THICKNESS OF 6" UNLESS OTHERWISE SHOW ON PLAN OR DIRECTED BY ENGINEER.

2 TEMPORARY PAVEMENT

FROM STATION	TO STATION	TEMPORARY PAVEMENT SQ YD
MAIN STREET		
388+39.00	402+00.00	1131
IL ROUTE 83		
402+00.00	414+00.00	415
IL ROUTE 171		
87+32.53	98+00.00	1125
IL ROUTE 171/IL ROUTE 83		
102+00.00	109+34.83	680
TOTAL		3352

3 PAVEMENT MARKING

FROM STATION	TO STATION	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
		SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT
MAIN STREET							
388+39.00	402+00.00	265	7348	1266	0	830	66
IL ROUTE 83							
402+00.00	414+00.00	326	5759	1817	0	407	66
IL ROUTE 171							
87+32.53	98+00.00	255	4035	1485	430	505	161
IL ROUTE 171/IL ROUTE 83							
102+00.00	109+34.83	255	2451	1834	475	1695	90
TOTAL		1101	19593	6402	905	3437	383

4 CURB & GUTTER AND CONCRETE MEDIAN

FROM STATION	TO STATION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE MEDIAN SURFACE, 6 INCH	CONCRETE MEDIAN, TYPE SB-6.24	CORRUGATED MEDIAN
		FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT
MAIN STREET							
388+39.00	402+00.00	184.0	146.0	1174.1	1282.8	1752.3	71
IL ROUTE 83							
402+00.00	414+00.00	0.0	0.0	639.0	0.0	1897.0	71
IL ROUTE 171							
87+32.53	98+00.00	0.0	0.0	4950.8	0.0	3769.1	71
IL ROUTE 171/IL ROUTE 83							
102+00.00	109+34.83	0.0	0.0	4780.6	0.0	2004.5	71
111+09.00	111+19	0.0	0.0	0.0	0.0	51.5	0
TOTAL		184.0	146.0	11544.5	1283	9474	284

5 LANDSCAPING

FROM STATION	TO STATION	TOPSOIL FURNISH AND PLACE, 6"	TOPSOIL FURNISH AND PLACE, 12"	SEEDING, CLASS 2A	SODDING, SALT TOLERANT	INTERSEEDING, CLASS 4 (SPECIAL)	SEEDING, CLASS 5 (MODIFIED)	SEEDING, CLASS 4A (MODIFIED)	SEEDING, CLASS 4B (MODIFIED)	INTERSEEDING, CLASS 4A (MODIFIED)	INTERSEEDING, CLASS 5 (MODIFIED)	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET
		SQ YD	SQ YD	ACRE	SQ YD	ACRE	ACRE	ACRE	ACRE	ACRE	ACRE	ACRE	POUND	POUND
MAIN STREET														
388+39.00	402+00.00	1296	526	0.20	3684	0.00	0.23	0.23	0.00	0.00	0.0	63	63	4045
IL ROUTE 83														
402+00.00	414+00.00	12302	0	0.00	11796	0.25	0.27	0.27	0.00	0.07	0.07	146	146	1420
IL ROUTE 171														
87+32.53	98+00.00	2764	710	0.00	2036	0.34	1.88	1.88	0.00	0.00	0.0	25	25	3850
IL ROUTE 171/IL ROUTE 83														
102+00.00	109+34.83	10419	0	1.05	2299	0.89	0.70	0.70	0.25	0.75	0.75	111	111	2160
TOTAL		26781	1236	1.25	19815	1.50	3.25	3.25	0.25	1.00	1.00	345	345	11475

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	33
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 1/8" = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

6 TREE REMOVAL NOTE: TREE REMOVAL (BY OTHERS)

STATION	OFFSET	TREE REMOVAL	TREE REMOVAL
		6-15	OVER 15
		UNIT	UNIT
MAIN STREET (RIGHT SIDE)			
388+37	61 RT	14	
388+74	69 RT	8	
388+89	58 RT	12	
388+92	67 RT	8	
388+94	64 RT	6	
389+04	52 RT	12	
389+29	54 RT		17
389+37	78 RT	13	
389+40	77 RT	13	
389+45	69 RT	12	
389+54	79 RT	10	
389+65	76 RT	10	
389+77	64 RT	7	
389+82	50 RT	6	
389+84	50 RT	6	
389+88	62 RT	11	
389+93	49 RT	8	
390+05	53 RT	8	
390+17	67 RT	7	
390+21	71 RT	13	
390+39	48 RT	6	
390+44	60 RT	6	
390+47	61 RT	8	
390+49	87 RT	8	
390+51	49 RT	6	
390+58	48 RT	9	
390+63	66 RT	8	
390+90	71 RT		22
390+94	71 RT		22
391+15	69 RT	11	
391+20	45 RT	6	
391+22	66 RT		18
391+29	50 RT	12	
391+35	66 RT	14	
391+45	65 RT	14	
391+52	85 RT	6	
391+58	57 RT	7	
391+62	50 RT	6	
391+77	71 RT	14	
391+96	81 RT	15	
391+98	80 RT	13	
391+97	59 RT	6	
392+14	55 RT	6	
392+32	58 RT		19
392+54	48 RT		17
392+89	51 RT	12	
393+48	51 RT	11	
393+52	54 RT	12	
393+54	54 RT	12	
394+35	69 RT		21
394+69	55 RT	8	
394+71	63 RT	10	
394+81	50 RT	14	
394+83	60 RT	9	
394+84	69 RT	12	
394+88	54 RT		22
394+92	52 RT	15	
395+00	64 RT		21
395+30	53 RT	12	
395+31	64 RT		20
395+32	53 RT	12	
395+33	62 RT	8	
397+23	75 RT	12	
397+58	69 RT	11	
397+84	63 RT	8	
398+80	105 RT		21
SUBTOTAL		543	220
IL ROUTE 83 (RIGHT SIDE)			
404+81	74 RT	6	
404+83	75 RT	12	
408+43	78 RT	9	
408+65	52 RT	12	
408+73	53 RT		16
408+92	51 RT	9	

STATION	OFFSET	TREE REMOVAL	TREE REMOVAL
		6-15	OVER 15
		UNIT	UNIT
409+04	51 RT	13	
409+15	51 RT	11	
409+25	50 RT	7	
409+34	50 RT	15	
409+41	50 RT	6	
409+45	51 RT	13	
409+57	51 RT	10	
409+66	43 RT	6	
409+71	55 RT	11	
409+80	55 RT	12	
409+84	61 RT	5	
409+99	60 RT	8	
410+01	53 RT	11	
410+42	30 RT		27
410+54	51 RT	13	
410+63	32 RT	7	
410+64	51 RT		19
410+84	33 RT	8	
410+99	39 RT	8	
411+02	49 RT	12	
411+08	47 RT	14	
411+08	39 RT	8	
411+14	36 RT	8	
411+14	32 RT	6	
411+24	32 RT	11	
411+41	44 RT	6	
411+43	51 RT	13	
411+48	48 RT	12	
411+64	47 RT	15	
411+68	33 RT		29
411+90	44 RT	7	
412+09	39 RT	8	
412+21	44 RT	7	
413+04	43 RT	9	
SUBTOTAL		348	91
IL ROUTE 83 (LEFT SIDE)			
402+00	189 LT	8	
402+21	202 LT	10	
402+31	175 LT	6	
402+74	98 LT	10	
402+93	145 LT	12	
402+96	92 LT	14	
403+15	87 LT	14	
403+16	106 LT	10	
403+19	106 LT	7	
403+17	104 LT	8	
403+46	91 LT	11	
403+47	91 LT		18
408+76	41 LT	7	
409+10	42 LT	15	
410+15	37 LT	12	
412+10	54 LT	6	
412+76	29 LT	8	
412+83	27 LT	7	
413+71	21 LT	13	
413+71	20 LT	10	
413+78	24 LT	6	
413+92	19 LT	7	
413+95	19 LT	10	
SUBTOTAL		211	18
IL ROUTE 171 (RIGHT SIDE)			
87+74	52 RT	9	
87+78	53 RT	10	
87+95	53 RT	15	
88+09	48 RT	9	
88+60	52 RT	9	
88+74	50 RT		20
89+43	54 RT		20
89+48	53 RT	15	
89+61	59 RT	14	
89+62	52 RT	8	
90+24	48 RT	7	
90+34	50 RT	12	
90+58	56 RT	6	
91+51	70 RT		16

STATION	OFFSET	TREE REMOVAL	TREE REMOVAL
		6-15	OVER 15
		UNIT	UNIT
91+59	59 RT	6	
91+61	67 RT	6	
91+70	72 RT	9	
91+80	64 RT	11	
92+16	60 RT	8	
92+24	63 RT	7	
92+57	50 RT	6	
92+64	57 RT	14	
92+73	61 RT		21
92+80	68 RT	11	
92+82	68 RT	11	
93+03	68 RT	11	
93+28	71 RT		37
93+44	69 RT	14	
93+54	51 RT	14	
93+67	53 RT	7	
93+87	52 RT	10	
94+00	84 RT	11	
94+03	84 RT	10	
94+03	57 RT		16
94+17	80 RT		22
94+30	56 RT	14	
94+32	56 RT	14	
94+69	41 RT	11	
94+74	79 RT	9	
94+79	83 RT	6	
94+82	83 RT		16
94+84	82 RT	6	
94+85	84 RT	10	
94+95	75 RT	6	
94+99	84 RT	6	
95+05	53 RT	9	
95+06	44 RT	9	
95+15	78 RT	15	
95+22	72 RT	8	
95+26	72 RT	9	
95+31	48 RT	9	
95+60	95 RT	15	
95+61	52 RT	10	
95+76	100 RT		30
95+85	50 RT	11	
95+93	57 RT		19
95+94	84 RT	7	
96+02	85 RT	7	
96+05	50 RT	10	
96+05	88 RT	10	
96+10	73 RT	9	
96+11	76 RT	7	
96+12	53 RT	6	
96+27	101 RT	8	
96+33	50 RT	6	
96+52	91 RT	6	
96+53	102 RT		19
96+62	54 RT	6	
96+62	63 RT	10	
96+69	105 RT	6	
96+83	99 RT	11	
96+91	63 RT	6	
97+21	75 RT	7	
97+25	76 RT		17
97+25	82 RT		20
97+26	90 RT		18
97+39	82 RT	14	
97+52	106 RT	7	
97+53	68 RT	10	
97+64	116 RT	12	
97+72	69 RT	12	
98+00	64 RT	15	
98+22	67 RT	11	
98+23	67 RT	11	
98+34	103 RT	8	
98+41	136 RT	6	
98+57	133 RT	9	
98+58	126 RT	6	
98+71	127 RT	8	

STATION	OFFSET	TREE REMOVAL	TREE REMOVAL
		6-15	OVER 15
		UNIT	UNIT
98+72	131 RT	7	
98+72	130 RT	7	
98+72	127 RT	10	
98+72	127 RT	13	
98+72	105 RT	12	
98+72	106 RT	15	
98+72	100 RT	7	
98+73	108 RT	10	
98+74	99 RT	10	
SUBTOTAL		799	291
IL ROUTE 171 (LEFT SIDE)			
88+30	64 LT	8	
88+41	65 LT	6	
88+42	69 LT	6	
88+71	84 LT	13	
88+72	80 LT	10	
88+74	78 LT	10	
88+78	86 LT	6	
88+83	86 LT	10	
88+86	90 LT	11	
88+87	88 LT	8	
88+94	88 LT	11	
89+13	81 LT	13	
89+21	82 LT	12	
89+27	79 LT	6	
89+27	82 LT	6	
89+32	80 LT	6	
89+36	81 LT	14	
89+40	81 LT	6	
89+44	74 LT	9	
89+55	66 LT	8	
89+56	79 LT	9	
89+56	80 LT	8	
89+57	76 LT	9	
89+59	85 LT	10	
89+61	75 LT	10	
89+73	80 LT	14	
89+78	68 LT	6	
89+81	70 LT	6	
89+97	68 LT	11	
90+10	82 LT	6	
90+23	61 LT	6	
90+38	81 LT	7	
90+41	79 LT	7	
90+41	68 LT	11	
90+64	86 LT	12	
90+65	72 LT	6	
90+65	76 LT	6	
90+69	73 LT	13	
90+77	68 LT	6	
90+79	66 LT	6	
90+81	85 LT	6	
90+95	61 LT	7	
91+00	74 LT	10	
91+02	64 LT	8	
91+02	69 LT	10	
91+21	71 LT	14	
91+32	69 LT		19
91+71	65 LT	10	
91+78	59 LT	7	
91+81	80 LT	8	
91+86	61 LT	7	
91+88	62 LT	12	
91+95	49 LT	9	
91+97	73 LT	6	
92+00	64 LT	6	
92+14	68 LT	15	
92+14	81 LT	15	
92+18	82 LT		16
92+19	66 LT	8	
92+29	72 LT	6	
92+36	78 LT	15	
92+42	71 LT	12	
92+50	79 LT	6	
92+59	69 LT	11	

STATION	OFFSET	TREE REMOVAL	TREE REMOVAL
		6-15	OVER 15
		UNIT	UNIT
92+62	49 LT	6	
92+72	76 LT		18
92+79	78 LT	15	
93+11	47 LT	12	
93+15	78 LT	12	
93+22	81 LT	13	
93+24	82 LT	8	
93+30	62 LT	6	
93+31	59 LT	6	
93+33	57 LT	6	
93+35	74 LT	9	
93+39	68 LT		16
93+40	70 LT	8	
93+43	74 LT	11	
93+59	72 LT	12	
93+60	80 LT	8	
93+63	71 LT	15	
93+72	61 LT	12	
93+75	50 LT	7	
93+99	74 LT	6	
94+07	62 LT	10	
94+21	66 LT	8	
94+25	71 LT	8	
94+33	59 LT	6	
94+40	66 LT	11	
94+47	68 LT	10	
94+64	76 LT	12	
95+39	90 LT	6	
95+45	94 LT	11	
95+51	95 LT	10	
95+52	89 LT	6	
95+53	89 LT	13	
95+88	106 LT	6	
96+46	96 LT	6	
96+57	95 LT	6	
96+88	93 LT	12	
97+13	69 LT	7	
97+16	80 LT	11	
97+34	74 LT	10	

6 TREE REMOVAL (CONT.)

STATION	OFFSET	TREE REMOVAL 6-15	TREE REMOVAL OVER 15
		UNIT	UNIT
106+27	61 RT		30
106+34	135 RT	6	
106+41	133 RT	10	
106+42	53 RT	11	
106+52	134 RT	9	
106+72	125 RT	6	
106+96	128 RT	11	
106+99	66 RT	6	
107+00	55 RT	9	
107+06	65 RT	10	
107+11	60 RT	11	
107+14	52 RT	7	
107+26	54 RT	13	
107+27	60 RT	6	
107+33	60 RT	10	
107+50	64 RT		19
107+76	58 RT	7	
107+79	58 RT	6	
107+87	57 RT	6	
107+94	57 RT	7	
108+07	59 RT	6	
109+16	119 RT	7	
109+26	125 RT	6	
109+31	68 RT		18
SUBTOTAL		748	764
TOTAL		3722	1453

NOTE: TREE REMOVAL (BY OTHERS)

7 PAVEMENT

FROM STATION	TO STATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	HOT-MIX ASPHALT BASE COURSE, 9"	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, N80
		SQ YD	SQ YD	SQ YD	TON	SQ YD	TON
MAIN STREET							
388+39.00	402+00.00	8643	1538	160	589	29	1380
IL ROUTE 83							
402+00.00	414+00.00	746	1108	50	366	13	851
IL ROUTE 171							
87+32.53	98+00.00	717	1027	35	319	71	745
IL ROUTE 171/IL ROUTE 83							
102+00.00	109+34.83	399	627	670	255	91	590
TOTAL		10505	4300	915	1528.5	204	3566

8 DRIVEWAY

STATION	LOCATION	TYPE PE/CE	HOT-MIX ASPHALT BASE COURSE, 6"	HOT-MIX ASPHALT BASE COURSE, 8"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
			SQ YD	SQ YD	TON
MAIN STREET					
388+80.54	LT	CE		179	20.0
391+39.82	LT	CE		158	17.7
393+21.03	LT	CE		202	22.6
394+25.03	RT	PE	256		28.7
IL ROUTE 83					
405+69.99	LT	CE		140	15.6
DINEFF RD					
299+30.83	RT	PE	104		11.7
TOTAL			360	678	116.3

NOTE:
PE - PRIVATE ENTRANCE
CE - COMMERCIAL ENTRANCE

9 SHOULDER

FROM STATION	TO STATION	DIRECTION	SUBBASE GRANULAR MATERIAL, TYPE B	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 6"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
			CU YD	TON	TON
IL ROUTE 83					
405+90.00	412+00.00	LT	38	162.3	54.4
405+81.55	407+35.38	RT	21	54.6	18.0
407+47.58	410+01.83	RT	49	156.1	52.0
TOTAL			108	373.0	124.4

10 SIDEWALK

FROM		TO		LENGTH	WIDTH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	AGGREGATE BASE COURSE, TYPE B 4"	
STATION	OFFSET	STATION	OFFSET					FOOT
MAIN STREET								
389+05.81	39.5 LT	391+18.31	43.88 LT	212.60	7	1620	180.0	
393+45.96	48.4 LT	398+65.63	67.42 LT	519.80	7	3962	440	
ACCESSIBILITY RAMP						2724	303	
TOTAL							8306	923

11 MULTIUSE PATH

FROM STATION	TO STATION	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE BASE COURSE, TYPE B 8"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
		SQ YD	SQ YD	TON
MAIN STREET				
200+00.00	213+31.24	730	730	163.0
IL ROUTE 171				
213+31.24	222+71.35	1744	1744	137.0
NORTHEAST CORNER				
		91	91	9.0
NORTHWEST CORNER				
		114	114	4.0
TOTAL		2679	2679	300.0

NOTE: STATIONING BASED ON MULTIUSE PATH ALIGNMENT.

12 STORM SEWER REMOVAL

FROM STATION	TO STATION	STORM SEWER REMOVAL 10"	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	STORM SEWER REMOVAL 18"	STORM SEWER REMOVAL 24"	STORM SEWER REMOVAL 30"	STORM SEWER REMOVAL 36"
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
MAIN STREET								
388+39.00	402+00.00		551	29	75	60	218	
IL ROUTE 83								
402+00.00	414+00.00	22	24			63		67
IL ROUTE 171								
87+32.53	98+00.00		147					
IL ROUTE 171/IL ROUTE 83								
102+00.00	109+34.83		250		139			
TOTAL		22	972	29	214	123	218	67

13 TRENCH BACKFILL FOR SEWER REMOVAL

PIPE NUMBER	STRUCTURE		TRENCH BACKFILL CU YD
	FROM	TO	
MAIN STREET			
	388+39.00	402+00.00	252
IL ROUTE 83			
	402+00.00	414+00.00	45
IL ROUTE 171			
	87+32.53	98+00.00	67
IL ROUTE 171/IL ROUTE 83			
	102+00.00	109+34.83	256
TOTAL			620

14 DRAINAGE STRUCTURE REMOVAL

LOCATION	REMOVING MANHOLES	REMOVING CATCH BASIN	REMOVING INLET
	EACH	EACH	EACH
MAIN STREET			
	0	13	1
IL ROUTE 83			
	0	1	1
IL ROUTE 171			
	0	4	0
IL ROUTE 83/IL ROUTE 171			
	1	2	0
TOTAL			2

FILE NAME = D:\6025-shr-Schedule.dgn



USER NAME = Valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SCHEDULE OF QUANTITIES			
SCALE: NONE	SHEET NO. 3 OF 6 SHEETS	STA.	TO STA.

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 35
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 60Y25	

EXISTING SIGNS

SIGN NUMBER	PANEL DESCRIPTION	STATION	OFFSET	SIGN SUPPORT	ACTION	WIDTH (IN)	DEPTH (IN)	AREA (SQ FT)	REMOVE SIGN PANEL ASSY TY-A EACH	REMOVE SIGN PANEL ASSY TY-B EACH	RELOCATE SIGN PANEL ASSY TY-A EACH	RELOCATE SIGN PANEL ASSY TY-B EACH	RELOCATE SIGN PANEL -TYPE 1 SQ FT	RELOCATE SIGN PANEL -TYPE 2 SQ FT	METAL POST TYPE-A FOOT	STATION (RELOCATED)	OFFSET (RELOCATED)	REMARKS	
MAIN STREET																			
E1-1	MANDATORY MOVEMENT LANE CONTROL (R3-5L)	392+66.08	5.80 LT	POST MOUNTED (GROUND)	REMOVE	30	36	7.50		1									
E1-2	KEEP RIGHT (R4-7)					24	30	5.00											
E1-3	JCT (M2-1)	393+34.88	48.81 RT	MOUNTED ON LIGHT POLE	NOTE 1	21	15	2.19						14.02					RELOCATE ON PR LIGHT POLE
E1-4	ILLINOIS 83					24	24	4.00											
E1-5	ILLINOIS 171					30	24	5.00											
E1-6	ARCHER AVE					24	8	1.33											
E1-7	NO PARKING ALONG HIGHWAY					12	18	1.50											
E1-8	KEEP RIGHT (R4-7)	393+52.43	3.30 LT	POST MOUNTED (GROUND)	REMOVE	24	30	5.00	1										
E1-9	MANDATORY MOVEMENT LANE CONTROL (R3-5L)	396+03.99	4.16 LT	POST MOUNTED (GROUND)	REMOVE	30	36	7.50	1										
E1-10	HARVEY, HINSDALE, LOCKPORT	396+19.27	43.47 RT	POST MOUNTED (GROUND)	RELOCATE	48	36	12.00			1						396+20.46	46.57 RT	
E1-11	NO PARKING ALONG HIGHWAY					12	18	1.50											
E1-12	NO PARKING ALONG HIGHWAY	397+79.96	42.51 RT	POST MOUNTED (GROUND)	REMOVE	12	18	1.50	1										
E1-13	ILLINOIS 83	399+40.63	44.96 RT	POST MOUNTED (GROUND)	RELOCATE	24	24	4.00			1				28		397+80.02	49.21 RT	RELOCATE ON METAL POST
E1-14	DIRECTIONAL ARROW (M6-6)					21	15	2.19											
E1-15	ILLINOIS 171					30	24	5.00											
E1-16	DIRECTIONAL ARROW (M6-4)					21	15	2.19											
E1-17	SOUTH (M3-3)	399+51.3	45.28 RT	MOUNTED ON TRAFFIC SIGNAL POLE	RELOCATE	24	12	2.00					7.00				399+43.1	64.35 RT	
E1-18	ILLINOIS 171					30	24	5.00											RELOCATE ON PR TRAFFIC SIGNAL POLE
E1-19	SPEED LIMIT 45 (R2-1)	98+52.16	40.92 LT	POST MOUNTED (GROUND)	RELOCATE	30	36	7.50			1						98+01.99	46.18 LT	
E1-20	ILLINOIS 171	98+18.05	59.26 RT	POST MOUNTED (GROUND)	TO REMAIN	30	24	5.00											
E1-21	DIRECTIONAL ARROW (M6-3)					21	15	2.19											
E1-22	ILLINOIS 83					24	24	4.00											
E1-23	DIRECTIONAL ARROW (M6-6)					21	15	2.19											
E1-24	MANDATORY MOVEMENT LANE CONTROL (R3-5L)	400+69.88	43.93 RT	MOUNTED ON TRAFFIC SIGNAL POLE	RELOCATE	30	36	7.50						15.69			400+81.83	52.97 RT	RELOCATE ON PR TRAFFIC SIGNAL POLE
E1-25	SOUTH (M3-3)					24	12	2.00											
E1-26	ILLINOIS 83					24	24	4.00											
E1-27	DIRECTIONAL ARROW (M6-1)					21	15	2.19											
E1-28	TWO WAY TRAFFIC (W6-3)	388+05.55	37.52 LT	POST MOUNTED (GROUND)	TO REMAIN	36	36	9.00											
E1-29	NO PARKING ALONG HIGHWAY					12	18	1.50											
E1-30	LANE ENDS (W4-2)	390+48.39	38.74 LT	POST MOUNTED (GROUND)	REMOVE	36	36	9.00		1									
E1-31	NO PARKING ALONG HIGHWAY					12	18	1.50											
E1-32	DIVIDED HIGHWAY (W6-1)	392+60.68	40.49 LT	POST MOUNTED (GROUND)	RELOCATE	30	30	6.25			1						392+60.59	50.87 LT	ROTATE SIGN PER W6-2 BEFORE INSTALLATION
E1-33	NO PARKING ALONG HIGHWAY					12	18	1.50											
E1-34	STOP SIGN (R1-1)	392+93.25	43.99 LT	POST MOUNTED (GROUND)	RELOCATE	36	36	9.00			1						392+92.18	49.77 LT	
E1-35	TRUCK CROSSING (W11-10)	394+82.13	42.03 LT	POST MOUNTED (GROUND)	RELOCATE	36	36	9.00				1					394+81.96	54.09 LT	
E1-36	NO PARKING ALONG HIGHWAY					12	18	1.50											
E1-37	SPEED LIMIT 50 (R2-1)	397+89.75	37.70 LT	POST MOUNTED (GROUND)	REMOVE	30	36	7.50	1										
E1-38	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	399+34.76	46.27 LT	MOUNTED ON TRAFFIC SIGNAL POLE	RELOCATE	30	36	7.50					7.50				399+24.24	46.50 LT	RELOCATE ON PR TRAFFIC SIGNAL POLE
E1-39	ILLINOIS 171	400+27.27	44.71 LT	MOUNTED ON TRAFFIC SIGNAL POLE	RELOCATE	30	24	5.00					7.19				400+30.52	47.50 LT	RELOCATE ON PR TRAFFIC SIGNAL POLE
E1-40	DIRECTIONAL ARROW (M6-4)					21	15	2.19											
E1-41	NORTH (M3-1)	400+94.96	70.52 LT	MOUNTED ON LIGHT POLE	NOTE 1	24	12	2.00					8.19				401+39.35	58.45 LT	RELOCATE ON PR LIGHT POLE
E1-42	ILLINOIS 83					24	24	4.00											
E1-43	DIRECTIONAL ARROW (M6-1)					21	15	2.19											
E1-44	SPEED LIMIT 25 (R2-1)	392+38.9	58.68 LT	POST MOUNTED (GROUND)	TO REMAIN	30	36	7.50											
E1-45	NO PARKING ALONG HIGHWAY					12	18	1.50											
E1-46	KEEP RIGHT (R4-7)	389+31.13	1.66 LT	POST MOUNTED (GROUND)	REMOVE	24	30	5.00	1										
E1-47	COMB BIKE AND PEDESTRIAN CROSSING (W11-15)	398+86.01	87.80 LT	MOUNTED ON LIGHT POLE	NOTE 1	30	30	6.25					8.25				398+64.79	101.25 LT	RELOCATE ON PR LIGHT POLE
E1-48	DIAGONAL ARROW PLAQUE (W16-7p)					24	12	2.00											
E1-49	COMB BIKE AND PEDESTRIAN CROSSING (W11-15)	400+27.27	44.71 LT	MOUNTED ON TRAFFIC SIGNAL POLE	RELOCATE	30	30	6.25					8.25				400+30.52	47.50 LT	RELOCATE ON PR TRAFFIC SIGNAL POLE
E1-50	DIAGONAL ARROW PLAQUE (W16-7p)					24	12	2.00											
E1-51	COMB BIKE AND PEDESTRIAN CROSSING (W11-15)	399+34.76	46.27 LT	MOUNTED ON TRAFFIC SIGNAL POLE	RELOCATE	30	30	6.25					8.25				399+24.24	46.50 LT	RELOCATE ON PR TRAFFIC SIGNAL POLE
E1-52	DIAGONAL ARROW PLAQUE (W16-7p)					24	12	2.00											
E1-53	COMB BIKE AND PEDESTRIAN CROSSING (W11-15)	401+10.33	59.04 LT	POST MOUNTED (GROUND)	RELOCATE	30	30	6.25			1						399+24.24	46.50 LT	RELOCATE ON PR TRAFFIC SIGNAL POLE
E1-54	DIAGONAL ARROW PLAQUE (W16-7p)					24	12	2.00											
E1-55	BICYCLE HILL PLAQUE (W7-5)	401+39.3	65.81 LT	POST MOUNTED (GROUND)	TO REMAIN	18	18	2.25											
E1-56	SPEED LIMIT 25 (R2-1)	394+52.8	82.57 LT	POST MOUNTED (GROUND)	TO REMAIN	30	36	7.50											
IL ROUTE 83																			
E2-1	MANDATORY MOVEMENT LANE CONTROL (R3-5L)	402+44.24	5.21 RT	POST MOUNTED (GROUND)	REMOVE	30	36	7.50	1										
E2-2	LANE ENDS (W4-2)	404+09.13	35.75 RT	POST MOUNTED (GROUND)	REMOVE	36	36	9.00	1										
E2-3	MANDATORY MOVEMENT LANE CONTROL (R3-5L)	405+21.51	5.96 LT	POST MOUNTED (GROUND)	REMOVE	30	36	7.50		1									
E2-4	KEEP RIGHT (R4-7)					24	30	5.00											
E2-5	STOP AHEAD (W3-1)	298+58.25	21.43 RT	POST MOUNTED (GROUND)	TO REMAIN	30	30	6.25											
E2-6	STOP SIGN (R1-1)	405+86.49	52.62 RT	POST MOUNTED (GROUND)	RELOCATE	36	36	9.00			1						405+87.67	54.00 RT	
E2-7	SOUTH (M3-3)	406+06.83	42.73 RT	POST MOUNTED (GROUND)	RELOCATE	24	12	2.00			1						406+08.25	55.03 RT	
E2-8	ILLINOIS 83					24	24	4.00											
E2-9	KEEP RIGHT (R4-7)	406+33.4	1.15 LT	POST MOUNTED (GROUND)	REMOVE	24	30	5.00		1									
E2-10	KEEP RIGHT (R4-7)	406+33.56	0.83 LT	POST MOUNTED (GROUND)		24	30	5.00											
E2-11	TWO WAY TRAFFIC (W6-3)	407+97.69	38.93 RT	POST MOUNTED (GROUND)	REMOVE	36	36	9.00	1										
E2-12	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	402+41.55	53.98 LT	POST MOUNTED (GROUND)	RELOCATE	30	36	7.50				1					402+41.19	61.50 LT	
E2-13	TO ARCHER					30	24	5.00											
E2-14	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	403+39.81	60.26 LT	MOUNTED ON LIGHT POLE	NOTE 1	30	36	7.50					7.50				403+70.64	65.93 LT	RELOCATE ON PR LIGHT POLE
E2-15	LEMONT, LOCKPORT, HINSDALE	406+16.87	60.42 LT	MOUNTED ON LIGHT POLE	NOTE 1	48	36	12.00						12.00			406+04.78	63.89 LT	RELOCATE ON PR LIGHT POLE
E2-16	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	407+44.41	53.65 LT	POST MOUNTED (GROUND)	RELOCATE	30	36	7.50				1					407+44.88	57.56 LT	
E2-17	TO FOREST PRESERVE					36	24	6.00											
SUB TOTAL									8	4	6	5	62	42	28				

NOTES
 1. TO BE RE-ERECTED ON NEW LIGHT POST
 2. TRAFFIC SIGNAL MAST ARM SIGNS ARE NOT INCLUDED

FILE NAME = D:\60\25-sh-t-Schedule.dgn



USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1in.	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

15 EXISTING SIGNS (CONT.)

SIGN NUMBER	PANEL DESCRIPTION	STATION	OFFSET	SIGN SUPPORT	ACTION	WIDTH (IN)	DEPTH (IN)	AREA (SQ FT)	REMOVE SIGN PANEL ASSY TY-A EACH	REMOVE SIGN PANEL ASSY TY-B EACH	RELOCATE SIGN PANEL ASSY TY-A EACH	RELOCATE SIGN PANEL ASSY TY-B EACH	RELOCATE SIGN PANEL -TYPE 1 SQ FT	RELOCATE SIGN PANEL -TYPE 2 SQ FT	METAL POST TYPE-A FOOT	STATION (RELOCATED)	OFFSET (RELOCATED)	REMARKS	
E2-18	JCT (M2-1)	409+34.8	40.00 LT	MOUNTED ON LIGHT POLE	NOTE 1	21	15	2.19						9.19		410+84.12	34.14 LT	RELOCATE ON PR LIGHT POLE	
E2-19	ILLINOIS 171					30	24	5.00											
E2-20	ARCHER AVE					24	12	2.00											
E2-21	BICYCLE (W11-1)	403+26.52	52.54 LT	POST MOUNTED (GROUND)	RELOCATE	30	30	6.25			1					403+26.32	61.20 LT		
E2-22	AHEAD (W16-9P)					24	12	2.00											
E2-23	NO MOTOR VEHICLES (R5-3)	405+48.01	64.81 LT	POST MOUNTED (GROUND)	TO REMAIN	24	24	4.00											
E2-24	STOP SIGN (R1-1)					18	18	2.25											
E2-25	ROAD TRIAL END					12	18	1.50											
E2-26	STOP SIGN (R1-1)	405+56.72	82.13 LT	POST MOUNTED (GROUND)	TO REMAIN	36	36	9.00											
IL ROUTE 171																			
E3-1	CHEVRON ALIGMENT (W1-8L)	87+26.2	53.23 RT	MOUNTED ON LIGHT POLE	NOTE 1	24	30	5.00					3.00			87+45.2	43.44 RT	RELOCATE ON PR LIGHT POLE	
E3-2	CHEVRON ALIGMENT (W1-8L)	88+62.92	48.58 RT	POST MOUNTED (GROUND)	RELOCATE	24	30	5.00			1					88+64.28	33.36 RT		
E3-3	CHEVRON ALIGMENT (W1-8R)					24	30	5.00											
E3-4	SIGNAL AHEAD (W3-3)	89+87.64	53.69 RT	MOUNTED ON LIGHT POLE	NOTE 1	36	36	9.00					14.00			89+49.67	41.99 RT	RELOCATE ON PR LIGHT POLE	
E3-5	111TH ST, MAIN ST					30	24	5.00											
E3-6	CHEVRON ALIGMENT (W1-8L)	90+10.13	49.55 RT	POST MOUNTED (GROUND)	RELOCATE	24	30	5.00			1					90+11.94	41.45 RT		
E3-7	CHEVRON ALIGMENT (W1-8R)					24	30	5.00											
E3-8	CHEVRON ALIGMENT (W1-8L)	91+25.3	44.29 RT	POST MOUNTED (GROUND)	RELOCATE	24	30	5.00			1					91+27.19	40.79 RT		
E3-9	CHEVRON ALIGMENT (W1-8R)					24	30	5.00											
E3-10	JCT (M2-1)	92+42.16	49.17 RT	MOUNTED ON LIGHT POLE	NOTE 1	21	15	2.19					6.19			91+79.8	43.93 RT	RELOCATE ON PR LIGHT POLE	
E3-11	ILLINOIS 83					24	24	4.00											
E3-12	CHEVRON ALIGMENT (W1-8L)	93+74.65	44.45 RT	POST MOUNTED (GROUND)	RELOCATE	24	30	5.00			1					93+77.28	45.24 RT		
E3-13	CHEVRON ALIGMENT (W1-8R)					24	30	5.00											
E3-14	CHEVRON ALIGMENT (W1-8L)	94+72.42	44.35 RT	POST MOUNTED (GROUND)	RELOCATE	24	30	5.00			1					94+73.89	44.28 RT		
E3-15	CHEVRON ALIGMENT (W1-8R)					24	30	5.00											
E3-16	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	95+46.61	49.87 RT	MOUNTED ON LIGHT POLE	NOTE 1	30	36	7.50					7.50			94+14.18	46.97 RT	RELOCATE ON PR LIGHT POLE	
E3-17	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	96+46.88	2.49 LT	POST MOUNTED (GROUND)	REMOVE	30	36	7.50	1										
E3-18	CHEVRON ALIGMENT (W1-8L)	96+64.03	51.30 RT	POST MOUNTED (GROUND)	RELOCATE	24	30	5.00			1					96+64.61	58.45 RT		
E3-19	CHEVRON ALIGMENT (W1-8R)					24	30	5.00											
E3-20	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	97+45.73	55.11 RT	POST MOUNTED (GROUND)	REMOVE	30	36	7.50	1										
E3-21	DIVIDED HIGHWAY ENDS (W6-2)	89+81.45	38.49 LT	POST MOUNTED (GROUND)	TO REMAIN	30	30	6.25											
E3-22	WATCH FOR MOTORCYCLES	93+54.9	40.26 LT	POST MOUNTED (GROUND)	RELOCATE	30	30	6.25			1					93+55.06	46.94 LT		
E3-23	SIGNAL AHEAD (W3-3)	94+02.08	48.18 LT	MOUNTED ON LIGHT POLE	NOTE 1	36	36	9.00								94+15.75	44.56 LT	EX FLASHING BEACON TO BE RELOCATED ON THE TEMP POST AND PR FLASHING BEACON TO BE MOUNTED ON PR LIGHT POLE	
E3-24	BELL RD					24	12	2.00											
E3-25	REVERSE CURVE (W1-4R)	97+16.72	49.20 LT	MOUNTED ON LIGHT POLE	NOTE 1	36	36	9.00					9.00			96+49.59	45.66 LT	RELOCATE ON PR LIGHT POLE	
E3-26	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	84+76.47	53.38 RT	MOUNTED ON LIGHT POLE	NOTE 1	30	36	7.50					7.50			84+76.47	53.38 RT		
E3-27	BICYCLE (W11-1)	97+01.02	51.24 RT	POST MOUNTED (GROUND)	RELOCATE	30	30	6.25			1					97+02.16	57.65 RT		
E3-28	AHEAD (W16-9P)					24	12	2.00											
E3-29	CHEVRON ALIGMENT (W1-8L)	93+74.65	44.45 RT	POST MOUNTED (GROUND)	TO REMAIN	24	30	5.00											
E3-30	CHEVRON ALIGMENT (W1-8L)	93+74.65	44.45 RT	POST MOUNTED (GROUND)	TO REMAIN	24	30	5.00											
IL ROUTE 171/IL ROUTE 83																			
E4-1	NORTH (M3-1)	102+11.75	47.93 RT	POST MOUNTED (GROUND)	TO REMAIN	24	12	2.00											
E4-2	ILLINOIS 83					24	24	4.00											
E4-3	ILLINOIS 171					30	24	5.00											
E4-4	SPEED LIMIT 45 (R2-1)	103+47.94	46.39 RT	POST MOUNTED (GROUND)	TO REMAIN	30	36	7.50											
E4-5	CROSS ROAD (W2-1)	105+33.75	44.40 RT	POST MOUNTED (GROUND)	TO REMAIN	36	36	9.00											
E4-6	BELL ROAD FOREST PRESERVE					36	18	4.50											
E4-7	STOP SIGN (R1-1)	110+19.99	51.03 RT	POST MOUNTED (GROUND)	TO REMAIN	36	36	9.00											
E4-8	LOCKPORT, HARVEY, LEMONT	101+61.43	45.91 LT	POST MOUNTED (GROUND)	RELOCATE	48	36	12.00				1				108+24.35	58.71 LT		
E4-9	MANDATORY MOVEMENT LANE CONTROL (R3-5R)					30	36	7.50											
E4-10	SOUTH (M3-3)	105+53.66	40.81 LT	POST MOUNTED (GROUND)	RELOCATE	24	12	2.00				1				105+53.71	48.61 LT		
E4-11	ILLINOIS 83					24	24	4.00											
E4-12	DIRECTIONAL ARROW (M5-1)					21	15	2.19											
E4-13	SOUTH (M3-3)					24	12	2.00											
E4-14	ILLINOIS 171					30	24	5.00											
E4-15	DIRECTIONAL ARROW (M6-3)					21	15	2.19											
E4-16	SIGNAL AHEAD (W3-3)	107+31.55	49.06 LT	MOUNTED ON LIGHT POLE	NOTE 1	36	36	9.00					10.75			108+24.72	43.75 LT	RELOCATE ON PR LIGHT POLE	
E4-17	MAIN STREET 111TH STREET					36	18	4.50											
E4-18	STOP (R1-1)	108+58.64	41.83 LT	POST MOUNTED (GROUND)	RELOCATE	18	18	2.25			1					108+50.13	41.80 LT		
E4-19	STOP (R1-1)	112+18.57	38.19 LT	POST MOUNTED (GROUND)	RELOCATE	18	18	2.25			1					112+19.78	41.80 LT		
E4-20	ILLINOIS 83	108+65.33	71.64 LT	POST MOUNTED (GROUND)	TO REMAIN	24	24	4.00											
E4-21	DIRECTIONAL ARROW (M6-4)					21	15	2.19											
E4-22	ILLINOIS 171					30	24	5.00											
E4-23	DIRECTIONAL ARROW (M6-4)					21	15	2.19											
E4-24	STOP (R1-1)	108+69.06	74.76 LT	POST MOUNTED (GROUND)	TO REMAIN	36	36	9.00											
E4-25	BICYCLE (W11-1)	104+29.47	46.15 LT	POST MOUNTED (GROUND)	RELOCATE	30	30	6.25			1					104+29.94	55.25 LT		
E4-26	AHEAD (W16-9P)					24	12	2.00											
E4-27	MANDATORY MOVEMENT LANE CONTROL (R3-5L)	111+13.28	4.00 RT	POST MOUNTED (GROUND)	RELOCATE	30	36	7.50			1					111+21.00	4.00 RT		
SUB TOTAL									2	0	13	2	33	34	0				
TOTAL FROM OTHER SHEET									8	4	6	5	62	42	28				
TOTAL									10	4	19	7	95	76	28				

- NOTES
 1. TO BE RE-ERECTED ON NEW LIGHT POST
 2. TRAFFIC SIGNAL MAST ARM SIGNS ARE NOT INCLUDED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SCHEDULE OF QUANTITIES**

SCALE: NONE SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	37
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME = D:\60Y25-sh-t-Schedule.dgn

RME Rubinos & Mesa Engineers, Inc.
 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2462

USER NAME = VALVAREZ	DESIGNED - FA	REVISED -
PLOT SCALE = 1/8" = 1'-0"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

16 PROPOSED SIGNS

SIGN NUMBER	PANEL DESCRIPTION	STATION	OFFSET	WIDTH (IN)	DEPTH (IN)	SIGN PANEL TYPE 1	METAL POST		REMARKS
						SQ FT	TYPE A FOOT	TYPE B FOOT	
MAIN STREET									
P1-1	MANDATORY MOVEMENT LANE CONTROL (R3-5L)	392+72.84	6.21 LT	24	30	5.00		13.5	BACK TO BACK ON SAME POST
P1-2	KEEP RIGHT (R4-7)			24	30	5.00			
P1-3	KEEP RIGHT (R4-7)	393+54.69	3.91 LT	24	30	5.00		13.5	
P1-4	ADVANCE INTERSECTION LANE CONTROL (R3-8LL)	98+94.42	10.87 LT	30	30	6.25		13.5	BACK TO BACK ON SAME POST
P1-5	KEEP RIGHT (R4-7)			24	30	5.00			
P1-6	KEEP RIGHT (R4-7)	389+28.71	0.2 LT	24	30	5.00		13.5	
P1-7	SPEED LIMIT 45 (R2-1)	397+86.83	54.7 LT	30	36	7.50	27		
P1-8	ONE WAY (R6-2R)	391+32.8	2.88 LT	24	30	5.00		13.5	
P1-9	ADVANCE INTERSECTION LANE CONTROL (R3-8LL)	398+82.72	11.12 LT	30	30	6.25		13.5	BACK TO BACK ON SAME POST
P1-10	KEEP RIGHT (R4-7)			24	30	5.00			
P1-11	ADVANCE INTERSECTION LANE CONTROL (R3-8LL)	101+04.8	11.09 RT	30	30	6.25		13.5	BACK TO BACK ON SAME POST
P1-12	KEEP RIGHT (R4-7)			24	30	5.00			
P1-13	KEEP RIGHT (R4-7)	401+17.55	11.02 RT	24	30	5.00	32		BACK TO BACK ON SAME POST
P1-14	U-TURN YIELD TO RIGHT TURN (R10-16)			30	36	7.50			
P1-15	ADVANCE INTERSECTION LANE CONTROL (R3-8LL)			30	30	6.25			
P1-16	STOP (R1-1)	200+06.68	13.35 LT	18	18	2.25	12.5		BACK TO BACK ON SAME POST
P1-17	NO MOTOR VEHICLES (R5-3)			24	24	4.00			
P1-18	COMB BIKE AND PEDESTRIAN CROSSING (W11-15)	200+01.17	11.97 LT	30	30	6.25	28		MOUNTED ON SAME POST
P1-19	DIAGONAL ARROW PLAQUE (W16-7p)			24	12	2.00			
P1-20	STOP (R1-1)	206+71.2	3.44 RT	18	18	2.25	12.5		BACK TO BACK ON SAME POST
P1-21	NO MOTOR VEHICLES (R5-3)			24	24	4.00			
P1-22	STOP (R1-1)	206+99.38	12.67 LT	18	18	2.25	12.5		BACK TO BACK ON SAME POST
P1-23	NO MOTOR VEHICLES (R5-3)			24	24	4.00			
P1-24	COMB BIKE AND PEDESTRIAN CROSSING (W11-15)	206+93.11	5.97 RT	30	30	6.25	28		MOUNTED ON SAME POST
P1-25	DIAGONAL ARROW PLAQUE (W16-7p)			24	12	2.00			
P1-26	SPEED LIMIT 45 (R2-1)	388+14.92	40.1 RT	30	36	7.50	27		
P1-27	STOP (R1-1)	391+12.92	49.01 LT	36	36	9.00	27		
P1-28	LANE ENDS (W4-2)	394+99.07	54.61 LT	36	36	9.00	27		
P1-29	ADVANCE INTERSECTION LANE CONTROL (R3-8LL)	396+04.71	11.63 LT	30	30	6.25		13.5	
P1-30	ONE WAY (R6-2R)	394+30.00	3.25 RT	24	30	5.00		13.5	
IL ROUTE 83									
P2-1	ONE WAY (R6-2R)	405+73.45	1.43 RT	24	30	5.00		13.5	BACK TO BACK ON SAME POST
P2-2	ONE WAY (R6-2R)			24	30	5.00			
P2-3	U-TURN (R3-MOD)	407+27.57	5.59 LT	24	30	5.00		13.5	BACK TO BACK ON SAME POST
P2-4	KEEP RIGHT (R4-7)			24	30	5.00			
P2-5	SPEED LIMIT 45 (R2-1)	411+84.17	30.12 LT	30	36	7.50	27		
P2-6	ADVANCE INTERSECTION LANE CONTROL (R3-8LL)	404+25.98	12.68 RT	30	30	6.25		13.5	
P2-7	SOUTH (M3-3)			24	12	2.00	29.5		
P2-8	ILLINOIS 171	405+16.86	62.76 LT	30	24	5.00			MOUNTED ON SAME POST
P2-9	DIRECTIONAL ARROW (M5-1)			21	15	2.19			
P2-10	NORTH (M3-1)			24	12	2.00	29.5		
P2-11	ILLINOIS 171	405+16.86	62.76 LT	30	24	5.00			MOUNTED ON SAME POST
P2-12	DIRECTIONAL ARROW (M5-1)R			21	15	2.19			
P2-13	NORTH (M3-1)			24	12	2.00	29.5		
P2-14	ILLINOIS 83	405+16.86	62.76 LT	24	24	4.00			MOUNTED ON SAME POST
P2-15	DIRECTIONAL ARROW (M5-1)R			21	15	2.19			
P2-16	LANE ENDS (W4-2)	400+09.63	46.74 RT	24	30	5.00		13.5	
P2-17	TWO WAY TRAFFIC (W6-3)	407+98.16	50.79 RT	36	36	9.00	27		
IL ROUTE 171/IL ROUTE 83									
P3-1	MANDATORY MOVEMENT LANE CONTROL (R3-5L)	87+63.33	6.87 RT	24	30	5.00		13.5	BACK TO BACK ON SAME POST
P3-2	KEEP RIGHT (R4-7)			24	30	5.00			
P3-3	STOP (R1-1)	222+66.64	5.21 RT	18	18	2.25	12.5		BACK TO BACK ON SAME POST
P3-4	NO MOTOR VEHICLES (R5-3)			24	24	4.00			
P3-5	BICYCLE HILL PLAQUE (W7-5)	221+49.88	14.61 LT	18	18	2.25	12		
P3-6	SPEED LIMIT 45 (R2-1)	87+91.28	43.49 LT	30	36	7.50	27		
P3-7	ADVANCE INTERSECTION LANE CONTROL (R3-8LL)	96+98.48	11.87 LT	30	30	6.25		13.5	
P3-8	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	96+22.78	57.19 RT	30	30	6.25		13.5	
IL ROUTE 171/IL ROUTE 83									
P4-1	KEEP RIGHT (R4-7)	109+06.82	7.29 LT	24	30	5.00		13.5	BACK TO BACK ON SAME POST
P4-2	MANDATORY MOVEMENT LANE CONTROL (R3-5L)			24	30	5.00			
P4-3	MANDATORY MOVEMENT LANE CONTROL (R3-5R)	108+21.26	39.84 RT	24	30	5.00		13.5	
P4-4	ADVANCE INTERSECTION LANE CONTROL (R3-8LL)	104+34.00	11.50 RT	30	30	6.25		13.5	
TOTAL						291.06	427.5	256.5	

NOTES
 1. TO BE RE-ERECTED ON NEW LIGHT POST
 2. TRAFFIC SIGNAL MAST ARM SIGNS ARE NOT INCLUDED

FILE NAME = D:\60Y25-sh-t-Schedule.dgn



USER NAME = valvarez
 PLOT SCALE = 100.0000' / 1" =
 PLOT DATE = 8/19/2017

DESIGNED - FA
 DRAWN - VEA
 CHECKED - MF
 DATE - 6/30/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 SCHEDULE OF QUANTITIES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	38
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

EXIST. CURVE E..IL83-1
 PI STA. = 390+29.30
 $\Delta = 9^\circ 16' 10''$ (RT)
 D = 2° 38' 33"
 R = 2168.19'
 T = 175.77'
 L = 350.77'
 E = 7.11'
 e = 4.20%
 T.R. = 72'
 S.E. RUN = 151'
 P.C. STA. = 388+53.53
 P.T. STA. = 392+04.30

EXIST. CURVE E..IL171-3
 PI STA. = 104+40.32
 $\Delta = 38^\circ 22' 19''$ (LT)
 D = 7° 03' 07"
 R = 812.49'
 T = 282.71'
 L = 544.14'
 E = 47.78'
 e = 6.00%
 T.R. = 72'
 S.E. RUN = 216'
 P.C. STA. = 101+57.61
 P.T. STA. = 107+01.74

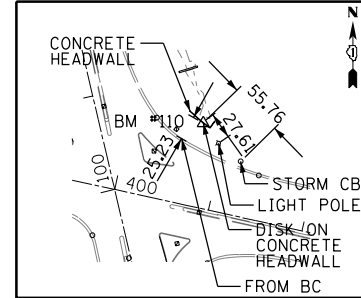
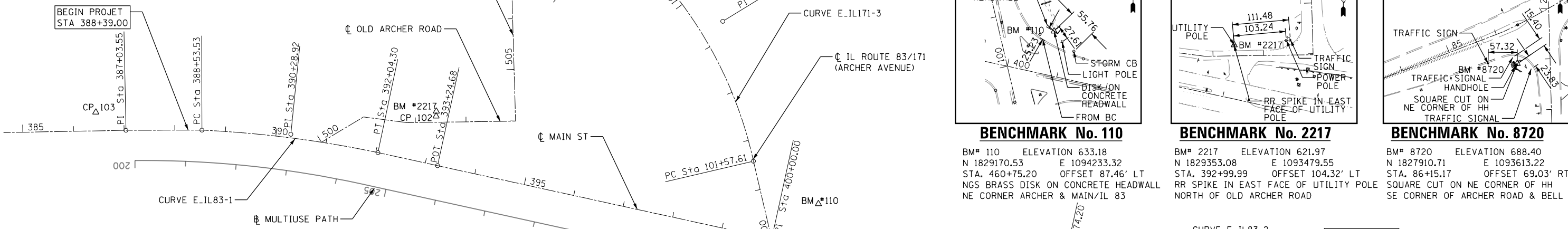
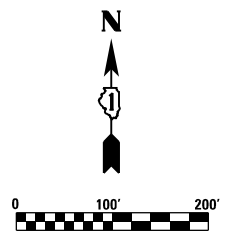
EXIST. CURVE E..IL171-1
 PI STA. = 88+07.46
 $\Delta = 17^\circ 28' 28''$ (LT)
 D = 4° 32' 38"
 R = 1260.97'
 T = 193.79'
 L = 384.58'
 E = 14.80'
 e = 5.60%
 T.R. = 72'
 S.E. RUN = 202'
 P.C. STA. = 87+15.61
 P.T. STA. = 89+99.75

EXIST. CURVE E..IL171-2
 PI STA. = 94+80.88
 $\Delta = 60^\circ 08' 22''$ (LT)
 D = 6° 53' 41"
 R = 831.01'
 T = 481.13'
 L = 872.26'
 E = 129.23'
 e = 6.00%
 T.R. = 72'
 S.E. RUN = 216'
 P.C. STA. = 89+99.75
 P.T. STA. = 98+72.01

EXIST. CURVE E..IL83-2
 PI STA. = 410+68.78
 $\Delta = 12^\circ 20' 50''$ (LT)
 D = 3° 29' 38"
 R = 1639.83'
 T = 177.38'
 L = 353.38'
 E = 9.57'
 e = 5.00%
 T.R. = 72'
 S.E. RUN = 180'
 P.C. STA. = 408+91.40
 P.T. STA. = 412+44.78

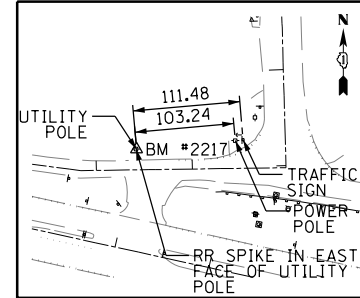
EXIST. CURVE E..DINEFF-1
 PI STA. = 299+13.03
 $\Delta = 62^\circ 22' 48''$ (LT)
 D = 121° 52' 00"
 R = 47.02'
 T = 28.46'
 L = 51.19'
 E = 7.94'
 P.C. STA. = 298+84.57
 P.T. STA. = 299+35.75

EXIST. CURVE E..DINEFF-2
 PI STA. = 297+07.74
 $\Delta = 34^\circ 16' 31''$ (RT)
 D = 111° 31' 51"
 R = 496.90'
 T = 153.22'
 L = 297.25'
 E = 23.09'
 P.C. STA. = 295+54.51
 P.T. STA. = 298+51.76



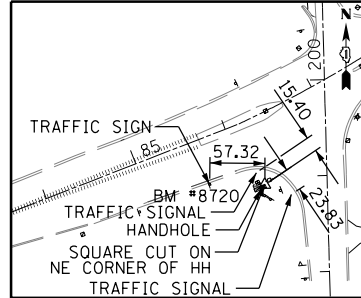
BENCHMARK No. 110

BM# 110 ELEVATION 633.18
 N 1829170.53 E 1094233.32
 STA. 460+75.20 OFFSET 87.46' LT
 NGS BRASS DISK ON CONCRETE HEADWALL
 NE CORNER ARCHER & MAIN/IL 83



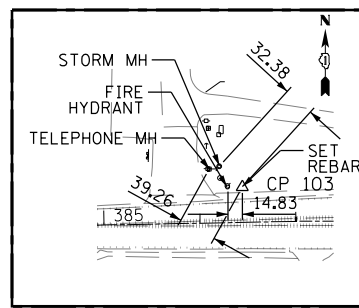
BENCHMARK No. 2217

BM# 2217 ELEVATION 621.97
 N 1829353.08 E 1093479.55
 STA. 392+99.99 OFFSET 104.32' LT
 RR SPIKE IN EAST FACE OF UTILITY POLE
 NORTH OF OLD ARCHER ROAD

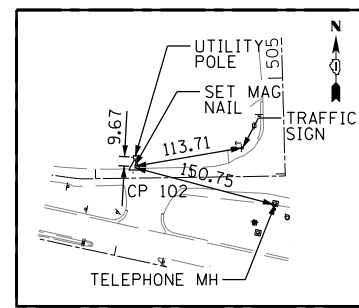


BENCHMARK No. 8720

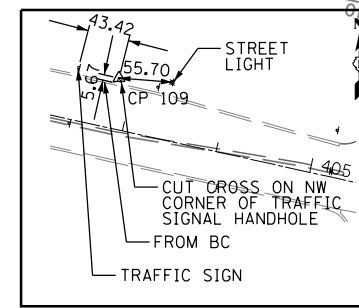
BM# 8720 ELEVATION 688.40
 N 1827910.71 E 1093613.22
 STA. 86+15.17 OFFSET 69.03' RT
 SQUARE CUT ON NE CORNER OF HH
 SE CORNER OF ARCHER ROAD & BELL RD



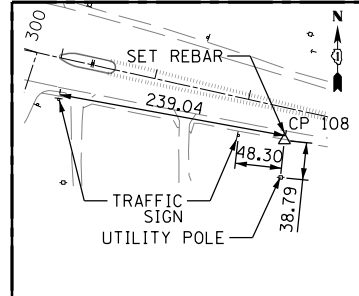
CONTROL PT No. 103



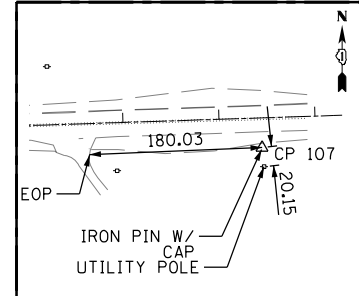
CONTROL PT No. 102



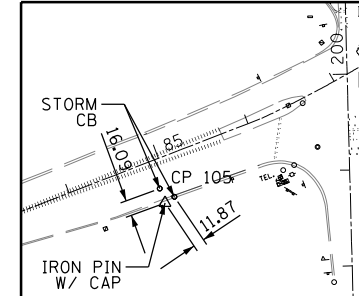
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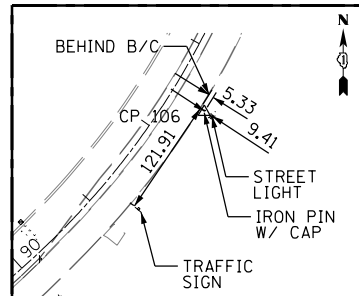
CONTROL PT No. 108



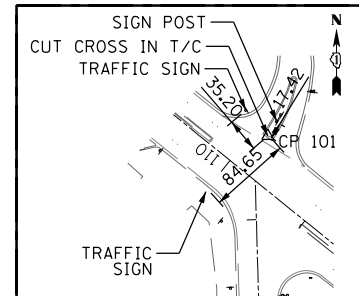
CONTROL PT No. 107



CONTROL PT No. 105



CONTROL PT No. 106



CONTROL PT No. 101

CP No.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	MARKER
CP100	115+65.19	46.46' LT	1830236.04	1093131.98	597.05	SET REBAR
CP101	109+85.63	44.52' RT	1829923.18	1093633.09	602.35	CROSS IN TOP OF CURB
CP102	393+01.02	94.88' LT	1829343.64	1093478.53	620.86	SET MAG NAIL
CP103	386+44.70	36.73' LT	1829351.35	1092806.66	625.10	SET REBAR
CP104	380+78.96	29.23' LT	1829333.02	1092241.16	622.18	SET REBAR
CP105	84+89.47	45.92' RT	1827886.01	1093485.58	690.41	IRON PIN W/ CAP
CP106	92+42.25	39.99' RT	1828350.61	1094094.70	662.33	IRON PIN W/ CAP
CP107	418+43.96	31.15' RT	1828866.56	1095962.61	651.16	IRON PIN W/ CAP
CP108	408+45.70	33.63' RT	1828885.91	1094959.50	644.04	SET REBAR
CP109	402+84.71	52.99' LT	1829091.63	1094430.45	639.32	CUT CROSS ON HANDHOLE

CONTROL POINTS

MULTIUSE PATH ALIGNMENT SHOWN ON SHEET NO. 40

NOTES

- CONTRACTOR WILL RE-ESTABLISH MONUMENT/CONTROL POINT AND FURNISH TIE SKETCHES TO DISTRICT 1 PLATS AND PLANS.
- ALL DIMENSIONS GIVEN IN FEET AND DECIMAL PARTS THEREOF.
- ALL COORDINATE VALUES ARE IN THE U.S. SURVEY FOOT UNITS.
- NO DIMENSIONS SHALL BE DERIVED FROM SCALE MEASUREMENT.

FILE NAME = D:\60Y25-sh-t-AT1.dgn



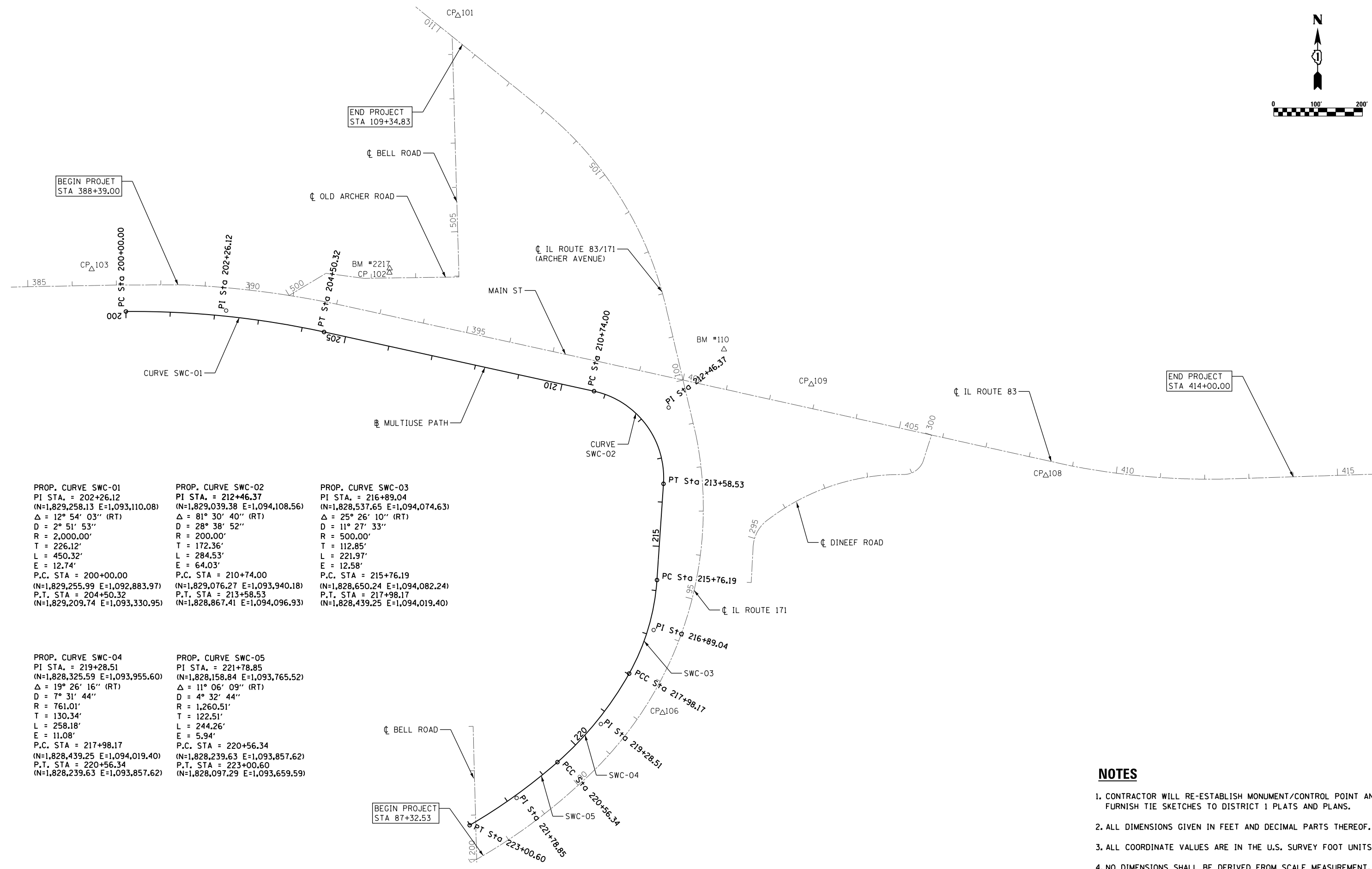
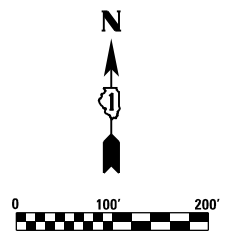
USER NAME = VALVAREZ	DESIGNED - FA	REVISED -
PLOT SCALE = 200.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE = 6/30/2017	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 39
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROP. CURVE SWC-01
 PI STA. = 202+26.12
 (N=1,829,258.13 E=1,093,110.08)
 $\Delta = 12^\circ 54' 03''$ (RT)
 D = 2° 51' 53"
 R = 2,000.00'
 T = 226.12'
 L = 450.32'
 E = 12.74'
 P.C. STA = 200+00.00
 (N=1,829,255.99 E=1,092,883.97)
 P.T. STA = 204+50.32
 (N=1,829,209.74 E=1,093,330.95)

PROP. CURVE SWC-02
 PI STA. = 212+46.37
 (N=1,829,039.38 E=1,094,108.56)
 $\Delta = 81^\circ 30' 40''$ (RT)
 D = 28° 38' 52"
 R = 200.00'
 T = 172.36'
 L = 284.53'
 E = 64.03'
 P.C. STA = 210+74.00
 (N=1,829,076.27 E=1,093,940.18)
 P.T. STA = 213+58.53
 (N=1,828,867.41 E=1,094,096.93)

PROP. CURVE SWC-03
 PI STA. = 216+89.04
 (N=1,828,537.65 E=1,094,074.63)
 $\Delta = 25^\circ 26' 10''$ (RT)
 D = 11° 27' 33"
 R = 500.00'
 T = 112.85'
 L = 221.97'
 E = 12.58'
 P.C. STA = 215+76.19
 (N=1,828,650.24 E=1,094,082.24)
 P.T. STA = 217+98.17
 (N=1,828,439.25 E=1,094,019.40)

PROP. CURVE SWC-04
 PI STA. = 219+28.51
 (N=1,828,325.59 E=1,093,955.60)
 $\Delta = 19^\circ 26' 16''$ (RT)
 D = 7° 31' 44"
 R = 761.01'
 T = 130.34'
 L = 258.18'
 E = 11.08'
 P.C. STA = 217+98.17
 (N=1,828,439.25 E=1,094,019.40)
 P.T. STA = 220+56.34
 (N=1,828,239.63 E=1,093,857.62)

PROP. CURVE SWC-05
 PI STA. = 221+78.85
 (N=1,828,158.84 E=1,093,765.52)
 $\Delta = 11^\circ 06' 09''$ (RT)
 D = 4° 32' 44"
 R = 1,260.51'
 T = 122.51'
 L = 244.26'
 E = 5.94'
 P.C. STA = 220+56.34
 (N=1,828,239.63 E=1,093,857.62)
 P.T. STA = 223+00.60
 (N=1,828,097.29 E=1,093,659.59)

NOTES

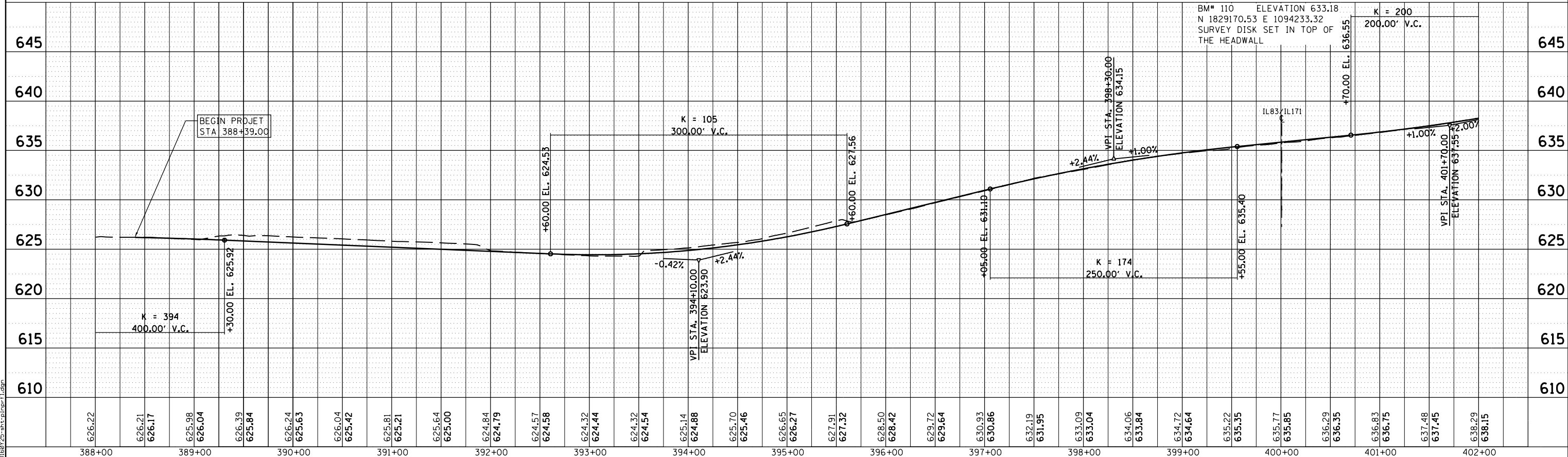
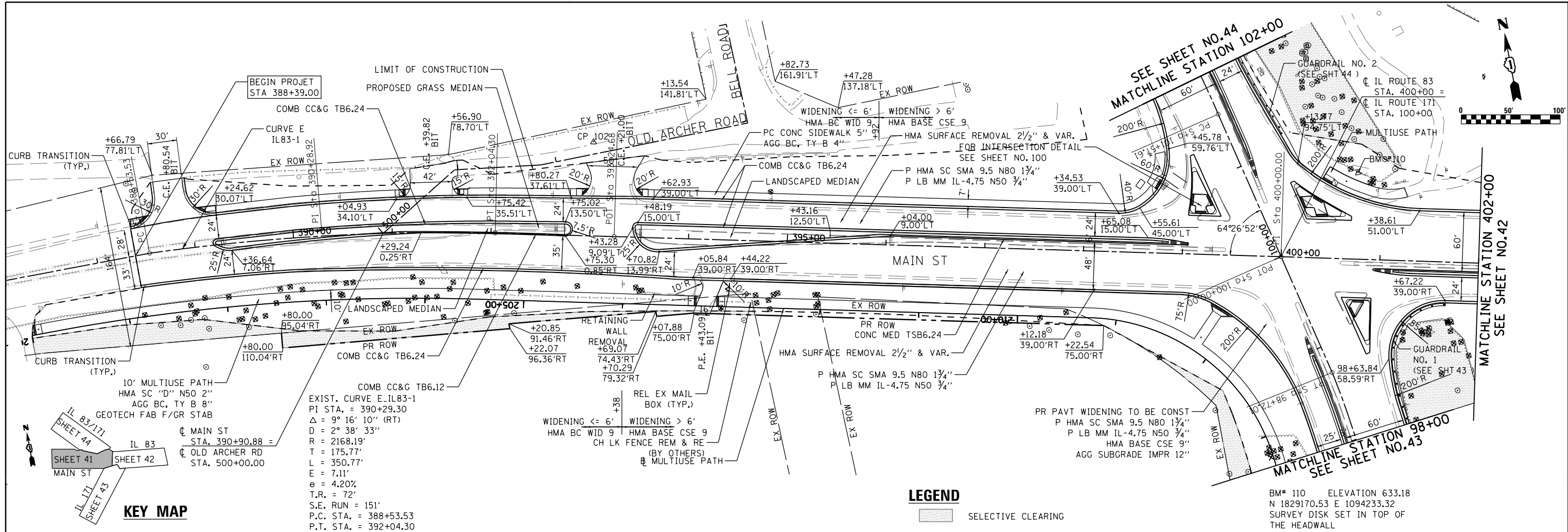
1. CONTRACTOR WILL RE-ESTABLISH MONUMENT/CONTROL POINT AND FURNISH TIE SKETCHES TO DISTRICT 1 PLATS AND PLANS.
2. ALL DIMENSIONS GIVEN IN FEET AND DECIMAL PARTS THEREOF.
3. ALL COORDINATE VALUES ARE IN THE U.S. SURVEY FOOT UNITS.
4. NO DIMENSIONS SHALL BE DERIVED FROM SCALE MEASUREMENT.

FILE NAME = D:\60Y25-sh1-ATB2.dgn

Rubinos & Mesa Engineers, Inc. 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2462	USER NAME = valvarez	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) MULTI USE PATH ALIGNMENT		F.A.P. RTE. = 344	SECTION = 3114-N(14)	COUNTY = COOK	TOTAL SHEETS = 225	SHEET NO. = 40
	PLOT SCALE = 200.0000' / in.	CHECKED - MF	REVISED -		SCALE: 1"=100'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 60Y25			
PLOT DATE = 8/19/2017	DATE = 6/30/2017	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	GRADES	NO.
	STRUCTURE	NOTATION
	FILE NAME	CPWD

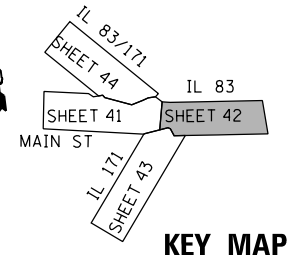
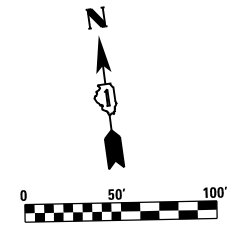
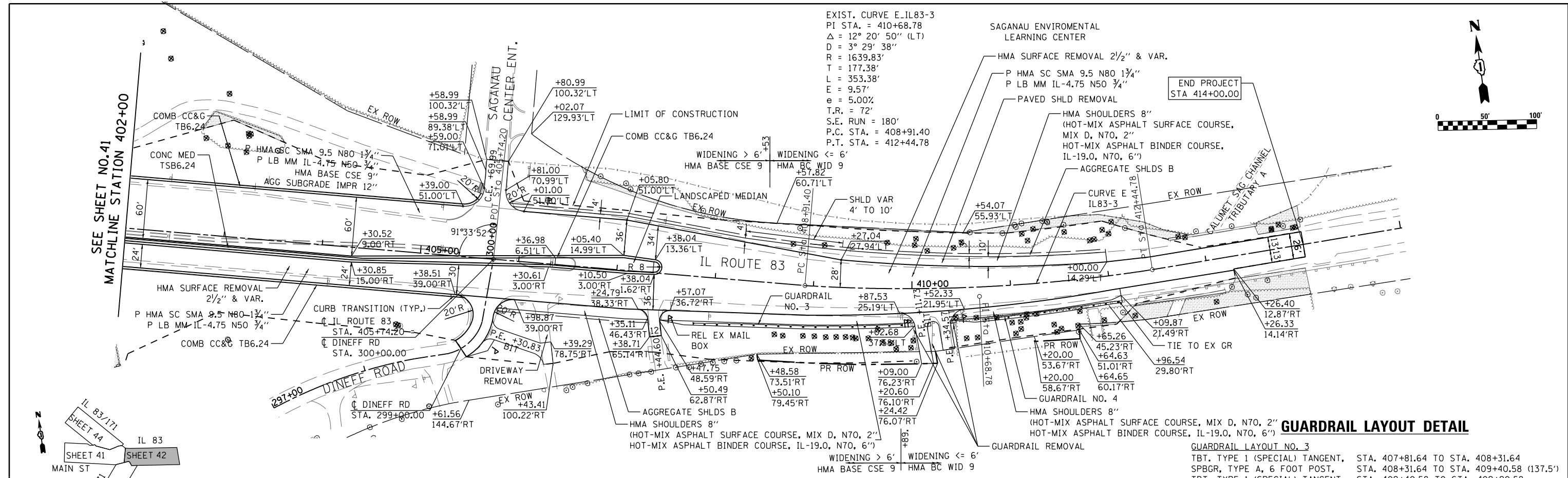
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	GRADES	CHECKED
	STRUCTURE	NOTATION
	FILE NAME	CPWD



RME Rubinos & Mesa Engineers, Inc. 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2462	USER NAME = VALVAREZ	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) PLAN & PROFILE	F.A.P. RTE. = 344	SECTION = 3114-N(14)	COUNTY = COOK	TOTAL SHEETS = 225	SHEET NO. = 41
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -			SCALE: 1"=50'	SHEET NO. 1 OF 4 SHEETS	STA. 388+00.00 TO STA. 402+00.00	CONTRACT NO. 60Y25	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. 1		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHKD		
	NO. 1		

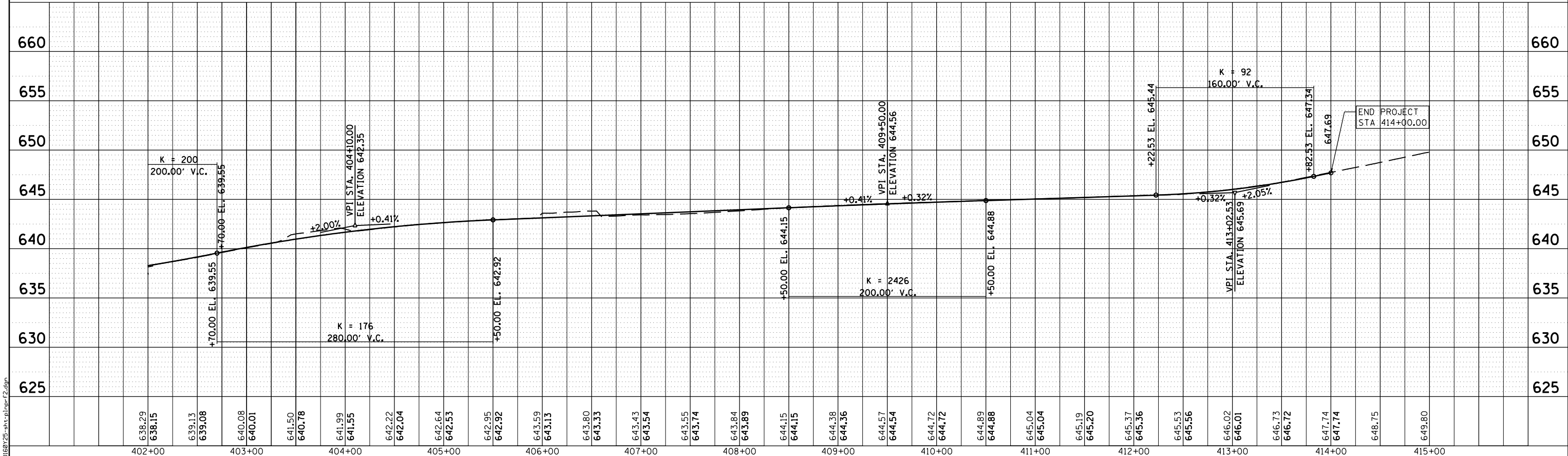


KEY MAP

GUARDRAIL LAYOUT DETAIL

LEGEND

- SELECTIVE CLEARING
- GUARDRAIL LAYOUT NO. 3
TBT, TYPE 1 (SPECIAL) TANGENT, STA. 407+81.64 TO STA. 408+31.64
SPBGR, TYPE A, 6 FOOT POST, STA. 408+31.64 TO STA. 409+40.58 (137.5')
TBT, TYPE 1 (SPECIAL) TANGENT, STA. 409+40.58 TO STA. 409+90.58
- GUARDRAIL LAYOUT NO. 4
TBT, TYPE 1 (SPECIAL) TANGENT, STA. 410+72.80 TO STA. 411+22.80
SPBGR, TYPE A, 6 FOOT POST, STA. 411+22.80 TO STA. 412+07.04 (100')



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USER NAME = Valvarez	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 1/8" = 1'-0"	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 2/1/2017	REVISED -

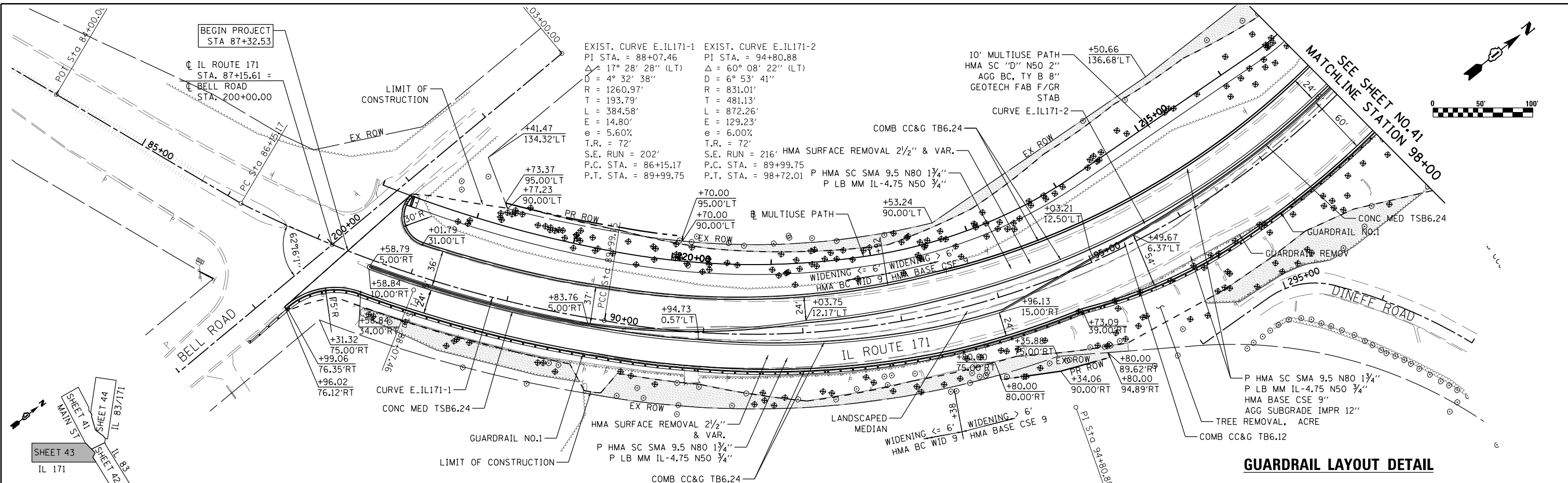
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)		
PLAN & PROFILE		
SCALE: 1"=50'	SHEET NO. 2 OF 4 SHEETS	STA. 402+00.00 TO STA. 415+00.00

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 42
CONTRACT NO. 60Y25				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	FILED	NO.
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATIONS
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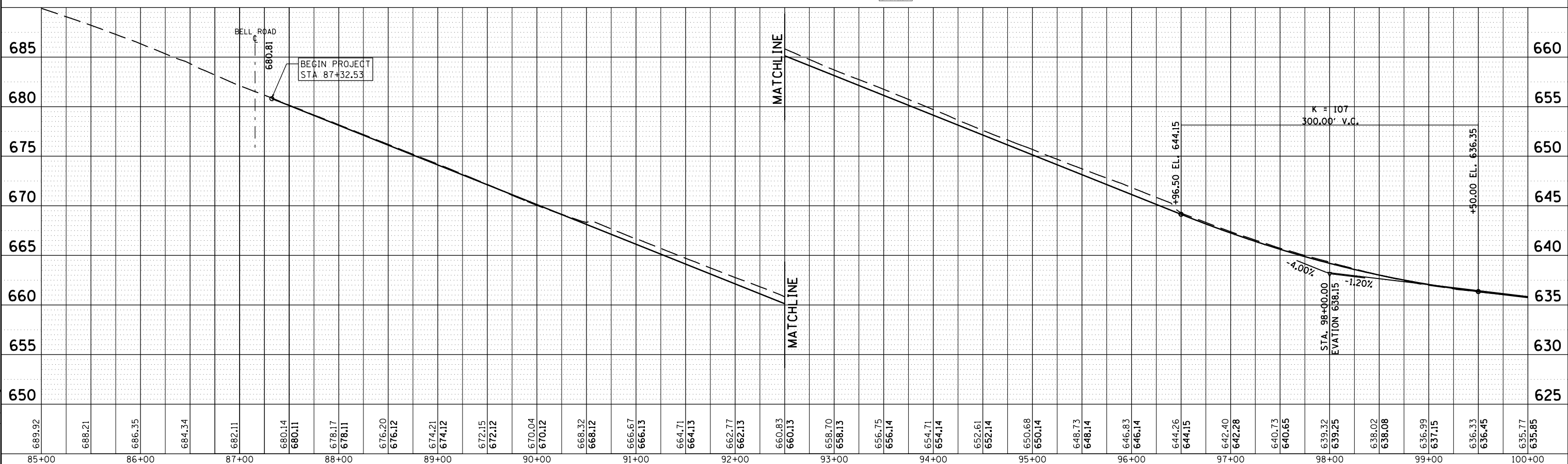


GUARDRAIL LAYOUT DETAIL

GUARDRAIL LAYOUT NO. 1
 TBT, TYPE 1 (SPECIAL) TANGENT, STA. 86+79.50 TO STA. 86+99.06
 SPBGR, TYPE A, 6 FOOT POST, STA. 86+99.06 TO STA. 401+54.96 (1325')
 TBT, TYPE 2 STA. 401+54.96 TO STA. 401+67.37

LEGEND

SELECTIVE CLEARING



85+00	86+00	87+00	88+00	89+00	90+00	91+00	92+00	93+00	94+00	95+00	96+00	97+00	98+00	99+00	100+00																																									
689.92	688.21	686.35	684.34	682.11	680.14	680.11	678.17	678.11	676.20	676.12	674.21	674.12	672.15	672.12	670.04	670.12	668.32	668.12	666.67	666.13	664.71	664.13	662.77	662.13	660.83	660.13	658.70	658.13	656.75	656.14	654.71	654.14	652.61	652.14	650.68	650.14	648.73	648.14	646.83	646.14	644.26	644.15	642.40	642.28	640.73	640.65	639.32	639.25	638.02	638.08	636.99	637.15	636.33	636.45	635.77	635.85

RME Rubinos & Meola Engineers, Inc.
 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482

USER NAME = VALVAREZ	DESIGNED - FA	REVISED -
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	CHECKED - MF	REVISED -
	DATE - 2/1/2017	REVISED -

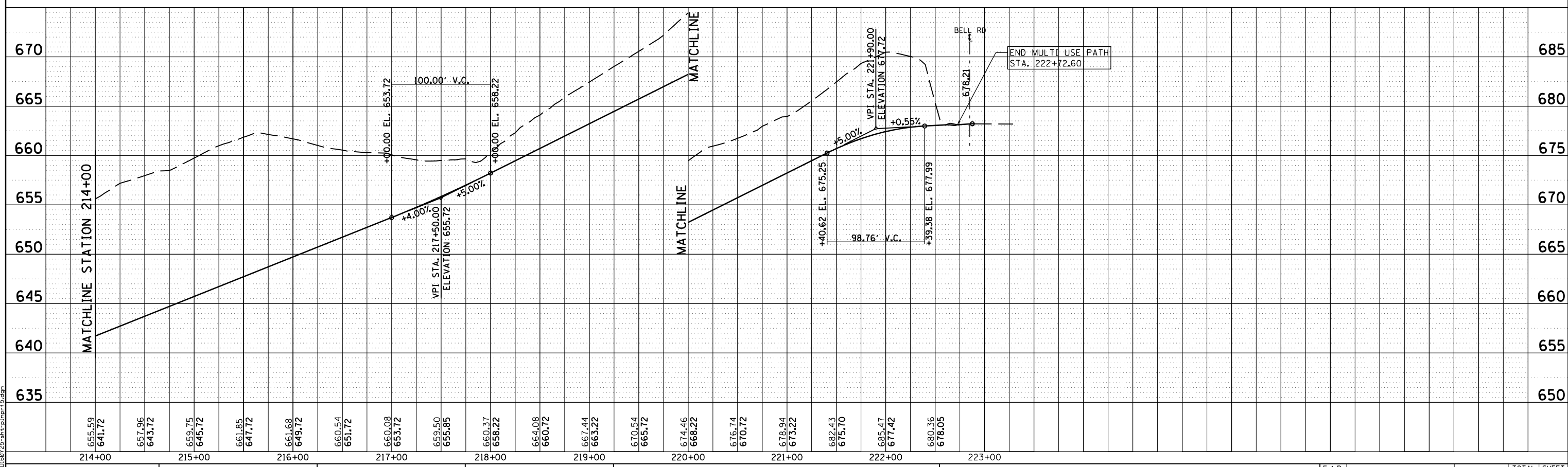
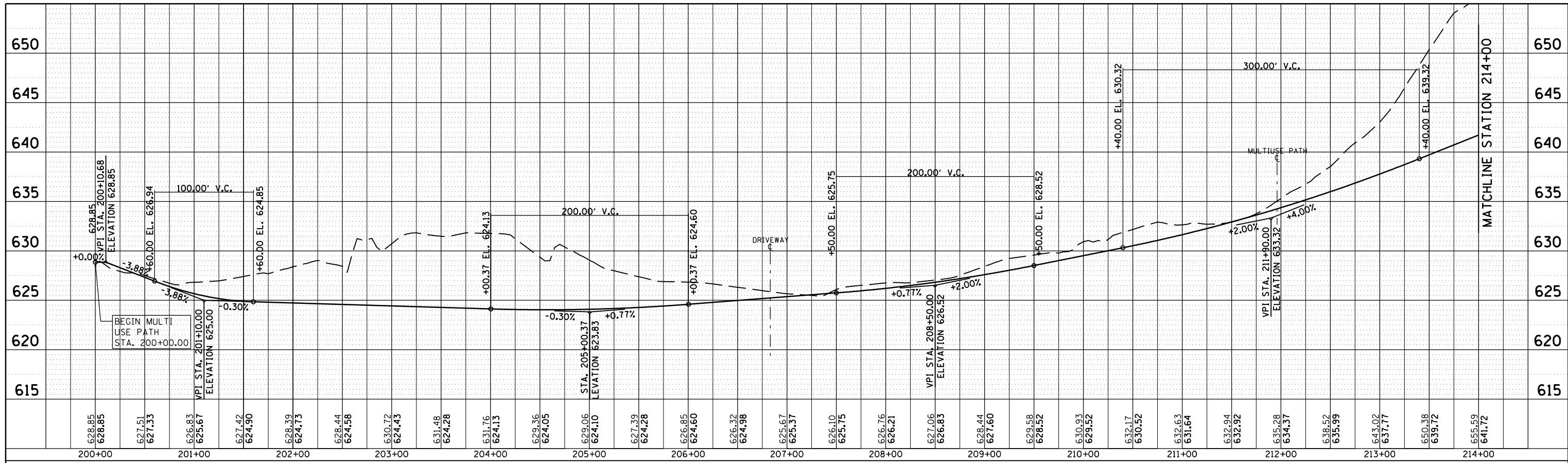
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
PLAN & PROFILE
 SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 87+32.53 TO STA. 100+00.00

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 43
CONTRACT NO. 60Y25				ILLINOIS FED. AID PROJECT

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

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



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USER NAME =	VAIVAREZ
DESIGNED -	FA
DRAWN -	VEA
CHECKED -	MF
DATE -	2/1/2017

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REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
MULTIUSED PATH PROFILE

SCALE: 1"=50'(H); 1"=5'(V) SHEET NO. 1 OF 1 SHEETS STA. 200+00.00 TO STA. 222+87.72

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	45
CONTRACT NO. 60Y25				
ILLINOIS FED. AID PROJECT				

SEQUENCE OF OPERATION

PRE-STAGE CONSTRUCTION:

- 1) INSTALL TEMPORARY TRAFFIC SIGNAL.
- 2) REMOVE EXISTING TRAFFIC SIGNAL.
- 3) INSTALL TEMPORARY ROADWAY LIGHTING.
- 4) INSTALL ADVANCED SIGN ON PERMANENT POST.
- 5) PORTABLE CHANGEABLE MESSAGE SIGN TO BE INSTALLED ON ALL LEGS PRIOR TO THE STAGE 1.

TRAFFIC:

- 1) MAINTAIN EXISTING TRAFFIC FLOW ON IL 83 AND IL171 DURING REMOVAL AND INSTALLATION OF TEMPORARY TRAFFIC SIGNAL AND LIGHTING. TEMPORARY TRAFFIC SIGNAL AND ROADWAY LIGHTING WORK TO BE PERFORMED BY TEMPORARY LANE CLOSURE.

STAGE 1 CONSTRUCTION:

- 1) REMOVE EXISTING MEDIAN AND REPLACE WITH TEMPORARY PAVEMENT ALONG IL83 AND IL171.
 - A. REMOVE MEDIAN AND REPLACE WITH TEMPORARY PAVEMENT (MAIN ST- IL 83)
 - B. REMOVE MEDIAN AND REPLACE WITH TEMPORARY PAVEMENT (IL 171)
 - C. REMOVE MEDIAN AND REPLACE WITH TEMPORARY PAVEMENT (INTERSECTION ISLANDS)
- 2) CONSTRUCT HEAVY DUTY HANDHOLE IN SOUTHBOUND IL 171 LEFT TURN LANE AT BELL ROAD.
- 3) INSTALL TEMPORARY PAVEMENT MARKING TO BE USED IN STAGE 1.
- 4) INSTALL TRAFFIC CONTROL DEVICES AND SHIFT THE TRAFFIC PER STAGE 1.
- 5) EXISTING DRAINAGE STRUCTURES AND STORM SEWER AT NORTH OF BELL ROAD TO BE CLEANED.
- 6) CONSTRUCT STORM SEWER AT THE NORTHWEST CORNER OF BELL ROAD AND IL83/IL171.
- 7) CONSTRUCT STORM SEWER ALONG SOUTH SIDE OF MAIN STREET AND CONSTRUCT 60 INCH CULVERT EXTENSION IN SOUTHEAST CORNER OF IL 171/IL 83.
- 8) CONSTRUCT DRAINAGE STRUCTURES AND SEWER LATERALS.
- 9) PAVEMENT WIDENING AND RE-GRADING OF DITCHES ON THE WEST SIDE OF IL171
- 10) PAVEMENT WIDENING AND RE-GRADING OF DITCHES ON THE BOTH SIDES OF MAIN STREET AND IL 83.
- 11) CONSTRUCT NORTHWEST ISLAND IN IL 171/IL 83 INTERSECTION.
- 12) PROVIDE A TEMPORARY WEDGE AT LOCATIONS WHERE DROP-OFF IS 2½" OR MORE BETWEEN EXISTING SURFACE AND NEWLY CONSTRUCTED BASE COURSE.

TRAFFIC:

- 1) FOR MEDIAN REMOVAL AND REPLACE WITH TEMPORARY PAVEMENT, TRAFFIC TO BE MAINTAINED AS FOLLOWS:
 - A. MAIN STREET EASTBOUND LEFT TURN LANE TO BE CLOSED BY UTILIZING HIGHWAY STANDARD 701701 DURING OFF PEAK HOUR.
 - B. MAIN STREET WESTBOUND LEFT LANE TO BE CLOSED BY UTILIZING HIGHWAY STANDARD 701601 DURING OFF PEAK HOUR.
 - C. AFTER COMPLETION OF REPLACEMENT WORK, UTILIZED IDOT DISTRICT ONE STANDARD DETAIL TC-14 TO MAINTAIN THE LEFT TURN TRAFFIC.
- 2) DO NOT WORK ON ALL LEGS SIMULTANEOUSLY.
- 3) TRAFFIC TO BE MAINTAINED ON ALL LEGS SIMILAR TO THE MAIN STREET DURING CONSTRUCTION.
- 4) ALONG IL 171 SHIFT TRAFFIC TO THE EAST AND PROVIDE TWO LANES IN EACH DIRECTION WITH A LEFT TURN LANE, ALL LANES ARE 11 FEET WIDE.
- 5) ALONG MAIN STREET SHIFT TRAFFIC TO THE CENTER AND IN THE EASTBOUND DIRECTION PROVIDE A THROUGH LANE AND A LEFT TURN LANE.
- 6) ALONG IL 83 SHIFT TRAFFIC TO THE CENTER AND IN THE WESTBOUND DIRECTION PROVIDE A RIGHT TURN LANE (247 FEET LONG), A THROUGH LANE AND A LEFT TURN LANE.

STAGE 2 CONSTRUCTION:

- 1) WIDENING AND RE-GRADING OF DITCHES ON THE EAST SIDE OF IL 171.
- 2) CONTINUE WORKING ON THE REMAINING ITEMS OF STAGE 1.
- 3) CONSTRUCT NORTHEAST AND SOUTHEAST ISLANDS IN IL 171/IL 83 INTERSECTION.

TRAFFIC:

- 1) ALONG IL 171 SHIFT TRAFFIC TO THE WEST AND PROVIDE TWO LANES IN EACH DIRECTION WITH A LEFT TURN LANE, ALL LANE WIDTHS 11 FEET.
- 2) TRAFFIC ALONG MAIN STREET AND IL83 TO REMAIN SAME AS IN STAGE 1. EXCEPT ADD EASTBOUND RIGHT TURN LANE AT MAIN STREET.

STAGE 3 CONSTRUCTION:

- 1) CONSTRUCT MEDIAN ON IL 171 AND IL 83.

TRAFFIC:

- 1) SHIFT TRAFFIC ON THE OUTER LANES ON IL 83. ALSO, MAINTAIN SINGLE THROUGH LANE AND LEFT TURN LANE.
- 2) ON IL ROUTE 171 MAINTAINED TWO THROUGH ONE LEFT TURN AND ONE RIGHT TURN LANE DURING PEAK HOURS. TRAFFIC CONTROL DEVICES SUCH AS DRUMS AND BARRICADES TO BE REMOVED FROM THE PAVEMENT.
- 3) ONE THROUGH LANE TO BE MAINTAINED ON IL 171 DURING OFF PEAK HOURS WHILE MEDIAN CONSTRUCTION AS SHOWN ON PLAN.

STAGE 4 CONSTRUCTION:

- 1) MILLING EXISTING SURFACE COURSE.
- 2) INSTALL LEVELING BINDER AND SURFACE COURSE.
- 3) INSTALL PAVEMENT MARKING.

TRAFFIC:

- 1) TRAFFIC TO BE MAINTAINED SAME AS STAGE 3.
- 2) STAGE 4 WORK REQUIRES ADDITIONAL WORKZONE AND MUST BE COMPLETED BY TEMPORARY LANE CLOSURE.
- 3) AFTER INSTALLATION OF PAVEMENT MARKING THE TRAFFIC WILL BE ON THE FINAL CONDITION (SOUTHBOUND IL 171 2 THRU, 2 LEFT AND 1 RIGHT TURN LANE, NORTHBOUND IL 171 2 THRU, 2 LEFT AND 1 RIGHT TURN LANE, WESTBOUND IL 83 2 THRU, 2 LEFT AND 1 RIGHT TURN LANE, AND EASTBOUND MAIN STREET 2 THRU, 2 LEFT TURN AND A RIGHT SHARED LANE.)

WINTER SHUTDOWN TRAFFIC:

- 1) TRAFFIC TO BE MAINTAINED SAME AS PROPOSED CONDITION.

SPRING WORK CONSTRUCTION:

- 1) INSTALLATION OF TRAFFIC SIGNAL AND ROADWAY LIGHTING.
- 2) COMPLETE THE LANDSCAPING.

TRAFFIC:

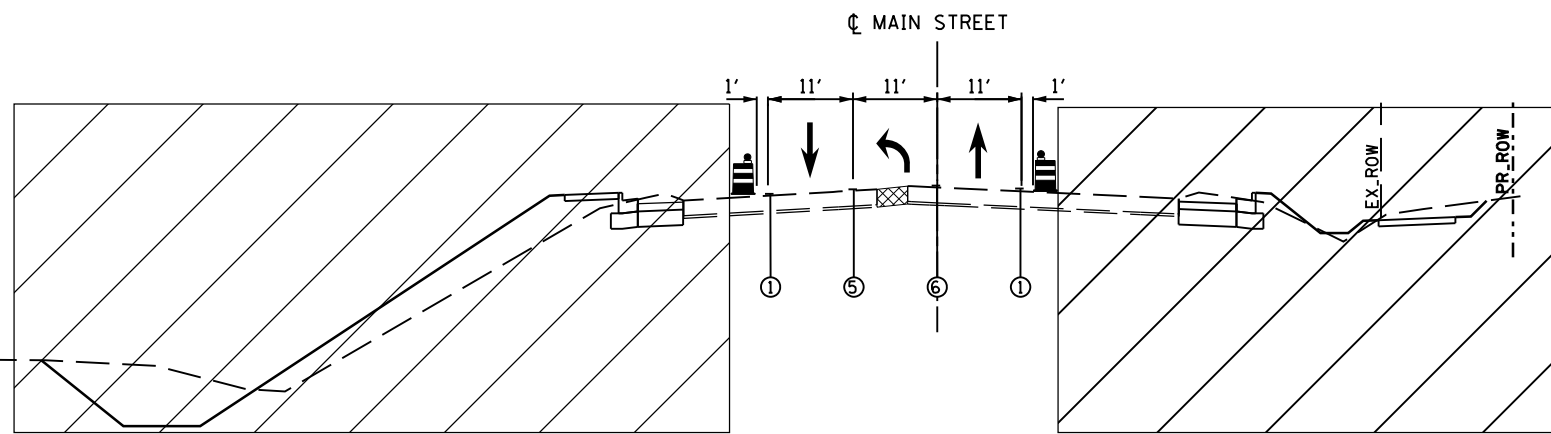
- 1) TRAFFIC TO BE MAINTAINED SAME AS PROPOSED CONDITION. WORK TO BE PERFORMED BY TEMPORARY LANE CLOSURE.

GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF TWO 11' THRU LANES IN EACH DIRECTION FOR TWO-WAY TRAFFIC FLOW UNLESS OTHERWISE SPECIFIED. A MINIMUM OF 3' SHALL BE MAINTAINED AT ALL TIMES BETWEEN TRAFFIC AND CONSTRUCTION UNLESS OTHERWISE NOTED IN THE PLANS.
2. THE CONTRACTOR SHALL MAINTAIN ALL THE DRIVEWAYS DURING CONSTRUCTION ACCORDING TO THE IDOT DISTRICT ONE STANDARD DETAIL TC-26.
3. THE CONTRACTOR SHALL MAINTAIN MULTIUSE PATH ALL THE TIME DURING CONSTRUCTION ACCORDING TO THE IDOT STANDARD.
4. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
6. DRUMS OR TYPE II BARRICADES AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONODIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AT 50' INTERVALS ALONG THE PROPOSED CONSTRUCTION WORK ZONE. AT 20' INTERVALS IN CURVES AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. TYPE II BARRICADES SHALL HAVE A MINIMUM REFLECTORIZED AREA OF 288 SQUARE INCHES. TYPE II BARRICADES, 2' IN WIDTH SHALL BE USED IN ALL STAGES OF CONSTRUCTION.
7. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.
8. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR 1 PLACEMENT AND 3 REPLACEMENTS HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO 7 DAYS OF SERVICE OR REPLACEMENT AFTER THE THIRD REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
9. THE CONTRACTOR SHALL PLACE "CAUTION NEW LANE OPEN STOP HERE" SIGN AT ALL NEWLY CONSTRUCTED DRIVEWAYS AND SIDE STREETS PRIOR TO SWITCHING THE TRAFFIC.
10. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, ILLINOIS SUPPLEMENT TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ROADWAY DRAINAGE DURING ALL STAGES OF CONSTRUCTION.
12. THE CONTRACTOR SHALL MAINTAIN EXISTING, TEMPORARY AND PROPOSED ROADWAY LIGHTING DURING THE DURATION OF THE PROJECT.
13. EXISTING SIGN MOUNTED ON EXISTING TRAFFIC SIGNAL AND EXISTING LIGHT POLES TO BE RELOCATED AS SHOWN ON THE SIGNING PLAN.
14. PAVEMENT MARKING TAPE REMOVAL TO BE PAID AS TEMPORARY PAVEMENT MARKING REMOVAL. EXISTING PAVEMENT MARKING REMOVAL ON FINAL SURFACE COURSE AND EXISTING SURFACE COURSE TO REMAIN TO BE PAID AS PAVEMENT MARKING REMOVAL - WATER BLASTING. ALL OTHER PAVEMENT MARKING REMOVAL TO BE PAID AS PAVEMENT MARKING REMOVAL - GRINDING.

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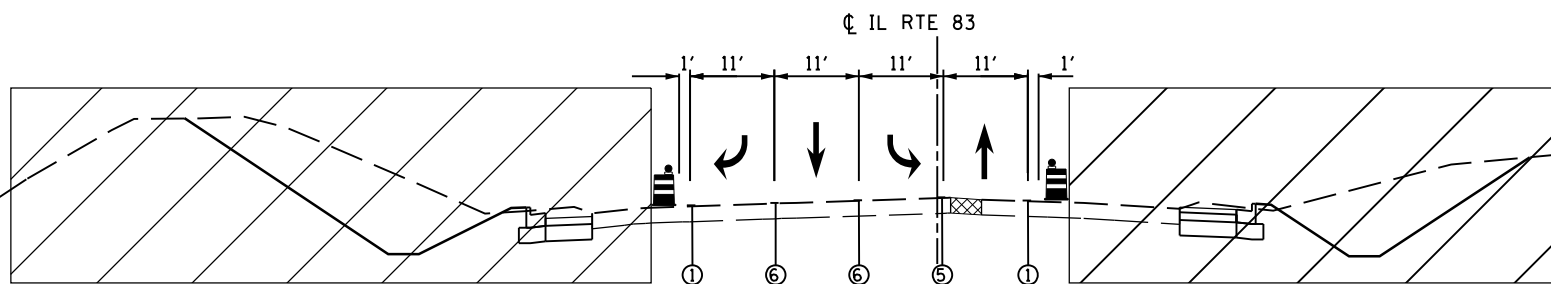
RME <small>Rubinos & Mesa Engineers, Inc. 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2462</small>	USER NAME = valvarez	DESIGNED - FA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL - NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -			344	3114-N(14)	COOK	225	46
PLOT DATE = 8/19/2017	DATE = 6/30/2017	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 60Y25				



STAGE 1 TYPICAL SECTION

MAIN STREET

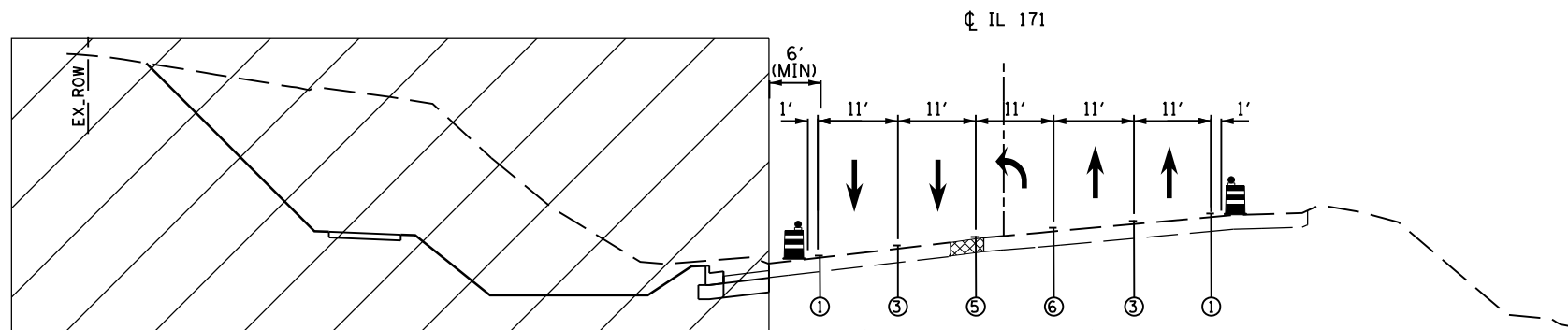
LOOKING EAST



STAGE 1 TYPICAL SECTION

IL RTE 83

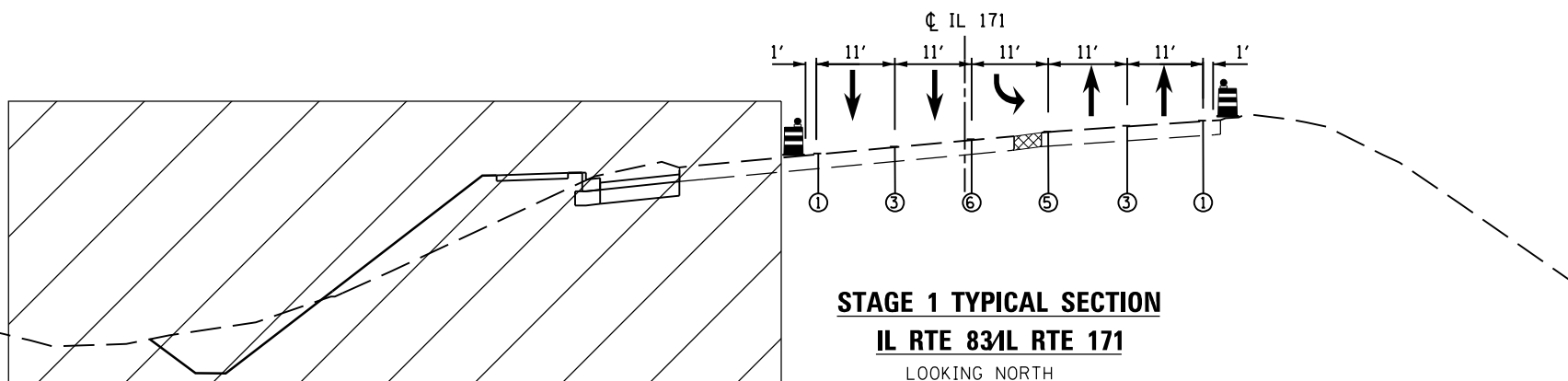
LOOKING EAST



STAGE 1 TYPICAL SECTION

IL RTE 171

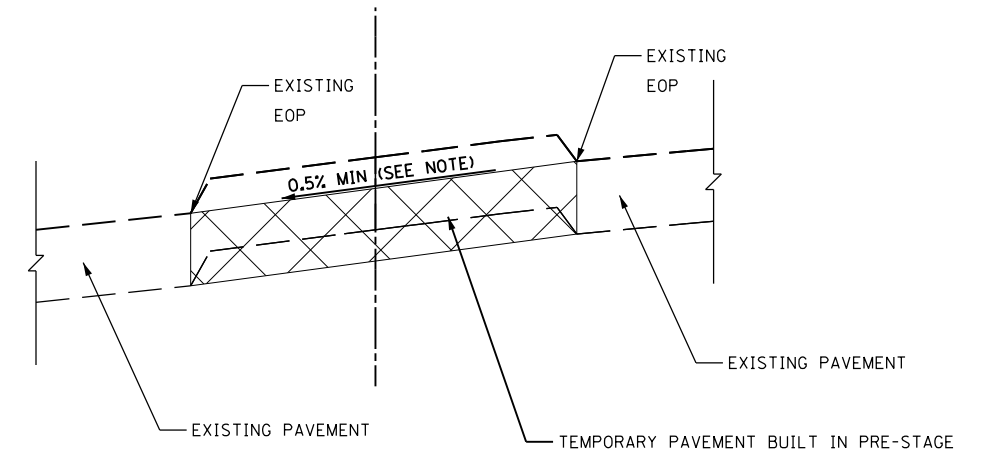
LOOKING NORTH



STAGE 1 TYPICAL SECTION

IL RTE 83/IL RTE 171

LOOKING NORTH



TEMPORARY PAVEMENT DETAIL

NOTE:
THE TEMPORARY PAVEMENT CROSS SLOPE SHALL BE AT A MINIMUM OF 0.5%, DEPENDING ON THE LOCATION OF THE TEMPORARY PAVEMENT, IT WILL BE SLOPED TO FLOW TOWARDS THE EDGE OF PAVEMENT OR CROWNED IN THE MIDDLE TO ACHIEVE A MINIMUM SLOPE OF 0.5%.

TEMPORARY PAVEMENT DESIGN:

OPTION 1:

10" FULL DEPTH TEMPORARY HMA PAVEMENT
(HMA BINDER COURSE, IL-19.0, N50), 10"
SUBBASE GRANULAR MATERIAL TYPE B, 4"

OPTION 2:




8" TEMPORARY PCC PAVEMENT
SUBBASE GRANULAR MATERIAL TYPE B, 4"

TEMPORARY PAVEMENT HMA OR PCC, PAID AS Z0062456
SUBBASE GRANULAR MATERIAL TYPE B, PAID AS 31101200

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, 10"	4% @ 50 GYR	QCP

LEGEND

-  WORK ZONE
-  TEMPORARY PAVEMENT
-  DRUM OR TYPE II BARRICADE WITH STEADY BURN LIGHT
- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ EXISTING PAVEMENT MARKING

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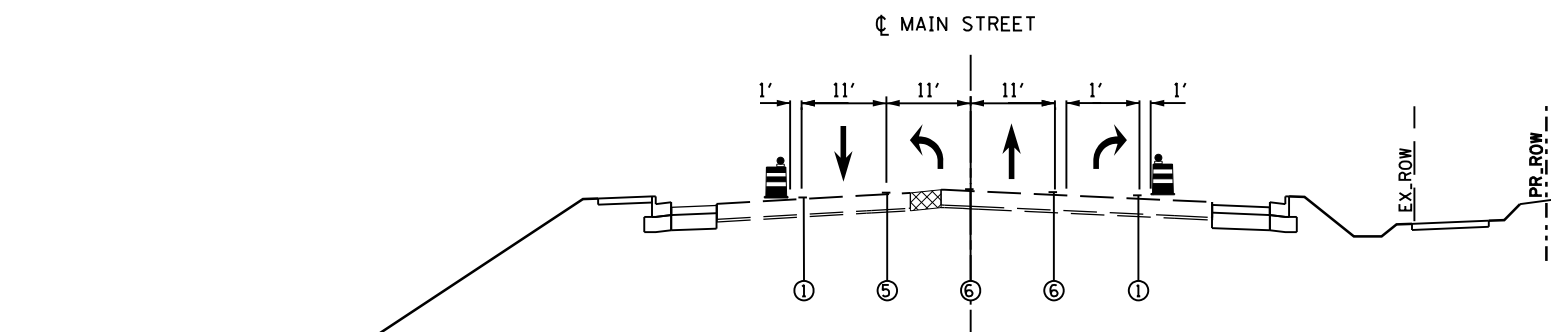
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	DRAWN - VEA	REVISED -
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PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

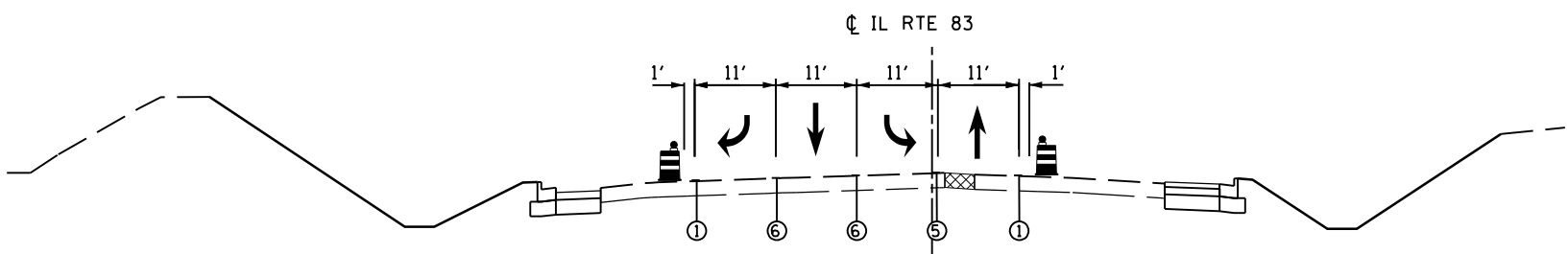
**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL - TYPICALS**

SCALE: NTS SHEET NO. 1 OF 3 SHEETS STA. TO STA.

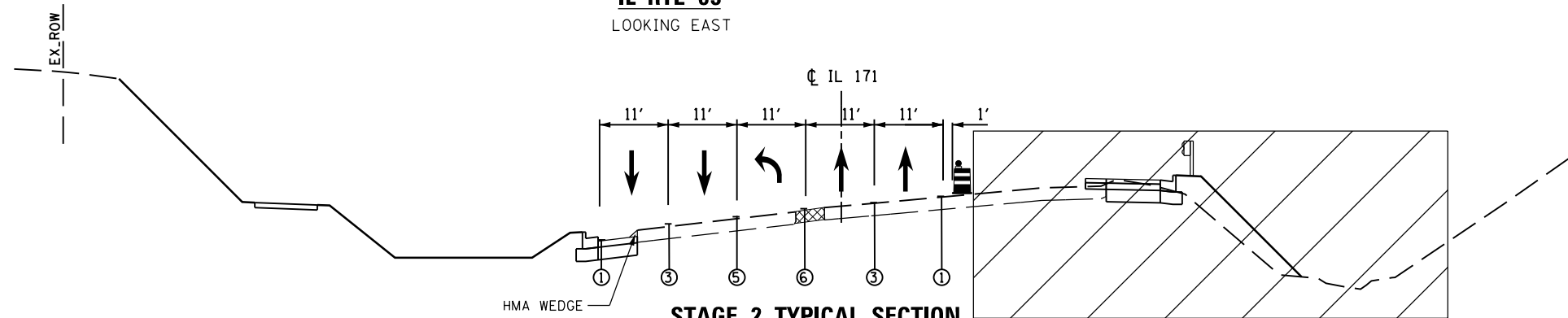
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	47
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



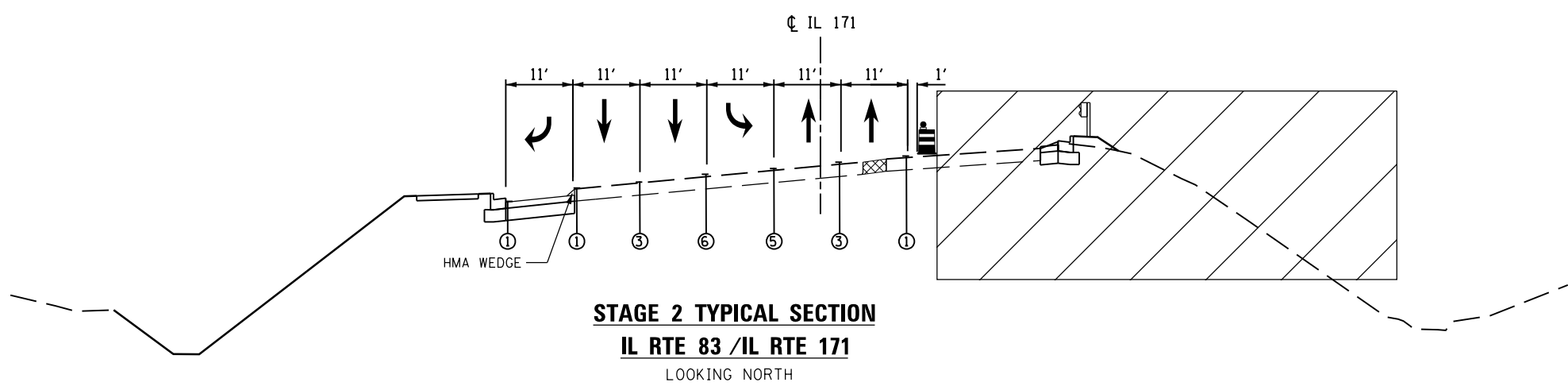
STAGE 2 TYPICAL SECTION
MAIN STREET
LOOKING EAST



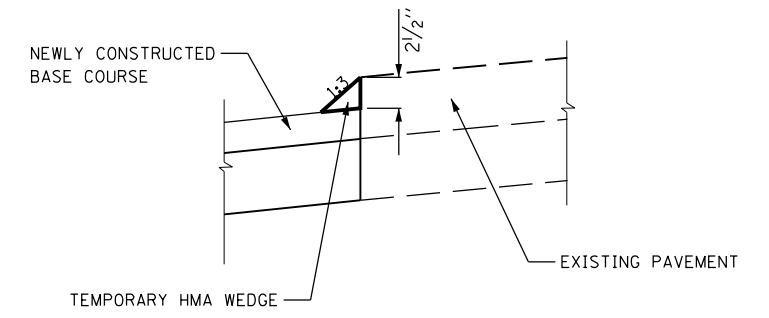
STAGE 2 TYPICAL SECTION
IL RTE 83
LOOKING EAST






STAGE 2 TYPICAL SECTION
IL RTE 171
LOOKING NORTH



STAGE 2 TYPICAL SECTION
IL RTE 83 / IL RTE 171
LOOKING NORTH



TEMPORARY HMA WEDGE DETAIL
CONSTRUCT WITH HMA BASE CSE
REMOVAL PAID AS SURF REM

- LEGEND**
-  WORK ZONE
 -  TEMPORARY PAVEMENT
 -  DRUM OR TYPE II BARRICADE WITH STEADY BURN LIGHT
 - ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
 - ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
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 - ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
 - ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
 - ⑨ EXISTING PAVEMENT MARKING

FILE NAME = D:\60Y25-shrt-staging\typical.dgn

RME Rubinos & Mesa Engineers, Inc.
200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482

USER NAME = valvarez	DESIGNED - FA	REVISED -
DRAWN - VEA	REVISOR -	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

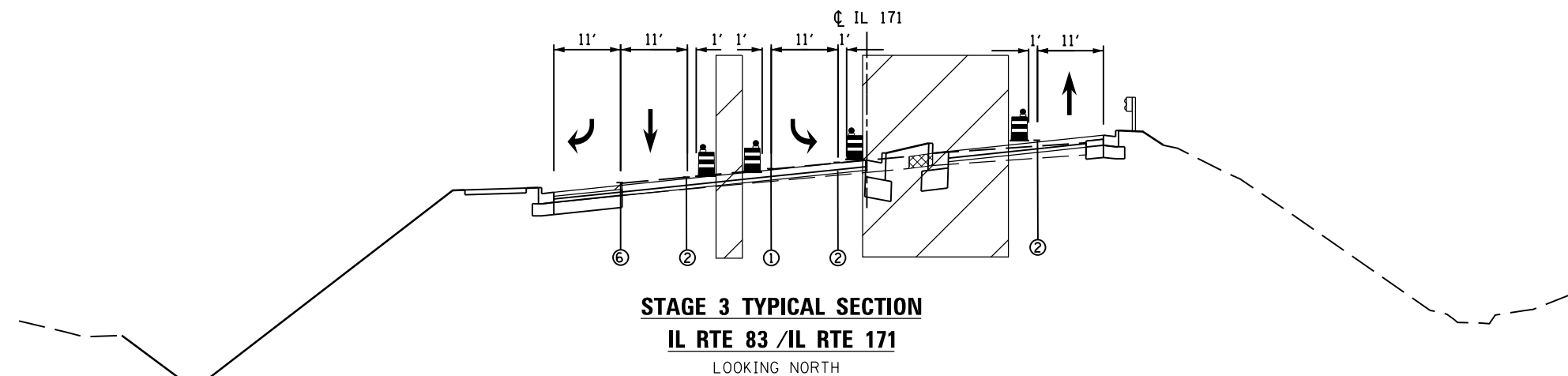
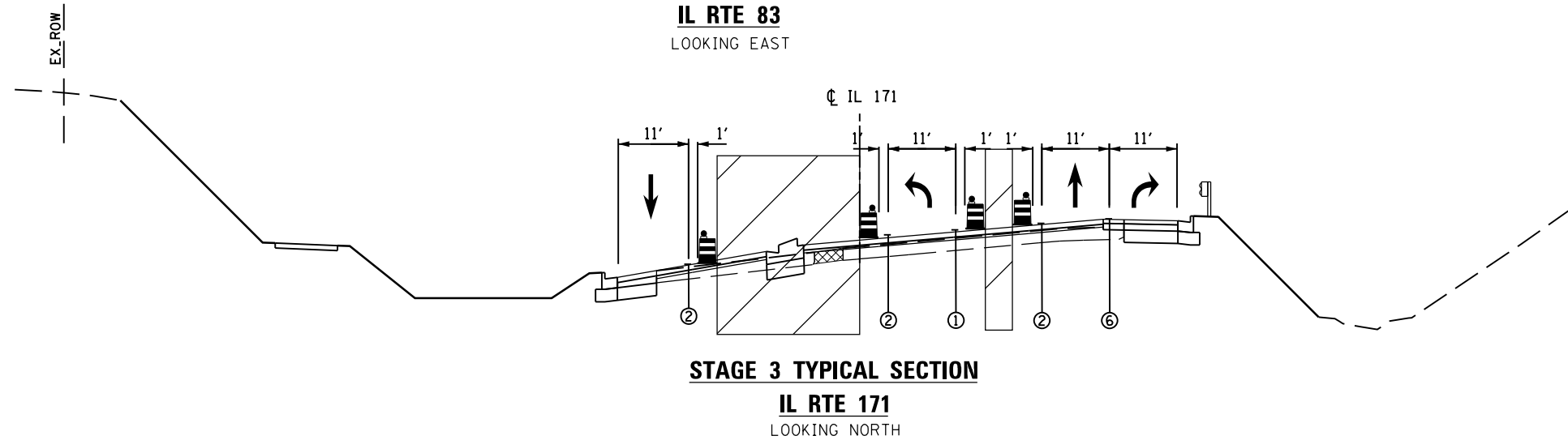
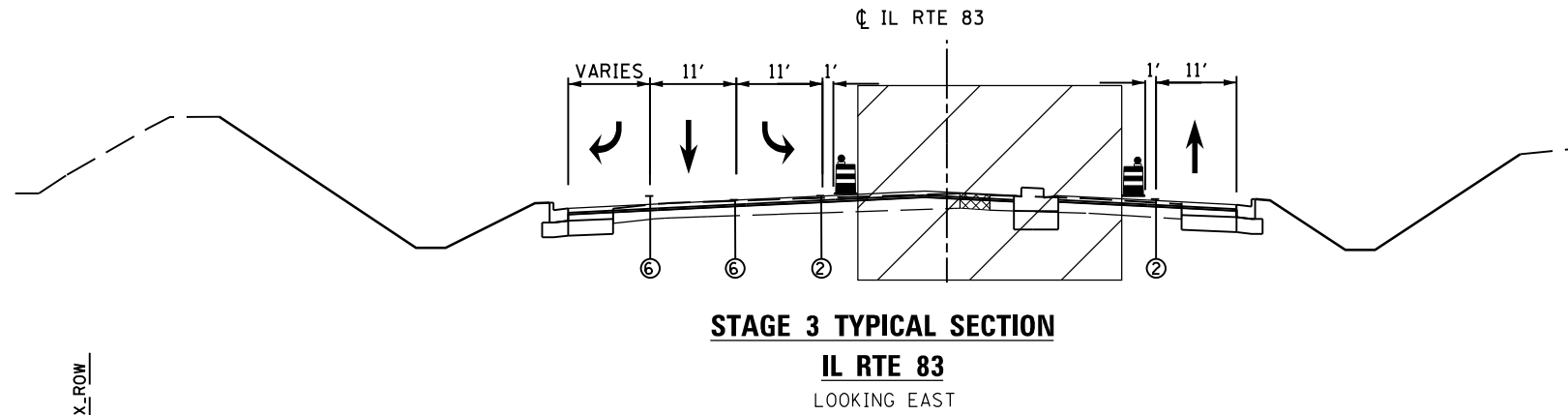
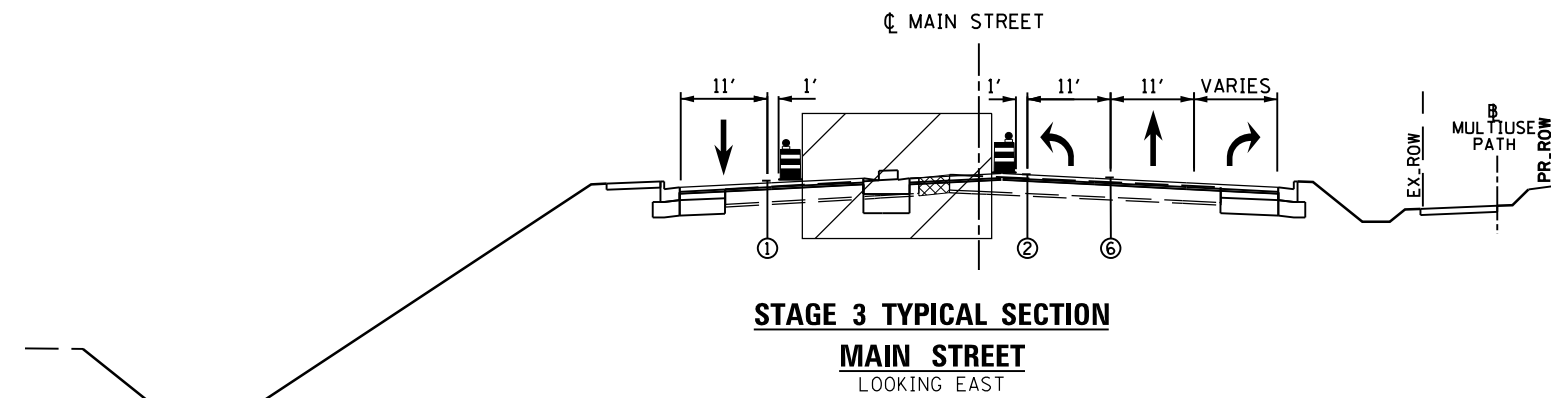
IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL - TYPICALS

SCALE: NTS SHEET NO. 2 OF 3 SHEETS STA. TO STA.




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	48
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

WINTER SHUTDOWN

PAVEMENT MARKING AND TRAFFIC TO BE SAME AS PROPOSED CONDITION. FOR DETAIL SEE PAVEMENT MARKING PLANS.



LEGEND

-  WORK ZONE
-  TEMPORARY PAVEMENT
-  DRUM OR TYPE II BARRICADE WITH STEADY BURN LIGHT
- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ EXISTING PAVEMENT MARKING

FILE NAME = D:\60Y25-sh-t-staging\typical.dgn



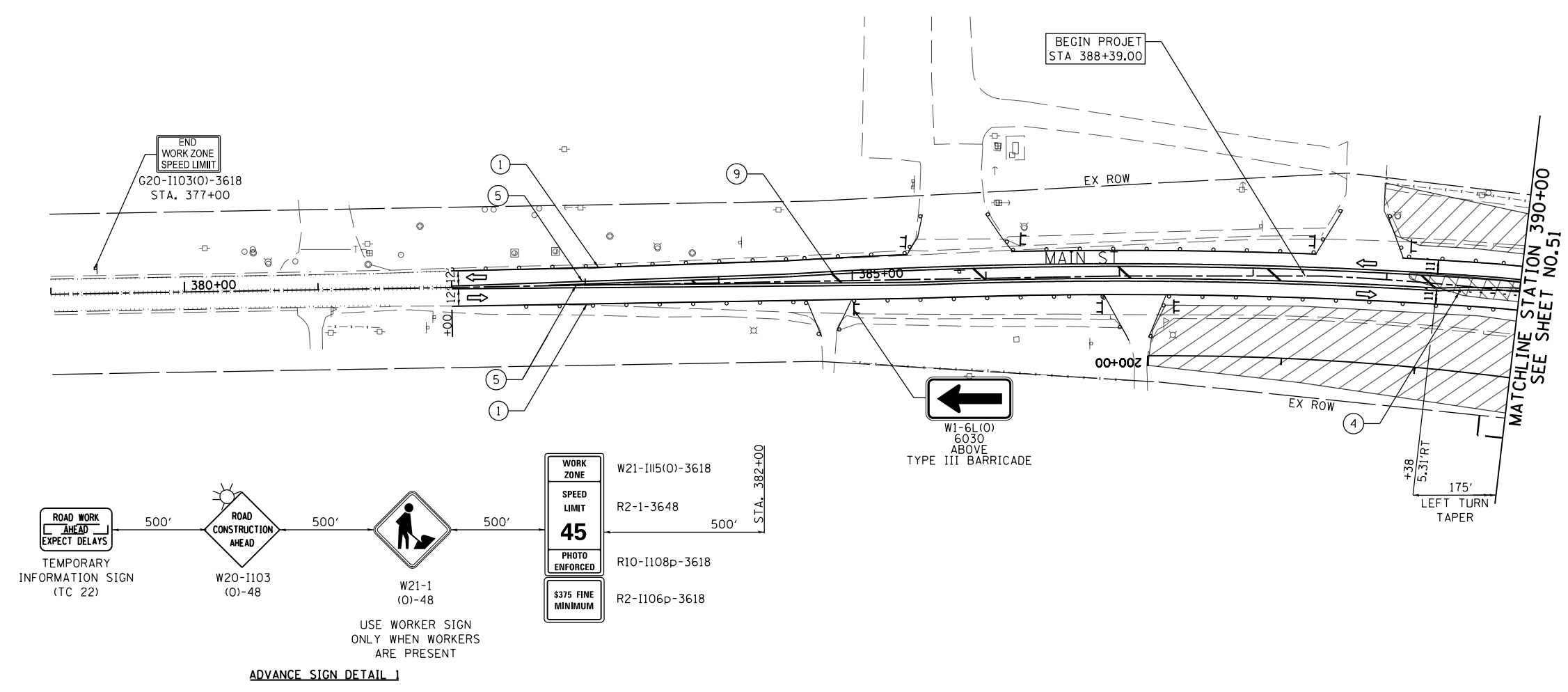
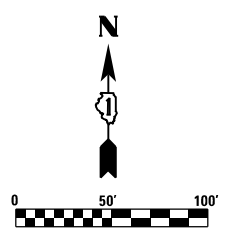
USER NAME = valvarez	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL - TYPICALS

SCALE: NTS SHEET NO. 3 OF 3 SHEETS STA. TO STA.

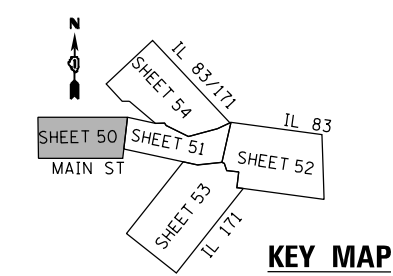
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	49
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



FILE NAME = D:\60Y25-shr-staging\1.dgn

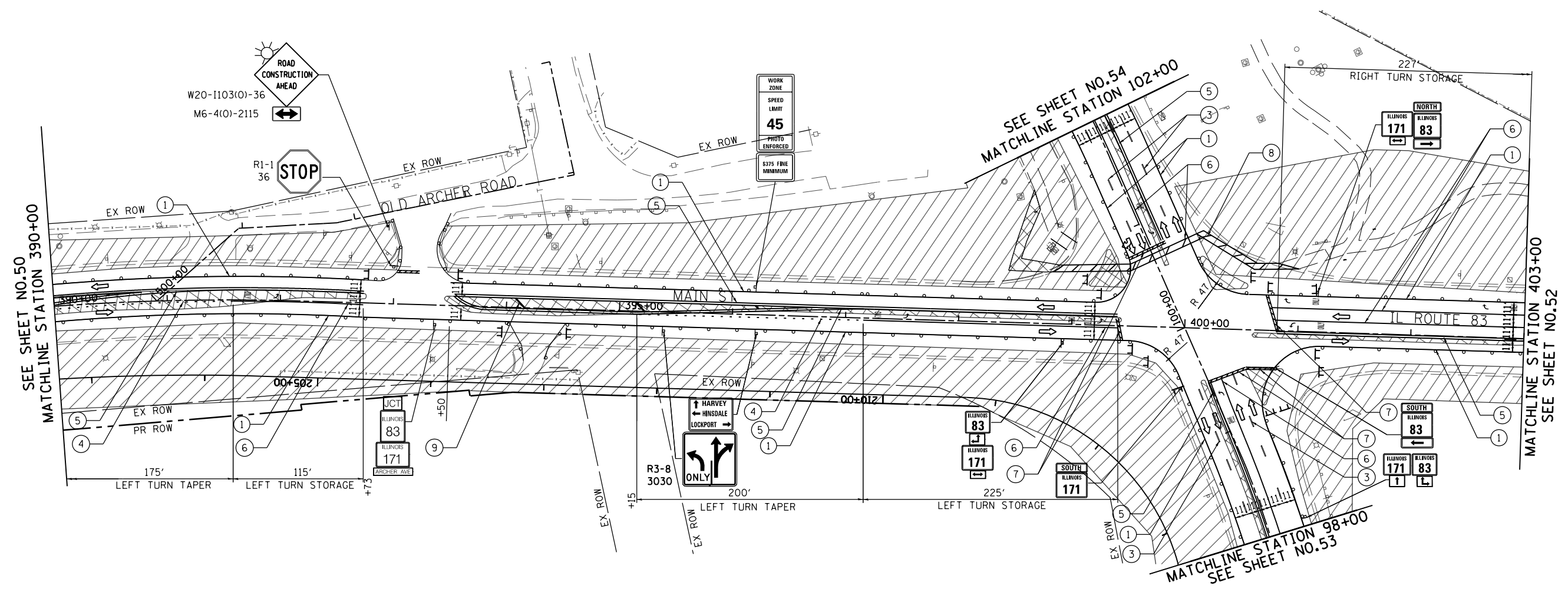
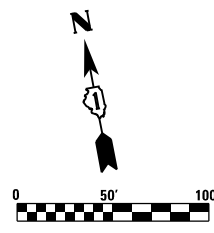
RME Rubinos & Mesa Engineers, Inc. <small>200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2462</small>	USER NAME = valvarez	DESIGNED - FA	REVISED -
		DRAWN - VEA	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -
	PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 1 PLAN**

SCALE: 1"=50' SHEET NO. 1 OF 5 SHEETS STA. 388+39.00 TO STA. 390+00.00

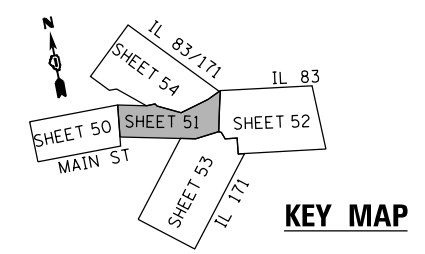
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	50
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
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- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



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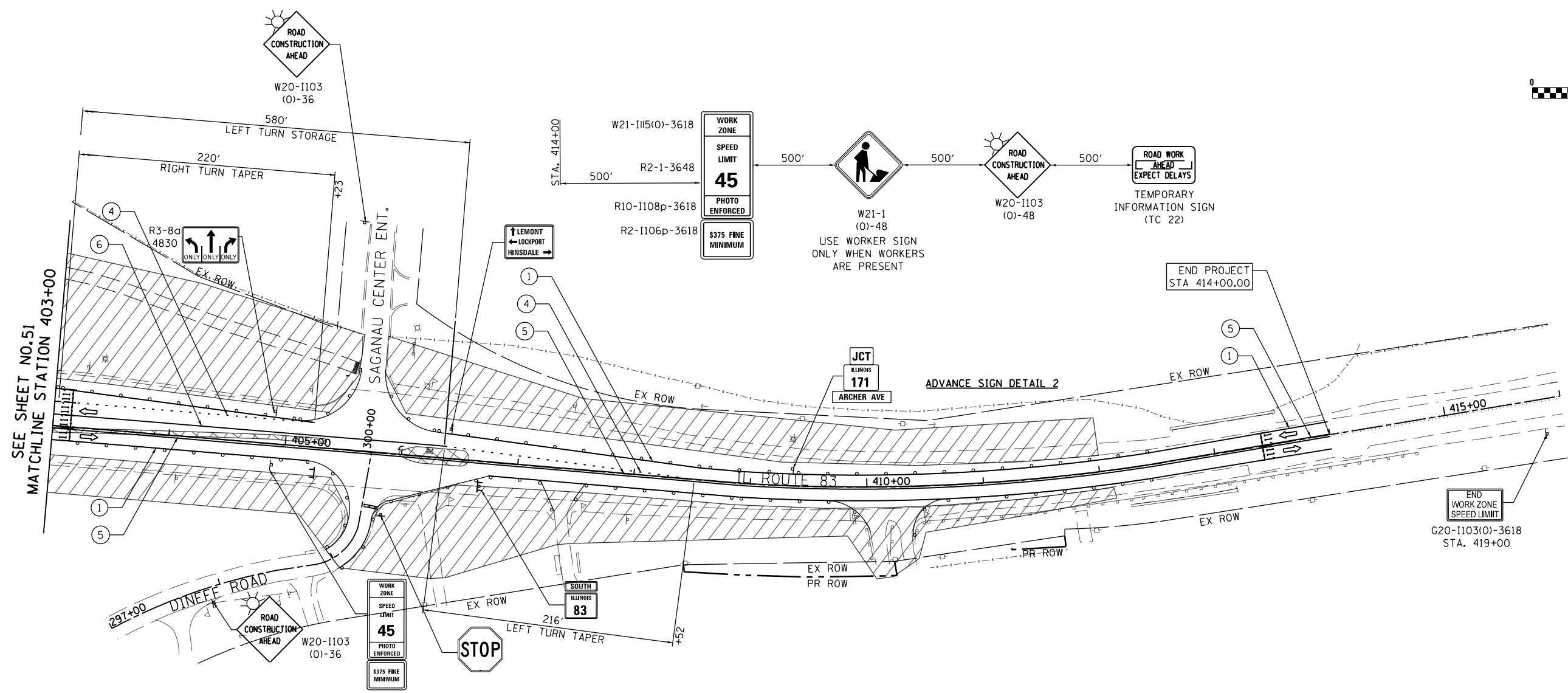
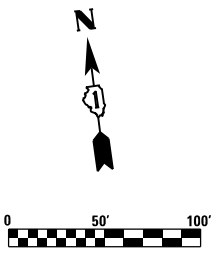
RME Rubinos & Mesa Engineers, Inc.
200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2462

USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 1 PLAN**
SCALE: 1"=50' SHEET NO. 2 OF 5 SHEETS STA. 390+00.00 TO STA. 403+00.00

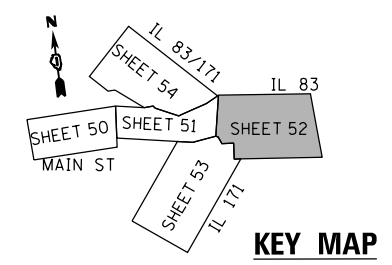
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 51
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
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- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



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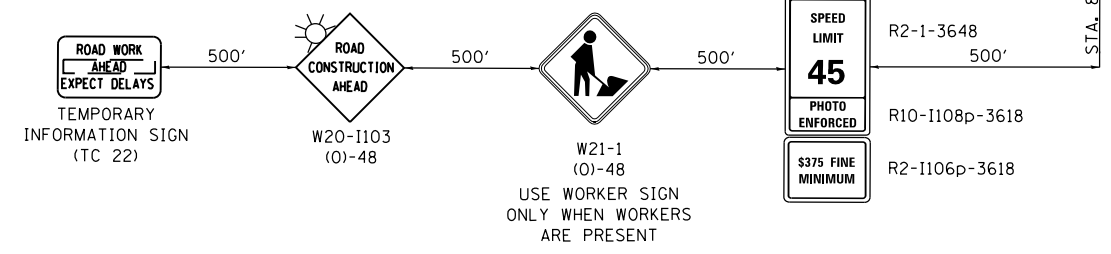
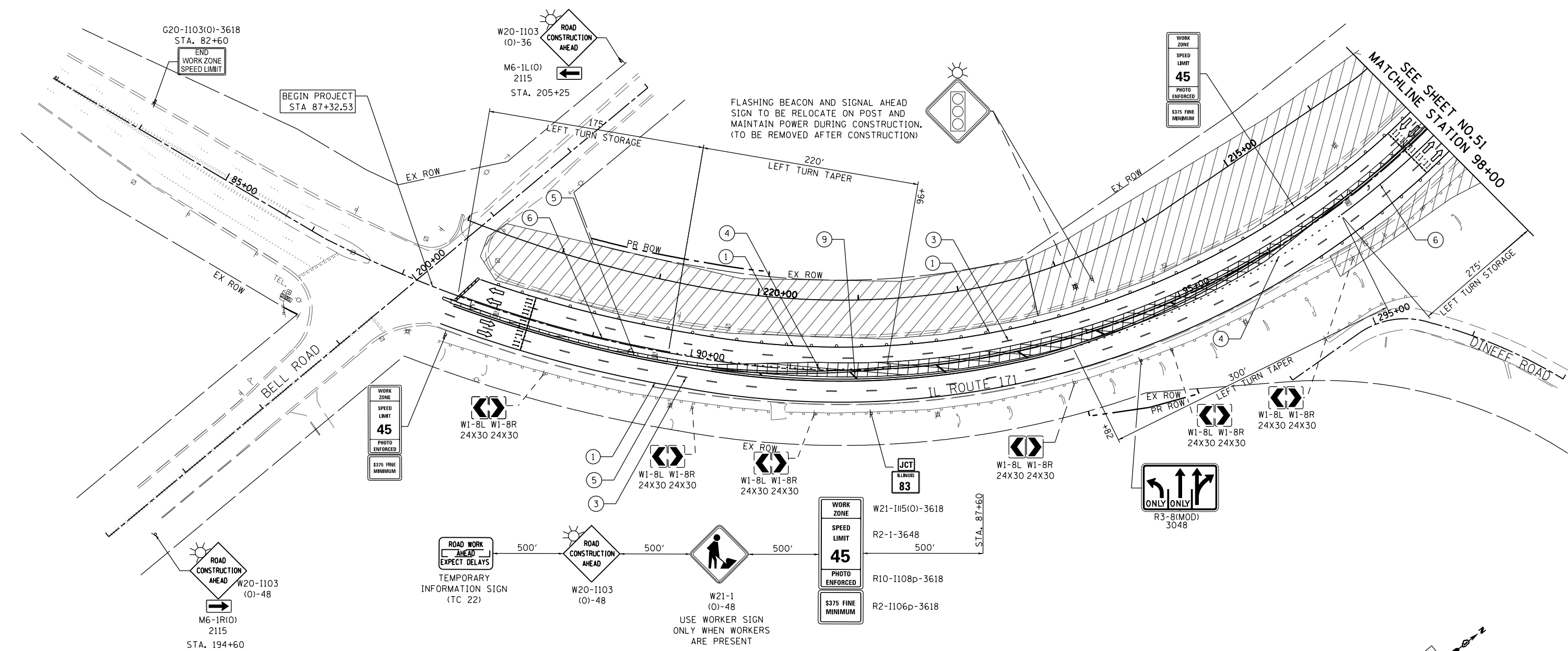
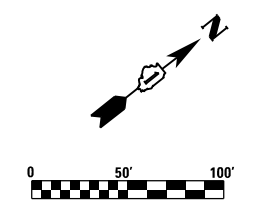


USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 1 PLAN			
SCALE: 1"=50'	SHEET NO. 3 OF 5 SHEETS	STA. 403+00.00 TO STA. 416+00.00	

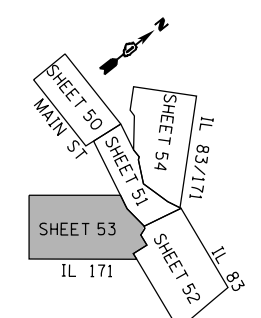
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	52
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

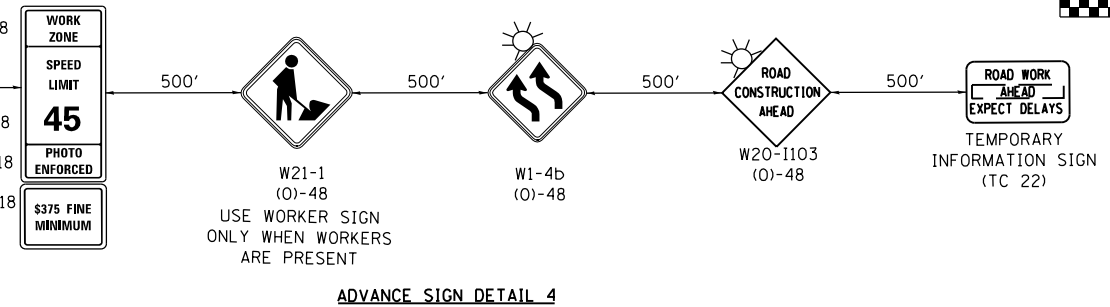
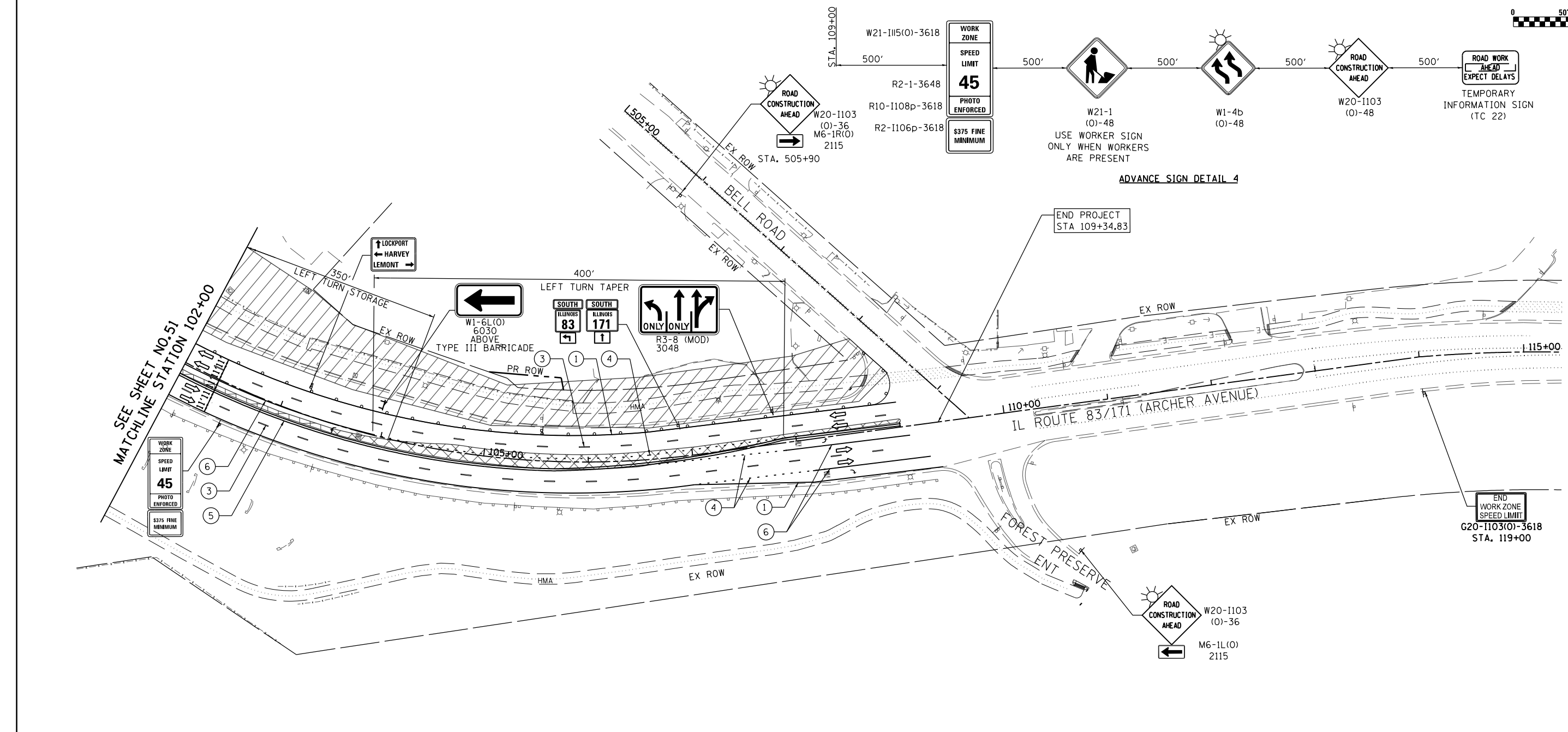
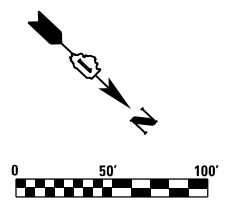
- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
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- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



Rubinos & Mesa Engineers, Inc. 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482	USER NAME = valvarez DESIGNED - FA DRAWN - VEA CHECKED - MF DATE - 6/30/2017	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 1 PLAN	F.A.P. RTE. 344 SECTION 3114-N(14) COUNTY COOK TOTAL SHEETS 225 SHEET NO. 53
	PLOT SCALE = 100.0000' / 1" / 1" / 1" PLOT DATE = 8/19/2017	DATE - 6/30/2017 REVISED -			SCALE: 1"=50' SHEET NO. 4 OF 5 SHEETS STA. 84+00.00 TO STA. 98+00.00

FILE NAME = D:\60Y25-sh-t-staging\4.dgn



SEE SHEET NO. 51
MATCHLINE STATION 102+00

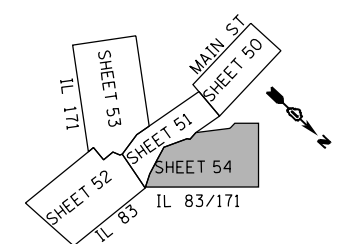
END PROJECT
STA 109+34.83

END WORK ZONE
SPEED LIMIT
G20-1103(0)-3618
STA. 119+00

LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
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- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



KEY MAP

FILE NAME = D:\6025-sh-t-staging-5.dgn



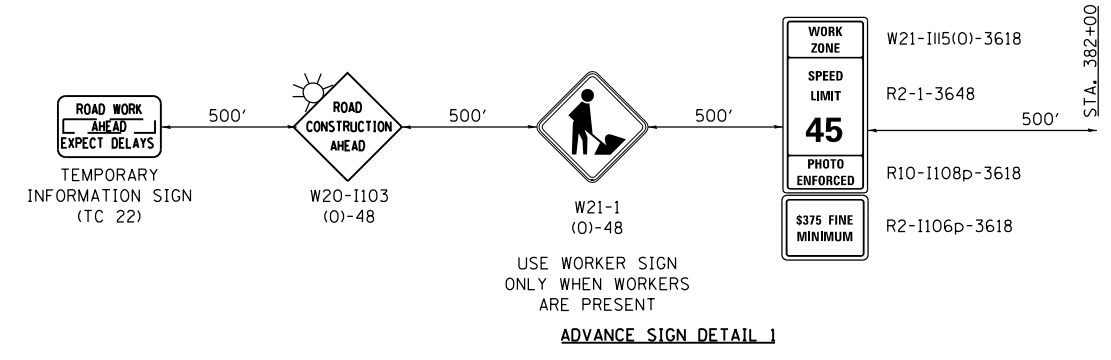
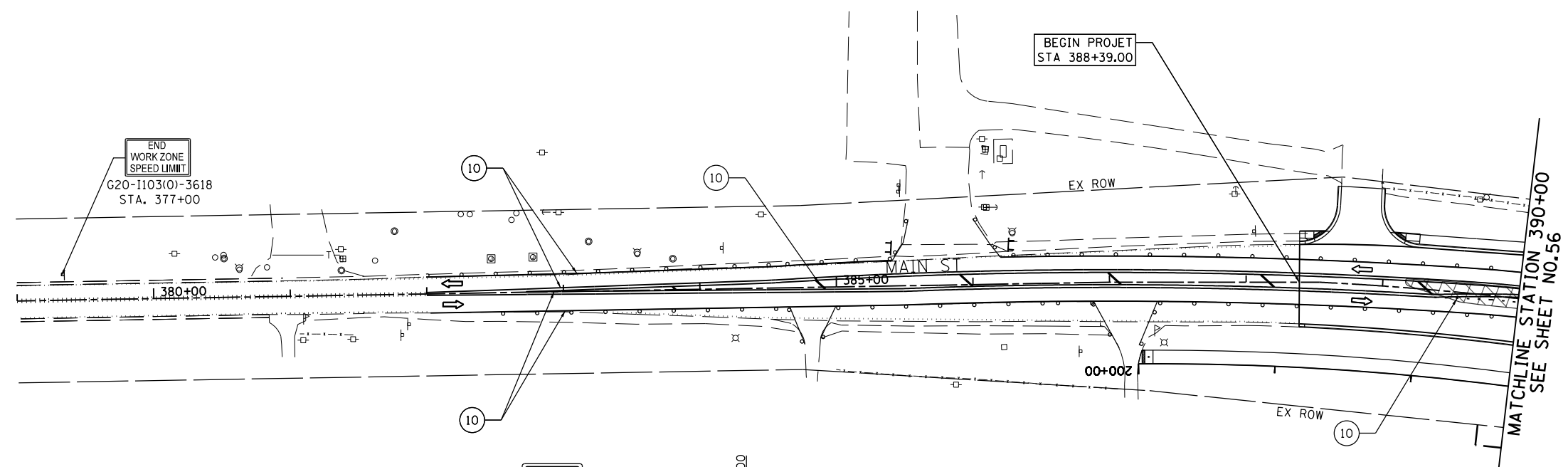
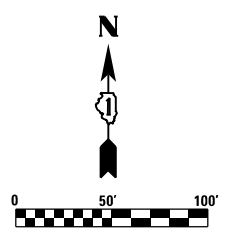
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PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 1 PLAN**

SCALE: 1"=50' SHEET NO. 5 OF 5 SHEETS STA. 102+00.00 TO STA. 115+00.00

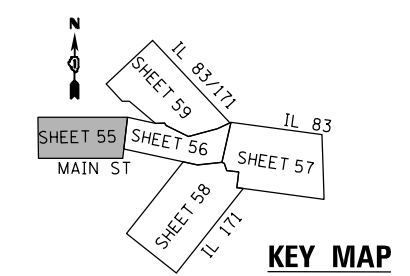
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	54
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
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- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



KEY MAP

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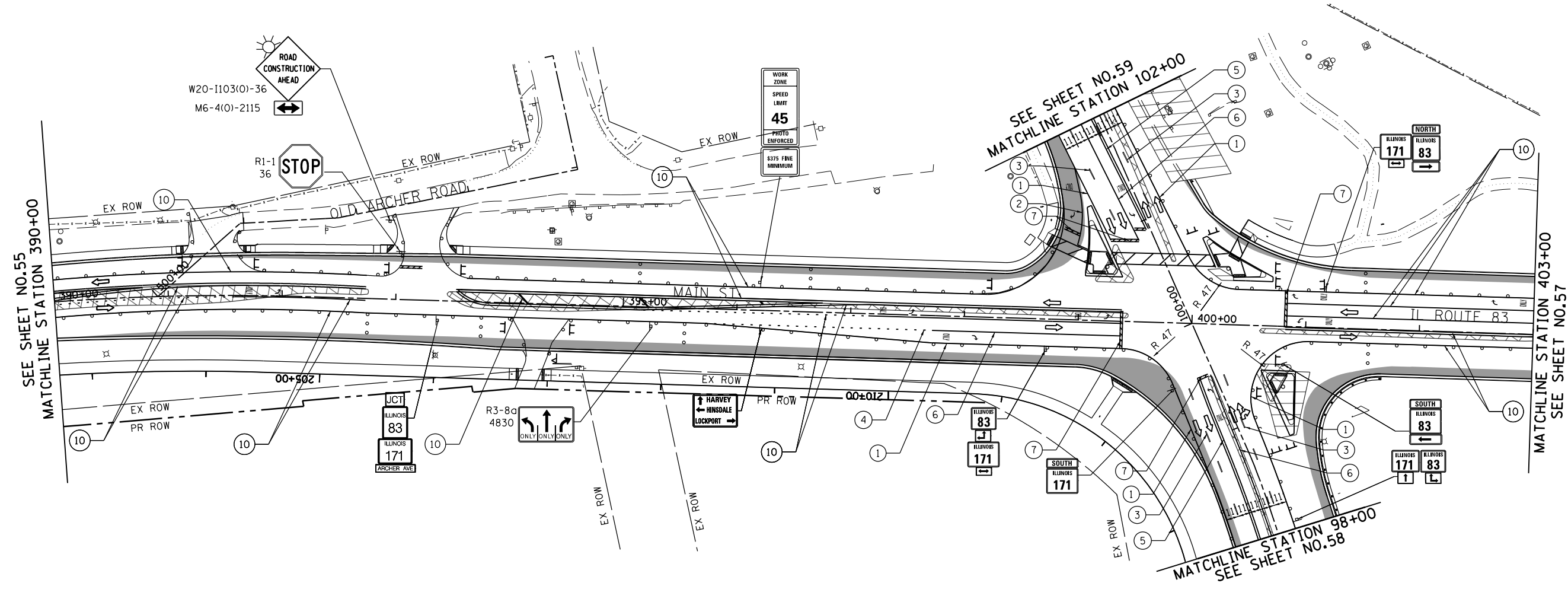
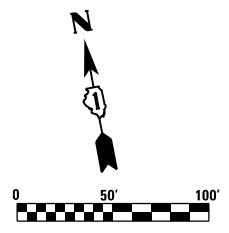
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	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 2 PLAN**

SCALE: 1"=50' SHEET NO. 1 OF 5 SHEETS STA. 388+39.00 TO STA. 390+00.00

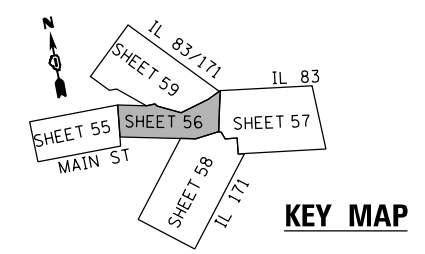
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 55
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
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- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



FILE NAME = D:\60Y25-shft-staging2-2.dgn



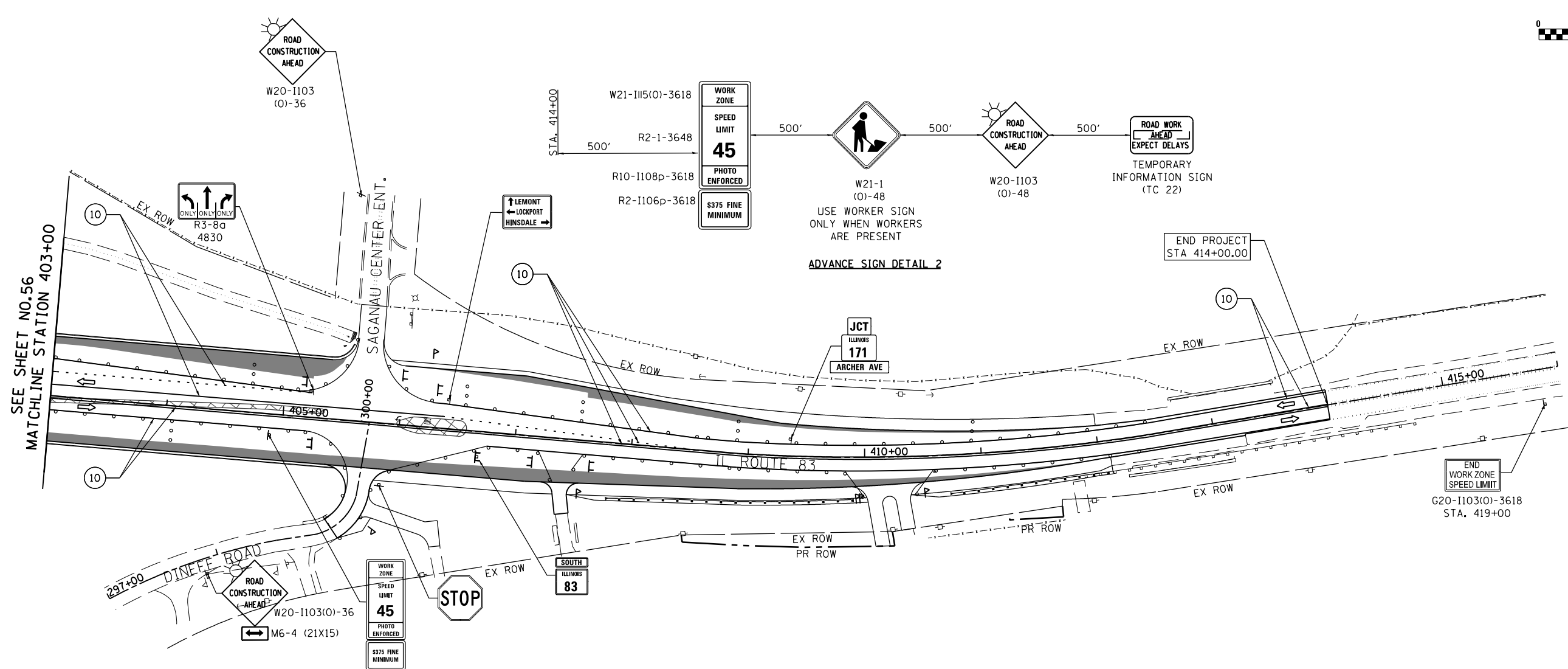
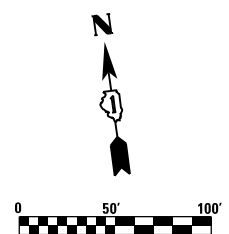
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PLOT SCALE = 100.0000' / 1" =	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 2 PLAN**

SCALE: 1"=50' SHEET NO. 2 OF 5 SHEETS STA. 390+00.00 TO STA. 403+00.00

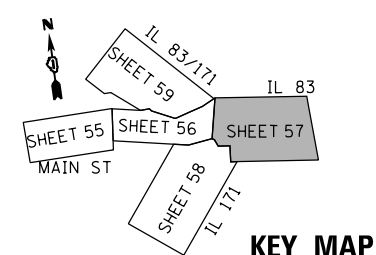
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 56
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



USER NAME = valvarez	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

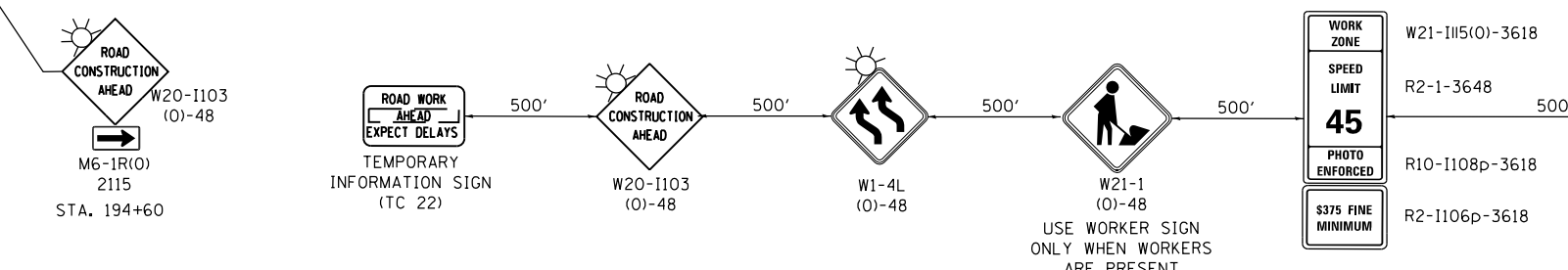
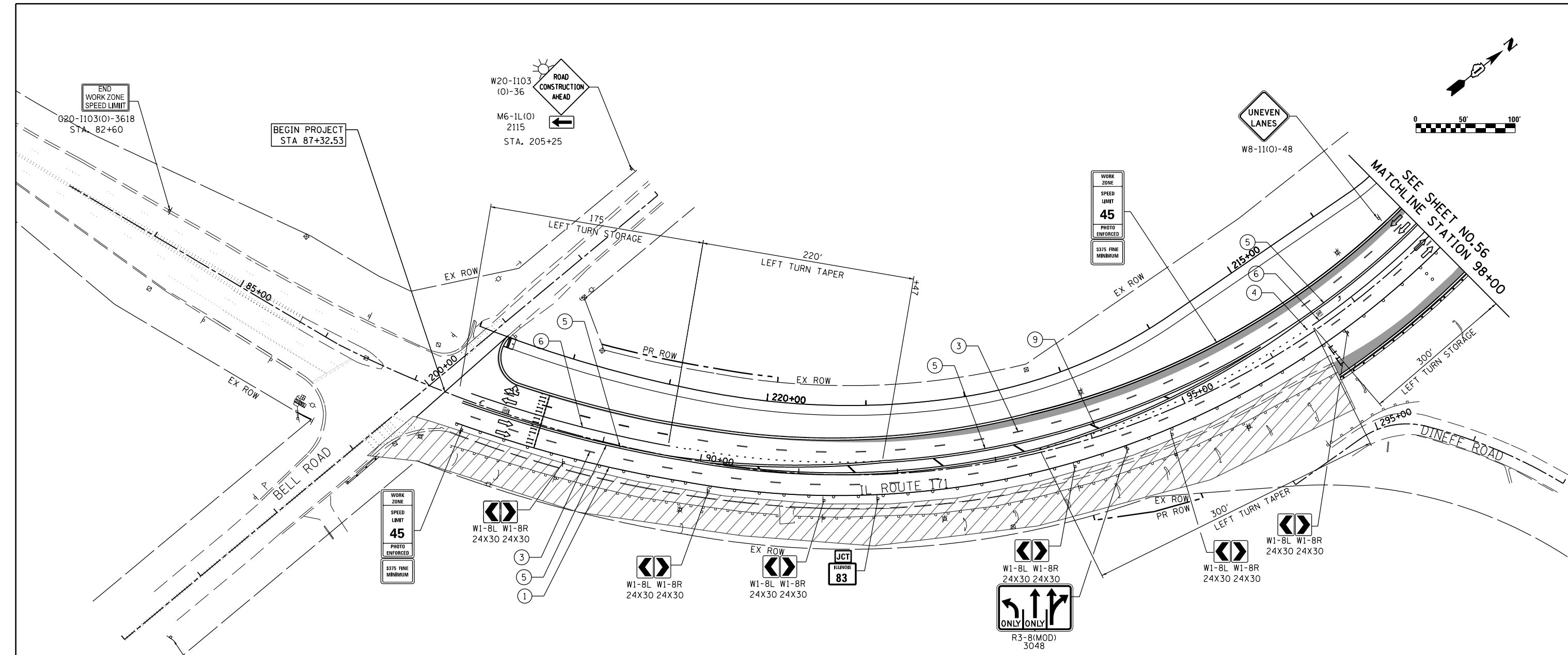
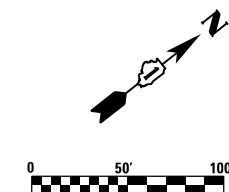
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 2 PLAN**

SCALE: 1"=50' SHEET NO. 3 OF 5 SHEETS STA. 403+00.00 TO STA. 416+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	57
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME = D:\60Y25-shr-staging2-3.dgn

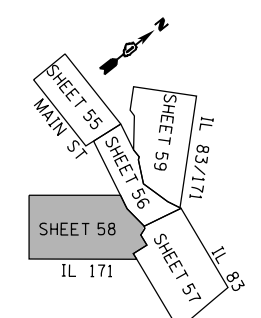


LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

ADVANCE SIGN DETAIL 3

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



KEY MAP



USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

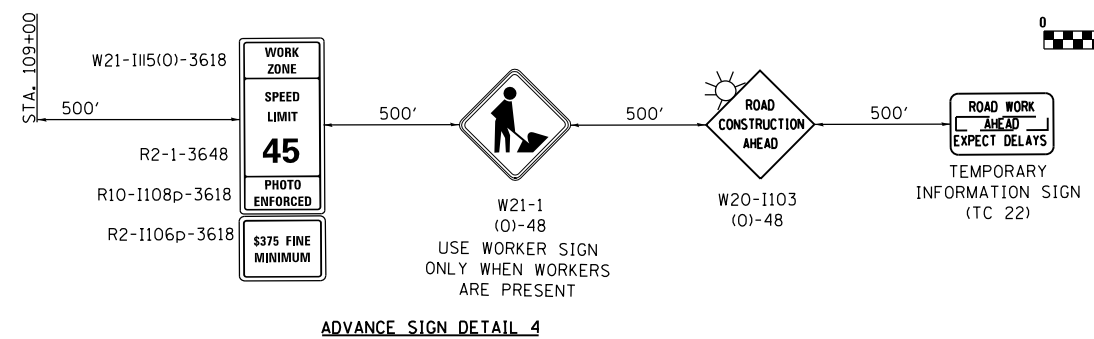
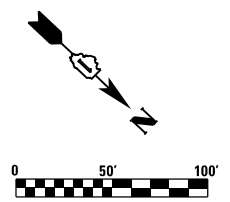
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 2 PLAN**

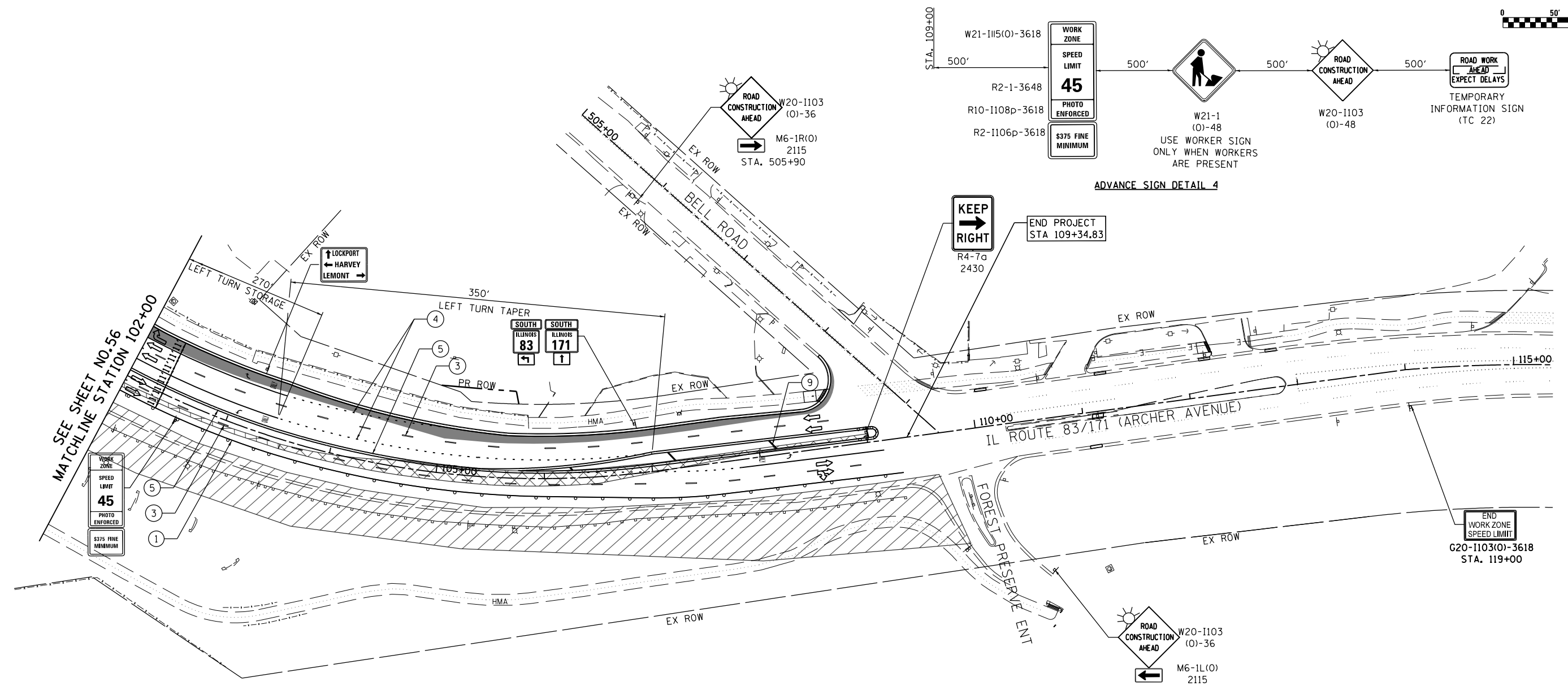
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 58
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME = D:\60Y25-ah-t-staging2-4.dgn

SCALE: 1"=50' SHEET NO. 4 OF 5 SHEETS STA. 84+00.00 TO STA. 98+00.00



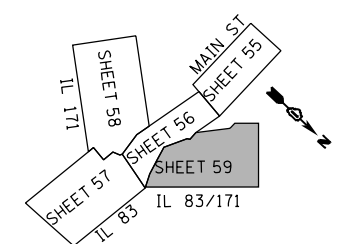
ADVANCE SIGN DETAIL 4



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



KEY MAP

FILE NAME = D:\60\25-shr-staging2-5.dgn



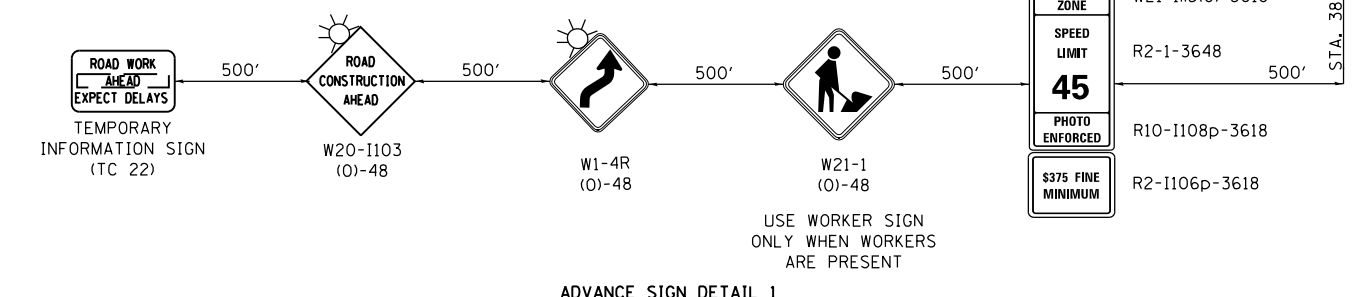
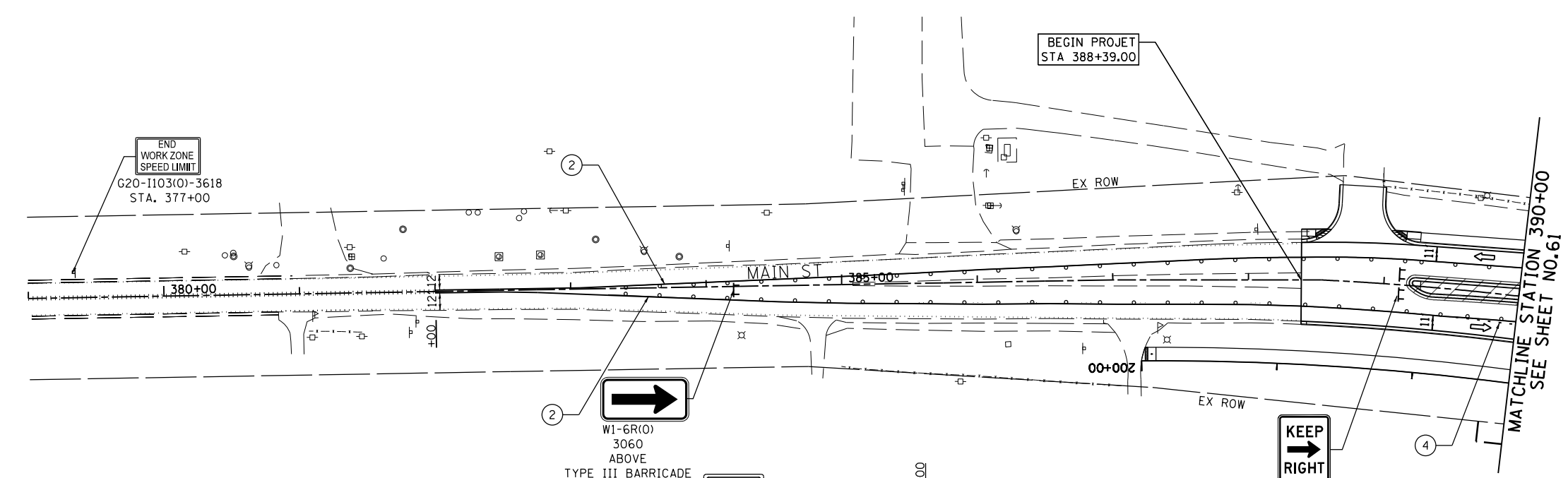
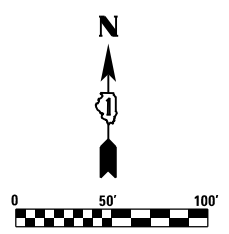
USER NAME = valvarez	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 2 PLAN**

SCALE: 1"=50' SHEET NO. 5 OF 5 SHEETS STA. 102+00.00 TO STA. 115+00.00

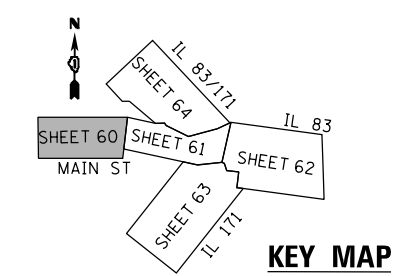
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	59
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



FILE NAME = D:\60Y25-shr-staging3-1.dgn

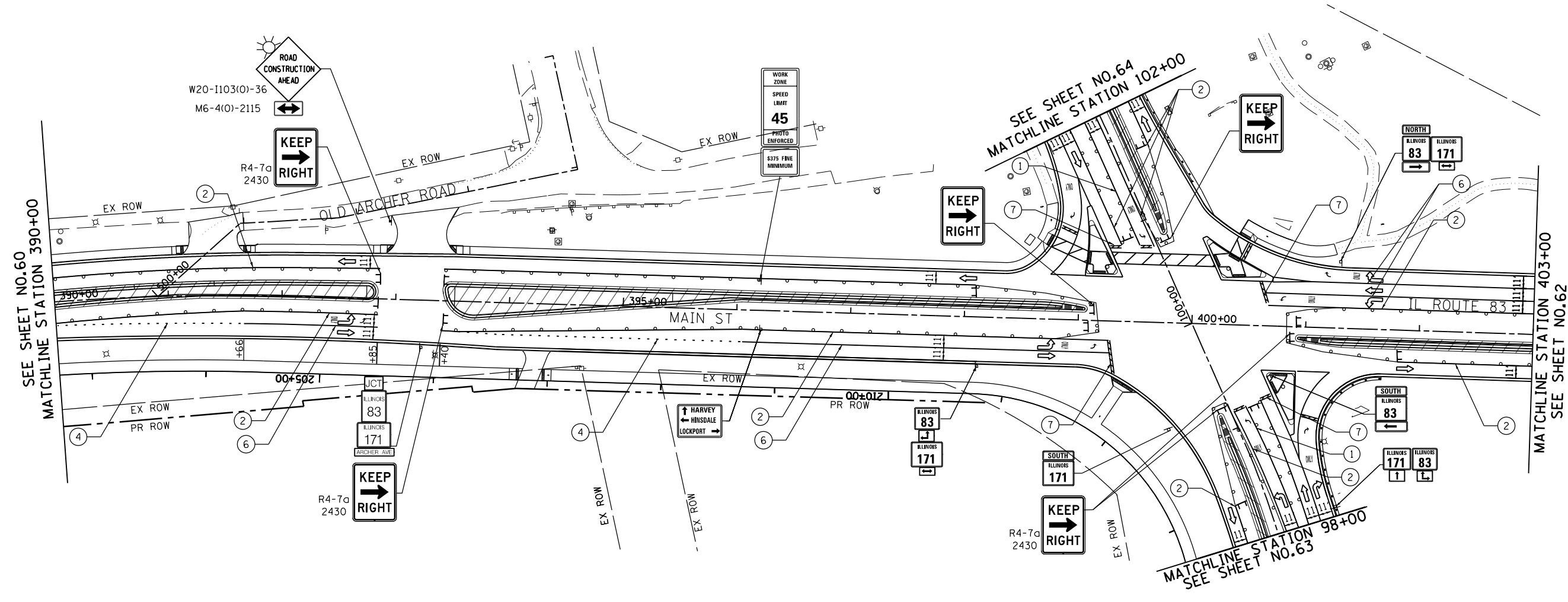
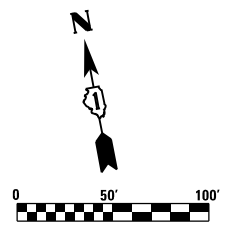
RME Rubinos & Mesa Engineers, Inc. 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2462	USER NAME = valvarez	DESIGNED - FA	REVISED -	
	DRAWN - VEA	CHECKED - MF	REVISED -	
	PLOT SCALE = 100.0000' / 1" =	DATE - 6/30/2017	REVISED -	
	PLOT DATE = 8/19/2017			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 3 PLAN**

SCALE: 1"=50' SHEET NO. 1 OF 5 SHEETS STA. 388+39.00 TO STA. 390+00.00

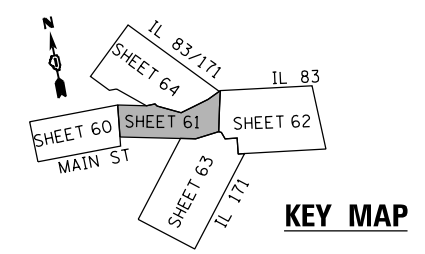
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 60
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



KEY MAP

FILE NAME = D:\60\25-sh-t-staging3-2.dgn



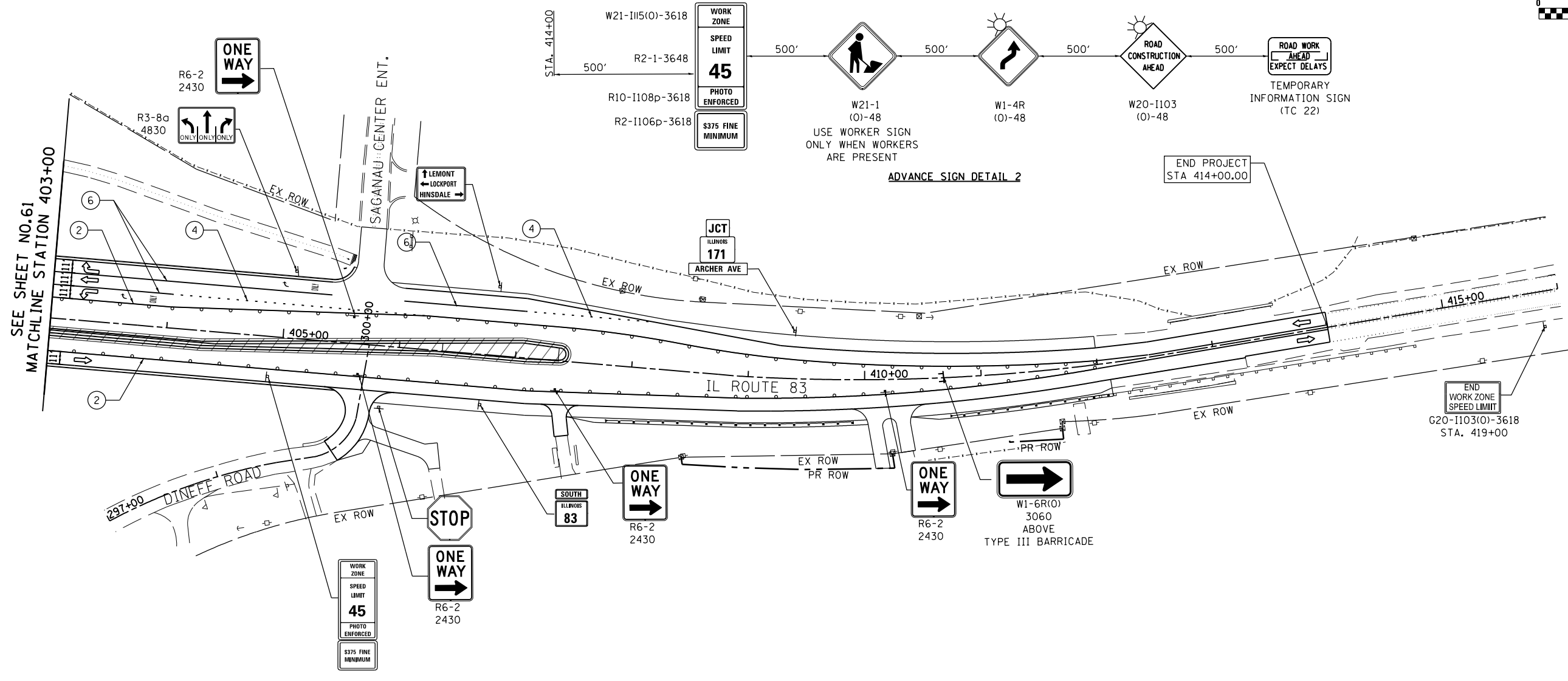
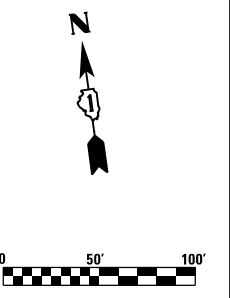
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PLOT SCALE = 100.0000' / 1" =	DRAWN - VEA	REVISD -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISD -
	DATE - 6/30/2017	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 3 PLAN**

SCALE: 1"=50' SHEET NO. 2 OF 5 SHEETS STA. 390+00.00 TO STA. 403+00.00

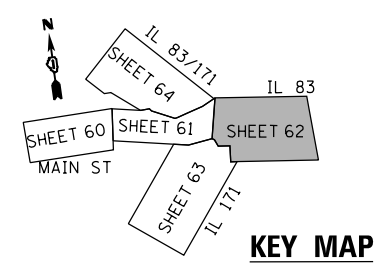
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 61
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



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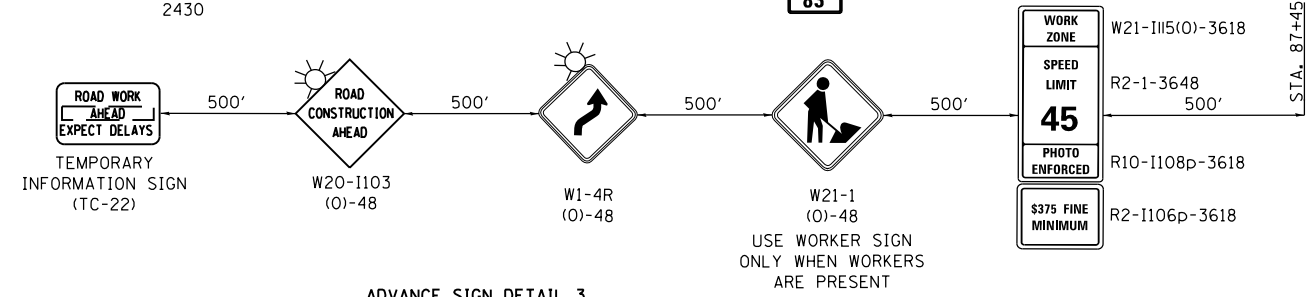
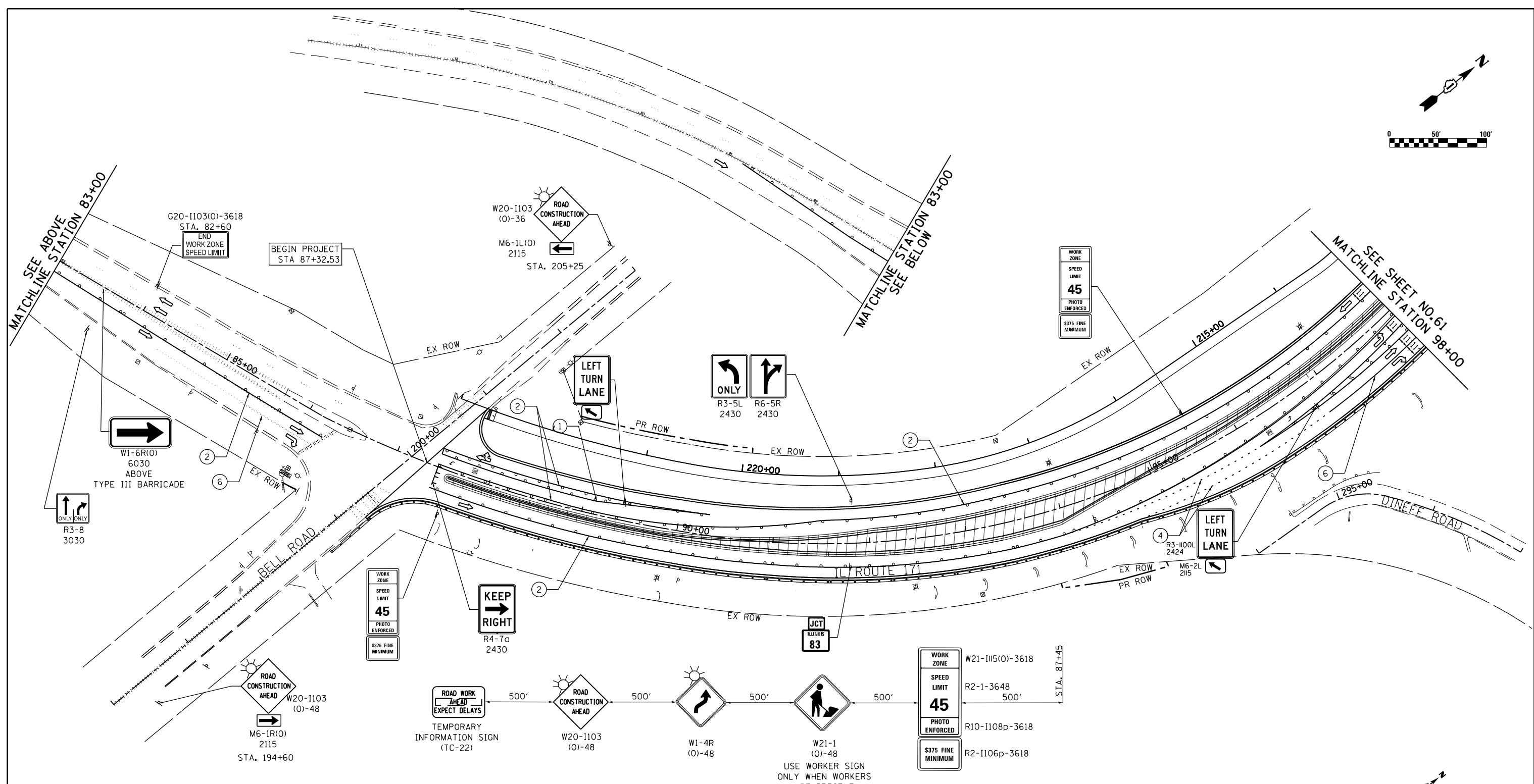
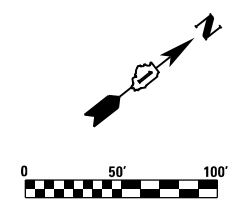


USER NAME = valvarez	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 3 PLAN**
SCALE: 1"=50' SHEET NO. 3 OF 5 SHEETS STA. 403+00.00 TO STA. 416+00.00

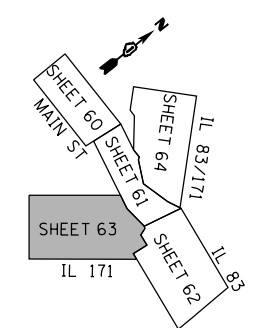
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	62
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



KEY MAP

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 3 PLAN

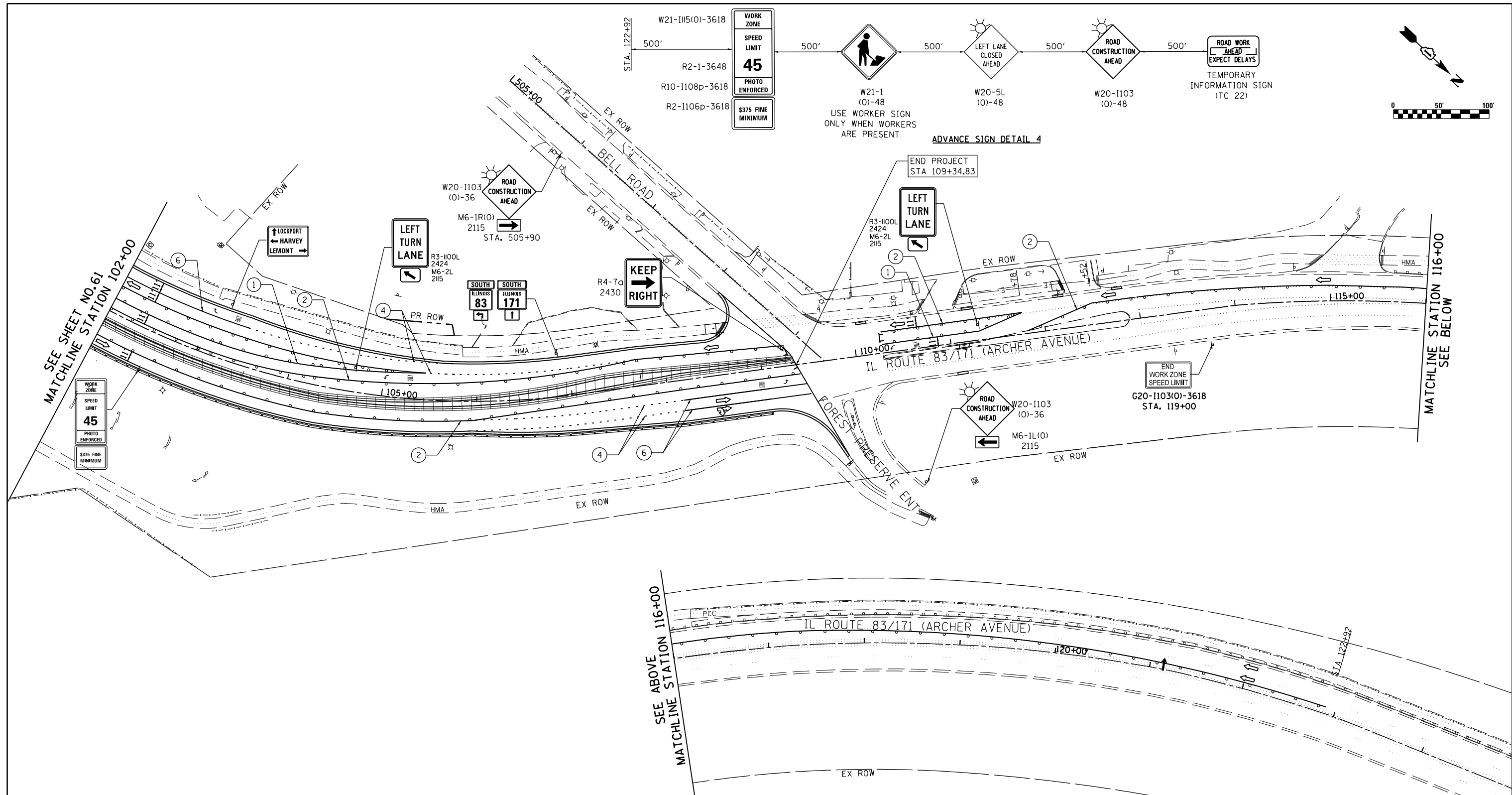
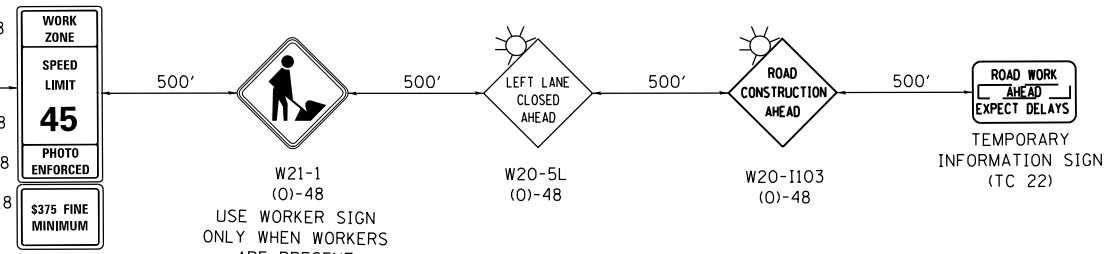
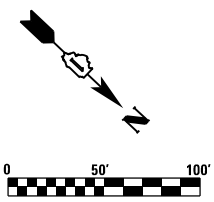
SCALE: 1"=50' SHEET NO. 4 OF 5 SHEETS STA. 84+00.00 TO STA. 98+00.00



USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 63
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

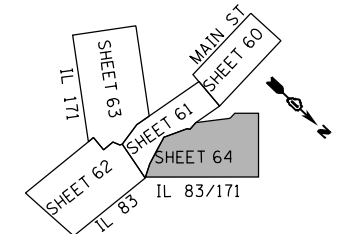
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LEGEND

- CONSTRUCTION WORK ZONE
- TEMPORARY PAVEMENT BE CONSTRUCTED IN STAGE I
- NEWLY CONSTRUCTED PAVEMENT
- DRUMS OR TYPE II BARRICADE WITH STEADY BURN, MONODIRECTIONAL LIGHT IN MULTILANE SECTIONS AND BIDIRECTIONAL LIGHT IN TWO LANE TWO WAY SECTIONS @ 50' C-C (TYP) 20' C-C IN CURVES AND TAPERS
- TYPE III BARRICADE
- MONODIRECTIONAL FLASHING LIGHT
- SIGN TO BE PLACED ON PERMANENT OR PORTABLE SUPPORT
- ARROW BOARD
- DIRECTION OF TRAFFIC FLOW
- FLAGGER WITH TRAFFIC CONTROL SIGN

- ① PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (SOLID)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4" YELLOW (SOLID)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE (30' SKIP - 10' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (6' SKIP - 2' DASH)
- ⑤ PAVEMENT MARKING TAPE, TYPE IV, 2-4" YELLOW AT 11" C-C
- ⑥ PAVEMENT MARKING TAPE, TYPE IV, 6" WHITE (SOLID)
- ⑦ PAVEMENT MARKING TAPE, TYPE IV, 24" WHITE STOP BAR (SOLID)
- ⑧ PAVEMENT MARKING TAPE, TYPE IV, 12" WHITE (SOLID)
- ⑨ PAVEMENT MARKING TAPE, TYPE IV, 12" YELLOW (SOLID) AT 20' C-C
- ⑩ PAVEMENT MARKING TAPE FROM PREVIOUS STAGE



KEY MAP

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
SUGGESTED STAGE CONSTRUCTION & TRAFFIC CONTROL STAGE 3 PLAN



USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 64
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 5 OF 5 SHEETS STA. 102+00.00 TO STA. 115+00.00

FILE NAME = D:\60Y25-sh-t-staging3-5.dgn

EROSION CONTROL NOTES

1. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES- MAINTENANCE GUIDE:
(<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>).
2. THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR COMPLIANCE UNDER NPDES.
3. ALL WORK PROPOSED ON THE EROSION CONTROL PLAN SHALL BE DONE IN ACCORDANCE WITH THE "ILLINOIS URBAN MANUAL" (LATEST EDITION), THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND DETAILS AS SHOWN IN THE PLANS. THE CONTRACTOR IS DIRECTED TO THE CONTRACT SPECIAL PROVISIONS FOR THE APPLICABLE CONSTRUCTION STANDARD AND SUPPLEMENTAL INFORMATION. MAINTENANCE, CLEANING, REPLACEMENT, AND FINAL REMOVAL OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE COST OF THE ITEM. FAILURE TO MAINTAIN ANY EROSION CONTROL ITEM AS REQUIRED BY THE ENGINEER WILL REQUIRE THE ENGINEER TO FILE AN INCIDENCE OF NONCOMPLIANCE (ION) WITH THE ILLINOIS EPA.
4. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
5. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RESIDENT ENGINEER.
6. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOW MELT.
7. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
8. THE CONTRACTOR SHOULD PROVIDE TO THE RESIDENT ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
9. 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 AS INCIDENTAL.
10. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDING AT ONE TIME.
11. THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.
12. CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE-BY-CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEARS, AND EXPECTED WEATHER CONDITIONS.
13. REFER TO THE BDE 2342 "STORM WATER POLLUTION PREVENTION PLAN" IN THE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION REGARDING THE SITE DESCRIPTION AND MISCELLANEOUS PROCEDURES.
14. THE CONSTRUCTION LIMITS WILL BE IDENTIFIED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION, THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES, AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
15. 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. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF SOIL DISTURBANCE, AREAS WITHIN THE CONSTRUCTION LIMITS, WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER, SHALL REMAIN UNDISTURBED UNTIL FULL-SCALE CONSTRUCTION IS UNDERWAY.
16. THE TEMPORARY EROSION CONTROL SYSTEMS MAY BE UTILIZED IN MULTIPLE CONSTRUCTION STAGES AS SHOWN IN THE PLANS. THESE SYSTEMS SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AS DIRECTED BY THE ENGINEER.
17. SEDIMENT OF SOIL REACHING AS IMPROVED PUBLIC RIGHT-OF-WAY, STREET, OR ALLEY SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA ON SITE. THIS COST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF THE CONTRACT.
18. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED ONLY INTO DEWATERING BASINS, SEDIMENT BASINS, OR SILT TRAPS DEWATERING DIRECTLY INTO NATURAL DRAINAGE WAYS, FIELD TILES, OR STORM WATER STRUCTURES THAT DO NOT DRAIN INTO DEWATERING BASINS, SEDIMENT BASINS, OR SILT TRAPS IS PROHIBITED. CONSTRUCTION OF THE BASINS AND DEWATERING OPERATIONS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
19. ALL OPEN GRATE STORM STRUCTURES, BOTH EXISTING AND PROPOSED, WITHIN THE CONSTRUCTION LIMITS AND IMMEDIATELY DOWNSTREAM, SHALL BE PROTECTED FROM SEDIMENT BY INSTALLING AND MAINTAINING INLET FILTERS.
20. "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.
21. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. ALL CONDITIONS OF THE 404 PERMIT, FOUND IN THE SPECIAL PROVISIONS, MUST BE FOLLOWED. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES (INCLUDING WORK WITHIN WETLANDS) CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN (INCLUDING WORK WITHIN WETLANDS) WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
22. ALL OPEN GRATE STORM STRUCTURES, BOTH EXISTING AND PROPOSED, WITHIN THE CONSTRUCTION LIMITS AND IMMEDIATELY DOWNSTREAM, SHALL BE PROTECTED FROM SEDIMENT BY INSTALLING AND MAINTAINING INLET FILTERS.
23. ALL PCC DITCH CHECKS TO BE CONSTRUCTED AS SHOWN ON THE PLAN AND PAID AS CAST-IN-PLACE CONCRETE WALL.

CONSTRUCTION SEQUENCE

1. TREE TRUNK PROTECTION
2. TEMPORARY AND NO INTRUSION FENCE
3. TREE REMOVAL
4. INSTALL PERIMETER EROSION BARRIER
5. INSTALL INLET FILTER
6. REMOVE CURB AND GUTTER, AND STORM SEWER LATERALS WHERE APPLICABLE
7. INSTALL STORM SEWER WHERE APPLICABLE
8. MAINTAIN DRAINAGE FLOW
9. TEMPORARY SEEDING AND MULCH ON TEMPORARY GRADES.
10. INSTALL ROADWAY WIDENING
11. FINAL GRADING WITH TOPSOIL, SOD, SEED AND BLANKET
12. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
EROSION CONTROL NOTES**

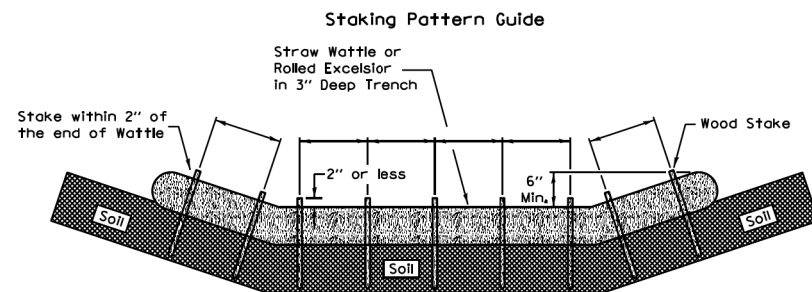
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	65
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RME Rubinos & Mesa Engineers, Inc.
200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482

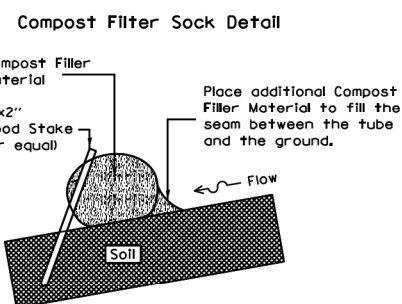
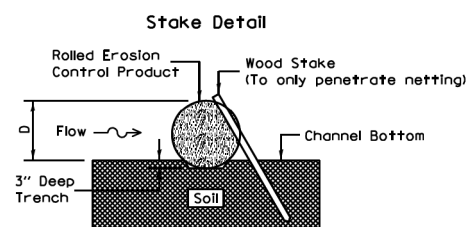
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	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

ROLLED EROSION CONTROL PRODUCTS



Notes:

1. Overlap minimum is the diameter of the roll.
2. 4' spacing for wattles.
3. 2' spacing for rolled excelsior.
4. Or space according to manufacturer's specifications.



When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

Notes:

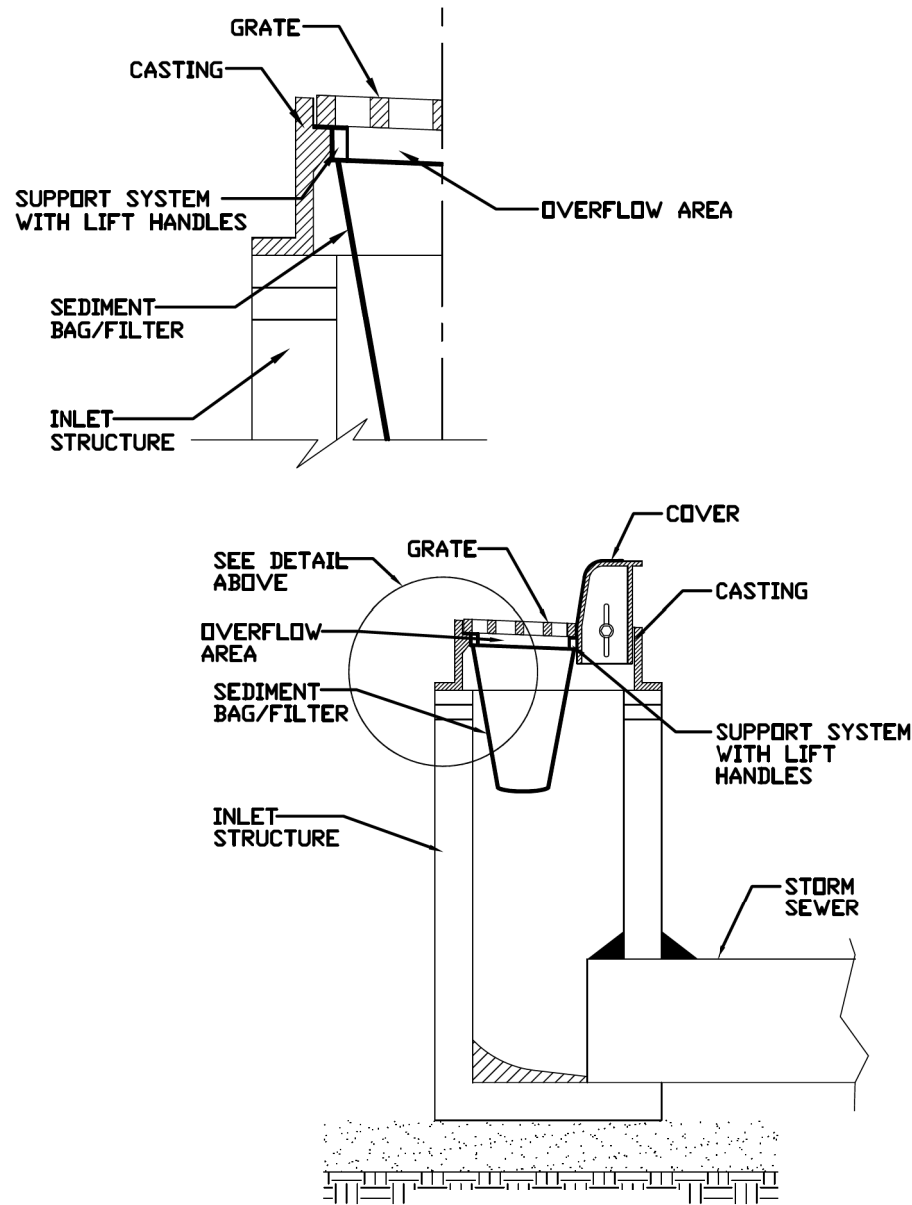
1. Drawings are not to scale.
2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
3. Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long.
4. Stakes shall not extend above the straw wattle more than 2".
5. Spacing: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

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



STANDARD DWG. NO.	IUM-514
SHEET	1 OF 1
DATE	8-19-11

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION

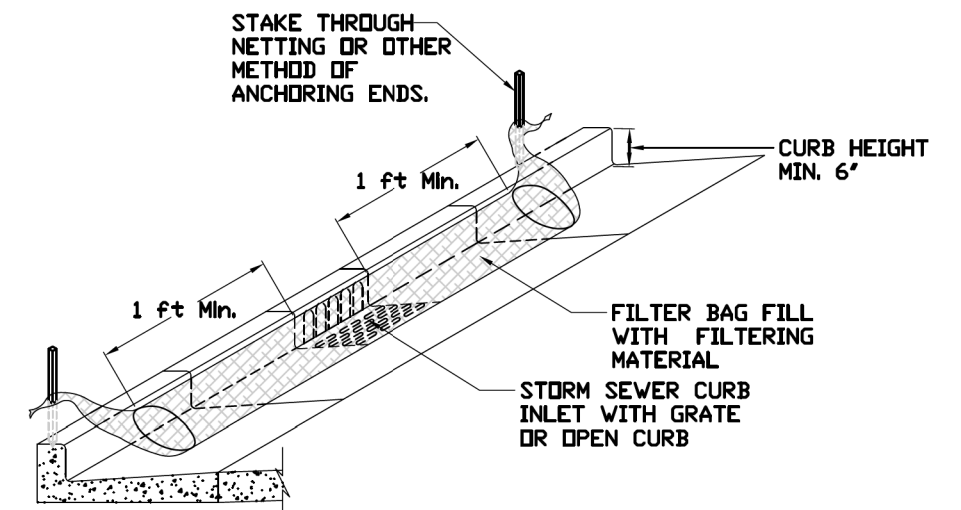


REFERENCE	
Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IUM-561D
SHEET	1 OF 1
DATE	01-11-11

INLET PROTECTION - PAVED AREAS CURB PROTECTION



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



STANDARD DWG. NO.	IUM-561C
SHEET	1 OF 1
DATE	01-11-11

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USER NAME =	VAIVREZ
DESIGNED -	FA
DRAWN -	VEA
CHECKED -	MF
DATE	6/30/2017

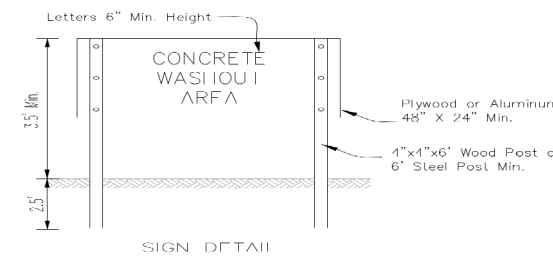
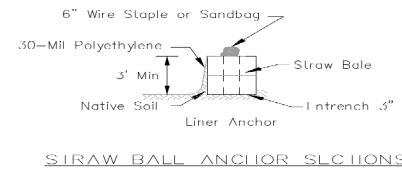
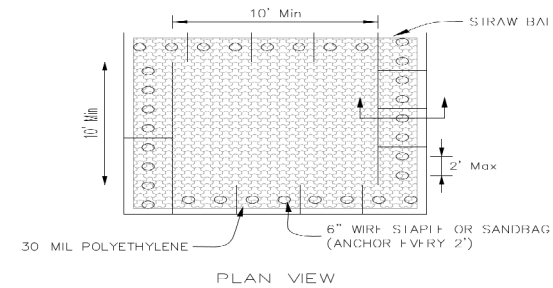
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REVISOR -	
DRAWN -	VEA
REVISOR -	
CHECKED -	MF
REVISOR -	
DATE	6/30/2017
REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
EROSION CONTROL DETAILS

SCALE: NTS SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	66
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

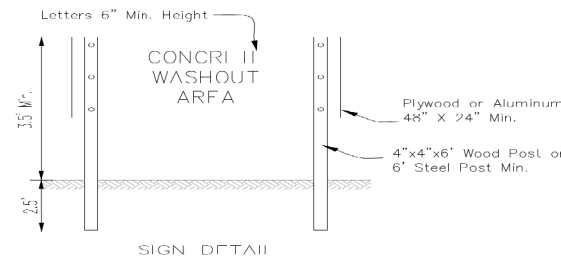
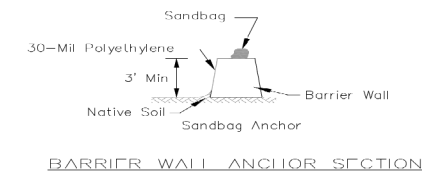
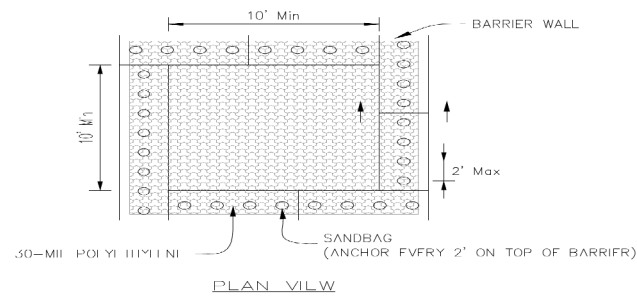


NOTES:

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

DESIGNED	FA	DATE	6/30/2017
DRAWN	VEA	CHECKED	MF
APPROVED			

TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE

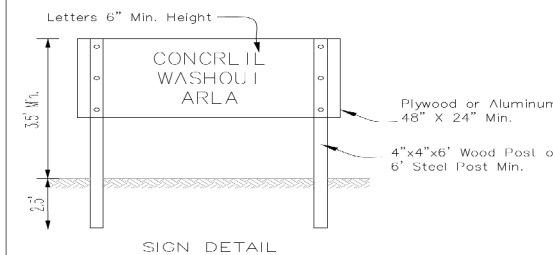
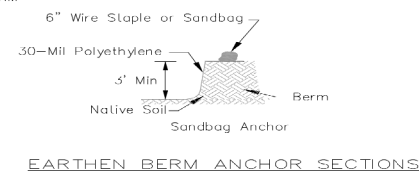
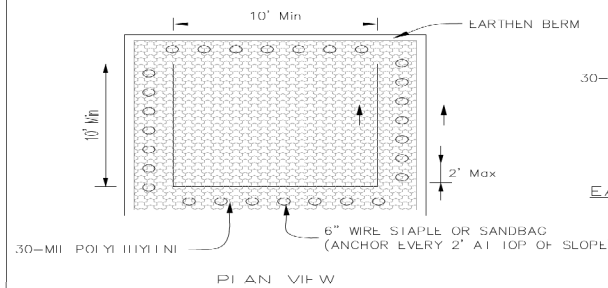


NOTES:

- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
- Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

DESIGNED	FA	DATE	6/30/2017
DRAWN	VEA	CHECKED	MF
APPROVED			

TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL

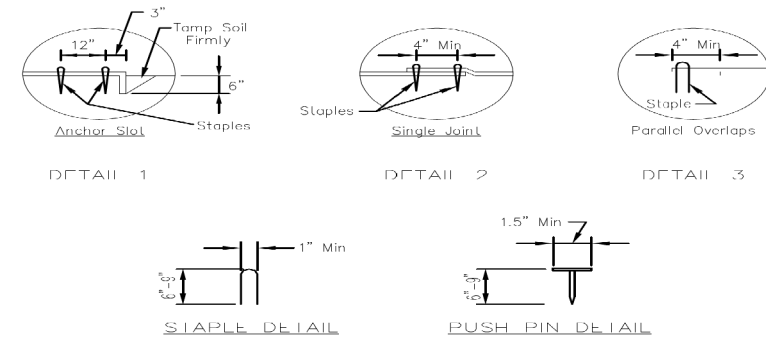
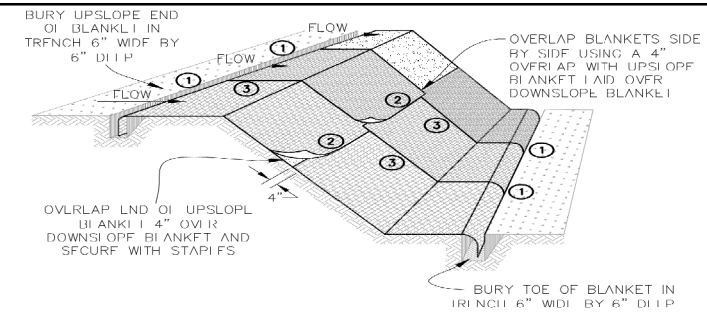


NOTES:

- Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
- Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

DESIGNED	FA	DATE	6/30/2017
DRAWN	VEA	CHECKED	MF
APPROVED			

TEMPORARY CONCRETE WASHOUT FACILITY - EARTHEN TYPE



NOTES:

- Staples shall be placed in a diamond pattern at 2 per s.y. for stitched blankets. Non stitched shall use 4 staples per s.y. of material. This equates to 200 staples with stitched blanket and 400 staples with non-stitched blanket per 100 s.y. of material.
- Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
- Frosion control material shall be placed in contact with the soil over a prepared seedbed.
- All anchor slots shall be stapled at approximately 12" intervals.

DESIGNED	FA	DATE	11/20/17
DRAWN	VEA	CHECKED	MF
APPROVED			

EROSION CONTROL BLANKET INSTALLATION DETAILS

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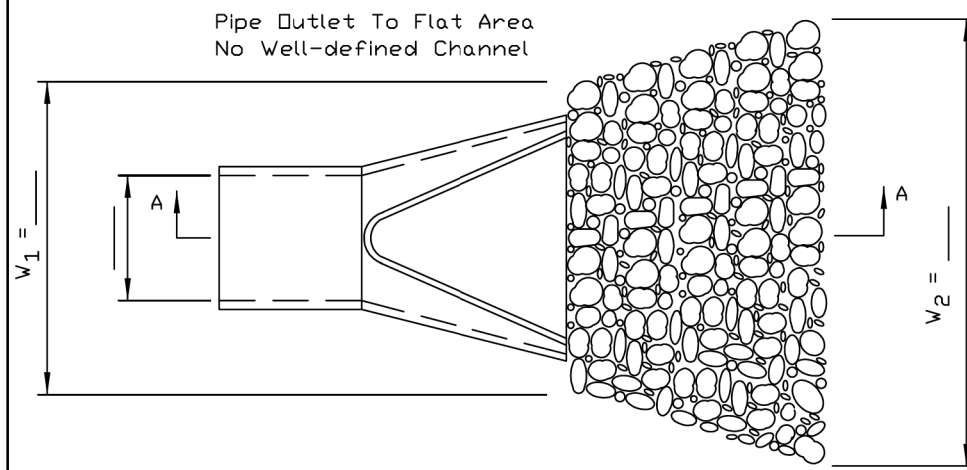
USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1in.	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

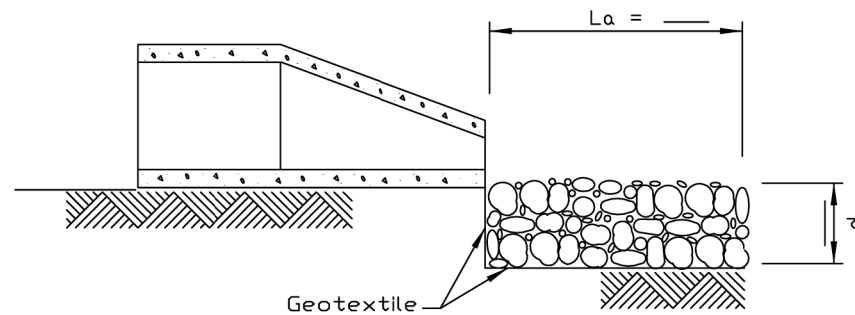
IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)	
EROSION CONTROL DETAILS	
SCALE: NTS	SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 67
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PIPE OUTLET TO FLAT AREA



PLAN

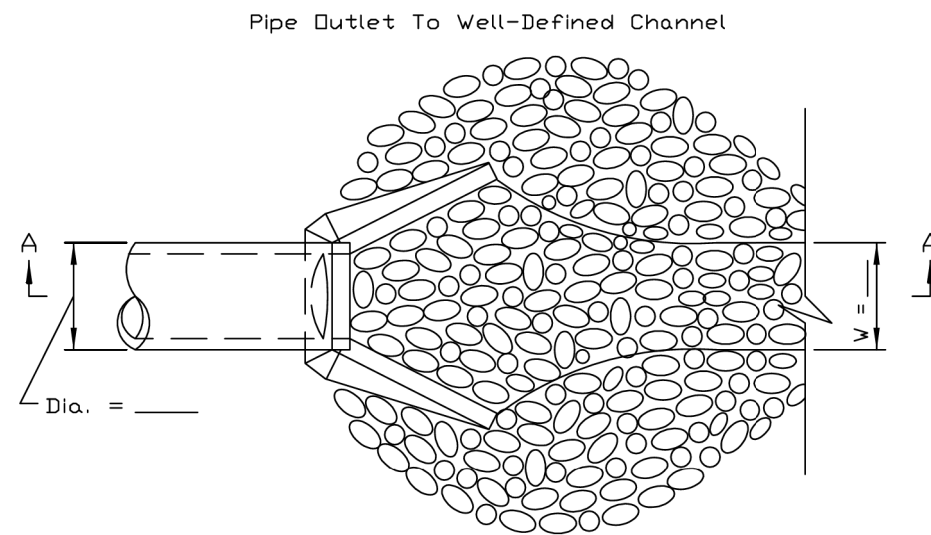


SECTION A-A

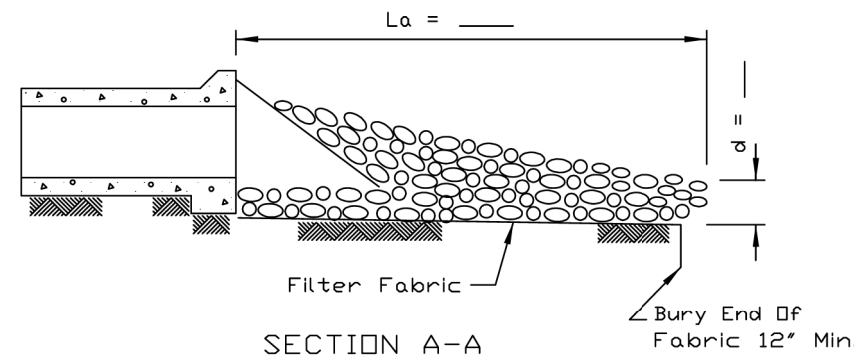
NOTES:

1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
2. The rock riprap shall meet the IDOT requirements for the following gradation: RR _____, Quality _____.
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

PIPE OUTLET TO CHANNEL



PLAN

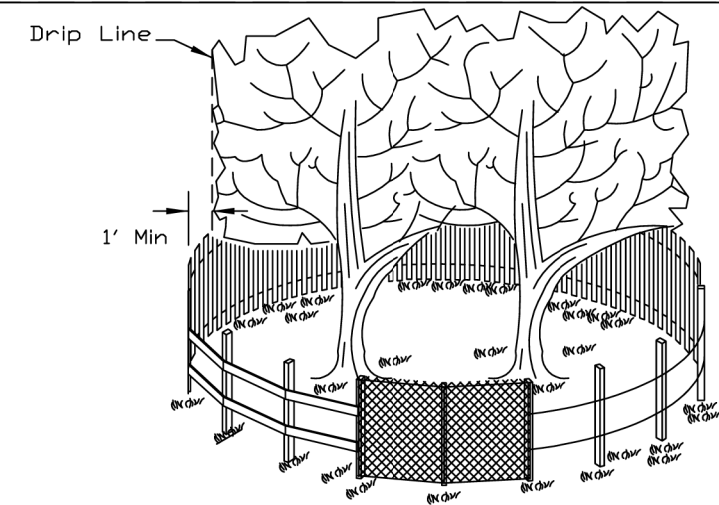


SECTION A-A

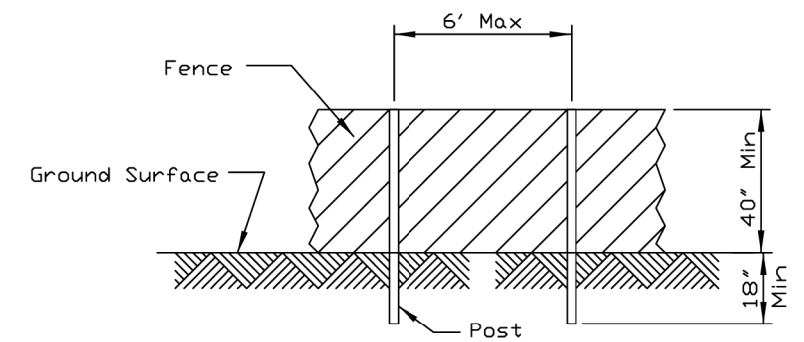
NOTES:

1. The filter fabric shall meet the requirements in material specification 592 GEOTEXTILE Table 1 or 2, Class I, II or III.
2. The rock riprap shall meet the IDOT requirements for the following gradation _____.
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

TREE PROTECTION - FENCING



SIDE VIEW



POST AND FENCE DETAIL

NOTES:

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

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



STANDARD DWG. NO. IL-610
 SHEET 1 OF 1
 DATE 9-15-93

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



STANDARD DWG. NO. IL-611
 SHEET 1 OF 1
 DATE 8-18-94

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



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

FOR DIMENSIONS DETAIL SEE SHEET NO. 85



USER NAME = valvarez
 DESIGNED - FA
 DRAWN - VEA
 CHECKED - MF
 DATE - 6/30/2017

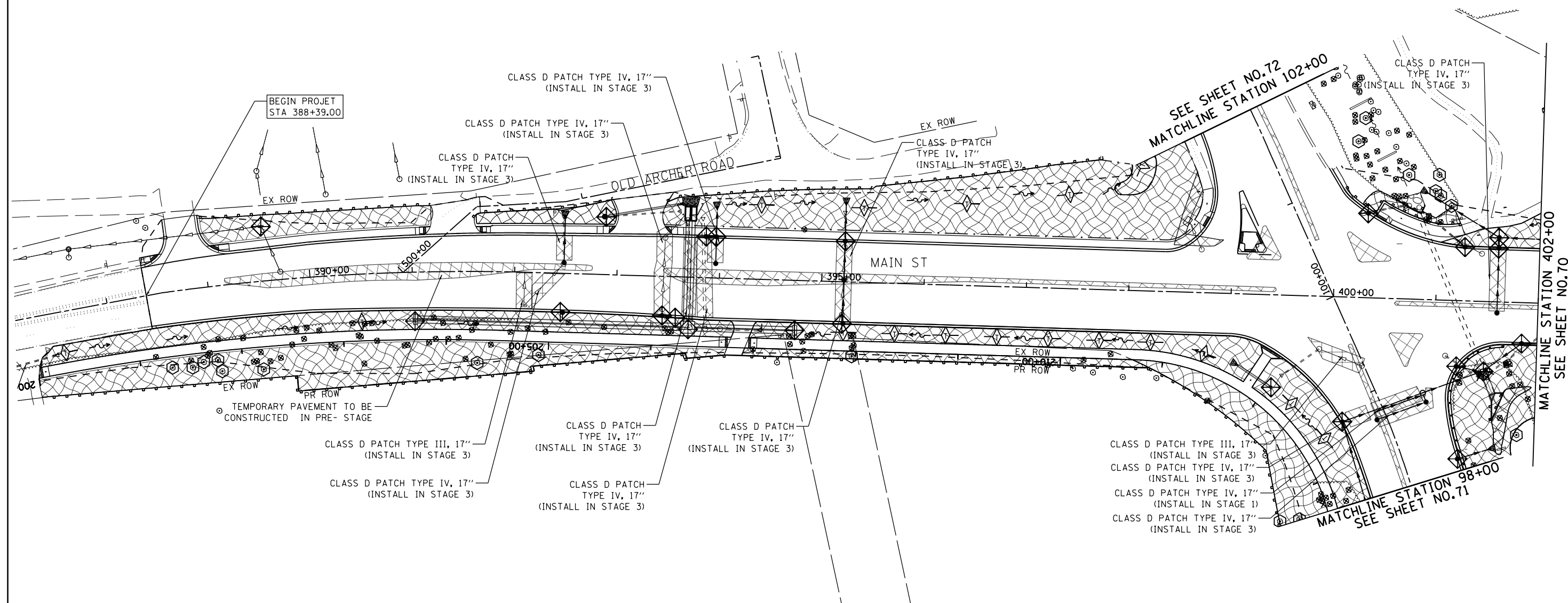
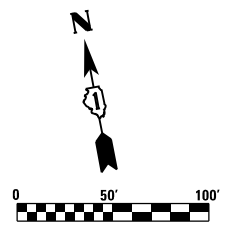
DESIGNED - FA
 DRAWN - VEA
 CHECKED - MF
 DATE - 6/30/2017

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 EROSION CONTROL DETAILS
 SCALE: NTS SHEET NO. 3 OF 4 SHEETS STA. TO STA.

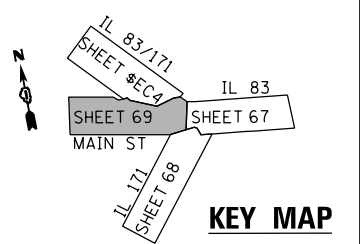
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	68
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- PERIMETER EROSION BARRIER
- DITCH CHECK TEMPORARY
- INLET AND PIPE PROTECTION
- TREE REMOVAL
- PATCH / TEMPORARY PAVEMENT
- EROSION CONTROL BLANKET
- RIPRAP
- ROADWAY DITCH FLOW
- TREE PROTECTION
- TEMPORARY FENCE

NOTE:
FOR PERMANENT SEEDING AND SODDING INFORMATION SEE SHEET NO.116 TO 119 LANDSCAPE PLAN.



FILE NAME = D:\60Y25-shr-erosi.dgn



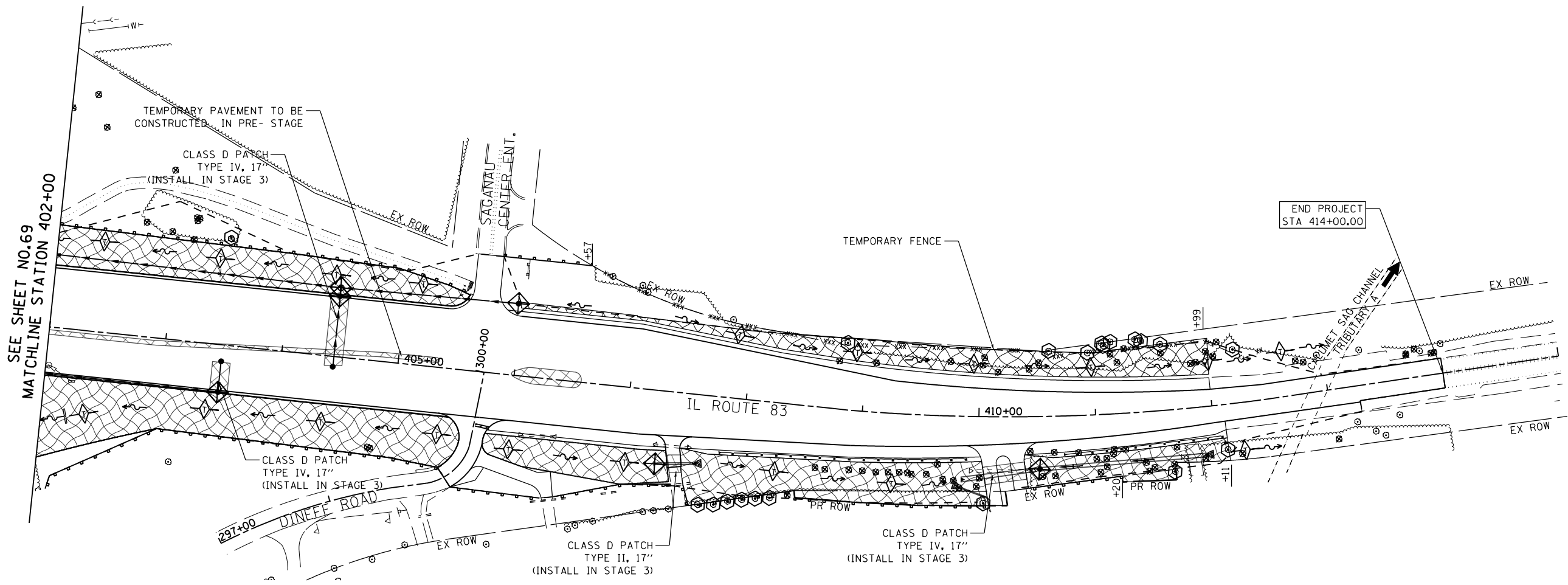
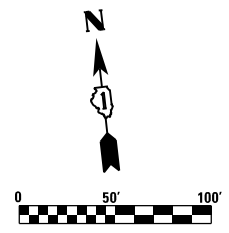
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PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


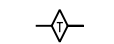








**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
EROSION CONTROL PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 1 OF 4 SHEETS STA. 388+00.00 TO STA. 402+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	69
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

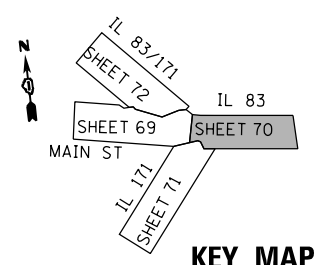


LEGEND

-  PERIMETER EROSION BARRIER
-  DITCH CHECK TEMPORARY
-  INLET AND PIPE PROTECTION
-  TREE REMOVAL
-  PATCH / TEMPORARY PAVEMENT
-  EROSION CONTROL BLANKET
-  RIPRAP
-  ROADWAY DITCH FLOW
-  TREE PROTECTION
-  TEMPORARY FENCE

NOTE:

FOR PERMANENT SEEDING AND SODDING INFORMATION SEE SHEET NO. 116 TO 119 LANDSCAPE PLAN.



KEY MAP

FILE NAME = D:\60Y25-shr-eros2.dgn



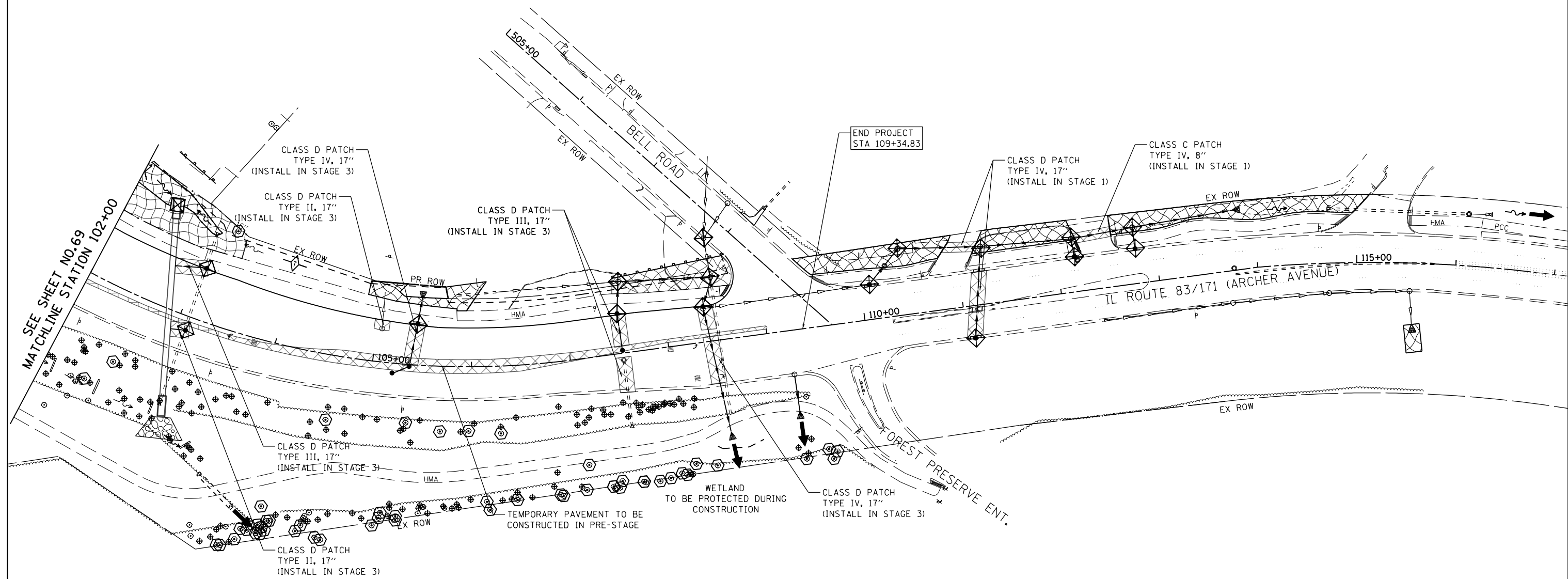
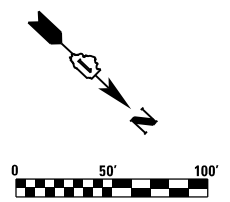
USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
EROSION CONTROL PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. 402+00.00 TO STA. 415+00.00

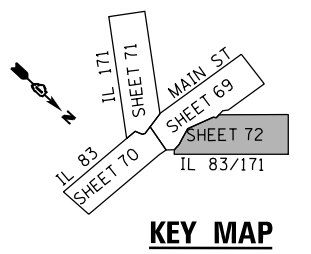
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	70
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|--|----------------------------|--|--------------------|
| | PERIMETER EROSION BARRIER | | RIPRAP |
| | DITCH CHECK TEMPORARY | | ROADWAY DITCH FLOW |
| | INLET AND PIPE PROTECTION | | TREE PROTECTION |
| | TREE REMOVAL | | TEMPORARY FENCE |
| | PATCH / TEMPORARY PAVEMENT | | |
| | EROSION CONTROL BLANKET | | |

NOTE:
FOR PERMANENT SEEDING AND SODDING INFORMATION SEE SHEET NO.116 TO 119 LANDSCAPE PLAN.



KEY MAP

FILE NAME = D:\60Y25-shr-eros4.dgn



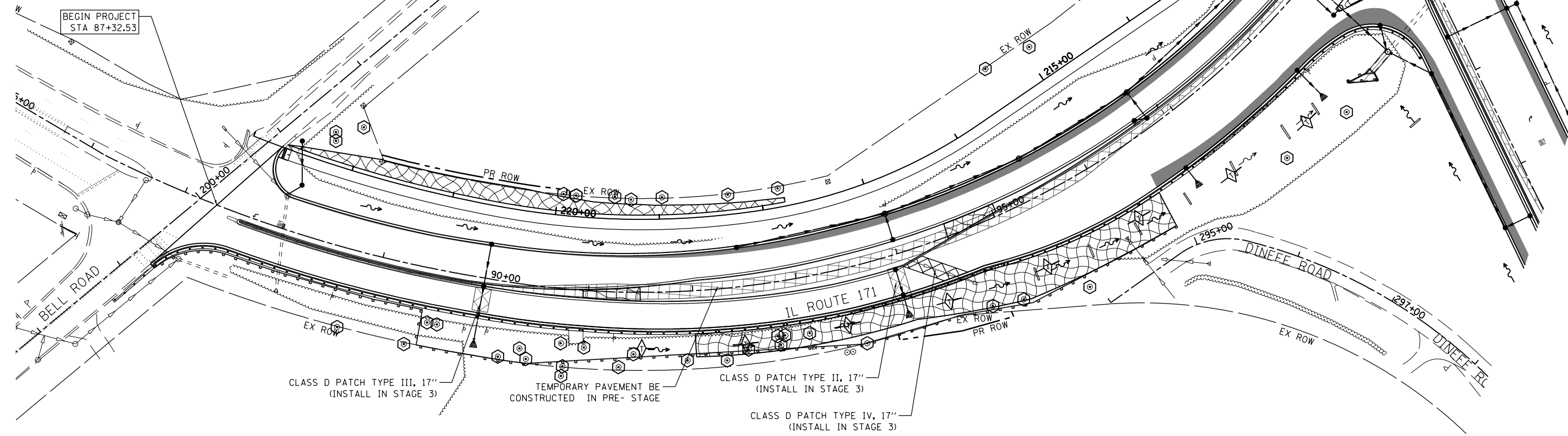
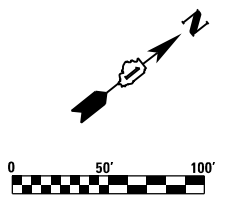
USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1in.	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
EROSION CONTROL PLAN - STAGE 1**

SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. 102+00.00 TO STA. 115+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	72
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

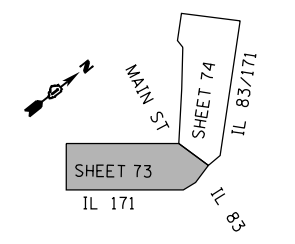


LEGEND

- | | | | |
|--|----------------------------|--|--------------------|
| | PERIMETER EROSION BARRIER | | RIPRAP |
| | DITCH CHECK TEMPORARY | | ROADWAY DITCH FLOW |
| | INLET AND PIPE PROTECTION | | TREE PROTECTION |
| | TREE REMOVAL | | TEMPORARY FENCE |
| | PATCH / TEMPORARY PAVEMENT | | |
| | EROSION CONTROL BLANKET | | |

NOTE:

FOR PERMANENT SEEDING AND SODDING INFORMATION SEE SHEET NO.116 TO 119 LANDSCAPE PLAN.



KEY MAP

FILE NAME = D:\60Y25-shr-eros5.dgn



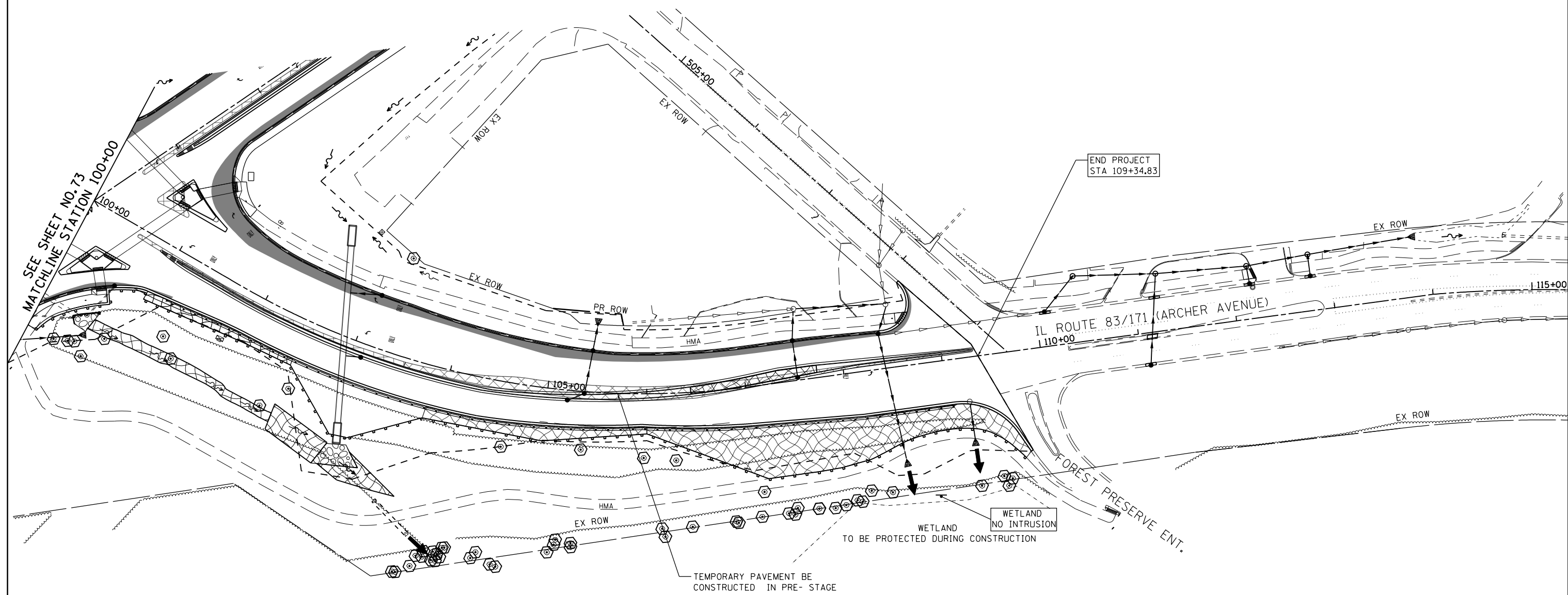
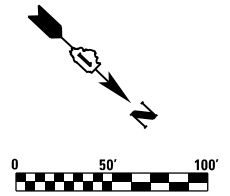
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	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

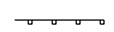
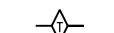








**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
EROSION CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 1 OF 2 SHEETS STA. 84+00.00 TO STA. 100+00.00

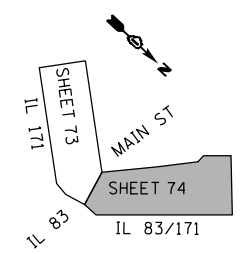
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	73
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

-  PERIMETER EROSION BARRIER
-  DITCH CHECK TEMPORARY
-  INLET AND PIPE PROTECTION
-  TREE REMOVAL
-  PATCH / TEMPORARY PAVEMENT
-  EROSION CONTROL BLANKET
-  RIPRAP
-  ROADWAY DITCH FLOW
-  TREE PROTECTION
-  TEMPORARY FENCE

NOTE:
FOR PERMANENT SEEDING AND SODDING INFORMATION SEE SHEET NO.116 TO 119 LANDSCAPE PLAN.



KEY MAP

FILE NAME = D:\60Y25-shr-eros6.dgn



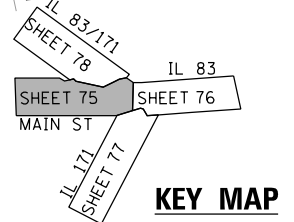
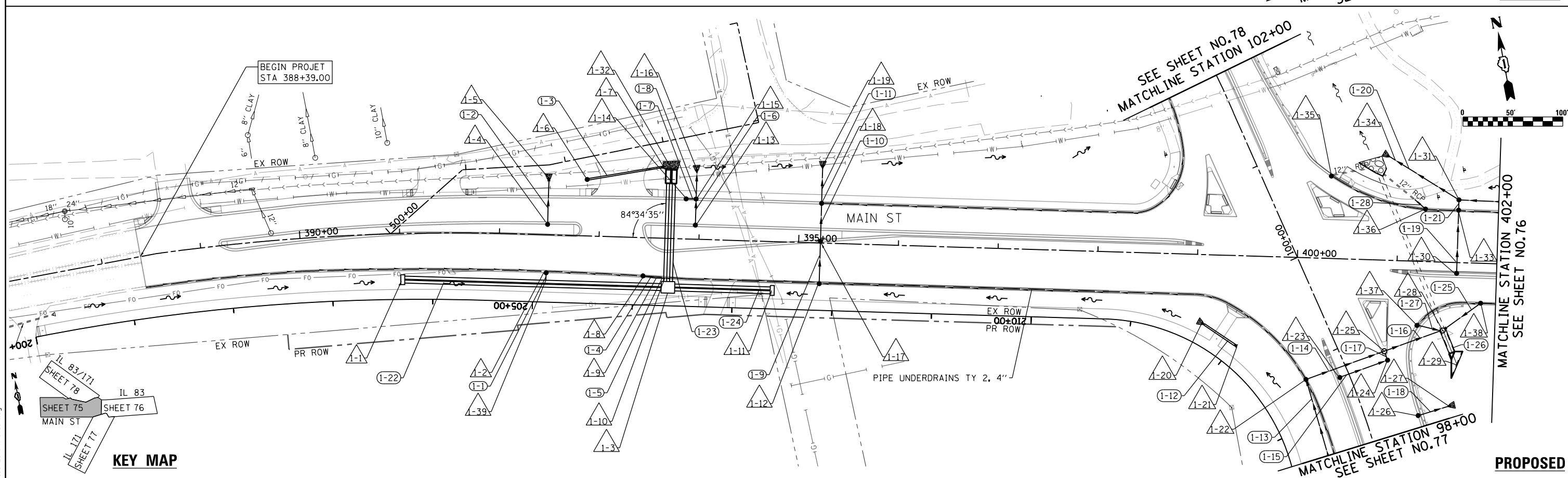
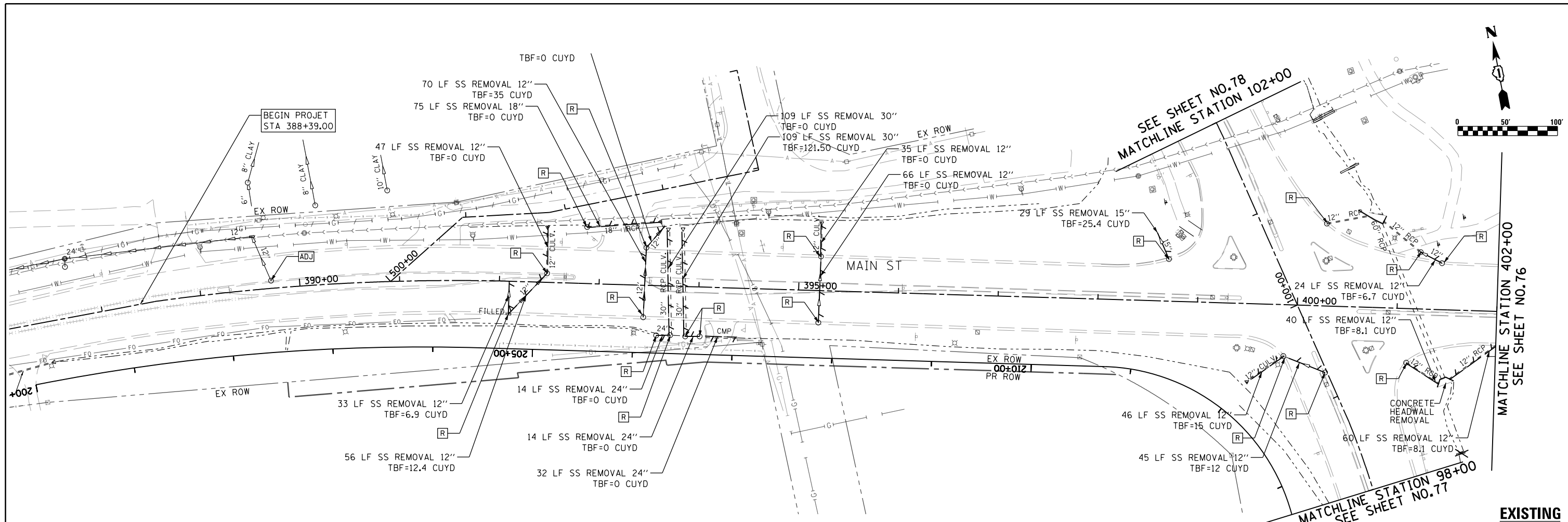
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	DRAWN - VEA	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
EROSION CONTROL PLAN - STAGE 2**

SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. 100+00.00 TO STA. 115+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	74
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME = D:\6025-shr-draw\ldgn

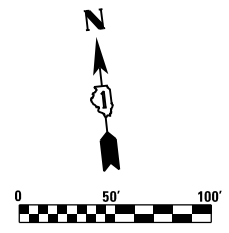


USER NAME = valvarez	DESIGNED - FA	REVISED -
DRAWN - VEA	REVISOR -	
CHECKED - MF	REVISOR -	
DATE - 6/30/2017	REVISOR -	

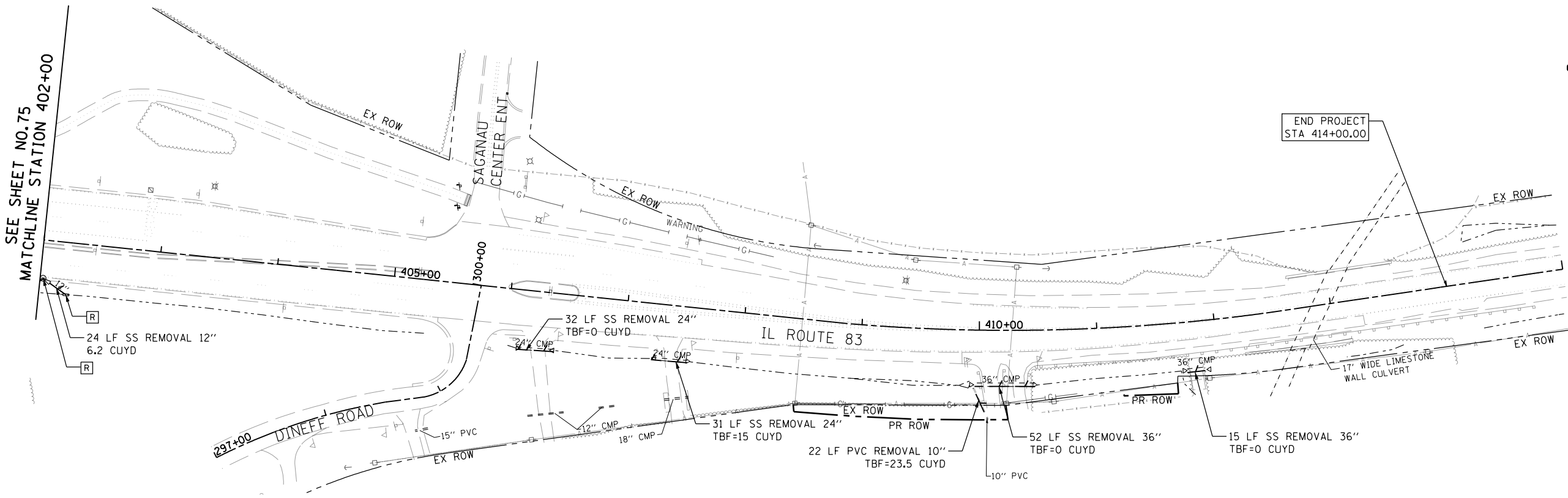
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) DRAINAGE AND UTILITY PLAN		
SCALE: 1"=50'	SHEET NO. 1 OF 4 SHEETS	STA. 388+00.00 TO STA. 402+00.00

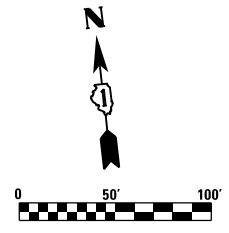
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 75
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



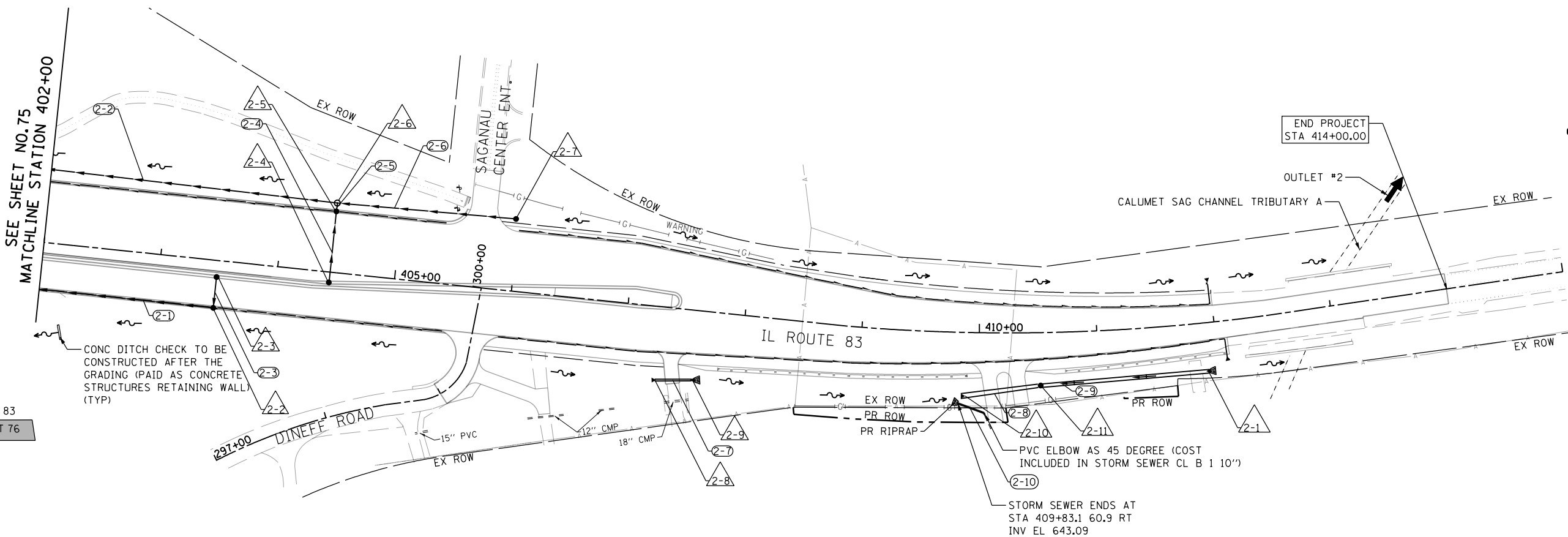
SEE SHEET NO.75
MATCHLINE STATION 402+00



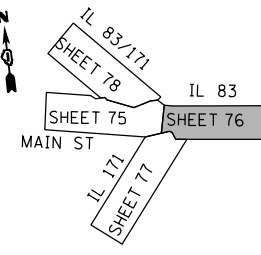
EXISTING



SEE SHEET NO.75
MATCHLINE STATION 402+00



PROPOSED



FILE NAME = D:\6025-shr-drain2.dgn

RME Rubinos & Mesa Engineers, Inc.
200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2462

USER NAME = valvarez	DESIGNED - FA	REVISED -
DRAWN - VEA	REVISOR -	REVISED -
CHECKED - MF	REVISOR -	REVISED -
DATE - 6/30/2017	REVISOR -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

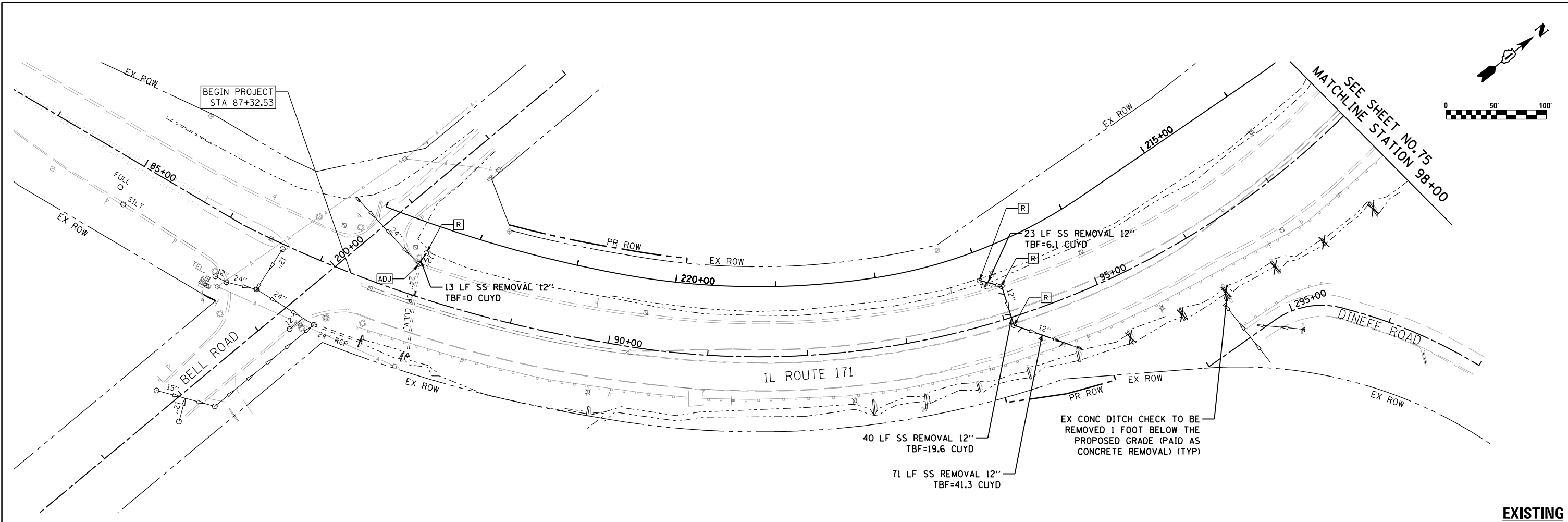
IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
DRAINAGE AND UTILITY PLAN

SCALE: 1"=50'

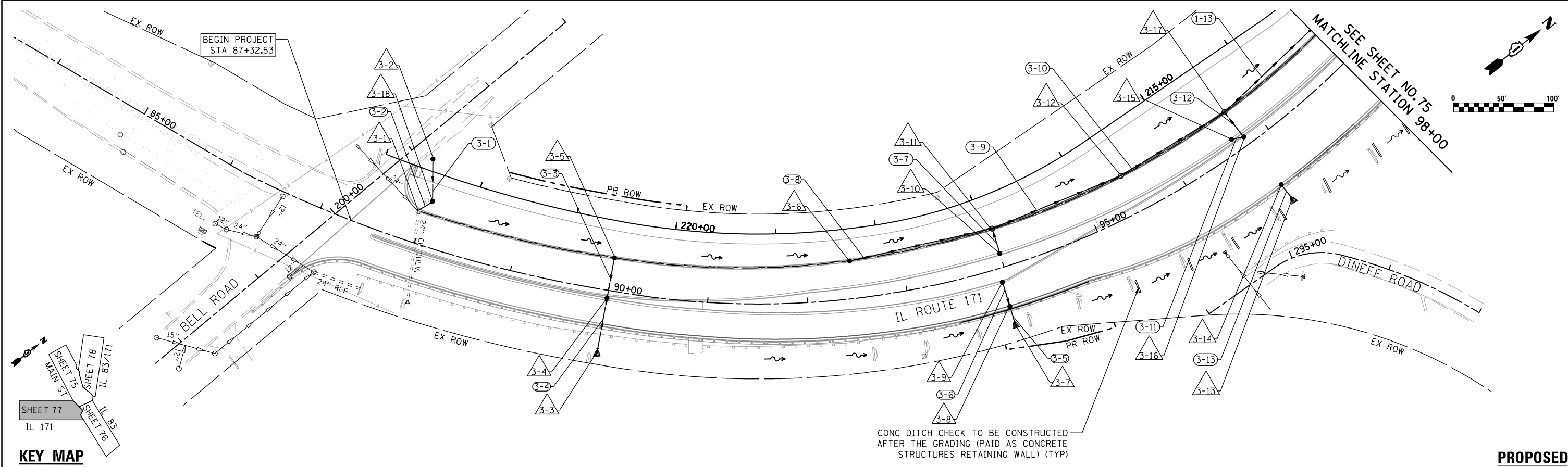
SHEET NO. 2 OF 4 SHEETS

STA. 402+00.00 TO STA. 415+00.00

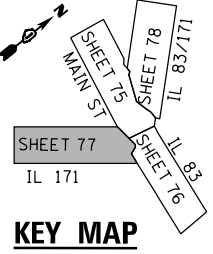
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 76
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING



PROPOSED



KEY MAP

FILE NAME = D:\6025-shr-drain3.dgn

RME Rubinos & Mesa Engineers, Inc.
200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482

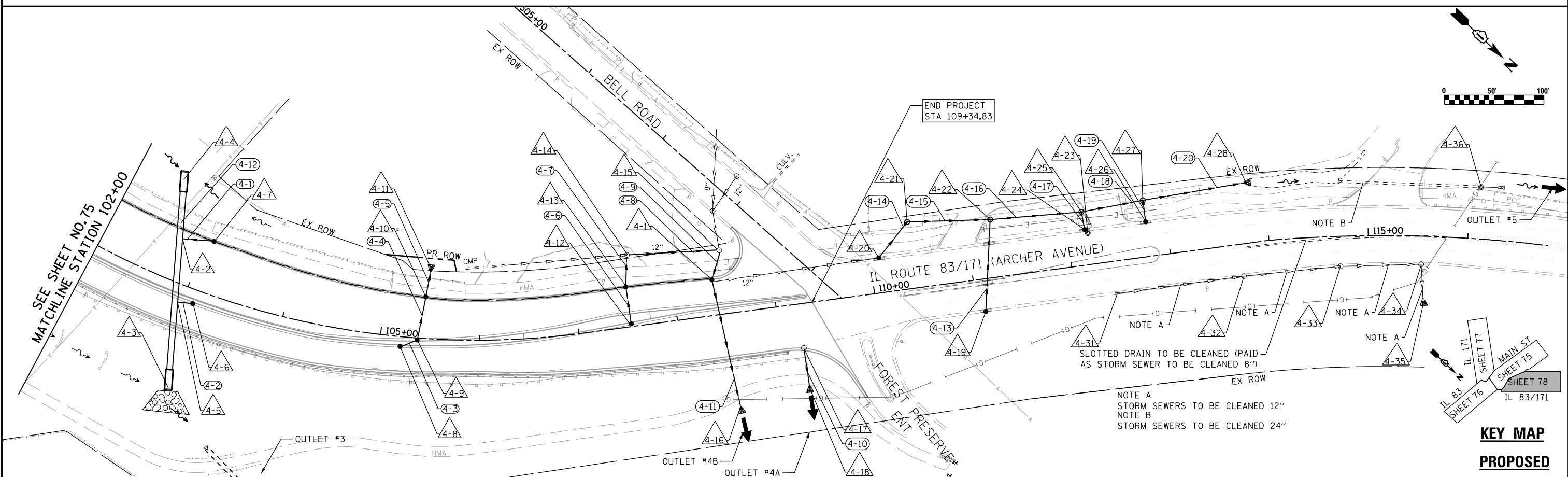
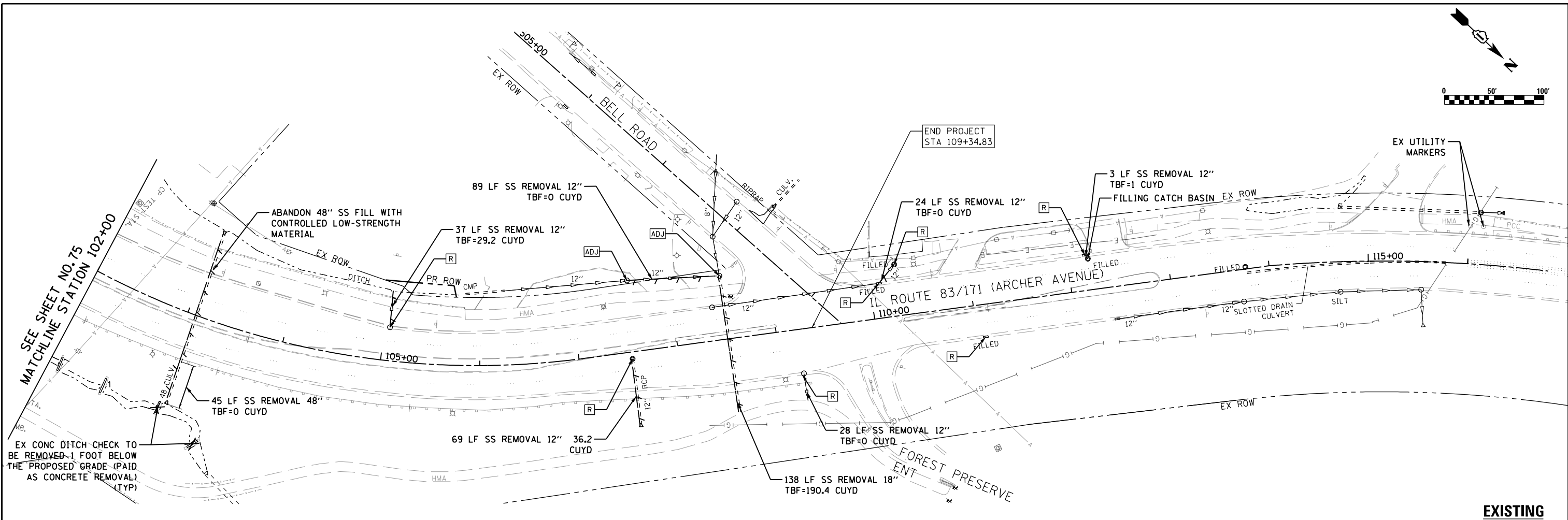
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PLOT SCALE = 100.0000' / 1"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
DRAINAGE AND UTILITY PLAN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	77
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 84+00.00 TO STA. 98+00.00



FILE NAME = D:\60\25-shr-drain.dgn

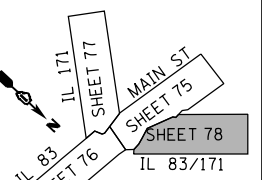
RME Rubinos & Mesa Engineers, Inc.
 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482

USER NAME = VALVAREZ	DESIGNED - FA	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) DRAINAGE AND UTILITY PLAN	
SCALE: 1"=50'	SHEET NO. 4 OF 4 SHEETS
STA. 102+00.00	TO STA. 115+00.00

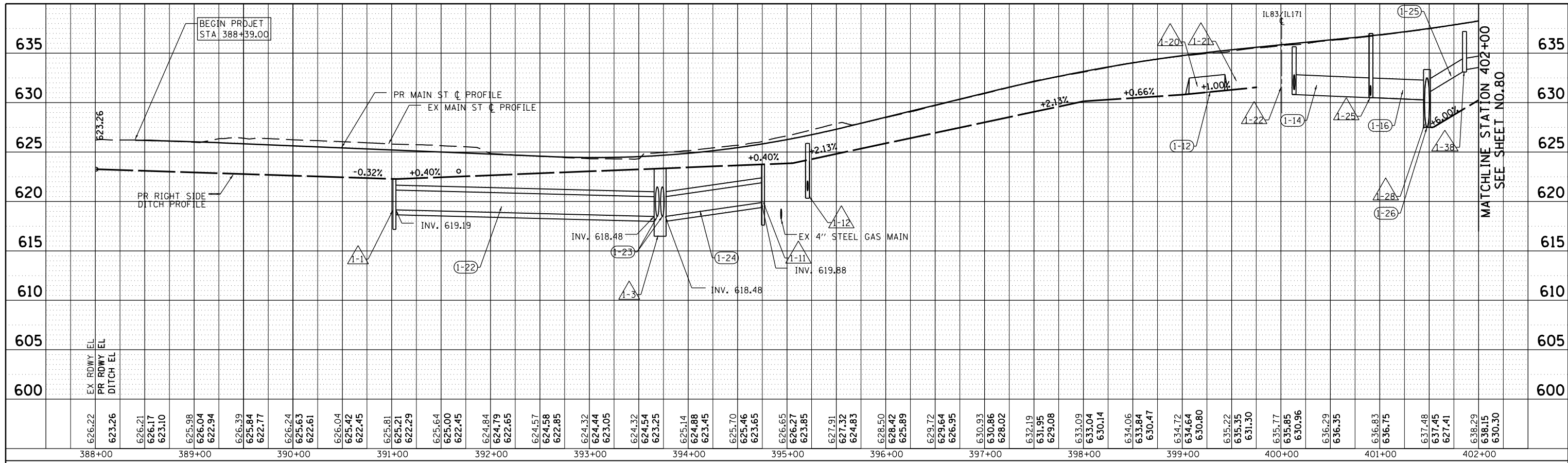
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 78
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**KEY MAP
 PROPOSED**

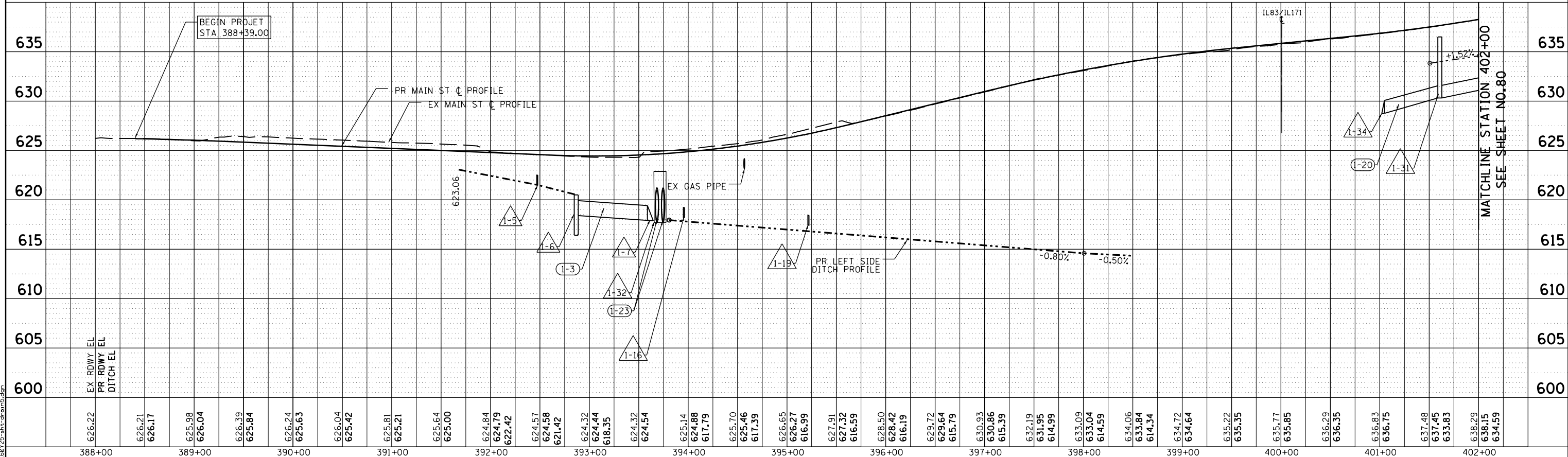
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CPAD		
	NO.		



MAIN STREET EASTBOUND

MAIN STREET WESTBOUND



FILE NAME = D:\0215-ah-draw5.dgn



USER NAME =	VAIVREZ
DESIGNED -	FA
DRAWN -	VEA
CHECKED -	MF
DATE -	2/1/2017

REVISED -	
REVISED -	
REVISED -	
REVISED -	

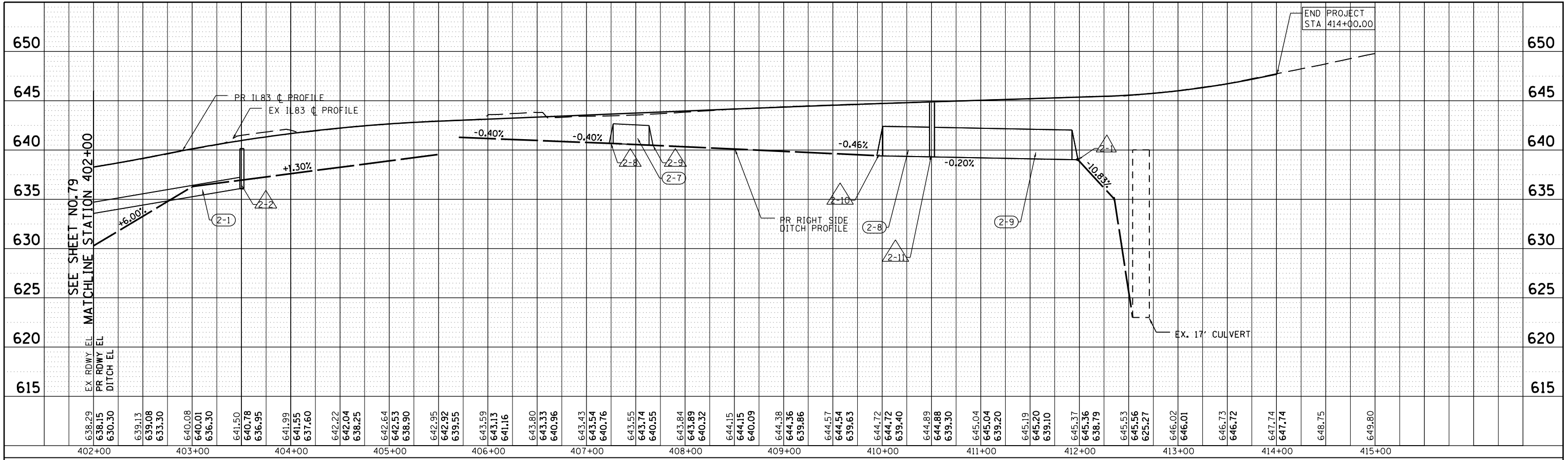
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
DRAINAGE PROFILE**

SCALE: 1"=50'(H); 1"=5'(V) SHEET NO. 1 OF 4 SHEETS STA. 388+00.00 TO STA. 402+00.00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	79
CONTRACT NO. 60Y25				
ILLINOIS FED. AID PROJECT				

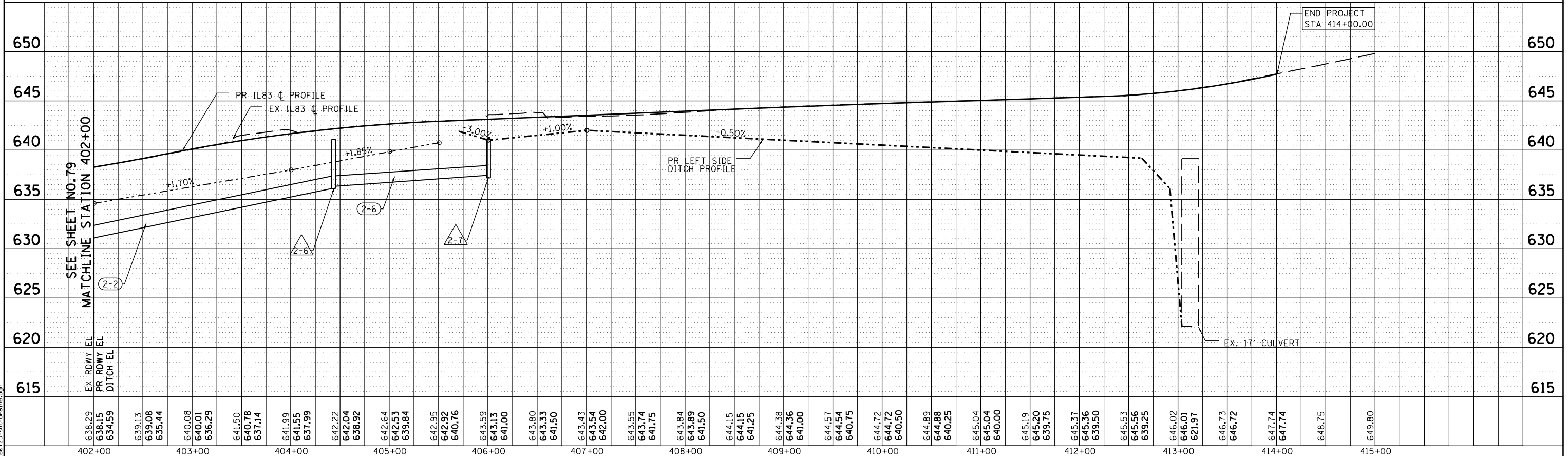
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO.		
	FILE NAME		



IL ROUTE 83 EASTBOUND

IL ROUTE 83 WESTBOUND

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIS		
	CHKD		
	NO.		
	FILE NAME		



IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)

DRAINAGE PROFILE



USER NAME = Valvarez
 DESIGNED - FA
 DRAWN - VEA
 CHECKED - MF
 DATE - 2/1/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

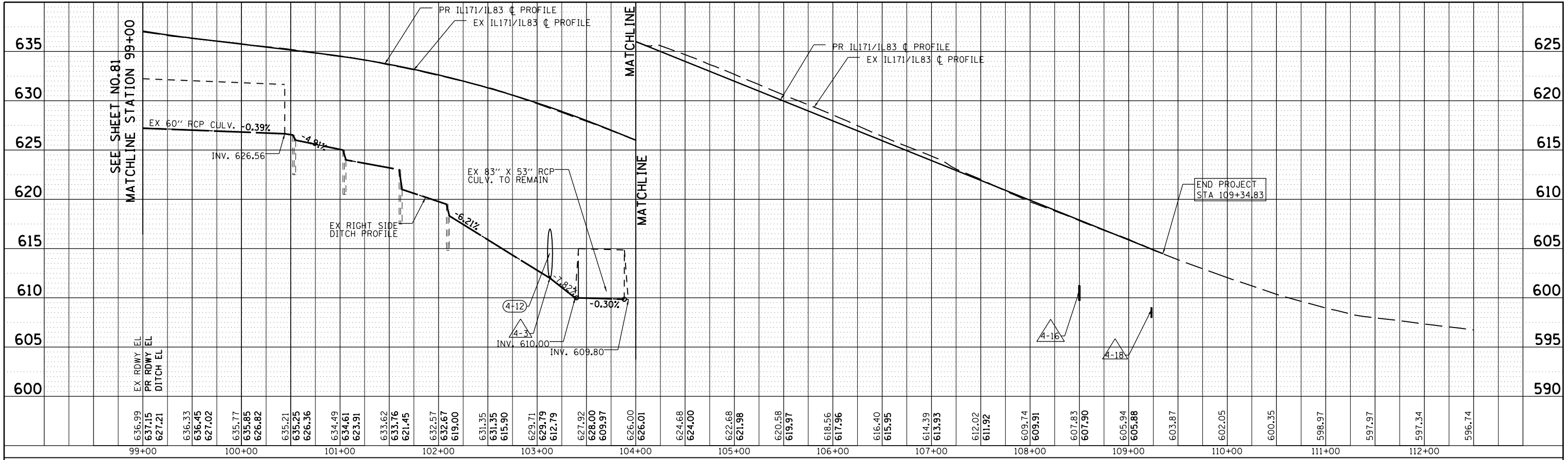
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=50'(H); 1"=5'(V) SHEET NO. 2 OF 4 SHEETS STA. 402+00.00 TO STA. 415+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	80
CONTRACT NO. 60Y25				
ILLINOIS FED. AID PROJECT				

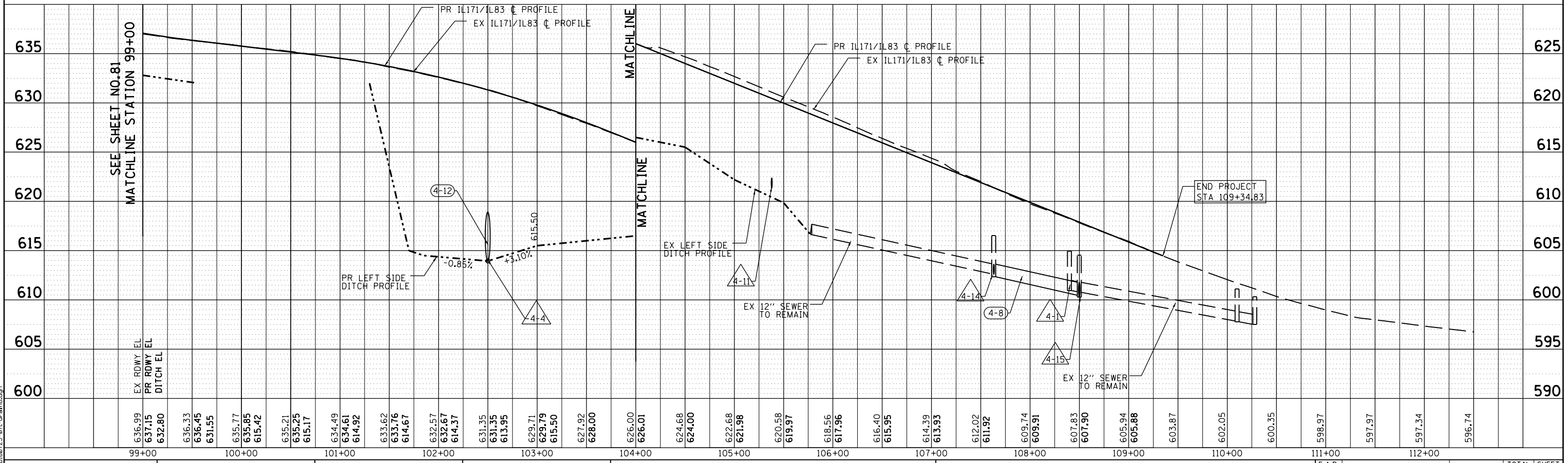
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PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	
	FILE NAME	



IL 171 / IL 83 NORTHBOUND

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	FILE NAME	



IL 171 / IL 83 SOUTHBOUND

FILE NAME = D:\6025-ah-dra\8.dgn



USER NAME = Valvarez	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 1"=50' (H) 1"=5' (V)	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 2/1/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)			
DRAINAGE PROFILE			
SCALE: 1"=50'(H); 1"=5'(V)	SHEET NO. 4 OF 4 SHEETS	STA. 99+00.00 TO STA. 111+00.00	

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 82
CONTRACT NO. 60Y25				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE SCHEDULE

STRUCT NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM	INVERT ELEVATIONS			
						NORTH	EAST	SOUTH	WEST
1-2	392+48.0	35.6RT	CB, TYPE A, 4'-DIAMETER	2-NEEHAH BEEHIVE GRATE R-4342	623.70			619.35	
1-3	393+70.4	49.0RT	DRAINAGE STRUCTURE-1	2-NEEHAH BEEHIVE GRATE R-4342	623.34	618.50	618.50		618.50
1-4	392+48.0	13.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	624.79	621.69			
1-5	392+48.0	56.5LT	PRC FLAR END SEC 12	-	-			621.50	
1-6	392+86.3	56.6LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	620.50		618.45		
1-7	393+62.7	71.6LT	PRC FLAR END SEC 18	-	-				617.87
1-8	393+45.0	37.3RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	623.66		620.10		
1-9	393+58.1	37.8RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	623.78		620.03		620.03
1-10	393+66.9	40.0RT	CONNECTION	-	-				619.99
1-11	394+90.0	49.0RT	DRAINAGE STRUCTURE-2	2-NEEHAH BEEHIVE GRATE R-4342	623.74				619.88
1-12	395+21.8	39.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	625.99	617.41			
1-13	393+96.0	15.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	624.55	618.08			
1-14	393+85.9	39.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	624.00		618.02		
1-15	393+96.0	39.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	624.07	617.95		617.95	617.95
1-16	393+96.0	69.6LT	PRC FLAR END SEC 12	-	-	617.79			
1-17	395+21.8	0.9LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	626.52	617.20		617.20	
1-18	395+21.8	39.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	625.99	617.00		617.00	
1-19	395+21.8	77.5LT	PRC FLAR END SEC 12	-	-	616.82			
1-20	399+68.6	68.6RT	PRC FLAR END SEC 15	-	-		630.83		
1-21	399+42.2	90.9RT	PRC FLAR END SEC 15	-	-				631.26
1-22	400+12.5	122.0RT	MH, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	635.77		630.81	631.36	
1-23	400+47.0	118.6RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	637.33		631.26		
1-24	400+93.7	100.1RT	CB, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	639.11	631.02			631.02
1-25	400+90.1	92.2RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, OPEN LID	638.61		630.50	630.95	630.50
1-26	401+26.0	154.6RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	640.93		631.32		
1-27	401+58.0	143.5RT	PRC FLAR END SEC 12	-	-				631.00
1-28	401+47.9	68.6RT	MH, TYPE A, 8'-DIAMETER	TYPE 1 FRAME, CLOSED LID	637.00	633.03	631.12	627.50	630.28
1-29	401+63.4	102.7RT	C.I.P. CONC END SEC 60	-	-	627.55			
1-30	401+60.0	9.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	637.36	629.48			
1-31	401+60.0	62.9LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	634.00		629.03	629.03	629.03
1-32	393+70.6	69.6LT	2-CONC ES 542001 36 1:3	-	-			617.95	
1-33	401+60.0	51.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	636.62	629.08		629.08	
1-34	400+87.0	105.0LT	PRC FLAR END SEC 15	-	-	628.76			
1-35	400+30.6	82.7LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	635.01		629.68		
1-36	401+27.1	51.4LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	636.17		632.62		
1-37	401+21.3	63.7RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	637.08		633.15		
1-38	401+85.0	39.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	637.19		633.35		631.54
1-39	392+48.0	45.6RT	CONNECTION	-	-			619.32	
2-1	411+93.3	41.3RT	PRC FLAR END SEC 36	-	-				639.02
2-2	403+49.0	39.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	640.14	636.51			634.95
2-3	403+49.0	15.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	640.63			636.63	
2-4	404+44.8	7.8RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	641.87	636.50			
2-5	404+44.8	51.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	641.17	636.21		636.21	
2-6	404+44.8	59.2LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	640.51		636.09	636.18	635.84
2-7	406+00.0	61.5LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	641.00				637.18
2-8	407+26.5	63.1RT	PRC FLAR END SEC 18	-	-		640.66		
2-9	407+62.9	59.1RT	PRC FLAR END SEC 18	-	-				640.49
2-10	409+99.0	55.2RT	PRC FLAR END SEC 36	-	-			639.40	
2-11	410+51.5	45.0RT	CB, TYPE A, 5'-DIAMETER	TYPE 8 GRATE	644.00		639.30		639.30
2-12	410+04.4	68.6RT	PVC ELBOW 45 DEGREE	-	-		643.31		
2-13	409+83.1	60.9RT	PVC PIPE	-	-		643.09		
3-1	87+93.5	34.7LT	CONNECTION	-	-	672.33			
3-2	87+90.6	85.7LT	CB, TYPE A, 5'-DIAMETER	TYPE 8 GRATE	678.50		672.44		
3-3	90+00.0	63.1RT	PRC FLAR END SEC 12	-	-				663.44
3-4	90+00.0	10.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	670.52		663.67		663.67
3-5	90+00.0	32.1LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	668.79		663.86		
3-6	92+46.8	37.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	658.04	651.04			
3-7	93+94.2	57.4RT	PRC FLAR END SEC 12	-	-				651.34
3-8	93+94.2	39.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	656.71		651.39		651.39
3-9	93+94.2	15.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	655.27		651.51		
3-10	94+00.0	15.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	653.24				649.28
3-11	94+00.0	39.0LT	MH, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	651.80	644.51	649.17	646.36	
3-12	95+46.3	39.0LT	MH, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	645.91	639.94		640.20	
3-13	96+77.6	69.6RT	PRC FLAR END SEC 12	-	-				637.17
3-14	96+77.3	51.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	645.34		637.22		
3-15	96+64.1	15.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	642.72	638.72			
3-16	96+75.2	9.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	642.65			638.67	636.54
3-17	96+74.3	39.0LT	MH, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	640.90	636.04	636.40	636.30	
3-18	88+04.4	45.5LT	CB, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, OPEN LID	676.26			672.36	672.36
4-1	108+39.7	36.2LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	607.59	600.30	600.30		600.30
4-2	102+76.4	42.9LT	CONNECTION	-	-	615.24			
4-3	103+14.4	96.4RT	PRC FLAR END SEC 60	-	-			611.90	
4-4	102+53.7	94.3LT	PRC FLAR END SEC 60	-	-				613.95

DRAINAGE STRUCTURE SCHEDULE

STRUCT NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM	INVERT ELEVATIONS			
						NORTH	EAST	SOUTH	WEST
4-5	102+96.0	18.0RT	CONNECTION	-	-			615.29	
4-6	103+10.4	15.0RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	630.30				615.36
4-7	103+08.8	51.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	626.40				615.40
4-8	105+21.0	10.7RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	621.76	617.76			
4-9	105+37.4	0.7RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	620.54				617.68
4-10	105+42.8	40.2LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	617.84			611.47	611.47
4-11	105+46.5	69.8LT	PRC FLAR END SEC 12	-	-			611.36	
4-12	107+53.4	1.8LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	611.74				603.32
4-13	107+53.0	39.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	610.68			603.15	603.15
4-16	108+50.8	96.7RT	PRC FLAR END SEC 12	-	-				599.74
4-18	109+22.6	85.4RT	PRC FLAR END SEC 12	-	-				598.00
4-19	111+08.8	30.6RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	598.01				594.23
4-20	110+09.0	33.2LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	601.06				594.70
4-21	110+42.0	67.0LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	598.75	593.38	594.50		
4-22	111+25.1	58.3LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	598.00	593.16	593.83	593.16	
4-24	112+18.1	33.6LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	596.57				593.65
4-25	112+17.0	53.6LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	597.00	592.93	593.57	592.93	
4-26	112+79.7	33.5LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	596.08				593.16
4-27	112+79.8	56.8LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	596.00	592.77	593.06	592.77	
4-28	113+84.7	60.6LT	PRC FLAR END SEC 18	-	-				592.50
4-14	107+58.3	72.0LT	EX CB	ADJUST	606.18	602.88	603.00	602.98	
4-15	108+51.1	64.1LT	EX CB	ADJUST	602.32		600.42	600.42	
4-17	109+22.3	44.8RT	EX CB	ADJUST	605.10		600.93		
4-23	112+20.5	31.5LT	EX CB	FILLING CATCH BAIN	596.60				
4-31	112+41.6	30.5RT	EX INLET	CLEANING DRAINAGE STRUCTURE	596.06				
4-32	113+70.3	30.2RT	EX CB	CLEANING DRAINAGE STRUCTURE	594.60				
4-33	114+71.0	28.3RT	EX CB	CLEANING DRAINAGE STRUCTURE	593.68				
4-34	115+53.9	26.2RT	EX CB	CLEANING DRAINAGE STRUCTURE	593.36				
4-35	115+57.4	65.4RT	EX FLAR END SEC	CLEANING DRAINAGE STRUCTURE			591.89		
4-36	11609.83	52.3LT	EX MH	ADJUST	596.02				

PIPE UNDERDRAINS SCHEDULE

LOCATION	PIPE UNDERDRAINS TY 2, 4"	PIPE UNDERDRAINS 4" (SPECIAL)	CONCRETE HEADWALLS FOR PIPE DRAINS
	FOOT	FOOT	EACH
MAIN ST			
STA 388+39.00 TO STA 399+52.40 RT	1113		
STA 395+22.00 TO STA 399+00.00 LT	378		
IL ROUTE 83			
STA 401+21.30 TO STA 412+00.00 RT	1079		
STA 400+30.60 TO STA 412+00.00 LT	1169		
STA 411+98.00		19	1
STA 412+08.00		15	1
IL ROUTE 171			
STA 87+93.50 TO STA 98+80.00 LT	1087		
IL ROUTE 83/171			
STA 101+00.00 TO STA 108+39.70 LT	740		
TOTAL	5566	34	

STORM SEWER SCHEDULE

PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)	
	FROM	TO								
1-1	1-2	1-39	STORM SEWERS	A	TYPE 2	12	6	0.50%	1	
1-2	1-4	1-5	STORM SEWERS	WM REO		12	37	0.44%	3	
1-3	1-6	1-7	STORM SEWERS	WM REO		18	70	0.76%	15	
1-4	1-8	1-9	STORM SEWERS	A	TYPE 1	12	10	0.70%	1	
1-5	1-9	1-10	STORM SEWERS	A	TYPE 1	12	6	0.67%	1	
1-6	1-13	1-15	STORM SEWERS	A	TYPE 2	12	23	0.57%	9	
1-7	1-14	1-15	STORM SEWERS	A	TYPE 2	12	7	1.00%	2	
1-8	1-15	1-16	STORM SEWERS	WM REO		12	13	0.84%	5	
1-9	1-12	1-17	STORM SEWERS	A	TYPE 2	12	38	0.55%	39	
1-10	1-17	1-18	STORM SEWERS	A	TYPE 2	12	35	0.57%	37	
1-11	1-18	1-19	STORM SEWERS	A	TYPE 2	12	21	0.86%	12	
1-12	1-21	1-20	PIPE CULVERT	D	TYPE 1	18	31	1.00%	3	
1-13	3-17	1-22	STORM SEWERS	A	TYPE 1	18	194.5	2.41%	37	
1-14	1-22	1-25	STORM SEWERS	A	TYPE 2	24	78	0.40%	34	
1-15	1-23	1-24	STORM SEWERS	A	TYPE 2	12	52	0.46%	24	
1-16	1-25	1-28	STORM SEWERS	A	TYPE 2	24	49.5	0.44%	28	
1-17	1-24	1-25	STORM SEWERS	A	TYPE 2	12	3	2.33%	3	
1-18	1-26	1-27	STORM SEWERS	A	TYPE 2	12	22	1.45%	9	
1-19	1-30	1-33	STORM SEWERS	A	TYPE 2	12	59	0.68%	48	
1-20	1-31	1-34	STORM SEWERS	A	TYPE 2	15	75.5	0.33%	0	
1-21	1-33	1-31	STORM SEWERS	A	TYPE 2	12	6	0.83%	2	
1-22	1-1	1-3 2-	P.C. BOX CULVERT 3x2			36	24	259	0.27%	0
1-23	1-3	1-32	2-STORM SEWERS	A	TYPE 1	36	200	0.27%	24	
1-24	1-11	1-3 2-	P.C. BOX CULVERT 3x2			36	24	95	1.45%	3
1-25	1-38	1-28	STORM SEWERS	A	TYPE 2	18	42	1.00%	3	
1-26	1-28	1-29	PIPE CULVERT	A	TYPE 2	60	24	0.21%	0	
1-27	1-37	1-28	STORM SEWERS	A	TYPE 2	12	25	0.48%	4	
1-28	1-36	EX SS	STORM SEWERS	A	TYPE 1	12	13	0.54%	1	
						2				
2-1	2-2	1-38	STORM SEWERS	A	TYPE 2	12	160	1.00%	30	
2-2	2-6	1-31	STORM SEWERS	A	TYPE 2	18	280	2.43%	0	
2-3	2-3	2-2	STORM SEWERS	A	TYPE 1	12	24	0.50%	3	
2-4	2-4	2-5	STORM SEWERS	A	TYPE 2	12	57	0.51%	15	
2-5	2-5	2-6	STORM SEWERS	A	TYPE 2	12	3.5	0.86%	1	
2-6	2-7	2-6	STORM SEWERS	A	TYPE 1	12	148	0.74%	5	
2-7	2-8	2-9	PIPE CULVERT	D	TYPE 1	24	25	0.46%	4	
2-8	2-10	2-11	PIPE CULVERT	D	TYPE 2	36	55.5	0.16%	26	
2-9	2-11	2-1	PIPE CULVERT	D	TYPE 2	36	135.5	0.20%	0	
2-10	EX SS	See Plan	STORM SEWERS	B	TYPE 1	10	22	1.23%	0	
						2				
3-1	3-2	3-18	STORM SEWERS	A	TYPE 1	24	35	0.23%	0	
3-2	3-18	3-1	STORM SEWERS	A	TYPE 1	24	10	0.30%	1	
3-3	3-5	3-4	STORM SEWERS	A	TYPE 2	12	37	0.51%	12	
3-4	3-4	3-3	STORM SEWERS	A	TYPE 2	12	46	0.50%	17	
3-5	3-8	3-7	STORM SEWERS	A	TYPE 2	12	10	0.50%	1	
3-6	3-9	3-8	STORM SEWERS	A	TYPE 2	12	23	0.52%	4	
3-7	3-10	3-11	STORM SEWERS	A	TYPE 1	18	22	0.50%	1	
3-8	3-6	3-11	STORM SEWERS	A	TYPE 2	12	137	3.42%	51	
3-9	3-11	3-12	STORM SEWERS	A	TYPE 2	18	137	3.15%	57	
3-10	3-12	3-17	STORM SEWERS	A	TYPE 2	18	117	3.11%	32	
3-11	3-15	3-16	STORM SEWERS	A	TYPE 1	12	10	0.50%	1	
3-12	3-16	3-17	STORM SEWERS	A	TYPE 2	12	28	0.50%	8	
3-13	3-14	3-13	STORM SEWERS	A	TYPE 2	12	9	0.56%	6	
						1				
4-1	4-7	4-2	STORM SEWERS	A	TYPE 2	12	30	0.53%	41	
4-2	4-6	4-5	STORM SEWERS	A	TYPE 3	12	13	0.54%	26	
4-3	4-8	4-9	STORM SEWERS	A	TYPE 1	12	15	1.07%	1	
4-4	4-9	4-10	STORM SEWERS	A	TYPE 2	12	41	0.51%	33	
4-5	4-10	4-11	STORM SEWERS	A	TYPE 2	12	21	0.52%	17	
4-6	4-12	4-13	STORM SEWERS	A	TYPE 2	12	34	0.50%	29	
4-7	4-13	4-14	STORM SEWERS	A	TYPE 2	12	29	0.52%	11	
4-8	4-14	4-15	STORM SEWERS	A	TYPE 1	15	85	2.89%	0	
4-9	4-15	4-1	STORM SEWERS	A	TYPE 1	18	153	0.08%	50	
4-10	4-17	4-18	STORM SEWERS	A	TYPE 2	12	30	8.14%	6	
4-11	4-1	4-16	STORM SEWERS	A	TYPE 2	18	127	0.42%	23	
4-12	4-4	4-3	PIPE CULVERT	A	TYPE 3	60	185	1.11%	0	
4-13	4-19	4-22	STORM SEWERS	A	TYPE 1	12	89	0.45%	12	
4-14	4-20	4-21	STORM SEWERS	A	TYPE 2	12	43	0.47%	12	
4-15	4-21	4-22	STORM SEWERS	B	TYPE 2	18	80	0.28%	31	
4-16	4-22	4-25	STORM SEWERS	B	TYPE 1	18	88	0.26%	0	
4-17	4-24	4-25	STORM SEWERS	A	TYPE 1	12	14	0.57%	1	
4-18	4-25	4-27	STORM SEWERS	B	TYPE 1	18	59	0.27%	4	
4-19	4-26	4-27	STORM SEWERS	A	TYPE 1	12	18	0.39%	0	
4-20	4-27	4-28	STORM SEWERS	B	TYPE 1	18	97	0.28%	0	



Route: IL 83
 Section: N/A
 County: Cook
 Station: 401+17
 S.N. Exist: N/A
 S.N. Prop: N/A
 Waterway: Sag Quarries Forest Preserve Slough

Computed by: VP
 Checked by: AJ
 Date: 9/12/2013

Culvert Waterway Information Table

Flood	Frequency Year	Discharge cfs (ex./pr.)	Waterway Opening (sq. ft.)		Natural H.W.E.	Head (ft.)		Headwater Elev. (ft.)	
			Existing	Proposed		Existing	Proposed	Existing	Proposed
	2	N.A./38	N/A	N/A	N/A	N/A	N/A	N/A	629.87
	10	70/68	3.7	3.7	628.4/628.7	2.2	2.2	630.6	630.9
Design	50	131/128	5.9	5.9	628.9/629.2	3.4	3.4	632.3	632.6
Base	100	161/157	6.9	6.9	629.1/629.4	4.3	4.2	633.4	633.6
OVT(E)	>500	231						636.0	
OVT(P)	>500	221							635.9
Max Calc	500	220/218	8.8	8.8	629.5/629.8	6.0	5.9	635.5	635.7

Existing Overtopping Elevation: 636.0
 Proposed Overtopping Evaluation: 635.9
 10-Year Outlet Velocity from Existing Structure = 8.4 fps
 10-Year Outlet Velocity from Proposed Structure = 8.5 fps

OVT = Overtopping Event
 (E) Existing (P) Proposed

DATUM: N/A
 ALL-TIME H.W.E. & DATE: N/A

SCOPE OF WORK:

EXISTING STRUCTURE
 Bridge or Culvert Type: 60" RCP
 Cell Dimensions (W x H): N/A
 # of spans \ cells: N/A
 Length: 168 ft
 U/S Flowline: 627.21
 D/S Flowline: 626.56
 Skew: 23.6 Deg
 Low EOP: 626.09 ft

PROPOSED STRUCTURE
 Culvert Type: 60" RCP
 Cell Dimensions (W x H): N/A
 # of cells: N/A
 Length: 230 ft
 U/S Flowline: 627.50
 D/S Flowline: 626.56
 Skew: 23.6 Deg
 Low EOP: 636.09 ft

EXISTING DROPBOX
 Dimensions:
 Drop:
 Weir Elevation:

PROPOSED DROPBOX
 Dimensions:
 Drop:
 Weir Elevation:

NOTE(S): PROPOSED STRUCTURE DETAILS ARE PRELIMINARY; SUBJECT TO REFINEMENT IS TSL STAGE

Printed 2/21/2017

BBS 2802 (07/29/10)

NOTES:

- OFFSET AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES WHICH ARE LOCATED IN THE GUTTER ARE GIVEN AT THE EDGE OF PAVEMENT. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES NOT LOCATED IN THE GUTTER ARE GIVEN TO THE CENTER OF THE GRATE OR LID.
- STATIONS, OFFSETS, AND INVERT ELEVATIONS FOR FLARED END SECTIONS AND CONCRETE HEADWALLS ARE GIVEN TO THE CENTERLINE OF THE END OF THE STRUCTURE. THE FLARED END SECTIONS AND CONCRETE HEADWALLS ARE TO BE PLACED AT THE SAME SLOPE AS THE PIPE.
- THE STORM SEWER CONNECTION TO THE SEWER OR EXISTING DRAINAGE STRUCTURE IS INCLUDE IN THE COST OF STORM SEWER
- CATCH BASIN TYPE A SUMP DEPTH SHOULD BE 48 INCHES.
- ALL PIPE JOINTS SHOULD BE PER MANUFACTURER INSTRUCTION.
- FOR CAST-IN-PLACE 60" STRUCTURE NUMBER 1-29 DETAILS SEE STANDARD 542206.
- CONTRACTOR TO DETERMINE IF FLAT SLAB TOP IS REQUIRED FOR DRAINAGE STRUCTURE PRIOR TO CONSTRUCTION.

LEGEND:

- [R] EXISTING STRUCTURE TO BE REMOVED
- [ADJ] EXISTING STRUCTURE TO BE ADJUSTED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 STORM SEWER SCHEDULE

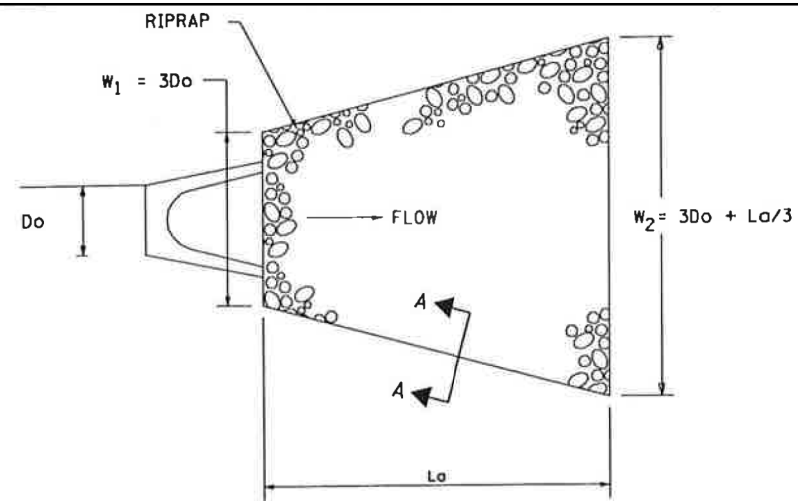
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	84
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

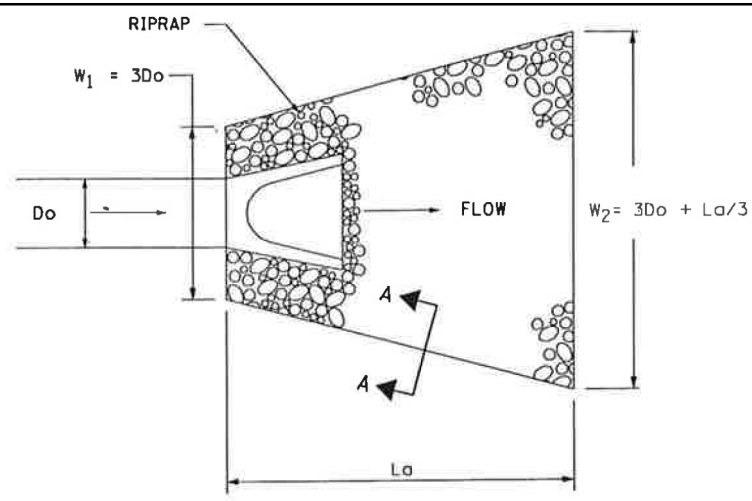


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PLOT SCALE = 1/8" = 1'-0"	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

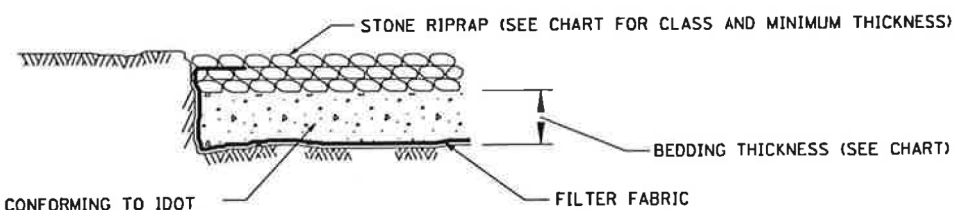
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DETAIL A
RIPRAP FOR PIPE OUTLET TO FLAT AREA AND NO WELL-DEFINED CHANNEL

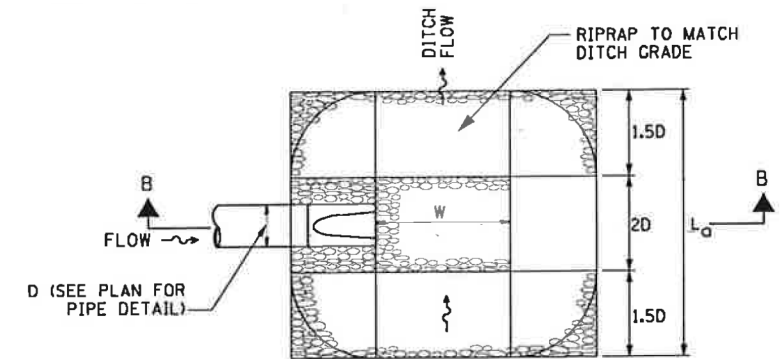


DETAIL B
RIPRAP FOR PIPE OUTLET TO WELL-DEFINED CHANNEL - PARALLEL TO DIRECTION OF DITCH FLOW



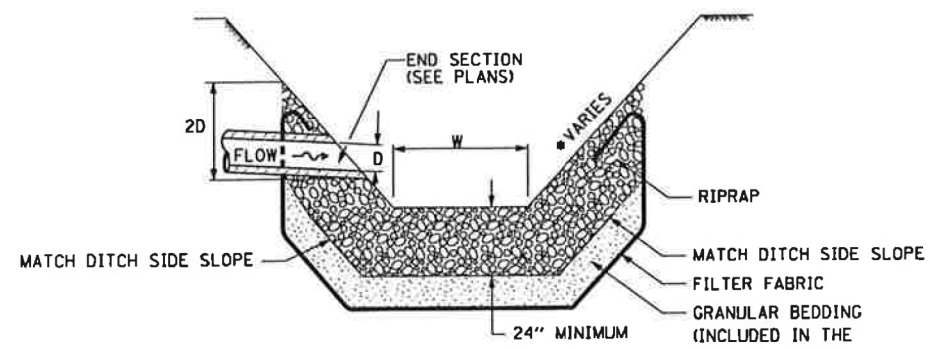
SECTION A-A

BEDDING COURSE AGGREGATE CA-3 CONFORMING TO IDOT ARTICLE 281 (INCLUDED IN THE COST OF STONE RIPRAP)



D = INSIDE DIAMETER OF PIPE CULVERT OR CLEAR HEIGHT OF BOX CULVERT

PLAN



SECTION B-B

*SEE DITCH CROSS SECTION FOR SIDE SLOPE AND DITCH WIDTH (W).

DETAIL C

RIPRAP FOR PIPE OUTLET TO WELL-DEFINED CHANNEL - PERPENDICULAR TO DIRECTION OF DITCH FLOW

NOTES

- ENERGY DISSIPATOR IS TO BE CONSTRUCTED AT THE LOCATION INDICATED ON THE EROSION CONTROL PLAN.
- THE FILTER FABRIC SHALL MEET THE REQUIREMENTS IN MATERIAL SPECIFICATIONS 592 OF ILLINOIS URBAN MANUAL.
- THE ROCK RIPRAP SHALL MEET THE IDOT REQUIREMENTS FOR THE GRADATION SPECIFIED ON THE TABLE, THIS SHEET.
- RIPRAP FOR ENERGY DISSIPATOR SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE IDOT STANDARD SPECIFICATIONS EXCEPT AS REVISED HEREIN.
- THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT SHALL BE AS SPECIFIED IN THESE DETAILS, UNLESS OTHERWISE INDICATED IN THE PLANS.
- THE RIPRAP FOR THE ENERGY DISSIPATOR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD, PAYMENT SHALL BE IN ACCORDANCE WITH ARTICLE 281.07 OF IDOT STANDARD SPECIFICATION.
- THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE SKETCH TO THE LENGTH, WIDTH, AND DEPTH AS SPECIFIED. THE EXCAVATED MATERIAL SHALL BE UTILIZED IN THE ROADWAY EMBANKMENT OR REMOVED FROM SITE AS DIRECTED BY THE ENGINEER.

RIPRAP INFORMATION TABLE

STRUCTURE NO.	SIZE OF OUTFALL (INCH)	STONE DIAMETER d50 (INCH)	IDOT GRADATION	MINIMUM THICKNESS (INCH)	BEDDING THICKNESS d (INCH)	RIPRAP DETAIL	APRON LENGTH (MIN) La (FEET)	W1 (FEET)	W2 (FEET)	QUANTITY (SQ YD)
1-5	12	5	RR3	8	-	C	5	4	5.67	3
1-7	18	5	RR3	8	-	C	7.5	5.75	8.25	6
1-32	2-36	9	RR4	16	6	C	8	14	17	14
1-16	12	5	RR3	8	-	C	5	4	5.67	3
1-19	12	5	RR3	8	-	C	5	4	5.67	3
1-20	15	5	RR3	8	-	B	6.25	4.88	6.96	4
1-27	12	5	RR3	8	-	A	5	4	5.67	3
1-34	15	5	RR3	8	-	A	6.25	4.88	6.96	4
2-9	18	5	RR3	8	-	C	7.5	5.75	8.25	6
2-12	36	9	RR4	16	6	C	15	11	16	23
3-3	12	5	RR3	8	-	C	5	4	5.67	3
3-7	12	5	RR3	8	-	C	5	4	5.67	3
3-13	12	5	RR3	8	-	C	5	4	5.67	3
4-3	60	9	RR4	16	6	C	25	18	26.33	62
4-11	12	5	RR3	8	-	C	5	4	5.67	3
4-16	12	5	RR3	8	-	A	5	4	5.67	3
4-18	12	5	RR3	8	-	A	5	4	5.67	3
EX-HW	60	9	RR4	16	6	C	25	18	26.33	62
4-28	18	5	RR3	8	-	B	6.25	5.75	7.83	5
4-35	12	5	RR3	8	-	A	5	4	5.67	3

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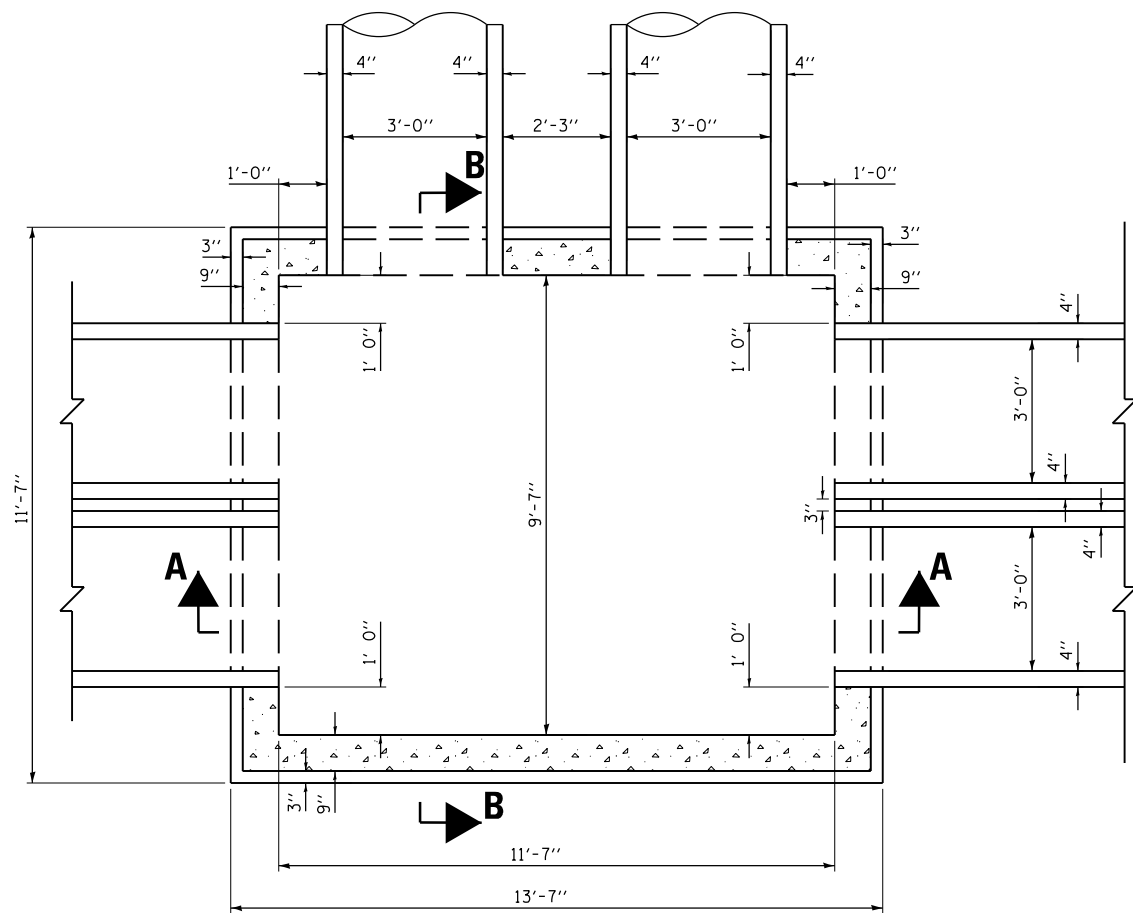
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PLOT SCALE = 4.0000' / 1" =	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
RIPRAP DETAIL**

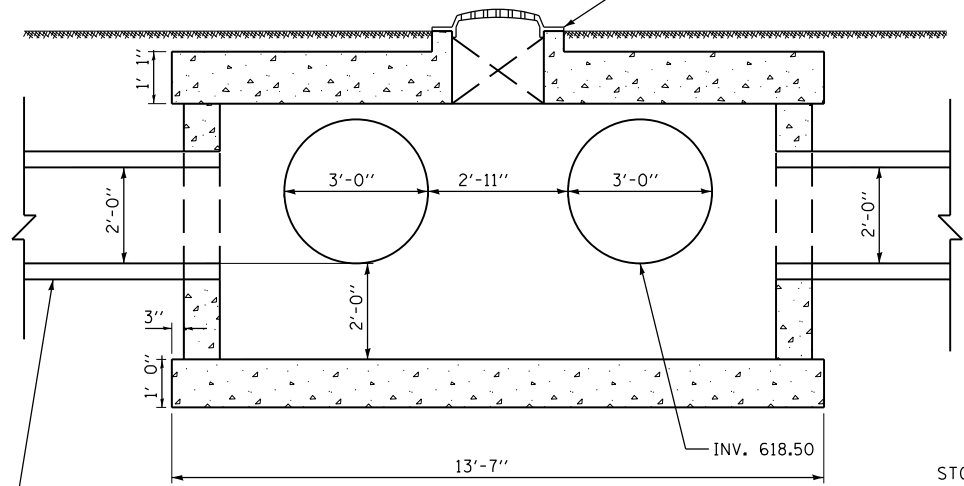
SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	85
CONTRACT NO. 60Y25			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PLAN

ELEV. 623.34

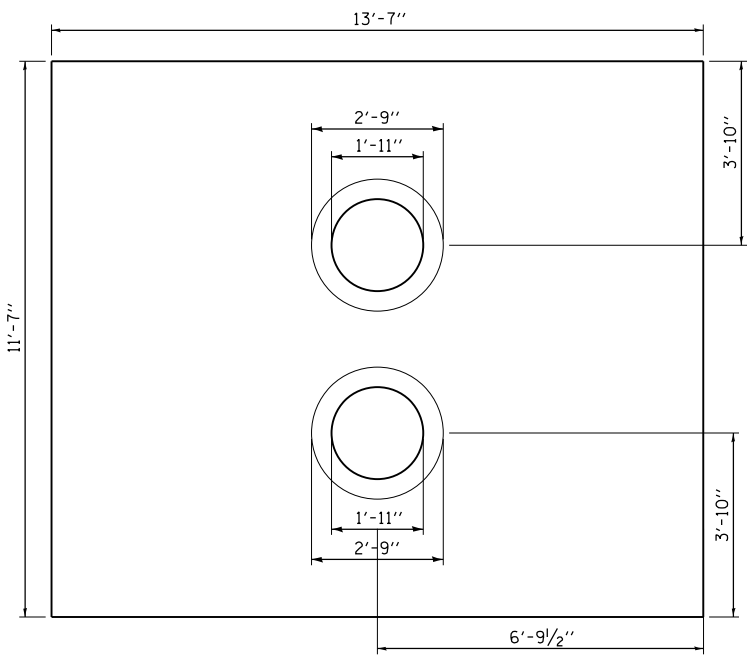


SECTION A-A

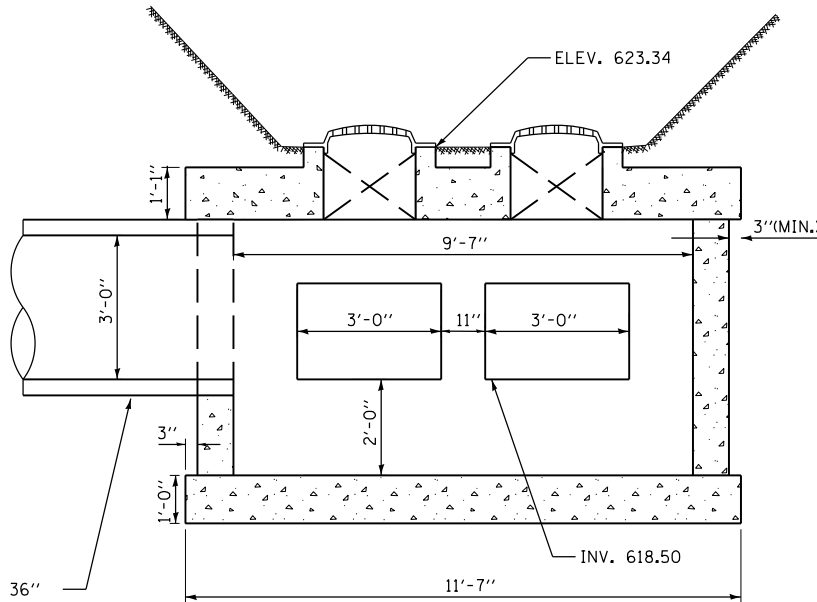
STORM SEWER BOX CULVERT
LOCATION AND SIZE AS SHOWN
ON PLAN

STORM SEWER 36"
LOCATION AS SHOWN
ON PLAN

STRUCTURE NO 1-3



REINFORCED CONCRETE LID



SECTION B-B

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
CONCRETE STRUCTURES	CUYD	17.6
REINFORCEMENT BARS, EPOXY COATED	POUND	2860
NEENAH BEEHIVE GRATE TYPE R-4342	EACH	2

NOTES

1. PRECAST CONCRETE UNITS WILL BE ACCEPTABLE PROVIDED THEY MEET ALL THE REQUIREMENTS AS SHOWN ON THIS DRAWING. BASE EXTENSION OF 3" NOT REQUIRED FOR PRECAST UNITS, FABRICATION DRAWINGS SHOWING PIPE OPENINGS AND OTHER PERTINENT DIMENSIONS WILL BE REQUIRED FOR EACH UNIT.
2. THE CONTRACT UNIT PRICE FOR EACH SHALL INCLUDE ALL EXCAVATION, BACKFILL, CONCRETE, REINFORCEMENT, FRAME, GRATE AND OTHER INCIDENTALS AS SPECIFIED ON THIS DETAIL AND IN THE SPECIAL PROVISION.
3. FRAME AND GRATE SHALL BE NEENAH BEEHIVE GRATE TYPE R-4342 OR APPROVED EQUAL.
4. THE CONTRACTOR SHALL DESIGN ALL CONSTRUCTION JOINTS AND REINFORCEMENT. THE CONTRACTOR MUST SUBMIT ALL DETAILS FOR APPROVAL BY IDOT PRIOR TO CONSTRUCTION.
5. REINFORCEMENT BARS SHALL BE EPOXY COATED.
6. MORTAR OR SEALER SHALL BE USED WHEN PRECAST REINFORCED CONCRETE LID IS USED.
7. STONE RIPRAP, CLASS A1 TO BE PLACED ON CONCRETE LID INSTEAD OF TOPSOIL.

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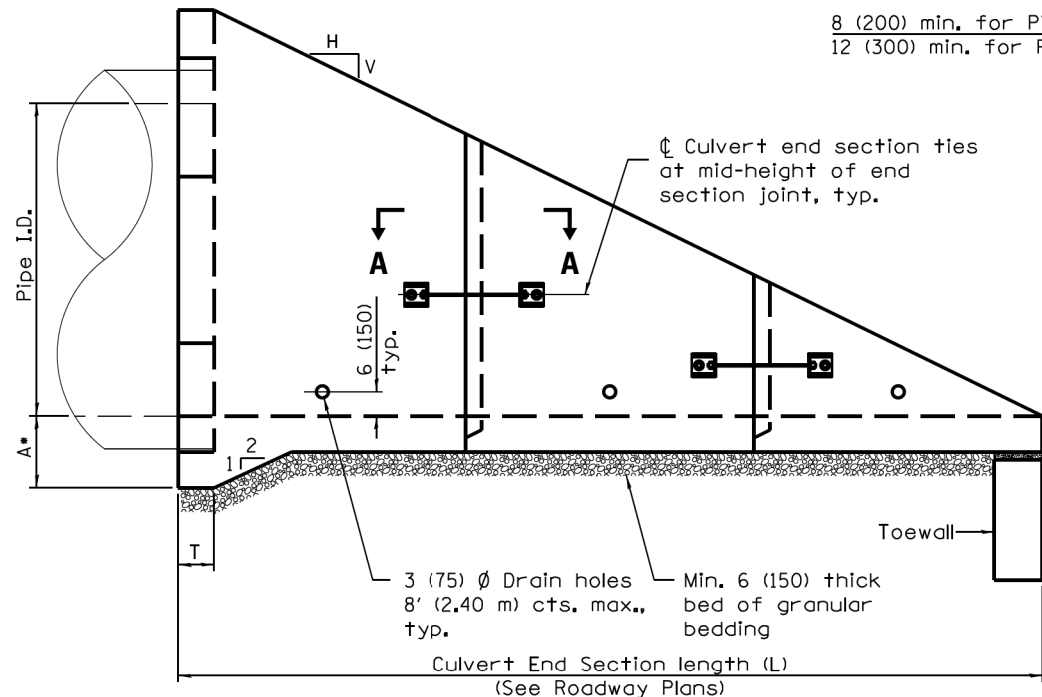
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PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
DRAINAGE STRUCTURE - 1**

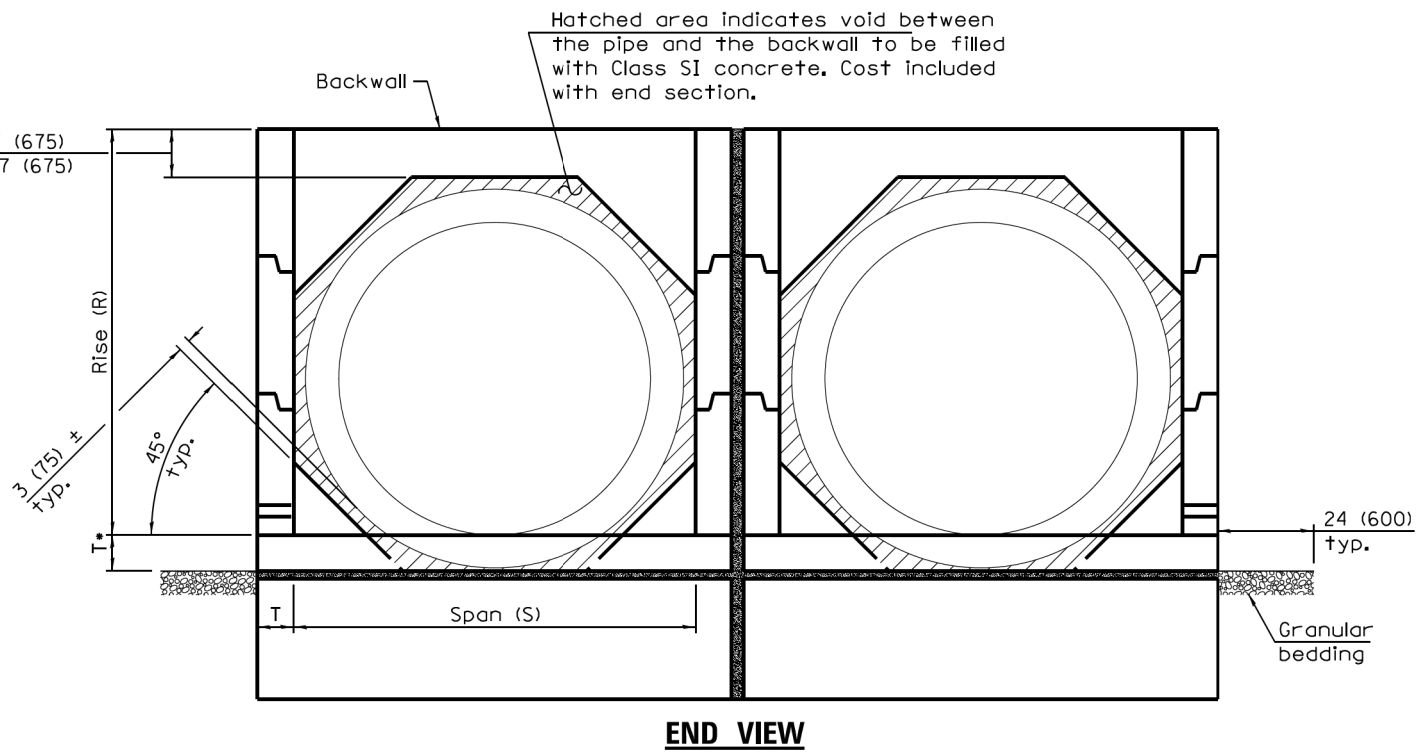
SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	86
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

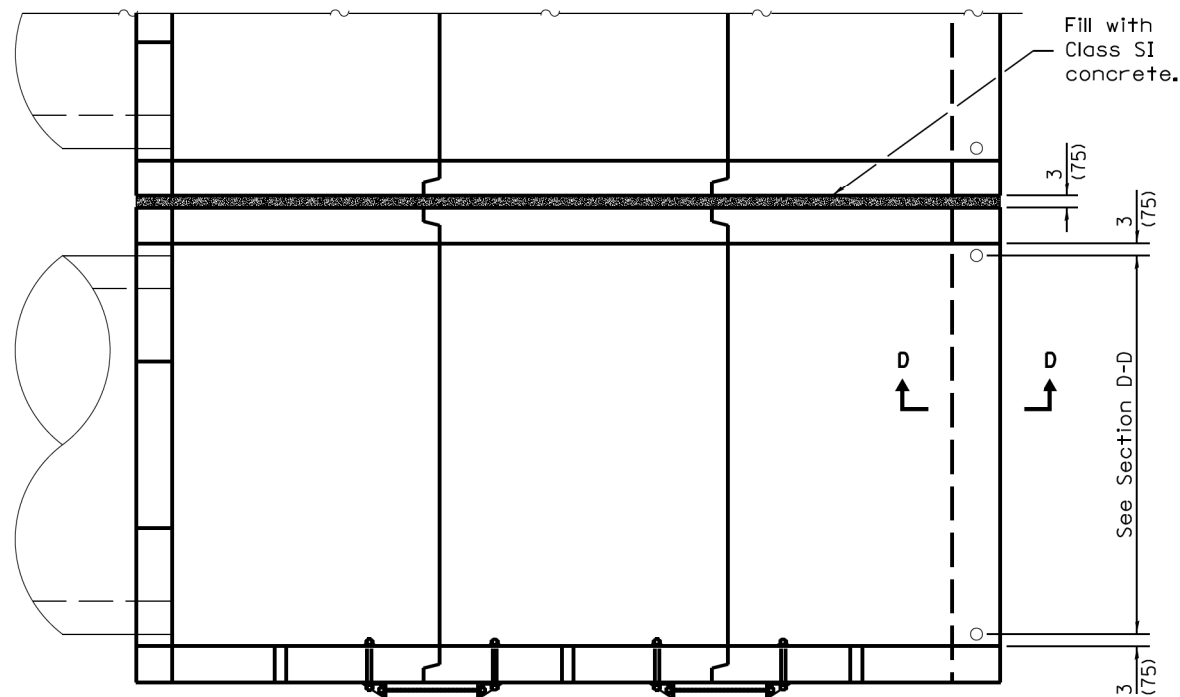


ELEVATION

- This dimension shall be increased by 1/2 (38) for CIP field construction.



END VIEW



PLAN

PIPE CULVERT END SECTION DIMENSIONS

Pipe I.D.	A	R	S	T	L	
					Slope of End Section	
					1:3	
36 (900)	16 (400)	4'-8" (1.42 m)	4'-4" (1.32 m)	8 (200)	14'-8" (4.47 m)	

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
CONCRETE STRUCTURES	CUYD	4.7
REINFORCEMENT BARS, EPOXY COATED	POUND	630
TRAVERSABLE PIPE GRATE	FOOT	26

THIS WORK SHALL BE PAID AS CONCRETE END SECTION, STANDARD 542001 36", 1:3

GENERAL NOTES

The number of segments shown in elevation is for example only. The length and number of precast sections required to construct the end section shall be determined by the Contractor.

See roadway plans for slope (V:H) and pipe inside diameter.

End section may be installed up to ± 15 degrees skewed with roadway.

2/4 x 2/4 x 5/16 (56 x 56 x 8) plate washers shall be provided under each nut required for the anchor rods. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of formed holes.

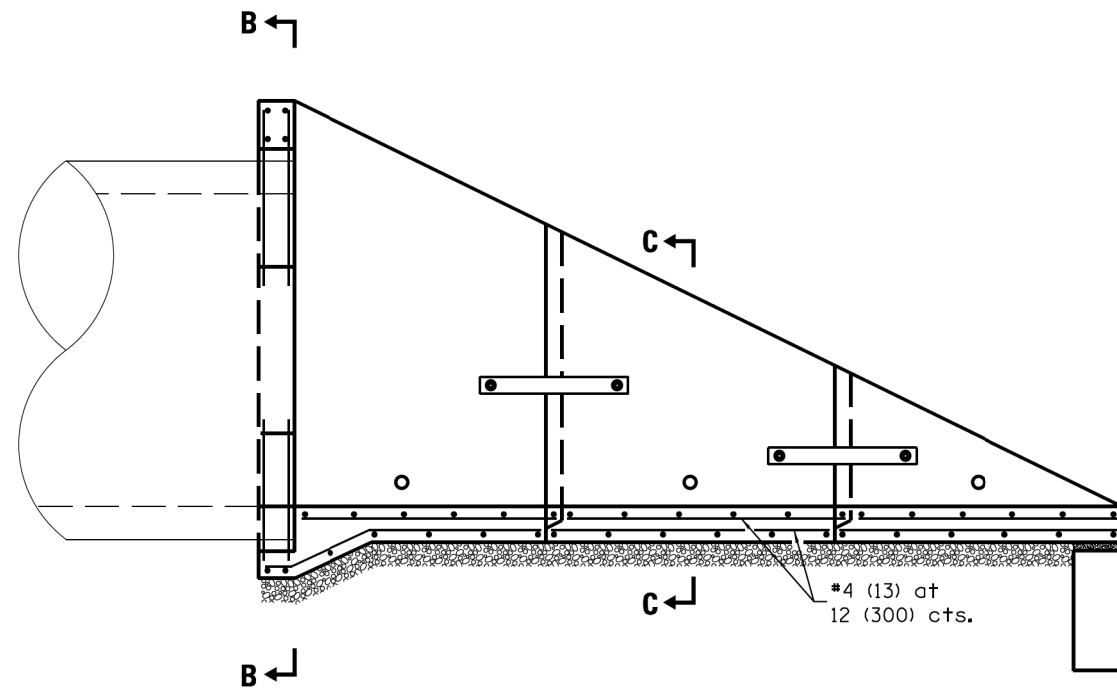
See Standard 542311 for end sections having traversable pipe grate.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

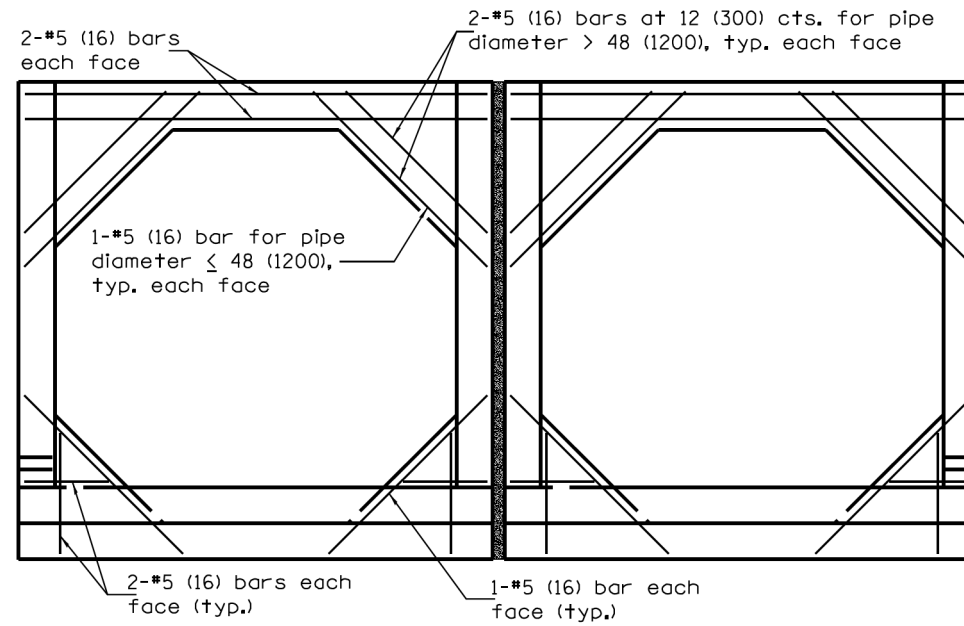
All dimensions are in inches (millimeters) unless otherwise shown.

The Class SI Concrete fill the gap between the concrete end section is included in the cost of the pay item.

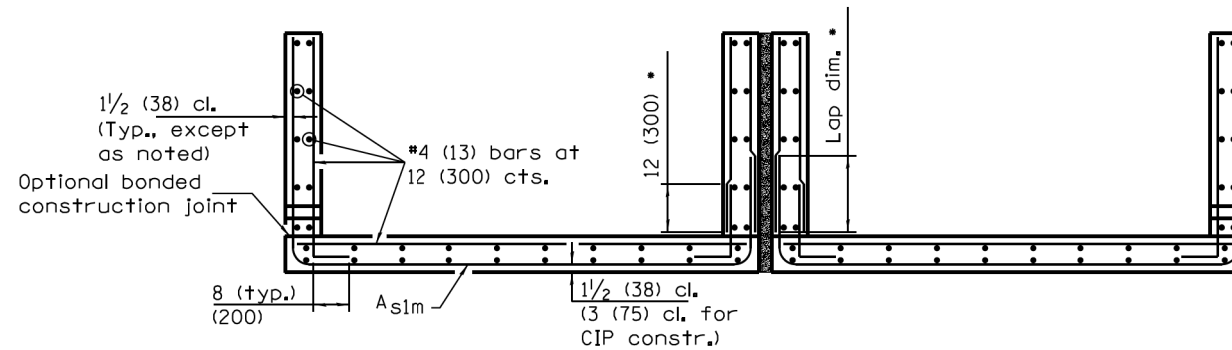
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LONGITUDINAL SECTION
(Showing bottom slab and backwall reinforcement.)

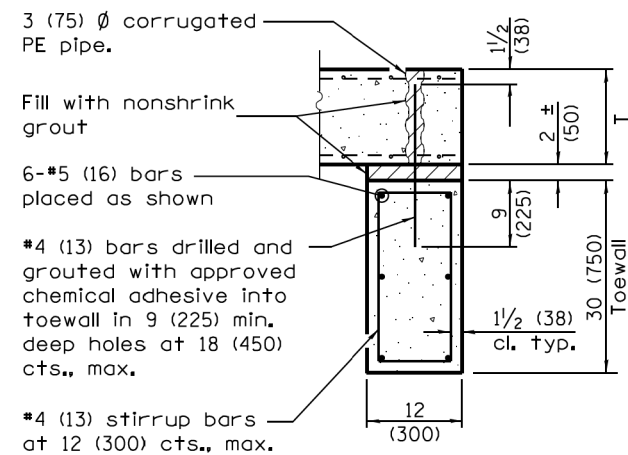


SECTION B-B
(Showing backwall reinforcement only.)
(Pipe omitted for clarity.)



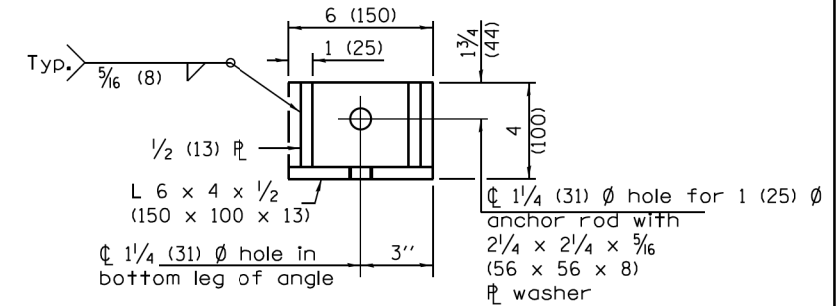
SECTION C-C

* The Contractor may use lap splices for the sidewall reinforcement at the locations shown.

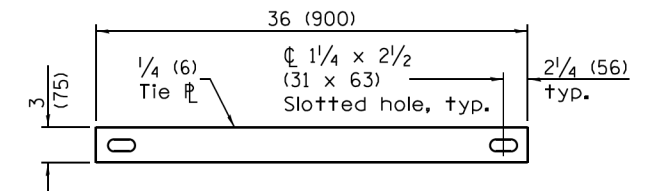


SECTION D-D
QUANTITIES PER END SECTION

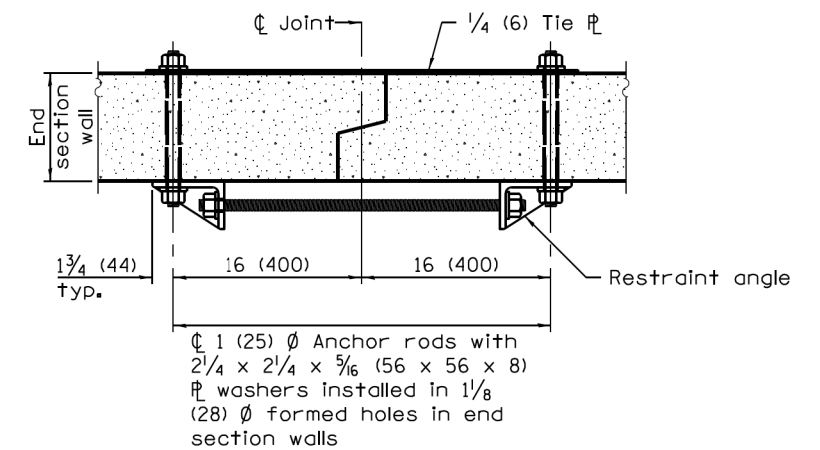
Pipe I.D.	Concrete yd ³ (m ³) ①	Reinforcement Without Lap lbs. (kg)	Reinforcement With Lap lbs (kg)
	Slope of End Section	Slope of End Section	Slope of End Section
	1:3	1:3	1:3
36	4.7	580	630
(900)	(3.6)	(262.4)	(286.1)



RESTRAINT ANGLE DETAIL



TIE PLATE DETAIL



SECTION A-A
(Showing end section tie details)

LAP DIMENSION

- #4 (13) bar = 17 (425)
- #5 (16) bar = 21 (525)
- #6 (19) bar = 25 (625)

REINFORCEMENT SCHEDULE

Pipe I.D.	As1m	
	Bar Size	Bar Spacing
36 (900)	4 (13)	12 (300)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
MULTI CONCRETE END SECTION FOR PIPE CULVERTS

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	89

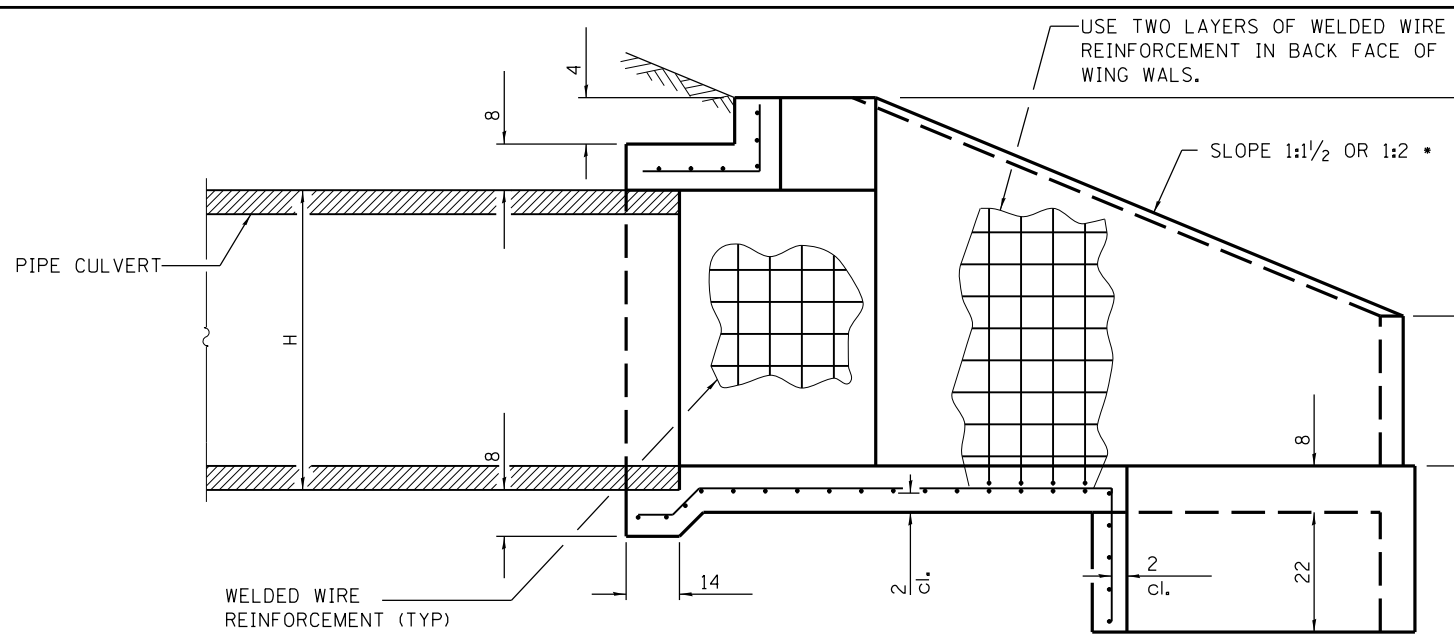
CONTRACT NO. 60Y25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

FILE NAME = D:\60Y25-sh-t-detail3.dgn

RME Rubinos & Mesa Engineers, Inc.
200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2462

USER NAME	DESIGNED	REVISIONS
VAIvarez	FA	-
	VEA	-
	MF	-
		-

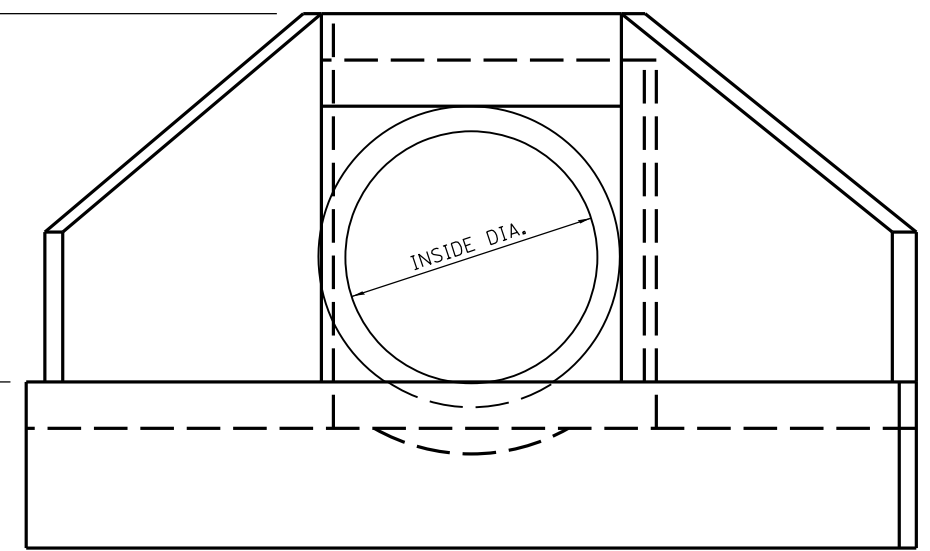
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PLOT DATE = 8/19/2017



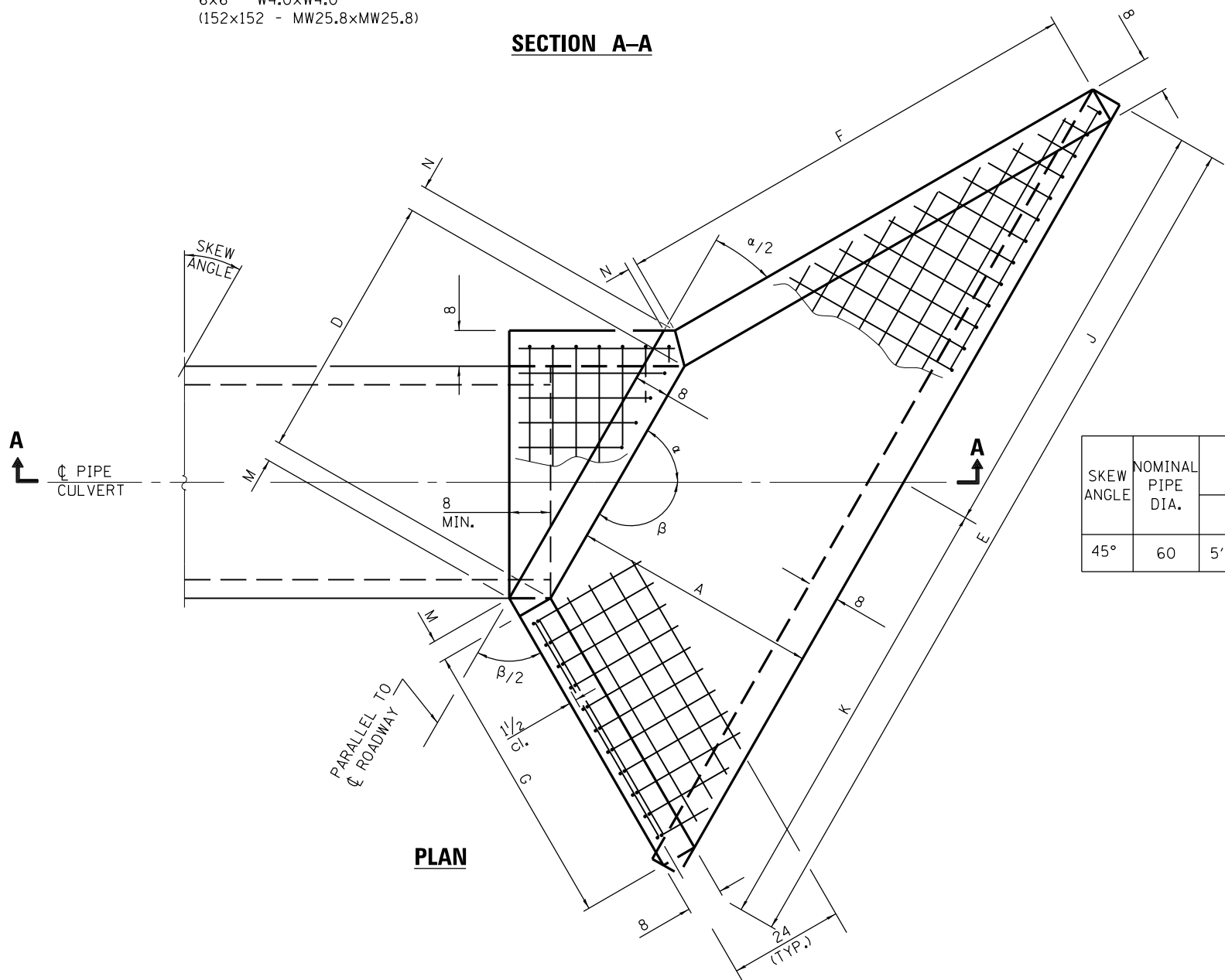
WELDED WIRE REINFORCEMENT (TYP)
 6x6 - W4.0xW4.0
 (152x152 - MW25.8xMW25.8)

SECTION A-A

• IF THE EMBANKMENT SLOPE ABOVE THE HEADWALL IS FLATTER THAN 1:2, PROVIDE WINGS FOR 1:2 SLOPE.



END VIEW



PLAN

SKEW ANGLE	NOMINAL PIPE DIA.	DIMENSIONS FOR CONCRETE													CONCRETE 2 END SECS. CU. YD.	WELDED WIRE REINFORCEMENT 2 END SECS. SQ. YD ₃
		A	B	C	D	E	F	G	H	J	K	M	N	α		
45°	60	5'-4"	35	6'-6"	8'-5 3/4"	24'-5 1/4"	13'-11 1/4"	5'-9 1/4"	6'-0"	12'-0 1/2"	12'-4 3/4"	5 1/4	1 1/2	45°	16.7	103

GENERAL NOTES

- BUILD TOPS OF HEADWALLS PARALLEL TO GRADE LINE.
- WHEN LAPPING SHEETS OF WELDED WIRE REINFORCEMENT, THE OVERLAP MEASURED BETWEEN THE OUTERMOST CROSS WIRES OF EACH REINFORCEMENT SHEET SHALL NOT BE LESS THAN 8.
- ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).
- ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SHOWN.
- SEE STANDARD 542206

FILE NAME = D:\60Y25-shr-detail10.dgn

RME Rubinos & Messia Engineers, Inc.
 200 S. Michigan Avenue, Suite 1500, Chicago, IL 60604-2482

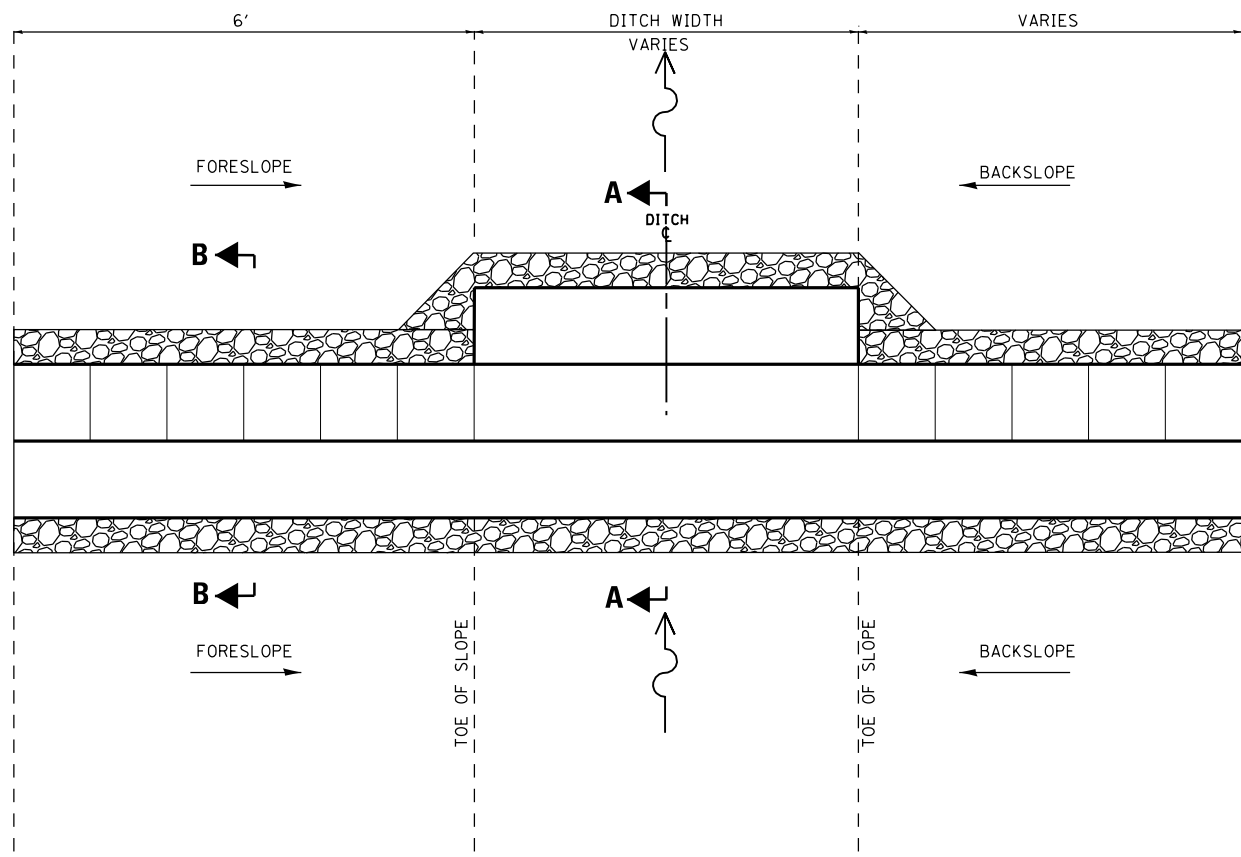
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PLOT DATE = 8/19/2017		

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

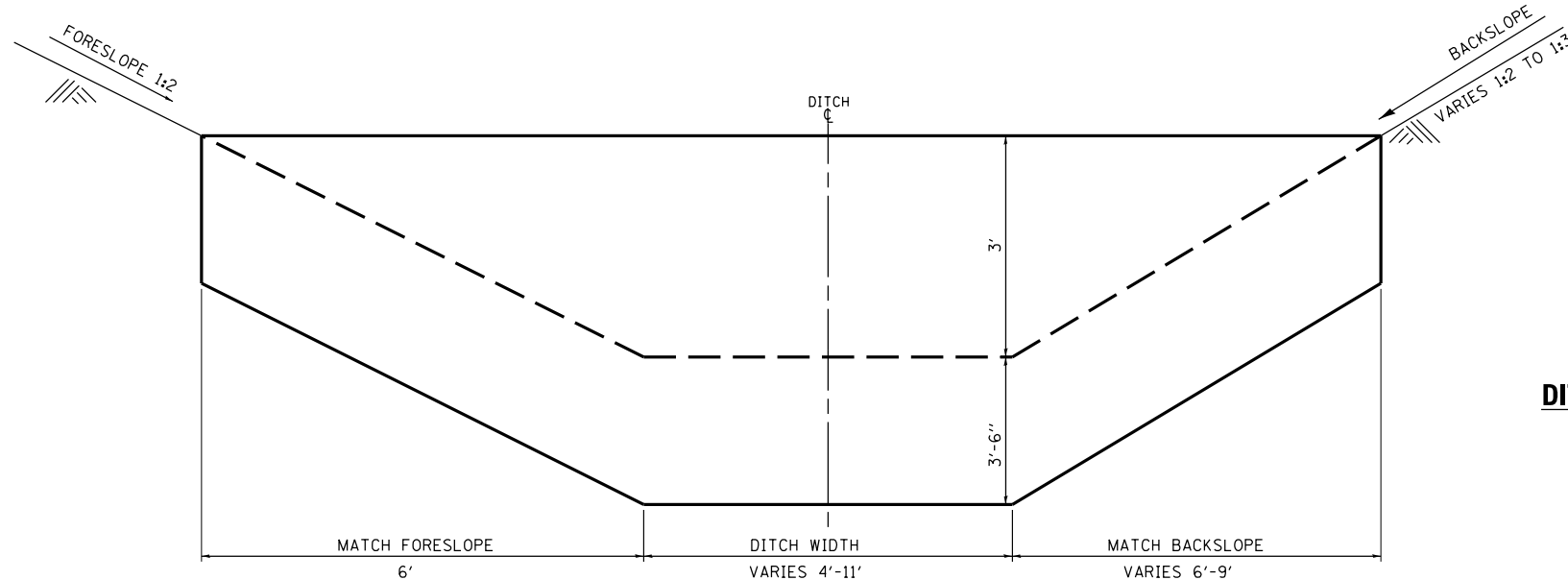
IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) REINFORCED CONCRETE END SECTION FOR PIPE CULVERT 60" DIA.
 SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 90
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y25	

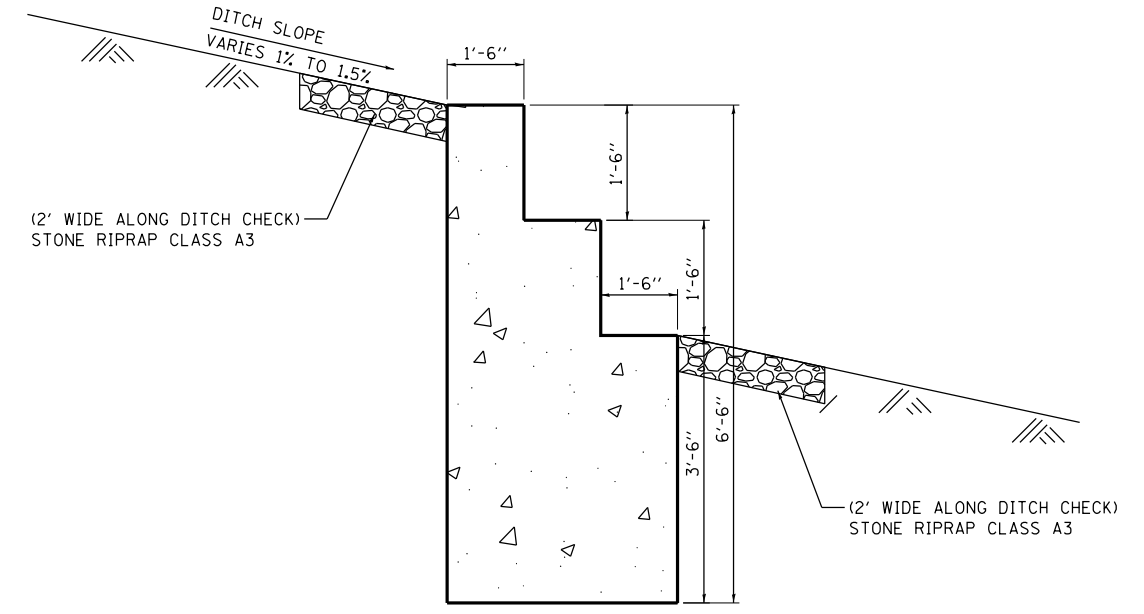
IL ROUTE 171



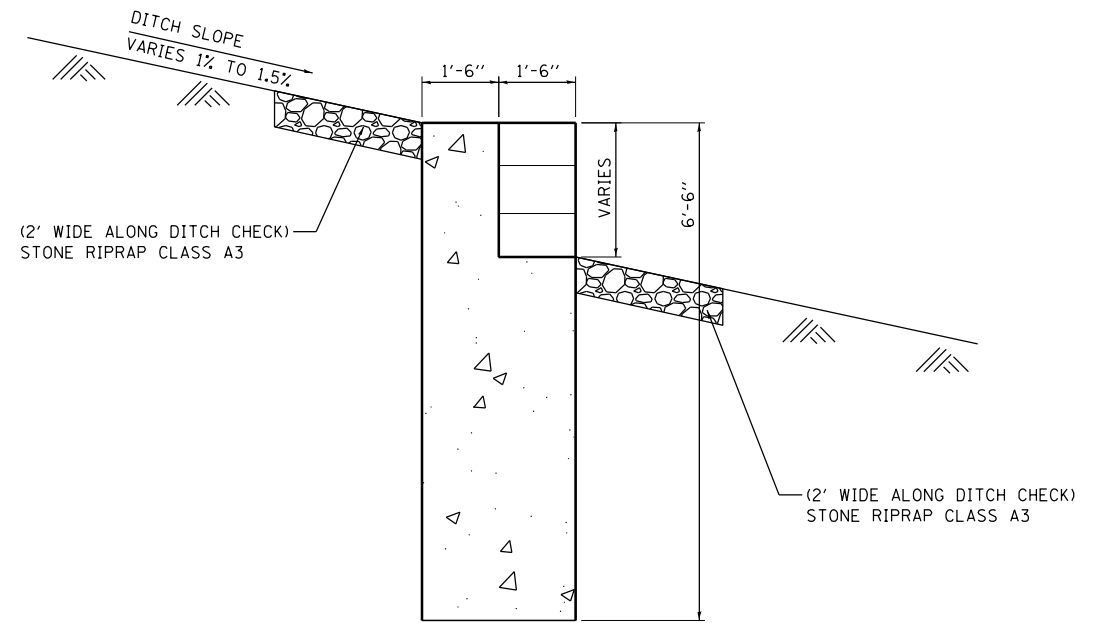
PLAN
N.T.S.



ELEVATION C-C
N.T.S.



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

DITCH CHECK LOCATIONS

No	STATION	OFFSET
1	95+13.45	66.53 RT
2	95+65.94	70.53 RT
3	96+11.51	74.85 RT
4	96+62.39	76.75 RT
5	97+10.72	80.39 RT
6	97+65.83	85.85 RT
7	97+98.49	89.62 RT
8	402+20.82	74.61 RT

NOTES:

- FOR DITCH CHECKS LOCATION SEE DRAINAGE PLANS.
- FOR BACKSLOPES AND FORESLOPES SEE CROSS SECTIONS.
- CONTRACTOR SHALL VERIFY SITE CONDITIONS, BACKSLOPES, FORESLOPE AND LONGITUDINAL SLOPE PRIOR TO THE CONSTRUCTION.
- CONTRACTOR MUST SUBMIT SHOP DRAWINGS TO RESIDENT ENGINEER AND MUST GET APPROVAL PRIOR TO CONSTRUCTION.
- PCC DITCH CHECK TO BE PAID AS CONCRETE STRUCTURES RETAINING WALL.
- OFFSET TO BE MEASURED BETWEEN THE ALIGNMENT OF THE ROAD AND THE CENTER OF DITCH.
- STONE RIPRAP IS INCLUDING IN THE COST OF CONCRETE STRUCTURES RETAINING WALL.

FILE NAME = D:\60Y25-shr-detail8.dgn



USER NAME = valvarez	DESIGNED - FA	REVISED -
	DRAWN - VEA	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - MF	REVISED -
PLOT DATE = 8/19/2017	DATE - 6/30/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
PCC DITCH CHECK

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

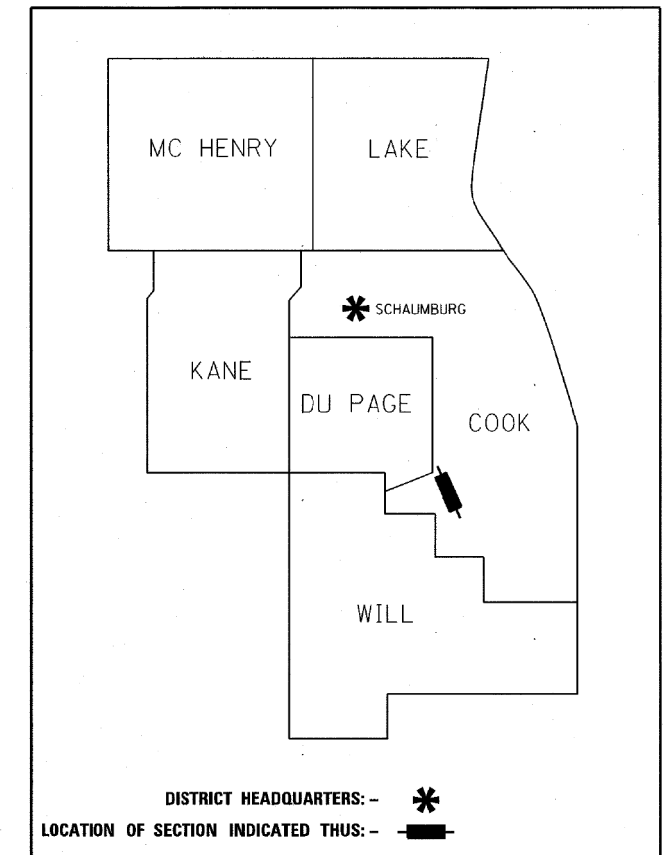
F.A.P. RTE. 344	SECTION 3114-N(14)	COUNTY COOK	TOTAL SHEETS 225	SHEET NO. 91
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y25	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

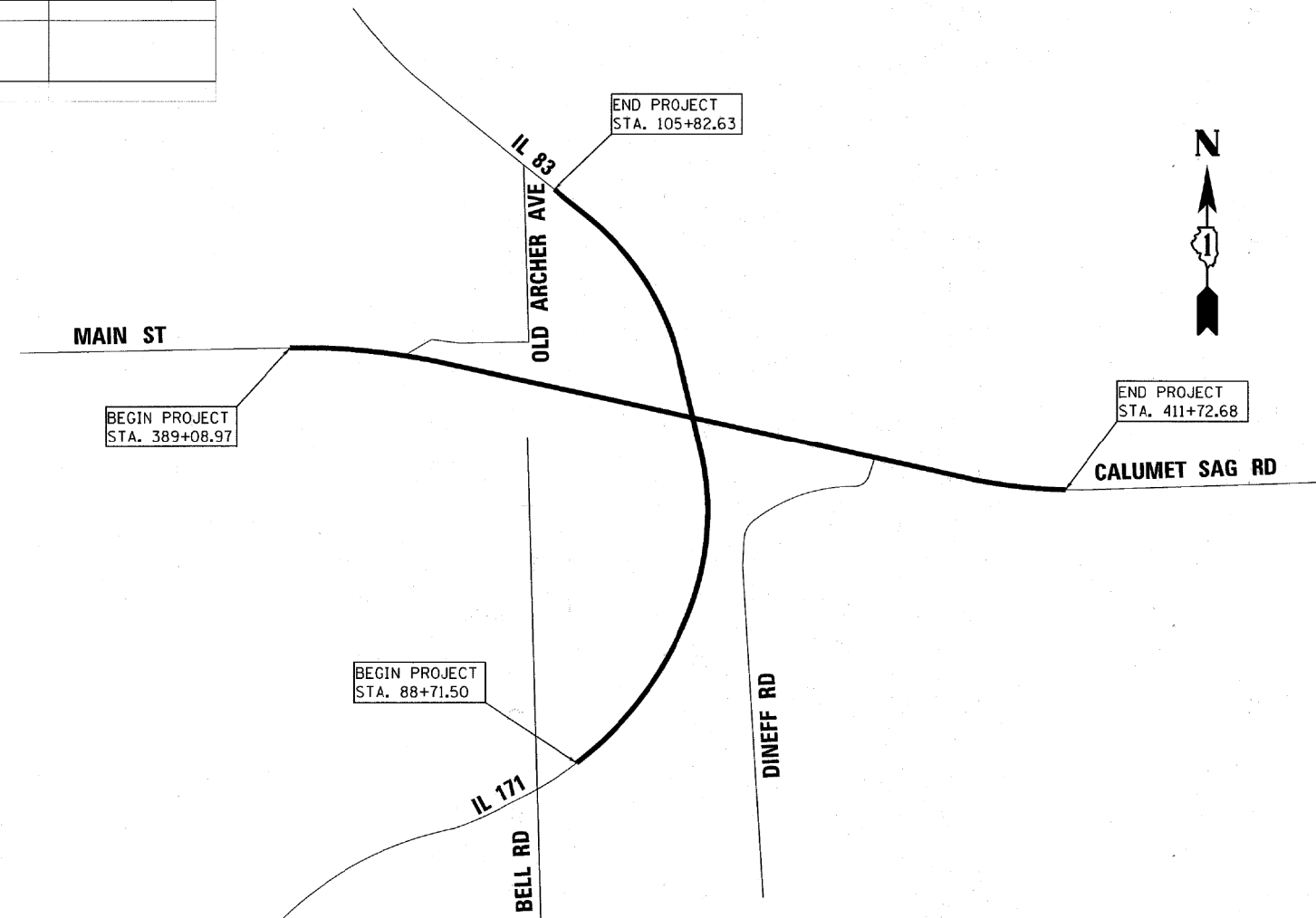
PLAT OF HIGHWAYS

ROUTE: IL 83
SECTION:
COUNTY: COOK
LIMITS: AT IL 171 (MAIN ST)
JOB NO.: R-90-023-13

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
OKS0001	RREF II-AREG Montefiori JV, LLC, a limited liability company	2	
OKS0002	Dean Bohne and Sue Bohne, as joint tenants	2	
OKS0003	Bruce R. Campbell and Sylvia G. Campbell, his wife, in Joint Tenancy	3	
OKS0004	Donald Arnold Campbell and Bonnie Mae Campbell a/k/a Bonita Mae Campbell, Co-Trustees or Acting Trustee of the Campbell Family Declaration of Trust dated May 1, 2009	3	
OKS0006	Village of Lemont, an Illinois municipal corporation	4	
OKS0007	Aleksander Antol and Maria Antol as Co-trustees of the Aleksander Antol Living Trust dated September 24, 1998 as to an undivided 1/2 interest and Maria Antol and Aleksander Antol as Co-trustees of the Maria Antol Living Trust dated September 24, 1998 as to an undivided 1/2 interest as tenants in common	5	
OKS0008	First Midwest Bank as Trustee under Trust Agreement dated May 28, 2014 known as Trust No. 7543	5	
OKS0009	Amalia Brandon	6	
OKS0010	Kevin W. Maxant, an unmarried man	6	
OKS0011	Maria Antol, married to Aleksander, Kathy Antol, a never married person, Beata Antol, a never married person, and Robert Antol, a never married person, in joint tenancy	7	



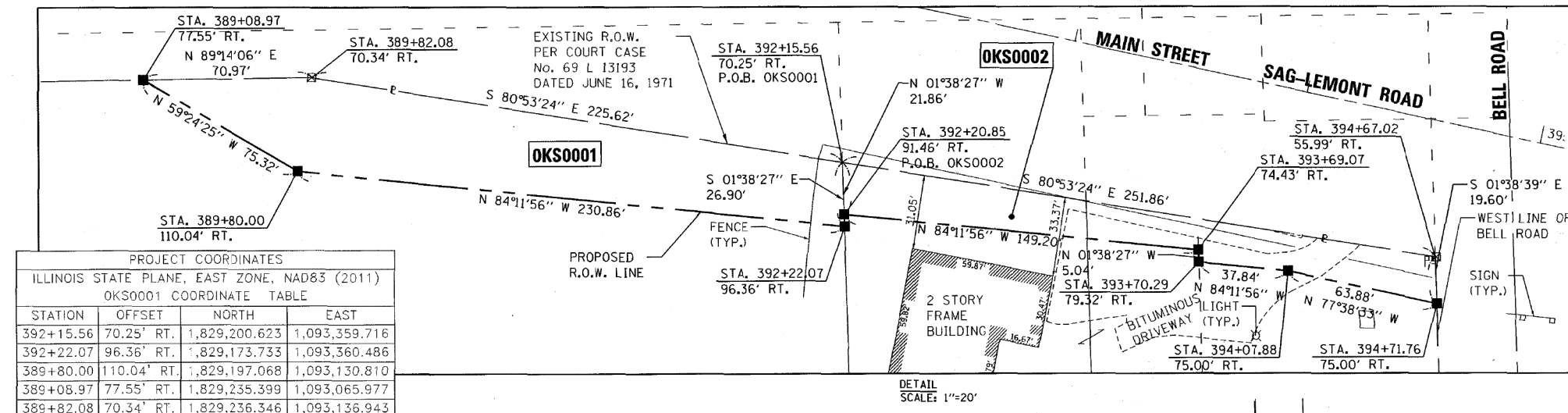
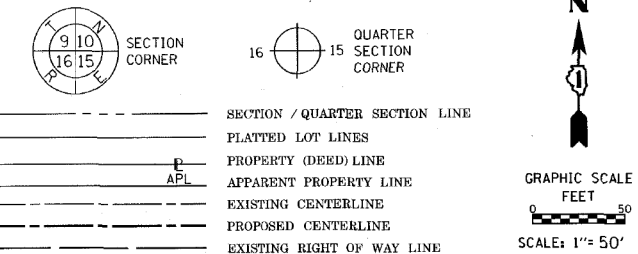
**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) PLAT OF HIGHWAYS		IDOT USE ONLY	
SCALE: NTS	SHEET NO. 1 OF 8 SHEETS	STA.	TO STA.	F.A.P. RTE. 344	SECTION 3114-N(14)
				COUNTY COOK	TOTAL SHEETS 225
				SHEET NO. 92	
				CONTRACT NO. 60Y25	
				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

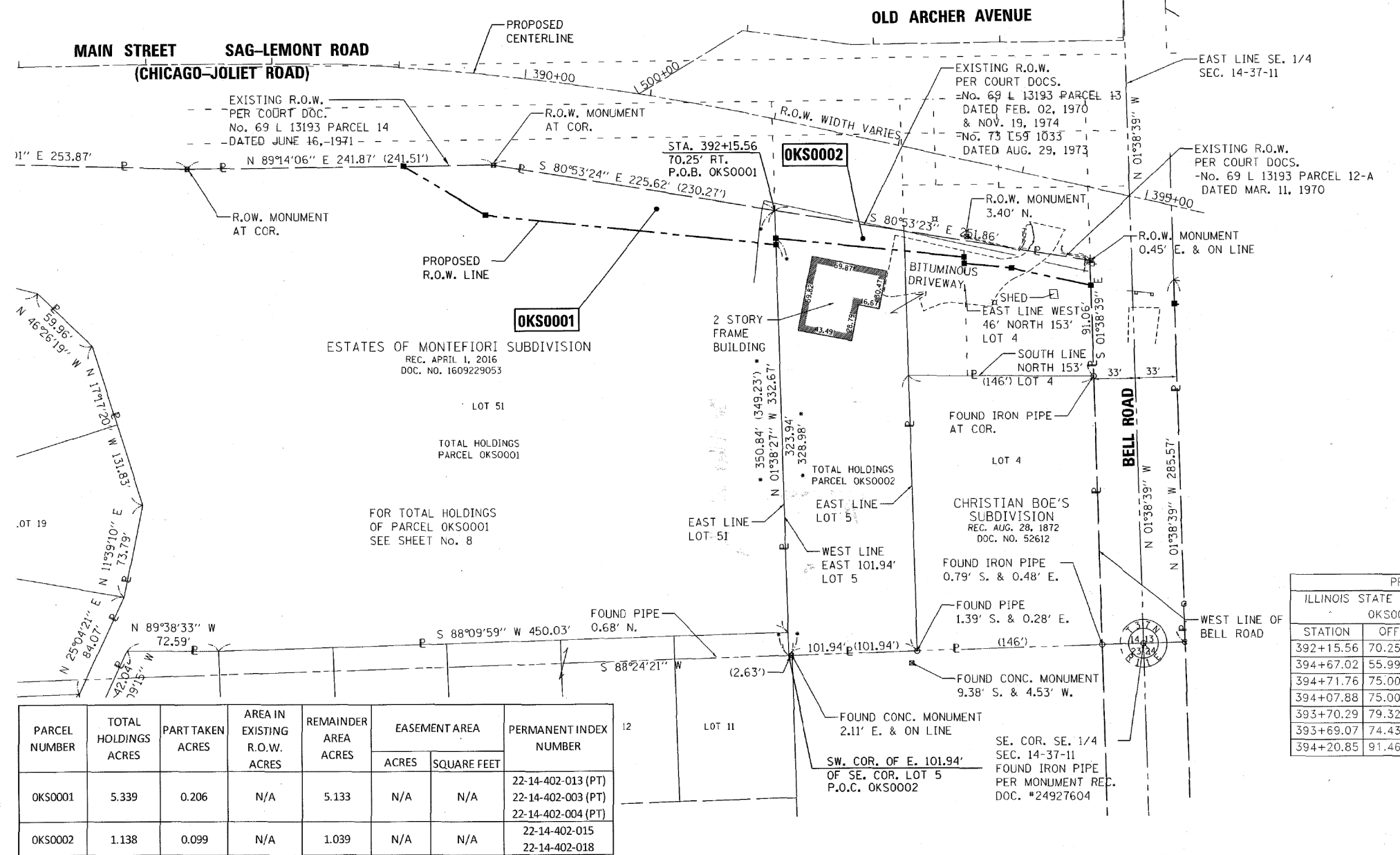
FILE NAME = D:\60Y25-shr-parcel\dgn

DP3A NAPERVILLE
 VODG DOWNERS GROVE
 KA10 ORLAND HILLS
 CCMK MARKHAM



PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 OKS0001 COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
392+15.56	70.25' RT.	1,829,200.623	1,093,359.716
392+22.07	96.36' RT.	1,829,173.733	1,093,360.486
389+80.00	110.04' RT.	1,829,197.068	1,093,130.810
389+08.97	77.55' RT.	1,829,235.399	1,093,065.977
389+82.08	70.34' RT.	1,829,236.346	1,093,136.943



NOTES

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDED GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99999888.
- AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, ENVIRONMENTAL DESIGN INTERNATIONAL, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001224, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 37 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 17 DAY OF AUGUST 2017 A.D.

Michael T. Ring
 MICHAEL T. RING, PLS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003244
 LICENSE EXPIRATION DATE: 11/30/2018



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

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 OKS0002 COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
392+15.56	70.25' RT.	1,829,200.623	1,093,359.715
394+67.02	55.99' RT.	1,829,160.746	1,093,608.397
394+71.76	75.00' RT.	1,829,141.158	1,093,608.960
394+07.88	75.00' RT.	1,829,154.828	1,093,546.561
393+70.29	79.32' RT.	1,829,158.653	1,093,508.918
393+69.07	74.43' RT.	1,829,163.693	1,093,508.774
394+20.85	91.46' RT.	1,829,178.773	1,093,360.341

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET	
OKS0001	5.339	0.206	N/A	5.133	N/A	N/A	22-14-402-013 (PT) 22-14-402-003 (PT) 22-14-402-004 (PT)
OKS0002	1.138	0.099	N/A	1.039	N/A	N/A	22-14-402-015 22-14-402-018

NEW TITLE COMMITMENT OKS0001 REVISION DATE: 08/25/2016 REVISION MADE BY: MTR

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 PLAT OF HIGHWAYS

SCALE: NTS SHEET NO. 2 OF 8 SHEETS STA. TO STA.

EDI Environmental Design International Inc.
 Civil, Survey, Environmental and Construction Inspection Services
 33 W. MONROE STREET, SUITE 1825, CHICAGO, IL 60603
 Ph. (312) 345-1400 Fax (312) 345-0529
 www.edi-design.com MBE/WBE/DBE

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 IL 83 AT IL 171

LIMITS: COUNTY: COOK
 SECTION: JOB NO.: R-90-023-13
 STA. 389+08.97 TO STA. 394+71.76
 SCALE: 1" = 50' SHEET 2 OF 8 SHEETS

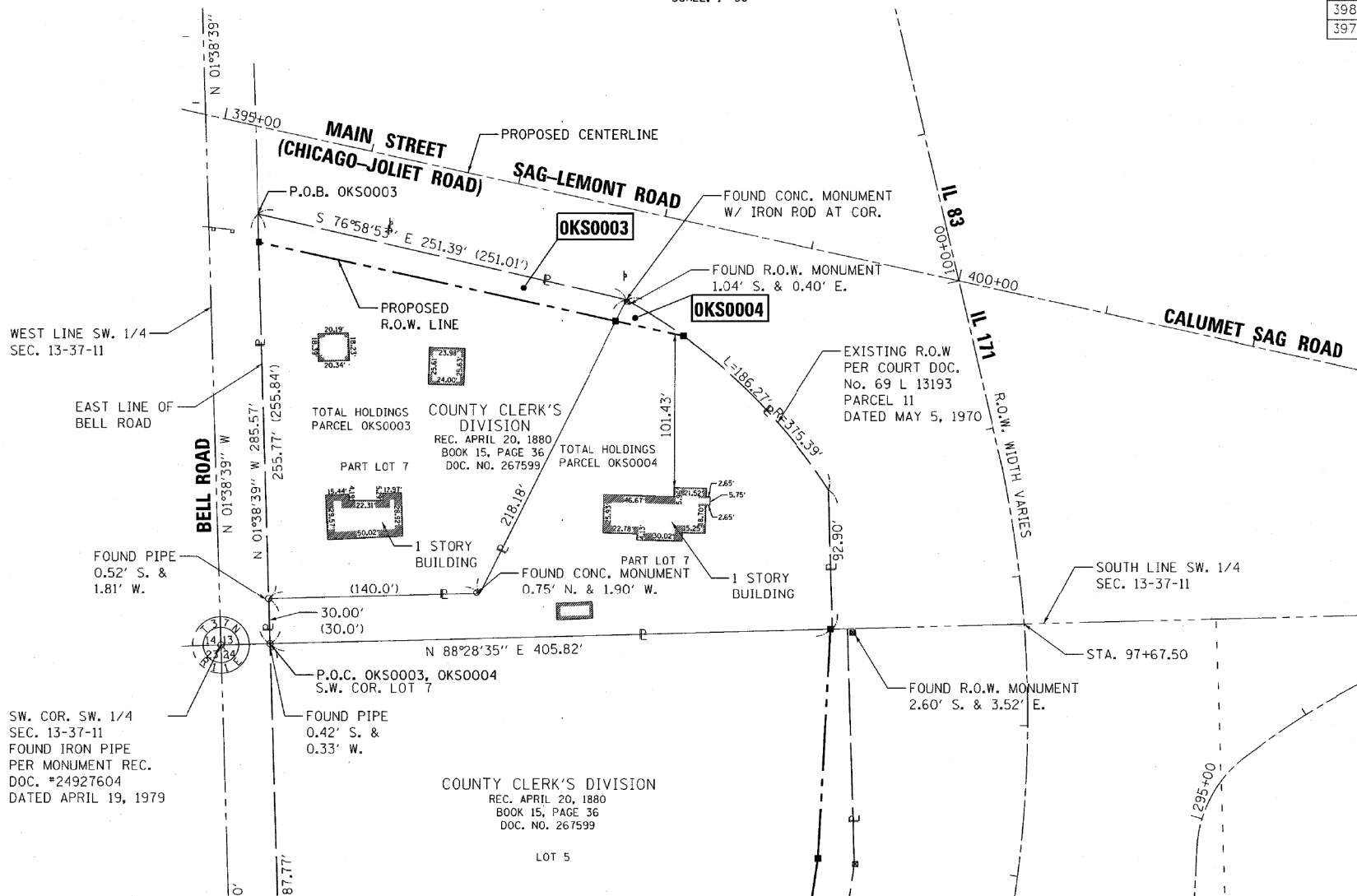
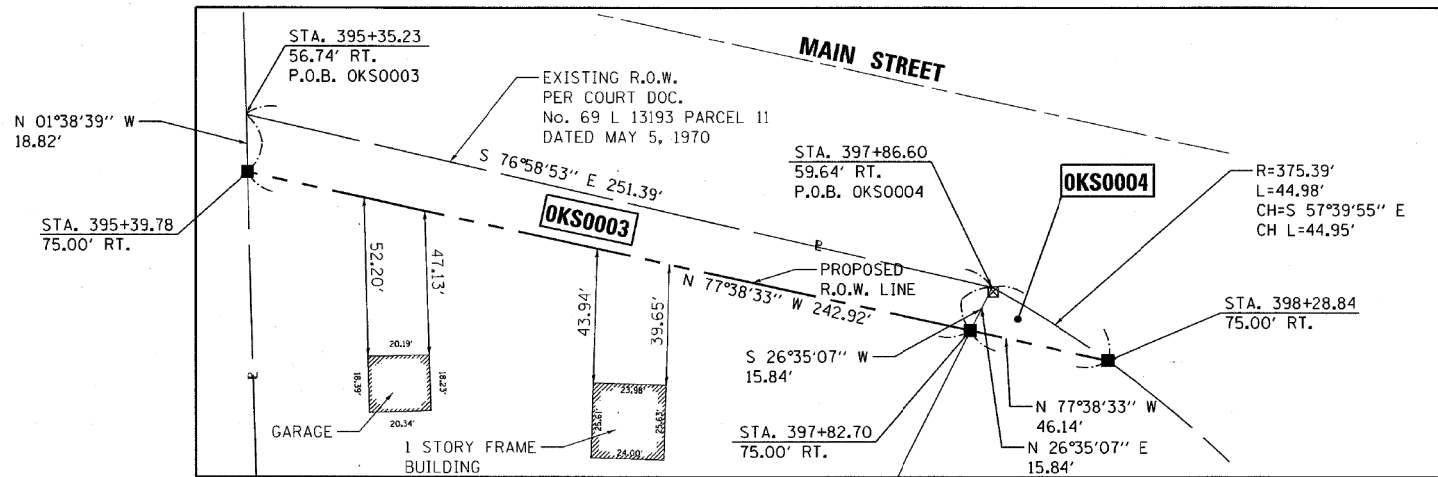
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	93

CONTRACT NO. 60Y25
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

FILE NAME = D:\60Y25-shr-parcel2.dgn

PART OF THE SW 1/4 OF SECTION 13, TWP. 37 N., R. 11 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET	
OKS0003	1.023	0.095	N/A	0.928	N/A	N/A	22-13-303-009
OKS0004	0.902	0.009 374 SQ. FT.	N/A	0.893	N/A	N/A	22-13-303-010

NOAA CORS STATIONS

DP3A	NAPERVILLE
VODG	DOWNERS GROVE
KA10	ORLAND HILLS
CCMK	MARKHAM

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
OKS0003 COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
395+35.23	56.74' RT.	1,829,145.410	1,093,674.865
397+86.60	59.64' RT.	1,829,088.781	1,093,919.789
397+82.70	75.00' RT.	1,829,074.613	1,093,912.698
395+39.78	75.00' RT.	1,829,126.601	1,093,675.405

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
OKS0004 COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
397+86.60	59.64' RT.	1,829,088.781	1,093,919.789
398+28.84	75.00' RT.	1,829,064.739	1,093,957.768
397+82.70	75.00' RT.	1,829,074.613	1,096,912.698

LEGEND

SECTION / QUARTER SECTION LINE
PROPERTY (DEED) LINE
APPL APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

129.32'
129.32' (COMP)
129.32'

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET

NOTES

- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
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- AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, ENVIRONMENTAL DESIGN INTERNATIONAL, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001224, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 37 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 17 DAY OF AUGUST 2018 A.D.

Michael T. Ring
MICHAEL T. RING, PLS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035,003244
LICENSE EXPIRATION DATE: 11/30/2018



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

EDI Environmental Design International Inc.
Civil, Survey, Environmental and Construction Inspection Services
333 W. MONROE STREET, SUITE 1825, CHICAGO, IL 60603
Ph: (312) 345-1400 Fax: (312) 345-0839
www.edienvi.com MBE/MBE/DBE

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
IL 83 AT IL 171

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-023-13
STA. 395+35.32 TO STA. 398+28.84
SCALE: 1" = 50' SHEET 3 OF 8 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	94
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

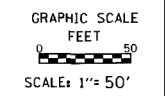
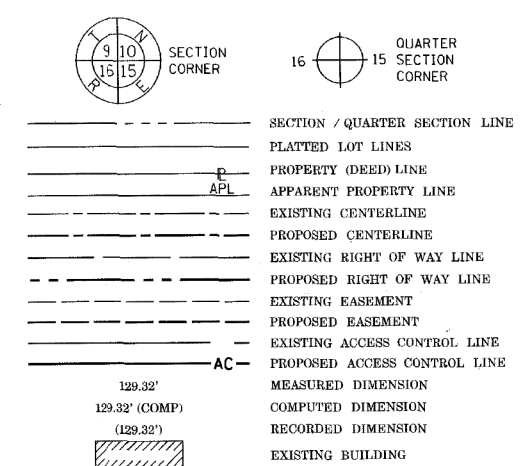
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
PLAT OF HIGHWAYS
SCALE: NTS SHEET NO. 3 OF 8 SHEETS STA. TO STA.

NOAA CORS STATIONS

DP3A NAPERVILLE
 VODG DOWNERS GROVE
 KA10 ORLAND HILLS
 CCMK MARKHAM

LEGEND

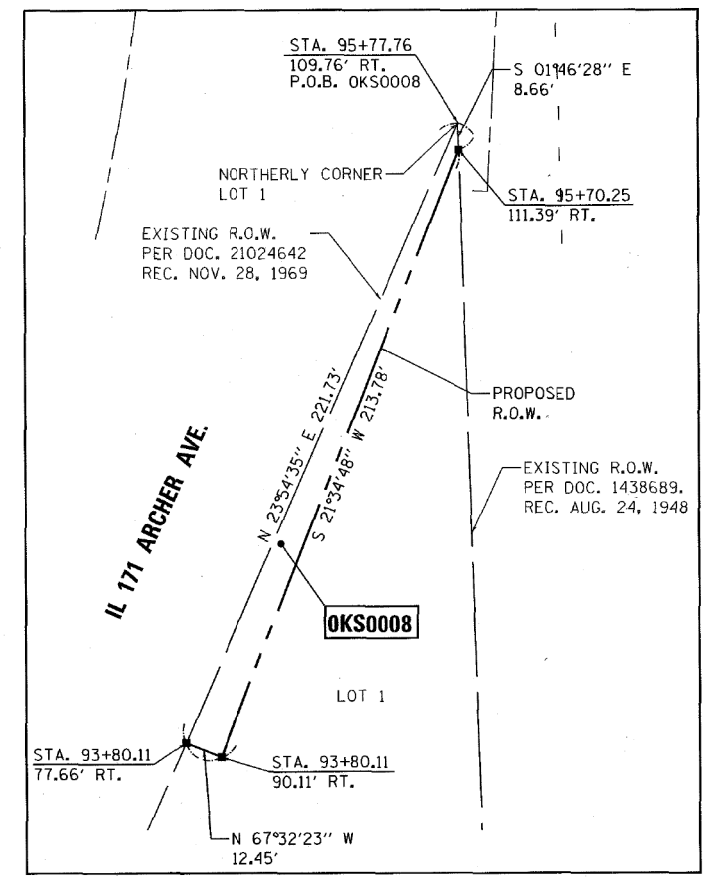
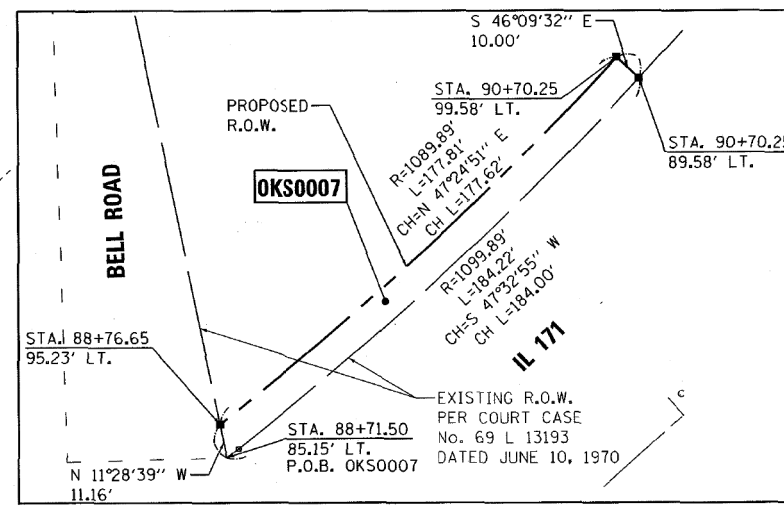
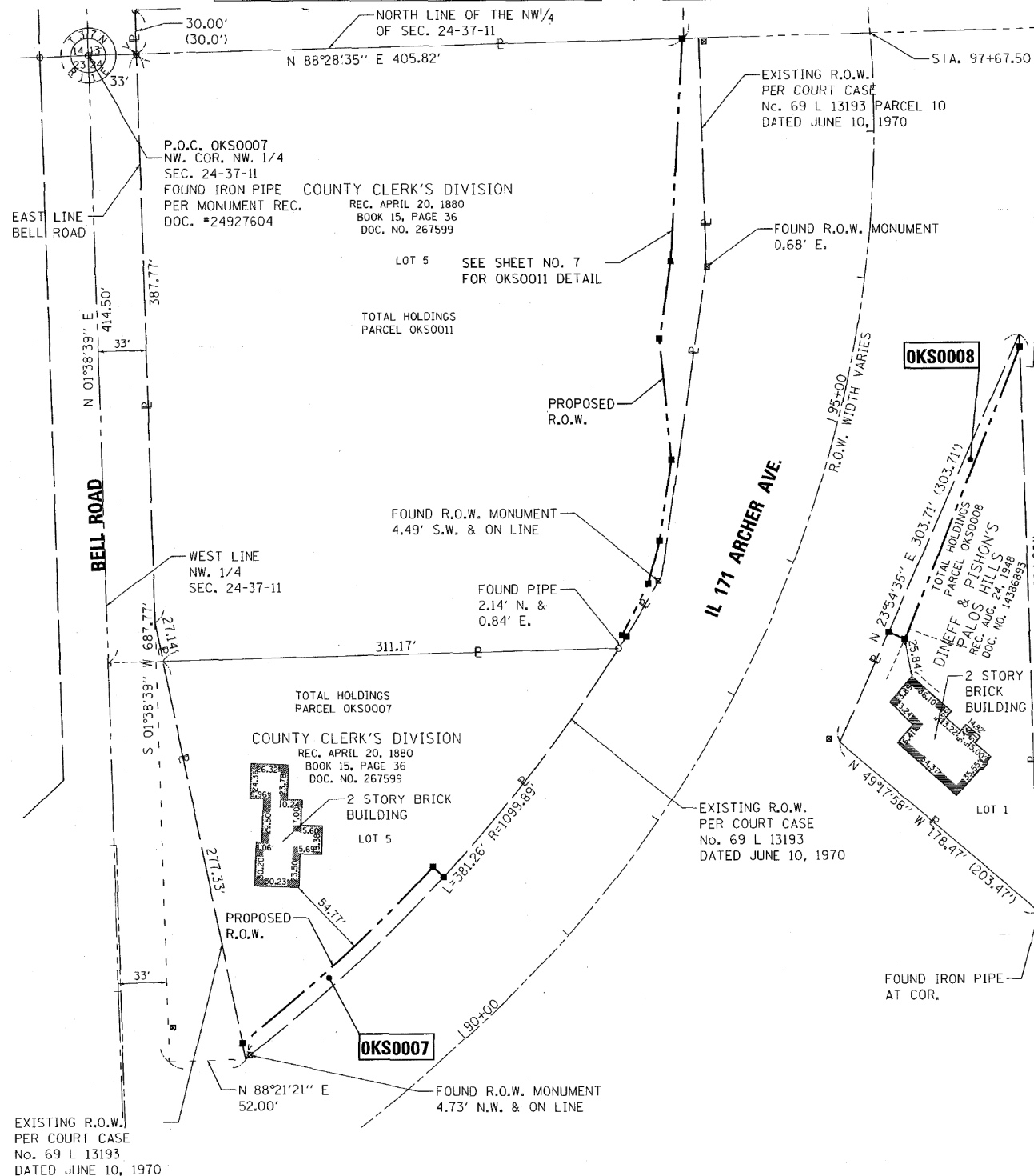


PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 OKS0007 COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
88+71.50	85.15' LT.	1,828,173.968	1,093,754.769
88+76.65	95.23' LT.	1,828,184.900	1,093,752.549
90+70.25	99.58' LT.	1,828,305.092	1,093,883.322
90+70.25	89.58' LT.	1,828,298.164	1,093,890.536

PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 OKS0008 COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
95+77.76	109.76' RT.	1,828,667.274	1,094,285.381
95+70.25	111.39' RT.	1,828,658.614	1,094,285.650
93+80.11	90.11' RT.	1,828,459.816	1,094,207.021
93+80.11	77.66' RT.	1,828,464.573	1,094,195.515



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

NOTES

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2. BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
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4. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, ENVIRONMENTAL DESIGN INTERNATIONAL, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001224, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 37 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT Chicago, ILLINOIS THIS 17 DAY OF August 2018 A.D.

Michael T. Ring
 MICHAEL T. RING, PLS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003244
 LICENSE EXPIRATION DATE: 11/30/2018



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

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET	
OKS0007	1.071	0.042	N/A	1.029	N/A	N/A	22-24-100-004
OKS0008	0.596	0.040	N/A	0.556	N/A	N/A	22-24-103-001

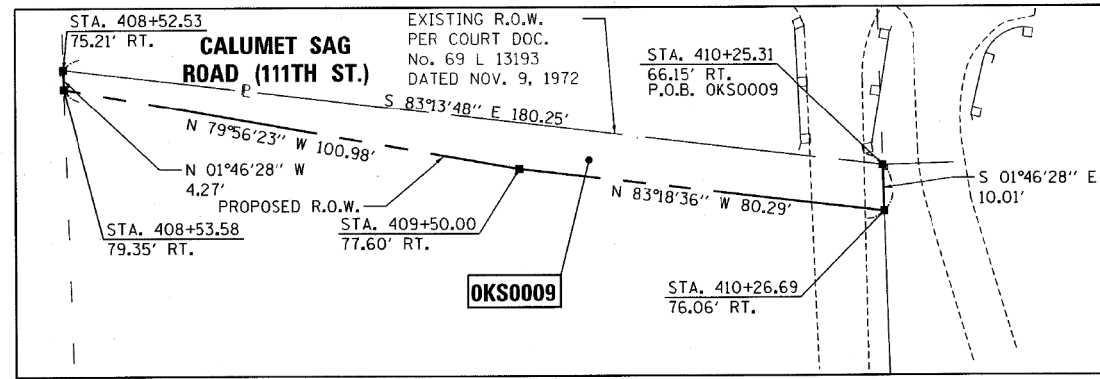
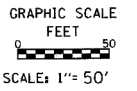
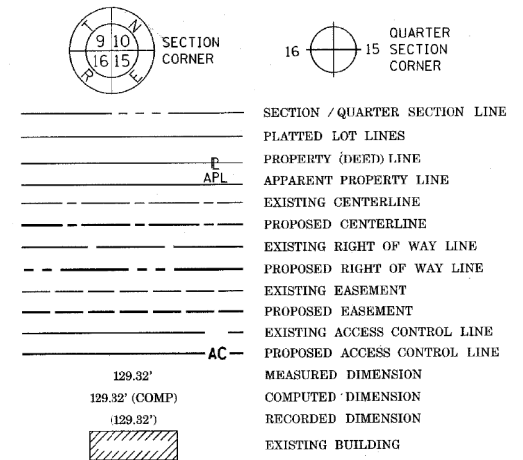
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) PLAT OF HIGHWAYS		LIMITS:		COUNTY: COOK	
				SECTION: 344		JOB NO.: R-90-023-13	
SCALE: NTS		SHEET NO. 5 OF 8 SHEETS		TO STA.		SHEET 5 OF 8 SHEET	
F.A.P. RTE. 344		SECTION 3114-N(14)		COUNTY COOK		TOTAL SHEETS 225	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 60Y25		SHEET NO. 96	

FILE NAME = D:\60Y25-shr-parcel5.dgn

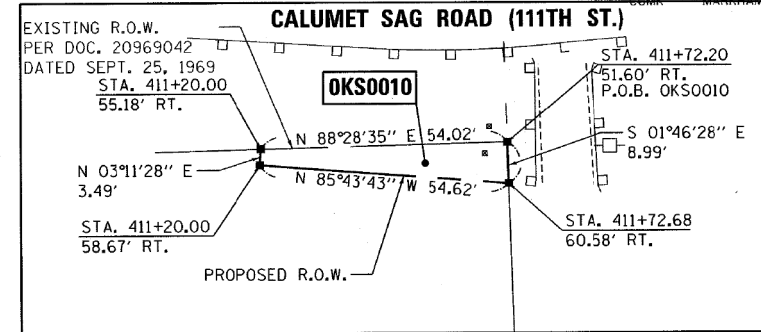
NOAA CORS STATIONS

DP3A NAPERVILLE
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 GGMK MARKHAM

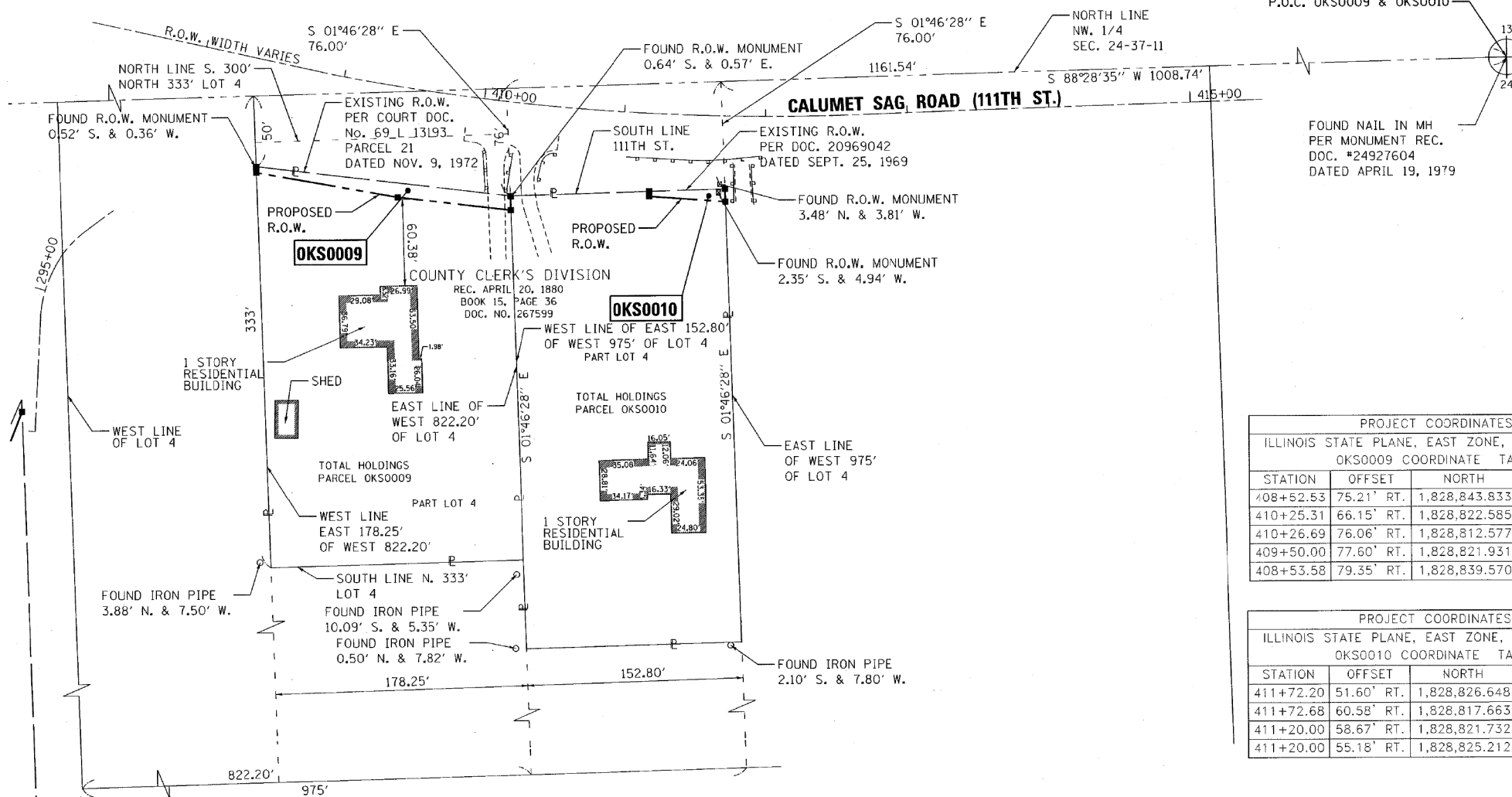
LEGEND



DETAIL SCALE: 1"=20'



DETAIL SCALE: 1"=20'



- IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET ● 1/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

NOTES

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
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4. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, ENVIRONMENTAL DESIGN INTERNATIONAL, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001224, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 37 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 17 DAY OF NOVEMBER 2017 A.D.

Michael T. Ring
 MICHAEL T. RING, PLS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035003244
 LICENSE EXPIRATION DATE: 11/30/2018



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

PROJECT COORDINATES			
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
OKS0009 COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
408+52.53	75.21' RT.	1,828,843.833	1,094,957.186
410+25.31	66.15' RT.	1,828,822.585	1,095,136.180
410+26.69	76.06' RT.	1,828,812.577	1,095,136.490
409+50.00	77.60' RT.	1,828,821.931	1,095,056.745
408+53.58	79.35' RT.	1,828,839.570	1,094,957.318

PROJECT COORDINATES			
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)			
OKS0010 COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
411+72.20	51.60' RT.	1,828,826.648	1,095,288.927
411+72.68	60.58' RT.	1,828,817.663	1,095,289.206
411+20.00	58.67' RT.	1,828,821.732	1,095,234.736
411+20.00	55.18' RT.	1,828,825.212	1,095,234.930

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET	
OKS0009	1.105	0.035	N/A	1.070	N/A	N/A	22-24-101-013
OKS0010	1.121	0.008 338 SQ. FT.	N/A	1.113	N/A	N/A	22-24-101-041

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
 PLAT OF HIGHWAYS

SCALE: NTS SHEET NO. 6 OF 8 SHEETS STA. TO STA.

EDI Environmental Design International Inc.
 Civil, Survey, Environmental and Construction Inspection Services
 33 W. MONROE STREET, SUITE 1825, CHICAGO, IL 60603
 Ph. (312) 345-1400 Fax (312) 345-0529
 www.edienv.com MBE/WBE/DBE

PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 IL 83 AT IL 171

LIMITS: COUNTY: COOK
 SECTION: JOB NO.: R-90-023-13
 STA. 408+52.53 TO STA. 411+72.68
 SCALE: 1" = 50' SHEET 6 OF 8 SHEETS

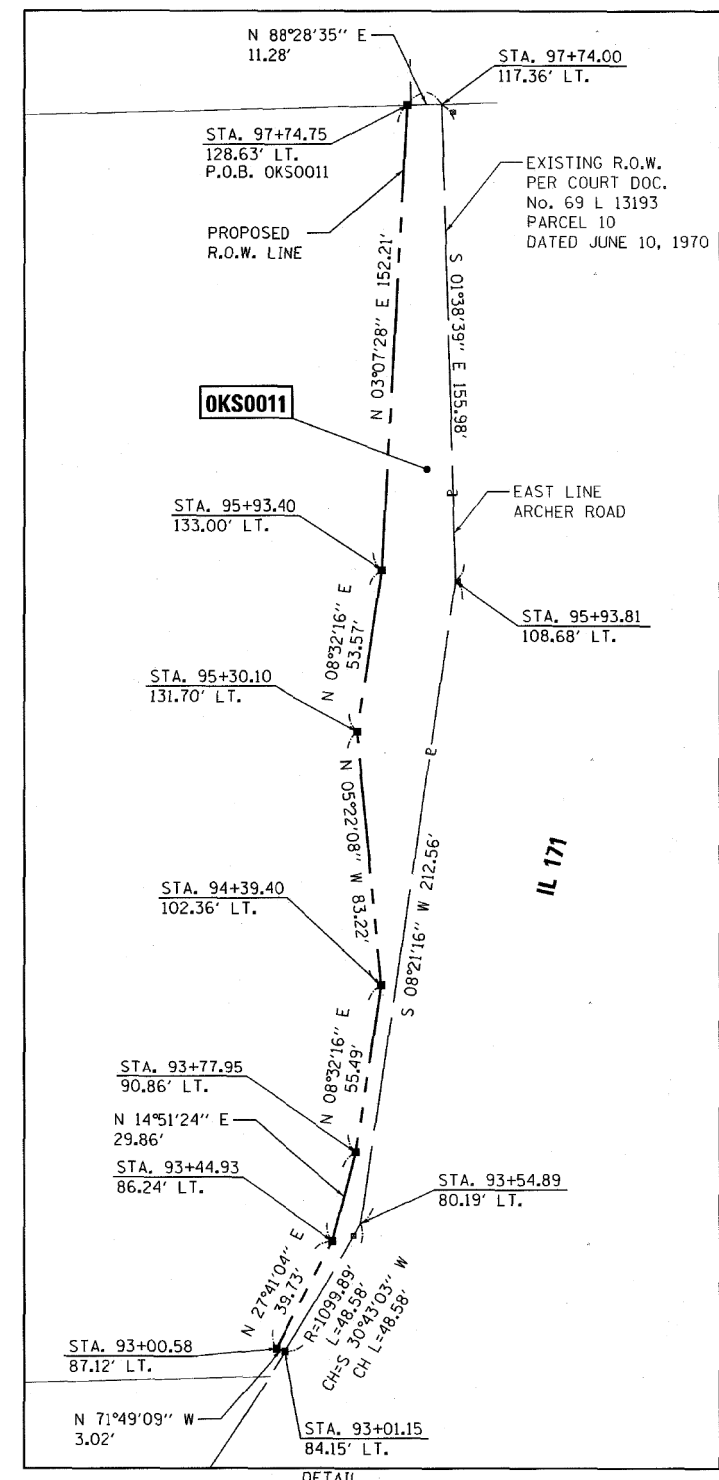
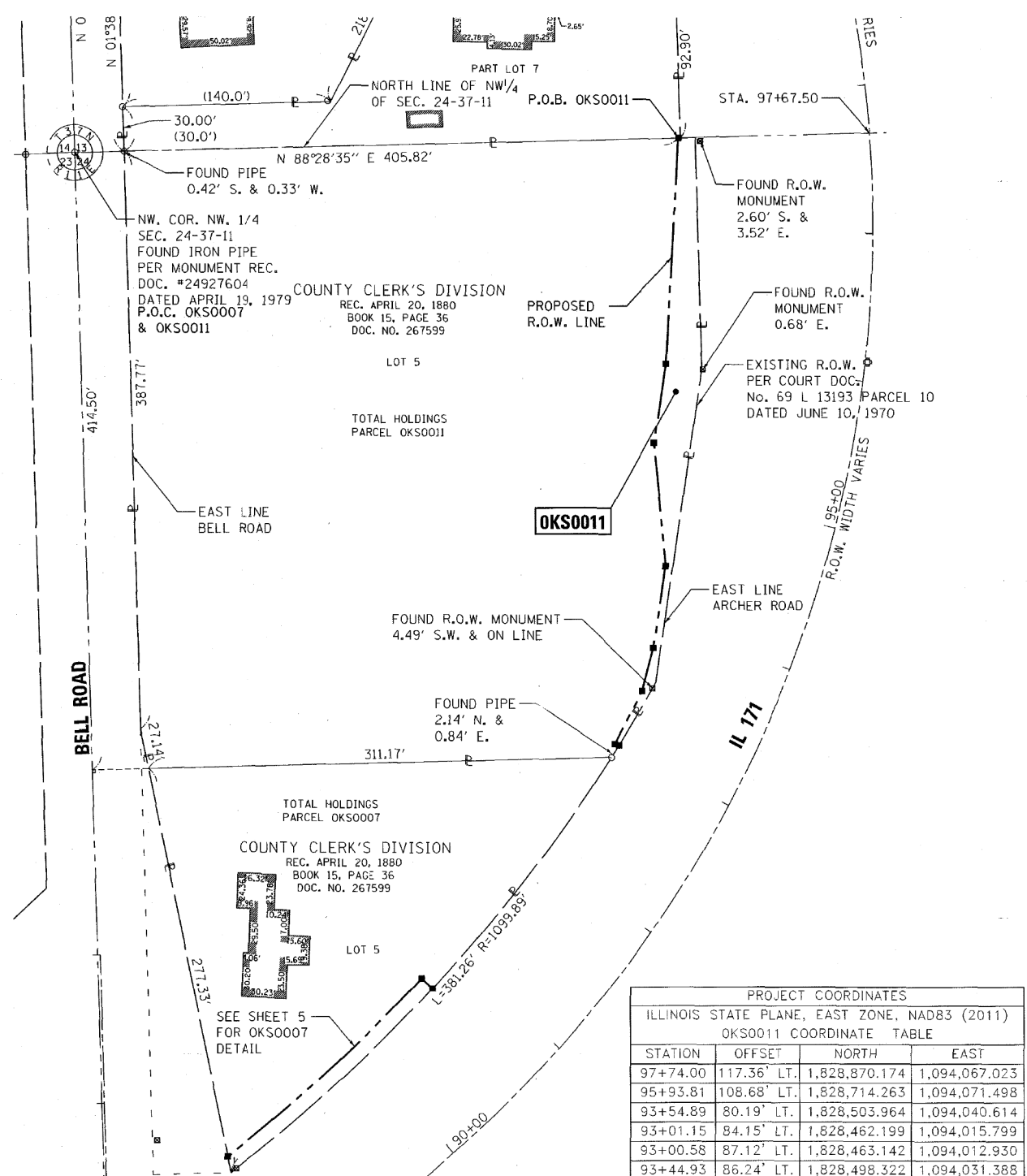
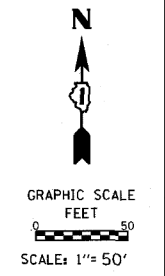
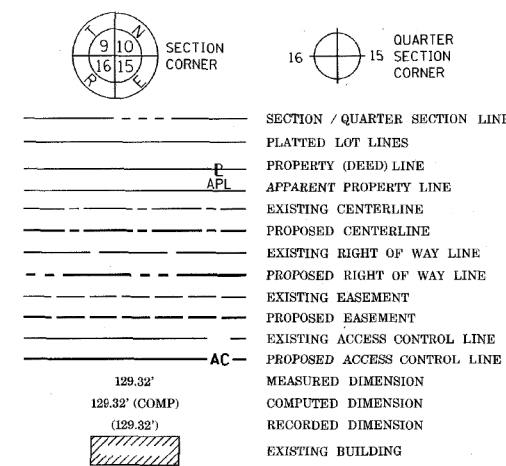
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	97
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOAA CORS STATIONS

DP3A NAPERVILLE
 VODG DOWNERS GROVE
 KAI0 ORLAND HILLS
 CCMK MARKHAM

LEGEND



PROJECT COORDINATES
 ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)
 OKS0011 COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
97+74.00	117.36' LT.	1,828,870.174	1,094,067.023
95+93.81	108.68' LT.	1,828,714.263	1,094,071.498
93+54.89	80.19' LT.	1,828,503.964	1,094,040.614
93+01.15	84.15' LT.	1,828,462.199	1,094,015.799
93+00.58	87.12' LT.	1,828,463.142	1,094,012.930
93+44.93	86.24' LT.	1,828,498.322	1,094,031.388
93+77.95	90.86' LT.	1,828,527.183	1,094,039.044
94+39.40	102.36' LT.	1,828,582.060	1,094,047.282
95+30.10	131.70' LT.	1,828,664.912	1,094,039.496
95+93.40	133.00' LT.	1,828,717.887	1,094,047.449
97+74.75	128.63' LT.	1,828,869.874	1,094,055.745

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
					ACRES	SQUARE FEET	
OKS0011	3.514	0.134	N/A	3.380	N/A	N/A	22-24-100-003

- NOTES**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDED GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.99999888.
 - AREAS SHOWN ON THIS PLAT ARE GROUND.
- STATE OF ILLINOIS)
) SS
 COUNTY OF COOK)
- THIS IS TO CERTIFY THAT WE, ENVIRONMENTAL DESIGN INTERNATIONAL, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001224, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 37 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
- DATED AT CHICAGO, ILLINOIS THIS 17 DAY OF AUGUST 2017 A.D.
- Michael T. Ring*
 MICHAEL T. RING, PLS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003244
 LICENSE EXPIRATION DATE: 11/30/2018
- THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

EDI Environmental Design International Inc.
 Civil, Survey, Environmental and Construction Inspection Services
 33 W. MONROE STREET, SUITE 1625, CHICAGO, IL 60603
 Ph. (312) 345-1400 Fax (312) 345-0529
 www.envdesign.com MBE/WBE/DBE

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 IL 83 AT IL 171

LIMITS: COUNTY: COOK
 SECTION: JOB NO.: R-90-023-13
 STA. 93+00.58 TO STA. 97+74.75
 SCALE: 1" = 50' SHEET 7 OF 8 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	98

CONTRACT NO. 60Y25

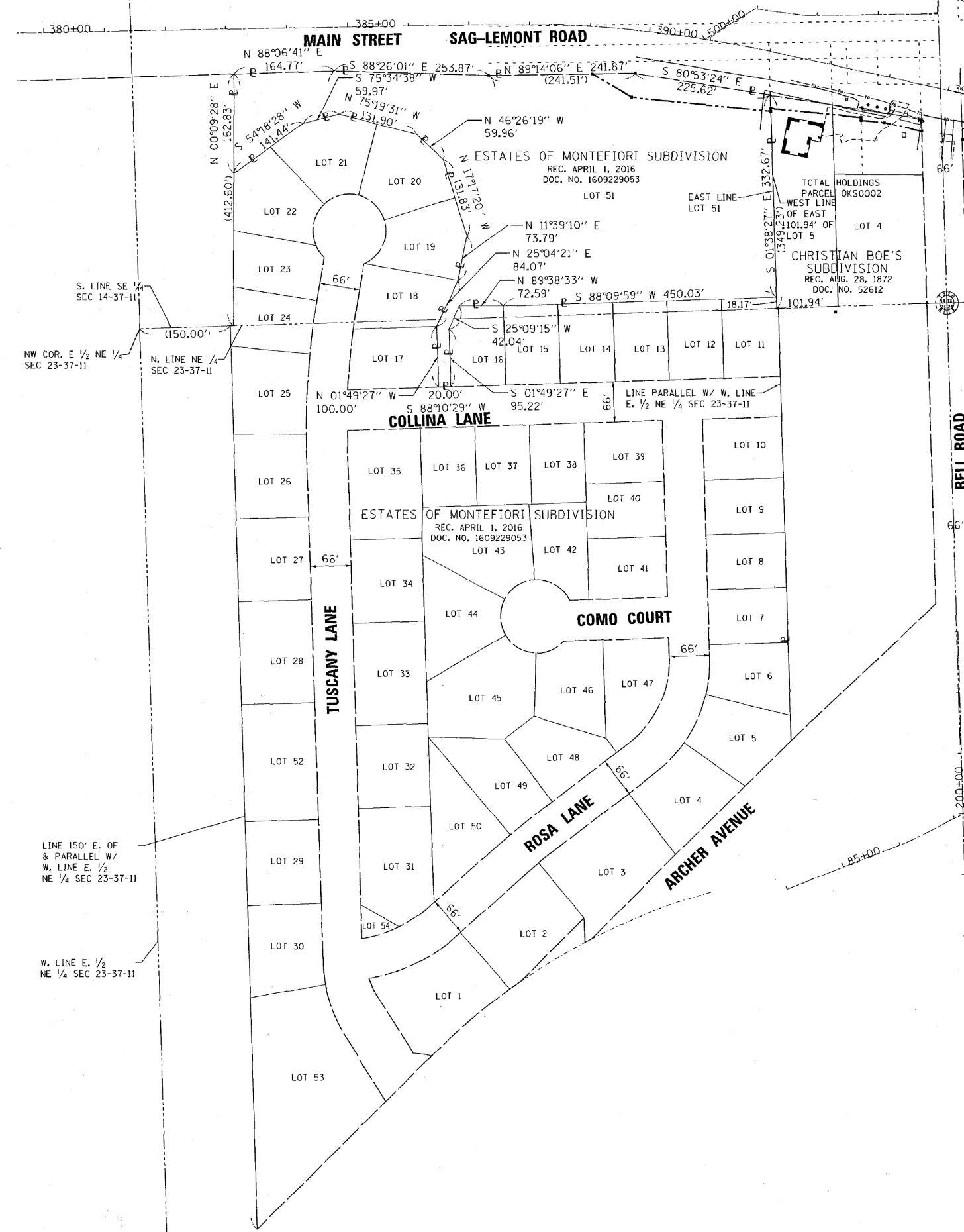
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) PLAT OF HIGHWAYS

SCALE: NTS SHEET NO. 7 OF 8 SHEETS STA. TO STA.

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

FILE NAME = D:\60Y25-shr-parcel7.dgn



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

NOTES

1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
2. BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDED GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.9999888.
4. AREAS SHOWN ON THIS PLAT ARE GROUND.

STATE OF ILLINOIS)
) SS
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, ENVIRONMENTAL DESIGN INTERNATIONAL, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001224, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 37 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK 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 DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 17 DAY OF August 2017 A.D.

MICHAEL T. RING, PLS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003244
 LICENSE EXPIRATION DATE: 11/30/2018



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

EDI Environmental Design International Inc.
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 www.edesignil.com MBE/WBE/DBE

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 IL 83 AT IL 171

LIMITS: COUNTY: COOK
 SECTION: JOB NO.: R-90-023-13
 STA. 389+08.97 TO STA. 394+71.76
 SCALE: 1" = 100' SHEET 8 OF 8 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	99
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NEW TITLE COMMITMENT OKS0001 REVISION DATE: 08/25/2016 REVISION MADE BY: MTR

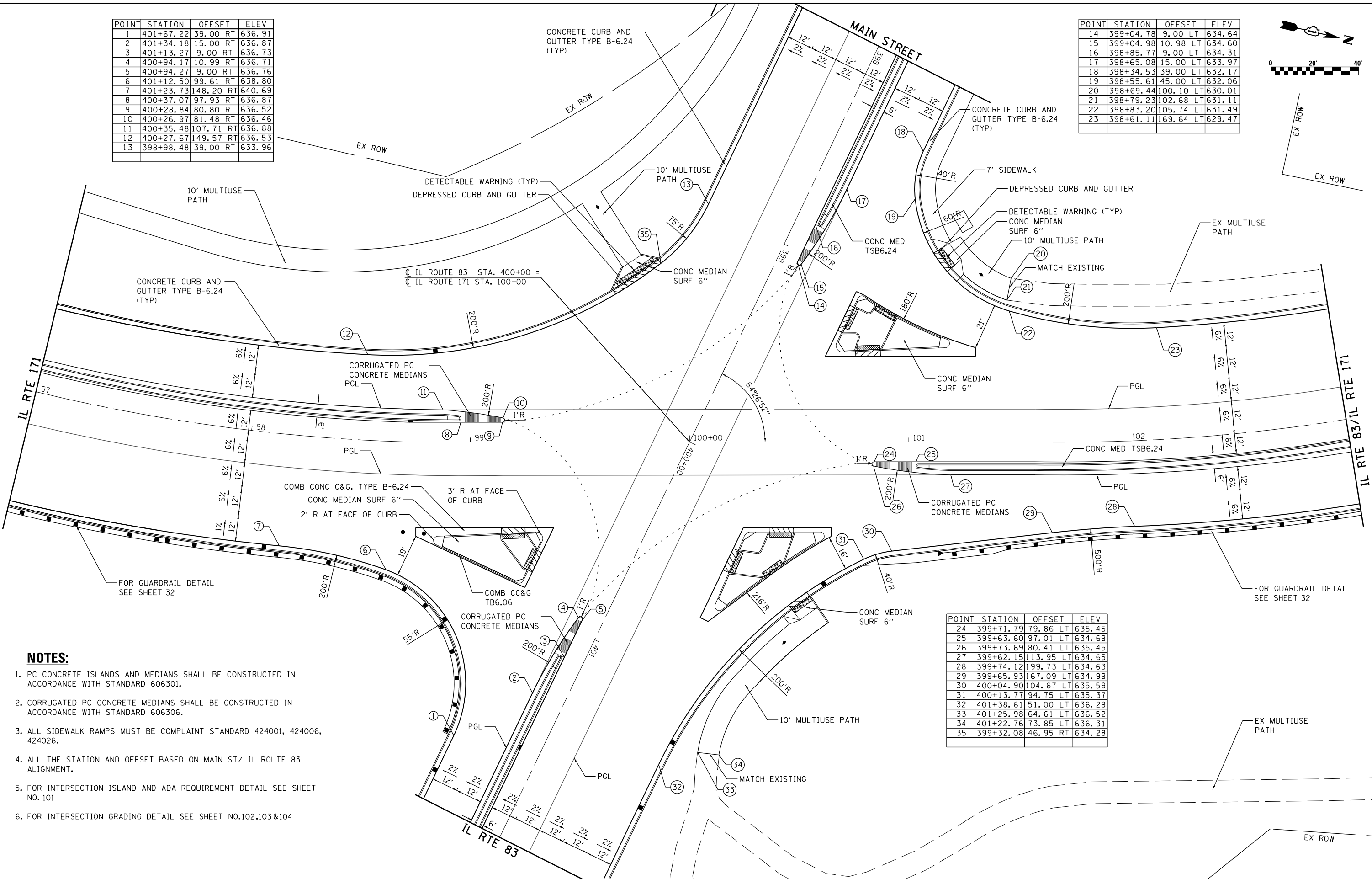
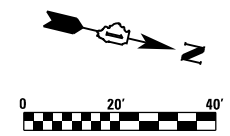
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE) PLAT OF HIGHWAYS

SCALE: NTS SHEET NO. 8 OF 8 SHEETS STA. TO STA.

POINT	STATION	OFFSET	ELEV
1	401+67.22	39.00 RT	636.91
2	401+34.18	15.00 RT	636.87
3	401+13.27	9.00 RT	636.73
4	400+94.17	10.99 RT	636.71
5	400+94.27	9.00 RT	636.76
6	401+12.50	99.61 RT	638.80
7	401+23.73	148.20 RT	640.69
8	400+37.07	97.93 RT	636.87
9	400+28.84	80.80 RT	636.52
10	400+26.97	81.48 RT	636.46
11	400+35.48	107.71 RT	636.88
12	400+27.67	149.57 RT	636.53
13	398+98.48	39.00 RT	633.96

POINT	STATION	OFFSET	ELEV
14	399+04.78	9.00 LT	634.64
15	399+04.98	10.98 LT	634.60
16	398+85.77	9.00 LT	634.31
17	398+65.08	15.00 LT	633.97
18	398+34.53	39.00 LT	632.17
19	398+55.61	45.00 LT	632.06
20	398+69.44	100.10 LT	630.01
21	398+79.23	102.68 LT	631.11
22	398+83.20	105.74 LT	631.49
23	398+61.11	169.64 LT	629.47



NOTES:

1. PC CONCRETE ISLANDS AND MEDIANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301.
2. CORRUGATED PC CONCRETE MEDIANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606306.
3. ALL SIDEWALK RAMPS MUST BE COMPLIANT STANDARD 424001, 424006, 424026.
4. ALL THE STATION AND OFFSET BASED ON MAIN ST/ IL ROUTE 83 ALIGNMENT.
5. FOR INTERSECTION ISLAND AND ADA REQUIREMENT DETAIL SEE SHEET NO. 101
6. FOR INTERSECTION GRADING DETAIL SEE SHEET NO. 102, 103 & 104

POINT	STATION	OFFSET	ELEV
24	399+71.79	79.86 LT	635.45
25	399+63.60	97.01 LT	634.69
26	399+73.69	80.41 LT	635.45
27	399+62.15	113.95 LT	634.65
28	399+74.12	199.73 LT	634.63
29	399+65.93	167.09 LT	634.99
30	400+04.90	104.67 LT	635.59
31	400+13.77	94.75 LT	635.37
32	401+38.61	51.00 LT	636.29
33	401+25.98	64.61 LT	636.52
34	401+22.76	73.85 LT	636.31
35	399+32.08	46.95 RT	634.28

FILE NAME = D:\6025-shr-ntersect\dgn



USER NAME = valvarez	DESIGNED - FA	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - VEA	REVISED -
PLOT DATE = 8/19/2017	CHECKED - MF	REVISED -
	DATE - 6/30/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 AT IL ROUTE 171 (ARCHER AVE)
INTERSECTION DETAIL**

SCALE: 1"=20' SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	3114-N(14)	COOK	225	100
CONTRACT NO. 60Y25				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			