

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 61E53	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DESIGN DESIGNATION: 06-15-2018 LETTING ITEM 212  
5290(40) PRINCIPAL ARTERIAL 17.82 (PCC-20)

**TRAFFIC DATA:**  
**RANDALL ROAD**  
 POSTED SPEED 45 MPH  
 DESIGN SPEED 50 MPH  
 ADT: 48,500 (2014) 68,500 (2040)  
**ALGONQUIN ROAD**  
 POSTED SPEED 40 MPH  
 DESIGN SPEED 45 MPH  
 ADT: 30,900 (2014) 47,900 (2040)  
**BUNKER HILL DRIVE**  
 POSTED SPEED 30 MPH  
 DESIGN SPEED 35 MPH  
 ADT: 12,100 (2014) 21,000 (2030)  
**HUNTINGTON DRIVE**  
 POSTED SPEED 30 MPH  
 DESIGN SPEED 35 MPH  
 ADT: 9,000 (2014) 17,000 (2030)  
**CRYSTAL LAKE ROAD**  
 POSTED SPEED 30 MPH  
 DESIGN SPEED 30 MPH  
 ADT: 4,100 (2014) 7,200 (2030)

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

FAP ROUTE 336: RANDALL ROAD  
HARNISH DRIVE TO POLARIS DRIVE / WEST ACORN LANE

SECTION: 06-00329-01-PW

PROJECT: PW2V(306)

ROADWAY RECONSTRUCTION, ADDITIONAL LANES,  
RETAINING WALLS, BOX CULVERT,  
TRAFFIC SIGNAL MODERNIZATION,  
INTERCONNECT AND LIGHTING

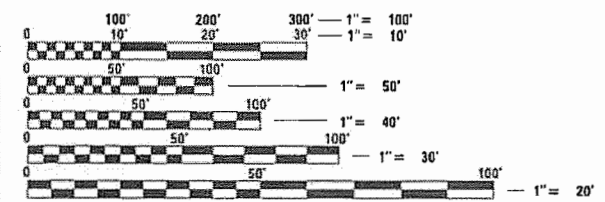
MCHENRY COUNTY

C-91-212-14



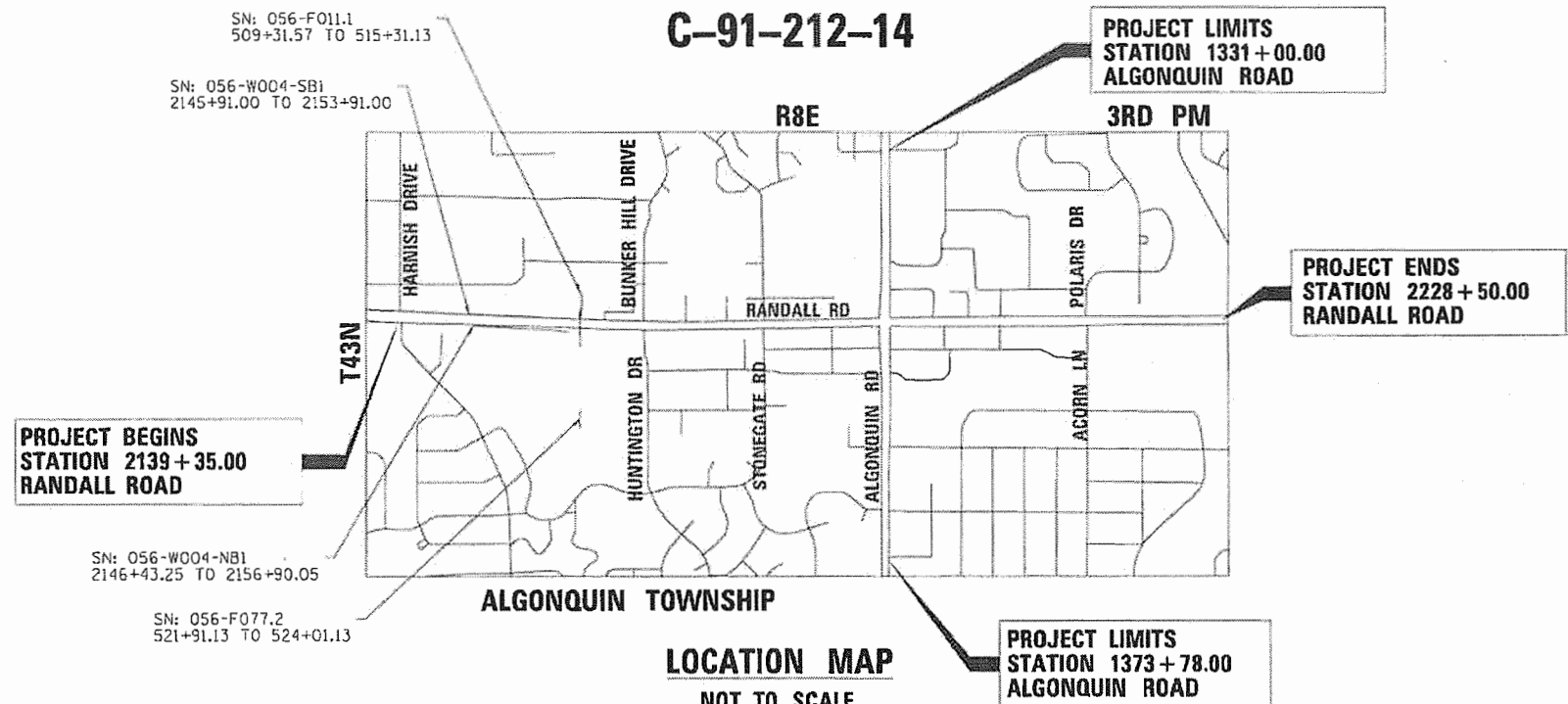
LOCATION OF SECTION INDICATED THUS: -

**PROJECT LOCATED IN:  
VILLAGES OF LAKE IN THE HILLS  
AND ALGONQUIN**



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

GROSS LENGTH = 13,193.00 FT. = 2.50 MILE  
NET LENGTH = 13,193.00 FT. = 2.50 MILE

CONTRACT NO. 61E53

FIRM: TRANSYSTEMS CORP.  
NAME: R. CHRISTOPHER BORUS, P.E.  
LICENSE NUMBER: 062-050901  
DATE: 1/19/18  
SIGNATURE AND SEAL APPLY TO DRAWINGS:  
1 TO 36 AND 13, 64  
67 TO 96, 99, 101 TO 134  
301 TO 380, 401 TO 420, 438 TO 494, 500 TO 502, 504 TO 515  
EXPIRATION DATE: 11/30/19

FIRM: TRANSYSTEMS CORP.  
NAME: MATTHEW D. SANTEFORD, P.E., S.E.  
LICENSE NUMBER: 081-007244  
DATE: 1/19/18  
SIGNATURE AND SEAL APPLY TO DRAWINGS:  
526 TO 682  
EXPIRATION DATE: 11/30/19

FIRM: TRANSYSTEMS CORP.  
NAME: STEPHAN R. FREESE, P.E.  
LICENSE NUMBER: 062-059769  
DATE: 1/19/18  
SIGNATURE AND SEAL APPLY TO DRAWINGS:  
683 TO 825  
EXPIRATION DATE: 11/30/19

FIRM: TRANSYSTEMS CORP.  
NAME: GAURAV RAI, P.E.  
LICENSE NUMBER: 062-065565  
DATE: 1/19/18  
SIGNATURE AND SEAL APPLY TO DRAWINGS:  
503 TO 566  
EXPIRATION DATE: 11/30/19

FIRM: BOLLINGER LACH & ASSOC.  
NAME: DANIEL B. BRUCKELMEYER, P.E.  
LICENSE NUMBER: 062-063352  
DATE: 1/19/18  
SIGNATURE AND SEAL APPLY TO DRAWINGS:  
67 TO 89, 93 TO 98  
67 TO 92, 95 TO 119  
381 TO 422, 432 TO 483, 495 TO 500  
EXPIRATION DATE: 11/30/19

FIRM: BOLLINGER LACH & ASSOC.  
NAME: JOEL J. INDE, P.E., S.E.  
LICENSE NUMBER: 081-005051  
DATE: 1-19-18  
SIGNATURE AND SEAL APPLY TO DRAWINGS:  
683 TO 825  
EXPIRATION DATE: 11/30/19

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
APPROVED JANUARY 17 2018  
Joseph F. Kogalski, Jr.  
COUNTY OF MCHENRY, COUNTY ENGINEER  
PASSED FEBRUARY 16 2018  
Charles F. Riddle  
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS  
RELEASING FOR BID  
BASED ON LIMITED  
REVIEW FEBRUARY 21 2018  
Anthony J. Runtz, III  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

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OF THE STATE OF ILLINOIS**

1475 EAST WOODFIELD ROAD, SUITE 600  
SCHAUMBURG, IL 60173  
PHONE: (847) 605-9600  
FAX: (847) 605-9610  
Bollinger, Lach & Associates, Inc.  
TRASC, ILLINOIS  
PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847)705-4406 SCHAUMBURG, IL

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, DISTRICT ONE STANDARD DETAILS AND HIGHWAY STANDARDS
3-4	GENERAL NOTES
5-21	SUMMARY OF QUANTITIES
22-40	TYPICAL SECTIONS
41-47	SCHEDULE OF QUANTITIES
48-53	ALIGNMENT, TIES, AND BENCHMARKS
54-66	REMOVAL PLANS
67-90	PLAN AND PROFILE
91-101	SIDEWALK, PATH AND DRIVEWAY PLANS
102	PROPOSED ROADWAY DETAILS
103	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - GENERAL NOTES
104-106	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - NARRATIVE
107-122	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - TYPICAL SECTIONS AND NOTES
123-127	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - PRESTAGE
128-139	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1
140-141	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 1A
142-153	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2
154	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 2A
155-166	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - STAGE 3
167-168	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - ALGONQUIN ROAD LANE REDUCTION
169-180	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - INTERSECTION CONSTRUCTION SEQUENCING
181-183	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - PEDESTRIAN DETOUR PLAN
184	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - DETAILS
185-186	EROSION AND SEDIMENT CONTROL DETAILS - GENERAL NOTES
187-192	EROSION AND SEDIMENT CONTROL DETAILS - PRE-STAGE
193-203	EROSION AND SEDIMENT CONTROL DETAILS - STAGE 1
204-216	EROSION AND SEDIMENT CONTROL DETAILS - STAGE 2
217-227	EROSION AND SEDIMENT CONTROL DETAILS - STAGE 3
228-239	EROSION AND SEDIMENT CONTROL DETAILS - DETAILS
240-250	DRAINAGE REMOVAL PLANS
251-285	DRAINAGE PLAN AND PROFILE
286-296	STRUCTURE TABLES
297-299	POND GRADING PLAN
300	DRAINAGE DETAILS
301-302	VILLAGE OF ALGONQUIN DRAINAGE DETAILS
303-304	WATER MAIN GENERAL NOTES
305-310	WATER MAIN PLAN AND PROFILE
311-319	VILLAGE OF ALGONQUIN WATER MAIN DETAILS
320	PLAT OF HIGHWAYS COVER SHEET
321	PLAT OF HIGHWAYS INDEX
322-380	PLAT OF HIGHWAYS
381-402	INTERSECTION DETAIL PLANS
403-429	ADA CURB RAMP DETAILS
430-441	PAVEMENT MARKING PLANS
442-452	EXISTING SIGNING PLANS
453-461	EXISTING SIGNING SCHEDULE
462-473	PROPOSED SIGNING PLANS
474-479	PROPOSED SIGNING SCHEDULE
480-483	PROPOSED SIGNING DETAILS
484-496	LANDSCAPING PLANS
497-501	IRRIGATION PLANS
502	IRRIGATION DETAILS
503-504	TRAFFIC SIGNAL - SCHEDULE OF QUANTITIES
505-513	TRAFFIC SIGNAL - DETAILS
514-515	TRAFFIC SIGNAL PLANS - HARNISH DR AND RANDALL RD
516-522	TRAFFIC SIGNAL PLANS - BUNKER HILL DR/HUNTINGTON DR AND RANDALL RD
523-525	TRAFFIC SIGNAL PLANS - STONEGATE RD AND RANDALL RD
526-534	TRAFFIC SIGNAL PLANS - ALGONQUIN RD AND RANDALL RD
535-537	TRAFFIC SIGNAL PLANS - COMMERCIAL DR (COSTCO/AMC) AND RANDALL RD
538-544	TRAFFIC SIGNAL PLANS - POLARIS DR/ACORN LN AND RANDALL RD
545-552	TRAFFIC SIGNAL PLANS - CRYSTAL LAKE RD AND ALGONQUIN RD
553-567	INTERCONNECT PLANS
568	TRAFFIC SIGNAL - SIGN DETAILS
569	LIGHTING - GENERAL NOTES, LEGEND AND SCHEDULE OF QUANTITIES
570-580	LIGHTING - PLANS
581-583	LIGHTING - WIRING DIAGRAM
584-585	LIGHTING - REMOVAL AND TEMPORARY - PRE-STAGE
586-594	LIGHTING - REMOVAL AND TEMPORARY - STAGE 1
595-603	LIGHTING - REMOVAL AND TEMPORARY - STAGE 2
604-606	LIGHTING - TEMPORARY WIRING DIAGRAM
607-615	IDOT DISTRICT 1 LIGHTING DETAILS
616-625	VILLAGE OF ALGONQUIN LIGHTING DETAILS
626-644	RETAINING WALL - SBI
645-665	RETAINING WALL - NBI
666-672	RAT CREEK CULVERT
673-683	UNDERPASS CULVERT
684-700	UNDERPASS WALLS
701-705	BOARDWALK
706-722	IDOT DISTRICT ONE STANDARD DETAILS
723-728	VILLAGE OF ALGONQUIN ROADWAY DETAILS

**INDEX OF SHEETS (CONTINUED)**

SHEET NO.	DESCRIPTION
729-859	CROSS SECTIONS - RANDALL RD PRESTAGE
860-995	CROSS SECTIONS - RANDALL RD STAGE 1
996-1135	CROSS SECTIONS - RANDALL RD STAGE 2
1136-1273	CROSS SECTIONS - RANDALL RD STAGE 3
1274-1332	CROSS SECTIONS - ALGONQUIN RD PRESTAGE
1333-1391	CROSS SECTIONS - ALGONQUIN RD STAGE 1
1392-1450	CROSS SECTIONS - ALGONQUIN RD STAGE 2
1451-1509	CROSS SECTIONS - ALGONQUIN RD STAGE 3
1510-1528	CROSS SECTIONS - BUNKER HILL DR/HUNTINGTON DR STAGE 1
1529-1548	CROSS SECTIONS - BUNKER HILL DR/HUNTINGTON DR STAGE 2 AND 3
1549-1579	CROSS SECTIONS - STONEGATE RD STAGE 1
1580-1610	CROSS SECTIONS - STONEGATE RD STAGE 2
1611-1641	CROSS SECTIONS - STONEGATE RD STAGE 3
1642-1645	CROSS SECTIONS - COMMERCIAL DR (COSTCO) STAGE 1
1646-1649	CROSS SECTIONS - COMMERCIAL DR (COSTCO) STAGE 2
1650-1653	CROSS SECTIONS - COMMERCIAL DR (COSTCO) STAGE 3
1654-1668	CROSS SECTIONS - POLARIS DR/ACORN LN STAGE 1
1669-1683	CROSS SECTIONS - POLARIS DR/ACORN LN STAGE 2
1684-1699	CROSS SECTIONS - POLARIS DR/ACORN LN STAGE 3
1700-1712	CROSS SECTIONS - CRYSTAL LAKE RD STAGE 1
1713-1725	CROSS SECTIONS - CRYSTAL LAKE RD STAGE 2
1726-1738	CROSS SECTIONS - CRYSTAL LAKE RD STAGE 3
1739-1751	CROSS SECTIONS - MULTI-USE PATH
BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER > = 15' (4.5 m)
BD-02	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5 m)
BD-03	OUTLET FOR CONCRETE CURB AND GUTTER
BD-07	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-12	MANHOLE WITH RESTRICTOR PLATE
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
BD-36	FIRE HYDRANT TO BE MOVED
BD-48	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER
BD-51	BENCHING DETAIL FOR EMBANKMENT WIDENING
BD-52	DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS
BE-210	LIGHTING CONTROLLER PEDESTAL MOUNT
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE-301	LIGHT POLE FOUNDATION 40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE
BE-310	LIGHT POLE FOUNDATION OFFSET 40' (12.192 m) TO 47 1/2' (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE
BE-400	ALUMINUM LIGHT POLE 47'-6" (14.478 m) MOUNTING HEIGHT
BE-702	MISCELLANEOUS ELECTRICAL DETAILS, SHEET A
BE-703	MISCELLANEOUS ELECTRICAL DETAILS, SHEET B
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-801	TEMPORARY AERIAL CABLE INSTALLATION
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING
TS-02	DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS
TS-05	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS

**HIGHWAY STANDARDS**

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
420001-09	PAVEMENT JOINTS
420101-06	24' (7.2 m) JOINTED PCC PAVEMENT
420106-06	36' (10.8 m) JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
424026-02	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES

**HIGHWAY STANDARDS**

542001-06	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIA.
542011-02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" THRU 72" EQUIVALENT DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTIONS
542601-03	REINFORCED CONCRETE PIPE ELBOW 24", 30" OR 36" (600 mm, 750 mm or 900 mm)
542606-02	REINFORCED CONCRETE PIPE TEE
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602101-02	DRAINAGE STRUCTURES TYPE 1, 2 & 3
602301-04	INLET - TYPE A
602401-04	PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER
602406-08	PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER
602411-05	PRECAST MANHOLE TYPE A 7' (2.13 m) DIAMETER
602416-06	PRECAST MANHOLE TYPE A 8' (2.44 m) DIAMETER
602421-06	PRECAST MANHOLE TYPE A 9' (2.74 m) DIAMETER
602501-03	PRECAST VALVE VAULT TYPE A 4' (1.22 m) 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
604086-03	FRAME AND GRATE TYPE 23
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-04	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B-15.60)
606201-04	TYPE B GUTTER (INLET, OUTLET AND ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
635001-02	DELINEATORS
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS >=45 MPH TO 55 MPH
701423-10	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS >= 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATION OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
825011-03	LIGHTING CONTROLLER PEDESTAL MOUNTED, 240 V
830001-03	LIGHT POLE ALUMINUM MAST ARM
836001-03	LIGHT POLE FOUNDATION
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877001-07	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877002-04	STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
877006-06	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011-09	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-06	STEEL COMB. MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, DISTRICT ONE STANDARD DETAILS,  
AND HIGHWAY STANDARDS**

USER NAME = mrc1ss	DESIGNED - WBL	REVISED -	FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILENAME = D:\NNNN\sh-t\gennote1.dgn	DRAWN - MKW	REVISED -	336	06-00329-01-PW	MCHENRY	1751	2
PLOT SCALE = N.T.S. ' in.	CHECKED - RCB	REVISED -			CONTRACT NO.		61E53
PLOT DATE = 5/11/2018	DATE - 4-26-2018	REVISED -	SCALE: NONE	SHEET 1	OF 3	SHEETS	ILLINOIS FED. AID PROJECT

**GENERAL NOTES**

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, APRIL 1, 2016. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE/SHE MUST IMMEDIATELY REPORT THEM TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) AT 8-1-1, THE VILLAGE OF ALGONQUIN AT (847) 658-2700, THE VILLAGE OF LAKE IN THE HILLS AT (847) 960-7400 AND MCDOT AT (815) 334-4960 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS REFER TO NAVD88 UNLESS NOTED OTHERWISE.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING.
- DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W. UNLESS OTHERWISE NOTED.
- ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR VESTS AT ALL TIMES THAT MEET THE ANSI 207 STANDARD WHILE ON THE CONSTRUCTION SITE.
- 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. 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 THICKNESSES OF HOT MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT MIX ASPHALT MIXTURES ARE TO BE PLACED.
  - WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
  - THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
  - ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR JOINTED RC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
  - CONTRACTOR SHALL ABIDE BY ACCESSIBILITY TO PUBLIC RIGHT-OF-WAY REQUIREMENTS.
  - CONFLICTS MAY OCCUR BETWEEN THE ROADWAY PLANS AND RIGHT-OF-WAY PLAT OF HIGHWAYS. THE RIGHT-OF-WAY PLATS SHALL TAKE PRECEDENCE IN CONFLICTS IN RIGHT-OF-WAY OR EASEMENTS. THE ROADWAY PLANS SHALL TAKE PRECEDENCE IN ITEMS FOR CONSTRUCTION.
  - THE CONTRACTOR SHALL COORDINATE WORK WITH PRIVATE UTILITY COMPANIES AND THEIR CONTRACTORS FOR ADJUSTMENTS, SUPPORTS, AND RELOCATION. UTILITY WORK WILL GENERALLY BE CONDUCTED PRIOR TO ROADWAY WORK, BUT CERTAIN ITEMS MAY NEED TO PROCEED IN CONCERT WITH CONSTRUCTION OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AFFECTED UTILITIES AND COORDINATE WORK WITHIN THE CONSTRUCTION SCHEDULE.
  - ALL ROADWAY WIDTHS AND RADII SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
  - ALL REINFORCEMENT BARS, DOWEL BARS, AND TIE BARS SHALL BE EPOXY COATED UNLESS OTHERWISE NOTED IN THE PLANS.
  - THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
  - ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- STORM SEWERS, WATER MAINS, AND UTILITIES
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
  - THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
  - ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
  - THE CONTRACTOR SHALL PROTECT EXISTING AND NEW UTILITIES WHEN CONSIDERED NECESSARY BY METHODS APPROVED BY THE ENGINEER, AND HE/SHE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES.

- UNLESS OTHERWISE NOTED OFFSETS FOR DRAINAGE STRUCTURES LOCATED IN CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT AND OFFSETS FOR DRAINAGE STRUCTURES NOT LOCATED IN THE CURB AND GUTTER ARE TO THE CENTER OF THE STRUCTURE.
- 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.
- WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE MCHENERY COUNTY OF DIVISION OF TRANSPORTATION AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER.
- ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID WORDS AS SPECIFIED IN THE SPECIAL PROVISIONS.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION.
- ALL STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE WITH FLEXIBLE GASKET MEETING THE REQUIREMENTS OF ASTM C361.
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.
- DRAINAGE STRUCTURES SHALL BE ROTATED TOWARDS THE BACK OF CURB, WHERE APPROPRIATE. SOME LOCATIONS CANNOT BE RELOCATED DUE TO UTILITY CONFLICTS.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED A MINIMUM OF 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER.

BACKFILL

- STORM SEWER SHALL BE BACK FILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY.

SIGNING AND STRIPING

- SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAIL, AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET, REMOVE OR COVER ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS AND/OR CONFLICT WITH CONSTRUCTION TRAFFIC PATTERNS DESCRIBED IN THE MAINTENANCE OF TRAFFIC PLANS OR DIRECTED BY THE ENGINEER. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
- ALL SIGNS SHALL BE INSTALLED OR RELOCATED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED.
- ALL SIGNS TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE MCDOT AND SHALL BE RETURNED TO MCDOT AT 16111 NELSON ROAD, WOODSTOCK, IL 60098, (815) 334-4960 UPON REMOVAL.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>			FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILENAME = D:\NNNNN-sht-gennote2.dgn	DRAWN - MKW	REVISED -					336	06-00329-01-PW	MCHENRY	1751	3
PLOT SCALE = N.T.S.	CHECKED - RCB	REVISED -		CONTRACT NO. 61E53							
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -		SCALE: NONE	SHEET 2	OF 3 SHEETS	ILLINOIS FED. AID PROJECT				

**GENERAL NOTES CONTINUED**

EROSION CONTROL PLANS

1. SEE EROSION CONTROL PLANS FOR GENERAL NOTES CONCERNING EROSION CONTROL.

TRAFFIC CONTROL PLANS

1. SEE TRAFFIC CONTROL PLANS FOR GENERAL NOTES CONCERNING TRAFFIC CONTROL AND PROTECTION.

EARTHWORK

1. PRIOR TO ANY EMBANKMENT PLACEMENT ALL VEGETATION AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL AS APPROVED BY THE ENGINEER
2. EXISTING TOPSOIL IS ASSUMED TO BE 6 INCHES IN THICKNESS AND IS REMOVED UNDER THE PAY ITEM, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.

STRUCTURAL PLANS

1. SEE STRUCTURAL PLANS FOR GENERAL NOTES CONCERNING STRUCTURAL DESIGN.

LIGHTING PLANS

1. SEE LIGHTING PLANS FOR GENERAL NOTES CONCERNING LIGHTING DESIGN.

**COMMITMENTS**

1. A COMMITMENT WAS MADE TO THE OWNER OF PARCEL 0036 (CAR WASH ON THE SOUTH SIDE OF ALGONQUIN ROAD) STATING THAT THE FOUNDATIONS AND CONDUIT FOR THE EXISTING VACUUM CLEANERS WITHIN THE TEMPORARY EASEMENT WOULD NOT BE DISTURBED BY CONSTRUCTION ACTIVITIES.
2. A COMMITMENT WAS MADE TO THE VILLAGE OF ALGONQUIN TO COORDINATE ANY LANE CLOSURES REQUIRED FOR STORM SEWER INSTALLATION ALONG ALGONQUIN ROAD WITH THE VILLAGE.
3. THE CONTRACTOR SHALL EXERCISE CARE TO PROTECT THE EXISTING SIGN (BUFFALO WILD WINGS) LOCATED WITHIN THE TEMPORARY EASEMENT ALONG RANDALL ROAD AT APPROXIMATELY STATION 2171+00, RT.
4. THE CONTRACTOR SHALL EXERCISE CARE TO PROTECT THE EXISTING SIGNS (RED ROBIN AND PANERA) LOCATED WITHIN THE TEMPORARY EASEMENT ALONG RANDALL ROAD AT APPROXIMATELY STATIONS 2172+70, RT AND 2174+60, RT.
5. THE CONTRACTOR SHALL EXERCISE CARE TO PROTECT THE EXISTING SIGN (KFC) LOCATED WITHIN THE TEMPORARY EASEMENT ALONG RANDALL ROAD AT APPROXIMATELY STATION 2177+50, RT.
6. THE CONTRACTOR SHALL EXERCISE CARE TO PROTECT THE EXISTING SIGNS (CITGO) LOCATED WITHIN THE TEMPORARY EASEMENT ALONG RANDALL ROAD AT APPROXIMATELY STATION 2190+35, LT. AND ALONG ALGONQUIN ROAD AT APPROXIMATELY STATION 1346+75, RT.
7. THE CONTRACTOR SHALL EXERCISE CARE TO PROTECT THE EXISTING SIGN (BANK OF AMERICA) LOCATED WITHIN THE TEMPORARY EASEMENT ALONG RANDALL ROAD AT APPROXIMATELY STATION 2203+10, LT.
8. THE CONTRACTOR SHALL EXERCISE CARE TO PROTECT THE EXISTING SIGN AND LANDSCAPING (BUSHES/TREES) (CHEN'S CHINESE) LOCATED WITHIN THE TEMPORARY EASEMENT ALONG RANDALL ROAD APPROXIMATELY BETWEEN STATION 2206+50, LT. AND STATION 2208+50, LT.

**PUBLIC SERVICE CONTACT LIST**

ALGONQUIN-LAKE IN THE HILLS FIRE PROTECTION DISTRICT

1020 W ALGONQUIN ROAD, LAKE IN THE HILLS, IL 60156  
 (847) 658-8233  
 CONTACT: PETER VAN DORPE, FIRE CHIEF

VILLAGE OF ALGONQUIN

2200 HARNISH DRIVE, ALGONQUIN, IL 60102  
 (847) 658-2700  
 CONTACT: JOHN SCHMITT, PRESIDENT

VILLAGE OF LAKE IN THE HILLS

600 HARVEST GATE, LAKE IN THE HILLS, IL 60156  
 (847) 960-7400  
 CONTACT: RUSS RUZANSKI, PRESIDENT

SCHOOL DISTRICT 300

2550 HARNISH DRIVE, ALGONQUIN, IL 60102  
 (847) 551-8300  
 CONTACT: FREDERICK HEID, SUPERINTENDENT

UNITED STATES POSTAL SERVICE

801 ALGONQUIN ROAD WEST, ALGONQUIN, IL 60102  
 (847) 658-0012  
 CONTACT: REGINA COLBURN SOUREK, POSTMASTER

MCHENRY COUNTY SHERIFFS OFFICE

2200 NORTH SEMINARY AVENUE, WOODSTOCK, IL 60098  
 (815) 338-2144  
 CONTACT: BILL PRIMM, SHERIFF



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>			FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILENAME = D:\NNNN\sh-t-gennote3.dgn	DRAWN - MKW	REVISED -					336	06-00329-01-PW	MCHENRY	1751	4
PLOT SCALE = N.T.S.	CHECKED - RCB	REVISED -		SCALE: NONE SHEET 3 OF 3 SHEETS			CONTRACT NO. 61E53				
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -		ILLINOIS FED. AID PROJECT							



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA
				0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3,209	3,209																
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	722	722																
20100500	TREE REMOVAL, ACRES	ACRE	1.50	1.50																
20101000	TEMPORARY FENCE	FOOT	6,183	6,183																
20101700	SUPPLEMENTAL WATERING	UNIT	9,849.4	9,849.4																
20200100	EARTH EXCAVATION	CU YD	99,775	85,748	1,301													12,726		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	26,020	23,990	52													1,978		
20400800	FURNISHED EXCAVATION	CU YD	2,070	2,070																
20700220	POROUS GRANULAR EMBANKMENT	CU YD	1,578	127	4													1,447		
20800150	TRENCH BACKFILL	CU YD	25,506	22,886	2,620															
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	10,351	10,351																
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	72,107	72,107																
21101685	TOPSOIL FURNISH AND PLACE, 24"	SO YD	6,027	6,027																
* 25000210	SEEDING, CLASS 2A	ACRE	17.25	17.25																
* 25000312	SEEDING, CLASS 4A	ACRE	5.50	5.50																
* 25000314	SEEDING, CLASS 4B	ACRE	6.00	6.00																
* 25000322	SEEDING, CLASS 5A	ACRE	5.50	5.50																
* 25000324	SEEDING, CLASS 5B	ACRE	6.00	6.00																
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,590	1,590																
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,590	1,590																
* 25000750	MOWING	ACRE	23.25		23.25															
* 25100630	EROSION CONTROL BLANKET	SO YD	84,905	83,976	929															
* 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SO YD	20,362	20,362																
* 25200110	SODDING, SALT TOLERANT	SO YD	2,118	2,118																
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,997	2,997																
28000305	TEMPORARY DITCH CHECKS	FOOT	100	100																
28000400	PERIMETER EROSION BARRIER	FOOT	28,786	28,786																
28000500	INLET AND PIPE PROTECTION	EACH	15	15																
28000510	INLET FILTERS	EACH	450	450																
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	39,527	39,527																
28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SO YD	1,112	1,112																

\* SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	5
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80% STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA	100% LA
				0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043		
28100105	STONE RIPRAP, CLASS A3	SQ YD	112	112																
28100107	STONE RIPRAP, CLASS A4	SQ YD	362	362																
28100109	STONE RIPRAP, CLASS A5	SQ YD	259	259																
28100111	STONE RIPRAP, CLASS A6	SQ YD	270	270																
28200200	FILTER FABRIC	SQ YD	1,003	964	39															
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	7,961	5,983														1,978		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	152,819	152,819																
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	9,591	1,162	7,235														1,194	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	15,183	6,603	605														7,975	
35102100	AGGREGATE BASE COURSE, TYPE B 9"	SQ YD	17	17																
35200500	CEMENT	100 WT	4,491		4,491															
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	4,857	4,816	41															
35600700	HOT-MIX ASPHALT BASE COURSE WIDENING, 6"	SQ YD	388	388																
35600706	HOT-MIX ASPHALT BASE COURSE WIDENING, 7 1/2"	SQ YD	419	419																
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	239	239																
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	25,650.0	7,680.0															17,970.0	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	58,990.0	58,990.0																
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	103	103																
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	813	813																
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,788	1,788																
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	908		908															
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	4,291	1,556	943														1,792	
40701856	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 3/4"	SQ YD	6,726	6,726																
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	9,083	9,083																
42000406	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	SQ YD	23,099	23,099																
42000506	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)	SQ YD	74,864	74,864																
42001300	PROTECTIVE COAT	SQ YD	23,137	20,392	868														1,877	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	5,638	4,742	896															
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	86,200	10,443.5	65,045.0														10,711.5	
42400800	DETECTABLE WARNINGS	SQ FT	2,038.5		1,001.0														1,037.5	
44000100	PAVEMENT REMOVAL	SQ YD	175,572	175,572																

• SPECIALTY ITEM  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 2 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	6
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION							
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA				
				0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	18,675	18,675																			
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	2,112	2,112																			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	13,007	12,034	973																		
44000500	COMBINATION CURB AND CUTTER REMOVAL	FOOT	38,589	36,783	1,806																		
44000600	SIDEWALK REMOVAL	SQ FT	26,687	24,337	2,350																		
44003100	MEDIAN REMOVAL	SQ FT	23,956	23,956																			
44004000	PAVED DITCH REMOVAL	FOOT	293	293																			
44004250	PAVED SHOULDER REMOVAL	SQ YD	6,302	6,302																			
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	224	224																			
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	989	978	11																		
44201857	CLASS D PATCHES, TYPE IV, 17 INCH	SQ YD	1,418	1,418																			
48101610	AGGREGATE SHOULDERS, TYPE B 9"	SQ YD	24	24																			
50105220	PIPE CULVERT REMOVAL	FOOT	1,836	1,836																			
50200100	STRUCTURE EXCAVATION	CU YD	7,868	2,468	906																4,494		
50300225	CONCRETE STRUCTURES	CU YD	508.1																			508.1	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	955.1																			955.1	
50300285	FORM LINER TEXTURED SURFACE	SQ FT	9,854	422																		9,432	
50500505	STUD SHEAR CONNECTORS	EACH	853																			853	
50800105	REINFORCEMENT BARS	POUND	14,630																			14,630	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	194,340	17,560	3,660																	173,120	
51200610	FURNISHING TREATED PILES OVER 38 FEET	FOOT	14,612																			14,612	
51202305	DRIVING PILES	FOOT	14,612																			14,612	
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1,986	1,120	866																		
52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	2,666																			2,666	
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	18,847																			18,847	
52200250	UNTREATED TIMBER LAGGING	SQ FT	5,863																			5,863	
52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	19,932																			19,932	
52200600	GEOTEXTILE RETAINING WALL	SQ FT	110		110																		
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	314	314																			
54003000	CONCRETE BOX CULVERTS	CU YD	143.5	122.5	21.0																		
54011004	PRECAST CONCRETE BOX CULVERTS 10' X 4'	FOOT	119.0		119.0																		

\* SPECIALTY ITEM  
 X CONSTRUCTION TYPE CODE 0042

USER NAME = mrcjss	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN-sht-soq.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / in.	CHECKED - RCB	REVISED -
PLOT DATE = 5/4/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>		
SCALE: NONE	SHEET 3	OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	7
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS														
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER	
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA	100% LA
				0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043	
5421A012	PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)	FOOT	45	45																	
5421A015	PIPE CULVERTS, CLASS A, TYPE 1 15" (TEMPORARY)	FOOT	30	30																	
5421A018	PIPE CULVERTS, CLASS A, TYPE 1 18" (TEMPORARY)	FOOT	20	20																	
5421A021	PIPE CULVERTS, CLASS A, TYPE 1 21" (TEMPORARY)	FOOT	263	263																	
5421A030	PIPE CULVERTS, CLASS A, TYPE 1 30" (TEMPORARY)	FOOT	218	218																	
54210186	PIPE ELBOW, 18"	EACH	1	1																	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	13	13																	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2																	
54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	4	4																	
542A1060	PIPE CULVERTS, CLASS A, TYPE 2 15"	FOOT	49	49																	
542A5479	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	30		30																
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	291	291																	
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	108	108																	
54261336	CONCRETE END SECTION, STANDARD 542001, 36", 1:3	EACH	2	2																	
54263460	CONCRETE END SECTION, STANDARD 542011, 60", 1:4	EACH	1	1																	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,470	1,470																	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	447	447																	
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	116	116																	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	10	10																	
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	75	75																	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	7,360	7,360																	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	3,480	3,480																	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,671	1,671																	
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,870	1,870																	
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	1,354	1,354																	
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	922	922																	
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	624	624																	
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	122	122																	
550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	81	81																	
550A0500	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	2,183	2,183																	
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	264		264																

- SPECIALTY ITEM
- X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc159	DESIGNED - WBL	REVISED -
FILENAME = D:\N\N\N\sh\sq.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / 1/4"	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 4 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	8
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	





CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA	100% LA
				0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043		
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	499	499																
550A0940	STORM SEWERS, CLASS A, TYPE 4 12"	FOOT	6		6															
550A0960	STORM SEWERS, CLASS A, TYPE 4 15"	FOOT	227		227															
550A1050	STORM SEWERS, CLASS A, TYPE 4 36"	FOOT	20	20																
550A5500	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42"	FOOT	50	50																
550A5530	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 60"	FOOT	98	98																
55100300	STORM SEWER REMOVAL 8"	FOOT	375	375																
55100500	STORM SEWER REMOVAL 12"	FOOT	5,732	5,732																
55100700	STORM SEWER REMOVAL 15"	FOOT	1,836	1,836																
55100900	STORM SEWER REMOVAL 18"	FOOT	1,441	1,441																
55101100	STORM SEWER REMOVAL 21"	FOOT	185	185																
55101200	STORM SEWER REMOVAL 24"	FOOT	1,282	1,282																
55101400	STORM SEWER REMOVAL 30"	FOOT	1,329	1,329																
55101600	STORM SEWER REMOVAL 36"	FOOT	83	83																
55101800	STORM SEWER REMOVAL 42"	FOOT	424	424																
55101900	STORM SEWER REMOVAL 48"	FOOT	205	205																
55102000	STORM SEWER REMOVAL 54"	FOOT	317	317																
56103000	DUCTILE IRON WATER MAIN 6"	FOOT	21																21	
56103100	DUCTILE IRON WATER MAIN 8"	FOOT	157																157	
56103200	DUCTILE IRON WATER MAIN 10"	FOOT	533																533	
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	1,111																1,111	
56105000	WATER VALVES 8"	EACH	2																2	
56105100	WATER VALVES 10"	EACH	1																1	
56105200	WATER VALVES 12"	EACH	5																5	
56106400	ADJUSTING WATER MAIN 8"	FOOT	120																120	
56106500	ADJUSTING WATER MAIN 10"	FOOT	100																100	
56106610	ADJUSTING WATER MAIN 14"	FOOT	250																250	
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2																2	
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	6																6	
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	6																6	
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	3																3	

• SPECIALTY ITEM  
 X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc0139	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN\shh-500.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/26/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 5 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	9
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS														
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER	
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA) 0004	100% LA 0004	100% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	90% HSIP 10% LA 0021	100% LA 0021	80% STR 20% LA 0028	80% STR 20% LA 0044	80% CMAQ 20% LA 0043	100% LA 0043
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1,257	517															740		
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	3,318	3,318																	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	22	19	3																
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	19	19																	
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	114	114																	
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	8	8																	
60204805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	6	6																	
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	5	5																	
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	26	25	1																
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	7	7																	
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	111	111																	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	30	30																	
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2																	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	12	12																	
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	3																	
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6																	
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1																	
60224020	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	11	11																	
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	7	7																	
60224448	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8 GRATE	EACH	1	1																	
60224449	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2																	
60224456	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2																	
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	19	19																	
60224461	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	5	5																	
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5																	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	5	5																	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	9	9																	
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1																		1
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10																		10
60250200	CATCH BASINS TO BE ADJUSTED	EACH	15	15																	
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	10	10																	

- SPECIALTY ITEM
- X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc100	DESIGNED - WBL	REVISED -
FILENAME = D:\N\N\N\sh-t-soq.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / 1"	CHECKED - RCB	REVISED -
PLOT DATE = 4/26/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 6 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	10
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA	100% LA
				0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043		
60251200	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	11	11																
60251500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	10	10																
60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	3																
60255500	MANHOLES TO BE ADJUSTED	EACH	49	49																
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	4	4																
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1																
60256400	MANHOLES TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	7	7																
60256700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	13	13																
60256940	MANHOLES TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	2	2																
60260100	INLETS TO BE ADJUSTED	EACH	2	2																
60260400	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	15	15																
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	5	5																
60263000	INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1																
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	37																37	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	5																5	
60500040	REMOVING MANHOLES	EACH	49	49																
60500050	REMOVING CATCH BASINS	EACH	54	54																
60500060	REMOVING INLETS	EACH	77	77																
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.0	5.0																
60602800	CONCRETE GUTTER, TYPE B	FOOT	672.0															672		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	12,740.0	9,265.5	3,474.5															
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	32,669.0	32,669.0																
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	780.5	780.5																
60608521	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24	FOOT	332.5	332.5																
60609800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18	FOOT	277.0	277.0																
60617800	PAVED FLUME	FOOT	13	13																
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	12,732	12,732																
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	10,460	10,460																
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	4,122	3,694	428															
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	6,837	6,837																
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	16	16																

• SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc199	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNNN-shr\soq.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/26/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>		
SCALE: NONE	SHEET 7	OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	11
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA
0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043	0043		
63200310	GUARDRAIL REMOVAL	FOOT	2,354	2,354																
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	662	662																
66900400	SPECIAL WASTE GROUNDWATER DISPOSAL	GALLON	3,000	3,000																
66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1																
66900500	BETX SOIL ANALYSIS	EACH	5	5																
66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3																
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MD	36	36																
67100100	MOBILIZATION	LSUM	1	1																
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	1,080	1,080																
70300100	SHORT TERM PAVEMENT MARKING	FOOT	18,332	18,332																
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6,494	6,494																
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1,820	1,820																
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	267,940	243,816	24,124															
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	26,880	26,432	448															
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	284	284																
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2,914	2,914																
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1,786	1,786																
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	3,848	3,848																
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	344,000	344,000																
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	53,100	53,100																
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	2,484	2,148	336															
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	5,828	5,828																
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	2,086	1,992	94															
70400100	TEMPORARY CONCRETE BARRIER	FOOT	10,425.0	10,425.0																
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	16,287.5	16,287.5																
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	31	31																
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	26	26																
72000100	SIGN PANEL - TYPE 1	SQ FT	2,302	2,002		60	30	60	30	60	60									
72000200	SIGN PANEL - TYPE 2	SQ FT	307	307																
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	95	95																
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	28	28																

• SPECIALTY ITEM  
 X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc128	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNNN-sht-soq.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / 1" =	CHECKED - RCB	REVISED -
PLOT DATE = 4/26/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 8 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	12
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA
0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043			
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	273	273																
* 72400320	REMOVE SIGN PANEL - TYPE 2	SO FT	42	42																
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2																
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	13	13																
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	148	148																
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,246	1,246																
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,148	1,148																
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,386	1,386																
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	192	192																
* 78004100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LETTERS AND SYMBOLS	SO FT	5,935	5,602	333															
* 78004110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 4"	FOOT	32,960	30,110	2,850															
* 78004130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 6"	FOOT	31,864	30,964	900															
* 78004140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 8"	FOOT	4,558	4,558																
* 78004150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 12"	FOOT	11,172	11,002	170															
* 78004180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - LINE 24"	FOOT	2,188	2,073	115															
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	450	450																
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	6		2	1		1		1		1								
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1			1														
* 80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	3					1	1	1										
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	3							1	1	1								
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	11,415		394	520		24	19	29	14	25	90	10,300						
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	30			30														
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	4,980			4,407	40	106	83	50	58	142	94							
* 81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	226					27	27	97	47		28							
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	4,929		392		316	662	712	1,100	672	578	497							
* 81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	335			335														
* 81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	30			30														
* 81200100	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	1,727			1,727														
* 81200240	CONDUIT EMBEDDED IN STRUCTURE, 2 1/2" DIA., PVC	FOOT	798			798														
* 81300100	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 4" X 4" X 3"	EACH	26			26														
* 81300320	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"	EACH	6			6														

\* SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc139	DESIGNED - WBL	REVISED -
FILENAME = D:\NMN\sh-t-soq.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / 1" =	CHECKED - RCB	REVISED -
PLOT DATE = 4/26/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 9 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	13
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS											MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION					
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA				
0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043				
81304000	JUNCTION BOX EMBEDDED IN STRUCTURE 8" X 8" X 6"	EACH	4			4															
81304100	JUNCTION BOX EMBEDDED IN STRUCTURE 12" X 12" X 6"	EACH	2			2															
81400100	HANDHOLE	EACH	27					2	4		4	2	2	13							
81400300	DOUBLE HANDHOLE	EACH	14					2	2	4	2	2	2								
81603037	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2,272			2,272															
81603110	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	25,517			25,517															
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	8,041			8,041															
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	5,842			5,842															
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	150			150															
81702440	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0	FOOT	150			150															
81800415	AERIAL CABLE, 4-1/C NO. 6 WITH MESSENGER WIRE	FOOT	21,000			21,000															
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	2			2															
82500370	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	3			3															
83007500	LIGHT POLE, ALUMINUM, 35 FT. M.H., 12 FT. MAST ARM	EACH	12			12															
83050800	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	155			155															
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	1,820			1,820															
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	12			12															
83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	155			155															
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	6			6															
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	94			94															
84200804	REMOVAL OF POLE FOUNDATION	EACH	99			99															
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	3			3															
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4										4								
86400100	TRANSCEIVER - FIBER OPTIC	EACH	6					1	1	1	1	1	1								
87100140	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 12F	FOOT	800											800							
87300901	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 12 1C	FOOT	18,760											18,760							
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	12,993				2,365	3,887	1,292	1,979	1,152	1,582	736								
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	20,611				3,754	4,279	2,930	3,319	2,599	2,644	1,086								
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	24,729					3,773	5,106	5,714	4,680	3,437	2,019								
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	8,345						2,232		1,806		1,828	2,479							
87301290	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C	FOOT	4,788						1,000	485	1,122	464	889	828							

• SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc155	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN\sh1-soq.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/26/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 10 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	14
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA) 0004	100% LA 0004	100% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	90% HSIP 10% LA 0021	100% LA 0021	80% STR 20% LA 0028	80% STR 20% LA 0044	80% CMAQ 20% LA 0043
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	355					50	50	50	50	50	105							
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	6,144				265	933	968	1,393	923	854	808							
* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	4				3						1							
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2	2																
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	6						2		2		2							
* 87700430	STEEL MAST ARM ASSEMBLY AND POLE, 75 FT.	EACH	2	2																
* 87702820	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 18 FT.	EACH	1							1										
* 87702840	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.	EACH	2								1		1							
* 87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	2								1		1							
* 87702860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT.	EACH	1										1							
* 87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	3					1		1			1							
* 87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1					1												
* 87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	2					2												
* 87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1										1							
* 87702960	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT.	EACH	3										3							
* 87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	2										2							
* 87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	2					1					1							
* 87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	2					2												
* 87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1										1							
* 87703020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1						1											
* 87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	2					1		1										
* 87703040	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1						1											
* 87703070	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 66 FT.	EACH	1							1										
* 87703080	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 68 FT.	EACH	1								1									
* 87703090	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 70 FT.	EACH	1							1										
* 87703110	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 74 FT.	EACH	1							1										
* 87703120	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 75 FT.	EACH	1								1									
* 87704320	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 24 FT. AND 32 FT.	EACH	2						2											
* 87704350	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 32 FT.	EACH	1								1									
* 87704360	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 32 FT. AND 34 FT.	EACH	1								1									
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	84				12	12	20	4	20	4	12							

\* SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc188	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN\sh-t\soq.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/26/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 11 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	15
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA
				0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043	
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	24																	
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	409																	
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	259			50														
* 87900100	DRILL EXISTING FOUNDATION	EACH	1						1											
* 87900200	DRILL EXISTING HANDHOLE	EACH	10						8											
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	91							14	18	20	18	14	7					
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6								2		2		2					
* 88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4																	
* 88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4																	
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2																	
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	26							8		8		8	2					
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	44							8	8	4	8	4	8	4				
* 88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	121								22	18	28	18	22	9				
* 88700200	LIGHT DETECTOR	EACH	22																	
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	6																	
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4								1		1	1	1					
* 89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2																	
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4								1		1	1	1					
* 89502380	REMOVE EXISTING HANDHOLE	EACH	37								9		4	2	3	19				
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	5								1		1	2	1					
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	34								9		7	9	9					
LR420010	PORTLAND CEMENT CONCRETE PAVEMENT (SPECIAL)	SQ YD	280			280														
* X0322141	REMOVE TEMPORARY WOOD POLE	EACH	83																	
* X0322208	TEMPORARY STORM SEWER PLUGS	EACH	84			84														
* X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	12			12														
* X0322936	REMOVE EXISTING FLARED END SECTION	EACH	2			2														
* X0322938	TEMPORARY END SECTION	EACH	7			7														
* X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	10								1	1	1	1	1	3				
* X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	5,437																	
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	7,140																	
* X0325110	BIAIXIAL GEOGRID	SQ YD	4,714																	4,714

\* SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042

USER NAME = btwegner	DESIGNED - WBL	REVISED -
FILENAME = DINMWN-sht-soq.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / 1" =	CHECKED - RCB	REVISED -
PLOT DATE = 5/14/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 12	OF 17	SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	16
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	





CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS											MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER				
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALGONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALGONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION									
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA) 0004	100% LA 0004	100% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	90% HSIP 10% LA 0021	100% LA 0021	80% STR 20% LA 0028					80% STR 20% LA 0044	80% CMAQ 20% LA 0043	100% LA 0043	
X0326694	PLUG EXISTING STORM SEWERS	CU YD	1.4	1.4																					
X0326806	WASHOUT BASIN	LSUM	1	1																					
X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	2	2																					
X0327000	TEMPORARY CONNECTION TO EXISTING STORM SEWER	EACH	10	10																					
X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	83																						
X0327036	BIKE PATH REMOVAL	SQ YD	1,075		1,075																				
X0327241	STEEL CASING PIPE IN TRENCH, 24 INCH	FOOT	200																						200
X0327651	WATER MAIN IN CASING, 12"	FOOT	200																						200
X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	28					4	4	4	4	4	4												
X0327769	INSERTION VALVES, 10"	EACH	2																						2
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	21,580	21,015	565																				
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3,406	3,406																					
X0426200	DEWATERING	LSUM	1	1																					
X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	354	354																					
X1200044	TEMPORARY STORM SEWER 12"	FOOT	121	121																					
X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	600					100	100		300			100											
X1400145	RADAR SPEED SIGN	EACH	2	2																					
X1400156	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, FAR BACK	EACH	14						2	2	4	2	2	2											
X1400201	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	4							2				2											
X1400202	LUMINAIRE (SPECIAL)	EACH	31																						
X1400215	REMOTE CONTROLLED VIDEO SYSTEM	EACH	4					1	1				1	1											
X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	4,507	4,507																					
X2800302	TEMPORARY DITCH CHECKS (SPECIAL)	FOOT	1,500	1,500																					
X2800400	PERIMETER EROSION BARRIER, SPECIAL	FOOT	6,183	6,183																					
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	49	36	13																				
X4023000	TEMPORARY ACCESS (ROAD)	EACH	6	6																					
X4024100	TEMPORARY ACCESS (WINTERIZE)	SQ YD	2,738	2,738																					
X4060004	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80	TON	1,955	1,955																					
X4200995	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	SQ YD	4,004	4,004																					
X4201015	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)	SQ YD	17,990	17,990																					
X4240460	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL	SQ FT	120.0	120.0																					

• SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042

USER NAME = btwegner  
FILENAME = D:\N\N\N\sh-t-soq.dgn  
PLOT SCALE = N.T.S. / 1"  
PLOT DATE = 5/14/2018

DESIGNED - WBL  
DRAWN - MRC  
CHECKED - RCB  
DATE - 4-26-2018

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 13 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	17
			CONTRACT NO. 61E53	
ILLINOIS FED. AID PROJECT				



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA	80% STR 20% LA	80% CMAQ 20% LA	100% LA
				0004	0004	0021	0021	0021	0021	0021	0021	0021	0021	0021	0028	0044	0043	0043		
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	324.0	80.0	244.0															
X5030290	STAINING CONCRETE STRUCTURES	SQ FT	26,654	506												26,148				
* X5091725	BICYCLE RAILING, SPECIAL	FOOT	710													710				
* X5091755	PARAPET RAILING, SPECIAL	FOOT	1,871	66												1,805				
X5401611	PRECAST CONCRETE BOX CULVERTS 16' X 11' (SPECIAL)	FOOT	145.0	145.0																
X5427600	REMOVE AND RELOCATE END SECTIONS	EACH	5	5																
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1,225		1,225															
X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	140		140															
X5538100	STORM SEWERS TO BE CLEANED 21"	FOOT	346		346															
X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	690		690															
* X5610012	CAP EXISTING WATER MAIN	EACH	3																3	
* X5610706	WATER MAIN REMOVAL, 6"	FOOT	8																8	
* X5610708	WATER MAIN REMOVAL, 8"	FOOT	151																151	
* X5610710	WATER MAIN REMOVAL, 10"	FOOT	3,847	3,179															668	
* X5610712	WATER MAIN REMOVAL, 12"	FOOT	1,446																1,446	
* X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	4																4	
* X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	5																5	
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2																
X6020293	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1	1																
X6022402	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL	EACH	20	16	4															
X6022712	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1		1															
X6023210	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE, SPECIAL	EACH	1	1																
X6023224	INLETS, TYPE A, TYPE 24 FRAME AND GRATE, SPECIAL	EACH	14	14																
X6023240	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE, SPECIAL	EACH	2		2															
X6023242	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE, SPECIAL	EACH	14	14																
X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	1		1															
X6023680	INLETS, TYPE A, TYPE 11 FRAME AND GRATE, SPECIAL	EACH	3	3																
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	21																21	
X6026622	VALVE VAULTS TO BE REMOVED	EACH	15	6															9	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	3																3	
X6060300	CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)	SQ FT	26,949	26,949																

\* SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
FILENAME = D:\N\N\N\shc-004.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / in.	CHECKED - RCB	REVISED -
PLOT DATE = 5/4/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 14 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E53	

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALGONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALGONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA) 0004	100% LA 0004	100% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	90% HSIP 10% LA 0021	100% LA 0021	80% STR 20% LA 0028	80% STR 20% LA 0044	80% CMAQ 20% LA 0043
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1																
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	12,600	12,600																
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	267,971	267,971																
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,926	1,926																
X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	3,646	3,646																
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	6,305	6,046	259															
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	32,960	30,110	2,850															
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	31,864	30,964	900															
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	4,558	4,558																
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	11,172	11,002	170															
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	2,188	2,073	115															
X8210040	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	75		75															
X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	26		26															
X8211125	LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL	EACH	188		188															
X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1		1															
X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	14	2	12															
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	60		60															
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	8			1	1	1		1	1	1	2							
X8570231	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1						1											
X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1										1							
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	9			1	1	1	1	1	1	1	2							
X8710200	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM36F	FOOT	19,600										19,600							
X8760055	PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	8				2	2		3		1								
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	48			8	8	6	8	6	8	4								
X8950077	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	3		3															
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	19,500										19,500							
XX003822	STORM SEWER REMOVAL, SPECIAL	FOOT	613	613																
XX005963	ANTI-GRAFFITI COATING	SQ FT	38,822	6,702	121													31,999		
XX006852	EXPLORATION TRENCH (SPECIAL)	CU YD	250	250																
XX008003	FORM LINER TEXTURED SURFACE, SPECIAL	SQ FT	2,540	84														2,456		
XX008287	BOARDWALK STRUCTURE	SQ FT	3,150	3,150																

• SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042.

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PLDT DATE = 5/4/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 15 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	19
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS											MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALGONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALGONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION					
				CMQAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA)	100% LA	100% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	80% CMAQ 20% LA	90% HSIP 10% LA	100% LA	80% STR 20% LA				
Z0007430	TEMPORARY SIDEWALK	SO FT	1,762	1,762																	
Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SO YD	1,873	1,873																	
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1																	
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	7		7																
Z0022800	FENCE REMOVAL	FOOT	276	276																	
Z0024475	TUBULAR MARKER	EACH	108	108																	
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	1,000	1,000																	
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	12			12															
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	22			22															
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1										1								
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	6				1	1	1	1	1	1									
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1,122	347													775				
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	1,814																1,814		
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	1,329																1,329		
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	363																363		
Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	172																172		
Z0056630	STORM SEWER (WATER MAIN REQUIREMENTS) 60 INCH	FOOT	128																128		
Z0062456	TEMPORARY PAVEMENT	SO YD	57,461	57,461																	
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	2,015	2,015																	
Z0064600	SELECTIVE CLEARING	ACRE	5.00	4.75												0.25					
Z0065100	SETTLEMENT PLATFORMS	EACH	5														5				
Z0073345	SLEEPER SLAB	FOOT	1,864	1,864																	
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4				1		1		1	1									
X Z0076600	TRAINEES	HOUR	3,000	3,000																	
X Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	3,000	3,000																	
X6023209	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE, SPECIAL	EACH	1	1																	
X6023223	INLETS, TYPE A, TYPE 23 FRAME AND GRATE, SPECIAL	EACH	1		1																
XX009235	BASE STABILIZATION, 10"	SO YD	8,314		8,314																
* XX009236	DATA AGGREGATOR	EACH	3										3								
XX009237	DYNAMIC PILE MONITORING	EACH	7														7				

\* SPECIALTY ITEM  
X CONSTRUCTION TYPE CODE 0042

USER NAME = mrc01ss	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN\sh-t-90q.dgn	DRAWN - MRC	REVISED -
PLOT SCALE = N.T.S. / in.	CHECKED - RCB	REVISED -
PLOT DATE = 5/4/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 16 OF 17 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	20
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	



CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	ROADWAY			TRAFFIC SIGNALS													
				FEDERAL ELIGIBLE	LOCAL	LIGHTING	RANDALL AT HARNISH RD	RANDALL AT BUNKER HILL / HUNTINGTON DR	RANDALL AT STONEGATE RD	RANDALL AT ALCONQUIN RD	RANDALL AT COMMERCIAL DRIVE (COSTCO/AMC)	RANDALL AT POLARIS DR / ACORN LN	ALCONQUIN AT CRYSTAL LAKE RD	INTERCONNECT	FLASHING YELLOW ARROWS / HIGH VISIBILITY BACK PLATES	EMERGENCY VEHICLE PREEMPTION	MULTI-USE PATH	RETAINING WALL	SEWER	WATER / SEWER
				CMAQ (80% CMAQ, 20% LA) STP (80%, STR 20% LA) 0004	100% LA 0004	100% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	80% CMAQ 20% LA 0021	90% HSIP 10% LA 0021	100% LA 0021	80% STR 20% LA 0028	80% STR 20% LA 0044	80% CMAQ 20% LA 0043
* <del>X</del> 009238	INSERTION VALVE, 12"	EACH	1																1	

- SPECIALTY ITEM
- X CONSTRUCTION TYPE CODE 0042

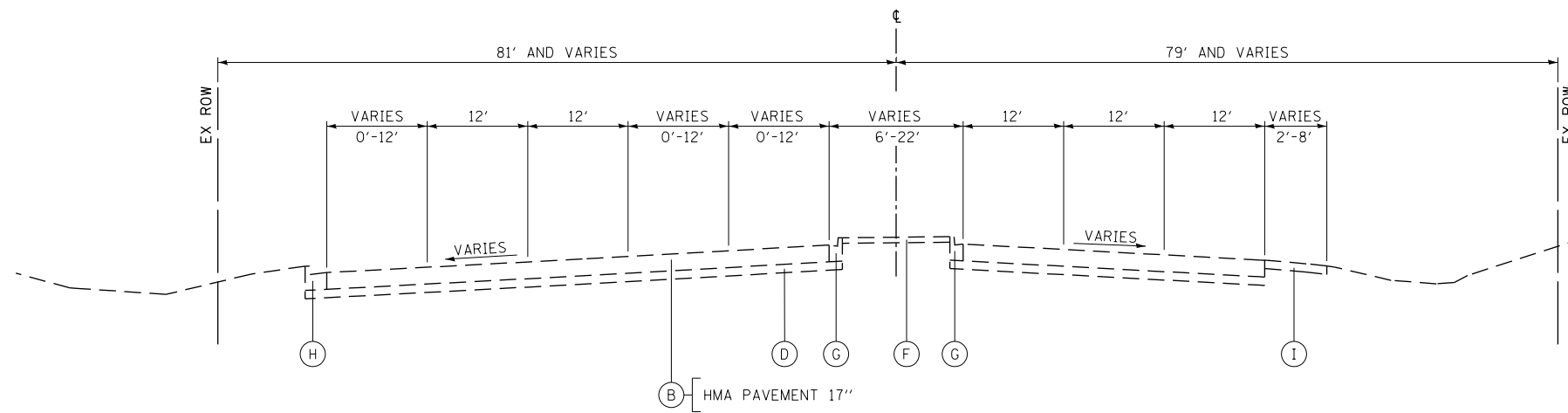
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PLOT SCALE = N.T.S. / 1in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/26/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

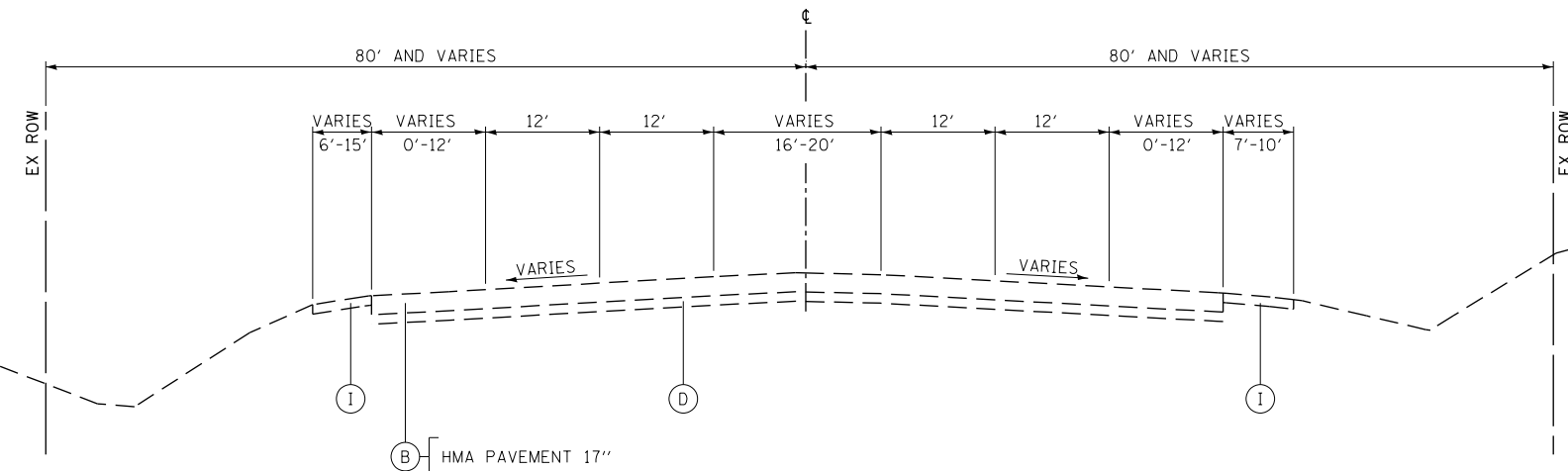
**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET 17 OF 17 SHEETS

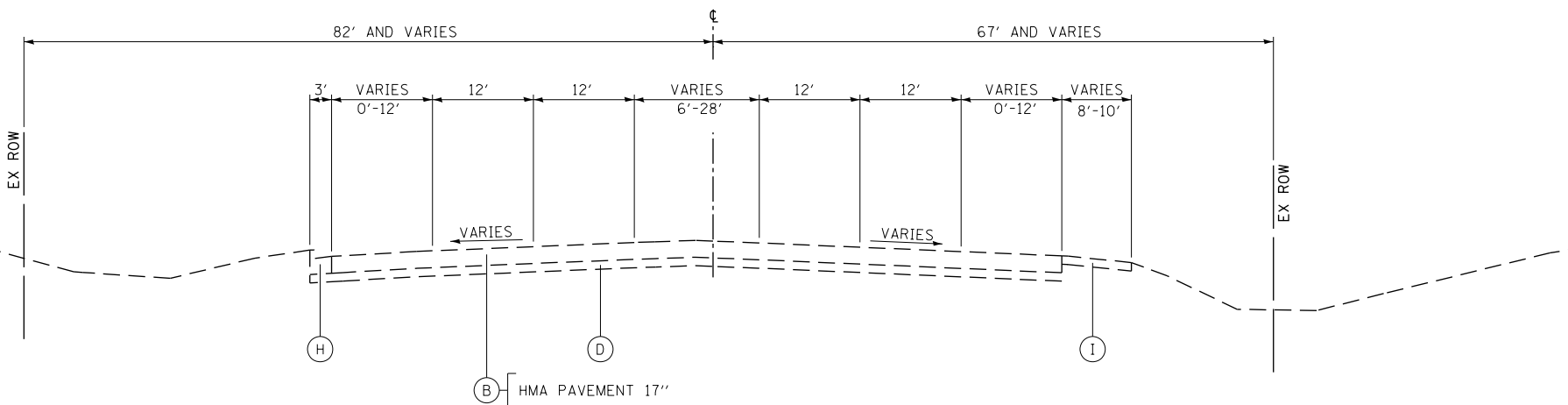
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E53	



EXISTING TYPICAL SECTION  
RANDALL ROAD  
STATION 2139+35 TO STATION 2144+83



EXISTING TYPICAL SECTION  
RANDALL ROAD  
STATION 2144+83 TO STATION 2164+26



EXISTING TYPICAL SECTION  
RANDALL ROAD  
STATION 2164+26 TO STATION 2182+30  
STATION 2219+25 TO STATION 2221+00

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (I) HMA SHOULDER (8" AND VARIES)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (20) CONCRETE MEDIAN, TY SB-6.24
- (21) CONCRETE MEDIAN, TY SB-6.12
- (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
- (23) CLASS D PATCHES, TYPE IV
- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

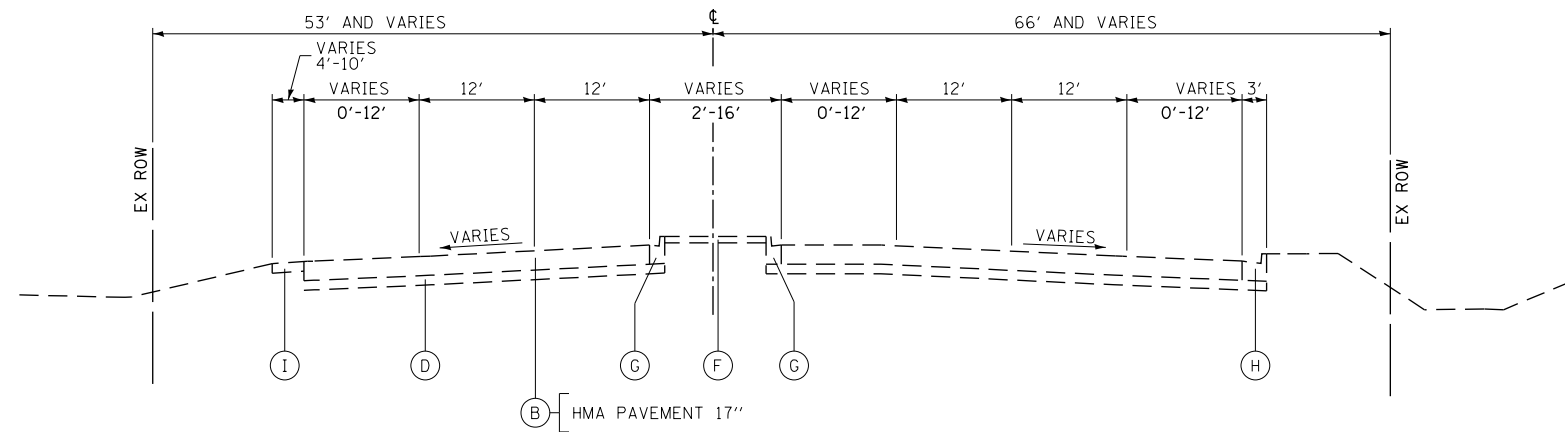
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

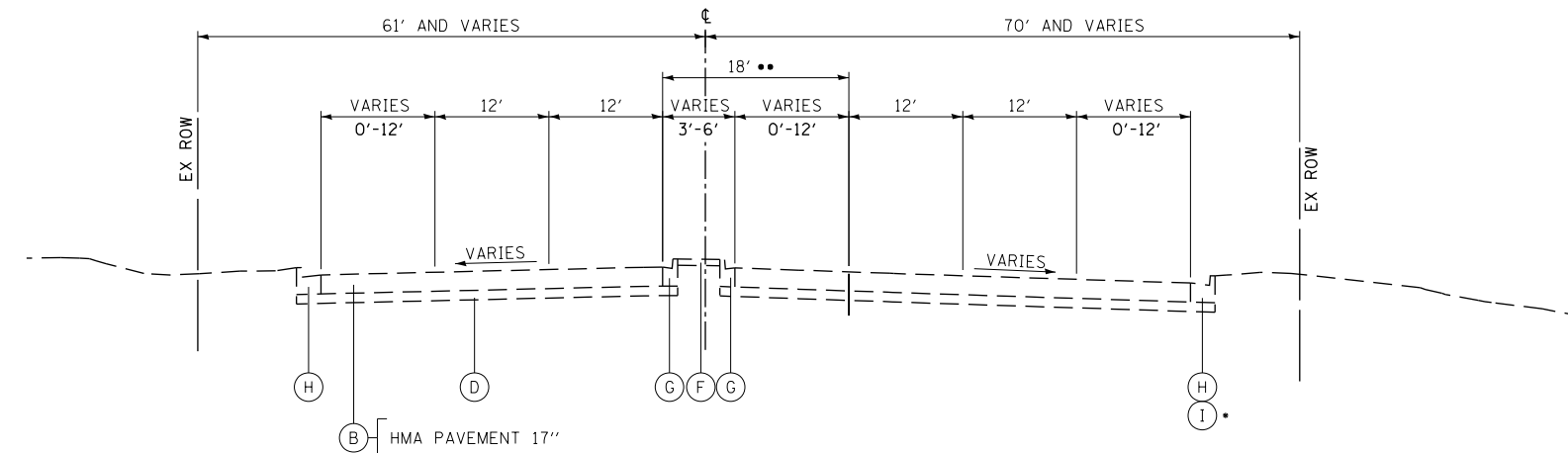
EXISTING TYPICAL SECTIONS  
RANDALL ROAD

SCALE: NONE SHEET 1 OF 19 SHEETS STA TO STA

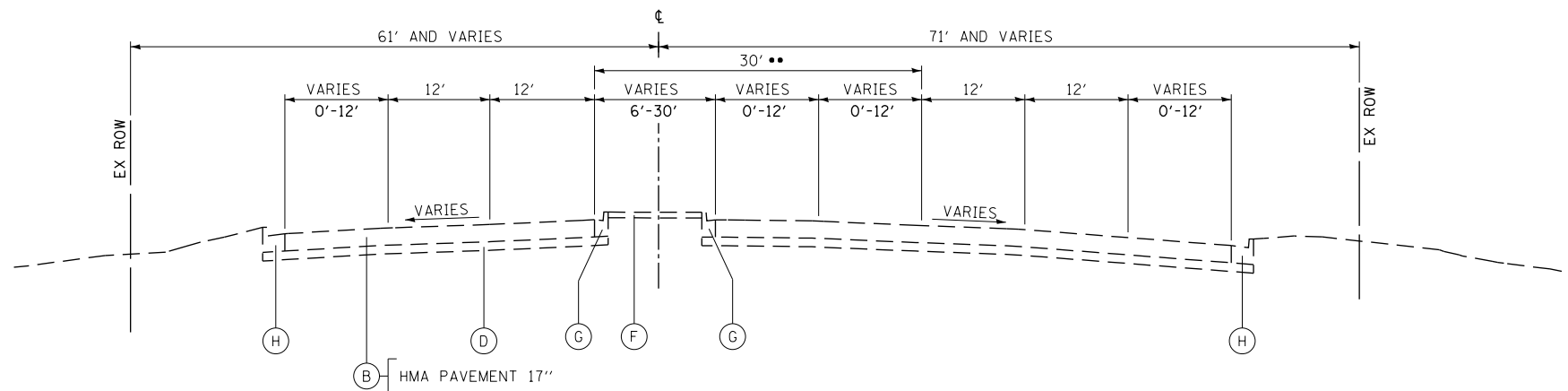
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	22
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION  
RANDALL ROAD  
STATION 2182+30 TO STATION 2189+51



EXISTING TYPICAL SECTION  
RANDALL ROAD  
NORTHBOUND  
STATION 2189+51 TO STATION 2191+58  
STATION 2200+19 TO STATION 2204+00  
SOUTHBOUND  
STATION 2191+58 TO STATION 2195+92  
STATION 2204+00 TO STATION 2208+65  
••TYPICAL SHOWS ONLY LEFT TURN LANE  
IN THE NORTHBOUND DIRECTION.



EXISTING TYPICAL SECTION  
RANDALL ROAD  
NORTHBOUND  
STATION 2208+65 TO STATION 2213+46  
SOUTHBOUND  
STATION 2213+46 TO STATION 2228+50  
••TYPICAL SHOWS ONLY DUAL LEFT TURN LANES  
IN THE NORTHBOUND DIRECTION.

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (I) HMA SHOULDER (8" AND VARIES)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
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- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

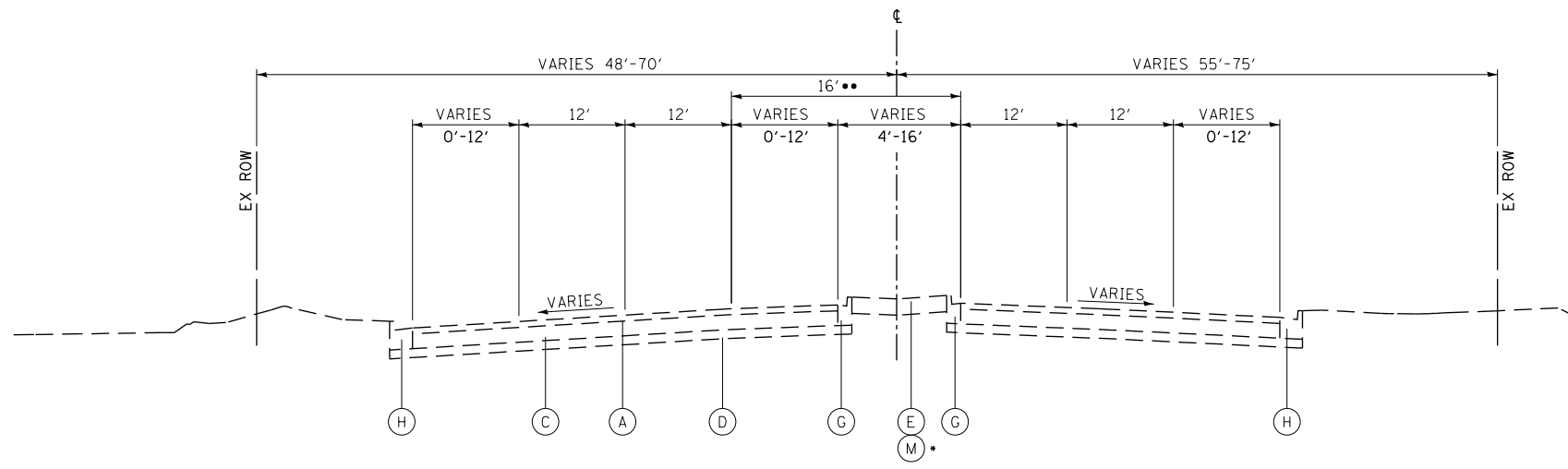
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS  
RANDALL ROAD

SCALE: NONE SHEET 2 OF 19 SHEETS STA TO STA

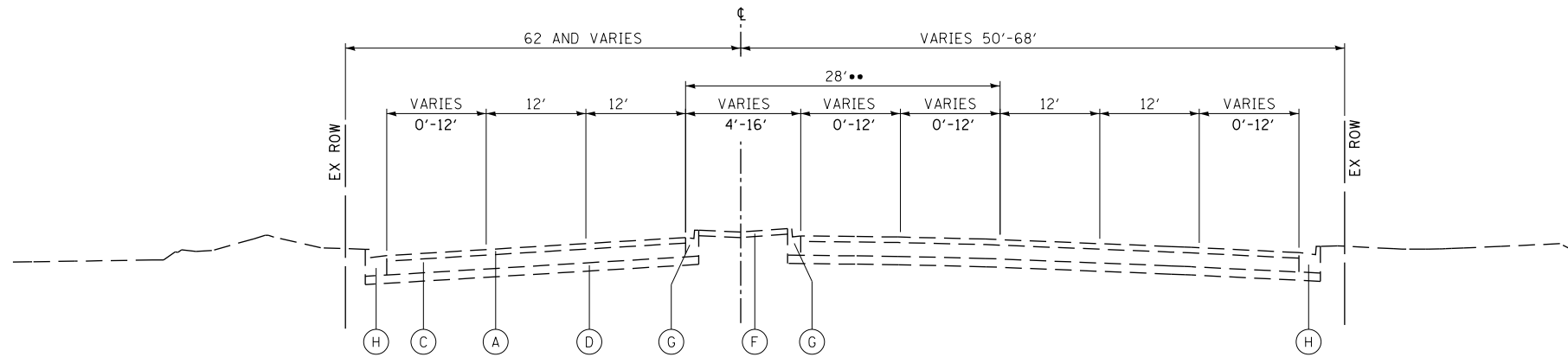
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336	06-00329-01-PW	MCHENRY	1751	23
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION**

ALGONQUIN ROAD  
 • STATION 1331+80 TO STATION 1333+96  
 • STATION 1333+96 TO STATION 1340+32  
 • STATION 1340+32 TO STATION 1343+81

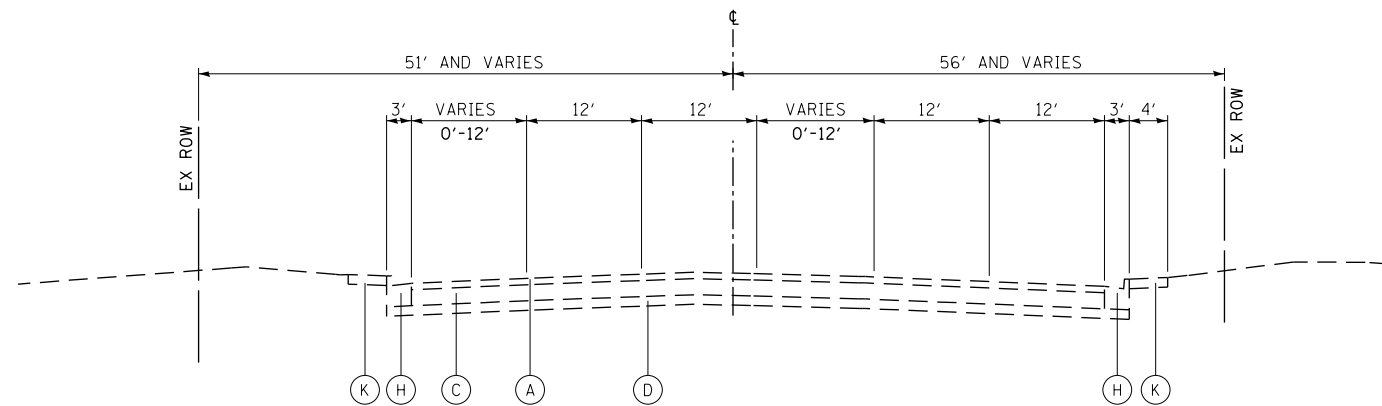
•• TYPICAL SHOWS ONLY LEFT TURN LANE IN THE WESTBOUND DIRECTION.  
 AN EASTBOUND LEFT TURN LANE IS PRESENT FROM  
 STATION 1338+38 TO STATION 1341+91



**EXISTING TYPICAL SECTION**

ALGONQUIN ROAD  
 EASTBOUND  
 STATION 1343+81 TO STATION 1349+00  
 WESTBOUND  
 STATION 1349+00 TO STATION 1354+30

•• TYPICAL SHOWS ONLY DUAL LEFT TURN LANES  
 IN THE EASTBOUND DIRECTION.



**EXISTING TYPICAL SECTION**

ALGONQUIN ROAD  
 STATION 1354+30 TO STATION 1368+80

**EXISTING**

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (I) HMA SHOULDER (8" AND VARIES)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
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- (21) CONCRETE MEDIAN, TY SB-6.12
- (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
- (23) CLASS D PATCHES, TYPE IV
- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

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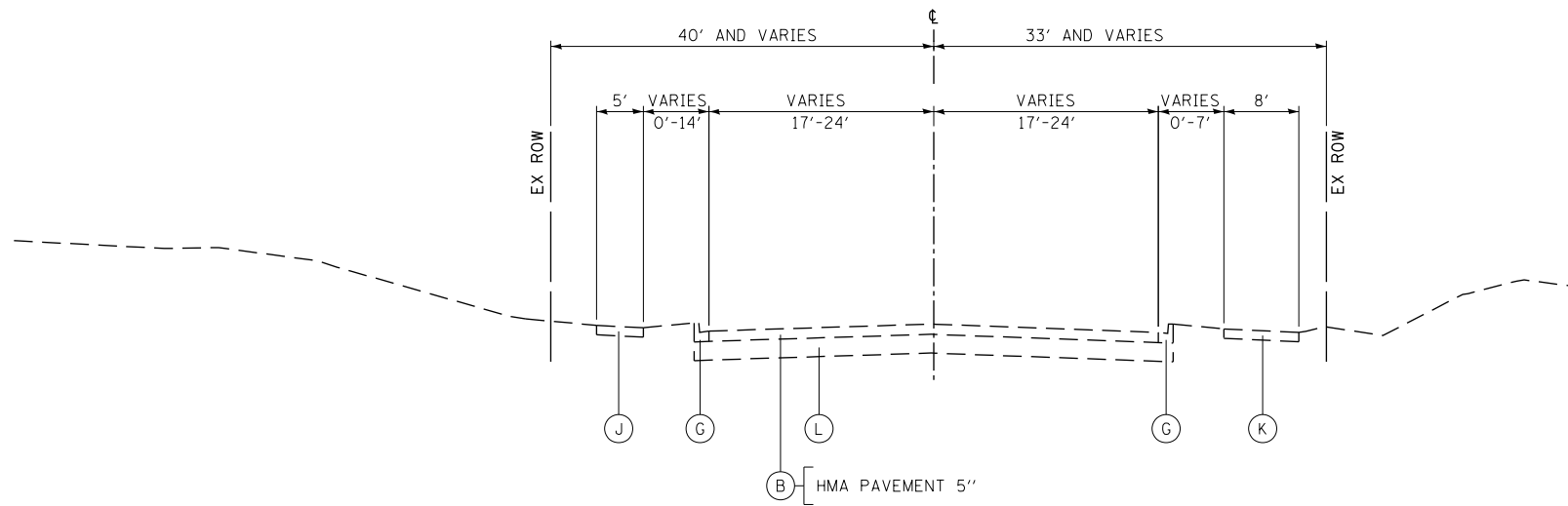
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS  
 ALGONQUIN ROAD**

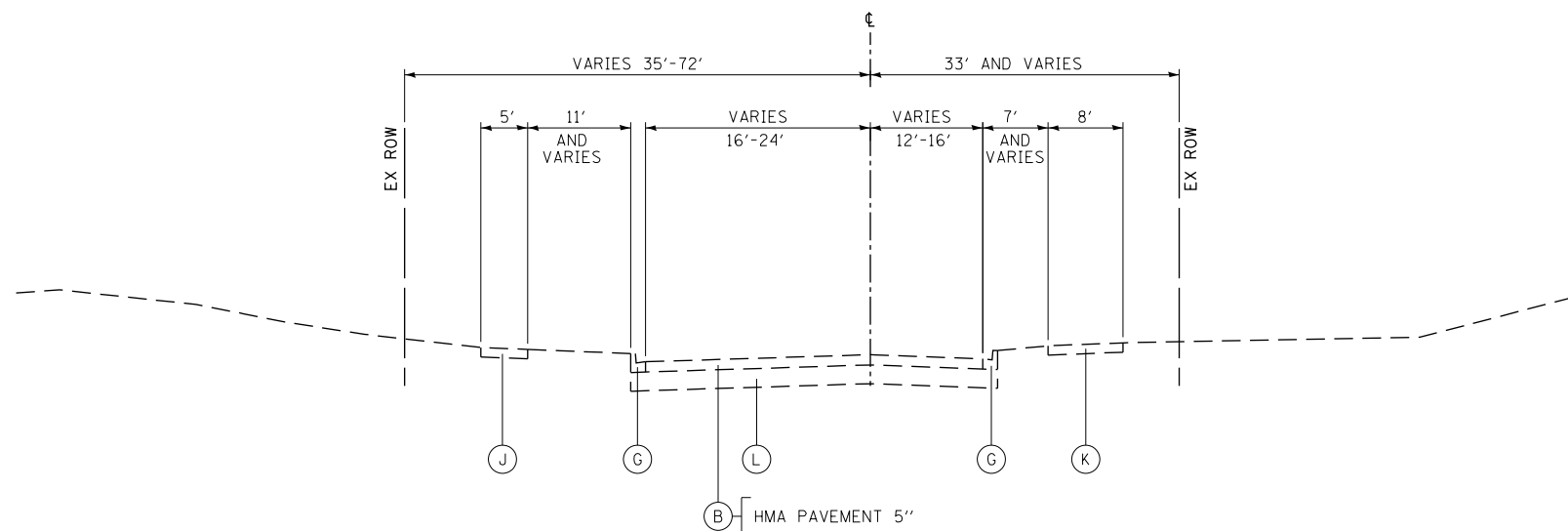
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FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

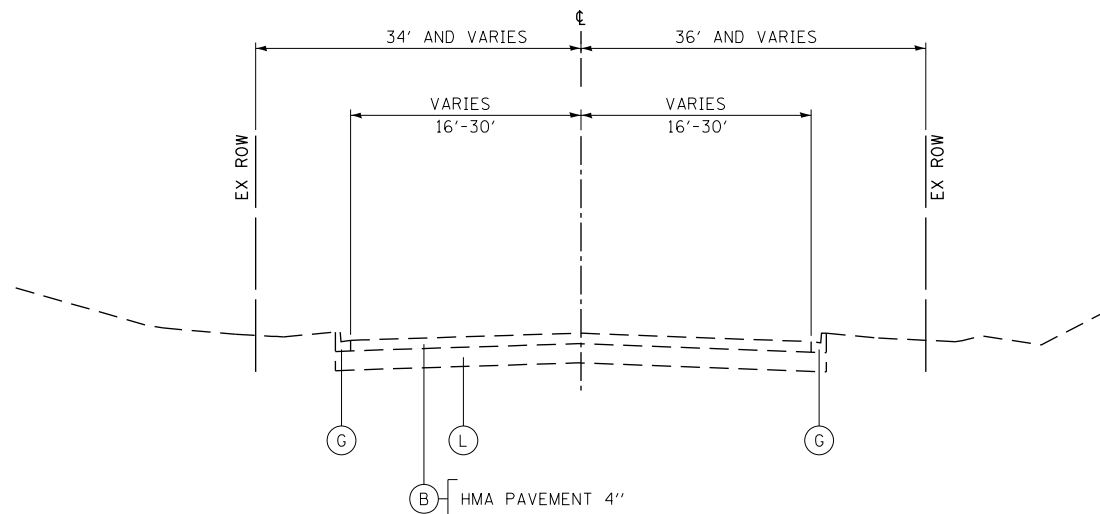




EXISTING TYPICAL SECTION  
BUNKER HILL DR  
STATION 9+93 TO STATION 16+39



EXISTING TYPICAL SECTION  
HUNTINGTON DR  
STATION 18+54 TO STATION 25+14



EXISTING TYPICAL SECTION  
STONEGATE RD  
STATION 93+10 TO STATION 102+75  
STATION 106+25 TO STATION 117+05

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
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- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
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- (25) AGGREGATE BASE COURSE, TYPE B 4"
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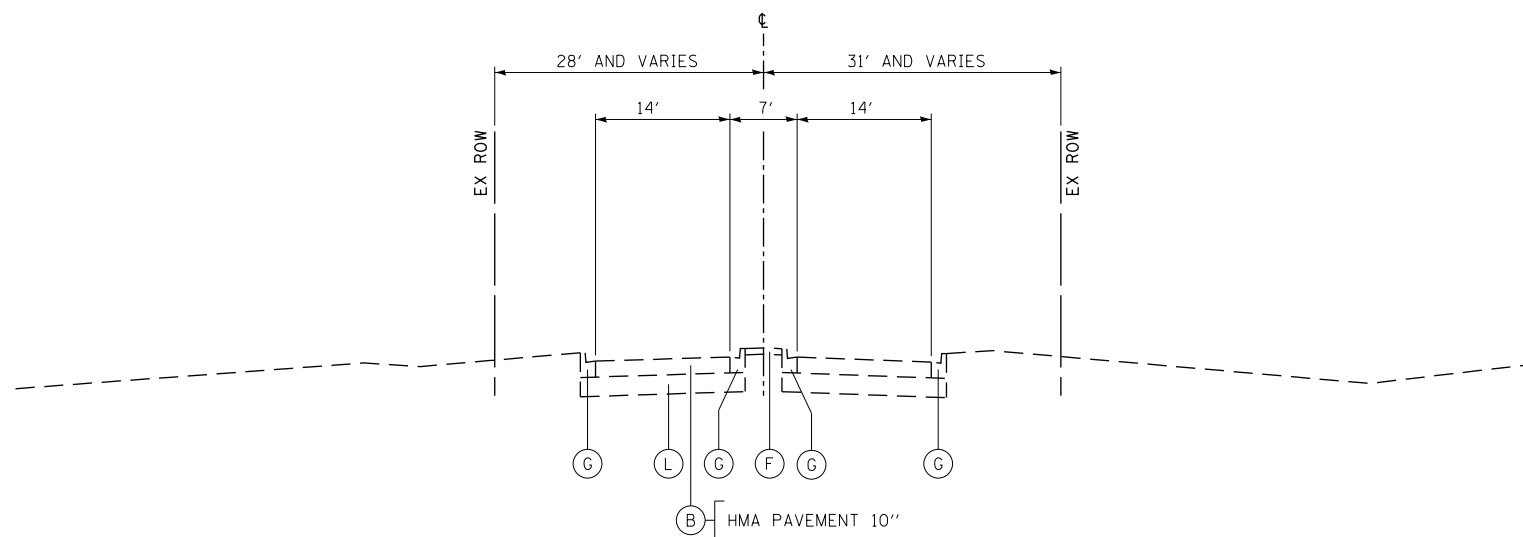
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

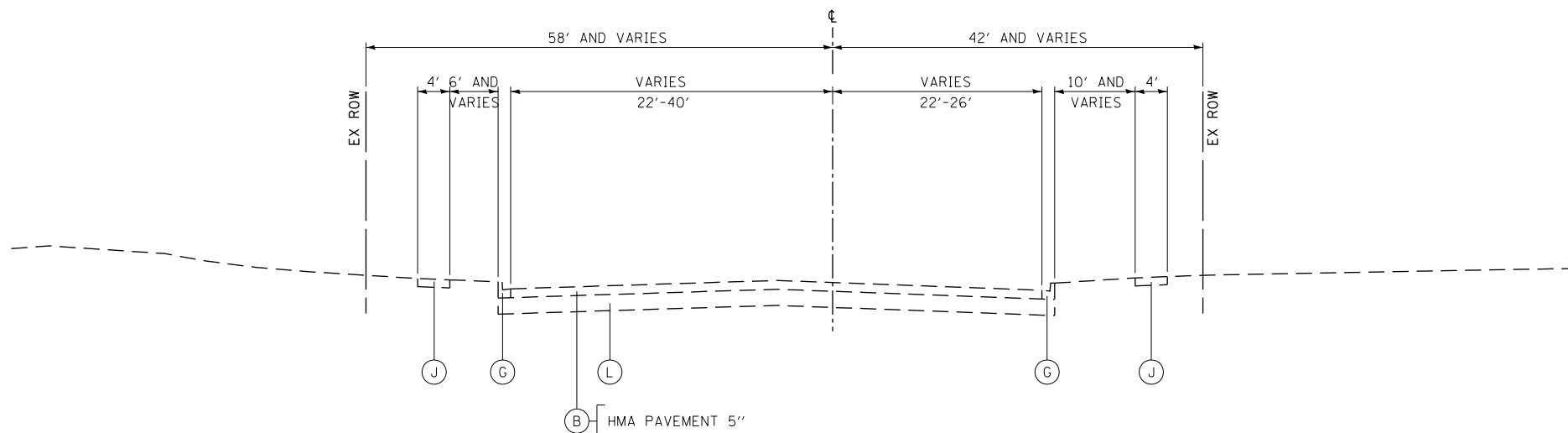
EXISTING TYPICAL SECTIONS  
SIDE ROADS

SCALE: NONE SHEET 4 OF 19 SHEETS STA TO STA

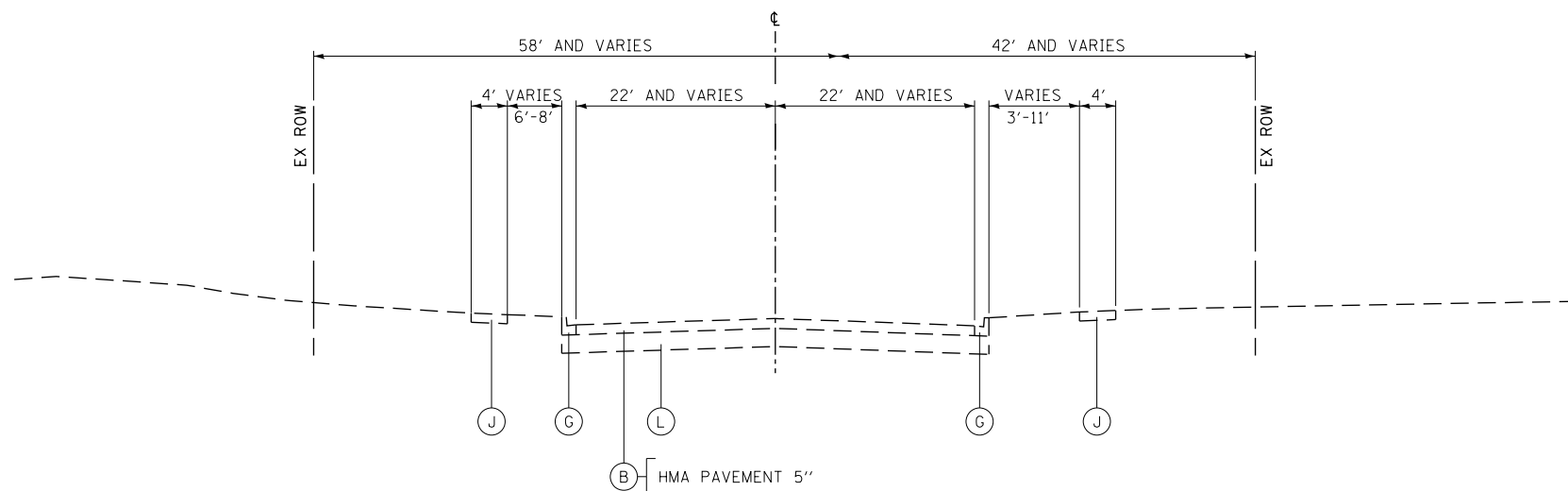
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336	06-00329-01-PW	MCHENRY	1751	25
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION  
COMMERCIAL DR (COSTCO)  
STATION 200+13 TO STATION 202+27



EXISTING TYPICAL SECTION  
POLARIS DR  
STATION 30+00 TO STATION 34+18



EXISTING TYPICAL SECTION  
ACORN LN  
STATION 36+27 TO STATION 40+40

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
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- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
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- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
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- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

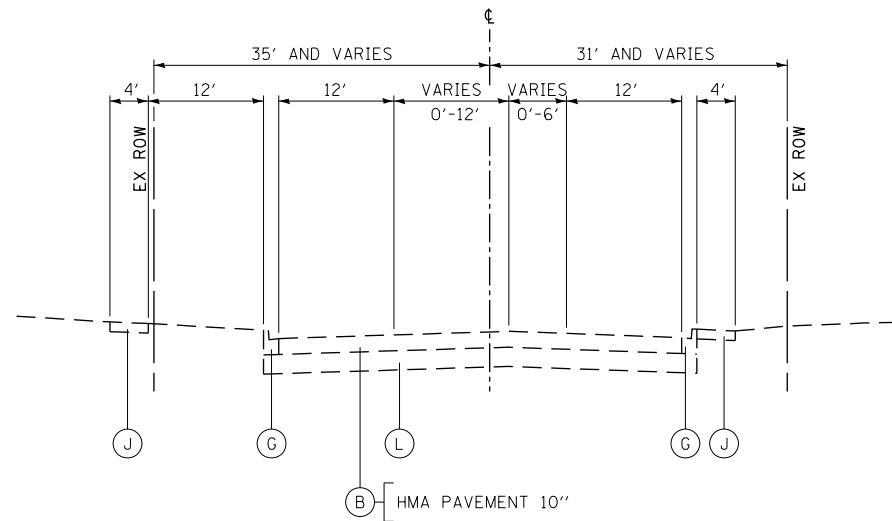
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

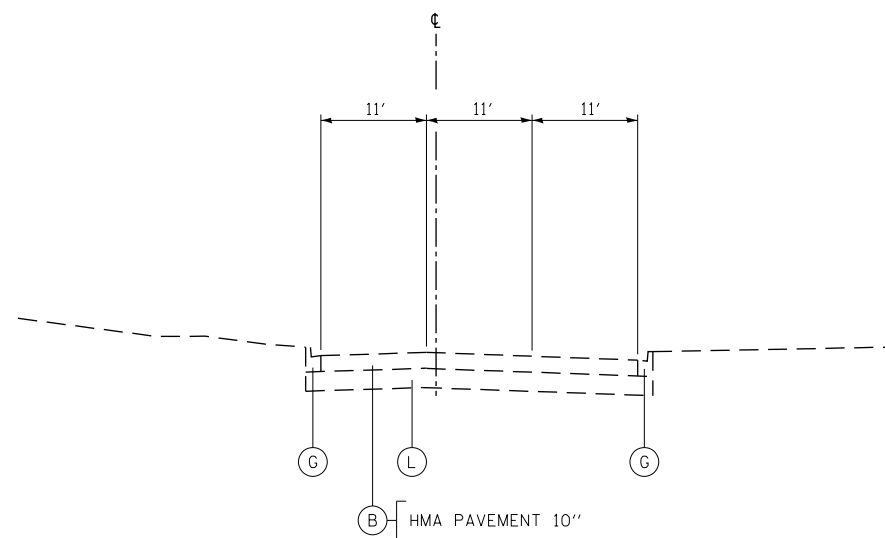
EXISTING TYPICAL SECTIONS  
SIDE ROADS

SCALE: NONE SHEET 5 OF 19 SHEETS STA TO STA

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	26
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION  
CRYSTAL LAKE RD  
STATION 600+94 TO STATION 606+31



EXISTING TYPICAL SECTION  
CRYSTAL LAKE RD  
STATION 408+99 TO STATION 410+94

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
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- (L) AGGREGATE SUBGRADE (12" AND VARIES)
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PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08 (INCLUDED IN THE COST OF PCC PAVEMENT)
- (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (20) CONCRETE MEDIAN, TY SB-6.24
- (21) CONCRETE MEDIAN, TY SB-6.12
- (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
- (23) CLASS D PATCHES, TYPE IV
- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

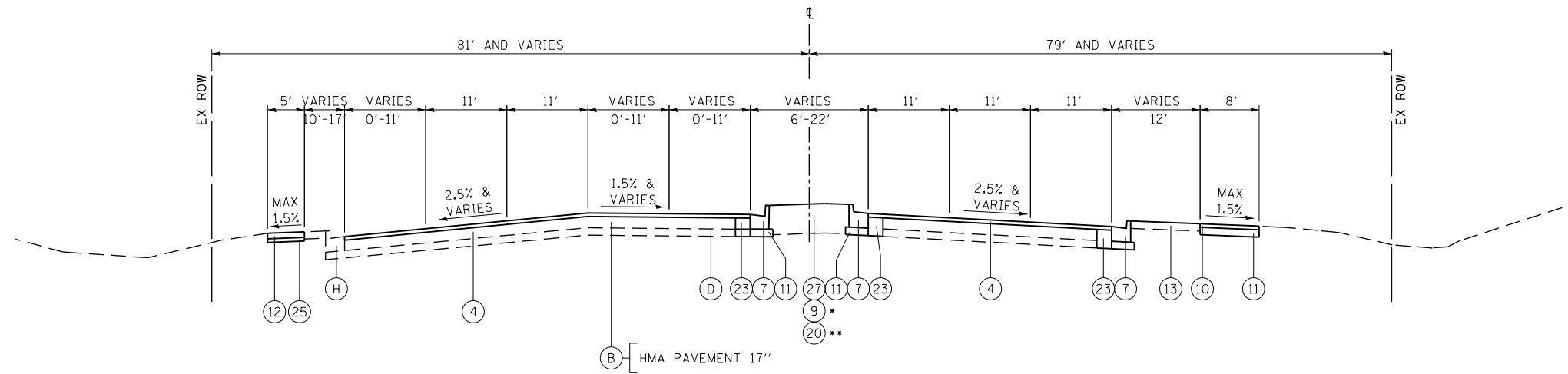
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

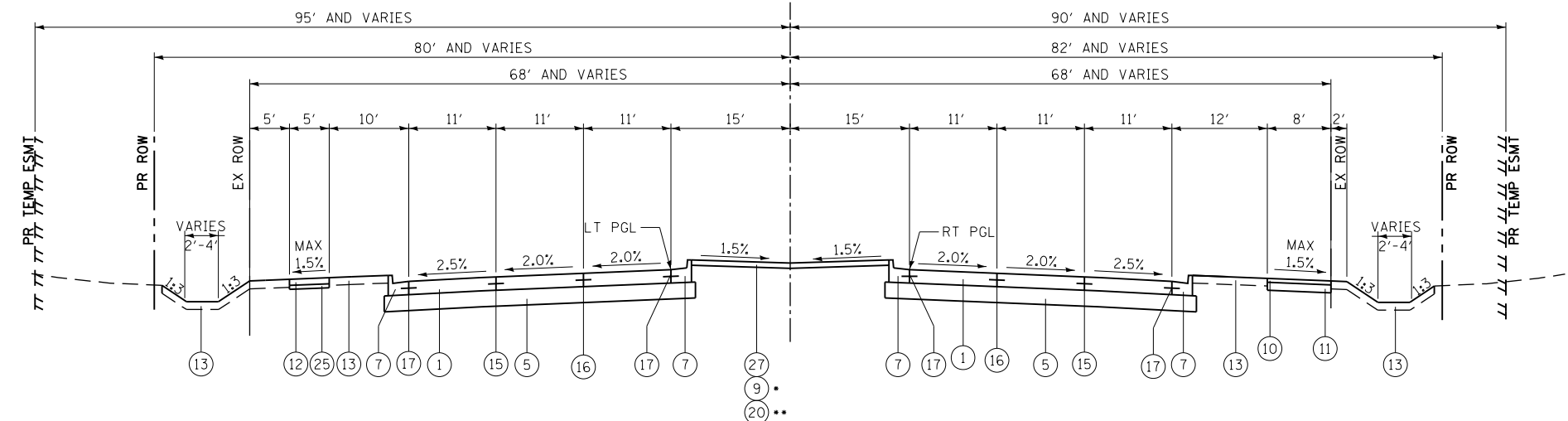
EXISTING TYPICAL SECTIONS  
SIDE ROADS

SCALE: NONE SHEET 6 OF 19 SHEETS STA TO STA

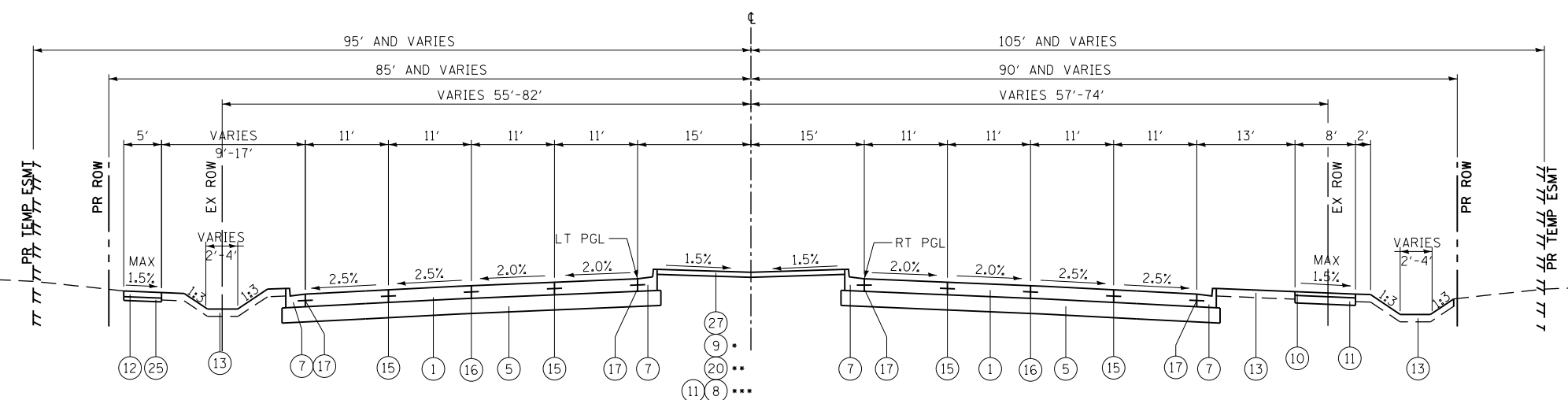
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	27
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION**  
 RANDALL ROAD  
 • STATION 2139+35 TO STATION 2141+96  
 • STATION 2141+96 TO STATION 2142+73  
 • STATION 2142+73 TO STATION 2144+00



**PROPOSED TYPICAL SECTION**  
 RANDALL ROAD  
 • STATION 2158+74 TO STATION 2159+60  
 • STATION 2159+60 TO STATION 2164+17  
 • STATION 2164+17 TO STATION 2170+20  
 • STATION 2170+20 TO STATION 2174+90  
 • STATION 2174+90 TO STATION 2175+55  
 • STATION 2175+55 TO STATION 2181+07  
 RANDALL ROAD  
 • STATION 2210+52 TO STATION 2217+61  
 • STATION 2217+61 TO STATION 2218+41  
 • STATION 2218+41 TO STATION 2221+00  
 STATION 2144+00 TO STATION 2158+74, SEE SHEET 30 FOR LANDSCAPED MEDIAN DETAILS



**PROPOSED TYPICAL SECTION**  
 RANDALL ROAD  
 • STATION 2164+17 TO STATION 2169+55  
 • STATION 2169+55 TO STATION 2170+20  
 • STATION 2174+90 TO STATION 2175+55  
 • STATION 2175+55 TO STATION 2181+07  
 RANDALL ROAD  
 • STATION 2181+07 TO STATION 2181+71  
 • STATION 2184+68 TO STATION 2185+33  
 • STATION 2185+33 TO STATION 2196+78  
 • STATION 2196+78 TO STATION 2197+42  
 RANDALL ROAD  
 • STATION 2200+33 TO STATION 2200+98  
 • STATION 2200+98 TO STATION 2206+53  
 • STATION 2206+53 TO STATION 2207+18  
 • STATION 2209+88 TO STATION 2210+52  
 RANDALL ROAD  
 • STATION 2181+71 TO STATION 2184+68  
 • STATION 2197+42 TO STATION 2200+33  
 • STATION 2207+18 TO STATION 2209+88  
 STATION 2170+20 TO STATION 2174+90, SEE SHEET 30 FOR LANDSCAPED MEDIAN DETAILS

**CROWNED MEDIAN RANGES**  
 RANDALL ROAD  
 • STATION 2181+71 TO STATION 2184+68  
 • STATION 2197+42 TO STATION 2200+33  
 • STATION 2207+18 TO STATION 2209+88

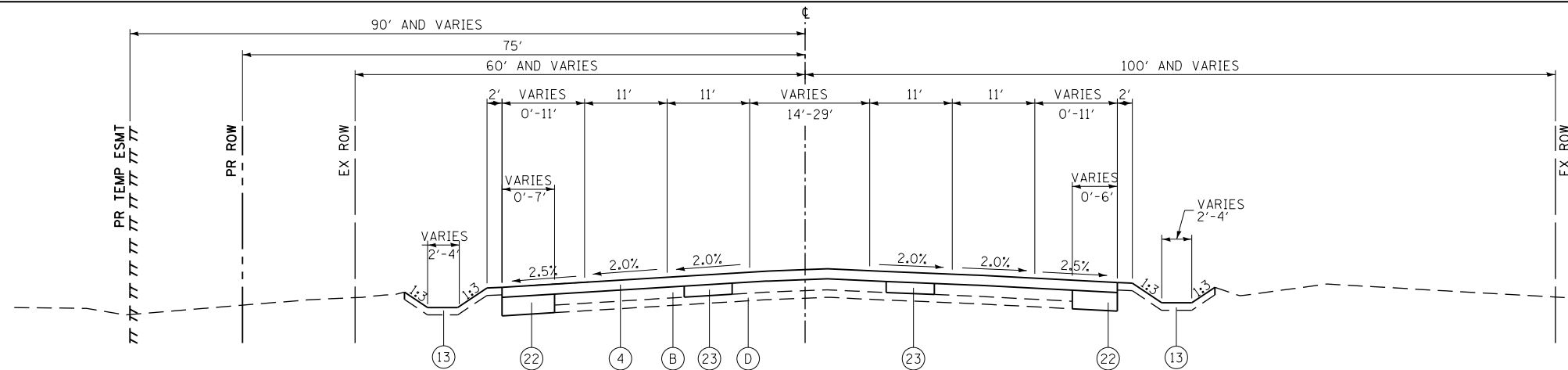
- EXISTING**
- (A) HMA SURFACE COURSE
  - (B) HMA PAVEMENT (VARIES 5"-17")
  - (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
  - (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
  - (E) GRASS MEDIAN
  - (F) CONCRETE MEDIAN SURFACE
  - (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
  - (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (I) HMA SHOULDER (8" AND VARIES)
  - (J) PORTLAND CEMENT CONCRETE SIDEWALK
  - (K) HMA SIDEWALK
  - (L) AGGREGATE SUBGRADE (12" AND VARIES)
  - (M) CONCRETE MEDIAN, TY SB-6.12
- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
  - (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
  - (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
  - (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
  - (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
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  - (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (8) CONCRETE MEDIAN SURFACE, 4 INCH
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  - (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
  - (11) AGGREGATE BASE COURSE, TYPE B 6"
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  - (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
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  - (21) CONCRETE MEDIAN, TY SB-6.12
  - (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
  - (23) CLASS D PATCHES, TYPE IV
  - (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
  - (25) AGGREGATE BASE COURSE, TYPE B 4"
  - (26) AGGREGATE SUBGRADE IMPROVEMENT
  - (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>			
<b>RANDALL ROAD</b>			
SCALE: NONE	SHEET 7	OF 19 SHEETS	STA TO STA

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	28
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION  
RANDALL ROAD  
STATION 2221+00 TO STATION 2228+50

STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 55,753	SU = 2,509	MU = 2,938
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 8%	S = 37%	M = 37%
TRAFFIC FACTOR:	ACTUAL TF = 17.82	RIGID
	MINIMUM TF = NO MIN.	
JRC PAVEMENT	EDGE SUPPORT =	TIED
SUBGRADE SUPPORT RATING:		
SSR = POOR (Sta. 2144+00 to 2221+00)		RANDALL ROAD

STRUCTURAL PAVEMENT DESIGN

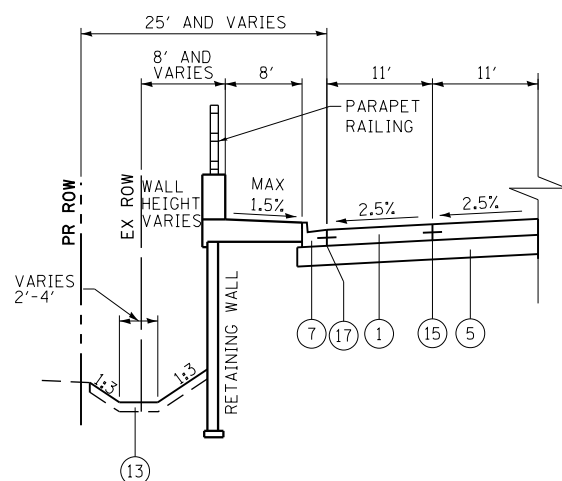
STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 55,753	SU = 2,509	MU = 2,938
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 8%	S = 37%	M = 37%
TRAFFIC FACTOR:	ACTUAL TF = 12.96	RIGID
	MINIMUM TF = NO MIN.	
PG GRADE:	BINDER = 64-22	SURFACE = 64-22
SUBGRADE SUPPORT RATING:		
SSR = POOR (Sta. 2139+43.66 to 2144+00)		RANDALL ROAD
SSR = POOR (Sta. 2221+00 to 2224+30)		RANDALL ROAD

AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

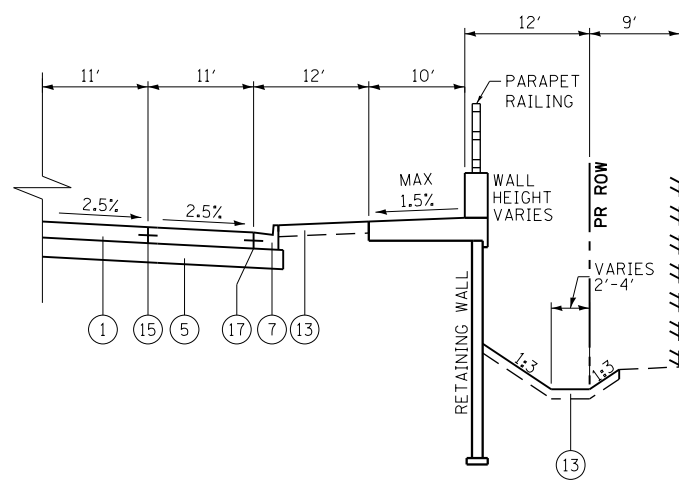
STATION RANGE	LOCATION	LENGTH	WIDTH	DEPTH	AGG SUBGRADE IMP VOLUME	GEOTECH FAB AREA
RANDALL ROAD						
2155+49 TO 2157+00	ROADWAY	151 FT	VARIES	1 FT	195 CY	1,712 SY
2158+49 TO 2159+94	ROADWAY	145 FT	VARIES	1 FT	149 CY	1,644 SY
2175+25 TO 2176+49	ROADWAY	124 FT	VARIES	0.5 FT	68 CY	1,736 SY
TOTALS					412 CY	5,092 SY

AGGREGATE SUBGRADE IMPROVEMENT

STATION RANGE	LOCATION	LENGTH	WIDTH	DEPTH	VOLUME
RANDALL ROAD					
2217+00 TO 2218+52	ROADWAY	152 FT	VARIES	1 FT	143 CY
TOTAL					143 CY



PROPOSED RETAINING WALL SOUTHBOUND  
RANDALL ROAD  
STATION 2145+91 TO STATION 2153+91



PROPOSED RETAINING WALL NORTHBOUND  
RANDALL ROAD  
STATION 2146+43 TO STATION 2156+91  
STATION 2204+52 TO STATION 2205+44

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
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- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
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- (21) CONCRETE MEDIAN, TY SB-6.12
- (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
- (23) CLASS D PATCHES, TYPE IV
- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS



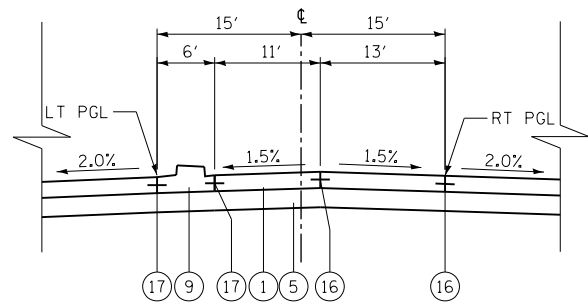
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS  
RANDALL ROAD

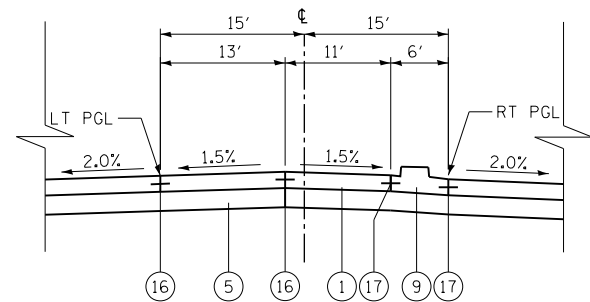
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FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



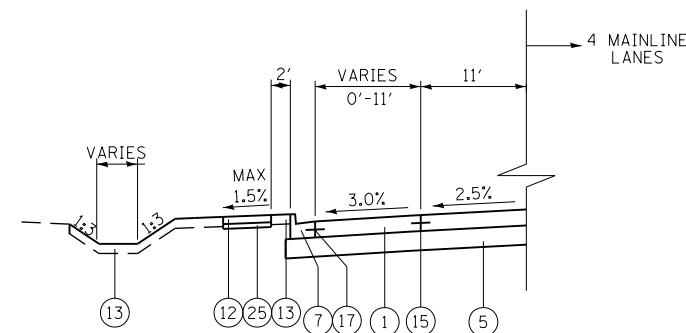
PROPOSED NORTHBOUND DUAL LEFT TURN LANE DETAIL

RANDALL ROAD  
 STATION 2155+60 TO STATION 2164+17  
 STATION 2172+55 TO STATION 2177+45  
 STATION 2182+33 TO STATION 2190+45  
 STATION 2197+98 TO STATION 2203+26  
 STATION 2207+52 TO STATION 2212+71



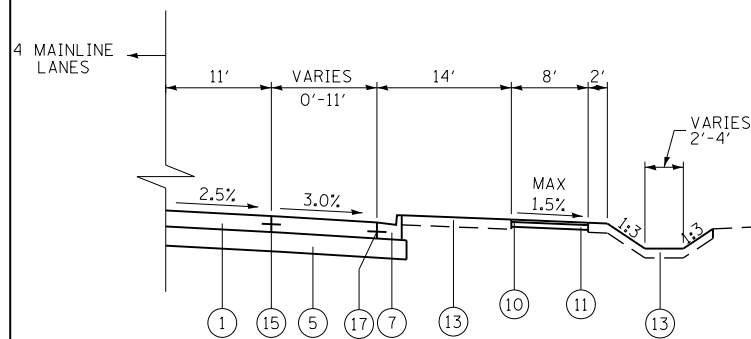
PROPOSED SOUTHBOUND DUAL LEFT TURN LANE DETAIL

RANDALL ROAD  
 STATION 2165+72 TO STATION 2172+55  
 STATION 2179+00 TO STATION 2184+07  
 STATION 2192+72 TO STATION 2199+78  
 STATION 2204+65 TO STATION 2209+53  
 STATION 2214+33 TO STATION 2221+13



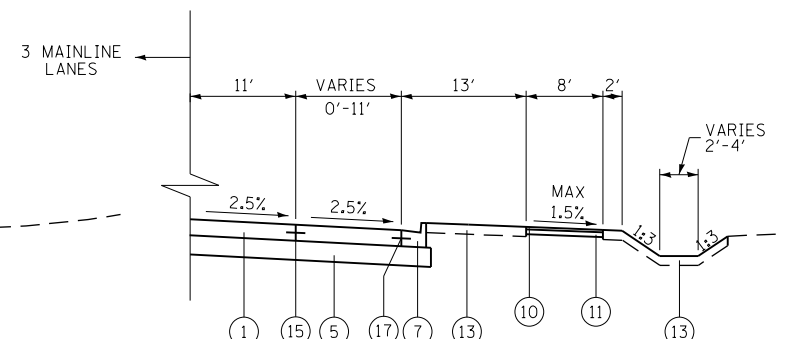
PROPOSED SOUTHBOUND RIGHT TURN LANE DETAIL-4 LANE SECTION

RANDALL ROAD  
 STATION 2192+70 TO STATION 2197+51



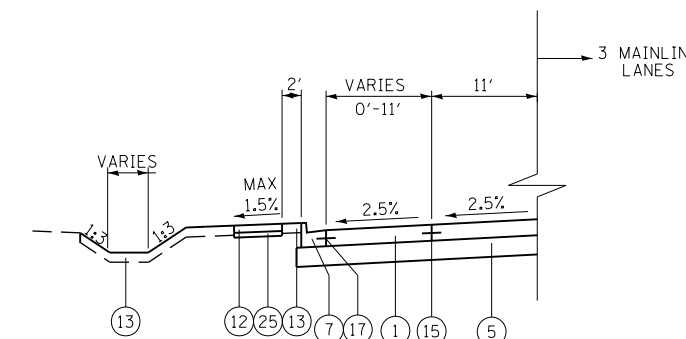
PROPOSED NORTHBOUND RIGHT TURN LANE DETAIL-4 LANE SECTION

RANDALL ROAD  
 STATION 2186+52 TO STATION 2190+46



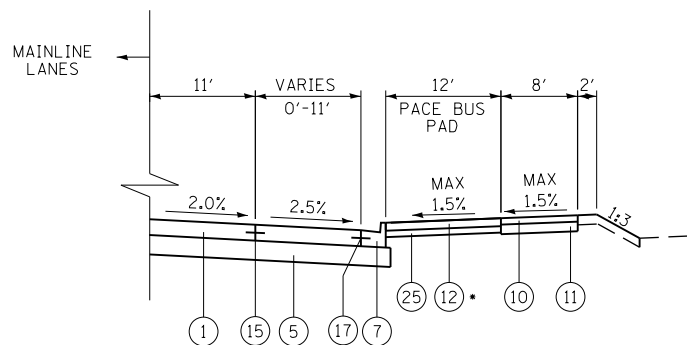
PROPOSED NORTHBOUND RIGHT TURN LANE DETAIL-3 LANE SECTION

RANDALL ROAD  
 STATION 2154+80 TO STATION 2164+08



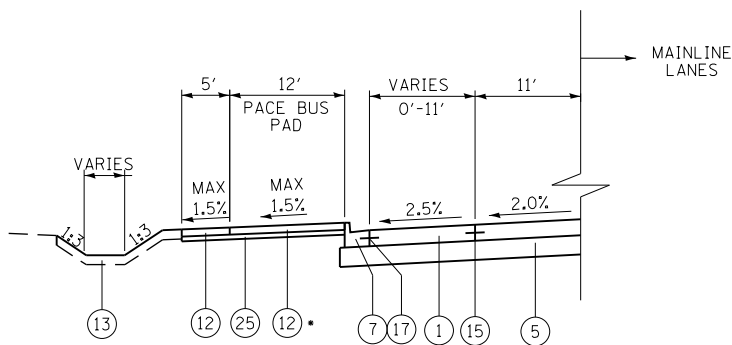
PROPOSED SOUTHBOUND RIGHT TURN LANE DETAIL-3 LANE SECTION

RANDALL ROAD  
 STATION 2214+36 TO STATION 2218+76



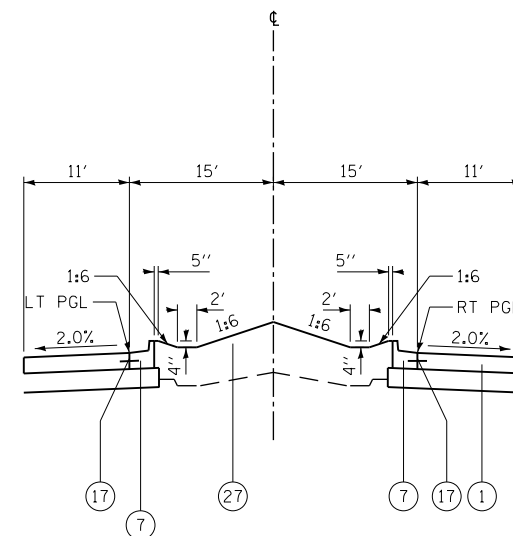
PROPOSED NORTHBOUND PACE BUS PAD

RANDALL ROAD  
 PARKWAY CROSS SLOPE TRANSITIONS FROM 2.00% TO 1.50% AT PACE BUS PAD



PROPOSED SOUTHBOUND PACE BUS PAD

RANDALL ROAD  
 PARKWAY CROSS SLOPE TRANSITIONS FROM 2.00% TO 1.50% AT PACE BUS PAD



PROPOSED LANDSCAPED MEDIAN

RANDALL ROAD  
 STATION 2144+00 TO STATION 2158+74  
 STATION 2170+20 TO STATION 2174+90

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
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- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
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- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
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- (K) HMA SIDEWALK
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- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
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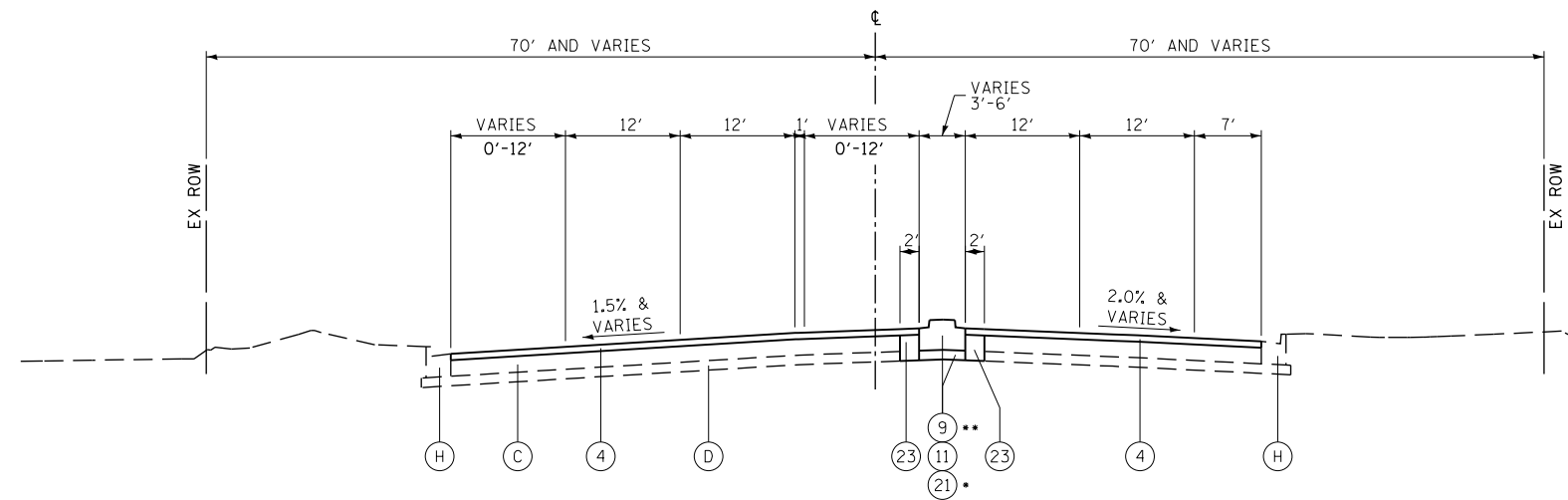
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

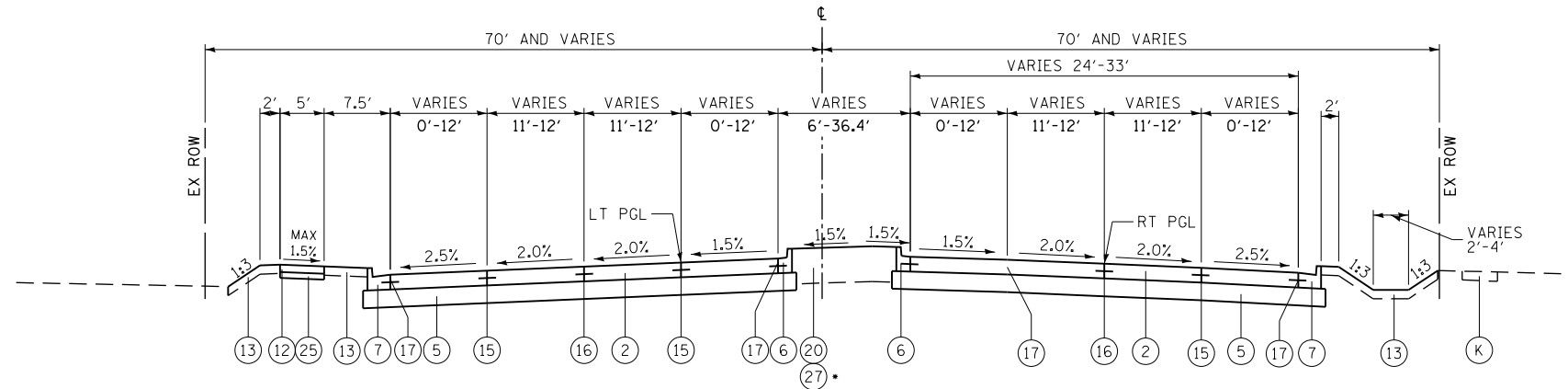
PROPOSED TYPICAL SECTIONS  
 RANDALL ROAD

SCALE: NONE SHEET 9 OF 19 SHEETS STA TO STA

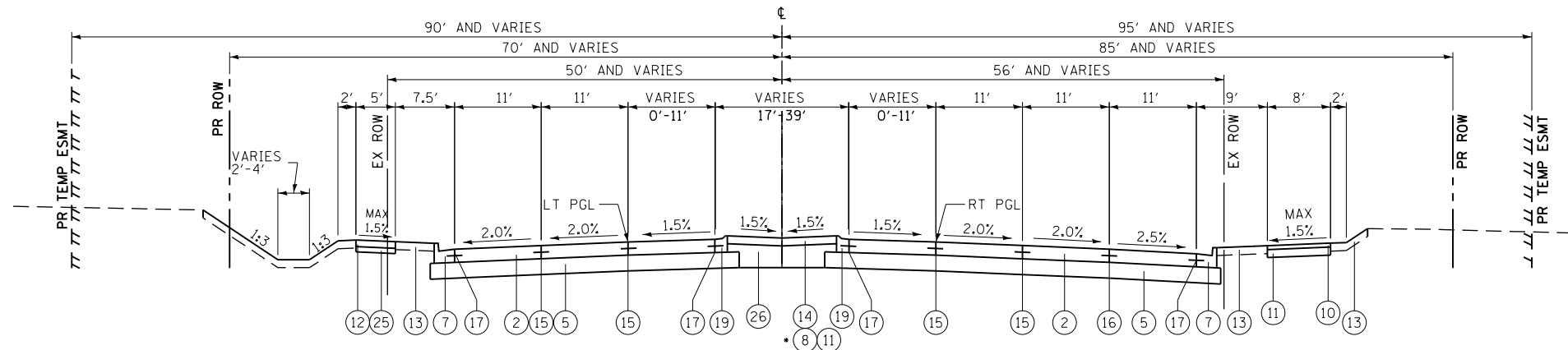
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	30
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION  
ALGONQUIN ROAD  
STATION 1331+05 TO STATION 1333+95  
• STATION 1331+80 TO STATION 1333+43  
•• STATION 1333+43 TO STATION 1333+95



PROPOSED TYPICAL SECTION  
ALGONQUIN ROAD  
STATION 1333+95 TO STATION 1334+17  
• STATION 1334+17 TO STATION 1337+58, SEE SHEET 33 FOR LANDSCAPED MEDIAN DETAILS



PROPOSED TYPICAL SECTION  
ALGONQUIN ROAD  
STATION 1337+58 TO STATION 1340+11  
• STATION 1340+11 TO STATION 1340+79

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (I) HMA SHOULDER (8" AND VARIES)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (20) CONCRETE MEDIAN, TY SB-6.24
- (21) CONCRETE MEDIAN, TY SB-6.12
- (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
- (23) CLASS D PATCHES, TYPE IV
- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

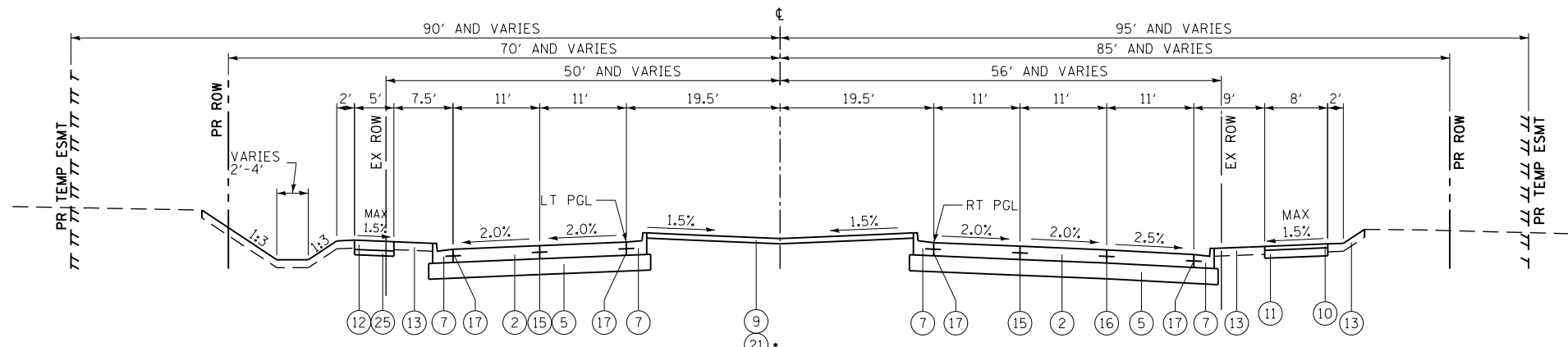
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

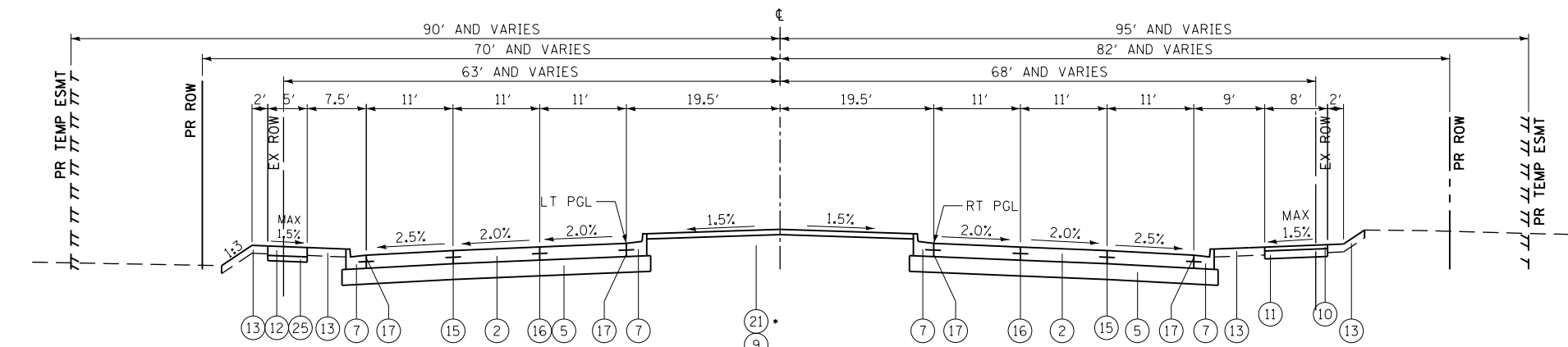
PROPOSED TYPICAL SECTIONS  
ALGONQUIN ROAD

SCALE: NONE SHEET 10 OF 19 SHEETS STA TO STA

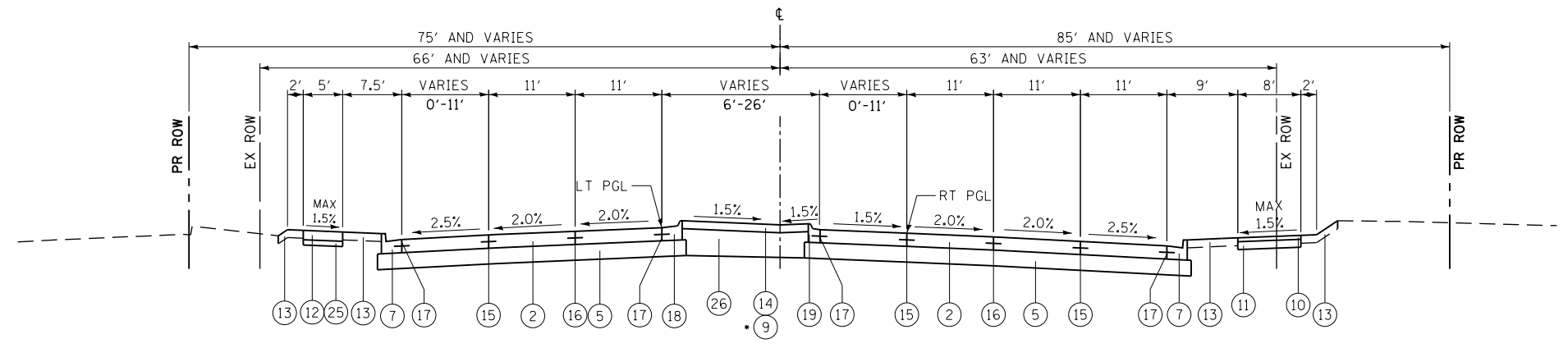
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	31
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION  
ALGONQUIN ROAD  
• STATION 1340+79 TO STATION 1341+62  
• STATION 1341+62 TO STATION 1343+26  
• STATION 1343+26 TO STATION 1345+06  
• STATION 1345+06 TO STATION 1347+95



PROPOSED TYPICAL SECTION  
ALGONQUIN ROAD  
• STATION 1347+95 TO STATION 1352+30  
• STATION 1352+30 TO STATION 1354+44  
• STATION 1354+44 TO STATION 1355+33  
• STATION 1355+33 TO STATION 1356+82



PROPOSED TYPICAL SECTION  
ALGONQUIN ROAD  
• STATION 1356+82 TO STATION 1360+61  
• STATION 1360+61 TO STATION 1361+88

- EXISTING**
- (A) HMA SURFACE COURSE
  - (B) HMA PAVEMENT (VARIES 5"-17")
  - (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
  - (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
  - (E) GRASS MEDIAN
  - (F) CONCRETE MEDIAN SURFACE
  - (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
  - (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (I) HMA SHOULDER (8" AND VARIES)
  - (J) PORTLAND CEMENT CONCRETE SIDEWALK
  - (K) HMA SIDEWALK
  - (L) AGGREGATE SUBGRADE (12" AND VARIES)
  - (M) CONCRETE MEDIAN, TY SB-6.12
- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
  - (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
  - (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
  - (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
  - (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
  - (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (8) CONCRETE MEDIAN SURFACE, 4 INCH
  - (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
  - (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
  - (11) AGGREGATE BASE COURSE, TYPE B 6"
  - (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
  - (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
  - (14) CONCRETE MEDIAN SURFACE, 6 INCH
  - (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
  - (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
  - (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
  - (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
  - (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
  - (20) CONCRETE MEDIAN, TY SB-6.24
  - (21) CONCRETE MEDIAN, TY SB-6.12
  - (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
  - (23) CLASS D PATCHES, TYPE IV
  - (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
  - (25) AGGREGATE BASE COURSE, TYPE B 4"
  - (26) AGGREGATE SUBGRADE IMPROVEMENT
  - (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

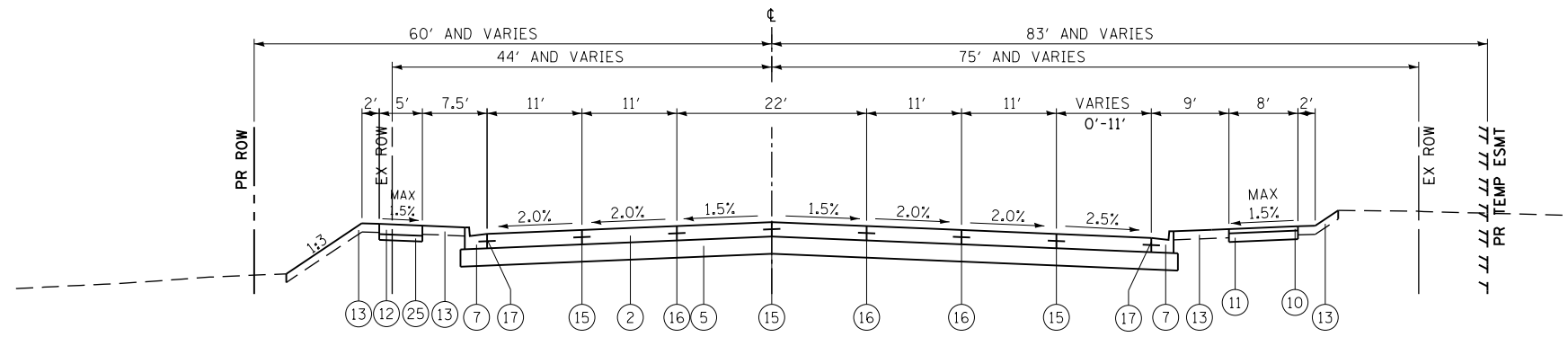
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS ALGONQUIN ROAD</b>			
SCALE: NONE	SHEET 11	OF 19 SHEETS	STA TO STA

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	32
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

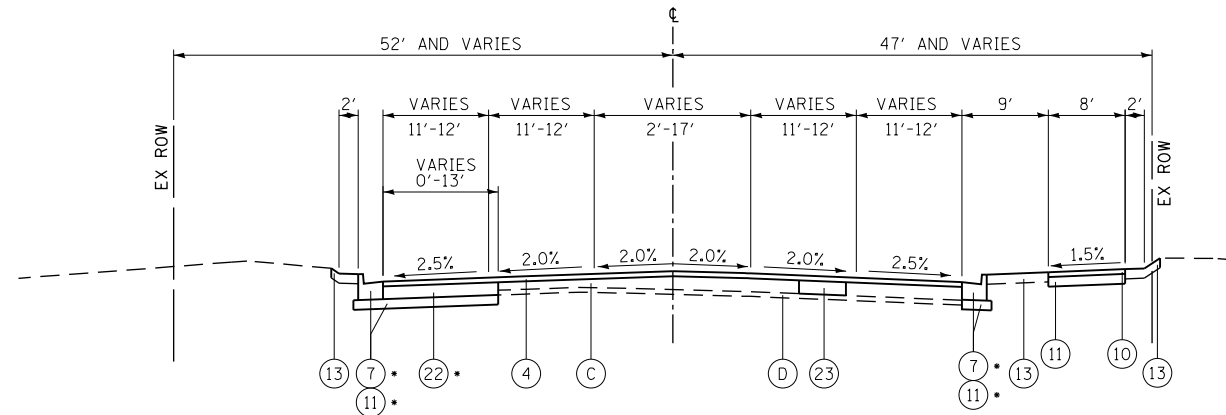




PROPOSED TYPICAL SECTION  
ALGONQUIN ROAD  
STATION 1361+88 TO STATION 1365+50

STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 38,142	SU = 1,470	MU = 1,225
ROAD/STREET CLASSIFICATION:	CLASS	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P	8%
TRAFFIC FACTOR:	ACTUAL TF = 6.63 RIGID	MINIMUM TF = NO MIN.
JRC PAVEMENT	EDGE SUPPORT = TIED	
SUBGRADE SUPPORT RATING:	SSR = POOR (Sta. 1333+95 to 1365+50)	ALGONQUIN ROAD



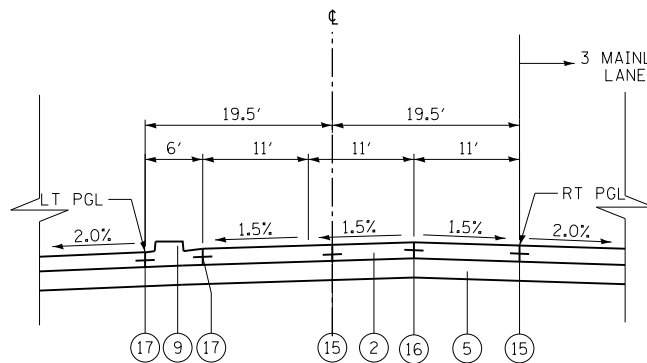
PROPOSED TYPICAL SECTION  
ALGONQUIN ROAD  
\*STATION 1365+50 TO STATION 1368+80  
STATION 1365+50 TO STATION 1373+74

STRUCTURAL PAVEMENT DESIGN

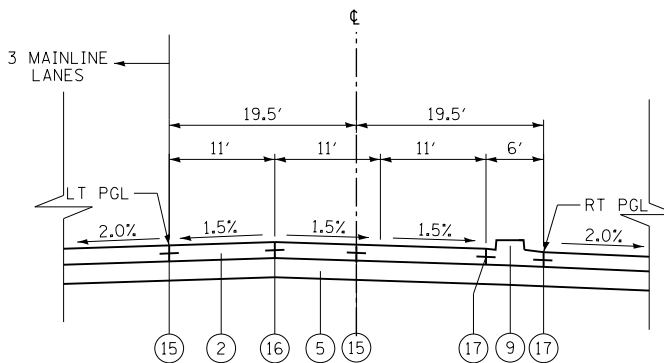
STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 38,142	SU = 1,470	MU = 1,225
ROAD/STREET CLASSIFICATION:	CLASS	II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P	8%
TRAFFIC FACTOR:	ACTUAL TF = 4.72	MINIMUM TF = NO MIN.
PG GRADE:	BINDER = 64-22	SURFACE = 64-22
SUBGRADE SUPPORT RATING:	SSR = POOR (Sta. 1331+80 to 1333+95)	ALGONQUIN ROAD
	SSR = POOR (Sta. 1365+50 to 1368+80)	ALGONQUIN ROAD

AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

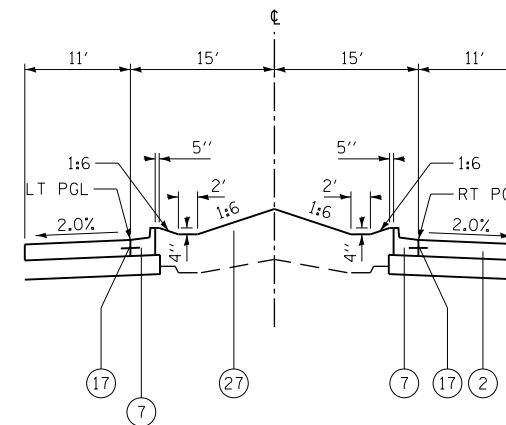
STATION RANGE	LOCATION	LENGTH	WIDTH	DEPTH	AGG SUBGRADE IMP VOLUME	GEOTECH FAB AREA
1359+82 TO 1362+87	ROADWAY	305 FT	VARIES	2 FT	1,765 CY	2,648 SY
TOTALS					1,765 CY	2,648 SY



PROPOSED EASTBOUND TRIPLE LEFT TURN LANE DETAIL  
ALGONQUIN ROAD  
STATION 1343+26 TO STATION 1347+95



PROPOSED WESTBOUND TRIPLE LEFT TURN LANE DETAIL  
ALGONQUIN ROAD  
STATION 1350+12 TO STATION 1354+44



PROPOSED LANDSCAPED MEDIAN  
ALGONQUIN ROAD  
STATION 1334+17 TO STATION 1337+51

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (I) HMA SHOULDER (8" AND VARIES)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (20) CONCRETE MEDIAN, TY SB-6.24
- (21) CONCRETE MEDIAN, TY SB-6.12
- (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
- (23) CLASS D PATCHES, TYPE IV
- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

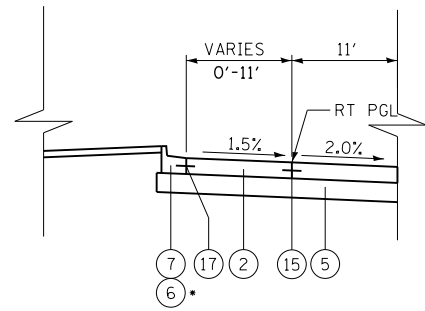
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

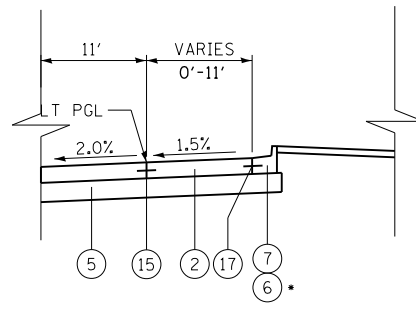
PROPOSED TYPICAL SECTIONS  
ALGONQUIN ROAD

SCALE: NONE SHEET 12 OF 19 SHEETS STA TO STA

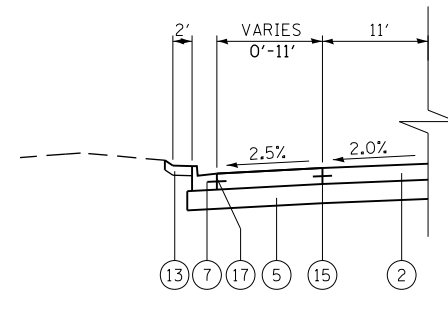
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO.	61E53
ILLINOIS FED. AID PROJECT				



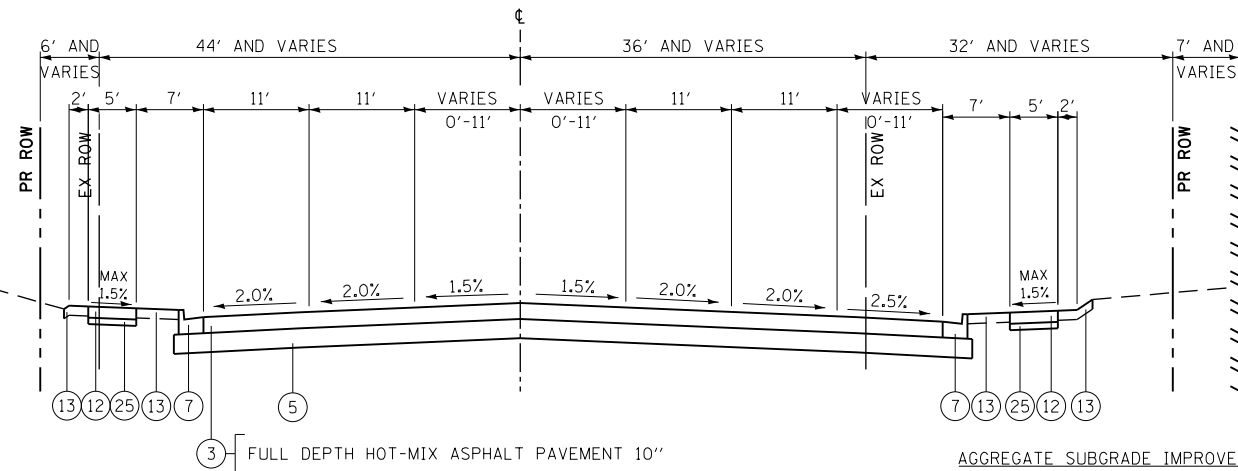
PROPOSED EASTBOUND SINGLE LEFT TURN LANE DETAIL  
ALGONQUIN ROAD  
STATION 1338+23 TO STATION 1342+22  
STATION 1352+30 TO STATION 1354+44



PROPOSED WESTBOUND SINGLE LEFT TURN LANE DETAIL  
ALGONQUIN ROAD  
STATION 1338+23 TO STATION 1341+62  
STATION 1342+76 TO STATION 1345+06  
STATION 1354+97 TO STATION 1358+77



PROPOSED WESTBOUND RIGHT TURN LANE DETAIL  
ALGONQUIN ROAD  
STATION 1345+10 TO STATION 1347+95



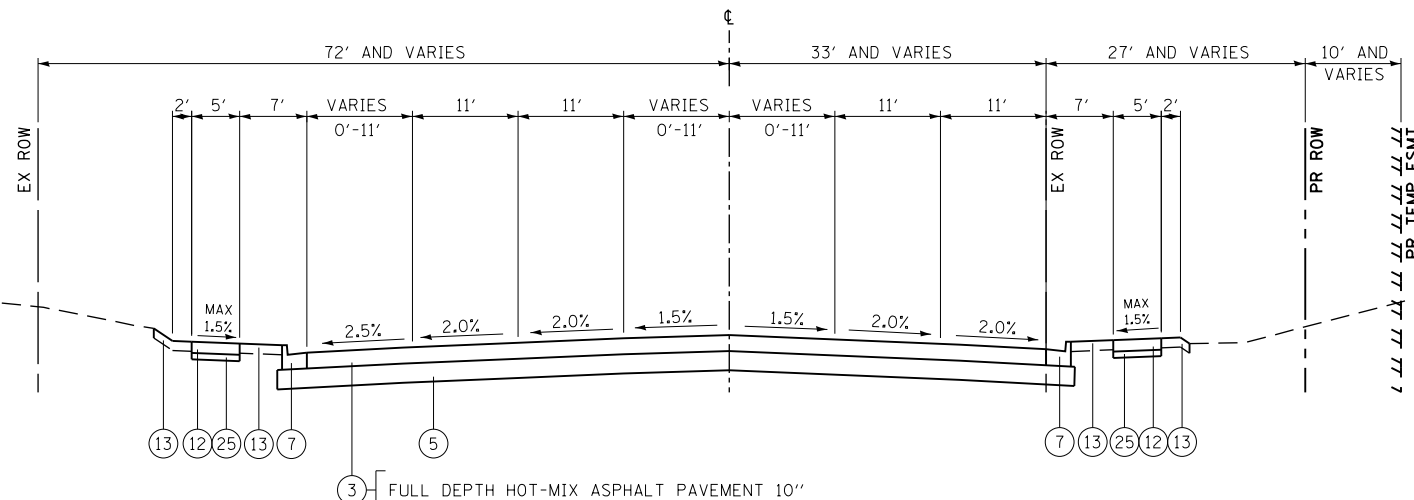
PROPOSED TYPICAL SECTION  
BUNKER HILL DR  
STATION 9+93 TO STATION 16+42

STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 12,561	SU = 484	MU = 403
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32%	S = 45%	M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 2.34	
	MINIMUM TF = NO MIN.	
PG GRADE:	BINDER = 58-28	SURFACE = 58-28
SUBGRADE SUPPORT RATING:		
SSR = POOR (Sta. 9+93 to 16+42)		BUNKER HILL DRIVE

AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

STATION RANGE	LOCATION	LENGTH	WIDTH	DEPTH	AGG SUBGRADE IMP VOLUME	GEOTECH FAB AREA
BUNKER HILL DRIVE						
14+44 TO 15+88	ROADWAY	144 FT	VARIES	0.5 FT	103 CY	1,296 SY
TOTALS					103 CY	1,296 SY



PROPOSED TYPICAL SECTION  
HUNTINGTON DR  
STATION 18+50 TO STATION 25+14

AGGREGATE SUBGRADE IMPROVEMENT

STATION RANGE	LOCATION	LENGTH	WIDTH	DEPTH	VOLUME
BUNKER HILL DRIVE					
9+93 TO 12+76	ROADWAY	283 FT	VARIES	1 FT	143 CY
TOTAL					143 CY

STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 9,810	SU = 378	MU = 315
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32%	S = 45%	M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.83	
	MINIMUM TF = NO MIN.	
PG GRADE:	BINDER = 58-28	SURFACE = 58-28
SUBGRADE SUPPORT RATING:		
SSR = POOR (Sta. 18+50 to 25+14)		HUNTINGTON DRIVE

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (I) HMA SHOULDER (8" AND VARIES)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (20) CONCRETE MEDIAN, TY SB-6.24
- (21) CONCRETE MEDIAN, TY SB-6.12
- (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
- (23) CLASS D PATCHES, TYPE IV
- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS



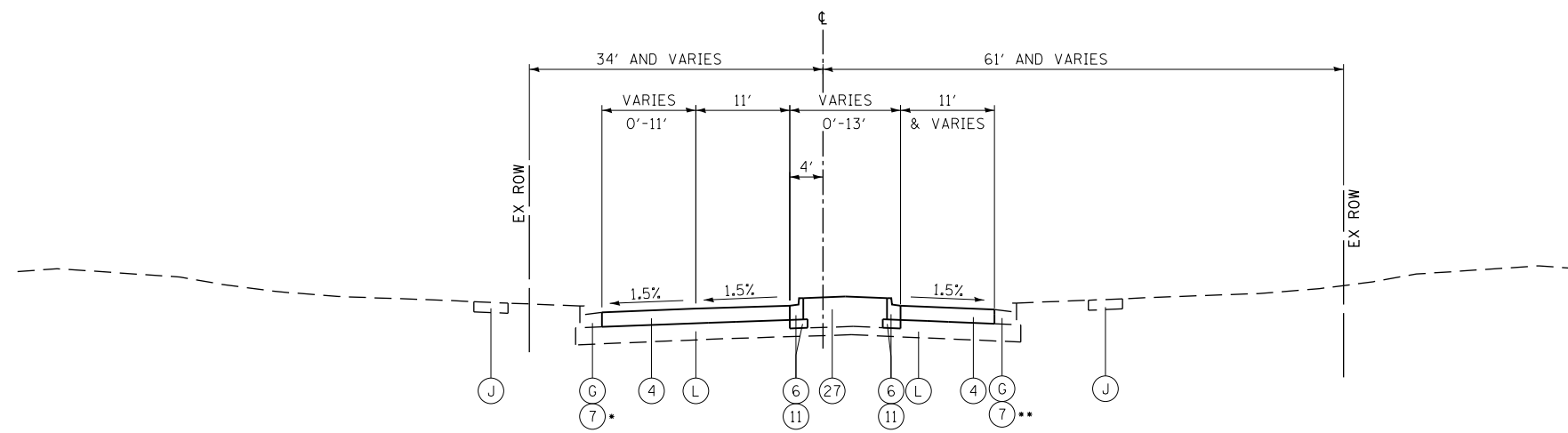
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

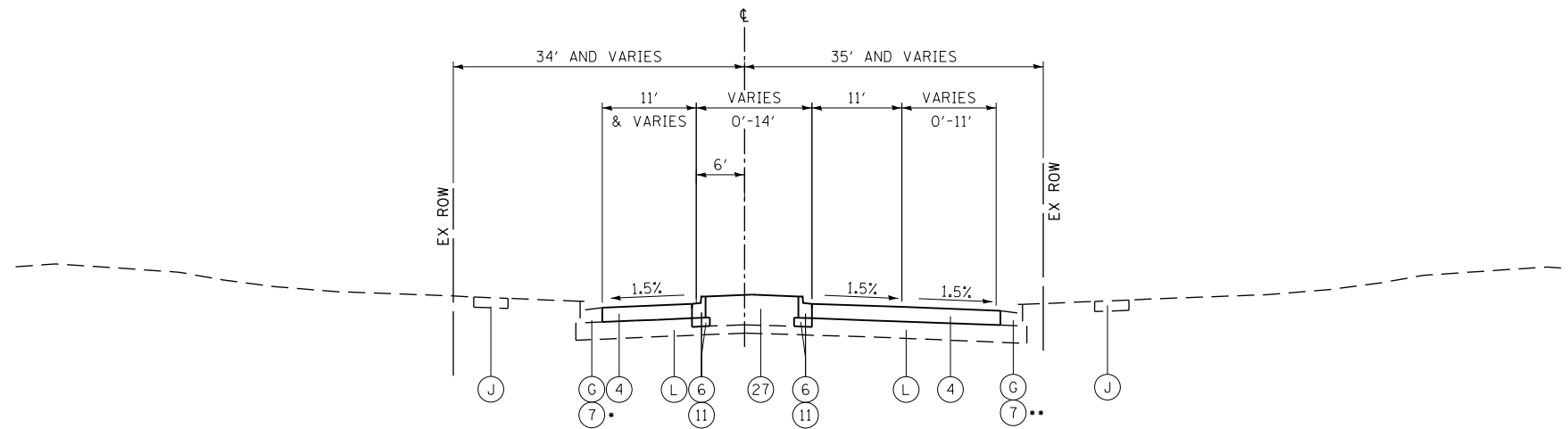
PROPOSED TYPICAL SECTIONS  
SIDE ROADS

SCALE: NONE SHEET 13 OF 19 SHEETS STA TO STA

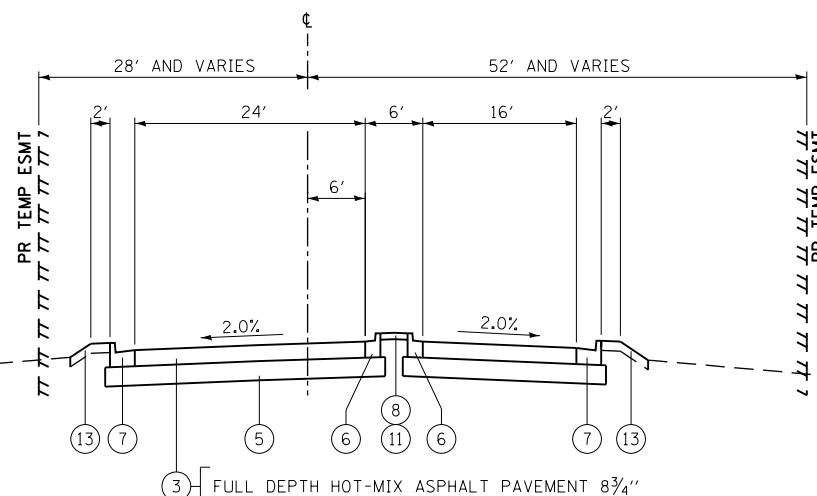
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	34
				CONTRACT NO. 61E53
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION  
 STONEGATE RD  
 STATION 93+10 TO STATION 103+00  
 \*STATION 100+08 TO STATION 103+00  
 \*\*STATION 100+77 TO STATION 103+00



PROPOSED TYPICAL SECTION  
 STONEGATE RD  
 STATION 106+00 TO STATION 117+05  
 \*STATION 106+00 TO STATION 109+30  
 \*\*STATION 106+00 TO STATION 106+86



PROPOSED TYPICAL SECTION  
 COMMERCIAL DR (COSTCO)  
 STATION 200+14 TO STATION 202+31

STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 7,659	SU = 296	MU = 246
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 32%	S = 45%	M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.43	MINIMUM TF = NO MIN.
PG GRADE:	BINDER = 58-28	SURFACE = 58-28
SUBGRADE SUPPORT RATING:	SSR = POOR (Sta. 200+14 to 202+31)	COSTCO ENTRANCE

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (I) HMA SHOULDER (8" AND VARIES)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 3/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (20) CONCRETE MEDIAN, TY SB-6.24
- (21) CONCRETE MEDIAN, TY SB-6.12
- (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
- (23) CLASS D PATCHES, TYPE IV
- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

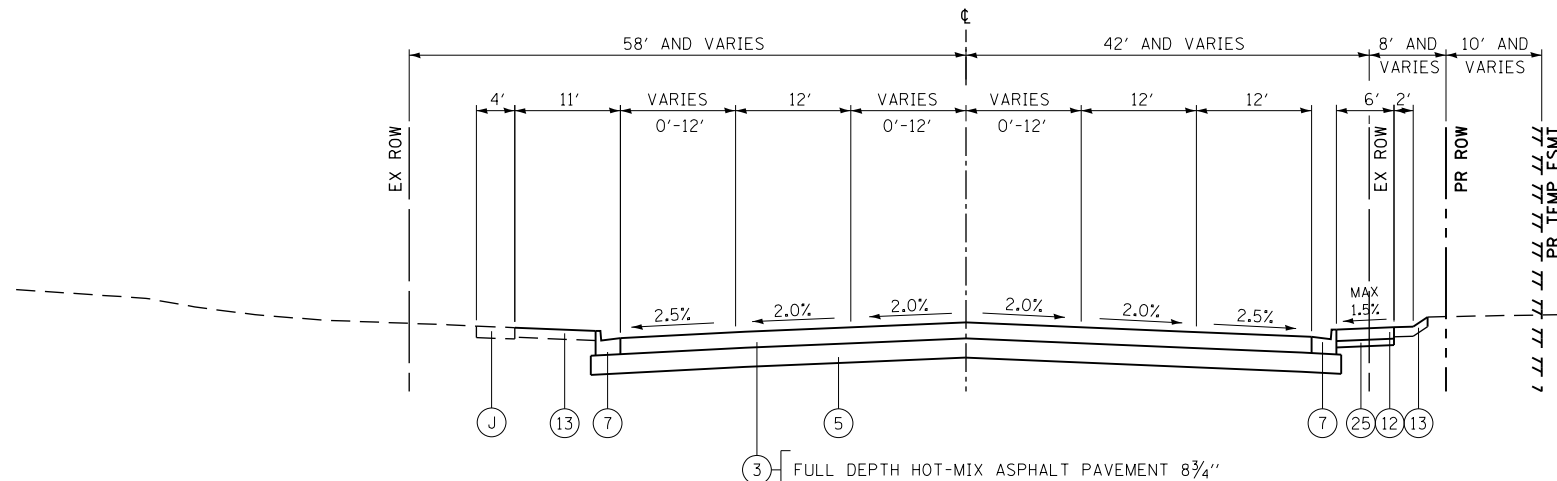
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS  
 SIDE ROADS

SCALE: NONE SHEET 14 OF 19 SHEETS STA TO STA

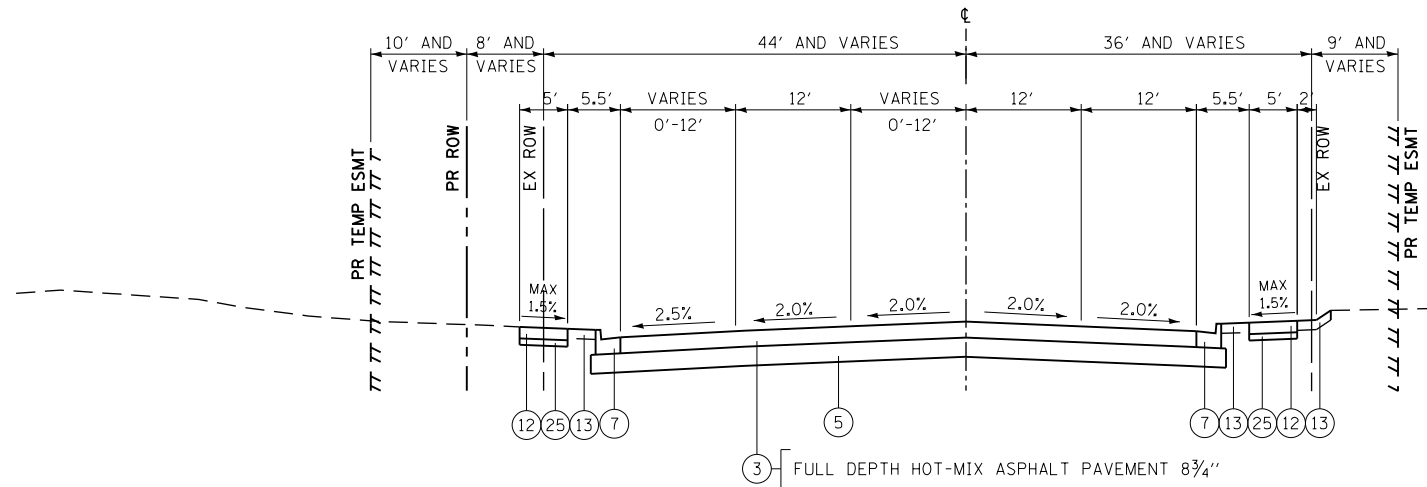
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	35
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION  
POLARIS DR  
STATION 30+00 TO STATION 34+20

STRUCTURAL PAVEMENT DESIGN

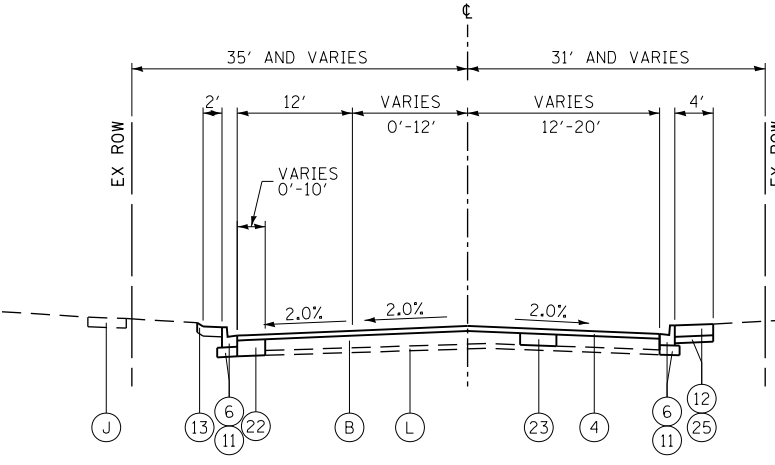
STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 6,445	SU = 248	MU = 207
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = 32%	S = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.21	M = 45%
	MINIMUM TF = NO MIN.	
PG GRADE:	BINDER = 58-28	SURFACE = 58-28
SUBGRADE SUPPORT RATING:	SSR = POOR (Sta. 30+00 to 34+20)	POLARIS DRIVE



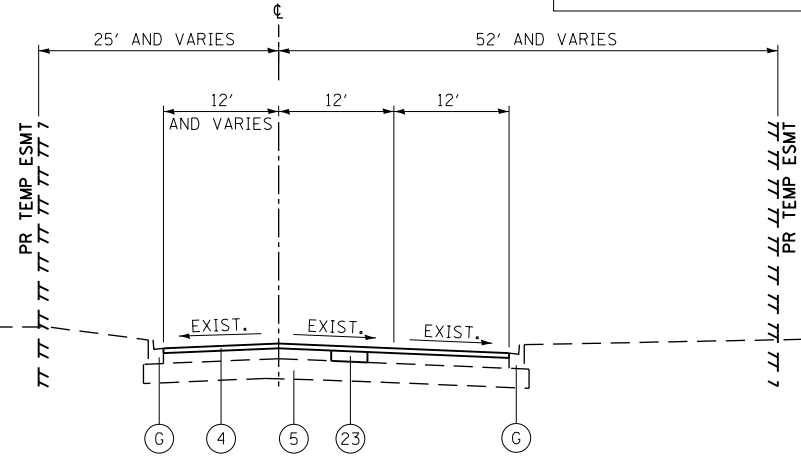
PROPOSED TYPICAL SECTION  
ACORN LN  
STATION 36+27 TO STATION 40+40

STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 7,659	SU = 296	MU = 246
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = 32%	S = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.43	M = 45%
	MINIMUM TF = NO MIN.	
PG GRADE:	BINDER = 58-28	SURFACE = 58-28
SUBGRADE SUPPORT RATING:	SSR = POOR (Sta. 36+27 to 40+40)	ACORN LANE



PROPOSED TYPICAL SECTION  
CRYSTAL LAKE RD  
STATION 600+94 TO STATION 606+27



PROPOSED TYPICAL SECTION  
CRYSTAL LAKE RD  
STATION 409+18 TO STATION 410+43

STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC:	YEAR	2027
PV = 7,659	SU = 296	MU = 246
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = 32%	S = 45%
TRAFFIC FACTOR:	ACTUAL TF = 1.43	M = 45%
	MINIMUM TF = NO MIN.	
PG GRADE:	BINDER = 58-28	SURFACE = 58-28
SUBGRADE SUPPORT RATING:	SSR = POOR (Sta. 600+94 to 606+31)	CRYSTAL LAKE ROAD
	SSR = POOR (Sta. 409+14 to 410+43)	CRYSTAL LAKE ROAD

- EXISTING
- (A) HMA SURFACE COURSE
  - (B) HMA PAVEMENT (VARIES 5"-17")
  - (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
  - (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
  - (E) GRASS MEDIAN
  - (F) CONCRETE MEDIAN SURFACE
  - (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
  - (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (I) HMA SHOULDER (8" AND VARIES)
  - (J) PORTLAND CEMENT CONCRETE SIDEWALK
  - (K) HMA SIDEWALK
  - (L) AGGREGATE SUBGRADE (12" AND VARIES)
  - (M) CONCRETE MEDIAN, TY SB-6.12

- PROPOSED
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
  - (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
  - (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
  - (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
  - (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
  - (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (8) CONCRETE MEDIAN SURFACE, 4 INCH
  - (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
  - (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
  - (11) AGGREGATE BASE COURSE, TYPE B 6"
  - (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
  - (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
  - (14) CONCRETE MEDIAN SURFACE, 6 INCH
  - (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
  - (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
  - (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
  - (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
  - (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
  - (20) CONCRETE MEDIAN, TY SB-6.24
  - (21) CONCRETE MEDIAN, TY SB-6.12
  - (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
  - (23) CLASS D PATCHES, TYPE IV
  - (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
  - (25) AGGREGATE BASE COURSE, TYPE B 4"
  - (26) AGGREGATE SUBGRADE IMPROVEMENT
  - (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

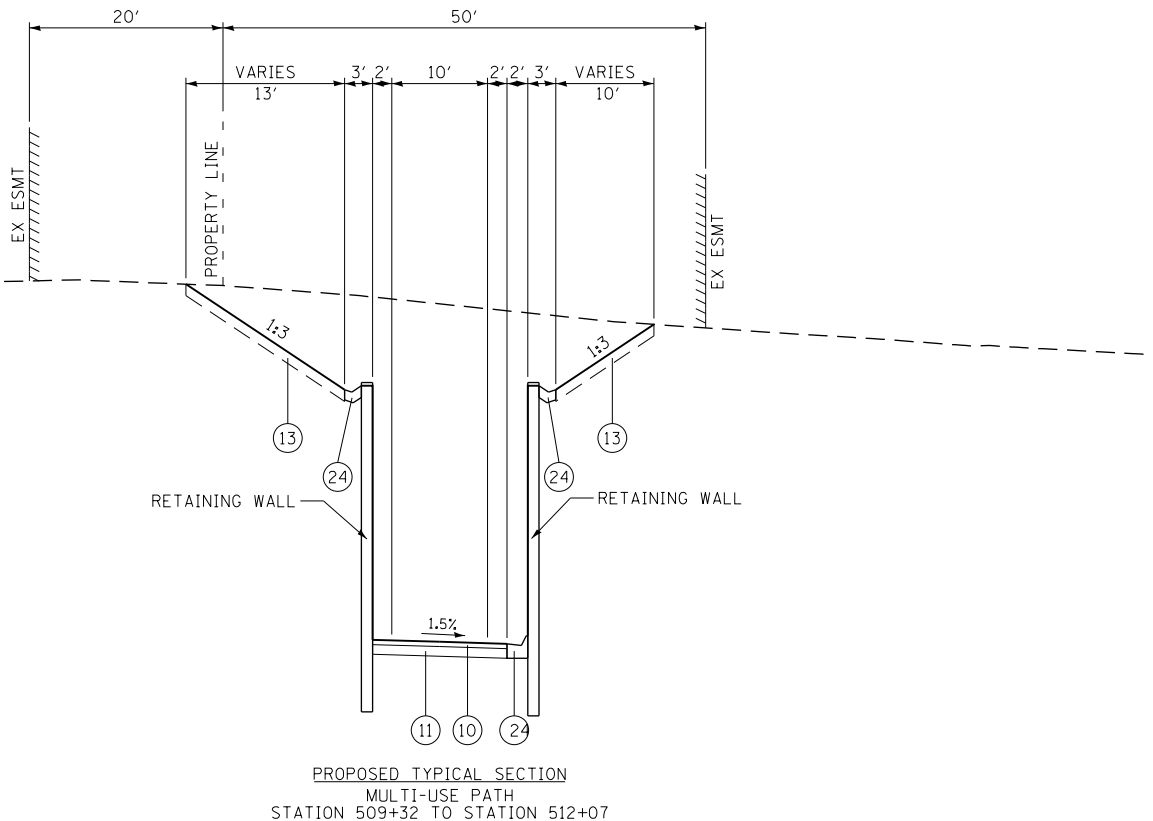
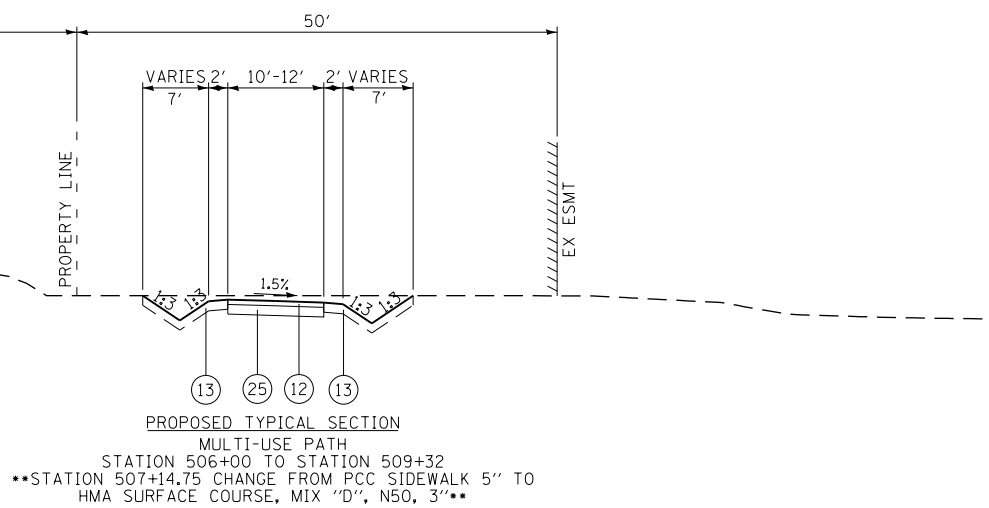
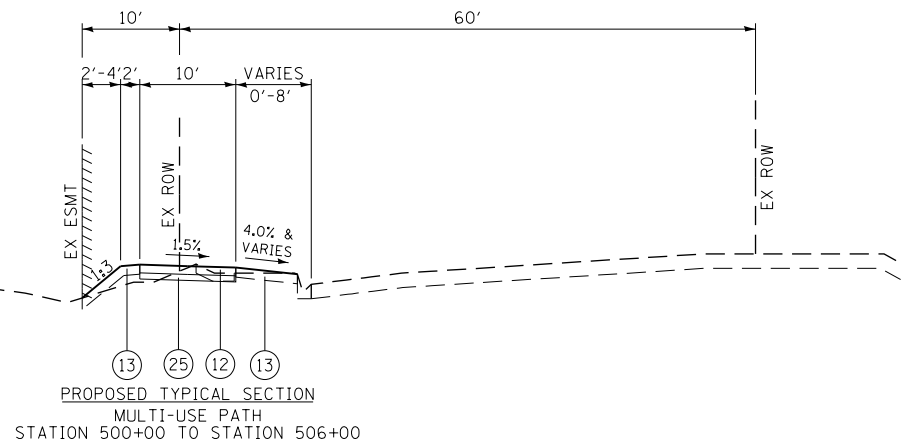
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS  
SIDE ROADS

SCALE: NONE	SHEET 15	OF 19 SHEETS	STA	TO STA
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FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	36
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



- EXISTING**
- (A) HMA SURFACE COURSE
  - (B) HMA PAVEMENT (VARIES 5"-17")
  - (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
  - (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
  - (E) GRASS MEDIAN
  - (F) CONCRETE MEDIAN SURFACE
  - (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
  - (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (I) HMA SHOULDER (8" AND VARIES)
  - (J) PORTLAND CEMENT CONCRETE SIDEWALK
  - (K) HMA SIDEWALK
  - (L) AGGREGATE SUBGRADE (12" AND VARIES)
  - (M) CONCRETE MEDIAN, TY SB-6.12
- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
  - (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
  - (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
  - (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
  - (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
  - (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (8) CONCRETE MEDIAN SURFACE, 4 INCH
  - (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
  - (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
  - (11) AGGREGATE BASE COURSE, TYPE B 6"
  - (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
  - (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
  - (14) CONCRETE MEDIAN SURFACE, 6 INCH
  - (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
  - (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
  - (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
  - (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
  - (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
  - (20) CONCRETE MEDIAN, TY SB-6.24
  - (21) CONCRETE MEDIAN, TY SB-6.12
  - (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
  - (23) CLASS D PATCHES, TYPE IV
  - (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
  - (25) AGGREGATE BASE COURSE, TYPE B 4"
  - (26) AGGREGATE SUBGRADE IMPROVEMENT
  - (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

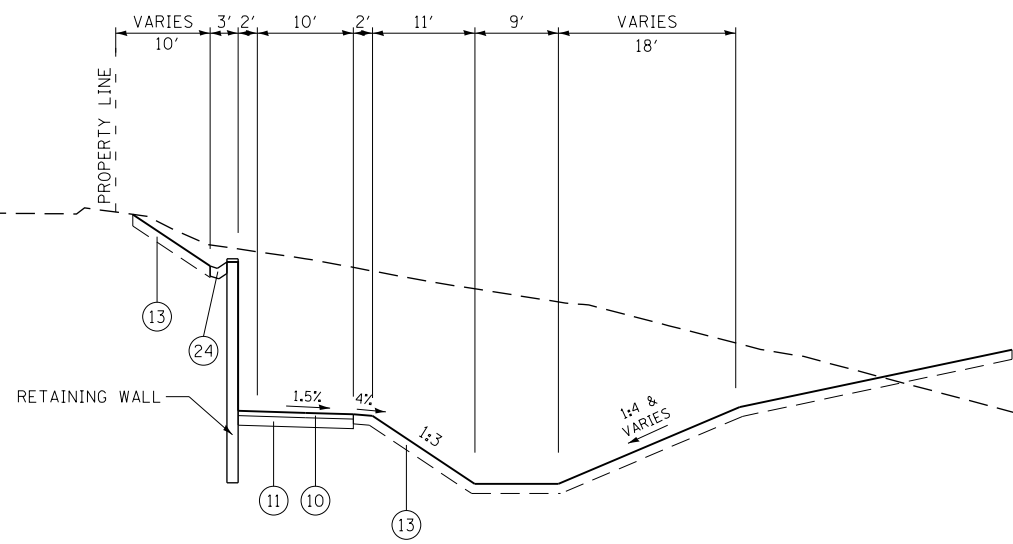


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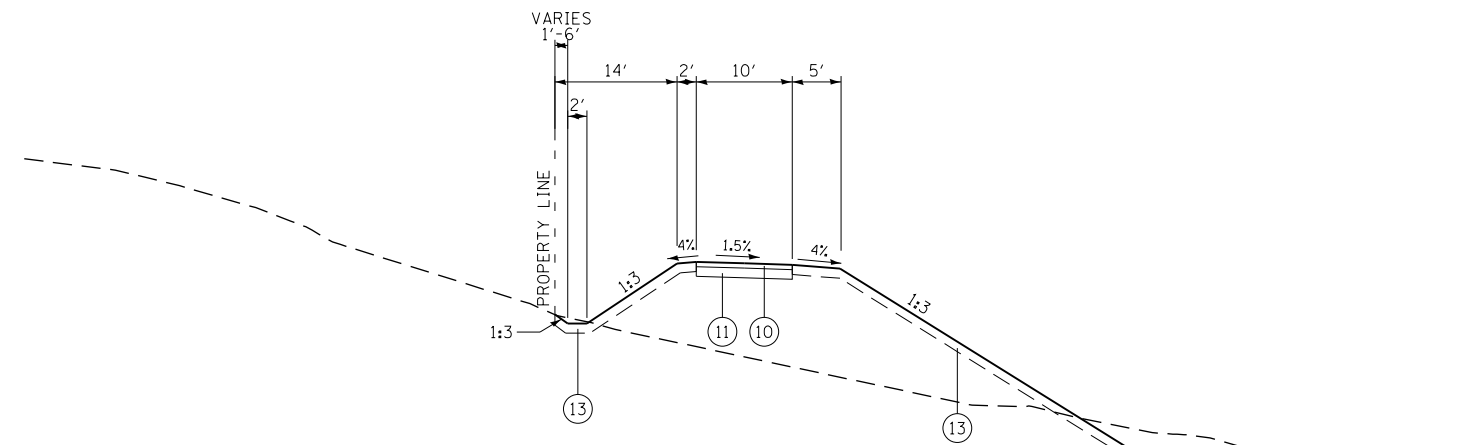
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS HMA MULTI-USE PATH</b>			
SCALE: NONE	SHEET 16	OF 19 SHEETS	STA TO STA

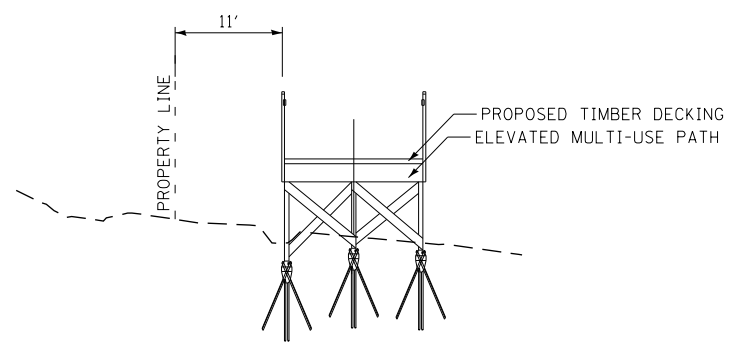
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	37
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION  
MULTI-USE PATH  
STATION 513+64 TO STATION 515+31



PROPOSED TYPICAL SECTION  
MULTI-USE PATH  
STATION 515+31 TO STATION 522+61



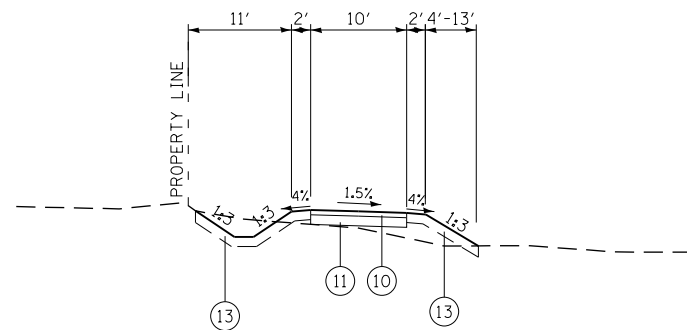
PROPOSED TYPICAL SECTION  
MULTI-USE PATH  
STATION 522+61 TO STATION 524+01

- EXISTING**
- (A) HMA SURFACE COURSE
  - (B) HMA PAVEMENT (VARIES 5"-17")
  - (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
  - (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
  - (E) GRASS MEDIAN
  - (F) CONCRETE MEDIAN SURFACE
  - (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
  - (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (I) HMA SHOULDER (8" AND VARIES)
  - (J) PORTLAND CEMENT CONCRETE SIDEWALK
  - (K) HMA SIDEWALK
  - (L) AGGREGATE SUBGRADE (12" AND VARIES)
  - (M) CONCRETE MEDIAN, TY SB-6.12
- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
  - (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
  - (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
  - (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
  - (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
  - (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
  - (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
  - (8) CONCRETE MEDIAN SURFACE, 4 INCH
  - (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
  - (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
  - (11) AGGREGATE BASE COURSE, TYPE B 6"
  - (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
  - (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
  - (14) CONCRETE MEDIAN SURFACE, 6 INCH
  - (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
  - (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
  - (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
  - (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
  - (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
  - (20) CONCRETE MEDIAN, TY SB-6.24
  - (21) CONCRETE MEDIAN, TY SB-6.12
  - (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
  - (23) CLASS D PATCHES, TYPE IV
  - (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
  - (25) AGGREGATE BASE COURSE, TYPE B 4"
  - (26) AGGREGATE SUBGRADE IMPROVEMENT
  - (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

PROPOSED TYPICAL SECTIONS HMA MULTI-USE PATH			
SCALE: NONE	SHEET 17	OF 19 SHEETS	STA TO STA

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	38
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION  
MULTI-USE PATH  
STATION 524+01 TO STATION 530+45

EXISTING

- (A) HMA SURFACE COURSE
- (B) HMA PAVEMENT (VARIES 5"-17")
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (D) SUBBASE GRANULAR MATERIAL (6" AND VARIES)
- (E) GRASS MEDIAN
- (F) CONCRETE MEDIAN SURFACE
- (G) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (H) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (I) HMA SHOULDER (8" AND VARIES)
- (J) PORTLAND CEMENT CONCRETE SIDEWALK
- (K) HMA SIDEWALK
- (L) AGGREGATE SUBGRADE (12" AND VARIES)
- (M) CONCRETE MEDIAN, TY SB-6.12

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (3) FULL DEPTH HMA PAVEMENT (SEE SECTIONS FOR DEPTHS)
- (4) HOT-MIX ASPHALT SURFACE AND BINDER COURSE (SEE MIX TABLE ON SHEET 40)
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (7) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (8) CONCRETE MEDIAN SURFACE, 4 INCH
- (9) CONCRETE MEDIAN, TY SB-6.24 (SPECIAL)
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (SEE MIX TABLE ON SHEET 40)
- (11) AGGREGATE BASE COURSE, TYPE B 6"
- (12) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (13) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (14) CONCRETE MEDIAN SURFACE, 6 INCH
- (15) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (16) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08 (INCLUDED IN THE COST OF PCC PAVEMENT)
- (17) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-08) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24
- (19) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- (20) CONCRETE MEDIAN, TY SB-6.24
- (21) CONCRETE MEDIAN, TY SB-6.12
- (22) HMA BASE COURSE WIDENING (SEE MIX TABLE ON SHEET 40)
- (23) CLASS D PATCHES, TYPE IV
- (24) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.18
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) AGGREGATE SUBGRADE IMPROVEMENT
- (27) TOPSOIL FURNISH AND PLACE 24" AND SODDING OR SEEDING AS NOTED ON PLANS

USER NAME = mrc1ss	DESIGNED - GJE	REVISED -
FILENAME = D:\NNNN-sht-Typicals-18.dgn	DRAWN - GJE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - DBB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	39
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

HMA MIXTURE REQUIREMENTS CHART	
MIXTURE TYPE	AIR VOIDS @ Ndes
<u>FULL DEPTH PAVEMENT, 10" (BUNKER HILL DR, HUNTINGTON DR)</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (IL 9.5mm) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2" HOT-MIX ASPHALT BASE COURSE, 6" (HMA BINDER IL-19.0 mm)	3.5% @ 50 GYR. 3.5% @ 50 GYR. 3.5% @ 50 GYR.
<u>FULL DEPTH PAVEMENT, 8 3/4" (COMMERCIAL DR (COSTCO), ACORN LN, POLARIS DR)</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (IL 9.5mm) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2 1/4" HOT-MIX ASPHALT BASE COURSE, 4 1/2" (HMA BINDER IL-19mm)	4% @ 50 GYR. 4% @ 50 GYR. 4% @ 50 GYR.
<u>HMA PAVEMENT RESURFACING (STONEGATE RD)</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (IL-9.5mm) HOT-MIX ASPHALT BINDER COURSE, IL-19.0 mm, N50 2 "	3.5% @ 50 GYR. 3.5% @ 50 GYR.
<u>HMA PAVEMENT WIDENING (CRYSTAL LAKE ROAD)</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (IL-9.5mm) LEVELING BINDER (MACHINE METHOD), N50 3/4" (IL-9.5mm) HOT-MIX ASPHALT BASE COURSE WIDENING, 6" (HMA BINDER IL-19.0mm)	4% @ 50 GYR. 4% @ 50 GYR. 4% @ 50 GYR.
<u>HMA PAVEMENT RESURFACING (CRYSTAL LAKE RD)</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (IL-9.5mm) LEVELING BINDER (MACHINE METHOD), N50 3/4" (IL-9.5mm)	4% @ 50 GYR. 4% @ 50 GYR.
<u>HMA PAVEMENT WIDENING (RANDALL RD)</u> POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80 1 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL 4.75, N50, 3/4" HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER IL-19.0mm)	3.5% @ 80 GYR. 3.5% @ 50 GYR. 4% @ 90 GYR.
<u>HMA PAVEMENT WIDENING (ALGONQUIN RD)</u> POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80 1 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL 4.75, N50, 3/4" HOT-MIX ASPHALT BASE COURSE WIDENING, 7.5" (HMA BINDER IL-19.0mm)	3.5% @ 80 GYR. 3.5% @ 50 GYR. 4% @ 90 GYR.
<u>HMA PAVEMENT RESURFACING (RANDALL RD &amp; ALGONQUIN RD)</u> POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80 1 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"	3.5% @ 80 GYR. 3.5% @ 50 GYR.
<u>PAVEMENT PATCHING</u> CLASS D PATCHES, (HMA BINDER IL-19.0mm)	4% @ 70 GYR.
<u>MULTI-USE PATH (PATH RUNNING PARALLEL ALONG RANDALL ROAD AND ALGONQUIN ROAD)</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 4" (IL 9.5mm)	4% @ 50 GYR.
<u>MULTI-USE PATH (PATH CONNECTING TO THE UNDERPASS BELOW RANDALL ROAD)</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm) 3"	3% @ 50 GYR.
<u>TEMPORARY PAVEMENT</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2" (IL 9.5mm) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"	4% @ 70 GYR. 4% @ 70 GYR.
<u>TEMPORARY PAVEMENT (VARIABLE DEPTH)</u> HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"	4% @ 70 GYR.
<u>COMMERCIAL ENTRANCES</u> HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 2" (IL 9.5mm) HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19.0mm)	4% @ 50 GYR. 4% @ 50 GYR.

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SOYD/IN.
2. PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, 8" THICK PAVEMENT. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
3. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR 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
4. THE CONTRACTOR SHALL HAVE THE OPTION OF USING PCC PAVEMENT 8" OR HMA PAVEMENT 10" FOR TEMPORARY PAVEMENT AS SPECIFIED IN THE SPECIAL PROVISIONS AND THE MIXTURE TABLE ON THIS SHEET. EITHER OPTION SHALL BE PLACED ON 4" SUBBASE GRANULAR MATERIAL, TYPE B (CA-6).



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MIX TABLE</b>			FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILENAME = D:\NNNN\sh-typical-18.dgn	DRAWN - MKW	REVISED -					336	06-00329-01-PW	MCHENRY	1751	40
PLOT SCALE = 20.0000' / in.	CHECKED - RCB	REVISED -		SCALE: NONE	SHEET 19	OF 19 SHEETS	STA	TO STA	CONTRACT NO. 61E53		
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -		ILLINOIS FED. AID PROJECT							



SCHEDULE OF EARTHWORK																													
LOCATION	20201200 REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL CU YD								20200100 EARTH EXCAVATION CU YD				EARTH EXCAVATION (ADJ 15% FOR SHRINKAGE) CU YD				EMBANKMENT CU YD				EARTHWORK BALANCE EXCESS (+) OR SHORTAGE (-) CU YD				20400800 FURNISHED EX CU YD	66900200 NON-SPECIAL WASTE DISPOSAL (1) CU YD			
	EXISTING TOPSOIL STAGE				UNDERCUT STAGE				STAGE				STAGE				STAGE				STAGE				TOTAL				
	PRE	1	2	3	PRE	1	2	3	PRE	1	2	3	PRE	1	2	3	PRE	1	2	3	PRE	1	2	3	PRE	1	2	3	
RANDALL ROAD	3,890	4,193	1,535	0	0	854	833	281	5,986	12,748	11,588	3,036	5,088	10,836	9,850	2,581	7,912	7,418	9,490	1,865	-2,825	3,418	360	716					
ALGONQUIN ROAD	446	984	1,313	117	0	623	643	311	745	5,504	5,968	2,750	633	4,678	5,073	2,338	436	489	3,145	547	197	4,189	1,927	1,791					
BUNKER HILL/HUNTINGTON DRIVE	0	820	336	0	0	372	419	101	0	2,520	2,069	115	0	2,142	1,758	98	0	1,743	26	0	0	399	1,732	98					
STONEGATE ROAD	0	32	20	0	0	0	0	0	0	12	0	5	0	10	0	4	0	56	140	2	0	-46	-140	2					
COMMERCIAL DRIVE	0	70	48	0	0	0	0	0	0	145	99	93	0	123	84	79	0	43	128	0	0	80	-44	79					
POLARIS DRIVE/ACORN LANE	0	237	0	180	0	0	0	0	0	1,186	183	514	0	1,008	156	437	0	10	0	171	0	998	156	266					
CRYSTAL LAKE ROAD	0	112	0	21	0	0	0	0	0	224	12	66	0	191	10	56	0	9	0	4	0	181	10	52					
SOUTH CRYSTAL LAKE ROAD	0	16	0	3	0	0	0	0	0	103	46	90	0	88	39	76	0	0	0	0	0	88	39	76					
ALGONQUIN MULTI-USE PATH	0	735	1,395	0	0	49	392	0	0	5,334	5,743	0	0	4,534	4,882	0	0	160	3,501	0	0	4,374	1,381	0					
ADDITIONAL OUTLET 2 POND	255	0	0	0	0	0	0	0	992	0	0	0	843	0	0	0	342	0	0	0	501	0	0	0					
DURO LIFE POND	0	0	1,244	0	0	0	0	0	0	0	191	0	0	0	163	0	0	0	7,654	0	0	0	-7,491	0					
OUTLET 5 POND	1,422	0	0	0	0	0	0	0	13,946	0	0	0	11,854	0	0	0	1,082	0	0	0	10,771	0	0	0					
RETAINING WALL NBI	0	0	0	0	1,204	0	0	0	7,229	0	0	0	6,145	0	0	0	0	0	0	0	6,145	0	0	0					
RETAINING WALL SBI	0	0	0	0	0	774	0	0	0	5,497	0	0	0	4,672	0	0	0	0	0	0	0	4,672	0	0					
RETAINING WALL A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
RETAINING WALL B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
RETAINING WALL C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
UNDERPASS CULVERT	0	0	0	0	0	0	0	0	2,278	1,207	0	0	1,936	1,026	0	0	0	0	0	0	1,936	1,026	0	0					
RAT CREEK CULVERT	0	0	0	0	0	0	0	0	499	785	0	0	424	667	0	0	0	0	0	0	424	667	0	0					
NON-SPECIAL WASTE ADJUSTMENT (+) (2, 3, 4) (-)										265																			
SUBTOTAL BY STAGE	6,013	7,137	5,891	322	1,204	2,470	2,287	693	31,674	35,529	25,899	6,669	26,923	30,200	22,014	5,669	9,773	9,928	24,083	2,589	17,150	20,047	-2,069	3,080	2,069	662			
TOTAL					26,017					99,771					84,805				46,373			38,207			2,069	662			
TOTAL (ROUNDED)					26,020					99,775					84,805				46,375			38,210			2,070	1,324			

- SEE SPECIAL PROVISIONS REGARDING LOCATIONS OF NON-SPECIAL WASTE AND REQUIREMENTS FOR PROPER HANDLING AND DISPOSAL.
- FOR THE PURPOSES OF THIS SCHEDULE IT HAS BEEN ASSUMED THAT, OF THE ESTIMATED TOTAL VOLUME OF NON-SPECIAL WASTE, 30% IS TOPSOIL, 10% IS UNDERCUT, AND 60% IS EARTH EXCAVATION.
- CONTAMINATED TOPSOIL AND UNDERCUT SHALL BE PAID FOR AS EARTH EXCAVATION AND NON-SPECIAL WASTE DISPOSAL. QUANTITIES FOR REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (-) AND EARTH EXCAVATION (+) HAVE BEEN ADJUSTED ACCORDINGLY. THE LOCATION OF THE NON-SPECIAL WASTE IS SHOWN IN THE PRELIMINARY SITE INVESTIGATION WHICH IS INCLUDED WITH THE CONTRACT DOCUMENTS.
- QUANTITIES FOR EARTH EXCAVATION AVAILABLE FOR EMBANKMENT (-) HAVE BEEN ADJUSTED TO EXCLUDE ESTIMATED VOLUME OF CONTAMINATED EARTH EXCAVATION REQUIRING DISPOSAL AS NON-SPECIAL WASTE.



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN\sh-t-schedule.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RCB	REVISED -
PLOT DATE = 5/4/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>			
SCALE: NONE	SHEET 1	OF 7	SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	41
			CONTRACT NO.	61E53
ILLINOIS FED. AID PROJECT				











ROADWAY ITEMS SCHEDULE

LOCATION	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT	AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE BASE COURSE, TYPE B 4"	AGGREGATE BASE COURSE, TYPE B 6"	CEMENT	HOT-MIX ASPHALT BASE COURSE, 8"	HOT-MIX ASPHALT BASE COURSE WIDENING, 6"	HOT-MIX ASPHALT BASE COURSE WIDENING, 7 1/2"	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), N50	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 3/4"	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)	PROTECTIVE COAT
	SO YD	CU YD	SO YD	SO YD	SO YD	100 WT	SO YD	SO YD	SO YD	SO YD	POUND	POUND	TON	TON	TON	TON	SO YD	SO YD	SO YD	SO YD	SO YD
<b>RANDALL ROAD</b>																					
2139+35 TO 2148+00	-	-	3,561	931	1,372	-	-	-	-	-	1,860	10,080	-	214	-	186	-	-	-	3,007	1,094
2148+00 TO 2160+00	3,372	1,124	11,680	868	1,280	-	-	-	-	-	2,880	3,580	-	-	-	287	-	-	-	10,010	1,668
2160+00 TO 2172+00	-	-	18,498	986	958	-	203	-	-	-	2,050	4,220	-	-	-	228	-	1,237	-	12,160	1,683
2172+00 TO 2184+00	1,712	286	16,916	756	1,251	-	210	-	-	-	2,100	2,450	-	-	24	233	-	-	-	12,368	2,017
2184+00 TO 2196+00	-	-	21,142	978	1,352	-	481	-	-	-	2,110	2,930	-	-	-	265	-	-	1,018	12,455	2,198
2196+00 TO 2208+00	-	-	17,353	705	1,339	-	392	-	-	-	2,000	2,430	-	-	-	245	272	-	-	12,700	2,209
2208+00 TO 2220+00	-	605	16,869	629	585	-	-	-	-	-	970	2,720	-	-	-	97	898	-	-	11,368	1,812
2220+00 TO 2228+50	-	-	1,223	-	-	-	-	-	-	239	-	5,090	-	247	-	-	-	-	-	796	157
<b>ALGONQUIN ROAD</b>																					
1331+00 TO 1341+00	-	201	6,319	604	530	-	362	-	-	-	790	3,180	-	106	-	120	-	-	5,230	-	1,430
1341+00 TO 1353+00	-	-	9,334	489	726	-	958	-	-	-	1,090	1,450	-	-	-	218	-	-	7,502	-	1,470
1353+00 TO 1364+00	3,935	2,956	12,568	683	1,031	-	781	19	-	-	1,360	1,120	-	-	-	224	-	-	8,298	-	2,494
1364+00 TO 1373+78	-	-	2,015	94	498	-	88	-	419	-	760	4,980	-	246	-	87	-	-	1,051	-	418
<b>BUNKER HILL DRIVE/HUNTINGTON DRIVE</b>																					
9+63 TO 16+00	1,332	811	4,753	551	81	-	379	-	-	-	-	3,310	-	-	-	70	-	4,354	-	-	489
19+50 TO 25+44	-	-	3,883	513	29	-	230	-	-	-	-	2,680	-	-	-	53	-	3,492	-	-	395
<b>STONEGATE ROAD</b>																					
92+80 TO 102+75	-	-	-	112	260	2,180	41	-	-	-	-	950	-	-	416	453	-	-	-	-	377
106+25 TO 117+35	-	-	-	153	345	2,311	-	-	-	-	-	1,040	-	-	468	485	-	-	-	-	475
<b>COMMERCIAL DRIVE (COSTCO/AMC)</b>																					
199+86 TO 201+70	-	-	1,007	19	5	-	-	-	-	-	-	850	-	-	-	55	902	-	-	-	102
<b>POLARIS DRIVE/ACORN LANE</b>																					
29+70 TO 40+70	-	-	5,094	364	84	-	584	-	-	-	-	3,910	-	-	-	116	4,654	-	-	-	499
<b>CRYSTAL LAKE ROAD</b>																					
409+14 TO 410+60	-	-	97	-	-	-	-	-	-	-	-	340	19	-	-	53	-	-	-	-	-
601+40 TO 606+31	-	-	507	31	33	-	104	369	-	-	-	1,650	84	-	-	236	-	-	-	-	176
<b>BIKE PATH</b>																					
500+00 TO 531+00 & 590+00 TO 592+00	-	-	-	125	3,424	-	44	-	-	-	7,680	30	-	-	-	580	-	-	-	-	97
<b>TOTAL</b>	<b>10,351</b>	<b>5,983</b>	<b>152,819</b>	<b>9,591</b>	<b>15,183</b>	<b>4,491</b>	<b>4,857</b>	<b>388</b>	<b>419</b>	<b>239</b>	<b>25,650</b>	<b>58,990</b>	<b>103</b>	<b>813</b>	<b>908</b>	<b>4,291</b>	<b>6,726</b>	<b>9,083</b>	<b>23,099</b>	<b>74,864</b>	<b>21,260</b>

• NOTE: SEE STRUCTURAL SCHEDULES FOR ADDITIONAL QUANTITIES OF AGGREGATE SUBGRADE IMPROVEMENT & PROTECTIVE COAT.

USER NAME = mrc155	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN\sh-t-schedule.dgn	DRAWN - KMD	REVISED -
PLOT SCALE = N.T.S.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 6 OF 7 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	46
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



ROADWAY ITEMS SCHEDULE CONTINUED

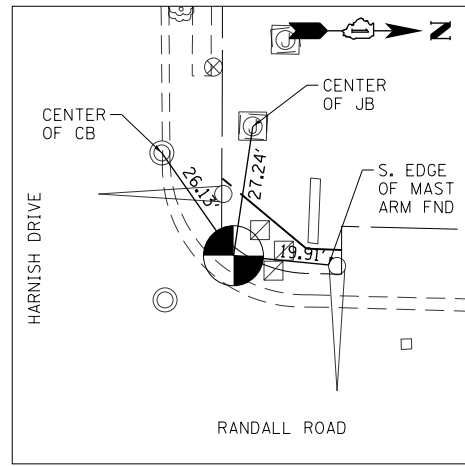
LOCATION	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH SQ YD	PORTLAND CEMENT CONCRETE SIDEWALK 5" SQ FT	DETECTABLE WARNINGS SQ FT	CLASS D PATCHES, TYPE IV, 6 INCH SQ YD	CLASS D PATCHES, TYPE IV, 9 INCH SQ YD	CLASS D PATCHES, TYPE IV, 17 INCH SQ YD	CLASS SI CONCRETE (OUTLET) CU YD	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24 FOOT	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18 FOOT	CONCRETE MEDIAN SURFACE, 4 INCH SQ FT	CONCRETE MEDIAN SURFACE, 6 INCH SQ FT	CONCRETE MEDIAN, TYPE SB-6.12 SQ FT	CONCRETE MEDIAN, TYPE SB-6.24 SQ FT	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80 TON	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED) SQ YD	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED) SQ YD	DETECTABLE WARNINGS (SPECIAL) SQ FT	CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL) SQ FT	BASE STABILIZATION, 10" SQ YD
RANDALL ROAD																						
2139+35 TO 2148+00	-	8,374.00	109.00	-	-	854	-	-	2,490.00	-	-	-	-	-	-	666.00	535	-	-	-	1,497.00	-
2148+00 TO 2160+00	-	7,810.50	-	-	-	-	-	-	4,550.50	-	-	-	-	-	-	740.00	-	-	-	-	238.00	-
2160+00 TO 2172+00	337	8,863.50	224.50	-	-	-	-	270.00	2,973.00	-	-	-	-	-	-	557	-	-	3,478	-	4,854	-
2172+00 TO 2184+00	140	6,794.50	156.00	-	-	-	-	1,205.00	3,177.00	-	-	-	2,342	-	-	1,112	-	-	2,878	-	2,391	-
2184+00 TO 2196+00	761	8,787.50	284.00	-	-	-	-	1,205.00	2,755.00	-	-	-	1,532	-	-	556	-	-	5,975	-	6,684	-
2196+00 TO 2208+00	429	6,341.50	238.00	-	-	-	-	1,105.00	2,905.50	-	-	-	3,956	-	-	1,670	-	-	2,698	-	2,988	-
2208+00 TO 2220+00	-	5,648.00	154.50	-	-	-	-	-	3,297.00	-	-	-	1,589	-	-	1,242	-	-	2,961	-	3,306	-
2220+00 TO 2228+50	-	-	-	-	-	564	5.00	-	411.50	-	-	-	-	-	-	144	580	-	-	-	-	-
ALGONQUIN ROAD																						
1331+00 TO 1341+00	168	5,427.50	50.00	-	358	-	-	427.50	1,977.50	392.00	-	-	-	3,918	859	-	262	129	-	-	445	-
1341+00 TO 1353+00	895	4,396.00	204.00	-	76	-	-	1,134.50	1,601.00	-	-	-	580	-	1,949	150	-	771	-	-	3,251	-
1353+00 TO 1364+00	787	6,145.50	314.00	-	-	-	-	1,337.00	2,247.50	388.50	332.50	-	2,480	6,542	886	-	-	2,774	-	-	1,295	-
1364+00 TO 1373+78	429	835.00	77.00	-	544	-	-	316.50	976.50	-	-	-	88	-	-	-	578	330	-	-	-	-
BUNKER HILL DRIVE/HUNTINGTON DRIVE																						
9+63 TO 16+00	281	4,954.00	-	-	-	-	-	432.00	1,100.50	-	-	-	106	-	-	-	-	-	-	-	145.50	-
19+50 TO 25+44	92	4,614.00	-	-	-	-	-	166.50	1,041.00	-	-	-	-	-	-	-	-	-	-	-	45.00	-
STONEGATE ROAD																						
92+80 TO 102+75	585	1,000.00	-	-	-	-	-	1,527.50	-	-	-	-	-	-	211	-	-	-	-	-	-	4,035
106+25 TO 117+35	311	1,376.50	-	-	11	-	-	1,947.00	-	-	-	-	-	-	217	-	-	-	-	-	53.50	4,279
COMMERCIAL DRIVE (COSTCO/AMC)																						
199+86 TO 201+70	-	167.50	39.00	-	-	-	-	411.50	-	-	-	-	59	-	-	-	-	-	-	-	-	-
POLARIS DRIVE/ACORN LANE																						
29+70 TO 40+70	302	3,269.50	143.00	-	-	-	-	830.00	895.50	-	-	-	-	-	-	-	-	-	-	-	-	-
CRYSTAL LAKE ROAD																						
409+14 TO 410+60	-	-	-	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
601+40 TO 606+31	92	278.00	45.50	178	-	-	-	359.50	270.00	-	-	-	-	-	-	-	-	-	-	-	-	-
BIKE PATH																						
500+00 TO 531+00 & 590+00 TO 592+00	29	1,117.00	-	-	-	-	-	65.50	-	-	-	277.00	-	-	-	-	-	-	-	-	80.00	-
TOTAL	5,638	86,200.00	2,038.50	224	989	1,418	5.00	12,740.00	32,669.00	780.50	332.50	277.00	12,732	10,460	4,122	6,837	1,955	4,004	17,990	324.00	26,949	8,314

USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN\sh-t-schedule.dgn	DRAWN - KMD	REVISED -
PLOT SCALE = 1"=10'	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

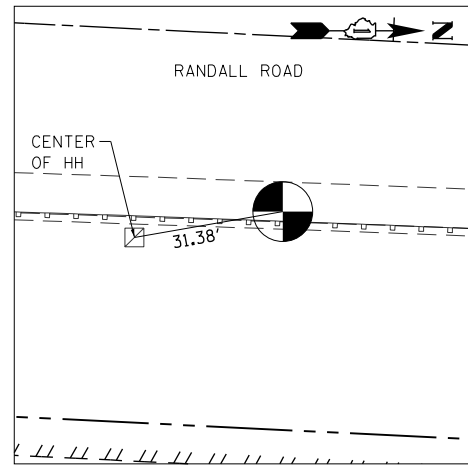
SCHEDULE OF QUANTITIES  
SCALE: NONE SHEET 7 OF 7 SHEETS

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	47
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E53	



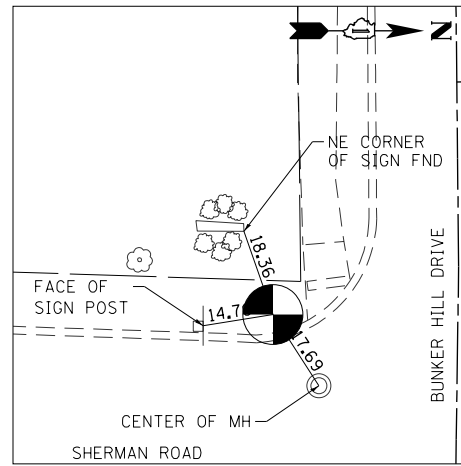
**CONTROL POINT #10**

5/8" REBAR AT NORTHWEST CORNER OF RANDALL ROAD AND HARNISH DRIVE  
 STA 2139+20.83 73.31' LT  
 N. 2,001,386.09, E. 983,560.72



**CONTROL POINT #9**

MAG NAIL FOUND AT EAST SIDE OF RANDALL ROAD  
 STA 2152+78.76 36.55' RT  
 N. 2,002,738.89 E. 983,730.78



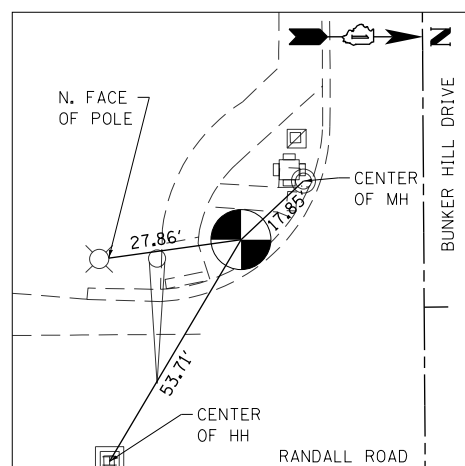
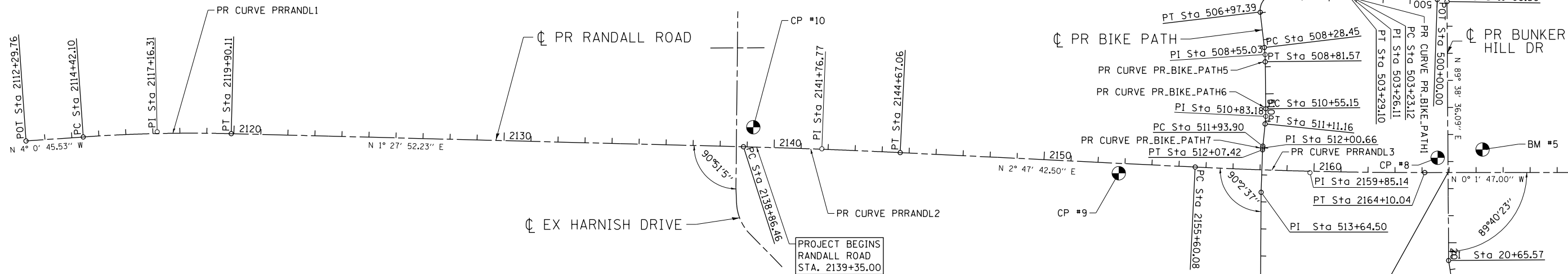
**CONTROL POINT #35**

5/8" REBAR AT SOUTHWEST CORNER OF BUNKER HILL DRIVE AND SHERMAN ROAD  
 STA 2164+54.97 692.17' LT  
 N. 2,003,915.86 E. 983,036.30

PROP. CURVE PRRANDL1  
 PI STA. = 2117+16.31  
 $\Delta = 5^\circ 28' 38''$  (RT)  
 $D = 0^\circ 59' 58''$   
 $R = 5,732.68'$   
 $T = 274.21'$   
 $L = 548.01'$   
 $E = 6.55'$   
 P.C. STA. = 2114+42.10  
 P.T. STA. = 2119+90.11

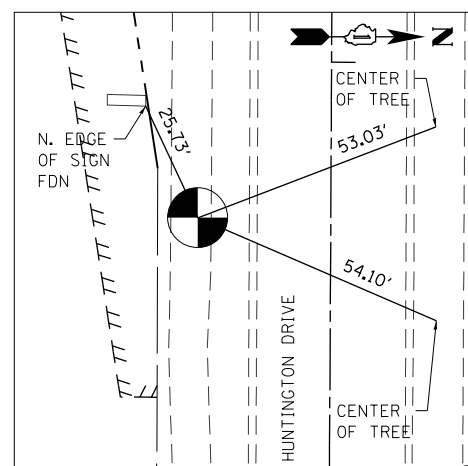
PROP. CURVE PRRANDL2  
 PI STA. = 2141+76.77  
 $\Delta = 1^\circ 19' 50''$  (RT)  
 $D = 0^\circ 13' 45''$   
 $R = 25,000.00'$   
 $T = 290.31'$   
 $L = 580.60'$   
 $E = 1.69'$   
 P.C. STA. = 2138+86.46  
 P.T. STA. = 2144+67.06

PROP. CURVE PRRANDL3  
 PI STA. = 2159+85.14  
 $\Delta = 2^\circ 49' 30''$  (LT)  
 $D = 0^\circ 19' 56''$   
 $R = 17,239.52'$   
 $T = 425.07'$   
 $L = 849.96'$   
 $E = 5.24'$   
 P.C. STA. = 2155+60.08  
 P.T. STA. = 2164+10.04



**CONTROL POINT #8**

5/8" REBAR AT SOUTHWEST CORNER OF RANDALL ROAD AND BUNKER HILL DRIVE  
 STA 2164+57.85 54.72' LT  
 N. 2,003,919.07 E. 983,673.75



**CONTROL POINT #107**

SET MAG NAIL IN SOUTH SIDE OF HUNTINGTON DRIVE  
 STA 2165+05.37 689.01' RT  
 N. 2,003,966.97 E. 984,417.45

PROP. CURVE PR\_BIKE\_PATH1  
 PI STA. = 503+26.11  
 $\Delta = 5^\circ 42' 38''$  (LT)  
 $D = 95^\circ 29' 35''$   
 $R = 60.00'$   
 $T = 2.99'$   
 $L = 5.98'$   
 $E = 0.07'$   
 P.C. STA. = 503+23.12  
 P.T. STA. = 503+29.10

PROP. CURVE PR\_BIKE\_PATH2  
 PI STA. = 503+50.98  
 $\Delta = 11^\circ 25' 16''$  (RT)  
 $D = 95^\circ 29' 35''$   
 $R = 60.00'$   
 $T = 6.00'$   
 $L = 11.96'$   
 $E = 0.30'$   
 P.C. STA. = 503+44.98  
 P.T. STA. = 503+56.94

PROP. CURVE PR\_BIKE\_PATH3  
 PI STA. = 503+75.81  
 $\Delta = 5^\circ 42' 38''$  (LT)  
 $D = 95^\circ 29' 35''$   
 $R = 60.00'$   
 $T = 2.99'$   
 $L = 5.98'$   
 $E = 0.07'$   
 P.C. STA. = 503+72.82  
 P.T. STA. = 503+78.80

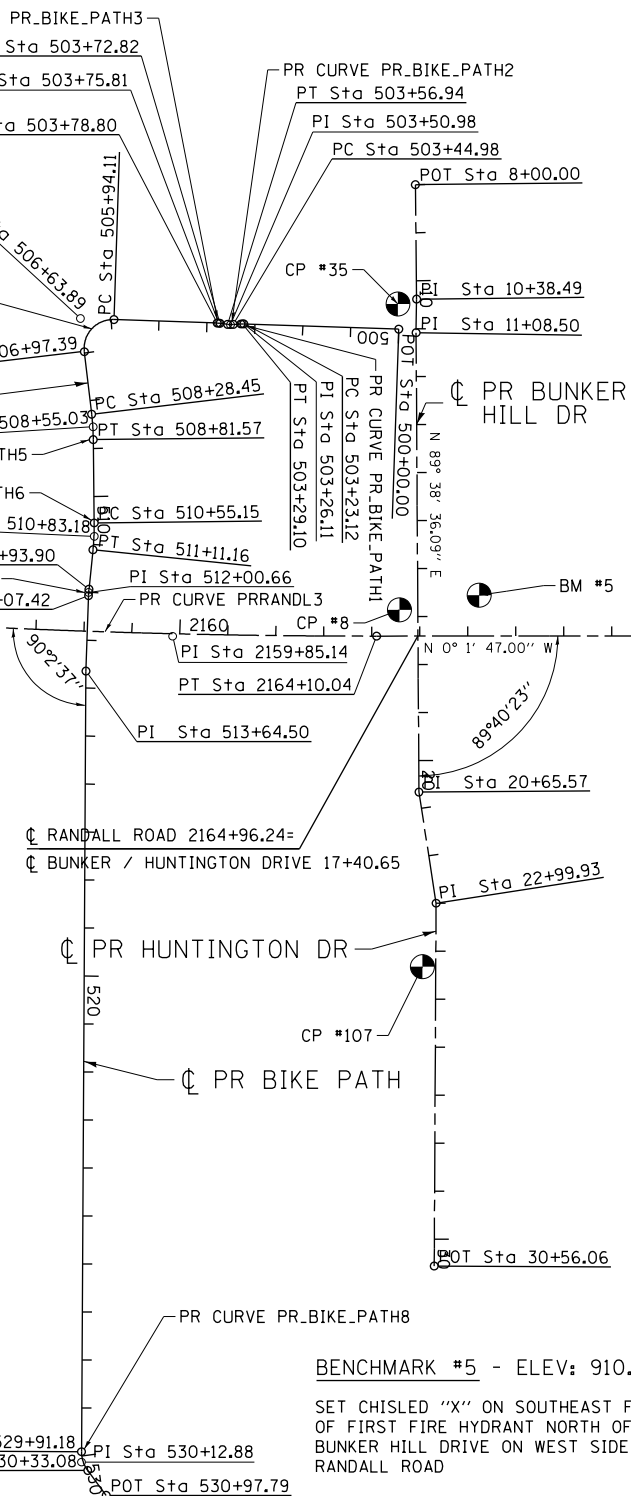
PROP. CURVE PR\_BIKE\_PATH4  
 PI STA. = 506+63.89  
 $\Delta = 98^\circ 37' 28''$  (LT)  
 $D = 95^\circ 29' 35''$   
 $R = 60.00'$   
 $T = 69.79'$   
 $L = 103.28'$   
 $E = 32.03'$   
 P.C. STA. = 505+94.11  
 P.T. STA. = 506+97.39

PROP. CURVE PR\_BIKE\_PATH5  
 PI STA. = 508+55.03  
 $\Delta = 6^\circ 05' 13''$  (RT)  
 $D = 11^\circ 27' 33''$   
 $R = 500.00'$   
 $T = 26.58'$   
 $L = 53.12'$   
 $E = 0.71'$   
 P.C. STA. = 508+28.45  
 P.T. STA. = 508+81.57

PROP. CURVE PR\_BIKE\_PATH6  
 PI STA. = 510+83.18  
 $\Delta = 6^\circ 25' 06''$  (RT)  
 $D = 11^\circ 27' 33''$   
 $R = 500.00'$   
 $T = 28.03'$   
 $L = 56.01'$   
 $E = 0.79'$   
 P.C. STA. = 510+55.15  
 P.T. STA. = 511+11.16

PROP. CURVE PR\_BIKE\_PATH7  
 PI STA. = 512+00.66  
 $\Delta = 3^\circ 52' 29''$  (LT)  
 $D = 28^\circ 38' 52''$   
 $R = 200.00'$   
 $T = 6.77'$   
 $L = 13.52'$   
 $E = 0.11'$   
 P.C. STA. = 511+93.90  
 P.T. STA. = 512+07.42

PROP. CURVE PR\_BIKE\_PATH8  
 PI STA. = 530+12.88  
 $\Delta = 36^\circ 55' 58''$  (LT)  
 $D = 88^\circ 08' 50''$   
 $R = 65.00'$   
 $T = 21.71'$   
 $L = 41.90'$   
 $E = 3.53'$   
 P.C. STA. = 529+91.18  
 P.T. STA. = 530+33.08



BENCHMARK #5 - ELEV: 910.99

SET CHISLED "X" ON SOUTHEAST FLANGE BOLT OF FIRST FIRE HYDRANT NORTH OF BUNKER HILL DRIVE ON WEST SIDE OF RANDALL ROAD



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN-sht-ATB1.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 400.0000' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

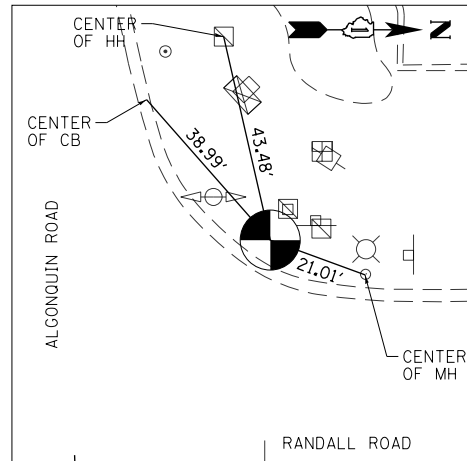
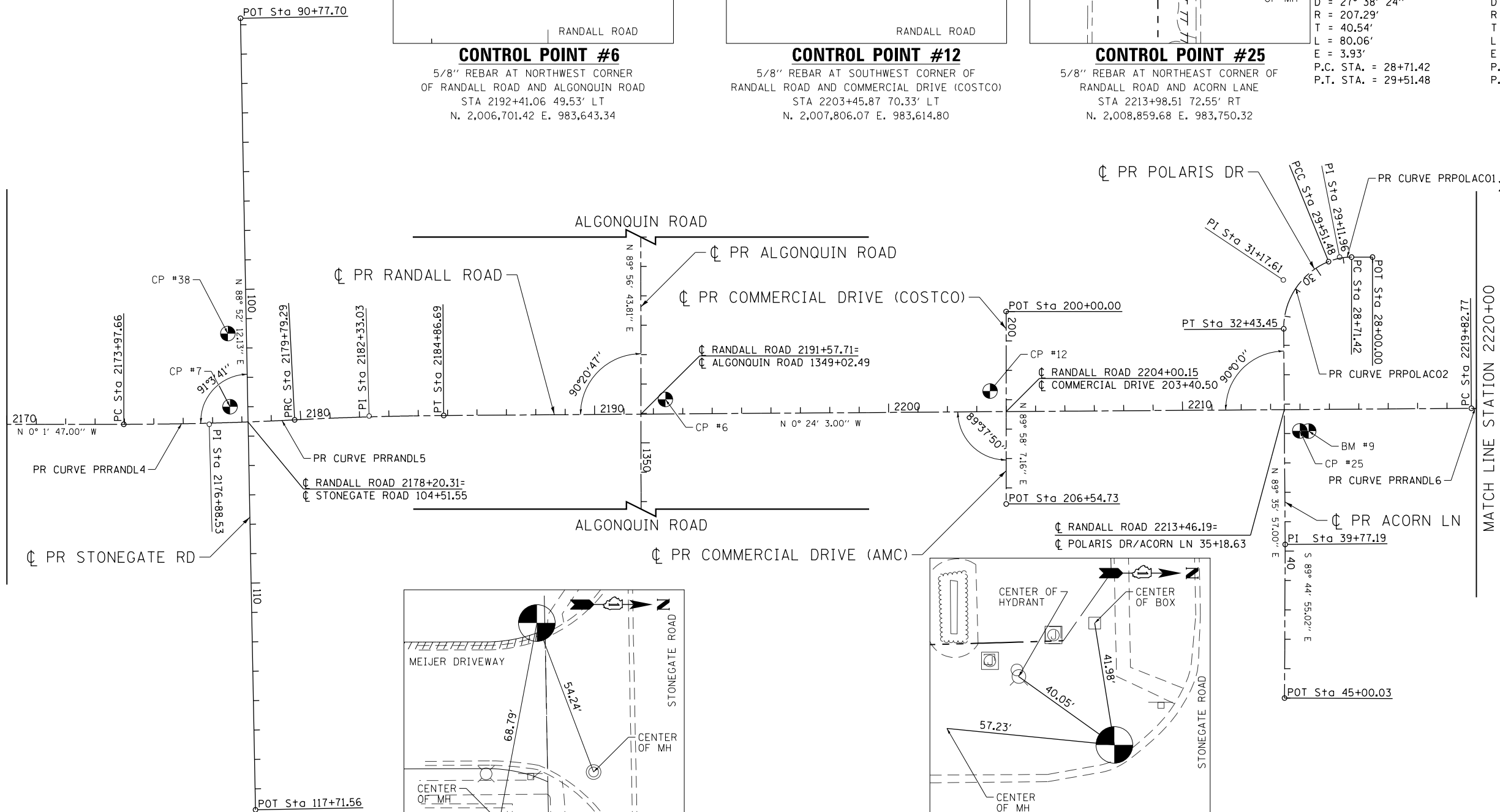
<b>ALIGNMENT, TIES AND BENCHMARKS</b>			
FAP RTE	SECTION	COUNTY	TOTAL SHEETS
336	06-00329-01-PW	MCHENRY	1751
SCALE: 1" = 200'			SHEET NO.
SHEET 1 OF 6 SHEETS			48
STA 2112+00 TO STA 2170+00			CONTRACT NO. 61E53
ILLINOIS FED. AID PROJECT			

MATCH LINE STATION 2170+00  
SEE SHEET NO. 49

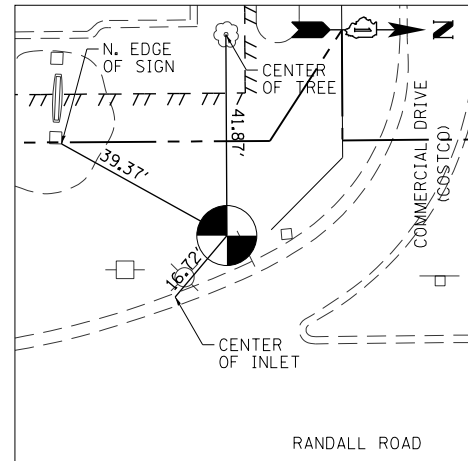




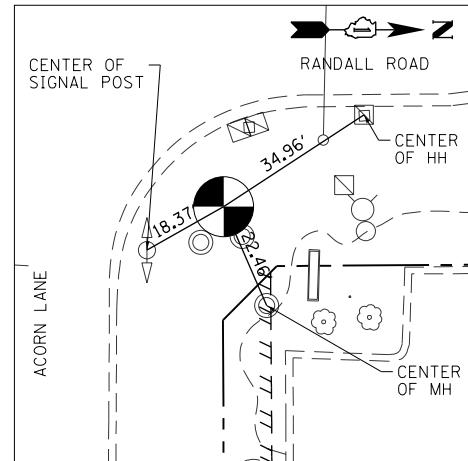
MATCH LINE STATION 2170+00  
SEE SHEET NO. 48



**CONTROL POINT #6**  
5/8" REBAR AT NORTHWEST CORNER  
OF RANDALL ROAD AND ALGONQUIN ROAD  
STA 2192+41.06 49.53' LT  
N. 2,006,701.42 E. 983,643.34



**CONTROL POINT #12**  
5/8" REBAR AT SOUTHWEST CORNER OF  
RANDALL ROAD AND COMMERCIAL DRIVE (COSTCO)  
STA 2203+45.87 70.33' LT  
N. 2,007,806.07 E. 983,614.80



**CONTROL POINT #25**  
5/8" REBAR AT NORTHEAST CORNER OF  
RANDALL ROAD AND ACORN LANE  
STA 2213+98.51 72.55' RT  
N. 2,008,859.68 E. 983,750.32

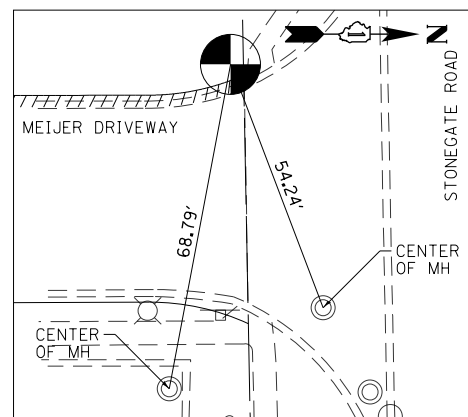
PROP. CURVE PRRANDL4  
PI STA. = 2176+88.53  
 $\Delta = 2^\circ 54' 29''$  (LT)  
D =  $0^\circ 30' 00''$   
R = 11,460.00'  
T = 290.88'  
L = 581.63'  
E = 3.69'  
P.C. STA. = 2173+97.66  
P.T. STA. = 2179+79.29

PROP. CURVE PRRANDL5  
PI STA. = 2182+33.03  
 $\Delta = 2^\circ 32' 13''$  (RT)  
D =  $0^\circ 30' 00''$   
R = 11,460.00'  
T = 253.74'  
L = 507.41'  
E = 2.81'  
P.C. STA. = 2179+79.29  
P.T. STA. = 2184+86.69

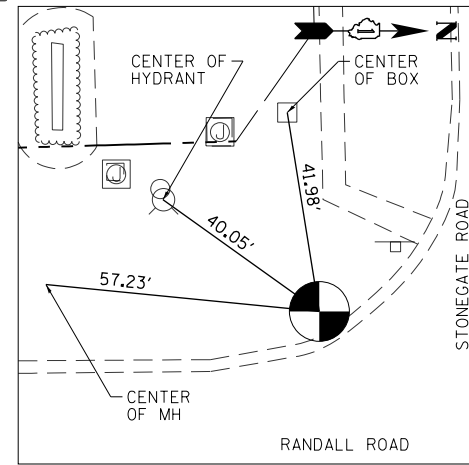
PROP. CURVE PRRANDL6  
PI STA. = 2221+79.87  
 $\Delta = 2^\circ 49' 21''$  (LT)  
D =  $0^\circ 42' 58''$   
R = 8,000.00'  
T = 197.09'  
L = 394.11'  
E = 2.43'  
P.C. STA. = 2219+82.77  
P.T. STA. = 2223+76.88

PROP. CURVE PR-POLAC01  
PI STA. = 29+11.96  
 $\Delta = 22^\circ 07' 46''$  (LT)  
D =  $27^\circ 38' 24''$   
R = 207.29'  
T = 40.54'  
L = 80.06'  
E = 3.93'  
P.C. STA. = 28+71.42  
P.T. STA. = 29+51.48

PROP. CURVE PR-POLAC02  
PI STA. = 31+17.61  
 $\Delta = 68^\circ 16' 47''$  (LT)  
D =  $23^\circ 23' 10''$   
R = 245.00'  
T = 166.13'  
L = 291.97'  
E = 51.01'  
P.C. STA. = 29+51.48  
P.T. STA. = 32+43.45



**CONTROL POINT #38**  
5/8" REBAR AT SOUTHWEST CORNER  
OF STONEGATE ROAD AND 1st DRIVE W. OF RANDALL ROAD  
STA 2177+61.45 302.93' LT  
N. 2,005,212.86 E. 983,419.25



**CONTROL POINT #7**  
5/8" REBAR AT SOUTHWEST CORNER  
OF RANDALL ROAD AND STONEGATE ROAD  
STA 2177+60.82 54.03' LT  
N. 2,005,220.26 E. 983,668.03

**BENCHMARK #9 - ELEV: 849.65**  
SET CHISLED "X" ON N.E. FLANGE  
BOLT OF FIRE HYDRANT IN THE  
NORTHEAST QUADRANT OF  
ACORN LANE AND RANDALL ROAD

NOTE:  
FOR ALGONQUIN ROAD CONTROL POINT  
INFORMATION SEE SHEET 52

N  $0^\circ 1' 47.00''$  W

N  $0^\circ 24' 3.00''$  W

N  $89^\circ 58' 7.16''$  E

N  $89^\circ 35' 57.00''$  E

S  $89^\circ 44' 55.02''$  E



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN-sht-ATB2.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 400.0000' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 200' SHEET 2 OF 6 SHEETS STA 2170+00 TO STA 2220+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	49
			CONTRACT NO.	61E53
ILLINOIS FED. AID PROJECT				

PROP. CURVE PRRANDL6  
 PI STA. = 2221+79.87  
 $\Delta = 2^\circ 49' 21''$  (LT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 197.09'$   
 $L = 394.11'$   
 $E = 2.43'$   
 P.C. STA. = 2219+82.77  
 P.T. STA. = 2223+76.88

PROP. CURVE PRRANDL7  
 PI STA. = 2225+75.56  
 $\Delta = 2^\circ 50' 43''$  (RT)  
 $D = 0^\circ 42' 58''$   
 $R = 7,999.87'$   
 $T = 198.68'$   
 $L = 397.27'$   
 $E = 2.47'$   
 P.C. STA. = 2223+76.88  
 P.T. STA. = 2227+74.15

PROP. CURVE PRRANDL8  
 PI STA. = 2232+86.48  
 $\Delta = 2^\circ 17' 53''$  (LT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 160.47'$   
 $L = 320.89'$   
 $E = 1.61'$   
 P.C. STA. = 2231+26.02  
 P.T. STA. = 2234+46.90

PROP. CURVE PRRANDL9  
 PI STA. = 2236+14.07  
 $\Delta = 2^\circ 23' 39''$  (RT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 167.16'$   
 $L = 334.28'$   
 $E = 1.75'$   
 P.C. STA. = 2234+46.90  
 P.T. STA. = 2237+81.18

PROP. CURVE PRVILG1  
 PI STA. = 75+24.48  
 $\Delta = 15^\circ 18' 36''$  (RT)  
 $D = 7^\circ 30' 08''$   
 $R = 763.72'$   
 $T = 102.65'$   
 $L = 204.07'$   
 $E = 6.87'$   
 P.C. STA. = 74+21.84  
 P.T. STA. = 76+25.91

PROP. CURVE PRVILG2  
 PI STA. = 72+08.16  
 $\Delta = 7^\circ 05' 36''$  (LT)  
 $D = 5^\circ 52' 37''$   
 $R = 974.94'$   
 $T = 60.43'$   
 $L = 120.70'$   
 $E = 1.87'$   
 P.C. STA. = 71+47.73  
 P.T. STA. = 72+68.43

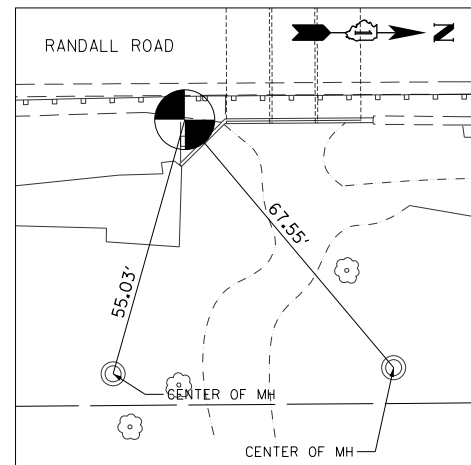
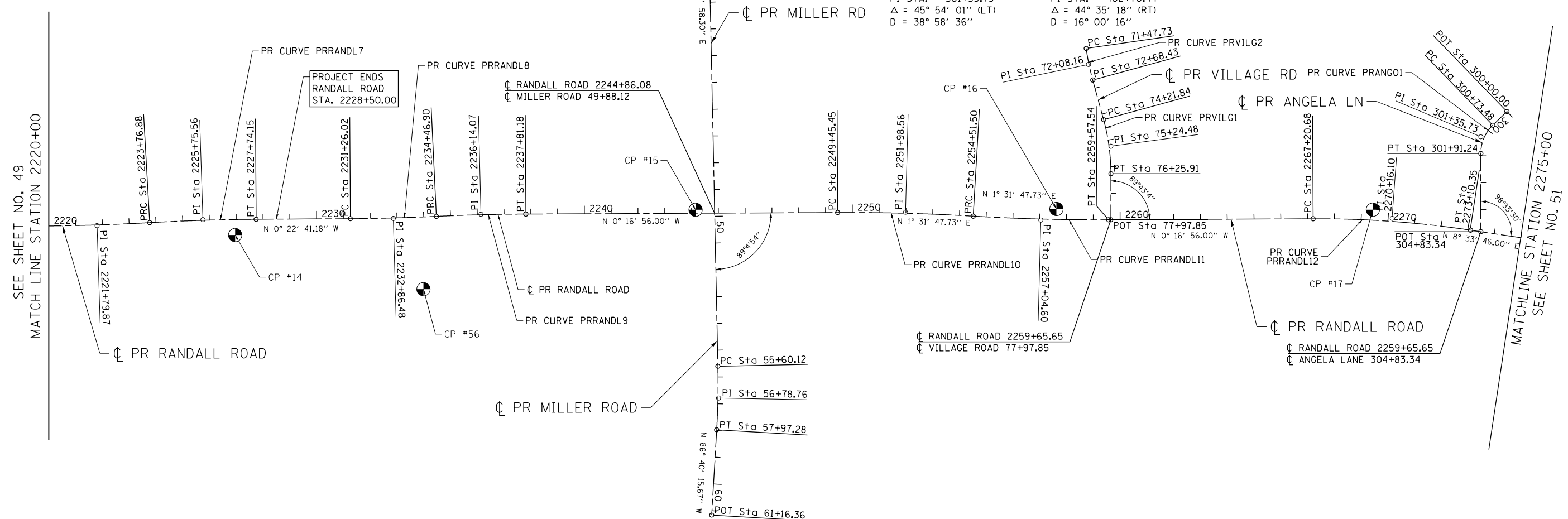
PROP. CURVE PRRANDL10  
 PI STA. = 2251+98.56  
 $\Delta = 3^\circ 37' 27''$  (RT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 253.11'$   
 $L = 506.05'$   
 $E = 4.00'$   
 P.C. STA. = 2249+45.45  
 P.T. STA. = 2254+51.50

PROP. CURVE PRRANDL11  
 PI STA. = 2257+04.60  
 $\Delta = 3^\circ 37' 27''$  (LT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 253.11'$   
 $L = 506.05'$   
 $E = 4.00'$   
 P.C. STA. = 2254+51.50  
 P.T. STA. = 2259+57.54

PROP. CURVE PRRANDL12  
 PI STA. = 2270+16.10  
 $\Delta = 8^\circ 50' 42''$  (RT)  
 $D = 1^\circ 30' 00''$   
 $R = 3,819.72'$   
 $T = 295.42'$   
 $L = 589.67'$   
 $E = 11.41'$   
 $e = 2.80'$   
 $T.R. = 103$   
 $S.E. RUN = 138$   
 P.C. STA. = 2267+20.68  
 P.T. STA. = 2273+10.35

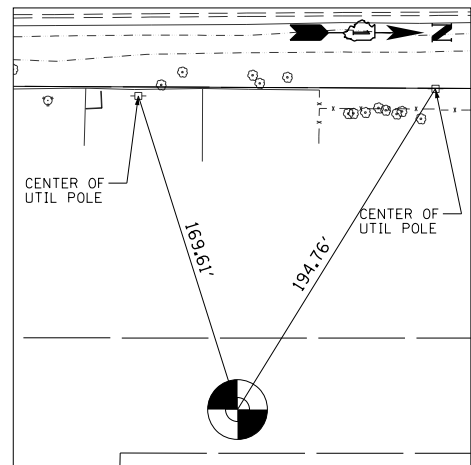
PROP. CURVE PRANGO1  
 PI STA. = 301+35.73  
 $\Delta = 45^\circ 54' 01''$  (LT)  
 $D = 38^\circ 58' 36''$

PROP. CURVE PRALXO1  
 PI STA. = 402+70.44  
 $\Delta = 44^\circ 35' 18''$  (RT)  
 $D = 16^\circ 00' 16''$



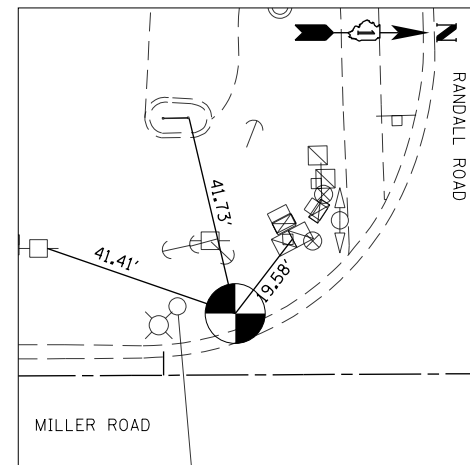
**CONTROL POINT #14**

5/8" REBAR ALONG EAST SIDE OF RANDALL ROAD NORTH OF ACORN LANE  
 STA 2226+95.10 58.04' RT  
 N. 2,010,156.24 E. 983,707.69



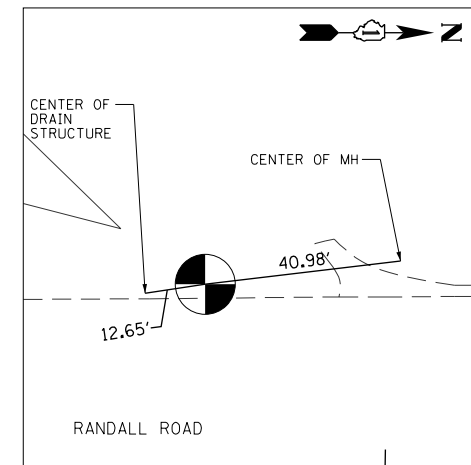
**CONTROL POINT #56**

SET MAG NAIL REBAR ALONG EAST SIDE OF RANDALL ROAD SOUTH OF MILLER ROAD  
 STA 2233+88.38 269.73' RT  
 N. 2,010,859.09 E. 983,909.91



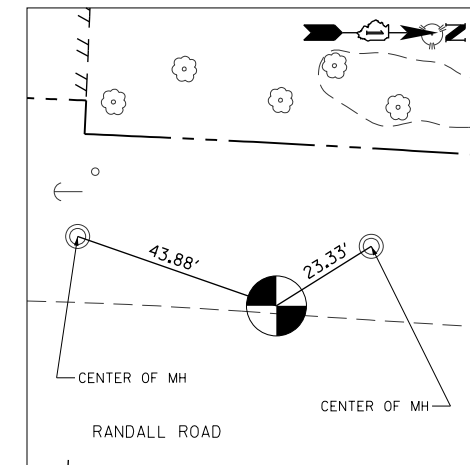
**CONTROL POINT #15**

5/8" REBAR AT SOUTHWEST CORNER OF RANDALL ROAD AND MILLER ROAD  
 STA 2244+14.97 12.79' LT  
 N. 2,011,874.79 E. 983,613.32



**CONTROL POINT #16**

5/8" REBAR ALONG WEST SIDE OF RANDALL ROAD SOUTH OF VILLAGE ROAD  
 STA 2257+61.77 38.81' LT  
 N. 2,013,221.89 E. 983,610.29



**CONTROL POINT #17**

5/8" REBAR ALONG THE WEST SIDE OF RANDALL ROAD SOUTH OF ANGELA LANE  
 STA 2269+41.55 39.12' LT  
 N. 2,014,402.86 E. 983,612.99



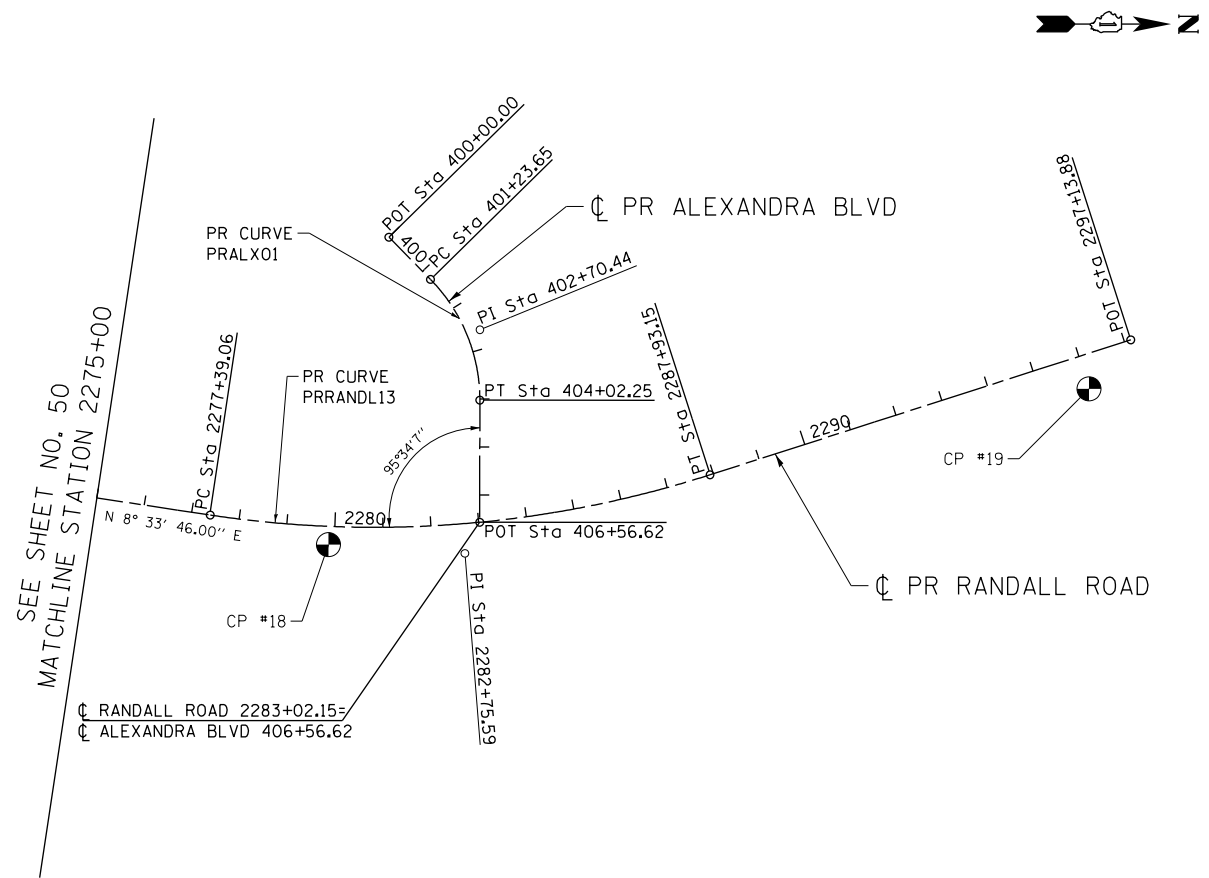
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

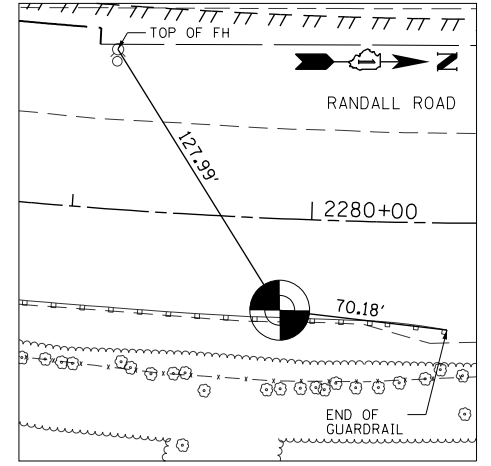
SCALE: 1" = 200' SHEET 3 OF 6 SHEETS STA 2275+00 TO STA 2299+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	50
			CONTRACT NO.	61E53
ILLINOIS FED. AID PROJECT				

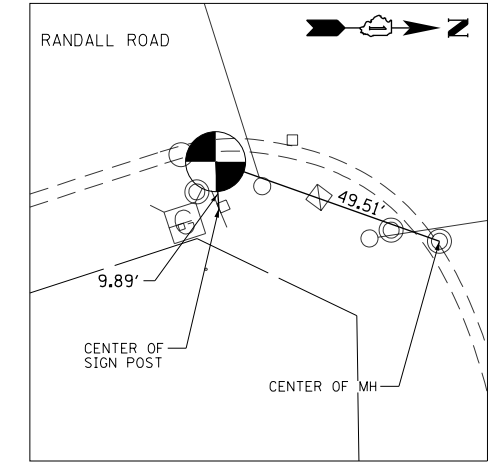


SEE SHEET NO. 50  
MATCHLINE STATION 2275+00

PROP. CURVE PRRANDL13  
 PI STA. = 2282+75.59  
 $\Delta$  = 26° 20' 33" (LT)  
 D = 2° 29' 57"  
 R = 2,292.68'  
 T = 536.53'  
 L = 1,054.09'  
 E = 61.94'  
 e = 4.00%  
 T.R. = 100  
 S.E. RUN = 192  
 P.C. STA. = 2277+39.06  
 P.T. STA. = 2287+93.15



**CONTROL POINT #18**  
 MAG NAIL ALONG THE EAST SIDE  
 OF RANDALL ROAD  
 STA 2279+88.20 38.17' RT  
 N. 2,015,437.83 E. 983,814.91



**CONTROL POINT #19**  
 5/8" REBAR ALONG THE EAST SIDE OF  
 RANDALL ROAD  
 STA 2295+99.82 70.65' RT  
 N. 2,017,022.66 E. 983,490.13



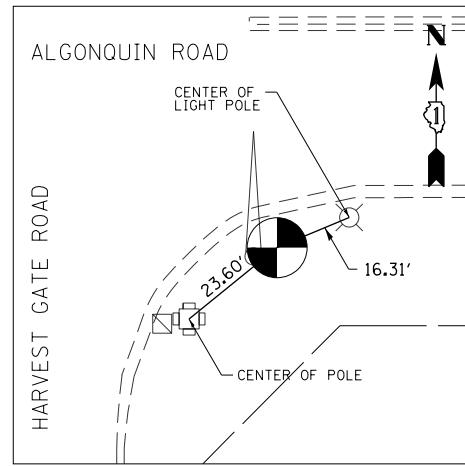
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

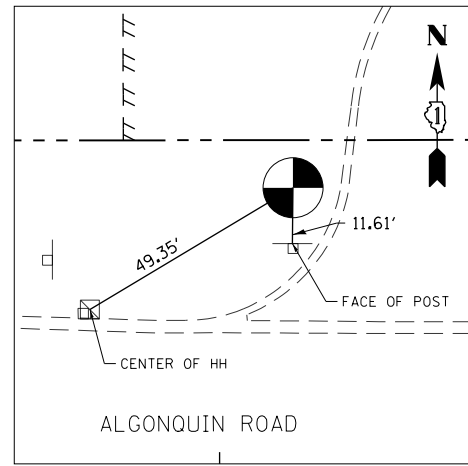
SCALE: 1" = 200' SHEET 4 OF 6 SHEETS STA 2275+00 TO STA 2299+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	51
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



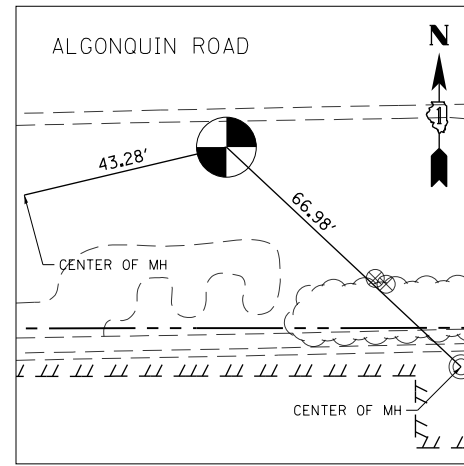
**CONTROL POINT #29**

5/8" REBAR AT SOUTHEAST CORNER  
OF ALGONQUIN ROAD AND HARVEST GATE ROAD  
STA 1331+03.25 53.22' RT  
N. 2,006,563.50 E. 981,894.27



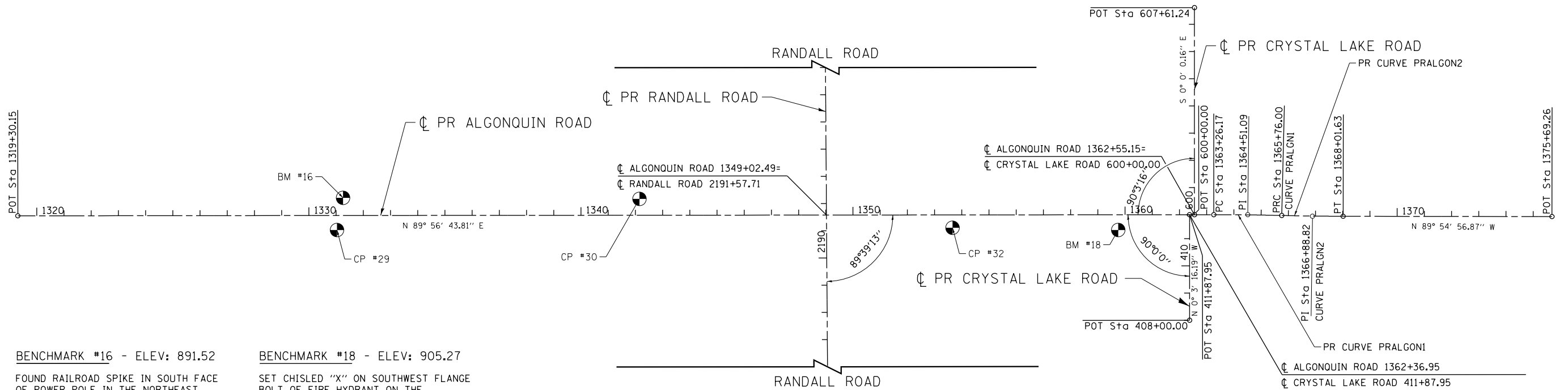
**CONTROL POINT #30**

5/8" REBAR ALONG NORTH SIDE OF  
ALGONQUIN ROAD WEST OF RANDALL ROAD  
STA 1342+15.36 60.07' LT  
N. 2,006,677.85 E. 983,006.27



**CONTROL POINT #32**

5/8" REBAR ALONG SOUTH SIDE OF  
ALGONQUIN ROAD EAST OF RANDALL ROAD  
STA 1353+65.69 47.28' RT  
N. 2,006,571.59 E. 984,156.70



**BENCHMARK #16 - ELEV: 891.52**

FOUND RAILROAD SPIKE IN SOUTH FACE  
OF POWER POLE IN THE NORTHEAST  
QUADRANT OF HARVEST GATE ROAD  
AND ALGONQUIN ROAD

**BENCHMARK #18 - ELEV: 905.27**

SET CHISLED "X" ON SOUTHWEST FLANGE  
BOLT OF FIRE HYDRANT ON THE  
SOUTH SIDE OF ALGONQUIN ROAD  
JUST EAST OF ENTRANCE TO  
DISCOUNT TIRE COMPANY STORE

PROP. CURVE PRALGN1  
PI STA. = 1364+51.09  
Δ = 1° 25' 53" (RT)  
D = 0° 34' 23"  
R = 10,000.00'  
T = 124.92'  
L = 249.83'  
E = 0.78'  
P.C. STA. = 1363+26.17  
P.T. STA. = 1365+76.00

PROP. CURVE PRALGN2  
PI STA. = 1366+88.82  
Δ = 1° 17' 34" (LT)  
D = 0° 34' 23"  
R = 10,000.00'  
T = 112.82'  
L = 225.63'  
E = 0.64'  
P.C. STA. = 1365+76.00  
P.T. STA. = 1368+01.63



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
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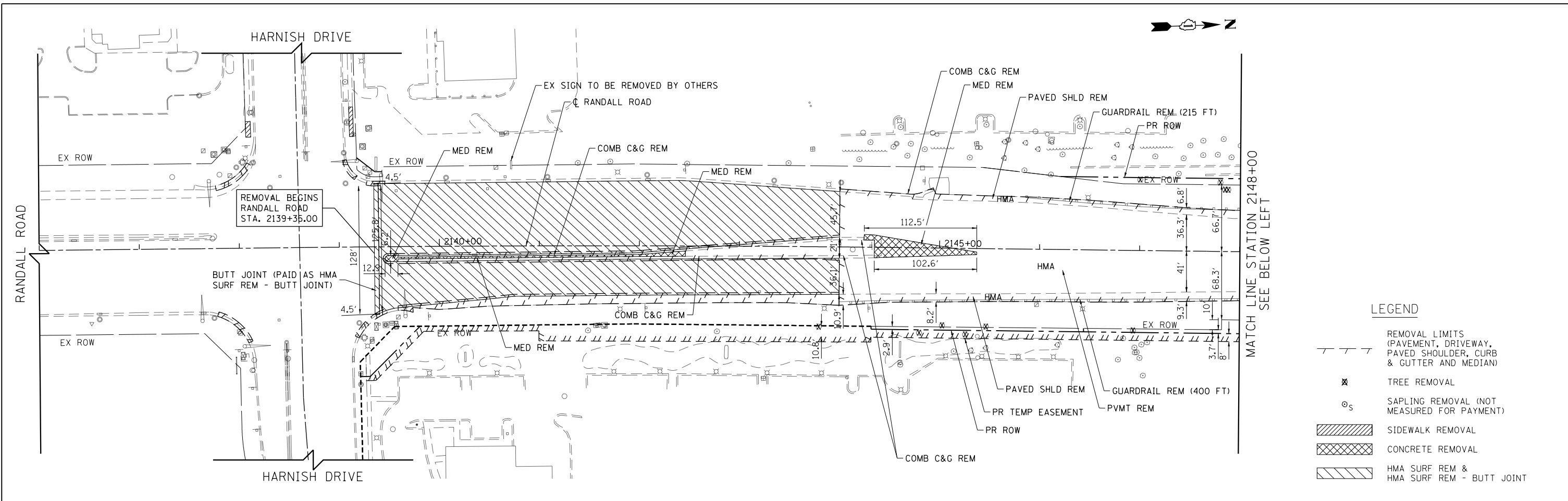
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS**

SCALE: 1" = 200' SHEET 5 OF 6 SHEETS STA 1320+00 TO STA 1375+00

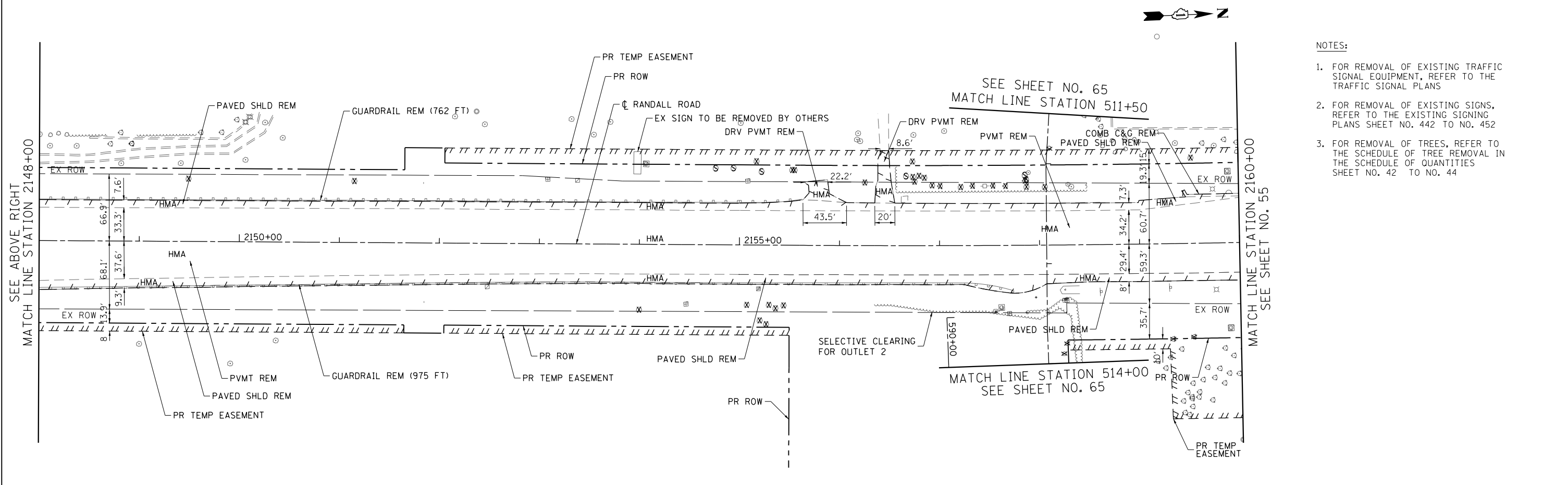
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	52
			CONTRACT NO.	61E53
ILLINOIS FED. AID PROJECT				





**LEGEND**

	REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
	TREE REMOVAL
	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIDEWALK REMOVAL
	CONCRETE REMOVAL
	HMA SURF REM & HMA SURF REM - BUTT JOINT



- NOTES:**
- FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  - FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  - FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44

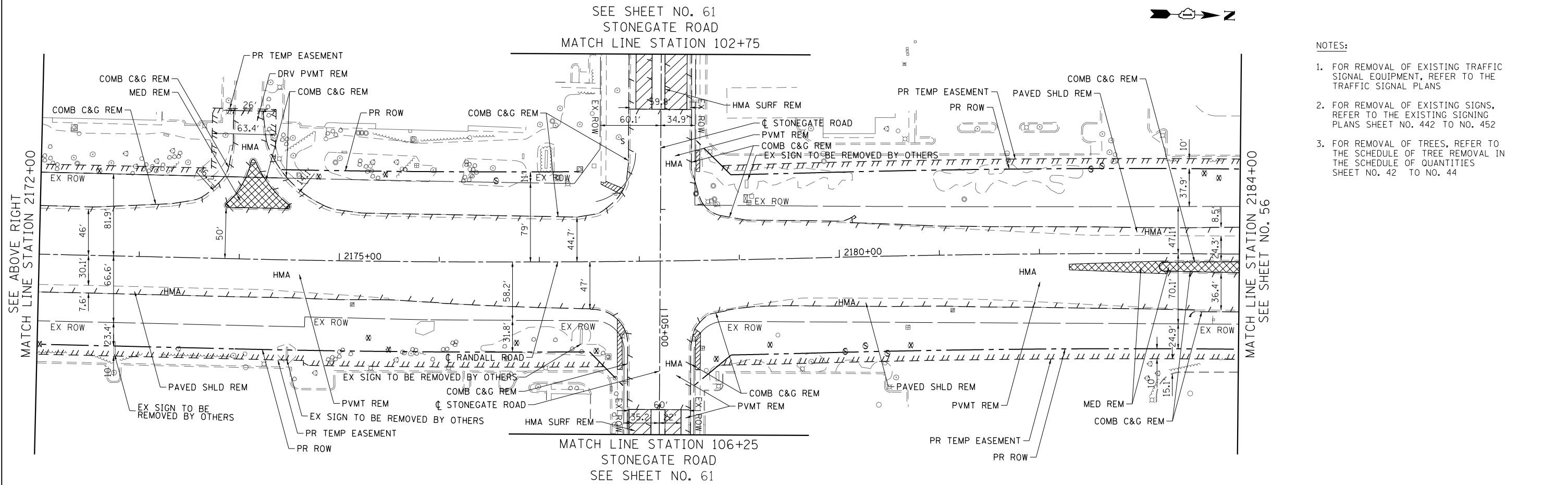
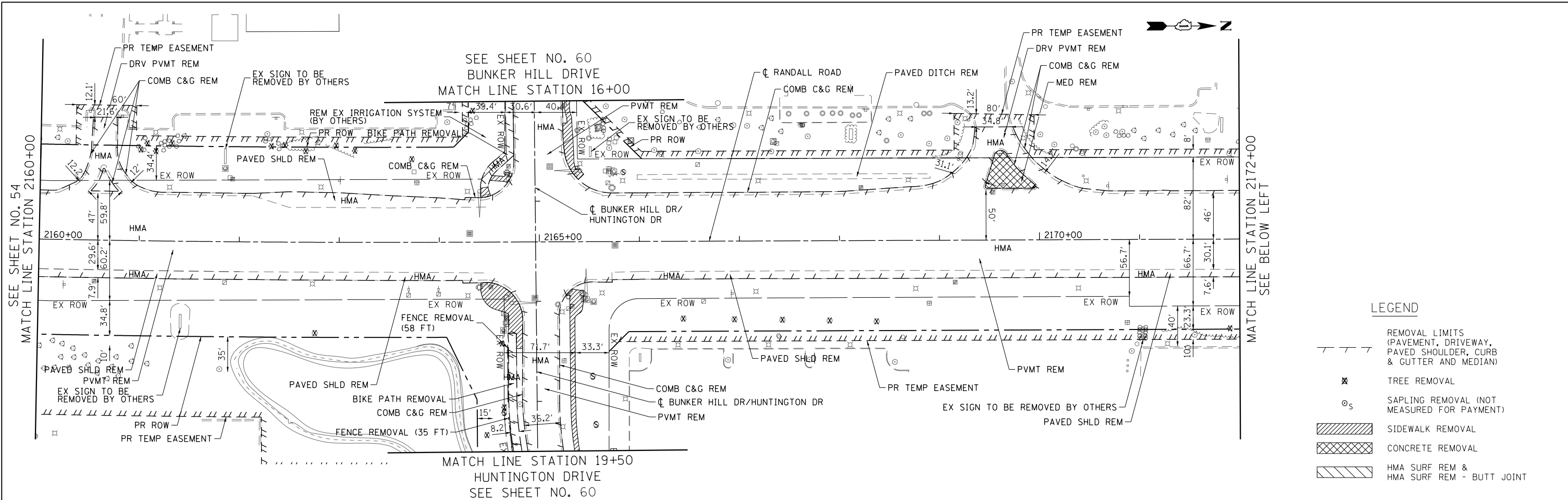
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD REMOVAL PLAN**

SCALE: 1" = 50' SHEET 1 OF 13 SHEETS STA 2136+00 TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	54
			CONTRACT NO.	61E53
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

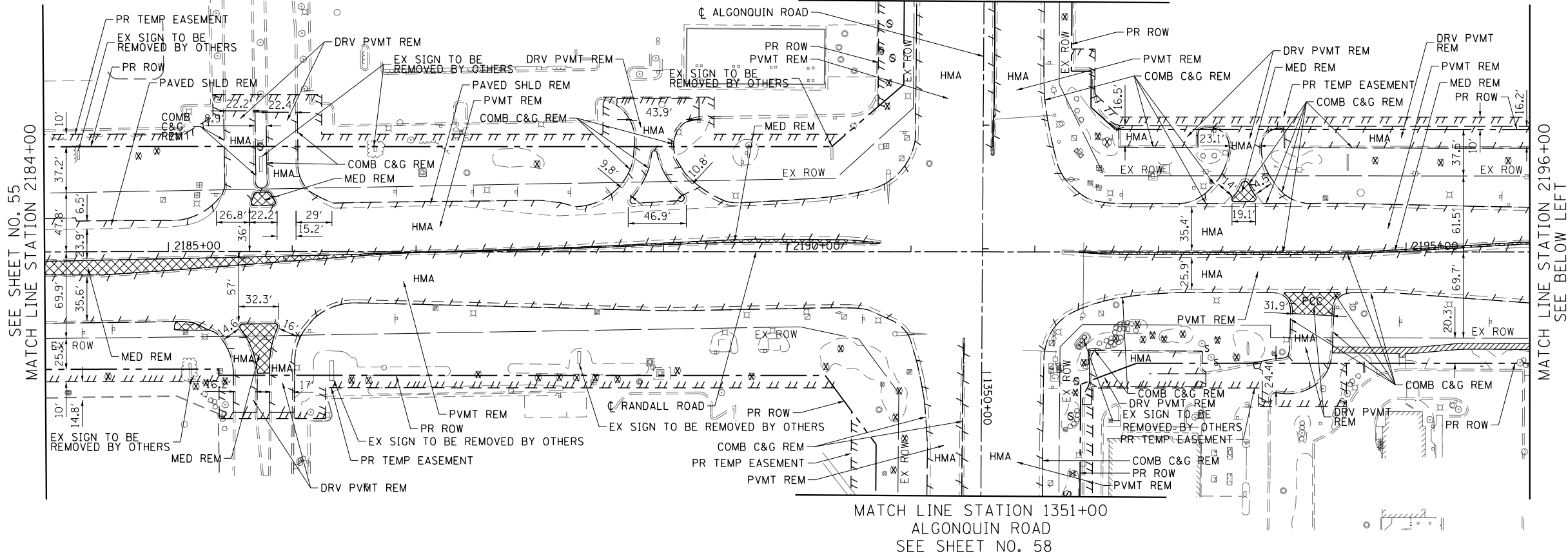
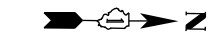
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD REMOVAL PLAN**

SCALE: 1" = 50' SHEET 2 OF 13 SHEETS STA 2160+00 TO STA 2184+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	55
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	

SEE SHEET NO. 58  
ALGONQUIN ROAD  
MATCH LINE STATION 1347+00



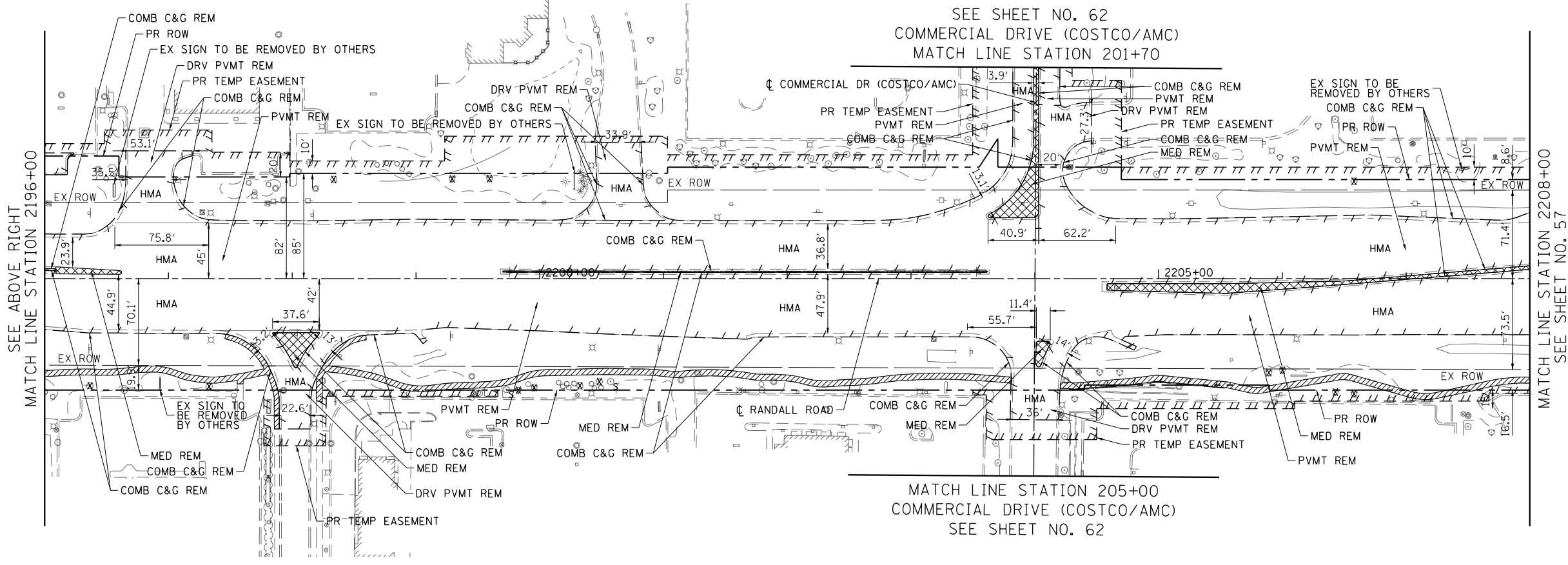
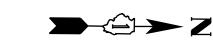
SEE SHEET NO. 55  
MATCH LINE STATION 2184+00

MATCH LINE STATION 2196+00  
SEE BELOW LEFT

- LEGEND**
- REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
  - TREE REMOVAL
  - SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
  - SIDEWALK REMOVAL
  - CONCRETE REMOVAL
  - HMA SURF REM & HMA SURF REM - BUTT JOINT

MATCH LINE STATION 1351+00  
ALGONQUIN ROAD  
SEE SHEET NO. 58

SEE SHEET NO. 62  
COMMERCIAL DRIVE (COSTCO/AMC)  
MATCH LINE STATION 201+70



SEE ABOVE RIGHT  
MATCH LINE STATION 2196+00

MATCH LINE STATION 2208+00  
SEE SHEET NO. 57

- NOTES:**
1. FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  2. FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  3. FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44

MATCH LINE STATION 205+00  
COMMERCIAL DRIVE (COSTCO/AMC)  
SEE SHEET NO. 62



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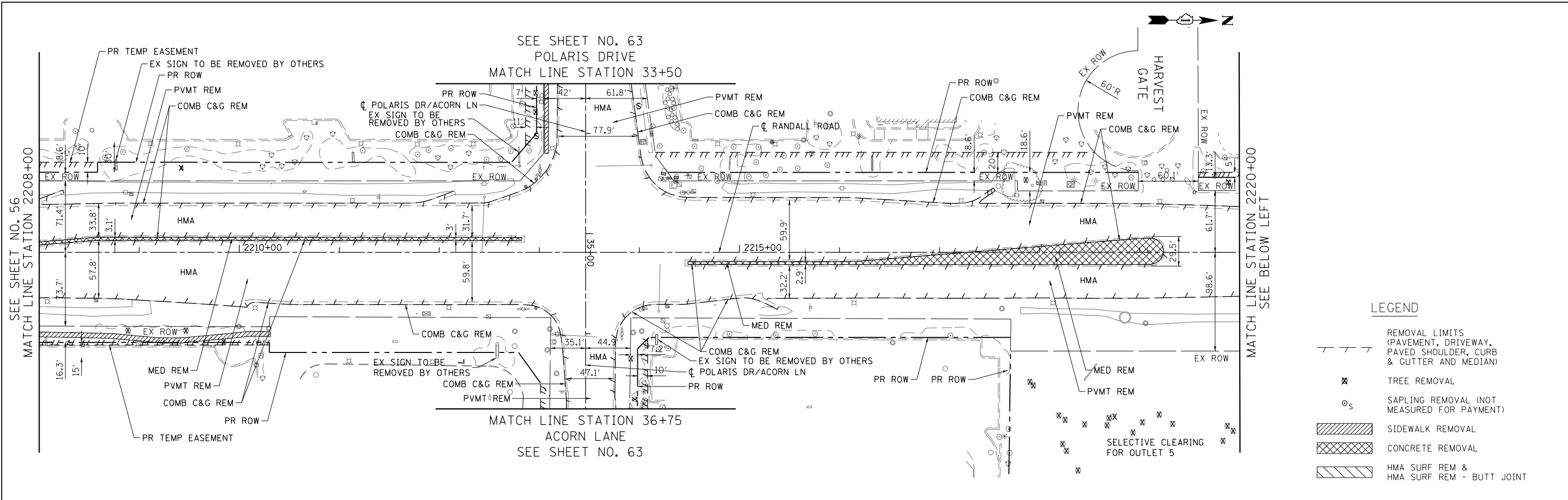
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD REMOVAL PLAN**

SCALE: 1" = 50' SHEET 3 OF 13 SHEETS STA 2184+00 TO STA 2208+00

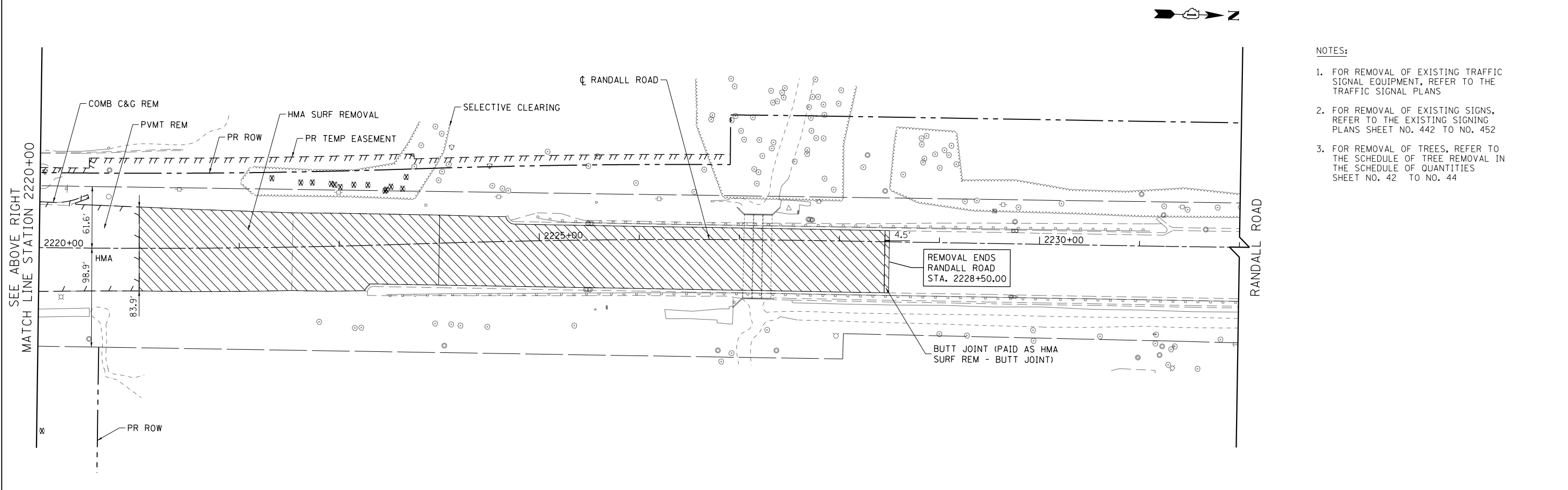
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	56
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				





**LEGEND**

	REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
	TREE REMOVAL
	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIDEWALK REMOVAL
	CONCRETE REMOVAL
	HMA SURF REM & HMA SURF REM - BUTT JOINT



- NOTES:**
- FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  - FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  - FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44



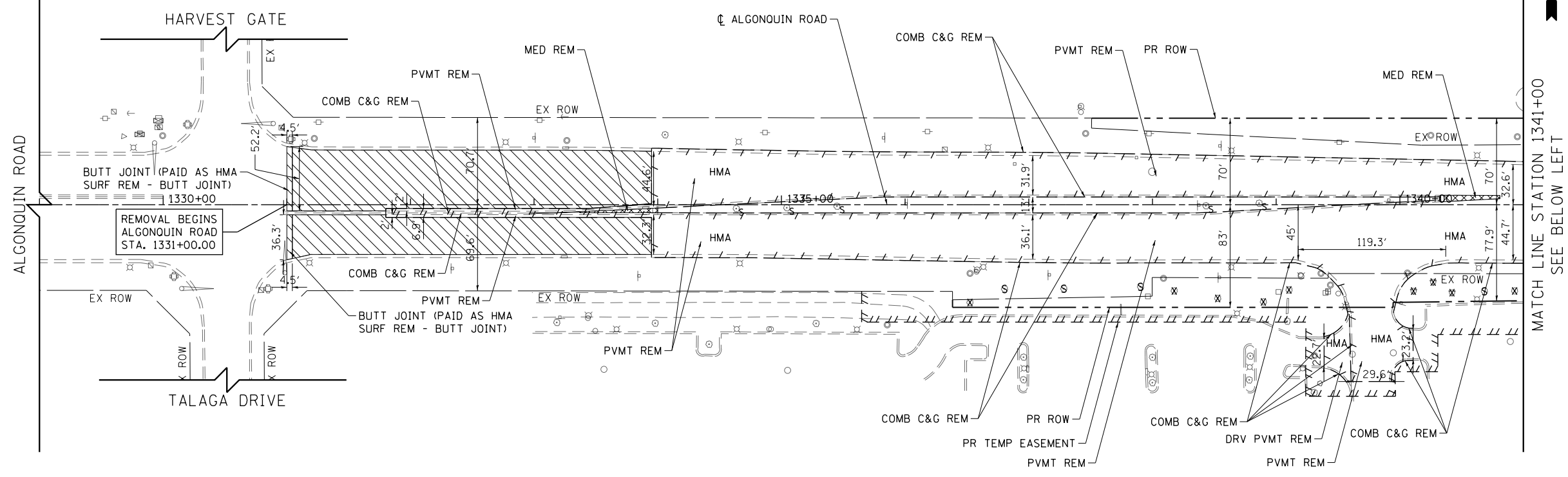
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD REMOVAL PLAN**

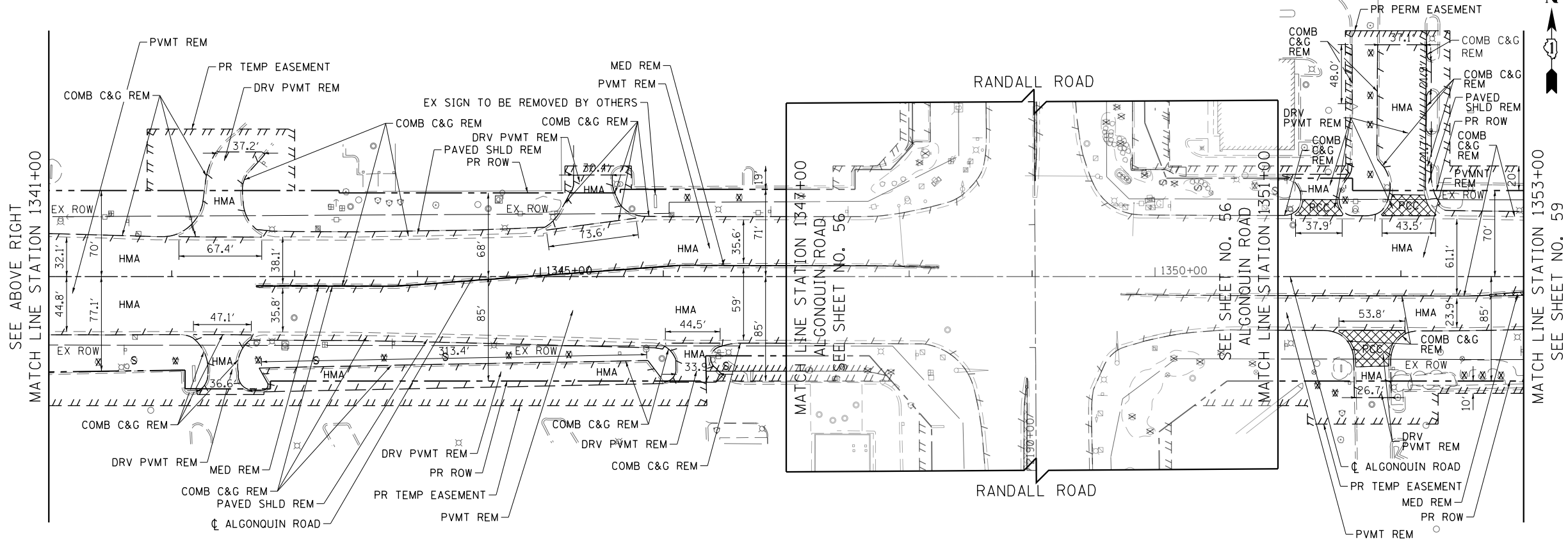
SCALE: 1" = 50' SHEET 4 OF 13 SHEETS STA 2208+00 TO STA 2232+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	57
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



**LEGEND**

	REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
	TREE REMOVAL
	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIDEWALK REMOVAL
	CONCRETE REMOVAL
	HMA SURF REM & HMA SURF REM - BUTT JOINT



- NOTES:**
- FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  - FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  - FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44

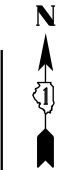
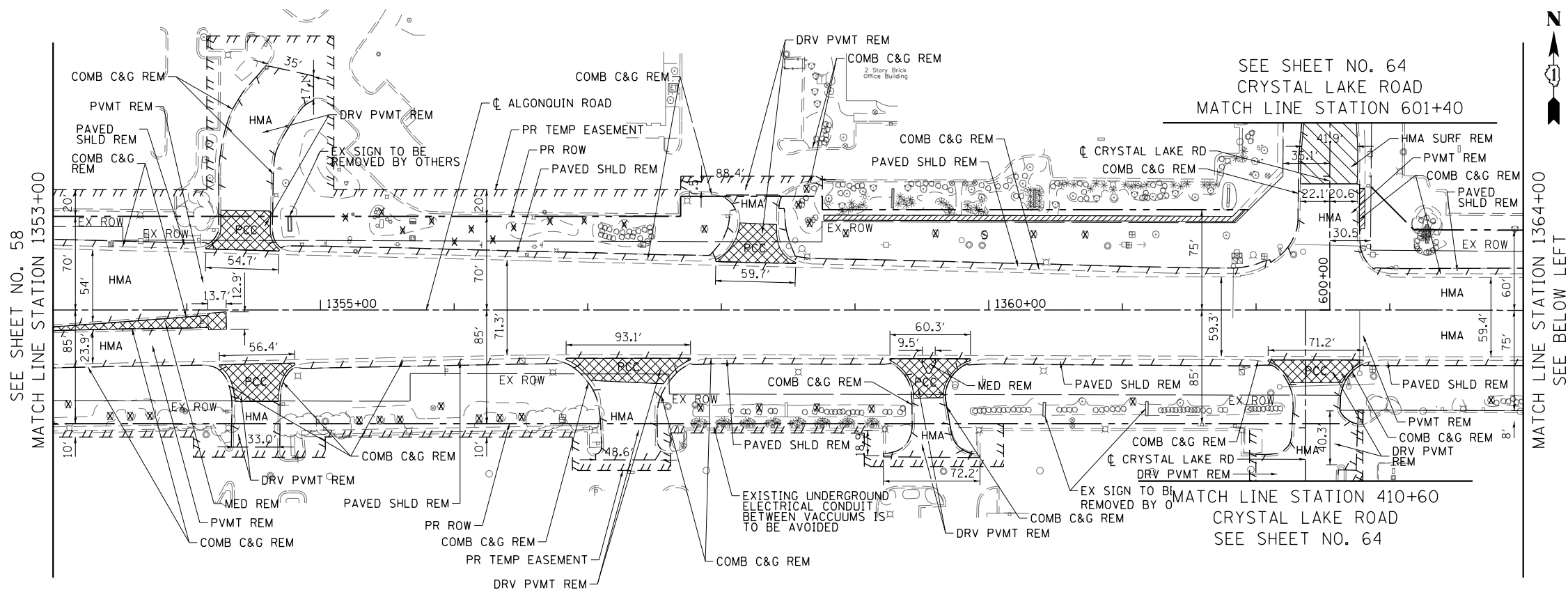


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

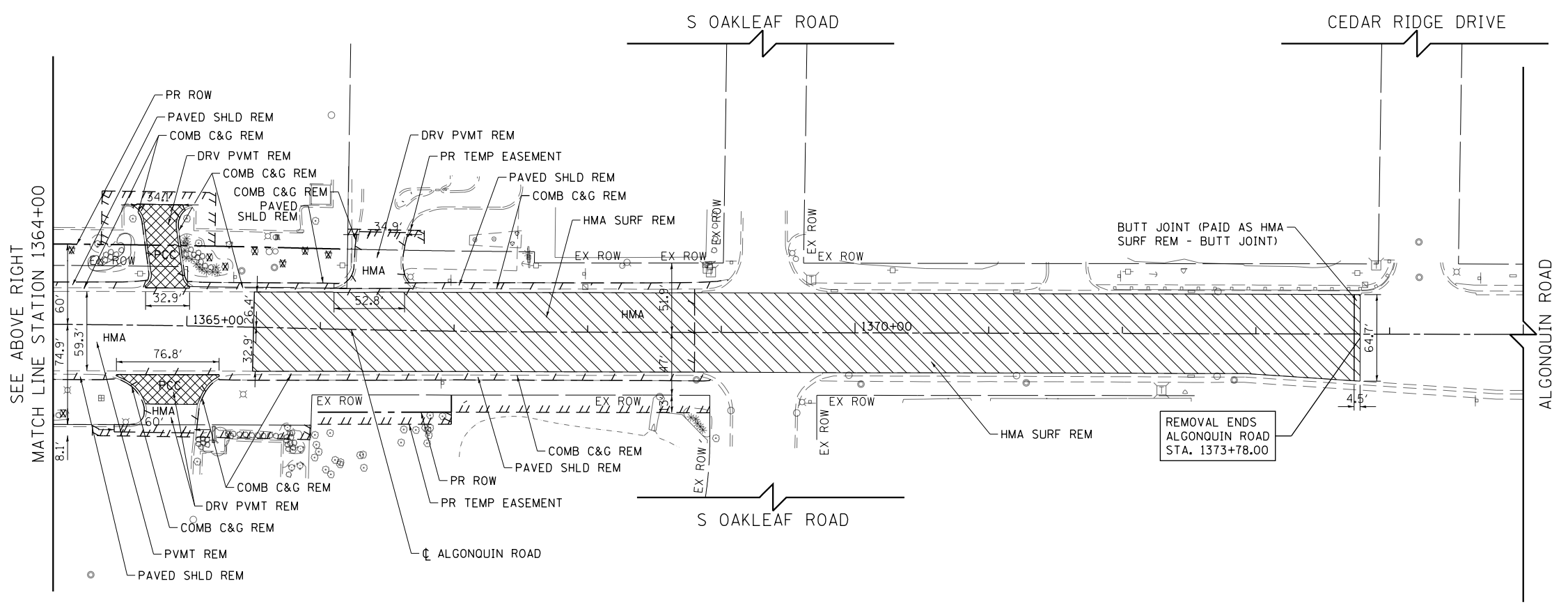
**ALGONQUIN ROAD REMOVAL PLAN**  
SCALE: 1" = 50' SHEET 5 OF 13 SHEETS STA 1329+00 TO STA 1353+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	58
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



**LEGEND**

	REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
	TREE REMOVAL
	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIDEWALK REMOVAL
	CONCRETE REMOVAL
	HMA SURF REM & HMA SURF REM - BUTT JOINT



- NOTES:**
- FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  - FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  - FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44



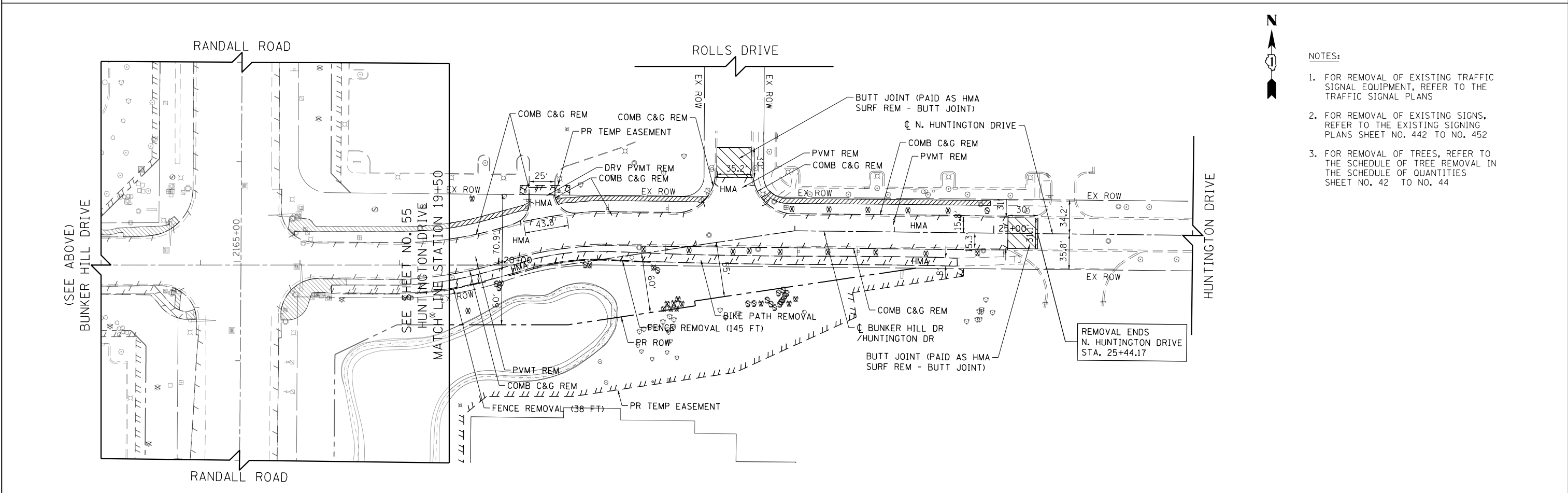
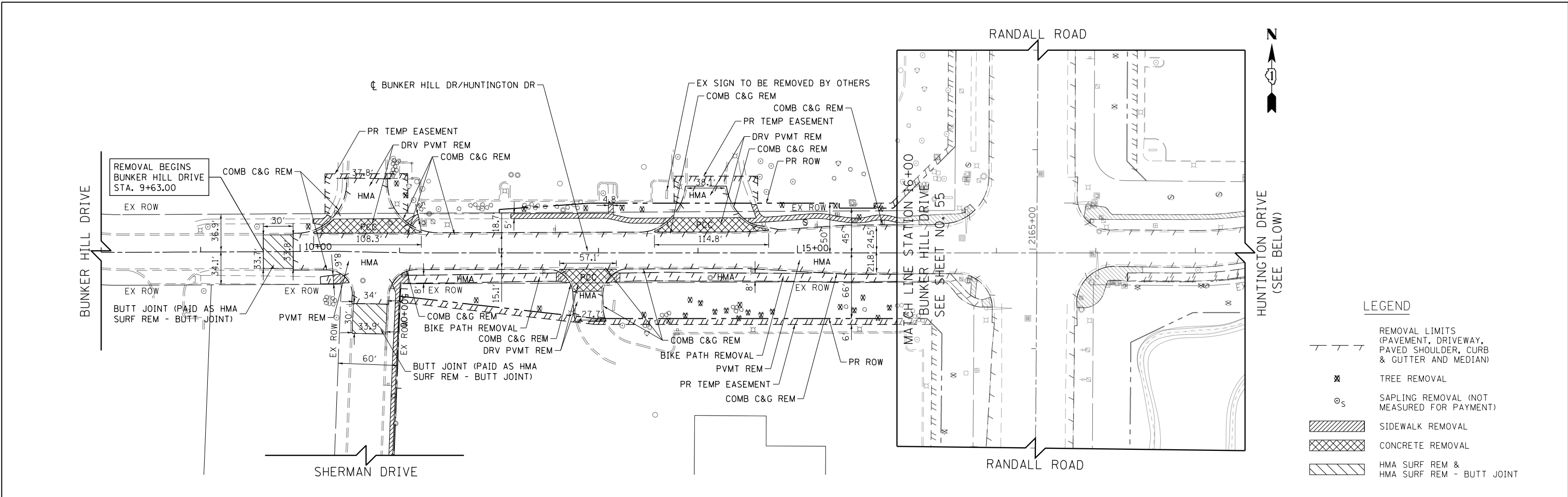
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALGONQUIN ROAD REMOVAL PLAN**

SCALE: 1" = 50' SHEET 6 OF 13 SHEETS STA 1353+00 TO STA 1375+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	59
				CONTRACT NO. 61E53
ILLINOIS FED. AID PROJECT				



- NOTES:**
- FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  - FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  - FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44

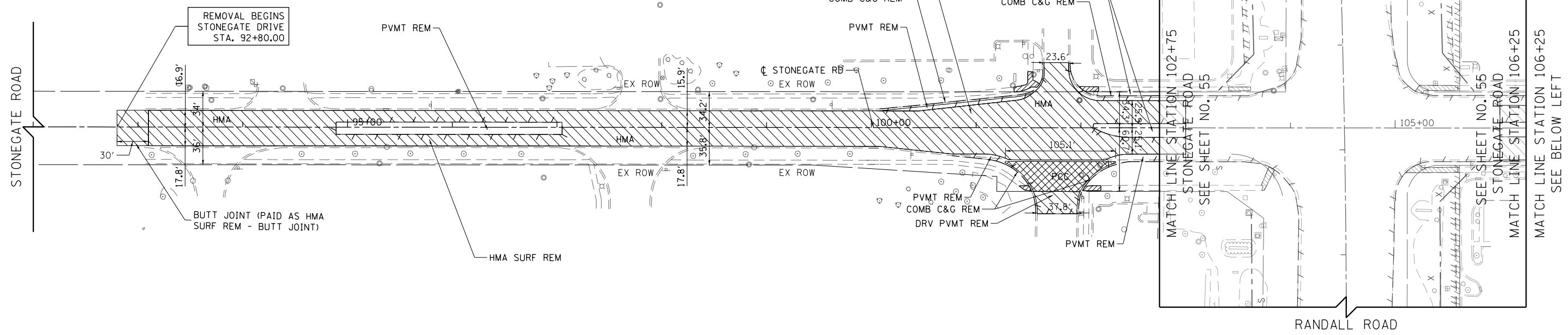
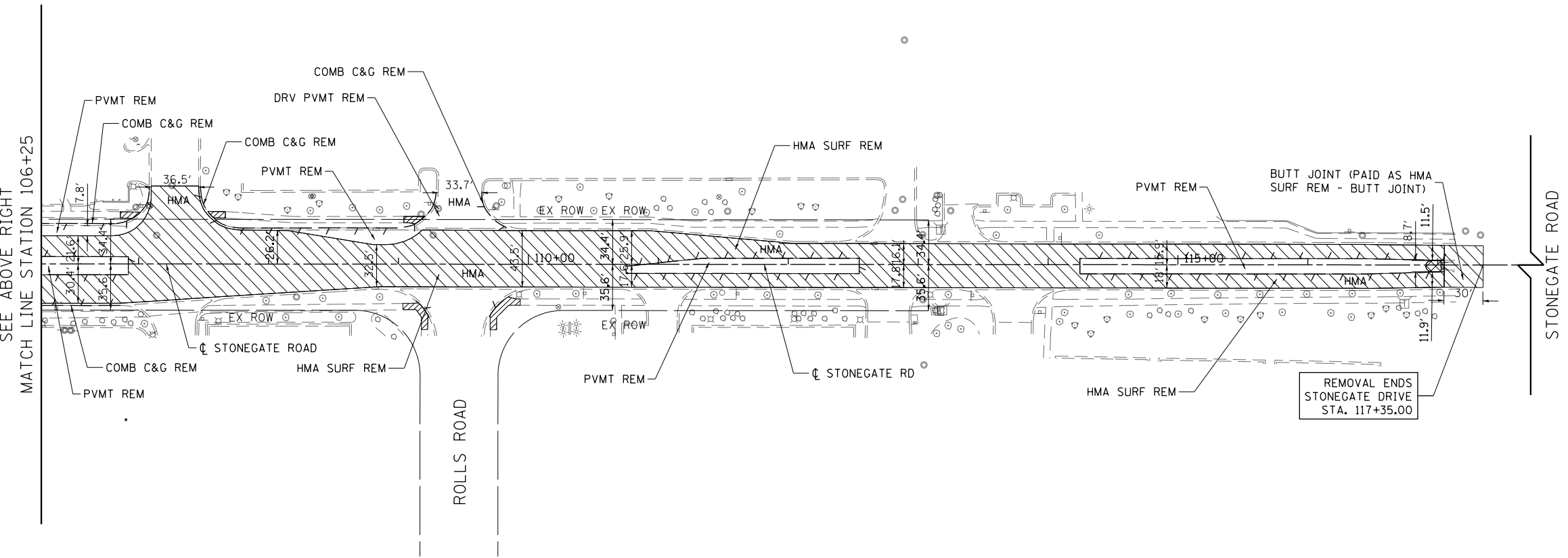
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUNKER HILL DRIVE /HUNTINGTON DRIVE REMOVAL PLAN**

SCALE: 1" = 50'    SHEET 7 OF 13 SHEETS    STA 8+00 TO STA 27+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	60
			CONTRACT NO.	61E53
ILLINOIS FED. AID PROJECT				



**LEGEND**

- REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
- TREE REMOVAL
- SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
- SIDEWALK REMOVAL
- CONCRETE REMOVAL
- HMA SURF REM & HMA SURF REM - BUTT JOINT

**NOTES:**

1. FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
2. FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
3. FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44
4. A NOMINAL QUANTITY OF COMBINATION CURB AND GUTTER REMOVAL HAS BEEN ADDED FOR SPOT REPAIRS ALONG STONEGATE ROAD.

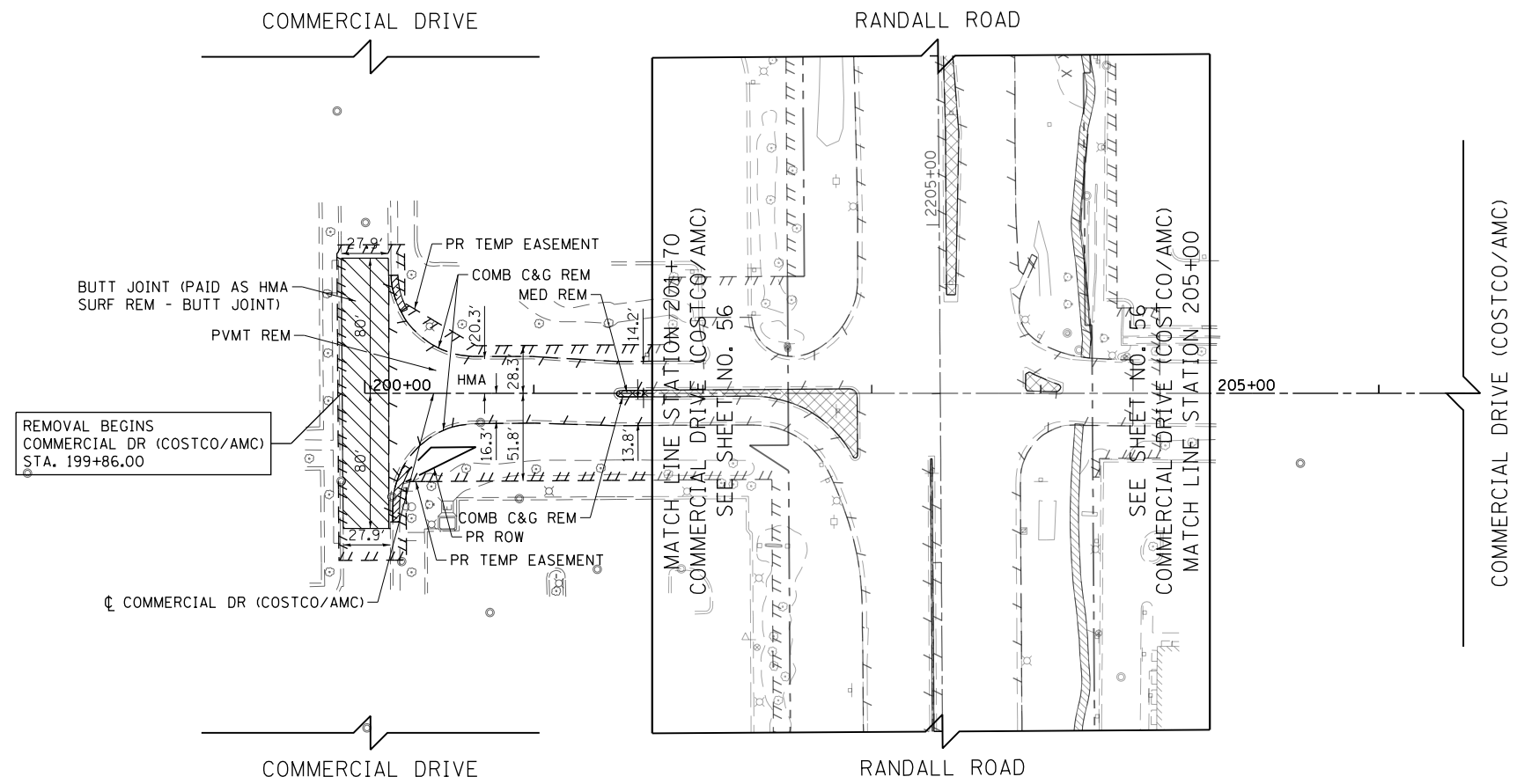
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STONEGATE ROAD REMOVAL PLAN**

SCALE: 1" = 50' SHEET 8 OF 13 SHEETS STA 100+00 TO STA 109+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	61
			CONTRACT NO.	61E53
ILLINOIS FED. AID PROJECT				



REMOVAL BEGINS  
COMMERCIAL DR (COSTCO/AMC)  
STA. 199+86.00

- LEGEND**
- REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
  - TREE REMOVAL
  - SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
  - SIDEWALK REMOVAL
  - CONCRETE REMOVAL
  - HMA SURF REM & HMA SURF REM - BUTT JOINT

- NOTES:**
1. FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  2. FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  3. FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44

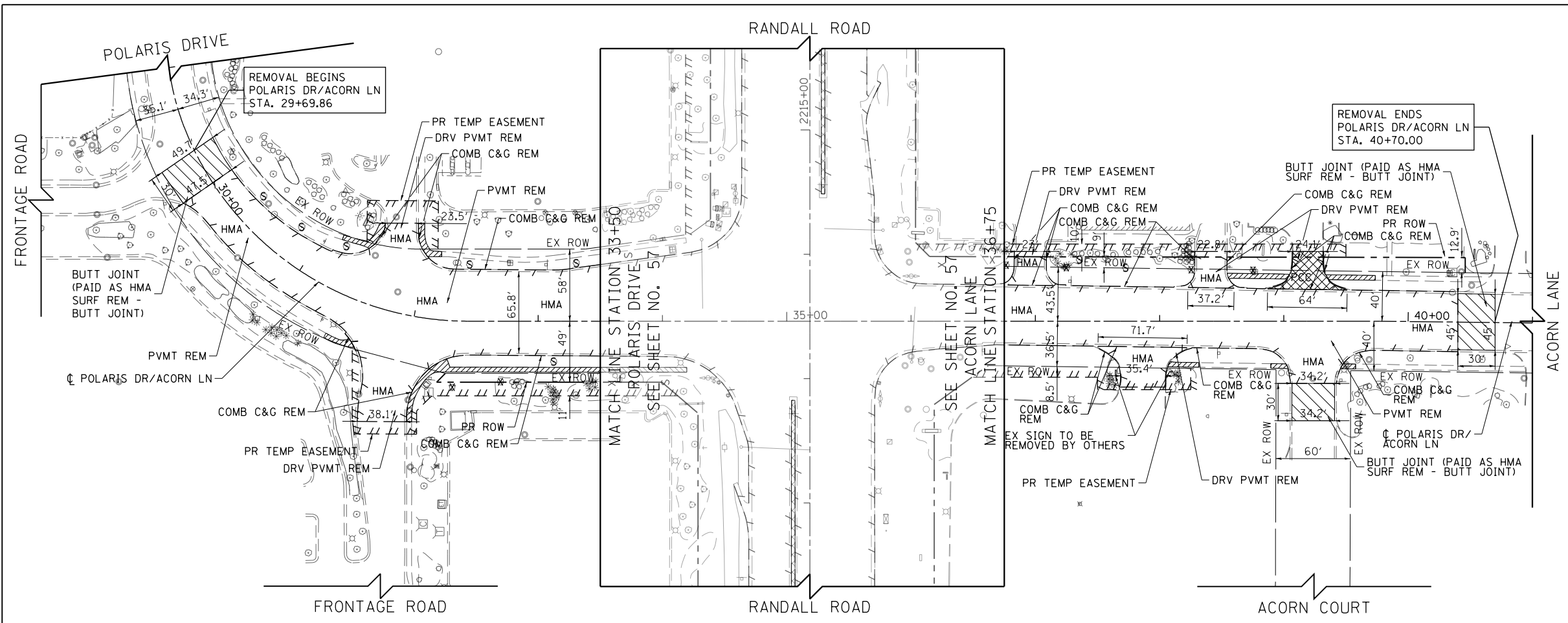


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMERCIAL DRIVE (COSTCO/AMC) REMOVAL PLAN**  
SCALE: 1" = 50' SHEET 9 OF 13 SHEETS STA 200+00 TO STA 206+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	62
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



**LEGEND**

	REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
	TREE REMOVAL
	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIDEWALK REMOVAL
	CONCRETE REMOVAL
	HMA SURF REM & HMA SURF REM - BUTT JOINT

- NOTES:**
- FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  - FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  - FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44



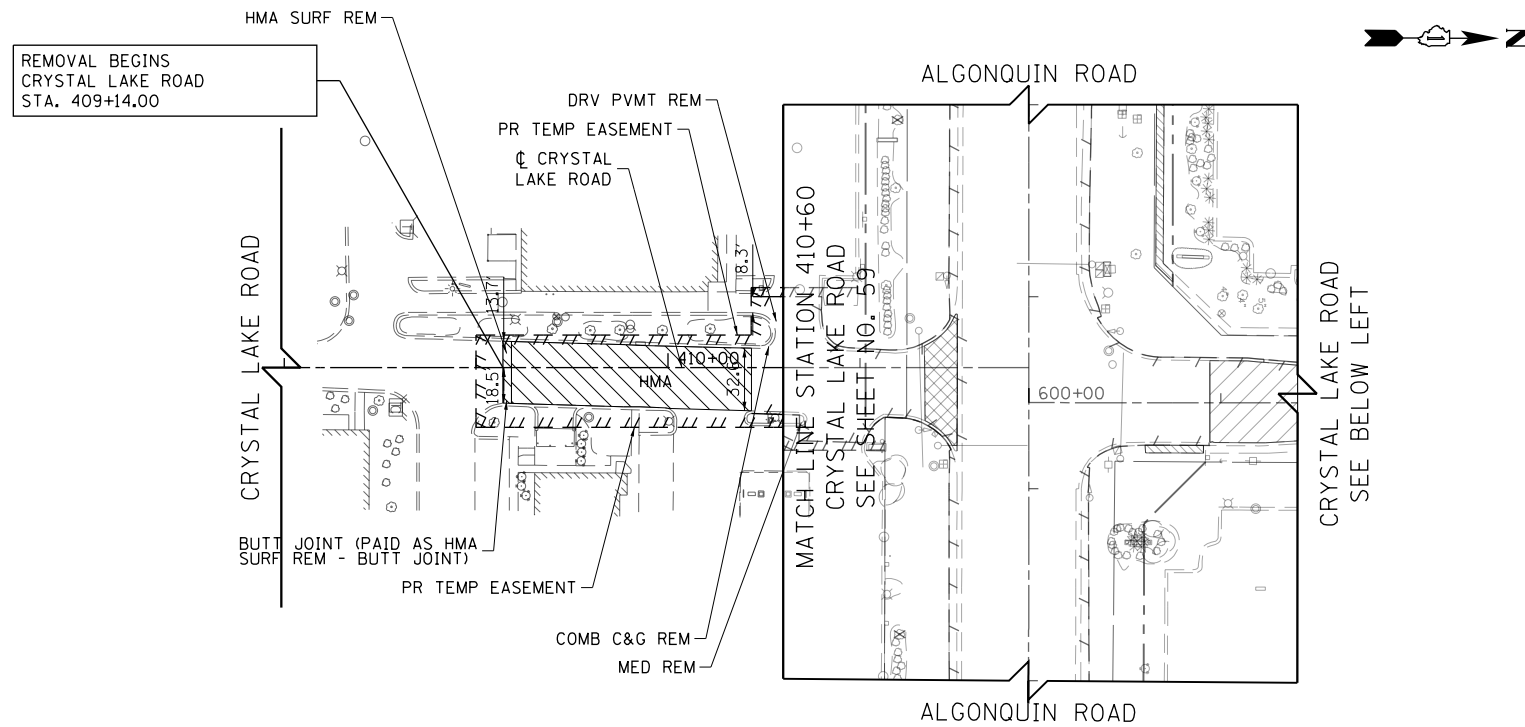
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**POLARIS DRIVE /ACORN LANE REMOVAL PLAN**

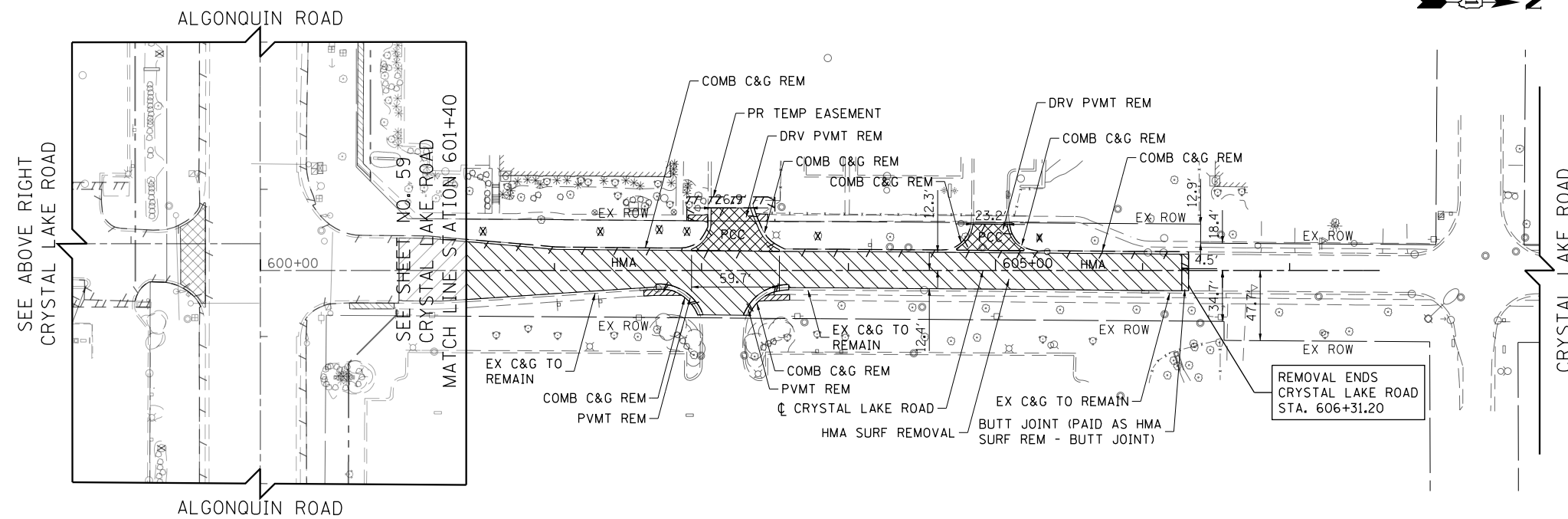
SCALE: 1" = 50'    SHEET 10 OF 13 SHEETS    STA 29+00 TO STA 41+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	63
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



**LEGEND**

	REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
	TREE REMOVAL
	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIDEWALK REMOVAL
	CONCRETE REMOVAL
	HMA SURF REM & HMA SURF REM - BUTT JOINT



- NOTES:**
- FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  - FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  - FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

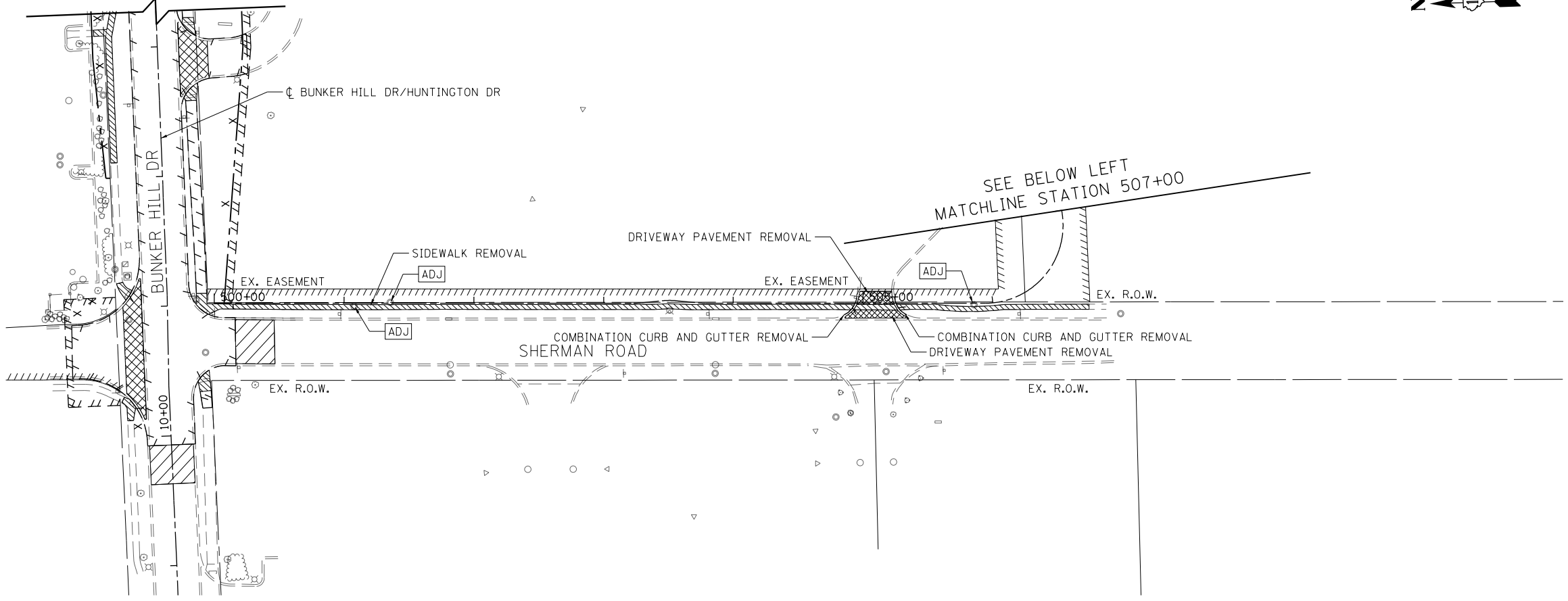
**CRYSTAL LAKE ROAD  
REMOVAL PLAN**

SCALE: 1" = 50' SHEET 11 OF 13 SHEETS STA 408+00 TO STA 607+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	64
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

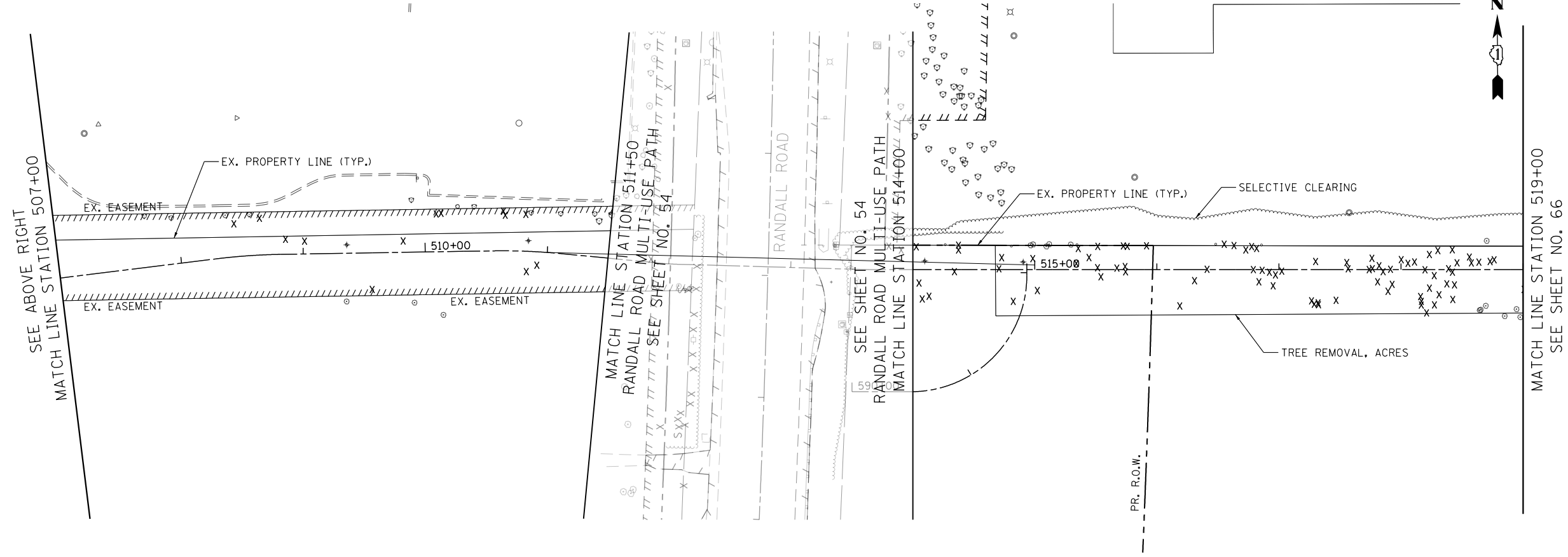


BUNKER HILL DRIVE



**LEGEND**

- REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
- TREE REMOVAL
- SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
- SIDEWALK REMOVAL
- CONCRETE REMOVAL
- HMA SURF REM & HMA SURF REM - BUTT JOINT
- STRUCTURE TO BE ADJUSTED



**NOTES:**

1. FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
2. FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
3. FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44



Bollinger, Lach & Associates, Inc.  
ITASC, ILLINOIS

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

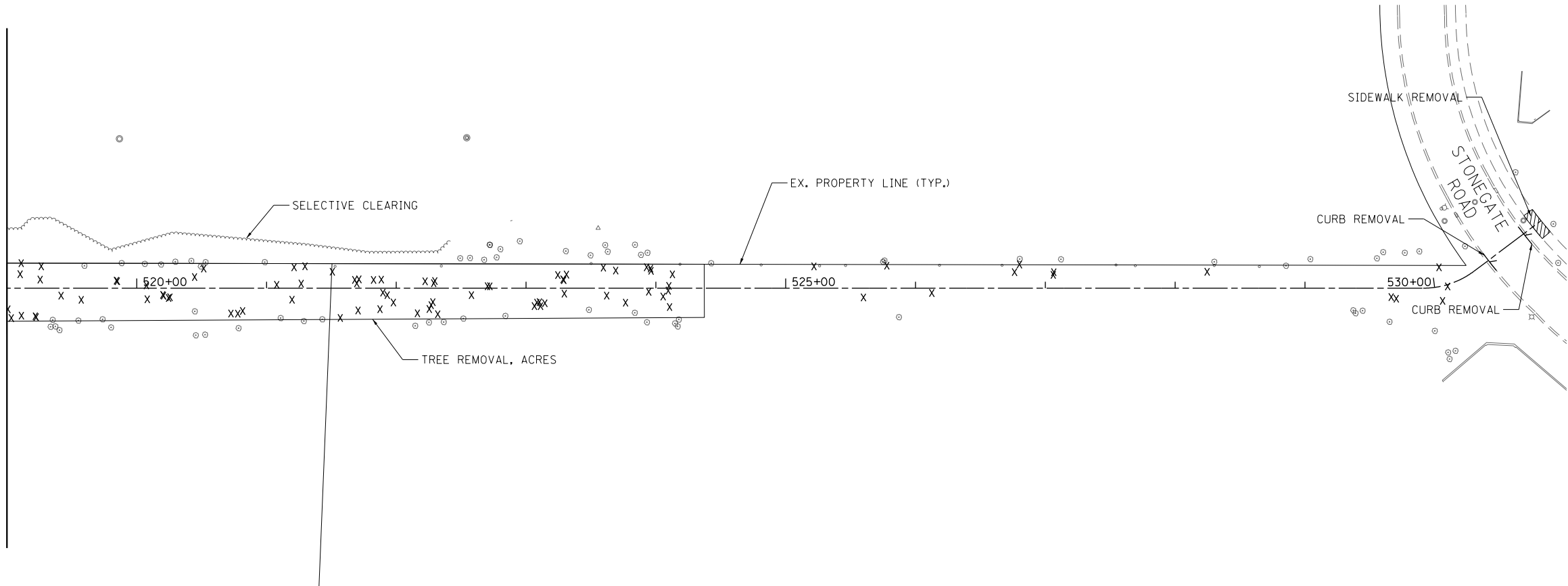
**RANDALL ROAD MULTI-USE PATH  
REMOVAL PLAN**

SCALE: 1" = 50' SHEET 12 OF 13 SHEETS STA 500+00 TO STA 519+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	65
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



SEE SHEET NO. 65  
MATCH LINE STATION 519+00



**LEGEND**

	REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
	TREE REMOVAL
	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIDEWALK REMOVAL
	CONCRETE REMOVAL
	HMA SURF REM & HMA SURF REM - BUTT JOINT

- NOTES:**
- FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT, REFER TO THE TRAFFIC SIGNAL PLANS
  - FOR REMOVAL OF EXISTING SIGNS, REFER TO THE EXISTING SIGNING PLANS SHEET NO. 442 TO NO. 452
  - FOR REMOVAL OF TREES, REFER TO THE SCHEDULE OF TREE REMOVAL IN THE SCHEDULE OF QUANTITIES SHEET NO. 42 TO NO. 44



Bollinger, Lach & Associates, Inc.  
ITASC, ILLINOIS

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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD MULTI-USE PATH  
REMOVAL PLAN**

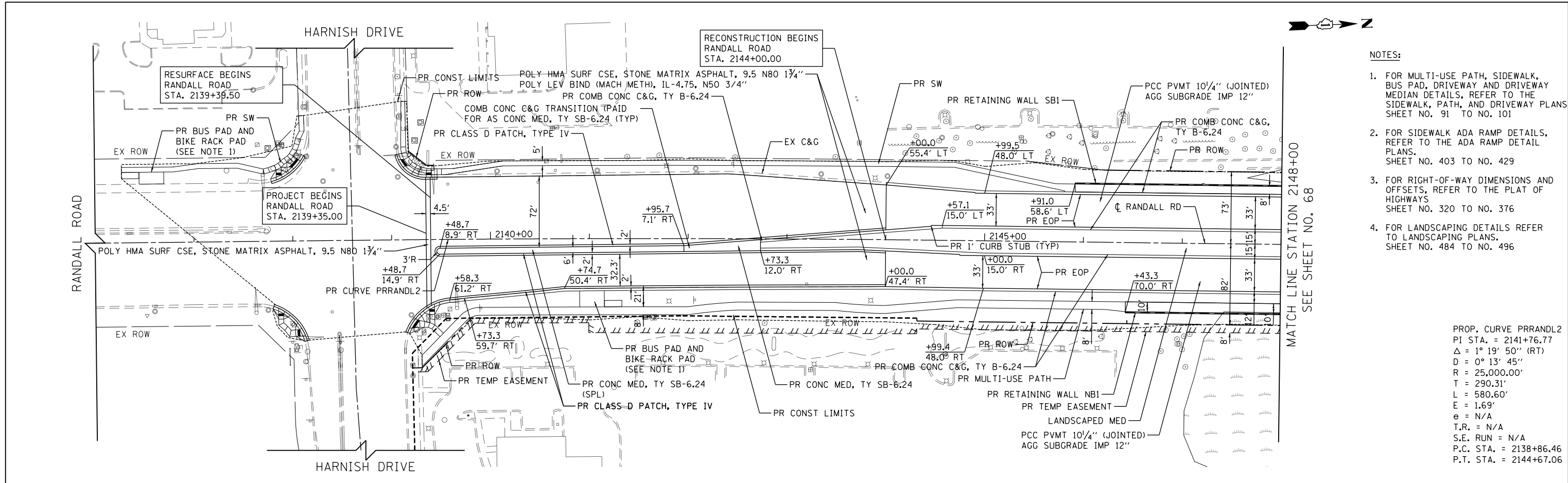
SCALE: 1" = 50' SHEET 13 OF 13 SHEETS STA 519+00 TO STA 530+97.79

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	66
CONTRACT NO.			61E53	

ILLINOIS FED. AID PROJECT

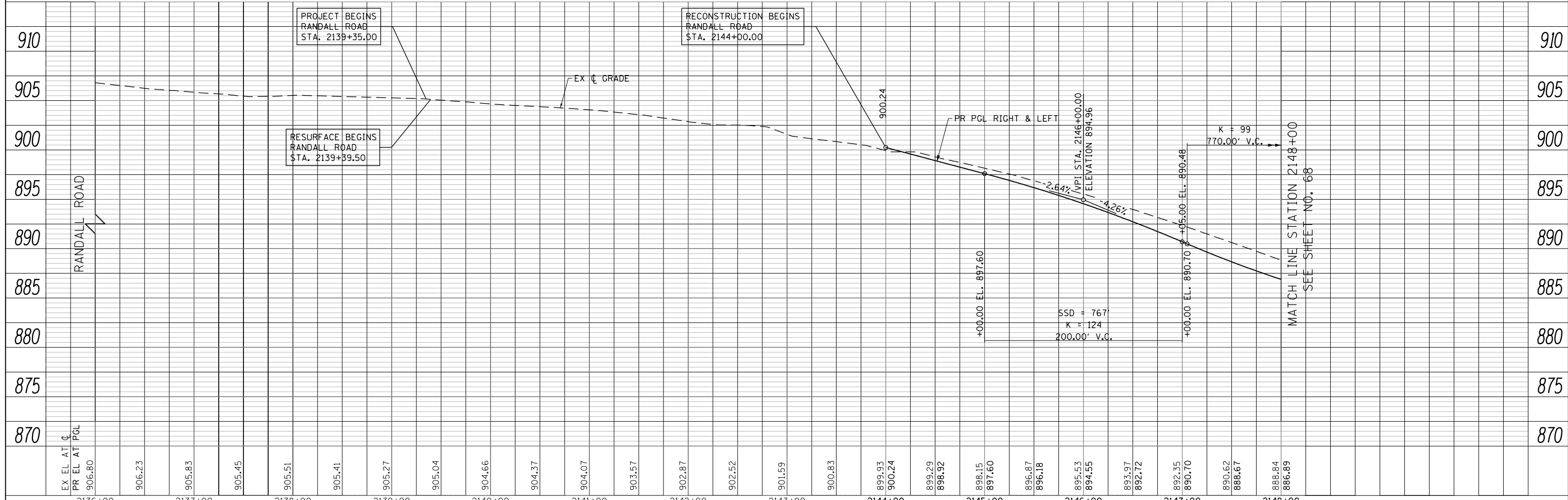
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	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO.	



- NOTES:**
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496

PROP. CURVE PRRANDL2  
 PI STA. = 2141+76.77  
 $\Delta$  = 1° 19' 50" (RT)  
 D = 0° 13' 45"  
 R = 25,000.00'  
 T = 290.31'  
 L = 580.60'  
 E = 1.69'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 2138+86.46  
 P.T. STA. = 2144+67.06



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

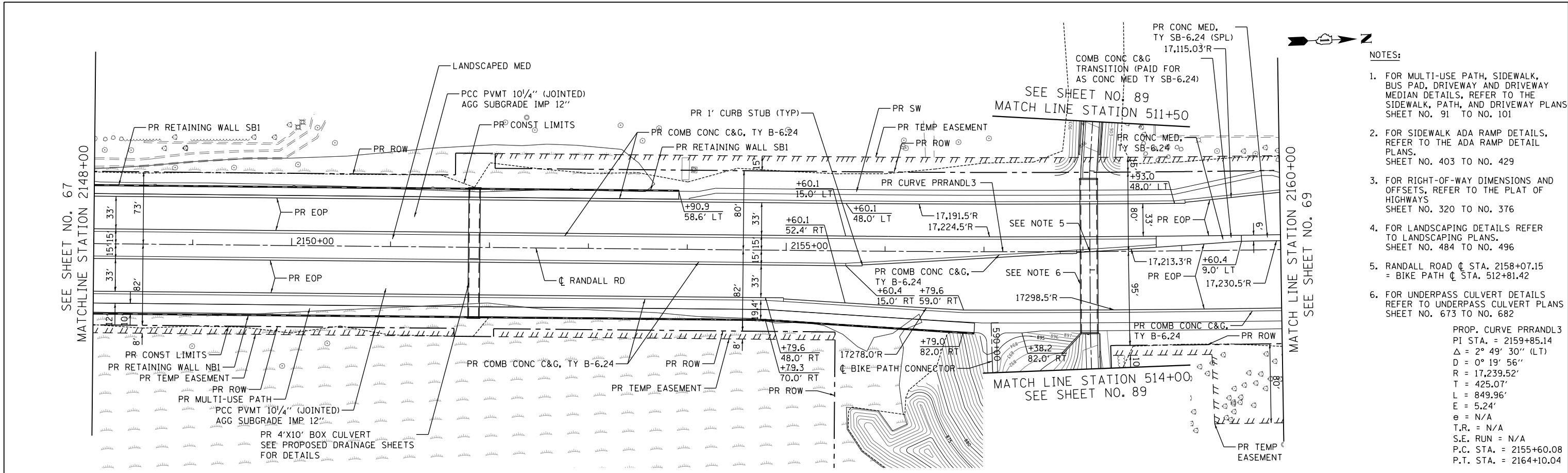
**RANDALL ROAD PLAN AND PROFILE**

SCALE: 1"=50' HORIZ  
1"=5' VERT

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	67
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

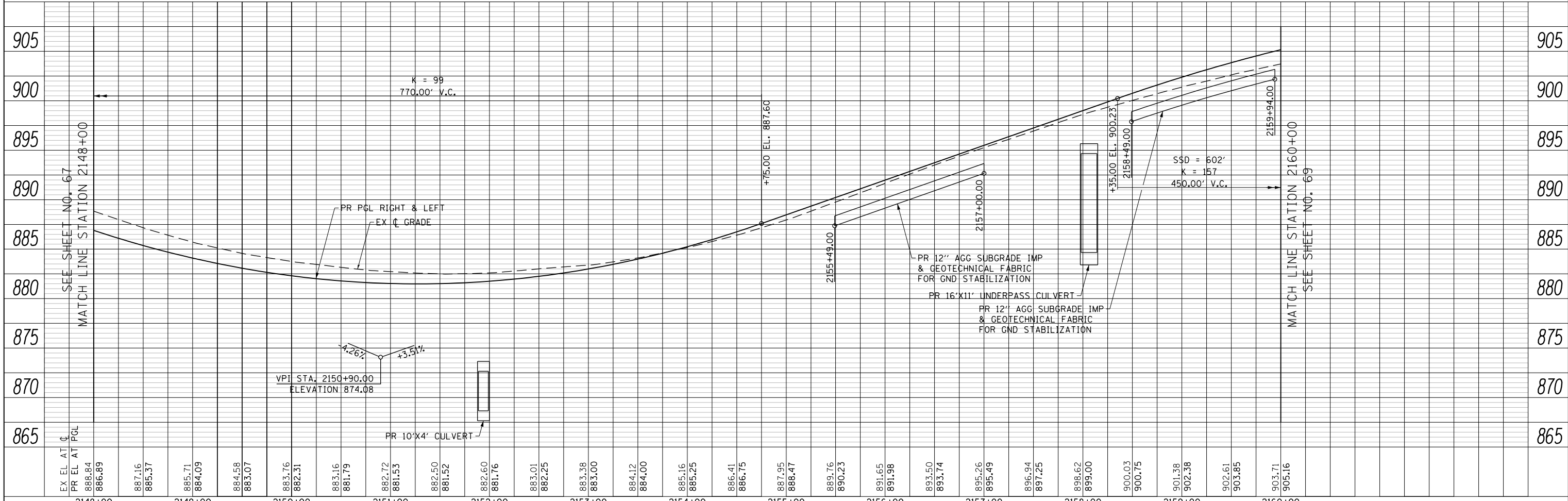
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	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. _____		



- NOTES:**
- FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  - FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  - FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  - FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496
  - RANDALL ROAD C STA. 2158+07.15 = BIKE PATH C STA. 512+81.42
  - FOR UNDERPASS CULVERT DETAILS REFER TO UNDERPASS CULVERT PLANS SHEET NO. 673 TO NO. 682

PROP. CURVE PRRANDL3  
 PI STA. = 2159+85.14  
 $\Delta = 2^\circ 49' 30''$  (LT)  
 $D = 0^\circ 19' 56''$   
 $R = 17,239.52'$   
 $T = 425.07'$   
 $L = 849.96'$   
 $E = 5.24'$   
 $e = N/A$   
 $T.R. = N/A$   
 $S.E. RUN = N/A$   
 $P.C. STA. = 2155+60.08$   
 $P.T. STA. = 2164+10.04$



EX. EL. AT C	PR EL. AT PGL	2148+00	2149+00	2150+00	2151+00	2152+00	2153+00	2154+00	2155+00	2156+00	2157+00	2158+00	2159+00	2160+00																																			
886.84	886.89	887.16	885.37	885.71	884.09	884.58	883.07	883.76	882.31	883.16	881.79	882.72	881.53	882.50	881.52	882.60	881.76	883.01	882.25	883.38	883.00	884.12	884.00	885.16	885.25	886.41	886.75	887.95	888.47	889.76	890.23	891.65	891.98	893.50	893.74	895.26	895.49	896.94	897.25	898.62	899.00	900.03	900.75	901.38	902.38	902.61	903.85	903.71	905.16

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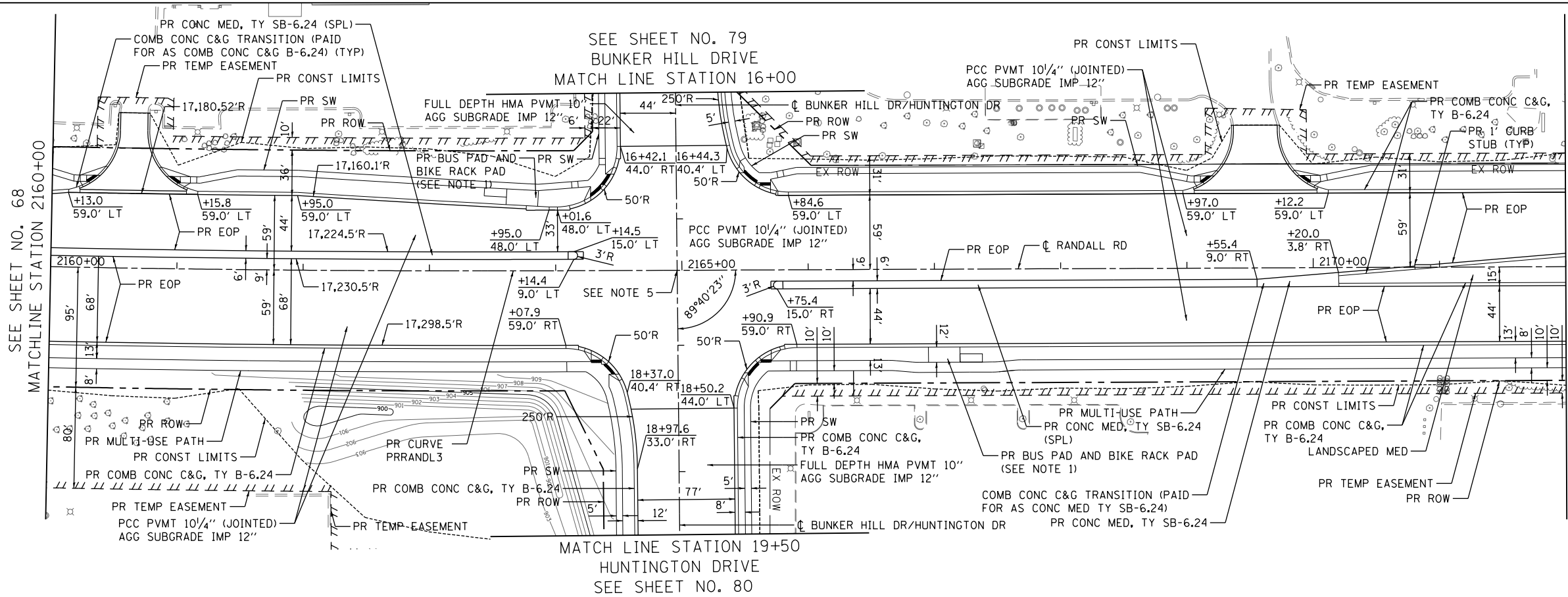
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD PLAN AND PROFILE**

SCALE: 1"=50' HORIZ  
1"=5' VERT

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	68
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

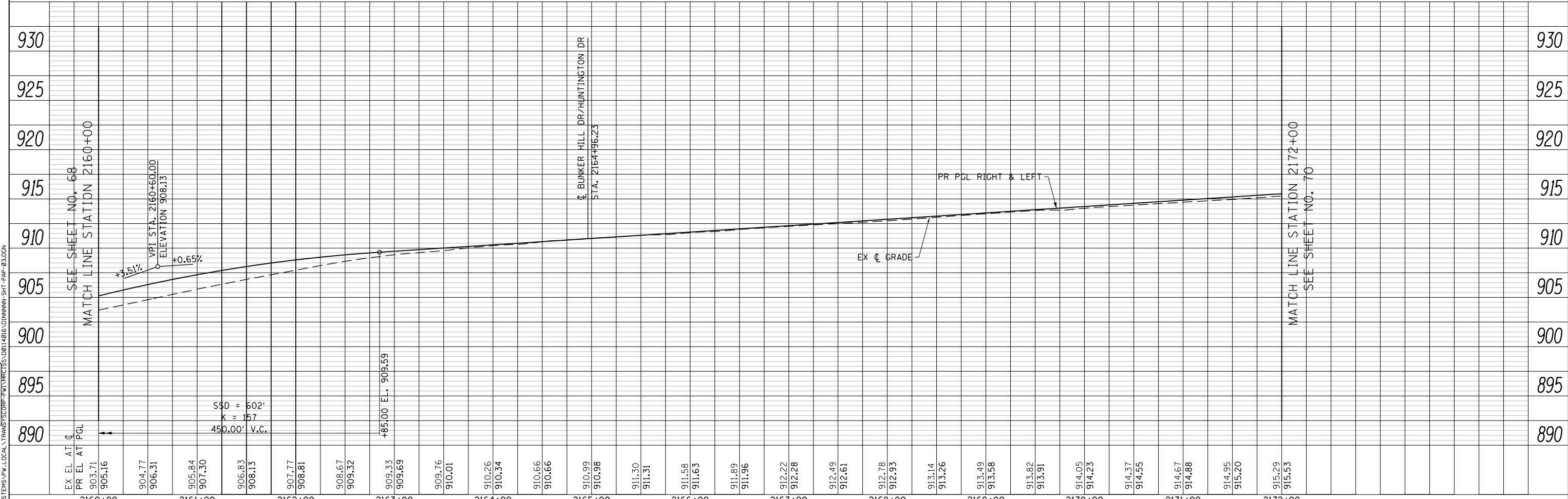
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- NOTES:
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496
  5. RANDALL RD C STA. 2164+96.23 = BUNKER HILL DR/HUNTINGTON DR C STA. 17+40.65

PROP. CURVE PRANDL3  
PI STA. = 2159+85.14  
 $\Delta = 2^\circ 49' 30''$  (LT)  
D =  $0^\circ 19' 56''$   
R = 17,239.52'  
T = 425.07'  
L = 849.96'  
E = 5.24'  
e = N/A  
T.R. = N/A  
S.E. RUN = N/A  
P.C. STA. = 2155+60.08  
P.T. STA. = 2164+10.04

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
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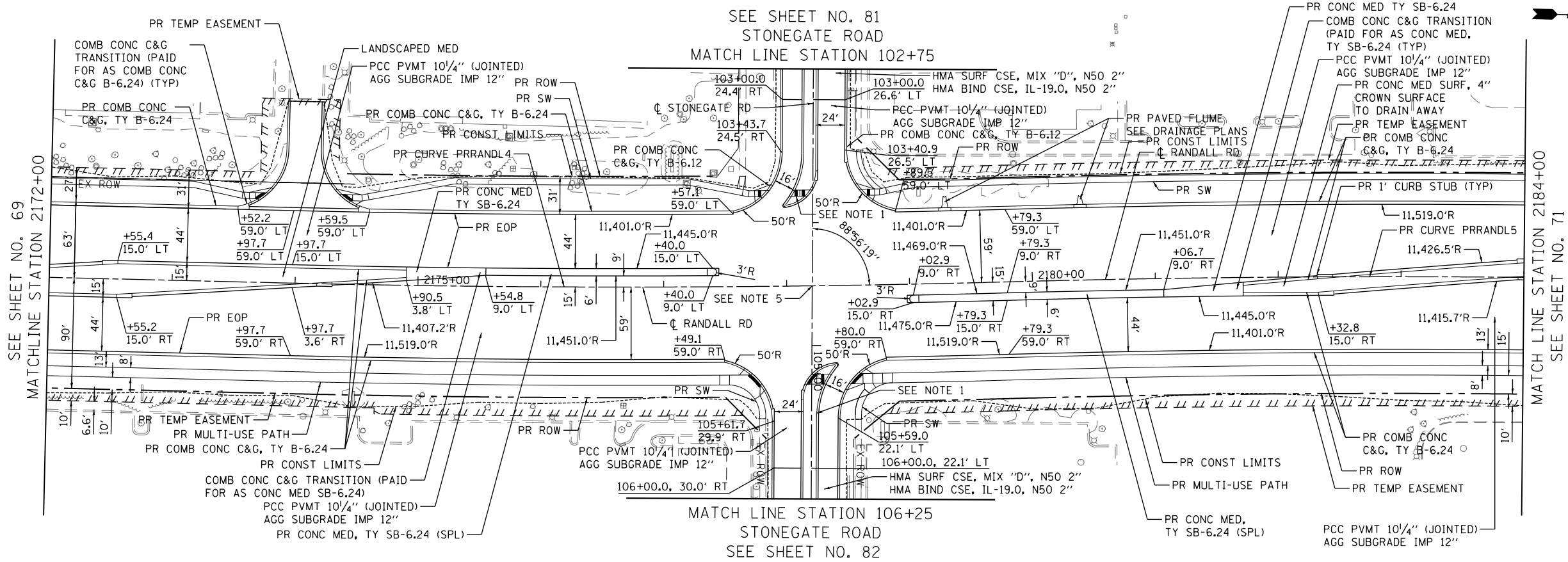
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RANDALL ROAD PLAN AND PROFILE	
SCALE: 1"=50' HORIZ 1"=5' VERT	SHEET 3 OF 24 SHEETS STA 2160+00 TO STA 2172+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	69
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

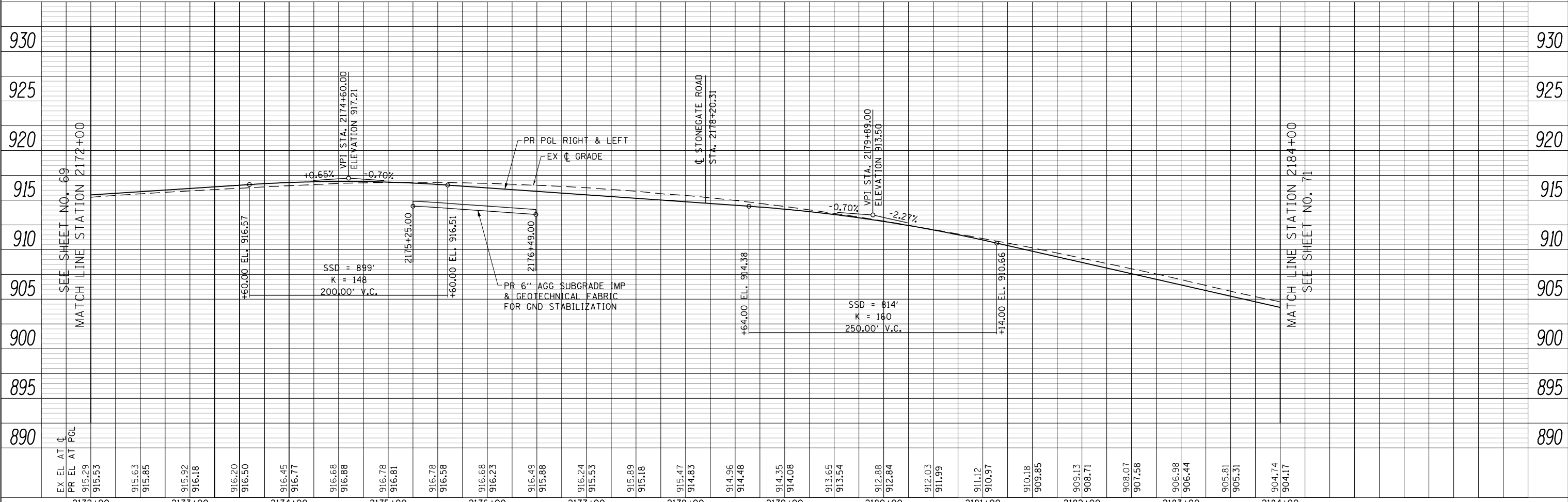
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	PLOTTED		
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	FILE NAME		



- NOTES:**
- FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  - FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  - FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  - FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496
  - RANDALL RD @ STA. 2178+20.31 = STONEGATE RD @ STA. 104+51.55

PROP. CURVE PRRANDL4 PI STA. = 2176+88.53 Δ = 2° 54' 29" (LT) D = 0° 30' 00" R = 11,460.00' T = 290.88' L = 581.63' E = 3.69' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA. = 2173+97.66 P.T. STA. = 2179+79.29	PROP. CURVE PRRANDL5 PI STA. = 2182+33.03 Δ = 2° 32' 13" (RT) D = 0° 30' 00" R = 11,460.00' T = 253.74' L = 507.41' E = 2.81' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA. = 2179+79.29 P.T. STA. = 2184+86.69
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

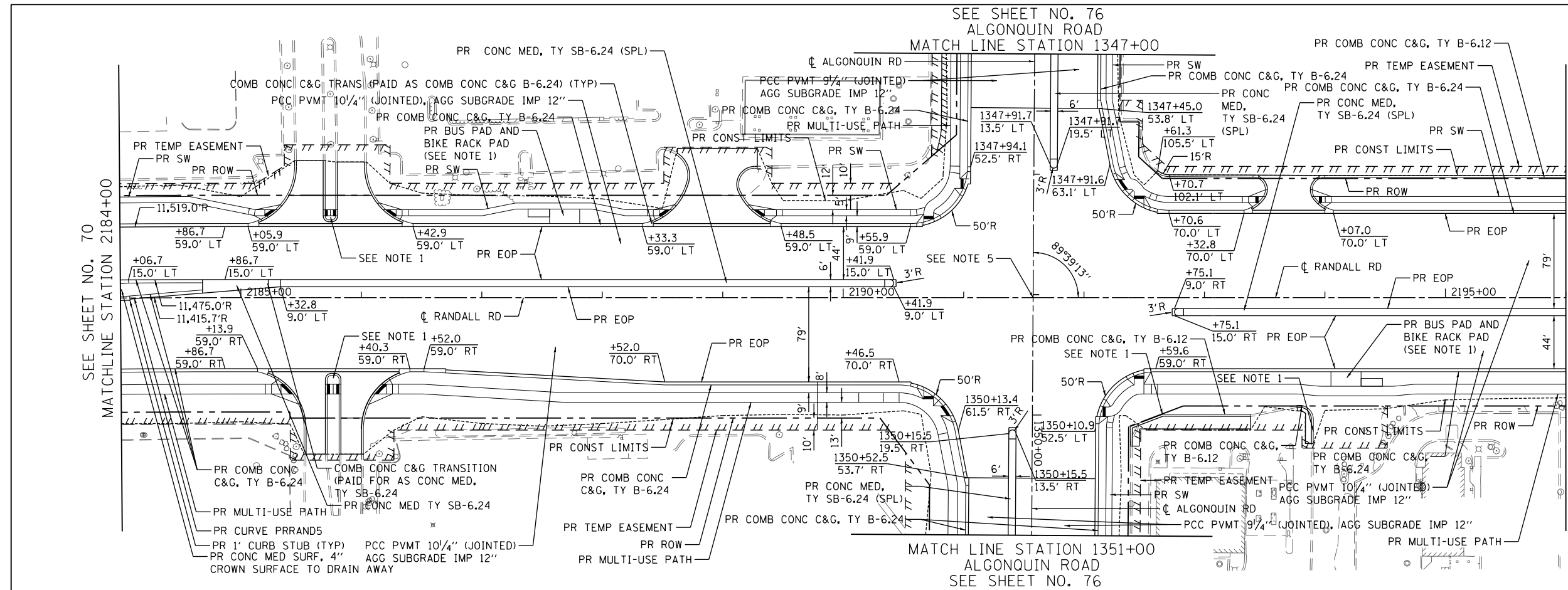
**RANDALL ROAD PLAN AND PROFILE**

SCALE: 1"=50' HORIZ 1"=5' VERT SHEET 4 OF 24 SHEETS STA 2172+00 TO STA 2184+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	70
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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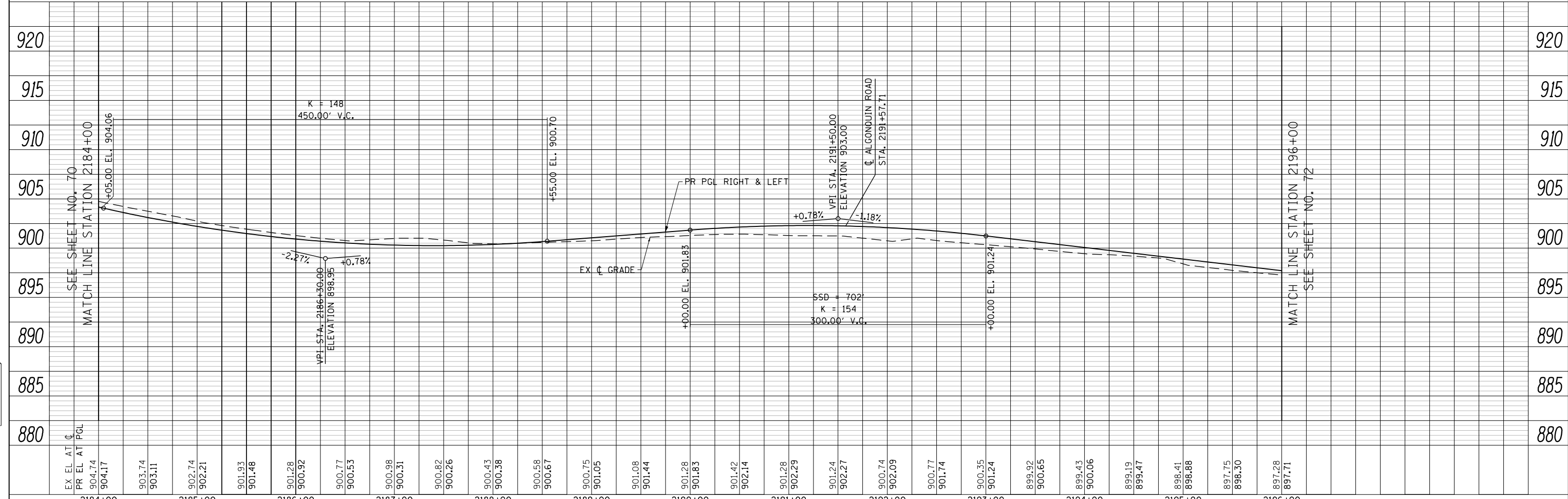


SEE SHEET NO. 70  
MATCHLINE STATION 2184+00

SEE SHEET NO. 76  
MATCHLINE STATION 2196+00

- NOTES:
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496
  5. RANDALL RD C STA. 2191+57.71 = ALGONQUIN RD C STA. 1349+02.49

PROP. CURVE PRANDL5  
 PI STA. = 2182+33.03  
 $\Delta$  = 2° 32' 13" (RT)  
 D = 0° 30' 00"  
 R = 11,460.00'  
 T = 253.74'  
 L = 507.41'  
 E = 2.81'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A  
 P.C. STA. = 2179+79.29  
 P.T. STA. = 2184+86.69



SEE SHEET NO. 70  
MATCHLINE STATION 2184+00

SEE SHEET NO. 76  
MATCHLINE STATION 2196+00

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PLOT SCALE = 100.0000' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RANDALL ROAD PLAN AND PROFILE

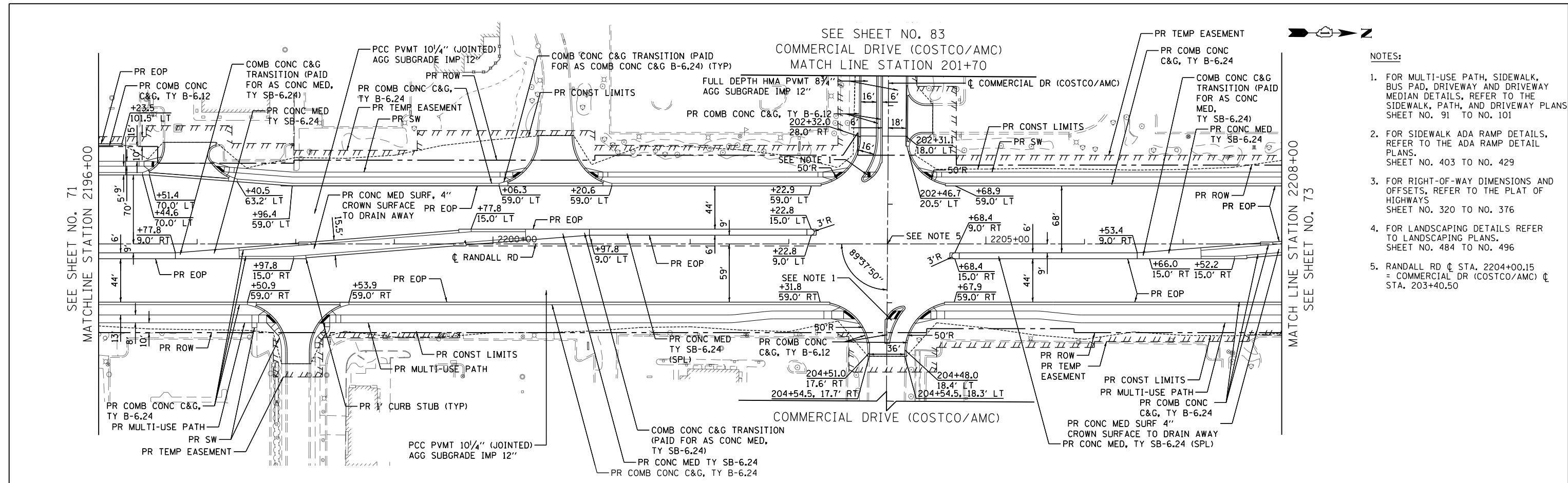
SCALE: 1"=50' HORIZ  
1"=5' VERT

SHEET 5 OF 24 SHEETS STA 2184+00 TO STA 2196+00

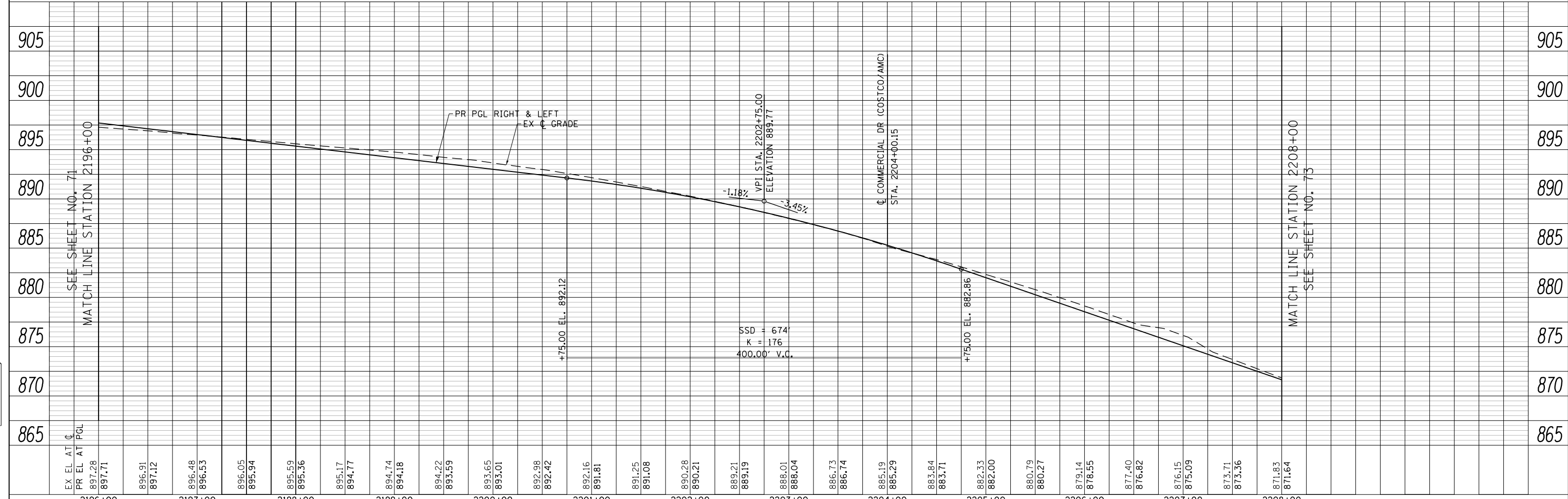
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	71
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKO		
	NO.		



- NOTES:
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496
  5. RANDALL RD C STA. 2204+00.15 = COMMERCIAL DR (COSTCO/AMC) C STA. 203+40.50



USER NAME = mrc155	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN-sht-PAP-6.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RANDALL ROAD PLAN AND PROFILE

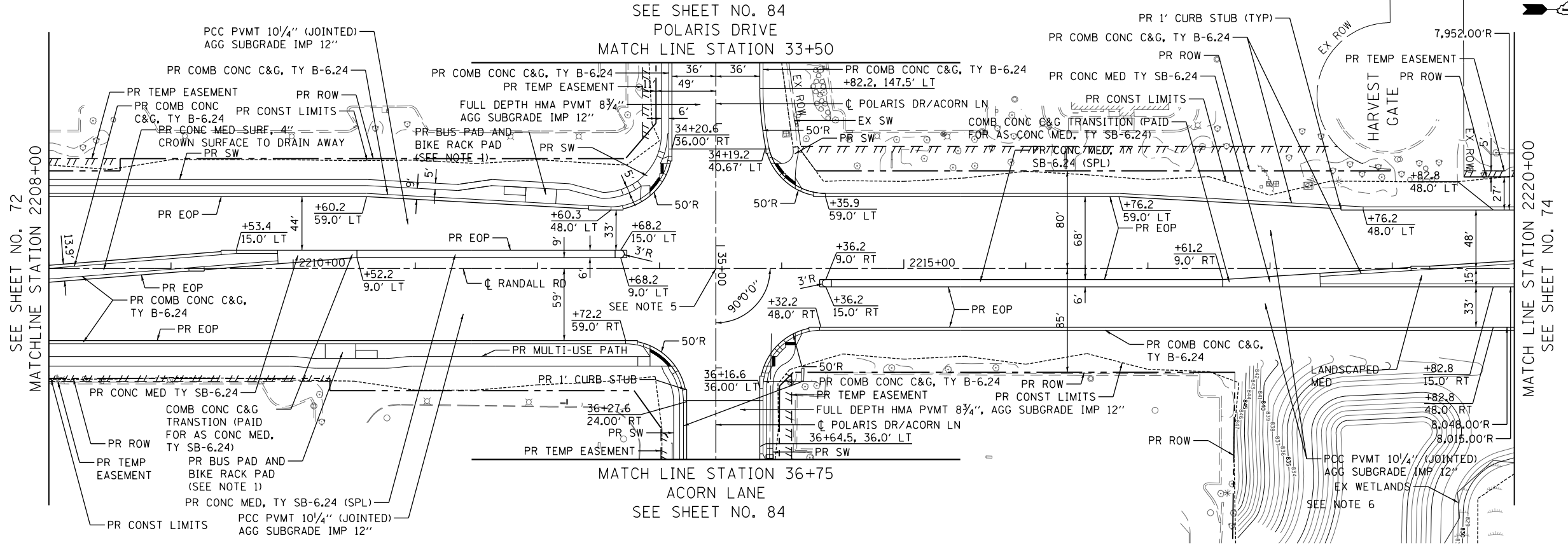
SCALE: 1"=50' HORIZ  
1"=5' VERT SHEET 6 OF 24 SHEETS STA 2196+00 TO STA 2208+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	72
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

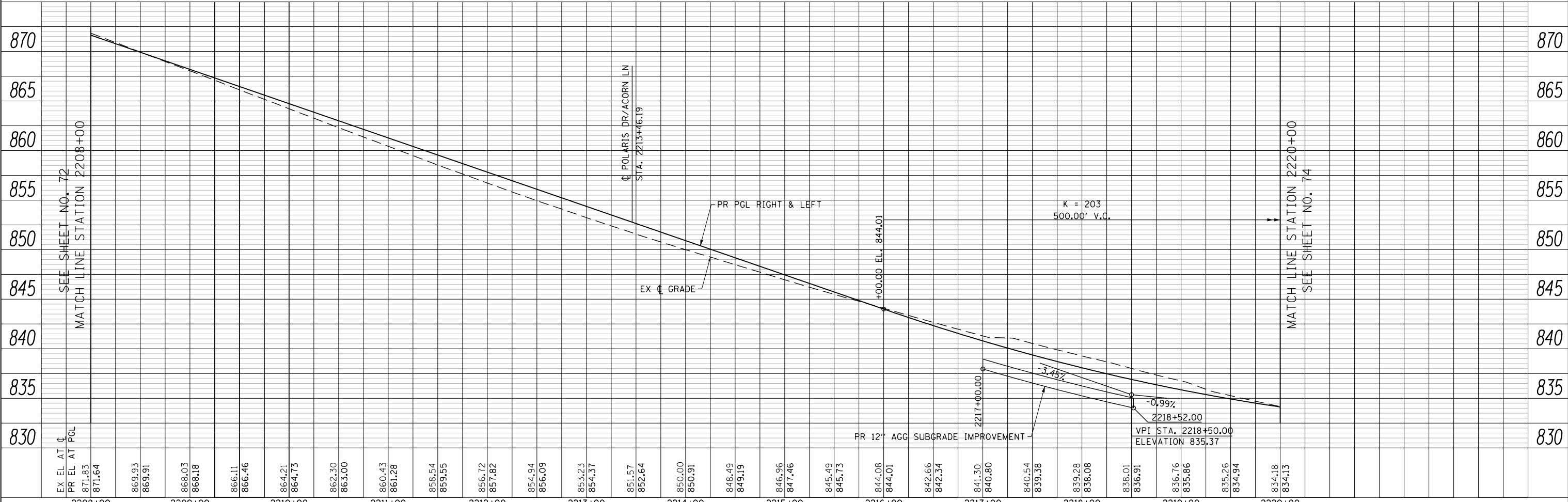


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	NO.		



- NOTES:
- FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  - FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  - FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  - FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496
  - RANDALL RD C STA. 2213+46.19 = POLARIS DR/ACORN LN C STA. 35+18.63
  - FOR POND GRADING DETAILS REFER TO POND GRADING PLANS, SHEET NO. 297 TO NO. 299
- PROP. CURVE PRANDL6  
PI STA. = 2221+79.87  
Δ = 2° 49' 21" (LT)  
D = 0° 42' 58"  
R = 8,000.00'  
T = 197.09'  
L = 394.11'  
E = 2.43'  
e = N/A  
T.R. = N/A  
S.E. RUN = N/A  
P.C. STA. = 2219+82.77  
P.T. STA. = 2223+76.88



USER NAME =	mrc1ss	DESIGNED -	WBL	REVISED -	
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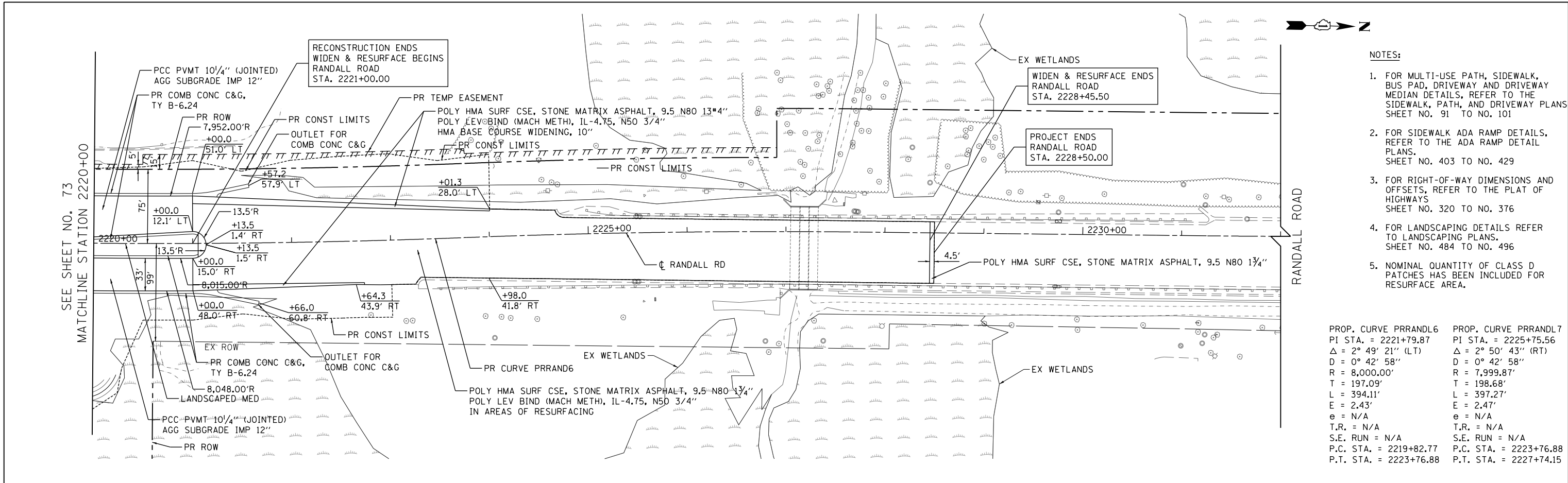
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RANDALL ROAD PLAN AND PROFILE  
SCALE: 1"=50' HORIZ  
1"=5' VERT  
SHEET 7 OF 24 SHEETS  
STA 2208+00 TO STA 2220+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	73
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

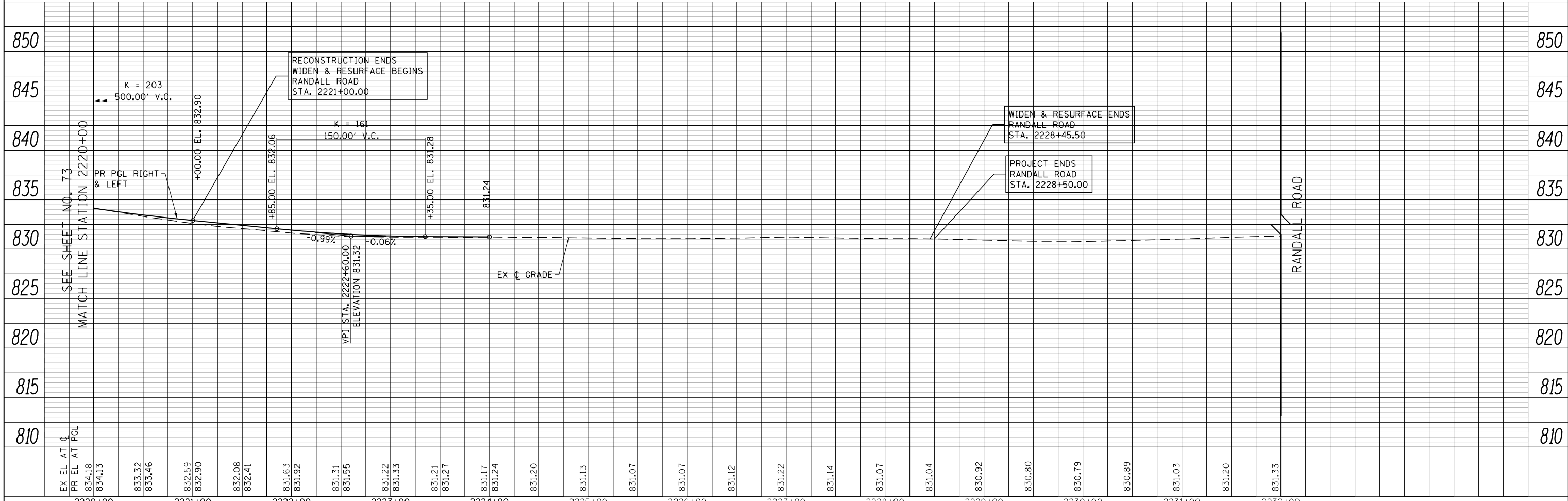
PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. _____	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. _____	
	FILE NAME	



- NOTES:**
- FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  - FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  - FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  - FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496
  - NOMINAL QUANTITY OF CLASS D PATCHES HAS BEEN INCLUDED FOR RESURFACE AREA.

PROP. CURVE PRRANDL6 PI STA. = 2221+79.87 Δ = 2° 49' 21" (LT) D = 0° 42' 58" R = 8,000.00' T = 197.09' L = 394.11' E = 2.43' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA. = 2219+82.77 P.T. STA. = 2223+76.88	PROP. CURVE PRRANDL7 PI STA. = 2225+75.56 Δ = 2° 50' 43" (RT) D = 0° 42' 58" R = 7,999.87' T = 198.68' L = 397.27' E = 2.47' e = N/A T.R. = N/A S.E. RUN = N/A P.C. STA. = 2223+76.88 P.T. STA. = 2227+74.15
--	--



USER NAME = mrc155	DESIGNED - WBL	REVISED -
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PLOT SCALE = 100.0000' / 1in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

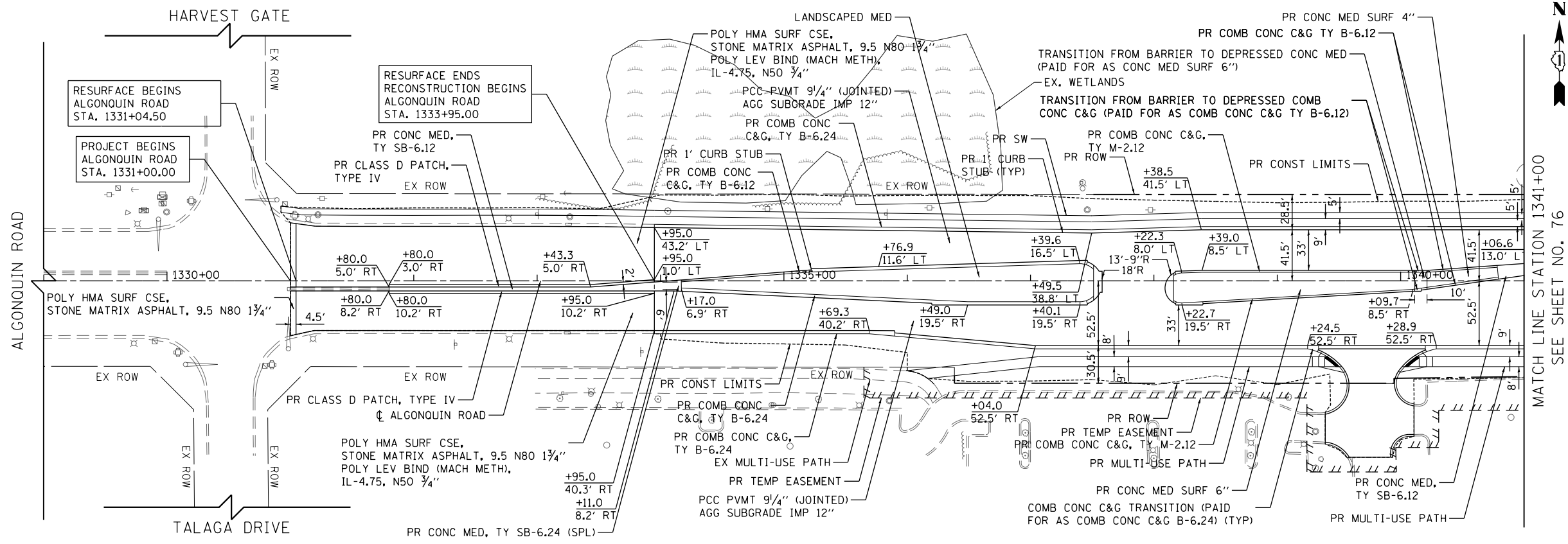
**RANDALL ROAD PLAN AND PROFILE**

SCALE: 1"=50' HORIZ 1"=5' VERT SHEET 8 OF 24 SHEETS STA 2220+00 TO STA 2232+00

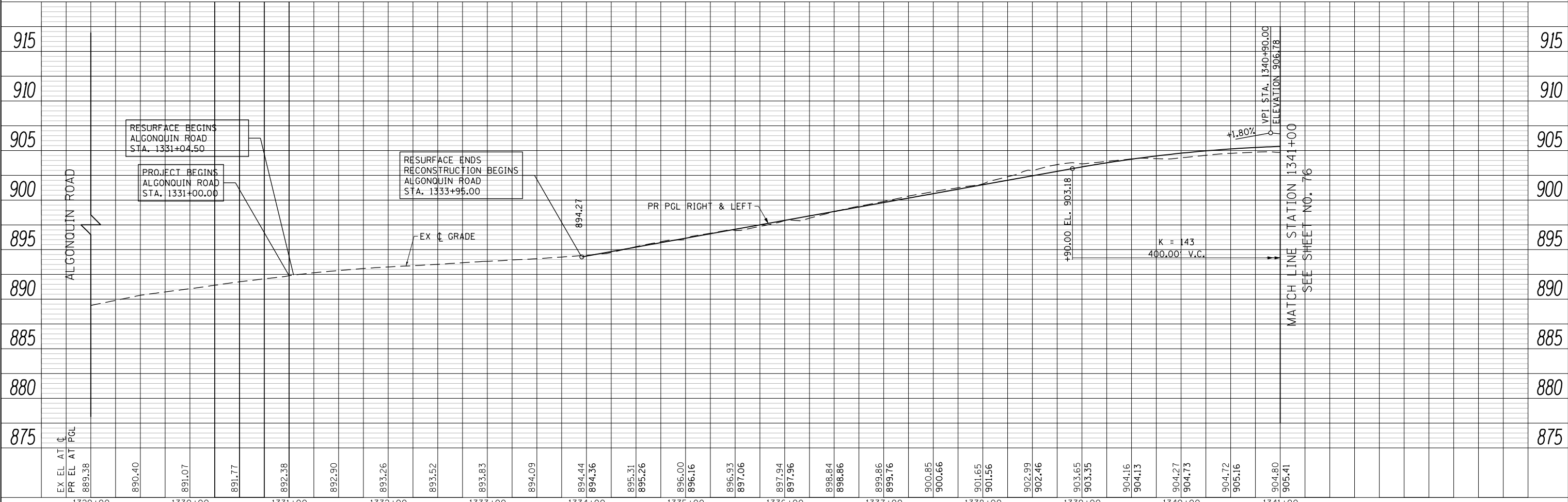
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	74
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. 1		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. 1		



- NOTES:**
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496



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PLOT SCALE = 100.0000' / 1in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ALGONQUIN ROAD PLAN AND PROFILE</b>			
SCALE: 1"=50' HORIZ 1"=5' VERT	SHEET 9	OF 24 SHEETS	STA 1329+00 TO STA 1341+00

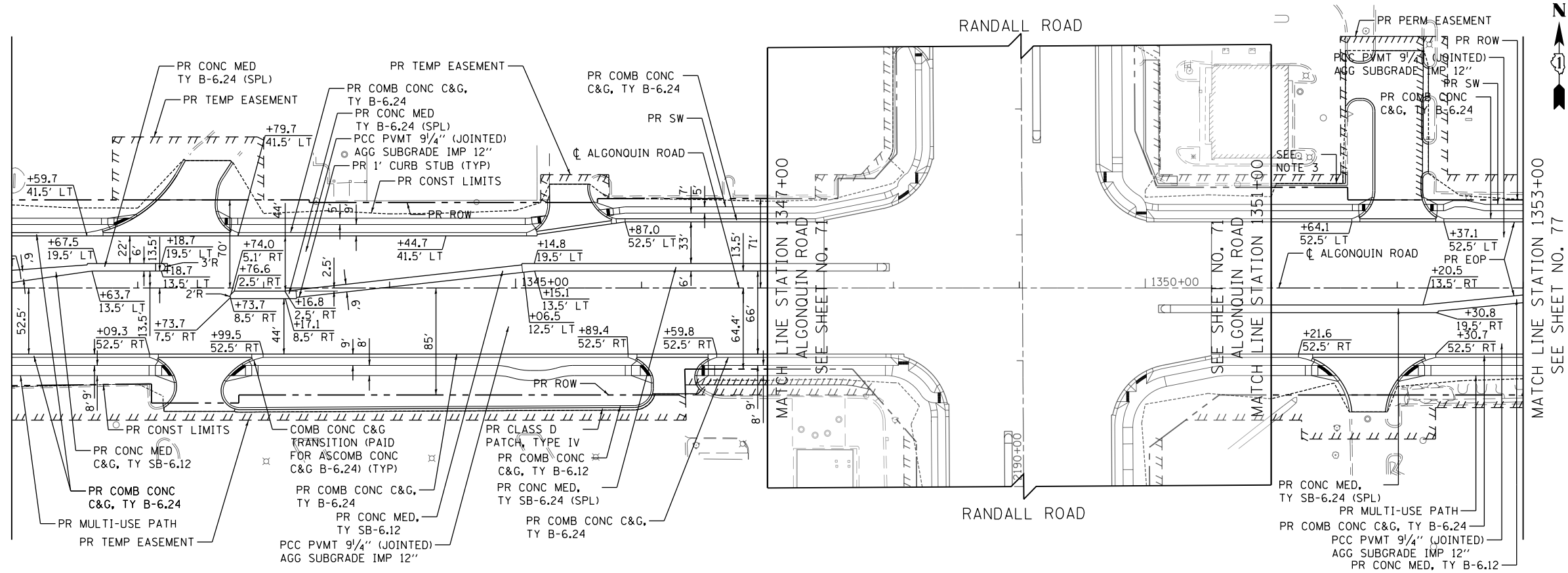
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	75
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	CAD FILE NAME		
	NO.		

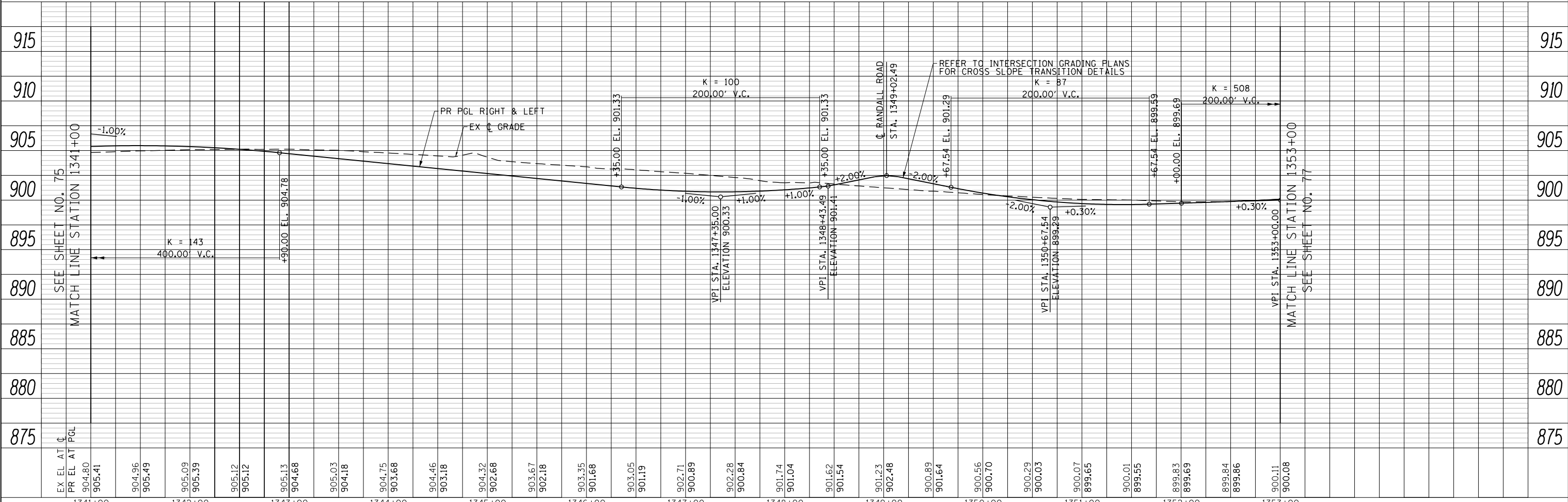
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



SEE SHEET NO. 75  
MATCHLINE STATION 1341+00



- NOTES:**
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496



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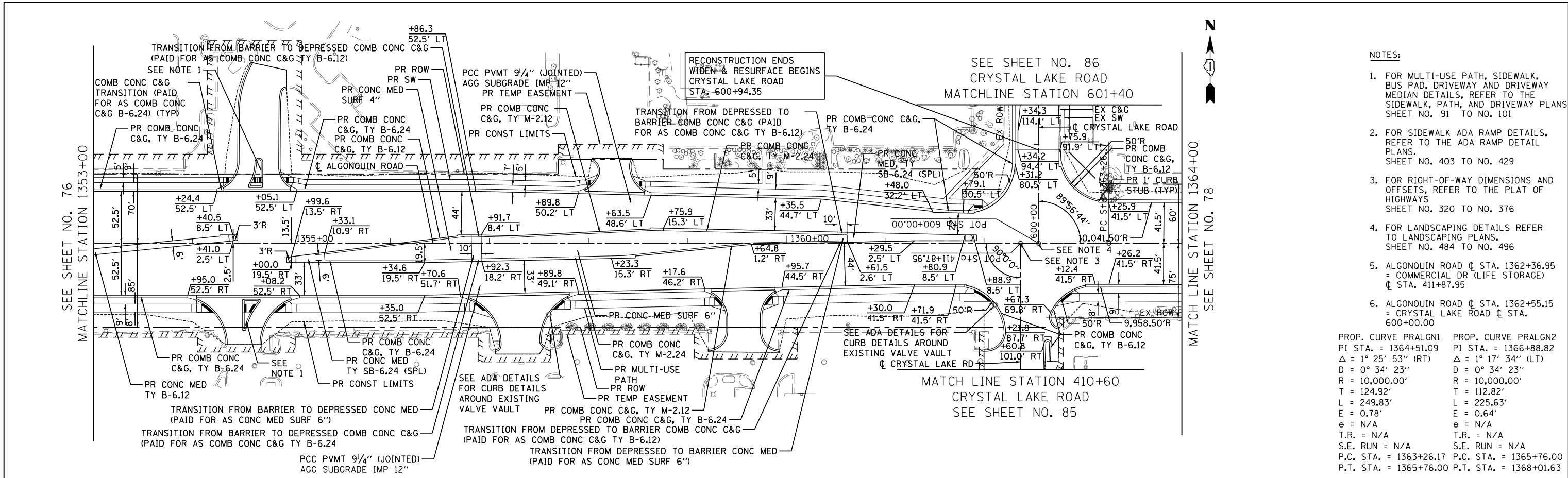
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ALGONQUIN ROAD PLAN AND PROFILE</b>			
SCALE: 1"=50' HORIZ 1"=5' VERT	SHEET 10	OF 24 SHEETS	STA 1341+00 TO STA 1353+00

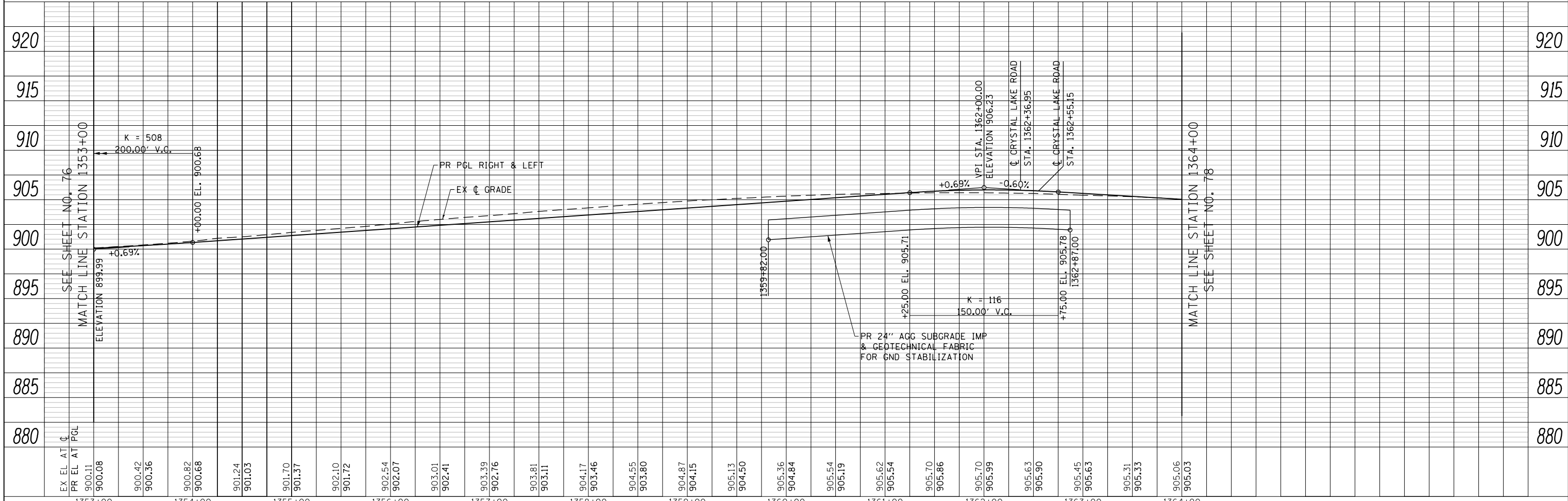
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	76
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

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

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



- NOTES:**
- FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  - FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  - FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  - FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496
  - ALGONQUIN ROAD C/C STA. 1362+36.95 = COMMERCIAL DR (LIFE STORAGE) C/C STA. 411+87.95
  - ALGONQUIN ROAD C/C STA. 1362+55.15 = CRYSTAL LAKE ROAD C/C STA. 600+00.00
- PROP. CURVE PRALGN1  
 PI STA. = 1364+51.09  
 Δ = 1° 25' 53" (RT)  
 D = 0° 34' 23"  
 R = 10,000.00'  
 T = 124.92'  
 L = 249.83'  
 E = 0.78'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A
- PROP. CURVE PRALGN2  
 PI STA. = 1366+88.82  
 Δ = 1° 17' 34" (LT)  
 D = 0° 34' 23"  
 R = 10,000.00'  
 T = 112.82'  
 L = 225.63'  
 E = 0.64'  
 e = N/A  
 T.R. = N/A  
 S.E. RUN = N/A



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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

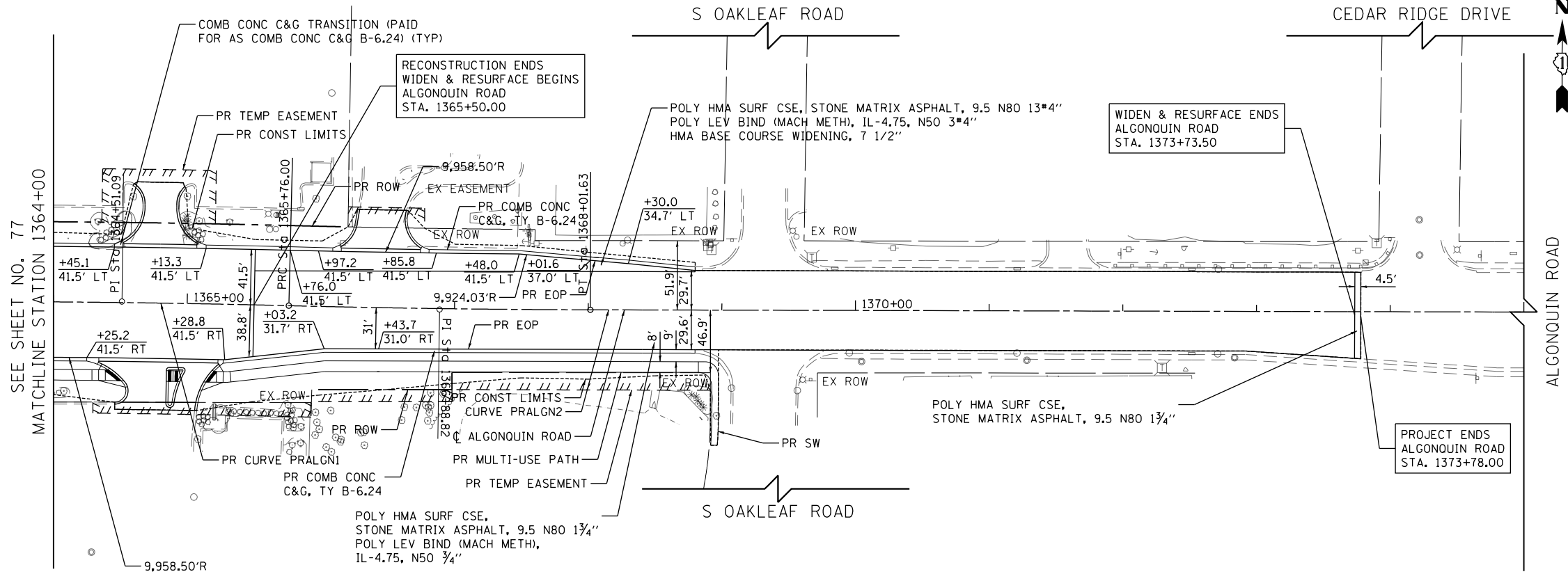
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ALGONQUIN ROAD PLAN AND PROFILE</b>			
SCALE: 1"=50' HORIZ 1"=5' VERT	SHEET 11	OF 24 SHEETS	STA 1353+00 TO STA 1364+00

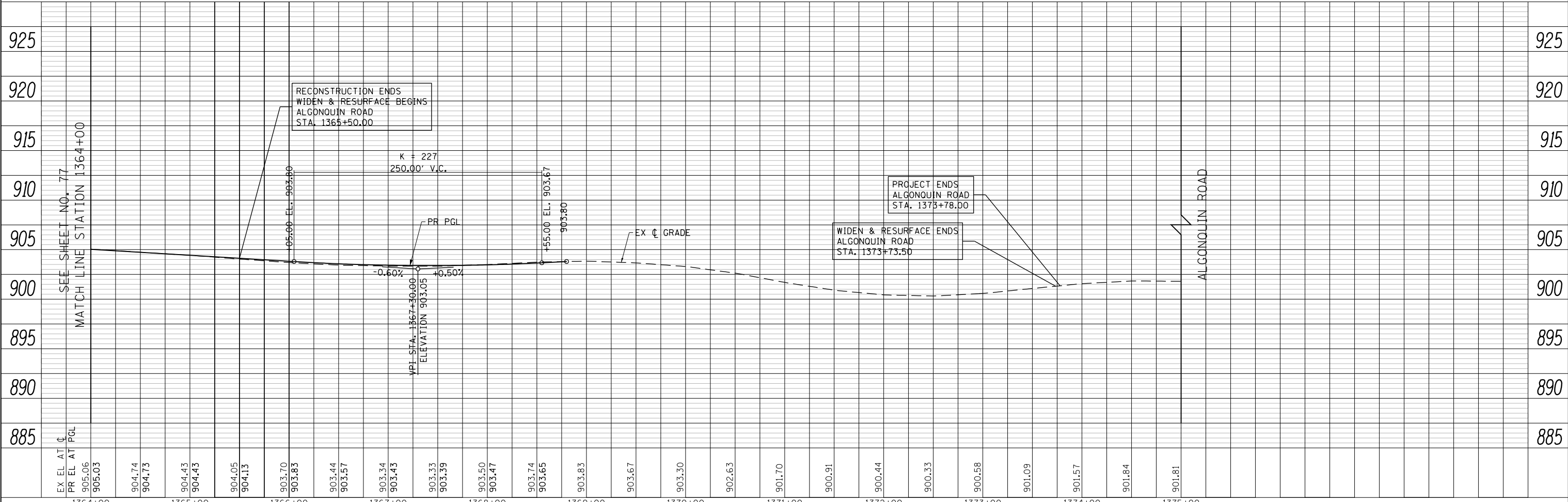
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	77
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO.		



- NOTES:
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496
  5. NOMINAL QUANTITY OF CLASS D PATCHES HAS BEEN INCLUDED FOR RESURFACE AREA.



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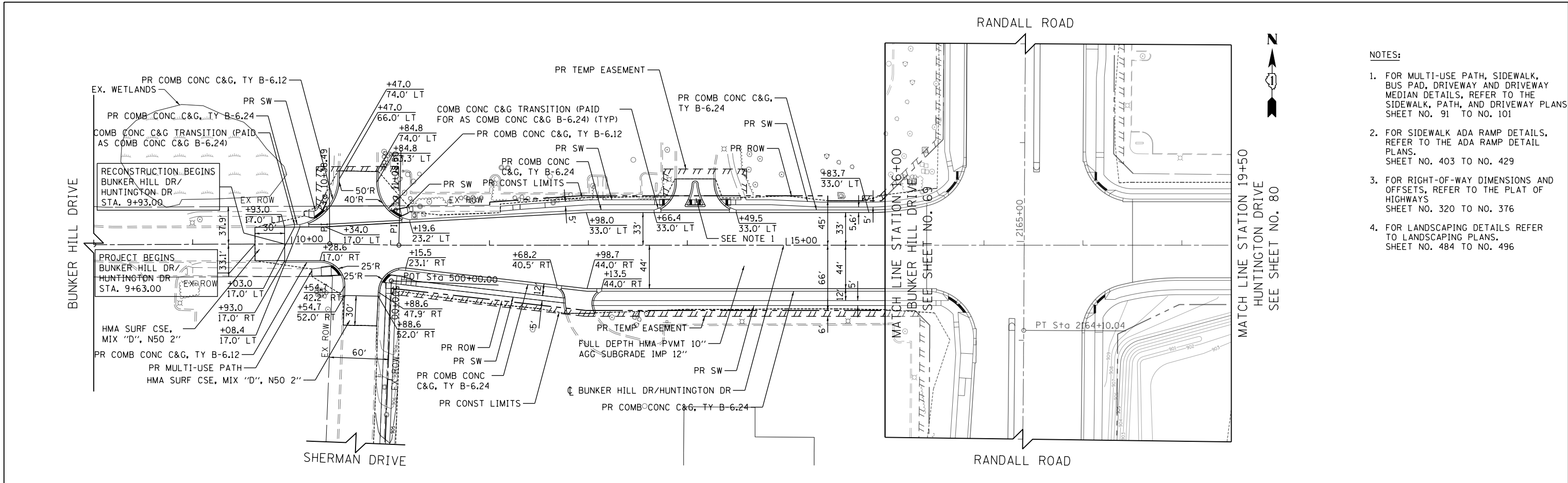
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALGONQUIN ROAD PLAN AND PROFILE  
SCALE: 1"=50' HORIZ  
1"=5' VERT  
SHEET 12 OF 24 SHEETS  
STA 1364+00 TO STA 1375+00

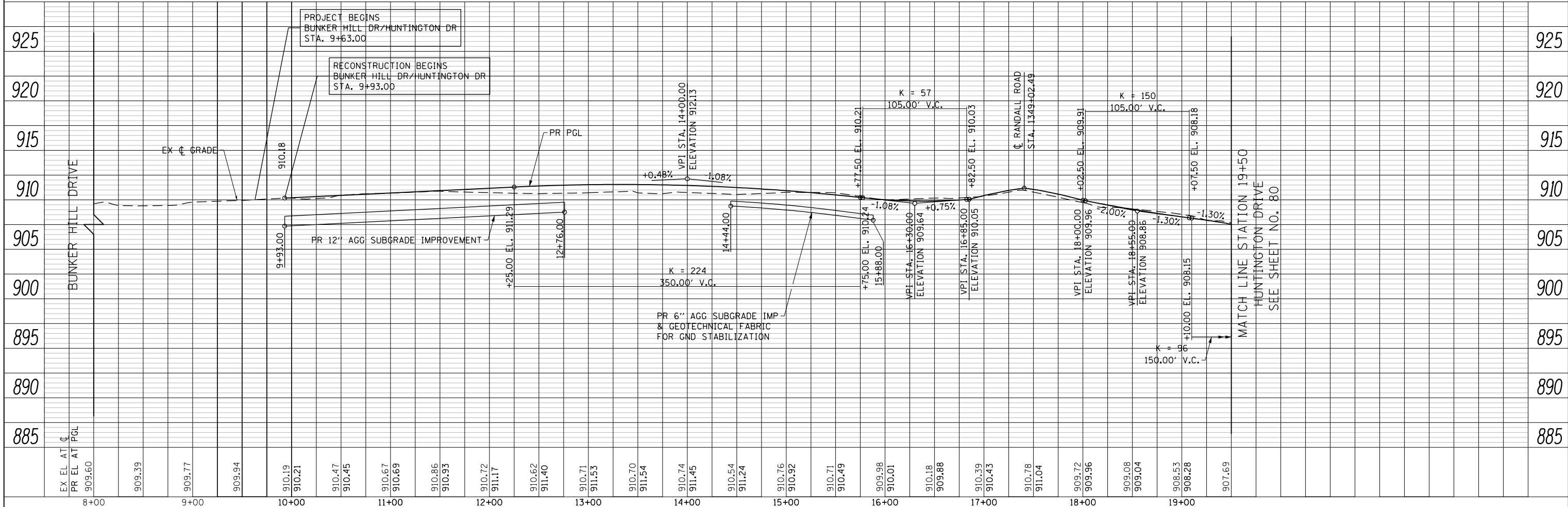
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	78
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO.		

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



- NOTES:**
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496



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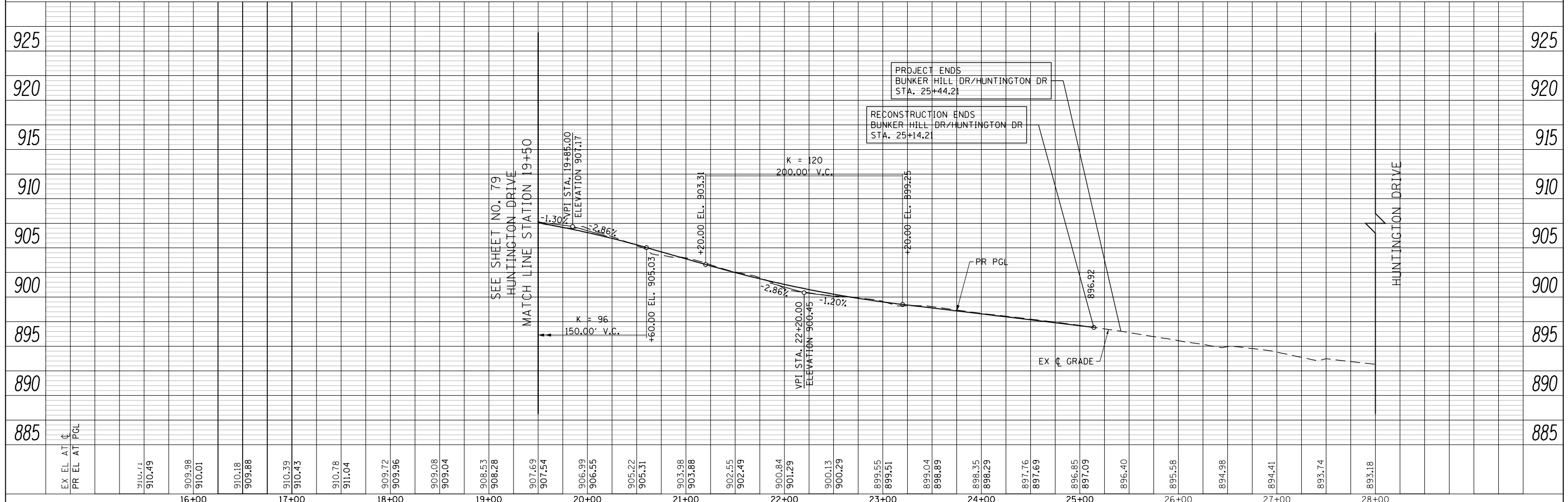
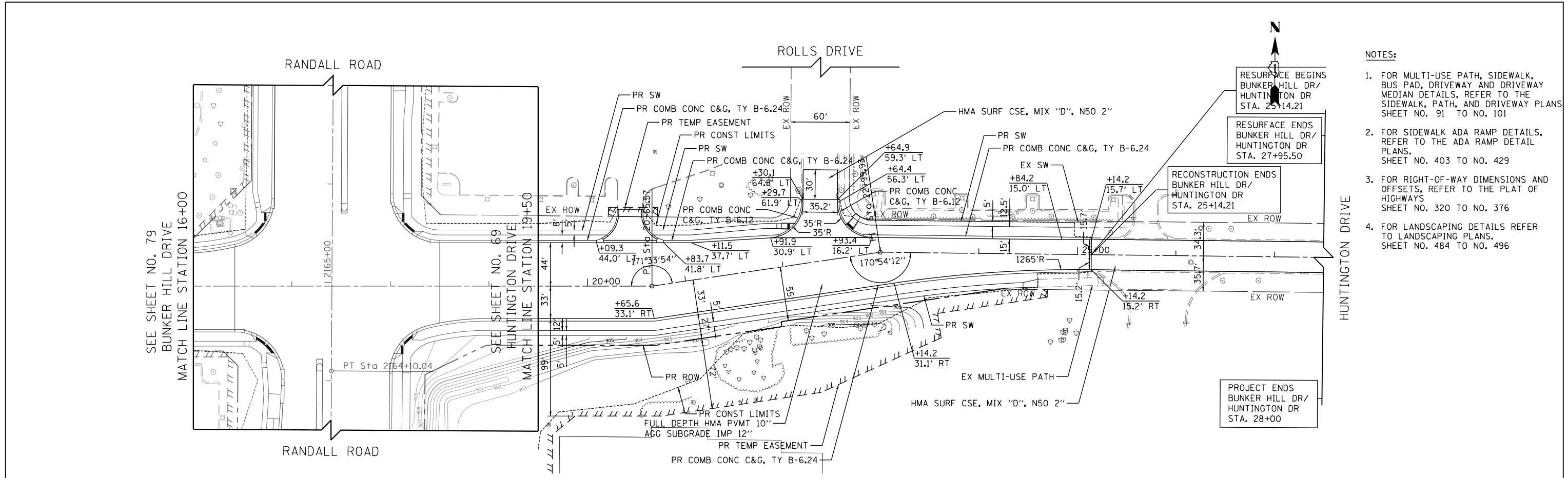
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUNKER HILL DRIVE PLAN AND PROFILE**  
SCALE: 1"=50' HORIZ  
1"=5' VERT SHEET 13 OF 24 SHEETS STA 8+00 TO STA 16+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	79
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	NO.		



- NOTES:
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496

USER NAME = mrc155	DESIGNED - WBL	REVISED -
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PLOT SCALE = 100.0000' / 1in.	CHECKED - RCB	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

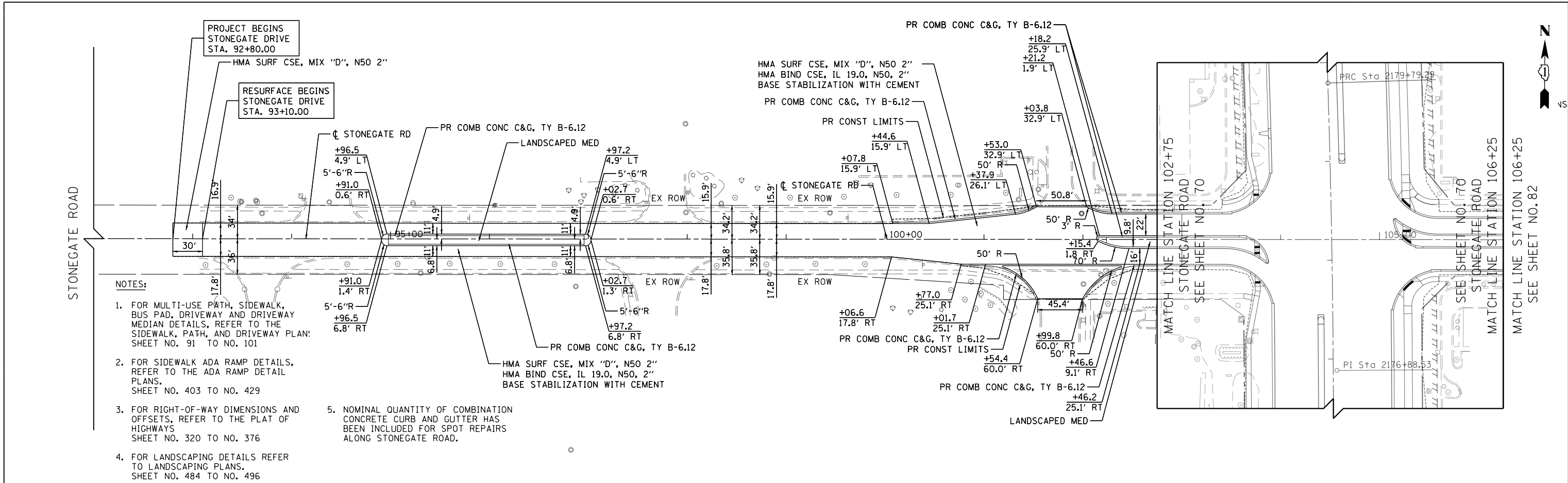
HUNTINGTON DRIVE PLAN AND PROFILE  
SCALE: 1"=50' HORIZ  
1"=5' VERT  
SHEET 14 OF 24 SHEETS  
STA 19+50 TO STA 27+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	80
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

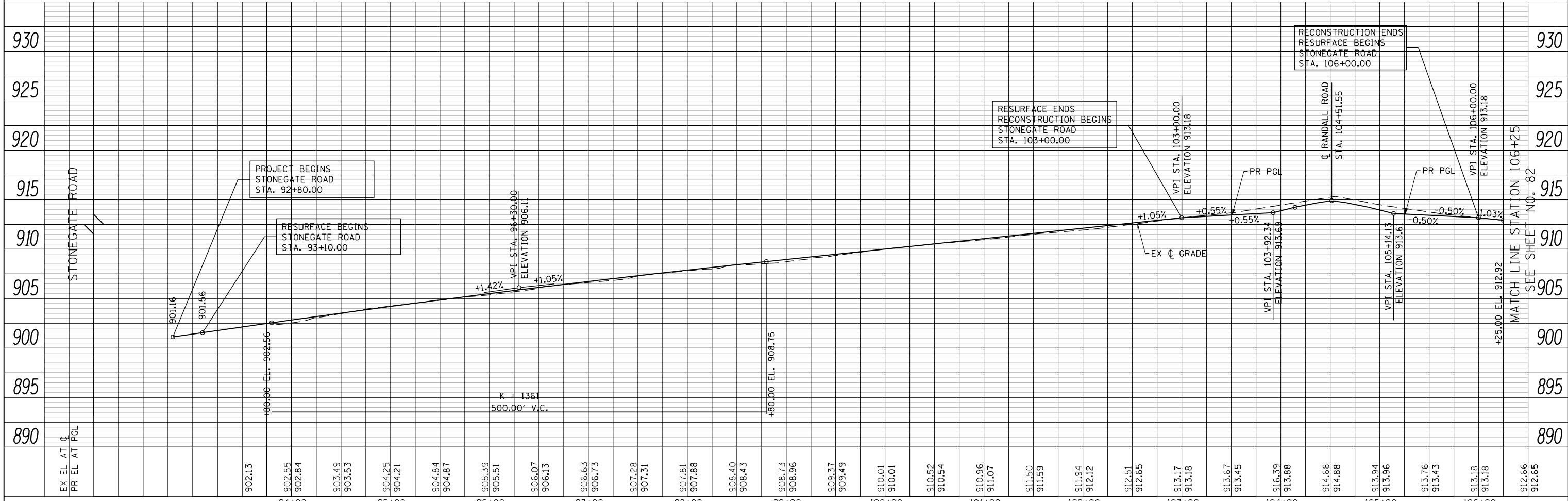


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	CAD FILE NAME		
	NO.		

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



- NOTES:
- FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLAN: SHEET NO. 91 TO NO. 101
  - FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS. SHEET NO. 403 TO NO. 429
  - FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  - FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS. SHEET NO. 484 TO NO. 496
  - NOMINAL QUANTITY OF COMBINATION CONCRETE CURB AND GUTTER HAS BEEN INCLUDED FOR SPOT REPAIRS ALONG STONEGATE ROAD.



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

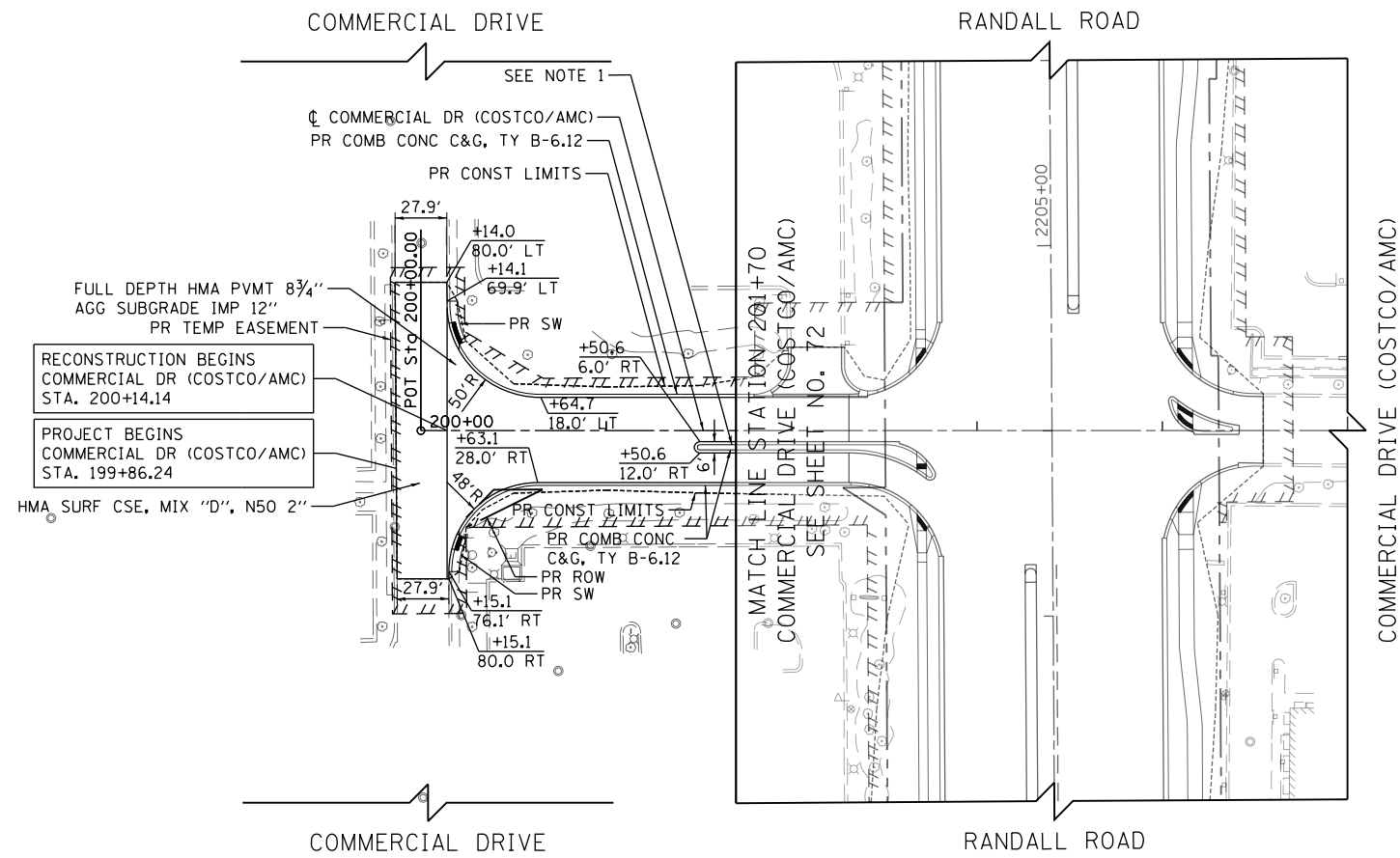
STONEGATE ROAD PLAN AND PROFILE  
SCALE: 1"=50' HORIZ  
1"=5' VERT  
SHEET 15 OF 24 SHEETS  
STA 92+00 TO STA 106+25

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	81
CONTRACT NO. 61E53			ILLINOIS FED. AID PROJECT	

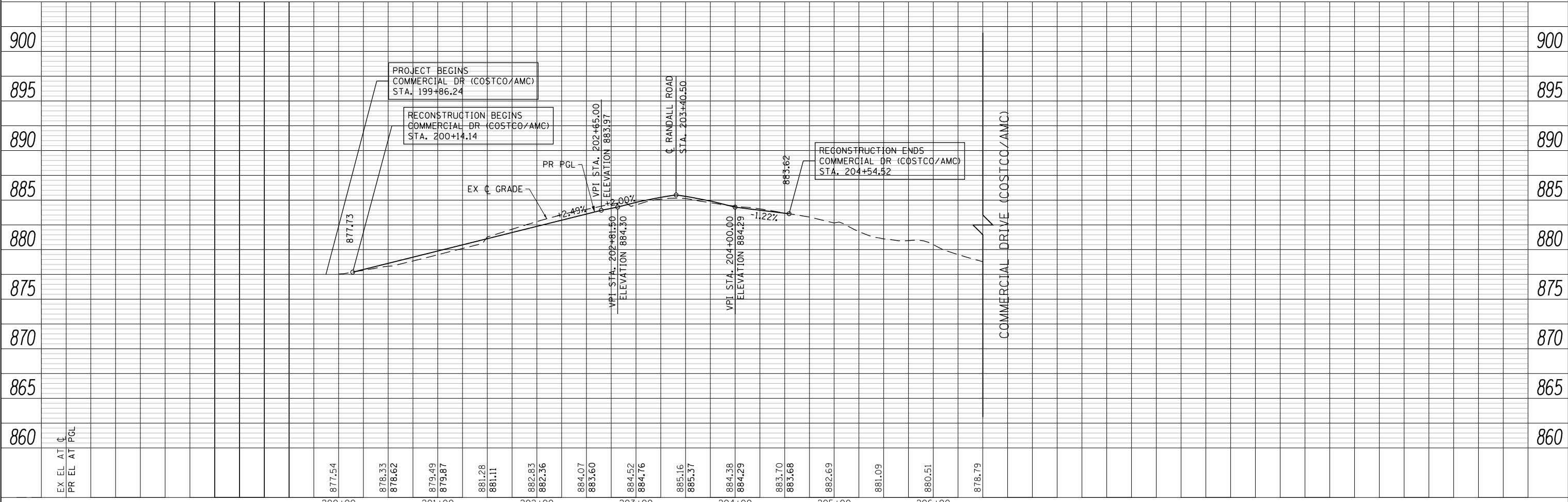


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



- NOTES:
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMERCIAL DRIVE (COSTCO/AMC) PLAN AND PROFILE

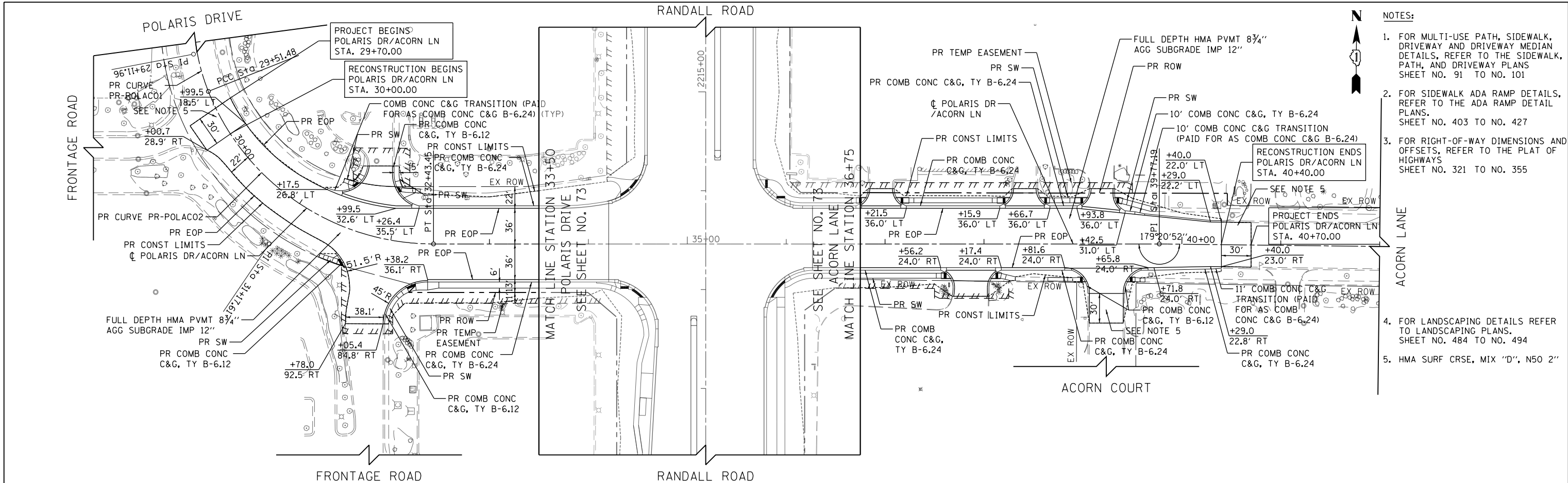
SCALE: 1"=50' HORIZ  
1"=5' VERT

SHEET 17 OF 24 SHEETS STA 200+00 TO STA 205+00

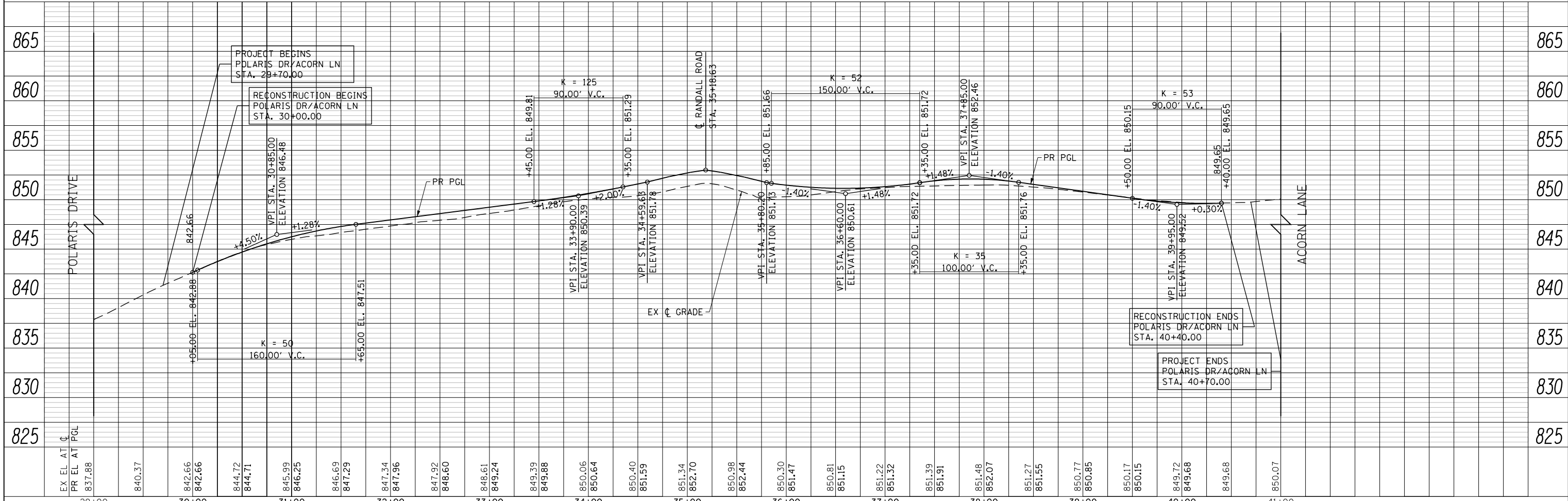
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	83
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	APPROVED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	APPROVED		
	FILE NAME		
	NO.		



- NOTES:**
- FOR MULTI-USE PATH, SIDEWALK, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  - FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS. SHEET NO. 403 TO NO. 427
  - FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 321 TO NO. 355
  - FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS. SHEET NO. 484 TO NO. 494
  - HMA SURF CRSE, MIX "D", N50 2"



EX EL AT C	837.88	840.37	842.66	844.72	844.71	845.99	846.25	846.69	847.29	847.34	847.96	847.92	848.60	848.61	849.24	849.39	849.88	850.06	850.64	850.40	851.59	851.34	852.70	850.98	852.44	850.30	851.47	850.81	851.15	851.22	851.32	851.39	851.91	851.48	852.07	851.27	851.55	850.77	850.85	850.17	850.15	849.72	849.68	849.68	850.07				
PR EL AT PGL																																																	
	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00	39+00	40+00	41+00																																				

USER NAME = mrc155	DESIGNED - WBL	REVISED -
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PLOT SCALE = 100.0000' / 1in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**POLARIS DRIVE /ACORN LANE PLAN AND PROFILE**

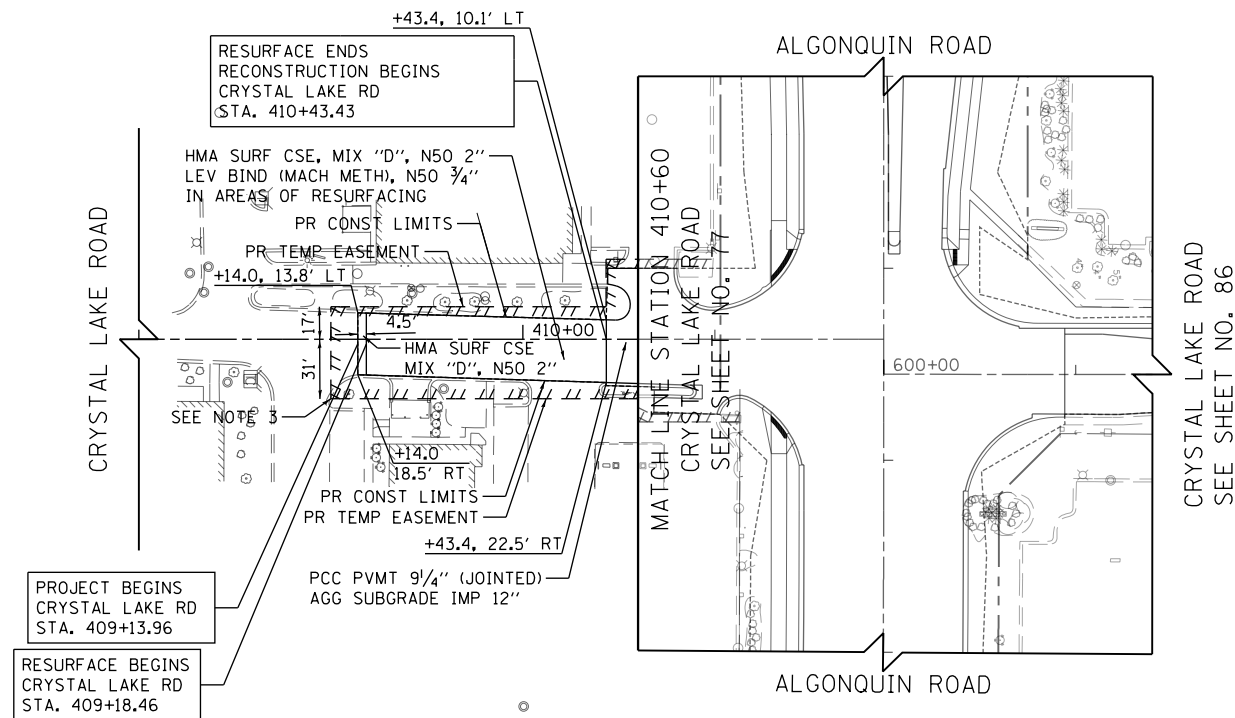
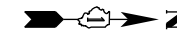
SCALE: 1"=50' HORIZ  
1"=5' VERT

SHEET 18 OF 24 SHEETS STA 29+00 TO STA 42+00

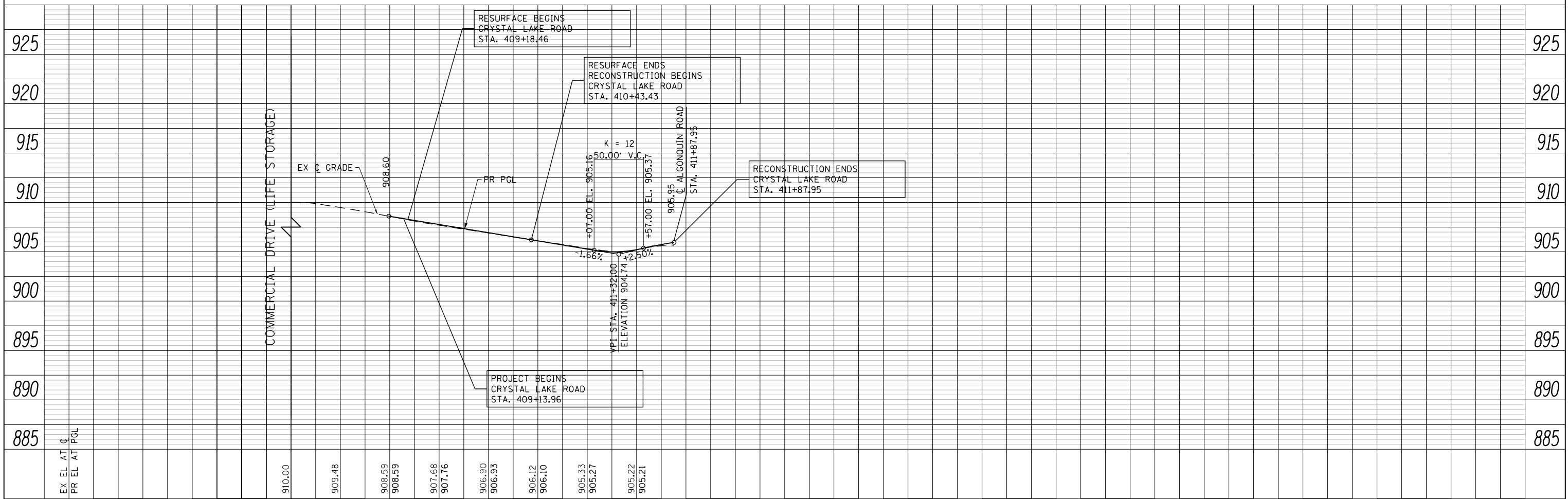
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	84
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	DATE		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		



- NOTES:**
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
FILENAME = D:\NNNN-sht-PAP-24.dgn	DRAWN - MKW	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

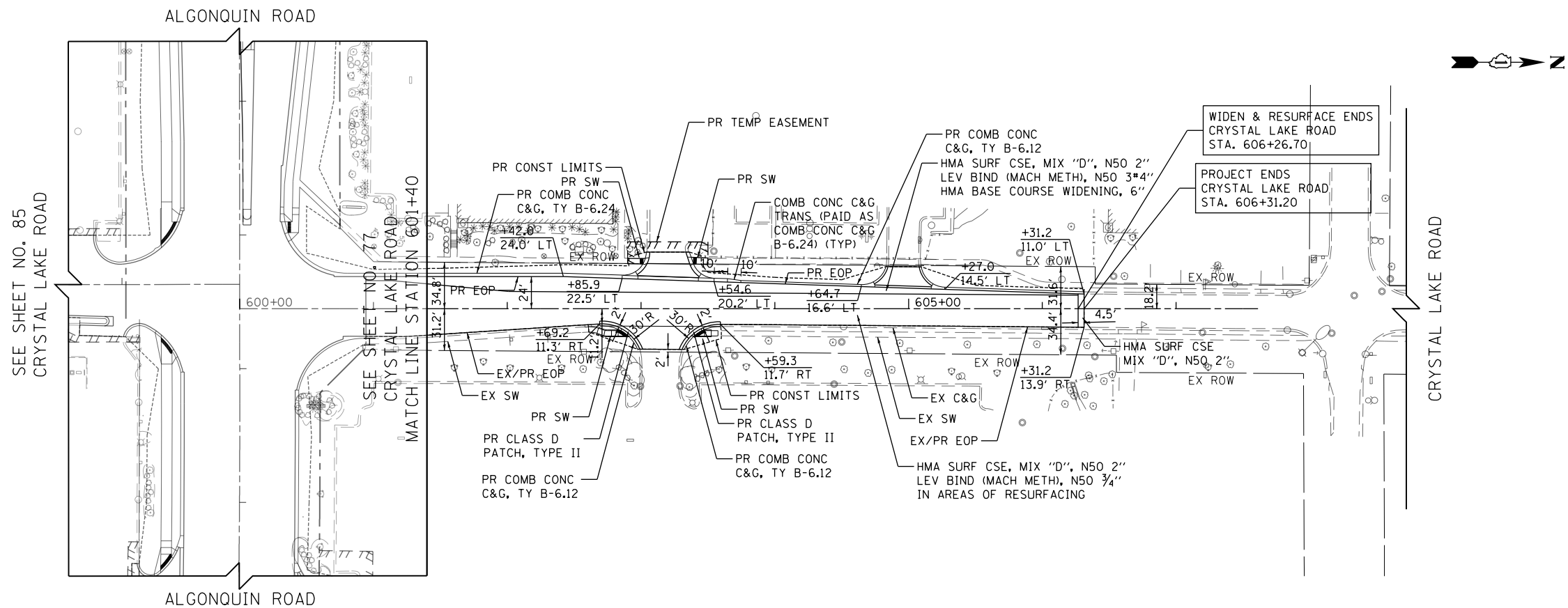
**CRYSTAL LAKE ROAD PLAN AND PROFILE**

SCALE: 1"=50' HORIZ 1"=5' VERT SHEET 19 OF 24 SHEETS STA 408+00 TO STA 410+60

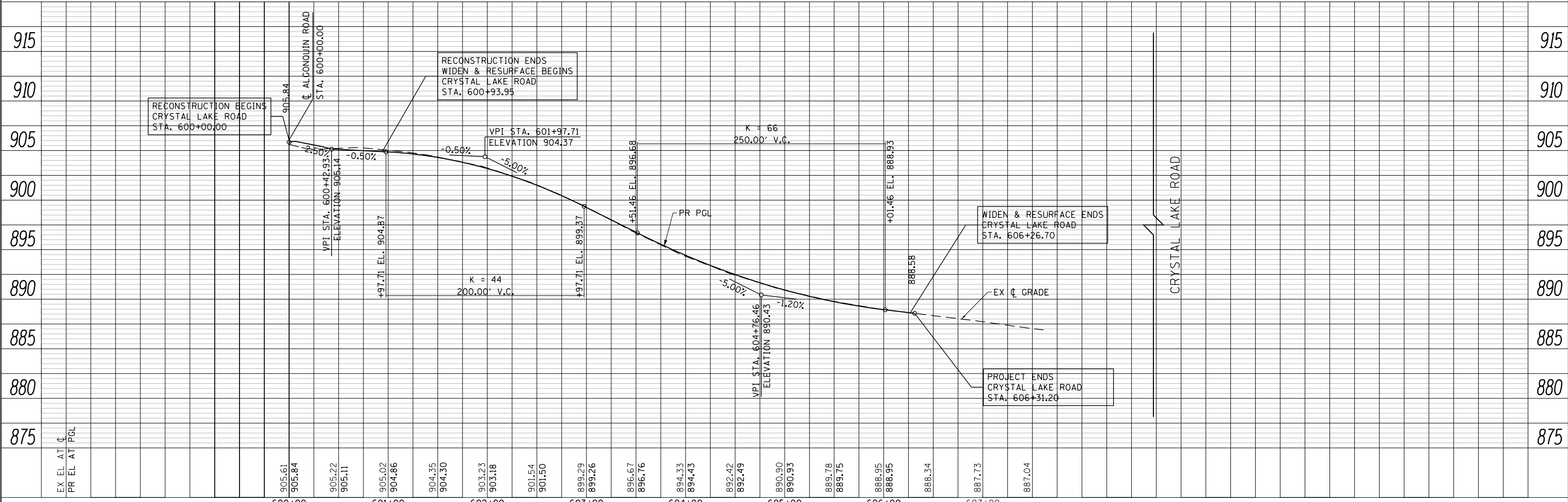
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	85
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	CADD FILE NAME	
	NO.	

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



- NOTES:**
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
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PLOT SCALE = 1/8" = 100.0000' / 1"	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CRYSTAL LAKE ROAD PLAN AND PROFILE**

SCALE: 1"=50' HORIZ  
1"=5' VERT SHEET 20 OF 24 SHEETS STA 600+00 TO STA 607+50

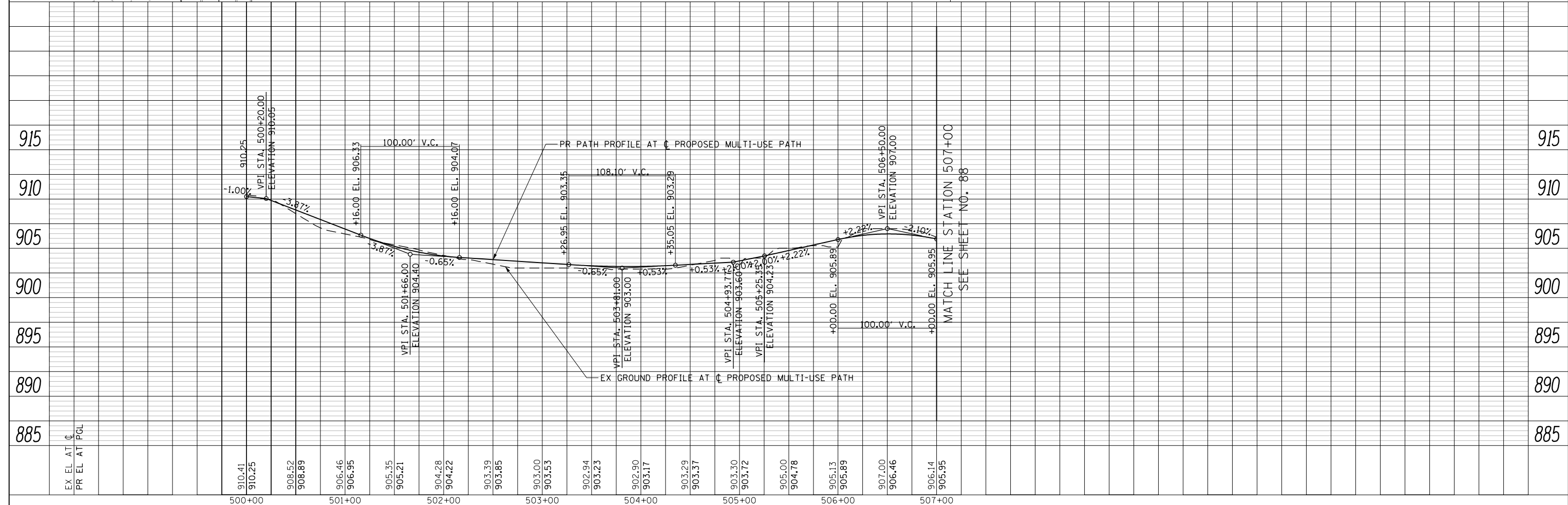
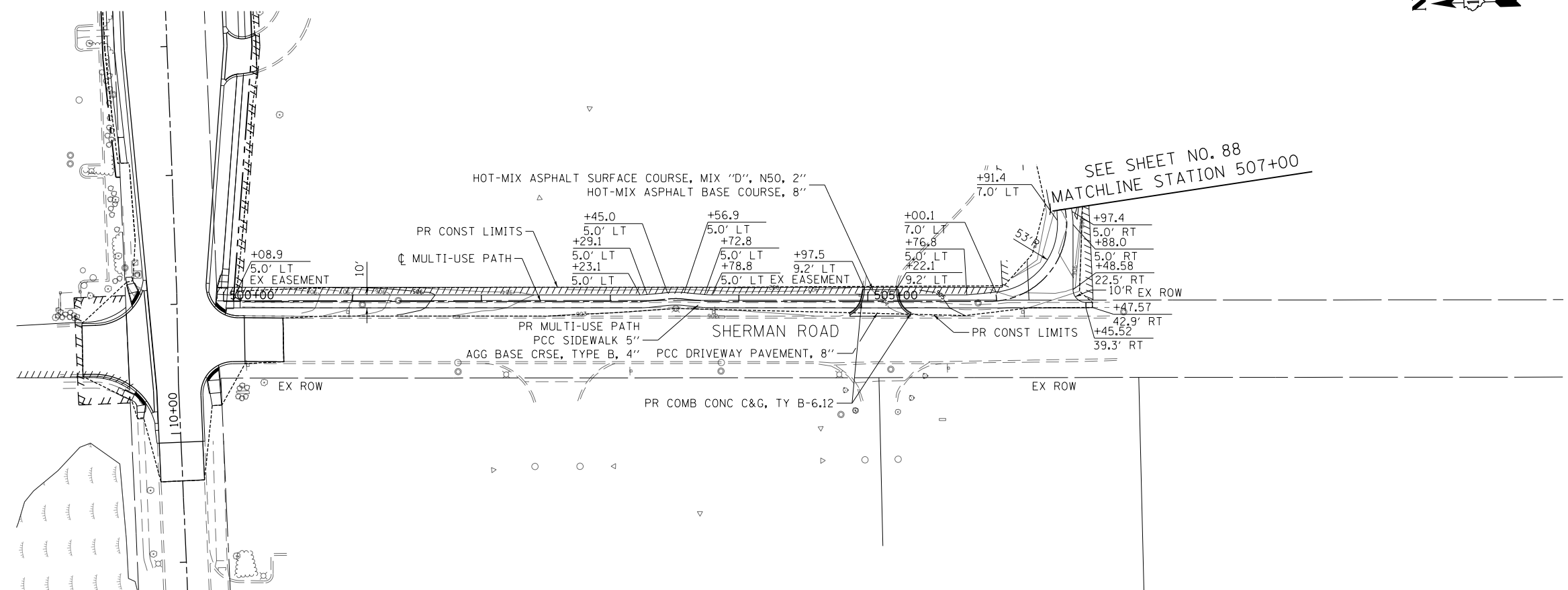
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	86
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHKD		
	NO.		



- NOTES:**
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496



USER NAME = mrc155	DESIGNED - GJE	REVISED -
FILENAME =	DRAWN - GJE	REVISED -
PLOT SCALE = 1/8" = 100.0000' / 1"	CHECKED - DBB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD MULTI-USE PATH  
PLAN AND PROFILE**

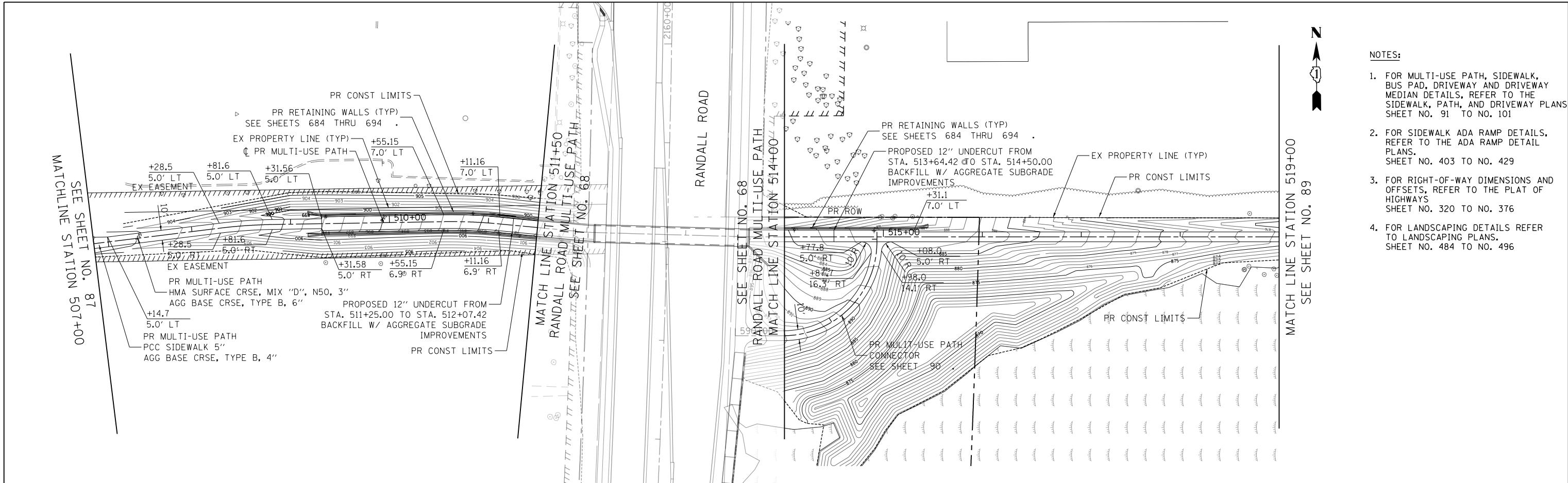
SCALE: 1"=50' HORIZ  
1"=5' VERT

SHEET 21 OF 24 SHEETS STA 500+00 TO STA 507+00

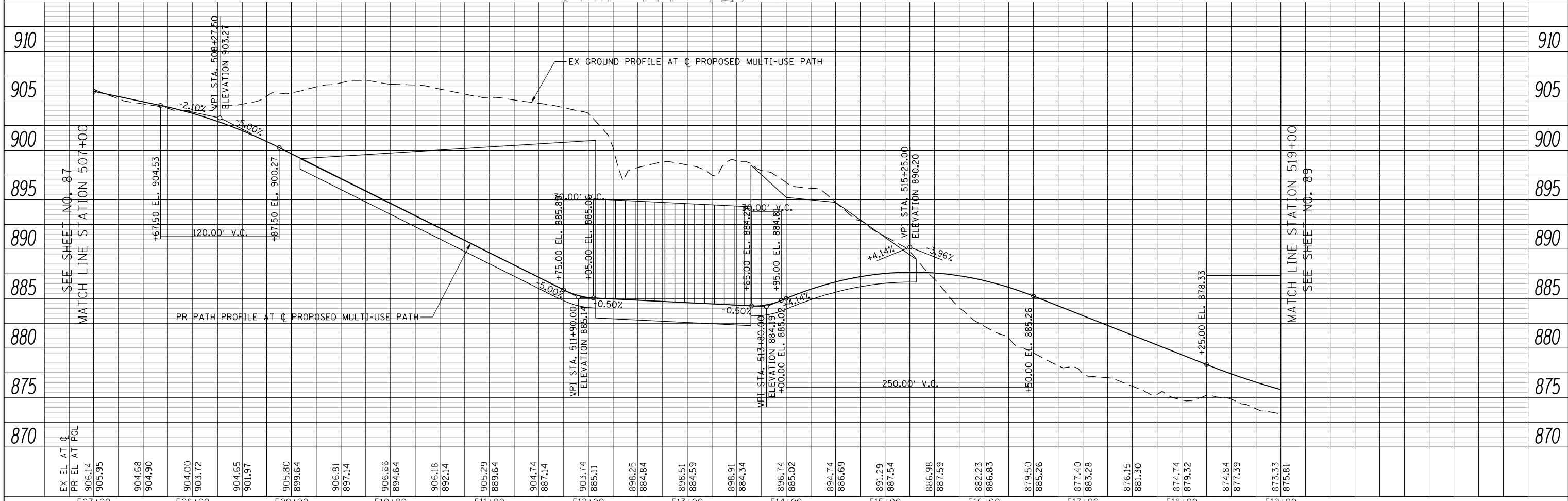
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	87
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



- NOTES:
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496



USER NAME = mrc155	DESIGNED - GJE	REVISED -
FILENAME =	DRAWN - GJE	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DBB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RANDALL ROAD MULTI-USE PATH  
PLAN AND PROFILE  
SCALE: 1"=50' HORIZ  
1"=5' VERT  
SHEET 22 OF 24 SHEETS  
STA 507+00 TO STA 519+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	88
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

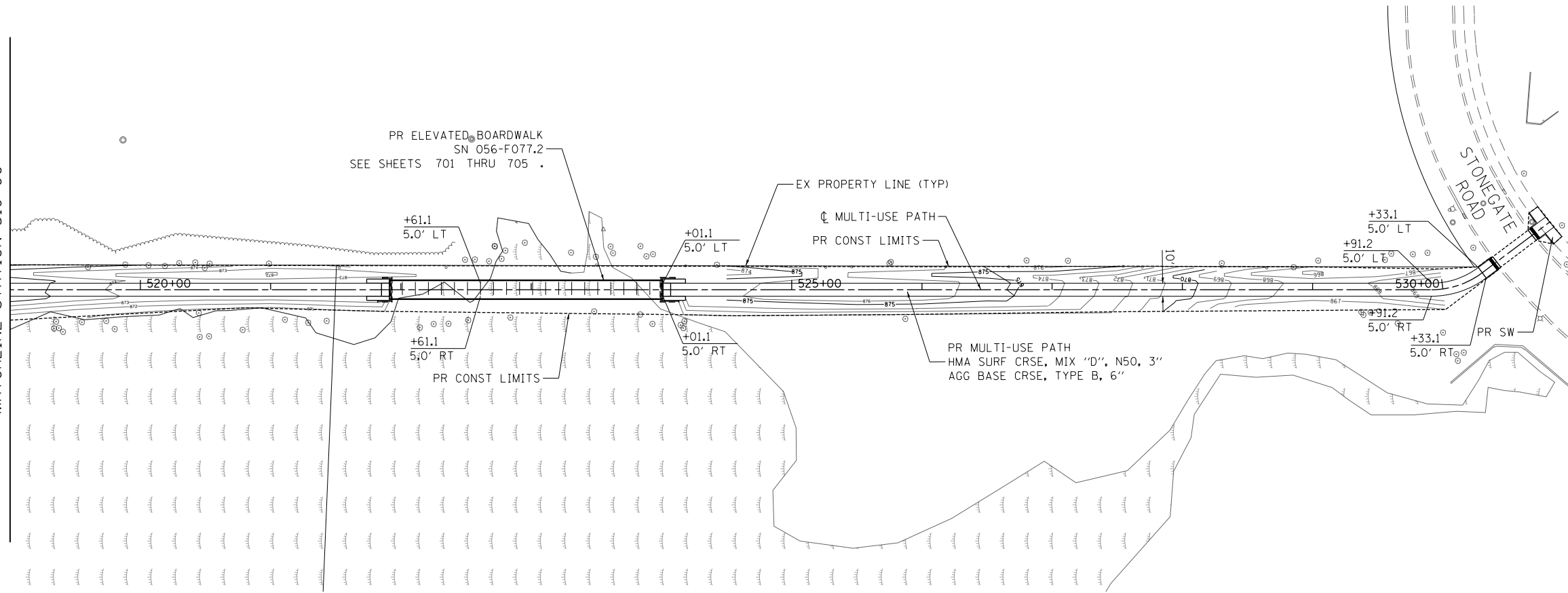


PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	ALIGNMENT		
	STRUCTURE		
	CADD FILE NAME		

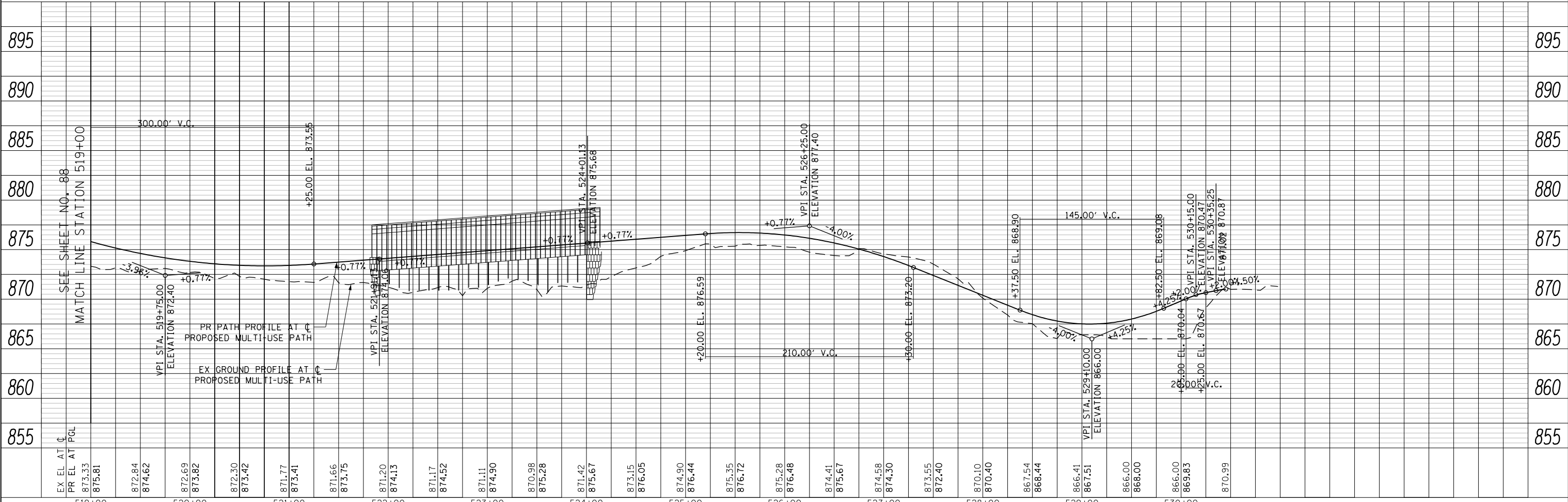
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		



SEE SHEET NO. 88  
MATCHLINE STATION 519+00



- NOTES:**
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496



USER NAME = mrc155	DESIGNED - GJE	REVISED -
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

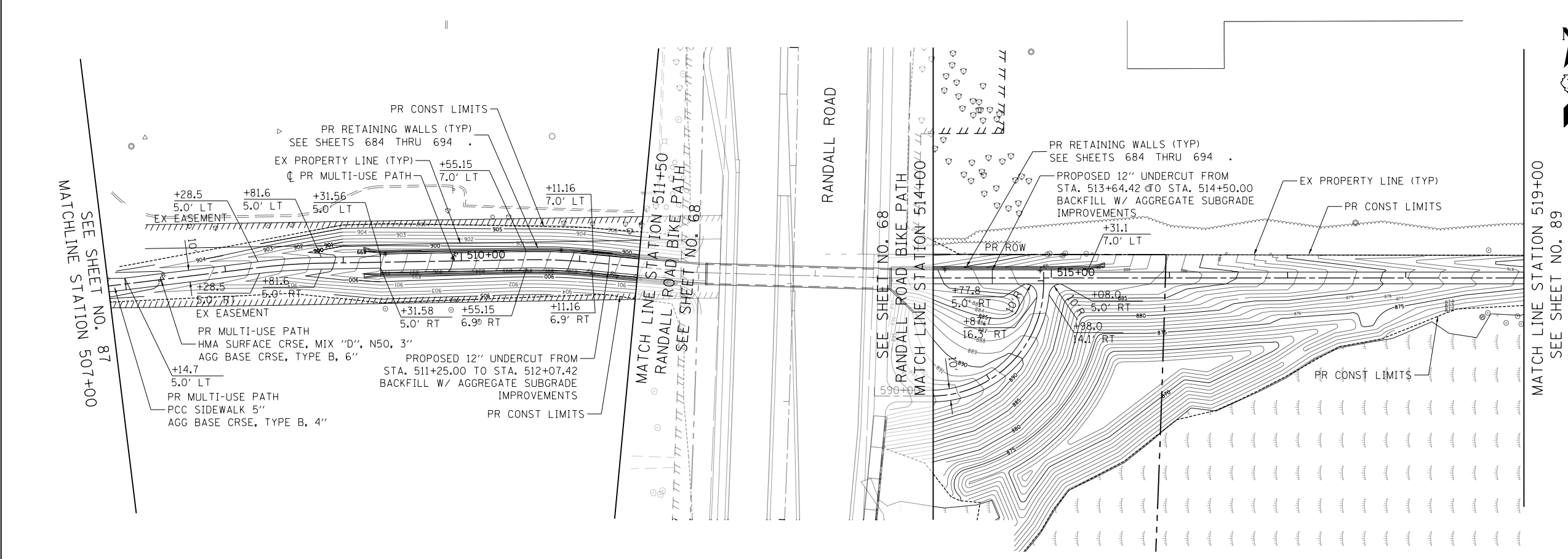
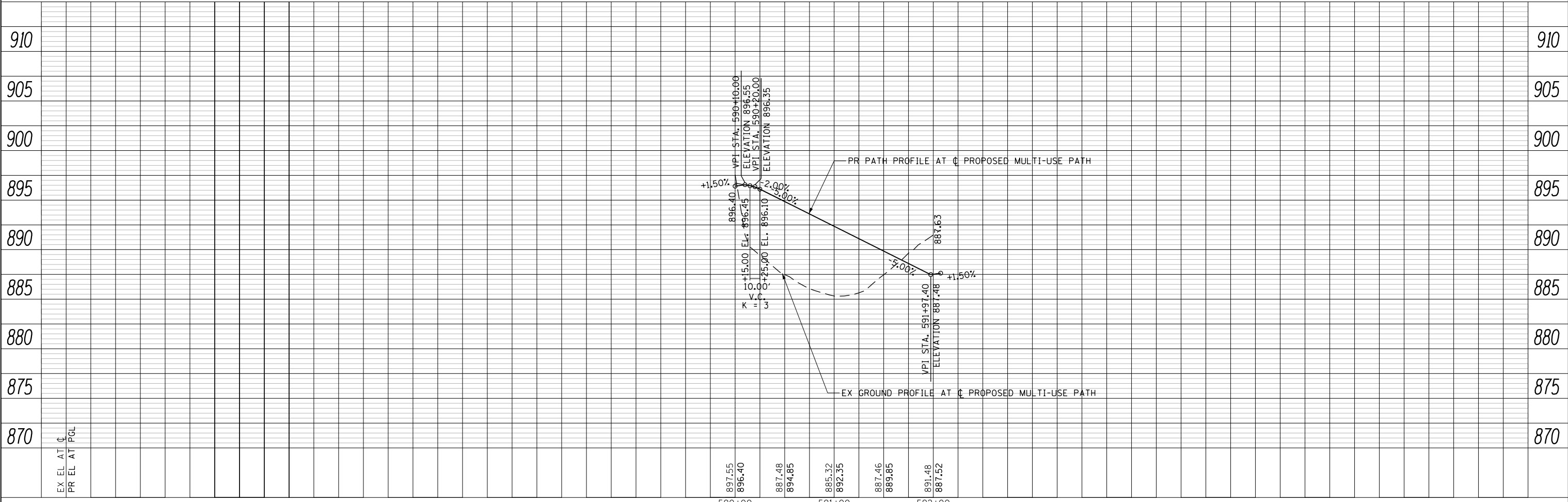
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>RANDALL ROAD MULTI-USE PATH PLAN AND PROFILE</b>			
SCALE: 1"=50' HORIZ 1"=5' VERT	SHEET 23	OF 24 SHEETS	STA 519+00 TO STA 530+97.79

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	89
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



- NOTES:**
1. FOR MULTI-USE PATH, SIDEWALK, BUS PAD, DRIVEWAY AND DRIVEWAY MEDIAN DETAILS, REFER TO THE SIDEWALK, PATH, AND DRIVEWAY PLANS SHEET NO. 91 TO NO. 101
  2. FOR SIDEWALK ADA RAMP DETAILS, REFER TO THE ADA RAMP DETAIL PLANS, SHEET NO. 403 TO NO. 429
  3. FOR RIGHT-OF-WAY DIMENSIONS AND OFFSETS, REFER TO THE PLAT OF HIGHWAYS SHEET NO. 320 TO NO. 376
  4. FOR LANDSCAPING DETAILS REFER TO LANDSCAPING PLANS, SHEET NO. 484 TO NO. 496

USER NAME =	mrc155	DESIGNED -	GJE	REVISED -	
FILENAME =		DRAWN -	GJE	REVISED -	
PLOT SCALE =	100.0000' / 1in.	CHECKED -	DBB	REVISED -	
PLOT DATE =	4/25/2018	DATE -	4-26-2018	REVISED -	

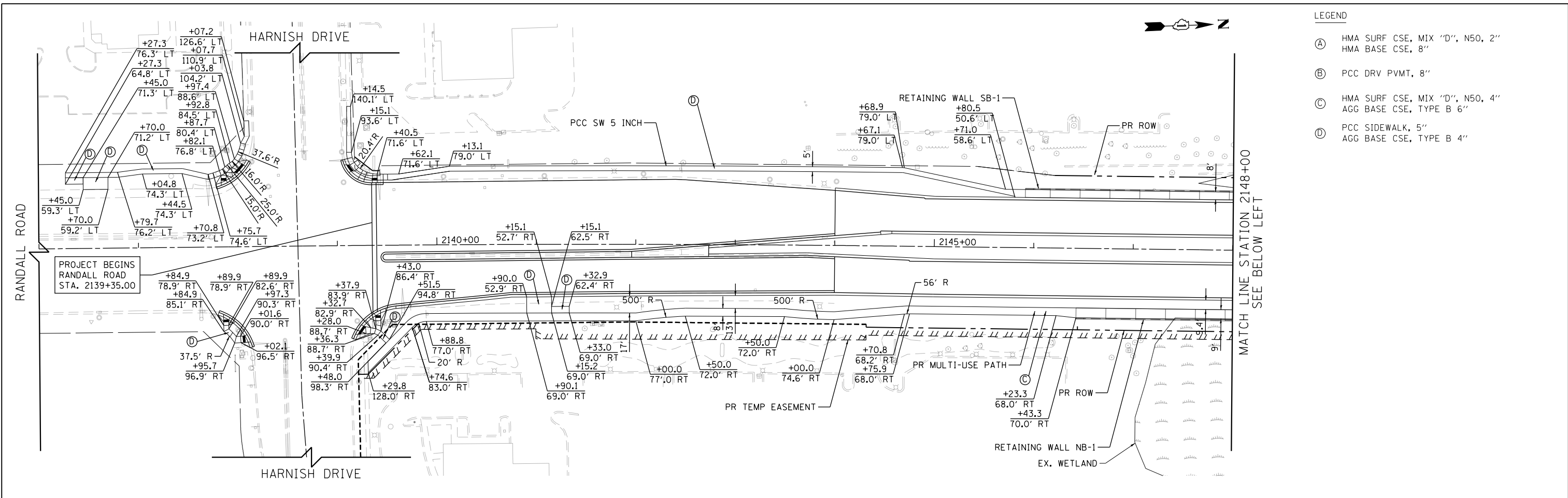
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD MULTI-USE PATH  
PLAN AND PROFILE CONNECTOR**

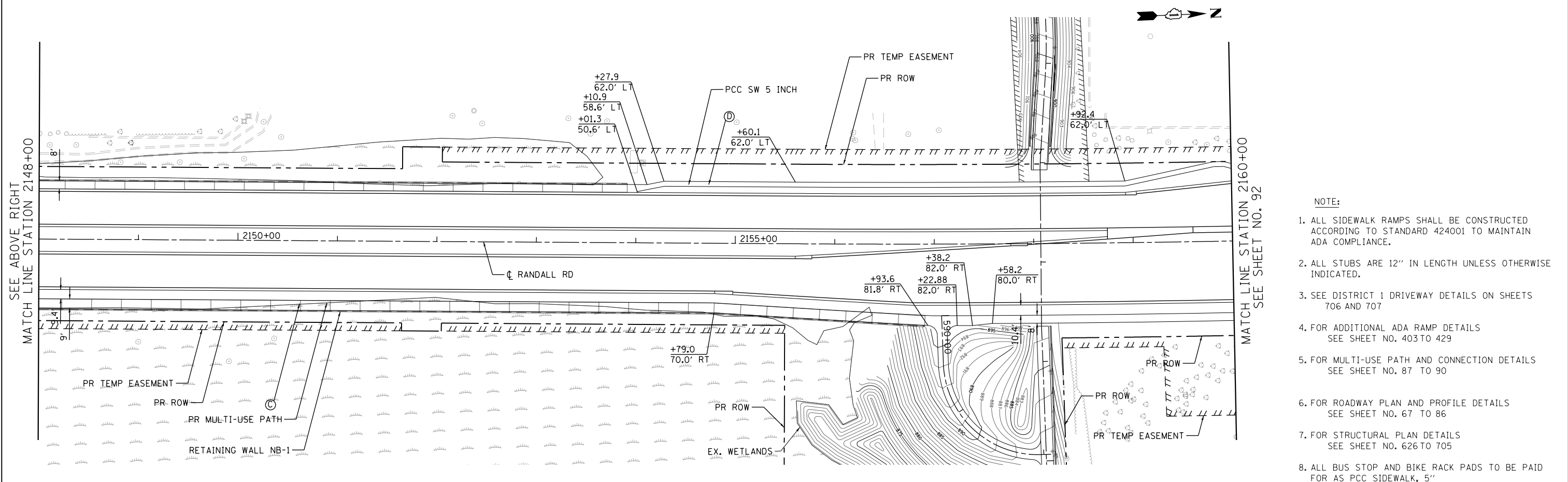
SCALE: 1"=50' HORIZ  
1"=5' VERT

SHEET 24 OF 24 SHEETS STA 590+00 TO STA 592+02.4

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	90
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



- LEGEND**
- (A) HMA SURF CSE, MIX "D", N50, 2"  
HMA BASE CSE, 8"
  - (B) PCC DRV PVMT, 8"
  - (C) HMA SURF CSE, MIX "D", N50, 4"  
AGG BASE CSE, TYPE B 6"
  - (D) PCC SIDEWALK, 5"  
AGG BASE CSE, TYPE B 4"



- NOTE:**
1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
  2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
  3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
  4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
  5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
  6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
  7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
  8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"

USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
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PLOT SCALE = 100.0000' / 1in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RANDALL ROAD SIDEWALK, PATH, AND DRIVEWAY PLAN**

SCALE: 1" = 50' SHEET 1 OF 11 SHEETS STA 2144+06.63 TO STA 2160+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	91
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

SEE SHEET NO. 97  
BUNKER HILL DRIVE  
MATCH LINE STATION 15+50

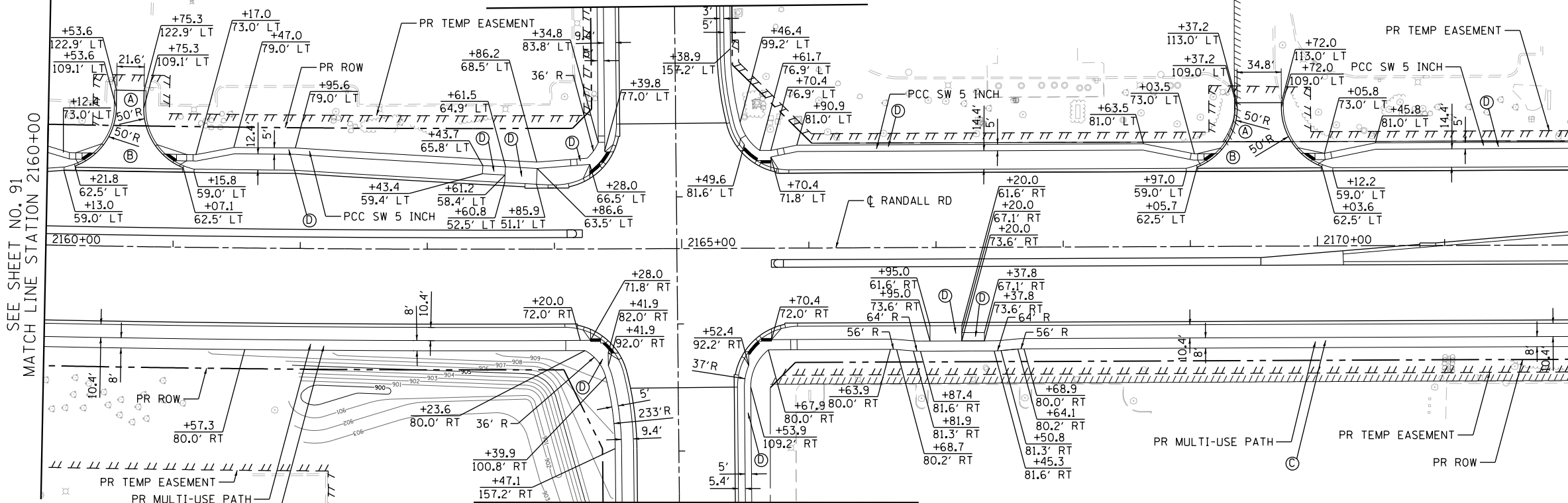


LEGEND

- (A) HMA SURF CSE, MIX "D", N50, 2"  
HMA BASE CSE, 8"
- (B) PCC DRV PVMT, 8"
- (C) HMA SURF CSE, MIX "D", N50, 4"  
AGG BASE CSE, TYPE B 6"
- (D) PCC SIDEWALK, 5"  
AGG BASE CSE, TYPE B 4"

SEE SHEET NO. 91  
MATCH LINE STATION 2160+00

MATCH LINE STATION 2172+00  
SEE BELOW LEFT



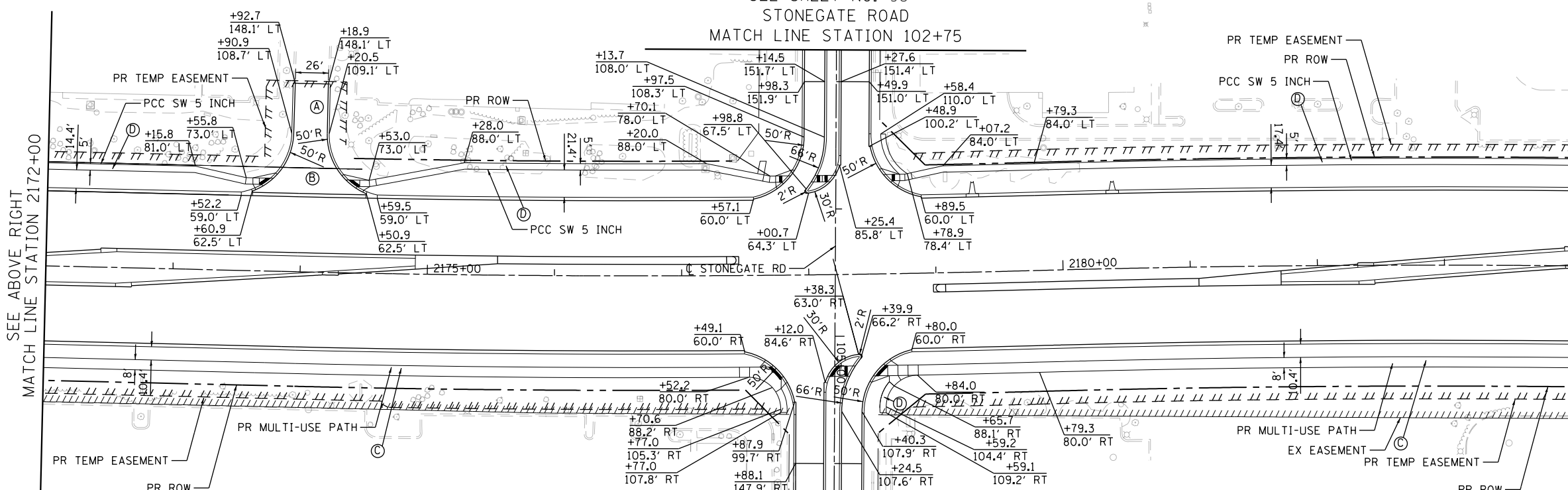
MATCH LINE STATION 22+00  
N. HUNTINGTON DRIVE  
SEE SHEET NO. 97

SEE SHEET NO. 98  
STONEGATE ROAD  
MATCH LINE STATION 102+75



SEE ABOVE RIGHT  
MATCH LINE STATION 2172+00

MATCH LINE STATION 2184+00  
SEE SHEET NO. 93



MATCH LINE STATION 106+25  
STONEGATE ROAD  
SEE SHEET NO. 98

NOTE:

1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

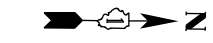
RANDALL ROAD SIDEWALK, PATH, AND DRIVEWAY PLAN

SCALE: 1" = 50' SHEET 2 OF 11 SHEETS STA 2160+00 TO STA 2184+00

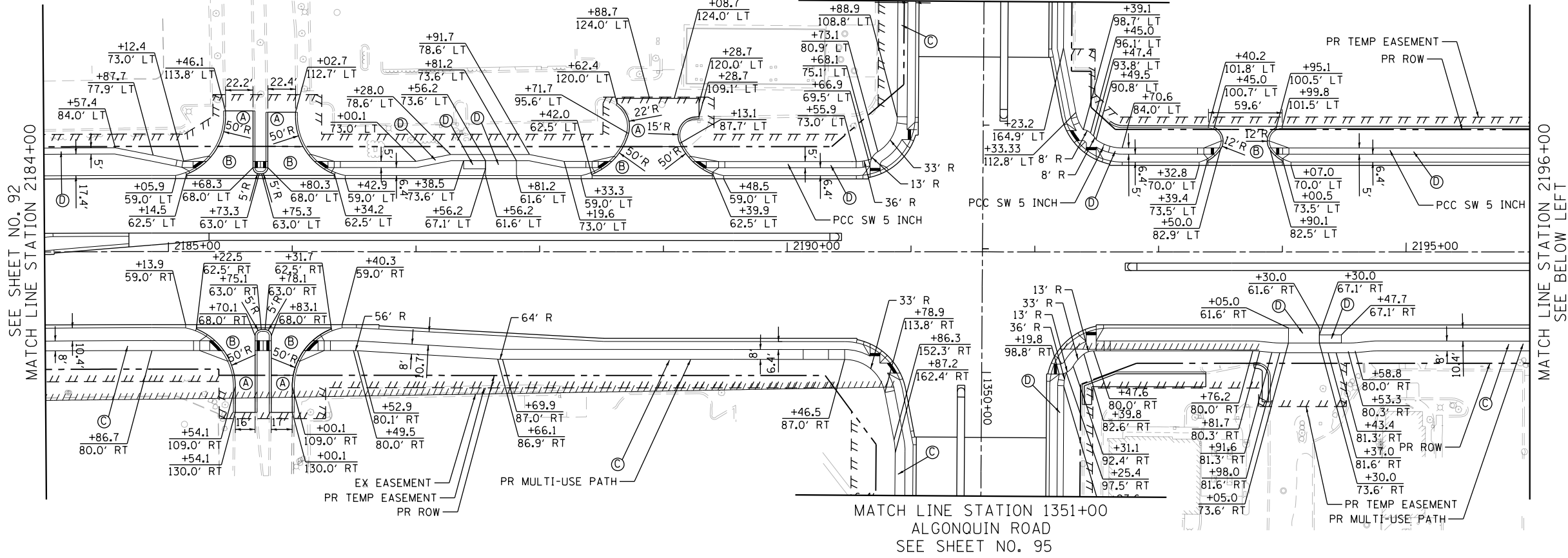
FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	92
CONTRACT NO.			61E53	

ILLINOIS FED. AID PROJECT

SEE SHEET NO. 95  
ALGONQUIN ROAD  
MATCH LINE STATION 1347+00



- LEGEND
- (A) HMA SURF CSE, MIX "D", N50, 2"  
HMA BASE CSE, 8"
  - (B) PCC DRV PVMT, 8"
  - (C) HMA SURF CSE, MIX "D", N50, 4"  
AGG BASE CSE, TYPE B 6"
  - (D) PCC SIDEWALK, 5"  
AGG BASE CSE, TYPE B 4"

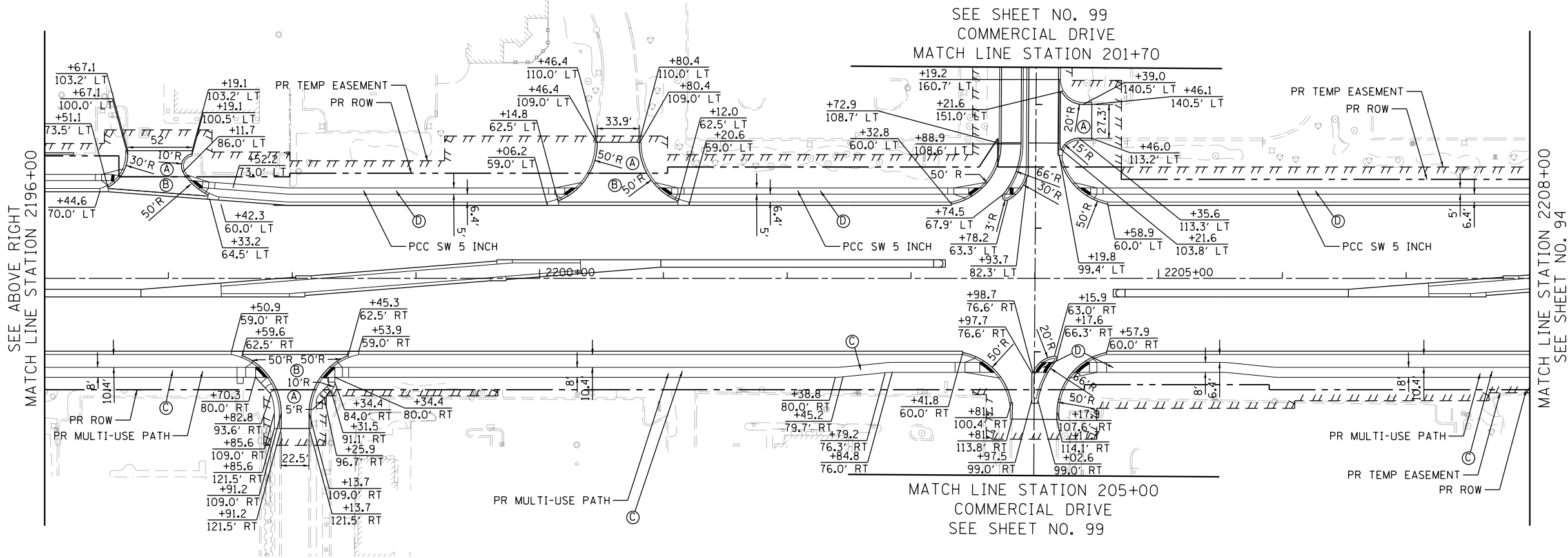
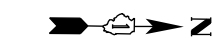


SEE SHEET NO. 92  
MATCH LINE STATION 2184+00

MATCH LINE STATION 2196+00  
SEE BELOW LEFT

MATCH LINE STATION 1351+00  
ALGONQUIN ROAD  
SEE SHEET NO. 95

SEE SHEET NO. 99  
COMMERCIAL DRIVE  
MATCH LINE STATION 201+70



SEE ABOVE RIGHT  
MATCH LINE STATION 2196+00

MATCH LINE STATION 2208+00  
SEE SHEET NO. 94

MATCH LINE STATION 205+00  
COMMERCIAL DRIVE  
SEE SHEET NO. 99

- NOTE:
1. ALL SIDEWALK RAMP SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
  2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
  3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
  4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
  5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
  6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
  7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
  8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"



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PLOT SCALE = 100.0000' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RANDALL ROAD SIDEWALK, PATH, AND DRIVEWAY PLAN

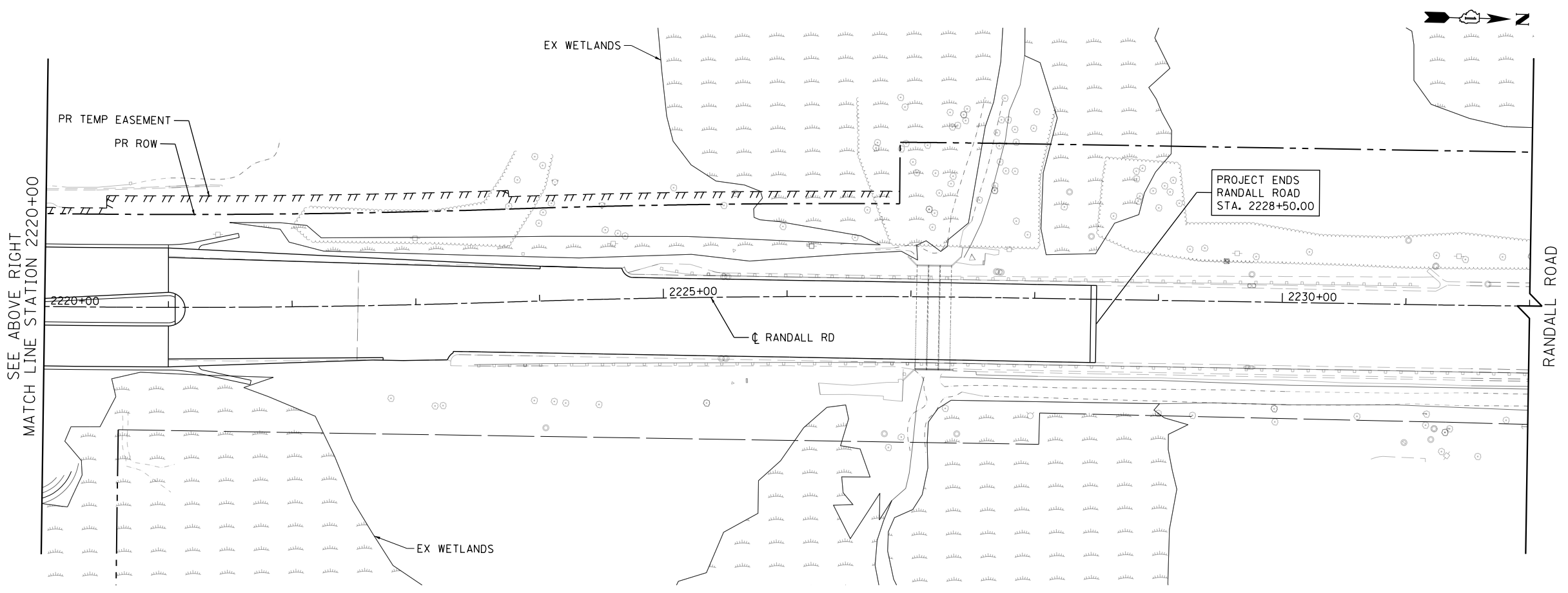
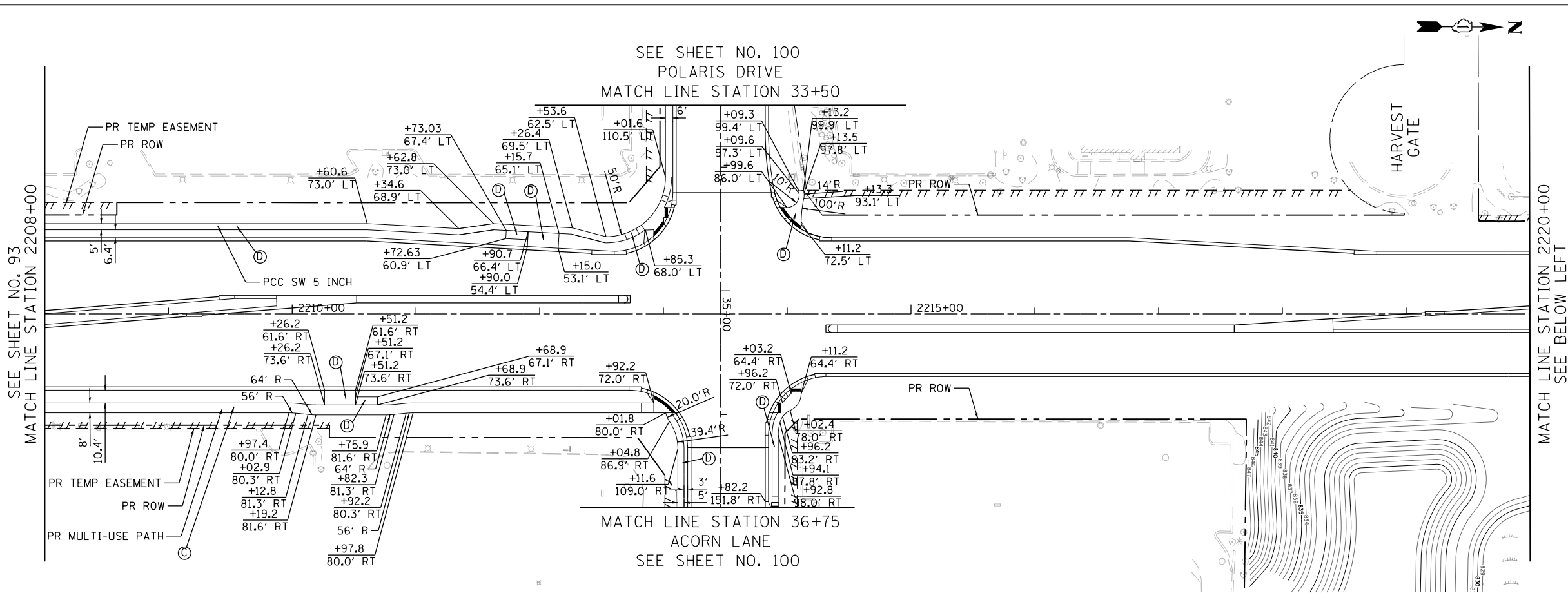
SCALE: 1" = 50' SHEET 3 OF 11 SHEETS STA 2184+00 TO STA 2208+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	93
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				

SEE SHEET NO. 100  
POLARIS DRIVE  
MATCH LINE STATION 33+50

MATCH LINE STATION 36+75  
ACORN LANE  
SEE SHEET NO. 100

- LEGEND
- (A) HMA SURF CSE, MIX "D", N50, 2"  
HMA BASE CSE, 8"
  - (B) PCC DRV PVMT, 8"
  - (C) HMA SURF CSE, MIX "D", N50, 4"  
AGG BASE CSE, TYPE B 6"
  - (D) PCC SIDEWALK, 5"  
AGG BASE CSE, TYPE B 4"



- NOTE:
1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
  2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
  3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
  4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
  5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
  6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
  7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
  8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"



USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
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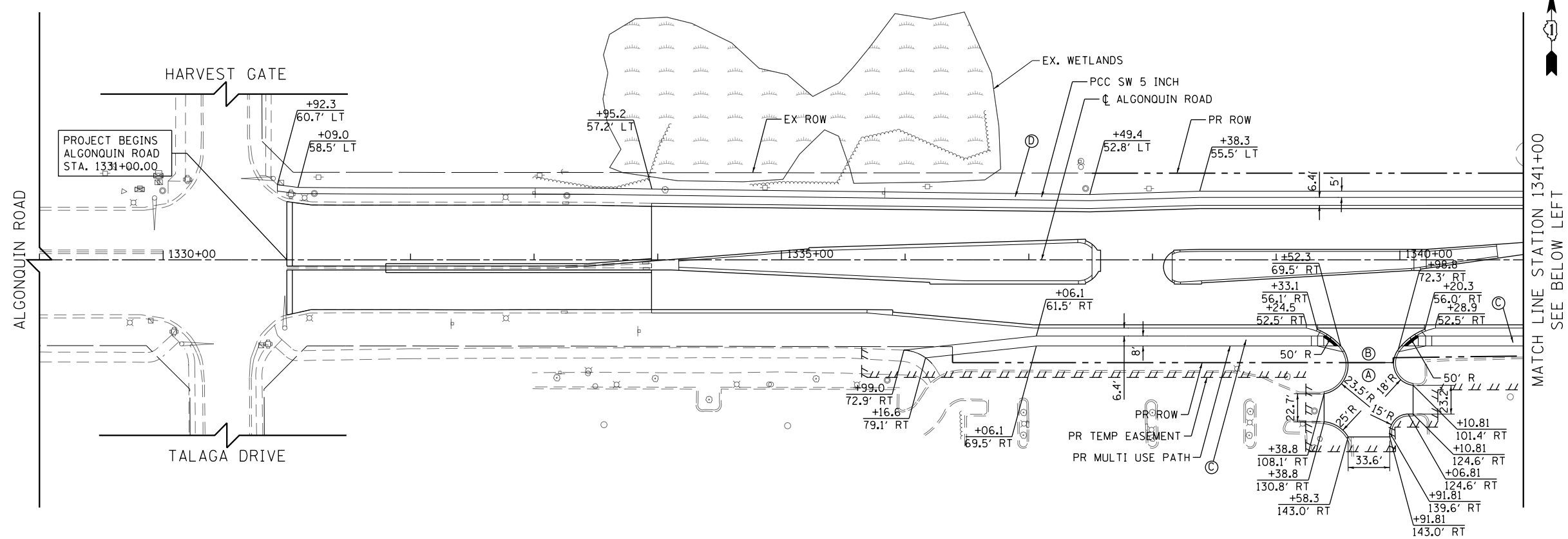
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RANDALL ROAD SIDEWALK, PATH, AND DRIVEWAY PLAN

SCALE: 1" = 50' SHEET 4 OF 11 SHEETS STA 2208+00 TO STA 2232+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	94
CONTRACT NO.			61E53	

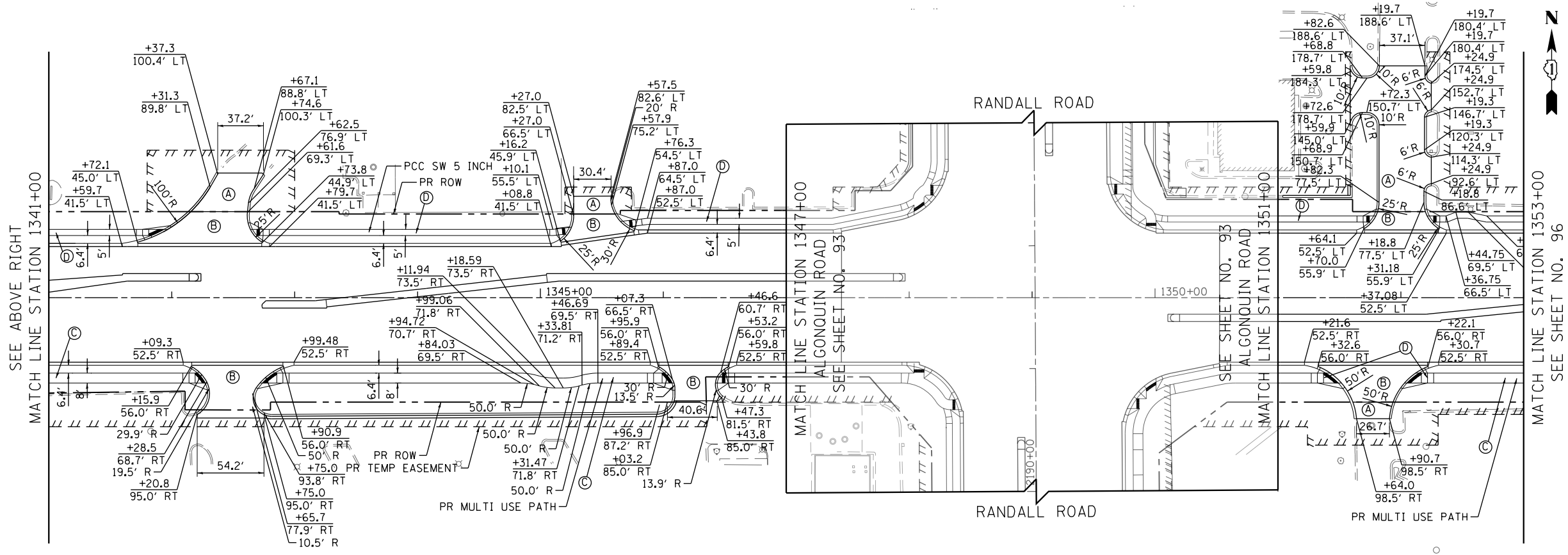
ILLINOIS FED. AID PROJECT



- LEGEND**
- (A) HMA SURF CSE, MIX "D", N50, 2"  
HMA BASE CSE, 8"
  - (B) PCC DRV PVMT, 8"
  - (C) HMA SURF CSE, MIX "D", N50, 4"  
AGG BASE CSE, TYPE B 6"
  - (D) PCC SIDEWALK, 5"  
AGG BASE CSE, TYPE B 4"



MATCH LINE STATION 1341+00  
SEE BELOW LEFT



- NOTE:**
1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
  2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
  3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
  4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
  5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
  6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
  7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
  8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"



SEE ABOVE RIGHT  
MATCH LINE STATION 1341+00

MATCH LINE STATION 1353+00  
SEE SHEET NO. 96

USER NAME = mrc1ss	DESIGNED - WBL	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - RCB	REVISED -
PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALGONQUIN ROAD SIDEWALK, PATH, AND DRIVEWAY PLAN**

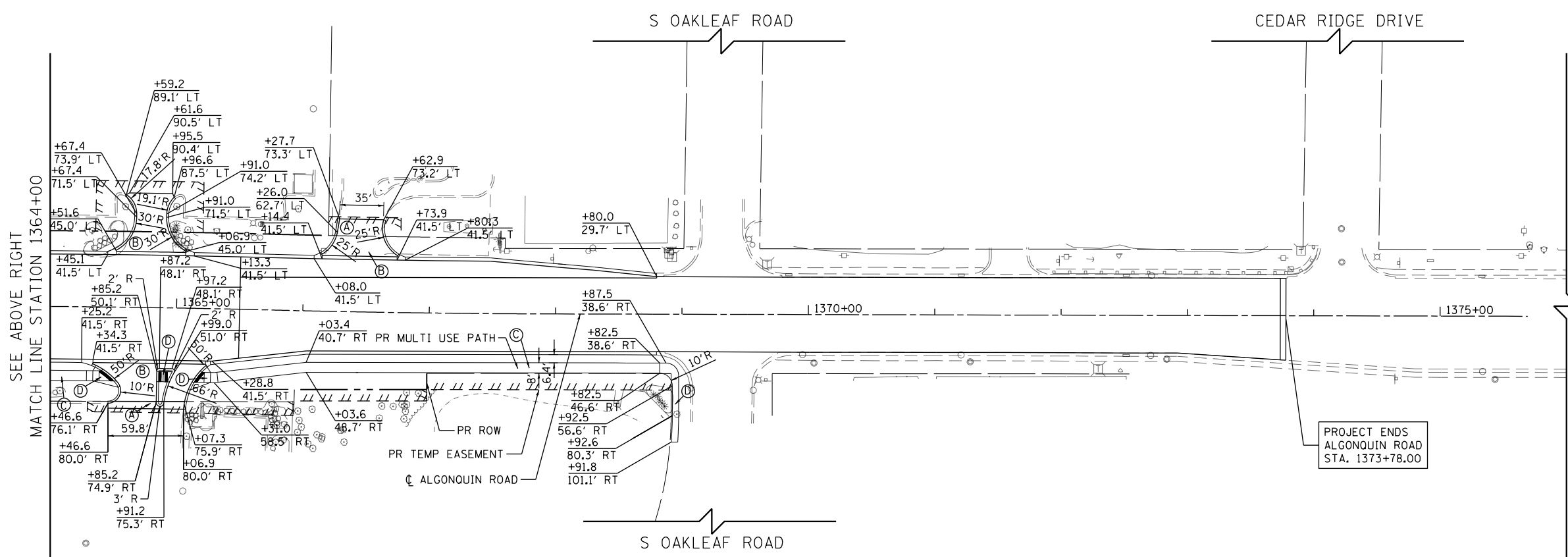
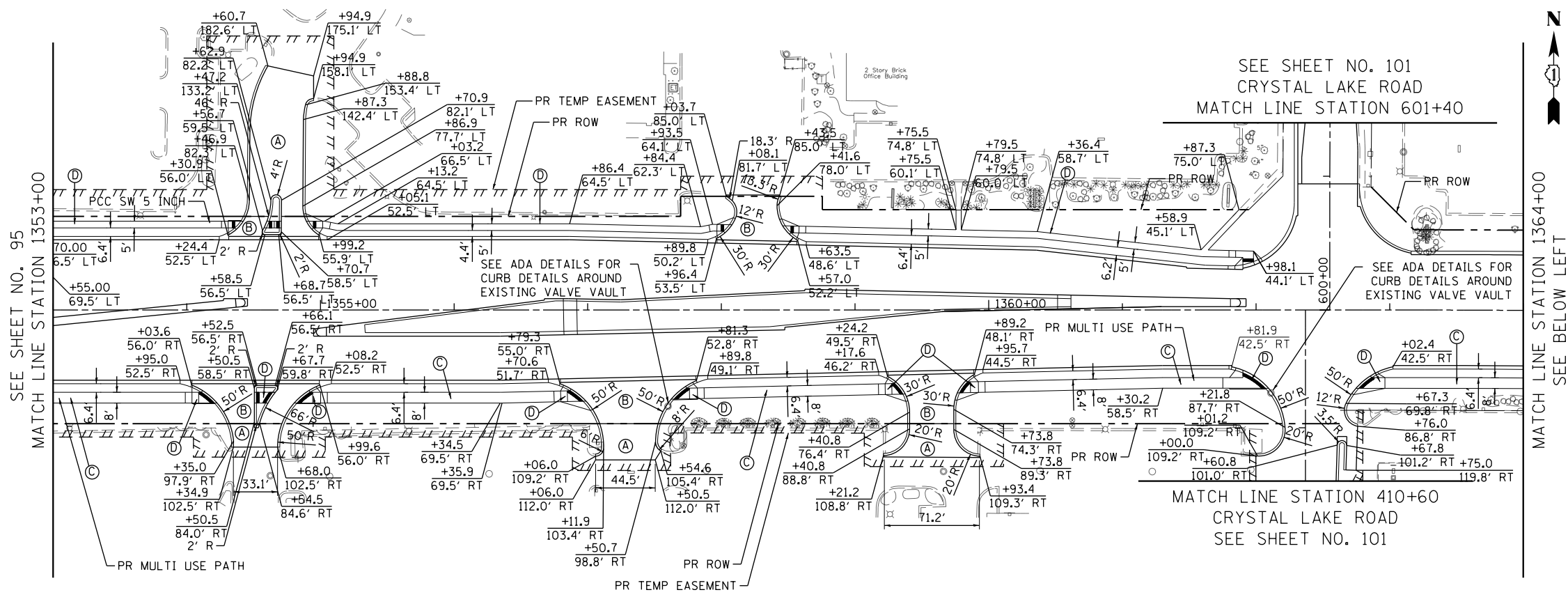
SCALE: 1" = 50' SHEET 5 OF 11 SHEETS STA 1329+00 TO STA 1353+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	95
CONTRACT NO.			61E53	

ILLINOIS FED. AID PROJECT

LEGEND

- (A) HMA SURF CSE, MIX "D", N50, 2" HMA BASE CSE, 8"
- (B) PCC DRV PVMT, 8"
- (C) HMA SURF CSE, MIX "D", N50, 4" AGG BASE CSE, TYPE B 6"
- (D) PCC SIDEWALK, 5" AGG BASE CSE, TYPE B 4"



NOTE:

1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"



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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALGONQUIN ROAD SIDEWALK, PATH, AND DRIVEWAY PLAN

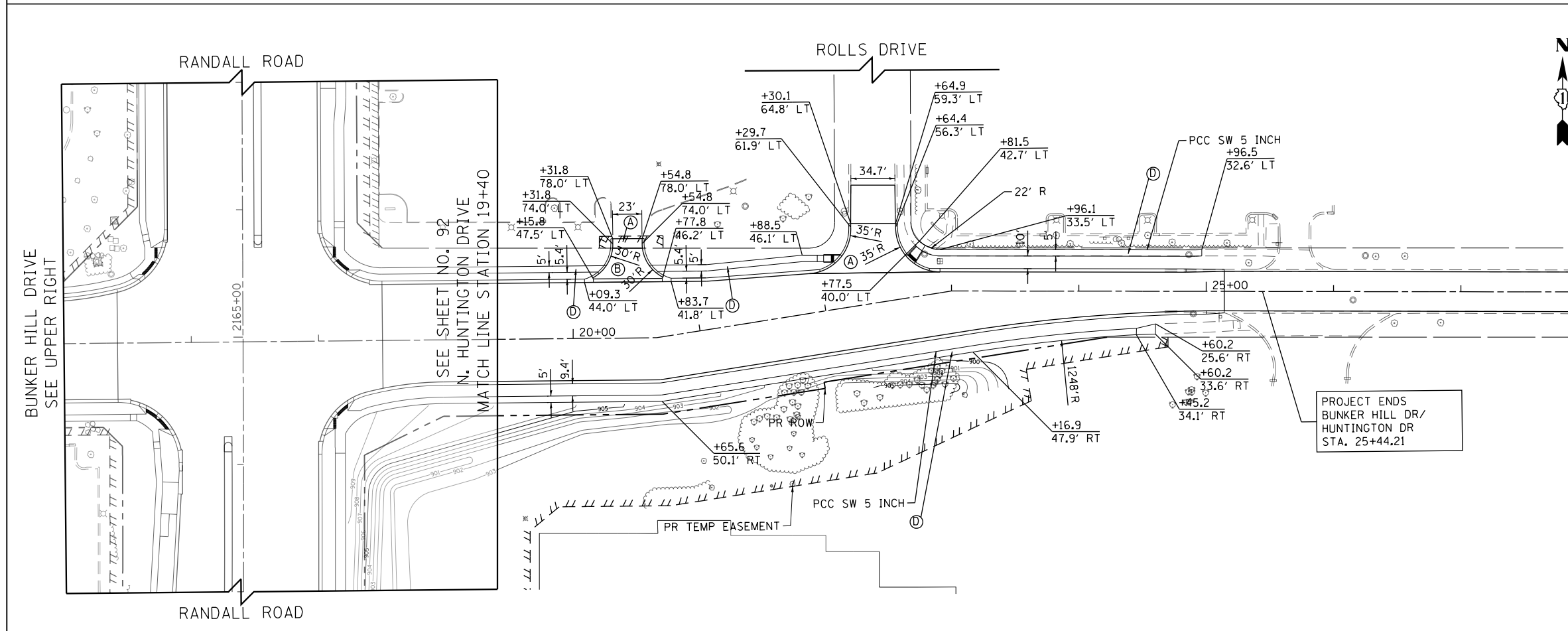
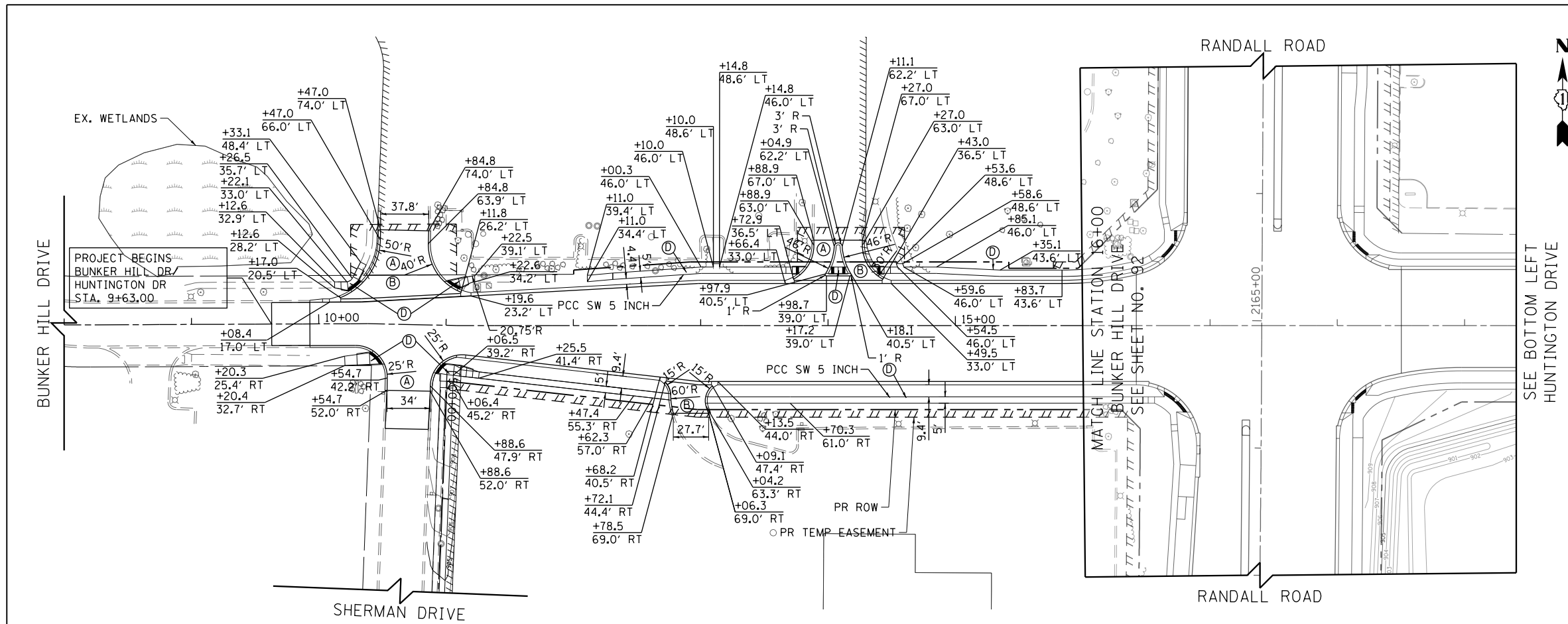
SCALE: 1" = 50' SHEET 6 OF 11 SHEETS STA 1353+00 TO STA 1376+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	96
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



LEGEND

- (A) HMA SURF CSE, MIX "D", N50, 2"  
HMA BASE CSE, 8"
- (B) PCC DRV PVMT, 8"
- (C) HMA SURF CSE, MIX "D", N50, 4"  
AGG BASE CSE, TYPE B 6"
- (D) PCC SIDEWALK, 5"  
AGG BASE CSE, TYPE B 4"



NOTE:

1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"



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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

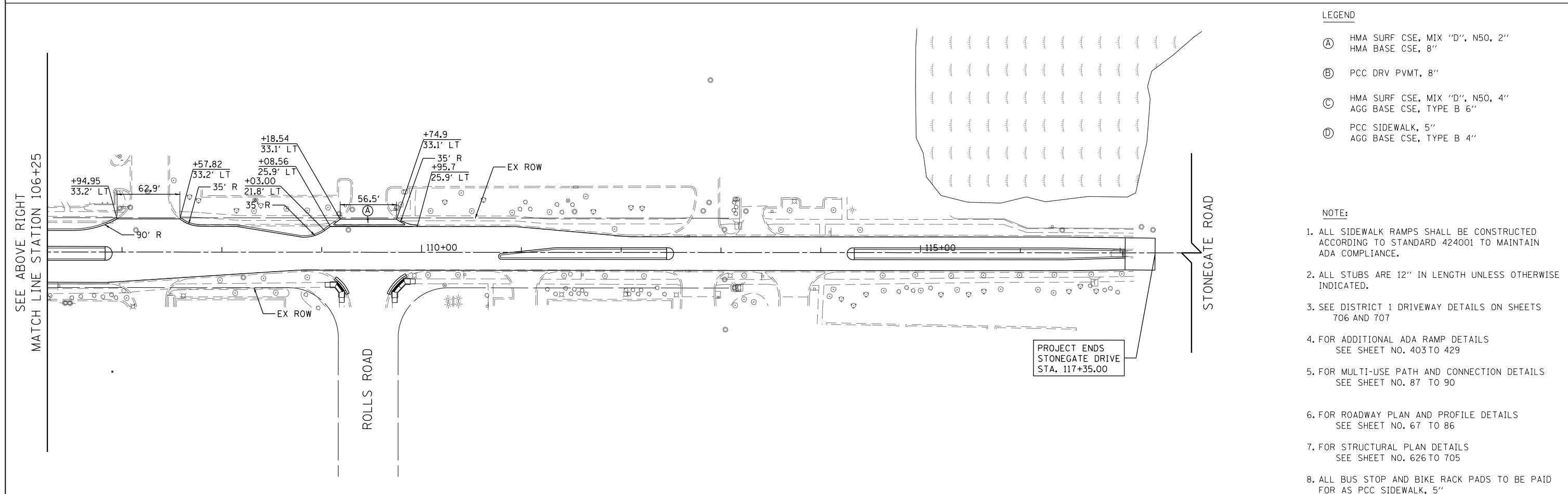
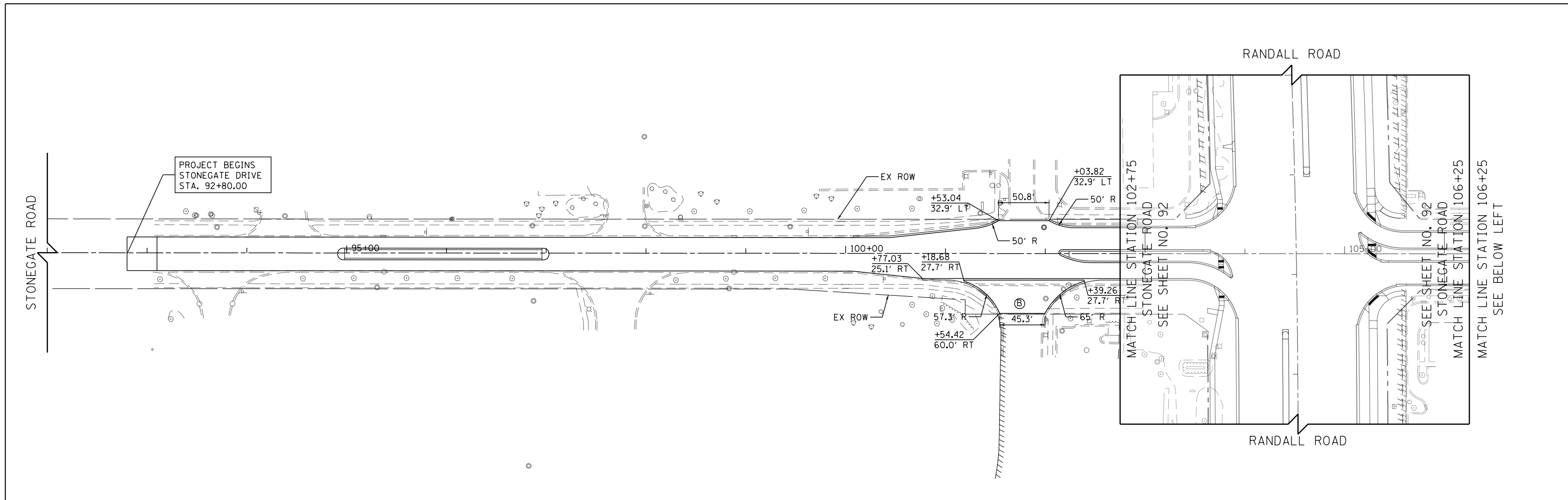
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUNKER HILL DRIVE /HUNTINGTON DRIVE  
SIDEWALK, PATH, AND DRIVEWAY PLAN

SCALE: 1" = 50' SHEET 7 OF 11 SHEETS STA 8+00 TO STA 29+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	97
				CONTRACT NO. 61E53

ILLINOIS FED. AID PROJECT



**LEGEND**

- (A) HMA SURF CSE, MIX "D", N50, 2"  
HMA BASE CSE, 8"
- (B) PCC DRV PVMT, 8"
- (C) HMA SURF CSE, MIX "D", N50, 4"  
AGG BASE CSE, TYPE B 6"
- (D) PCC SIDEWALK, 5"  
AGG BASE CSE, TYPE B 4"

**NOTE:**

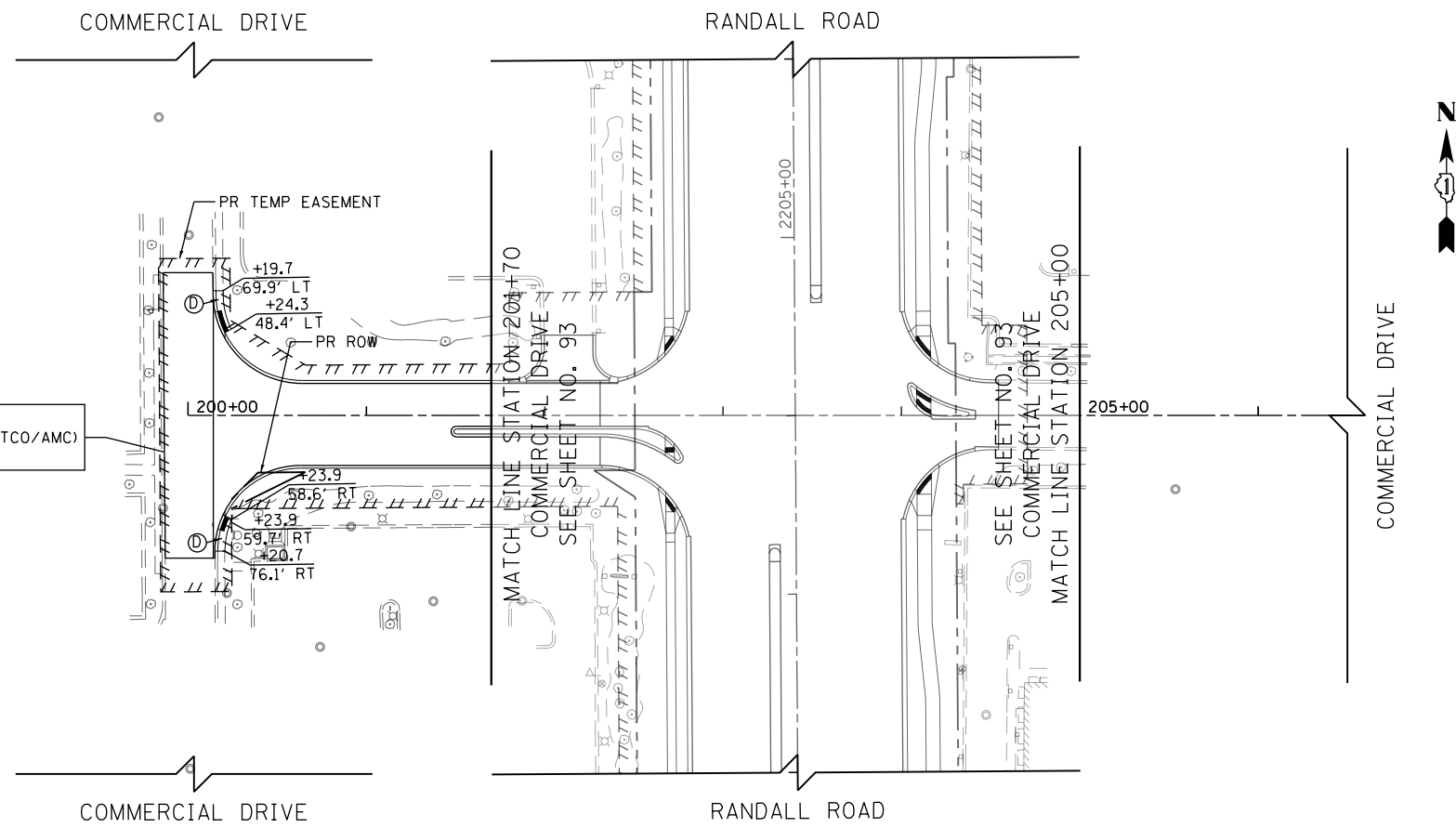
1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"

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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**STONEGATE ROAD SIDEWALK, PATH, AND DRIVEWAY PLAN**  
SCALE: 1" = 50' SHEET 8 OF 11 SHEETS STA 100+00 TO STA 109+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	98
CONTRACT NO.			61E53	
ILLINOIS FED. AID PROJECT				



**LEGEND**

- Ⓐ HMA SURF CSE, MIX "D", N50, 2"  
HMA BASE CSE, 8"
- Ⓑ PCC DRV PVMT, 8"
- Ⓒ HMA SURF CSE, MIX "D", N50, 4"  
AGG BASE CSE, TYPE B 6"
- Ⓓ PCC SIDEWALK, 5"  
AGG BASE CSE, TYPE B 4"

PROJECT BEGINS  
COMMERCIAL DR (COSTCO/AMC)  
STA. 199+86.24

**NOTE:**

1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"

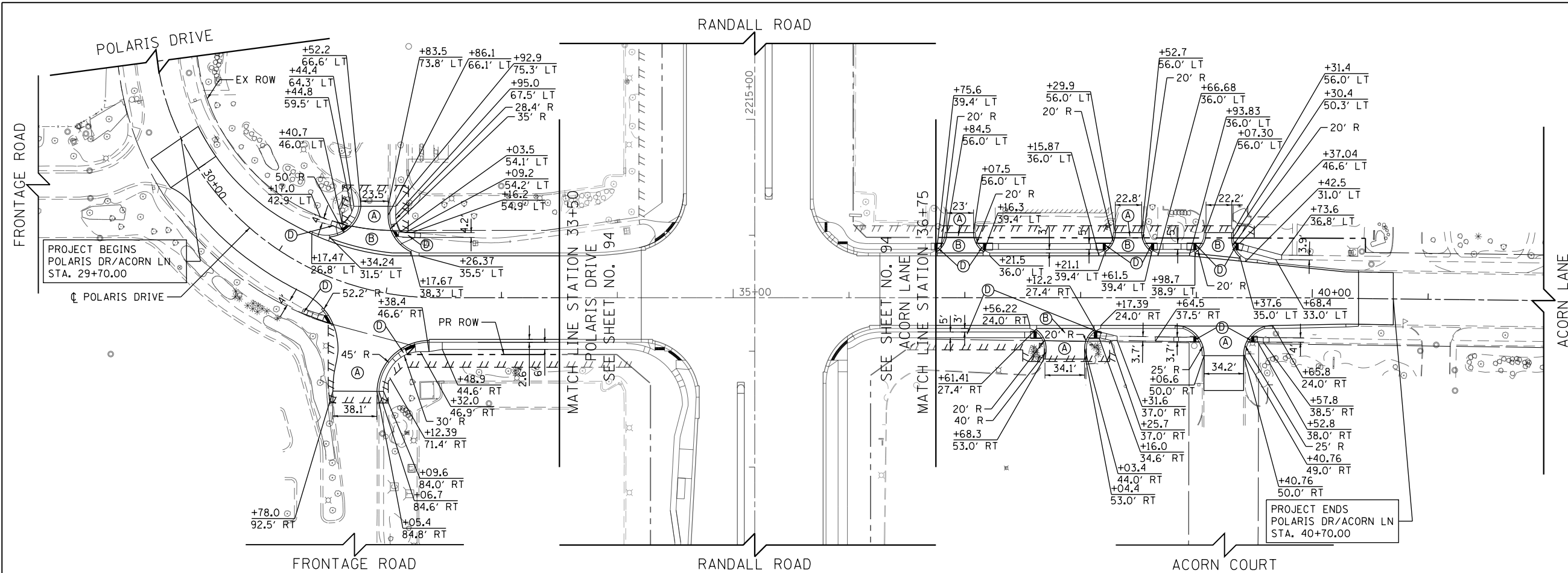
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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMERCIAL DRIVE SIDEWALK, PATH AND DRIVEWAY PLAN**

SCALE: 1" = 50' SHEET 9 OF 11 SHEETS STA 200+00 TO STA 206+50

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	99
			CONTRACT NO.	61E53
ILLINOIS FED. AID PROJECT				



**LEGEND**

- (A) HMA SURF CSE, MIX "D", N50, 2"  
HMA BASE CSE, 8"
- (B) PCC DRV PVMT, 8"
- (C) HMA SURF CSE, MIX "D", N50, 3"  
AGG BASE CSE, TYPE B 6"
- (D) PCC SIDEWALK, 5"

**NOTE:**

1. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO STANDARD 424001 TO MAINTAIN ADA COMPLIANCE.
2. ALL STUBS ARE 12" IN LENGTH UNLESS OTHERWISE INDICATED.
3. SEE DISTRICT 1 DRIVEWAY DETAILS ON SHEETS 706 AND 707
4. FOR ADDITIONAL ADA RAMP DETAILS SEE SHEET NO. 403 TO 429
5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 87 TO 90
6. FOR ROADWAY PLAN AND PROFILE DETAILS SEE SHEET NO. 67 TO 86
7. FOR STRUCTURAL PLAN DETAILS SEE SHEET NO. 626 TO 705
8. ALL BUS STOP AND BIKE RACK PADS TO BE PAID FOR AS PCC SIDEWALK, 5"



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PLOT DATE = 4/25/2018	DATE - 4-26-2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**POLARIS DRIVE /ACORN LANE SIDEWALK, PATH, AND DRIVEWAY PLAN**

SCALE: 1" = 50' SHEET 10 OF 11 SHEETS STA 28+00 TO STA 41+00

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	06-00329-01-PW	MCHENRY	1751	100
				CONTRACT NO. 61E53
ILLINOIS FED. AID PROJECT				