

F.A.U. RTE.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
2549	09-00174-05-CH	LAKE	1	423
		ILLINOIS	CONTRACT NO. 61D65	

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 2549 (HART ROAD): AT U.S. ROUTE 14
 CHANNELIZATION, INTERSECTION IMPROVEMENTS,
 SIGNAL TIMING PROGRAMMING AND BIKE /PEDESTRIAN PATH

SECTION 09-00174-05-CH PROJECT: 0V57(283) LAKE COUNTY

DESIGN DESIGNATION:

HART ROAD #1,583 (19) MAJOR COLLECTOR (URBAN) 0.64 (FD-20)

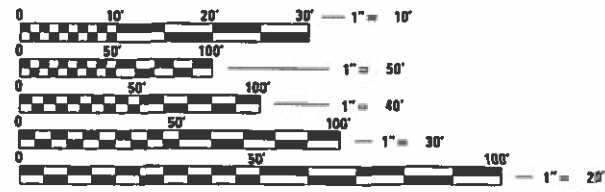
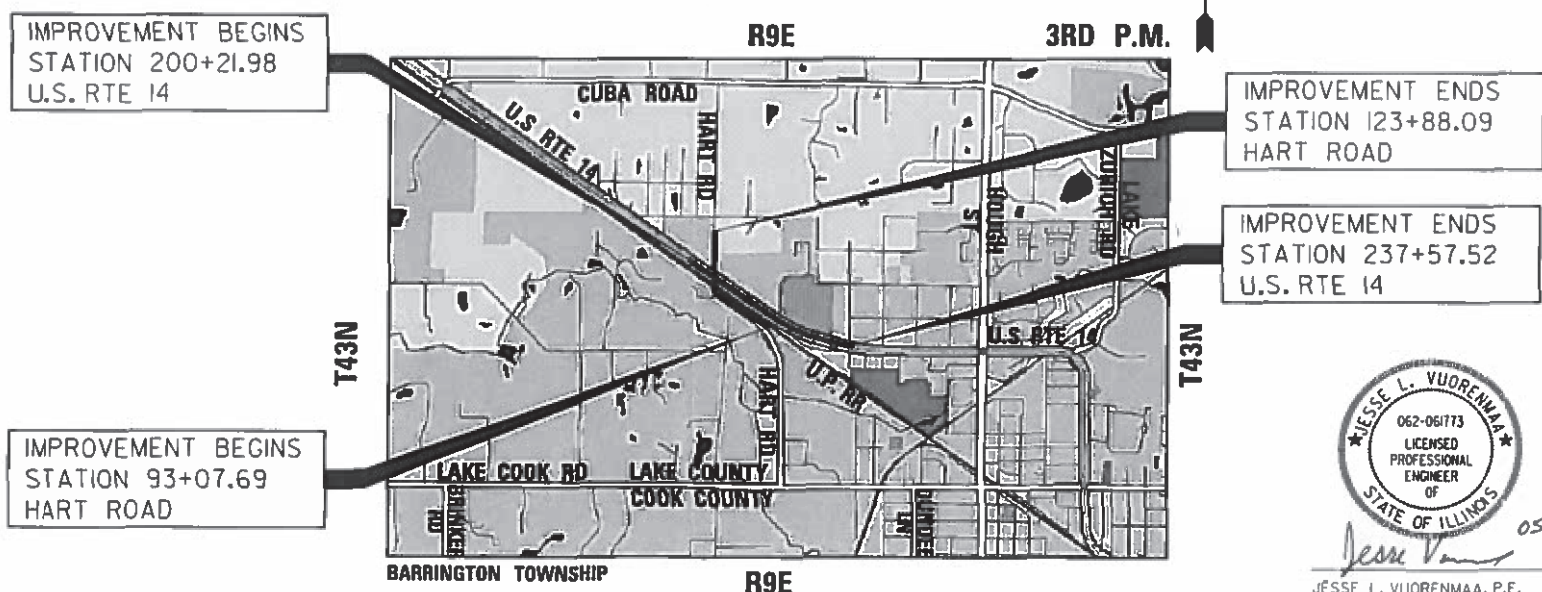
TRAFFIC DATA:

HART ROAD
 POSTED SPEED 35 MPH (NORTH OF U.S. ROUTE 14)
 DESIGN SPEED 40 MPH
 POSTED SPEED 40 MPH (SOUTH OF U.S. ROUTE 14)
 DESIGN SPEED 40 MPH
 ADT (NORTH OF U.S. ROUTE 14) 4,600 (2009) 4,740 (2015)
 ADT (SOUTH OF U.S. ROUTE 14) 10,700 (2009) 11,150 (2015)

U.S. ROUTE 14
 POSTED SPEED 45 MPH (EAST)
 DESIGN SPEED 50 MPH
 POSTED SPEED 50 MPH (WEST)
 DESIGN SPEED 55 MPH
 ADT (EAST OF HART ROAD) 26,000 (2009) 27,429 (2015)
 ADT (WEST OF HART ROAD) 28,000 (2009) 29,715 (2015)



PROJECT LOCATED IN:
 VILLAGE OF BARRINGTON AND
 VILLAGE OF BARRINGTON HILLS
 LAKE COUNTY, ILLINOIS



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

PROJECT LENGTH (HART ROAD) = 3,080.40 FEET (0.583 MILES)
 PROJECT LENGTH (U.S. RTE 14) = 1,585.80 FEET (0.300 MILES)

LOCATION MAP SCALE



JESSE L. VUORENMAA, P.E.
 NO. 062-061773
 EXP. DATE 11/30/19
 SHEET RANGE 1-220, 255-423



MATTHEW D. SANTEFORD, P.E., S.E.
 NO. 081-007244
 EXP. DATE 11/30/2020
 SHEET RANGE 246-254



GAURAV RAI, P.E.
 NO. 062-065565
 EXP. DATE 11/30/2019
 SHEET RANGE 221-245

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APPROVED *May 16, 2019*
Shawn Schneider
 LAKE COUNTY

PASSED *5/23/19*
Steve M. Smith
 DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASE ON LIMITED REVIEW *May 23, 2019*
Anthony J. Ramirez
 REGIONAL ENGINEER

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

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, IDOT HIGHWAY STANDARDS AND CONTACT INFORMATION
3	GENERAL NOTES
4-17	SUMMARY OF QUANTITIES
18-21	TYPICAL SECTIONS
22-39	SCHEDULE OF QUANTITIES
40-43	SCHEDULE OF QUANTITIES - EARTHWORK
44-45	ALIGNMENT, TIES AND BENCHMARKS
46-61	REMOVAL PLAN
62-86	ROADWAY PLAN AND PROFILE
87-90	U.S. ROUTE 14 SHARED-USE PATH PROFILE
91-109	CURB RAMP DETAIL
110	INTERSECTION PAVING AND GRADING DETAIL
111	SUPERELEVATION TABLE
112-113	TRAFFIC CONTROL GENERAL NOTES AND NOTES FOR SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
114-116	TRAFFIC CONTROL TYPICAL SECTION
117-124	TRAFFIC CONTROL STAGE 1
125-132	TRAFFIC CONTROL STAGE 2
133-135	DETOUR PLAN
136-152	EROSION CONTROL PLAN
153-177	DRAINAGE AND UTILITY PLAN AND PROFILE
178-179	GROUND IMPROVEMENT DETAILS
180-195	PLAT OF HIGHWAYS
196-211	LANDSCAPING, PAVEMENT MARKING & SIGNING PLAN
212-220	IDOT DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
221-245	TRAFFIC SIGNAL PLAN
246-249	RETAINING WALL PLAN
250-254	DRAINAGE STRUCTURE- HEADWALL PLAN
255-262	PROJECT DETAILS
263-305	LAKE COUNTRY STANDARD DETAILS
306-326	IDOT DISTRICT ONE STANDARD DETAILS
327-377	HART ROAD CROSS SECTIONS
378-423	US ROUTE 14 CROSS SECTIONS

IDOT HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001005	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-05	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-09	PAVEMENT JOINTS
42011-04	PCC PAVEMENT ROUNDABOUTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442101-09	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542011-02	CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" THRU 72" EQUIVALENT DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-07	TRAVERSABLE PIPE GRATE
542546-01	FLUSH INLET BOX FOR MEDIAN
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET TYPE A
602401-06	PRECAST MANHOLE, TYPE A, 4' DIAMETER
602402-02	PRECAST MANHOLE, TYPE A, 4' DIAMETER
602406-10	PRECAST MANHOLE, TYPE A, 6' DIAMETER
602416-08	PRECAST MANHOLE, TYPE A, 8' DIAMETER
602421-08	PRECAST MANHOLE, TYPE A, 9' DIAMETER
602501-05	PRECAST VALVE VAULT TYPE A 4' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE I
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE II
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
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
631033-07	TRAFFIC BARRIER TERMINAL, TYPE 6B
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
701011-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATION
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS DAY ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS => 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS => 45 MPH
701427-05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATIONS, FOR SPEED =< 40 MPH
701501-06	URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNT DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS 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
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
857006-01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-07	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877006-06	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877012-07	STEEL COMBINATION 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
886001-01	DETECTOR LOOP INSTALLATIONS

CONTACT INFORMATION:

NICOR GAS 1844 FERRY ROAD NAPERVILLE, IL 60563-9600 ATTN: MR. BRUCE KOPPANG ENGINEERING ADMINISTRATOR 630-388-3046	AT&T CORP 1000 COMMERCE DRIVE, FLOOR 1 OAK BROOK, IL 60523 ATTN: HECTOR GARCIA LEGAL MANDATE DEPARTMENT 847-868-6799
---	---

UNION PACIFIC RAILROAD 2 NORTH RIVERSIDE CHICAGO, IL 60661 ATTN: SEAN D. COLLIER MANAGER OF FIELD ENGINEER 312-496-4726	LCDDOT 600 W WINCHESTER ROAD LIBERTYVILLE, IL 60048 ATTN: MATT EMDE PROJECT MANAGER 847-377-7452
--	---

COMMONWEALTH EDISON 1500 FRANKLIN BLVD LIBERTYVILLE, IL 60048 ATTN: TERRI BLECK 847-816-5239	AT&T AT&T LNS/TCG CHICAGO 4513 WESTERN AVE, RM 227 LISLE, IL 60532 ATTN: BOBBY AKHTER OSP ENGINEER 630-810-6274
--	---

VILLAGE OF BARRINGTON 200 SOUTH HOUGH STREET BARRINGTON, IL 60010-4322 ATTN: MARIE HANSEN VILLAGE ENGINEER 847-304-3460	LCSMC 500 W WINCHESTER ROAD LIBERTYVILLE, IL 60048 ATTN: ROBERT GARDINER PLAN PREPARATION ENGINEER 847-377-7705
--	--

COMMONWEALTH EDISON 2 LINCOLN CENTRE OAKBROOK TERRACE ATTN: DAVID KULB HIGH VOLTAGE TRANSMISSION GROUP 630-437-2842	AT&T LONG DISTANCE AND DATA 866 ROCK CREEK ROAD PLANO, IL 60545 ATTN: MR. CARL B. DONAHUE 847-420-9115
--	---

VERIZON
CONTINENTAL TOWERS
7719 W. 60TH PLACE
SUMMIT, IL 60501
ATTN: MR. TOM BUHER
OSP CONSTRUCTION MANAGER
708-458-6410

COMCAST
688 INDUSTRIAL DRIVE
ELMHURST, IL 60126
ATTN: ROBERT SCHULTER
RIGHT-OF-WAY ENGINEER
630-600-6347

FILE NAME: G:\CH09\0176\Read\Sheet\Standards\REFNOTE_01.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
DRAWN - AMK	REVISED -	
PLOT SCALE = 40.00' / 1" =	CHECKED - JWC	REVISED -
PLOT DATE = 5/22/2019	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, IDOT HIGHWAY STANDARDS
AND CONTACT INFORMATION**

SCALE: 1/20 SHEET 1 OF 2 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	2
CONTRACT NO. 61065				
ILLINOIS FED. AID PROJECT				

GENERAL

- A. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
- B. THE CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH ANY ADJACENT PROJECTS THAT ARE OR MAY BE UNDER CONSTRUCTION.
- C. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. WHERE NEW WORK IS PROPOSED TO MEET EXISTING FEATURES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD CHECK ALL DIMENSIONS AND ELEVATIONS AND NOTIFY THE ENGINEER OF DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.
- D. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION, EXCEPT FOR BRIEF PERIODS OF INTERRUPTION. THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER NO LESS THAN 24 HOURS IN ADVANCE OF THE INTERRUPTION OF ACCESS AND/OR SERVICES. THE NOTIFICATION WILL INCLUDE THE TIME AND DURATION OF THE INTERRUPTION.

SURVEY

- A. ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (2009 ADJUSTMENT). THE ELEVATIONS SHOWN ON THE PLANS ARE FOR FINISHED GRADES UNLESS OTHERWISE NOTED.
- B. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

REMOVAL

- A. THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT, CONCRETE CURB & GUTTER, MEDIAN, HOT-MIX ASPHALT SHOULDER, SIDEWALK, AND/OR OTHER APPURTENANCES AS SHOWN ON THE PLANS, TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED, BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. .

THE CONTRACTOR SHALL BE REQUIRED TO SAW VERTICAL CUTS SO AS TO FORM CLEAN VERTICAL JOINTS. SHOULD THE CONTRACTOR DEFACE ANY EDGE, A NEW SAWED JOINT SHALL BE PROVIDED AND ANY ADDITIONAL WORK INCLUDING REMOVAL AND REPLACEMENT, SHALL BE DONE BY THE CONTRACTOR.

- B. ALL EXCESS MATERIAL SHALL BE DISPOSED OF OFFSITE ON THE DAY IT IS EXCAVATED OR REMOVED.
- C. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE PROJECT LIMITS. ALL EXCESS OR WASTE MATERIAL SHALL BE HAULED AWAY FROM THE PROJECT SITE BY THE CONTRACTOR AND LEGALLY DISPOSED OF OUTSIDE THE RIGHT-OF-WAY.
- D. ALL STORM SEWER, PIPE CULVERTS, GUARDRAIL AND OTHER ITEMS SCHEDULED FOR REMOVAL WILL BE EXAMINED BY THE ENGINEER, AND IN COORDINATION WITH LCDOT MAINTENANCE, TO DETERMINE IF THE ITEM IS SUITABLE FOR SALVAGE. ITEMS DESIGNATED FOR SALVAGE SHALL BE CAREFULLY REMOVED AND STORED AT THE LOCATION AND IN THE MANNER DESIGNATED BY ENGINEER.

DRAINAGE

- A. UNLESS OTHERWISE NOTED ON THE PLANS, THE EXISTING DRAINAGE FACILITIES SHALL REMAIN IN USE DURING THE PERIOD OF CONSTRUCTION. DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING, OR ANY OTHER METHOD ACCEPTABLE TO THE ENGINEER.
- B. THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES. ANY MODIFICATION OF STRUCTURES DUE TO THE FAILURE OF THE CONTRACTOR TO PERFORM THIS TASK SHALL BE AT THE CONTRACTOR'S EXPENSE AND MAY LEAD TO THE REJECTION OF THE STRUCTURE IN THE FIELD IF THE MODIFICATION IS NOT APPROVED BY THE ENGINEER.
- C. IF DURING CONSTRUCTION, THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS WITHIN THE RIGHT-OF-WAY OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED BY THE CONTRACTOR. SHOULD THE ENGINEER DIRECT THE REPLACEMENT OF A FACILITY, THE NECESSARY WORK SHALL BE ACCORDING TO SECTIONS 550 AND 601, AND ARTICLE 104.02 OF THE "STANDARD SPECIFICATIONS".
- D. THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES AND CATCH BASINS. RESTRICTED DEPTH MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED ACCORDING TO LCDOT STANDARD LC6000.
- E. WHEN EXISTING DRAINAGE STRUCTURE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, CULVERTS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. THE CONTRACTOR SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWER ARE BUILT AND IN SERVICE.

- F. UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT FOR STRUCTURES IN THE CURB AND TO THE CENTER OF THE STRUCTURE FOR ALL OTHER STRUCTURES. ALL TOP OF FRAME (RIM) ELEVATIONS FOR STRUCTURES LOCATED IN THE CURB AND GUTTER ARE AT THE EDGE OF PAVEMENT. SEE THE LCDOT DETAIL FOR DRAINAGE STRUCTURE RIM ELEVATIONS AND OFFSETS. LC6003. DRAINAGE STRUCTURES FLAT-TOPS AND CONES SHALL BE TURNED SO THAT THE FRAMES ARE CLOSEST TO THE CENTERLINE OF THE LANE UNLESS OTHERWISE NOTED. ALL FLAT-TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC UNLESS OTHERWISE NOTED.
- G. STATIONS, OFFSETS, AND INVERT ELEVATIONS FOR FLARED END SECTIONS, ARE GIVEN AT THE CENTERLINE OF THE OUTLET END OF THE FLARED END SECTION. THE FLARED END SECTION SHALL BE INSTALLED AT THE SAME SLOPE AS THE OUTLET PIPE.
- H. HOT-MIX ASPHALT OR CONCRETE PAVEMENT CROSSINGS SHALL NOT BE LEFT IN GRAVEL OVERNIGHT. THIS WILL INCLUDE THE MAIN ROAD, SIDE STREETS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES AND PARKING AREAS. TEMPORARY HOT-MIX ASPHALT PATCHING OR STEEL PLATES (SEE STEEL PLATE SPECIAL PROVISION) MAY BE USED IN LIEU OF IMMEDIATE PAVEMENT REPLACEMENT.

- I. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER OR EXTENDED TO OUTLET INTO A PROPOSED DRAINAGE WAY. IF THIS CANNOT BE ACCOMPLISHED, THEN IT SHALL BE REPAIRED WITH NEW PIPE OF SIMILAR SIZE AND MATERIAL TO THE ORIGINAL LINE AND PUT IN ACCEPTABLE OPERATING CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TILE OR ON-SITE DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT. AN ESTIMATED QUANTITY OF PIPE DRAINS, 4" AND PIPE DRAINS, 6" HAS BEEN INCLUDED FOR THIS WORK.
- J. TOP OF FRAME (RIM) ELEVATIONS SHOWN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE.
- K. COUPLINGS USED FOR CONNECTIONS OF NEW PIPE TO EXISTING PIPE AND WHERE DISSIMILAR PIPE AND JOINT MATERIALS ARE ENCOUNTERED SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. NO STAINLESS STEEL SHEAR RINGS WILL BE ALLOWED.

DRIVEWAYS AND ENTRANCES

- A. EXISTING HOT-MIX ASPHALT DRIVEWAYS AND ENTRANCES SHALL BE RE-SURFACED TO ONE FOOT INSIDE THE RIGHT-OF-WAY WITH HOT-MIX ASPHALT SURFACE COURSE AS SCHEDULED ON THE PLANS.
- B. EXISTING HOT-MIX ASPHALT DRIVEWAYS AND ENTRANCES SHALL BE SAWCUT AT THE LIMITS OF CONSTRUCTION LINE. THE SURFACE SHALL BE REMOVED TO THE SAWCUT. THE AGGREGATE BASE SHALL BE APPROPRIATELY PREPARED, AND THE DRIVEWAY SHALL BE RESURFACED WITH HOT-MIX ASPHALT SURFACE COURSE.
- C. EXISTING AGGREGATE FIELD ENTRANCES SHALL BE BUILT UP IN PLACE TO ONE FOOT INSIDE THE RIGHT- OF-WAY WITH AGGREGATE BASE COURSE, UNLESS OTHERWISE NOTED ON THE PLANS.

LANDSCAPING

PHOSPHORUS FERTILIZER NUTRIENT SHALL NOT BE USED ON LAKE COUNTY HIGHWAYS.

MILLED PAVEMENT

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM ELEVATION DIFFERENCE BETWEEN LANES, AT CONCRETE CURB AND GUTTER, OR EXISTING GROUND (SHOULDERS, ENTRANCES ETC...) SHALL NOT EXCEED 1.5 INCHES. WITH WRITTEN APPROVAL FROM THE ENGINEER THE MAXIMUM ELEVATION DIFFERENCE MAY BE UP TO 3 INCHES IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 3:1 (H:V).

SIGNS

- A. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE SIGNS WHICH INTERFERE WITH HIS/HER CONSTRUCTION OPERATIONS, AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION OPERATIONS ACCORDING TO ARTICLE 107.25 OF THE "STANDARD SPECIFICATIONS".
 - ALL UNUSED SIGNS SHALL BE RETURNED TO THE COUNTY, VILLAGE OR IDOT.
 - LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
- B. PROPOSED SIGNING TO BE FURNISHED AND INSTALLED BY CONTRACTOR. PROPOSED PERMANENT SIGNS TO BE COORDINATED WITH THE ENGINEER AND LCDOT TRAFFIC DEPARTMENT.

UTILITIES

- A. LOCATION INFORMATION FOR UNDERGROUND UTILITY FACILITIES SHOWN ON THE PLANS AND/OR INCLUDED IN THE CONTRACT SPECIFICATIONS REPRESENTS THE BEST INFORMATION PROVIDED TO LCDOT, AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR. LCDOT ASSUMES NO RESPONSIBILITY FOR THE SUFFICIENCY OR THE ACCURACY OF THE LOCATION INFORMATION PROVIDED.

- B. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER, CABLE, ETC., UTILITY LINES (MINIMUM 48 HOURS NOTIFICATION IS REQUIRED).
- C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY ACCORDING TO THE SPECIAL PROVISIONS AND ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS". THE CONTRACTOR SHALL RESTORE SUCH PROPERTY. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.

MAILBOXES

ACCORDING TO ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS" THE CONTRACTOR SHALL REMOVE ALL MAILBOXES WITHIN THE LIMITS OF CONSTRUCTION WHICH INTERFERE WITH CONSTRUCTION OPERATIONS. THE REMOVED MAILBOXES SHALL BE ERECTED AT TEMPORARY LOCATIONS. AS SOON AS CONSTRUCTION OPERATIONS PERMIT, THE CONTRACTOR SHALL SET THE MAILBOXES AT THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER AND APPROVED BY THE POSTMASTER.

MISCELLANEOUS

- A. GENERALLY 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN ON THE PLANS.
- B. THE CONTRACTOR SHALL NOT CROSS COMPLETED SURFACE COURSE OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH CONSTRUCTION EQUIPMENT WHICH MAY DAMAGE THE PAVEMENT.
- C. ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT SHOULDERS, CURB, GUTTER, COMBINATION CURB & GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
- D. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT SOME QUANTITIES ARE GIVEN IN BOTH SUMMARY FORM AND ON THE PLAN SHEETS. CARE SHOULD BE TAKEN TO AVOID DUPLICATION OF QUANTITIES.
- E. THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC ENGINEER AT WALTER.CZARNY@ILLINOIS.GOV.
- F. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE UNION PACIFIC RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED BY THE UNION PACIFIC RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
- G. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- H. ALONG US ROUTE 14, AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE SOILS MAY BE UNSTABLE AND/OR UNSUITABLE. ALONG HART ROAD, POROUS GRANULAR EMBANKMENT, SPECIAL (CU YD) HAS BEEN PROVIDED FOR USE AT LOCATIONS WHERE SOILS MAY BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI 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 OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- I. 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.
- J. THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES FOR THE USE OF ALL THE CONTRACTORS' PERSONNEL EMPLOYED ON THE WORK SITE, AND SHALL MAINTAIN SAME IN PROPER SANITARY CONDITION. THE TEMPORARY FACILITIES SHALL INCLUDE HAND SANITIZING STATIONS. AT THE COMPLETION OF THE PROJECT, THE FACILITIES SHALL BE REMOVED AND THE PREMISES LEFT CLEAN. THE ENGINEER SHALL APPROVE THE LOCATION OF THE TEMPORARY TOILETS.

COMMITMENTS

- 1. DETOUR FOR THE SOUTH LEG OF HART ROAD TO BE REMOVED PRIOR TO THE START OF SCHOOL AT BARRINGTON HIGH SCHOOL.

FILE NAME: G:\CH09\0176\Road\Sheet\8108084-GENNOTE-01.dwg



USER NAME = bmetzke	DESIGNED - JLV	REVISED -
PLOT SCALE = 4000' / 1"	DRAWN - AMK	REVISED -
PL OT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: 1:20 SHEET 2 OF 2 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	3
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				

FILE NAME: G:\CH09\076\Road\Sheet\09076-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STL, CMAQ-STA 20% LA
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,788.0	*	1,788.0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	662.0	*	662.0
20101100	TREE TRUNK PROTECTION	EACH	47.0	*	47.0
20101200	TREE ROOT PRUNING	EACH	47.0	*	47.0
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	39.0	*	39.0
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	8.0	*	8.0
20200100	EARTH EXCAVATION	CU YD	14,655.0	*	14,655.0
20400800	FURNISHED EXCAVATION	CU YD	8,865.0	*	8,865.0
20800150	TRENCH BACKFILL	CU YD	5,518.0	*	5,518.0
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	14,649.0	*	14,649.0
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	14,404.0	*	14,404.0
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	14,742.0	*	14,742.0
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	500.0	*	500.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STL, CMAQ-STA 20% LA
25000210	SEEDING, CLASS 2A	ACRE	2.00	*	2.00
25000312	SEEDING, CLASS 4A	ACRE	1.00	*	1.00
25000314	SEEDING, CLASS 4B	ACRE	0.25	*	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	390.0	*	390.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	390.0	*	390.0
25000775	SELECTIVE MOWING STAKES	EACH	4.0	*	4.0
25100630	EROSION CONTROL BLANKET	SQ YD	11,656.0	*	11,656.0
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	77.0	*	77.0
25200110	SODDING, SALT TOLERANT	SQ YD	16,783.0	*	16,783.0
25200200	SUPPLEMENTAL WATERING	UNIT	56.4	*	56.4
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	15,730.0	*	15,730.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	325.0	*	325.0
28000305	TEMPORARY DITCH CHECKS	FOOT	1,036.0	*	1,036.0

* SPECIALTY ITEM



USER NAME = bmsotake	DESIGNED - JL V	REVISED -
PLOT SCALE = 48.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 1 OF 14 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	4
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
26000400	PERIMETER EROSION BARRIER	FOOT	5,047.0	5,047.0
26000510	INLET FILTERS	EACH	58.0	58.0
26100105	STONE RIPRAP, CLASS A3	SQ YD	8.0	8.0
26100107	STONE RIPRAP, CLASS A4	SQ YD	34.0	34.0
26100109	STONE RIPRAP, CLASS A5	SQ YD	76.0	76.0
26200200	FILTER FABRIC	SQ YD	195.0	195.0
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	75.0	75.0
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	18,485.0	18,485.0
35101400	AGGREGATE BASE COURSE, TYPE B	TON	528.0	528.0
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	2,199.0	2,199.0
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	4,800.0	4,800.0
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	754.0	754.0
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	2,766.0	2,766.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SQ YD	314.0	314.0
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	170.0	170.0
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	496.0	496.0
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9,810.0	9,810.0
40600280	BITUMINOUS MATERIALS (TACK COAT)	POUND	16,289.0	16,289.0
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	555.0	555.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	116.0	116.0
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	70.0	70.0
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	5,208.0	5,208.0
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	861.0	861.0
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,744.0	1,744.0
40603555	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	1,085.0	1,085.0
42001300	PROTECTIVE COAT	SQ YD	5,470.0	5,470.0

FILE NAME: G:\CHOP\DATA\Road\Sheet\508081-500.dgn



USER NAME = brisetzke	DESIGNED - JL V	REVISED -
PLDT SCALE = 48.00' / 1in.	DRAWN - AMK	REVISED -
PLDT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 2 OF 14 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	5
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	280.0	280.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	19,791.0	19,791.0
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	626.0	626.0
42400800	DETECTABLE WARNINGS	SQ FT	706.0	706.0
44000100	PAVEMENT REMOVAL	SQ YD	7,613.0	7,613.0
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	3,616.0	3,616.0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	5,413.0	5,413.0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,776.0	1,776.0
44000300	CURB REMOVAL	FOOT	212.0	212.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,296.0	2,296.0
44000600	SIDEWALK REMOVAL	SQ FT	212.0	212.0
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	412.0	412.0
44003100	MEDIAN REMOVAL	SQ FT	598.0	598.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
44004250	PAVED SHOULDER REMOVAL	SQ YD	700.0	700.0
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	22.0	22.0
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	391.0	391.0
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	39.0	39.0
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	17.0	17.0
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	25.0	25.0
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	73.0	73.0
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	509.0	509.0
44213200	SAW CUTS	FOOT	966.0	966.0
44201299	DOWEL BARS 1 1/2"	EACH	873.0	873.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	75.0	75.0
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	898.0	898.0
50104400	CONCRETE HEADWALL REMOVAL	EACH	2.0	2.0

FILE NAME: G:\C:\03\0176\Road\Shmets\08084-500.dwg



USER NAME = bmsetzke	DESIGNED -- JLJ	REVISED --
PLOT SCALE = 48.00' / in.	DRAWN -- AMK	REVISED --
PLOT DATE = 7/8/2019	CHECKED -- JWC	REVISED --
	DATE -- 7/10/2019	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 3 OF 14 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	6
CONTRACT NO. 61065				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

FILE NAME: G:\CH05\016\Road\Sheets\090814-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
50105220	PIPE CULVERT REMOVAL	FOOT	829.0	829.0
50200100	STRUCTURE EXCAVATION	CU YD	50.0	50.0
50300225	CONCRETE STRUCTURES	CU YD	20.8	20.8
50300285	FORM LINER TEXTURED SURFACE	SQ FT	1,162.0	1,162.0
50300300	PROTECTIVE COAT	SQ YD	71.0	71.0
50800105	REINFORCEMENT BARS	POUND	950.0	950.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,350.0	2,350.0
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1.0	1.0
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	561.0	561.0
54010403	PRECAST CONCRETE BOX CULVERTS 4' X 3'	FOOT	52.0	52.0
54010503	PRECAST CONCRETE BOX CULVERTS 5' X 3'	FOOT	668.0	668.0
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	43.0	43.0
542A8245	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 60"	FOOT	110.0	110.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
54213654	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 8"	EACH	2.0	2.0
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1.0	1.0
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	6.0	6.0
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	5.0	5.0
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1.0	1.0
54214335	END SECTIONS, EQUIVALENT ROUND-SIZE 60"	EACH	1.0	1.0
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	2.0	2.0
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	5.0	5.0
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1.0	1.0
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	82.0	82.0
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	143.0	143.0
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	2.0	2.0
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	109.0	109.0

* SPECIALTY ITEM



USER NAME = bms2k0	DESIGNED - JLV	REVISED -
PLT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 4 OF 14 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	7
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	144.0	144.0
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	30.0	30.0
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	710.0	710.0
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	55.0	55.0
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	568.0	568.0
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	605.0	605.0
550A0540	STORM SEWERS, CLASS A, TYPE 2 84"	FOOT	481.0	481.0
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	3.0	3.0
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	94.0	94.0
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	9.0	9.0
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	232.0	232.0
550A2380	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 30"	FOOT	30.0	30.0
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	85.0	85.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	21.0	21.0
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	28.0	28.0
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	7.0	7.0
550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	139.0	139.0
550A4900	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 24"	FOOT	412.0	412.0
550A5100	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 30"	FOOT	30.0	30.0
550A5500	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42"	FOOT	60.0	60.0
55100500	STORM SEWER REMOVAL 12"	FOOT	379.0	379.0
55100700	STORM SEWER REMOVAL 15"	FOOT	34.0	34.0
55101400	STORM SEWER REMOVAL 30"	FOOT	159.0	159.0
55105000	WATER VALVES 8"	EACH	3.0	3.0
55106400	ADJUSTING WATER MAIN 8"	FOOT	120.0	120.0
55106500	ADJUSTING WATER MAIN 10"	FOOT	45.0	45.0

FILE NAME: G:\CH03\0716\Road\Sheet\09084-500.dgn



USER NAME = bmsatzke	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1/20 SHEET 5 OF 14 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	8
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	5.0	*	5.0
56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	5.0	*	5.0
60106100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	74.0		74.0
60106104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	4,928.0		4,928.0
60106204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	2,613.0		2,613.0
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1.0		1.0
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	8.0		8.0
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	7.0		7.0
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	10.0		10.0
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3.0		3.0
60207005	CATCH BASINS, TYPE C, TYPE 1 FRAME, CLOSED LID	EACH	1.0		1.0
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1.0		1.0
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	17.0		17.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	10.0		10.0
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6.0		6.0
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8.0		8.0
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10.0		10.0
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3.0		3.0
60224449	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1.0		1.0
60224456	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1.0		1.0
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	14.0		14.0
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2.0		2.0
60224476	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1.0		1.0
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	3.0		3.0
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4.0		4.0
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3.0	*	3.0

FILE NAME: G:\CUB9\0716\Road\Sheet\08084-500.dgn



USER NAME = bmsatzke	DESIGNED - JLV	REVISED -
PLOT SCALE = 48.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: h20 SHEET 6 OF 14 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	9
CONTRACT NO. 61065				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU. CMAQ-STA 20% LA
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1.0	1.0
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1.0	1.0
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	14.0	14.0
60500040	REMOVING MANHOLES	EACH	2.0	2.0
60500050	REMOVING CATCH BASINS	EACH	5.0	5.0
60500060	REMOVING INLETS	EACH	1.0	1.0
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.0	5.0
60600605	CONCRETE CURB, TYPE B	FOOT	528.0	528.0
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,276.0	2,276.0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	3,876.0	3,876.0
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	1,820.0	1,820.0
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	172.0	172.0
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	918.0	918.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU. CMAQ-STA 20% LA
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	985.0	985.0
60624600	CORRUGATED MEDIAN	SQ FT	197.0	197.0
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	138.0	138.0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1.0	1.0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1.0	1.0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2.0	2.0
63200310	GUARDRAIL REMOVAL	FOOT	155.0	155.0
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	850.0	850.0
66900530	SOIL DISPOSAL ANALYSIS	EACH	4.0	4.0
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1.0	1.0
66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	128.0	128.0
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1.0	1.0
67100100	MOBILIZATION	L SUM	1.0	1.0

FILE NAME: G:\CH05\0716\Road\Sheet\080914-500.dgn



USER NAME = bmsazke	DESIGNED - JLV	REVISED -
PLOT SCALE = 48.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 7/9/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 7 OF 14 SHEETS STA. TO STA.

FAU RTE. 2549	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00174-05-CH	LAKE	423	10
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	274.0	274.0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,096.0	1,096.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	36,550.0	36,550.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	11,906.0	11,906.0
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	50.0	50.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	26,226.0	26,226.0
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	38.0	38.0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	260.0	260.0
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	8,929.0	8,929.0
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,800.0	1,800.0
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	963.0	963.0
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	3.0	3.0
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2.0	2.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY 80% STU, CMAQ-STA 20% LA
72000100	SIGN PANEL - TYPE 1	SQ FT	336.0	336.0
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	12.0	12.0
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	32.0	32.0
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	22.0	22.0
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	8.0	8.0
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	52.0	52.0
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	174.0	174.0
72900100	METAL POST - TYPE A	FOOT	243.0	243.0
72900200	METAL POST - TYPE B	FOOT	27.0	27.0
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	7.0	7.0
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	4.4	4.4
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,606.0	1,606.0
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,482.0	11,482.0

FILE NAME: G:\CH09\076\Road\Sheet\080814-500.dgn



USER NAME = bmsztkc	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 8 OF 14 SHEETS STA. TO STA.

* SPECIALTY ITEM

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	11
CONTRACT NO. 61065				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	5,569.0	⌘	5,569.0
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6,471.0	*	6,471.0
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	600.0	⌘	600.0
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,427.0	*	2,427.0
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	639.0	*	639.0
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	53.0	*	53.0
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8.0	*	8.0
78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	90.0	⌘	90.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	53.0	*	53.0
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2,331.0	*	2,331.0
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	237.0	*	237.0
81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	23.0	*	23.0
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,299.0	*	1,299.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
81400100	HANDHOLE	EACH	3.0	*	3.0
81400200	HEAVY-DUTY HANDHOLE	EACH	7.0	*	7.0
81400300	DOUBLE HANDHOLE	EACH	5.0	*	5.0
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2.0	*	2.0
86400100	TRANSCIVER - FIBER OPTIC	EACH	1.0	*	1.0
87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 82.5/125, MM12F SM12F	FOOT	6,380.0	*	6,380.0
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	8,019.0	*	8,019.0
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,930.0	*	1,930.0
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,520.0	*	3,520.0
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	9,745.0	*	9,745.0
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	327.0	*	327.0
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5,428.0	*	5,428.0
87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	292.0	*	292.0

FILE NAME: C:\CH09\0716\Road\Streets\08084-500.dgn



USER NAME = bmaetzke	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 9 OF 14 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	12
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	105.0	*	105.0
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,285.0	*	1,285.0
87502430	TRAFFIC SIGNAL POST, GALVANIZED STEEL 9 FT.	EACH	1.0	*	1.0
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2.0	*	2.0
87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	1.0	*	1.0
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1.0	*	1.0
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1.0	*	1.0
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1.0	*	1.0
87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1.0	*	1.0
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1.0	*	1.0
87702495	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 32 FT. AND 58 FT.	EACH	1.0	*	1.0
87702731	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48 FT. AND 50 FT.	EACH	1.0	*	1.0
87703120	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 75 FT.	EACH	1.0	*	1.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40.0	*	40.0
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4.0	*	4.0
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10.0	*	10.0
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	32.0	*	32.0
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	48.0	*	48.0
87900200	DRILL EXISTING HANDHOLE	EACH	3.0	*	3.0
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	21.0	*	21.0
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9.0	*	9.0
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1.0	*	1.0
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1.0	*	1.0
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	6.0	*	6.0
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2.0	*	2.0
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	22.0	*	22.0

FILE NAME: G:\CH09\0716\Road\Sheet\080814-500.dgn



USER NAME = bmsetzke	DESIGNED - JLV	REVISED -
DRAWN - AMX	CHECKED - JWC	REVISED -
PLLOT SCALE = 40.00' / 1" =	DATE - 7/10/2019	REVISED -
PLLOT DATE = 7/8/2019		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1/20 SHEET 10 OF 14 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	13
CONTRACT NO. 61665				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
86600100	INDUCTIVE LOOP DETECTOR	EACH	19.0	*	19.0
86600100	DETECTOR LOOP, TYPE I	FOOT	2,480.0	*	2,480.0
86700200	LIGHT DETECTOR	EACH	5.0	*	5.0
86700300	LIGHT DETECTOR AMPLIFIER	EACH	1.0	*	1.0
88800100	PEDESTRIAN PUSH-BUTTON	EACH	10.0	*	10.0
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0	*	1.0
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1.0	*	1.0
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1,674.0	*	1,674.0
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0	*	1.0
89502380	REMOVE EXISTING HANDHOLE	EACH	13.0	*	13.0
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8.0	*	8.0
A2002484	TREE, CARPINUS BETULUS FASTIGIATA (COLUMNAR EUROPEAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	7.0	*	7.0
A2005818	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	8.0	*	8.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
A2006910	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6.0	*	6.0
A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	8.0	*	8.0
A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11.0	*	11.0
B0001716	TREE, AMELANCHIER X GRANDIFLORA APPLE, (APPLE SERVICEBERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6.0	*	6.0
B2001420	TREE, CORNUS MAS (CORNELIAN CHERRY DOG WOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	8.0	*	8.0
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	2,039.0	*	2,039.0
X0325833	WICK DRAINS	FOOT	9,448.0		9,448.0
X0326268	REINFORCED SOIL SLOPE SYSTEM	SQ FT	4,068.0		4,068.0
X0326310	RELOCATE EXISTING SWITCH (SPECIAL)	EACH	1.0	*	1.0
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	3,148.0		3,148.0
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	50.0		50.0
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1.0	*	1.0
X1400168	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1.0	*	1.0

FILE NAME: G:\CH09\076\Recon\Sheets\09094-S00.dgn



USER NAME = bmsatzke	DESIGNED - JLV	REVISED -
PLOT SCALE = 48.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 11 OF 14 SHEETS STA. TO STA.

* SPECIALTY ITEM

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	14
CONTRACT NO. 61065				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
X1400323	RELOCATE EXISTING ENCODER	EACH	1.0	*	1.0
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	1,120.0		1,120.0
X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	708.0	*	708.0
X2600002	RECOVERABLE DELINEATORS	EACH	12.0	*	12.0
X2600500	INLET PROTECTION, SPECIAL	EACH	13.0		13.0
X4020800	AGGREGATE SURFACE COURSE, TYPE B 12"	SQ YD	31.0		31.0
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	248.0		248.0
X5011100	FOUNDATION REMOVAL	EACH	6.0		6.0
X5030290	STAINING CONCRETE STRUCTURES	SQ FT	1,227.0		1,227.0
X5091755	PARAPET RAILING, SPECIAL	FOOT	108.0	*	108.0
X5400303	PRECAST CONCRETE BOX CULVERTS 4' X 3', (SPECIAL)	FOOT	35.0		35.0
X5400304	PRECAST CONCRETE BOX CULVERTS 5' X 3', (SPECIAL)	FOOT	87.0		87.0
X5428860	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60" (SPECIAL)	EACH	1.0		1.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2.0		2.0
X6020293	MANHOLES, TYPE A, 8'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	2.0		2.0
X6022110	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2.0		2.0
X6022111	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 8 GRATE	EACH	1.0		1.0
X6022112	MANHOLES, TYPE A, 10' DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1.0		1.0
X6022940	MANHOLES, TYPE A, 5'-DIAMETER, WITH SPECIAL FRAME, CLOSED LID	EACH	1.0		1.0
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	12.0		12.0
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1.0		1.0
X6026622	VALVE VAULTS TO BE REMOVED	EACH	3.0	*	3.0
X6065750	CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)	SQ FT	8,124.0		8,124.0
X6330705	RUB RAIL	FOOT	188.0	*	188.0
X6700405	ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	15.0		15.0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0		1.0

FILE NAME: G:\CHERRY OFFICE\Roads\Shoos\090904-S00.dgn



USER NAME = bmsztzke	DESIGNED - JLW	REVISED -
PLOT SCALE = 40.00' / 1" = 1/4"	DRAWN - AMK	REVISED -
PLDT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 12 OF 14 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	15
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

* SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
X7030006	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	12,226.0		12,226.0
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	985.0		985.0
X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	80.0	*	80.0
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1,188.0	*	1,188.0
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	6,907.0	*	6,907.0
X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	5,569.0	*	5,569.0
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	4,016.0	*	4,016.0
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	600.0	*	600.0
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	999.0	*	999.0
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	349.0	*	349.0
X8820200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1.0	*	1.0
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	1,662.0	*	1,662.0
X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	434.0	*	434.0

CODE NO.	ITEM	UNIT	TOTAL QUANTITY		0004 ROADWAY 80% STU, CMAQ-STA 20% LA
X9730800	ELECTRIC CABLE IN CONDUIT, VIDEO, NO. 20 4 C	FOOT	434.0	*	434.0
X8760055	PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	2.0	*	2.0
XX001249	ORNAMENTAL FENCE	FOOT	232.0	*	232.0
XX005937	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4.0	*	4.0
XX006646	TREATMENT STRUCTURES	EACH	3.0		3.0
XX008132	RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM	EACH	1.0	*	1.0
XX008608	CABLE, SPECIAL	FOOT	983.0	*	983.0
XX008665	PERMEABLE PLASTIC BERM	FOOT	1,221.0	*	1,221.0
XX009244	STEEL CASING PIPE, BORED AND JACKED, 8"	FOOT	107.0	*	107.0
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,089.0		1,089.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0		1.0
Z0022800	FENCE REMOVAL	FOOT	375.0		375.0
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	70.0		70.0

FILE NAME: G:\CH09\0176\Road\Shoots\09084-500.dwg



USER NAME = bms02zke	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

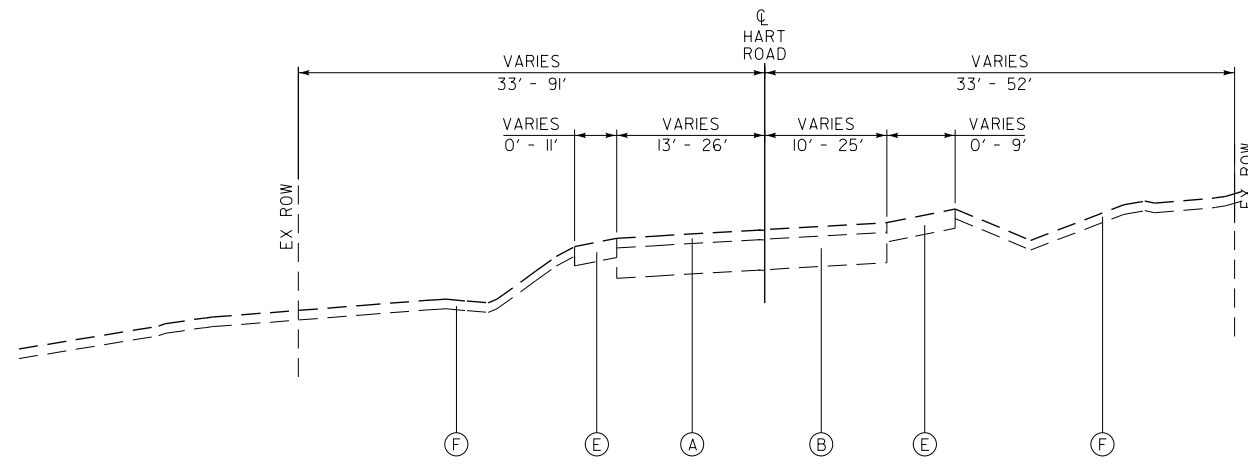
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 1:20 SHEET 13 OF 14 SHEETS STA. TO STA.

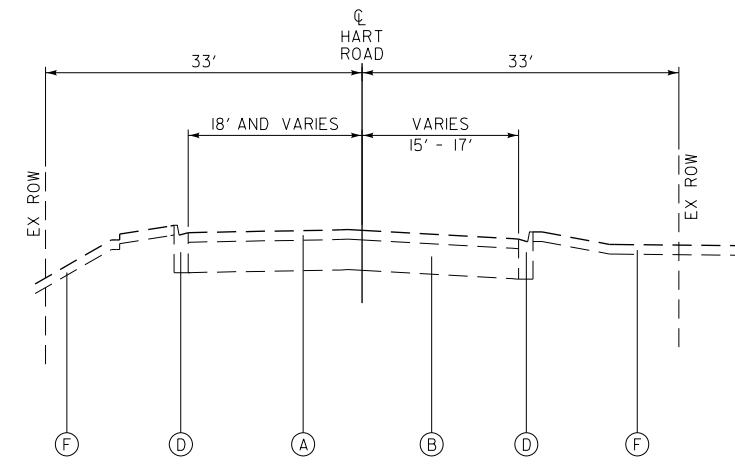
FAU RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549		09-00174-05-CH	LAKE	423	16
CONTRACT NO. 61065					
ILLINOIS FED. AID PROJECT					

* SPECIALTY ITEM



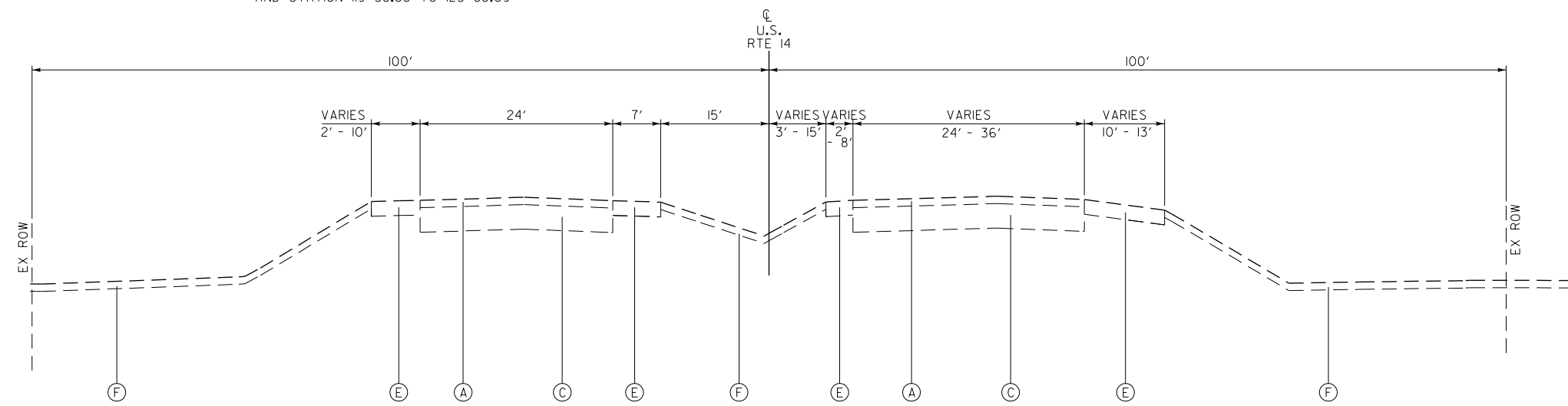
EXISTING TYPICAL SECTION

HART ROAD
STATION 93+07.69 TO 111+30.04
AND STATION 119+38.80 TO 123+88.09



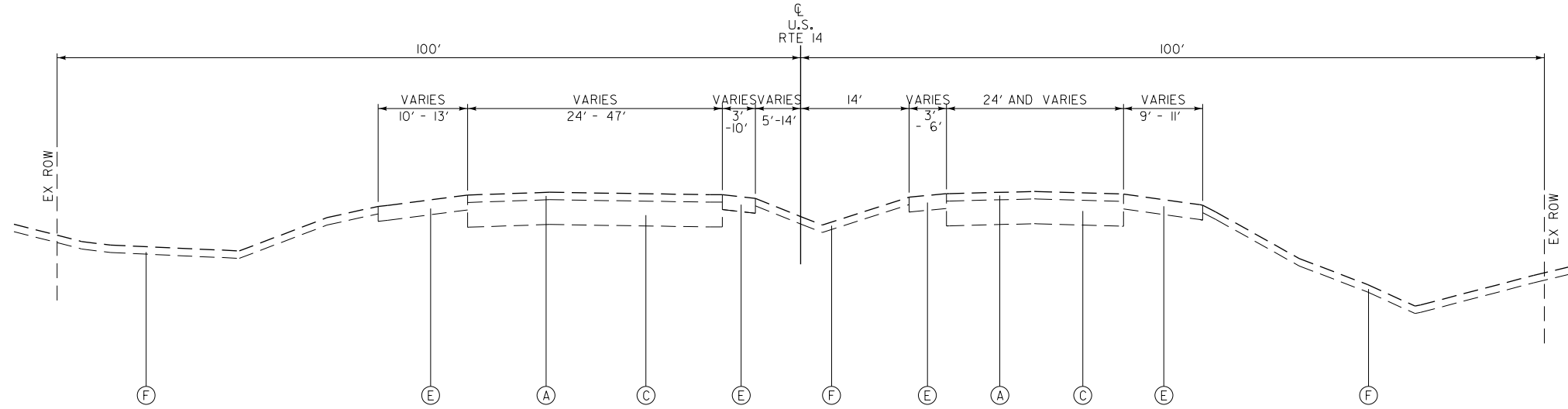
EXISTING TYPICAL SECTION

HART ROAD
STATION 112+85.84 TO 119+38.80



EXISTING TYPICAL SECTION

U.S. ROUTE 14
STATION 200+22.00 TO 207+01.41



EXISTING TYPICAL SECTION

U.S. ROUTE 14
STATION 207+01.41 TO 216+07.78

- EXISTING LEGEND**
- Ⓐ HMA CONCRETE SURFACE AND BINDER COURSE - 3" AND VARIES
 - Ⓑ HMA BASE COURSE - 9.5" AND VARIES
 - Ⓒ PCC BASE COURSE - 10" AND VARIES
 - Ⓓ CONCRETE CURB AND GUTTER
 - Ⓔ AGGREGATE SHOULDER, TYPE B - 6"
 - Ⓕ GROUND SURFACE (ASSUME 4" TOPSOIL ALONG HART ROAD)
 - Ⓖ GROUND SURFACE (ASSUME 6" TOPSOIL ALONG U.S. ROUTE 14)
- PROPOSED LEGEND**
- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
 - ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 3"
 - ③ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 - 2"
 - ④A HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 6¾"
 - ④B HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 9½"
 - ⑤ POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
 - ⑥A PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10" (WIDENING OF SIX FEET OR LESS)
 - ⑥B PORTLAND CEMENT CONCRETE BASE COURSE 10" (WIDENING GREATER THAN SIX FEET)
 - ⑦ AGGREGATE BASE COURSE, TYPE B 6"
 - ⑧ AGGREGATE SUBGRADE IMPROVEMENT 12"
 - ⑨ COMB CONC C&G TY B-6.12
 - ⑩ COMB CONC C&G TY B-6.24
 - ⑪ COMB CONC C&G TY M-4.12
 - ⑫ COMB CONC C&G TY M-4.24
 - ⑬ COMB CONC C&G TY M-2.12
 - ⑭ AGGREGATE SHOULDER, TYPE B - 6" (PAID FOR AS AGGREGATE SHOULDER, TYPE B)
 - ⑮ HOT-MIX ASPHALT SHOULDERS, 6"
 - ⑯ PORTLAND CEMENT CONCRETE SIDEWALK, 5"
 - ⑰ TOPSOIL FURNISH AND PLACE, 4" (ALONG HART ROAD) AND SEEDING/ SODDING AS NOTED ON THE PLANS
 - ⑱ TOPSOIL FURNISH AND PLACE, 6" (ALONG U.S. ROUTE 14) AND SEEDING/ SODDING AS NOTED ON THE PLANS
 - ⑲ PIPE UNDERDRAINS, TYPE 1, 4"
 - ⑳ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - ㉑ RETAINING WALL
 - ㉒ CONCRETE MEDIAN, TYPE SB-6.12
 - ㉓ CONC MEDIAN SURFACE, 6"
 - ㉔ AGGREGATE BASE COURSE, TYPE B
 - ㉕ AGGREGATE SHOULDERS, TYPE A 2"
 - ㉖ AGGREGATE BASE COURSE, TYPE B 4"
 - ㉗ PIPE UNDERDRAIN TYPE 2, 4"
 - ㉘ LONGITUDINAL JOINT SEALANT (RECONSTRUCTION - SHALL BE PLACED UNDER THE TOP LIFT OF BINDER AND UNDER THE SURFACE MIX RESURFACING - SHALL BE PLACED UNDER THE SURFACE MIX)

FILE NAME: G:\CH09\0176\Road\Sheets\108084-TYP-01.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 20.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

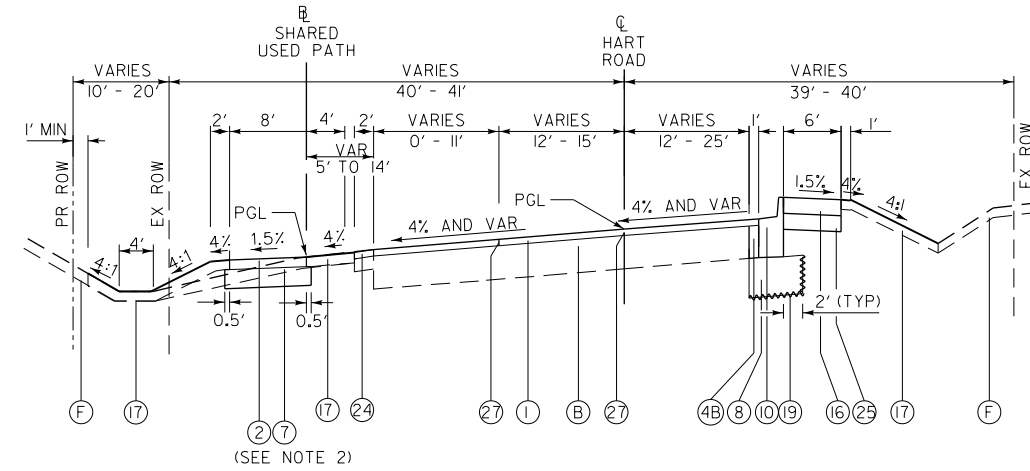
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - EXISTING
U.S. ROUTE 14 AND HART ROAD**

SCALE: 1:20 SHEET 1 OF 4 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	18
CONTRACT NO. 61D65			ILLINOIS FED. AID PROJECT	

- NOTE:**
- SEE ROADWAY PLANS FOR SUPERELEVATION
 - SHARED USE PATH FROM STA 93+07.69 TO STA III+65.85
 - STATION EQUATION:
HART ROAD STATION 109+50.00 = 45+63.67 COUNTY STRIP MAP.

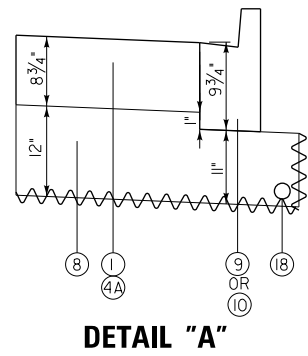


**PROPOSED TYPICAL SECTION
RESURFACING AND WIDENING**

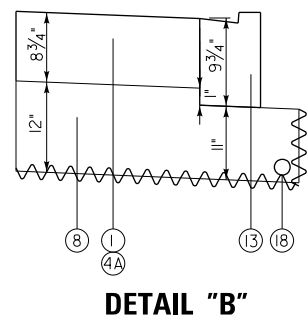
HART ROAD
STATION 93+07.69 TO 99+93.87

- EXISTING LEGEND**
- (A) HMA CONCRETE SURFACE AND BINDER COURSE - 3" AND VARIES
 - (B) HMA BASE COURSE - 9.5" AND VARIES
 - (C) PCC BASE COURSE - 10" AND VARIES
 - (D) CONCRETE CURB AND GUTTER
 - (E) AGGREGATE SHOULDER, TYPE B - 6"
 - (F) GROUND SURFACE (ASSUME 4" TOPSOIL ALONG HART ROAD)
GROUND SURFACE (ASSUME 6" TOPSOIL ALONG U.S. ROUTE 14)

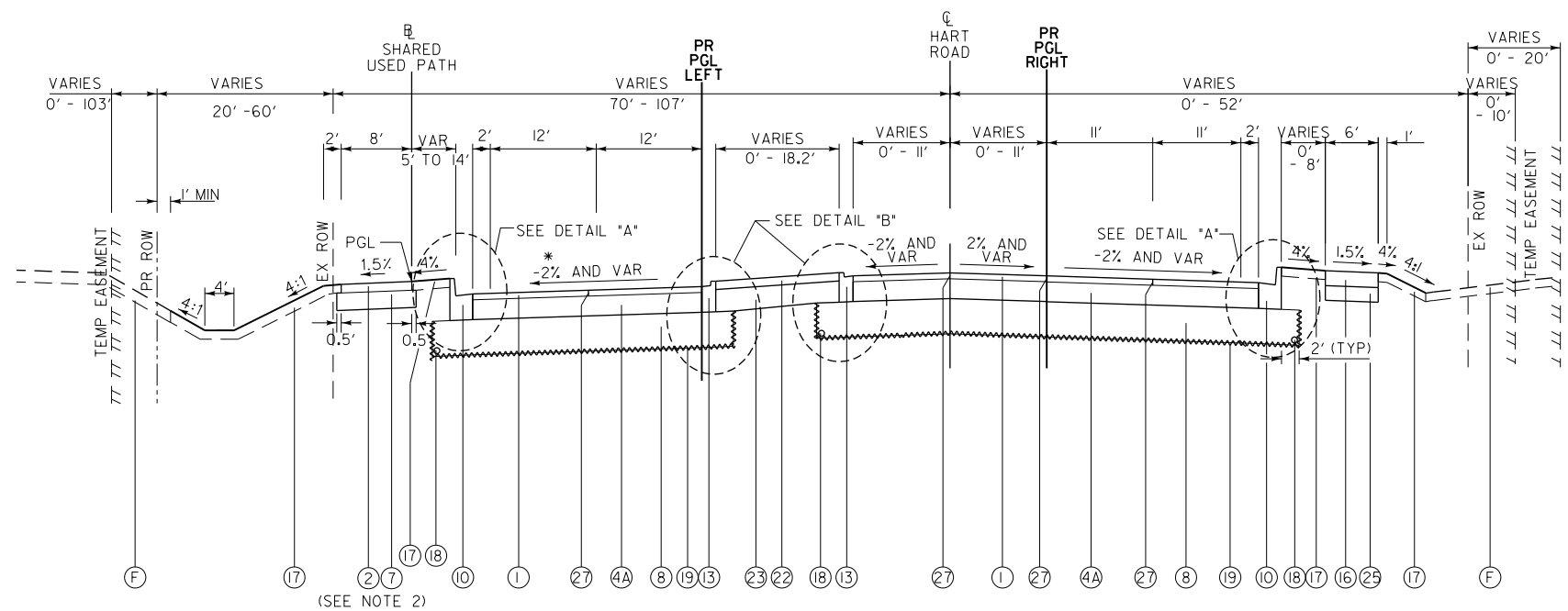
- PROPOSED LEGEND**
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
 - (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 3"
 - (3) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 - 2"
 - (4A) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 6 3/4"
 - (4B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 9 1/2"
 - (5) POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
 - (6A) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10" (WIDENING OF SIX FEET OR LESS)
 - (6B) PORTLAND CEMENT CONCRETE BASE COURSE 10" (WIDENING GREATER THAN SIX FEET)
 - (7) AGGREGATE BASE COURSE, TYPE B 6"
 - (8) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (9) COMB CONC C&G TY B-6.12
 - (10) COMB CONC C&G TY B-6.24
 - (11) COMB CONC C&G TY M-4.12
 - (12) COMB CONC C&G TY M-4.24
 - (13) COMB CONC C&G TY M-2.12
 - (14) AGGREGATE SHOULDER, TYPE B - 6" (PAID FOR AS AGGREGATE SHOULDER, TYPE B)
 - (15) HOT-MIX ASPHALT SHOULDERS, 6"
 - (16) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
 - (17) TOPSOIL FURNISH AND PLACE, 4" (ALONG HART ROAD) AND SEEDING/ SODDING AS NOTED ON THE PLANS
TOPSOIL FURNISH AND PLACE, 6" (ALONG U.S. ROUTE 14) AND SEEDING/ SODDING AS NOTED ON THE PLANS
 - (18) PIPE UNDERDRAINS, TYPE 1, 4"
 - (19) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - (20) RETAINING WALL
 - (21) CONCRETE MEDIAN, TYPE SB-6.12
 - (22) CONC MEDIAN SURFACE, 6"
 - (23) AGGREGATE BASE COURSE, TYPE B
 - (24) AGGREGATE SHOULDERS, TYPE A 2"
 - (25) AGGREGATE BASE COURSE, TYPE B 4"
 - (26) PIPE UNDERDRAIN TYPE 2, 4"
 - (27) LONGITUDINAL JOINT SEALANT (RECONSTRUCTION - SHALL BE PLACED UNDER THE TOP LIFT OF BINDER AND UNDER THE SURFACE MIX
RESURFACING - SHALL BE PLACED UNDER THE SURFACE MIX)



DETAIL "A"



DETAIL "B"



**PROPOSED TYPICAL SECTION
RECONSTRUCTION**

HART ROAD
STATION 99+93.87 TO III+30.04
*SEE NOTE 1
*SEE NOTE 3

FILE NAME: G:\CH09\0176\Road\Sheet\108084-TYP-02.dgn



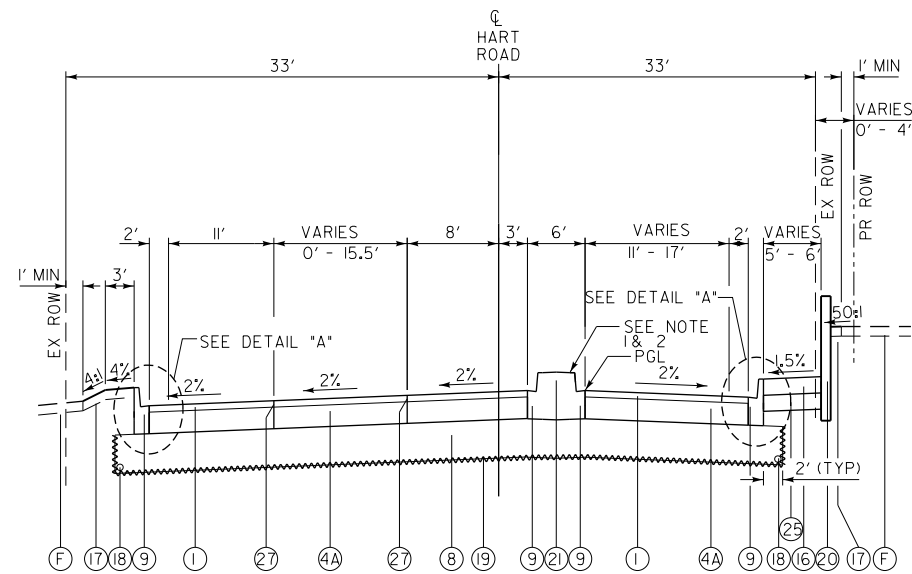
USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 20.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - PROPOSED
HART ROAD**

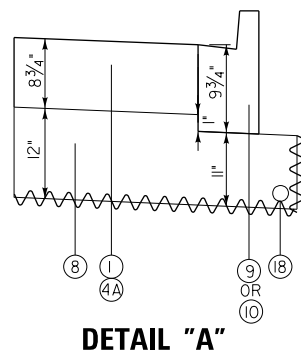
SCALE: 1:20 SHEET 2 OF 4 SHEETS STA. TO STA.

FAU R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	19
CONTRACT NO. 61D65			ILLINOIS FED. AID PROJECT	

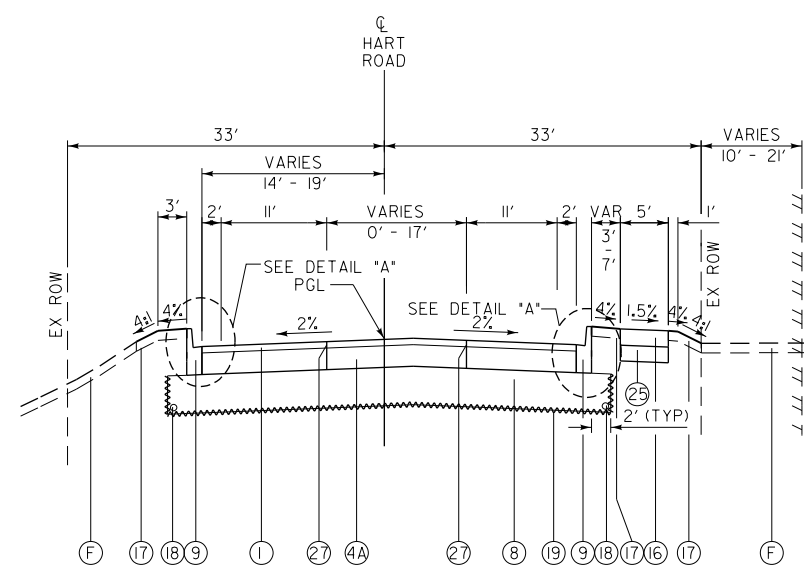


**PROPOSED TYPICAL SECTION
RECONSTRUCTION**

HART ROAD
STATION 112+63.99 TO 115+95.72

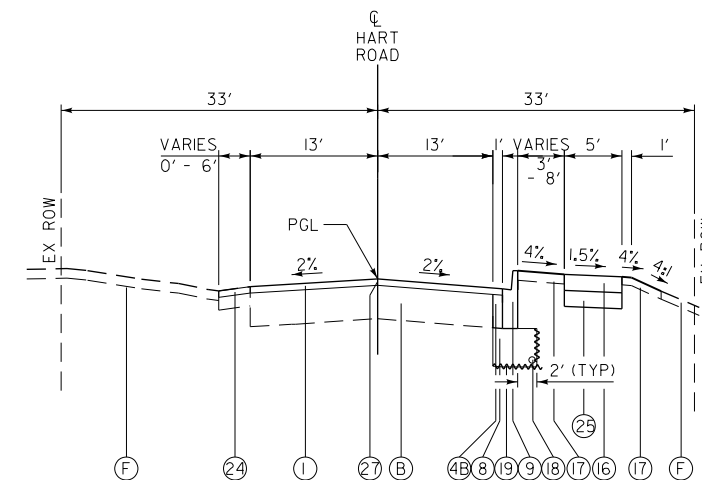


DETAIL "A"



**PROPOSED TYPICAL SECTION
RECONSTRUCTION**

HART ROAD
STATION 115+95.72 TO 121+30.70



**PROPOSED TYPICAL SECTION
RESURFACING AND WIDENING**

HART ROAD
STATION 121+30.70 TO 123+88.09

EXISTING LEGEND

- (A) HMA CONCRETE SURFACE AND BINDER COURSE - 3" AND VARIES
- (B) HMA BASE COURSE - 9.5" AND VARIES
- (C) PCC BASE COURSE - 10" AND VARIES
- (D) CONCRETE CURB AND GUTTER
- (E) AGGREGATE SHOULDER, TYPE B - 6"
- (F) GROUND SURFACE (ASSUME 4" TOPSOIL ALONG HART ROAD)
GROUND SURFACE (ASSUME 6" TOPSOIL ALONG U.S. ROUTE 14)

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 3"
- (3) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 - 2"
- (4A) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 6 3/4"
- (4B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 9 1/2"
- (5) POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
- (6A) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10" (WIDENING OF SIX FEET OR LESS)
- (6B) PORTLAND CEMENT CONCRETE BASE COURSE 10" (WIDENING GREATER THAN SIX FEET)
- (7) AGGREGATE BASE COURSE, TYPE B 6"
- (8) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (9) COMB CONC C&G TY B-6J2
- (10) COMB CONC C&G TY B-6.24
- (11) COMB CONC C&G TY M-4J2
- (12) COMB CONC C&G TY M-4.24
- (13) COMB CONC C&G TY M-2J2
- (14) AGGREGATE SHOULDER, TYPE B - 6" (PAID FOR AS AGGREGATE SHOULDER, TYPE B)
- (15) HOT-MIX ASPHALT SHOULDERS, 6"
- (16) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (17) TOPSOIL FURNISH AND PLACE, 4" (ALONG HART ROAD) AND SEEDING/ SODDING AS NOTED ON THE PLANS
TOPSOIL FURNISH AND PLACE, 6" (ALONG U.S. ROUTE 14) AND SEEDING/ SODDING AS NOTED ON THE PLANS
- (18) PIPE UNDERDRAINS, TYPE 1, 4"
- (19) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) RETAINING WALL
- (21) CONCRETE MEDIAN, TYPE SB-6.J2
- (22) CONC MEDIAN SURFACE, 6"
- (23) AGGREGATE BASE COURSE, TYPE B
- (24) AGGREGATE SHOULDERS, TYPE A 2"
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) PIPE UNDERDRAIN TYPE 2, 4"
- (27) LONGITUDINAL JOINT SEALANT (RECONSTRUCTION - SHALL BE PLACED UNDER THE TOP LIFT OF BINDER AND UNDER THE SURFACE MIX
RESURFACING - SHALL BE PLACED UNDER THE SURFACE MIX)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
HART ROAD - RECONSTRUCTION	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	4% @ 70 GYRATION
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYRATION
HART ROAD - RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	4% @ 70 GYRATION
U.S. RTE 14 RESURFACING AND RECONSTRUCTION	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL-9.5 mm)	4% @ 70 GYRATION
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL4-7.5, N50	3.5% @ 50 GYRATION
HART ROAD - CURB AND GUTTER TO SHOULDER TRANSITION (HMA SHOULDER 6")	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) - 1 1/2"	4% @ 70 GYRATION
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 mm) - 4 1/2"	4% @ 70 GYRATION
U.S. RTE 14 SHOULDER RECONSTRUCTION (HMA SHOULDER 6")	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) - 2"	4% @ 70 GYRATION
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 mm) - 4"	4% @ 70 GYRATION
SHARED USE BIKE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm)	4% @ 50 GYRATION
COMMERCIAL DRIVEWAYS - U.S. RTE 14	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm)	4% @ 50 GYRATION
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) - 8"	4% @ 50 GYRATION
COMMERCIAL AND PRIVATE DRIVEWAYS - HART ROAD	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) - 2.5"	4% @ 50 GYRATION
PATCHING - U.S. RTE 14 & HART ROAD	
CLASS "D" PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYRATION
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYRATION
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) - 2"	4% @ 70 GYRATION
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 6"	4% @ 70 GYRATION

NOTES: 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

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

3. PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; THICKNESS SHALL BE 7 1/4". TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

NOTES:

- 1. RAISED CONCRETE MEDIAN FROM STA 112+98.83 TO STA 114+55.68
- 2. FLUSH/PAINTED MEDIAN FROM STA 114+55.68 TO STA 115+95.72

FILE NAME: G:\CH09\0176\Road\Sheets\108084-TYP-03.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 20.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

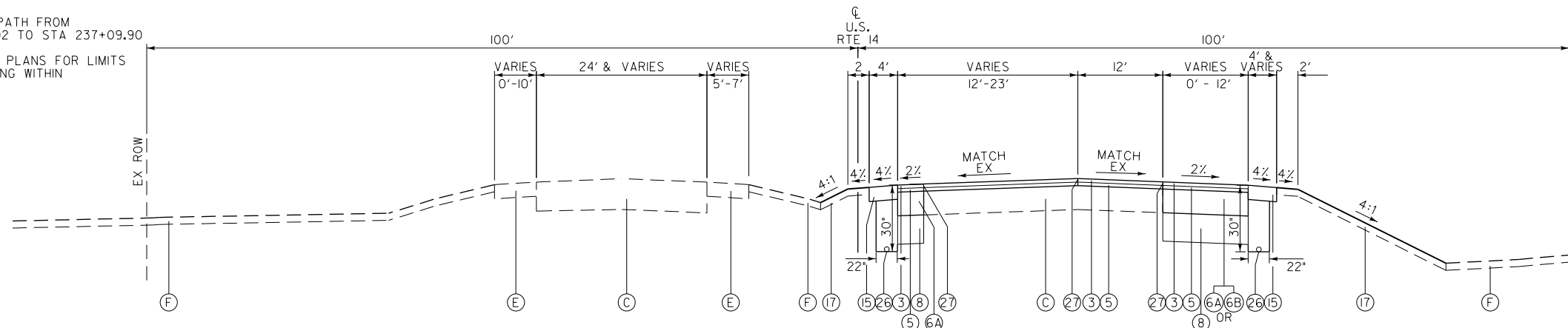
**TYPICAL SECTIONS - PROPOSED
HART ROAD**

SCALE: 1:20 SHEET 3 OF 4 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	20
			CONTRACT NO. 6ID65	
ILLINOIS FED. AID PROJECT				

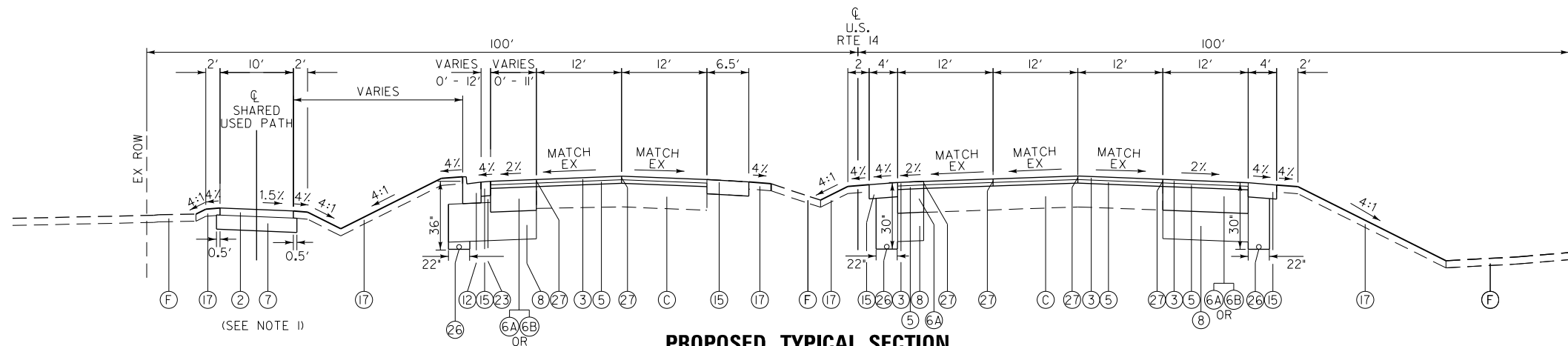
NOTE:

- SHARED USE PATH FROM STA 205+52.02 TO STA 237+09.90
- SEE ROADWAY PLANS FOR LIMITS OF RESURFACING WITHIN INTERSECTION



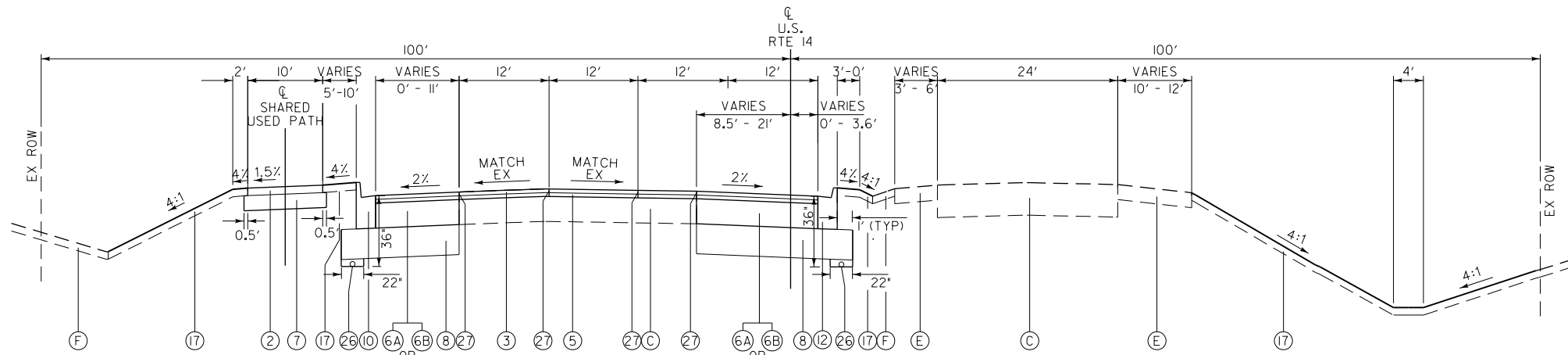
**PROPOSED TYPICAL SECTION
RESURFACING AND WIDENING**

U.S. ROUTE 14
STATION 200+21.98 TO 204+29.40



**PROPOSED TYPICAL SECTION
RESURFACING AND WIDENING**

U.S. ROUTE 14
STATION 204+29.40 TO 208+94.00
(SEE NOTE 2)



**PROPOSED TYPICAL SECTION
RESURFACING AND WIDENING**

U.S. ROUTE 14
STATION 208+94.00 TO 216+07.78
(SEE NOTE 2)

EXISTING LEGEND

- (A) HMA CONCRETE SURFACE AND BINDER COURSE - 3" AND VARIES
- (B) HMA BASE COURSE - 9.5" AND VARIES
- (C) PCC BASE COURSE - 10" AND VARIES
- (D) CONCRETE CURB AND GUTTER
- (E) AGGREGATE SHOULDER, TYPE B - 6"
- (F) GROUND SURFACE (ASSUME 4" TOPSOIL ALONG HART ROAD)
GROUND SURFACE (ASSUME 6" TOPSOIL ALONG U.S. ROUTE 14)

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 3"
- (3) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 - 2"
- (4A) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 6 3/4"
- (4B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 9 1/2"
- (5) POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
- (6A) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10" (WIDENING OF SIX FEET OR LESS)
- (6B) PORTLAND CEMENT CONCRETE BASE COURSE 10" (WIDENING GREATER THAN SIX FEET)
- (7) AGGREGATE BASE COURSE, TYPE B 6"
- (8) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (9) COMB CONC C&G TY B-6.12
- (10) COMB CONC C&G TY B-6.24
- (11) COMB CONC C&G TY M-4.12
- (12) COMB CONC C&G TY M-4.24
- (13) COMB CONC C&G TY M-2.12
- (14) AGGREGATE SHOULDER, TYPE B - 6" (PAID FOR AS AGGREGATE SHOULDER, TYPE B)
- (15) HOT-MIX ASPHALT SHOULDERS, 6"
- (16) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (17) TOPSOIL FURNISH AND PLACE, 4" (ALONG HART ROAD) AND SEEDING/ SODDING AS NOTED ON THE PLANS
TOPSOIL FURNISH AND PLACE, 6" (ALONG U.S. ROUTE 14) AND SEEDING/ SODDING AS NOTED ON THE PLANS
- (18) PIPE UNDERDRAINS, TYPE 1, 4"
- (19) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- (20) RETAINING WALL
- (21) CONCRETE MEDIAN, TYPE SB-6.12
- (22) CONC MEDIAN SURFACE, 6"
- (23) AGGREGATE BASE COURSE, TYPE B
- (24) AGGREGATE SHOULDERS, TYPE A 2"
- (25) AGGREGATE BASE COURSE, TYPE B 4"
- (26) PIPE UNDERDRAIN TYPE 2, 4"
- (27) LONGITUDINAL JOINT SEALANT (RECONSTRUCTION - SHALL BE PLACED UNDER THE TOP LIFT OF BINDER AND UNDER THE SURFACE MIX
RESURFACING - SHALL BE PLACED UNDER THE SURFACE MIX)

FILE NAME: G:\CH09\0176\Road\Sheets\108084-TYP-04.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 20.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS - PROPOSED
U.S. ROUTE 14**

SCALE: 1:20 SHEET 4 OF 4 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	21
CONTRACT NO. 61D65			ILLINOIS FED. AID PROJECT	

INDEX OF SCHEDULES

	SHEET NO.
SUMMARY OF TRENCH BACKFILL	22
SUMMARY OF SUPPLEMENTAL WATERING	22
SUMMARY OF FILTER FABRIC	22
SUMMARY OF AGGREGATE BASE COURSE, TYPE B 6"	22
SUMMARY OF RELATED PAVEMENT ITEMS	22
SUMMARY OF PROTECTIVE COAT	22
SUMMARY OF PAVEMENT REMOVAL	22
SUMMARY OF TEMPORARY PAVEMENT MARKING REMOVAL	22
TREE REMOVAL AND RELATED ITEMS	23 - 24
PAVEMENT REMOVAL AND RELATED ITEMS	25
FENCE REMOVAL	25
EXISTING SIGN REMOVAL	25
ORNAMENTAL FENCE AND RELATED ITEMS	25
GUARDRAIL AND RELATED ITEMS	25
PAVEMENT AND RELATED ITEMS FOR HART ROAD	26
PAVEMENT AND RELATED ITEMS FOR U.S. ROUTE 14	26
EXISTING SIGN RELOCATION	27
SHOULDERS AND RELATED ITEMS	27
PATCHING AND RELATED ITEMS	27
DRIVEWAYS, MAILBOX TURN OUTS, AND RELATED ITEMS	28
SHARED-USE PATH, SIDEWALK, AND RELATED ITEMS	28 - 29
CURB & GUTTER, MEDIAN, AND RELATED ITEMS	30 - 31
TEMPORARY PAVEMENT MARKING AND REMOVAL	31 - 32
TEMPORARY PAVEMENT	31
TEMPORARY CONCRETE BARRIER	31
TEMPORARY INFORMATION SIGNING	32
PERIMETER EROSION BARRIER	32
INLET FILTERS	32
STABILIZED CONSTRUCTION ENTRANCE	32
DITCH EROSION CONTROL AND RELATED ITEMS	32
PROPOSED SIGNS AND RELATED ITEMS	33
PROPOSED TREES AND RELATED ITEMS	33
SEEDING, SODDING, AND RELATED ITEMS	34
WATERMAIN ADJUSTMENTS, FIRE HYDRANTS, AND RELATED ITEMS	34
PIPE UNDERDRAINS	34 - 35
SUMMARY OF DRAINAGE STRUCTURE AND RELATED ITEMS (1)	35
SUMMARY OF DRAINAGE STRUCTURE AND RELATED ITEMS (2)	35
DRAINAGE PIPE REMOVAL	35
EXISTING DRAINAGE STRUCTURE REMOVAL, ADJUSTMENT, RELOCATE AND RELATED ITEMS	36
STONE RIPRAP AND RELATED ITEMS	36
REFLECTIVE PAVEMENT MARKERS AND RELATED ITEMS	36
EXISTING PAVEMENT MARKING REMOVAL	36
SUMMARY OF STORM SEWER AND RELATED ITEMS (1)	37
SUMMARY OF STORM SEWER AND RELATED ITEMS (2)	37
THERMOPLASTIC PAVEMENT MARKING	38 - 39

SUMMARY OF TRENCH BACKFILL

LOCATION	20800150
	TRENCH BACKFILL
	(CU YD)
STORM SEWERS AND RELATED ITEMS	
TOTAL FROM SCHEDULE	4,964.0
DRAINAGE PIPE REMOVAL AND RELATED ITEMS	
TOTAL FROM SCHEDULE	407.0
WATERMAIN AND RELATED ITEMS	
TOTAL FROM SCHEDULE	147.0
TOTAL:	5,518.0

SUMMARY OF SUPPLEMENTAL WATERING

LOCATION	25200200
	SUPPLEMENTAL WATERING
	(UNIT)
PROPOSED TREES AND RELATED ITEMS	
TOTAL FROM SCHEDULE	5.7
SEEDING, SODDING, AND RELATED ITEMS	
TOTAL FROM SCHEDULE	50.7
TOTAL:	56.4

SUMMARY OF FILTER FABRIC

LOCATION	28200200
	FILTER FABRIC
	(SQ YD)
STONE RIPRAP AND RELATED ITEMS	
TOTAL FROM SCHEDULE	118.0
WICK DRAIN	
TOTAL FROM BILL OF MATERIALS	77.0
TOTAL:	195.0

SUMMARY OF AGGREGATE BASE COURSE, TYPE B 6"

LOCATION	35101800
	AGGREGATE BASE COURSE, TYPE B 6"
	(SQ YD)
SHARED-USE PATH, SIDEWALK	
TOTAL FROM SCHEDULE	4,360.0
ORNAMENTAL FENCE	
TOTAL FROM SCHEDULE	83.0
SHOULDERS	
TOTAL FROM SCHEDULE	91.0
DRIVEWAYS, MAILBOX TURN OUTS	
TOTAL FROM SCHEDULE	266.0
TOTAL:	4,800.0

SUMMARY OF RELATED PAVEMENT ITEMS

LOCATION	30300112	40600290	40603335	40603340
	AGGREGATE SUBGRADE IMPROVEMENT 12"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
	(SQ YD)	(POUND)	(TON)	(TON)
PAVEMENT AND RELATED ITEMS HART ROAD				
TOTAL FROM SCHEDULE	14,629.0	9,761.0		1,733.0
PAVEMENT AND RELATED ITEMS U.S. ROUTE 14				
TOTAL FROM SCHEDULE	3,856.0	6,528.0		
DRIVEWAYS, MAILBOX TURN OUTS				
TOTAL FROM SCHEDULE			127.0	
SHARED-USE PATH, SIDEWALK				
TOTAL FROM SCHEDULE			734.0	
SHOULDERS AND RELATED ITEMS				
TOTAL FROM SCHEDULE				11.0
TOTAL:	18,485.0	16,289.0	861.0	1,744.0

SUMMARY OF PROTECTIVE COAT

LOCATION	42001300
	PROTECTIVE COAT
	(SQ YD)
SHARED-USE PATH, SIDEWALK	
TOTAL FROM SCHEDULE	2,199.0
CURB & GUTTER, MEDIAN	
TOTAL FROM SCHEDULE	3,201.0
ORNAMENTAL FENCE	
TOTAL FROM SCHEDULE	70.0
TOTAL:	5,470.0

SUMMARY OF PAVEMENT REMOVAL

LOCATION	44000100
	PAVEMENT REMOVAL
	(SQ YD)
PAVEMENT REMOVAL AND RELATED ITEMS	
TOTAL FROM SCHEDULE	7,177.0
TEMPORARY PAVEMENT	
TOTAL FROM SCHEDULE	436.0
TOTAL:	7,613.0

SUMMARY OF TEMPORARY PAVEMENT MARKING REMOVAL

LOCATION	X7030005
	TEMPORARY PAVEMENT MARKING REMOVAL
	(SQ YD)
TEMPORARY PAVEMENT MARKING AND REMOVAL	
TOTAL FROM SCHEDULE	9,246.0
THERMOPLASTIC PAVEMENT MARKING	
TOTAL FROM SCHEDULE	2,979.0
TOTAL:	12,225.0

FILE NAME: G:\CH09\0176\Road\Sheet\108084-SCHEDULES.dgn



USER NAME = bmsetzke	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: 1:20 SHEET 1 OF 18 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	22
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS

LOCATION						20100110	20100210	20101300	20101350	20101100	20101200
ROAD	STATION	OFFSET (FT)	SIDE	NO. OF STEMS	SIZE (IN)	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	TREE TRUNK PROTECTION	TREE ROOT PRUNING
						(UNIT)	(UNIT)	(EACH)	(EACH)	(EACH)	(EACH)
HART ROAD	93+48.4	48.8	LT	3	5	15.0					
HART ROAD	93+62.4	49.5	LT	2	3	6.0					
HART ROAD	93+62.4	49.5	LT	2	5	10.0					
HART ROAD	95+37.3	49.6	LT	1	12	12.0					
HART ROAD	95+76.2	46.7	LT	1	12	12.0					
HART ROAD	96+80.1	56.2	LT	1	12	12.0					
HART ROAD	97+91.4	53.1	LT	4	5	20.0					
HART ROAD	97+91.4	53.1	LT	2	3	6.0					
HART ROAD	98+27.8	54.4	LT	1	12	12.0					
HART ROAD	99+90.8	55.1	LT	1	10	10.0					
HART ROAD	100+14.3	62.6	LT	1	11	11.0					
HART ROAD	100+54.6	54.8	LT	1	11	11.0					
HART ROAD	100+68.9	60.9	LT	1	13	13.0					
HART ROAD	100+90.3	54.9	LT	1	11	11.0					
HART ROAD	101+15.6	62.7	LT	1	11	11.0					
HART ROAD	101+37.6	55.4	LT	1	10	10.0					
HART ROAD	101+62.3	61.2	LT	1	17		17.0				
HART ROAD	102+14.8	40.1	RT	1	4			1.0		1.0	
HART ROAD	102+44.0	47.4	RT	1	6			1.0		1.0	
HART ROAD	102+44.2	57.9	LT	1	10	10.0					
HART ROAD	102+58.9	32.5	RT	1	8	8.0					
HART ROAD	102+61.6	62.6	LT	1	12	12.0					
HART ROAD	102+90.9	75.1	LT	1	11			1.0	1.0		1.0
HART ROAD	103+40.9	37.2	RT	1	5	5.0					
HART ROAD	103+40.9	37.2	RT	1	7	7.0					
HART ROAD	103+51.4	32.8	RT	1	7	7.0					
HART ROAD	103+78.8	42.8	RT	1	5			1.0	1.0		1.0
HART ROAD	103+94.6	46.1	RT	1	5			1.0	1.0		1.0
HART ROAD	103+94.6	46.1	RT	1	7			1.0	1.0		1.0
HART ROAD	104+04.5	44.8	RT	1	6			1.0	1.0		1.0
HART ROAD	104+87.5	45.7	RT	2	6			2.0	2.0		2.0
HART ROAD	104+91.9	41.0	RT	1	7	7.0					
HART ROAD	104+92.4	71.0	LT	1	15	15.0					
HART ROAD	105+42.8	123.5	LT	1	8			1.0	1.0		1.0
HART ROAD	105+43.2	40.3	RT	1	11	11.0					
HART ROAD	105+44.6	43.1	RT	1	6	6.0					
HART ROAD	105+44.6	43.1	RT	1	8	8.0					
HART ROAD	105+44.6	43.1	RT	1	12	12.0					
HART ROAD	105+44.7	117.5	LT	1	9			1.0	1.0		1.0
HART ROAD	105+49.4	109.8	LT	1	10	10.0					
HART ROAD	105+50.3	68.2	LT	1	6	6.0					
HART ROAD	105+50.7	63.0	LT	1	7	7.0					
HART ROAD	105+52.3	61.5	LT	1	10	10.0					
HART ROAD	105+53.9	98.3	LT	1	12	12.0					
HART ROAD	105+57.0	61.9	LT	1	6	6.0					
HART ROAD	105+57.1	56.2	LT	1	8	8.0					
HART ROAD	105+61.8	57.6	LT	1	11	11.0					
HART ROAD	105+62.6	130.1	LT	1	7			1.0	1.0		1.0
HART ROAD	105+65.2	46.6	LT	1	7	7.0					
HART ROAD	105+67.2	83.7	LT	1	6	6.0					
HART ROAD	105+67.9	119.1	LT	1	6			1.0	1.0		1.0
HART ROAD	105+69.5	61.4	LT	1	8	8.0					
HART ROAD	105+71.5	76.5	LT	1	6	6.0					
HART ROAD	105+71.7	39.5	RT	1	8	8.0					
HART ROAD	105+78.8	116.2	LT	1	6	6.0					
HART ROAD	105+80.5	56.3	LT	1	6	6.0					
HART ROAD	105+80.5	56.3	LT	1	4	4.0					
HART ROAD	105+80.7	36.6	RT	1	6	6.0					
HART ROAD	105+80.7	36.6	RT	1	9	9.0					
HART ROAD	105+83.3	90.1	LT	2	9	18.0					
HART ROAD	105+84.7	53.8	RT	1	5			1.0	1.0		1.0
HART ROAD	105+84.7	53.8	RT	2	6			2.0	2.0		2.0
HART ROAD	105+88.3	35.3	RT	1	27		27.0				
HART ROAD	105+88.7	101.8	LT	1	6	6.0					
HART ROAD	105+89.4	127.8	LT	1	38			1.0	1.0		1.0
HART ROAD	105+90.3	56.9	LT	1	7	7.0					
HART ROAD	105+95.7	42.9	RT	1	8	8.0					
HART ROAD	105+95.7	42.9	RT	2	7	14.0					
HART ROAD	106+00.4	58.1	LT	1	5	5.0					
HART ROAD	106+00.4	58.1	LT	1	6	6.0					
HART ROAD	106+01.6	64.1	LT	1	10	10.0					
HART ROAD	106+02.6	57.7	LT	1	8	8.0					
HART ROAD	106+05.0	62.9	LT	1	7	7.0					
HART ROAD	106+05.3	133.9	LT	1	8			1.0	1.0		1.0
SUB-TOTAL 1:						515.0	44.0	16.0	2.0	18.0	18.0

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS (CONTINUED)

LOCATION						20100110	20100210	20101300	20101350	20101100	20101200
ROAD	STATION	OFFSET (FT)	SIDE	NO. OF STEMS	SIZE (IN)	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	TREE TRUNK PROTECTION	TREE ROOT PRUNING
						(UNIT)	(UNIT)	(EACH)	(EACH)	(EACH)	(EACH)
HART ROAD	106+10.7	43.5	RT	1	4	4.0					
HART ROAD	106+10.7	43.5	RT	1	5	5.0					
HART ROAD	106+10.7	43.5	RT	1	6	6.0					
HART ROAD	106+11.9	57.1	LT	1	9	9.0					
HART ROAD	106+12.9	122.3	LT	1	8			1.0		1.0	1.0
HART ROAD	106+14.5	51.7	LT	1	5	5.0					
HART ROAD	106+14.5	51.7	LT	1	7	7.0					
HART ROAD	106+15.9	108.4	LT	1	8	8.0					
HART ROAD	106+15.9	108.4	LT	1	7	7.0					
HART ROAD	106+16.7	40.5	RT	1	9	9.0					
HART ROAD	106+16.7	40.5	RT	2	6	12.0					
HART ROAD	106+18.5	44.5	RT	1	8	8.0					
HART ROAD	106+22.6	52.2	LT	1	6	6.0					
HART ROAD	106+25.6	34.8	LT	1	6	6.0					
HART ROAD	106+25.6	43.9	RT	2	6	12.0					
HART ROAD	106+26.6	99.6	LT	1	9	9.0					
HART ROAD	106+26.6	99.6	LT	1	10	10.0					
HART ROAD	106+28.0	124.7	LT	1	6			1.0		1.0	1.0
HART ROAD	106+31.5	111.8	LT	1	10	10.0					
HART ROAD	106+31.5	111.8	LT	1	8	8.0					
HART ROAD	106+35.3	58.6	LT	2	9	18.0					
HART ROAD	106+39.8	42.6	RT	1	12	12.0					
HART ROAD	106+43.2	45.6	LT	1	6	6.0					
HART ROAD	106+44.9	114.8	LT	1	30		30.0				
HART ROAD	106+45.0	46.2	RT	1	6	6.0					
HART ROAD	106+45.1	97.7	LT	1	18		18.0				
HART ROAD	106+49.6	113.7	LT	1	14	14.0					
HART ROAD	106+50.6	41.7	RT	1	14	14.0					
HART ROAD	106+51.8	58.2	LT	1	8	8.0					
HART ROAD	106+60.7	118.7	LT	1	14	14.0					
HART ROAD	106+61.8	64.1	LT	1	7	7.0					
HART ROAD	106+65.5	48.4	LT	1	6	6.0					
HART ROAD	106+66.9	107.3	LT	1	12	12.0					
HART ROAD	106+67.8	41.2	RT	1	7	7.0					
HART ROAD	106+68.0	42.9	LT	1	24		24.0				
HART ROAD	106+69.8	41.6	RT	1	6	6.0					
HART ROAD	106+70.4	55.7	LT	1	8	8.0					
HART ROAD	106+71.2	110.7	LT	1	17		17.0				
HART ROAD	106+77.1	54.4	LT	1	7	7.0					
HART ROAD	106+77.8	35.4	LT	1	27		27.0				
HART ROAD	106+84.4	49.7	LT	1	6	6.0					
HART ROAD	106+87.6	39.6	LT	1	4	4.0					
HART ROAD	106+87.6	39.6	LT	1	6	6.0					
HART ROAD	106+87.7	116.2	LT	1	11			1.0	1.0	1.0	1.0
HART ROAD	106+89.0	128.5	LT	1	8			1.0		1.0	1.0
HART ROAD	106+93.1	32.1	LT	1	16		16.0				
HART ROAD	106+94.8	112.3	LT	1	42			1.0	1.0		1.0
HART ROAD	106+97.7	55.3	LT	1	7	7.0					
HART ROAD	107+02.9	42.2	RT	1	7	7.0					
HART ROAD	107+03.3	52.0	LT	1	7	7.0					
HART ROAD	107+04.0	122.9	LT	1	10			1.0		1.0	1.0
HART ROAD	107+08.9	64.1	LT	1	8	8.0					
HART ROAD	107+13.6	57.9	LT	1	6	6.0					
HART ROAD	107+16.0	50.3	LT	1	18		18.0				
HART ROAD	107+21.2	35.5	LT	1	4	4.0					
HART ROAD	107+21.2	35.5	LT	1	8	8.0					
HART ROAD	107+21.9	55.9	LT	1	6	6.0					
HART ROAD	107+24.4	49.7	LT	1	9	9.0					
HART ROAD	107+26.6	49.1	LT	1	6	6.0					
HART ROAD	107+28.7	57.5	LT	1	29		29.0				
HART ROAD	107+29.0	71.4	LT	1	8	8.0					
HART ROAD	107+31.6	72.9	LT	1	20		20.0				
HART ROAD	107+30.3	48.3	LT	1	18		18.0				
HART ROAD	107+33.1	62.8	LT	1	8	8.0					
HART ROAD	107+35.2	41.0	RT	1	10	10.0					
HART ROAD	107+3										

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS (CONTINUED)

LOCATION						20100110	20100210	20101300	20101350	20101100	20101200
						TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	TREE TRUNK PROTECTION	TREE ROOT PRUNING
ROAD	STATION	OFFSET (FT)	SIDE	NO. OF STEMS	SIZE (IN)	(UNIT)	(UNIT)	(EACH)	(EACH)	(EACH)	(EACH)
HART ROAD	107+71.3	48.6	LT	1	6	6.0					
HART ROAD	107+77.8	55.1	LT	1	7	7.0					
HART ROAD	107+79.2	34.2	LT	1	8	8.0					
HART ROAD	107+82.0	54.8	LT	1	16		16.0				
HART ROAD	107+85.3	40.6	LT	1	7	7.0					
HART ROAD	107+85.3	40.6	LT	1	8	8.0					
HART ROAD	107+86.6	72.0	LT	1	6	6.0					
HART ROAD	107+94.6	81.2	LT	1	18		18.0				
HART ROAD	107+96.2	61.8	LT	1	8	8.0					
HART ROAD	107+99.5	41.9	LT	1	36		36.0				
HART ROAD	108+01.2	74.0	LT	1	20		20.0				
HART ROAD	108+01.3	51.8	LT	1	6	6.0					
HART ROAD	108+04.8	76.4	LT	1	24		24.0				
HART ROAD	108+07.7	66.1	LT	1	6	6.0					
HART ROAD	108+14.1	45.3	LT	1	6	6.0					
HART ROAD	108+14.1	45.3	LT	1	7	7.0					
HART ROAD	108+14.5	74.1	LT	1	12	12.0					
HART ROAD	108+16.3	62.3	LT	1	14	14.0					
HART ROAD	108+17.3	81.7	LT	1	18		18.0				
HART ROAD	108+23.8	50.1	LT	1	24		24.0				
HART ROAD	108+26.7	36.8	LT	1	19		19.0				
HART ROAD	108+27.8	54.0	LT	1	6	6.0					
HART ROAD	108+30.4	64.0	LT	1	17		17.0				
HART ROAD	108+32.8	61.9	LT	1	6	6.0					
HART ROAD	108+35.2	86.3	LT	1	6	6.0					
HART ROAD	108+37.2	52.3	LT	1	25		25.0				
HART ROAD	108+39.0	75.5	LT	1	6	6.0					
HART ROAD	108+41.8	46.7	LT	1	25		25.0				
HART ROAD	108+42.0	83.0	LT	1	6	6.0					
HART ROAD	108+44.7	103.8	LT	2	6			2.0	2.0	2.0	
HART ROAD	108+46.9	77.9	LT	1	6	6.0					
HART ROAD	108+49.5	73.6	LT	1	6	6.0					
HART ROAD	108+51.8	55.4	LT	1	6	6.0					
HART ROAD	108+53.2	110.7	LT	1	30			1.0	1.0	1.0	
HART ROAD	108+71.1	68.3	LT	1	6	6.0					
HART ROAD	108+72.2	60.1	LT	1	6	6.0					
HART ROAD	108+73.0	79.0	LT	1	6	6.0					
HART ROAD	108+73.0	91.1	LT	1	24		24.0				
HART ROAD	108+75.6	67.8	LT	1	6	6.0					
HART ROAD	108+76.3	63.5	LT	1	6	6.0					
HART ROAD	108+77.4	57.9	LT	1	4	4.0					
HART ROAD	108+77.4	57.9	LT	1	6	6.0					
HART ROAD	108+79.3	98.8	LT	1	6			1.0	1.0	1.0	
HART ROAD	108+80.8	48.0	LT	1	7	7.0					
HART ROAD	108+83.8	27.5	LT	1	15	15.0					
HART ROAD	108+84.2	69.5	LT	1	6	6.0					
HART ROAD	108+85.7	57.4	LT	1	30		30.0				
HART ROAD	108+89.1	29.1	LT	1	7	7.0					
HART ROAD	108+91.0	36.8	LT	1	8	8.0					
HART ROAD	108+93.3	50.4	LT	2	6	12.0					
HART ROAD	108+93.6	25.8	LT	1	18		18.0				
HART ROAD	108+95.9	81.2	LT	1	7	7.0					
HART ROAD	108+98.4	88.7	LT	1	7	7.0					
HART ROAD	108+99.5	89.6	LT	1	7	7.0					
HART ROAD	109+02.2	53.4	LT	1	9	9.0					
HART ROAD	109+06.2	67.0	LT	1	7	7.0					
HART ROAD	109+06.8	73.9	LT	1	24		24.0				
HART ROAD	109+08.1	30.5	RT	6	2	12.0					
HART ROAD	109+08.8	27.6	LT	1	7	7.0					
HART ROAD	109+10.5	27.3	LT	1	9	9.0					
HART ROAD	109+10.9	79.7	LT	1	6	6.0					
HART ROAD	109+12.6	57.5	LT	1	6	6.0					
HART ROAD	109+17.7	34.4	LT	1	9	9.0					
HART ROAD	109+19.3	41.0	LT	1	6	6.0					
HART ROAD	109+19.5	43.8	LT	1	6	6.0					
HART ROAD	109+21.1	45.1	LT	1	6	6.0					
HART ROAD	109+22.0	65.4	LT	1	7	7.0					
HART ROAD	109+26.6	59.1	LT	1	9	9.0					
HART ROAD	109+36.6	51.6	LT	1	11	11.0					
HART ROAD	109+38.6	49.5	LT	1	7	7.0					
HART ROAD	109+38.6	49.5	LT	1	10	10.0					
HART ROAD	109+41.2	53.6	LT	1	9	9.0					
SUB-TOTAL 3:						401.0	338.0	3.0	1.0	4.0	4.0

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS (CONTINUED)

LOCATION						20100110	20100210	20101300	20101350	20101100	20101200
						TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)	TREE TRUNK PROTECTION	TREE ROOT PRUNING
ROAD	STATION	OFFSET (FT)	SIDE	NO. OF STEMS	SIZE (IN)	(UNIT)	(UNIT)	(EACH)	(EACH)	(EACH)	(EACH)
HART ROAD	109+44.7	49.6	LT	1	5	5.0					
HART ROAD	109+44.7	49.6	LT	1	6	6.0					
HART ROAD	109+50.8	54.8	LT	1	9	9.0					
HART ROAD	109+60.3	52.2	LT	1	7	7.0					
HART ROAD	109+69.0	57.4	LT	1	4	4.0					
HART ROAD	109+69.0	57.4	LT	1	7	7.0					
HART ROAD	109+78.3	70.6	LT	1	7	7.0					
HART ROAD	109+97.0	126.9	LT	1	6	6.0					
HART ROAD	109+98.7	129.4	LT	1	20		20.0				
HART ROAD	113+56.3	26.6	LT	1	10	10.0					
HART ROAD	113+83.1	25.4	LT	1	13	13.0					
HART ROAD	114+07.3	26.3	LT	1	13	13.0					
HART ROAD	115+56.5	26.3	LT	1	10	10.0					
HART ROAD	115+87.2	25.3	LT	1	7	7.0					
HART ROAD	116+18.5	24.9	LT	1	11	11.0					
HART ROAD	116+48.3	25.7	LT	1	11	11.0					
HART ROAD	116+78.1	26.0	LT	1	10	10.0					
HART ROAD	117+34.2	41.1	RT	1	11			1.0	1.0	1.0	
HART ROAD	117+35.1	37.7	RT	1	18			1.0	1.0	1.0	
HART ROAD	117+75.3	25.3	LT	1	9	9.0					
HART ROAD	118+15.2	22.0	RT	1	13	13.0					
HART ROAD	118+30.1	20.9	RT	1	13	13.0					
HART ROAD	118+37.9	22.0	RT	1	12	12.0					
HART ROAD	118+45.2	22.0	RT	1	9	9.0					
HART ROAD	118+52.2	22.2	RT	1	9	9.0					
HART ROAD	118+58.8	21.8	RT	1	12	12.0					
HART ROAD	118+92.0	23.3	LT	1	7	7.0					
HART ROAD	119+01.6	27.3	RT	1	13	13.0					
HART ROAD	119+09.2	29.3	RT	1	24		24.0				
HART ROAD	119+12.2	35.4	RT	1	5			1.0	1.0	1.0	
HART ROAD	119+13.1	40.5	RT	1	6			1.0	1.0	1.0	
HART ROAD	119+13.4	43.4	RT	1	4			1.0	1.0	1.0	
HART ROAD	119+14.1	45.5	RT	1	5			1.0	1.0	1.0	
HART ROAD	119+15.9	30.4	RT	1	7	7.0					
HART ROAD	119+21.0	23.5	LT	1	8	8.0					
HART ROAD	119+21.2	36.7	RT	1	8			1.0	1.0	1.0	
HART ROAD	119+21.2	36.7	RT	1	10			1.0	1.0	1.0	
HART ROAD	119+51.6	24.3	LT	1	7	7.0					
HART ROAD	119+84.2	23.6	LT	1	7			1.0	1.0	1.0	
HART ROAD	120+14.6	24.7	LT	1	10			1.0	1.0	1.0	
HART ROAD	120+45.7	24.3	LT	1	9			1.0	1.0	1.0	
HART ROAD	120+74.7	23.8	LT	1	5			1.0	1.0	1.0	
HART ROAD	120+74.7	23.8	LT	1	6			1.0	1.0	1.0	
HART ROAD	121+07.5	23.1	LT	1	7			1.0	1.0	1.0	
HART ROAD	121+37.8	23.6	LT	1	7			1.0	1.0	1.0	
HART ROAD	121+59.8	28.0	RT	1	13	13.0					
HART ROAD	121+71.4	25.7	LT	1	7			1.0	1.0	1.0	
HART ROAD	121+74.9	27.9	RT	1	13	13.0					
HART ROAD	121+88.3	28.1	RT	1	10	10.0					
HART ROAD	122+02.0	27.7	RT	1	13	13.0					
HART ROAD	122+04.6	25.6	LT	1	9			1.0	1.0	1.0	
HART ROAD	122+16.2	27.6	RT	1	12	12.0					
HART ROAD	122+29.7	27.8	RT	1	10	10.0					
HART ROAD	122+44.0	27.4	RT	1	14	14.0					
HART ROAD	122+58.0	26.8	RT	1	12	12.0					
HART ROAD	122+72.8	27.0	RT	1	10	10.0					
HART ROAD	122+86.2	26.8	RT	1	12	12.0					
HART ROAD	123+00.6	27.0	RT	1	11	11.0					
HART ROAD	123+14.1	27.4	RT	1	11	11.0					
HART ROAD	123+17.0	24.6	LT	1	5			1.0	1.0	1.0	
HART ROAD	123+28.5	27.1	RT	1	12	12.0					
HART ROAD	123+42.4	27.3	RT	1	10	10.0					
HART ROAD	123+54.6	27.2	RT	1	8	8.0					
HART ROAD	123+81.4	57.2	RT	1	11			1.0	1.0	1.0	
SUB-TOTAL 4:						426.0	44.0	16.0	3.0	19.0	19.0
SUB-TOTAL 3:						401.0	338.0	3.0	1.0	4.0	4.0
SUB-TOTAL 2:						446.0	236.0	4.0	2.0	6.0	6.0

SCHEDULE OF PAVEMENT REMOVAL AND RELATED ITEMS

LOCATION				44000100		40600982		44000157		44000161		44000200		44004250	
				PAVEMENT REMOVAL		HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		HOT-MIX ASPHALT SURFACE REMOVAL, 2"		HOT-MIX ASPHALT SURFACE REMOVAL, 3"		DRIVEWAY PAVEMENT REMOVAL		PAVED SHOULDER REMOVAL	
ROAD	START STATION	END STATION	SIDE	AVG WIDTH (FT)	(SQ YD)	AVG WIDTH (FT)	(SQ YD)	AVG WIDTH (FT)	(SQ YD)	AVG WIDTH (FT)	(SQ YD)	AVG WIDTH (FT)	(SQ YD)	AVG WIDTH (FT)	(SQ YD)
HART	93+07.7	93+12.2	RT/LT			39.8	19.9								
HART	93+12.2	99+84.1	RT/LT					37.9	2,831.5						
HART	93+07.5	93+17.0	RT							2.8	2.9				
HART	93+14.9	96+91.0	RT	0.5	19.9										
HART	97+21.9	99+37.9	RT	0.3	6.5										
HART	99+84.1	110+02.4	RT/LT	27.3	3,094.0										
HART	102+77.8	103+68.8	LT							47.6	481.4			8.8	257.6
HART	104+04.8	106+67.4	RT												
HART	108+47.0	108+83.9	LT							58.6	240.6				
HART	110+30.7	111+44.7	RT/LT	49.3	624.7										
HART	112+64.0	121+09.5	RT/LT	34.5	3,241.3										
HART	113+06.0	114+40.1	RT							8.6	128.4				
HART	115+05.8	115+45.8	RT	6.3	27.9										
HART	115+76.2	116+25.8	RT							18.3	100.4				
HART	116+42.2	116+94.2	RT							12.6	72.7				
HART	117+90.8	118+62.5	LT							9.4	75.3				
HART	121+04.9	121+44.9	RT							12.1	54.0				
HART	121+09.5	121+14.0	RT/LT			26.6	13.3								
HART	121+14.0	123+83.6	RT/LT					26.2	784.5						
HART	123+83.6	123+88.1	RT/LT			68.0	34.0								
HART	121+09.5	123+89.5	RT	1.2	36.7										
U.S. RTE 14	200+22.0	200+26.5	RT			24.4	12.2								
U.S. RTE 14	200+26.5	208+89.5	RT							15.2	1,455.1				
U.S. RTE 14	208+89.5	208+94.0	RT			24.8	12.4								
U.S. RTE 14	204+29.4	204+33.9	LT			24.2	12.1								
U.S. RTE 14	204+33.9	216+03.3	LT							30.5	3,957.9				
U.S. RTE 14	205+71.3	206+58.0	RT/LT	6.9	66.3										
U.S. RTE 14	207+15.8	207+87.3	LT							19.3	153.6				
U.S. RTE 14	207+36.0	208+50.0	LT	0.7	8.3										
U.S. RTE 14	207+45.0	208+11.5	RT/LT	7.0	51.4										
U.S. RTE 14	216+03.3	216+07.8	LT			24.2	12.1								
U.S. RTE 14	210+66.0	214+52.5	LT											8.6	368.8
U.S. RTE 14	211+44.6	212+04.0	LT							29.1	191.7				
U.S. RTE 14	231+08.4	232+31.2	LT							20.1	275.0				
U.S. RTE 14	237+09.0	237+10.2	LT											5.9	0.8
U.S. RTE 14	231+06.6	231+43.2	LT											7.5	30.4
U.S. RTE 14	231+69.3	232+31.7	LT											6.1	42.4
TOTAL:					7,177.0		116.0		3,616.0		5,413.0		1,776.0		700.0

SCHEDULE OF FENCE REMOVAL

LOCATION				20022800	
				FENCE REMOVAL	
ROAD	START STATION	END STATION	SIDE	(FOOT)	
HART	105+32	108+34	LT	352.0	
HART	108+68	108+84	LT	23.0	
TOTAL:				375.0	

SCHEDULE OF EXISTING SIGN REMOVAL

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	STATION	OFFSET	LT/RT	FACING TRAFFIC	WIDTH	HEIGHT	72400310		72400100		ACTION
									REMOVE SIGN PANEL - TYPE 1	(SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A	(EACH)	
HART ROAD (STA 100+00 TO 105+00)													
E3-7	RAILROAD GRADE CROSSING ADVANCE WARNING	POST MOUNTED (GROUND)	104+75.40	25.87	RT	WB	36" DIA.				1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
HART ROAD (STA 105+00 TO 109+50)													
E4-9a	SINGLE RIGHT CHEVRON ARROW	POST MOUNTED (GROUND)	108+97.55	22.61	LT	EB	24	30			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
E4-9b	SINGLE RIGHT CHEVRON ARROW	POST MOUNTED (GROUND)	109+14.47	23.32	LT	EB	24	30			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
E4-10	SINGLE RIGHT CHEVRON ARROW	POST MOUNTED (GROUND)	109+44.05	18.65	RT	WB	24	30			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
E4-12b	DO NOT STOP ON TRACKS	POST MOUNTED (GROUND)	109+44.05	18.65	RT	WB	24	30			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
HART ROAD (STA 109+50 TO 114+50)													
E5-2	DO NOT STOP ON TRACKS	POST MOUNTED (GROUND)	109+96.24	21.17	LT	SB	24	30			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
E5-3	DO NOT STOP ON TRACKS	POST MOUNTED (GROUND)	110+38.37	22.37	RT	NB	24	30			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
E5-5a	UNION PACIFIC 1-800-848-8715	POST MOUNTED (GROUND)	110+58.71	21.13	LT	SB	30	24			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
E5-5b	DO NOT STOP ON TRACKS	POST MOUNTED (GROUND)	110+58.71	21.13	LT	SB	24	30			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
E5-6	RAILROAD GRADE CROSSING ADVANCE WARNING	MOUNTED ON SIGNAL POST	111+20.17	29.73	LT	SB	36" DIA.		7.1				SIGN PANEL TO BE REMOVED
E5-8	HART RD STREET SIGN	MOUNTED ON SIGNAL POST	111+21.67	21.54	RT	EB	48	18		6.1			SIGN PANEL TO BE REMOVED
E5-10	US RTE 14 STREET SIGN	MOUNTED ON SIGNAL POST	112+82.80	35.61	LT	NB	60	18		7.6			SIGN PANEL TO BE REMOVED
E5-11	HART RD STREET SIGN	MOUNTED ON SIGNAL POST	112+82.80	35.61	LT	WB	48	18		6.1			SIGN PANEL TO BE REMOVED
US ROUTE 14 (STA 205+50 TO 208+50)													
E10-4a	RIGHT TURN ONLY	MOUNTED ON SIGNAL POST	207+19.35	60.66	LT	WB	24	30		5.1			SIGN PANEL TO BE REMOVED
US ROUTE 14 (STA 208+50 TO 213+00)													
E11-1a	LEFT TURN ONLY	POST MOUNTED (GROUND)	208+89.91	1.54	LT	WB	24	30			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
US ROUTE 14 (STA 223+50 TO 229+00)													
E14-1	OBJECT MARKER	POST MOUNTED (GROUND)	225+17.79	96.6	LT	NB	9	5			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
E14-2	OBJECT MARKER	POST MOUNTED (GROUND)	226+09.97	97.74	LT	NB	9	5			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
E14-3	OBJECT MARKER	POST MOUNTED (GROUND)	227+53.94	96.88	LT	NB	9	5			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
US ROUTE 14 (STA 229+00 TO 234+00)													
E15-3	OBJECT MARKER	POST MOUNTED (GROUND)	232+14.59	99.8	LT	NB	9	5			1.0		SIGN PANEL ASSEMBLY TO BE REMOVED
TOTAL:										32.0	12.0		

SCHEDULE OF ORNAMENTAL FENCE AND RELATED ITEMS

LOCATION				XX001249	35101800			42400300			42001300
				ORNAMENTAL FENCE	AGGREGATE BASE COURSE, TYPE B 6"			PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH			PROTECTIVE COAT
ROAD	START STATION	END STATION	SIDE	(FOOT)	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	LENGTH (FT)	WIDTH (FT)	AREA (SQ FT)	(SQ YD)
HART	105+89	105+90	LT		1.0	3.5	0.4	1.0	3.0	3.0	0.4
HART	105+90	106+14	LT	24.0	24.0	3.2	8.5	24.0	2.7	64.5	7.2
HART	106+14	106+15	LT		1.0	3.6	0.4	1.0	3.1	3.0	0.4
HART	108+70	108+71	LT		1.0	3.1	0.4	1.0	2.6	2.7	0.3
HART	108+71	110+31	LT	208.0	208.0	3.1	72.8	208.0	2.6	550.0	61.2
HART	110+31	110+32	LT		1.1	3.1	0.5	1.1	2.6	2.8	0.5
TOTAL:				232.0			83.0			626.0	70.0

SCHEDULE OF GUARDRAIL AND RELATED ITEMS

LOCATION				63200310	63000001	63100045	63100089	63100167	78200005	X6330705
				GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6B	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REFLECTORS, TYPE A	RUB RAIL
ROAD	START STATION	END STATION	SIDE	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(FOOT)
HART	104+59.4	106+13.5	RT	155.0						
HART	104+27.7	104+79.4	RT					1.0	1.0	
HART	104+79.4	104+91.8	RT		12.8				1.0	
HART	104+91.8	105+47.7	RT				1.0			
HART	108+76.0	108+85.8	LT			1.0			1.0	12.6
HART	108+85.8	110+07.0	LT		125.2				2.0	125.2
HART	109+73.1	110+12.7	LT					1.0	1.0	50.2
TOTAL:				155.0	138.0	1.0	1.0	2.0	8.0	188.0

FILE NAME: G:\CH09\0176\Road\Sheets\108084-SCHEDULES.dgn



USER NAME = bmsetzke	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: 1:20 SHEET 4 OF 18 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	25
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF PAVEMENT AND RELATED ITEMS FOR HART ROAD

LOCATION					21001000			30300112			40600290					40603085					40603340					
					GEOTECHNICAL FABRIC FOR GROUND STABILIZATION			AGGREGATE SUBGRADE IMPROVEMENT 12"			BITUMINOUS MATERIALS (TACK COAT)					HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70					HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70					
ROAD	START STATION	END STATION	OPERATION	DESCRIPTION	WIDTH (FT)	(SQ YD)	ADDITIONAL AREA (SQ YD)	WIDTH (FT)	(SQ YD)	ADDITIONAL AREA (SQ YD)	(SQ FT)	MILLED HMA RATE (LB/SQ FT)	HMA LIFT RATE (LB/SQ FT)	NO. OF LIFTS	(POUND)	WIDTH (FT)	(SQ YD)	ADDITIONAL AREA (SQ YD)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)	WIDTH (FT)	(SQ YD)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)
HART	93+07.7	95+00.0	RESURFACE	MAINLINE							6715.4	0.050		1.0	335.8							34.9	746.2	2.0	112.0	83.6
HART	93+07.7	95+00.0	WIDEN	MAINLINE				1.05	22.4	101.9	201.3	0.050	0.025	4.0	25.2	1.0	22.4	55.6	9.50	112.0	41.5	1.0	22.4	2.0	112.0	2.6
HART	95+00.0	97+19.8	RESURFACE	MAINLINE							7136.0	0.050		1.0	356.9							32.5	792.9	2.0	112.0	88.9
HART	96+96.7	99+84.1	RESURFACE	MAINLINE							9717.8	0.050		1.0	485.9							33.8	1079.8	2.0	112.0	121.0
HART	95+00.0	99+84.1	WIDEN	MAINLINE				1.01	54.3	249.1	488.5	0.050	0.025	4.0	61.1	1.0	54.3	136.0	9.50	112.0	101.3	1.0	54.3	2.0	112.0	6.1
HART	99+84.1	100+00.0	RECONSTRUCT	MAINLINE	30.28	53.5	19.8	30.28	53.5	16.3	481.4		0.025	3.0	36.2	30.3	53.5	8.9	6.75	112.0	23.6	30.3	53.5	2.0	112.0	6.0
HART	100+00.0	105+00.0	RECONSTRUCT	MAINLINE LT	20.91	1161.5	309.6	20.91	1161.5	254.0	10452.7		0.025	3.0	784.0	20.9	1161.4	138.6	6.75	112.0	491.5	20.9	1161.4	2.0	112.0	130.1
HART	100+00.0	105+00.0	RECONSTRUCT	MAINLINE RT	26.25	1458.3	311.1	26.25	1458.3	255.3	13123.9		0.025	3.0	984.3	26.2	1458.2	139.3	6.75	112.0	603.9	26.2	1458.2	2.0	112.0	163.4
HART	105+00.0	109+50.0	RECONSTRUCT	MAINLINE LT	27.71	1385.5	304.6	27.71	1385.5	249.9	12469.1		0.025	3.0	935.2	27.7	1385.5	136.4	6.75	112.0	575.3	27.7	1385.5	2.0	112.0	155.2
HART	105+00.0	109+50.0	RECONSTRUCT	MAINLINE RT	43.40	2170.2	262.2	43.40	2170.2	215.2	19531.8		0.025	3.0	1464.9	43.4	2170.2	117.4	6.75	112.0	864.8	43.4	2170.2	2.0	112.0	243.1
HART	109+50.0	110+40.4	RECONSTRUCT	MAINLINE	48.89	491.2	66.3	48.89	491.2	54.3	4420.4		0.025	3.0	331.6	48.9	491.2	29.6	6.75	112.0	196.9	48.9	491.2	2.0	112.0	55.1
HART	109+71.3	110+69.4	RECONSTRUCT	PAVEMENT OVER RAILROAD	26.84	292.6		26.84	292.6		2632.8		0.025	3.0	197.5	26.8	292.5		6.75	112.0	110.6	26.8	292.5	2.0	112.0	32.8
HART	110+07.1	111+98.0	RECONSTRUCT	MAINLINE	50.91	1079.8	154.1	50.91	1079.8	126.4	9718.1		0.025	3.0	728.9	50.9	1079.8	69.0	6.75	112.0	434.3	50.9	1079.8	2.0	112.0	121.0
HART	112+23.6	114+50.0	RECONSTRUCT	MAINLINE	50.00	1258.0	249.3	50.00	1258.0	204.5	11321.2		0.025	3.0	849.1	50.0	1257.9	111.6	6.75	112.0	517.7	50.0	1257.9	2.0	112.0	140.9
HART	114+50.0	119+50.0	RECONSTRUCT	MAINLINE	39.71	2206.0	620.5	39.71	2206.0	509.3	19853.5		0.025	3.0	1489.1	39.7	2205.9	278.0	6.75	112.0	939.0	39.7	2205.9	2.0	112.0	247.1
HART	119+50.0	121+09.5	RECONSTRUCT	MAINLINE	31.81	563.8	198.0	31.81	563.8	162.6	5073.9		0.025	3.0	380.6	31.8	563.8	88.7	6.75	112.0	246.7	31.8	563.8	2.0	112.0	63.2
HART	121+09.5	123+46.9	RESURFACE	MAINLINE							3945.1	0.050		1.0	197.4							16.6	438.3	2.0	112.0	49.1
HART	121+09.5	122+57.3	RESURFACE	MAINLINE							171.5	0.050		1.0	8.7							1.2	19.1	2.0	112.0	2.2
HART	122+62.7	123+46.9	RESURFACE	MAINLINE							166.6	0.050		1.0	8.5							2.0	18.5	2.0	112.0	2.1
HART	123+56.9	123+89.4	RESURFACE	MAINLINE							1252.4	0.050		1.0	62.8							38.5	139.2	2.0	112.0	15.7
HART	121+09.5	123+89.5	WIDEN	MAINLINE	1.06	33.1		1.06	33.1		297.1	0.050	0.025	4.0	37.3	1.1	33.0	81.2	9.50	112.0	60.9	1.1	33.0	2.0	112.0	3.8
TOTAL:					14,649.0			14,629.0			9,761.0					5,208.0					1,733.0					

SCHEDULE OF PAVEMENT AND RELATED ITEMS FOR U.S. ROUTE 14

LOCATION					30300112			35300500	35400500	40600290					40600827					40603565							
					AGGREGATE SUBGRADE IMPROVEMENT 12"			PORTLAND CEMENT CONCRETE BASE COURSE 10"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	BITUMINOUS MATERIALS (TACK COAT)					POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50					POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70							
ROAD	START STATION	END STATION	OPERATION	DESCRIPTION	WIDTH (FT)	(SQ YD)	ADDITIONAL AREA (SQ YD)	WIDTH (FT)	(SQ YD)	WIDTH (FT)	(SQ YD)	(SQ FT)	MILLED HMA RATE (LB/SQ FT)	HMA LIFT RATE (LB/SQ FT)	NO. OF LIFTS	(POUND)	WIDTH (FT)	(SQ YD)	ADDITIONAL AREA (SQ YD)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)	WIDTH (FT)	(SQ YD)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)
U.S. RTE 14	200+22.0	200+26.5	RESURFACE	MAINLINE RT								108.4	0.050	0.025	2.0	8.2							24.1	12.0	2.00	112.0	1.4
U.S. RTE 14	200+26.5	201+00.0	RESURFACE	MAINLINE RT								1774.4	0.050	0.025	2.0	133.1	24.1	197.2		1.00	112.0	11.1	24.1	197.2	2.00	112.0	22.1
U.S. RTE 14	200+42.0	201+00.0	WIDEN	MAINLINE RT	2.50	16.2				2.5	16.2	144.9	0.050	0.025	2.0	10.9	2.5	16.1		1.00	112.0	1.0	2.5	16.1	2.00	112.0	1.9
U.S. RTE 14	201+00.0	205+50.0	RESURFACE	MAINLINE RT								12187.7	0.050	0.025	2.0	914.1	27.1	1354.2		1.00	112.0	75.9	27.1	1354.2	2.00	112.0	151.7
U.S. RTE 14	201+00.0	201+43.7	WIDEN	MAINLINE RT	5.00	24.3				5.0	24.3	218.1	0.050	0.025	2.0	16.4	5.0	24.2		1.00	112.0	1.4	5.0	24.2	2.00	112.0	2.8
U.S. RTE 14	201+43.7	205+00.0	WIDEN	MAINLINE RT	13.02	515.6		13.0	515.6			4640.0	0.050	0.025	2.0	348.1	13.0	515.6		1.00	112.0	28.9	13.0	515.6	2.00	112.0	57.8
U.S. RTE 14	202+11.6	205+00.0	WIDEN	MAINLINE RT	3.83	122.6				3.8	122.6	1103.3	0.050	0.025	2.0	82.8	3.8	122.6		1.00	112.0	6.9	3.8	122.6	2.00	112.0	13.8
U.S. RTE 14	204+29.4	204+33.9	RESURFACE	MAINLINE LT								107.3	0.050	0.025	2.0	8.1							23.8	11.9	2.00	112.0	1.4
U.S. RTE 14	204+33.9	205+50.0	RESURFACE	MAINLINE LT								2774.5	0.050	0.025	2.0	208.1	23.9	308.3		1.00	112.0	17.3	23.9	308.3	2.00	112.0	34.6
U.S. RTE 14	204+40.9	204+93.0	WIDEN	MAINLINE LT	3.37	19.6				3.4	19.6	175.7	0.050	0.025	2.0	13.2	3.4	19.5		1.00	112.0	1.1	3.4	19.5	2.00	112.0	2.2
U.S. RTE 14	204+93.0	205+50.0	WIDEN	MAINLINE LT	8.49	53.8	18.1	8.5	53.8			484.1	0.050	0.025	2.0	36.4	8.5	53.8	10.2	1.00	112.0	3.6	8.5	53.8	2.00	112.0	6.1
U.S. RTE 14	205+50.0	208+02.0	RESURFACE	MAINLINE								15596.0	0.050	0.025	2.0	1169.7	61.9	1732.9		1.00	112.0	97.1	61.9	1732.9	2.00	112.0	194.1
U.S. RTE 14	205+50.0	205+90.0	RESURFACE	MAINLINE LT								603.9	0.050	0.025	2.0	45.3	15.1	67.1	2.9	1.00	112.0	4.0	15.1	67.1	2.00	112.0	7.6
U.S. RTE 14	205+50.0	206+46.0	WIDEN	MAINLINE LT	10.42	111.2		10.4	111.2			1000.4	0.050	0.025	2.0	75.1	10.4	111.2		1.00	112.0	6.3	10.4	111.2	2.00	112.0	12.5
U.S. RTE 14	205+50.0	206+37.2	WIDEN	MAINLINE	3.89	37.8	58.7			3.9	37.9	339.4	0.050	0.025	2.0	25.5	3.9	37.7	33.0	1.00	112.0	4.0	3.9	37.7	2.00	112.0	4.3
U.S. RTE 14	205+50.0	207+85.0	WIDEN	MAINLINE RT	12.07	315.1		12.1	315.1			2835.3	0.050	0.025	2.0	212.7	12.1	315.0		1.00	112.0	17.7	12.1	315.0	2.00	112.0	35.3
U.S. RTE 14	206+16.9	206+58.0	WIDEN	MAINLINE	18.95	86.6	6.3	18.9	86.6			779.2	0.050	0.025	2.0	58.5	18.9	86.6	3.5	1.00	112.0	5.1	18.9	86.6	2.00	112.0	9.7
U.S. RTE 14	207+45.0	208+50.0	WIDEN	MAINLINE	16.67	194.6	62.3	16.7	194.6			1750.6	0.050	0.025	2.0	131.3	16.7	194.5	35.1	1.00	112.0	12.9	16.7	194.5	2.00	112.0	21.8
U.S. RTE 14	207+68.9	207+91.5	RESURFACE	MAINLINE								779.9	0.050	0.025	2.0	58.5	34.5	86.7		1.00	112.0	4.9	34.5	86.7	2.00	112.0	9.8
U.S. RTE 14	207+77.2	208+11.5	WIDEN	MAINLINE	3.02	11.6				3.0	11.7	103.8	0.050	0.025	2.0	7.8	3.0	11.5		1.00	112.0	0.7	3.0	11.5	2.00	112.0	1.3
U.S. RTE 14	207+98.5	208+50.0	RESURFACE	MAINLINE LT								2219.1	0.050	0.025	2.0	166.5	43.1	246.6		1.00	112.0	13.9	43.1	246.6	2.00	112.0	27.7
U.S. RTE 14	208+02.3	208+50.0	RESURFACE	MAINLINE RT								1409.2	0.050	0.025	2.0	105.7	29.5	156.6		1.00	112.0	8.8	29.5	156.6	2.00	112.0	17.6
U.S. RTE 14	207+36.1	208+50.0	WIDEN	MAINLINE LT	1.01	12.8	58.0			1.0	12.9	115.1	0.050	0.025	2.0	8.7	1.0	12.8	32.6	1.00	112.0	2.6	1.0	12.8	2.00	112.0	1.5
U.S. RTE 14	208+50.0	213+00.0	RESURFACE	MAINLINE LT								13479.5	0.050	0.025	2.0	1011.0	30.0	1497.7		1.00	112.0	83.9	30.0	1497.7	2.00	112.0	167.8
U.S. RTE 14	208+50.0	213+00.0	WIDEN	MAINLINE LT	14.84	742.2	229.4	14.8	742.2			6679.5	0.050	0.025	2.0	501.0	14.8	742.2	129.2	1.00	112.0	48.8	14.8	742.2	2.00	112.0	83.2
U.S. RTE 14	208+50.0	208+89.5	RESURFACE	MAINLINE RT</																							

SCHEDULE OF EXISTING SIGN RELOCATION

EXISTING SIGN NUMBER	PANEL DESCRIPTION	STATION	OFFSET (FT)	LT/RT	FACING TRAFFIC	WIDTH (IN)	HEIGHT (IN)	72400710	72400500	72400600					
								RELOCATE SIGN PANEL - TYPE 1 (SQ FT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE A (EACH)	RELOCATE SIGN PANEL ASSEMBLY - TYPE B (EACH)					
HART ROAD (STA 95+00 TO 100+00)															
E2-4	ONE-DIRECTION LARGE RIGHT ARROW	97+71.71	26.58	RT	EB	48.0	24.0		1.0						
E2-5	RIGHT TURN ONLY	98+39.99	28.72	LT	EB	30.0	30.0		1.0						
HART ROAD (STA 100+00 TO 105+00)															
E3-2a	RIGHT TURN AHEAD	101+21.99	33.92	RT	WB	36.0	36.0			1.0					
E3-2b	ADVISORY SPEED LIMIT 25 MPH				WB	24.0	24.0								
E3-3	PEDESTRIAN CROSSING	100+72.58	27.61	LT	EB	36.0	36.0		1.0						
E4-1a	ADOPT A HIGHWAY				EB	36.0	36.0								
E4-1b	FIELD AND FLOWER GARDEN CLUB	104+96.79	51.69	LT	EB	36.0	18.0			1.0					
E4-1c	FOLDED CLEAN UP CREW WORKING				EB	30.0	30.0								
HART ROAD (STA 105+00 TO 109+50)															
E4-2a	SIGNAL AHEAD	107+31.07	47.08	RT	WB	36.0	36.0			1.0					
E4-2b	US RTE 14				WB	30.0	9.0								
E4-3	CURVE AHEAD	105+96.79	52.95	LT	EB	36.0	36.0		1.0						
E4-4	SPEED LIMIT 40 MPH	106+96.79	53.65	LT	EB	30.0	36.0		1.0						
E4-5	SINGLE LEFT CHEVRON ARROW	107+96.79	54.46	LT	EB	24.0	30.0		1.0						
E4-7	BCFPP ZON 726 770	108+50.48	70.69	LT	SB	12.0	18.0		1.0						
E4-8a	END PLAQUE				WB	24.0	12.0								
E4-8b	LAKE COUNTY V53	108+72.88	46.57	RT	WB	24.0	24.0		1.0						
HART ROAD (STA 109+50 TO 114+50)															
E5-1a	SOUTH				SB	24.0	12.0								
E5-1b	LAKE COUNTY V53	109+63.45	60.15	LT	SB	24.0	24.0		1.0						
E5-1c	HART RD				SB	24.0	6.0								
E4-12a	UNION PACIFIC 1-800-848-8715	109+49.22	40.24	RT	WB	30.0	24.0			1.0					
E4-11	SINGLE RIGHT CHEVRON ARROW	109+91.22	66.07	LT	WB	24.0	30.0		1.0						
E5-4a	GRADE CROSSING (CROSSBUCK)				SB	49.0	9.0	3.1							
E5-4b	NUMBER OF TRACKS (PLAQUE)	110+86.37	64.69	LT	SB			3.0							
E5-7a	US ROUTE 14				NB	24.0	24.0	4.0							
E5-7b	DIRECTIONAL ARROW	110+70.62	66.68	RT	NB	21.0	15.0	2.2							
E5-7c	FOLDED STOP SIGN				NB	30.0	30.0	6.4							
E5-9	FOLDED STOP SIGN	113+37.36	65.22	LT	SB	30.0	30.0	6.4							
E5-12	SPEED LIMIT 35 MPH	114+47.92	30.39	RT	NB	18.0	24.0		1.0						
HART ROAD (STA 119+50 TO 124+50)															
E7-1	BCFPD ZON 909	121+42.73	20.02	RT	EB	11.0	14.0		1.0						
E7-4a	DEAD END				EB	24.0	24.0								
E7-4b	ADVISORY SPEED LIMIT 15 MPH	123+84.57	47.51	RT	EB	18.0	18.0		1.0						
US ROUTE 14 (STA 197+00 TO 201+00)															
E8-2	SPEED LIMIT 45 MPH	200+65.93	65.69	RT	EB	30.0	36.0		1.0						
US ROUTE 14 (STA 201+00 TO 205+50)															
E9-2a	JCT					21.0	15.0								
E9-2b	LAKE COUNTY V53	201+90.26	63.03	RT	EB	24.0	24.0			1.0					
E9-2c	HART RD					24.0	9.0								
E9-2d	RIGHT TURN ARROW					21.0	15.0								
E10-1a	DO NOT ENTER	204+51.59	4.73	LT	WB	30.0	30.0			1.0					
E10-1b	LEFT TURN ONLY				EB	24.0	30.0								
US ROUTE 14 (STA 205+50 TO 208+50)															
E10-2	KEEP RIGHT	206+25.45	3.72	LT	WB	24.0	30.0		1.0						
E10-3a	LAKE COUNTY V53				EB	24.0	24.0	4.0							
E10-3b	HART RD	206+16.05	65.46	RT	EB	24.0	9.0	1.5							
E10-3c	RIGHT ARROW				EB	21.0	15.0	2.2							
E10-3d	FOLDED STOP SIGN				EB	30.0	30.0	6.4							
E10-4b	FOLDED STOP SIGN				WB	30.0	30.0	6.4							
E10-5a	LAKE COUNTY V53				WB	24.0	24.0								
E10-5b	HART RD	207+43.86	60.47	LT	WB	24.0	9.0		1.0						
E10-5c	LEFT ARROW				WB	21.0	15.0								
E10-6	KEEP RIGHT	207+90.42	11.02	RT	EB	24.0	30.0		1.0						
E10-7a	LAKE COUNTY V53				WB	24.0	24.0								
E10-7b	HART RD	207+96.82	10.48	RT	WB	24.0	9.0		1.0						
E10-7c	LEFT ARROW				WB	21.0	15.0								
US ROUTE 14 (STA 208+50 TO 213+00)															
E11-1b	DO NOT ENTER	210+79.36	8.91	RT	EB	30.0	30.0	6.4							
E11-3	ONE WAY	211+75.15	0.77	LT	SB	18.0	24.0		1.0						
E11-4a	JCT				WB	21.0	15.0								
E11-4b	LAKE COUNTY V53	212+56.43	60.36	LT	WB	24.0	24.0			1.0					
E11-4c	HART RD				WB	24.0	9.0								
E11-4d	LEFT TURN ARROW				WB	21.0	15.0								
US ROUTE 14 (STA 218+00 TO 223+50)															
E13-1	STOP SIGN	218+04.65	98.65	LT	SB	30.0	30.0		1.0						
E13-3	NO TURN ON RED	221+36.96	92.56	LT	SB	18.0	12.0		1.0						
US ROUTE 14 (STA 229+00 TO 234+00)															
E15-1	STOP SIGN	231+39.45	98.03	LT	SB	30.0	30.0		1.0						
US ROUTE 14 (STA 234+00 TO 239+00)															
E16-3a	STOP SIGN				SB	30.0	30.0								
E16-3b	NORTHWEST HWY	231+39.45	98.03	LT	NB/SB					1.0					
E16-3c	CUMNOR AVE				EB/WB										
TOTAL:								52.0	22.0	8.0					

SCHEDULE OF SHOULDERS AND RELATED ITEMS

LOCATION				35101800			48101200					48203021			40603340				
				AGGREGATE BASE COURSE, TYPE B 6"			AGGREGATE SHOULDERS, TYPE B					HOT-MIX ASPHALT SHOULDERS, 6"			HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70				
ROAD	START STATION	END STATION	SIDE	LENGTH (FT)	WIDTH (FT)	(SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	(SQ YD)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)
HART	93+07.8	96+02.1	LT				293.7	2.0	65.3	6.0	140.0	27.5							
HART	96+05.8	96+09.5	LT				2.4	2.0	0.5	6.0	140.0	0.4							
HART	96+76.5	96+80.5	LT				2.7	2.0	0.6	6.0	140.0	0.4							
HART	96+85.5	97+51.2	LT				63.7	2.0	14.2	6.0	140.0	6.1							
HART	97+51.1	97+61.4	LT										10.3	3.1	3.6				
HART	97+59.3	99+78.0	LT				212.4	2.0	47.2	6.0	140.0	20.0							
HART	99+74.0	99+84.1	LT										10.1	2.4	2.7				
HART	103+93.8	105+34.8	RT	141.0	4.2	65.1										65.1	2.0	112.0	7.6
HART	108+76.1	110+34.0	LT	157.9	1.5	25.9										25.9	2.0	112.0	3.4
HART	121+09.5	121+19.5	LT										10.0	1.9	2.1				
HART	121+14.2	122+07.7	LT				90.5	2.0	20.1	6.0	140.0	8.6							
HART	122+35.4	123+62.2	LT				126.7	2.0	28.2	6.0	140.0	12.0							
HART	123+86.9	123+89.9	RT										3.0	6.0	2.0				
U.S. RTE 14	200+22.0	205+60.0	RT										538.0	4.0	239.6				
U.S. RTE 14	200+22.0	205+74.6	RT										552.6	5.0	305.6				
U.S. RTE 14	204+29.4	205+14.6	LT										85.2	4.1	38.6				
U.S. RTE 14	204+29.4	205+61.3	LT										132.0	6.5	95.4				
U.S. RTE 14	208+09.7	208+19.7	RT										10.0	2.5	2.8				
U.S. RTE 14	208+42.5	208+94.0	RT										51.5	7.5	42.9				
U.S. RTE 14	213+85.4	214+02.0	LT										16.6	4.9	9.1				
U.S. RTE 14	214+57.8	216+07.8	LT										150.0	9.2	153.6				
TOTAL:						91.0	75.0						898.0			11.0			

SCHEDULE OF PATCHING AND RELATED ITEMS

LOCATION				44201749	44201753	44201757	44200974	44201759	44200976	44201723	40601005							
				CLASS D PATCHES, TYPE I, 9 INCH (SQ YD)	CLASS D PATCHES, TYPE II, 9 INCH (SQ YD)	CLASS D PATCHES, TYPE III, 9 INCH (SQ YD)	CLASS B PATCHES, TYPE III, 10 INCH (SQ YD)	CLASS D PATCHES, TYPE IV, 9 INCH (SQ YD)	CLASS B PATCHES, TYPE IV, 10 INCH (SQ YD)	CLASS D PATCHES, TYPE IV, 6 INCH (SQ YD)	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES							
ROAD	START STATION	END STATION	SIDE	LENGTH (FT)	WIDTH (FT)	(SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	(SQ YD)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)		
HART	92+26	92+91	LT						65.6	8.7	63.5							
HART	95+98	96+87	LT						89.1	15.3	151.4							
HART	96+90	97+27	RT/LT						37.5	7.3	30.5							
HART	121+10	123+57	RT/LT						247.3	7.8	214.9							
U.S. RTE 14	205+62	205+99	LT				37.2	5.3	22.0									
U.S. RTE 14	207+16	208+29	LT							112.7	9.1	114.3			22.0	3.0	112.0	3.7
U.S. RTE 14	207+61	207+71	LT							10.7	27.9	33.1			114.3	3.0	112.0	19.3
U.S. RTE 14	207+81	208+09	RT							28.2	15.3	48.0			33.1	3.0	112.0	5.7
U.S. RTE 14	213+10	213+38	LT															

SCHEDULE OF DRIVEWAYS, MAILBOX TURN OUTS, AND RELATED ITEMS

LOCATION					351010800				35102000				35501316			42300400			40603335						X4020800			
					AGGREGATE BASE COURSE, TYPE B 6"				AGGREGATE BASE COURSE, TYPE B 8"				HOT-MIX ASPHALT BASE COURSE, 8"			PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH			HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50						AGGREGATE SURFACE COURSE, TYPE B 12"			
ROAD	START STATION	END STATION	SIDE	DRIVE TYPE	LENGTH (FT)	WIDTH (FT)	(SQ YD)	ADDITIONAL AREA (SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	ADDITIONAL AREA (SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	
HART	96+12.0	96+73.9	LT	CE					61.9	9.7	66.9	9.3				61.9	9.7	66.9	2.5				112.0	9.4				
HART	102+89.6	103+48.0	LT	CE					58.4	48.9	316.9	14.5				58.4	48.9	316.9	2.5				112.0	44.4				
HART	108+25.7	108+75.9	LT	MAIL	50.2	3.3	18.6	7.2								50.2	3.3	18.6	2.5				112.0	2.7				
HART	108+52.9	108+67.4	LT	PE	108.0	14.5	174.0	13.8								108.0	14.5	174.0	2.5				112.0	24.4				
HART	110+14.1	110+29.8	RT	PE																					15.7	17.8	31.0	
HART	115+04.9	115+41.6	RT	CE												36.7	12.4	50.5										
HART	115+78.6	116+24.1	RT	CE					45.5	2.4	11.9	5.2							45.5	2.4	11.9	2.5	112.0	1.7				
HART	115+88.4	116+14.3	RT	CE					25.9	12.7	36.6	4.3							25.9	12.7	36.6	2.5	112.0	5.3				
HART	116+55.5	116+99.9	RT	CE					44.5	2.3	11.6	5.1							44.5	2.3	11.6	2.5	112.0	1.8				
HART	116+65.3	116+90.1	RT	CE					24.9	7.1	19.5	3.7							24.9	7.1	19.5	2.5	112.0	2.9				
HART	118+00.8	118+57.7	LT	CE					56.9	9.7	61.6	7.2							56.9	9.7	61.6	2.5	112.0	8.8				
HART	120+94.6	121+64.6	RT	MAIL	70.0	2.6	20.2	4.2											70.0	2.6	20.2	2.5	112.0	3.0				
HART	121+13.3	121+31.7	RT	PE	18.4	3.0	6.2	2.5											18.4	3.0	6.2	2.5	112.0	1.0				
HART	121+18.2	121+28.6	RT	PE	10.4	14.1	16.3	3.0											10.4	14.1	16.3	2.5	112.0	2.4				
U.S. RTE 14	208+34.4	209+03.2	LT	CE												68.8	30.0	229.5										
U.S. RTE 14	211+48.8	212+02.2	LT	CE					53.37	28.7	169.9	9.8				53.4	28.7	170.0										
TOTAL:					266.0				754.0				170.0			280.0			127.0						31.0			

SCHEDULE OF SHARED-USE PATH, SIDEWALK, AND RELATED ITEMS

LOCATION					44000600			35101600			35101800			40600275		40603335					42400200			42001300			42400800			
					SIDEWALK REMOVAL			AGGREGATE BASE COURSE, TYPE B 4"			AGGREGATE BASE COURSE, TYPE B 6"			BITUMINOUS MATERIALS (PRIME COAT)		HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50					PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH			PROTECTIVE COAT			DETECTABLE WARNINGS			
ROAD	START STATION	END STATION	DESCRIPTION	SIDE	LENGTH (FT)	WIDTH (FT)	(SQ FT)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	(SQ YD)	RATE (LB/SQ FT)	(POUND)	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)	LENGTH (FT)	WIDTH (FT)	(SQ FT)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	NO. OF PANELS	PANEL AREA (SQ FT)	(SQ FT)
HART	92+87.7	93+00.0	ADA	LT				12.3	5.7	7.8												12.3	5.7	70.2	12.3	5.7	7.8	4.0	4.0	16.0
HART	95+97.5	96+08.2	ADA	LT				10.7	5.7	6.8												10.7	5.7	61.2	10.7	5.7	6.8	4.0	4.0	16.0
HART	96+78.0	96+90.0	ADA	LT				11.9	5.6	7.4												11.9	5.6	66.6	11.9	5.6	7.4	4.0	4.0	16.0
HART	102+90.0	103+00.3	ADA	LT				10.2	7.0	8.0												10.2	7.0	72.0	10.2	7.0	8.0	4.0	4.0	16.0
HART	103+35.5	103+45.7	ADA	LT				10.2	7.0	8.0												10.2	7.0	72.0	10.2	7.0	8.0	4.0	4.0	16.0
HART	110+32.3	110+56.8	ADA	LT				24.5	7.3	19.9												24.5	7.3	179.1	24.5	7.3	19.9	4.0	4.0	16.0
HART	110+78.7	111+02.7	ADA	LT				24.0	7.2	19.2												24.0	7.2	172.8	24.0	7.2	19.2	4.0	4.0	16.0
HART	111+67.7	111+84.8	ADA	LT				17.1	5.8	11.1												17.1	5.8	99.9	17.1	5.8	11.1	4.0	4.0	16.0
HART	113+24.1	113+43.2	ADA	LT				19.1	7.7	16.3												19.1	7.7	146.7	19.1	7.7	16.3	4.0	4.0	16.0
HART	112+46.4	112+53.7	ADA	LT				7.2	5.3	4.3												7.2	5.3	38.7	7.2	5.3	4.3	5.0	4.0	20.0
HART	112+71.2	112+79.0	ADA	LT				7.7	5.4	4.6												7.7	5.4	41.4	7.7	5.4	4.6	5.0	4.0	20.0
HART	113+24.7	113+32.9	ADA	LT				8.2	9.9	9.0												8.2	9.9	81.0	8.2	9.9	9.0	7.0	4.0	28.0
HART	93+00.0	95+97.5	PATH	LT							293.4	8.0	260.8	260.8	0.25	586.8	293.4	8.0	3.0	112.0	43.9									
HART	96+90.0	102+90.0	PATH	LT							592.5	8.0	526.7	526.7	0.25	1185.1	592.5	8.0	3.0	112.0	88.5									
HART	102+95.5	102+97.5	ADA	LT				2.0	1.8	0.4												2.0	1.8	3.6	2.0	1.8	0.4			
HART	102+97.1	103+00.2	ADA	LT				3.2	2.3	0.8												3.2	2.3	7.2	3.2	2.3	0.8			
HART	103+35.0	103+38.7	ADA	LT				3.7	1.9	0.8												3.7	1.9	7.2	3.7	1.9	0.8			
HART	103+39.1	103+41.3	ADA	LT				2.2	1.7	0.4												2.2	1.7	3.6	2.2	1.7	0.4			
HART	103+45.7	108+53.7	PATH	LT							526.1	8.0	467.6	467.6	0.25	1052.1	526.1	8.0	3.0	112.0	78.7									
HART	108+65.0	110+32.3	PATH	LT							213.4	8.0	189.7	189.7	0.25	426.8	213.4	8.0	3.0	112.0	32.0									
HART	111+02.7	111+67.7	PATH	LT							67.8	8.0	60.3	60.3	0.25	135.7	67.8	8.0	3.0	112.0	10.3									
HART	111+67.7	111+75.4	ADA	LT				7.7	1.9	1.6												7.7	1.9	14.4	7.7	1.9	1.6			
HART	111+67.7	111+89.1	ADA	LT				21.4	1.7	4.0												21.4	1.7	36.0	21.4	1.7	4.0			
HART	112+43.1	112+53.7	ADA	LT				10.6	1.8	2.1												10.6	1.8	18.9	10.6	1.8	2.1			
HART	112+51.7	112+54.0	ADA	LT				2.3	2.7	0.7												2.3	2.7	6.3	2.3	2.7	0.7			
HART	112+54.0	112+70.9	ADA	LT				16.8	8.2	15.4												16.8	8.2	138.6	16.8	8.2	15.4			
HART	112+70.9	112+73.3	ADA	LT				2.5	2.6	0.7												2.5	2.6	6.3	2.5	2.6	0.7			
HART	112+71.2	112+82.3	ADA	LT				11.1	1.8	2.2												11.1	1.8	19.8	11.1	1.8	2.2			
HART	113+22.9	113+24.7	ADA	LT				1.8	3.0	0.6												1.8	3.0	5.4	1.8	3.0	0.6			
HART	113+24.1	113+29.6	ADA	LT				5.5	2.8	1.7												5.5	2.8	15.3	5.5	2.8	1.7			
HART	113+22.9	113+29.7	ADA	LT				6.7	1.9	1.4												6.7	1.9	12.6	6.7	1.9	1.4			
HART	113+27.9	113+35.0	ADA	LT				7.1	2.8	2.2												7.1	2.8	19.8	7.1	2.8	2.2			
HART	113+24.7	113+37.9	ADA	LT				13.2	6.6	9.7																				

SCHEDULE OF SHARED-USE PATH, SIDEWALK, AND RELATED ITEMS (CONTINUED)

LOCATION					44000600			35101600			35101800			40600275			40603335					42400200			42001300			42400800		
					SIDEWALK REMOVAL			AGGREGATE BASE COURSE, TYPE B 4"			AGGREGATE BASE COURSE, TYPE B 6"			BITUMINOUS MATERIALS (PRIME COAT)			HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50					PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH			PROTECTIVE COAT			DETECTABLE WARNINGS		
ROAD	START STATION	END STATION	DESCRIPTION	SIDE	LENGTH (FT)	WIDTH (FT)	(SQ FT)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	UNIT WEIGHT (LB/SQYD*IN)	(TON)	LENGTH (FT)	WIDTH (FT)	(SQ FT)	LENGTH (FT)	WIDTH (FT)	(SQ YD)	NO. OF PANELS	PANEL AREA (SQ FT)	(SQ FT)
HART	110+76.6	110+80.0	ADA	RT				3.3	3.3	1.2												3.3	3.3	10.8	3.3	3.3	1.2			
HART	111+33.3	111+36.2	ADA	RT				2.9	2.5	0.8												2.9	2.5	7.2	2.9	2.5	0.8			
HART	111+33.3	111+51.0	SIDEWALK	RT				17.6	4.3	8.4												17.6	4.3	75.6	17.6	4.3	8.4	9.0	4.0	36.0
HART	111+39.7	111+43.0	ADA	RT				3.2	2.0	0.7												3.2	2.0	6.3	3.2	2.0	0.7			
HART	111+44.3	111+46.8	ADA	RT				2.5	2.5	0.7												2.5	2.5	6.3	2.5	2.5	0.7			
HART	111+48.5	111+51.0	ADA	RT				2.5	2.5	0.7												2.5	2.5	6.3	2.5	2.5	0.7			
HART	112+27.7	112+37.0	ADA	RT				9.3	2.2	2.3												9.3	2.2	20.7	9.3	2.2	2.3			
HART	112+27.7	112+37.0	SIDEWALK	RT				9.3	5.1	5.3												9.3	5.1	47.7	9.3	5.1	5.3	5.0	4.0	20.0
HART	112+33.9	112+40.0	ADA	RT				6.1	1.9	1.3												6.1	1.9	11.7	6.1	1.9	1.3			
HART	112+38.4	112+41.5	ADA	RT				3.1	2.6	0.9												3.1	2.6	8.1	3.1	2.6	0.9			
HART	112+41.5	112+46.4	ADA	RT				4.9	2.6	1.4												4.9	2.6	12.6	4.9	2.6	1.4			
HART	112+46.4	112+64.8	SIDEWALK	RT				18.4	14.6	29.8												18.4	14.6	268.2	18.4	14.6	29.8	11.0	4.0	44.0
HART	112+54.8	115+60.8	SIDEWALK	RT				309.6	6.0	206.4												309.6	6.0	1857.6	309.6	6.0	206.4	2.0	4.0	8.0
HART	112+64.8	112+70.5	ADA	RT				5.6	3.4	2.1												5.6	3.4	18.9	5.6	3.4	2.1			
HART	115+60.8	115+75.6	SIDEWALK	RT				14.8	5.2	8.6												14.8	5.2	77.4	14.8	5.2	8.6			
HART	115+75.6	123+54.0	SIDEWALK	RT				778.5	5	432.5												778.5	5.0	3892.5	778.5	5.0	432.5	4.0	4.0	16.0
HART	116+22.0	116+65.5	REMOVAL	RT	43.5	4.0	173.2																				4.0	6.0	24.0	
HART	123+54.0	123+70.1	ADA	RT				16.1	3.8	6.7												16.1	3.8	60.3	16.1	3.8	6.7	3.0	4.0	12.0
HART	123+54.0	123+60.8	ADA	RT				6.8	0.8	0.6												6.8	0.8	5.4	6.8	0.8	0.6			
HART	123+66.0	123+70.1	ADA	RT				4.1	1.3	0.6												4.1	1.3	5.4	4.1	1.3	0.6			
U.S. RTE 14	207+28.8	208+33.7	PATH	LT							106.4	10.0	118.2	118.2	0.25	266.0	106.4	10.0	3.0	112.0	20.0									
U.S. RTE 14	208+33.7	208+48.9	ADA	LT				15.1	6.7	11.3												15.1	6.7	101.7	15.1	6.7	11.3	7.0	4.0	28.0
U.S. RTE 14	208+88.7	209+03.6	ADA	LT				14.8	6.7	11.0												14.8	6.7	99.0	14.8	6.7	11.0	7.0	4.0	28.0
U.S. RTE 14	209+03.6	211+45.2	PATH	LT							241.7	10.0	268.5	268.5	0.25	604.1	241.7	10.0	3.0	112.0	45.3									
U.S. RTE 14	211+45.2	211+52.4	ADA	LT				7.2	1.8	1.4												7.2	1.8	12.6	7.2	1.8	1.4			
U.S. RTE 14	211+45.2	211+56.4	ADA	LT				11.2	8.8	11.0												11.2	8.8	99.0	11.2	8.8	11.0	5.0	4.0	20.0
U.S. RTE 14	211+45.2	211+57.0	ADA	LT				11.8	2.9	3.8												11.8	2.9	34.2	11.8	2.9	3.8			
U.S. RTE 14	211+93.2	212+05.5	ADA	LT				12.3	2.8	3.8												12.3	2.8	34.2	12.3	2.8	3.8			
U.S. RTE 14	211+94.1	212+05.5	ADA	LT				11.4	8.8	11.2												11.4	8.8	100.8	11.4	8.8	11.2	5.0	4.0	20.0
U.S. RTE 14	211+98.2	212+05.5	ADA	LT				7.3	1.9	1.5												7.3	1.9	13.5	7.3	1.9	1.5			
U.S. RTE 14	212+05.5	218+00.0	PATH	LT							597.4	10.0	663.8	663.8	0.25	1493.6	597.4	10.0	3.0	112.0	111.7									
U.S. RTE 14	218+00.0	218+07.9	ADA	LT				7.9	2.9	2.5												7.9	2.9	22.5	7.9	2.9	2.5			
U.S. RTE 14	218+00.0	218+07.6	ADA	LT				7.6	9.6	8.1												7.6	9.6	72.9	7.6	9.6	8.1	5.0	4.0	20.0
U.S. RTE 14	218+00.0	218+07.1	ADA	LT				7.1	3.0	2.4												7.1	3.0	21.6	7.1	3.0	2.4			
U.S. RTE 14	218+39.5	218+46.6	ADA	LT				7.1	3.0	2.4												7.1	3.0	21.6	7.1	3.0	2.4			
U.S. RTE 14	218+38.9	218+46.5	ADA	LT				7.6	9.6	8.1												7.6	9.6	72.9	7.6	9.6	8.1	5.0	4.0	20.0
U.S. RTE 14	218+38.9	218+46.5	ADA	LT				7.6	3.0	2.5												7.6	3.0	22.5	7.6	3.0	2.5			
U.S. RTE 14	218+46.5	221+24.0	PATH	LT							274.9	10.0	305.4	305.4	0.25	687.2	274.9	10.0	3.0	112.0	51.5									
U.S. RTE 14	221+23.5	221+36.1	ADA	LT				12.6	7.0	9.8												12.6	7.0	88.2	12.6	7.0	9.8	7.0	4.0	28.0
U.S. RTE 14	221+23.5	221+38.5	ADA	LT				15.0	2.3	3.8												15.0	2.3	34.2	15.0	2.3	3.8			
U.S. RTE 14	221+24.0	221+28.4	ADA	LT				4.4	2.0	1.0												4.4	2.0	9.0	4.4	2.0	1.0			
U.S. RTE 14	222+60.7	222+85.5	ADA	LT				24.8	1.8	5.0												24.8	1.8	45.0	24.8	1.8	5.0			
U.S. RTE 14	222+64.9	222+85.5	ADA	LT				20.6	7.1	16.3												20.6	7.1	146.7	20.6	7.1	16.3	8.0	4.0	32.0
U.S. RTE 14	222+77.3	222+85.6	ADA	LT				8.3	1.7	1.6												8.3	1.7	14.4	8.3	1.7	1.6			
U.S. RTE 14	222+85.5	231+34.6	PATH	LT							834.0	10.0	926.7	926.7	0.25	2085.1	834.0	10.0	3.0	112.0	155.8									
U.S. RTE 14	231+34.6	231+43.2	ADA	LT				8.7	9.2	8.9												8.7	9.2	80.1	8.7	9.2	8.9	5.0	4.0	20.0
U.S. RTE 14	231+71.4	231+83.2	ADA	LT				11.8	8.1	10.7												11.8	8.1	96.3	11.8	8.1	10.7	5.0	4.0	20.0
U.S. RTE 14	231+83.2	237+03.2	PATH	LT							515.1	10.0	572.3	572.3	0.25	1287.7	515.1	10.0	3.0	112.0	96.3									
U.S. RTE 14	237+03.2	237+10.4	ADA	LT				7.2	10.0	8.0												7.2	10.0	72.0	7.2	10.0	8.0	5.0	4.0	20.0
U.S. RTE 14	237+08.8	237+10.4	REMOVAL	LT	1.6	3.7	6.0																							
U.S. RTE 14	236+80.2	236+85.2	ADA	LT				5.0	29.2	16.3												5.0	29.2	146.7	5.0	29.2	16.3			
U.S. RTE 14	237+43.0	237+52.4	ADA	LT				9.4	2.2	2.3												9.4	2.2	20.7	9.4	2.2	2.3			
U.S. RTE 14	237+44.2	237+57.6	ADA	LT				13.4	4.7	7.0												13.4	4.7	63.0	13.4	4.7	7.0	2.0	4.0	8.0
U.S. RTE 14	237+45.4	237+52.5	ADA	LT				7.1	3.0	2.4												7.1	3.0	21.6	7.1	3.0	2.4	1.0	2.0	2.0
SUB-TOTAL 2:							179.2			885.1			2,854.9			6,423.5			480.6			7,965.9			885.1					438.0
SUB-TOTAL 1:							32.8			1,313.9			1,505.1			3,386.5			253.4			11,825.1			1,313.9					268.0
TOTAL:							212.0			2,199.0			4,360.0			9,810.0			734.0			19,791.0			2,199.0					706.0

FILE NAME: G:\CH09\0176\Road\Sheets\108084-SCHEDULES.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	

SCHEDULE OF CURB & GUTTER, MEDIAN, AND RELATED ITEMS

LOCATION				44000300	44000500	60600605	60603800	60605000	60608300	60608562	60608582	44003100			60619600			60624600			X6065750			35101800			42001300					
				CURB REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	MEDIAN REMOVAL			CONCRETE MEDIAN, TYPE SB-6.12			CORRUGATED MEDIAN			CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)			AGGREGATE BASE COURSE, TYPE B			PROTECTIVE COAT					
ROAD	START STATION	END STATION	SIDE	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	LENGTH (FT)	AVG WIDTH (FT)	(SQ FT)	LENGTH (FT)	AVG WIDTH (FT)	(SQ FT)	LENGTH (FT)	AVG WIDTH (FT)	(SQ FT)	LENGTH (FT)	AVG WIDTH (FT)	(SQ FT)	DEPTH (IN)	UNIT WEIGHT (LB/CU FT)	(TON)	LENGTH (FT)	AVG WIDTH (FT)	(SQ YD)			
HART	93+07	95+00	RT					202.0																						202.0	2.6	58.0
HART	95+00	100+00	RT					505.0																						505.0	2.6	144.8
HART	99+94	100+00	MEDIAN RT						7.3																					7.3	1.6	1.3
HART	99+94	100+00	MEDIAN																			6.1	0.8	5.1	10.8	140.0	0.4		6.1	0.9	0.6	
HART	99+94	100+00	MEDIAN LT						7.3																					7.3	1.6	1.3
HART	96+09	96+76	DRIVE LT	81.0		55.0																								55.0	0.6	3.6
HART	99+84	100+00	LT					15.8																						15.8	2.6	4.6
HART	100+00	105+00	RT					501.5																						501.5	2.6	143.8
HART	100+00	105+00	MEDIAN RT						500.6																					500.6	1.6	87.9
HART	100+00	105+00	MEDIAN																			500.0	5.6	2,805.1	10.8	140.0	176.0		500.0	5.6	311.7	
HART	100+00	105+00	MEDIAN LT						499.9																					499.9	1.6	87.8
HART	100+00	105+00	LT					499.2																						499.2	2.6	143.2
HART	102+88	103+47	DRIVE LT	131.0		200.5																								200.5	0.6	13.0
HART	105+00	109+50	RT					424.6																						424.6	2.6	121.8
HART	108+24	109+50	RT		124.8																									-	-	-
HART	105+00	108+93	MEDIAN RT						398.6																					398.6	1.6	70.0
HART	108+93	109+50	MEDIAN RT				60.0																							60.0	1.6	10.6
HART	105+00	109+50	MEDIAN																			450.0	9.9	4,468.6	10.8	140.0	280.4		450.0	9.9	496.6	
HART	105+00	108+94	MEDIAN LT						406.3																					406.3	1.6	71.4
HART	108+94	109+37	MEDIAN LT				50.0																							50.0	1.6	8.8
HART	109+37	109+50	MEDIAN LT								14.0																			14.0	1.6	2.5
HART	109+37	109+50	MEDIAN LT			20.0																								20.0	0.6	1.3
HART	105+00	109+50	LT					489.2																						489.2	2.6	140.3
HART	107+59	109+50	LT		203.1																									-	-	-
HART	109+50	109+59	RT					7.7																						7.7	2.6	2.3
HART	109+50	109+84	RT		32.3																									-	-	-
HART	110+02	110+10	MEDIAN				28.6																							28.6	1.6	5.1
HART	110+13	110+67	RT								54.7																			54.7	2.6	15.9
HART	110+67	110+77	RT					49.0																						49.0	2.6	14.2
HART	110+13	110+78	RT			55.0																								55.0	0.6	3.6
HART	109+50	110+05	MEDIAN RT				58.0																							58.0	1.6	10.2
HART	110+56	111+10	MEDIAN RT			48.1				54.0																				102.1	1.6	18.0
HART	109+50	110+05	MEDIAN																			54.6	8.6	470.3	14.8	140.0	40.6		54.6	8.6	52.3	
HART	110+56	111+04	MEDIAN																			48.1	7.4	353.8	14.8	140.0	30.6		48.1	7.4	39.4	
HART	111+03	111+28	ISLAND RT		80.7							24.6	15.4	385.0																-	-	-
HART	111+04	111+10	MEDIAN																			6.0	3.5	21.1					6.0	3.6	2.4	
HART	111+10	111+19	MEDIAN																			8.9	7.8	69.7					8.9	7.9	7.8	
HART	109+50	110+05	MEDIAN LT			60.0					62.0																			122.0	1.1	14.8
HART	110+56	111+10	MEDIAN LT				55.0																							55.0	1.6	9.7
HART	109+50	109+69	LT					24.3																						24.3	2.6	7.0
HART	109+50	109+86	LT		38.6																									-	-	-
HART	109+69	110+34	LT																											78.0	2.6	22.4
HART	110+50	110+59	MEDIAN				28.5																							28.5	1.6	5.1
HART	110+77	112+07	LT					148.1																						148.1	2.6	42.5
HART	112+46	114+50	RT		208.0																									-	-	-
HART	113+08	114+50	RT				142.1																							142.1	1.6	25.0
HART	112+72	112+90	ISLAND LT		62.7							18.1	11.8	213.0																-	-	-
HART	112+86	112+93	MEDIAN																			7.0	3.2	18.1					7.0	2.7	2.1	
HART	112+93	112+99	MEDIAN												6.0	3.8	23.2													6.0	3.9	2.6
HART	112+99	114+50	MEDIAN												151.2	5.9	895.2													151.2	5.9	99.5
HART	113+07	114+50	LT		192.0																									-	-	-
HART	113+75	114+50	LT				75.7																							75.7	1.6	13.3
HART	114+50	119+50	RT				500.1																							500.1	1.6	87.8
HART	114+50	119+41	RT		491.3																									-	-	-
HART	114+50	114+59	MEDIAN																											8.7	3.9	3.8
HART	114+59	114+65	MEDIAN												8.7	3.9	34.2													8.7	3.9	3.8
HART	114+50	119+50	LT				500.2								6.0	5.4	32.4													6.0	5.4	3.6
HART	114+50	119+39	LT		457.9																									500.2	1.6	87.9
HART	117+98	118+61	DRIVE LT																											-	-	-
HART	119+50	123+87	RT				35.5																							35.5	1.6	6.3
HART	119+50	123+87	RT				473.3																							473.3	1.6	83.1
HART	119+50	121+10	LT				159.7																							159.7	1.6	28.1

SUB-TOTAL 1:	212.0	1,891.4	438.6	2,166.7	2,866.4	1,820.0	130.0	132.7				598.0		985.0		87.8		8,124.0		528.0		2,640.7
--------------	-------	---------	-------	---------	---------	---------	-------	-------	--	--	--	-------	--	-------	--	------	--	---------	--	-------	--	---------

FILE NAME: G:\CH09\0176\Road\Sheets\108084-SCHEDULES.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	

SCHEDULE OF CURB & GUTTER, MEDIAN, AND RELATED ITEMS (CONTINUED)

LOCATION				44000300	44000500	60600605	60603800	60605000	60608300	60608562	60608582	44003100			60619600			60624600			X6065750			35101800			42001300				
LOCATION				CURB REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE CURB, TYPE B	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	MEDIAN REMOVAL			CONCRETE MEDIAN, TYPE SB-6.12			CORRUGATED MEDIAN			CONCRETE MEDIAN SURFACE, 6 INCH (SPECIAL)			AGGREGATE BASE COURSE, TYPE B			PROTECTIVE COAT				
ROAD	START STATION	END STATION	SIDE	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	LENGTH (FT)	AVG WIDTH (FT)	(SQ FT)	LENGTH (FT)	AVG WIDTH (FT)	(SQ FT)	LENGTH (FT)	AVG WIDTH (FT)	(SQ FT)	LENGTH (FT)	AVG WIDTH (FT)	(SQ FT)	DEPTH (IN)	UNIT WEIGHT (LB/CU FT)	(TON)	LENGTH (FT)	AVG WIDTH (FT)	(SQ YD)		
US RTE 14	204+67	205+50	LT					83.5																				83.5	2.6	24.0	
US RTE 14	205+60	206+29	MEDIAN RT																									69.4	2.6	19.9	
US RTE 14	207+69	208+10	MEDIAN RT							42.0																		42.0	1.6	7.4	
US RTE 14	206+35	206+45	MEDIAN															9.6	11.4	109.2								9.6	11.4	12.2	
US RTE 14	205+61	206+29	MEDIAN LT																									68.6	2.6	19.7	
US RTE 14	206+29	206+35	MEDIAN																									12.7	2.6	3.7	
US RTE 14	207+63	207+69	MEDIAN																									16.9	2.6	4.9	
US RTE 14	207+70	208+50	MEDIAN LT																									80.6	2.6	23.2	
US RTE 14	205+50	205+73	LT					95.6																				95.6	2.6	27.5	
US RTE 14	206+60	208+50	LT					206.3																				206.3	2.6	59.2	
US RTE 14	206+99	207+43	LT		43.8																							-	-	-	
US RTE 14	207+14	207+43	DRIVE LT		56.6																							-	-	-	
US RTE 14	207+44	207+95	DRIVE LT		69.4																							-	-	-	
US RTE 14	207+95	208+50	LT		50.0																							-	-	-	
US RTE 14	208+50	213+00	MEDIAN LT											450.8														450.8	2.6	129.3	
US RTE 14	208+50	213+00	LT					450.0																				450.0	2.6	129.0	
US RTE 14	211+57	211+94	DRIVE LT		44.8																							-	-	-	
US RTE 14	211+48	212+02	DRIVE LT			89.4																						89.4	0.6	5.8	
US RTE 14	213+00	213+85	MEDIAN LT											86.3														86.3	2.6	24.8	
US RTE 14	213+00	214+58	LT					157.9																				157.9	2.6	45.3	
US RTE 14	218+04	218+40	DRIVE LT		69.0		56.6																					56.6	1.6	10.1	
US RTE 14	221+24	221+38	LT		25.0		24.9																					24.9	1.6	4.5	
US RTE 14	222+61	222+83	LT		28.0		27.8																					27.8	1.6	5.0	
US RTE 14	237+40	237+44	LT		18.0		16.3																					16.3	2.6	4.8	
SUB-TOTAL 2:				0.0	404.6	89.4	109.3	1,009.6	0.0	42.0	785.3			0.0			0.0			109.2							0.0			560.3	
SUB-TOTAL 1:				212.0	1,891.4	438.6	2,166.7	2,866.4	1,820.0	130.0	132.7			598.0			985.0			87.8							8,124.0		528.0		2,640.7
TOTAL:				212.0	2,296.0	528.0	2,276.0	3,876.0	1,820.0	172.0	918.0			598.0			985.0			197.0							8,124.0		528.0		3,201.0

SCHEDULE OF TEMPORARY PAVEMENT MARKING AND REMOVAL

LOCATION								70300210	7030220	70300240	70300280	X7030005		
LOCATION								TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY PAVEMENT MARKING - LINE 24"	TEMPORARY PAVEMENT MARKING REMOVAL		
ROAD	START STATION	END STATION	SIDE	STAGE	LINE TYPE	MULTIPLIER	LENGTH	(SQ FT)	TOTAL	(FOOT)	(FOOT)	(FOOT)	WIDTH (FT)	(SQ FT)
HART	112+53	113+75	LT	1	WHITE SOLID	2	122.0			244.0			0.33	80.6
HART	112+78	112+97	LT	1	WHITE SOLID	2	36.0			72.0			0.33	23.8
HART	112+97	113+36	LT	1	WHITE SOLID	2	87.0			174.0			0.33	57.5
HART	113+75	119+50	LT	1	YELLOW SOLID	2	575.0			1150.0			0.33	379.5
HART	119+50	122+10	LT	1	YELLOW SOLID	2	260.0			520.0			0.33	171.6
HART	112+85	112+91	LT	1	TURN ARROW	2	-	7.0	14.0				-	14.0
HART	112+98	113+00	LT	1	TURN ARROW	2	-	7.0	14.0				-	14.0
HART	112+78	112+78	LT	1	WHITE STOP BAR	2	12.0					24.0	2.00	48.0
HART	112+88	113+02	LT	1	WHITE STOP BAR	2	14.0					28.0	2.00	56.0
U.S. RTE 14	197+97	201+00	RT	1	WHITE SOLID	2	303.0			606.0			0.33	200.0
U.S. RTE 14	197+97	201+00	RT	1	WHITE SKIP DASH	0.5	303.0			151.5			0.33	50.0
U.S. RTE 14	198+97	201+00	RT	1	YELLOW SOLID	2	203.0			406.0			0.33	134.0
U.S. RTE 14	201+00	205+50	RT	1	WHITE SOLID	2	450.0			900.0			0.33	297.0
U.S. RTE 14	201+00	205+50	RT	1	WHITE SKIP DASH	0.5	450.0			225.0			0.33	74.3
U.S. RTE 14	201+00	205+50	RT	1	YELLOW SOLID	2	450.0			900.0			0.33	297.0
U.S. RTE 14	203+47	205+50	LT	1	YELLOW SOLID	2	203.0			406.0			0.33	134.0
U.S. RTE 14	203+29	205+50	LT	1	WHITE SKIP DASH	0.5	221.0			110.5			0.33	36.5
U.S. RTE 14	204+17	205+50	LT	1	WHITE SOLID	2	133.0			266.0			0.33	87.8
U.S. RTE 14	205+50	206+48	RT	1	WHITE SOLID	2	98.0			196.0			0.33	64.7
U.S. RTE 14	205+50	206+47	RT	1	WHITE SKIP DASH	0.5	97.0			48.5			0.33	16.1
U.S. RTE 14	205+50	206+47	RT	1	YELLOW SOLID	2	115.0			230.0			0.33	75.9
U.S. RTE 14	206+47	206+48	RT	1	WHITE STOP BAR	2	22.0				44.0		2.00	88.0
U.S. RTE 14	205+50	206+05	LT	1	YELLOW SOLID	2	55.0			110.0			0.33	36.3
U.S. RTE 14	205+50	206+05	LT	1	WHITE SKIP DASH	0.5	55.0			27.5			0.33	9.1
U.S. RTE 14	205+50	205+75	LT	1	WHITE SOLID	2	25.0			50.0			0.33	16.5
U.S. RTE 14	206+65	208+50	LT	1	WHITE SOLID	2	221.0			442.0			0.33	145.9
U.S. RTE 14	207+42	208+50	LT	1	WHITE SKIP DASH	0.5	108.0			54.0			0.33	17.9
U.S. RTE 14	207+47	208+50	LT	1	WHITE SOLID	2	132.0			264.0			0.33	87.2
U.S. RTE 14	207+36	207+46	LT	1	WHITE STOP BAR	2	24.0				48.0		2.00	96.0
U.S. RTE 14	206+97	208+50	RT	1	WHITE SOLID	2	153.0			306.0			0.33	101.0
U.S. RTE 14	207+57	208+50	RT	1	WHITE SKIP DASH	0.5	93.0			46.5			0.33	15.4
U.S. RTE 14	208+50	209+35	RT	1	WHITE SOLID	2	85.0			170.0			0.33	56.1
SUB-TOTAL STAGE 1:								28.0	8,075.5	0.0	144.0		2,981.7	

SCHEDULE OF TEMPORARY PAVEMENT

LOCATION					Z0062458		44000100	
LOCATION					TEMPORARY PAVEMENT		PAVEMENT REMOVAL	
ROAD	START STATION	END STATION	SIDE	STAGE	AVG WIDTH (FT)	(SQ YD)	AVG WIDTH (FT)	(SQ YD)
U.S. RTE 14	198+93.5	203+20.5	RT	PRE-STAGE	2.9	139.5	2.9	139.5
U.S. RTE 14	203+29.4	206+24.2	LT	PRE-STAGE	2.0	67.1	2.0	67.1
U.S. RTE 14	210+95.4	217+41.5	LT	PRE-STAGE	3.2	229.4	3.2	229.4
TOTAL:						436.0		436.0

SCHEDULE OF TEMPORARY CONCRETE BARRIER

LOCATION					70400100	70400200	70600260	70600332	X7040125
LOCATION					TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	PINNING TEMPORARY CONCRETE BARRIER
ROAD	START STATION	END STATION	SIDE	STAGE	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)
U.S. RTE 14	198+84	208+84	RT	1	1,012.5		1		486.0
U.S. RTE 14	209+03	211+26	LT	1	225.0		1		108.0
U.S. RTE 14	212+08	217+59	LT	1	562.5		1		270.0
U.S. RTE 14	206+20	208+45	RT	2		225.5		1	109.0
U.S. RTE 14	207+52	214+83	LT	2		737.5		1	12.0
TOTAL:					1,800.0	963.0	3	2	985.0

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: 1:20 SHEET 10 OF 18 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	31
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

FILE NAME: G:\CH09\0176\Road\Sheet\15\08084-SCHEDULES.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

SCHEDULE OF TEMPORARY PAVEMENT MARKING AND REMOVAL (CONTINUED)

LOCATION								70300210	7030220	70300240	70300280	X7030005		
								TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY PAVEMENT MARKING - LINE 24"	TEMPORARY PAVEMENT MARKING REMOVAL		
ROAD	START STATION	END STATION	SIDE	STAGE	LINE TYPE	MULTIPLIER	LENGTH	(SQ FT)	TOTAL	(FOOT)	(FOOT)	(FOOT)	WIDTH (FT)	(SQ FT)
U.S. RTE 14	208+50	209+35	RT	1	WHITE SKIP DASH	0.5	85.0			42.5			0.33	14.1
U.S. RTE 14	208+50	213+00	LT	1	YELLOW SOLID	2	450.0			900.0			0.33	297.0
U.S. RTE 14	208+50	213+00	LT	1	WHITE SKIP DASH	0.5	450.0			225.0			0.33	74.3
U.S. RTE 14	208+50	213+00	LT	1	WHITE SOLID	2	450.0			900.0			0.33	297.0
U.S. RTE 14	213+00	217+33	LT	1	YELLOW SOLID	2	433.0			866.0			0.33	285.8
U.S. RTE 14	213+00	218+00	LT	1	WHITE SKIP DASH	0.5	500.0			250.0			0.33	82.5
U.S. RTE 14	213+00	218+00	LT	1	WHITE SOLID	2	500.0			1000.0			0.33	330.0
U.S. RTE 14	218+00	218+33	LT	1	WHITE SKIP DASH	0.5	33.0			17.0			0.33	5.7
U.S. RTE 14	218+00	218+33	LT	1	WHITE SOLID	2	33.0			66.0			0.33	21.8
HART	112+74	112+87	RT	2	WHITE SOLID	2	41.0			82.0			0.33	27.1
HART	111+93	112+65	RT	2	YELLOW SKIP DASH	0.5	76.0				38.0		0.50	19.0
HART	112+25	113+75	RT	2	YELLOW SOLID	2	158.0			316.0			0.33	104.3
HART	113+36	113+41	RT	2	TURN ARROW	2	-	11.0	22.0				-	22.0
HART	113+04	113+04	RT	2	WHITE STOP BAR	2	12.0				24.0		2.00	48.0
HART	113+75	114+48	RT	2	YELLOW SOLID	2	73.0			146.0			0.33	48.2
HART	114+48	119+50	RT	2	WHITE SOLID	2	502.0			1004.0			0.33	331.4
HART	119+50	123+28		2	WHITE SOLID	2	379.0			758.0			0.33	250.2
HART	121+79	123+08		2	YELLOW SOLID	2	130.0			260.0			0.33	85.8
U.S. RTE 14	197+97	201+00	RT	2	WHITE SOLID	2	303.0			606.0			0.33	200.0
U.S. RTE 14	197+97	201+00	RT	2	WHITE SKIP DASH	0.5	303.0			151.5			0.33	50.0
U.S. RTE 14	197+97	201+00	RT	2	YELLOW SOLID	2	303.0			606.0			0.33	200.0
U.S. RTE 14	201+00	205+50	RT	2	WHITE SOLID	2	450.0			900.0			0.33	297.0
U.S. RTE 14	201+00	205+50	RT	2	WHITE SKIP DASH	0.5	450.0			225.0			0.33	74.3
U.S. RTE 14	201+00	205+50	RT	2	YELLOW SOLID	2	450.0			900.0			0.33	297.0
U.S. RTE 14	203+29	205+50	LT	2	YELLOW SOLID	2	221.0			442.0			0.33	145.9
U.S. RTE 14	203+29	205+50	LT	2	WHITE SKIP DASH	0.5	221.0			110.5			0.33	36.5
U.S. RTE 14	204+18	205+50	LT	2	WHITE SOLID	2	132.0			264.0			0.33	87.2
U.S. RTE 14	205+50	208+50	RT	2	WHITE SOLID	2	300.0			600.0			0.33	198.0
U.S. RTE 14	205+50	206+48	RT	2	WHITE SKIP DASH	0.5	98.0			49.0			0.33	16.2
U.S. RTE 14	205+50	206+61	RT	2	YELLOW SOLID	2	161.0			322.0			0.33	106.3
U.S. RTE 14	206+47	206+50	RT	2	WHITE STOP BAR	2	22.0				44.0		2.00	88.0
U.S. RTE 14	205+50	206+61	LT	2	YELLOW SOLID	2	111.0			222.0			0.33	73.3
U.S. RTE 14	205+50	206+61	LT	2	WHITE SKIP DASH	0.5	111.0			55.5			0.33	18.4
U.S. RTE 14	205+50	206+36	LT	2	WHITE SOLID	2	86.0			172.0			0.33	56.8
U.S. RTE 14	207+40	208+50	LT	2	WHITE SKIP DASH	0.5	110.0			55.0			0.33	18.2
U.S. RTE 14	207+21	208+50	LT	2	YELLOW SOLID	2	135.0			270.0			0.33	89.1
U.S. RTE 14	207+21	208+50		2	YELLOW SOLID	2	141.0			282.0			0.33	93.1
U.S. RTE 14	207+34	207+45	LT	2	WHITE STOP BAR	2	24.0				48.0		2.00	96.0
U.S. RTE 14	208+12	208+50	LT	2	WHITE SKIP DASH	0.5	39.0			19.5			0.33	6.5
U.S. RTE 14	207+22	208+50	LT	2	WHITE SOLID	2	134.0			268.0			0.33	88.5
U.S. RTE 14	208+50	209+35	RT	2	WHITE SOLID	2	85.0			170.0			0.33	56.1
U.S. RTE 14	208+50	209+35	RT	2	WHITE SKIP DASH	0.5	85.0			42.5			0.33	14.1
U.S. RTE 14	208+50	209+12	RT	2	YELLOW SOLID	2	62.0			124.0			0.33	41.0
U.S. RTE 14	208+50	213+00	LT	2	YELLOW SOLID	2	450.0			900.0			0.33	297.0
U.S. RTE 14	208+50	213+00	LT	2	WHITE SKIP DASH	0.5	450.0			225.0			0.33	74.3
U.S. RTE 14	208+50	208+52	LT	2	WHITE SOLID	2	46.0			92.0			0.33	30.4
U.S. RTE 14	208+86	211+58	LT	2	WHITE SOLID	2	363.0			726.0			0.33	239.6
U.S. RTE 14	211+92	213+00	LT	2	WHITE SOLID	2	146.0			292.0			0.33	96.4
U.S. RTE 14	213+00	217+42	LT	2	YELLOW SOLID	2	447.0			894.0			0.33	295.1
U.S. RTE 14	213+00	218+00	LT	2	WHITE SKIP DASH	0.5	500.0			250.0			0.33	82.5
U.S. RTE 14	213+00	218+00	LT	2	WHITE SOLID	2	500.0			1000.0			0.33	330.0
U.S. RTE 14	218+00	218+33	LT	2	WHITE SKIP DASH	0.5	33.0			16.5			0.33	5.5
U.S. RTE 14	218+00	218+33	LT	2	WHITE SOLID	2	33.0			66.0			0.33	21.8
SUB-TOTAL STAGE 2:								22.0	18,150.5	38.0	116.0	6,264.3		
SUB-TOTAL STAGE 1:								28.0	8,075.5	0.0	144.0	2,981.7		
TOTAL:								50.0	26,226.0	38.0	260.0	9,246.0		

SCHEDULE OF TEMPORARY INFORMATION SIGNING

LOCATION					Z0030850		
					TEMPORARY INFORMATION SIGNING		
ROAD	START STATION	SIDE	STAGE	SIGN TYPE	LENGTH (INCH)	WIDTH (INCH)	AREA (SQ FT)
HART	114+40	RT	1	IDOT DRIVE	30.0	30.0	6.3
HART	116+30	RT	1	IDOT DRIVE	30.0	30.0	6.3
HART	117+06	RT	1	IDOT DRIVE	30.0	30.0	6.3
HART	118+64	LT	1,2	IDOT DRIVE	30.0	30.0	6.3
HART	121+47	RT	1	IDOT DRIVE	30.0	30.0	6.4
U.S. RTE 14	208+08	LT	1	IDOT DRIVE	30.0	30.0	6.4
U.S. RTE 14	209+15	LT	2	IDOT DRIVE	30.0	30.0	6.4
U.S. RTE 14	212+13	LT	1	IDOT DRIVE	30.0	30.0	6.4
U.S. RTE 14	212+28	LT	2	IDOT DRIVE	30.0	30.0	6.4
U.S. RTE 14	218+54	LT	1,2	IDOT DRIVE	30.0	30.0	6.4
U.S. RTE 14	232+30	LT	1,2	IDOT DRIVE	30.0	30.0	6.4
TOTAL:					70.0		

SCHEDULE OF INLET FILTERS

LOCATION				28000510
				INLET FILTERS
ROAD	START STATION	END STATION	SIDE	(EACH)
HART	90+00	95+00	RT	
HART	95+00	100+00	RT	
HART	100+00	105+00	RT	7.0
HART	105+00	109+50	LT	17.0
HART	109+50	114+50	LT	19.0
HART	114+50	119+50	LT	7.0
HART	119+50	124+00	LT	4.0
U.S. RTE 14	197+00	201+00	LT	
U.S. RTE 14	201+00	205+50	LT	
U.S. RTE 14	205+50	208+50	LT	
U.S. RTE 14	208+50	213+00	RT	4.0
U.S. RTE 14	213+00	218+00	LT	
U.S. RTE 14	218+00	223+50	LT	
U.S. RTE 14	223+50	229+00	LT	
U.S. RTE 14	229+00	234+00	LT	
U.S. RTE 14	234+00	239+00	LT	
TOTAL:				58.0

SCHEDULE OF PERIMETER EROSION BARRIER

LOCATION				28000400
				PERIMETER EROSION BARRIER
ROAD	START STATION	END STATION	SIDE	(FOOT)
HART	116+14	116+66	RT	51.0
HART	116+90	121+18	RT	448.0
HART	121+29	123+64	RT	275.0
HART	96+74	102+87	LT	612.0
HART	103+26	105+00	LT	199.0
HART	107+00	108+65	LT	265.0
HART	108+73	110+74	LT	336.0
HART	110+93	111+41	LT	48.0
HART	113+58	118+08	LT	462.0
HART	118+51	119+50	LT	99.0
U.S. RTE 14	200+00	206+55	RT	655.0
U.S. RTE 14	204+00	205+62	LT	162.0
U.S. RTE 14	211+92	213+56	LT	164.0
U.S. RTE 14	213+82	214+44	LT	62.0
U.S. RTE 14	214+56	218+00	LT	344.0
U.S. RTE 14	218+47	221+41	LT	288.0
U.S. RTE 14	225+50	231+39	LT	577.0
TOTAL:				5047.0

SCHEDULE OF STABILIZED CONSTRUCTION ENTRANCE

LOCATION					Z0013797			
					STABILIZED CONSTRUCTION ENTRANCE			
ROAD	START STATION	END STATION	SIDE	STAGE	NO. OF ENTRANCES	LENGTH (FT)	WIDTH (FT)	(SQ YD)
HART	99+84	100+54	RT/LT	1	1	70.0	14.0	108.9
HART	110+63	111+33	RT/LT	1	1	70.0	14.0	108.9
HART	112+88	113+58	RT	1	1	70.0	14.0	108.9
HART	123+05	123+75	RT	1	1	70.0	14.0	108.9
U.S. RTE 14	200+22	200+92	RT	1	1	70.0	14.0	108.9
U.S. RTE 14	204+06	204+76	LT	1	1	70.0	14.0	108.9
U.S. RTE 14	206+99	207+69	LT	1	1	70.0	14.0	108.9
U.S. RTE 14	223+10	223+80	LT	1	1	70.0	14.0	108.9
HART	120+40	121+10	LT	2	1	70.0	14.0	108.9
U.S. RTE 14	213+32	214+02	LT	2	1	70.0	14.0	108.9
TOTAL:					1,089.0			

SCHEDULE OF DITCH EROSION CONTROL AND RELATED ITEMS

LOCATION				28000305			XX008865			X2800500
				TEMPORARY DITCH CHECKS			PERMEABLE PLASTIC BERM			INLET PROTECTION, SPECIAL
ROAD	START STATION	END STATION	SIDE	NO. OF INSTALLATIONS	UNITS PER INSTALLATION	(FOOT)	NO. OF INSTALLATIONS	UNITS PER INSTALLATION	(FOOT)	(EACH)
HART	93+18	100+24	RT	7	2	98.0	7	5	115.5	
HART	103+81	105+25	RT	1	2	14.0	1	5	16.5	1.0
HART	105+97	109+28	RT	2	2	28.0	2	5	33.0	1.0
HART	123+71	123+81	RT	1	2	14.0	1	5	16.5	
HART	93+06	95+50	LT	2	2	28.0	2	5	33.0	
HART	97+50	100+50	LT	3	2	42.0	3	5	49.5	
HART	104+00	107+00	LT	5	2	70.0	5	5	82.5	
HART	119+32	121+23	LT	2	2	28.0	2	5	33.0	
HART	121+23	123+52	LT	2	2	28.0	2	5	33.0	1.0
U.S. RTE 14	200+00	206+55	RT	7	2	98.0	7	5		

SUMMARY OF STORM SEWER AND RELATED ITEMS (1)

LOCATION			54010402	54010403	54010503	542A0229	542A8245	550A0050	550A0070	550A0090	550A0120	550A0140	550A0340	550A0380	550A0410	550A0430	550A0540	550A2320	550A2330	550A2340	550A2360	550A2380	550A2520	550A2530	550A4100	550A4900	Z0056608	Z0056610	
ROAD	START STATION	END STATION	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
HART	90+00	95+00																											
HART	95+00	100+00			248.0														92.0	9.0									
HART	100+00	105+00			395.0	43.0					68.0		105.6								212.0						21.1		
HART	105+00	109+50	561.0		25.0		110.0	68.0					237.0	9.0															
HART	109+50	114+50						56.0				30.0	327.7									30.0	27.0	21.0			2.7	87.0	
HART	114+50	119+50						7.6					28.1					3.0								85.0	103.0	67.0	
HART	119+50	124+00						11.4	2.0																7.0	327.0			
U.S. RTE 14	197+00	201+00																											
U.S. RTE 14	201+00	205+50									76.0			46.0															
U.S. RTE 14	205+50	208+50																											
U.S. RTE 14	208+50	213+00											2.1		336.0	291.0							58.0				22.2		
U.S. RTE 14	213+00	218+00		52.0									7.1		232.0														
U.S. RTE 14	218+00	223+50											2.4																
U.S. RTE 14	223+50	229+00																											
U.S. RTE 14	229+00	234+00								109.0																			
U.S. RTE 14	234+00	239+00																			20.0								
TOTAL:			561.0	52.0	668.0	43.0	110.0	143.0	2.0	109.0	144.0	30.0	710.0	55.0	568.0	605.0	481.0	3.0	94.0	9.0	232.0	30.0	85.0	21.0	7.0	412.0	149.0	154.0	

SUMMARY OF STORM SEWER AND RELATED ITEMS (2)

LOCATION			Z0056612	Z0056616	X5400304	X5400303	550A5100	20800150
ROAD	START STATION	END STATION	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(CU YD)
HART	90+00	95+00	80.0					6.0
HART	95+00	100+00	167.4					723.0
HART	100+00	105+00			87.0			834.0
HART	105+00	109+50						541.0
HART	109+50	114+50						263.0
HART	114+50	119+50						514.0
HART	119+50	124+00						355.0
U.S. RTE 14	197+00	201+00						
U.S. RTE 14	201+00	205+50						16.0
U.S. RTE 14	205+50	208+50						
U.S. RTE 14	208+50	213+00				30.0		660.0
U.S. RTE 14	213+00	218+00				35.0		592.0
U.S. RTE 14	218+00	223+50	282.0					266.0
U.S. RTE 14	223+50	229+00	422.6					
U.S. RTE 14	229+00	234+00						18.0
U.S. RTE 14	234+00	239+00		230.0				176.0
TOTAL:			952.0	230.0	87.0	35.0	30.0	4,964.0

FILE NAME: G:\CH09\0176\Road\Sheets\108084-SCHEDULES.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: 1:20	SHEET 16 OF 18 SHEETS	STA. TO STA.
-------------	-----------------------	--------------

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	37
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF THERMOPLASTIC PAVEMENT MARKING (CONTINUED)

Table with columns for LOCATION (ROAD, START STATION, END STATION, SIDE, LENGTH, TYPE, MULT.), 78000100, 78000200, 78000300, 78000400, 78000500, 78000600, 78000650, X7830060, X7830070, X7830072, X7830074, X7830076, X7830078, X7830090, 70300100, 70300150, 70300904, X7030005. Includes rows for various road projects like HART, U.S. RTE 14, etc.

Summary table with rows: SUB-TOTAL 2, SUB-TOTAL 1, TOTAL. Columns: (SQ FT), QTY, TOTAL for marking types; SHORT TERM PAVEMENT MARKING; SHORT TERM PAVEMENT MARKING REMOVAL; PAVEMENT MARKING TAPE; TEMPORARY PAVEMENT MARKING REMOVAL.



Project information table including USER NAME: amkidd, DESIGNED: JLV, DRAWN: AMK, REVISIONS, PLOT SCALE: 40.00' / 1", PLOT DATE: 5/22/2019, DATE: 5/22/2019.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES table with columns: SCALE: 1:20, SHEET 18 OF 18 SHEETS, STA. TO STA.

FAU RTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO., ILLINOIS FED. AID PROJECT. Values: 2549, 09-00174-05-CH, LAKE, 423, 39, CONTRACT NO. 6ID65.

FILE NAME: G:\CH09\0176_Road\Sheets\180804-SCHEDULES.dgn

FILE NAME: G:\CH09\0176\Road\Sheets\108084-EARTHWORK.dgn

Station	Earth Exc (ft2) <small>(SEE NOTE 1)</small>	Embankment (ft2)	Unsuitable Exc (ft2)	UnderCut (ft2)	PGE (ft2)	Length (ft) A	Avg End Area					Volume							
							Earth Exc (ft2) B	Embankment (ft2) C	Unsuitable Exc Removal (ft2) D	UnderCut (ft2) E	PGE (ft2) F	Earth Exc (yd3) G=(A*B)/27	Exc to be used in embankment (15% shrinkage) H=G * 0.85	Embankment (yd3) I=(A*C)/27	Difference (yd3) Excess (+) Furnished Exc (-) J=H-I	Unsuitable Exc (yd3) K=(A*D)/27	Under Cut (yd3) L=(A*E)/27	PGE (yd3) M=(A*F)/27	
							92+00.00	0	0	0	0	0							
92+20.00	0	0	0	0	0	20.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0
93+00.00	0	13	6	0	0	80.00	0.00	6.50	3.00	0.00	0.00	0	0	19	-19	9	0	0	
93+50.00	29	33	14	0	0	50.00	14.50	23.00	10.00	0.00	0.00	27	23	43	-20	19	0	0	
94+00.00	23	44	15	0	0	50.00	26.00	38.50	14.50	0.00	0.00	48	41	71	-30	27	0	0	
94+50.00	20	64	16	0	0	50.00	21.50	54.00	15.50	0.00	0.00	40	34	100	-66	29	0	0	
95+00.00	27	69	20	0	0	50.00	23.50	66.50	18.00	0.00	0.00	44	37	123	-86	33	0	0	
95+50.00	26	64	19	0	0	50.00	26.50	66.50	19.50	0.00	0.00	49	42	123	-81	36	0	0	
96+00.00	10	45	13	0	0	50.00	18.00	54.50	16.00	0.00	0.00	33	28	101	-73	30	0	0	
96+50.00	8	49	11	0	0	50.00	9.00	47.00	12.00	0.00	0.00	17	14	87	-73	22	0	0	
97+00.00	83	45	24	0	0	50.00	45.50	47.00	17.50	0.00	0.00	84	71	87	-16	32	0	0	
97+03.48	45	77	25	0	0	58.59	64.00	61.00	24.50	0.00	0.00	139	118	132	-14	53	0	0	
97+50.00	43	48	19	0	0	46.52	44.00	62.50	22.00	0.00	0.00	76	65	108	-43	38	0	0	
98+00.00	48	43	18	0	0	50.00	45.50	45.50	18.50	0.00	0.00	84	71	84	-13	34	0	0	
98+50.00	55	43	20	0	0	50.00	51.50	43.00	19.00	0.00	0.00	95	81	80	1	35	0	0	
99+00.00	56	39	19	0	0	50.00	55.50	41.00	19.50	0.00	0.00	103	88	76	12	36	0	0	
99+50.00	48	41	19	0	0	50.00	52.00	40.00	19.00	0.00	0.00	96	82	74	8	35	0	0	
100+00.00	52	68	23	0	0	50.00	50.00	54.50	21.00	0.00	0.00	93	79	101	-22	39	0	0	
100+50.00	60	89	24	0	0	50.00	56.00	78.50	23.50	0.00	0.00	104	88	145	-57	44	0	0	
101+00.00	39	61	20	0	0	50.00	49.50	75.00	22.00	0.00	0.00	92	78	139	-61	41	0	0	
101+50.00	81	59	25	0	0	50.00	60.00	60.00	22.50	0.00	0.00	111	94	111	-17	42	0	0	
102+00.00	73	57	25	0	0	50.00	77.00	58.00	25.00	0.00	0.00	143	122	107	15	46	0	0	
102+50.00	36	45	22	0	0	50.00	54.50	51.00	23.50	0.00	0.00	101	86	94	-8	44	0	0	
103+00.00	24	66	34	0	0	50.00	30.00	55.50	28.00	0.00	0.00	56	48	103	-55	52	0	0	
103+16.51	25	60	39	0	0	16.51	24.50	63.00	36.50	0.00	0.00	15	13	39	-26	22	0	0	
103+50.00	29	48	25	0	0	33.49	27.00	54.00	32.00	0.00	0.00	33	28	67	-39	40	0	0	
104+00.00	41	74	30	0	0	50.00	35.00	61.00	27.50	0.00	0.00	65	55	113	-58	51	0	0	
104+50.00	46	83	29	0	0	50.00	43.50	78.50	29.50	0.00	0.00	81	69	145	-76	55	0	0	
105+00.00	91	83	35	0	0	50.00	68.50	83.00	32.00	0.00	0.00	127	108	154	-46	59	0	0	
105+50.00	159	91	39	0	0	50.00	125.00	87.00	37.00	0.00	0.00	231	196	161	35	69	0	0	
105+73.09	119	293	44	0	0	23.09	139.00	192.00	41.50	0.00	0.00	119	101	164	-63	35	0	0	
106+00.00	124	236	43	0	0	26.91	121.50	264.50	43.50	0.00	0.00	121	103	264	-161	43	0	0	
106+25.00	110	262	43	0	0	25.00	117.00	249.00	43.00	0.00	0.00	108	92	231	-139	40	0	0	
106+50.00	75	267	45	70	70	25.00	92.50	264.50	44.00	35.00	35.00	86	73	245	-172	41	32	32	
106+75.00	54	214	45	70	70	25.00	64.50	240.50	45.00	70.00	70.00	60	51	223	-172	42	65	65	
107+00.00	30	186	35	70	70	25.00	42.00	200.00	40.00	70.00	70.00	39	33	185	-152	37	65	65	
107+50.00	60	79	34	70	69	50.00	45.00	132.50	34.50	70.00	69.50	83	71	245	-174	64	130	129	
108+00.00	85	47	33	70	15	50.00	72.50	63.00	33.50	70.00	42.00	134	114	117	-3	62	130	78	
108+50.00	5	131	37	70	70	50.00	45.00	89.00	35.00	70.00	42.50	83	71	165	-94	65	130	79	
108+65.06	11	287	62	0	0	15.06	8.00	209.00	49.50	35.00	35.00	4	3	117	-114	28	20	20	
109+00.00	6	582	44	0	0	34.94	8.50	434.50	53.00	0.00	0.00	11	9	562	-553	69	0	0	

NOTE 1
END AREAS FOR EARTH EXCAVATION DO NOT INCLUDE
UNSUITABLE MATERIAL OR UNDERCUT.



USER NAME = bmsetzke	DESIGNED - JLJ	REVISED -
PLOT SCALE = 54.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 7/9/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
HART ROAD EARTHWORK

SCALE: 1:20 SHEET 1 OF 4 SHEETS STA. TO STA.

FAU RTE. 2549	SECTION 09-00174-05-CH	COUNTY LAKE	TOTAL SHEETS 423	SHEET NO. 40
CONTRACT NO. 6ID65				ILLINOIS FED. AID PROJECT

FILE NAME: G:\CH09\0176\Road\Sheets\108084-EARTHWORK.dgn

Station	Earth Exc (ft2) (SEE NOTE 1)	Embankment (ft2)	Unsuitable Exc (ft2)	UnderCut (ft2)	PGE (ft2)	Length (ft) A	Avg End Area					Volume						
							Earth Exc (ft2) B	Embankment (ft2) C	Unsuitable Exc Removal (ft2) D	UnderCut (ft2) E	PGE (ft2) F	Earth Exc (yd3) G=(A*B)/27	Exc to be used in embankment (15% shrinkage) H=G * 0.85	Embankment (yd3) I=(A*C)/27	Difference (yd3) Excess (+) Furnished Exc (-) J=H-I	Unsuitable Exc (yd3) K=(A*D)/27	Under Cut (yd3) L=(A*E)/27	PGE (yd3) M=(A*F)/27
							109+12.66	4	679	44	0	0	12.66	5.00	630.50	44.00	0.00	0.00
109+50.00	9	779	48	94	94	37.34	6.50	729.00	46.00	47.00	47.00	9	8	1,008	-1,000	64	65	65
110+00.00	14	802	44	120	120	50.00	11.50	790.50	46.00	107.00	107.00	21	18	1,464	-1,446	85	198	198
110+18.00	14	569	52	0	0	18.00	14.00	685.50	48.00	60.00	60.00	9	8	457	-449	32	40	40
110+25.77	18	465	45	0	0	7.77	16.00	517.00	48.50	0.00	0.00	5	4	149	-145	14	0	0
110+50.00	24	204	37	0	0	24.23	21.00	334.50	41.00	0.00	0.00	19	16	300	-284	37	0	0
111+00.00	50	139	28	0	0	50.00	37.00	171.50	32.50	0.00	0.00	69	59	318	-259	60	0	0
111+22.23	27	127	22	0	0	22.23	38.50	133.00	25.00	0.00	0.00	32	27	110	-83	21	0	0
113+00.00	86	0	2	0	0	177.77	56.50	63.50	12.00	0.00	0.00	372	316	418	-102	79	0	0
113+50.00	107	2	15	0	0	50.00	96.50	1.00	8.50	0.00	0.00	179	152	2	150	16	0	0
114+00.00	86	3	13	30	6	50.00	96.50	2.50	14.00	15.00	3.00	179	152	5	147	26	28	6
114+50.00	50	23	17	30	13	50.00	68.00	13.00	15.00	30.00	9.50	126	107	24	83	28	56	18
115+00.00	47	5	10	30	14	50.00	48.50	14.00	13.50	30.00	13.50	90	77	26	51	25	56	25
115+22.52	50	0	10	30	16	22.52	48.50	2.50	10.00	30.00	15.00	40	34	2	32	8	25	13
115+50.00	43	4	8	30	20	27.48	46.50	2.00	9.00	30.00	18.00	47	40	2	38	9	31	18
116+00.00	42	1	10	0	0	50.00	42.50	2.50	9.00	15.00	10.00	79	67	5	62	17	28	19
116+50.00	42	13	4	0	0	50.00	42.00	7.00	7.00	0.00	0.00	78	66	13	53	13	0	0
116+76.92	57	0	9	0	0	26.92	49.50	6.50	6.50	0.00	0.00	49	42	6	36	6	0	0
117+00.00	48	6	8	0	0	23.08	52.50	3.00	8.50	0.00	0.00	45	38	3	35	7	0	0
117+50.00	36	9	8	0	0	50.00	42.00	7.50	8.00	0.00	0.00	78	66	14	52	15	0	0
118+00.00	9	26	9	0	0	50.00	22.50	17.50	8.50	0.00	0.00	42	36	32	4	16	0	0
118+30.20	7	34	8	0	0	30.20	8.00	30.00	8.50	0.00	0.00	9	8	34	-26	10	0	0
118+50.00	10	36	8	0	0	19.80	8.50	35.00	8.00	0.00	0.00	6	5	26	-21	6	0	0
119+00.00	25	28	10	0	0	50.00	17.50	32.00	9.00	0.00	0.00	32	27	59	-32	17	0	0
119+50.00	43	48	12	0	0	50.00	34.00	38.00	11.00	0.00	0.00	63	54	70	-16	20	0	0
120+00.00	42	55	15	0	0	50.00	42.50	51.50	13.50	0.00	0.00	79	67	95	-28	25	0	0
120+50.00	25	71	15	0	0	50.00	33.50	63.00	15.00	0.00	0.00	62	53	117	-64	28	0	0
121+00.00	34	36	13	0	0	50.00	29.50	53.50	14.00	0.00	0.00	55	47	99	-52	26	0	0
121+22.58	27	1	9	0	0	22.58	30.50	18.50	11.00	0.00	0.00	26	22	15	7	9	0	0
121+50.00	7	12	5	0	0	27.42	17.00	6.50	7.00	0.00	0.00	17	14	7	7	7	0	0
122+00.00	7	11	5	0	0	50.00	7.00	11.50	5.00	0.00	0.00	13	11	21	-10	9	0	0
122+50.00	7	14	5	0	0	50.00	7.00	12.50	5.00	0.00	0.00	13	11	23	-12	9	0	0
123+00.00	7	5	3	0	0	50.00	7.00	9.50	4.00	0.00	0.00	13	11	18	-7	7	0	0
123+50.00	7	8	5	0	0	50.00	7.00	6.50	4.00	0.00	0.00	13	11	12	-1	7	0	0
							TOTAL					5,006	4,256	10,555	-6,299	2,377	1,099	870

NOTE 1
 END AREAS FOR EARTH EXCAVATION DO NOT INCLUDE
 UNSUITABLE MATERIAL OR UNDERCUT.



USER NAME = bmsetzke	DESIGNED - JLJ	REVISED -
PLOT SCALE = 54.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 7/9/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
 HART ROAD EARTHWORK**

SCALE: 1:20 SHEET 2 OF 4 SHEETS STA. TO STA.

FAU RTE. 2549	SECTION 09-00174-05-CH	COUNTY LAKE	TOTAL SHEETS 423	SHEET NO. 41
CONTRACT NO. 61D65			ILLINOIS FED. AID PROJECT	

FILE NAME: G:\CH09-0176-Road\Sheet\180804-EARTHWORK.dgn

Station	Earth Exc (ft2)	Embankment (ft2)	Unsuitable Exc (ft2)	Length (ft) A	Avg End Area			Volume				
					Earth Exc (ft2) B	Embankment (ft2) C	Unsuitable Exc Removal (ft2) D	Earth Exc (yd3) E=(A*B)/27	Exc to be used in embankment (15% shrinkage) (yd3) F=E * 0.85	Embankment (yd3) G=(A*C)/27	Difference (yd3) Excess (+) Furnished Exc (-) H=F-G	Unsuitable Exc (yd3) I=(A*D)/27
200+50.00	12	23	12									
201+00.00	15	27	19	50.00	13.50	25.00	15.50	25	21	46	-25	29
201+50.00	19	26	12	50.00	17.00	26.50	15.50	31	26	49	-23	29
201+79.15	21	30	12	29.15	20.00	28.00	12.00	22	19	30	-11	13
202+00.00	22	37	13	20.85	21.50	33.50	12.50	17	14	26	-12	10
202+50.00	32	52	15	50.00	27.00	44.50	14.00	50	43	82	-39	26
203+00.00	32	51	17	50.00	32.00	51.50	16.00	59	50	95	-45	30
203+50.00	32	50	20	50.00	32.00	50.50	18.50	59	50	94	-44	34
204+00.00	30	55	19	50.00	31.00	52.50	19.50	57	48	97	-49	36
204+50.00	47	86	32	50.00	38.50	70.50	25.50	71	60	131	-71	47
205+00.00	45	61	26	50.00	46.00	73.50	29.00	85	72	136	-64	54
205+50.00	54	52	23	50.00	49.50	56.50	24.50	92	78	105	-27	45
206+00.00	57	56	22	50.00	55.50	54.00	22.50	103	88	100	-12	42
206+50.00	72	116	23	50.00	64.50	86.00	22.50	119	101	159	-58	42
207+00.00	38	90	38	50.00	55.00	103.00	30.50	102	87	191	-104	56
207+50.00	94	8	24	50.00	66.00	49.00	31.00	122	104	91	13	57
208+00.00	42	75	27	50.00	68.00	41.50	25.50	126	107	77	30	47
208+50.00	45	112	53	50.00	43.50	93.50	40.00	81	69	173	-104	74
208+63.80	46	93	54	13.80	45.50	102.50	53.50	23	20	52	-32	27
209+00.00	47	48	35	36.20	46.50	70.50	44.50	62	53	95	-42	60
209+50.00	58	38	39	50.00	52.50	43.00	37.00	97	82	80	2	69
210+00.00	53	65	38	50.00	55.50	51.50	38.50	103	88	95	-7	71
210+50.00	70	118	49	50.00	61.50	91.50	43.50	114	97	169	-72	81
211+00.00	59	129	43	50.00	64.50	123.50	46.00	119	101	229	-128	85
211+50.00	63	53	42	50.00	61.00	91.00	42.50	113	96	169	-73	79
211+76.95	76	11	35	26.95	69.50	32.00	38.50	69	59	32	27	38
212+00.00	60	80	32	23.05	68.00	45.50	33.50	58	49	39	10	29
212+50.00	52	170	34	50.00	56.00	125.00	33.00	104	88	231	-143	61
213+00.00	45	149	27	50.00	48.50	159.50	30.50	90	77	295	-218	56
213+02.46	85	137	30	2.46	65.00	143.00	28.50	6	5	13	-8	3
213+50.00	45	114	24	47.54	65.00	125.50	27.00	114	97	221	-124	48
214+00.00	27	127	22	50.00	36.00	120.50	23.00	67	57	223	-166	43
214+50.00	23	108	19	50.00	25.00	117.50	20.50	46	39	218	-179	38
215+00.00	17	97	22	50.00	20.00	102.50	20.50	37	31	190	-159	38
215+50.00	11	27	28	50.00	14.00	62.00	25.00	26	22	115	-93	46
216+00.00	15	5	27	50.00	13.00	16.00	27.50	24	20	30	-10	51
216+50.00	16	0	21	50.00	15.50	2.50	24.00	29	25	5	20	44
217+00.00	13	3	20	50.00	14.50	1.50	20.50	27	23	3	20	38
217+50.00	6	2	20	50.00	9.50	2.50	20.00	18	15	5	10	37
218+00.00	4	1	18	50.00	5.00	1.50	19.00	9	8	3	5	35



USER NAME = bmsetzke	DESIGNED - JLJ	REVISED -
	DRAWN - AMK	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - JWC	REVISED -
PLOT DATE = 7/9/2019	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
U.S. ROUTE 14**

SCALE: 1:20 SHEET 3 OF 4 SHEETS STA. TO STA.

FAU RTE. 2549	SECTION 09-00174-05-CH	COUNTY LAKE	TOTAL SHEETS 423	SHEET NO. 42
CONTRACT NO. 61D65			ILLINOIS FED. AID PROJECT	

Station	Earth Exc (ft2)	Embankment (ft2)	Unsuitable Exc (ft2)	Length (ft)	Avg End Area			Volume				
					Earth Exc (ft2)	Embankment (ft2)	Unsuitable Exc Removal (ft2)	Earth Exc (yd3)	Exc to be used in embankment (15% shrinkage) (yd3)	Embankment (yd3)	Difference (yd3) Excess (+) Furnished Exc (-)	Unsuitable Exc (yd3)
					A	B	C	D	E=(A*B)/27	F=E * 0.85	G=(A*C)/27	H=F-G
218+50.00	20	0	17	50.00	12.00	0.50	17.50	22	19	1	18	32
219+00.00	7	2	18	50.00	13.50	1.00	17.50	25	21	2	19	32
219+50.00	7	5	20	50.00	7.00	3.50	19.00	13	11	6	5	35
220+00.00	2	3	19	50.00	4.50	4.00	19.50	8	7	7	0	36
220+50.00	0	6	19	50.00	1.00	4.50	19.00	2	2	8	-6	35
221+00.00	10	37	18	50.00	5.00	21.50	18.50	9	8	40	-32	34
223+00.00	10	1	15	200.00	10.00	19.00	16.50	74	63	141	-78	122
223+50.00	16	47	18	50.00	13.00	24.00	16.50	24	20	44	-24	31
224+00.00	18	45	19	50.00	17.00	46.00	18.50	31	26	85	-59	34
224+50.00	4	40	16	50.00	11.00	42.50	17.50	20	17	79	-62	32
225+00.00	2	23	16	50.00	3.00	31.50	16.00	6	5	58	-53	30
225+50.00	0	14	15	50.00	1.00	18.50	15.50	2	2	34	-32	29
226+00.00	3	2	15	50.00	1.50	8.00	15.00	3	3	15	-12	28
226+50.00	5	2	17	50.00	4.00	2.00	16.00	7	6	4	2	30
227+00.00	3	3	17	50.00	4.00	2.50	17.00	7	6	5	1	31
227+50.00	8	3	19	50.00	5.50	3.00	18.00	10	9	6	3	33
228+00.00	25	1	20	50.00	16.50	2.00	19.50	31	26	4	22	36
228+50.00	20	2	18	50.00	22.50	1.50	19.00	42	36	3	33	35
229+00.00	20	0	19	50.00	20.00	1.00	18.50	37	31	2	29	34
229+50.00	15	1	20	50.00	17.50	0.50	19.50	32	27	1	26	36
230+00.00	12	0	19	50.00	13.50	0.50	19.50	25	21	1	20	36
230+50.00	1	1	8	50.00	6.50	0.50	13.50	12	10	1	9	25
231+00.00	0	8	8	50.00	0.50	4.50	8.00	1	1	8	-7	15
232+00.00	3	0	8	100.00	1.50	4.00	8.00	6	5	15	-10	30
232+50.00	7	0	8	50.00	5.00	0.00	8.00	9	8	0	8	15
233+00.00	9	7	20	50.00	8.00	3.50	14.00	15	13	6	7	26
233+50.00	1	41	18	50.00	5.00	24.00	19.00	9	8	44	-36	35
234+00.00	6	36	23	50.00	3.50	38.50	20.50	6	5	71	-66	38
234+50.00	12	59	23	50.00	9.00	47.50	23.00	17	14	88	-74	43
235+00.00	9	61	22	50.00	10.50	60.00	22.50	19	16	111	-95	42
235+50.00	18	31	21	50.00	13.50	46.00	21.50	25	21	85	-64	40
236+00.00	31	17	21	50.00	24.50	24.00	21.00	45	38	44	-6	39
236+50.00	0	30	12	50.00	15.50	23.50	16.50	29	25	44	-19	31
237+00.00	2	0	7	50.00	1.00	15.00	9.50	2	2	28	-26	18
TOTAL								3,201	2,721	5,285	-2,564	2,926

FILE NAME: G:\CH09\0176\Road\Sheets\108084-EARTHWORK.dgn



USER NAME = bmsetzke	DESIGNED - JLW	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 7/9/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
U.S. ROUTE 14**

SCALE: 1:20 SHEET 4 OF 4 SHEETS STA. TO STA.

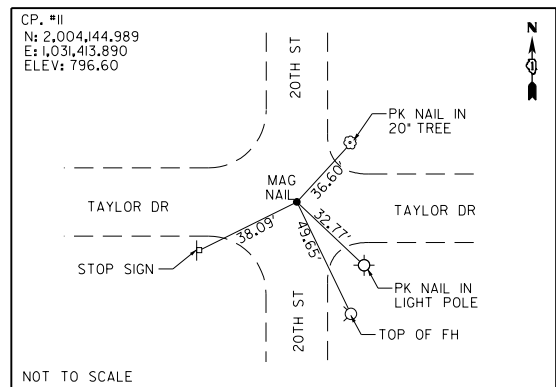
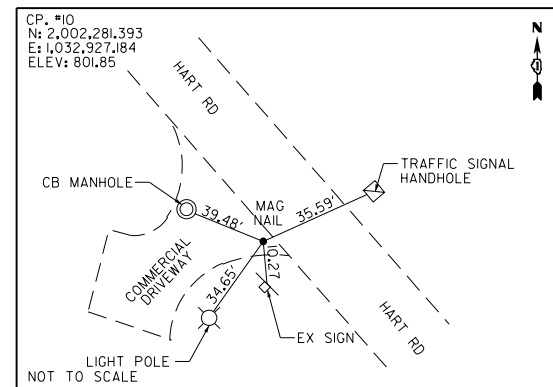
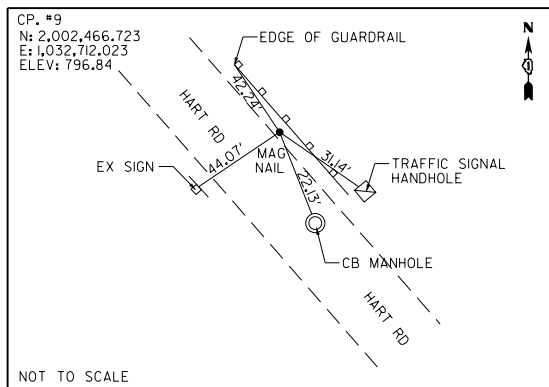
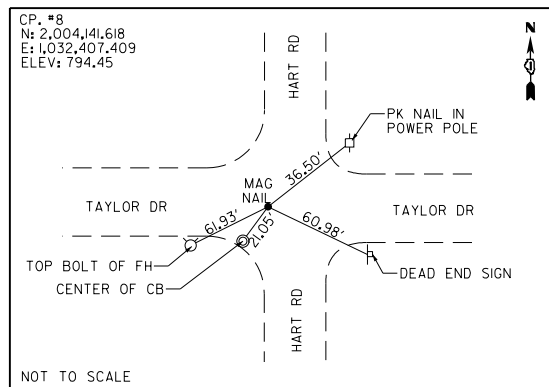
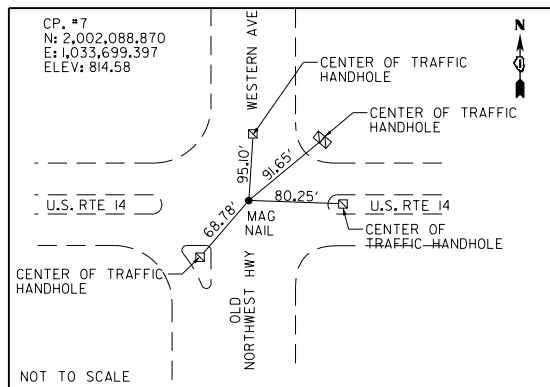
FAU RTE. 2549	SECTION 09-00174-05-CH	COUNTY LAKE	TOTAL SHEETS 423	SHEET NO. 43
CONTRACT NO. 61D65			ILLINOIS FED. AID PROJECT	

CONTROL POINT SUMMARY

CP_NO.	NORTHING	EASTING	ELEVATION	STATION	OFF-SET	ALIGNMENT	DESCRIPTION
CP-1	2,003,576.142	1,032,420.396	807.10	118+29.89	0.93' LT	HART ROAD	SET MAG NAIL Q Q OF HART RD AND 1ST DRIVEWAY NORTH OF RTE 14 ON WEST SIDE OF HART (THE FOUNDRY)
CP-2	2,002,968.514	1,032,392.223	801.66	112+21.95	29.44' LT	HART ROAD	SET MAG NAIL AT THE INTERSECTION OF HART RD AND U.S. RTE. 14 WEST EDGE OF HART RD BY CENTER MEDIAN.
CP-3	2,003,640.745	1,031,413.174	794.03	194+75.56	1.77' LT	U.S. RTE 14	SET MAG NAIL AT THE INTERSECTION OF U.S. RTE. 14. AND 20TH STREET EAST EDGE OF 20TH STREET BY CENTER MEDIAN.
CP-4	2,002,432.954	1,033,134.423	808.57	215+78.21	15.60' RT	U.S. RTE 14	SET MAG NAIL AT START OF LEFT TURN LANE FOR WESTERN AVE FROM E.B. RTE. 14 1ST STREET EAST OF HART ROAD
CP-5	2,003,285.037	1,032,021.503	797.85	201+78.30	54.21' LT	U.S. RTE 14	SET MAG NAIL AT Q OF 1ST DRIVEWAY WEST OF HART ROAD NORTH SIDE OF RTE. 14 (THE FOUNDRY ENTRANCE)
CP-6	2,002,600.809	1,032,457.935	799.32	108+53.56	17.67' LT	HART ROAD	SET MAG NAIL IN EAST EDGE OF THE 1ST DRIVE SOUTH OF RTE. 14 ON SOUTH SIDE OF HART RD
CP-7	2,002,088.870	1,033,699.397	814.58	222+39.37	0.10' RT	U.S. RTE 14	SET MAG NAIL Q Q OF U.S. RTE. 14 AND WESTERN AVE / OLD NORTHWEST HWY
CP-8	2,004,141.618	1,032,407.409	794.45	123+95.39	12.89' LT	HART ROAD	SET MAG NAIL Q Q OF TAYLOR ST ALONG WEST EDGE OF HART RD
CP-9	2,002,466.723	1,032,712.023	796.84	105+71.46	16.01' RT	HART ROAD	SET MAG NAIL NORTH SIDE OF HART RD BY BOX CULVERT
CP-10	2,002,281.393	1,032,927.184	801.85	102+89.67	19.78' LT	HART ROAD	SET MAG NAIL EAST SIDE OF WEST DRIVEWAY TO WACHOVIA SECURITIES SOUTH OF U.S. RTE. 14
CP-11	2,004,144.989	1,031,413.890	796.60	191+89.93	417.32' LT	U.S. RTE 14	SET MAG NAIL Q Q OF 20TH ST AND TAYLOR ST
CP-12	2,001,874.629	1,033,419.753	805.11	96+42.55	19.37' LT	HART ROAD	SET MAG NAIL Q Q OF CENTER DRIVEWAY TO WACHOVIA SECURITIES
CP-13	2,001,583.956	1,033,606.217	805.35	92+91.89	17.12' LT	HART ROAD	SET MAG NAIL WEST EDGE OF EAST DRIVEWAY TO WACHOVIA SECURITIES
CP-16	2,001,765.070	1,034,559.118	819.88	231+62.82	41.33' LT	U.S. RTE 14	SET MAG NAIL NORTH SIDE IF U.S. RTE. 14 AT THE C L OF DRIVEWAY TO THE GE HEALTH CARE
CP-17	2,001,587.743	1,035,102.800	819.62	237+36.06	0.72' RT	U.S. RTE 14	SET MAG NAIL Q Q OF U.S. RTE. 14 AND CUMNOR AVE

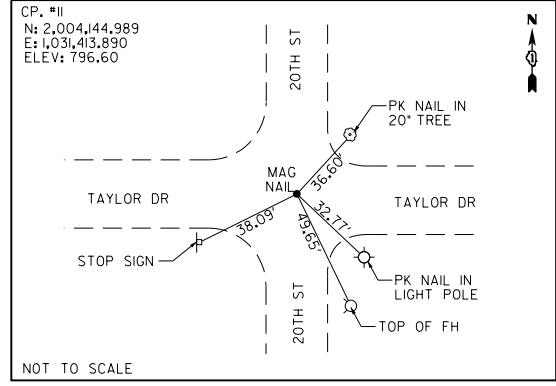
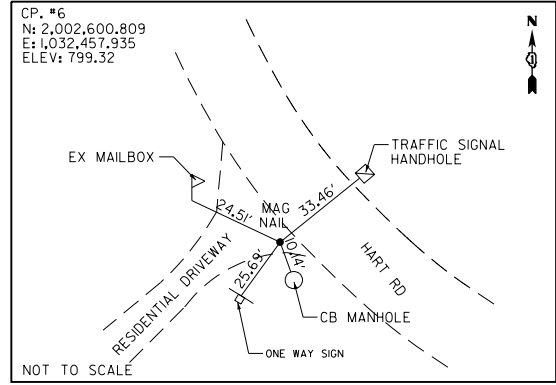
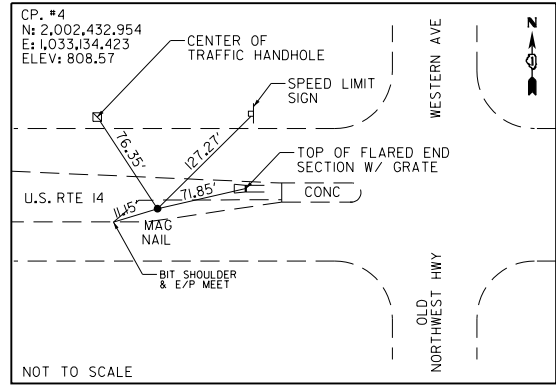
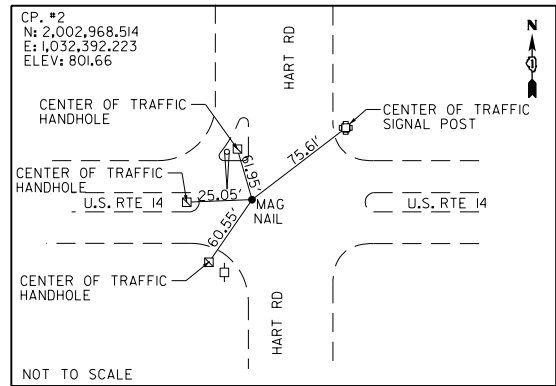
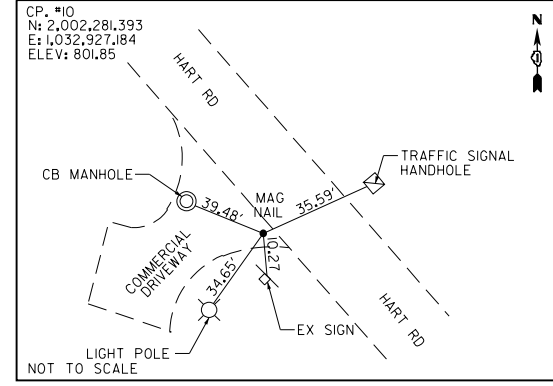
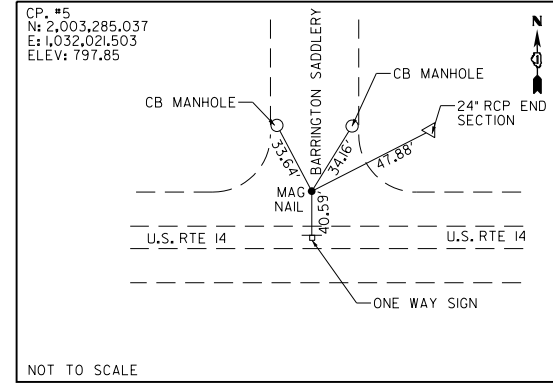
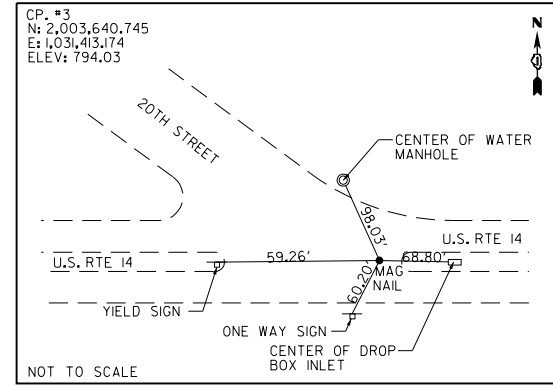
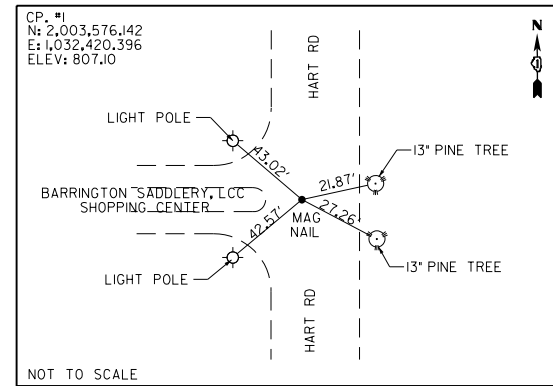
BENCHMARK SUMMARY

NUMBER	NORTHING	EASTING	ELEVATION	STATION	OFF-SET	ALIGNMENT	DESCRIPTION / BENCHMARK SUMMARY
TBM-"A"	2,003,025.87	1,032,470.97	805.81	112+80.12	48.71' RT	HART ROAD	CUT "X" IN EAST BOLT OF THE FIRE HYDRANT AT THE NORTH EAST CORNER OF U.S. ROUTE 14 AND HART ROAD
TBM-"B"	2,003,781.06	1,032,396.17	808.40	120+34.86	24.78' LT	HART ROAD	CUT "X" IN SOUTH WEST BOLT OF THE 2ND FIRE HYDRANT NORTH OF U.S. ROUTE 14 AND HART ROAD.
TBM-"C"	2,004,121.76	1,032,348.74	796.52	123+75.64	71.59' LT	HART ROAD	CUT "X" IN SOUTH EAST BOLT OF THE FIRE HYDRANT AT THE SOUTH WEST CORNER OF HART ROAD AND TAYLOR STREET
TBM-"D"	2,001,912.44	1,033,359.90	800.96	97+11.69	40.10' LT	HART ROAD	CUT "X" IN NORTH EAST BOLT OF THE FIRE HYDRANT AT THE SOUTH OF HART ROAD BY WEST ENTRANCE TO WACHOVIA SECURITIES SOUTH OD U.S. ROUTE 14.



ALL COORDINATES SHOWN HEREON ARE BASED UPON THE ILLINOIS STATE PLANE COORDINATE SYSTEMS: (NAD83) - NORTH AMERICAN DATUM 1983 (2007 ADJUSTMENT) EAST ZONE AND (NAVD 88) - NORTH AMERICAN VERTICAL DATUM 1988 (2009 ADJUSTMENT)

ALL ELEVATIONS SHOWN ON THE PLANS ARE IN NAVD88 DATUM UNLESS OTHERWISE NOTED.



FILE NAME: g:\ch09\0716\road\Sheet\08084-ATB-02.dgn



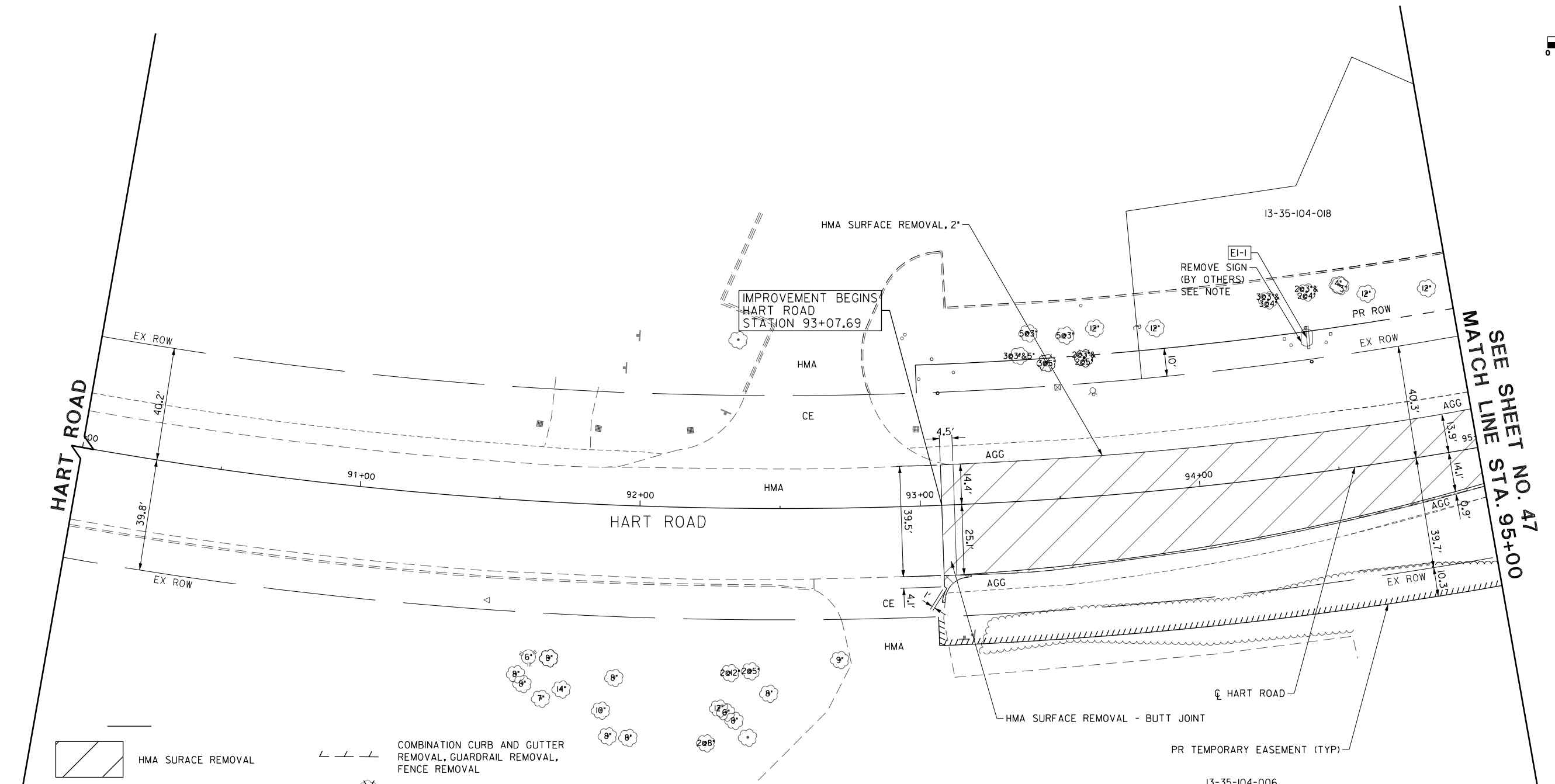
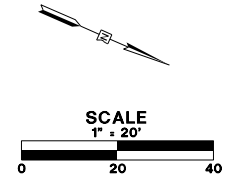
USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 400.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1:200 SHEET 2 OF 2 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	45
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				



- | | | | |
|--|---------------------------|--|---|
| | HMA SURFACE REMOVAL | | COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL | | TREE REMOVAL |
| | PAVED SHOULDER REMOVAL | | TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING |
| | PAVEMENT REMOVAL | | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |
| | SIDEWALK REMOVAL | | SIGN REMOVAL |
| | | | SIGN RELOCATION |
| | | | SIGN REMOVAL BY OTHERS |
| | | | SIGN TO REMAIN |

- NOTES**
- DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
 - FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
 - FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E1-1	HART ROAD PAIN & SPINE INSTITUTE / KELLER WILLIAMS			PRIVATE

FILE NAME: G:\CH09\0176\Road\Sheets\108084-REM-01.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

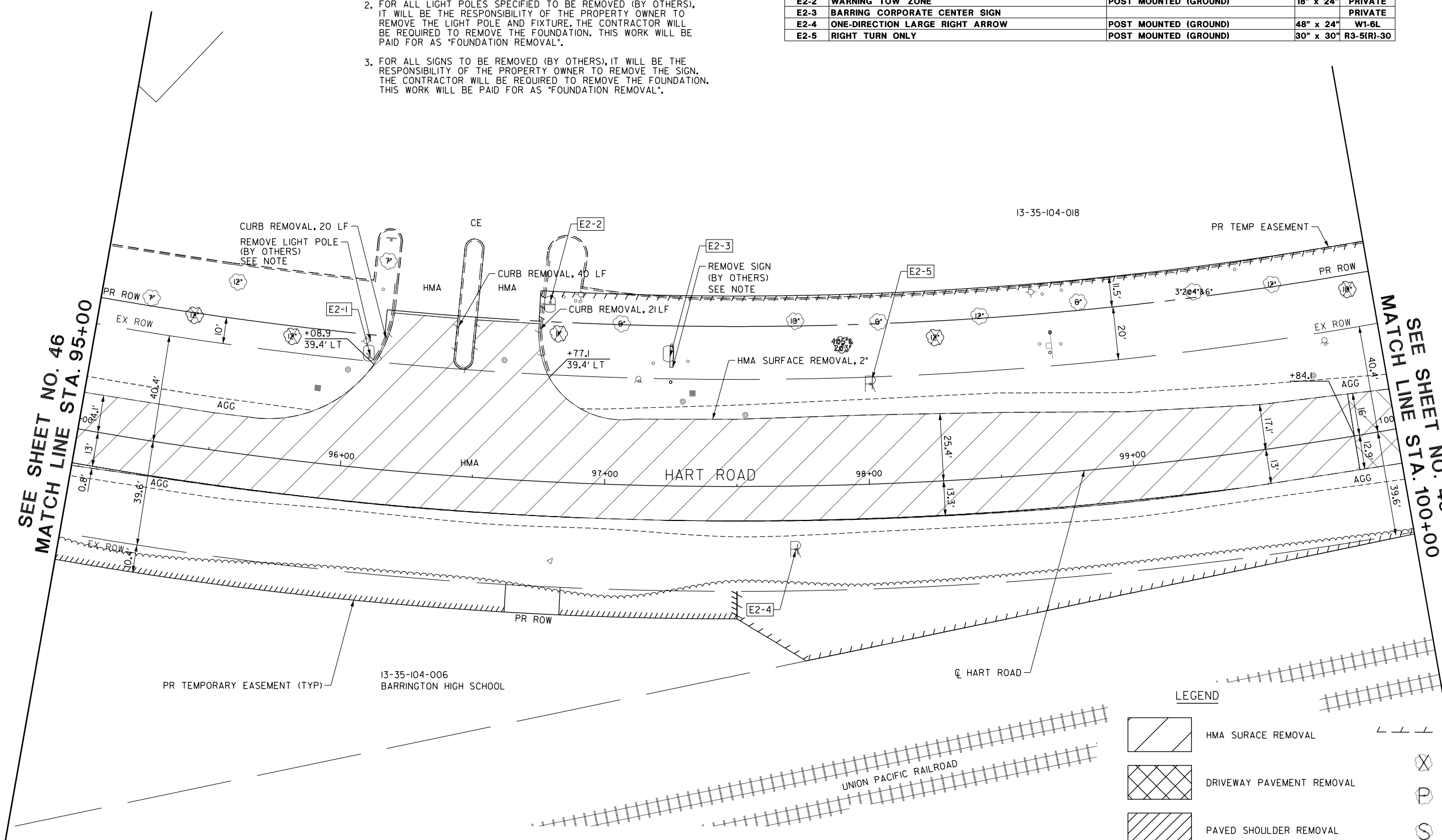
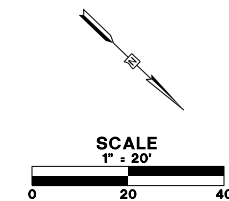
SCALE: 1:20 SHEET 1 OF 16 SHEETS STA. 90+00.00 TO STA. 95+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	46
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E2-1	STOP SIGN	POST MOUNTED (GROUND)	30" x 30"	PRIVATE
E2-2	WARNING TOW ZONE	POST MOUNTED (GROUND)	18" x 24"	PRIVATE
E2-3	BARRING CORPORATE CENTER SIGN			PRIVATE
E2-4	ONE-DIRECTION LARGE RIGHT ARROW	POST MOUNTED (GROUND)	48" x 24"	W1-6L
E2-5	RIGHT TURN ONLY	POST MOUNTED (GROUND)	30" x 30"	R3-5(R)-30



SEE SHEET NO. 46
MATCH LINE STA. 95+00

SEE SHEET NO. 48
MATCH LINE STA. 100+00

LEGEND

- HMA SURFACE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL
- TREE REMOVAL
- TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING
- SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
- SIGN REMOVAL
- SIGN RELOCATION
- SIGN REMOVAL BY OTHERS
- SIGN TO REMAIN

FILE NAME: G:\CH09\0176\Road\Sheets\108084-REM-02.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1:20 SHEET 2 OF 16 SHEETS STA. 95+00.00 TO STA. 100+00.00

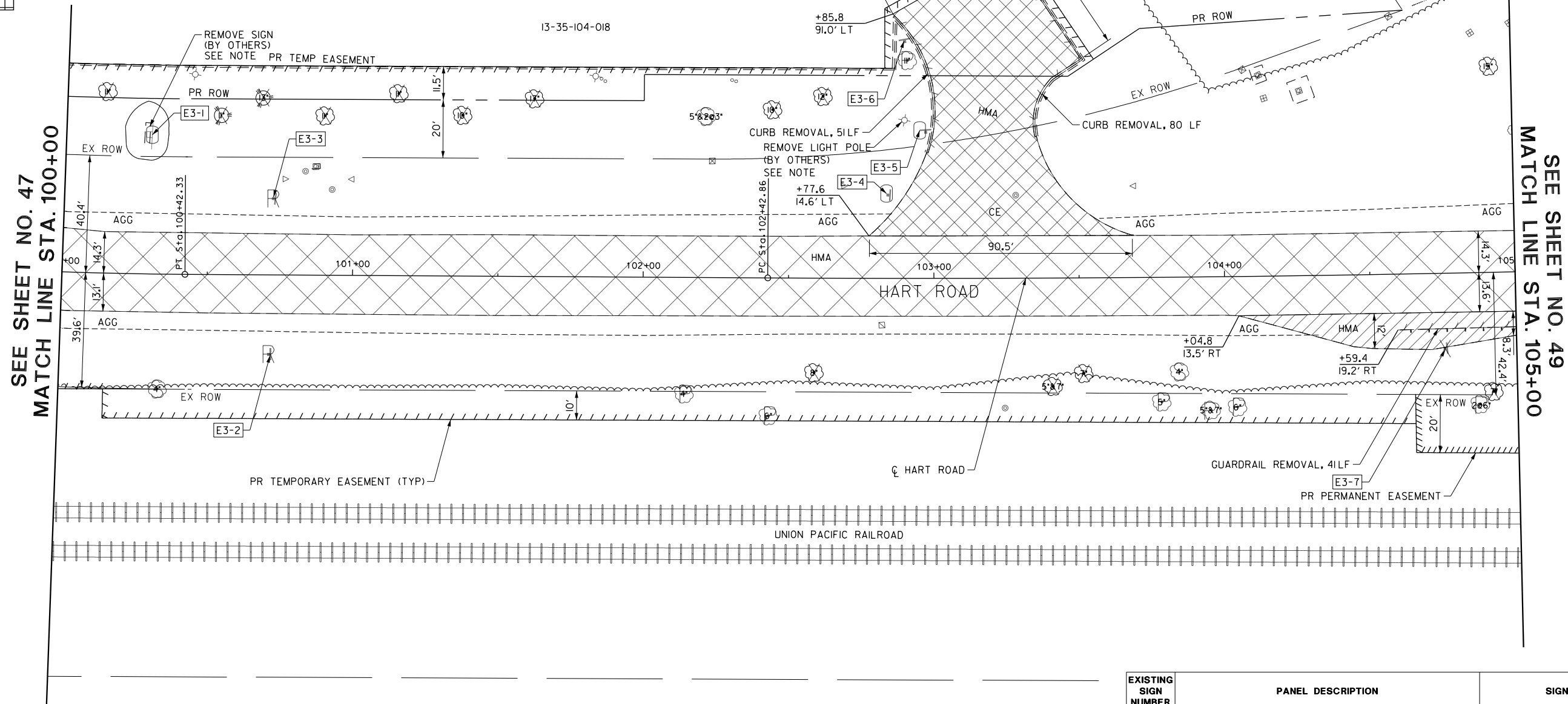
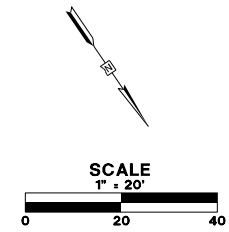
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	47
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

LEGEND

	HMA SURFACE REMOVAL		COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		TREE REMOVAL
	PAVED SHOULDER REMOVAL		TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING
	PAVEMENT REMOVAL		SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIDEWALK REMOVAL		SIGN REMOVAL
			SIGN RELOCATION
			SIGN REMOVAL BY OTHERS
			SIGN TO REMAIN

NOTES

- DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
- FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
- FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".



SEE SHEET NO. 47
MATCH LINE STA. 100+00

SEE SHEET NO. 49
MATCH LINE STA. 105+00

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E3-1	WELLS FARGO ADVISORS SIGN			PRIVATE
E3-2	(SHARED POST)	POST MOUNTED (GROUND)		
E3-2a	RIGHT TURN AHEAD		36" x 36"	W1-1(R)-36
E3-2b	ADVISORY SPEED LIMIT 25 MPH		24" x 24"	W13-1P-24
E3-3	PEDESTRIAN CROSSING	POST MOUNTED (GROUND)	36" x 36"	W11-2(L)-36
E3-4	STOP SIGN	POST MOUNTED (GROUND)	30" x 30"	PRIVATE
E3-5	WARNING TOW ZONE	POST MOUNTED (GROUND)	18" x 24"	PRIVATE
E3-6	PARKING LOT SIGN	POST MOUNTED (GROUND)		UNKNOWN PRIVATE
E3-7	RAILROAD GRADE CROSSING ADVANCE WARNING	POST MOUNTED (GROUND)	36" DIA.	W10-1-36

FILE NAME: G:\CH09\0176\Road\Sheet\108084-REM-03.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

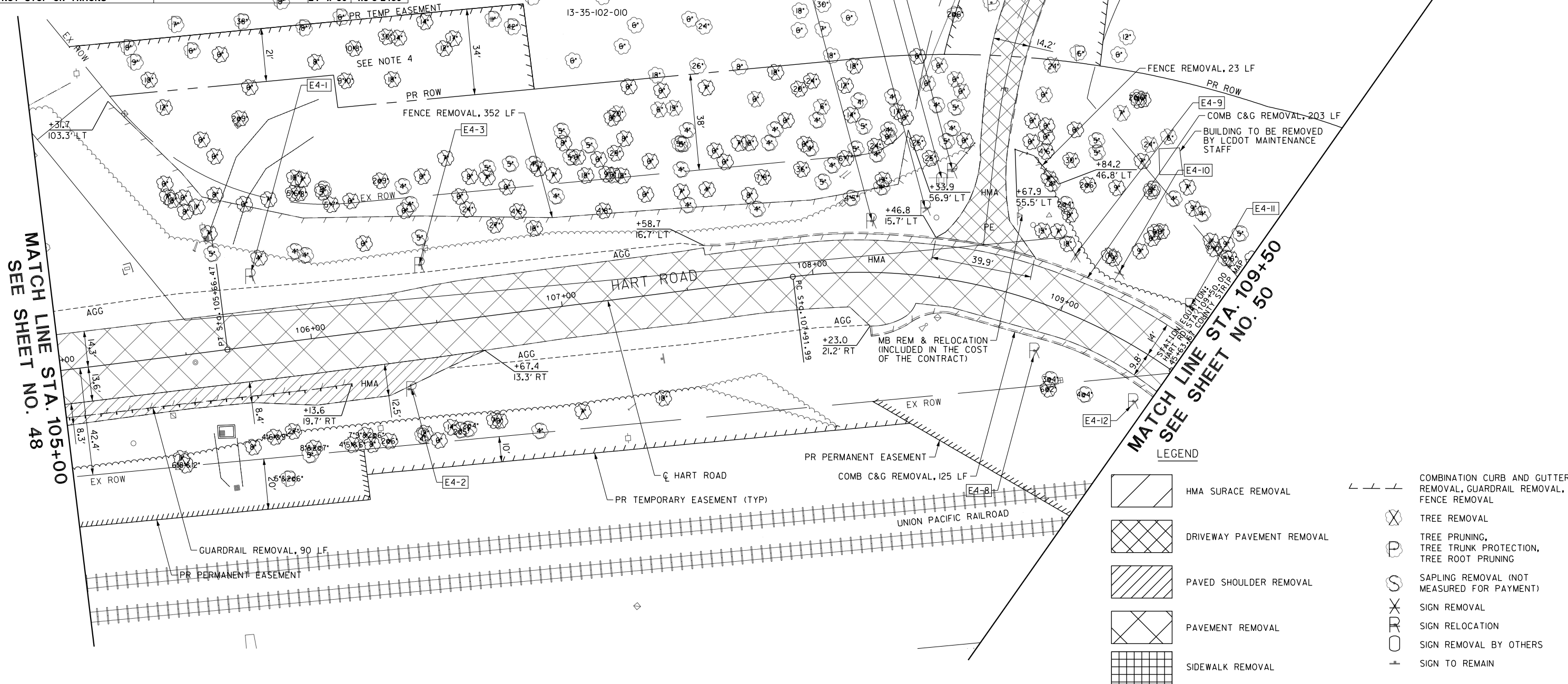
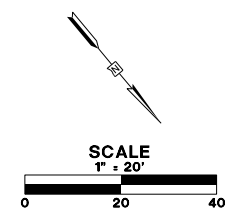
SCALE: 1/20 SHEET 3 OF 16 SHEETS STA. 100+00.00 TO STA. 105+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	48
			CONTRACT NO. 6ID65	
ILLINOIS FED. AID PROJECT				

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E4-1	(SHARED POST)	POST MOUNTED (GROUND)		
E4-1a	ADOPT A HIGHWAY		36" x 36"	
E4-1b	FIELD AND FLOWER GARDEN CLUB		36" x 18"	
E4-1c	FOLDED CLEAN UP CREW WORKING		30" x 30"	
E4-2	(SHARED POST)	POST MOUNTED (GROUND)		
E4-2a	SIGNAL AHEAD		36" x 36"	W3-3-36
E4-2b	US RTE 14		30" x 9"	
E4-3	CURVE AHEAD	POST MOUNTED (GROUND)	36" x 36"	W1-2(R)-36
E4-4	SPEED LIMIT 40 MPH	POST MOUNTED (GROUND)	30" x 36"	R2-1-3036
E4-5	SINGLE RIGHT CHEVRON ARROW	POST MOUNTED (GROUND)	24" x 30"	W1-8(L)-2430
E4-6	PRIVATE DRIVE SIGN	DUAL POST MOUNTED (GROUND)	48" x 12"	PRIVATE
E4-7	BCFPP ZON 726 770	POST MOUNTED (GROUND)	12" x 18"	PRIVATE
E4-8	(SHARED POST)	POST MOUNTED (GROUND)		
E4-8a	END PLAQUE		24" x 12"	
E4-8b	LAKE COUNTY V53		24" x 24"	
E4-9	(SHARED POST)	POST MOUNTED (GROUND)		
E4-9a	SINGLE RIGHT CHEVRON ARROW		24" x 30"	W1-8(R)-2430
E4-9b	SINGLE RIGHT CHEVRON ARROW		24" x 30"	W1-8(L)-2430
E4-10	SINGLE RIGHT CHEVRON ARROW	POST MOUNTED (GROUND)	24" x 30"	W1-8(L)-2430
E4-11	SINGLE RIGHT CHEVRON ARROW	POST MOUNTED (GROUND)	24" x 30"	W1-8(R)-2430
E4-12	(SHARED POST)	POST MOUNTED (GROUND)		
E4-12a	UNION PACIFIC 1-800-848-8715		30" x 24"	
E4-12b	DO NOT STOP ON TRACKS		24" x 30"	R8-8-2430

NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN TREE REMOVAL AND EXCAVATION IS GOING TO BEGIN IN THE TEMPORARY EASEMENT. THE ENGINEER SHALL COORDINATE TREE REMOVAL AND EXCAVATION WITH THE VILLAGE OF BARRINGTON HILLS' ARBORIST, CHUCK STEWART AT 847-516-9708.



FILE NAME: G:\CH09\0176\Road\Sheet\108084-REM-04.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

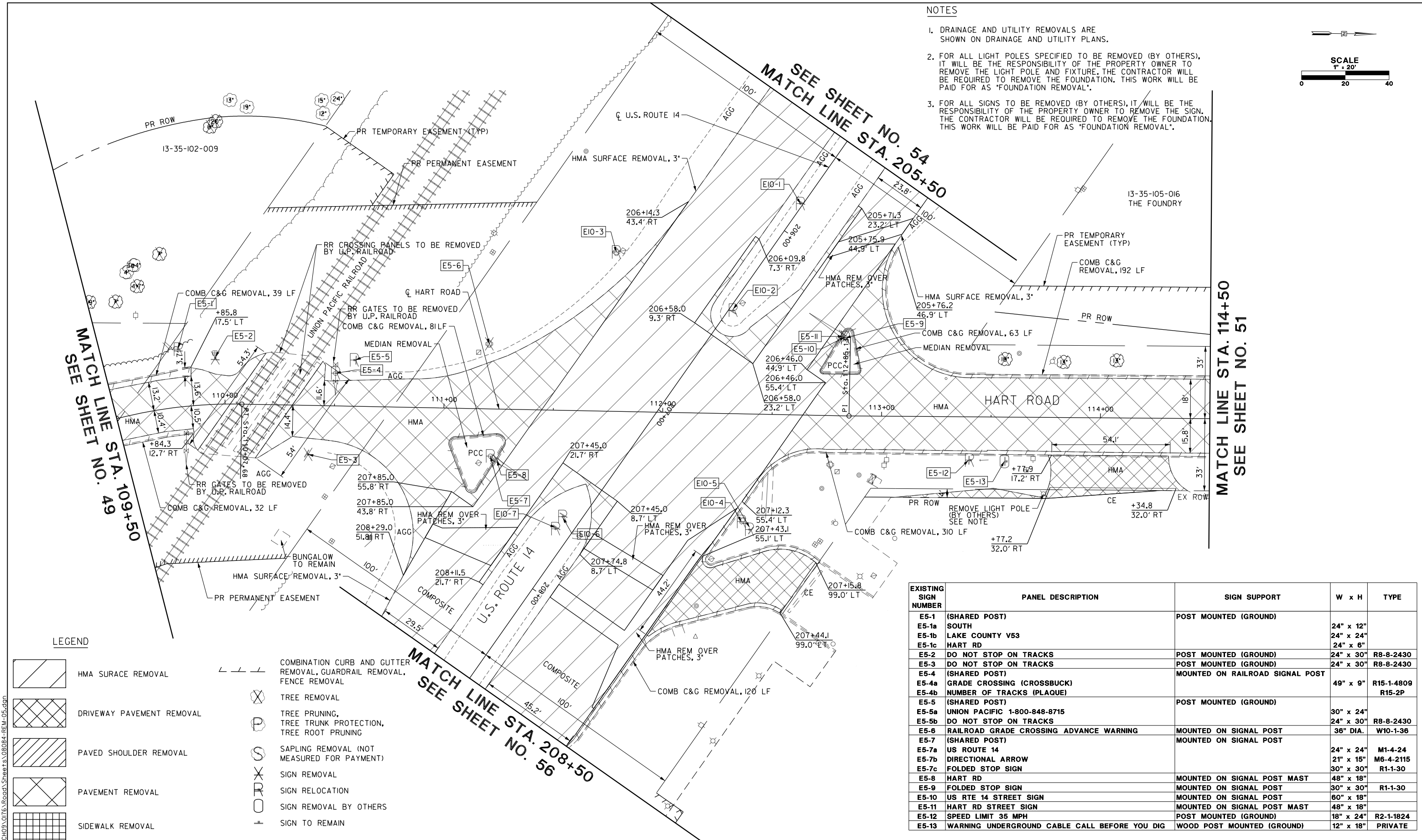
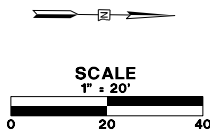
REMOVAL PLAN

SCALE: 1:20 SHEET 4 OF 16 SHEETS STA. 105+00.00 TO STA. 109+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	49
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				

NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.



MATCH LINE STA. 109+50
SEE SHEET NO. 49

MATCH LINE STA. 205+50
SEE SHEET NO. 54

MATCH LINE STA. 114+50
SEE SHEET NO. 51

MATCH LINE STA. 208+50
SEE SHEET NO. 56

LEGEND

- | | | | |
|--|---------------------------|--|---|
| | HMA SURFACE REMOVAL | | COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL | | TREE REMOVAL |
| | PAVED SHOULDER REMOVAL | | TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING |
| | PAVEMENT REMOVAL | | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |
| | SIDEWALK REMOVAL | | SIGN REMOVAL |
| | | | SIGN RELOCATION |
| | | | SIGN REMOVAL BY OTHERS |
| | | | SIGN TO REMAIN |

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E5-1	(SHARED POST)	POST MOUNTED (GROUND)		
E5-1a	SOUTH		24" x 12"	
E5-1b	LAKE COUNTY V53		24" x 24"	
E5-1c	HART RD		24" x 6"	
E5-2	DO NOT STOP ON TRACKS	POST MOUNTED (GROUND)	24" x 30"	R8-8-2430
E5-3	DO NOT STOP ON TRACKS	POST MOUNTED (GROUND)	24" x 30"	R8-8-2430
E5-4	(SHARED POST)	MOUNTED ON RAILROAD SIGNAL POST		
E5-4a	GRADE CROSSING (CROSSBUCK)		49" x 9"	R15-1-4809
E5-4b	NUMBER OF TRACKS (PLAQUE)			R15-2P
E5-5	(SHARED POST)	POST MOUNTED (GROUND)		
E5-5a	UNION PACIFIC 1-800-848-8715		30" x 24"	
E5-5b	DO NOT STOP ON TRACKS		24" x 30"	R8-8-2430
E5-6	RAILROAD GRADE CROSSING ADVANCE WARNING	MOUNTED ON SIGNAL POST	36" DIA.	W10-1-36
E5-7	(SHARED POST)	MOUNTED ON SIGNAL POST		
E5-7a	US ROUTE 14		24" x 24"	M1-4-24
E5-7b	DIRECTIONAL ARROW		21" x 15"	M6-4-2115
E5-7c	FOLDED STOP SIGN		30" x 30"	R1-1-30
E5-8	HART RD	MOUNTED ON SIGNAL POST MAST	48" x 18"	
E5-9	FOLDED STOP SIGN	MOUNTED ON SIGNAL POST	30" x 30"	R1-1-30
E5-10	US RTE 14 STREET SIGN	MOUNTED ON SIGNAL POST	60" x 18"	
E5-11	HART RD STREET SIGN	MOUNTED ON SIGNAL POST MAST	48" x 18"	
E5-12	SPEED LIMIT 35 MPH	POST MOUNTED (GROUND)	18" x 24"	R2-1-1824
E5-13	WARNING UNDERGROUND CABLE CALL BEFORE YOU DIG	WOOD POST MOUNTED (GROUND)	12" x 18"	PRIVATE

FILE NAME: G:\CH09\0176\Road\Sheet\15108084-REM-05.dwg



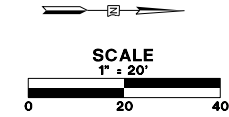
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

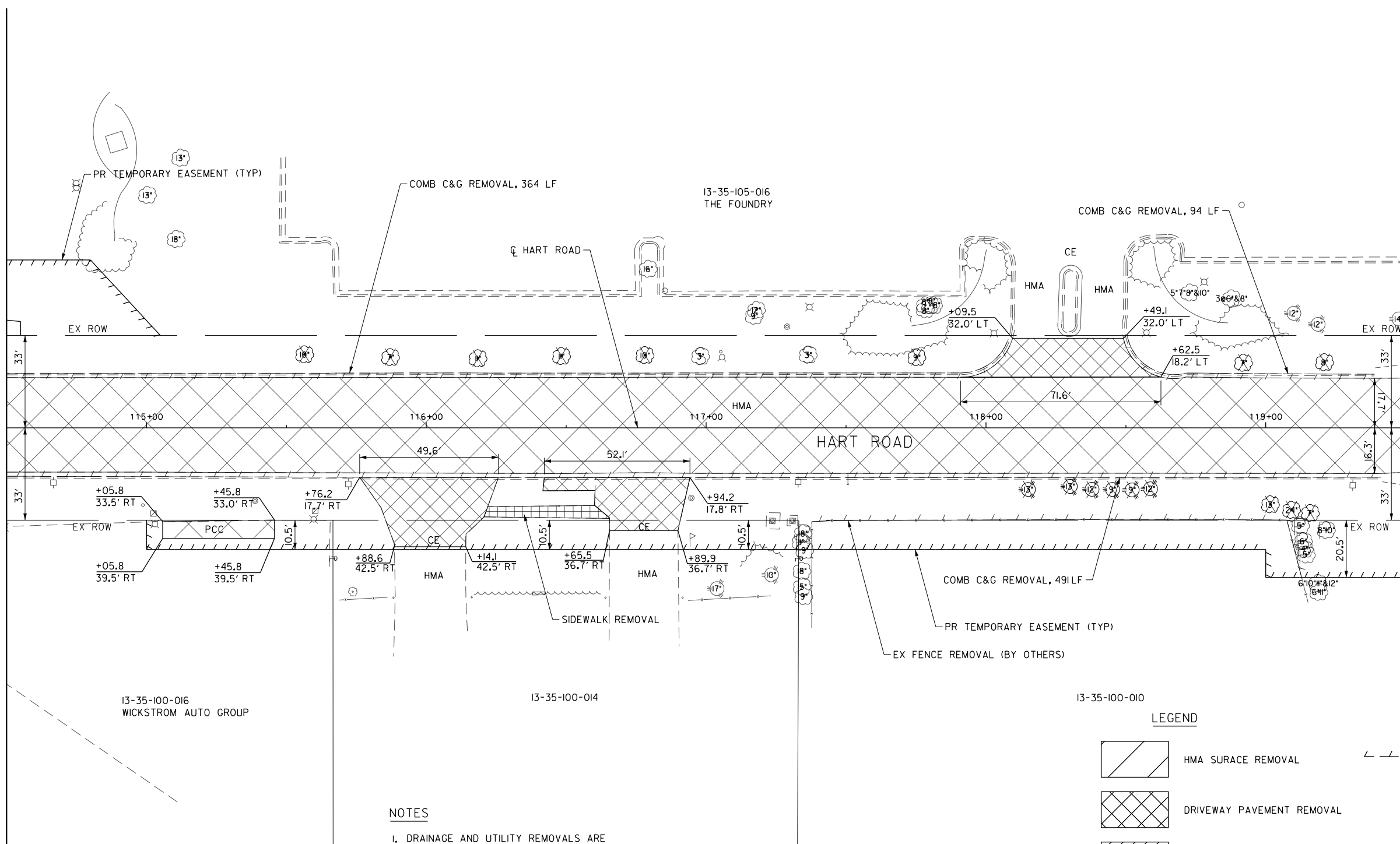
SCALE: 1:20 SHEET 5 OF 16 SHEETS STA. 109+50.00 TO STA. 114+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	50
				CONTRACT NO. 6ID65
ILLINOIS FED. AID PROJECT				



SEE SHEET NO. 50
MATCH LINE STA. 114+50

MATCH LINE STA. 119+50
SEE SHEET NO. 52



NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.

LEGEND

- HMA SURFACE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL
- TREE REMOVAL
- TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING
- SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
- SIGN REMOVAL
- SIGN RELOCATION
- SIGN REMOVAL BY OTHERS
- SIGN TO REMAIN

FILE NAME: G:\CH09\0176\Road\Sheet\108084-REM-06.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

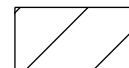


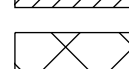
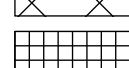
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

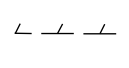
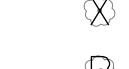
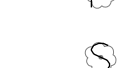
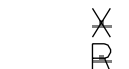




REMOVAL PLAN

SCALE: 1:20 SHEET 6 OF 16 SHEETS STA. 114+00.00 TO STA. 119+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	51
			CONTRACT NO. 6ID65	
ILLINOIS FED. AID PROJECT				

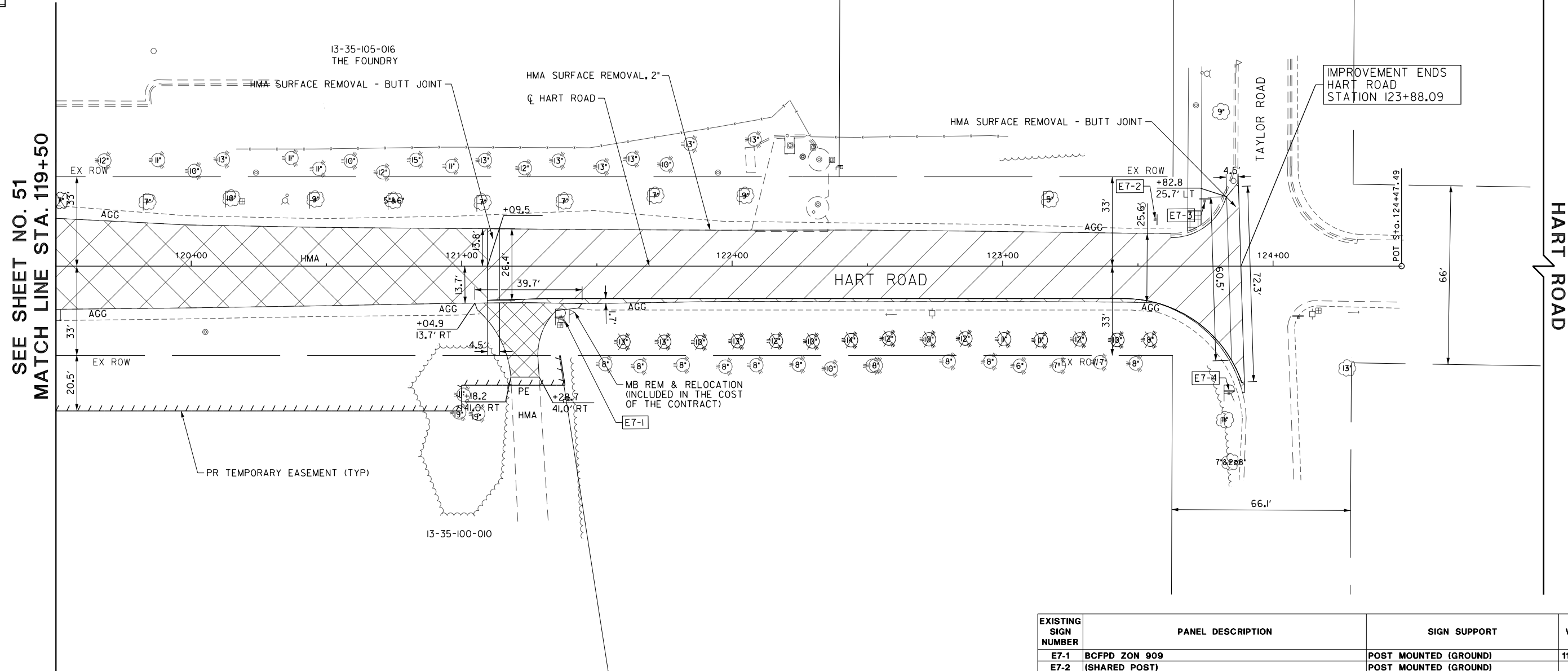
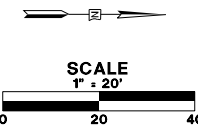
LEGEND

-  HMA SURFACE REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL
-  PAVEMENT REMOVAL
-  SIDEWALK REMOVAL

-  COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL
-  TREE REMOVAL
-  TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING
-  SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
-  SIGN REMOVAL
-  SIGN RELOCATION
-  SIGN REMOVAL BY OTHERS
-  SIGN TO REMAIN

NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.



EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E7-1	BCFPD ZON 909	POST MOUNTED (GROUND)	11" x 14"	PRIVATE
E7-2	(SHARED POST)	POST MOUNTED (GROUND)		
E7-2a	OUTSIDE WATER USAGE CONSERVATION		30" x 30"	
E7-2b	LANDSCAPE WATERING ALLOWED TIMES		30" x 18"	
E7-3	(SHARED POST)	POST MOUNTED (GROUND)		
E7-3a	STOP SIGN		30" x 30"	R1-1-30
E7-3b	W TAYLOR ST		38" x 6"	
E7-3c	HART RD		30" x 6"	
E7-4	(SHARED POST)	POST MOUNTED (GROUND)		
E7-4a	DEAD END		24" x 24"	W14-1-24
E7-4b	ADVISORY SPEED LIMIT 15 MPH		18" x 18"	W13-1P-18

FILE NAME: G:\CH09\0176\Road\Sheet\108084-REM-07.dgn



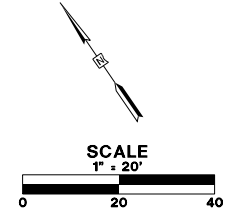
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

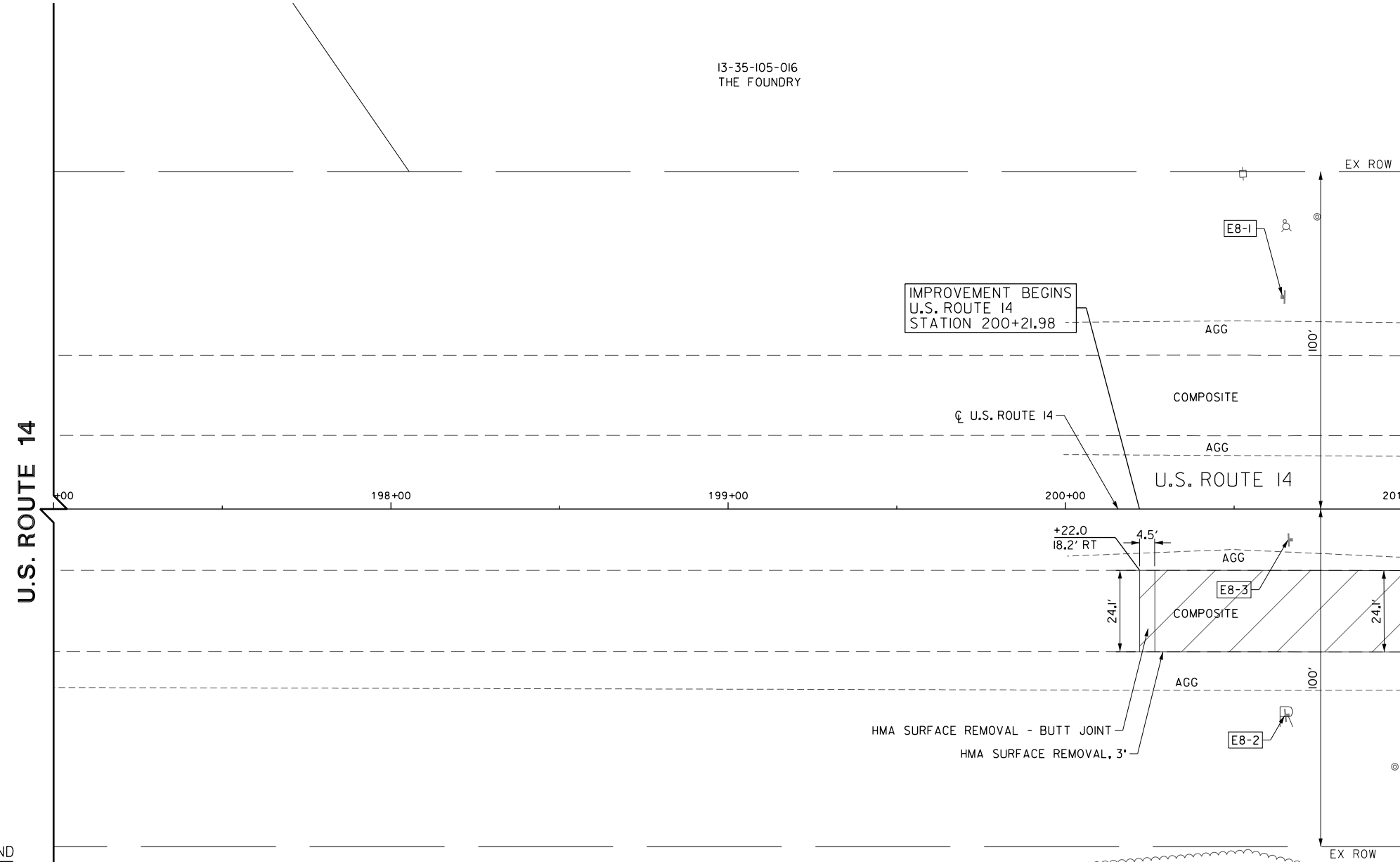
REMOVAL PLAN

SCALE: 1:20 SHEET 7 OF 16 SHEETS STA. 119+50.00 TO STA. 125+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	52
				CONTRACT NO. 6ID65
ILLINOIS FED. AID PROJECT				



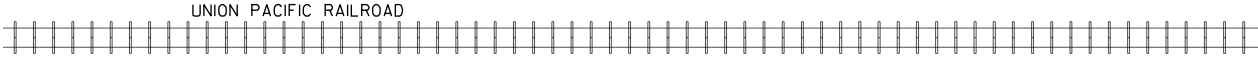
13-35-105-016
THE FOUNDRY



MATCH LINE STA. 201+00
SEE SHEET NO. 54

LEGEND

- | | | | |
|--|---------------------------|--|---|
| | HMA SURFACE REMOVAL | | COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL | | TREE REMOVAL |
| | PAVED SHOULDER REMOVAL | | TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING |
| | PAVEMENT REMOVAL | | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |
| | SIDEWALK REMOVAL | | SIGN REMOVAL |
| | | | SIGN RELOCATION |
| | | | SIGN REMOVAL BY OTHERS |
| | | | SIGN TO REMAIN |



NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E8-1	SPEED LIMIT 50 MPH	POST MOUNTED (GROUND)	30" x 36"	R2-1-3036
E8-2	SPEED LIMIT 45 MPH	WOOD POST MOUNTED (GROUND)	30" x 36"	R2-1-3036
E8-3	SPEED LIMIT 45 MPH	WOOD POST MOUNTED (GROUND)	30" x 36"	R2-1-3036

FILE NAME: G:\CH09\0176\Road\Sheet\108084-REM-08.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

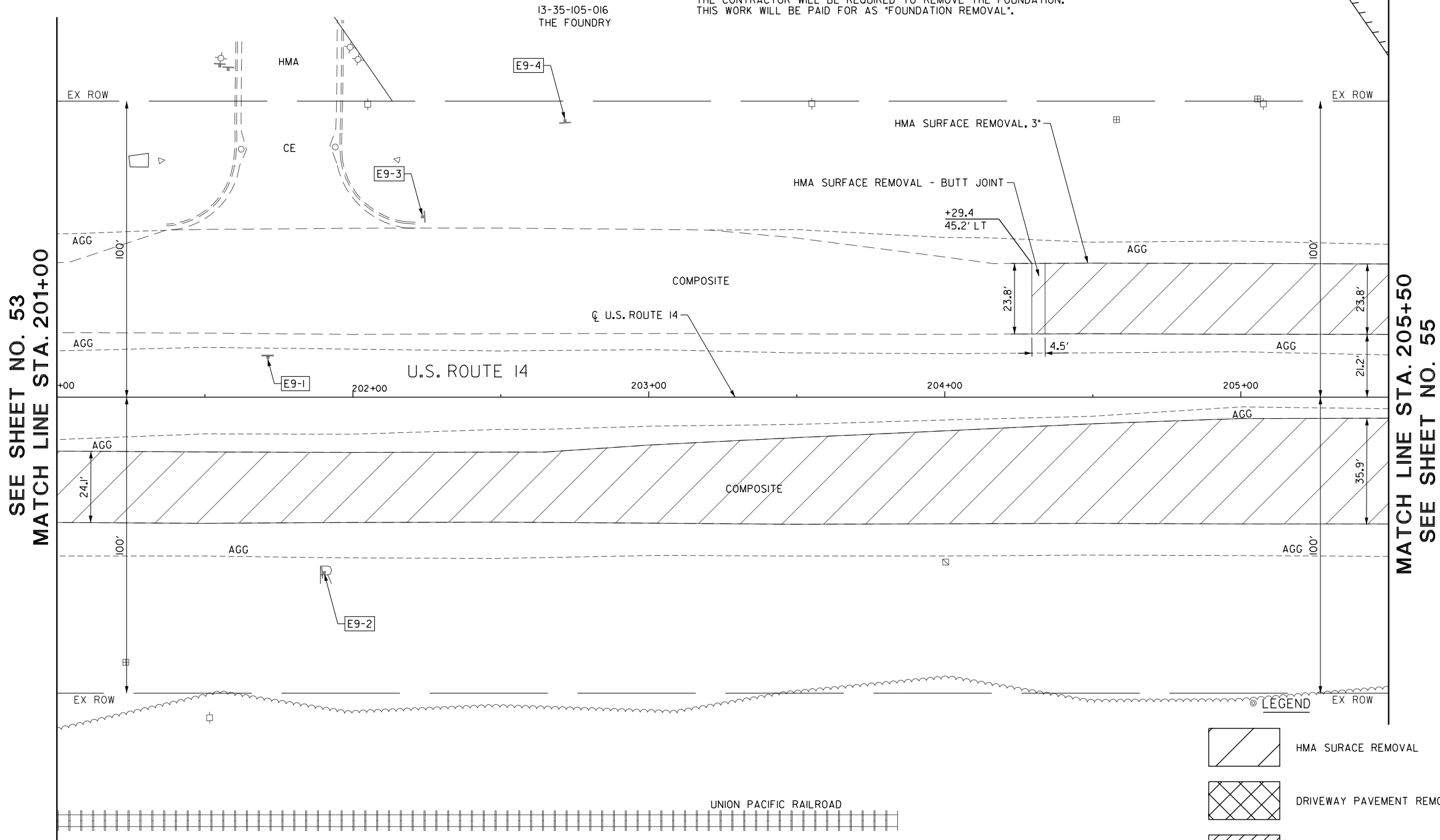
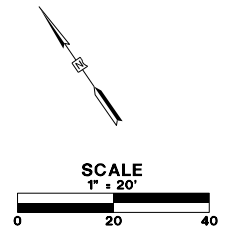
SCALE: 1/20 SHEET 8 OF 16 SHEETS STA. 197+00.00 TO STA. 201+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	53
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E9-1	ONE WAY	POST MOUNTED (GROUND)	18" x 24"	R6-2(R)-1824
E9-2	(SHARED POST) JCT	POST MOUNTED (GROUND)	21" x 15"	
E9-2a	LAKE COUNTY V53		24" x 24"	
E9-2b	HART RD		24" x 9"	
E9-2c	RIGHT ARROW		21" x 15"	
E9-3	RIGHT TURN ONLY	POST MOUNTED (GROUND)	30" x 30"	R3-5(R)-30
E9-4	NOTICE THIS HAS BEEN DESIGNATED FREEWAY	DUAL WOOD POST MOUNTED (GROUND)	42" x 30"	

NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".



SEE SHEET NO. 53
MATCH LINE STA. 201+00

MATCH LINE STA. 205+50
SEE SHEET NO. 55

LEGEND

	HMA SURFACE REMOVAL		COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		TREE REMOVAL
	PAVED SHOULDER REMOVAL		TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING
	PAVEMENT REMOVAL		SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIDEWALK REMOVAL		SIGN REMOVAL
			SIGN RELOCATION
			SIGN REMOVAL BY OTHERS
			SIGN TO REMAIN

FILE NAME: G:\CH09\0176\Road\Sheets\108084-REM-09.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

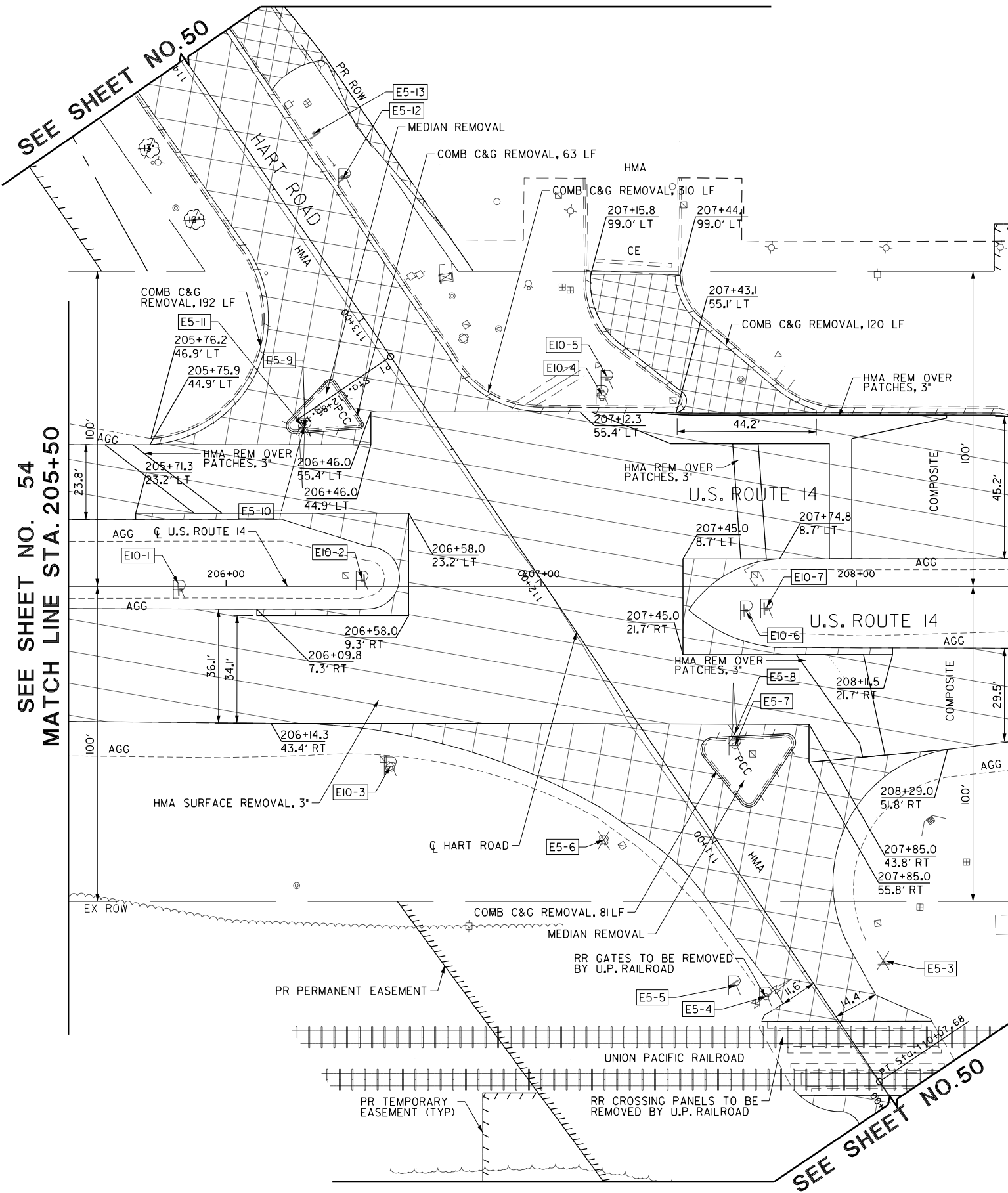
SCALE: 1:20 SHEET 9 OF 16 SHEETS STA. 201+00.00 TO STA. 205+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	54
CONTRACT NO. 6ID65			ILLINOIS FED. AID PROJECT	

SEE SHEET NO. 50

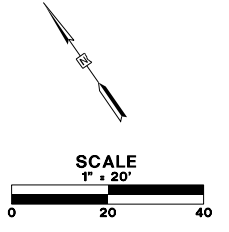
SEE SHEET NO. 54
MATCH LINE STA. 205+50

MATCH LINE STA. 208+50
SEE SHEET NO. 56



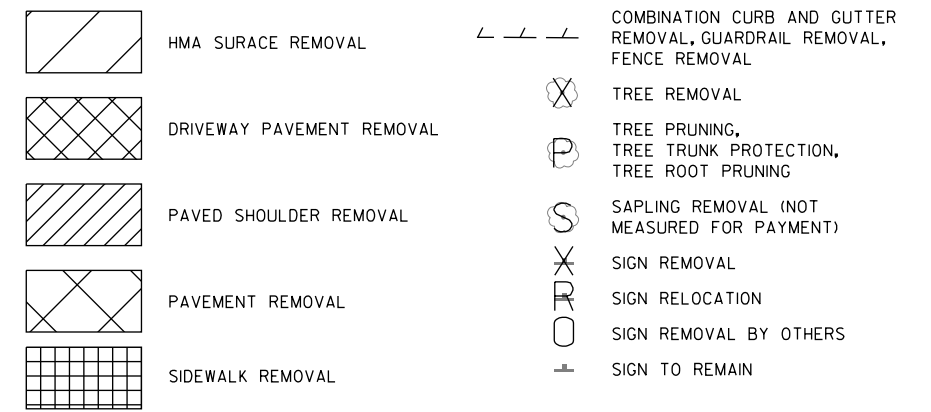
NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".



EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E10-1	(SHARED POST) DO NOT ENTER	POST MOUNTED (GROUND)	30" x 30"	R5-1-30
E10-1a	DO NOT ENTER		24" x 30"	R3-5(L)-2430
E10-1b	LEFT TURN ONLY		24" x 30"	R4-7(R)-2430
E10-2	KEEP RIGHT	POST MOUNTED (GROUND)		
E10-3	(SHARED POST) MOUNTED ON SIGNAL POST			
E10-3a	LAKE COUNTY V53		24" x 24"	
E10-3b	HART RD		24" x 9"	
E10-3c	RIGHT ARROW		21" x 15"	
E10-3d	FOLDED STOP SIGN		30" x 30"	
E10-4	(SHARED POST) MOUNTED ON SIGNAL POST			
E10-4a	RIGHT TURN ONLY		24" x 30"	R3-5(R)-2430
E10-4b	FOLDED STOP SIGN		30" x 30"	R1-1-30
E10-5	(SHARED POST) POST MOUNTED (GROUND)			
E10-5a	LAKE COUNTY V53		24" x 24"	
E10-5b	HART RD		24" x 9"	
E10-5c	LEFT ARROW		21" x 15"	
E10-6	KEEP RIGHT	POST MOUNTED (GROUND)	24" x 30"	R4-7(R)-2430
E10-7	(SHARED POST) POST MOUNTED (GROUND)			
E10-7a	LAKE COUNTY V53		24" x 24"	
E10-7b	HART RD		24" x 9"	
E10-7c	LEFT ARROW		21" x 15"	

LEGEND



FILE NAME: G:\CH09\0176\Road\Sheet\15108084-REV-10.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

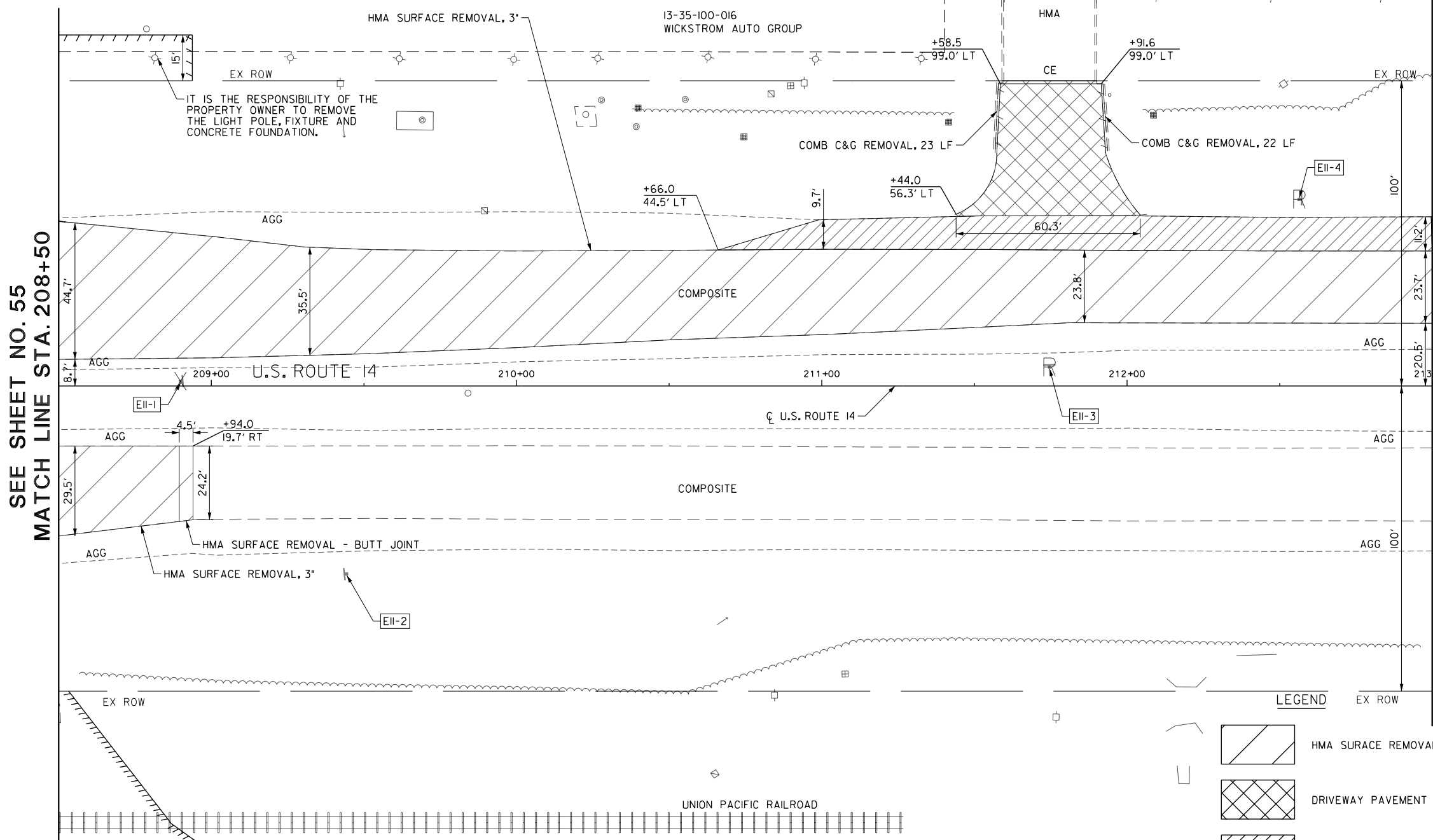
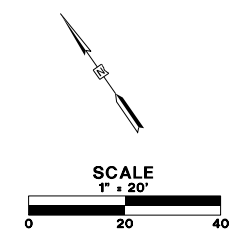
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: 1:20 SHEET 10 OF 16 SHEETS STA. 205+50.00 TO STA. 208+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	55
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E11-1	(SHARED POST)	POST MOUNTED (GROUND)		
E11-1a	LEFT TURN ONLY		24" x 30"	R3-5(L)-2430
E11-1b	DO NOT ENTER		30" x 30"	R5-1-30
E11-2	SPEED LIMIT 45 MPH	POST MOUNTED (GROUND)	30" x 36"	R2-1-3036
E11-3	ONE WAY	POST MOUNTED (GROUND)	18" x 24"	R6-2(R)-1824
E11-4	(SHARED POST)	POST MOUNTED (GROUND)		
E11-4a	JCT		21" x 15"	
E11-4b	LAKE COUNTY V53		24" x 24"	
E11-4c	HART RD		24" x 9"	
E11-4d	LEFT TURN ARROW		21" x 15"	



SEE SHEET NO. 55
MATCH LINE STA. 208+50

MATCH LINE STA. 213+00
SEE SHEET NO. 57

- NOTES**
1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
 2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.
 3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.

LEGEND	
	HMA SURFACE REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL
	TREE REMOVAL
	TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING
	SAPLING REMOVAL (NOT MEASURED FOR PAYMENT)
	SIGN REMOVAL
	SIGN RELOCATION
	SIGN REMOVAL BY OTHERS
	SIGN TO REMAIN

FILE NAME: G:\CH09\0176\Road\Sheets\108084-REM-11.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

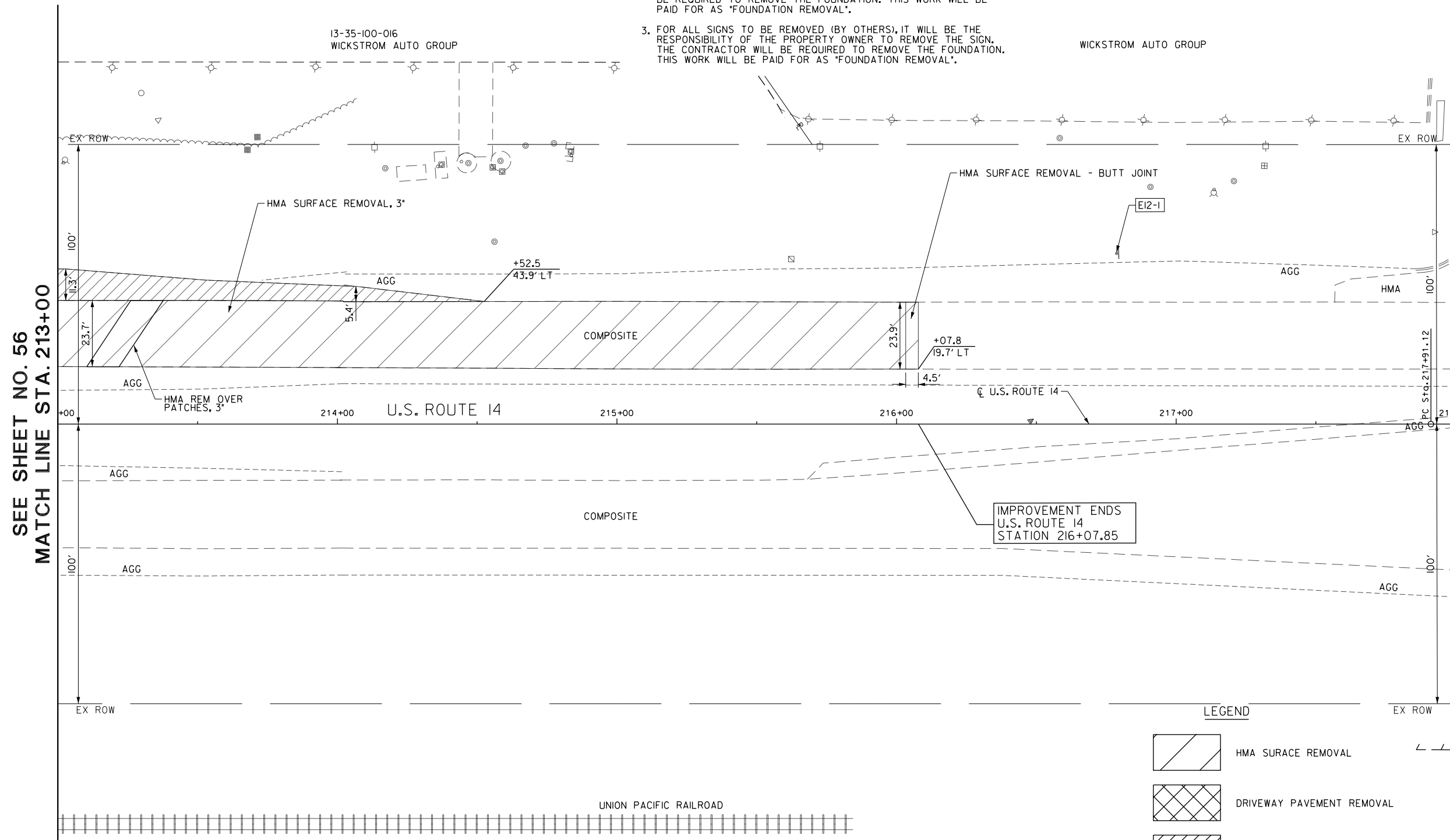
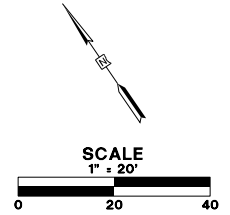
SCALE: 1/20 SHEET 11 OF 16 SHEETS STA. 208+50.00 TO STA. 213+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	56
CONTRACT NO. 61D65			ILLINOIS FED. AID PROJECT	

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E12-1	SPEED LIMIT 45 MPH	POST MOUNTED (GROUND)	30" x 36"	R2-1-3036

NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".



SEE SHEET NO. 56
MATCH LINE STA. 213+00

MATCH LINE STA. 218+00
SEE SHEET NO. 58

IMPROVEMENT ENDS
U.S. ROUTE 14
STATION 216+07.85

LEGEND

- | | | | |
|--|---------------------------|--|---|
| | HMA SURFACE REMOVAL | | COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL | | TREE REMOVAL |
| | PAVED SHOULDER REMOVAL | | TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING |
| | PAVEMENT REMOVAL | | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |
| | SIDEWALK REMOVAL | | SIGN REMOVAL |
| | | | SIGN RELOCATION |
| | | | SIGN REMOVAL BY OTHERS |
| | | | SIGN TO REMAIN |

FILE NAME: G:\CH09\0176\Road\Sheet\108084-REM-12.dgn



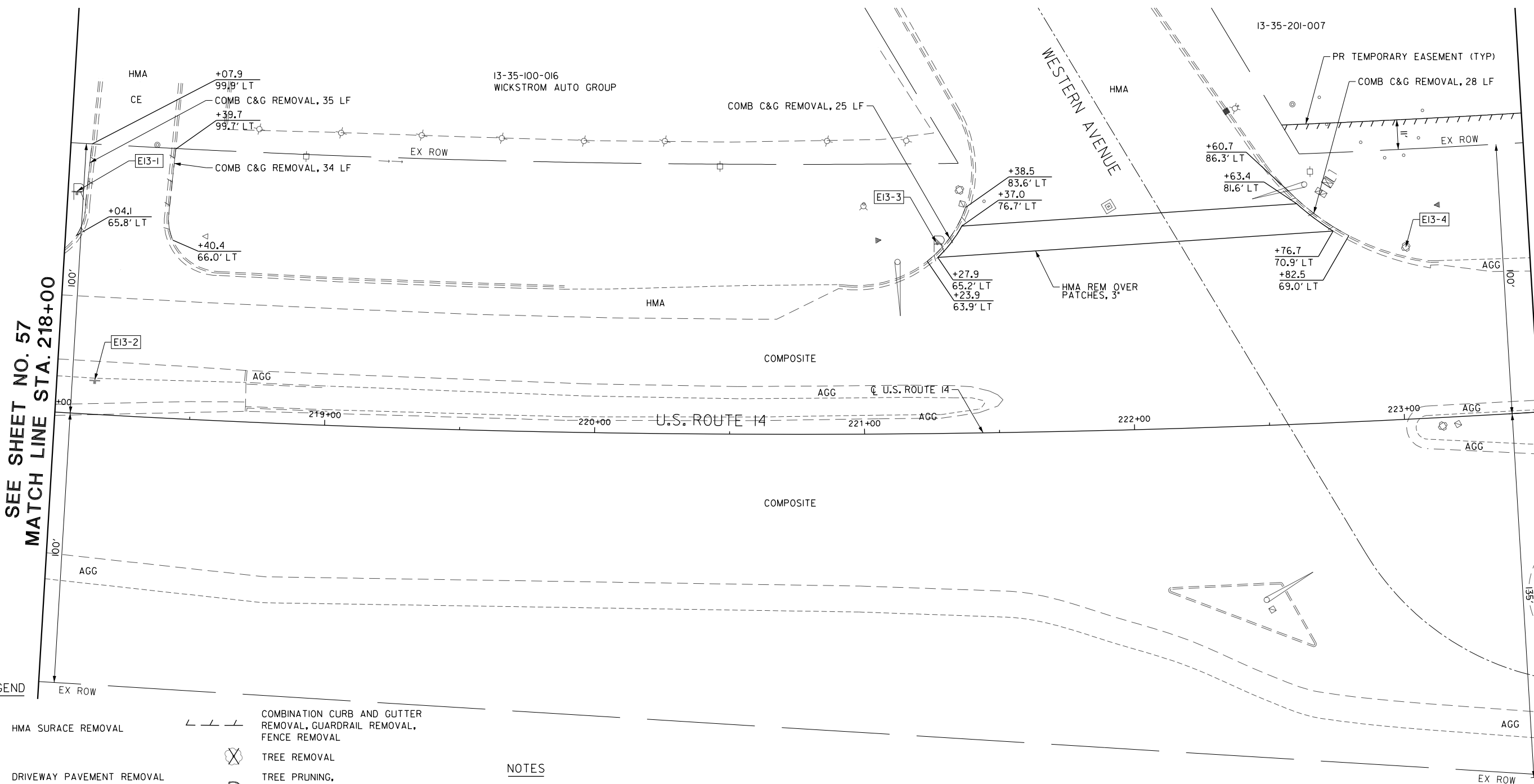
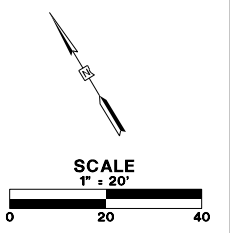
USER NAME = amkidd	DESIGNED - JLJ	REVISED -
DRAWN - AMK	CHECKED - JWC	REVISED -
PLOT SCALE = 40.00' / 1"	DATE - 5/22/2019	REVISED -
PLOT DATE = 5/22/2019		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 1:20 SHEET 12 OF 16 SHEETS STA. 213+00.00 TO STA. 218+00.00

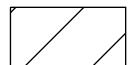
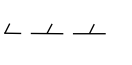




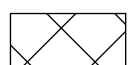

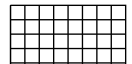



FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	57
CONTRACT NO. 6ID65			ILLINOIS FED. AID PROJECT	



SEE SHEET NO. 57
MATCH LINE STA. 218+00

SEE SHEET NO. 59
MATCH LINE STA. 223+50

LEGEND

- | | | | |
|---|---------------------------|---|---|
|  | HMA SURFACE REMOVAL |  | COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL |
|  | DRIVEWAY PAVEMENT REMOVAL |  | TREE REMOVAL |
|  | PAVED SHOULDER REMOVAL |  | TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING |
|  | PAVEMENT REMOVAL |  | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |
|  | SIDEWALK REMOVAL |  | SIGN REMOVAL |
| | |  | SIGN RELOCATION |
| | |  | SIGN REMOVAL BY OTHERS |
| | | | SIGN TO REMAIN |

NOTES

- DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
- FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
- FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E13-1	STOP SIGN	POST MOUNTED (GROUND)	30" x 30"	R1-1-30
E13-2	ONE WAY	POST MOUNTED (GROUND)	18" x 24"	R6-2(R)-1824
E13-3	NO TURN ON RED	POST MOUNTED (GROUND)	18" x 12"	R10-11a-1812
E13-4	(SHARED POST)	MOUNTED ON SIGNAL POST		
E13-4a	LEFT ON GREEN ARROW ONLY		30" x 30"	R10-5-30
E13-4b	RIGHT TURN ONLY		30" x 30"	R3-5(R)-30
E13-4c	FOLDED STOP SIGN		30" x 30"	R1-1-30

FILE NAME: G:\CH09-0176-Road\Sheet\130804-REM-13.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

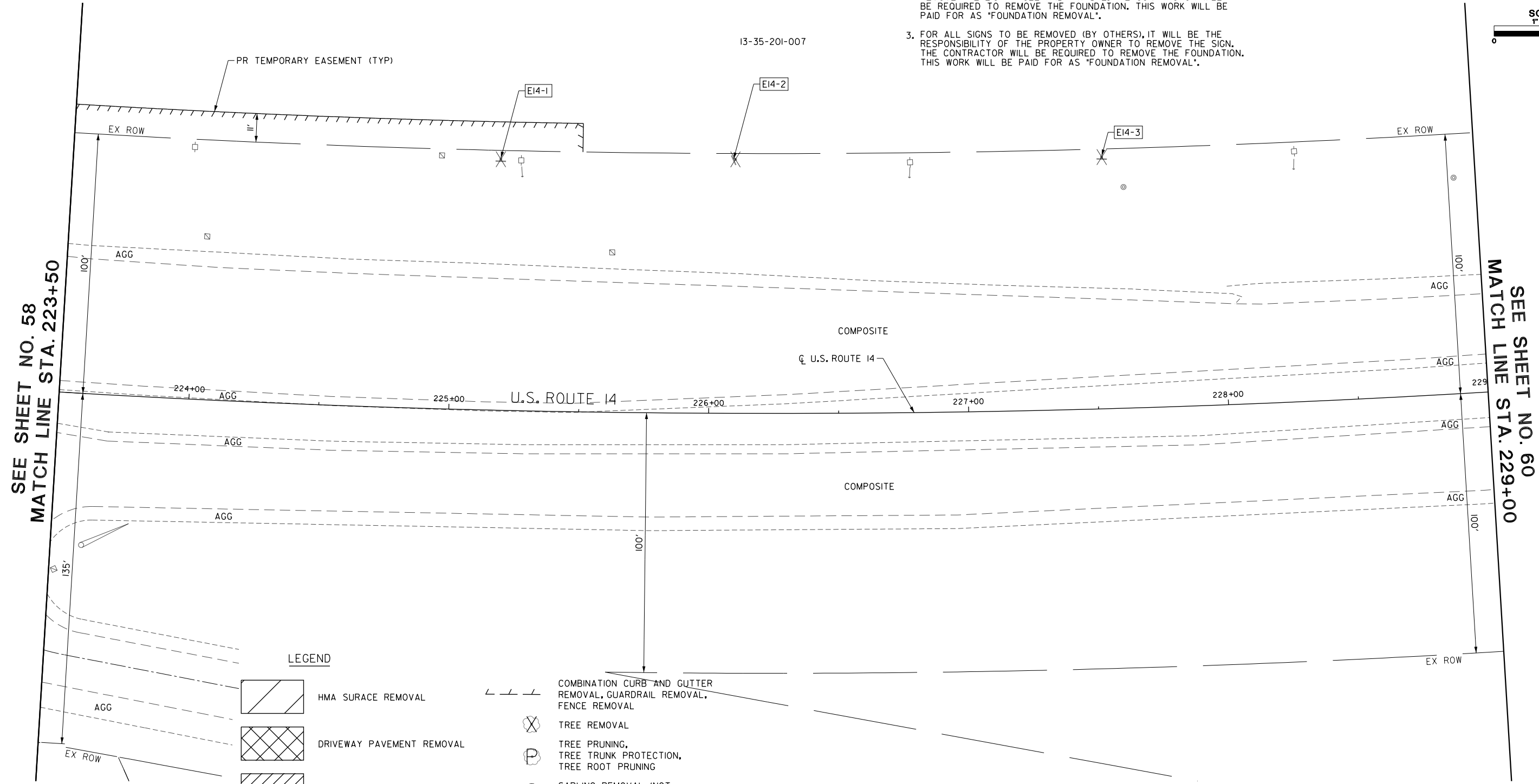
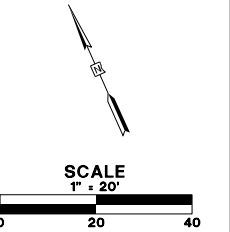
REMOVAL PLAN

SCALE: 1:20 SHEET 13 OF 16 SHEETS STA. 218+00.00 TO STA. 223+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	58
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				

NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS 'FOUNDATION REMOVAL'.



LEGEND

- | | | | |
|--|---------------------------|--|---|
| | HMA SURFACE REMOVAL | | COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL | | TREE REMOVAL |
| | PAVED SHOULDER REMOVAL | | TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING |
| | PAVEMENT REMOVAL | | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |
| | SIDEWALK REMOVAL | | SIGN REMOVAL |
| | | | SIGN RELOCATION |
| | | | SIGN REMOVAL BY OTHERS |
| | | | SIGN TO REMAIN |

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E14-1	OBJECT MARKER	POST MOUNTED (GROUND)	9" x 5"	
E14-2	OBJECT MARKER	POST MOUNTED (GROUND)	9" x 5"	
E14-3	OBJECT MARKER	POST MOUNTED (GROUND)	9" x 5"	

FILE NAME: G:\CH09\0176\Road\Sheets\108084-REM-14.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

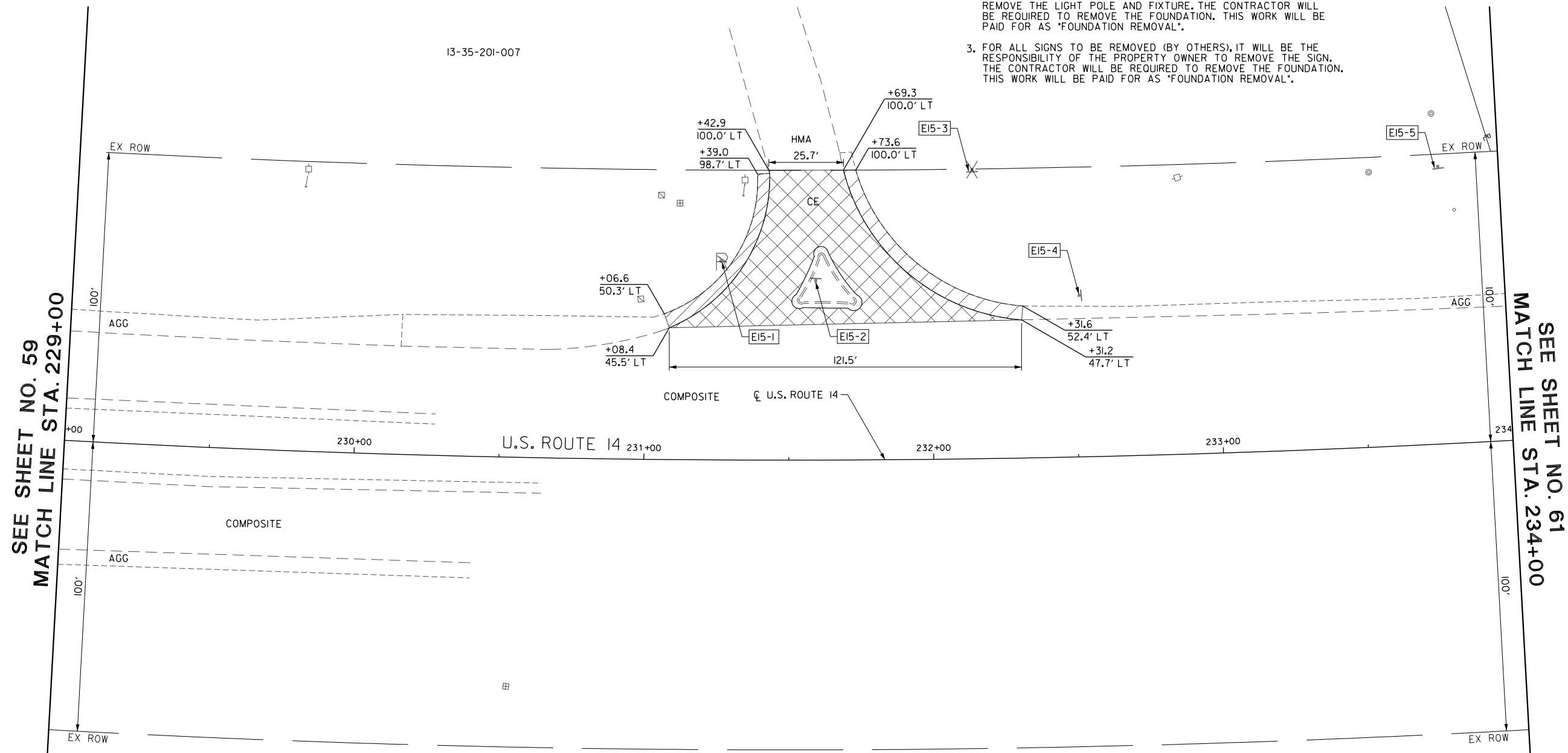
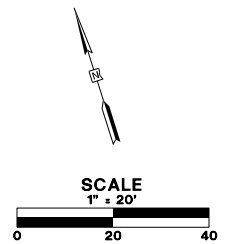
REMOVAL PLAN

SCALE: 1:20 SHEET 14 OF 16 SHEETS STA. 223+50.00 TO STA. 229+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	59
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".



SEE SHEET NO. 59
MATCH LINE STA. 229+00

SEE SHEET NO. 61
MATCH LINE STA. 234+00

LEGEND

- | | | | |
|--|---------------------------|--|---|
| | HMA SURFACE REMOVAL | | COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL | | TREE REMOVAL |
| | PAVED SHOULDER REMOVAL | | TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING |
| | PAVEMENT REMOVAL | | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |
| | SIDEWALK REMOVAL | | SIGN REMOVAL |
| | | | SIGN RELOCATION |
| | | | SIGN REMOVAL BY OTHERS |
| | | | SIGN TO REMAIN |

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E15-1	STOP SIGN	POST MOUNTED (GROUND)	30" x 30"	R1-1-30
E15-2	RIGHT TURN ONLY	POST MOUNTED (ISLAND)	30" x 30"	R3-5(R)-30
E15-3	OBJECT MARKER	POST MOUNTED (GROUND)	9" x 5"	
E15-4	RIGHT TURN ONLY	POST MOUNTED (GROUND)	30" x 30"	R3-5(R)-30
E15-5	OBJECT MARKER	POST MOUNTED (GROUND)	9" x 5"	

FILE NAME: G:\CH09\0176\Road\Sheet\15\08084-REM-15.dgn



USER NAME = amkidd	DESIGNED - JLW	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

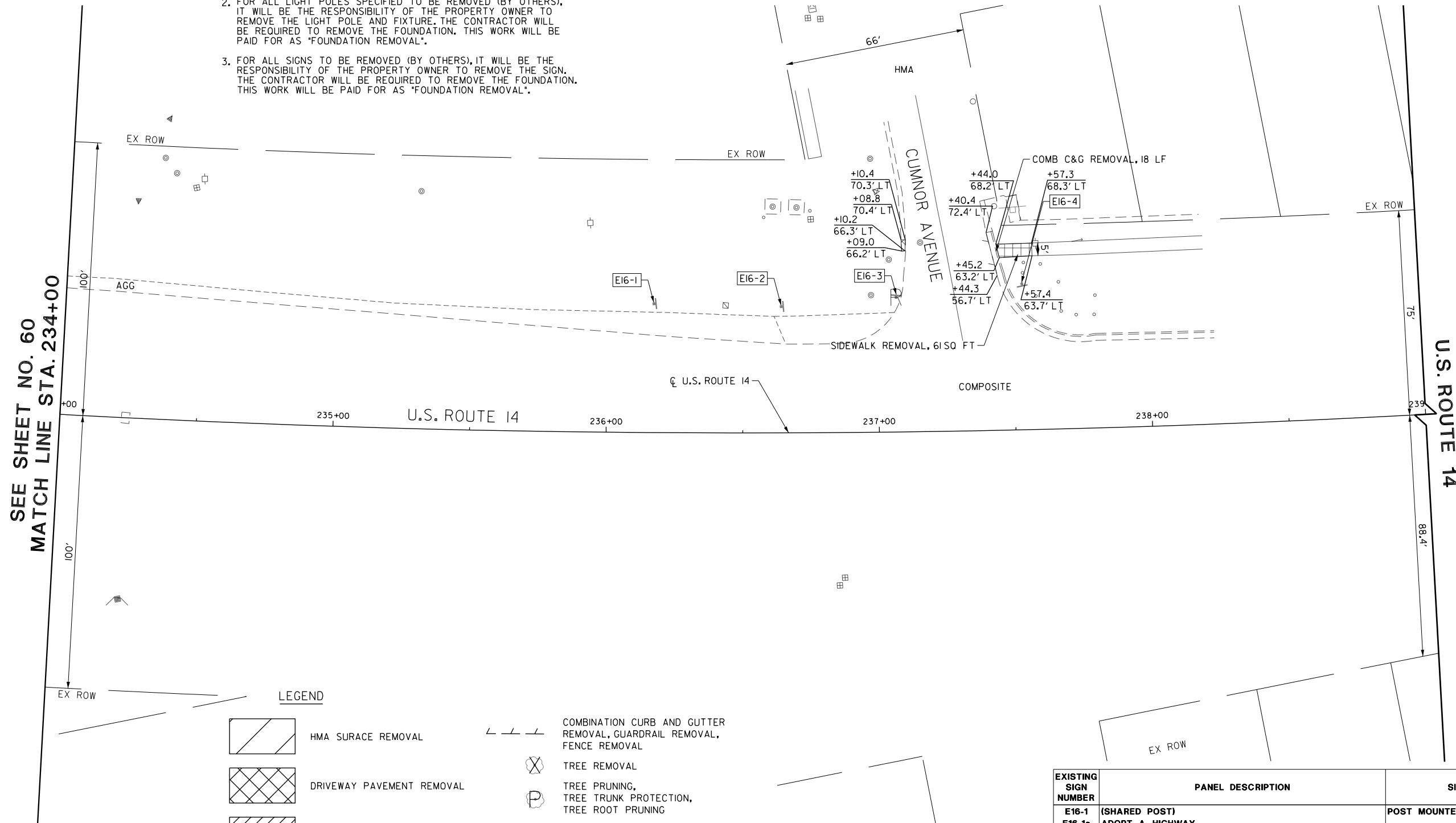
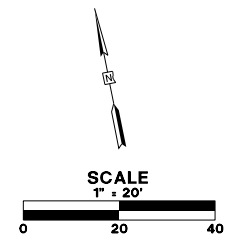
REMOVAL PLAN

SCALE: 1:20 SHEET 15 OF 16 SHEETS STA. 229+00.00 TO STA. 234+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	60
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				

NOTES

1. DRAINAGE AND UTILITY REMOVALS ARE SHOWN ON DRAINAGE AND UTILITY PLANS.
2. FOR ALL LIGHT POLES SPECIFIED TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE LIGHT POLE AND FIXTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".
3. FOR ALL SIGNS TO BE REMOVED (BY OTHERS), IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO REMOVE THE SIGN. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THE FOUNDATION. THIS WORK WILL BE PAID FOR AS "FOUNDATION REMOVAL".



LEGEND

- | | | | |
|--|---------------------------|--|---|
| | HMA SURFACE REMOVAL | | COMBINATION CURB AND GUTTER REMOVAL, GUARDRAIL REMOVAL, FENCE REMOVAL |
| | DRIVEWAY PAVEMENT REMOVAL | | TREE REMOVAL |
| | PAVED SHOULDER REMOVAL | | TREE PRUNING, TREE TRUNK PROTECTION, TREE ROOT PRUNING |
| | PAVEMENT REMOVAL | | SAPLING REMOVAL (NOT MEASURED FOR PAYMENT) |
| | SIDEWALK REMOVAL | | SIGN REMOVAL |
| | | | SIGN RELOCATION |
| | | | SIGN REMOVAL BY OTHERS |
| | | | SIGN TO REMAIN |

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	W x H	TYPE
E16-1	(SHARED POST)	POST MOUNTED (GROUND)	36" x 36"	
E16-1a	ADOPT A HIGHWAY			
E16-1b	BAIRD & WARNER NEXT MILE			
E16-2	SPEED LIMIT 45 MPH	POST MOUNTED (GROUND)	30" x 36"	R2-1-3036
E16-3	(SHARED POST)	POST MOUNTED (GROUND)	30" x 30"	R1-1-30
E16-3a	STOP SIGN			
E16-3b	NORTHWEST HWY			
E16-3c	CUMNOR AVE			
E16-4	(SHARED POST)	POST MOUNTED (GROUND)	24" x 30"	
E16-4a	LOAD LIMIT 8 TONS		24" x 30"	
E16-4b	WARNING NEIGHBORHOOD WATCH PROGRAM IN FORCE		24" x 30"	

FILE NAME: G:\CH09\0176\Road\Sheet\15108084-REM-16.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

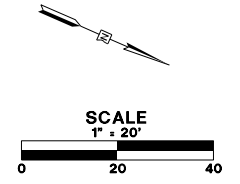
REMOVAL PLAN

SCALE: 1:20 SHEET 16 OF 16 SHEETS STA. 234+00.00 TO STA. 239+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	61
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

PROPOSED C CURVE DATA-HART ROAD

CURVE = PRCUR-HART1
 PI STA. = 94+09.69
 DELTA = 55° 21' 44" (LT)
 D = 4° 00' 00"
 R = 1,432.40
 T = 751.42
 L = 1,384.06
 E = 185.13
 e = 4.00%
 T.R. = 48.16
 S.E. RUN = 96.32
 PC STA. = 86+58.27
 PT STA. = 100+42.33

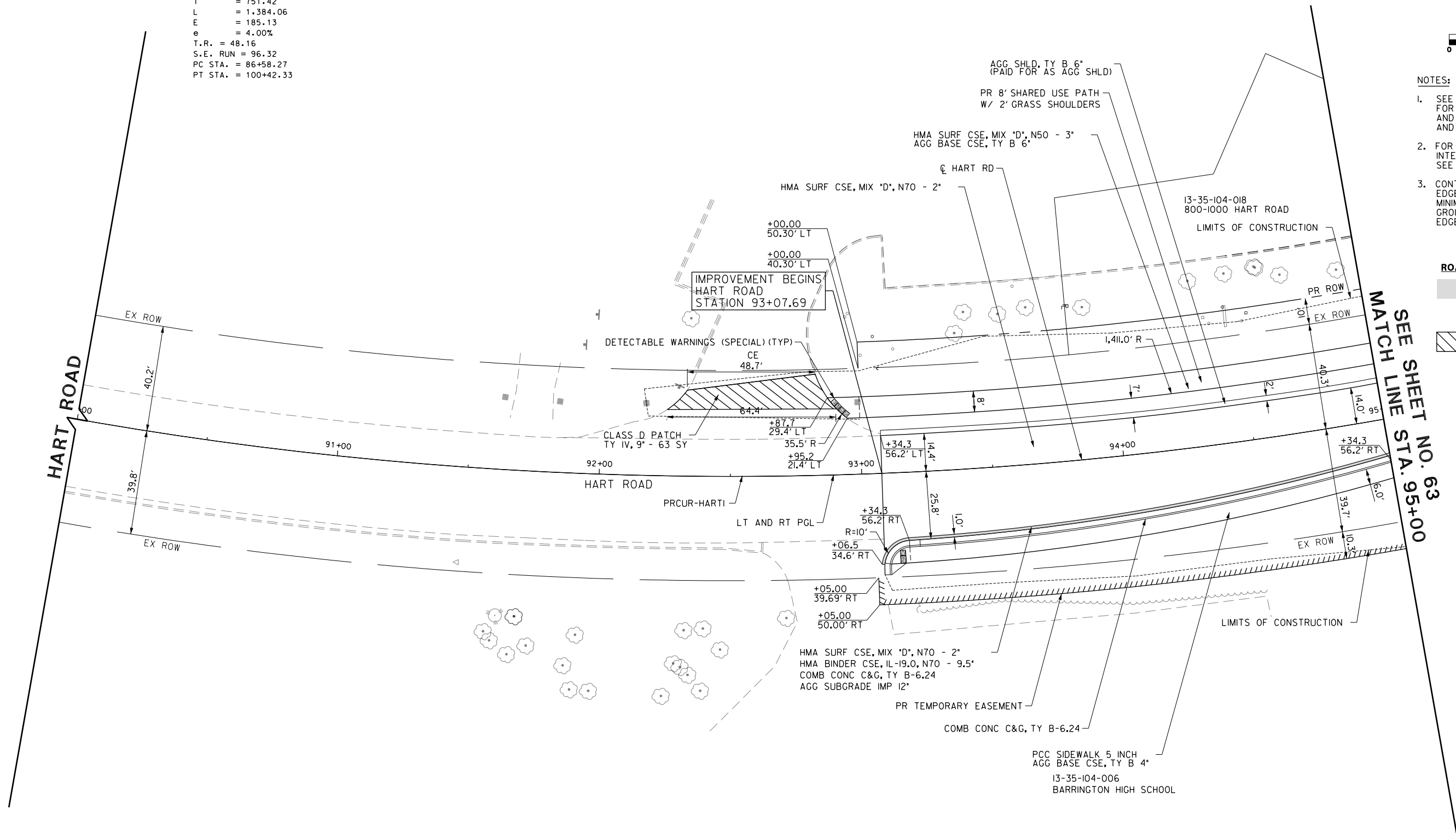


NOTES:

- SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
- FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
- CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)

ROADWAY LEGEND

- FULL DEPTH WIDENING
- PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED



FILE NAME: G:\ch09\0176\Road\Sheet\08084-PLAN-01.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

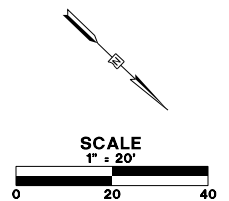
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

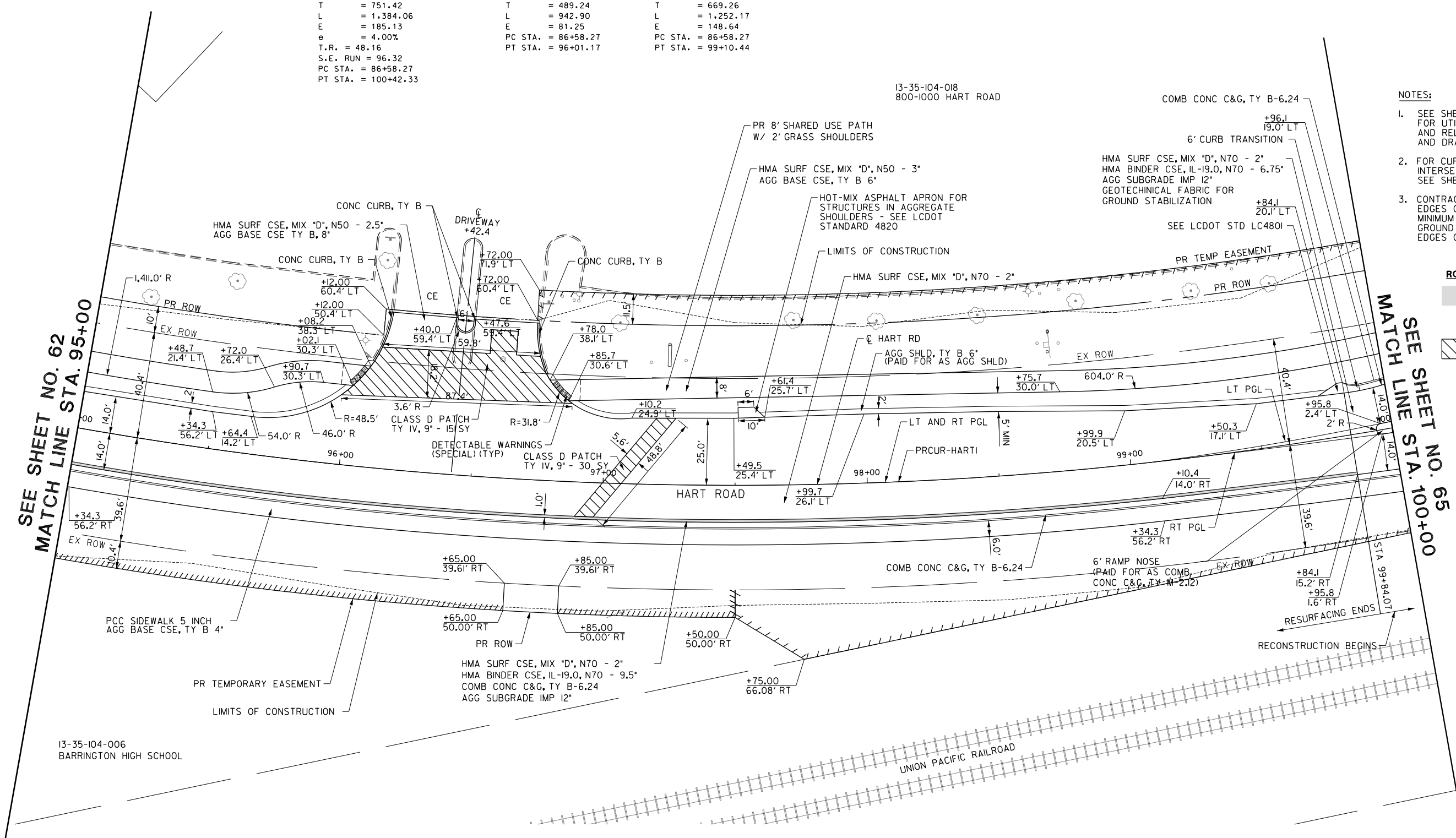
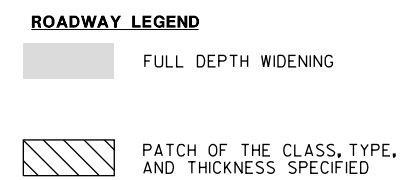
SCALE: 1:20 SHEET 1 OF 29 SHEETS STA. 90+00.00 TO STA. 95+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	62
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				

PROPOSED C CURVE DATA-HART ROAD	HART ROAD LT PGL	HART ROAD RT PGL
CURVE = PRCUR-HART1	CURVE = HART-2_PGLLT-1	CURVE = HART-2_PGLRT-1
PI STA. = 94+09.69	PI STA. = 91+47.51	PI STA. = 93+27.53
DELTA = 55° 21' 44" (LT)	DELTA = 37° 42' 57" (LT)	DELTA = 50° 05' 12" (LT)
D = 4° 00' 00"	D = 4° 00' 00"	D = 4° 00' 00"
R = 1,432.40	R = 1,432.40	R = 1,432.40
T = 751.42	T = 489.24	T = 669.26
L = 1,384.06	L = 942.90	L = 1,252.17
E = 185.13	E = 81.25	E = 148.64
e = 4.00%	PC STA. = 86+58.27	PC STA. = 86+58.27
T.R. = 48.16	PT STA. = 96+01.17	PT STA. = 99+10.44
S.E. RUN = 96.32		
PC STA. = 86+58.27		
PT STA. = 100+42.33		



- NOTES:**
- SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 - FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
 - CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)



SEE SHEET NO. 62
MATCH LINE STA. 95+00

MATCH LINE STA. 100+00
SEE SHEET NO. 65

FILE NAME: G:\109\0176\Road\Sheet\108084-PLAN-02.dgn



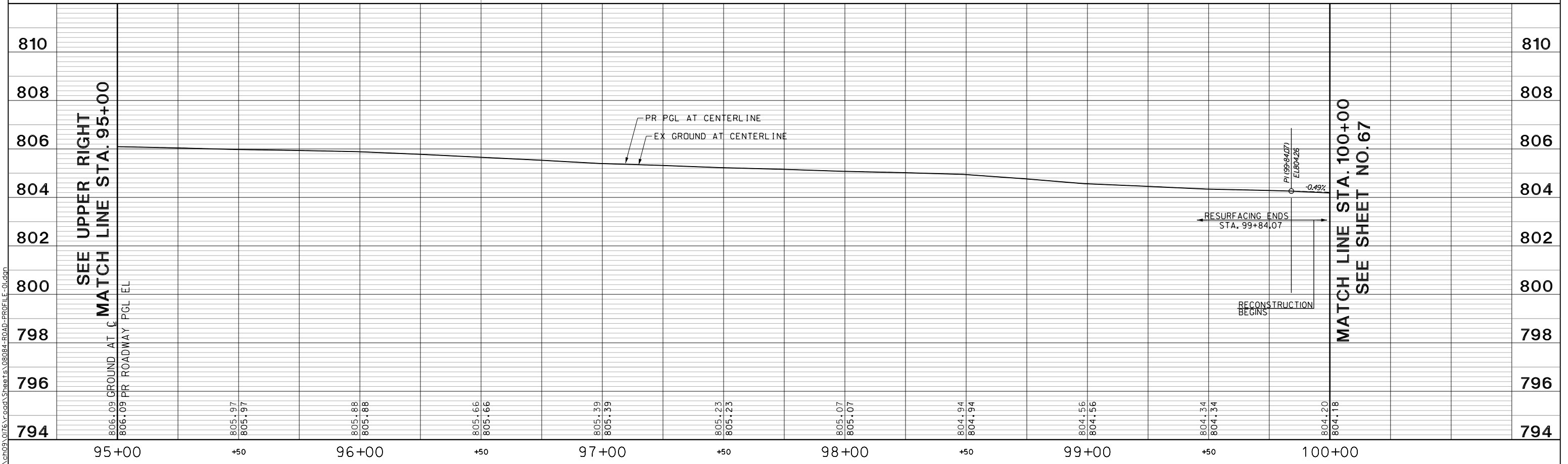
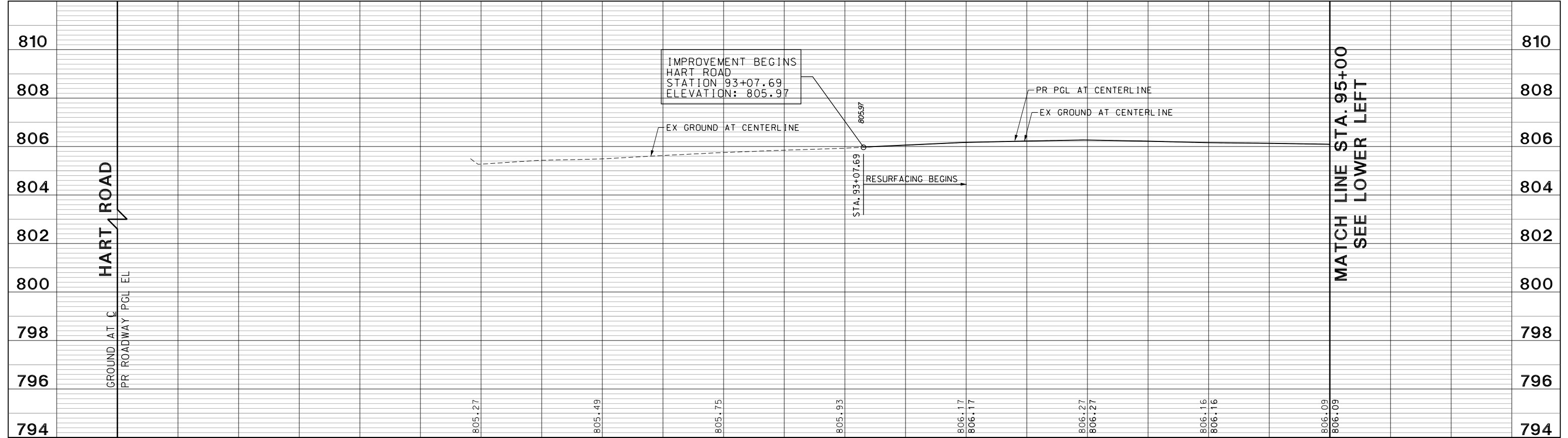
USER NAME = bmsetzke	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 7/8/2019	CHECKED - JWC	REVISED -
	DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1:20 SHEET 2 OF 29 SHEETS STA. 95+00.00 TO STA. 100+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	63
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				



FILE NAME: g:\c003\076_road\Sheets\08084-ROAD-PROFILE-01.dgn

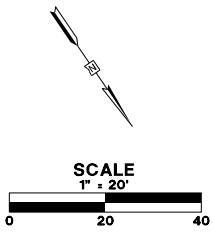


USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HART ROAD PROFILE	
SCALE: H: 1/20 V: 1/10	SHEET 3 OF 29 SHEETS
STA. 90+00.00 TO STA. 100+00.00	

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	15-00277-01-BR	LAKE	423	64
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				

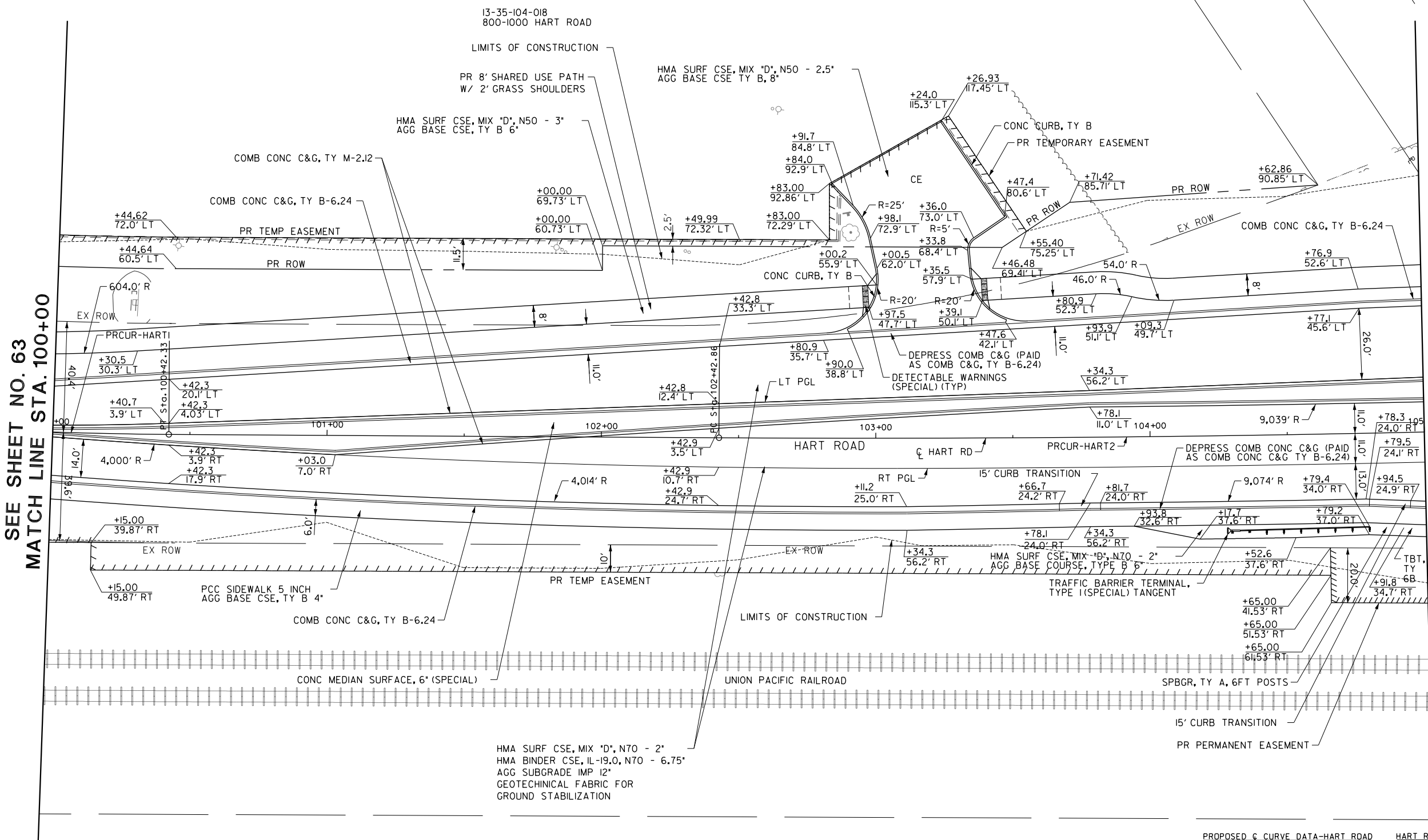


NOTES:

- SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
- FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
- CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)

ROADWAY LEGEND

- FULL DEPTH WIDENING
- PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED



SEE SHEET NO. 63
MATCH LINE STA. 100+00

SEE SHEET NO. 66
MATCH LINE STA. 105+00

PROPOSED C CURVE DATA-HART ROAD		HART ROAD LT PGL	HART ROAD RT PGL
CURVE	= PRUR-HART2	CURVE	= HART-2_PGLLT-2
PI STA.	= 104+04.69	PI STA.	= 98+23.53
DELTA	= 2° 02' 56" (LT)	DELTA	= 20° 59' 47" (LT)
D	= 0° 37' 59"	D	= 4° 46' 29"
R	= 9,050.00	R	= 1,200.00
T	= 161.82	T	= 222.37
L	= 323.61	L	= 439.75
E	= 1.45	E	= 20.43
e	= NC	PC STA.	= 96+01.17
PC STA.	= 102+42.86	PT STA.	= 100+40.91
PT STA.	= 105+66.47		

FILE NAME: g:\ch09\0176\road\Sheet\08084-PLAN-03.dgn



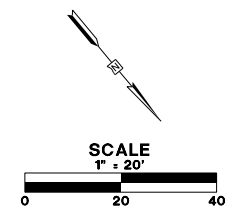
USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

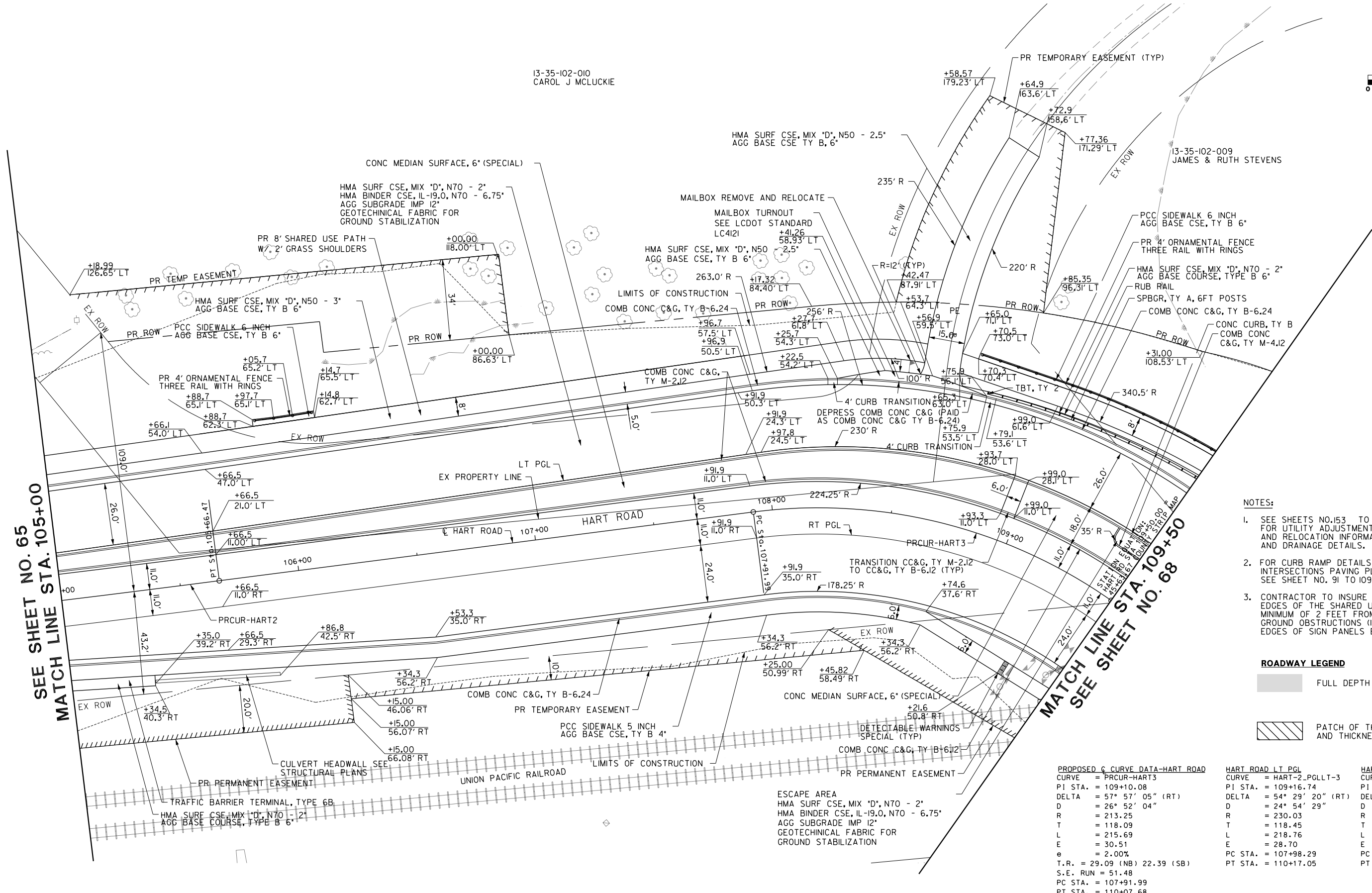
SCALE: 1:20 SHEET 4 OF 29 SHEETS STA.100+00.00 TO STA.105+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	65
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				



13-35-102-010
CAROL J MCLUCKIE

13-35-102-009
JAMES & RUTH STEVENS



SEE SHEET NO. 65
MATCH LINE STA. 105+00

MATCH LINE STA. 109+50
SEE SHEET NO. 68

NOTES:

1. SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
2. FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
3. CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)

ROADWAY LEGEND

- FULL DEPTH WIDENING
- PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED

PROPOSED C CURVE DATA-HART ROAD

CURVE	= PRCUR-HART3
PI STA.	= 109+10.08
DELTA	= 57° 57' 05" (RT)
D	= 26° 52' 04"
R	= 213.25
T	= 118.09
L	= 215.69
E	= 30.51
e	= 2.00%
T.R.	= 29.09 (NB) 22.39 (SB)
S.E. RUN	= 51.48
PC STA.	= 107+91.99
PT STA.	= 110+07.68

HART ROAD LT PGL	HART ROAD RT PGL
CURVE = HART-2_PGLLT-3	CURVE = HART-2_PGLRT-3
PI STA. = 109+16.74	PI STA. = 104+38.65
DELTA = 54° 29' 20" (RT)	DELTA = 1° 37' 33" (LT)
D = 24° 54' 29"	D = 0° 37' 24"
R = 230.03	R = 9,190.25
T = 118.45	T = 130.40
L = 218.76	L = 260.78
E = 28.70	E = 0.93
PC STA. = 107+98.29	PC STA. = 103+08.26
PT STA. = 110+17.05	PT STA. = 105+69.03

FILE NAME: G:\VCH09\0176\Road\Sheet\108084-PLAN-04.dgn



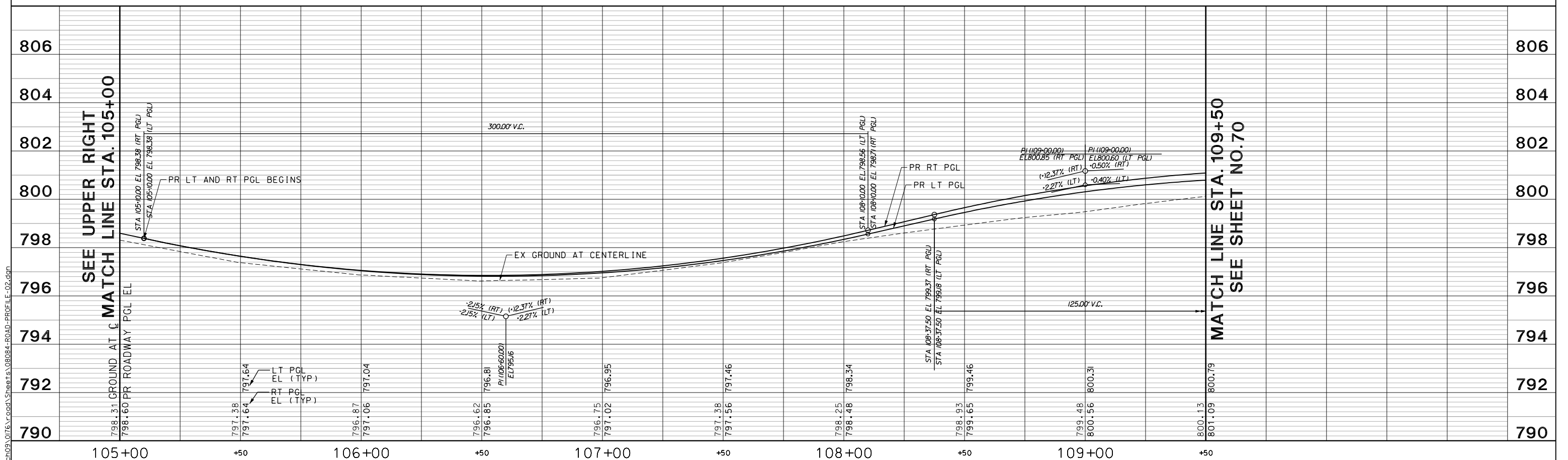
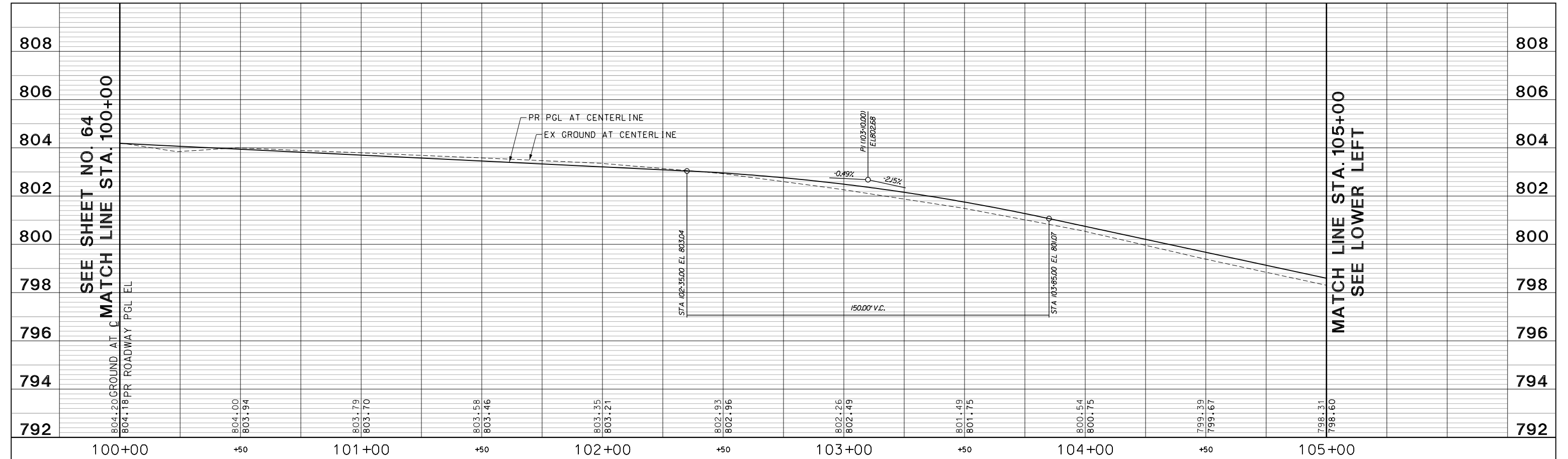
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1:20 SHEET 5 OF 29 SHEETS STA. 105+00.00 TO STA. 109+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	66
				CONTRACT NO. 6ID65
ILLINOIS FED. AID PROJECT				



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

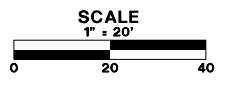
HART ROAD PROFILE

SCALE: H: 1"=20'
V: 1"=10'

SHEET 6 OF 29 SHEETS STA. 100+00.00 TO STA. 109+50.00

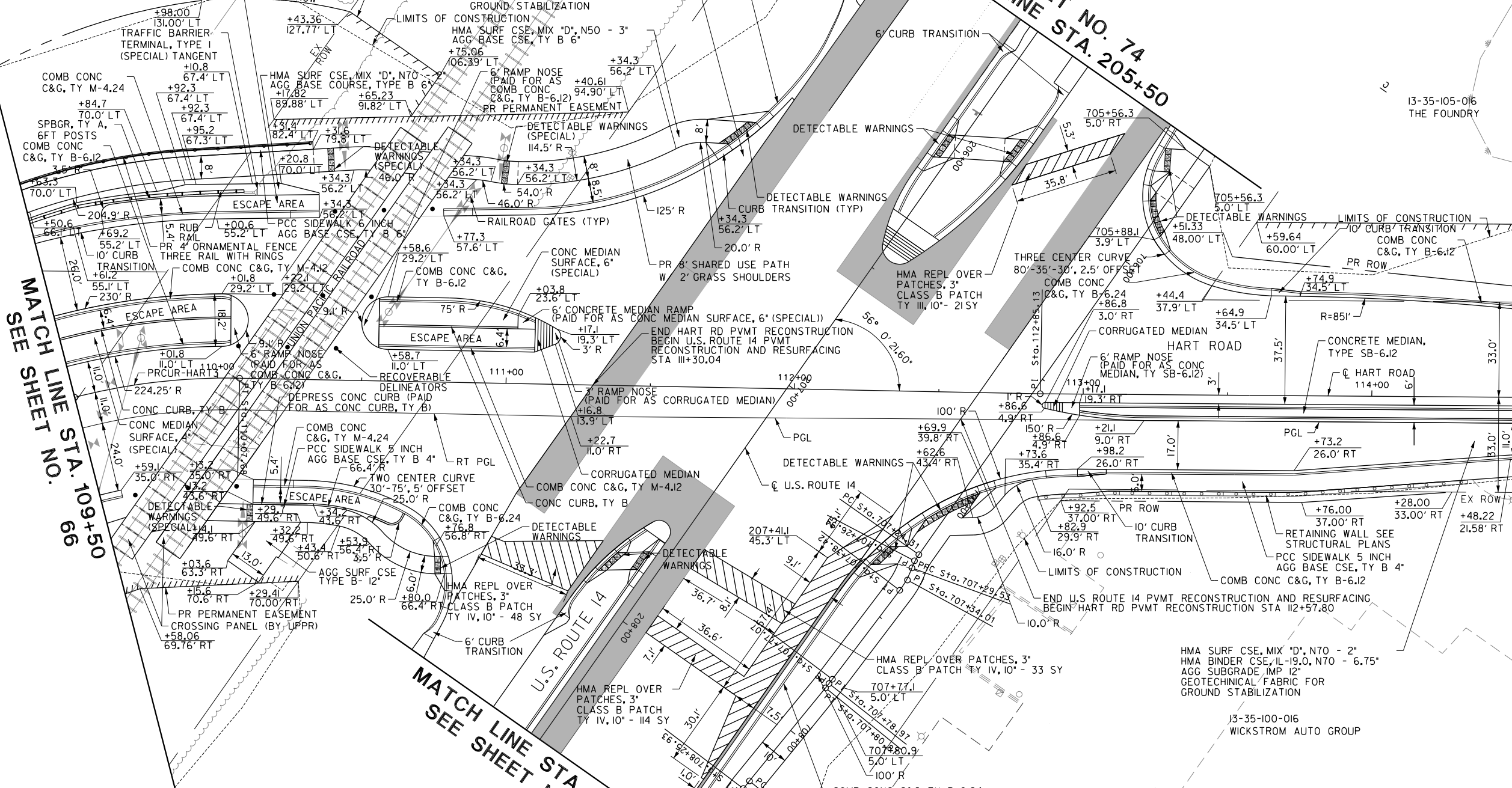
FAU RTE. 2549	SECTION 15-00277-01-BR	COUNTY LAKE	TOTAL SHEETS 423	SHEET NO. 67
CONTRACT NO. 61D65				ILLINOIS FED. AID PROJECT

FILE NAME: g:\c09\076_road\Sheets\08084-ROAD-PROFILE-02.dgn



HMA SURF CSE, MIX "D", N70 - 2"
 HMA BINDER CSE, IL-19.0, N70 - 6.75"
 AGG SUBGRADE IMP 12"
 GEOTECHNICAL FABRIC FOR
 GROUND STABILIZATION, TYP

HMA SURF CSE, MIX "D", N70 - 2"
 HMA BINDER CSE, IL-19.0, N70 - 6.75"
 AGG SUBGRADE IMP 12"
 GEOTECHNICAL FABRIC FOR
 GROUND STABILIZATION



PROPOSED CURVE DATA-HART ROAD		HART ROAD LT PGL		HART ROAD RT PGL	
CURVE =	PRCUR-HART3	CURVE =	HART-2_PGLLT-3	CURVE =	HART-2_PGLRT-3
PI STA. =	109+10.08	PI STA. =	109+16.74	PI STA. =	104+38.65
DELTA =	57° 57' 05" (RT)	DELTA =	54° 29' 20" (RT)	DELTA =	1° 37' 33" (LT)
D =	26° 52' 04"	D =	24° 54' 29"	D =	0° 37' 24"
R =	213.25	R =	230.03	R =	9,190.25
T =	118.09	T =	118.45	T =	130.40
L =	215.69	L =	218.76	L =	260.78
E =	30.51	E =	28.70	E =	0.93
e =	2.00%	PC STA. =	107+98.29	PC STA. =	103+08.26
T.R. =	29.09 (NB) 22.39 (SB)	PT STA. =	110+17.05	PT STA. =	105+69.03
S.E. RUN =	51.48				
PC STA. =	107+91.99				
PT STA. =	110+07.68				

MATCH LINE STA. 114+50
SEE SHEET NO. 69

MATCH LINE STA. 109+50
SEE SHEET NO. 66

MATCH LINE STA. 208+50
SEE SHEET NO. 77

MATCH LINE STA. 205+50
SEE SHEET NO. 74

- NOTES:
- SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 - FOR U.S. ROUTE 14 INTERSECTION CALLOUTS, REFER TO SHEET NO.71
 - FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
 - CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)
 - ALL ESCAPE AREAS SHALL CONSIST OF:
 HMA SURF CSE, MIX "D", N70 - 2"
 HMA BINDER CSE, IL-19.0, N70 - 6.75"
 AGG SUBGRADE IMP 12"
 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - CONTRACTOR AND ENGINEER SHALL REFERENCE THE APPROVED AGREEMENTS BETWEEN LCDOT AND UNION PACIFIC RAILROAD FOR WORK TO BE DONE WITHIN THE RAILROAD ROW.

ROADWAY LEGEND

	FULL DEPTH WIDENING/RECONSTRUCTION: POLY HMA SURF CSE, MIX "E", N70 - 2" POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1" (FOR WIDENING GREATER THAN SIX FEET) USE PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10" OR (FOR WIDENING OF SIX FEET OR LESS) USE AGG SUBGRADE IMP 12"
	PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED

FILE NAME: G:\0909\0176\Road\Sheet\108084-PLAN-05.dgn



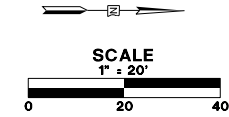
USER NAME =	bmsetzke	DESIGNED -	JLV	REVISED -	
PLOT SCALE =	40.00' / 1"	DRAWN -	AMK	REVISED -	
PLOT DATE =	7/8/2019	CHECKED -	JWC	REVISED -	
		DATE -	7/10/2019	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

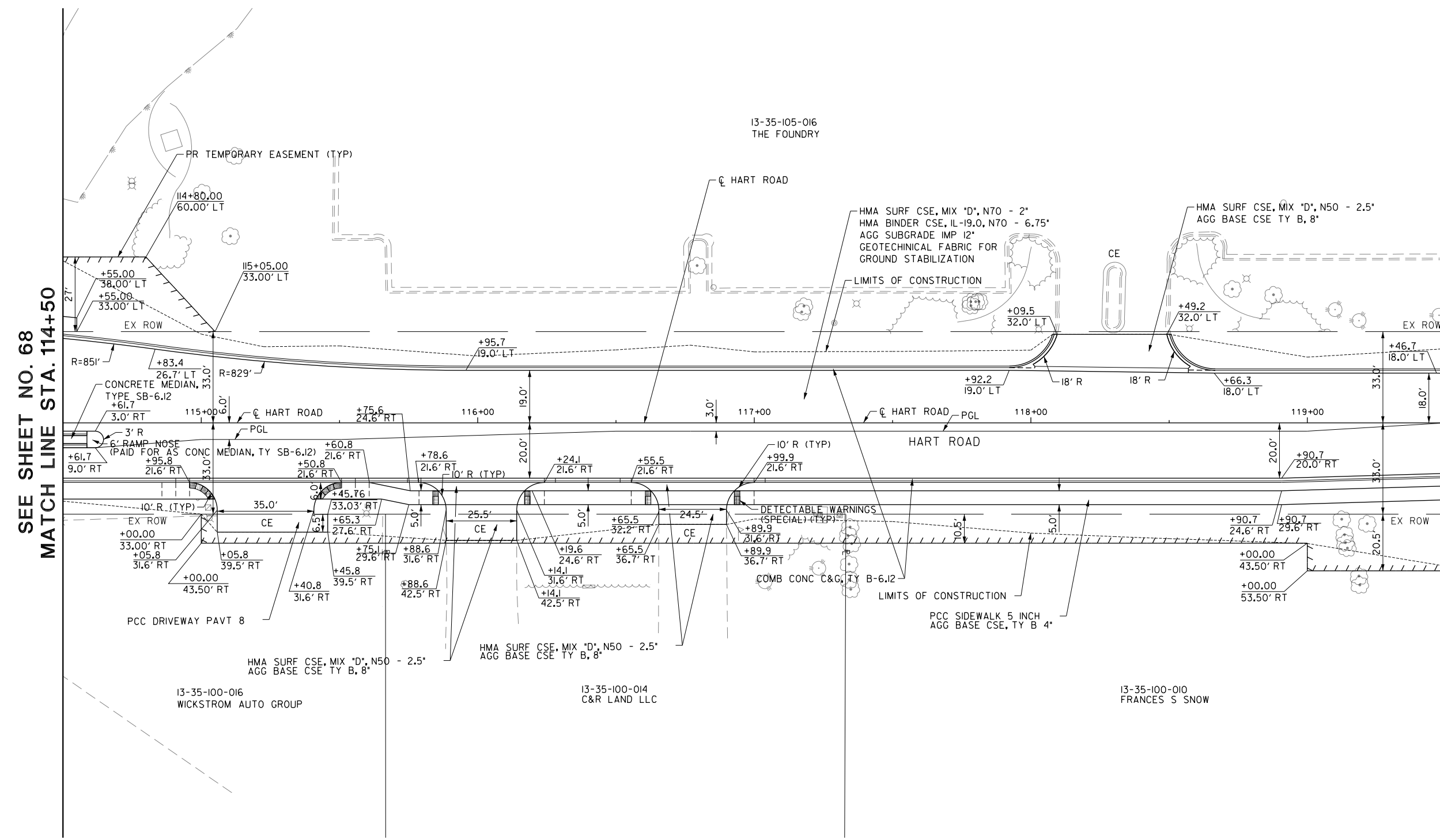
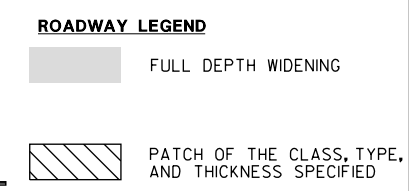
ROADWAY PLAN

SCALE: 1:20 SHEET 7 OF 29 SHEETS STA. 109+50.00 TO STA. 114+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	68
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				



- NOTES:
- SEE SHEETS NO. 153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 - FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109



SEE SHEET NO. 68
MATCH LINE STA. 114+50

MATCH LINE STA. 119+50
SEE SHEET NO. 71

FILE NAME: G:\ch09\0176\Road\Sheet\13-35-100-014-PLAN-06.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

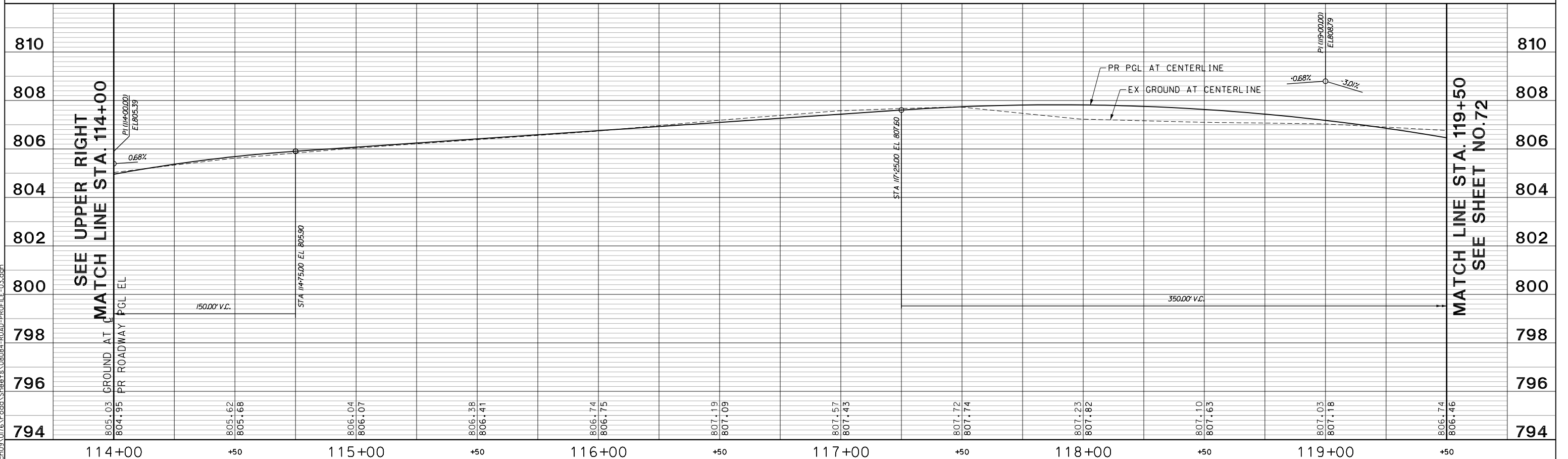
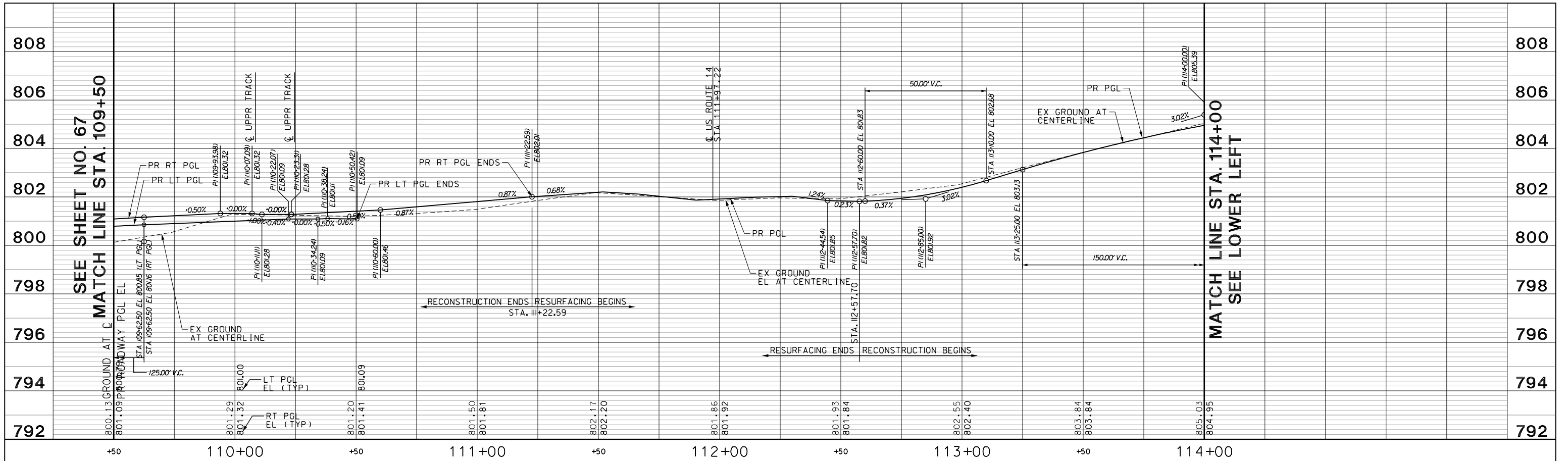
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1:20 SHEET 8 OF 29 SHEETS STA. 114+50.00 TO STA. 119+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	69
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

FILE NAME: g:\cnc03\076\road\Sheets\08084-ROAD-PROFILE-03.dgn



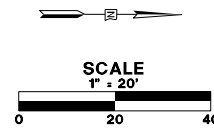
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

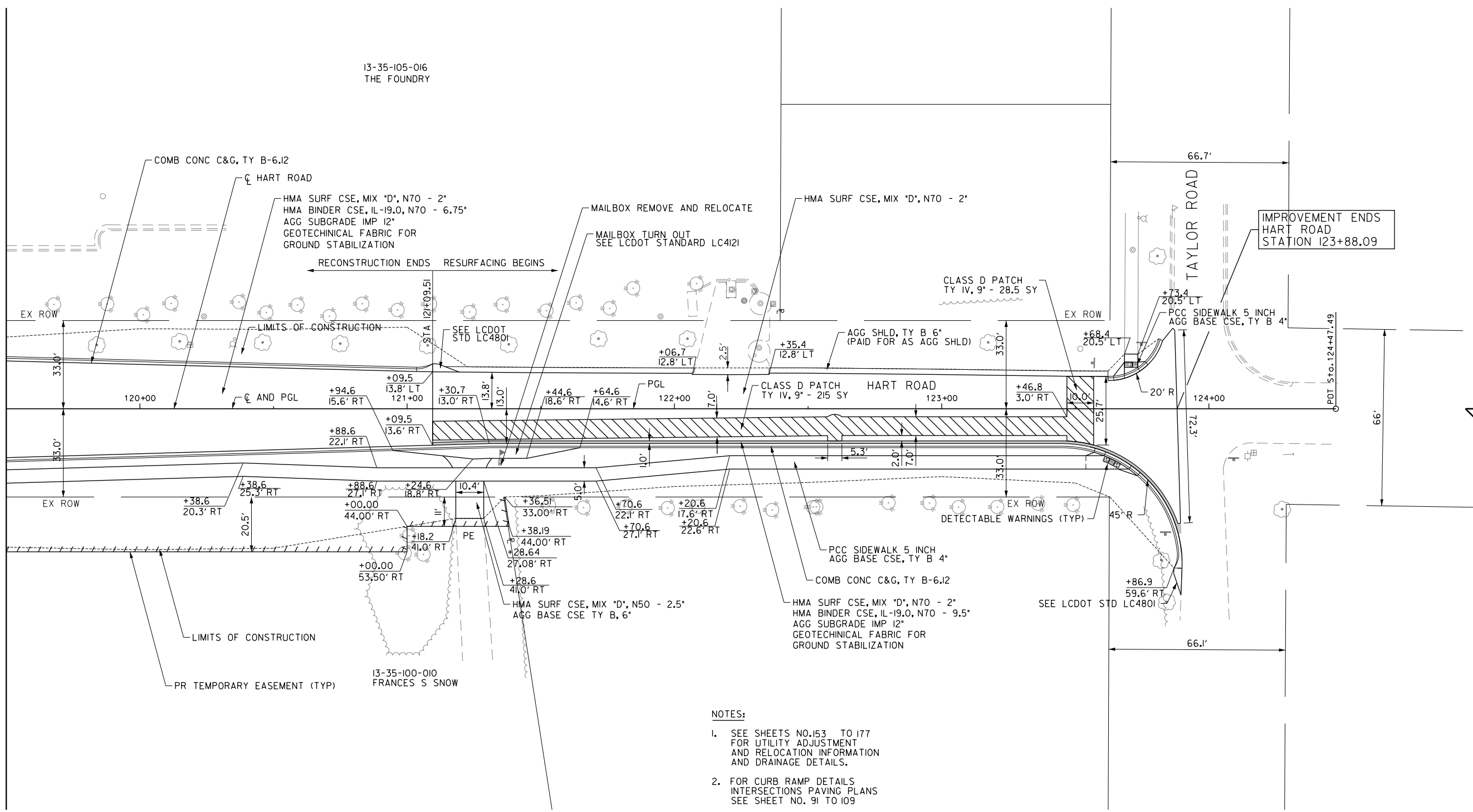
HART ROAD PROFILE

SCALE: H: 1/20 V: 1/10 SHEET 9 OF 29 SHEETS STA. 109+50.00 TO STA. 119+50.00

FAU R.T.E. 2549	SECTION 15-00277-01-BR	COUNTY LAKE	TOTAL SHEETS 423	SHEET NO. 70
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				



SEE SHEET NO. 69
MATCH LINE STA. 119+50



NOTES:

1. SEE SHEETS NO. 153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
2. FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109

ROADWAY LEGEND

- FULL DEPTH WIDENING
- PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED

FILE NAME: G:\en09\0176\Road\Sheet\1508084-PLAN-07.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

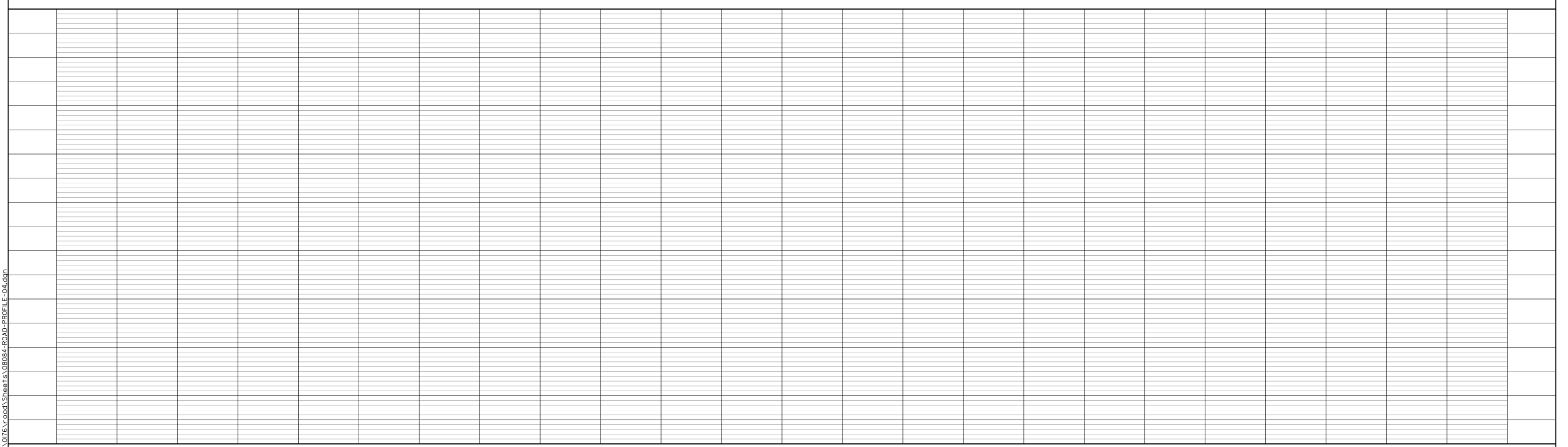
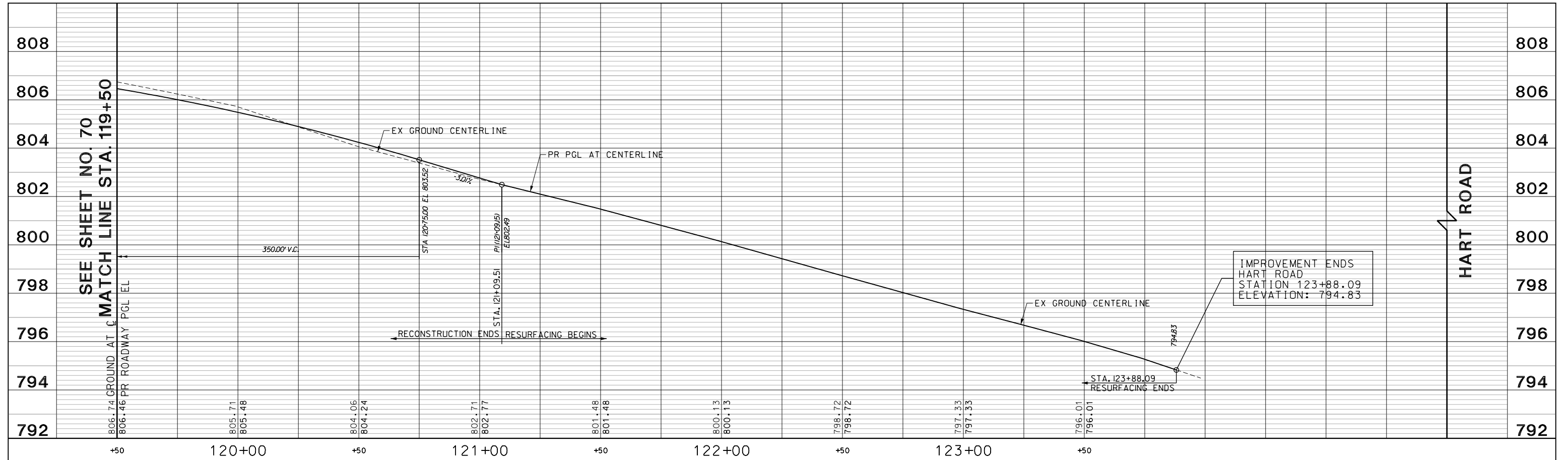
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1:20 SHEET 10 OF 29 SHEETS STA. 119+50.00 TO STA. 125+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	71
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

FILE NAME: g:\ch09\076_Road\Sheets\08084-ROAD-PROFILE-04.dgn



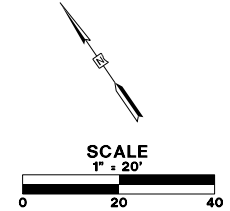
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HART ROAD PROFILE

SCALE: H: 1"=20' V: 1"=10' SHEET II OF 29 SHEETS STA. 119+50.00 TO STA. 125+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	15-00277-01-BR	LAKE	423	72
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

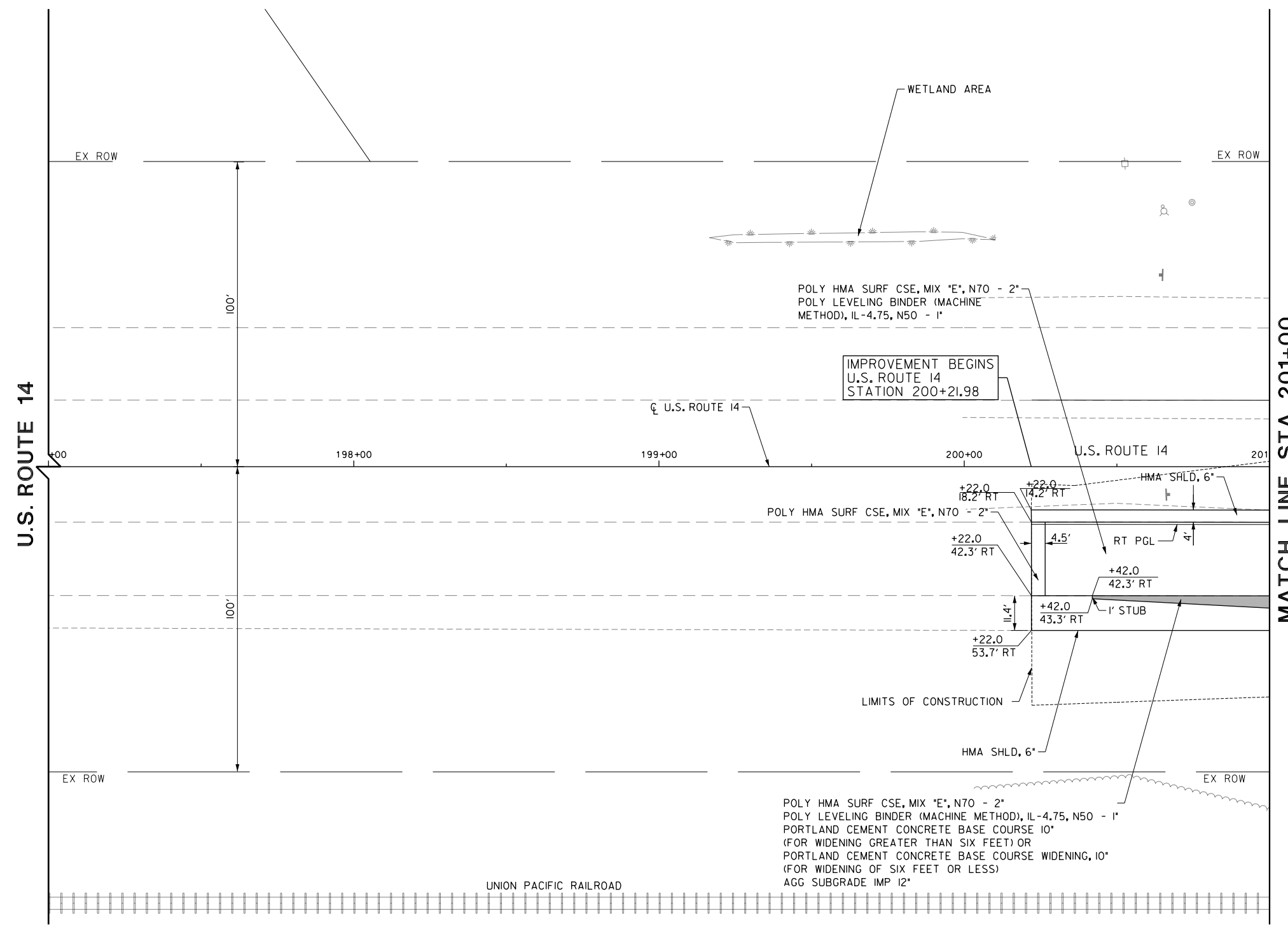


NOTES:

1. SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
2. FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109

ROADWAY LEGEND

- FULL DEPTH WIDENING
- PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED



U.S. ROUTE 14

MATCH LINE STA. 201+00
SEE SHEET NO. 74

FILE NAME: g:\ch09\0176\Road\Sheet\08084-PLAN-08.dgn



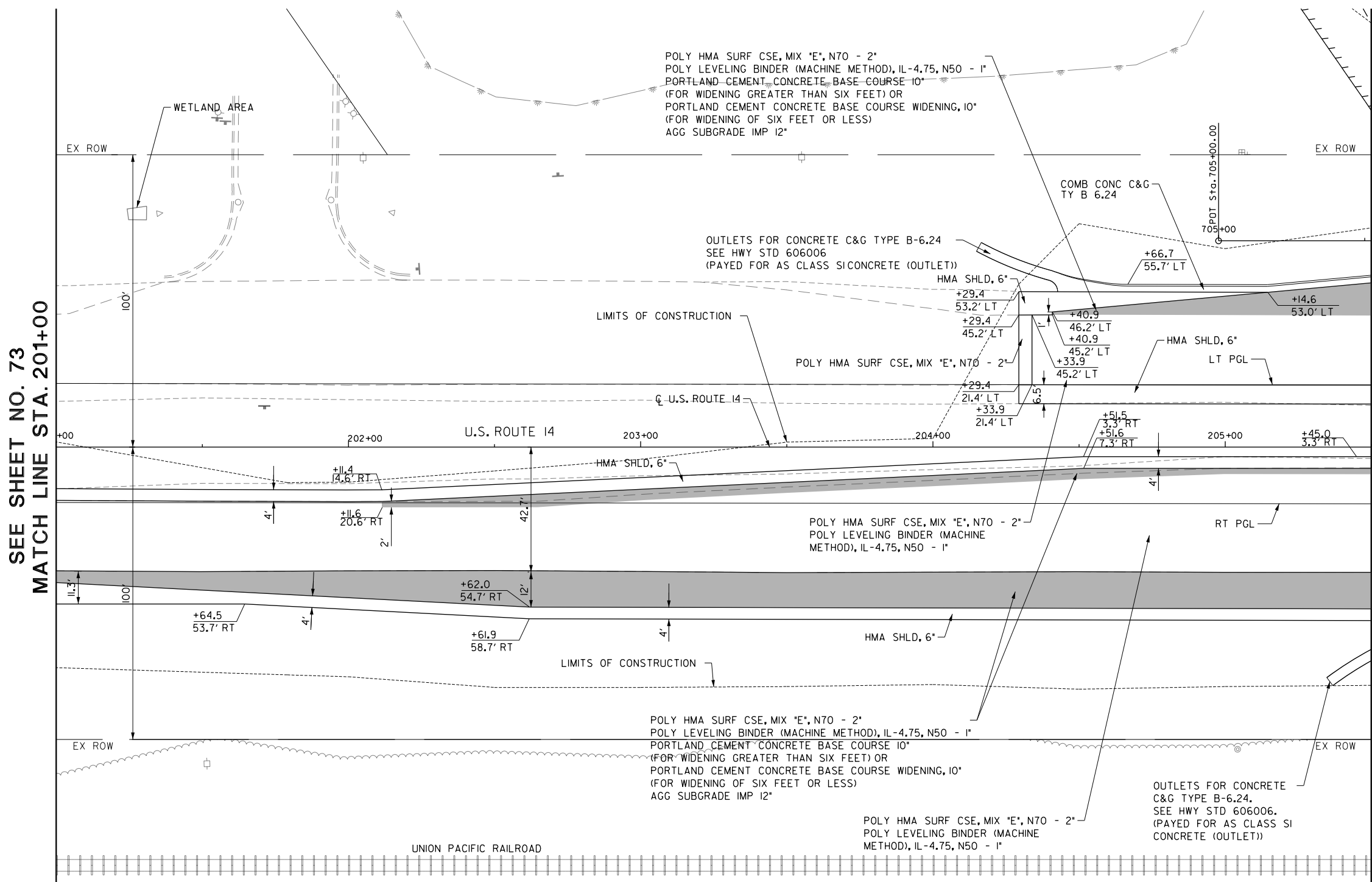
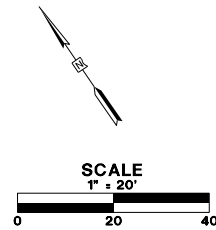
USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

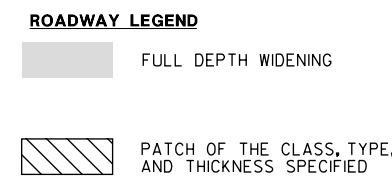
ROADWAY PLAN

SCALE: 1:20 SHEET 12 OF 29 SHEETS STA. 197+00.00 TO STA. 201+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	73
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- SEE SHEETS NO. 153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 - FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109



SEE SHEET NO. 73
MATCH LINE STA. 201+00

MATCH LINE STA. 205+50
SEE SHEET NO. 76

FILE NAME: G:\en09\0176\Road\Sheet\08084-PLAN-09.dgn



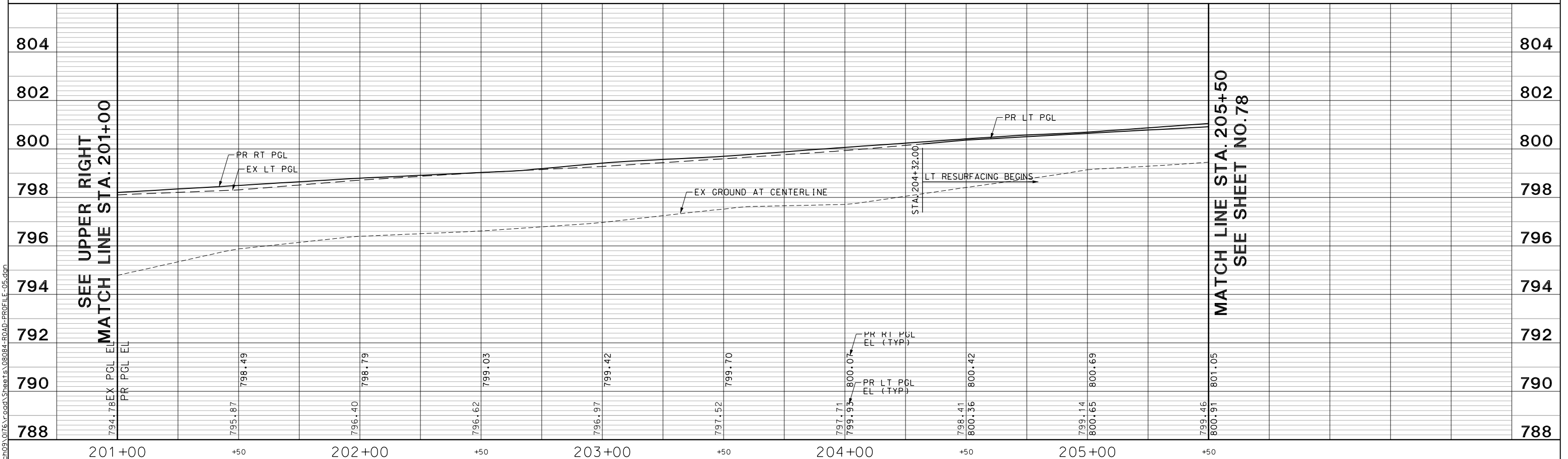
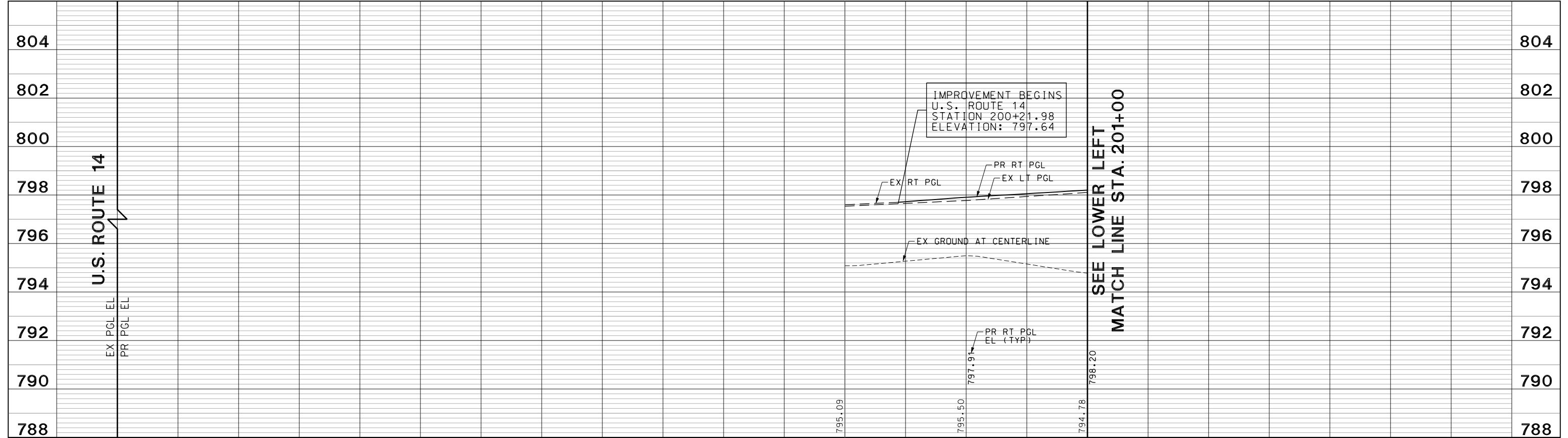
USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1:20 SHEET 13 OF 29 SHEETS STA. 201+00.00 TO STA. 205+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	74
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				



FILE NAME: g:\c009\076\road\Sheets\08084-ROAD-PROFILE-05.dgn



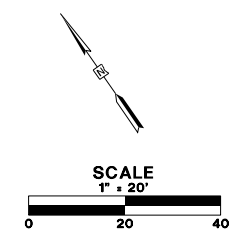
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. ROUTE 14 PROFILE

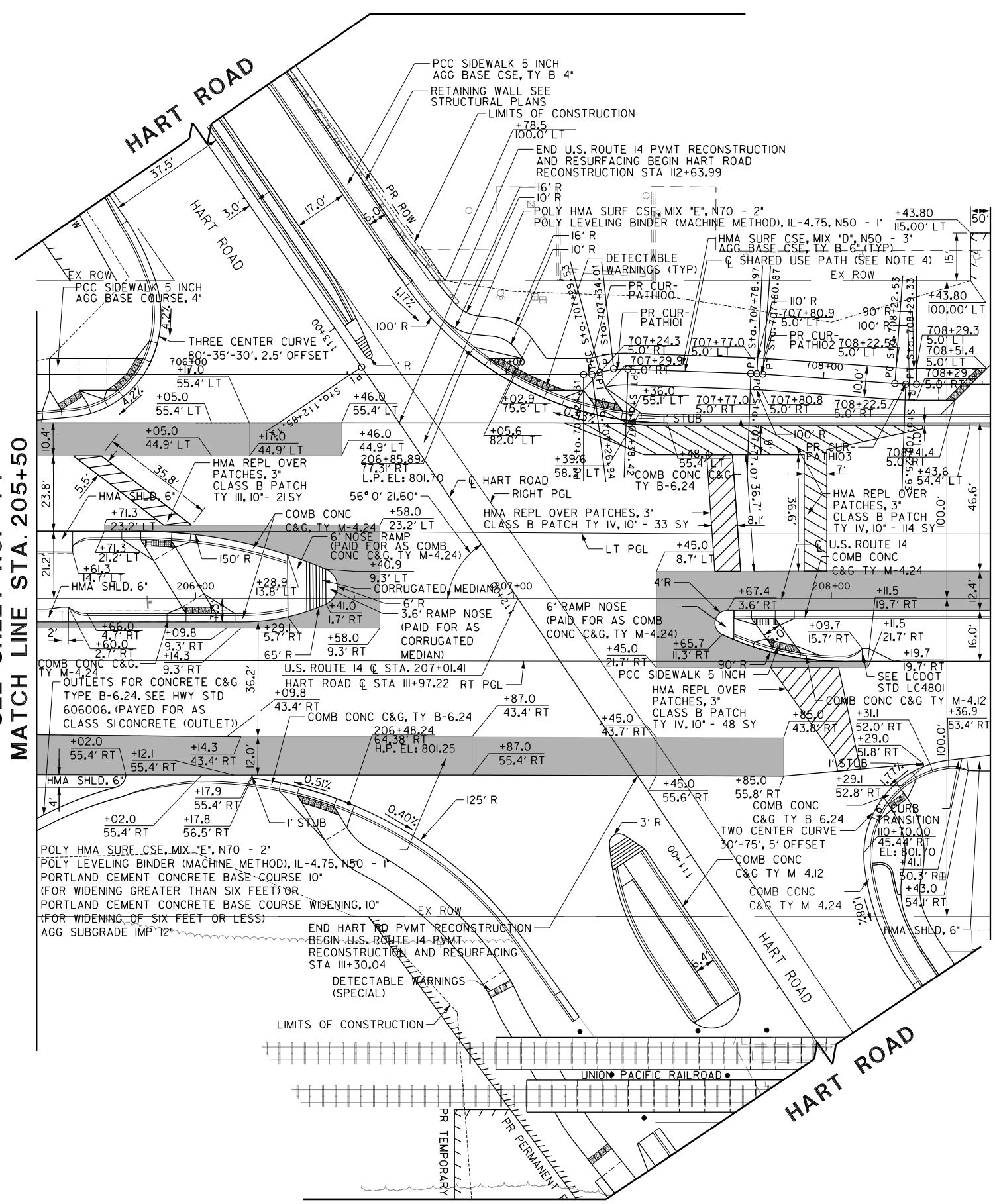
SCALE: H: V: 1" = 20' 1" = 10' SHEET 14 OF 29 SHEETS STA. 197+00.00 TO STA. 205+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	15-00277-01-BR	LAKE	423	75
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				



SEE SHEET NO. 74
MATCH LINE STA. 205+50

MATCH LINE STA. 208+50
SEE SHEET NO. 77



- NOTES:**
1. SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 2. FOR HART ROAD INTERSECTION CALLOUTS, REFER TO SHEET NO.66
 3. FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO.91 TO 109
 4. CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)

ROADWAY LEGEND

	FULL DEPTH WIDENING/RECONSTRUCTION: POLY HMA SURF C&E, MIX 'E', N70 - 2' POLY LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1' (FOR WIDENING GREATER THAN SIX FEET) USE PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 10' OR (FOR WIDENING OF SIX FEET OR LESS) USE AGG SUBGRADE IMP 12'
	PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED

CURVE = PRPATH-100	CURVE = PRPATH-101	CURVE = PRPATH-102	CURVE = PRPATH-103
PI STA. = 707+26.94	PI STA. = 707+34.01	PI STA. = 707+78.97	PI STA. = 708+25.93
DELTA = 14° 56' 42" (LT)	DELTA = 16° 58' 17" (RT)	DELTA = 2° 04' 31" (RT)	DELTA = 4° 06' 06" (LT)
D = 286° 28' 44"	D = 190° 59' 09"	D = 54° 34' 03"	D = 60° 18' 41"
R = 20.00	R = 30.00	R = 105.00	R = 95.00
T = 2.62	T = 4.48	T = 1.90	T = 3.40
L = 5.22	L = 8.89	L = 3.80	L = 6.80
E = 0.17	E = 0.33	E = 0.02	E = 0.06
PC STA. = 707+24.31	PC STA. = 707+29.53	PC STA. = 707+77.07	PC STA. = 708+22.53
PT STA. = 707+29.53	PT STA. = 707+38.42	PT STA. = 707+80.87	PT STA. = 708+29.33

FILE NAME: G:\vch09\0176\Road\Sheet\08084-PLAN-0.dgn



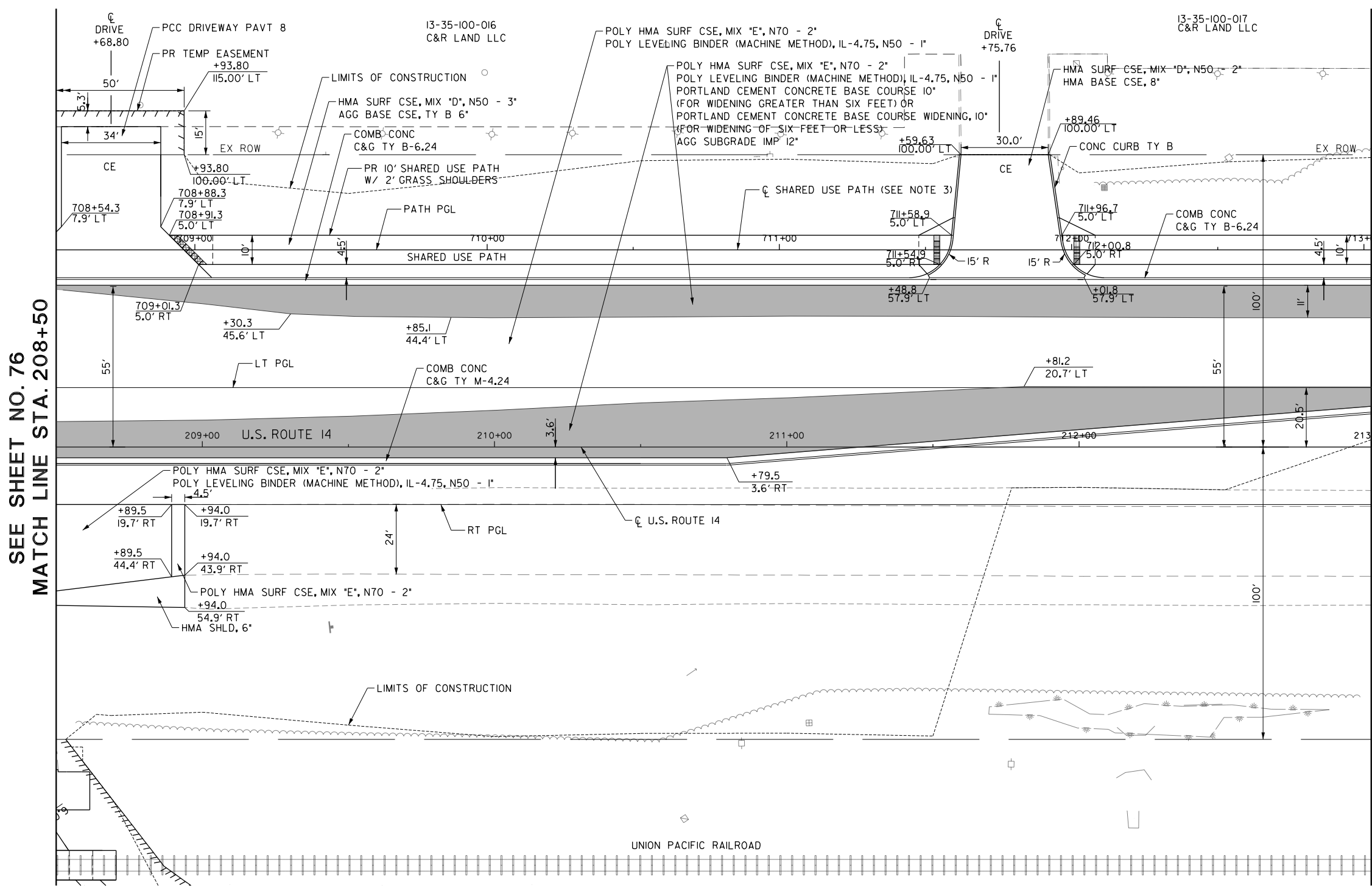
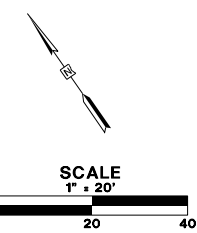
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1:20 SHEET 15 OF 29 SHEETS STA. 205+50.00 TO STA. 208+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	76
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				



SEE SHEET NO. 76
MATCH LINE STA. 208+50

MATCH LINE STA. 213+00
SEE SHEET NO. 79

NOTES:

1. SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
2. FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
3. CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)

ROADWAY LEGEND

- FULL DEPTH WIDENING
- PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED

FILE NAME: G:\ch09\0176\Road\Sheet\08084-PLAN.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

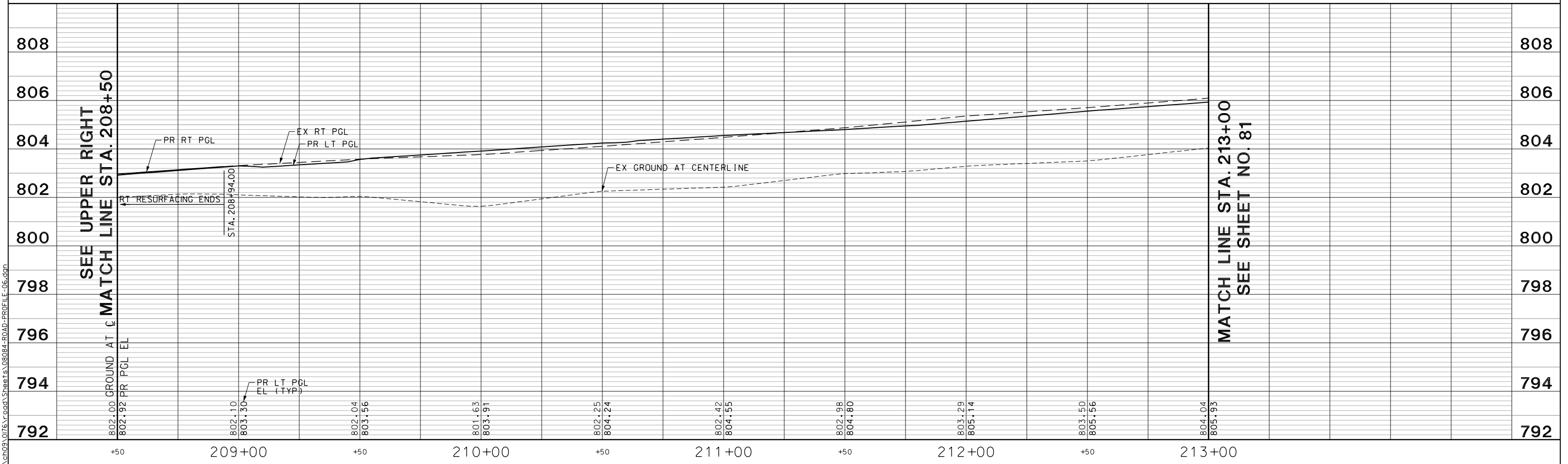
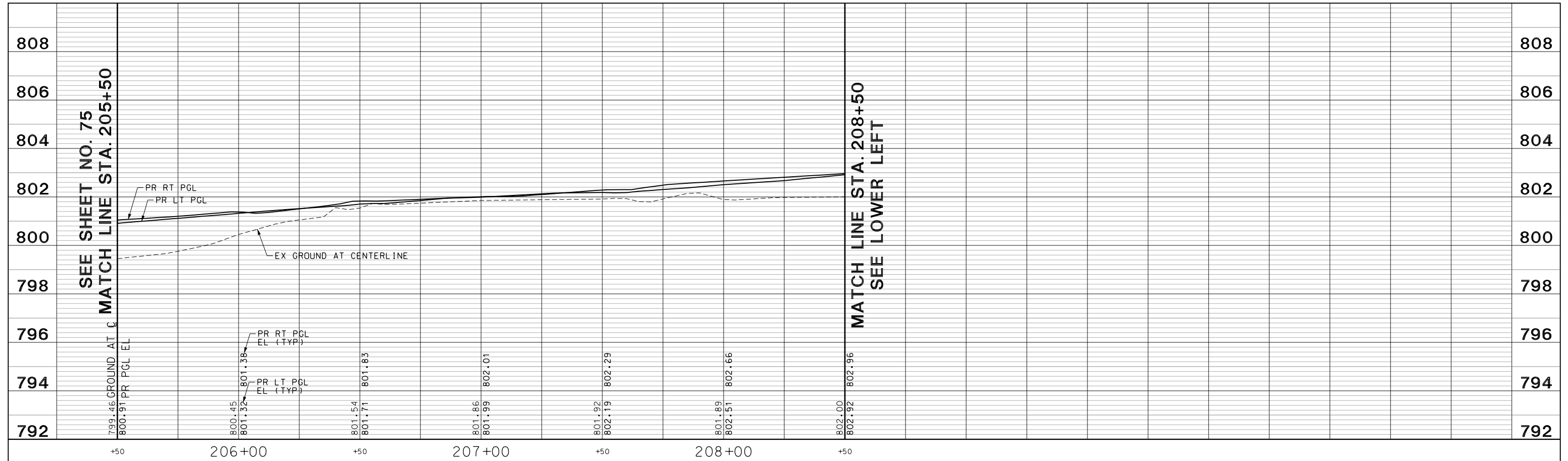
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1:20 SHEET 16 OF 29 SHEETS STA. 208+50.00 TO STA. 213+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	77
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				

FILE NAME: g:\c09\076\road\Sheets\08084-ROAD-PROFILE-06.dgn



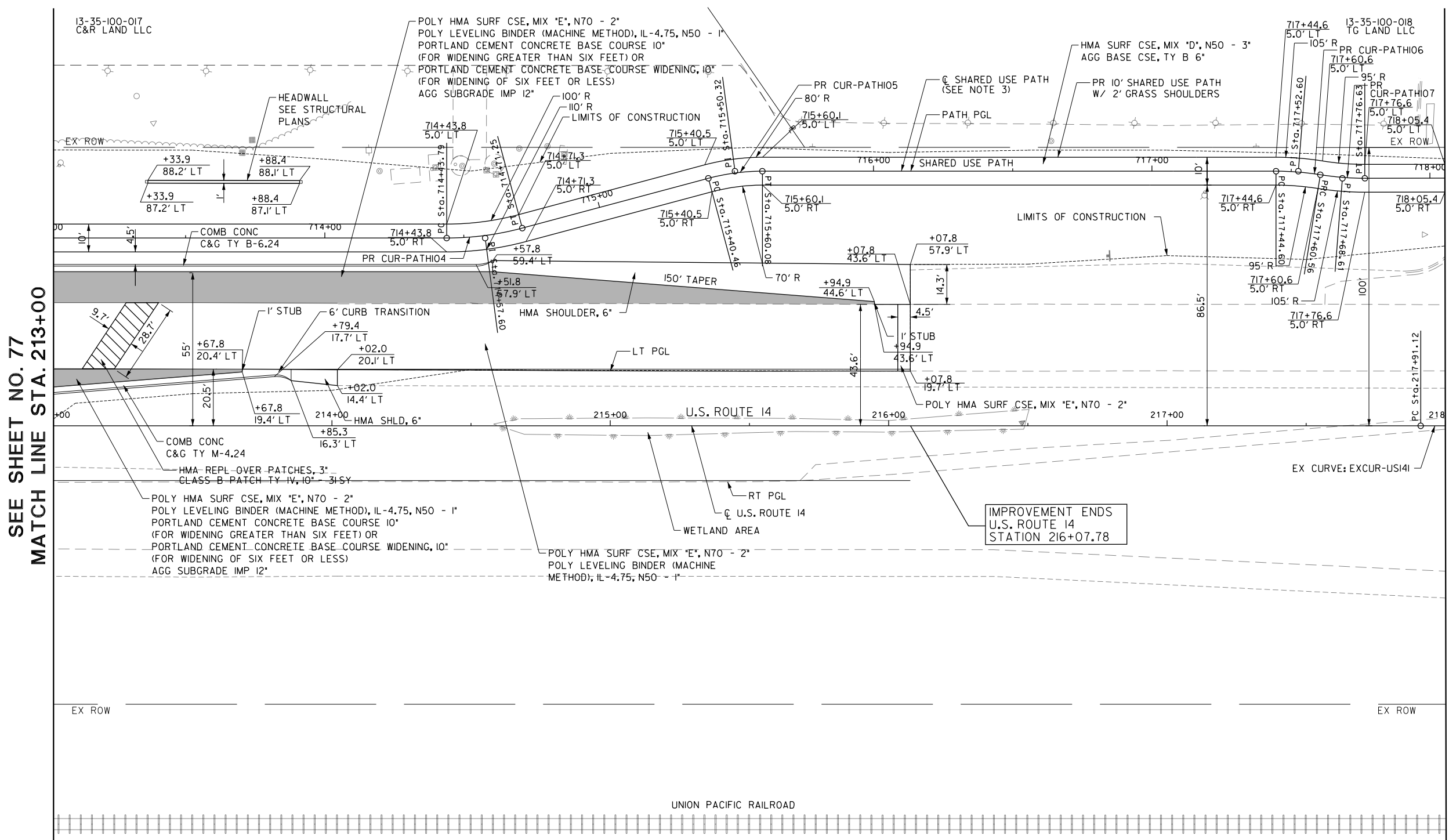
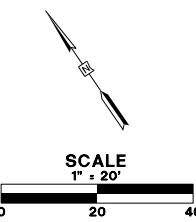
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. ROUTE 14 PROFILE

SCALE: H: 1"=20' V: 1"=10' SHEET 17 OF 29 SHEETS STA. 205+50.00 TO STA. 213+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	15-00277-01-BR	LAKE	423	78
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61D65	



SEE SHEET NO. 77
MATCH LINE STA. 213+00

MATCH LINE STA. 218+00
SEE SHEET NO. 80

- NOTES:**
- SEE SHEETS NO. 153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 - FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
 - CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)

ROADWAY LEGEND

	FULL DEPTH WIDENING
	PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED

CURVE = PRPATH-104 PI STA. = 714+57.60 DELTA = 14° 59' 07" (LT) D = 54° 34' 03" R = 105.00 T = 13.81 L = 27.46 E = 0.90 PC STA. = 714+43.79 PT STA. = 714+71.25	CURVE = PRPATH-105 PI STA. = 715+50.32 DELTA = 14° 59' 07" (RT) D = 76° 23' 40" R = 75.00 T = 9.86 L = 19.62 E = 0.65 PC STA. = 715+40.46 PT STA. = 715+60.08	CURVE = PRPATH-106 PI STA. = 717+52.60 DELTA = 9° 08' 39" (RT) D = 57° 17' 45" R = 100.00 T = 8.00 L = 15.96 E = 0.32 PC STA. = 717+44.60 PT STA. = 717+60.56	CURVE = EXCUR-US141 PI STA. = 232+16.32 DELTA = 34° 32' 37" (LT) D = 1° 15' 00" R = 4.583.75 T = 1.425.20 L = 2.763.54 E = 216.45 PC STA. = 217+91.12 PT STA. = 245+54.66
--	--	--	--

FILE NAME: G:\10909\0176\Road\Sheet\108084-PLAN-12.dgn



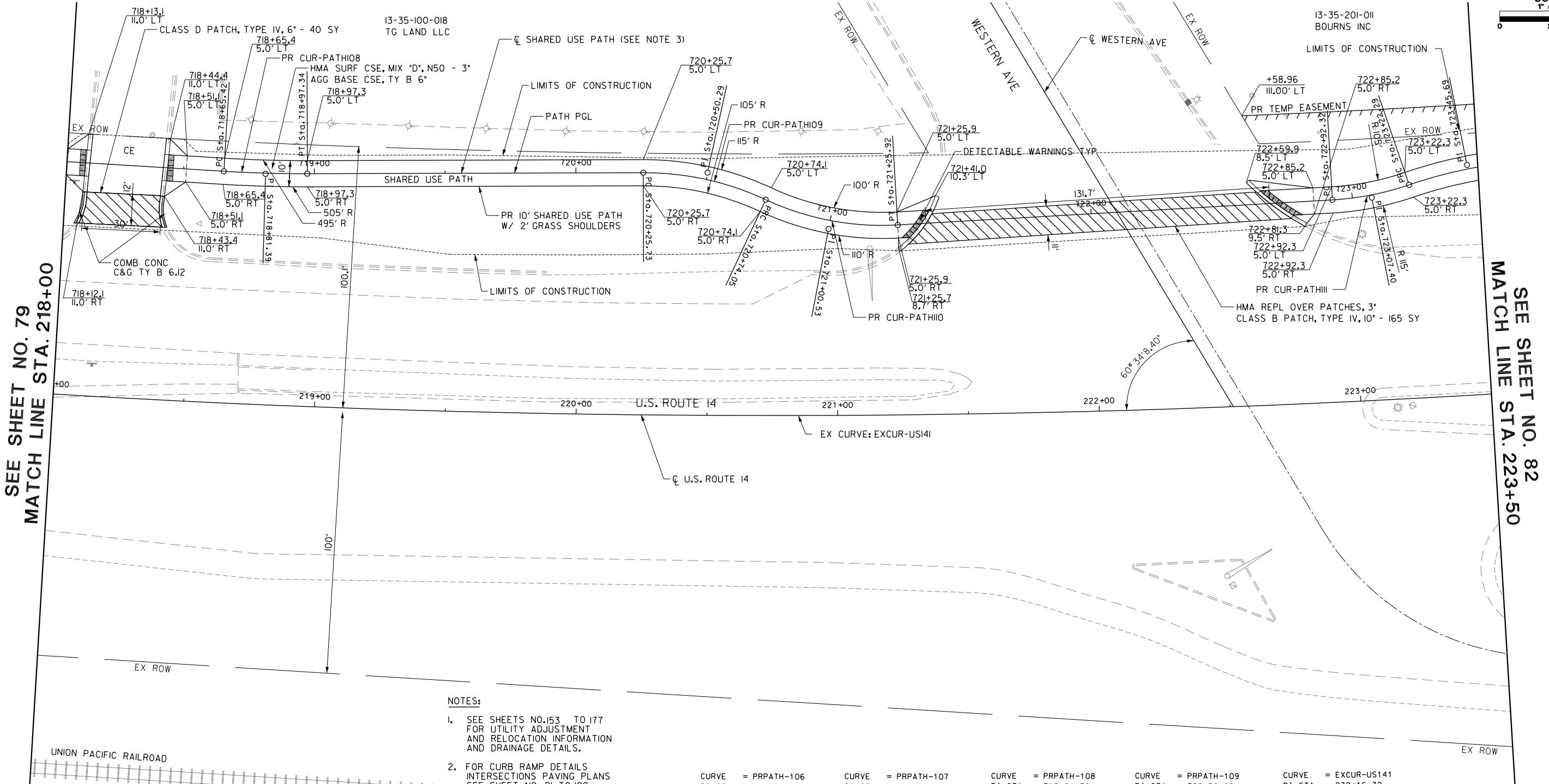
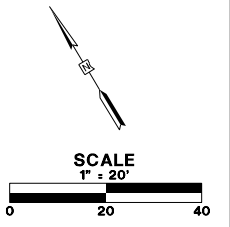
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

SCALE: 1/20 SHEET 18 OF 29 SHEETS STA. 213+00.00 TO STA. 218+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	79
CONTRACT NO. 61D65			ILLINOIS FED. AID PROJECT	



SEE SHEET NO. 79
MATCH LINE STA. 218+00

SEE SHEET NO. 82
MATCH LINE STA. 223+50

- NOTES:**
- SEE SHEETS NO. 153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 - FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
 - CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)

ROADWAY LEGEND

PATCH OF THE CLASS, TYPE, AND THICKNESS SPECIFIED

CURVE = PRPATH-106 PI STA. = 717+52.60 DELTA = 9° 08' 39" (RT) D = 57' 17' 45" R = 100.00 T = 8.00 L = 15.96 E = 0.32 PC STA. = 717+44.60 PT STA. = 717+60.56	CURVE = PRPATH-107 PI STA. = 717+68.61 DELTA = 9° 12' 10" (LT) D = 57' 17' 45" R = 100.00 T = 8.05 L = 16.06 E = 0.32 PC STA. = 717+60.56 PT STA. = 717+76.63	CURVE = PRPATH-108 PI STA. = 718+81.39 DELTA = 3° 39' 26" (LT) D = 11° 27' 33" R = 500.00 T = 15.96 L = 31.92 E = 0.25 PC STA. = 718+65.42 PT STA. = 718+97.34	CURVE = PRPATH-109 PI STA. = 720+50.29 DELTA = 25° 10' 02" (RT) D = 52° 05' 13" R = 110.00 T = 24.55 L = 48.32 E = 2.71 PC STA. = 720+25.73 PT STA. = 720+74.05	CURVE = EXCUR-US141 PI STA. = 232+16.32 DELTA = 34° 32' 37" (LT) D = 1° 15' 00" R = 4,583.75 T = 1,425.20 L = 2,763.54 E = 216.45 PC STA. = 217+91.12 PT STA. = 245+54.66
--	--	---	--	--

FILE NAME: G:\Veh09\0176\Road\Sheet\fs_08084-PLAN13.dgn



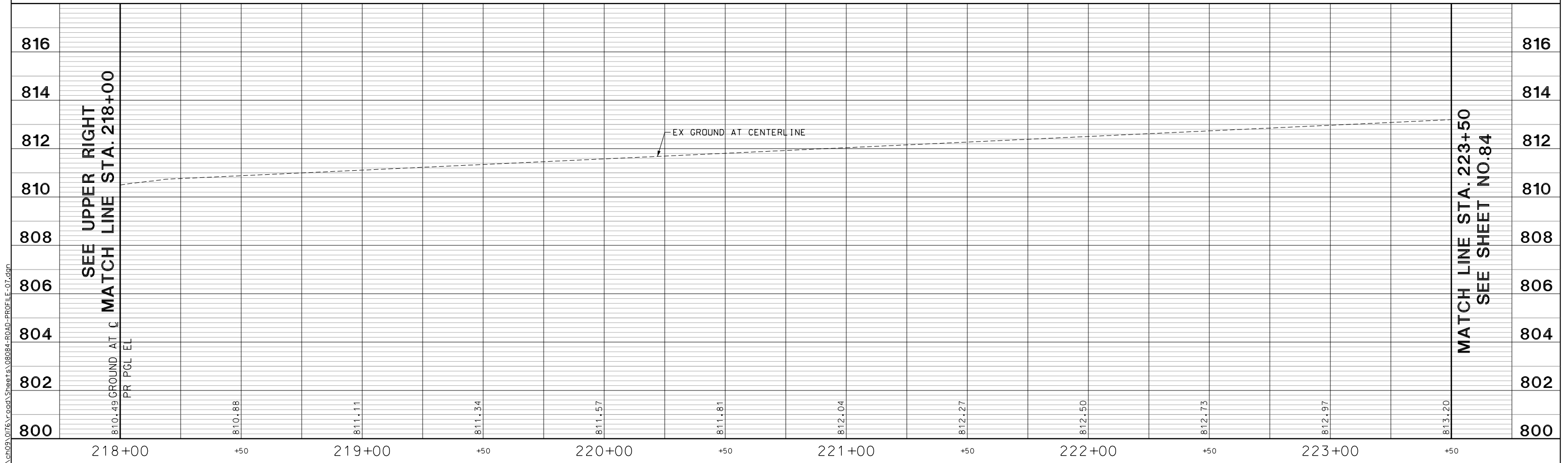
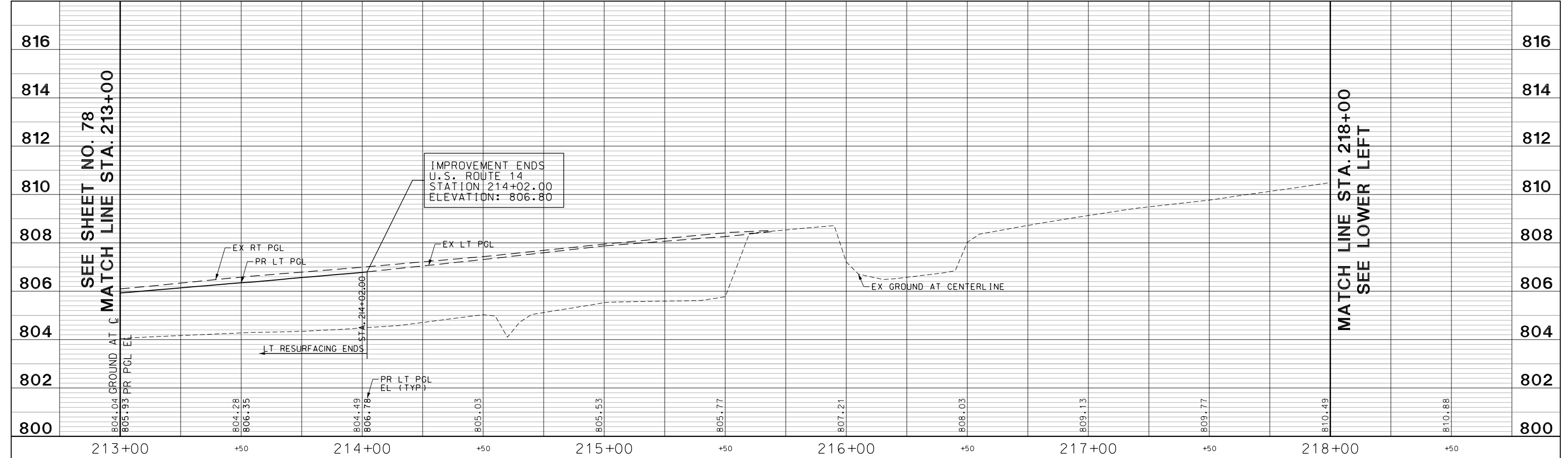
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN

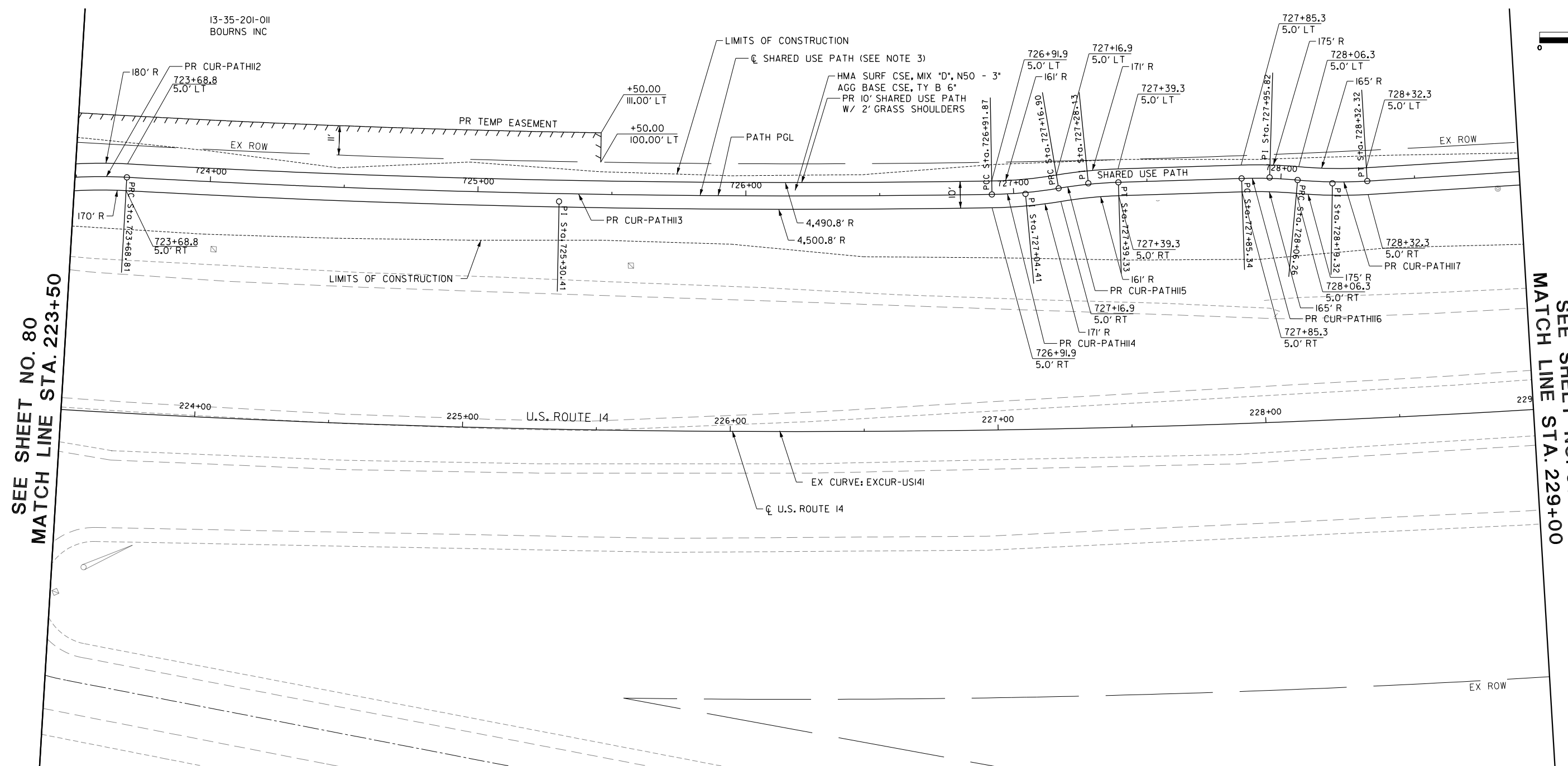
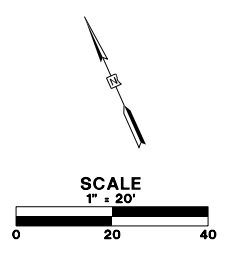
SCALE: 1:20 SHEET 19 OF 29 SHEETS STA. 218+00.00 TO STA. 223+50.00

FAU RTE. 2549	SECTION 09-00174-05-CH	COUNTY LAKE	TOTAL SHEETS 423	SHEET NO. 80
ILLINOIS FED. AID PROJECT				CONTRACT NO. 6ID65



	USER NAME = amkidd	DESIGNED - JLW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 14 PROFILE				FAU	SECTION	COUNTY	TOTAL	SHEET
	PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -						2549	15-00277-01-BR	LAKE	423	81
	PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -						CONTRACT NO. 61D65				
				SCALE: H: 1/20 V: 1/10				SHEET 20 OF 29 SHEETS		STA. 213+00.00 TO STA. 223+50.00		ILLINOIS FED. AID PROJECT	

FILE NAME: g:\cno3\076\road\Sheets\08084-ROAD-PROFILE-07.dgn



SEE SHEET NO. 80
MATCH LINE STA. 223+50

SEE SHEET NO. 83
MATCH LINE STA. 229+00

- NOTES:**
- SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 - FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
 - CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)

CURVE	PRPATH-110	PRPATH-111	PRPATH-112	PRPATH-113	PRPATH-114	PRPATH-115	PRPATH-116	PRPATH-117	EXCUR-US141
PI STA.	= 721+00.53	= 723+07.40	= 723+45.69	= 725+30.41	= 727+04.41	= 727+28.13	= 727+95.82	= 728+19.32	= 232+16.32
DELTA	= 28° 18' 18" (LT)	= 15° 36' 30" (LT)	= 15° 13' 48" (RT)	= 4° 07' 02" (LT)	= 8° 38' 21" (LT)	= 7° 44' 35" (RT)	= 7° 03' 07" (RT)	= 8° 46' 52" (LT)	= 34° 32' 37" (LT)
D	= 54° 33' 59"	= 52° 05' 13"	= 32° 44' 26"	= 1° 16' 28"	= 34° 30' 56"	= 34° 30' 56"	= 33° 42' 12"	= 33° 42' 12"	= 1° 15' 00"
R	= 105.00	= 110.00	= 175.00	= 166.00	= 166.00	= 166.00	= 170.00	= 170.00	= 4,583.75
T	= 26.48	= 15.08	= 23.40	= 161.60	= 12.54	= 11.23	= 10.48	= 13.05	= 1,425.20
L	= 51.87	= 29.97	= 46.52	= 323.06	= 25.03	= 22.43	= 20.92	= 26.05	= 2,763.54
E	= 3.29	= 1.03	= 1.56	= 2.90	= 0.47	= 0.38	= 0.32	= 0.50	= 216.45
PC STA.	= 720+74.05	= 722+92.32	= 723+22.29	= 723+68.81	= 726+91.87	= 727+16.90	= 727+85.34	= 728+06.26	= 217+91.12
PT STA.	= 721+25.92	= 723+22.29	= 723+68.81	= 726+91.87	= 727+16.90	= 727+39.33	= 728+06.26	= 728+32.32	= 245+54.66

FILE NAME: G:\V\09\0176\Road\Sheet\15\08084-PLAN-1.dgn



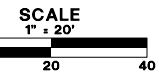
USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / 1"	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

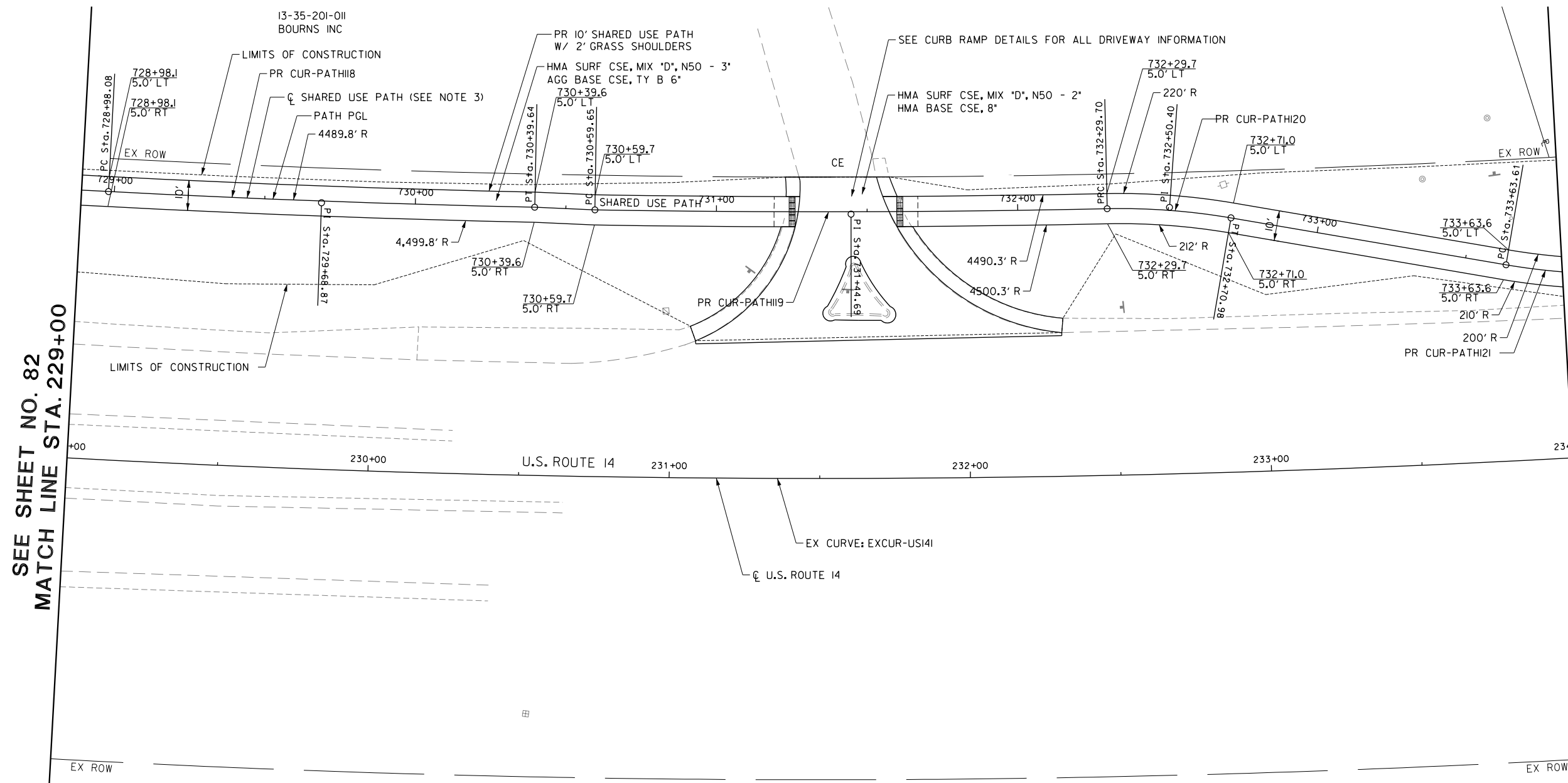
ROADWAY PLAN

SCALE: 1:20 SHEET 21 OF 29 SHEETS STA. 223+00.00 TO STA. 229+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	82
CONTRACT NO. 6ID65			ILLINOIS FED. AID PROJECT	



- NOTES:
- SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 - FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
 - CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)



SEE SHEET NO. 82
MATCH LINE STA. 229+00

SEE SHEET NO. 85
MATCH LINE STA. 234+00

CURVE = PRPATH-117 PI STA. = 728+19.32 DELTA = 8° 46' 52" (LT) D = 33° 42' 12" R = 170.00 T = 13.05 L = 26.05 E = 0.50 PC STA. = 728+06.26 PT STA. = 728+32.32	CURVE = PRPATH-118 PI STA. = 729+68.87 DELTA = 1° 48' 16" (LT) D = 1° 16' 29" R = 4,494.75 T = 70.79 L = 141.56 E = 0.56 PC STA. = 728+98.08 PT STA. = 730+39.64	CURVE = PRPATH-119 PI STA. = 731+44.69 DELTA = 2° 10' 03" (LT) D = 1° 16' 29" R = 4,495.25 T = 85.03 L = 170.05 E = 0.80 PC STA. = 730+59.65 PT STA. = 732+29.70	CURVE = PRPATH-120 PI STA. = 732+50.40 DELTA = 10° 53' 54" (RT) D = 26° 24' 13" R = 217.00 T = 20.70 L = 41.28 E = 0.99 PC STA. = 732+29.70 PT STA. = 732+70.98	CURVE = EXCUR-US141 PI STA. = 232+16.32 DELTA = 34° 32' 37" (LT) D = 1° 15' 00" R = 4,583.75 T = 1,425.20 L = 2,763.54 E = 216.45 PC STA. = 217+91.12 PT STA. = 245+54.66
---	---	---	--	--

FILE NAME: G:\en09\0176\Road\Sheet\08084-PLAN.dgn



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

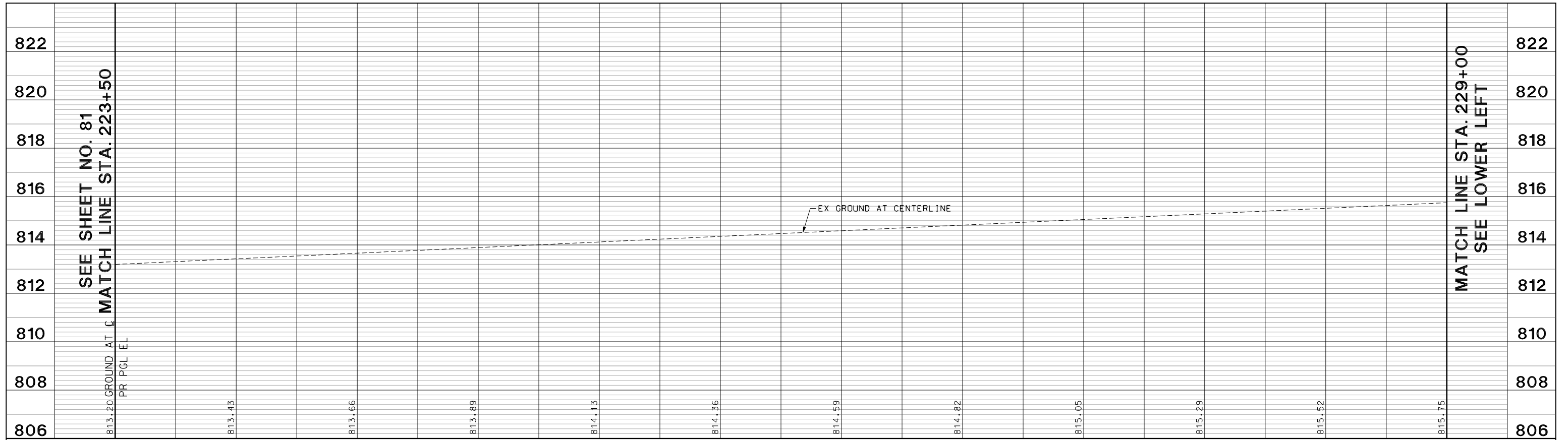
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN

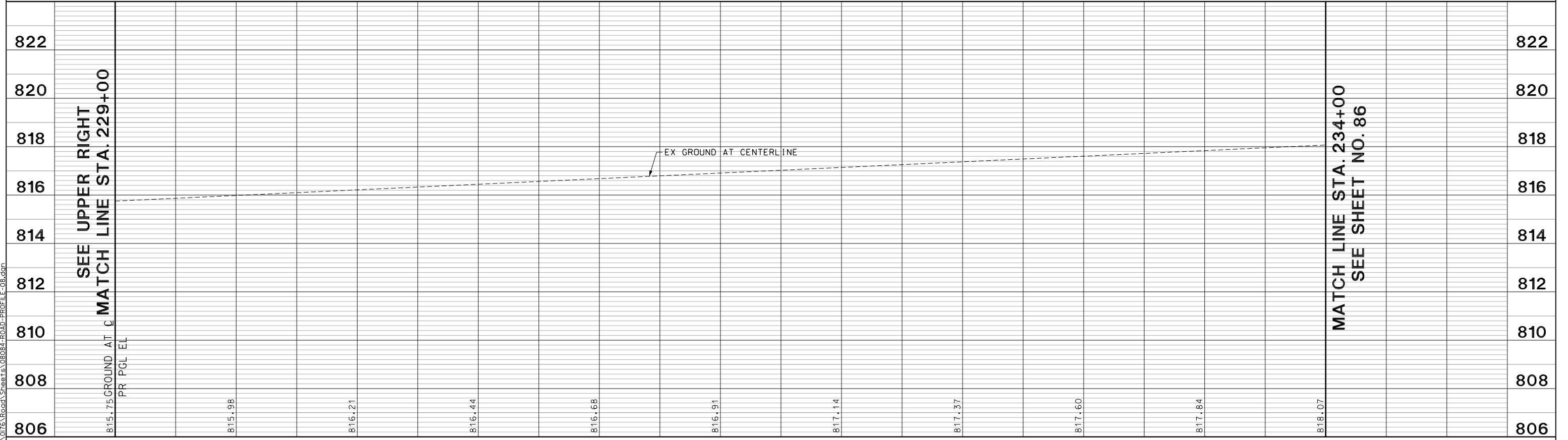
SCALE: 1:20	SHEET 22 OF 29 SHEETS	STA. 229+00.00 TO STA. 234+00.00
-------------	-----------------------	----------------------------------

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	83
CONTRACT NO. 6ID65			ILLINOIS FED. AID PROJECT	

FILE NAME: G:\CH05\076_Road\Sheets\08084-ROAD-PROFILE-08.dgn



+50 224+00 +50 225+00 +50 226+00 +50 227+00 +50 228+00 +50 229+00



229+00 +50 230+00 +50 231+00 +50 232+00 +50 233+00 +50 234+00



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

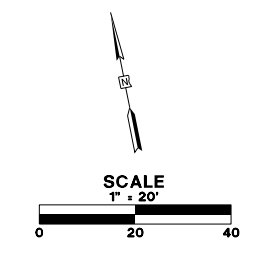
U.S. ROUTE 14 PROFILE

SCALE: H: 1" = 20' V: 1" = 10' SHEET 23 OF 29 SHEETS STA. 223+50.00 TO STA. 234+00.00

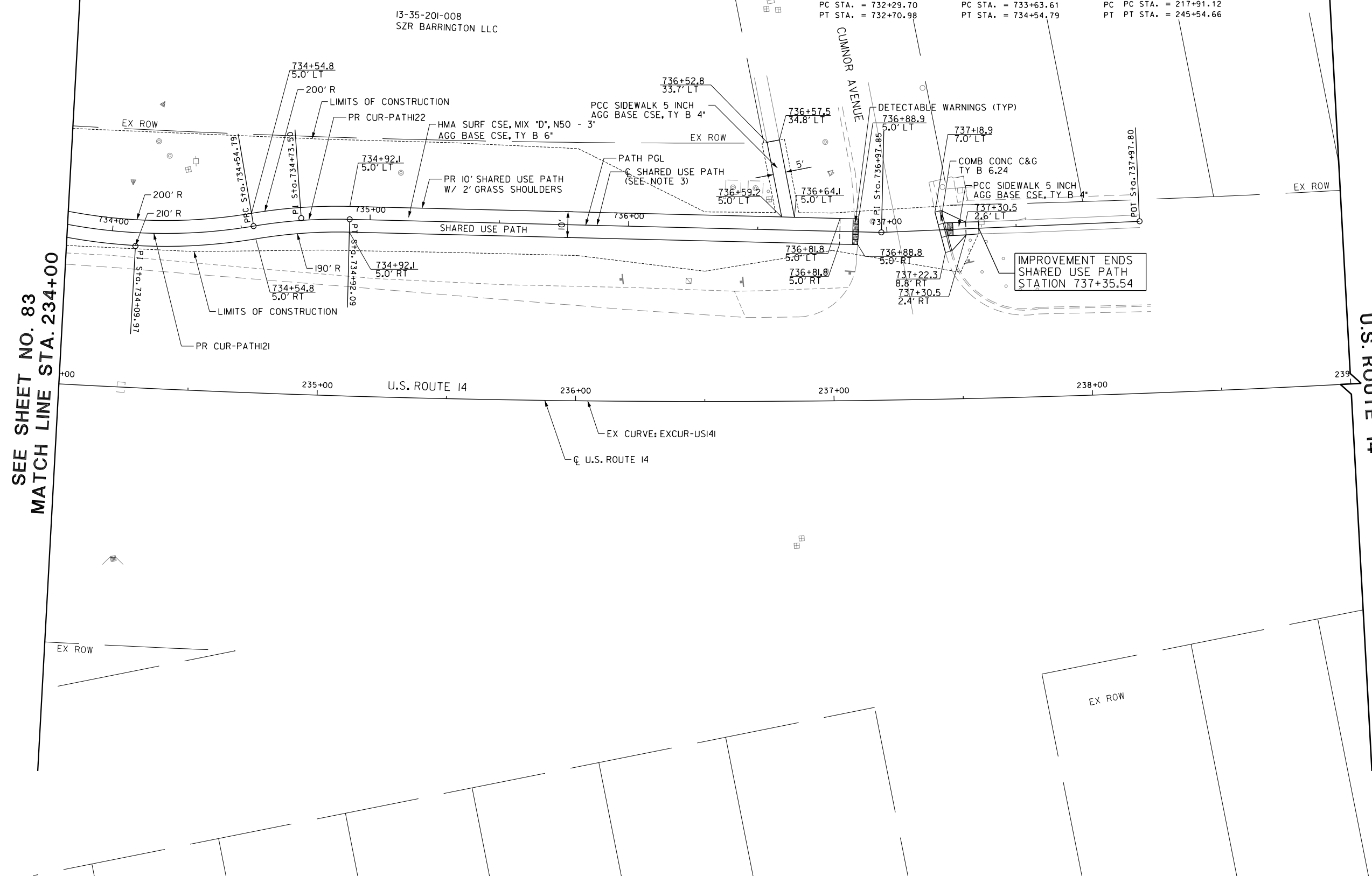
FAU RTE. 2549	SECTION 15-00277-01-BR	COUNTY LAKE	TOTAL SHEETS 423	SHEET NO. 84
CONTRACT NO. 61D65			ILLINOIS FED. AID PROJECT	

FILE NAME: g:\ch09\0176\Road\Sheet\08084-PLAN-6.dgn

CURVE = PRPATH-120	CURVE = PRPATH-121	CUI CURVE = EXCUR-US141
PI STA. = 732+50.40	PI STA. = 734+09.97	PI PI STA. = 232+16.32
DELTA = 10° 53' 54" (RT)	DELTA = 25° 29' 01" (LT)	DEI DELTA = 34° 32' 37" (LT)
D = 26° 24' 13"	D = 27° 56' 57"	D D = 1° 15' 00"
R = 217.00	R = 205.00	R R = 4,583.75
T = 20.70	T = 46.36	T T = 1,425.20
L = 41.28	L = 91.18	L L = 2,763.54
E = 0.99	E = 5.18	E E = 216.45
PC STA. = 732+29.70	PC STA. = 733+63.61	PC PC STA. = 217+91.12
PT STA. = 732+70.98	PT STA. = 734+54.79	PT PT STA. = 245+54.66



- NOTES:
- SEE SHEETS NO.153 TO 177 FOR UTILITY ADJUSTMENT AND RELOCATION INFORMATION AND DRAINAGE DETAILS.
 - FOR CURB RAMP DETAILS INTERSECTIONS PAVING PLANS SEE SHEET NO. 91 TO 109
 - CONTRACTOR TO INSURE THAT THE EDGES OF THE SHARED USE PATH ARE A MINIMUM OF 2 FEET FROM ALL ABOVE GROUND OBSTRUCTIONS (I.E. POWER POLES, EDGES OF SIGN PANELS ETC.)



SEE SHEET NO. 83
MATCH LINE STA. 234+00

U.S. ROUTE 14



USER NAME = amkidd	DESIGNED - JLJ	REVISED -
DRAWN - AMK	CHECKED - JWC	DATE - 5/22/2019
PLOT SCALE = 40.00' / in.		
PLOT DATE = 5/22/2019		

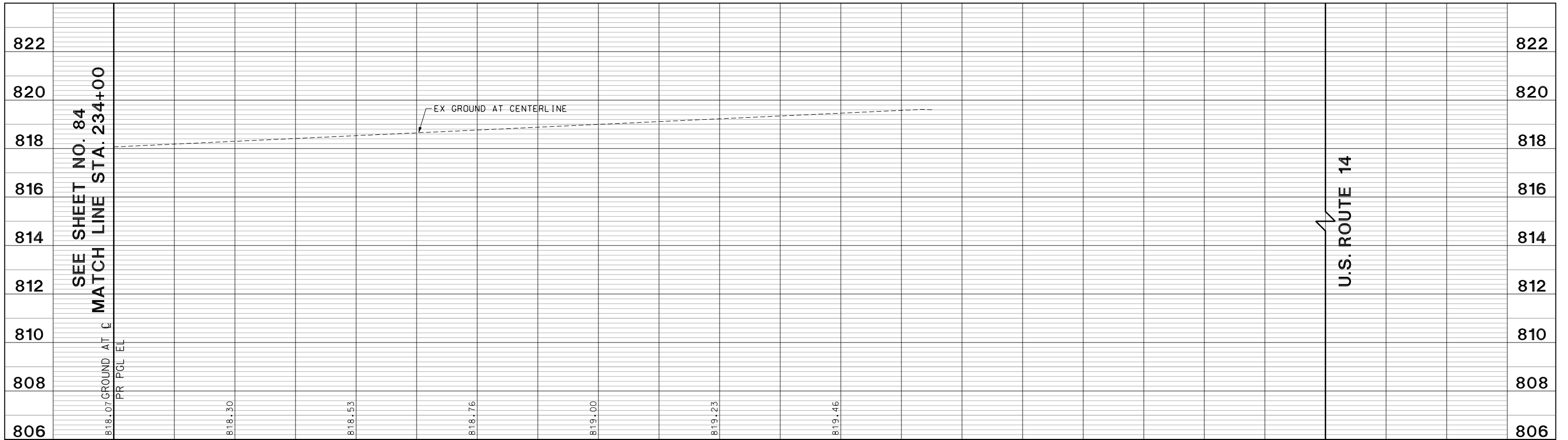
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN

SCALE: 1:20 SHEET 24 OF 29 SHEETS STA. 234+00.00 TO STA. 239+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	85
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

FILE NAME: G:\CH05\076_Road\Sheets\08084-ROAD-PROFILE-09.dgn



234+00 +50 235+00 +50 236+00 +50 237+00



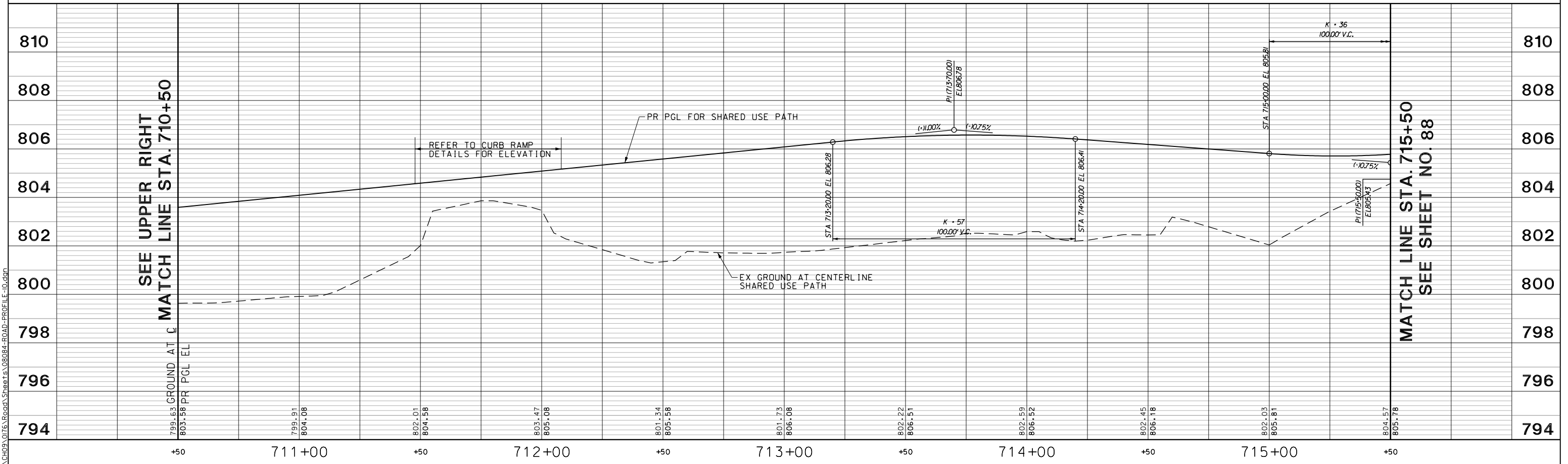
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. ROUTE 14 PROFILE

SCALE: H: 1"=20' V: 1"=10' SHEET 25 OF 29 SHEETS STA. 234+00.00 TO STA. 239+00.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	15-00277-01-BR	LAKE	423	86
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				



	USER NAME = amkidd	DESIGNED - JLV	REVISED -
	PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
	PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
		DATE - 5/22/2019	REVISED -

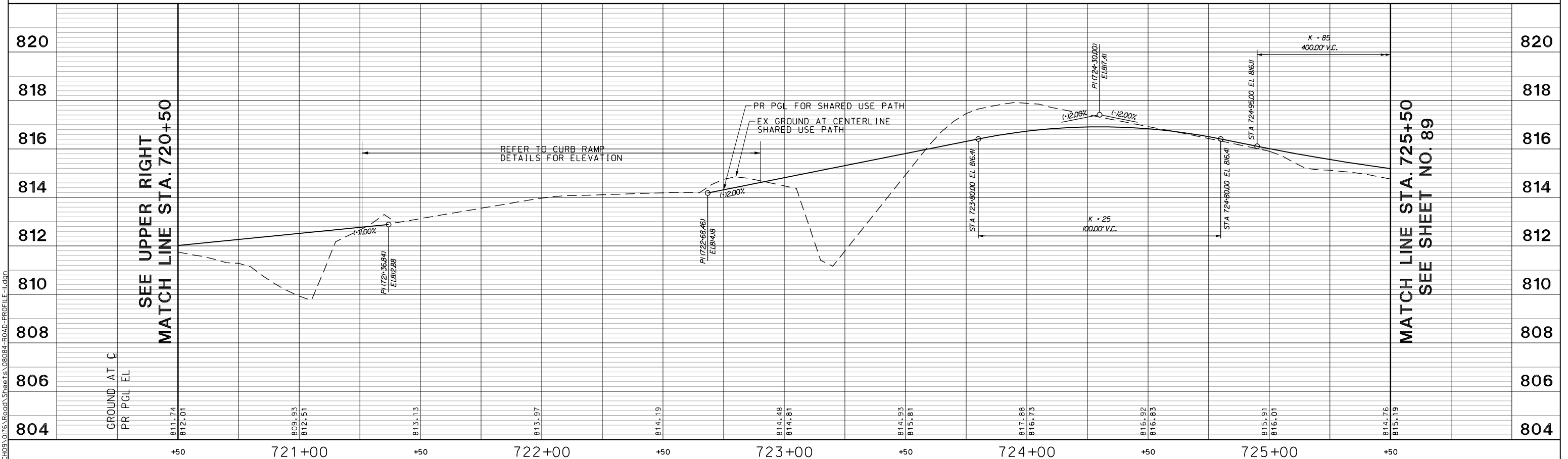
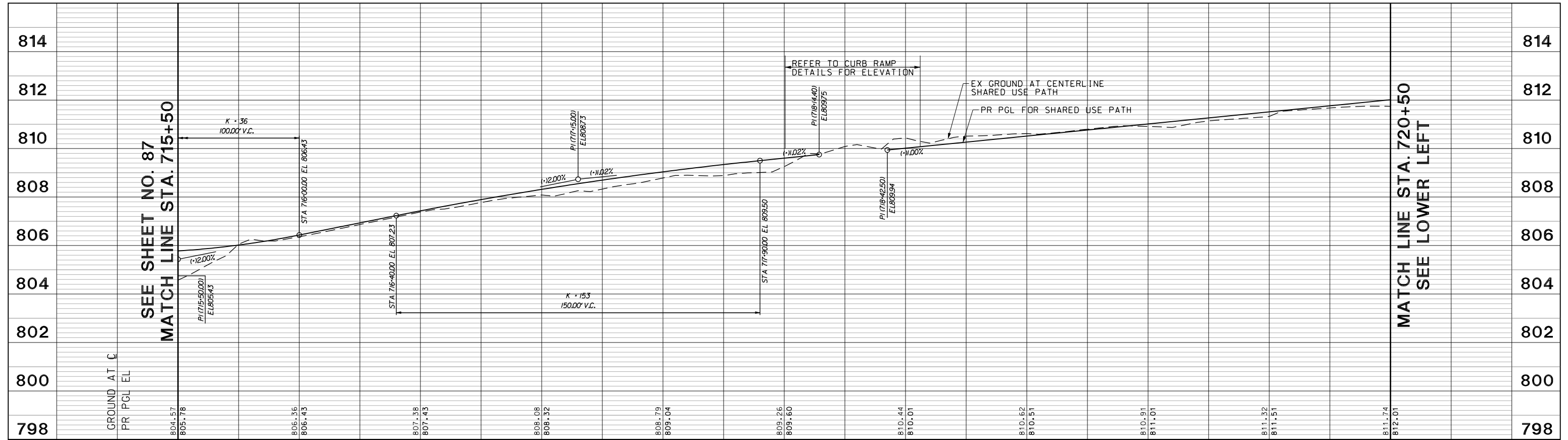
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 14 SHARED USE PATH PROFILE
 SCALE: H: 1/20 V: 1/10 SHEET 26 OF 29 SHEETS STA. 705+50.00 TO STA. 715+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	15-00277-01-BR	LAKE	423	87
CONTRACT NO. 61D65				ILLINOIS FED. AID PROJECT

FILE NAME: G:\CH05\076_Road\Sheets\08084-ROAD-PROFILE-10.dgn

FILE NAME: G:\CH05\076_Road\Sheets\08084-ROAD-PROFILE-1.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
DRAWN - AMK	CHECKED - JWC	REVISED -
DATE - 5/22/2019		REVISED -

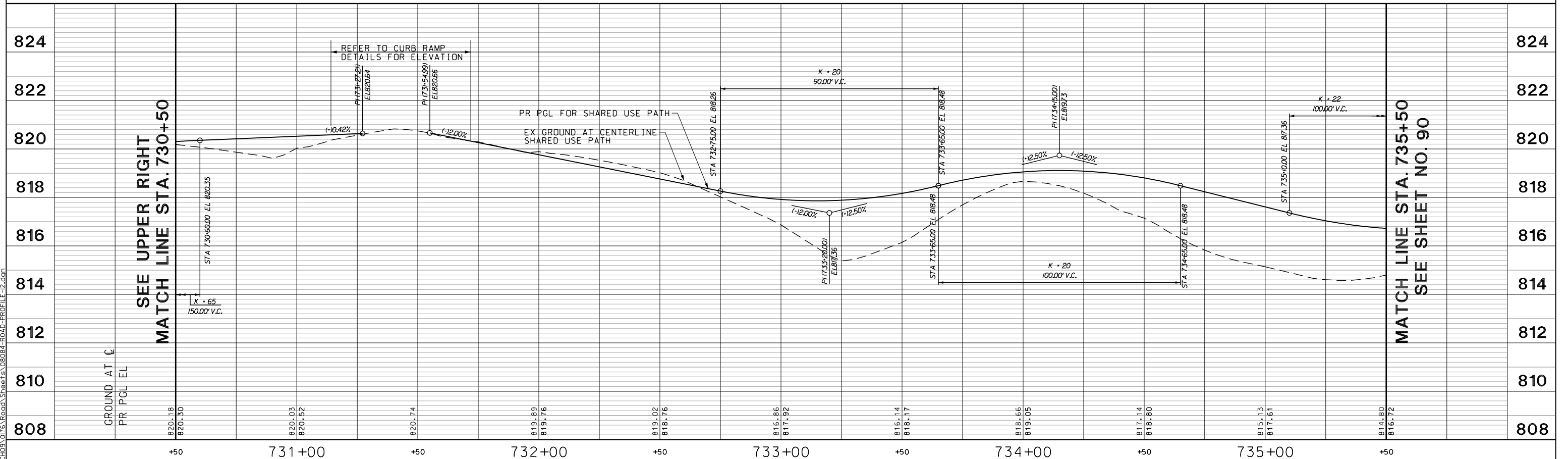
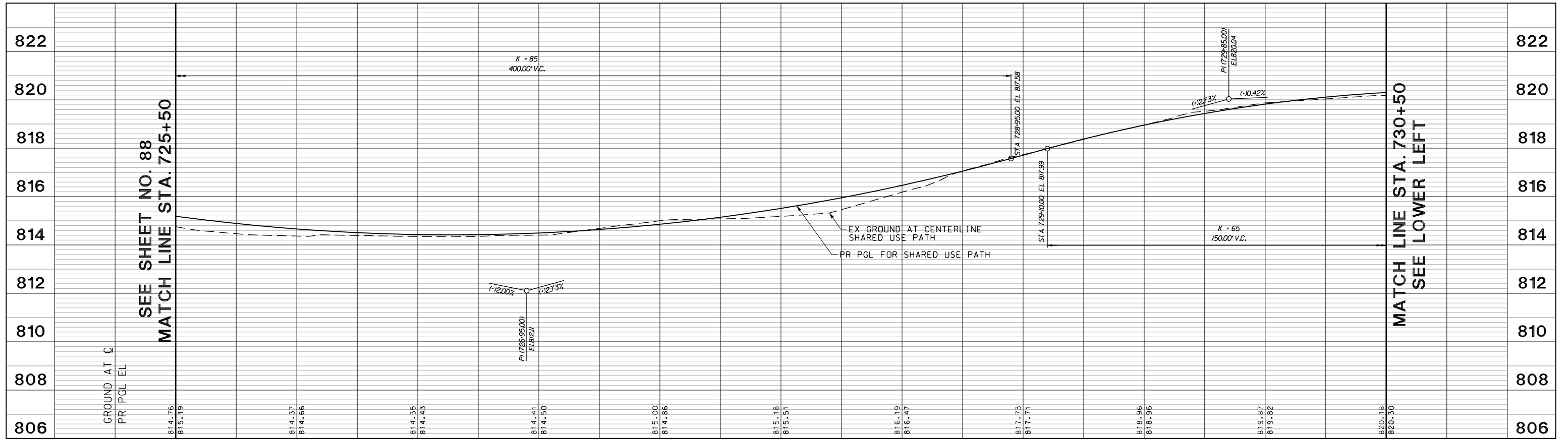
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. ROUTE 14 SHARED USE PATH PROFILE

SCALE: H: 1/20 V: 1/10 SHEET 27 OF 29 SHEETS STA. 715+50.00 TO STA. 725+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	15-00277-01-BR	LAKE	423	88
CONTRACT NO. 61D65				ILLINOIS FED. AID PROJECT

FILE NAME: G:\CH05\076_Road\Sheets\08084-ROAD-PROFILE-12.dwg



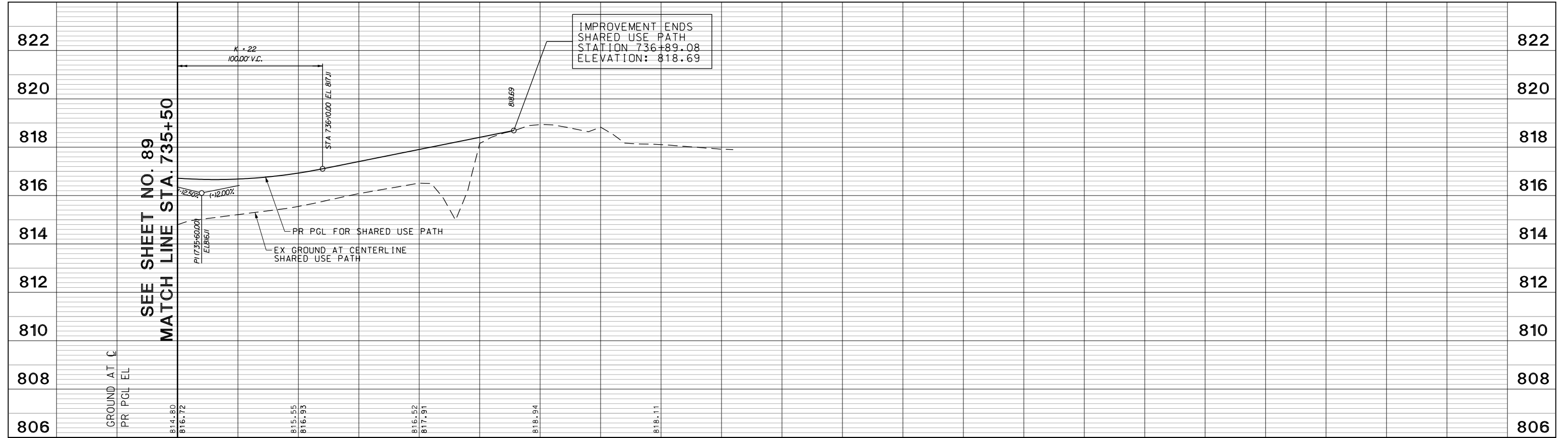
	USER NAME = amkidd	DESIGNED - JLV	REVISED -
	PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
	PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
		DATE - 5/22/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

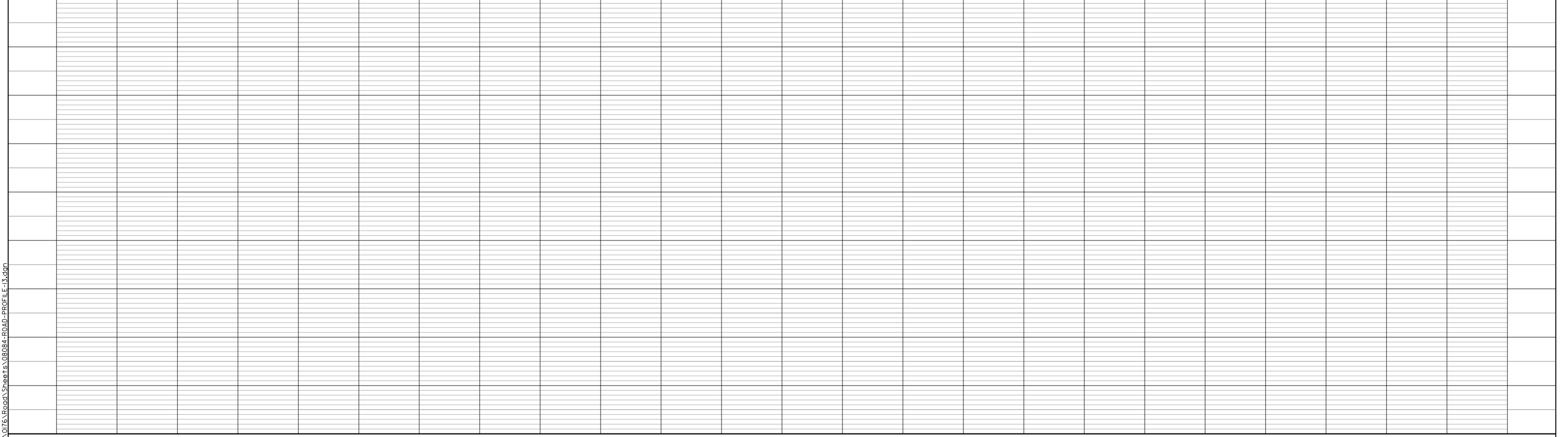
U.S. ROUTE 14 SHARED USE PATH PROFILE
 SCALE: H: 1:20 V: 1:10 SHEET 28 OF 29 SHEETS STA. 725+50.00 TO STA. 735+50.00

FAU RTE. 2549	SECTION 15-00277-01-BR	COUNTY LAKE	TOTAL SHEETS 423	SHEET NO. 89
CONTRACT NO. 61D65				ILLINOIS FED. AID PROJECT

FILE NAME: G:\CH05\076_Road\Sheets\08084-ROAD-PROFILE-3.dgn



+50 736+00 +50 737+00 +50



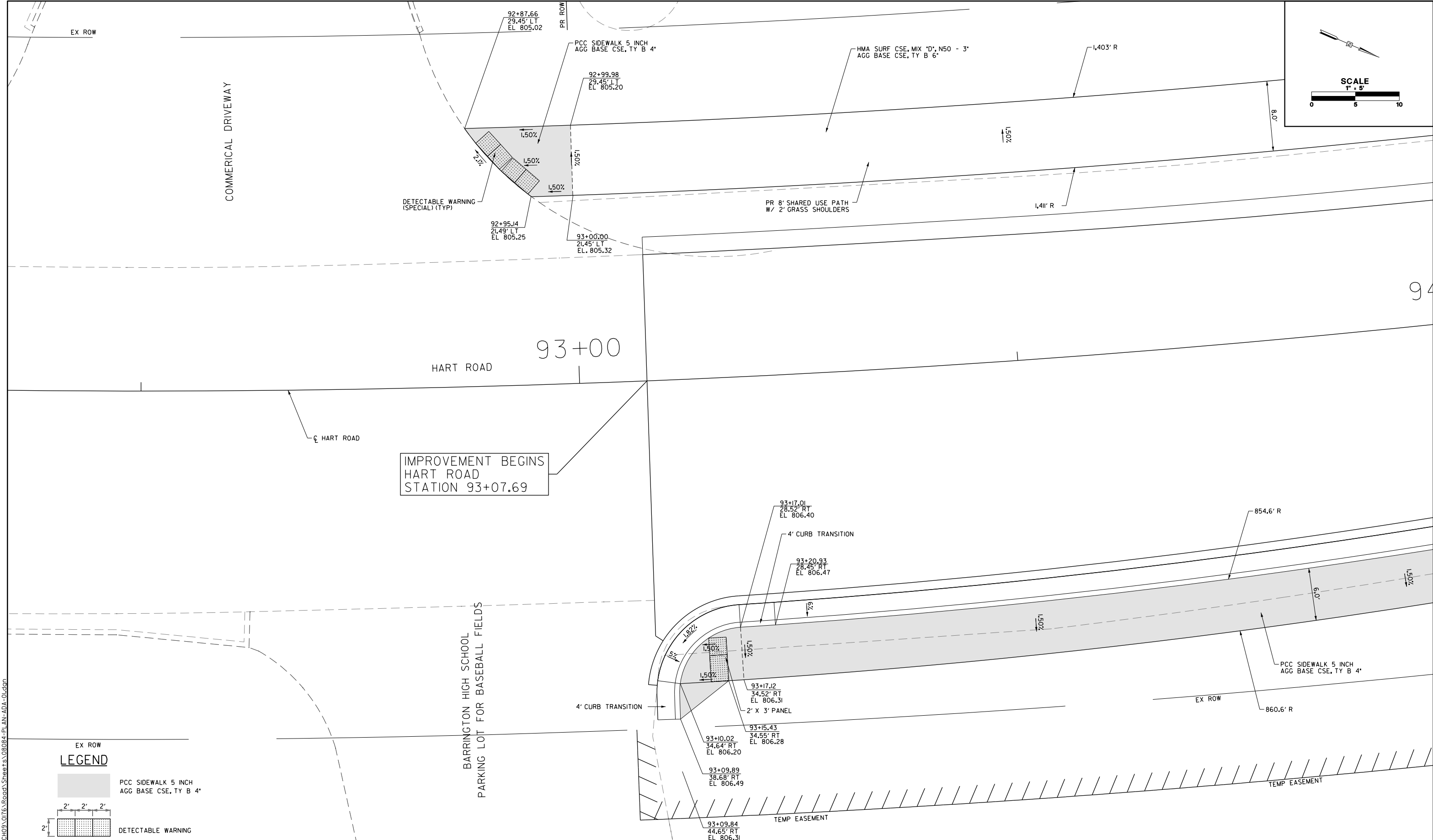
USER NAME = amkidd	DESIGNED - JL	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. ROUTE 14 SHARED USE PATH PROFILE

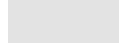
SCALE: H: 1/20 V: 1/10 SHEET 29 OF 29 SHEETS STA. 735+50.00 TO STA. 737+50.00

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	15-00277-01-BR	LAKE	423	90
				CONTRACT NO. 61D65
ILLINOIS FED. AID PROJECT				



IMPROVEMENT BEGINS
HART ROAD
STATION 93+07.69

LEGEND

 PCC SIDEWALK 5 INCH
AGG BASE CSE, TY B 4'

 DETECTABLE WARNING

FILE NAME: G:\CH09\0176\Road\Sheet\108084-PLAN-ADA-01.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 10.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

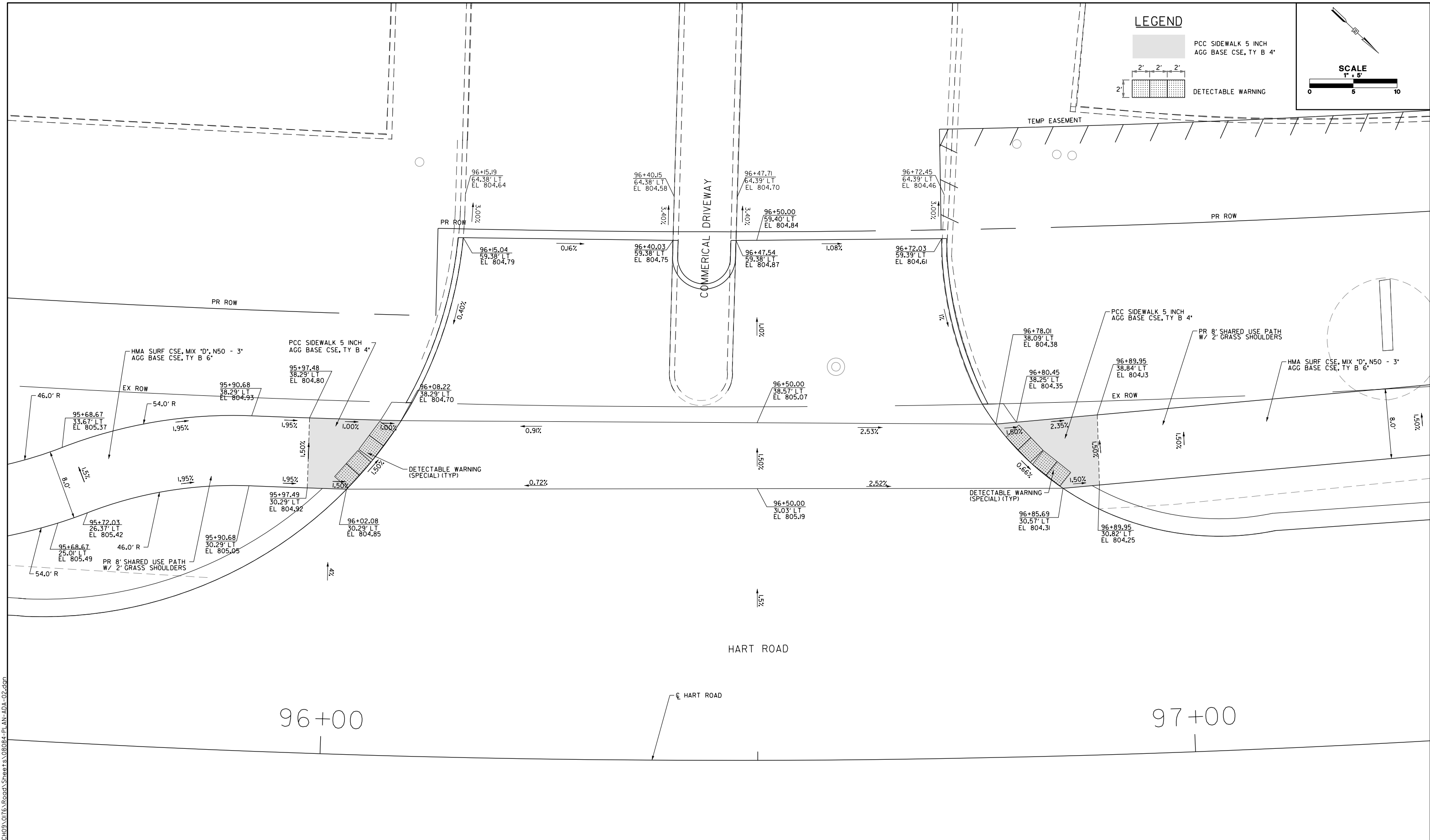
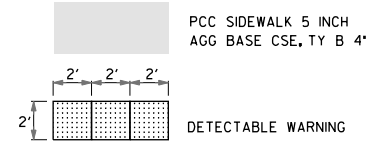
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAIL
INTERSECTIONS PAVING PLAN**

SCALE: 1/10 SHEET 1 OF 19 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	91
CONTRACT NO. 61D65				
ILLINOIS FED. AID PROJECT				

LEGEND



FILE NAME: G:\CH09\0176\Road\Sheet\108084-PLAN-ADA-02.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISD -
PLOT SCALE = 10.00' / in.	DRAWN - AMK	REVISD -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISD -
	DATE - 5/22/2019	REVISD -

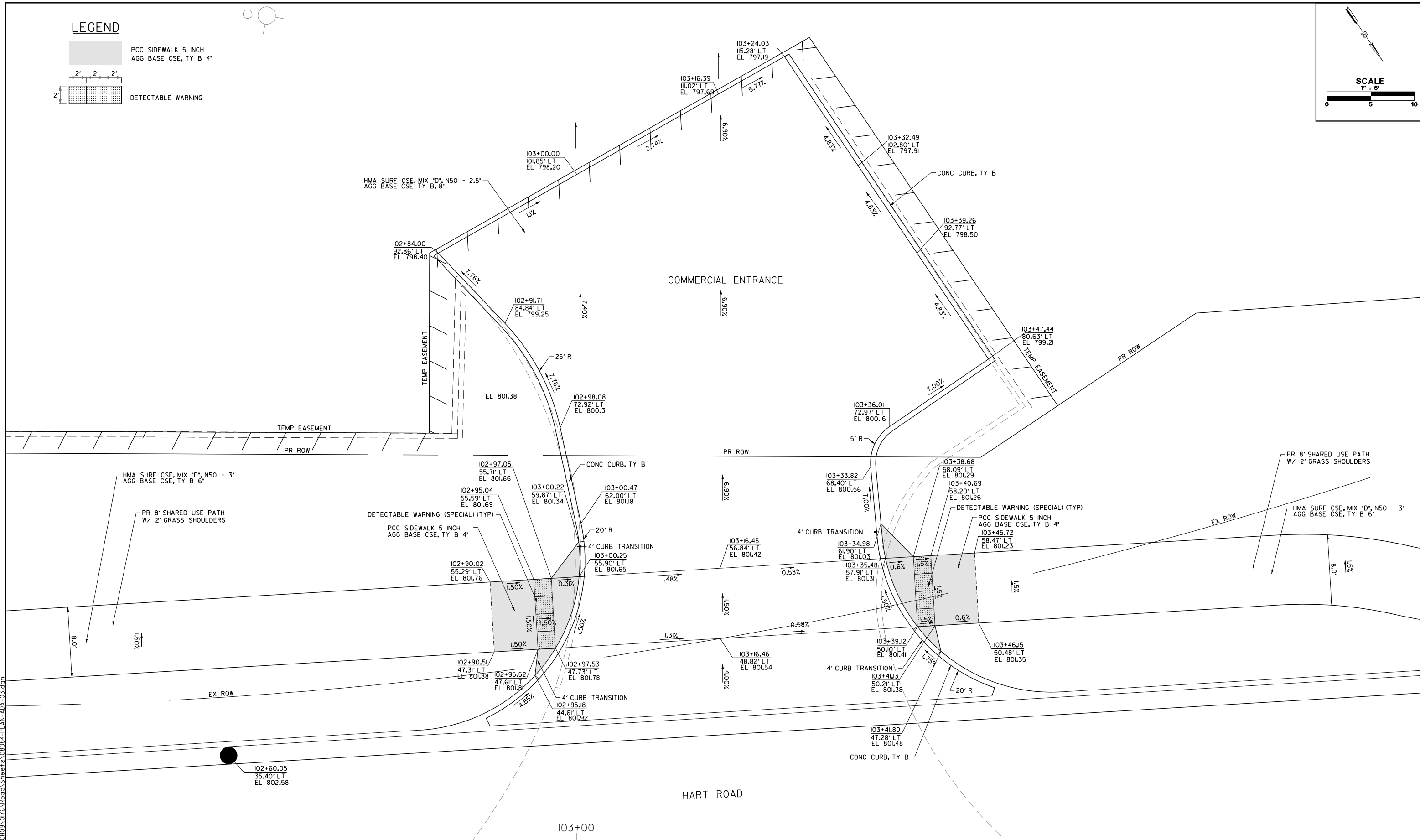
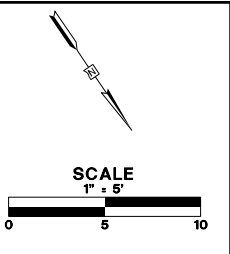
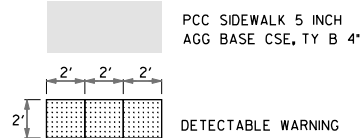
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H/O SHEET 2 OF 19 SHEETS STA. TO STA.

**CURB RAMP DETAIL
INTERSECTIONS PAVING PLAN**

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	92
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				

LEGEND



FILE NAME: G:\CH09\0176\Road\Sheet\108084-PLAN-ADA-03.dgn



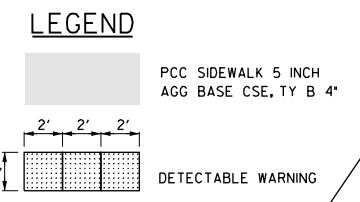
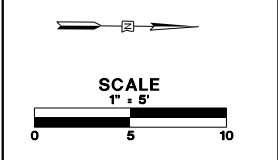
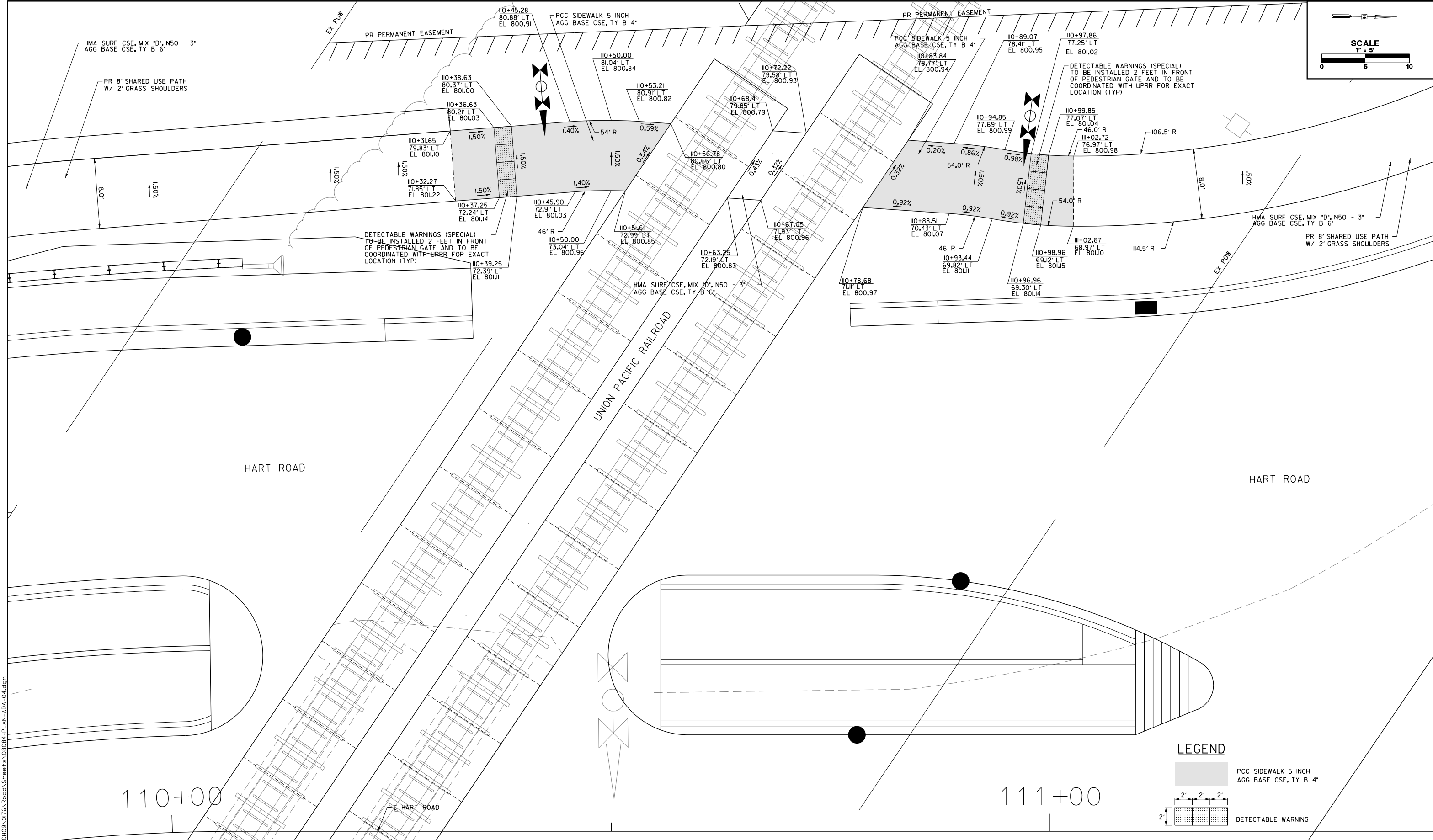
USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 10.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAIL
INTERSECTIONS PAVING PLAN**

SCALE: 1/10 SHEET 3 OF 19 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	93
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				



FILE NAME: G:\CH09\0176\Road\Sheet\108084-PL\AN-ADA-04.dgn



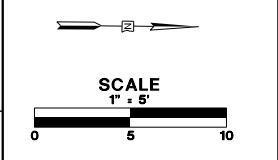
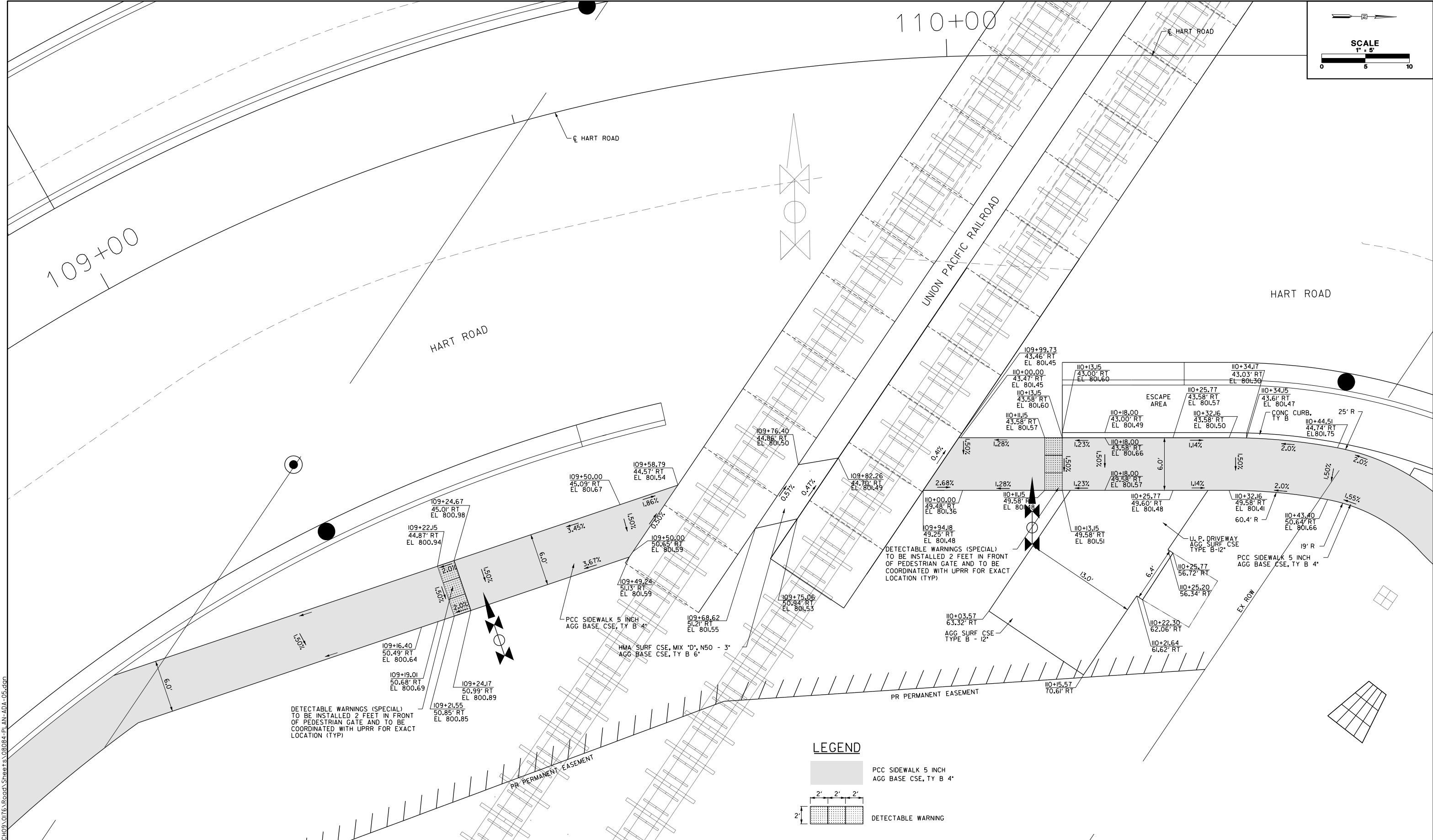
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 10.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAIL
INTERSECTIONS PAVING PLAN**

SCALE: 1/10 SHEET 4 OF 19 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	94
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				



FILE NAME: G:\CH09\0176\Road\Sheet\109084-PLAN-ADA-05.dgn



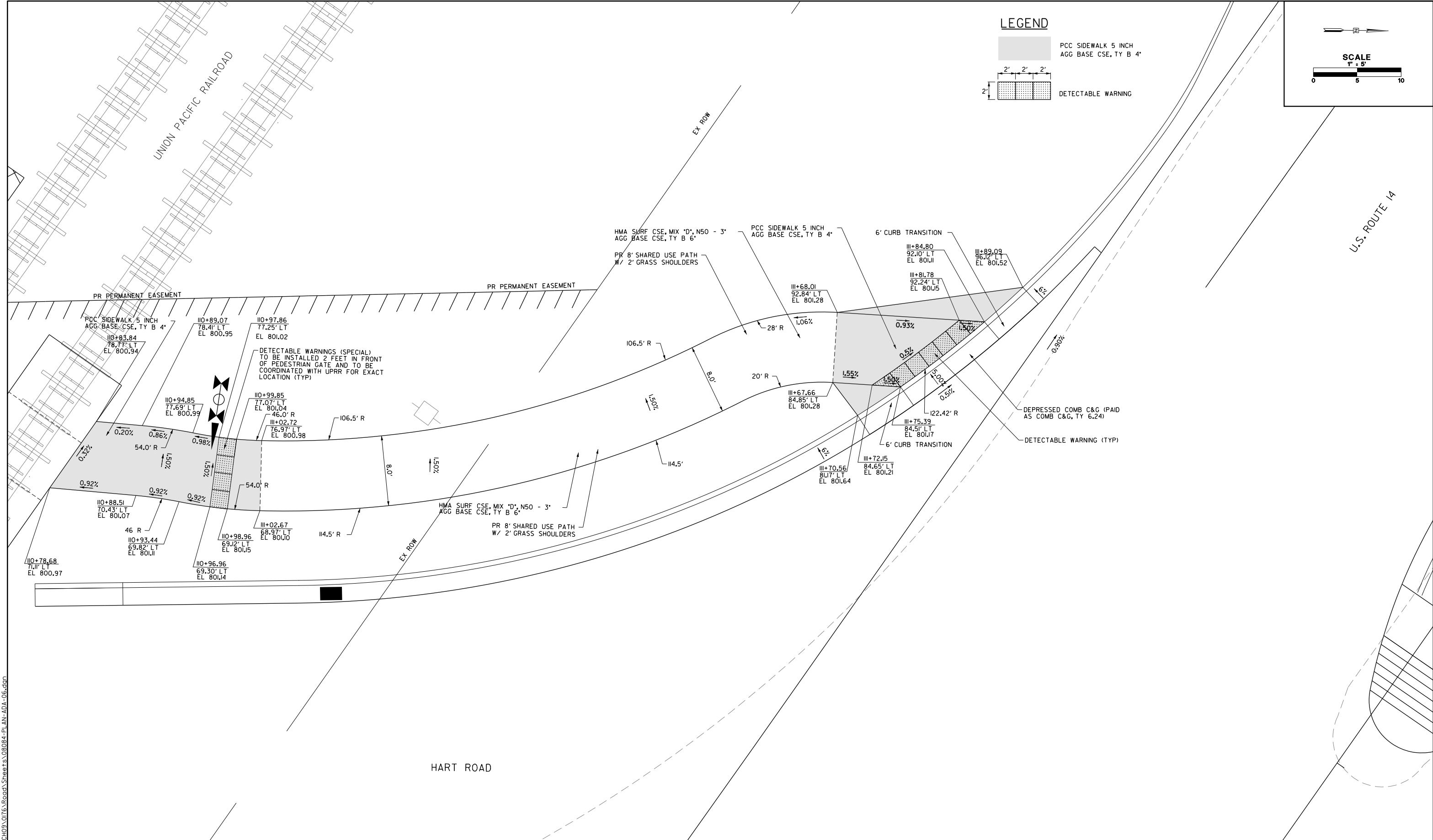
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 10.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAIL
INTERSECTIONS PAVING PLAN**

SCALE: 1/10 SHEET 5 OF 19 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	95
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				



FILE NAME: G:\CH09\0176\Road\Sheet\108084-PLAN-ADA-06.dgn

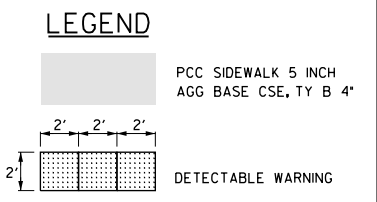
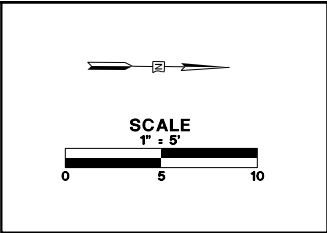
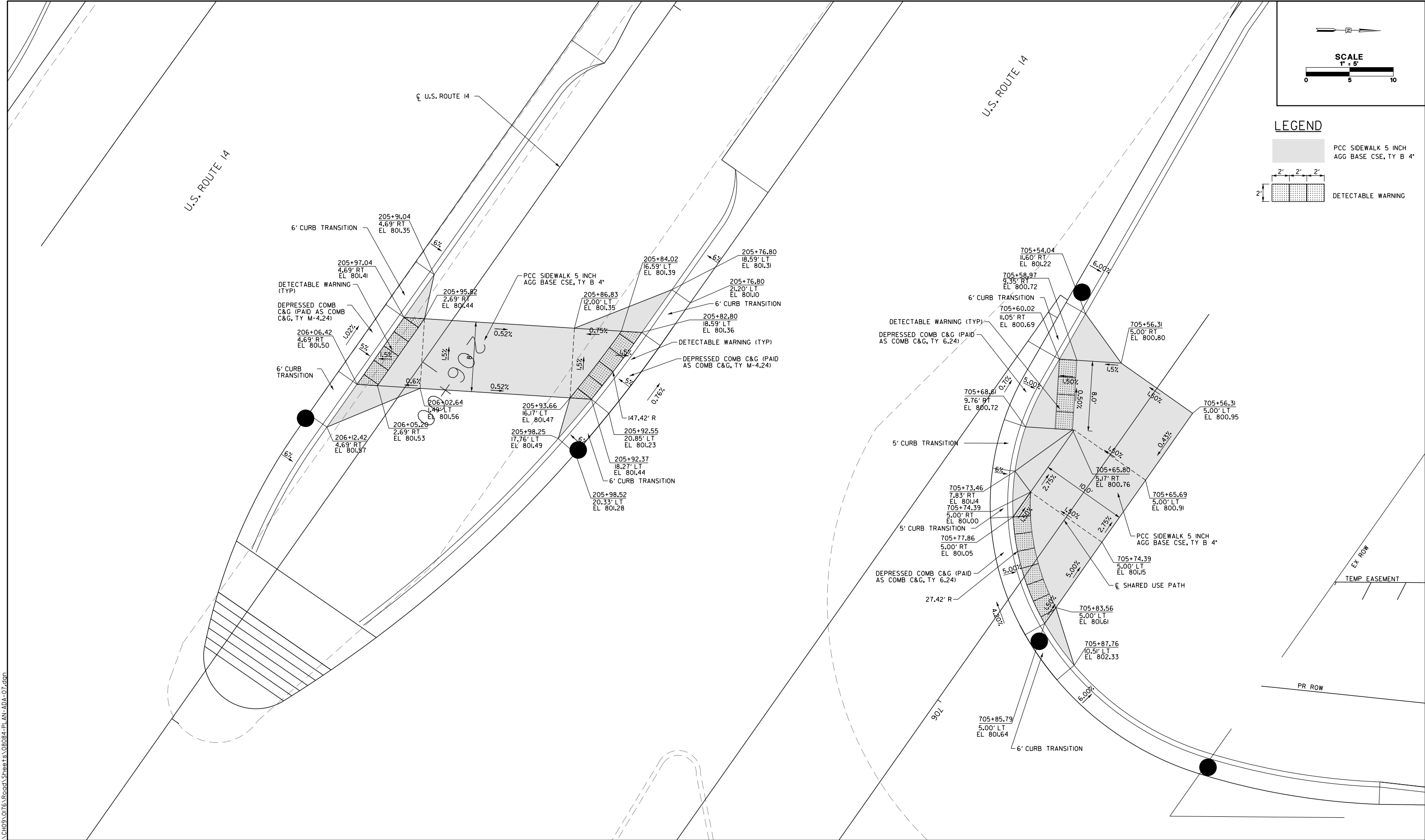


USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 10.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB RAMP DETAIL INTERSECTIONS PAVING PLAN	
SCALE: 1/10"	SHEET 6 OF 19 SHEETS
STA. _____	TO STA. _____

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	96
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				



FILE NAME: G:\CH09\0176\Road\Sheet\108084-PLAN-ADA-01.dgn



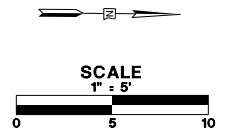
USER NAME = amkidd	DESIGNED - JLJ	REVISED -
PLOT SCALE = 10.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

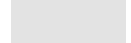
**CURB RAMP DETAIL
INTERSECTIONS PAVING PLAN**

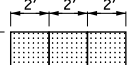
SCALE: 1/8" = 1'-0" SHEET 7 OF 19 SHEETS STA. TO STA.

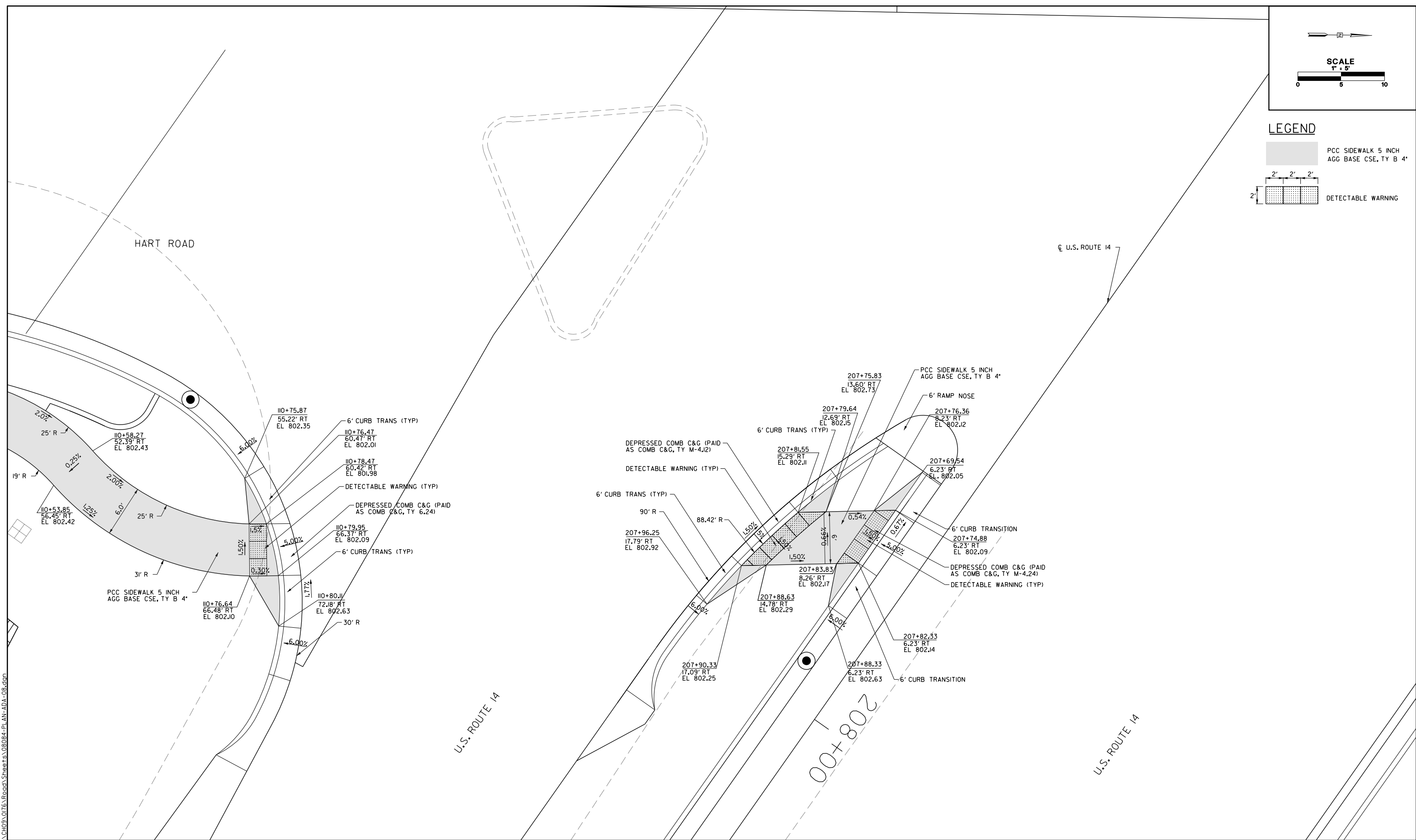
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	97
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				



LEGEND

 PCC SIDEWALK 5 INCH AGG BASE CSE, TY B 4'

 DETECTABLE WARNING



FILE NAME: G:\CH09\0176\Road\Sheet\108084-PLAN-ADA-08.dgn



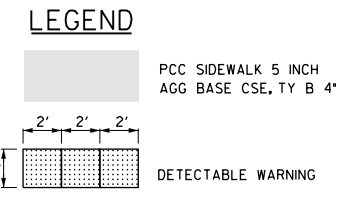
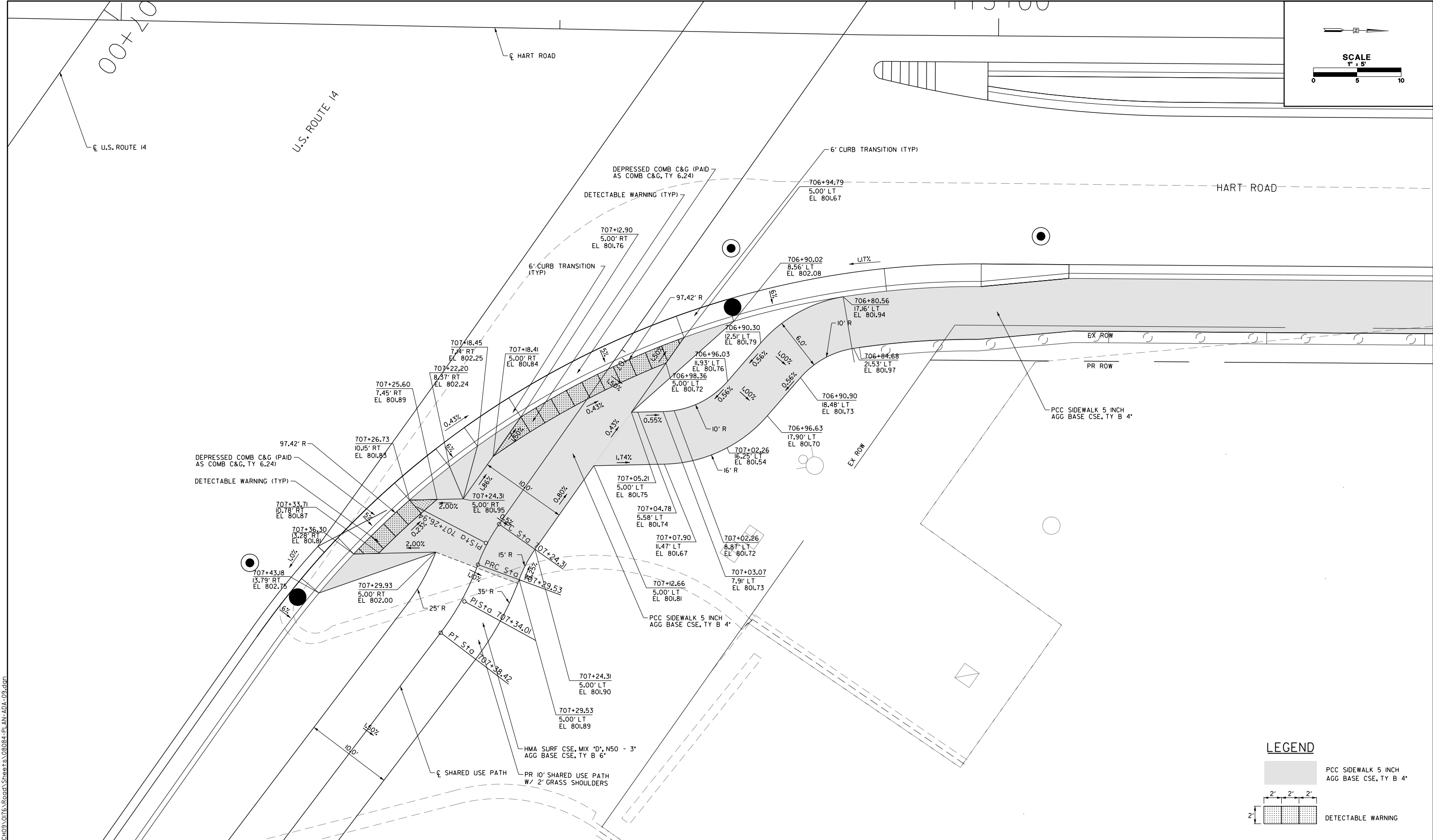
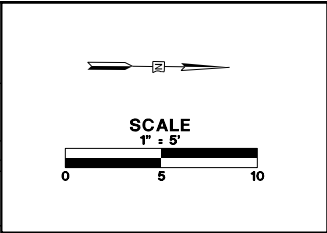
USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 10.00' / 1" =	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAIL
INTERSECTIONS PAVING PLAN**

SCALE: 1/10 SHEET 8 OF 19 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	98
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				



FILE NAME: G:\CH09\0176\Road\Sheet\108084-PLAN-ADA-05.dgn



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 10.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

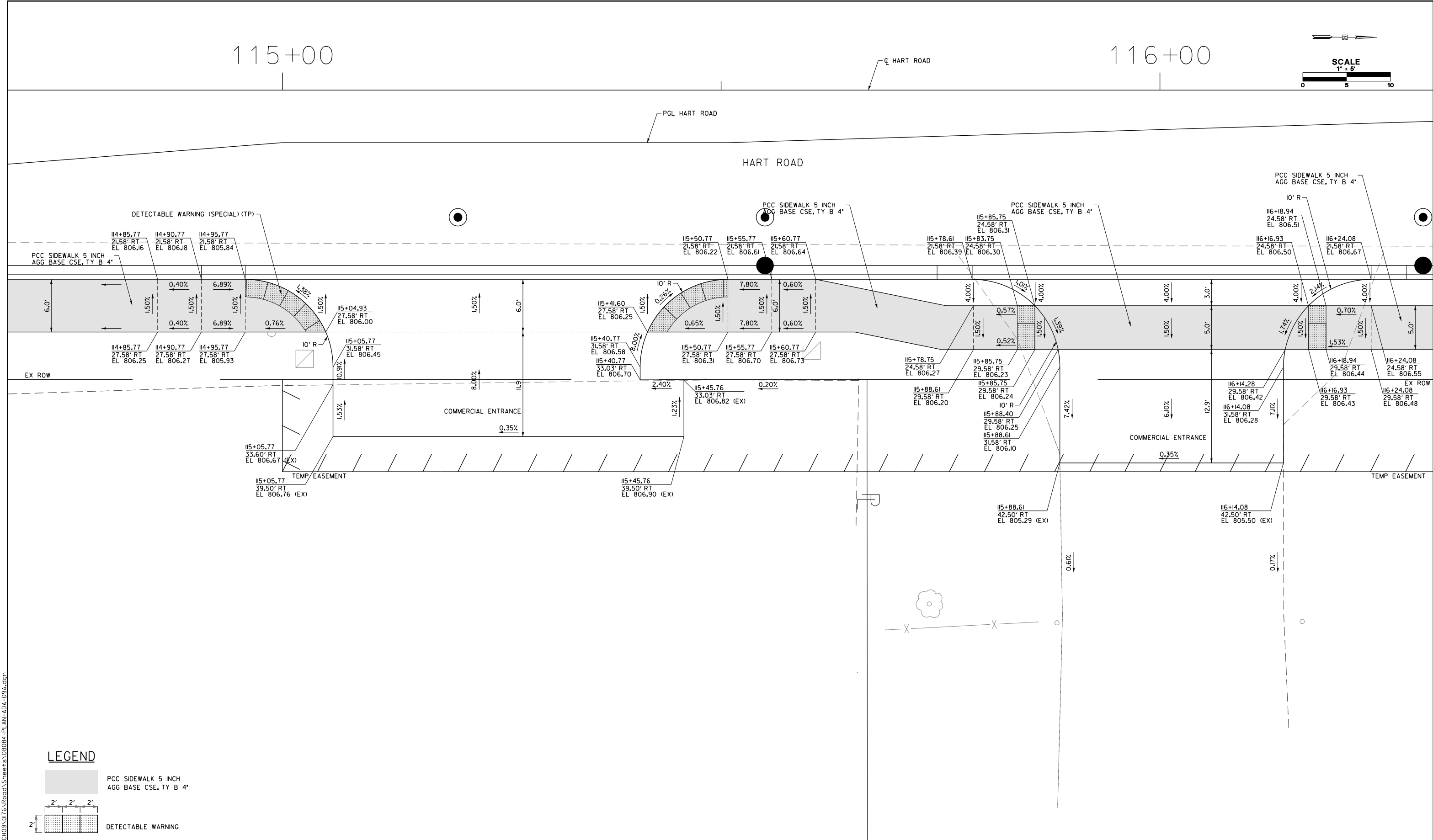
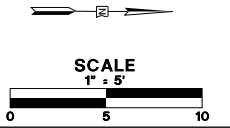
**CURB RAMP DETAIL
INTERSECTIONS PAVING PLAN**

SCALE: 1/10 SHEET 9 OF 19 SHEETS STA. TO STA.

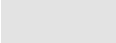
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	99
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				

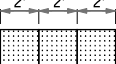
115+00

116+00



LEGEND

 PCC SIDEWALK 5 INCH
AGG BASE CSE, TY B 4"

 DETECTABLE WARNING

FILE NAME: G:\CH09\0176\Road\Sheet\108084-PLAN-ADA-09A.dwg



USER NAME = amkidd	DESIGNED - JLV	REVISED -
PLOT SCALE = 10.00' / in.	DRAWN - AMK	REVISED -
PLOT DATE = 5/22/2019	CHECKED - JWC	REVISED -
	DATE - 5/22/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB RAMP DETAIL
INTERSECTIONS PAVING PLAN**

SCALE: 1/10 SHEET 10 OF 19 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2549	09-00174-05-CH	LAKE	423	100
CONTRACT NO. 6ID65				
ILLINOIS FED. AID PROJECT				