

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 60T35	

D-91-331-12 #919+4=923

DESIGN DESIGNATION:
3655(40) OTHER PRINCIPAL ARTERIAL 3.09 (PCC-20)

TRAFFIC DATA:
WILLOW ROAD
POSTED SPEED 40(EB)/45(WB) MPH (WEST OF IL RTE 43)
DESIGN SPEED 45 MPH
POSTED SPEED 30 MPH (EAST OF IL RTE 43)
DESIGN SPEED 35 MPH
ADT 32,000 (2009) 41,000 (2040)

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 305: WILLOW ROAD
ILLINOIS ROUTE 43 (WAUKEGAN ROAD) TO
INTERSTATE 94 (EDENS EXPRESSWAY) & AT
MIDDLE FORK NORTH BRANCH CHICAGO RIVER
ROADWAY RECONSTRUCTION, ADDITIONAL LANES,
BRIDGE REPLACEMENT, TRAFFIC SIGNAL
MODERNIZATION, INTERCONNECT AND LIGHTING
SECTION: (1920.01,1518,2022&1922.4B)R
PROJECT: ACNHF-0305(999)

COOK COUNTY
C-91-331-12



1475 EAST WOODFIELD ROAD, SUITE 600
SCHALMERSBURG, IL
PHONE: (847) 605-9600
FAX: (847) 605-9610



FIRM: TRANSYSTEMS CORP.
NAME: R. CHRISTOPHER BONUS, P.E.
LICENSE NUMBER: 062-090884
DATE: 10/30/12
SIGNATURE AND SEAL
APPLY TO DRAWINGS:
1 TO 246, 264 TO 348
439 TO 450
515 TO 919
EXPIRATION DATE: 11/30/13

FIRM: TRANSYSTEMS CORP.
NAME: STEPHAN R. FREESE, P.E.
LICENSE NUMBER: 062-055709
DATE: 10/30/12
SIGNATURE AND SEAL
APPLY TO DRAWINGS:
424 TO 438
EXPIRATION DATE: 11/30/13

FIRM: TRANSYSTEMS CORP.
NAME: MATTHEW D. SANTEFORD, P.E., S.E.
LICENSE NUMBER: 081-007244
DATE: 10/30/12
SIGNATURE AND SEAL
APPLY TO DRAWINGS:
451 TO 490
EXPIRATION DATE: 11/30/12

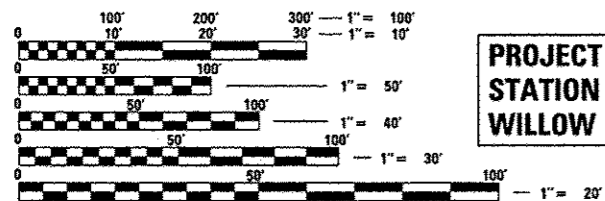
FIRM: TRANSYSTEMS CORP.
NAME: DAJIN LIU, P.E., S.E.
LICENSE NUMBER: 081-005944
DATE: 10/30/12
SIGNATURE AND SEAL
APPLY TO DRAWINGS:
491 TO 500
EXPIRATION DATE: 11/30/14

FIRM: REGINA WEBSTER & ASSOC., INC.
NAME: KATHLEEN M. MEYERKORD, P.E.
LICENSE NUMBER: 062-042962
DATE: 10/31/12
SIGNATURE AND SEAL
APPLY TO DRAWINGS:
349 TO 423
EXPIRATION DATE: 11/30/13

PROJECT LOCATED IN:
VILLAGE OF GLENVIEW, NORTHBROOK,
AND NORTHFIELD

RECONSTRUCTION BEGINS
STATION 631 + 57.95
WILLOW ROAD

PROJECT BEGINS
STATION 627 + 80.00
WILLOW ROAD

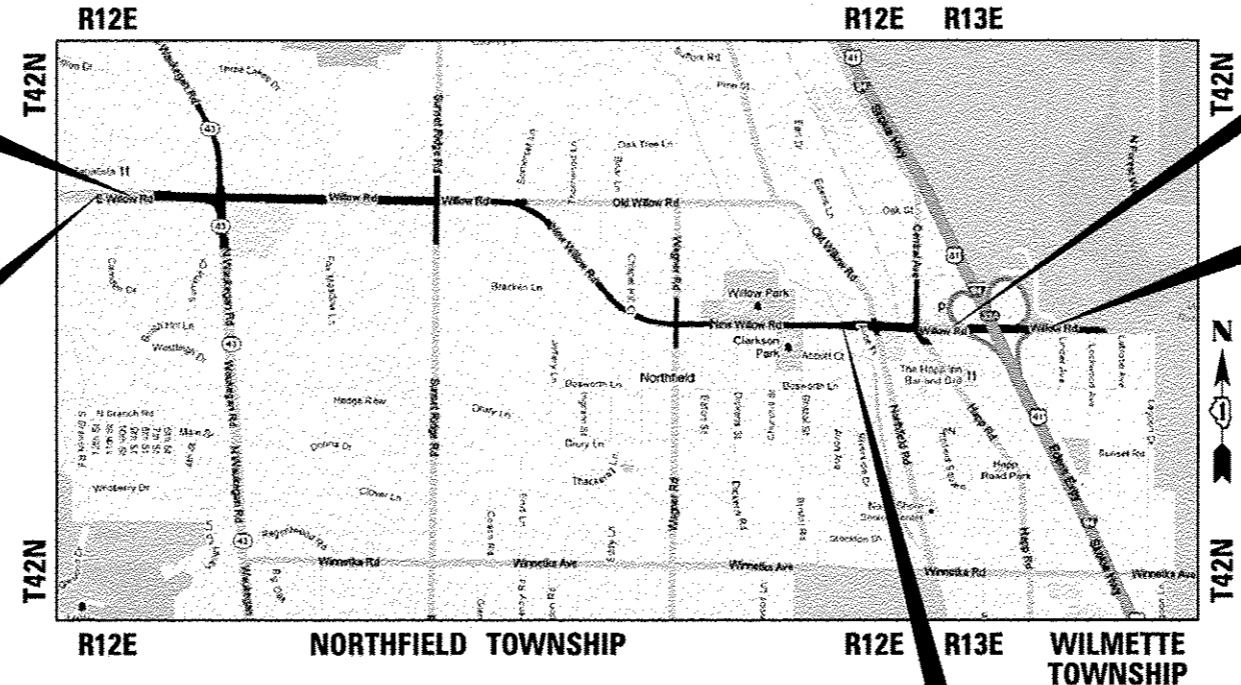


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: CRAIG BAUER (847-705-4265)
PROJECT MANAGER: LONG TRAN, P.E. (847-705-4232)

CONTRACT NO. 60T35



LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 9,518.31 FT. = 1.80 MILE
NET LENGTH = 9,433.81 FT. = 1.79 MILE

RECONSTRUCTION ENDS
STATION 726 + 76.26
WILLOW ROAD

PROJECT ENDS
STATION 737 + 38.97
WILLOW ROAD

BRIDGE REPLACEMENT
STATION 714 + 45.19 TO
STATION 715 + 29.69
STRUCTURE NO. 016-2844

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED October 30 2012
John F. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Dec 7 2012
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT
Dec 7 2012
William R. Frey, Jr.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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877011-05	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-02	STEEL COMB. MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'

FILE NAME	USER NAME	DESIGNED	REVISED
g:\ch11\18158\road\Sheets\0160135-SHT-INDEX-1.dgn	BAV\sort	JLV	-
		DRAWN	KAL
		CHECKED	RCB
		DATE	10/31/2012
		REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: N.T.S. SHEET NO. 2 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11920.01,1518,2022&1922.4BR	COOK	919	2
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. ALL ELEVATIONS SHOWN ON THE PLANS REFER TO NAVD88 UNLESS NOTED OTHERWISE.
2. PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES UNLESS NOTED OTHERWISE ON THE PLANS.
3. UTILITIES
 - a) BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. THE CONTRACTOR SHALL CONTACT "J.U.L.I.E." AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.
 - b) THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING THE TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OR HER OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE HERETO.
 - c) THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES ALONG WITH THE VILLAGES OF NORTHFIELD, NORTHBROOK AND GLENVIEW, AND COOK COUNTY.
 - d) THE CONTRACTOR SHALL NOTIFY THE VILLAGES OF NORTHFIELD, NORTHBROOK AND GLENVIEW IN ORDER TO COORDINATE THE RELOCATION OF ANY VILLAGE-OWNED UTILITIES.
 - e) ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY ACCORDING TO ART. 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
 - f) THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN AND PROTECT EXISTING UTILITIES, SEWERS, MAINS AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR SHALL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES, SEWERS AND MAINS WHICH ARE STILL IN SERVICE. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND UTILITY COMPANY IF IT IS DETERMINED THAT TEMPORARY BRACING OR SUPPORT OF THE UTILITIES IS REQUIRED. THE PROTECTION AND/OR TEMPORARY BRACING OR SUPPORT OF UTILITIES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT AND THE VILLAGE OF NORTHFIELD.
6. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR II BARRICADE USED.
7. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
8. THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER AT 847-715-8419, AND THE AREA EXPRESSWAY FIELD ENGINEER AT 847-705-4151, AT LEAST TWO WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
9. THE RESIDENT ENGINEER SHALL CONTACT THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT 847-705-4155 A MINIMUM OF 72 HOURS PRIOR TO THE INSTALLATION OF ANY TEMPORARY TRAFFIC CONTROL DEVICES ON I-94.
10. ANY AGGREGATE SUBGRADE DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK.
11. A QUANTITY OF HIGH-EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT IS INCLUDED IN THE PLANS. THE ENGINEER SHALL APPROVE THE USE OF THIS MATERIAL PRIOR TO PLACEMENT.
12. TEMPORARY DRAINAGE AND EROSION CONTROL
 - a) THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION OPERATIONS WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION LIMITS.
 - b) TEMPORARY EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS, CONTRACT SPECIAL PROVISIONS AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
 - c) THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN HIGHWAY STANDARD 280001-07.
 - d) WEEKLY SITE INSPECTIONS AND APPROPRIATE MAINTENANCE OF ALL EROSION CONTROL MEASURES/DEVICES SHALL BE CONDUCTED AND DOCUMENTED AT ALL TIMES DURING CONSTRUCTION AND ESPECIALLY PRIOR TO, DURING, AND AFTER RAIN EVENTS. THE CONTRACTOR SHALL IMMEDIATELY PLACE AND MAINTAIN TEMPORARY EROSION CONTROL SEEDING AT ALL ERODIBLE/BARE AREAS IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. SEE SWPPP FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
 - e) THE CONTRACTOR SHALL INSTALL AND MAINTAIN INLET FILTERS AT ALL EXISTING INLETS ADJACENT TO THE EDGE OF PAVEMENT PRIOR TO THE START OF PRE-STAGE WORK. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL NO LONGER REQUIRED OR AS DIRECTED BY THE ENGINEER.
 - f) THE CONTRACTOR SHALL IMMEDIATELY INSTALL AND MAINTAIN INLET FILTERS AT ALL NEW INLETS AND DRAINAGE STRUCTURES. THE INLET FILTERS SHALL BE MAINTAINED AT EACH SUBSEQUENT STAGE UNTIL COMPLETION OF STAGE 3 OR UNTIL NO LONGER REQUIRED.
 - g) THE CONTRACTOR SHALL PLACE PERIMETER EROSION BARRIER AROUND ALL EARTH STOCKPILES.
 - h) PERMANENT STABILIZATION SHALL BE INSTALLED ON ALL AREAS DISTURBED DURING EACH STAGE OF CONSTRUCTION PRIOR TO SWITCHING TRAFFIC TO BEGINNING THE SUBSEQUENT STAGE. ALSO, ALL EROSION CONTROL MEASURES PLACED DURING CONSTRUCTION SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL COMPLETION OF STAGE 3 OR NO LONGER REQUIRED.
 - i) AGGREGATE (EROSION CONTROL) AND FILTER FABRIC HAVE BEEN INCLUDED IN THE PLANS FOR STABILIZED CONSTRUCTION ENTRANCES/EXITS. LOCATIONS OF THE ENTRANCES/EXITS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE INSTALLATION OF THE ENTRANCE/EXITS SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL OR AS DIRECTED BY THE ENGINEER.

12. TEMPORARY DRAINAGE AND EROSION CONTROL (CONTINUED)
 - j) THE CONTRACTOR SHALL USE ROLLED EXCELSIOR FOR THE TEMPORARY DITCH CHECKS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - k) WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS AND SEWERS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS. THE CONTRACTOR SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL PERMANENT CONNECTIONS WITH THE SEWERS ARE BUILT AND IN SERVICE. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEMS BEING INSTALLED.
 - l) 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. THE COST TO MAINTAIN POSITIVE DRAINAGE SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
 - m) DURING CONSTRUCTION OPERATIONS, WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
 - n) AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROJECT.
 - o) PLATING OF PROPOSED DRAINAGE STRUCTURES MAY BE REQUIRED DUE TO THE PROXIMITY OF THE CONSTRUCTION STAGE LINE. SPECIFICALLY THOSE STRUCTURES ALONG THE PROPOSED MEDIAN. THE COST TO PLATE PROPOSED DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE
13. DRAINAGE
 - a) ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCHES IN DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "ELBOW" PIPES. FOR PROPOSED STORM SEWERS LARGER THAN 27 INCHES IN DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "ELBOW" PIPE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR THE STORM SEWERS.
 - b) EXISTING DRAINAGE STRUCTURE LOCATIONS AND INVERTS SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF THE PROPOSED DRAINAGE ITEMS.
 - c) CONNECTION OF THE PROPOSED DRAINAGE SYSTEM TO EXISTING DRAIN TILES, PIPE CULVERTS, STORM SEWERS, OR DRAINAGE STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DRAINAGE ITEMS.
 - d) EXISTING FARM DRAIN OR FIELD TILE THAT IS ENCOUNTERED IN THE FIELD SHALL BE STAKED AND REPORTED TO THE ENGINEER. FACILITIES DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED SO AS TO MAINTAIN THEIR ORIGINAL ALIGNMENT. IF THIS IS NOT POSSIBLE, THE FARM DRAIN OR FIELD TILE SHALL BE REPAIRED AND CONNECTED TO THE PROPOSED DRAIN SYSTEM. THIS WORK SHALL BE DONE ACCORDING TO SECTION 611 OF THE STANDARD SPECIFICATIONS. ALL WORK NECESSARY TO REPAIR THE FARM DRAIN OR FIELD TILE SHALL BE AT THE CONTRACTOR'S EXPENSE.
 - e) A QUANTITY OF 1000 FEET OF EXPLORATION TRENCH 52" DEPTH HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF IDENTIFYING ANY BURIED OBSTACLE. THE ENGINEER SHALL APPROVE THE LOCATIONS OF THE EXPLORATION TRENCH 52" DEPTH BEFORE ANY EXCAVATION MAY BEGIN.
 - f) STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT (3.0 M) AND THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT (0.45 M) ABOVE THE TOP OF THE SEWER. DUCTILE IRON PIPE SHALL BE USED FOR ALL STORM SEWER (WATER MAIN REQUIREMENTS).
 - g) STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT (0.45 M) ABOVE THE TOP OF THE SEWER.
 - h) BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTH AND QUANTITY REQUIRED.
 - i) OFFSETS AND TOP OF FRAME ELEVATIONS FOR STRUCTURES WHICH ARE LOCATED IN THE GUTTER ARE GIVEN AT THE EDGE OF PAVEMENT. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES NOT LOCATED IN THE GUTTER ARE GIVEN TO THE CENTER OF THE GRATE OR LID. STRUCTURES LOCATED IN THE GUTTER SHALL BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTER LINE OF THE ROAD. ALL OTHER STRUCTURES SHALL BE TURNED SO THAT THE FRAME IS FURTHEST FROM THE CENTER LINE OF THE ROAD UNLESS OTHERWISE NOTED ON THE PLANS.
 - j) STATIONS, OFFSETS, AND INVERT ELEVATIONS FOR FLARED END SECTIONS ARE GIVEN AT THE CENTER LINE OF THE OUTLET END OF THE FLARED END SECTION. THE FLARED END SECTION WILL BE SLOPED AT THE SAME SLOPE AS THE OUTLET PIPE.
 - k) PRECAST CONCRETE FLARED END SECTIONS TO BE REMOVED SHALL BE PAID FOR AS STORM SEWER REMOVAL OF THE SIZE SPECIFIED.
 - l) STORM SEWER TO FILLED SHALL BE PAID FOR AS CONTROLLED LOW-STRENGTH MATERIAL.
14. SAW CUT (FULL DEPTH) SHALL BE REQUIRED AT THE JOINT BETWEEN PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, HOT-MIX ASPHALT SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS.
15. WHERE SECTION, SUBSECTION, SUBDIVISION, OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE ENGINEER AND THE VILLAGE SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE MONUMENT'S LOCATIONS.
16. REMOVAL OF EXISTING REGULATORY, WARNING, AND/OR TRAFFIC SIGNS WHICH INTERFERE WITH CONSTRUCTION AND/OR CONFLICT WITH CONSTRUCTION TRAFFIC PATTERNS DESCRIBED IN THE MAINTENANCE OF TRAFFIC PLANS OR DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE LUMP SUM CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

17. BUS SHELTERS
 - a) EXISTING BUS SHELTERS ARE TO BE REMOVED BY PACE. THE CONTRACTOR SHALL CONTACT MR. TAQHI MOHAMMAD OF PACE AT (847) 228-4287 TWO WEEKS PRIOR TO THE NEED FOR REMOVAL OF THE SHELTER.
 - b) FOLLOWING CONSTRUCTION OF THE PROPOSED CONCRETE PAD, THE CONTRACTOR SHALL NOTIFY PACE TO REINSTALL THE BUS SHELTER.
18. ALL PROPOSED CONCRETE MEDIANS SIX FEET WIDE OR LESS SHALL BE POURED MONOLITHICALLY UNLESS OTHERWISE SHOWN IN THE PLANS AND THE OPTIONAL CONSTRUCTION JOINT SHOWN ON STANDARD 606301 WILL NOT BE ALLOWED.
19. ALL CONCRETE MEDIAN SURFACE, 6 INCH SHALL BE FINISHED WITH A CALIFORNIA FINISH UNLESS OTHERWISE NOTED ON THE PLANS.
20. ALL SIDE CURB OR RAMP SIDE FLARES FOR PEDESTRIAN CROSSINGS SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH.
21. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGES OF NORTHFIELD, NORTHBROOK AND GLENVIEW. ALL TEMPORARY FENCE, TREE REMOVAL, TREE PRUNING AND TREE ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS INDICATED IN THE PLANS AND SPECIFICALLY DIRECTED BY THE ENGINEER.
22. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOB SITE. NO WORK IS TO BE PERFORMED (OTHER THAN TREE PRUNING OR TREE ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". THE TEMPORARY FENCE SHALL BE REMOVED ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
23. TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.
24. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. ANY ITEM THAT CANNOT BE REPAIRED SHALL BE REPLACED WITH THE SAME TYPE AND/OR MATERIAL. THE EXISTING GROUND COVER SHALL REMAIN IN ANY AREA WHERE THERE IS NO PROPOSED GRADING.
25. THE CONTRACTOR'S ATTENTION IS CALLED TO THE PRESENCE OF METROPOLITAN WATER RECLAMATION DISTRICT (MWRD) FACILITIES WITHIN THE LIMITS OF PROPOSED IMPROVEMENT. ALL MWRD FACILITIES SHALL BE PROTECTED AND 24-HOUR ACCESS MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY MWRD (312-751-3236) A MINIMUM OF 72 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES IMPACTING MWRD FACILITIES.
26. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
27. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
28. THE CONTRACTORS ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS AT THE WILLOW ROAD AND INTERSTATE 94 INTERCHANGE, SPECIFICALLY ALONG RAMP D. THE CONTRACTOR SHALL CONTACT THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S ELECTRICAL MAINTENANCE CONTRACTOR, JERRY LAKOMIAK (708-524-2145) FROM MEADE ELECTRIC, AT LEAST 72 HOURS PRIOR TO EXCAVATION TO LOCATE THE UNDERGROUND FACILITIES.
29. ALL DAMAGE TO DEPARTMENT-OWNED UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S OWN EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE THE PERMANENT REPAIRS. SPLICING OF ELECTRICAL CABLE SHALL NOT BE ALLOWED, UNLESS IT IS AT AN ELECTRICAL STRUCTURE, AND SHALL BE REPLACED FROM POLE TO POLE, PEDESTAL, HANDHOLE, OR CONTROLLER.
30. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. IN-STREAM WORK AREA SHOWN ON THESE PLANS IS APPROXIMATE. BOUNDARIES OF THE IN-STREAM WORK AREA ARE SUBJECT TO ADJUSTMENT BY THE USACE AND THE CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTING THE PROJECT. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
31. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION 11.5.A AND B OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
32. ANY REFERENCE TO A HIGHWAY STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION OF AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THE PLANS.

NOTE: BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT

FILE NAME : g:\ch11\1581-road\Shoats\160T35-SHT-GE	USER NAME : BAWtopr	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE. 305	SECTION (1920.01,1518,2022&1922.4B)R	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 3	CONTRACT NO. 60T35
NOTE: L.dgn	DRAWN - KAL	REVISED -	SCALE: N.T.S.			SHEET NO. 3 OF 919 SHEETS	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
PLOT SCALE : 100.0000' / 1" =	CHECKED - RCB	REVISED -									
PLOT DATE : 11/1/2012	DATE - 10/31/2012	REVISED -									

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	TRAFFIC SIGNALS																100% GLENNVIEW
							WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING		WILLOW RD AT OLD WILLOW / NORTHFIELD RD		WILLOW RD AT CENTRAL AV / HAPP ROAD		IL ROUTE 43 AT THREE LAKES DRIVE		INTERCONNECT				
							80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 20% NFIELD	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE		
				0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0003	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	98607	98607																			
35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	275	275																			
35101800	AGGREGATE BASE COURSE, TYPE B B"	SQ YD	549	549																			
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	689	689																			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	290	290																			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	24	24																			
40600895	CONSTRUCTING TEST STRIP	EACH	1	1																			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1924	1924																			
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	162	162																			
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	293	293																			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	36	36																			
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	429	429																			
40701871	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"	SQ YD	332	332																			
40701966	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 1/4"	SQ YD	2965	2965																			
42000406	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	SQ YD	55304	55304																			
42000506	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)	SQ YD	14074	14074																			
42001300	PROTECTIVE COAT	SQ YD	31285	31285																			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	43	43																			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	125	125																			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	80582	80582																			
42400800	DETECTABLE WARNINGS	SQ FT	1522	1522																			
44000100	PAVEMENT REMOVAL	SQ YD	72221	72221																			
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	184	184																			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	204	204																			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2091	2091																			
44000300	CURB REMOVAL	FOOT	310	310																			
44000800	COMBINATION CURB AND GUTTER REMOVAL	FOOT	16752	16752																			
44000600	SIDEWALK REMOVAL	SQ FT	46932	46932																			
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	218	218																			
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	262	262																			
44002220	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"	SQ YD	345	345																			
44003100	MEDIAN REMOVAL	SQ FT	7186	7186																			

* DENOTES SPECIALTY ITEM
 \$ 80% FEDERAL, 20% NORTHFIELD (ITEP)
 + 90% STATE, 10% NORTHFIELD
 & 40% STATE, 60% NORTHFIELD
 # 100% NORTHFIELD
 NP NON-PARTICIPATING ITEM

80%
F. 100%
20% NF
3.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS																UTILITIES	100% GLENNVIEW
				ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING	WILLOW RD AT OLD WILLOW / NORTHFIELD RD	WILLOW RD AT CENTRAL AV / HAPP ROAD	IL ROUTE 43 AT THREE LAKES DRIVE	INTERCONNECT						
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	60% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE		
0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0003			
550A0520	STORM SEWERS, CLASS A, TYPE 2 72"	FOOT	331	331																	
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 112"	FOOT	326	277																49	
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 115"	FOOT	196	161																35	
550A2400	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 136"	FOOT	153	151																2	
550A2450	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 166"	FOOT	100	100																	
580A2460	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 172"	FOOT	99	99																	
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	621	557																64	
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	150	135																15	
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	49	49																	
550A2580	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 30"	FOOT	6	5																1	
550A2600	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FOOT	58	58																	
550A2610	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42"	FOOT	443	429																14	
550A2620	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 48"	FOOT	607	558																49	
550A2640	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 60"	FOOT	179	173																6	
550A2650	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 66"	FOOT	78	78																	
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	194	194																	
550A4500	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	472	472																	
550B0040	STORM SEWERS, CLASS B, TYPE 110"	FOOT	5	5																	
550B0050	STORM SEWERS, CLASS B, TYPE 112"	FOOT	41	41																	
550B0070	STORM SEWERS, CLASS B, TYPE 115"	FOOT	56	56																	
55100200	STORM SEWER REMOVAL 6"	FOOT	29	29																	
55100300	STORM SEWER REMOVAL 8"	FOOT	352	352																	
55100400	STORM SEWER REMOVAL 10"	FOOT	283	283																	
55100500	STORM SEWER REMOVAL 12"	FOOT	2070	2070																	
55100700	STORM SEWER REMOVAL 15"	FOOT	1483	1483																	
55100900	STORM SEWER REMOVAL 18"	FOOT	941	941																	
55101100	STORM SEWER REMOVAL 21"	FOOT	308	308																	
55101200	STORM SEWER REMOVAL 24"	FOOT	605	605																	
55101300	STORM SEWER REMOVAL 27"	FOOT	72	72																	
55101400	STORM SEWER REMOVAL 30"	FOOT	209	209																	
55101600	STORM SEWER REMOVAL 36"	FOOT	2246	2246																	
55101800	STORM SEWER REMOVAL 42"	FOOT	71	71																	

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 \$ 80% FEDERAL, 20% NORTHFIELD (ITEP)
 + 90% STATE, 10% NORTHFIELD
 & 40% STATE, 60% NORTHFIELD
 # 100% NORTHFIELD
 NP NON-PARTICIPATING ITEM

Rev.

80% FEDERAL
20% NORTHFIELD
5

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS														UTILITIES	100% GLENNVIEW	
				ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING	WILLOW RD AT OLD WILLOW / NORTHFIELD RD	WILLOW RD AT CENTRAL AV / HAPP ROAD	IL ROUTE 43 AT THREE LAKES DRIVE	INTERCONNECT					
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	80% FED 20% NORTHFIELD ITEP	80% FED 15% STATE 5% NORTHFIELD	80% FED 20% NORTHFIELD ITEP	80% FED 10% STATE 10% NORTHFIELD	80% FED 20% NORTHFIELD ITEP	80% FED 10% STATE 10% NORTHFIELD	80% FED 20% NORTHFIELD ITEP	80% FED 20% STATE			80% FED 20% NORTHFIELD ITEP
0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0003		
* 56100600	WATER MAIN 6"	FOOT	94																	94
* 56100700	WATER MAIN 8"	FOOT	563																	563
* 56100800	WATER MAIN 10"	FOOT	630																	630
* 56100900	WATER MAIN 12"	FOOT	15																	15
* 56101000	WATER MAIN 16"	FOOT	5446																	2035 3411
* 56104900	WATER VALVES 6"	EACH	5																	5
* 56105000	WATER VALVES 8"	EACH	9																	9
* 56105100	WATER VALVES 10"	EACH	1																	1
* 56105300	WATER VALVES 16"	EACH	11																	5.25 5.75
* 56106300	ADJUSTING WATER MAIN 6"	FOOT	30																	30
* 56106400	ADJUSTING WATER MAIN 8"	FOOT	30																	30
* 56106500	ADJUSTING WATER MAIN 10"	FOOT	550																	550
* 56106700	ADJUSTING WATER MAIN 16"	FOOT	180																	180
* 56200500	WATER SERVICE LINE 1 1/2"	FOOT	156																	156
* 56200700	WATER SERVICE LINE 2"	FOOT	18																	18
* 56201600	CORPORATION STOPS 1 1/2"	EACH	6																	6
* 56201800	CORPORATION STOPS 2"	EACH	1																	1
* 56300300	ADJUSTING WATER SERVICE LINES	FOOT	150																	150
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	8																	8
* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	15																	15
* 56400620	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	27																	18 9
* 56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	5																	5
* 56500800	DOMESTIC WATER SERVICE BOXES	EACH	7																	7
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	140		140															
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	142	2																114 26
60100050	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	5	5																
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	230	230																
60109510	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"	FOOT	5076	5076																
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3																
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	11	11																
60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	25	25																
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	95	95																

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 + 90% STATE, 10% NORTHFIELD
 & 40% STATE, 60% NORTHFIELD
 # 100% NORTHFIELD
 NP NON-PARTICIPATING ITEM

Rev.

80% FED
20% NF
5

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS														UTILITIES	100% GLENNVIEW		
				ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING	WILLOW RD AT OLD WILLOW / NORTHFIELD RD	WILLOW RD AT CENTRAL AV / HAPP ROAD	IL ROUTE 43 AT THREE LAKES DRIVE	INTERCONNECT						
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD	60% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 10% STATE 20% NFIELD ITEP	80% FED 10% STATE 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP			80% FED 20% STATE	80% FED 20% NFIELD ITEP
0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0003		
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	11	11																	
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	4	4																	
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3																	
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	16	16																	
60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	9	9																	
60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	12	12																	
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	9	9																	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	16	16																	
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	5																	
60219530	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	4	4																	
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	6	6																	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11																	
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	3	3																	
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	39	39																	
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	2	2																	
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	2	2																	
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	17	17																	
60224448	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 8 GRATE	EACH	1	1																	
60224439	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	1																	
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	21	21																	
60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	8																	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	17	17																	
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	8	8																	
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	68	68																	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	16	16																	
* 60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	14																		
* 60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1																		
* 60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11																		
60250200	CATCH BASINS TO BE ADJUSTED	EACH	10	10																	
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	3																	
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1																	
60255500	MANHOLES TO BE ADJUSTED	EACH	24	13																	

14
1
5.25 5.75

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- # 100% NORTHFIELD
- NP NON-PARTICIPATING ITEM

Rev.

80% / 100%
F
20% / NF
6

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS																UTILITIES	100% GLENNVIEW	
				ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING	WILLOW RD AT OLD WILLOW / NORTHFIELD RD	WILLOW RD AT CENTRAL AV / HAPP ROAD	IL ROUTE 43 AT THREE LAKES DRIVE	INTERCONNECT							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE			80% FED 20% NFIELD ITEP
0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0003		
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2																		
60256400	MANHOLES TO BE ADJUSTED WITH NEW TYPE 6 GRATE	EACH	1	1																		
60256940	MANHOLES TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1																		
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2																			2
60260100	INLETS TO BE ADJUSTED	EACH	4	4																		
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1																		
* 60265700	VALVE VAULTS TO BE ADJUSTED	EACH	22																			22
* 60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1																			1
* 60266800	VALVE BOXES TO BE ADJUSTED	EACH	1																			1
60500040	REMOVING MANHOLES	EACH	68	28																		12 28
60500050	REMOVING CATCH BASINS	EACH	61	61																		
60500060	REMOVING INLETS	EACH	20	20																		
60600605	CONCRETE CURB, TYPE B	FOOT	241	241																		
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	16	16																		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	20452	20452																		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	8444	8444																		
60606200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12 (MODIFIED)	FOOT	8455	8455																		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	851	851																		
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	940	940																		
60620800	CONCRETE MEDIAN, TYPE SB-9.12	SQ FT	20935	20935																		
60624600	CORRUGATED MEDIAN	SQ FT	490	490																		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2																		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2																		
63200310	GUARDRAIL REMOVAL	FOOT	930	930																		
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	195	195																		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	26	26																		
67100100	MOBILIZATION	L SUM	1	1																		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	730	730																		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	137	137																		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1000	1000																		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1536	1536																		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	125090	125090																		

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 NP NON-PARTICIPATING ITEM

Rev.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS																		100% GLENNVIEW
				ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING	WILLOW RD AT OLD WILLOW / NORTHFIELD RD	WILLOW RD AT CENTRAL AV / HAPP ROAD	IL ROUTE 43 AT THREE LAKES DRIVE	INTERCONNECT							
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 20% NFIELD	80% FED 20% NFIELD ITEP	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE		
0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0003				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	11795	11795																		
70300250	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1000	1000																		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1170	1170																		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1978	1978																		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	57205	57205																		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	3000	3000																		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	500	500																		
* 72000100	SIGN PANEL - TYPE 1	SQ FT	785	711				74														
* 72000200	SIGN PANEL - TYPE 2	SQ FT	55	25				30														
* 72000300	SIGN PANEL - TYPE 3	SQ FT	1037	1037																		
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	50	50																		
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	7	7																		
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	135	135																		
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	34	34																		
* 72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	293	293																		
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	58	58																		
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	45	45																		
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	34	34																		
* 72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	13	13																		
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1414	1414																		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	511	511																		
* 72900100	METAL POST - TYPE A	FOOT	699	699																		
* 72900200	METAL POST - TYPE B	FOOT	54	54																		
* 73000100	WOOD SIGN SUPPORT	FOOT	59	59																		
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CUYD	4	4																		
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	5	5																		
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	2	2																		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	400	400																		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15260	15260																		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1289	1289																		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	5008	5008																		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	565	565																		

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 NP NON-PARTICIPATING ITEM

Rev.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	TRAFFIC SIGNALS																				100% GLENVIEW
							WILLOW RD AT IL ROUTE 43		WILLOW RD AT THREE LAKES DRIVE		WILLOW RD AT SUNSET RIDGE ROAD		WILLOW RD AT WAGNER RD		WILLOW RD AT PED ONLY CROSSING		WILLOW RD AT OLD WILLOW / NORTHFIELD RD		WILLOW RD AT CENTRAL AV / HAPP ROAD		IL ROUTE 43 AT THREE LAKES DRIVE		INTERCONNECT	LIGHTING	UTILITIES		
							80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% STATE	
0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0043	0003				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	101	101																							
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	953	953																							
* 78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	FOOT	2615	2615																							
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	1711	1711																							
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	10564	10564																							
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	7244	7244																							
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	1881	1881																							
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	5379	5379																							
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	1024	1024																							
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	895	895																							
* 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	6	6																							
* 78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	1898	1898																							
* 78100300	REPLACEMENT REFLECTOR	EACH	584	584																							
* 78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	600	600																							
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	8																							
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	18	18																							
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2																							
* 78300100	PAVEMENT MARKING REMOVAL	SQ FT	22117	22117																							
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	716	716																							
* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1																								
* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1																								
* 80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2																								
* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	5																								
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	14392					1818	725	732	804	664	962	824					7166					697 \$			
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	436					89	39	52	37	70	57	92													
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	2055					68	60	75	98	68	65	45											1576		
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	3433					866	587	411	430	110	434	595													
* 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	90																	90							
* 81200240	CONDUIT EMBEDDED IN STRUCTURE, 2 1/2" DIA., PVC	FOOT	275																						275		
* 81300720	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 12" X 8"	EACH	2																								
* 81400100	HANDHOLE	EACH	40					4	4	4	4	3	4	4						9	4						
* 81400200	HEAVY-DUTY HANDHOLE	EACH	23					4	3	4	4	4	4	4													

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 NP NON-PARTICIPATING ITEM

Rev.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	TRAFFIC SIGNALS														LIGHTING	100% GLENNVIEW						
							WILLOW RD AT IL ROUTE 43		WILLOW RD AT THREE LAKES DRIVE		WILLOW RD AT SUNSET RIDGE ROAD		WILLOW RD AT WAGNER RD		WILLOW RD AT PED ONLY CROSSING		WILLOW RD AT OLD WILLOW / NORTHFIELD RD		WILLOW RD AT CENTRAL AV / HAPP ROAD				IL ROUTE 43 AT THREE LAKES DRIVE		INTERCONNECT	80% FED 20% STATE	80% FED 20% STATE	80% FED 50% NFIELD ITEP
							80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP			80% FED 20% STATE	80% FED 20% NFIELD ITEP				
				0003	0010	0014		0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0003				
* 81400300	DOUBLE HANDHOLE	EACH	15					4	2	2		2		1		2		2										
* 81603090	UNIT DUCT, 600V, 3-1/4 NO.4, 1/4 NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	3217																					3217				
* 81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/4 NO. 2	FOOT	40																					40				
* 81702460	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/4 NO. 3/0	FOOT	50																					50				
* 81800320	AERIAL CABLE, 3-1/4 NO. 4 WITH MESSENGER WIRE	FOOT	738																					738				
* 81800330	AERIAL CABLE, 3-1/4 NO. 6 WITH MESSENGER WIRE	FOOT	1375																					1375				
* 82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	14																					14				
* 82102310	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT	EACH	7																					7				
* 82500370	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP	EACH	1																					1				
* 83050810	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	7																					7				
* 83057225	LIGHT POLE, WOOD, 40 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	3																					3				
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	300																					300				
* 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	7																					7				
* 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	3																					3				
* 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	10																					10				
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	12																					12				
* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	3																					3				
* 84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1																					1				
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2																					2				
* 86400100	TRANSCEIVER - FIBER OPTIC	EACH	7					1	1	1		1		1		1		1										
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	14662																					14662				
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	8954					1660	1608	1274		1303		180		1308		1621										
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	12 894					2780	2545	1635		1679		290		1645		2320										
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	13 532					3943	2874	1197		1270		1052		1174		2022										
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	9904					1802	923	1985		1523				1614		2157										
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1PAIR	FOOT	16256					6328	1707	2460		2407		692		2154		2508										
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	749					80	45	60		113		115		234		102										
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	5418					925	781	669		769		519		894		861										
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4					4																				
* 87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1					1																				
* 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1					1																				
* 87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1					1																				

* DENOTES SPECIALTY ITEM
 \$ 80% FEDERAL, 20% NORTHFIELD (ITEP)
 + 90% STATE, 10% NORTHFIELD
 & 40% STATE, 60% NORTHFIELD
 # 100% NORTHFIELD
 NP NON-PARTICIPATING ITEM

FILE NAME : G:\CH01\0158\Road\Sheets\0160135-SHT-500.dgn	USER NAME : ambeldm	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. : 305	SECTION : 11920.01.1518.2022&1922.4BIR	COUNTY : COOK	TOTAL SHEETS : 919	SHEET NO. : 14	CONTRACT NO. : 60T35
PLOT SCALE : 48.000' / 1" =	CHECKED - RCB	REVISIONS -	SCALE : N.T.S.			SHEET NO. 14 OF 919 SHEETS	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			
PLOT DATE : 11/1/2012	DATE : 10/31/2012	REVISIONS -									

Rev.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	TRAFFIC SIGNALS																100% G L E N V I E W
							WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING	WILLOW RD AT OLD WILLOW / NORTHFIELD RD	WILLOW RD AT CENTRAL AV / HAPP ROAD	IL ROUTE 43 AT THREE LAKES DRIVE	INTERCONNECT	LIGHTING							
							80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD	80% FED 10% STATE 10% NFIELD	80% FED 10% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD	80% FED 20% STATE 20% NFIELD		
				0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0003
* 87700310	STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1				1																
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	96				20	12	12		16		16		8		12						
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	28				4	4	4		4		4		4		4						
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4	4																			
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	51												37		14						
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	260				56	38	46		44		22		13		39						
* 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	25					25															
* 87900200	DRILL EXISTING HANDHOLE	EACH	6																	3		3	
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	50				12	9	6		6		4		6		7						
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1					1															
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	12						3		3				4		2						
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	24				4	2	5		4				4		5						
* 88030210	SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2										2										
* 88030220	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2						1								1						
* 88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	8				4	2			1						1						
* 88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	38				8	4	8		8		2		4		6						
* 88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6					2	1						2		1						
* 88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	74				16	11	11		10		4		10		12						
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	68				19	7	11		10		2		9		10						
* 88600100	DETECTOR LOOP, TYPE I	FOOT	93					93															
* 88600700	PREFORMED DETECTOR LOOP	FOOT	5828				936	861	1007		901		118		931		1074						
# 88700200	LIGHT DETECTOR	EACH	17				4	3	2		2		1		2		3						
# 88700300	LIGHT DETECTOR AMPLIFIER	EACH	7				1	1	1		1		1		1		1						
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	50				8	8	8		8		2		8		8						
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	7				1	1	1		1				1		1			1			
* 89500510	CABINET HOUSING EQUIPMENT REMOVAL	EACH	1	1																			
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	6542																		6542		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6				1	1	1		1				1		1						
* 89502376	REBUILD EXISTING HANDHOLE	EACH	1																		1		
* 89502380	REMOVE EXISTING HANDHOLE	EACH	67				14	9	10		10				8		14				2		
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	56	1			10	9	9		9				9		9						
* A2000220	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5																			

* DENOTES SPECIALTY ITEM
 \$ 80% FEDERAL, 20% NORTHFIELD (ITEP)
 + 90% STATE, 10% NORTHFIELD
 & 40% STATE, 60% NORTHFIELD
 # 100% NORTHFIELD
 NP NON-PARTICIPATING ITEM

FILE NAME: G:\CH11\0158\Road\Sheet\0160195-SHT-5091.dgn	USER NAME: jrbaldwin	DESIGNED: JLV	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES				F.A.P. RTE.: 305	SECTION: 11920.01,1518,2022&1922.4BR	COUNTY: COOK	TOTAL SHEETS: 919	SHEET NO.: 15
PLOT SCALE: 1/4" = 1'-0"	CHECKED: RCB	DATE: 10/31/2012	REVISED:	SCALE: N.T.S.				SHEET NO. 15 OF 919 SHEETS				CONTRACT NO. 60T35				
PLOT DATE: 11/1/2012	DATE: 10/31/2012	REVISED:	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT													

Rev.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	TRAFFIC SIGNALS																100% GLENVIEW
							WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD		WILLOW RD AT WAGNER RD		WILLOW RD AT PED ONLY CROSSING		WILLOW RD AT OLD WILLOW / NORTHFIELD RD		WILLOW RD AT CENTRAL AV / HAPP ROAD		IL ROUTE 43 AT THREE LAKES DRIVE		INTERCONNECT		
							80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 20% NFIELD	80% FED 10% NFIELD ITEP	80% FED 10% STATE 20% NFIELD	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% STATE	
				0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0003					
* A2000224	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	12	12																			
* A2000232	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 4" CALIPER, BALLED AND BURLAPPED	EACH	6	6																			
* A2000324	TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	7	7																			
* A2000332	TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 4" CALIPER, BALLED AND BURLAPPED	EACH	5	5																			
* A2012220	TREE, AESCULUS X CARNEA FORT MCNAIR (FORT MCNAIR RED HORSECHESTNUT), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	17	17																			
* A2002820	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20	20																			
* A2002824	TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 3" CALIPER, BALLED AND BURLAPPED	EACH	16	16																			
* A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	47	47																			
* B2010120	TREE, CLADRASTIS LUTEA (AMERICAN YELLOWWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	17	17																			
* A2004514	TREE, GINKGO BILOBA AUTUMN GOLD (AUTUMN GOLD GINKGO), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11	11																			
* A2004520	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3																			
* A2004824	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 3" CALIPER, BALLED AND BURLAPPED	EACH	8	8																			
* A2004832	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 4" CALIPER, BALLED AND BURLAPPED	EACH	7	7																			
* A2005096	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	34	34																			
* A2005092	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	2	2																			
* B2005389	TREE, METASEQUOIA GLYPTOSTROBILDES (DAWN REDWOOD), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	13	13																			
* A2005960	TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATION! LONDON PLANETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	28	28																			
* A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	24	24																			
* A2006820	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16	16																			
* A2007170	TREE, QUERCUS WAREI REGAL PRINCE, (REGAL PRINCE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	23	23																			
* A2007251	TREE, ROBINIA PSEUDOACACIA CHICAGO BLUE, (CHICAGO BLUE BLACK LOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	38	38																			
* A2007624	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	22	22																			
* A2008100	TREE, TILIA CORDATA GLENLEVEN (GLENLEVEN LITTLELEAF LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16	16																			
* A2008517	TREE, ULMUS JAPONICA X WILSONIANA MORTON (ACCOLADE ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	33	33																			
* A2008522	TREE, ULMUS JAPONICA X WILSONIANA MORTON (ACCOLADE ELM), 4" CALIPER, BALLED AND BURLAPPED	EACH	5	5																			
* A2008519	TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14	14																			
* A2008518	TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 3" CALIPER, BALLED AND BURLAPPED	EACH	12	12																			
* A2008528	TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 4" CALIPER, BALLED AND BURLAPPED	EACH	16	16																			

* DENOTES SPECIALTY ITEM
 S 80% FEDERAL, 20% NORTHFIELD (ITEP)
 + 90% STATE, 10% NORTHFIELD
 & 40% STATE, 60% NORTHFIELD
 # 100% NORTHFIELD
 NP NON-PARTICIPATING ITEM

FILE NAME : G:\CH\11\15\Road\Sheets\10160735-SHT-S001.dgn	USER NAME : mboldwin	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 305	SECTION (1920.01,1518,2022&1922.4BIR)	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 16	CONTRACT NO. 60T35
PLOT SCALE : 48,000' / in.	CHECKED - RCB	REVISED -	SCALE: N.T.S.			SHEET NO. 16 OF 919 SHEETS	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT			
PLOT DATE : 11/1/2012	DATE - 10/31/2012	REVISED -									

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS																	LIGHTING		100% G L E W I E W			
				ROADWAY	BRIDGE N.BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	WILLOW RD AT IL ROUTE 43		WILLOW RD AT THREE LAKES DRIVE		WILLOW RD AT SUNSET RIDGE ROAD		WILLOW RD AT WAGNER RD		WILLOW RD AT PED ONLY CROSSING		WILLOW RD AT OLD WILLOW / NORTHFIELD RD		WILLOW RD AT CENTRAL AV / HAPP ROAD		IL ROUTE 43 AT THREE LAKES DRIVE			INTERCONNECT	80% F.	20% S.
							80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% NFIELD	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 20% STATE 20% NFIELD ITEP	80% FED 20% STATE 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP				
				0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021		0003	
* A3005332	TREE, ZELKOVA SERRATA VILLAGE GREEN (VILLAGE GREEN JAPANESE ZELKOVA), 4" CALIPER, BALLED AND BURLAPPED	EACH	6	6																						
* B2006769	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 8' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	28	28																						
B2002270	TREE, CRATAEGUS VIRDIS WINTER KING (WINTER KING GREEN HAWTHORN), 8' HEIGHT CLUMP FORM, BALLED AND BURLAPPED	EACH	17	17																						
B2004170	TREE, MALUS PRAIRIFIRE (PRAIRIFIRE CRABAPPLE), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10																						
* B2004569	TREE, MALUS RED JEWEL (RED JEWEL CRAB APPLE), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	14	14																						
* B2006370	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	17	17																						
* C2002364	SHRUB, DIERVILLA RIVULARIS MORTON (SUMMER STARS BUSH-HONEYSUCKLE), 2' HEIGHT, CONTAINER	EACH	88	88																						
* C2005824	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' WIDTH, CONTAINER	EACH	246	246																						
* C2008524	SHRUB, ROSA RUGOSA RUBRA (ROSE DWARF PAVEMENT ROSE), 2' HEIGHT, CONTAINER	EACH	220	220																						
* C2009784	SHRUB, SPIREA BETULIFOLIA TOR (TOR BIRCHLEAF SPIREA), 2' HEIGHT, CONTAINER	EACH	129	129																						
C2011924	SHRUB, VIBURNUM DENTATUM RALPH SENIOR (AUTUMN JAZZ ARROWWOOD VIBURNUM), 2' HEIGHT, BALLED AND BURLAPPED	EACH	14	14																						
C2011936	SHRUB, VIBURNUM DENTATUM RALPH SENIOR (AUTUMN JAZZ ARROWWOOD VIBURNUM), 3' HEIGHT, BALLED AND BURLAPPED	EACH	18	18																						
* D2001578	EVERGREEN, JUNIPERUS VIRGINIANA (EASTERN RED CEDAR), 8' HEIGHT, BALLED AND BURLAPPED	EACH	2	2																						
* D2001580	EVERGREEN, JUNIPERUS VIRGINIANA (EASTERN RED CEDAR), 10' HEIGHT, BALLED AND BURLAPPED	EACH	2	2																						
* D2001988	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 8' HEIGHT, BALLED AND BURLAPPED	EACH	2	2																						
* D2001990	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 10' HEIGHT, BALLED AND BURLAPPED	EACH	1	1																						
* D2003774	EVERGREEN, THUJA OCCIDENTALIS SMARAGO (EMERALD GREEN AMERICAN ARBORVITAE), 3' HEIGHT, BALLED AND BURLAPPED	EACH	31	31																						
D2015401	EVERGREEN, JUNIPERUS CHINENSIS KALLAYS COMPACTA, (KALLAY COMPACT JUNIPER), 24" WIDTH, BALLED AND BURLAPPED	EACH	32	32																						
* K0012870	PERENNIAL PLANTS, BULB TYPE	UNIT	51.80	51.80																						
* K0012980	PERENNIAL PLANTS, ORNAMENTAL TYPE, QUART POT	UNIT	16.00	16.00																						
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	56.43	56.43																						
* K0026700	TREE CARE	EACH	576	576																						
* K0026810	SHRUB CARE	EACH	778	778																						
* K0026850	PERENNIAL PLANT CARE	SQ YD	2299	2299																						
* K0029818	WEED CONTROL, BROADLEAF IN TURF	GALLON	5	5																						
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	48	48																						
* X0322141	REMOVE TEMPORARY WOOD POLE	EACH	7																							
* X0322440	DIGITAL LOOP DETECTOR SENSOR UNIT (2 CHANNEL)	EACH	1	1																						

20

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- * DENOTES SPECIALTY ITEM
- S 80% FEDERAL, 20% NORTHFIELD (ITEP)
- + 90% STATE, 10% NORTHFIELD
- & 40% STATE, 60% NORTHFIELD
- # 100% NORTHFIELD
- NP NON-PARTICIPATING ITEM

FILE NAME =	USER NAME = mhbaldwin	DESIGNED = JLV	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G:\CH11\0158\Road\Sheets\0160135-SHT-5001.dgn	DRAWN = JRS	REVISED =	305							11920, 01, 1518, 2022&1922-48IR	COOK	919	17	
	PLOT SCALE = 48.000 / in.	CHECKED = RCB	REVISED =	SCALE: N.T.S. SHEET NO. 17 OF 919 SHEETS			CONTRACT NO. 60135			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	PLOT DATE = 11/1/2012	DATE = 10/31/2012	REVISED =											

1055 1220 1058 1070 1070
04 02 01 01 / 01
19 20 11 22 22

80% 100%
F 20% NF
5

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS																				LIGHTING	UTILITIES	100% GLENDVIEW	
				ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING	WILLOW RD AT OLD WILLOW / NORTHFIELD RD	WILLOW RD AT CENTRAL AV / HAPP ROAD	IL ROUTE 43 AT THREE LAKES DRIVE	INTERCONNECT	80% FED 20% STATE	50% FED 50% NFIELD ITEP	100% NORTHFIELD									
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD	80% FED 20% NFIELD ITEP	80% FED 10% STATE 20% NFIELD	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE				80% FED 20% NFIELD ITEP
				0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021				0043
* X0322442	-tone EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	4	4																							
* X0322443	tone EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	4	4																							
* X0322444	tone EQUIPMENT - POWER SUPPLY	EACH	2	2																							
* X0322445	tone EQUIPMENT - MOUNTING FRAME	EACH	1	1																							
* X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	1	1																							
* X0322727	POLYETHYLENE DUCT 11/4"	FOOT	185	185																							
# X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 203/C	FOOT	3589			1064	888	305		320			96		303		613										
* X0326146	SOIL CONDITIONER	SQ YD	8042	8042																							
& X0326863	BRICK SIDEWALK	SQ FT	12456	4982																		7474 #					
* X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	2																		2						
* X0327303	REMOVAL OF EXISTING SIGN LIGHTING UNIT WITH NO SALVAGE	EACH	2					2																			
* X0327349	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	5																		5						
* X0327420	SANITARY SEWER, DUCTILE IRON, 8"	FOOT	167																			167					
* X0487700	SANITARY SEWER REMOVAL 10"	FOOT	1768																			1768					
* X0840000	SANITARY SEWER REMOVAL 8"	FOOT	386																			386					
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	19	19																							
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	10	10																							
X4023000	TEMPORARY ACCESS (ROAD)	EACH	25	25																							
X4403800	MEDIAN SURFACE REMOVAL	SQ FT	4984	4984																							
X5015225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	6	6																							
X5091755	PARAPET RAILING, SPECIAL	FOOT	348	160	168																						
NP X5537500	STORM SEWERS TO BE CLEANED 6"	FOOT	40	40																							
NP X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	32	32																							
NP X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1175	1175																							
NP X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	149	149																							
NP X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	617	617																							
NP X5538100	STORM SEWERS TO BE CLEANED 21"	FOOT	450	450																							
NP X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	1200	1200																							
NP X5538300	STORM SEWERS TO BE CLEANED 27"	FOOT	316	316																							
NP X5538400	STORM SEWERS TO BE CLEANED 30"	FOOT	1870	1870																							
NP X5538900	STORM SEWERS TO BE CLEANED 54"	FOOT	1368	1368																							
* X5610016	WATER MAIN 16" (DIRECTIONAL BORE)	FOOT	430																			323 107					

- * DENOTES SPECIALTY ITEM
- \$ 80% FEDERAL, 20% NORTHFIELD (ITEP)
- + 90% STATE, 10% NORTHFIELD
- & 40% STATE, 60% NORTHFIELD
- # 100% NORTHFIELD
- NP NON-PARTICIPATING ITEM

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1.056 1.220 1.056 1.070

100% NF 50% NF

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS																				LIGHTING	UTILITIES	100% GLEWINIEW				
				ROADWAY		BRIDGE N. BRANCH CHICAGO RIVER		BRIDGE OVER I-94 EDENS EXPY		WILLOW RD AT IL ROUTE 43		WILLOW RD AT THREE LAKES DRIVE		WILLOW RD AT SUNSET RIDGE ROAD		WILLOW RD AT WAGNER RD		WILLOW RD AT PED ONLY CROSSING		WILLOW RD AT OLD WILLOW / NORTHFIELD RD		WILLOW RD AT CENTRAL AV / HAPP ROAD					IL ROUTE 43 AT THREE LAKES DRIVE		INTERCONNECT	
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	60% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD ITEP	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD ITEP	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD ITEP	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP				80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 50% NFIELD ITEP
0003	0010	0014	0021	0021		0021		0021		0021		0021		0021		0021		0021		0021		0021		0021		0021	0043	0003		
* X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	5																									5		
* X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	14																									14		
* X5630012	CUT AND CAP EXISTING 12" WATER MAIN	EACH	3																									3		
* X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	5																									5		
* X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	9																									9		
* X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	2																									2		
* X5630716	CONNECTION TO EXISTING WATER MAIN 16"	EACH	1																									1		
X6020084	MANHOLE, SPECIAL	EACH	1	1																										
* X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	41																									13 28		
* X6026822	VALVE VAULTS TO BE REMOVED	EACH	21																									21		
X6061310	CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)	SQ FT	4271	2847																								1424		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1																										
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1																										
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	30	30																										
X7030025	WET REFLECTIVE TEMPORARY TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	4820	4820																										
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	202830	202830																										
X7030035	WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH	FOOT	5318	5318																										
X7030040	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	40618	40618																										
X7030045	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	1000	1000																										
X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	10170	10170																										
X7030055	WET REFLECTIVE TEMPORARY TAPE TYPE III, 24 INCH	FOOT	2936	2936																										
* X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	3	3																										
* X7240605	REMOVE AND RE-ERECT BRIDGE MOUNTED SIGN	EACH	1	1																										
* X7360300	REMOVE OVERHEAD SIGN STRUCTURE - WALKWAY	FOOT	98	98																										
* X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	584	584																										
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	953	953																										
* X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	2615	2615																										
* X8140210	HEAVY-DUTY HANDHOLE (SPECIAL)	EACH	2	2																										
* X8210005	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	11																									11		
* X8250090	COMBINATION POLE LIGHTING CONTROLLER	EACH	4																									4		
* X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	60																									60		
* X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	6						1	1			1			1			1											

- * DENOTES SPECIALTY ITEM
- \$ 80% FEDERAL, 20% NORTHFIELD (ITEP)
- + 90% STATE, 10% NORTHFIELD
- & 40% STATE, 60% NORTHFIELD
- # 100% NORTHFIELD
- NP NON-PARTICIPATING ITEM

FILE NAME : C:\CH11\0158\Road\Sheets\0160T25-SHT-50491.dgn	USER NAME : mbydwin	DESIGNED - JLV	REVISOR -
PLOT SCALE : 40.0000 / 1"	PLOT DATE : 11/1/2012	DRAWN - JRS	REVISION -
		CHECKED - RCB	REVISION -
		DATE - 10/31/2012	REVISION -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET NO. 19 OF 919 SHEETS

F.A.P. RTE. 305	SECTION (11920.01,1518,2022&1922.4B)R	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 19
CONTRACT NO. 60T35				

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 19 20 21 22 23

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-94 EDENS EXPY	TRAFFIC SIGNALS																		LIGHTING	100% GREEN VIEW	
							WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING	WILLOW RD AT OLD WILLOW / NORTHFIELD RD	WILLOW RD AT CENTRAL AV / HAPP ROAD	IL ROUTE 43 AT THREE LAKES DRIVE	INTERCONNECT	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE			80% FED 20% STATE
							0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021			0021
* X8570231	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1					1																			
* X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1					1																			
* X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	7					1	1	1		1		1			1										
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	14777																					14777			
* X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	200	200																							
* X8770123	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT. (SPECIAL)	EACH	2											0.70	1.30												
* X8770126	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT. (SPECIAL)	EACH	1									0.39	0.61														
* X8770134	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT. (SPECIAL)	EACH	2							0.43	0.57	0.43	0.57														
* X8770136	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT. (SPECIAL)	EACH	2						1	0.45	0.55																
* X8770137	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	EACH	2									0.94	1.06														
* X8770139	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. (SPECIAL)	EACH	1							0.53	0.47																
* X8770140	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT. (SPECIAL)	EACH	1							0.55	0.45																
* X8850102	INDUCTION LOOP	FOOT	40	40																							
* X8950075	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1																					1			
* X8950077	REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1																					1			
* X8950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	1																					1			
Z0001850	ARCHITECTURAL PRECAST CONCRETE PANEL	EACH	20		20																						
Z0003600	BEAM STRAIGHTENING	L SUM	1																								
Z0004542	HOT-MIX ASPHALT REMOVAL (SPECIAL)	SQ YD	479	479																							
Z0007124	STEEL RAILING (SPECIAL)	FOOT	537	265	272																						
Z0007430	TEMPORARY SIDEWALK	SQ FT	6000	6000																							
Z0012142	BRIDGE DECK SCARIFICATION 2 1/4"	SQ YD	67		67																						
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	7		7																						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1																							
Z0022800	FENCE REMOVAL	FOOT	307	307																							
Z0026407	TEMPORARY SHEET PILING	SQ FT	560		560																						
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1																							
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	3	3																							
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1																							
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2																							
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	182	182																							
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	21																					21			

- * DENOTES SPECIALTY ITEM
- \$ 80% FEDERAL, 20% NORTHFIELD (ITEP)
- + 90% STATE, 10% NORTHFIELD
- & 40% STATE, 60% NORTHFIELD
- # 100% NORTHFIELD
- NP NON-PARTICIPATING ITEM

FILE NAME : G:\CH11\0150\Road\Sheets\016BT35-SHT-50.dwg	USER NAME : ambaldwin	DESIGNED - JLV	REVISED -
PLOT SCALE = 48.000' / in.		DRAWN - JRS	REVISED -
PLOT DATE = 11/17/2012		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

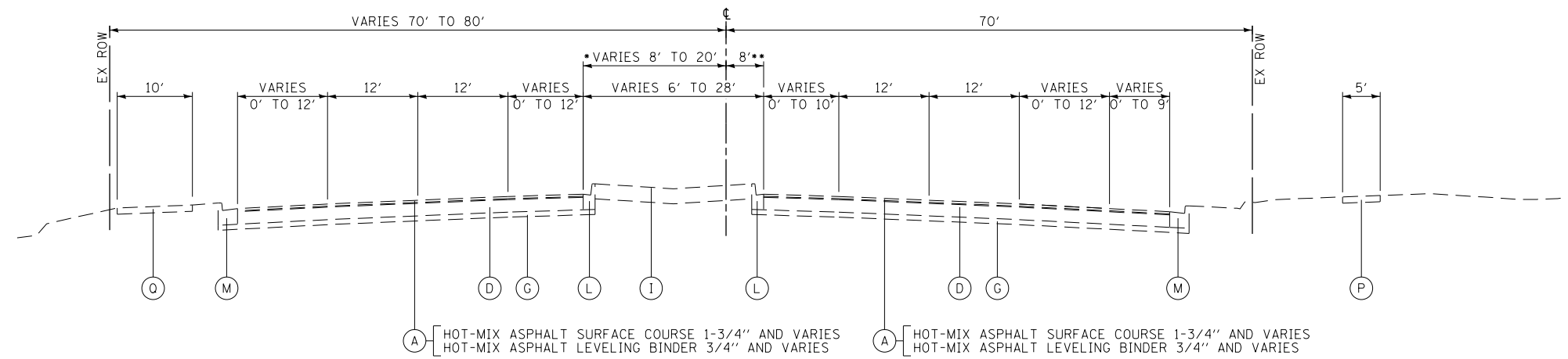
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				SUMMARY OF QUANTITIES			
SCALE: N.T.S.		SHEET NO. 20 OF 919 SHEETS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
				305	11920.01,1518,2022&1922.4BIR	COOK	919 20
				CONTRACT NO. 60T35			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

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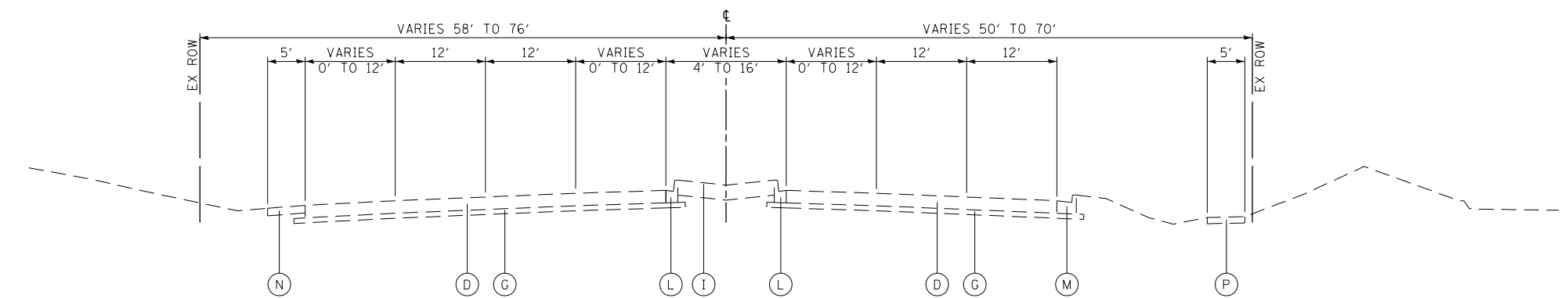
CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	TRAFFIC SIGNALS																				100% GLENNVIEW
				ROADWAY	BRIDGE N. BRANCH CHICAGO RIVER	BRIDGE OVER I-84 EDENS EXPY	WILLOW RD AT IL ROUTE 43	WILLOW RD AT THREE LAKES DRIVE	WILLOW RD AT SUNSET RIDGE ROAD	WILLOW RD AT WAGNER RD	WILLOW RD AT PED ONLY CROSSING		WILLOW RD AT OLD WILLOW / NORTHFIELD RD	WILLOW RD AT CENTRAL AV / HAPP ROAD		IL ROUTE 43 AT THREE LAKES DRIVE		INTERCONNECT	LIGHTING					
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	100% NORTHFIELD	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 15% STATE 5% NFIELD ITEP	80% FED 20% NFIELD ITEP	80% FED 10% STATE 10% NFIELD ITEP	80% FED 10% STATE 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% NFIELD ITEP	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	80% FED 50% STATE 50% NFIELD ITEP		
				0003	0010	0014	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0021	0003			
*X8752640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT. (SPECIAL)	EACH	4					1						1.06	0.94			0.53	0.47					
*X8752680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT. (SPECIAL)	EACH	2											1.15	0.85									
*X8752700	TRAFFIC SIGNAL POST, ALUMINUM 18 FT. (SPECIAL)	EACH	11						1.74	1.26	2.32	1.68				1.16	0.84	1.16	0.84					
*X8752720	TRAFFIC SIGNAL POST, ALUMINUM 18 FT. (SPECIAL)	EACH	1					1																
*X8771170	STEEL MAST ARM ASSEMBLY AND POLE 26 FT. (SPECIAL)	EACH	1													0.32	0.68							
*X8771190	STEEL MAST ARM ASSEMBLY AND POLE 30 FT. (SPECIAL)	EACH	1													0.36	0.64							
*X8771210	STEEL MAST ARM ASSEMBLY AND POLE 34 FT. (SPECIAL)	EACH	1													0.39	0.61							
*X8771220	STEEL MAST ARM ASSEMBLY AND POLE 36 FT. (SPECIAL)	EACH	1															0.40	0.60					
*X8771240	STEEL MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)	EACH	1													0.44	0.56							
*X8771250	STEEL MAST ARM ASSEMBLY AND POLE 42 FT. (SPECIAL)	EACH	3															1.35	1.65					
*X8772930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)	EACH	1					1																
*X8773060	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 65 FT. (SPECIAL)	EACH	1					1																
*X8774516	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48 FT. AND 30 FT. (SPECIAL)	EACH	1					1																
*X8304520	LIGHT POLE, ALUMINUM, 30FT. M.H., 8FT. MAST ARM (SPECIAL)	EACH	21																	7.6	13.4			
*X8304798	LIGHT POLE, ALUMINUM, 18FT. M.H., TENON MOUNT (SPECIAL)	EACH	9																		9			
*X8212160	LUMINAIRE, METAL HALIDE, HORIZONTAL MOUNT, 250WATT (SPECIAL)	EACH	21																	7	14			
*X8213595	LUMINAIRE, METAL HALIDE, SPECIAL MOUNT, 100 WATT (SPECIAL)	EACH	9																		9			
*66900200	NON-SPECIAL WASTE DISPOSAL	CUYD	18900	18900																				
*66900400	SPECIAL WASTE GROUNDWATER DISPOSAL	GALLON	4500	4500																				
*66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1																				
*66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10																				
*66901000	BACKFILL PLUGS	CUYD	20	20																				
XX007023	STAINING CONCRETE STRUCTURES	SQYD	183	183																				
Z0001905	STRUCTURAL STEEL REPAIR	LB	296	296																				

* DENOTES SPECIALTY ITEM
 \$ 80% FEDERAL, 20% NORTHFIELD (ITEP)
 + 90% STATE, 10% NORTHFIELD
 & 40% STATE, 60% NORTHFIELD
 # 100% NORTHFIELD
 NP NON-PARTICIPATING ITEM

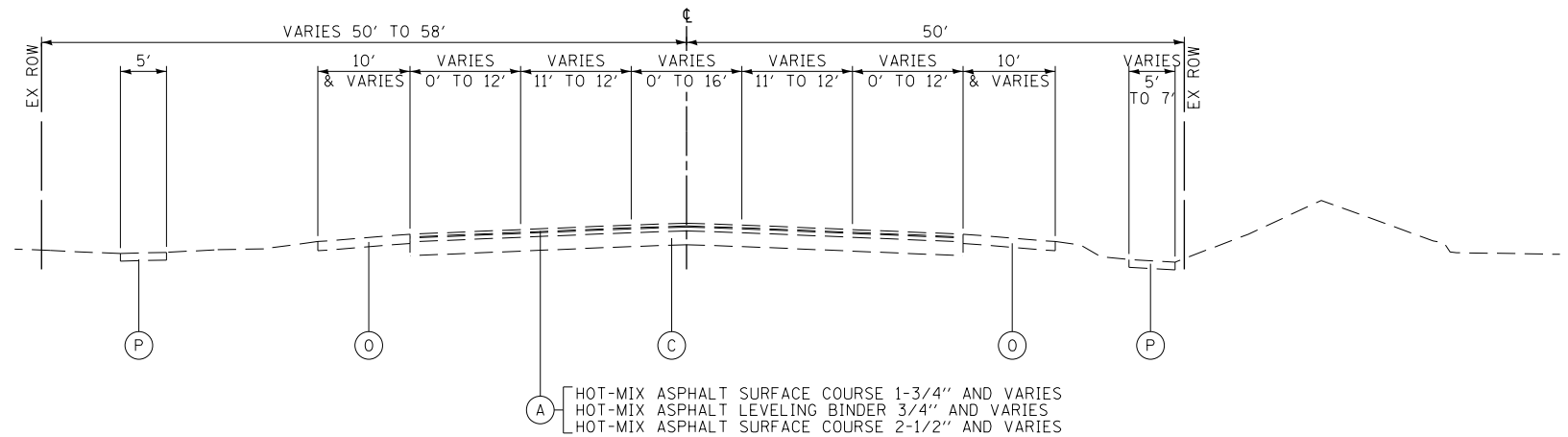
Rev.



EXISTING TYPICAL SECTION
 WILLOW ROAD
 STATION 627+80.00 TO STATION 645+90.00
 • STATION 627+80.00 TO STATION 641+48.02
 •• STATION 641+48.02 TO STATION 645+90.00



EXISTING TYPICAL SECTION
 WILLOW ROAD
 STATION 645+90.00 TO STATION 660+41.00



EXISTING TYPICAL SECTION
 WILLOW ROAD
 STATION 660+41.00 TO STATION 686+82.34
 STATION 702+57.93 TO STATION 715+10.20

- EXISTING**
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
 - (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
 - (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
 - (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
 - (F) STABILIZED BASE COURSE (8" AND VARIES)
 - (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
 - (H) AGGREGATE SUBGRADE (12")
 - (I) GRASS MEDIAN
 - (J) CONCRETE MEDIAN, TY SB-6.06
 - (K) CONCRETE MEDIAN, TY SB-6.12
 - (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
 - (N) BITUMINOUS SHOULDER
 - (O) AGGREGATE WEDGE SHOULDER, TY B
 - (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
 - (Q) MULTI-USE PATH
 - (R) MEDIAN BARRIER

- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
 - (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
 - (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 - (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
 - (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7 1/2"
 - (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
 - (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
 - (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
 - (9) NOT USED
 - (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
 - (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
 - (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
 - (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
 - (16) COMBINATION CONCRETE CURB & GUTTER, TY B-9.12 (MODIFIED)
 - (17) CONCRETE MEDIAN, TY SB-6.06
 - (18) CONCRETE MEDIAN, TY SB-9.12
 - (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
 - (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
 - (21) TOPSOIL FURNISH AND PLACE, 30" AND SODDING OR LANDSCAPING AS NOTED ON PLANS
 - (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
 - (23) BRICK SIDEWALK
 - (24) CONCRETE MEDIAN SURFACE, 4 INCH
 - (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
 - (26) AGGREGATE BASE COURSE, TYPE B

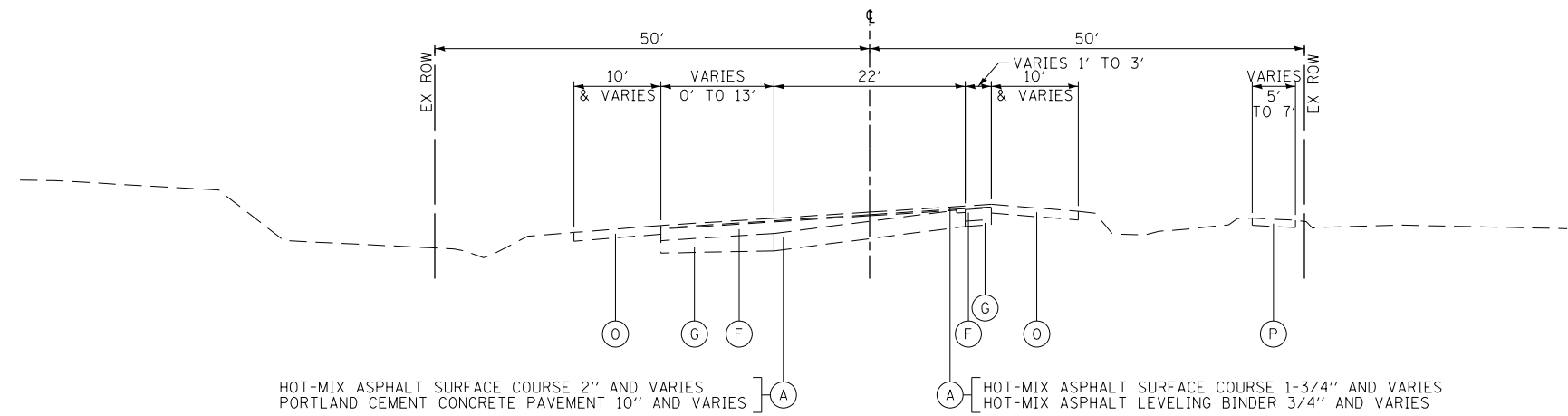
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PLOT SCALE = 20.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 21 OF 919 SHEETS

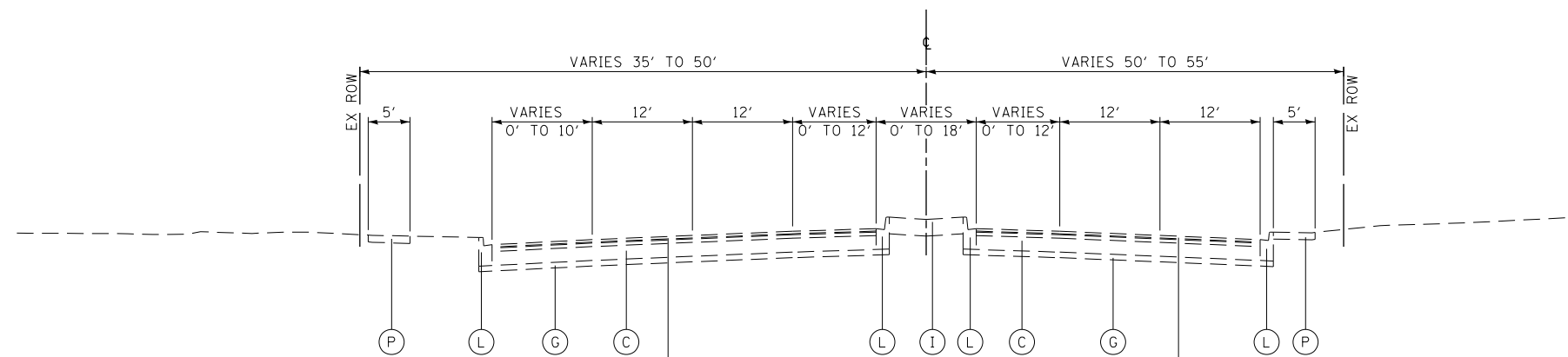
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	21
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



HOT-MIX ASPHALT SURFACE COURSE 2" AND VARIES
PORTLAND CEMENT CONCRETE PAVEMENT 10" AND VARIES] A

A [HOT-MIX ASPHALT SURFACE COURSE 1-3/4" AND VARIES
HOT-MIX ASPHALT LEVELING BINDER 3/4" AND VARIES

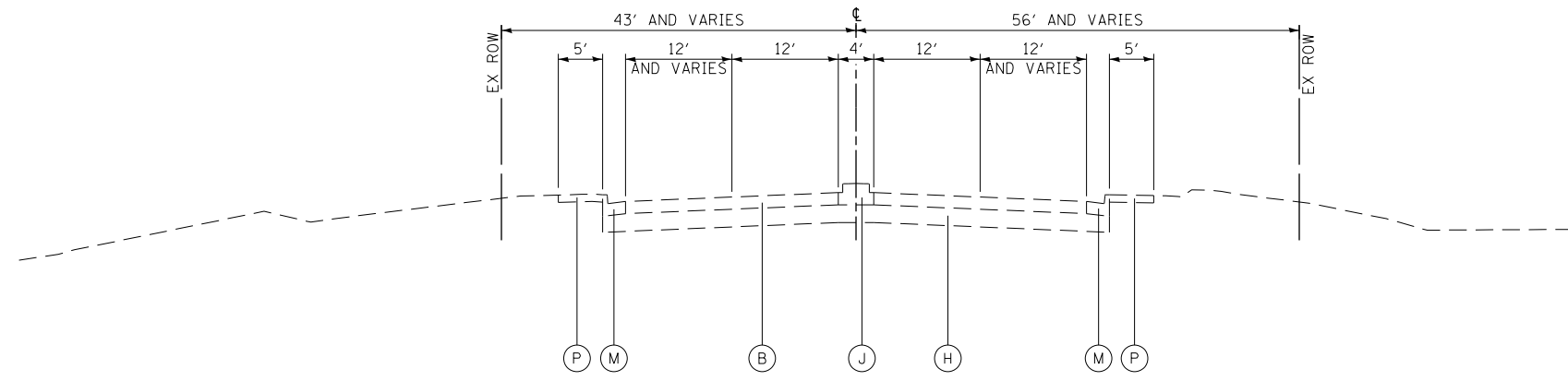
EXISTING TYPICAL SECTION
WILLOW ROAD
STATION 686+82.34 TO STATION 702+57.93



A [HOT-MIX ASPHALT SURFACE COURSE 1-3/4" AND VARIES
HOT-MIX ASPHALT BINDER COURSE 3/4" AND VARIES
HOT-MIX ASPHALT SURFACE COURSE 2-1/2" AND VARIES

A [HOT-MIX ASPHALT SURFACE COURSE 1-3/4" AND VARIES
HOT-MIX ASPHALT BINDER COURSE 3/4" AND VARIES
HOT-MIX ASPHALT SURFACE COURSE 2-1/2" AND VARIES

EXISTING TYPICAL SECTION
WILLOW ROAD
STATION 715+10.20 TO STATION 725+68.00



P M B J H M P

EXISTING TYPICAL SECTION
WILLOW ROAD
STATION 725+68.00 TO STATION 737+38.97

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVEMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
- (F) STABILIZED BASE COURSE (8" AND VARIES)
- (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
- (J) CONCRETE MEDIAN, TY SB-6.06
- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
- (O) AGGREGATE WEDGE SHOULDER, TY B
- (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
- (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
- (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (9) NOT USED
- (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (16) COMBINATION CONCRETE CURB & GUTTER, TY B-9.12 (MODIFIED)
- (17) CONCRETE MEDIAN, TY SB-6.06
- (18) CONCRETE MEDIAN, TY SB-9.12
- (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (21) TOPSOIL FURNISH AND PLACE, 30" AND SODDING OR LANDSCAPING AS NOTED ON PLANS
- (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- (23) BRICK SIDEWALK
- (24) CONCRETE MEDIAN SURFACE, 4 INCH
- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

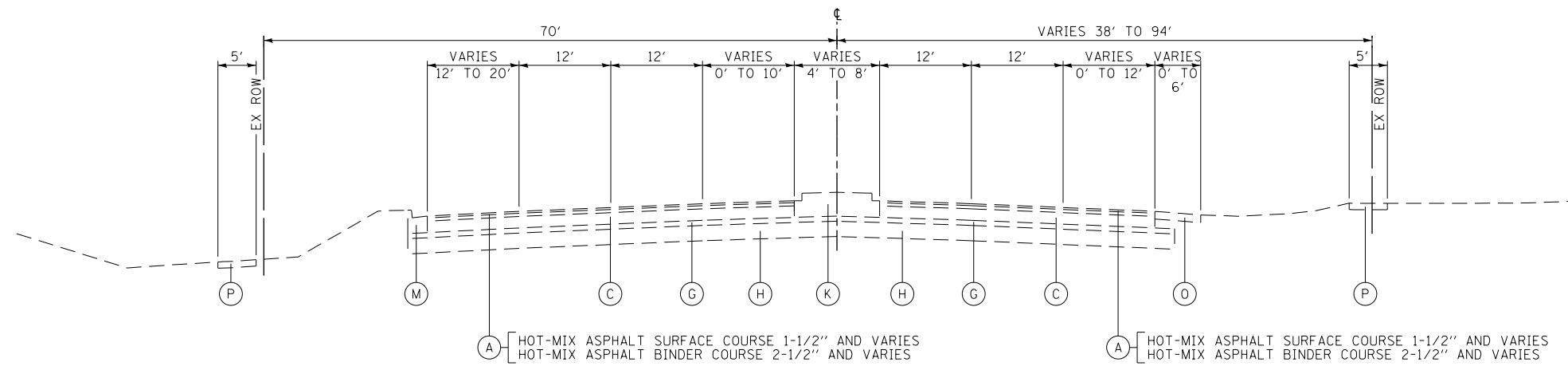
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PLOT SCALE = 20.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

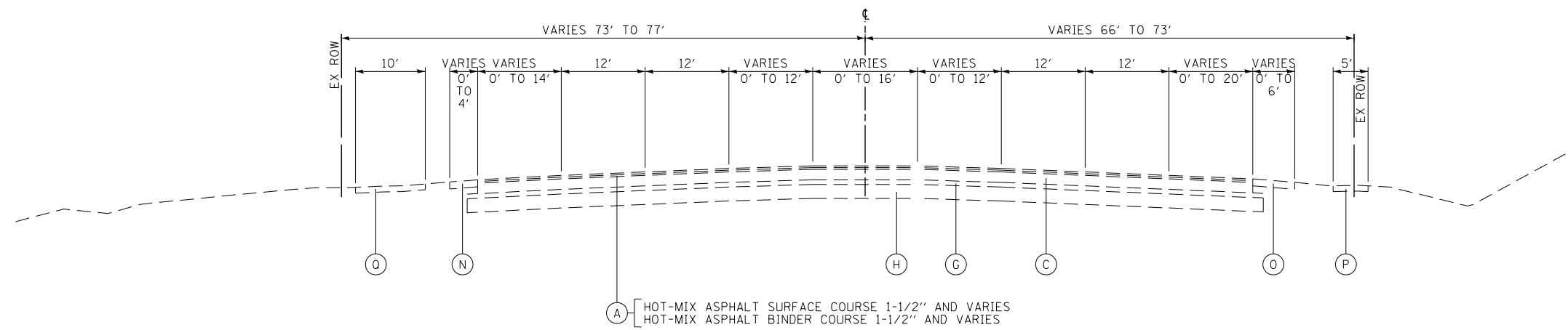
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 22 OF 919 SHEETS

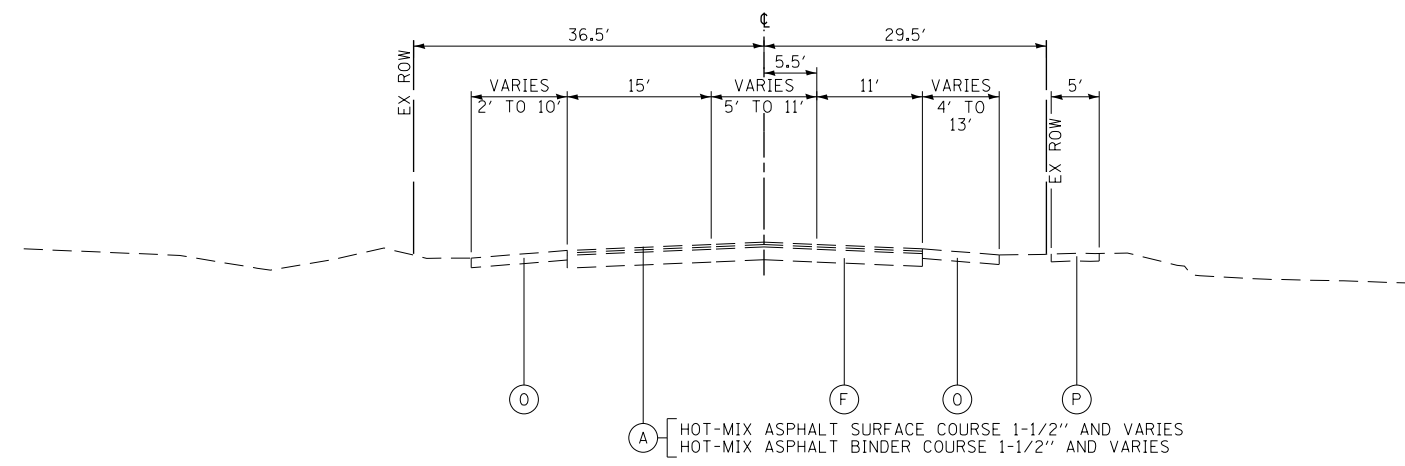
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	22
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 43 (SOUTH OF WILLOW)
STATION 503+87.75 TO STATION 516+00.00



EXISTING TYPICAL SECTION
ILLINOIS ROUTE 43 (NORTH OF WILLOW)
STATION 516+00.00 TO STATION 525+74.72



EXISTING TYPICAL SECTION
SUNSET RIDGE ROAD (SOUTH OF WILLOW)
STATION 33+75.00 TO STATION 36+00.00

- EXISTING**
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
 - (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
 - (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
 - (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
 - (F) STABILIZED BASE COURSE (8" AND VARIES)
 - (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
 - (H) AGGREGATE SUBGRADE (12")
 - (I) GRASS MEDIAN
 - (J) CONCRETE MEDIAN, TY SB-6.06
 - (K) CONCRETE MEDIAN, TY SB-6.12
 - (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
 - (N) BITUMINOUS SHOULDER
 - (O) AGGREGATE WEDGE SHOULDER, TY B
 - (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
 - (Q) MULTI-USE PATH
 - (R) MEDIAN BARRIER

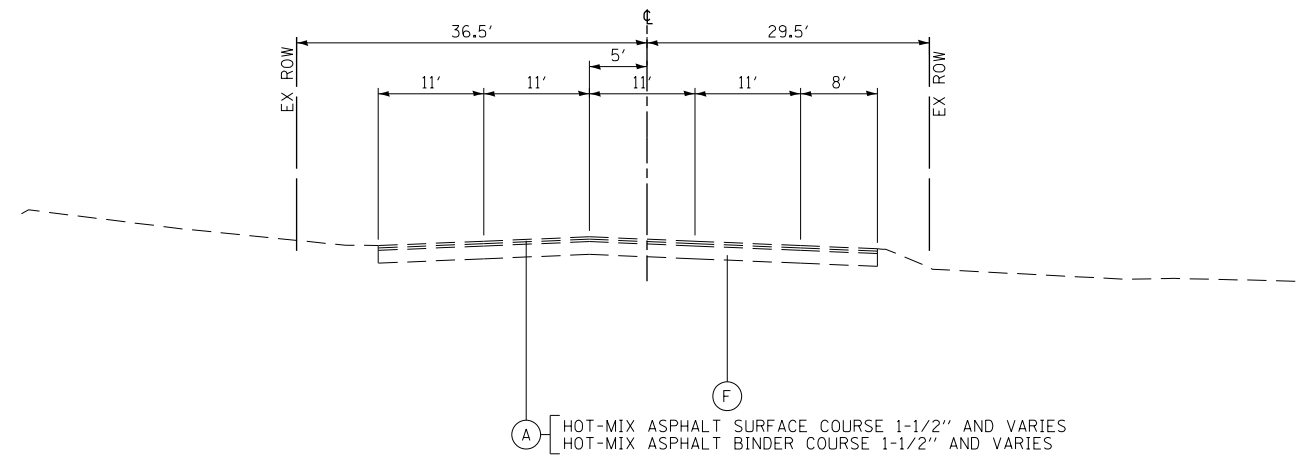
- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
 - (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
 - (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 - (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
 - (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7/2"
 - (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
 - (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
 - (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
 - (9) NOT USED
 - (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
 - (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
 - (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
 - (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
 - (16) COMBINATION CONCRETE CURB & GUTTER, TY B-9.12 (MODIFIED)
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 - (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
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 - (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
 - (23) BRICK SIDEWALK
 - (24) CONCRETE MEDIAN SURFACE, 4 INCH
 - (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
 - (26) AGGREGATE BASE COURSE, TYPE B

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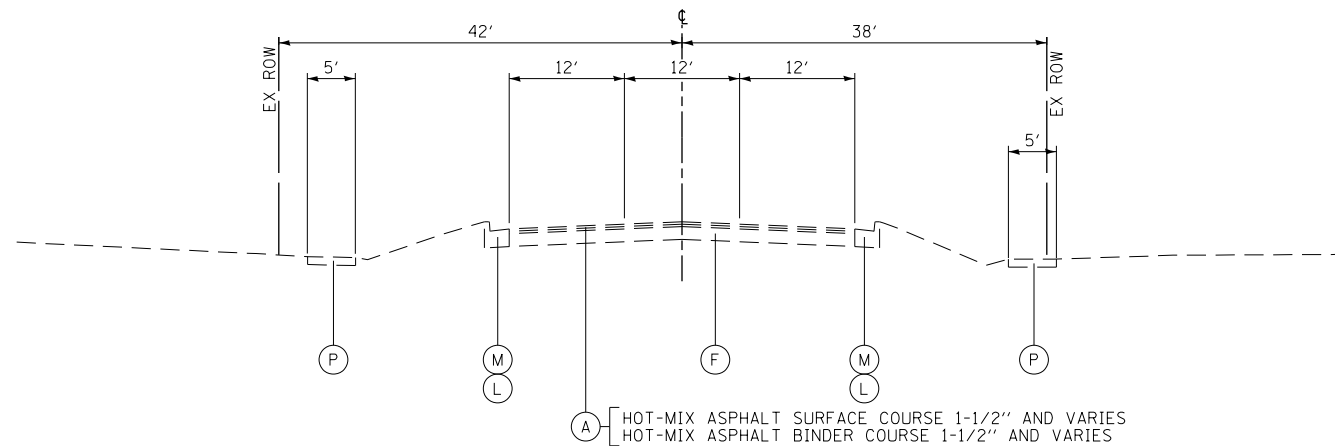
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
SCALE: N.T.S. SHEET NO. 23 OF 919 SHEETS

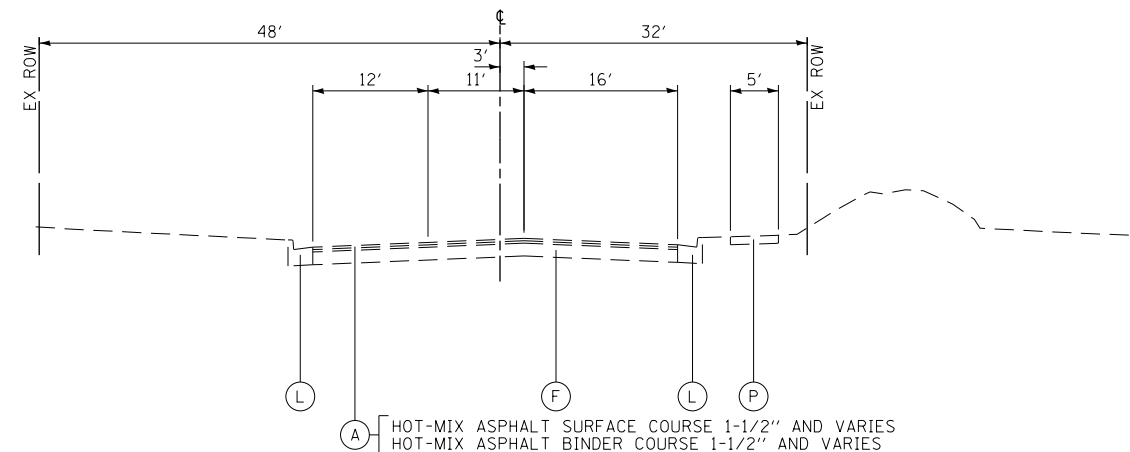
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	23
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



EXISTING TYPICAL SECTION
SUNSET RIDGE ROAD (NORTH OF WILLOW)
STATION 36+00.00 TO STATION 37+70.00



EXISTING TYPICAL SECTION
WAGNER ROAD
STATION 84+45.00 TO STATION 87+50.00



EXISTING TYPICAL SECTION
OLD WILLOW ROAD
STATION 160+00.00 TO STATION 161+32.00

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
- (F) STABILIZED BASE COURSE (8" AND VARIES)
- (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
- (J) CONCRETE MEDIAN, TY SB-6.06
- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
- (O) AGGREGATE WEDGE SHOULDER, TY B
- (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
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- (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (9) NOT USED
- (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (16) COMBINATION CONCRETE CURB & GUTTER, TY B-9.12 (MODIFIED)
- (17) CONCRETE MEDIAN, TY SB-6.06
- (18) CONCRETE MEDIAN, TY SB-9.12
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- (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
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- (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- (23) BRICK SIDEWALK
- (24) CONCRETE MEDIAN SURFACE, 4 INCH
- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

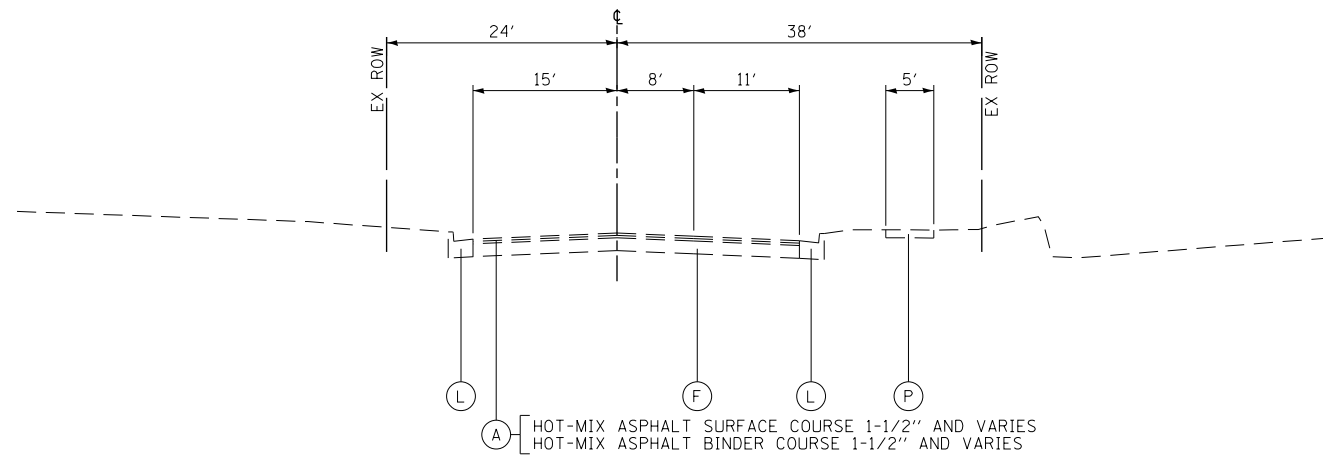
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PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

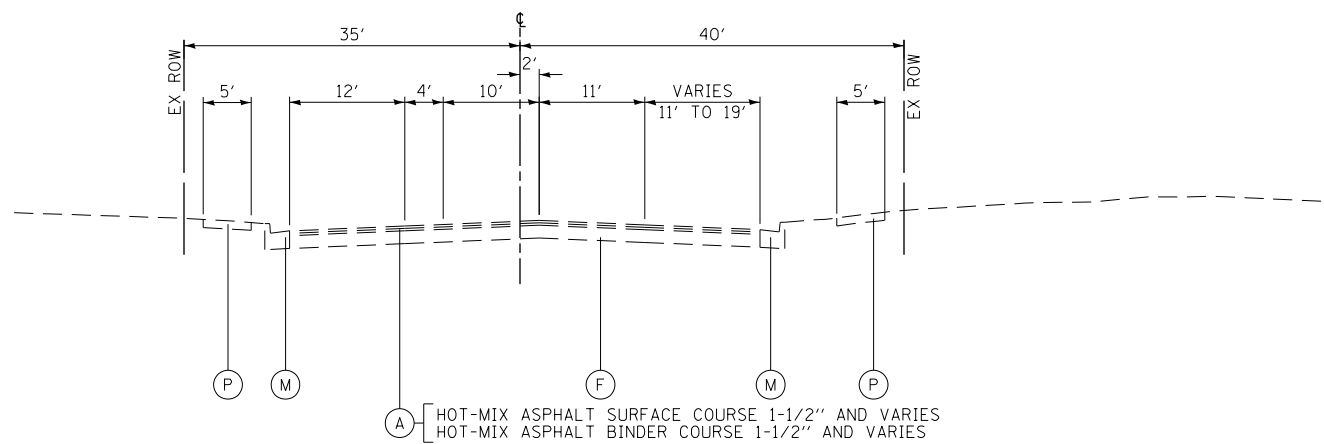
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 24 OF 919 SHEETS

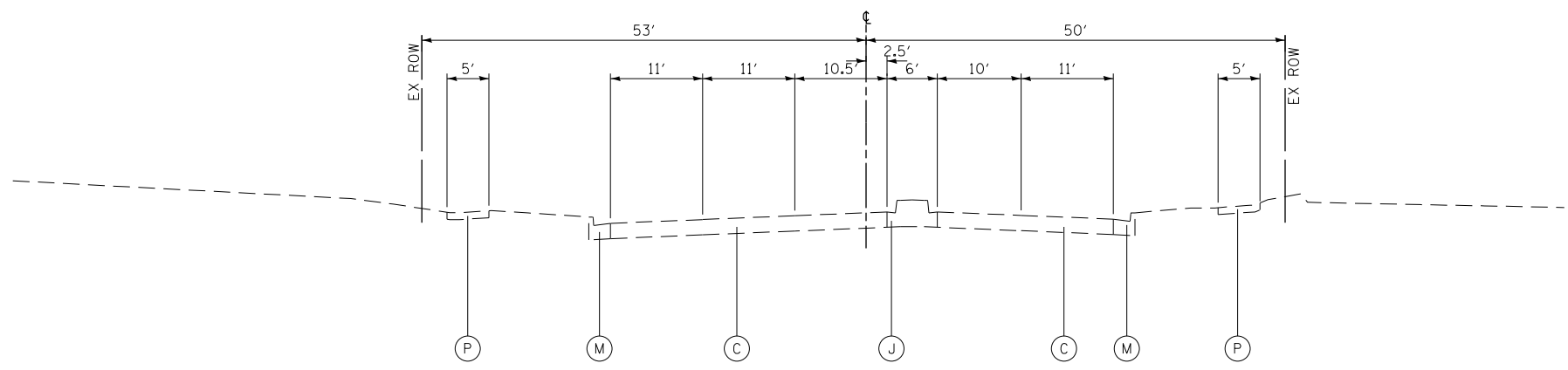
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



EXISTING TYPICAL SECTION
NORTHFIELD ROAD
STATION 174+78.00 TO STATION 176+00.00



EXISTING TYPICAL SECTION
HAPP ROAD
STATION 182+16.08 TO STATION 184+00.00



EXISTING TYPICAL SECTION
CENTRAL AVENUE
STATION 190+00.00 TO STATION 191+40.00

- EXISTING**
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
 - (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
 - (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
 - (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
 - (F) STABILIZED BASE COURSE (8" AND VARIES)
 - (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
 - (H) AGGREGATE SUBGRADE (12")
 - (I) GRASS MEDIAN
 - (J) CONCRETE MEDIAN, TY SB-6.06
 - (K) CONCRETE MEDIAN, TY SB-6.12
 - (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
 - (N) BITUMINOUS SHOULDER
 - (O) AGGREGATE WEDGE SHOULDER, TY B
 - (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
 - (Q) MULTI-USE PATH
 - (R) MEDIAN BARRIER

- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
 - (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
 - (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 - (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
 - (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7/2"
 - (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
 - (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
 - (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
 - (9) NOT USED
 - (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
 - (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
 - (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
 - (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
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 - (17) CONCRETE MEDIAN, TY SB-6.06
 - (18) CONCRETE MEDIAN, TY SB-9.12
 - (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
 - (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
 - (21) TOPSOIL FURNISH AND PLACE, 30" AND SODDING OR LANDSCAPING AS NOTED ON PLANS
 - (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
 - (23) BRICK SIDEWALK
 - (24) CONCRETE MEDIAN SURFACE, 4 INCH
 - (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
 - (26) AGGREGATE BASE COURSE, TYPE B

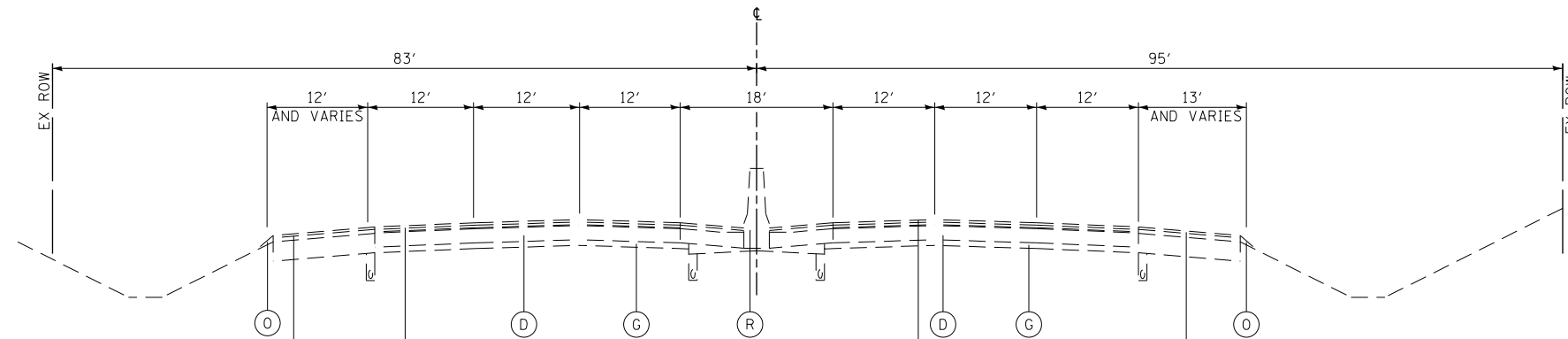
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PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 25 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

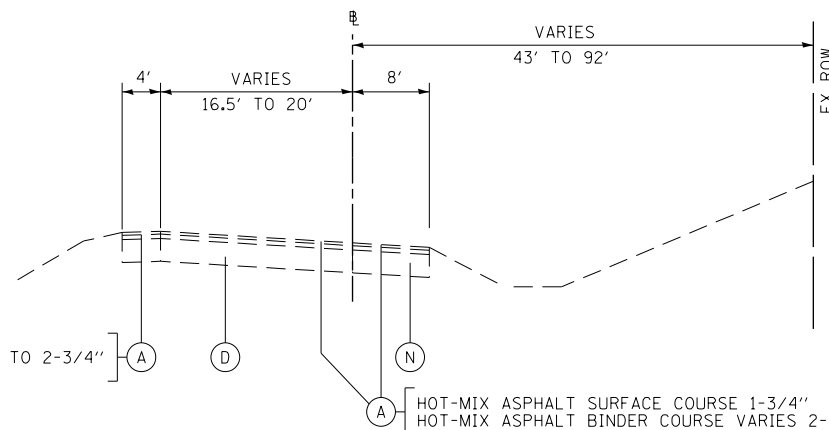


HOT-MIX ASPHALT SURFACE COURSE 1-3/4" AND VARIES
 HOT-MIX ASPHALT BINDER COURSE VARIES 2-1/4" TO 2-3/4"
 BITUMINOUS SHOULDER 13" AND VARIES

HOT-MIX ASPHALT SURFACE COURSE 1-3/4" AND VARIES
 HOT-MIX ASPHALT BINDER COURSE VARIES 2-1/4" TO 2-3/4"
 LEVELING BINDER 3/4" AND VARIES

HOT-MIX ASPHALT SURFACE COURSE 1-3/4" AND VARIES
 HOT-MIX ASPHALT BINDER COURSE VARIES 2-1/4" TO 2-3/4"
 BITUMINOUS SHOULDER 13" AND VARIES

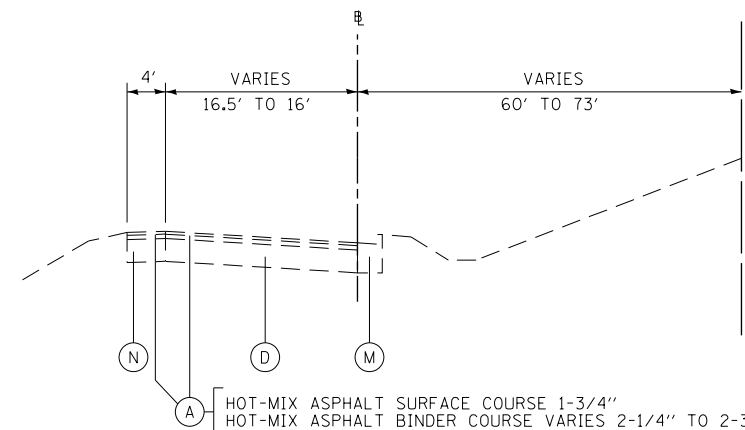
EXISTING TYPICAL SECTION
 INTERSTATE 94



HOT-MIX ASPHALT SURFACE COURSE 1-3/4"
 HOT-MIX ASPHALT BINDER COURSE VARIES 2-1/4" TO 2-3/4"
 BITUMINOUS SHOULDER 10"

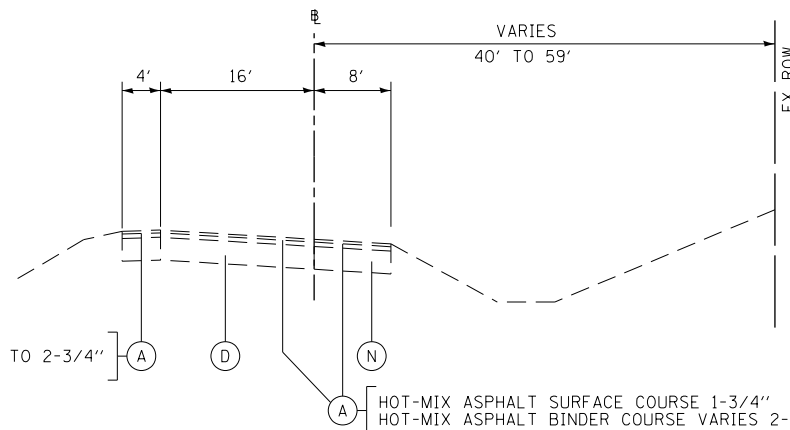
HOT-MIX ASPHALT SURFACE COURSE 1-3/4"
 HOT-MIX ASPHALT BINDER COURSE VARIES 2-1/4" TO 2-3/4"

EXISTING TYPICAL SECTION
 INTERSTATE 94 RAMP A
 STATION 302+50.53 TO STATION 305+01.23



HOT-MIX ASPHALT SURFACE COURSE 1-3/4"
 HOT-MIX ASPHALT BINDER COURSE VARIES 2-1/4" TO 2-3/4"

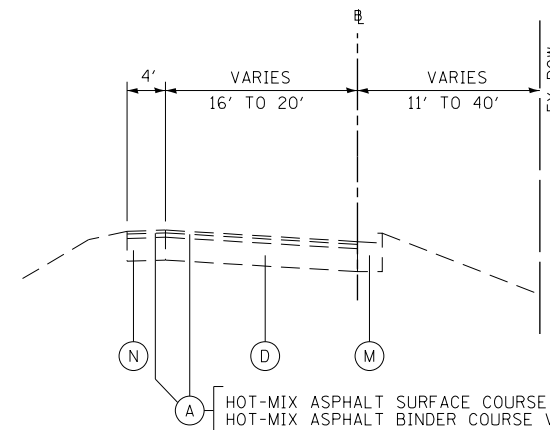
EXISTING TYPICAL SECTION
 INTERSTATE 94 RAMP A
 STATION 305+01.23 TO STATION 306+25.52



HOT-MIX ASPHALT SURFACE COURSE 1-3/4"
 HOT-MIX ASPHALT BINDER COURSE VARIES 2-1/4" TO 2-3/4"
 BITUMINOUS SHOULDER 10"

HOT-MIX ASPHALT SURFACE COURSE 1-3/4"
 HOT-MIX ASPHALT BINDER COURSE VARIES 2-1/4" TO 2-3/4"

EXISTING TYPICAL SECTION
 INTERSTATE 94 RAMP D
 STATION 369+22.32 TO STATION 371+73.88



HOT-MIX ASPHALT SURFACE COURSE 1-3/4"
 HOT-MIX ASPHALT BINDER COURSE VARIES 2-1/4" TO 2-3/4"

EXISTING TYPICAL SECTION
 INTERSTATE 94 RAMP D
 STATION 371+73.88 TO STATION 373+15.73

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
- (F) STABILIZED BASE COURSE (8" AND VARIES)
- (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
- (J) CONCRETE MEDIAN, TY SB-6.06
- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
- (O) AGGREGATE WEDGE SHOULDER, TY B
- (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
- (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
- (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (9) NOT USED
- (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (16) COMBINATION CONCRETE CURB & GUTTER, TY B-9.12 (MODIFIED)
- (17) CONCRETE MEDIAN, TY SB-6.06
- (18) CONCRETE MEDIAN, TY SB-9.12
- (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (21) TOPSOIL FURNISH AND PLACE, 30" AND SODDING OR LANDSCAPING AS NOTED ON PLANS
- (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- (23) BRICK SIDEWALK
- (24) CONCRETE MEDIAN SURFACE, 4 INCH
- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

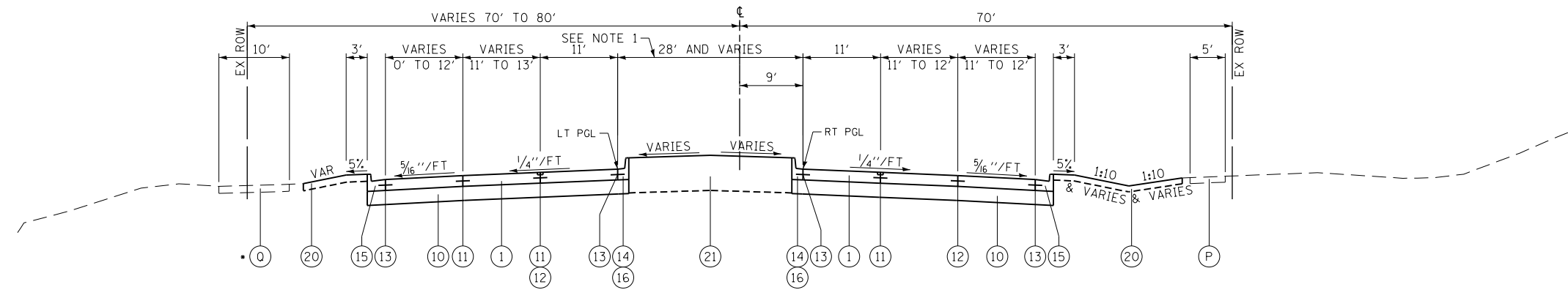
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PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

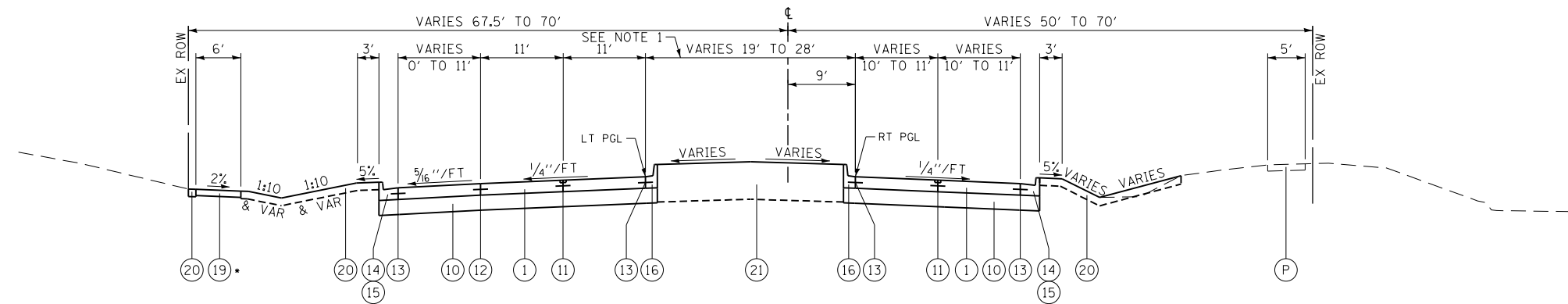
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 26 OF 919 SHEETS

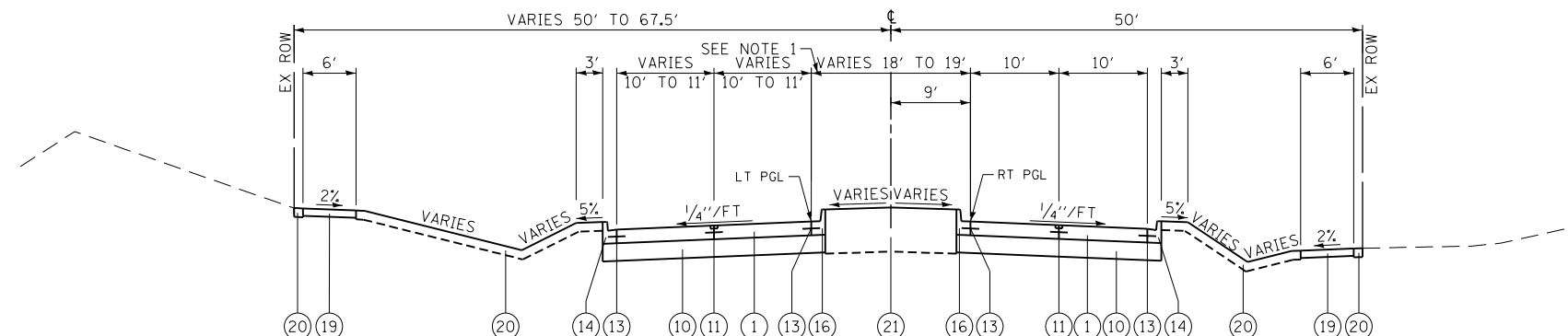
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	26
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



PROPOSED TYPICAL SECTION
WILLOW ROAD
STATION 627+80.00 TO STATION 641+48.02
• STATION 627+80.00 TO STATION 641+48.02



PROPOSED TYPICAL SECTION
WILLOW ROAD
STATION 647+40.00 TO STATION 657+03.00
• STATION 641+48.02 TO STATION 657+03.00



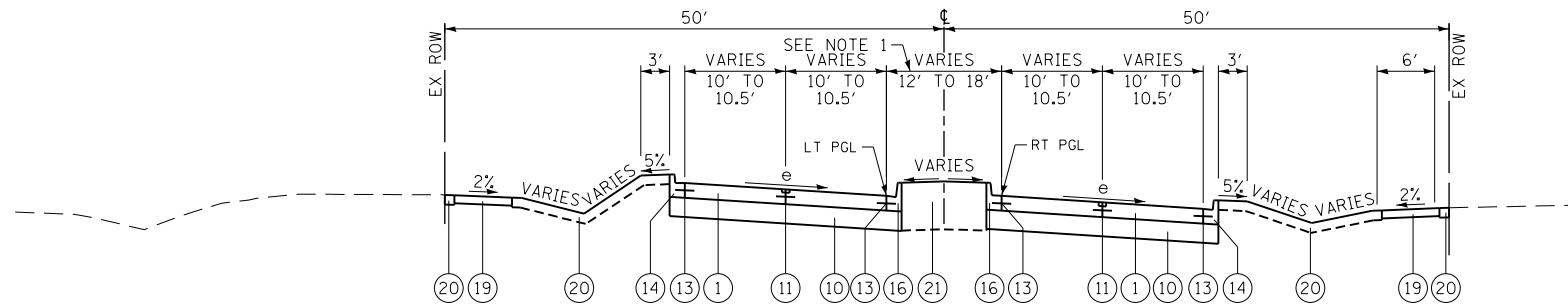
PROPOSED TYPICAL SECTION
WILLOW ROAD
STATION 657+03.00 TO STATION 668+92.00

NOTES:
1. SEE SHEET 29 FOR LEFT TURN LANE DETAILS.

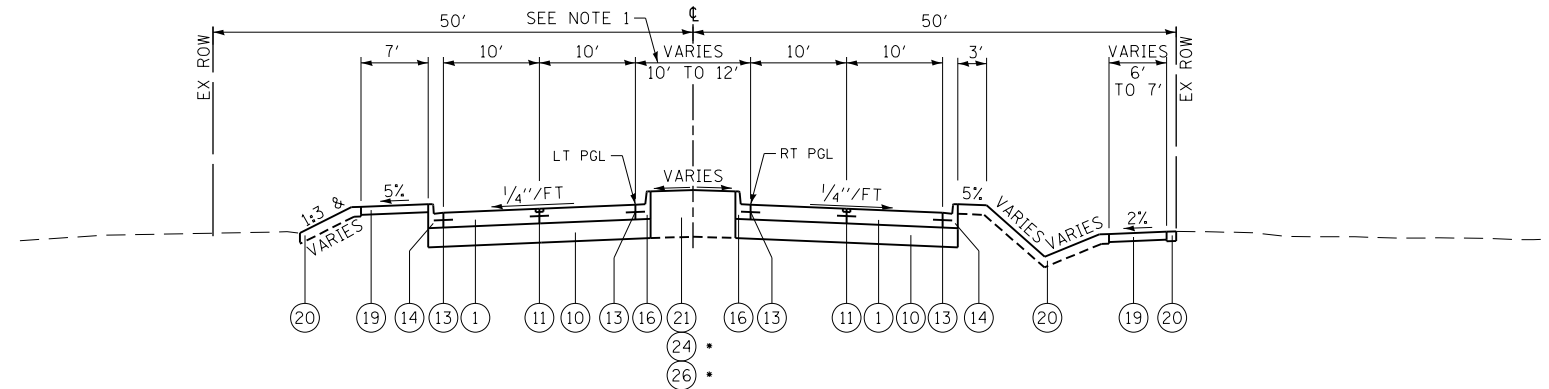
- EXISTING**
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
 - (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
 - (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
 - (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
 - (F) STABILIZED BASE COURSE (8" AND VARIES)
 - (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
 - (H) AGGREGATE SUBGRADE (12")
 - (I) GRASS MEDIAN
 - (J) CONCRETE MEDIAN, TY SB-6.06
 - (K) CONCRETE MEDIAN, TY SB-6.12
 - (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
 - (N) BITUMINOUS SHOULDER
 - (O) AGGREGATE WEDGE SHOULDER, TY B
 - (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
 - (Q) MULTI-USE PATH
 - (R) MEDIAN BARRIER

- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
 - (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
 - (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 - (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
 - (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7/2"
 - (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
 - (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
 - (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
 - (9) NOT USED
 - (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
 - (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
 - (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
 - (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
 - (16) COMBINATION CONCRETE CURB & GUTTER, TY B-9.12 (MODIFIED)
 - (17) CONCRETE MEDIAN, TY SB-6.06
 - (18) CONCRETE MEDIAN, TY SB-9.12
 - (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
 - (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
 - (21) TOPSOIL FURNISH AND PLACE, 30" AND SODDING OR LANDSCAPING AS NOTED ON PLANS
 - (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
 - (23) BRICK SIDEWALK
 - (24) CONCRETE MEDIAN SURFACE, 4 INCH
 - (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
 - (26) AGGREGATE BASE COURSE, TYPE B

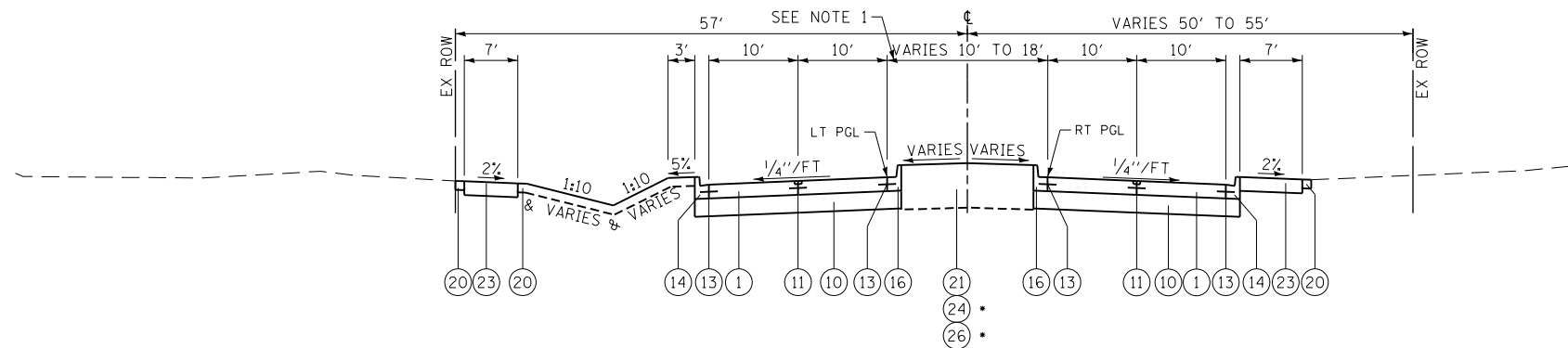
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PLOT SCALE = 20.000' / in.	CHECKED - RCB	REVISED -	305				(1920.01,1518,2022&1922.4)BR	COOK	919	27	
PLOT DATE = 11/28/2012	DATE - 10/31/2012	REVISED -	CONTRACT NO. 60T35								
							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
WILLOW ROAD
STATION 668+92.00 TO STATION 706+07.00
SEE SHEET NO 91 TO 93
FOR SUPERELEVATION DETAILS



PROPOSED TYPICAL SECTION
WILLOW ROAD
STATION 706+07.00 TO STATION 715+45.00
• STATION 706+98.00 TO STATION 715+45.00



PROPOSED TYPICAL SECTION
WILLOW ROAD
STATION 715+45.00 TO STATION 720+56.00
• STATION 715+45.00 TO STATION 718+07.23

NOTE: SEE SHEET NO. 460 FOR BRIDGE TYPICAL SECTION FROM STATION 714+45.19 TO STATION 715+29.69

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
- (F) STABILIZED BASE COURSE (8" AND VARIES)
- (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
- (J) CONCRETE MEDIAN, TY SB-6.06
- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
- (O) AGGREGATE WEDGE SHOULDER, TY B
- (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7 1/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
- (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
- (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (9) NOT USED
- (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
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- (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
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- (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (21) TOPSOIL FURNISH AND PLACE, 30" AND SODDING OR LANDSCAPING AS NOTED ON PLANS
- (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- (23) BRICK SIDEWALK
- (24) CONCRETE MEDIAN SURFACE, 4 INCH
- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

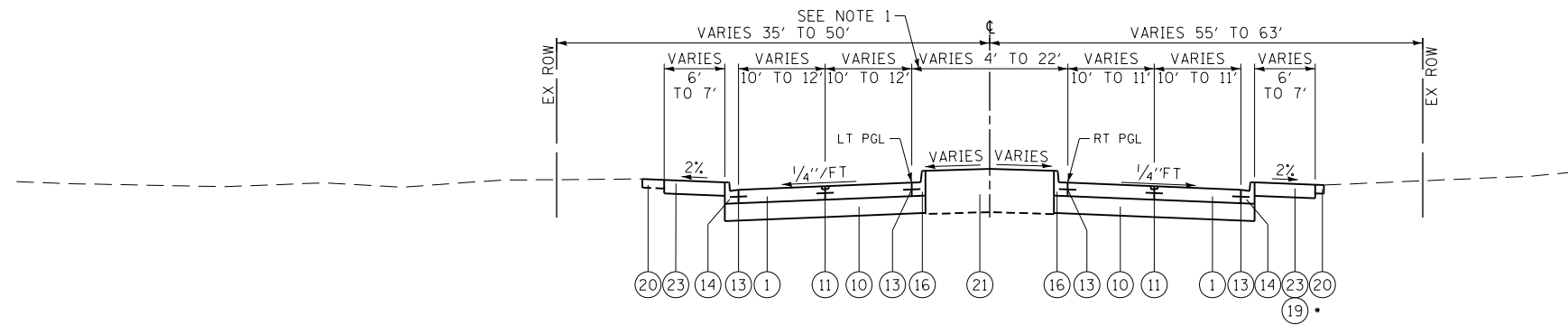
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PLOT SCALE = 20.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

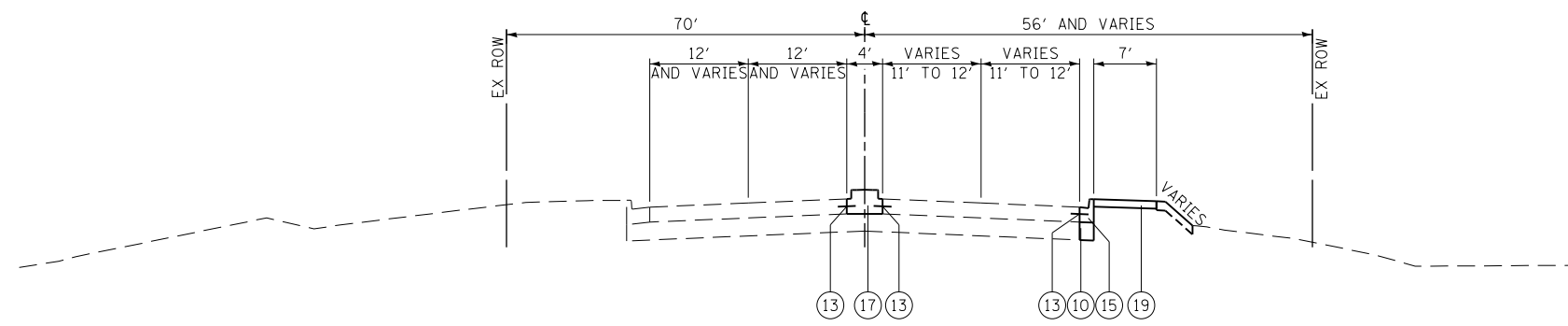
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 28 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

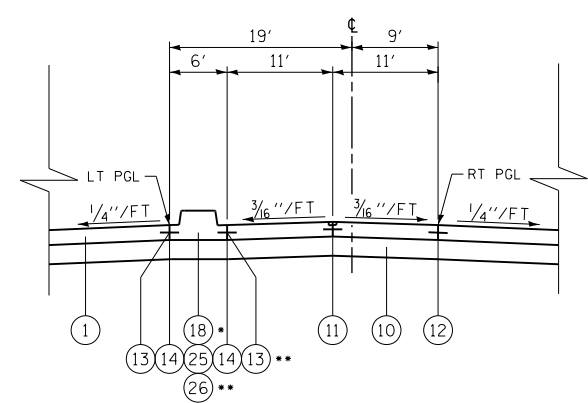


PROPOSED TYPICAL SECTION
WILLOW ROAD
STATION 720+56.00 TO STATION 726+76.26
STATION 726+52.56 TO STATION 729+22.08

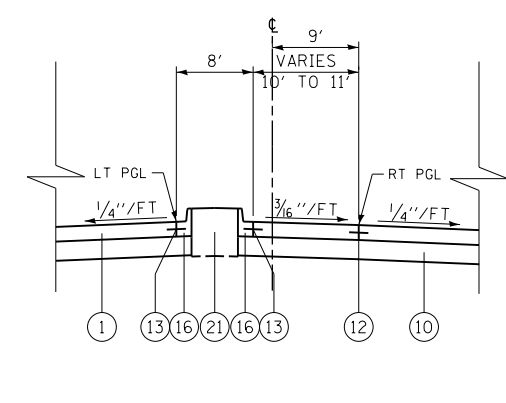


PROPOSED TYPICAL SECTION
WILLOW ROAD
STATION 726+76.26 TO STATION 737+38.97

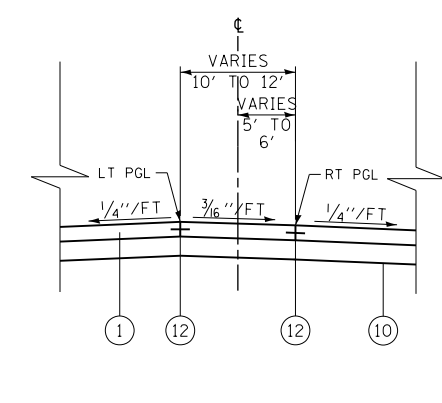
NOTE: SEE SHEET NO. 492 FOR BRIDGE TYPICAL SECTION FROM STATION 730+12.38 TO STATION 733+28.93



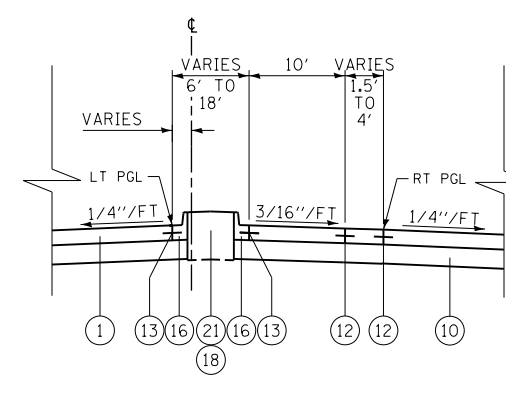
PROPOSED DUAL LEFT TURN LANE DETAIL
WILLOW ROAD
EASTBOUND
STATION 633+76.00 TO STATION 640+52.49
WESTBOUND
STATION 642+38.60 TO STATION 647+40.00



PROPOSED SINGLE LEFT TURN LANE
RAISED MEDIAN DETAIL
WILLOW ROAD
EASTBOUND
STATION 649+25.00 TO STATION 652+45.00
STATION 658+95.00 TO STATION 664+71.00
STATION 692+98.00 TO STATION 696+24.00



PROPOSED SINGLE LEFT TURN LANE
FLUSH MEDIAN DETAIL
WILLOW ROAD
EASTBOUND
STATION 688+40.00 TO STATION 691+91.00
STATION 706+98.00 TO STATION 711+88.50
WESTBOUND
STATION 669+53.35 TO STATION 673+00.00
STATION 678+94.00 TO STATION 682+57.00
STATION 711+88.50 TO STATION 714+06.00



PROPOSED SINGLE OFFSET LEFT TURN LANE
RAISED MEDIAN DETAIL
WILLOW ROAD
EASTBOUND
STATION 715+45.00 TO STATION 718+12.36
STATION 720+56.00 TO STATION 722+77.31
WESTBOUND
STATION 719+03.60 TO STATION 720+71.00
STATION 723+72.22 TO STATION 725+60.00

- EXISTING**
- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
 - (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
 - (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
 - (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
 - (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
 - (F) STABILIZED BASE COURSE (8" AND VARIES)
 - (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
 - (H) AGGREGATE SUBGRADE (12")
 - (I) GRASS MEDIAN
 - (J) CONCRETE MEDIAN, TY SB-6.06
 - (K) CONCRETE MEDIAN, TY SB-6.12
 - (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
 - (N) BITUMINOUS SHOULDER
 - (O) AGGREGATE WEDGE SHOULDER, TY B
 - (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
 - (Q) MULTI-USE PATH
 - (R) MEDIAN BARRIER

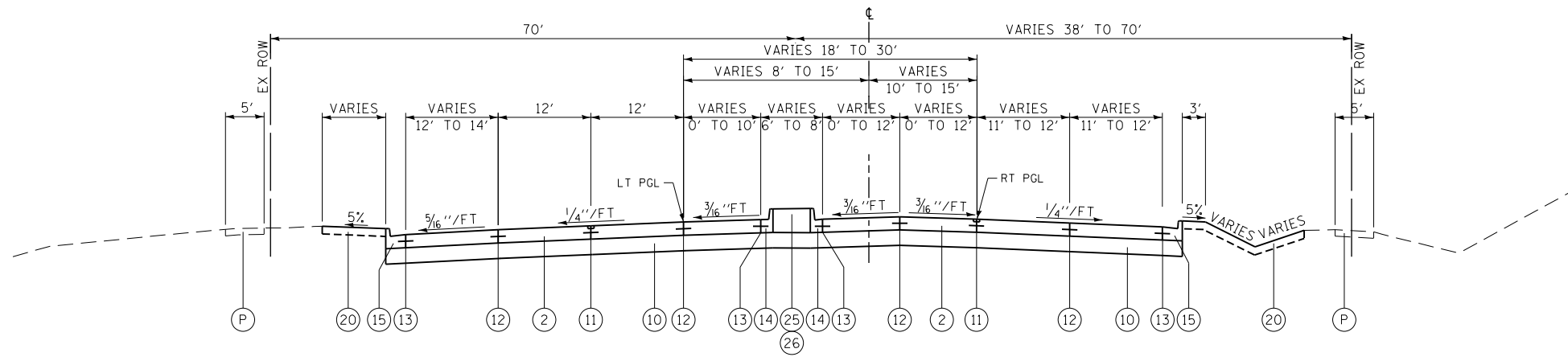
- PROPOSED**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
 - (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
 - (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
 - (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
 - (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7 1/2"
 - (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
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 - (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
 - (9) NOT USED
 - (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
 - (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
 - (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
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 - (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
 - (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
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 - (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
 - (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
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 - (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
 - (23) BRICK SIDEWALK
 - (24) CONCRETE MEDIAN SURFACE, 4 INCH
 - (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
 - (26) AGGREGATE BASE COURSE, TYPE B

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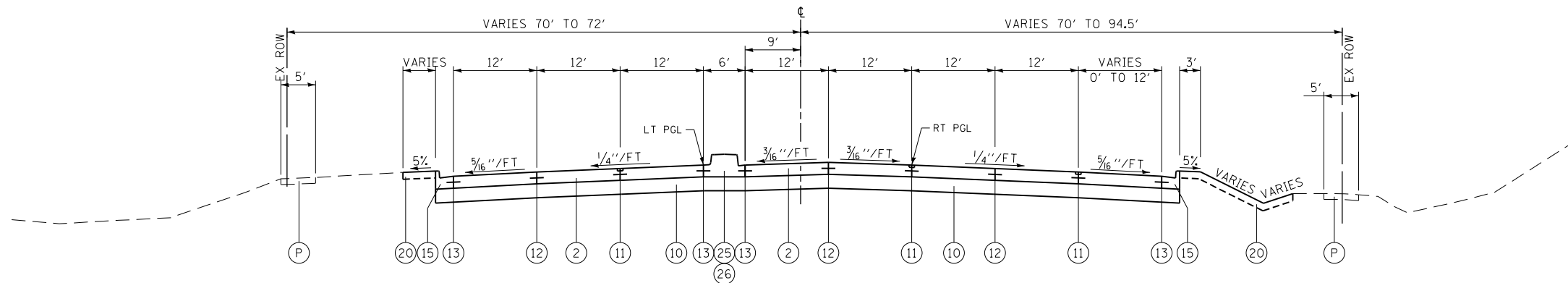
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: N.T.S.	SHEET NO. 29 OF 919 SHEETS

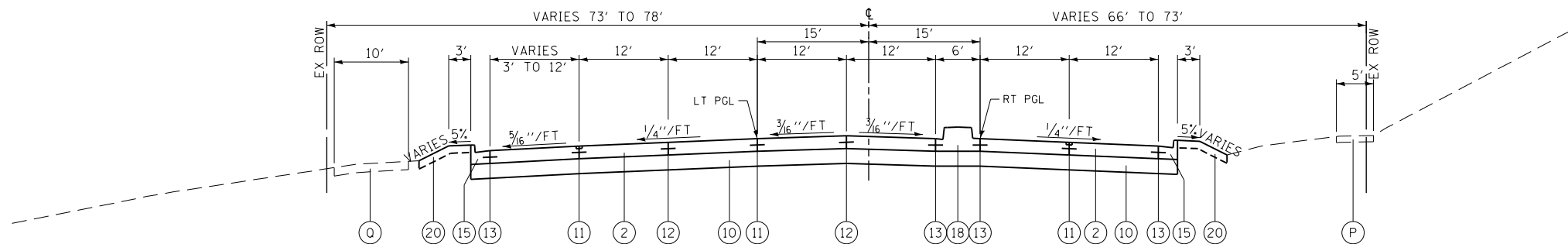
F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	29
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 43
STATION 503+87.75 TO STATION 511+08.00



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 43
STATION 511+08.00 TO STATION 516+00.00



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 43
STATION 516+00.00 TO STATION 520+94.00
SEE SHEET 91 TO 93
FOR SUPERELEVATION DETAILS

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
- (F) STABILIZED BASE COURSE (8" AND VARIES)
- (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
- (J) CONCRETE MEDIAN, TY SB-6.06
- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
- (O) AGGREGATE WEDGE SHOULDER, TY B
- (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
- (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
- (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (9) NOT USED
- (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
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- (17) CONCRETE MEDIAN, TY SB-6.06
- (18) CONCRETE MEDIAN, TY SB-9.12
- (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (21) TOPSOIL FURNISH AND PLACE, 30" AND SODDING OR LANDSCAPING AS NOTED ON PLANS
- (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- (23) BRICK SIDEWALK
- (24) CONCRETE MEDIAN SURFACE, 4 INCH
- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

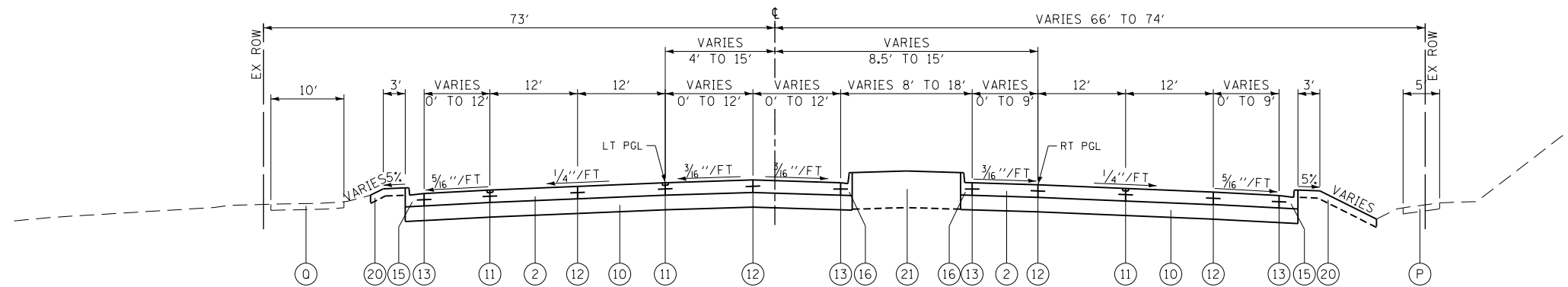
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PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

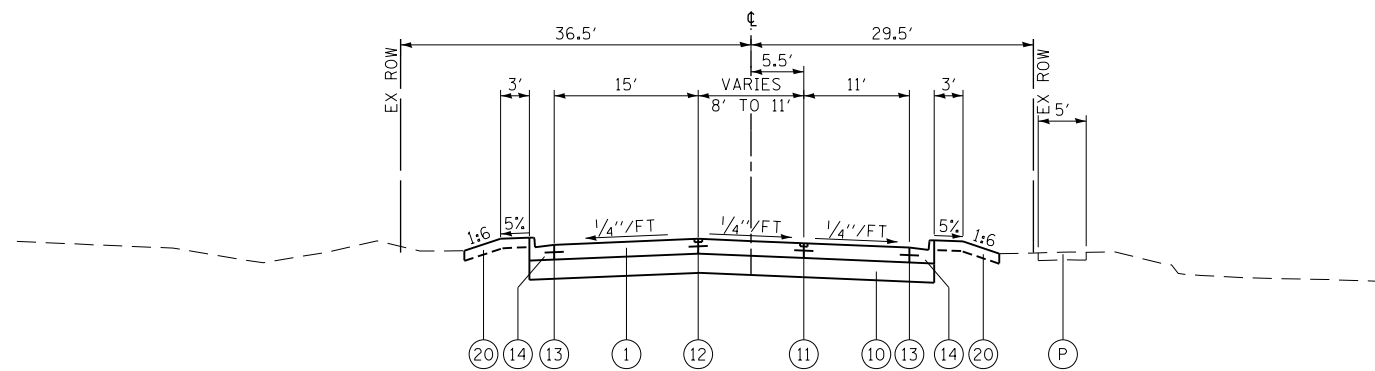
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 30 OF 919 SHEETS

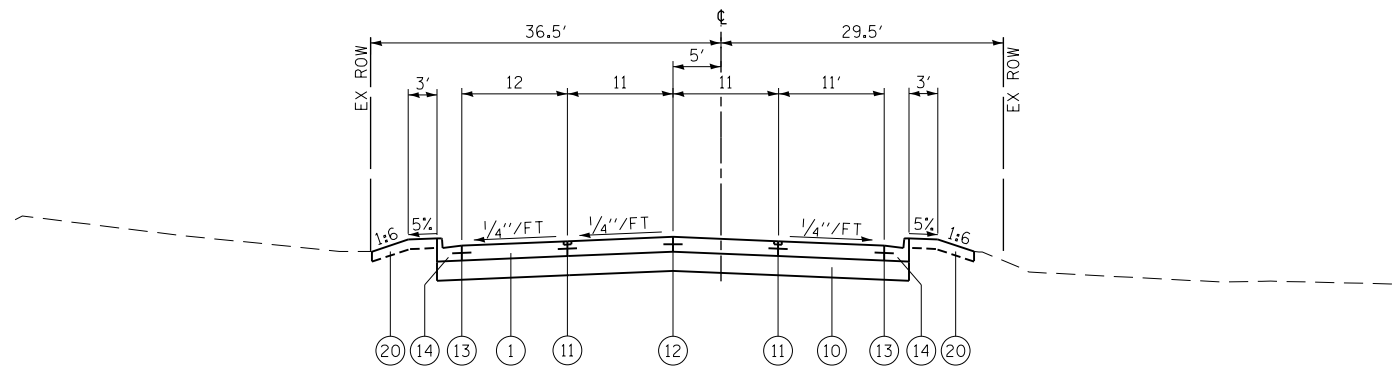
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BR	COOK	919	30
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 43
STATION 520+94.00 TO STATION 527+28.72
SEE SHEET 91 TO 93
FOR SUPERELEVATION DETAILS



PROPOSED TYPICAL SECTION
SUNSET RIDGE ROAD (SOUTH OF WILLOW)
STATION 34+05.00 TO STATION 35+71.13



PROPOSED TYPICAL SECTION
SUNSET RIDGE ROAD (NORTH OF WILLOW)
STATION 36+29.14 TO STATION 37+40.00

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
- (F) STABILIZED BASE COURSE (8" AND VARIES)
- (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
- (J) CONCRETE MEDIAN, TY SB-6.06
- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
- (O) AGGREGATE WEDGE SHOULDER, TY B
- (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
- (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
- (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (9) NOT USED
- (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
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- (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
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- (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
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- (23) BRICK SIDEWALK
- (24) CONCRETE MEDIAN SURFACE, 4 INCH
- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

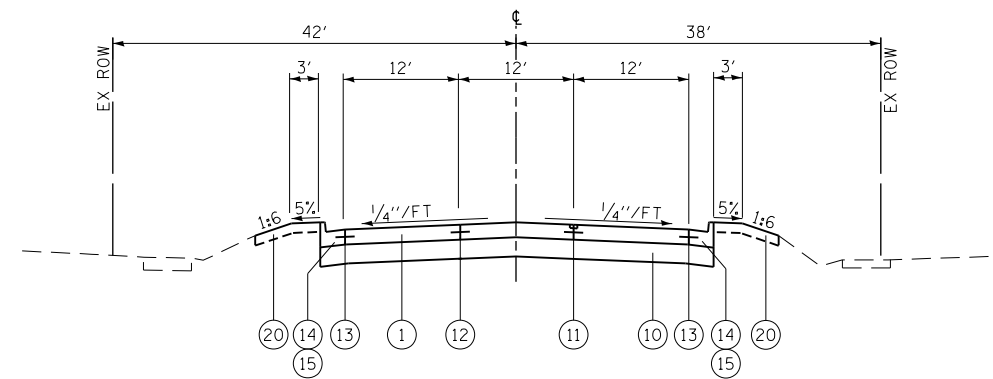
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

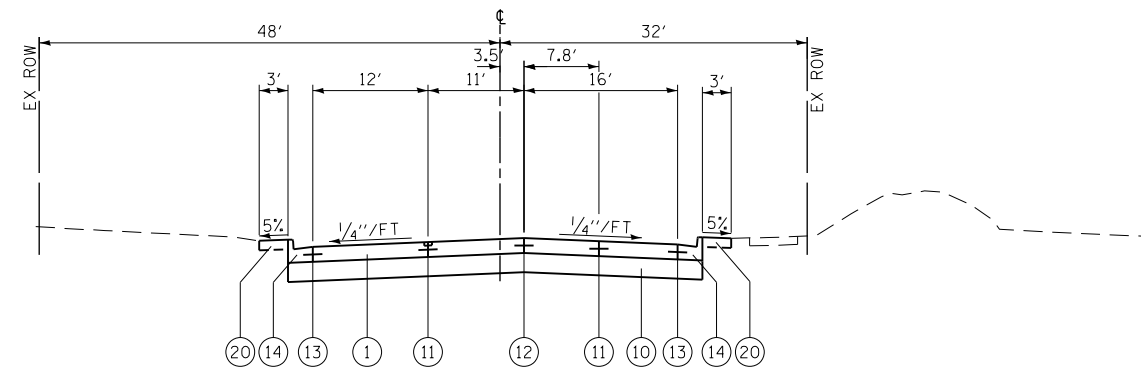
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 31 OF 919 SHEETS

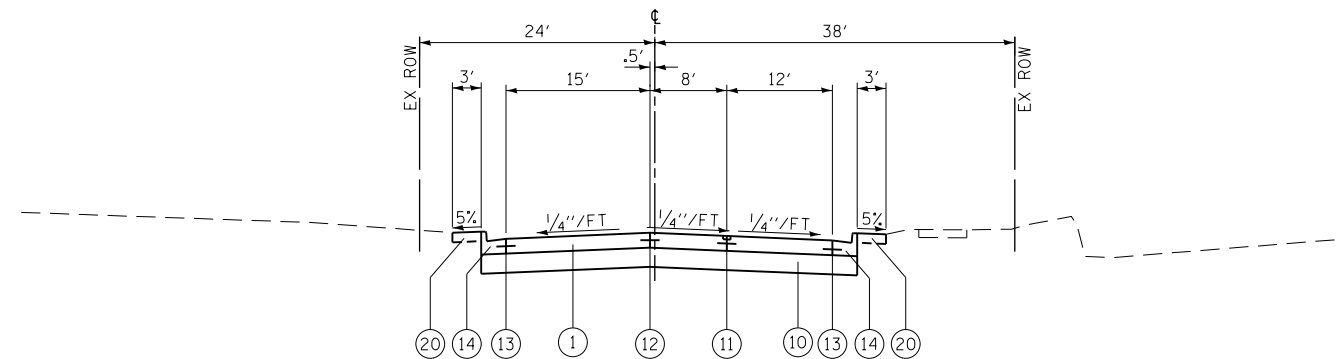
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	31
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



PROPOSED TYPICAL SECTION
WAGNER ROAD
STATION 84+75.00 TO STATION 87+20.00



PROPOSED TYPICAL SECTION
OLD WILLOW ROAD NORTH
STATION 160+23.80 TO STATION 160+84.00



PROPOSED TYPICAL SECTION
NORTHFIELD ROAD
STATION 175+08.00 TO STATION 175+63.51

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
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- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
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- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
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- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
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- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7 1/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
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- (23) BRICK SIDEWALK
- (24) CONCRETE MEDIAN SURFACE, 4 INCH
- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

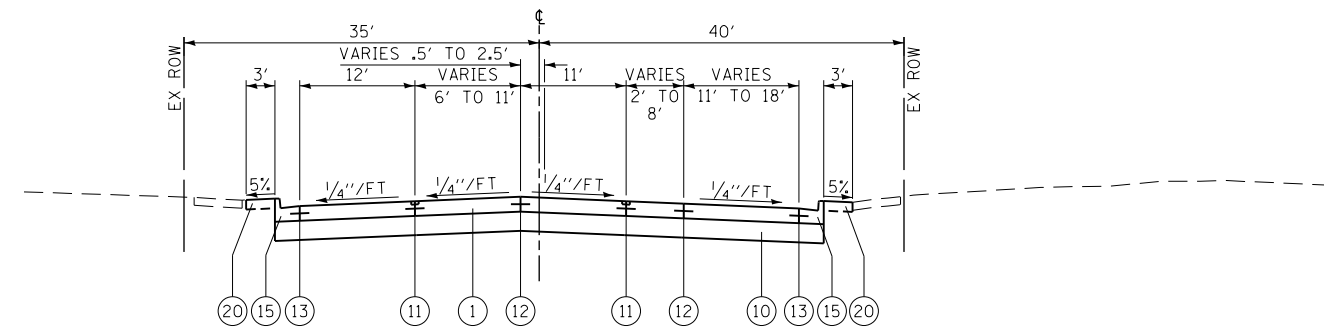
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		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

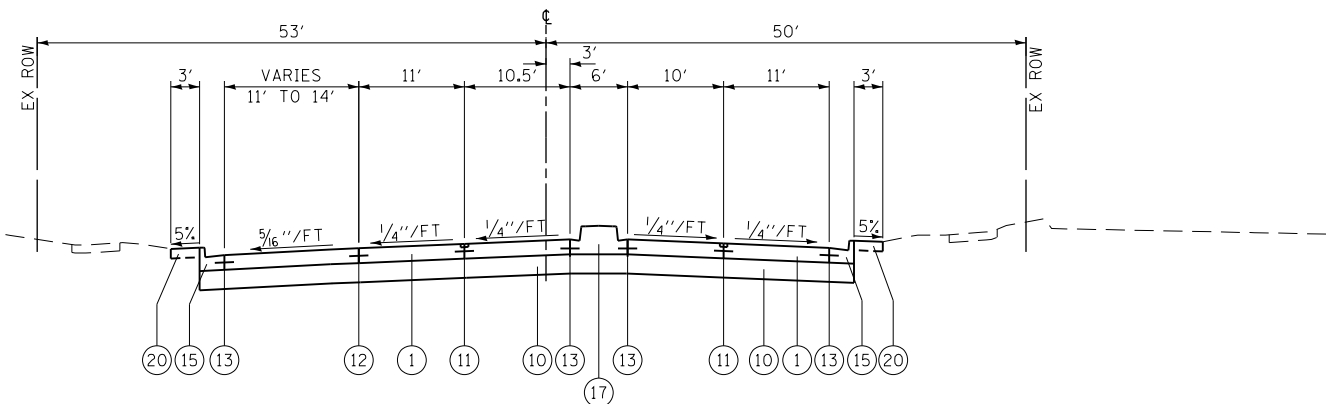
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 32 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	32
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



PROPOSED TYPICAL SECTION
HAPP ROAD
STATION 182+46.09 TO STATION 183+48.14



PROPOSED TYPICAL SECTION
CENTRAL AVENUE
STATION 190+22.06 TO STATION 191+10.00

STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC: YEAR 2020
PV = 37,908 SU = 1,633 MU = 279

ROAD/STREET CLASSIFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 95.2% S = 4.1% M = 0.7%

TRAFFIC FACTOR: ACTUAL TF = 3.90 MINIMUM TF = 5.02

EDGE SUPPORT CONDITION: TIED CURB & GUTTER

SUBGRADE SUPPORT RATING: POOR

NOTES:

- AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE AND AT LOCATIONS OF BURIED TOPSOIL. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS TO BE PLACED BELOW THE AGGREGATE SUBGRADE IMPROVEMENT IN THE UNSUITABLE OR UNSTABLE SOILS LOCATIONS. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR. ALL POTENTIALLY UNSUITABLE OR UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL (SSM). ANY AGGREGATE SUBGRADE IMPROVEMENT MATERIAL NOT NEEDED FOR REMOVAL AND REPLACEMENT OF UNSUITABLE OR UNSTABLE MATERIAL AT THE TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT.
- 4" TRANSVERSE PIPE UNDERDRAINS SHALL BE INSTALLED EVERY 300' AND AT ALL LOW POINTS IN THE PROFILE. LONGITUDINAL PIPE UNDERDRAINS SHALL ALSO BE INSTALLED ALONG THE INTERSTATE 94 AUXILIARY LANES. THE UNDERDRAINS SHALL BE INSTALLED IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS AND CHECK SHEET 19 OF THE IDOT RECURRING SPECIAL PROVISIONS.

AGGREGATE SUBGRADE IMPROVEMENT

STATION RANGE	LOCATION	LENGTH	WIDTH	DEPTH	VOLUME
WILLOW ROAD					
687+50 TO 690+50	ROADWAY	300 FT	VARIES	3 FT	1776 CY
ILLINOIS ROUTE 43					
517+00 TO 519+00	ROADWAY	200 FT	VARIES	2.5 FT	1814 CY
					TOTAL 3590 CY

AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

STATION RANGE	LOCATION	LENGTH	WIDTH	DEPTH	AGG SUBGRADE IMP VOLUME	GEOTECH FAB AREA
WILLOW ROAD						
643+00 TO 645+00	ROADWAY	200 FT	VARIES	3 FT	1956 CY	1956 SY
658+50 TO 660+50	ROADWAY	200 FT	VARIES	1 FT	376 CY	1127 SY
ILLINOIS ROUTE 43						
513+00 TO 515+00	ROADWAY	200 FT	VARIES	3 FT	2382 CY	2382 SY
					TOTALS 4714 CY	5465 SY

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
- (F) STABILIZED BASE COURSE (8" AND VARIES)
- (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
- (J) CONCRETE MEDIAN, TY SB-6.06
- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
- (O) AGGREGATE WEDGE SHOULDER, TY B
- (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
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- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
- (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
- (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (9) NOT USED
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- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

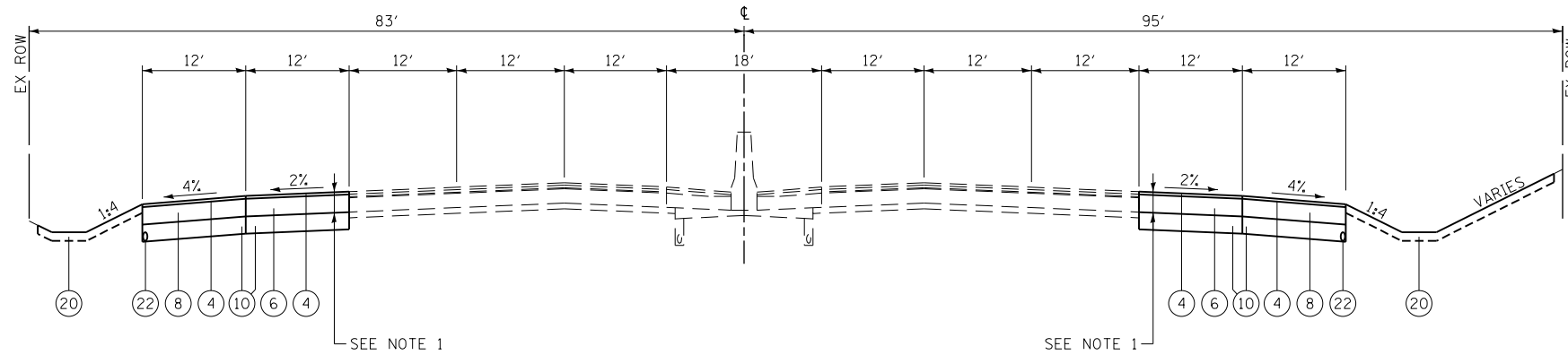
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PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 33 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	33
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



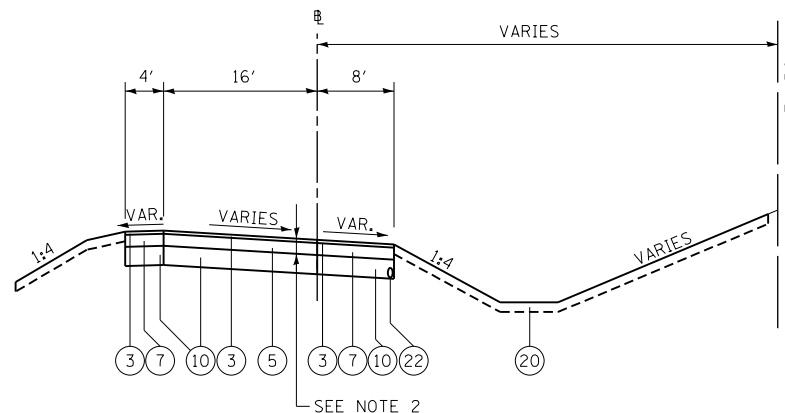
PROPOSED TYPICAL SECTION

INTERSTATE 94
 STATION 420+27.00 TO STATION 437+39.26
 • WB AUXILIARY LANE RECONSTRUCTION LIMITS FROM STATION 850+00.00 TO STATION 863+43.12
 VARIES 1' AT STATION 850+00.00 TO 12' AT STATION 852+75.22
 • EB AUXILIARY LANE RECONSTRUCTION LIMITS FROM STATION 810+77.35 TO STATION 822+63.79
 VARIES 12' AT STATION 817+13.68 TO 1' AT STATION 822+63.79

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

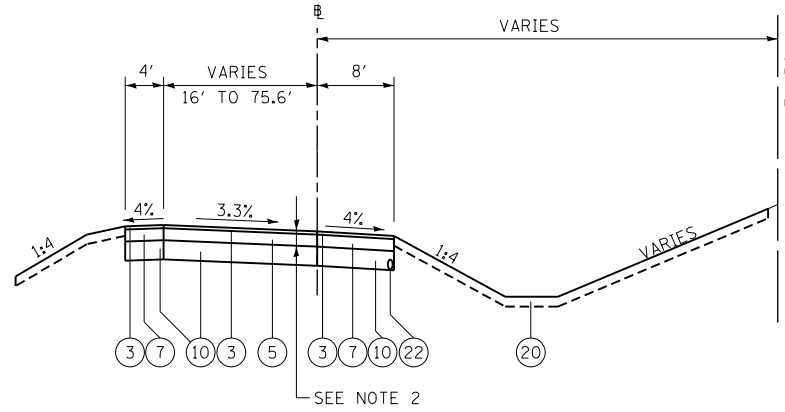
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
SUNSET RIDGE RD (SOUTH LEG), OLD WILLOW RD, SOMERSET LN, CHAPEL HILL LN, WAGNER RD, EATON ST, DICKENS ST, CHURCHILL ST, NORTH BRISTOL ST, BRISTOL ST, ALICE PLACE, NORTHFIELD RD, WALNUT ST	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 1 1/2"	4% @ 50 GYRATIONS
SUNSET RIDGE RD (NORTH LEG), HAPP RD	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) 1 1/2"	4% @ 70 GYRATIONS
WILLOW RD, IL RTE 43	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm) 1 3/4"	4% @ 90 GYRATIONS
FULL DEPTH PAVEMENT	
INTERSTATE 94 AUXILIARY LANES	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm) 2"	4% @ 90 GYRATIONS
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 12 1/4" (IN 5 LIFTS)	4% @ 90 GYRATIONS
INTERSTATE 94 RAMP D	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) 2"	4% @ 70 GYRATIONS
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 7 1/2" (IN 3 LIFTS)	4% @ 70 GYRATIONS
SHOULDER RECONSTRUCTION	
INTERSTATE 94 AUXILIARY LANES	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm) 2"	4% @ 90 GYRATIONS
HMA SHOULDER (HMA BINDER IL-19 mm) 12 1/4" (IN 5 LIFTS)	4% @ 70 GYRATIONS
INTERSTATE 94 RAMP D	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) 2"	4% @ 70 GYRATIONS
HMA SHOULDER (HMA BINDER IL-19 mm) 7 1/2" (IN 3 LIFTS)	4% @ 70 GYRATIONS
OLD WILLOW ROAD	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 2"	4% @ 50 GYRATIONS
HMA SHOULDER (HMA BINDER IL-19 mm) 6" (IN 2 LIFTS)	4% @ 50 GYRATIONS
GUARDRAIL AND CURB AND GUTTER TRANSITION TO SHOULDER LOCATIONS	
HMA SHOULDER (HMA BINDER IL-19 mm) 6" (IN 2 LIFTS)	4% @ 50 GYRATIONS
TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)	
TEMP PAVEMENT (HMA BINDER IL-19 mm) 8" (IN 3 LIFTS)	4% @ 50 GYRATIONS
DRIVEWAY	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 2"	4% @ 50 GYRATIONS
HMA BASE COURSE (HMA BINDER IL-19 mm) PE - 6", CE - 8"	4% @ 50 GYRATIONS
BIKEWAY (MULTI-USE PATH)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) 3"	4% @ 50 GYRATIONS
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYRATIONS
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYRATIONS

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SOYD/IN.
 PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
 THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION

INTERSTATE 94 RAMP D
 STATION 871+65.12 TO STATION 872+80.41
 NOTE: TRANSITION RAMP D SUPERELEVATION FROM 6.0% TO 3.3% UNIFORMLY OVER THE STATION RANGE LISTED. MAX ROLLOVER FOR LEFT RAMP SHOULDER SHALL NOT EXCEED 8%.



PROPOSED TYPICAL SECTION

INTERSTATE 94 RAMP D
 STATION 872+80.41 TO STATION 873+27.01

- NOTES:
- INTERSTATE 94 AUXILIARY LANE PAVEMENT TO BE PAID AS ITEM NUMBER 40701966, HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14-1 1/4", PAID IN SQUARE YARDS.
 - INTERSTATE 94 RAMP D PAVEMENT TO BE PAID AS ITEM NUMBER 40701871, HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9-1 1/2", PAID IN SQUARE YARDS.

EXISTING

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE
- (B) PORTLAND CEMENT CONCRETE PAVMENT (8 1/4" AND VARIES)
- (C) PORTLAND CEMENT CONCRETE PAVEMENT (9" AND VARIES)
- (D) PORTLAND CEMENT CONCRETE PAVEMENT (10" AND VARIES)
- (E) PORTLAND CEMENT CONCRETE PAVEMENT (12 1/4" AND VARIES)
- (F) STABILIZED BASE COURSE (8" AND VARIES)
- (G) SUB-BASE GRANULAR MATERIAL (4" AND VARIES)
- (H) AGGREGATE SUBGRADE (12")
- (I) GRASS MEDIAN
- (J) CONCRETE MEDIAN, TY SB-6.06
- (K) CONCRETE MEDIAN, TY SB-6.12
- (L) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (M) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (N) BITUMINOUS SHOULDER
- (O) AGGREGATE WEDGE SHOULDER, TY B
- (P) PORTLAND CEMENT CONCRETE SIDEWALK (5")
- (Q) MULTI-USE PATH
- (R) MEDIAN BARRIER

PROPOSED

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (4) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 2"
- (5) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 7 1/2"
- (6) HOT-MIX ASPHALT BINDER COURSE, IL-19, N90 12 1/4"
- (7) HOT-MIX ASPHALT SHOULDERS, 7 1/2"
- (8) HOT-MIX ASPHALT SHOULDERS, 12 1/4"
- (9) NOT USED
- (10) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (11) LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (12) LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF PCC PAVEMENT)
- (13) NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN THE COST OF COMBINATION CURB & GUTTER OR CONCRETE MEDIAN)
- (14) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (15) COMBINATION CONCRETE CURB & GUTTER, TY B-6.24
- (16) COMBINATION CONCRETE CURB & GUTTER, TY B-9.12 (MODIFIED)
- (17) CONCRETE MEDIAN, TY SB-6.06
- (18) CONCRETE MEDIAN, TY SB-9.12
- (19) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (20) TOPSOIL FURNISH AND PLACE 6" AND SODDING OR SEEDING AS NOTED ON PLANS
- (21) TOPSOIL FURNISH AND PLACE, 30" AND SODDING OR LANDSCAPING AS NOTED ON PLANS
- (22) PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- (23) BRICK SIDEWALK
- (24) CONCRETE MEDIAN SURFACE, 4 INCH
- (25) STAMPED COLORED CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
- (26) AGGREGATE BASE COURSE, TYPE B

FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\160T35-SHT-TYPICAL.dgn		DRAWN - MNB	REVISED -
		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 34 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	34
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCHEDULE OF EARTHWORK																																																								
LOCATION	20201200									20200100					EARTH EXCAVATION					EARTH EXCAVATION AVAILABLE FOR EMBANKMENT (1)					EMBANKMENT					EARTHWORK BALANCE					20400800	66900200																				
	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL									EARTH EXCAVATION					(ADJ 15% FOR SHRINKAGE)					(ADJ 25% FOR MATL NOT SUITABLE FOR EMBANKMENT)					EMBERSMENT					EXCESS (+) OR SHORTAGE (-)					FURNISHED EX	NON-SPECIAL WASTE																				
	CU YD									CU YD					CU YD					CU YD					CU YD					CU YD					CU YD	DISPOSAL (2)																				
	PRE-STG 1	STG 1	PRE-STG 2	STG 2	STG 3	STG 1	STG 2	STG 3	PRE-STG 1	STG 1	PRE-STG 2	STG 2	STG 3	PRE-STG 1	STG 1	PRE-STG 2	STG 2	STG 3	PRE-STG 1	STG 1	PRE-STG 2	STG 2	STG 3	PRE-STG 1	STG 1	PRE-STG 2	STG 2	STG 3	PRE-STG 1	STG 1	PRE-STG 2	STG 2	STG 3	PRE-STG 1	STG 1	PRE-STG 2	STG 2	STG 3																		
WILLOW ROAD	2336	6350	152	3914	0	2141	1705	223	2221	7675	266	9073	4282	1888	6524	226	7712	3640	1416	4893	170	5784	2730	1754	7091	207	3750	59	-338	-2198	-37	2034	2671																							
ILLINOIS ROUTE 43	169	2104	0	406	0	1598	1795	736	140	1867	19	1761	1182	119	1587	16	1497	1005	89	1190	12	1123	754	57	1417	17	454	7	32	-227	-5	669	747																							
THREE LAKES DRIVE										285					242					182																																				
FOX MEADOW DRIVE											64					54																																								
SUNSET RIDGE ROAD		19		20						123		214			105													19		8																										
OLD WILLOW ROAD - WEST / SOMERSET LN										120					102																																									
WAGNER ROAD		9		15						77		86			65		73																																							
OLD WILLOW ROAD - NORTH										86					73																																									
NORTHFIELD ROAD											49					42																																								
CENTRAL AVENUE										212					180																																									
HAPP ROAD												126																																												
INTERSTATE 94				1527								2659																																												
INTERSTATE 94 RAMP D				133								371																																												
INTERSTATE 94 RAMP D DETENTION GRADING				149								192																																												
MULTI-USE PATH		288								0					0													235																												
SUBTOTAL BY STAGE (3)	2505	8770	152	6164	0	3739	3500	959	2361	10445	285	14595	5464	2007	8878	242	12406	4644	1505	6659	182	9304	3483	1811	8901	224	4826	66	-306	-2242	-42	4478	3417				2590	18900																		
TOTAL	25789									33150					28178					21133					15828					5305					2590	18900																				
NON-SPECIAL WASTE (+)										7560																																														
ADJUSTMENT (4,5,6) (-)	-5670									-1890					-9639					-7229					-617					-1482					-59					-3850					-1221					2158						
ADJUSTED TOTAL	18229									40710					18539					13904					15828					-923					-3724					-101					628					2196					4748	18900

1. 25% OF THE EXCAVATION AFTER SHRINKAGE WAS ASSUMED TO BE NOT SUITABLE FOR EMBANKMENT (ORGANIC CONTENT, ETC.).
2. SEE SPECIAL PROVISIONS REGARDING LOCATIONS OF NON-SPECIAL WASTE AND REQUIREMENTS FOR PROPER HANDLING AND DISPOSAL.
3. END AREAS SHOWN ON CROSS SECTIONS ARE NOT INTENDED TO DELINEATE AREAS OF NON-SPECIAL WASTE. ACTUAL VOLUMES SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. ESTIMATED QUANTITY ADJUSTMENTS HAVE BEEN APPLIED AFTER STANDARD EARTHWORK COMPUTATIONS.
4. FOR THE PURPOSES OF THIS SCHEDULE IT HAS BEEN ASSUMED THAT, OF THE ESTIMATED TOTAL VOLUME OF NON-SPECIAL WASTE, 30% IS TOPSOIL, 10% IS UNDERCUT, AND 60% IS EARTH EXCAVATION.
5. CONTAMINATED TOPSOIL AND UNDERCUT SHALL BE PAID FOR AS EARTH EXCAVATION AND NON-SPECIAL WASTE DISPOSAL. QUANTITIES FOR REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (-) AND EARTH EXCAVATION (+) HAVE BEEN ADJUSTED ACCORDINGLY.
6. QUANTITIES FOR EARTH EXCAVATION AVAILABLE FOR EMBANKMENT (-) HAVE BEEN ADJUSTED TO EXCLUDE ESTIMATED VOLUME OF CONTAMINATED EARTH EXCAVATION REQUIRING DISPOSAL AS NON-SPECIAL WASTE.

SCHEDULE OF PCC PAVEMENT													
FROM	TO	PCC PVMT LENGTH (FT)	WIDTH OF LANES (FT)	AREA OF LANES (SQ FT)	AREA OF TURN BAYS (SQ FT)	ADDITIONAL AREA (SQ FT)	30300112 AGG SUBGRADE IMPR 12 (SQ YD)	42000406 PCC PVT 9 1/4 JOINTD (SQ YD)	HES PCC PVT 9 1/4 JOINTD (SQ YD)	42000506 PCC PVT 10 1/4 JOINTD (SQ YD)	HES PCC PVT 10 1/4 JOINTD (SQ YD)	42001300 PROTECTIV E COAT (SQ YD)	44000100 PAVEMENT REM (SQ YD)
WILLOW ROAD													
625+00	637+00	542	VARIES 44-48	24,226	13,411		4,849	4,182				1,045	4,444
637+00	649+00	1,095	VARIES 44-48	70,435	32,459	16,044	14,727	8,901		4,314		3,304	12,490
649+00	661+00	1,200	VARIES 40-44	50,777	8,993	13,883	9,283	8,104				2,026	9,845
661+00	672+00	1,100	VARIES 40-42	44,513	8,852	18,847	9,101	8,024				2,006	6,633
672+00	683+00	1,100	42	46,200	774	7,973	6,927	6,105				1,526	3,955
683+00	693+00	1,000	42	42,000	400	4,260	5,885	5,184				1,296	3,153
693+00	704+00	1,100	VARIES 40-42	44,743	4,883	12,395	7,960	6,891				1,723	5,726
704+00	716+00	1,056	40	42,220	4,317	5,120	6,441	5,740				1,435	4,315
716+00	728+00	1,200	VARIES 40-48	43,908	6,680	24,275	6,441	8,318				2,080	9,383
728+00	740+00	1,076					158						606
ILLINOIS ROUTE 43													
493+00	505+00						40						
505+00	518+00	592	60	35,560	14,765		6,572			5,592		1,398	5,073
518+00	530+50	745	48	35,747	14,002	1,839	6,654			5,732		1,433	6,053
SUBTOTAL							88,116	61,449		15,638		19,272	71,676
HIGH EARLY STRENGTH (ASSUME 10%)								-6,145	6,145		-1,564	1,564	
OVERALL TOTAL							88,116	55,304	6,145	14,074	1,564	19,272	71,676

NOTE 1 AGGREGATE SUBGRADE QUANTITY INCLUDES AREA FOR CURB AND GUTTER LOCATIONS OUTSIDE THE PAVEMENT RECONSTRUCTION AREA.
NOTE 2 AGGREGATE SUBGRADE QUANTITIES INCLUDE AREA UNDER THE CURB AND GUTTER AND MEDIAN AS SHOWN ON THE TYPICALS.
NOTE 3 PROTECTIVE COAT QUANTITY INCLUDES 25% OF PCC PAVEMENT AREA. PROTECTIVE COAT FOR CURB AND GUTTER AND MEDIAN IS INCLUDED IN THE CURB AND GUTTER SCHEDULE.
* SEE OTHER SCHEDULES FOR ADDITIONAL QUANTITY

SCHEDULE OF HMA PAVEMENT - BUTT JOINTS AND RESURFACING															
FROM	TO	REQUIRED FOR HMA SC "D" N50			REQUIRED FOR HMA SC "D" N70			REQUIRED FOR HMA SC "F" N90			40600100 P HMA SC "F" N90 (TON)	40600982 HMA SURF REM BUTT JT (SQ YD)	44000155 HMA SURF REM 11/2 (SQ YD)	44000156 HMA SURF REM 13/4 (SQ YD)	
		APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	40600100 BIT MATLS PR CT (TON)	40603335 HMA SC "D" N50 (TON)	APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	40600100 BIT MATLS PR CT (TON)	40603340 HMA SC "D" N70 (TON)	APP RATE HMA SURFACE (GALLON/SQ YD)					NO APPS HMA SURFACE
WILLOW ROAD															
625+00	637+00									0.10	1	0.1	12	240	
637+00	649+00														
649+00	661+00														
661+00	672+00	0.10	1	0.04	5	0.10	1	0.1	7				284		
672+00	683+00	0.10	1	0.03	3								68		
683+00	693+00	0.10	1	0.01	2								37		
693+00	704+00	0.10	1	0.12	13								309		
704+00	716+00	0.10	1	0.05	5								127		
716+00	728+00	0.10	1	0.16	24	0.10	1	0.1	16				583	184	
728+00	740+00														
ILLINOIS ROUTE 43															
493+00	505+00														
505+00	518+00									0.10	1	0.1	25	167	
518+00	530+50									0.10	1	0.1	14	285	
I-94															
413+00	435+00														
435+00	446+00														
I-94 RAMP A															
810+50	822+64														
I-94 RAMP D															
850+00	862+00														
862+00	872+56														
SUBTOTAL				0	52			0	23		0	51	2,100	184	204
OVERALL TOTAL				0	52			0	23		0	51	2,100	184	204

NOTE 1 AGGREGATE SUBGRADE QUANTITY INCLUDES AREA FOR CURB AND GUTTER LOCATIONS OUTSIDE THE PAVEMENT RECONSTRUCTION AREA.
NOTE 2 AGGREGATE SUBGRADE QUANTITIES INCLUDE AREA UNDER THE CURB AND GUTTER AND MEDIAN AS SHOWN ON THE TYPICALS.
NOTE 3 PROTECTIVE COAT QUANTITY INCLUDES 25% OF PCC PAVEMENT AREA. PROTECTIVE COAT FOR CURB AND GUTTER AND MEDIAN IS INCLUDED IN THE CURB AND GUTTER SCHEDULE.
* SEE OTHER SCHEDULES FOR ADDITIONAL QUANTITY

FILE NAME = G:\CH11\0158\Road\Sheets\0160T35-SHT-SCHE.D.dgn	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	305			(1920.01,1518,2022&1922.4)BR	COOK	919	36	
PLOT DATE = 11/30/2012	DATE - 10/31/2012	REVISED -	CONTRACT NO. 60T35							
SCALE: N.T.S. SHEET NO. 36 OF 919 SHEETS						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCHEDULE OF HMA PAVEMENT - RECONSTRUCTION																							
FROM	TO	HMA PVMT LENGTH (FT)	WIDTH OF LANES (FT)	AREA OF LANES (SQ FT)	ADDITIONAL AREA (SQ FT)	30300112 AGG SUBGRADE (SQ YD)	REQUIRED FOR HMA PAVT FD 9 1/2						REQUIRED FOR HMA PAVT FD 14 1/4						40600100 BIT MATLS PR CT (TON)	40701871 HMA PAVT FD 9 1/2 (SQ YD)	44000100 PAVEMENT REM (SQ YD)		
							APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	APP RATE AGG SURFACE (GALLON/SQ YD)	NO APPS AGG SURFACE	APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	APP RATE AGG SURFACE (GALLON/SQ YD)	NO APPS AGG SURFACE	APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE				APP RATE AGG SURFACE (GALLON/SQ YD)	NO APPS AGG SURFACE
WILLOW ROAD																							
625+00	637+00																						
637+00	649+00																						
649+00	661+00																						
661+00	672+00																						
672+00	683+00																						
683+00	693+00																						
693+00	704+00																						
704+00	716+00																						
716+00	728+00																						
728+00	740+00																						
ILLINOIS ROUTE 43																							
493+00	505+00																						
505+00	518+00																						
518+00	530+50																						
I-94																							
413+00	435+00																					314	
435+00	446+00																					231	
I-94 RAMP A																							
810+50	822+64	1186	12	10932		2,844									0.10	1	0.50	1	0.05	5	4	1,262	
I-94 RAMP D																							
850+00	862+00	1200	12	12750		3,109									0.10	1	0.50	1	0.05	5	5	1,509	
862+00	872+56	302	12	3624	439	915	0.10	1	0.50	1	0.05	3	1	332	0.10	1	0.50	1	0.05	5	5	1,95	
SUBTOTAL																							
						6,868									1	332					10	2,965	545
OVERALL TOTAL																							
						6,868									1	332					10	2,965	545

NOTE 1 AGGREGATE SUBGRADE QUANTITY INCLUDES AREA FOR CURB AND GUTTER LOCATIONS OUTSIDE THE PAVEMENT RECONSTRUCTION AREA.
NOTE 2 AGGREGATE SUBGRADE QUANTITIES INCLUDE AREA UNDER THE CURB AND GUTTER AND MEDIAN AS SHOWN ON THE TYPICALS.
NOTE 3 PROTECTIVE COAT QUANTITY INCLUDES 25% OF PCC PAVEMENT AREA. PROTECTIVE COAT FOR CURB AND GUTTER AND MEDIAN IS INCLUDED IN THE CURB AND GUTTER SCHEDULE.
* SEE OTHER SCHEDULES FOR ADDITIONAL QUANTITY

SCHEDULE OF SHOULDER PAVEMENT																					
FROM	TO	30300112 AGG SUBGRADE IMPR 12 (SQ YD)	35101500 AGGREGATE BASE COURSE, TYPE B (CU YD)	REQUIRED FOR HMA SHOULDERS 6				REQUIRED FOR HMA SHOULDERS 7 1/2				REQUIRED FOR HMA SHOULDERS 12 1/4				40600100 BIT MATLS PR CT (TON)	48203027 HMA SHOULDERS 7 1/2 (SQ YD)	48101500 AGGREGATE SHOULDERS, TYPE B 6" (SQ YD)			
				APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	BIT MATLS PR CT (TON)	HMA SHOULDERS 6 (SQ YD)	APP RATE AGG SURFACE (GALLON/SQ YD)	NO APPS AGG SURFACE	APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	APP RATE AGG SURFACE (GALLON/SQ YD)	NO APPS AGG SURFACE	APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE				APP RATE AGG SURFACE (GALLON/SQ YD)	NO APPS AGG SURFACE	APP RATE HMA SURFACE (GALLON/SQ YD)
WILLOW ROAD																					
625+00	637+00																				
637+00	649+00																				
649+00	661+00																				
661+00	672+00				0.05	2	0	4												38	
672+00	683+00	52	9		0.05	2	0	54												7	
683+00	693+00																				
693+00	704+00				0.05	2	0	4													
704+00	716+00				0.05	2	0	26													
716+00	728+00				0.05	2	0	19													
728+00	740+00				0.05	2	0	44													
ILLINOIS ROUTE 43																					
493+00	505+00																				
505+00	518+00																				
518+00	530+50																				
I-94																					
413+00	435+00																				
435+00	446+00																				
I-94 RAMP A																					
810+50	822+64	1,582													0.50	1	0.05	5	5	1,582	
I-94 RAMP D																					
850+00	862+00	1,600													0.50	1	0.05	5	5	1,600	
862+00	872+56	389							0.50	1	0.05	3	0	182	0.50	1	0.05	5	1	190	
SUBTOTAL																					
		3,623	9				0	151						0	182				10	3,372	45
OVERALL TOTAL																					
		3,623	9				0	151						0	182				10	3,372	45

NOTE 1 AGGREGATE SUBGRADE QUANTITY INCLUDES AREA FOR CURB AND GUTTER LOCATIONS OUTSIDE THE PAVEMENT RECONSTRUCTION AREA.
NOTE 2 AGGREGATE SUBGRADE QUANTITIES INCLUDE AREA UNDER THE CURB AND GUTTER AND MEDIAN AS SHOWN ON THE TYPICALS.
NOTE 3 PROTECTIVE COAT QUANTITY INCLUDES 25% OF PCC PAVEMENT AREA. PROTECTIVE COAT FOR CURB AND GUTTER AND MEDIAN IS INCLUDED IN THE CURB AND GUTTER SCHEDULE.
* SEE OTHER SCHEDULES FOR ADDITIONAL QUANTITY

SCHEDULE OF SHOULDER PAVEMENT														
FROM	TO	REQUIRED FOR HMA SC "D" N50			REQUIRED FOR HMA SC "D" N70			REQUIRED FOR P HMA SC "F" N90			40603595 P HMA SC "F" N90 (TON)	44004250 PAVED SHLD REMOVAL (SQ YD)		
		APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	BIT MATLS PR CT (TON)	40603335 HMA SC "D" N50 (TON)	APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	BIT MATLS PR CT (TON)	40603340 HMA SC "D" N70 (TON)	APP RATE HMA SURFACE (GALLON/SQ YD)			NO APPS HMA SURFACE	BIT MATLS PR CT (TON)
WILLOW ROAD														
625+00	637+00													
637+00	649+00													
649+00	661+00													
661+00	672+00													
672+00	683+00	0.1	1	0	6									
683+00	693+00													
693+00	704+00													
704+00	716+00													
716+00	728+00													
728+00	740+00													85
ILLINOIS ROUTE 43														
493+00	505+00													
505+00	518+00													
518+00	530+50													
I-94														
413+00	435+00													3,155
435+00	446+00													286
I-94 RAMP A														
810+50	822+64									0.1	1	1	177	
I-94 RAMP D														
850+00	862+00									0.1	1	1	180	
862+00	872+56					0.1	1	0	20	0.1	1	0	21	
SUBTOTAL					6			0	20			1	378	3,526
OVERALL TOTAL				0	6			0	20			1	378	3,526

NOTE 1 AGGREGATE SUBGRADE QUANTITY INCLUDES AREA FOR CURB AND GUTTER LOCATIONS OUTSIDE THE PAVEMENT RECONSTRUCTION AREA.
NOTE 2 AGGREGATE SUBGRADE QUANTITIES INCLUDE AREA UNDER THE CURB AND GUTTER AND MEDIAN AS SHOWN ON THE TYPICALS.
NOTE 3 PROTECTIVE COAT QUANTITY INCLUDES 25% OF PCC PAVEMENT AREA. PROTECTIVE COAT FOR CURB AND GUTTER AND MEDIAN IS INCLUDED IN THE CURB AND GUTTER SCHEDULE.
* SEE OTHER SCHEDULES FOR ADDITIONAL QUANTITY

SCHEDULE OF DRIVEWAYS																			
STATION	LOCATION	44000200 DRIVE PAVEMENT REM SQ YD	PROPOSED AREA (SQ YD)	35501308 HMA BASE CSE 6 SQ YD	35501316 HMA BASE CSE 8 SQ YD	NO. APPS HMA SURF	APP RATE HMA SURF (GAL/SQ YD)	40600200 BIT MATLS PR CT TON	DEPTH SURFACE (IN)	40603335 HMA SC "D" N50 TON	42300200 PCC DRIVEWAY PAVT 6 SQ YD	42300400 PCC DRIVEWAY PAVT 8 SQ YD	X4021000 TEMP ACCESS- PRIV ENT EACH			X4022000 TEMP ACCESS- COMENT EACH			
													STAGE 1	STAGE 2	STAGE 3	STAGE 1	STAGE 2	STAGE 3	
WILLOW ROAD																			
661+55	LT	39	45	45		1	0.10	0.02	2	5				1					
662+18	RT	75	54	54		1	0.10	0.02	2	6									
666+52	RT	102	65					0.00				65					1		
667+31	RT	46	37	37		1	0.10	0.01	2	4									
668+74	LT	174	-														1		
669+96	RT	130	-														1		
671+74	RT	2*	34	34		1	0.10	0.01	2	4				1					
673+55	RT	26	39	39		1	0.10	0.02	2	4				1					
676+28	RT	50	38	38		1	0.10	0.02	2	4				1					
681+71	RT	70	44	44		1	0.10	0.02	2	5				1					
681+79	LT	104	44	44		1	0.10	0.02	2	5				1					
684+06	LT	37	40	40		1	0.10	0.02	2	5				1					
684+37	RT	62	43	43		1	0.10	0.02	2	5				1					
686+05	RT	67	38	38		1	0.10	0.02	2	4				1					
686+50	RT	114	46	46		1	0.10	0.02	2	5				1					
687+91	RT	100	40	40		1	0.10	0.02	2	5				1					
689+58	RT	83	53	53		1	0.10	0.02	2	6				1					
695+19	RT	66	44	44		1	0.10	0.02	2	5			1	1					
698+00	RT	42	40	40		1	0.10	0.02	2	5				1					
702+40	RT	37	43								43			1					
715+57	RT	107	-																
716+80	RT	92	-																
716+56	LT	35	29		29	1	0.10	0.01	2	3							1		
716+98	LT	68	53		53	1	0.10	0.02	2	6							1		
717+56	LT	73	63		63	1	0.10	0.03	2	7							1		
720+97	LT	70	-															1	
724+59	LT	41	60									60						1	
725+62	LT	29	27		27	1	0.10	0.01	2	3							1		
737+23	RT	32	33		33	1	0.10	0.01	2	4							1		
SUNSET RIDGE ROAD																			
34+41	RT	54	45		45	1	0.10	0.02	2	5									
37+19	LT	21	10		10	1	0.10	0.00	2	1				1					
ALICE PLACE																			
151+22	RT	19	19		19	1	0.10	0.01	2	2									
OLD WILLOW ROAD																			
160+82	LT	7	7		7	1	0.10	0.00	2	1									
NORTHFIELD ROAD																			
175+37	LT	13	11		11	1	0.10	0.00	2	1									
WALNUT STREET																			
201+43	RT	3	2		2	1	0.10	0.00	2	0									
SUBTOTAL		2,091	1,146	689	290			0.39		110				5	14	0	7	3	0
WINTER SHUTDOWN DRIVEWAY CAPPING **										33									
TOTALS		2,091	1,145	689	290			0.39		143	43	125		19			10		

* NOTE: MUCH OF THIS DRIVEWAY IS COMPRISED OF AGGREGATE AND WILL THUS BE REMOVED AS EARTH EXCAVATION.
** NOTE: A QUANTITY OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" HAS BEEN INCLUDED TO CAP ANY DRIVES UNDER CONSTRUCTION PRIOR TO THE WINTER SHUTDOWN STAGE. QUANTITIES ARE ESTIMATED AT HALF THE AMOUNT OF ASPHALT SURFACE FOR THE RELEVANT STAGE 2 DRIVEWAYS.
***NOTE: NO FOG COATS INCLUDED IN DRIVEWAY QUANTITIES FOR BITUMINOUS MATERIALS PRIME COAT.

SCHEDULE OF SIDEWALKS, PATHS, AND RELATED ITEMS											
STATION		44000600	42400200	X0326863	42400800	Z0004542	40603335		40600100	35101800	
FROM	TO	SIDEWALK REM SQ FT	PC CONC SIDEWALK 5 SQ FT	BRICK SIDEWALK SQ FT	DETECTABLE WARNINGS SQ FT	HMA REM (SPECIAL) SQ YD	HMA SC "D" N50 TON	APP RATE HMA SURFACE (GALLON/SQ YD)	NO APPS HMA SURFACE	BIT MATLS PR CT (TON)	AGG BASE CSE B 6 SQ YD
WILLOW ROAD											
637+00	649+00	1037	5,899		96						
649+00	661+00	751	8,028		105						
661+00	672+00	6828	12,802		226						
672+00	683+00	6488	13,279		83						
683+00	693+00	4906	12,134		68						
693+00	704+00	6537	12,768		260						
704+00	716+00	9618	11,706	571	201	268	55	0.5	1	1	327
716+00	728+00	8204	892	11,879	398						
728+00	740+00	2563	3,077		85						
WAUKEGAN ROAD											
518+00	525+45					212	37	0.5	1	0	222
TOTALS		46,932	80,583	12,450	1,522	479	92			1	549
						(MULTI-USE PATH)	(MULTI-USE PATH)				(MULTI-USE PATH)

SCHEDULE OF CURB, GUTTER, MEDIANS, AND RELATED ITEMS																		
STATION		44000300	44000500	44003100	X4403800	60600605	60603500	60603800	60605000	60606200	35101500	60618300	X6061310	60619200	60620800	60624600	64200108	42001300
FROM	TO	CURB REM FOOT	COMB CURB GUTTER FOOT	MEDIAN REMOVAL SQ.FT	MEDIAN SURF REMOVAL	CONC CURB TB FOOT	COMB CC&G TB6.06 FOOT	COMB CC&G TB6.12 FOOT	COMB CC&G TB6.24 FOOT	COMB CC&G TB9.12 MOD FOOT	AGG BASE CSE B CU YD	CONC MEDIAN SURF 4 SQ.FT	CONC MEDIAN SURF 4 SP SQ.FT	CONC MED TSB6.06 SQ.FT	CONC MED TSB9.12 SQ.FT	CORRUGATED MED SQ.FT	SHOULDER RUM STRIP 8 FOOT	PROTECTIVE COAT SQ YD
WILLOW ROAD																		
627+80	637+00		2,926					1,841	1,085		9		256					771
637+00	649+00		3,196	2,126	2,153			711	2,268		36		978					1,289
649+00	661+00	19	2,183	3,495	494			1,670	668		1,219							1,292
661+00	672+00		257					2,324			400						195	1,128
672+00	683+00							2,348			1,407							971
683+00	693+00							2,009			1,365							831
693+00	704+00							2,144			1,222							1,130
704+00	716+00		581					1,915			635							727
716+00	728+00	147	3,697	391	967	71		2,155	159		35	90			396		490	1,100
728+00	740+00	55	927			64			567									193
WAUKEGAN ROAD																		
503+87	505+00		225					225										50
505+00	514+00		1,701	1,174				1,699	1,270		110		2,746					801
514+00	518+00		197					226	414		12		291					261
518+00	527+29		160						1,675	559								1,003
THREE LAKES DRIVE																		
10+00	11+14	89	25			106												7
SUNSET RIDGE ROAD																		
34+05	37+40							431										96
GRAEMERE STREET																		
			21				16											3
WAGNER ROAD																		
84+75	87+20		353					118	100									60
N BRISTOL STREET																		
130+00	130+50		14															
HAPP/CENTRAL																		
182+46	191+32								239					545				140
EDENS EXPRESSWAY																		
420+27	444+57		292					636										141
TOTALS		310	16,752	7,186	3,614	241	16	20,452	8,444	8,455	207	851	4,271	940	20,935	490	195	11,993

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS														
STATION	OFFSET	ORTN.	NO. STEMS	SIZE DIA INCH	20100110	20100210	20101300	20101350	20101000	20101200	20101700	20101400	20101500	20101600
					TREE REMOV 6-15 UNIT	TREE REMOV OVER 15 UNIT	TREE PRUN 1-10 EACH	TREE PRUN OVER 10 EACH	TEMPORARY FENCE FOOT	TREE ROOT PRUNING EACH	SUPPLE WATERING UNIT	NITROGEN FERT NUTR POUND	PHOSPHORUS FERT NUTR POUND	POTASSIUM FERT NUTR POUND
WILLOW ROAD														
628+71	-	M	1	3	4									
629+20	-	M	1	3	4									
629+46	-	M	1	3	4									
629+70	-	M	1	3	4									
630+76	-	M	1	3	4									
631+00	-	M	1	3	4									
631+26	-	M	1	3	4									
631+51	-	M	1	3	4									
631+76	-	M	1	3	4									
631+81	62'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
632+11	62'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
632+42	63'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
632+66	-	M	1	4	5									
632+72	62'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
632+76	63'	RT	1	4			1	9	1	0.167	0.125	0.125	0.125	
632+90	-	M	1	4	5									
633+01	62'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
633+16	-	M	1	4	5									
633+31	63'	RT	1	3			1	9	1	0.167	0.125	0.125	0.125	
633+32	63'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
633+40	-	M	1	4	5									
633+61	62'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
633+66	-	M	1	4	5									
633+86	64'	RT	1	3			1	9	1	0.167	0.125	0.125	0.125	
633+91	59'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
634+21	58'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
634+40	64'	RT	1	3			1	9	1	0.167	0.125	0.125	0.125	
634+50	55'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
634+80	55'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
634+88	-	M	1	4	5									
635+11	55'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
635+14	-	M	1	4	5									
635+40	55'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
635+61	-	M	1	3	4									
635+70	55'	LT	1	4			1	9	1	0.167	0.125	0.125	0.125	
635+85	-	M	1	3	4									
636+00	55'	LT	1	3			1	9	1	0.167	0.125	0.125	0.125	
636+31	55'	LT	1	3			1	9	1	0.167	0.125	0.125	0.125	
636+60	64'	RT	1	3			1	9	1	0.167	0.125	0.125	0.125	
636+61	55'	LT	1	3			1	9	1	0.167	0.125	0.125	0.125	
637+14	64'	RT	1	4			1	9	1	0.167	0.125	0.125	0.125	
637+69	65'	RT	1	3			1	9	1	0.167	0.125	0.125	0.125	
637+81	73'	RT	1	30			1	9	1	0.167	0.125	0.125	0.125	
638+04	53'	LT	1	15			1	9	1	0.167	0.125	0.125	0.125	
638+11	64'	RT	1	5			1	9	1	0.167	0.125	0.125	0.125	
638+86	70'	RT	1	28			1	9	1	0.167	0.125	0.125	0.125	
638+93	71'	RT	1	15			1	9	1	0.167	0.125	0.125	0.125	
639+02	51'	LT	1	26			1	9	1	0.167	0.125	0.125	0.125	
639+27	47'	LT	1	12	14									
639+33	66'	RT	1	4			1	9	1	0.167	0.125	0.125	0.125	
639+78	51'	LT	1	24		27								
639+94	69'	RT	1	32			1	9	1	0.167	0.125	0.125	0.125	
640+09	74'	RT	1	32			1	9	1	0.167	0.125	0.125	0.125	
640+29	59'	LT	1	15		17								
640+38	58'	LT	1	10	11									
640+40	52'	LT	1	12	14									
640+45	74'	RT	1	4			1	9	1	0.167	0.125	0.125	0.125	
640+66	56'	LT	1	20		22								
640+79	71'	LT	1	26		29								
640+86	108'	RT	1	4	5									
642+96	86'	LT	1	3			1	9	1	0.167	0.125	0.125	0.125	
643+29	74'	LT	1	3	4									
648+93	61'	RT	1	6			1	9	1	0.167	0.125	0.125	0.125	
653+77	107'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
653+94	93'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
654+20	78'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
660+74	47'	RT	3	12,12,7		35								
662+59	51'	LT	1	16			1	9	1	0.167	0.125	0.125	0.125	
662+67	52'	LT	1	10			1	9	1	0.167	0.125	0.125	0.125	
662+71	49'	LT	2	7.5	14									
662+98	55'	LT	1	18			1	9	1	0.167	0.125	0.125	0.125	
663+04	54'	LT	1	18			1	9	1	0.167	0.125	0.125	0.125	
663+38	50'	LT	1	8			1	9	1	0.167	0.125	0.125	0.125	
663+88	51'	LT	1	18			1	9	1	0.167	0.125	0.125	0.125	
664+01	50'	LT	1	11			1	9	1	0.167	0.125	0.125	0.125	
664+12	49'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
664+23	48'	LT	1	12	14									
664+31	47'	LT	6	12,8,6,6		36								
664+46	53'	LT	1	9			1	9	1	0.167	0.125	0.125	0.125	
664+56	52'	LT	1	9			1	9	1	0.167	0.125	0.125	0.125	
665+84	38'	RT	1	14	16									

FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-SCHE.D.dgn		DRAWN - MNB	REVISED -
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/30/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 40 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BIR	COOK	919	40
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS														
STATION	OFFSET	ORTN.	NO. STEMS	SIZE DIA INCH	20100110	20100210	20101300	20101350	20101000	20101200	20101700	20101400	20101500	20101600
					TREE REMOV 6-15 UNIT	TREE REMOV OVER 15 UNIT	TREE PRUN 1-10 EACH	TREE PRUN OVER 10 EACH	TEMPORARY FENCE FOOT	TREE ROOT PRUNING EACH	SUPPLE WATERING UNIT	NITROGEN FERT NUTR POUND	PHOSPHORUS FERT NUTR POUND	POTASSIUM FERT NUTR POUND
667+00	49'	RT	1	6	7									
667+08	49'	RT	1	6	7									
667+17	45'	LT	1	12	14									
667+41	31'	RT	3	15, 8, 6		32								
667+53	46'	LT	2	6, 4	11									
667+54	44'	LT	1	6	7									
667+68	31'	RT	1	18		20								
668+50	50'	RT	1	12			1	9	1	0.167	0.125	0.125	0.125	
669+10	45'	LT	1	8	9									
669+28	43'	LT	2	10, 9		21								
669+43	47'	LT	1	6	7									
669+47	48'	LT	1	6	7									
669+61	49'	RT	1	12			1	9	1	0.167	0.125	0.125	0.125	
669+62	48'	LT	1	6	7									
669+71	46'	LT	1	6	7									
670+87	53'	RT	1	6			1	9	1	0.167	0.125	0.125	0.125	
671+05	54'	RT	4	5, 5, 2, 1			1	9	1	0.167	0.125	0.125	0.125	
671+22	54'	RT	1	6			1	9	1	0.167	0.125	0.125	0.125	
671+63	48'	LT	2	8, 7		17								
671+67	48'	LT	1	7	8									
671+75	49'	LT	1	8	9									
671+89	48'	LT	1	12	14									
671+95	48'	RT	1	6	7									
672+00	51'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
672+08	49'	LT	1	6	7									
672+23	53'	LT	1	8			1	9	1	0.167	0.125	0.125	0.125	
672+34	47'	RT	1	18		20								
672+39	47'	RT	1	8	9									
672+55	53'	RT	1	6			1	9	1	0.167	0.125	0.125	0.125	
672+57	52'	RT	1	6			1	9	1	0.167	0.125	0.125	0.125	
672+65	53'	RT	1	6			1	9	1	0.167	0.125	0.125	0.125	
672+67	51'	RT	1	6			1	9	1	0.167	0.125	0.125	0.125	
672+74	50'	RT	1	8			1	9	1	0.167	0.125	0.125	0.125	
672+98	50'	RT	1	12			1	9	1	0.167	0.125	0.125	0.125	
673+05	52'	RT	1	11			1	9	1	0.167	0.125	0.125	0.125	
673+16	58'	LT	2	14, 6			1	9	1	0.167	0.125	0.125	0.125	
673+85	70'	LT	3	8, 5, 4			1	9	1	0.167	0.125	0.125	0.125	
673+94	48'	RT	1	18		20								
673+97	69'	LT	1	9			1	9	1	0.167	0.125	0.125	0.125	
674+06	83'	LT	1	10			1	9	1	0.167	0.125	0.125	0.125	
674+87	89'	LT	1	10			1	9	1	0.167	0.125	0.125	0.125	
675+21	105'	LT	1	10			1	9	1	0.167	0.125	0.125	0.125	
675+24	51'	RT	1	30			1	9	1	0.167	0.125	0.125	0.125	
675+35	58'	LT	1	8			1	9	1	0.167	0.125	0.125	0.125	
675+48	46'	LT	1	6	7									
675+51	52'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
675+72	51'	LT	1	10			1	9	1	0.167	0.125	0.125	0.125	
675+75	52'	LT	1	12			1	9	1	0.167	0.125	0.125	0.125	
675+81	50'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
675+85	51'	LT	1	8			1	9	1	0.167	0.125	0.125	0.125	
675+98	46'	LT	1	6	7									
676+91	52'	LT	1	15			1	9	1	0.167	0.125	0.125	0.125	
677+14	52'	LT	2	2, 1			1	9	1	0.167	0.125	0.125	0.125	
677+58	54'	LT	1	12			1	9	1	0.167	0.125	0.125	0.125	
677+60	47'	LT	1	12			1	9	1	0.167	0.125	0.125	0.125	
677+62	47'	LT	2	9, 8			1	9	1	0.167	0.125	0.125	0.125	
677+72	48'	LT	1	12			1	9	1	0.167	0.125	0.125	0.125	
678+18	48'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
679+31	49'	LT	1	12			1	9	1	0.167	0.125	0.125	0.125	
679+34	49'	LT	1	12			1	9	1	0.167	0.125	0.125	0.125	
679+36	48'	LT	1	10			1	9	1	0.167	0.125	0.125	0.125	
679+39	49'	LT	1	10			1	9	1	0.167	0.125	0.125	0.125	
679+41	50'	LT	1	8			1	9	1	0.167	0.125	0.125	0.125	
679+70	52'	LT	1	8			1	9	1	0.167	0.125	0.125	0.125	
679+76	52'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
680+11	37'	RT	1	18		20								
680+37	37'	RT	1	15		17								
680+52	52'	LT	1	10			1	9	1	0.167	0.125	0.125	0.125	
680+66	37'	RT	1	15		17								
680+71	46'	LT	1	8	9									
681+01	36'	RT	2	12, 9		24								
681+03	43'	LT	1	6	7									
681+38	45'	LT	1	10	11									
681+45	46'	LT	1	6	7									
681+56	37'	RT	1	15		17								
681+67	43'	LT	1	12	14									
681+69	49'	LT	1	8			1	9	1	0.167	0.125	0.125	0.125	
681+88	37'	RT	1	6	7									
681+96	51'	RT	1	6			1	9	1	0.167	0.125	0.125	0.125	
682+10	36'	RT	1	15		17								
682+20	51'	LT	1	6			1	9	1	0.167	0.125	0.125	0.125	
682+24	52'	LT	1	12			1	9	1	0.167	0.125	0.125	0.125	

FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/30/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 41 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	41
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS														
STATION	OFFSET	ORTN.	NO. STEMS	SIZE DIA INCH	20100110	20100210	20101300	20101350	20101000	20101200	20101700	20101400	20101500	20101600
					TREE REMOV 6-15 UNIT	TREE REMOV OVER 15 UNIT	TREE PRUN 1-10 EACH	TREE PRUN OVER 10 EACH	TEMPORARY FENCE FOOT	TREE ROOT PRUNING EACH	SUPPLE WATERING UNIT	NITROGEN FERT NUTR POUND	PHOSPHORUS FERT NUTR POUND	POTASSIUM FERT NUTR POUND
682+32	39'	RT	1	10	11									
682+43	52'	LT	1	6					9	1	0.167	0.125	0.125	0.125
682+51	52'	LT	1	8					9	1	0.167	0.125	0.125	0.125
682+74	52'	LT	1	6					9	1	0.167	0.125	0.125	0.125
682+75	37'	RT	1	15		17								
682+98	46'	LT	2	7,3	11									
683+02	37'	RT	1	15		17								
683+04	45'	LT	2	7,4	13									
683+32	49'	RT	1	12	14									
683+50	38'	RT	1	12	14									
683+53	53'	LT	2	7,5				1	9	1	0.167	0.125	0.125	0.125
683+75	51'	RT	1	6					9	1	0.167	0.125	0.125	0.125
683+76	38'	RT	1	12	14									
683+89	54'	RT	1	6					9	1	0.167	0.125	0.125	0.125
684+00	51'	RT	1	6					9	1	0.167	0.125	0.125	0.125
684+79	52'	LT	1	30				1	9	1	0.167	0.125	0.125	0.125
686+30	54'	RT	1	4					9	1	0.167	0.125	0.125	0.125
687+05	55'	RT	1	6					9	1	0.167	0.125	0.125	0.125
687+06	45'	LT	1	6					9	1	0.167	0.125	0.125	0.125
687+45	55'	RT	1	6					9	1	0.167	0.125	0.125	0.125
687+73	56'	RT	1	4					9	1	0.167	0.125	0.125	0.125
687+98	50'	RT	1	6					9	1	0.167	0.125	0.125	0.125
689+23	45'	LT	2	9,8				1	9	1	0.167	0.125	0.125	0.125
691+68	45'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
692+34	42'	LT	1	6					9	1	0.167	0.125	0.125	0.125
692+41	42'	LT	1	6					9	1	0.167	0.125	0.125	0.125
692+82	33'	RT	1	12	14									
693+04	34'	RT	1	12	14									
693+30	40'	RT	1	8	9									
693+60	33'	RT	1	6	7									
693+65	32'	RT	1	6	7									
693+72	32'	RT	1	12	14									
693+85	35'	RT	1	6	7									
693+90	54'	LT	1	18				1	9	1	0.167	0.125	0.125	0.125
694+03	34'	RT	1	6	7									
694+04	46'	RT	5	5,4,4,4,4		24								
694+16	39'	RT	1	6	7									
694+28	38'	RT	1	12	14									
694+44	39'	RT	1	12	14									
694+46	52'	LT	1	24				1	9	1	0.167	0.125	0.125	0.125
694+61	37'	RT	1	12	14									
694+83	34'	RT	1	6	7									
694+94	44'	RT	1	8	9									
695+03	60'	RT	1	6					9	1	0.167	0.125	0.125	0.125
695+06	52'	LT	1	18				1	9	1	0.167	0.125	0.125	0.125
695+46	30'	RT	1	18		20								
695+58	37'	RT	2	10,12		25								
695+63	53'	LT	1	18				1	9	1	0.167	0.125	0.125	0.125
695+64	30'	RT	1	18		20								
695+84	31'	RT	3	10,10,10		33								
695+90	36'	RT	1	8	9									
696+00	29'	RT	1	30		33								
696+20	52'	LT	1	15				1	9	1	0.167	0.125	0.125	0.125
696+28	49'	RT	1	36		40								
696+42	124'	RT	1	6				1	9	1	0.167	0.125	0.125	0.125
696+98	77'	RT	1	24				1	9	1	0.167	0.125	0.125	0.125
696+99	110'	RT	1	32				1	9	1	0.167	0.125	0.125	0.125
697+70	36'	RT	1	8	9									
697+71	36'	RT	1	6	7									
697+89	54'	LT	1	15				1	9	1	0.167	0.125	0.125	0.125
698+31	51'	RT	1	12				1	9	1	0.167	0.125	0.125	0.125
698+66	37'	RT	4	10,9,9,9										
698+99	39'	RT	2	6,6	14									
699+14	39'	RT	1	6	7									
699+16	38'	RT	1	6	7									
699+23	37'	RT	1	10	11									
699+35	51'	RT	1	6					9	1	0.167	0.125	0.125	0.125
700+70	37'	RT	1	24		27								
700+82	37'	RT	1	12	14									
700+86	52'	LT	1	10					9	1	0.167	0.125	0.125	0.125
701+00	37'	RT	1	24		27								
701+08	46'	LT	1	12	14									
702+11	49'	RT	1	6					9	1	0.167	0.125	0.125	0.125
702+30	51'	RT	1	6					9	1	0.167	0.125	0.125	0.125
702+31	54'	RT	1	6					9	1	0.167	0.125	0.125	0.125
702+35	48'	LT	1	10					9	1	0.167	0.125	0.125	0.125
702+62	43'	LT	1	24		27								
702+92	45'	LT	1	4					9	1	0.167	0.125	0.125	0.125
702+96	51'	RT	3	51,23,20				1	9	1	0.167	0.125	0.125	0.125
703+02	45'	LT	1	4					9	1	0.167	0.125	0.125	0.125
703+09	43'	LT	1	4					9	1	0.167	0.125	0.125	0.125
703+19	47'	LT	1	4					9	1	0.167	0.125	0.125	0.125

FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/30/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 42 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920,01,1518,2022&1922,4BIR	COOK	919	42
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS														
STATION	OFFSET	ORTN.	NO. STEMS	SIZE DIA INCH	20100110 TREE REMOV 6-15 UNIT	20100210 TREE REMOV OVER 15 UNIT	20101300 TREE PRUN 1-10 EACH	20101350 TREE PRUN OVER 10 EACH	20101000 TEMPORARY FENCE FOOT	20101200 TREE ROOT PRUNING EACH	20101700 SUPPLE WATERING UNIT	20101400 NITROGEN FERT NUTR POUND	20101500 PHOSPHORUS FERT NUTR POUND	20101600 POTASSIUM FERT NUTR POUND
703+31	46'	LT	1	4			1		9	1	0.167	0.125	0.125	0.125
703+48	46'	LT	1	4			1		9	1	0.167	0.125	0.125	0.125
703+51	46'	RT	1	15				1	9	1	0.167	0.125	0.125	0.125
703+62	48'	LT	1	4			1		9	1	0.167	0.125	0.125	0.125
704+13	38'	RT	1	12	14									
704+21	52'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
704+33	50'	RT	1	14				1	9	1	0.167	0.125	0.125	0.125
704+46	52'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
704+51	50'	RT	2	12, 10				1	9	1	0.167	0.125	0.125	0.125
704+58	36'	RT	1	12	14									
704+63	26'	RT	1	6	7									
704+73	51'	RT	1	24										
704+75	29'	RT	1	6	7			1	9	1	0.167	0.125	0.125	0.125
704+84	37'	RT	2	7, 6	15									
704+86	65'	LT	1	6			1		9	1	0.167	0.125	0.125	0.125
704+89	32'	RT	1	6	7									
704+94	28'	RT	1	6	7									
704+99	30'	RT	1	6	7									
705+01	50'	RT	1	6			1		9	1	0.167	0.125	0.125	0.125
705+06	52'	RT	1	24				1	9	1	0.167	0.125	0.125	0.125
705+17	89'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
705+24	31'	RT	1	6	7									
705+31	73'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
705+38	35'	RT	1	24		27								
705+46	51'	RT	1	6			1		9	1	0.167	0.125	0.125	0.125
705+56	51'	RT	1	6				1	9	1	0.167	0.125	0.125	0.125
705+65	52'	RT	1	6			1		9	1	0.167	0.125	0.125	0.125
705+87	75'	LT	1	5			1		9	1	0.167	0.125	0.125	0.125
705+89	32'	RT	1	12	14									
706+09	91'	LT	1	18				1	9	1	0.167	0.125	0.125	0.125
706+22	34'	RT	1	6	7									
706+39	89'	LT	1	20				1	9	1	0.167	0.125	0.125	0.125
706+47	34'	RT	1	6	7									
706+48	53'	RT	2	22, 22				1	9	1	0.167	0.125	0.125	0.125
706+56	54'	RT	1	4			1		9	1	0.167	0.125	0.125	0.125
706+77	34'	RT	1	12	14									
706+82	72'	LT	1	5			1		9	1	0.167	0.125	0.125	0.125
707+12	60'	RT	1	18				1	9	1	0.167	0.125	0.125	0.125
710+29	46'	LT	1	8			1		9	1	0.167	0.125	0.125	0.125
710+44	46'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
710+61	45'	LT	1	8			1		9	1	0.167	0.125	0.125	0.125
710+90	47'	LT	1	10			1		9	1	0.167	0.125	0.125	0.125
711+18	54'	RT	1	15		17								
711+19	46'	LT	1	8			1		9	1	0.167	0.125	0.125	0.125
711+22	50'	RT	1	18		20								
711+30	40'	RT	1	6	7									
711+41	41'	RT	2	6, 8		16								
711+42	42'	LT	1	6			1		9	1	0.167	0.125	0.125	0.125
711+53	43'	LT	1	6			1		9	1	0.167	0.125	0.125	0.125
711+54	38'	RT	2	7, 5	14									
711+63	33'	RT	1	10	11									
711+65	39'	LT	1	8			1		9	1	0.167	0.125	0.125	0.125
711+69	48'	RT	1	12	14									
711+70	31'	RT	1	12	14									
711+73	44'	RT	1	24		27								
711+74	39'	LT	1	8			1		9	1	0.167	0.125	0.125	0.125
711+78	45'	RT	1	12	14									
711+80	41'	LT	1	8			1		9	1	0.167	0.125	0.125	0.125
711+84	39'	RT	1	6	7									
711+84	44'	RT	1	6	7									
711+90	41'	RT	1	12	14									
712+00	40'	RT	2	6	7									
712+03	41'	RT	1	8	9									
712+12	27'	RT	2	7, 8		17								
712+20	53'	RT	1	10			1		9	1	0.167	0.125	0.125	0.125
712+21	43'	LT	2	9, 10				1	9	1	0.167	0.125	0.125	0.125
712+23	46'	LT	1	8			1		9	1	0.167	0.125	0.125	0.125
712+31	36'	LT	1	6	7									
712+32	54'	RT	1	10			1		9	1	0.167	0.125	0.125	0.125
712+35	53'	RT	1	6			1		9	1	0.167	0.125	0.125	0.125
712+37	52'	RT	1	6			1		9	1	0.167	0.125	0.125	0.125
712+41	38'	LT	2	10, 10				1	9	1	0.167	0.125	0.125	0.125
712+58	35'	RT	1	18		20								
712+59	41'	LT	2	10, 7				1	9	1	0.167	0.125	0.125	0.125
712+65	50'	RT	1	6			1		9	1	0.167	0.125	0.125	0.125
712+71	47'	RT	1	6	7									
712+75	35'	RT	1	6	7									
712+81	40'	LT	2	6, 6				1	9	1	0.167	0.125	0.125	0.125
712+84	39'	RT	1	24		27								
712+86	42'	RT	1	8	9									
712+89	38'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
713+11	45'	RT	2	21, 12		37								

FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/30/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 43 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	43
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS														
STATION	OFFSET	ORTN.	NO. STEMS	SIZE DIA INCH	20100110 TREE REMOV 6-15 UNIT	20100210 TREE REMOV OVER 15 UNIT	20101300 TREE PRUN 1-10 EACH	20101350 TREE PRUN OVER 10 EACH	20101000 TEMPORARY FENCE FOOT	20101200 TREE ROOT PRUNING EACH	20101700 SUPPLE WATERING UNIT	20101400 NITROGEN FERT NUTR POUND	20101500 PHOSPHORUS FERT NUTR POUND	20101600 POTASSIUM FERT NUTR POUND
713+31	41'	RT	1	18		20								
713+37	43'	RT	2	9,7		18								
713+38	43'	RT	2	19,11		33								
713+66	47'	RT	1	24		27								
713+83	46'	RT	2	15,9		27								
713+99	31'	RT	1	12	14									
714+07	44'	LT	1	6			1		9	1	0.167	0.125	0.125	0.125
714+13	49'	RT	1	15				1	9	1	0.167	0.125	0.125	0.125
714+26	46'	LT	2	16,16				1	9	1	0.167	0.125	0.125	0.125
714+28	43'	RT	1	23		26								
714+35	43'	LT	1	6	7									
714+44	54'	LT	1	18				1	9	1	0.167	0.125	0.125	0.125
714+58	40'	RT	1	18		20								
714+62	35'	RT	1	8	9									
714+78	46'	LT	2	14,13		30								
715+12	36'	RT	2	7,6	15									
715+15	54'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
715+18	53'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
715+27	49'	LT	1	20		22								
715+28	38'	LT	1	6	7									
715+75	35'	LT	1	24		27								
716+22	50'	LT	1	30				1	9	1	0.167	0.125	0.125	0.125
716+40	40'	LT	1	24		27								
716+46	38'	RT	1	15		17								
717+26	38'	LT	1	12	14									
717+33	69'	RT	1	14				1	9	1	0.167	0.125	0.125	0.125
717+59	-	M	1	10	11									
717+67	51'	RT	1	15				1	9	1	0.167	0.125	0.125	0.125
718+05	57'	LT	1	14				1	9	1	0.167	0.125	0.125	0.125
718+46	53'	RT	1	14				1	9	1	0.167	0.125	0.125	0.125
718+64	97'	RT	3	14,12,12				1	9	1	0.167	0.125	0.125	0.125
719+07	-	M	1	8	9									
719+64	-	M	1	6	7									
719+94	49'	RT	1	12	14									
720+26	55'	RT	1	12				1	9	1	0.167	0.125	0.125	0.125
720+27	-	M	1	12	14									
720+50	-	M	1	8	9									
720+51	-	M	1	8	9									
720+80	46'	RT	1	6	7									
720+95	-	M	1	6	7									
721+12	-	M	1	8	9									
721+19	54'	RT	1	12				1	9	1	0.167	0.125	0.125	0.125
721+33	-	M	1	6	7									
721+41	55'	RT	1	12				1	9	1	0.167	0.125	0.125	0.125
721+60	58'	RT	1	12				1	9	1	0.167	0.125	0.125	0.125
721+92	54'	LT	4,4,4,4,3,3,3	25				1	9	1	0.167	0.125	0.125	0.125
722+05	31'	LT	1	6	7									
722+16	-	M	1	10	11									
722+21	53'	LT	1	6				1	9	1	0.167	0.125	0.125	0.125
722+26	32'	LT	1	6	7									
722+31	-	M	1	10	11									
722+68	99'	LT	1	6				1	9	1	0.167	0.125	0.125	0.125
723+32	93'	RT	1	15				1	9	1	0.167	0.125	0.125	0.125
723+45	112'	LT	1	8				1	9	1	0.167	0.125	0.125	0.125
723+49	81'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
724+26	45'	RT	1	24				1	9	1	0.167	0.125	0.125	0.125
724+30	35'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
724+45	-	M	1	10	11									
724+73	-	M	1	8	9									
724+85	38'	LT	1	8				1	9	1	0.167	0.125	0.125	0.125
725+15	44'	RT	1	18				1	9	1	0.167	0.125	0.125	0.125
725+27	-	M	1	8	9									
725+47	47'	RT	1	18				1	9	1	0.167	0.125	0.125	0.125
725+50	-	M	1	10	11									
725+69	-	M	1	6	7									
725+81	36'	LT	1	6				1	9	1	0.167	0.125	0.125	0.125
725+89	42'	RT	1	8				1	9	1	0.167	0.125	0.125	0.125
734+04	191'	RT	1	6	7									
737+01	35'	RT	1	15		17								
WAUKEGAN ROAD														
504+03	-	M	1	10	11									
504+42	-	M	1	8	9									
508+44	50'	RT	1	10	11									
508+62	45'	RT	1	12	14									
508+66	53'	RT	1	12	14									
508+71	44'	RT	1	10	11									
508+77	55'	LT	1	12				1	9	1	0.167	0.125	0.125	0.125
509+29	46'	RT	1	12	14									
509+45	50'	RT	1	12				1	9	1	0.167	0.125	0.125	0.125
510+09	46'	RT	1	10	11									
510+55	60'	LT	1	4				1	9	1	0.167	0.125	0.125	0.125
510+88	51'	RT	1	6	7									

FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\0160135-SHT-SCHE.Dgn		DRAWN - MNB	REVISED -
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/30/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N.T.S. SHEET NO. 44 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920,01,1518,2022&1922,4BIR	COOK	919	44
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

SCHEDULE OF TREE REMOVAL AND RELATED ITEMS														
STATION	OFFSET	ORTN.	NO. STEMS	SIZE DIA INCH	20100110 TREE REMOV 6-15 UNIT	20100210 TREE REMOV OVER 15 UNIT	20101300 TREE PRUN 1-10 EACH	20101350 TREE PRUN OVER 10 EACH	20101000 TEMPORARY FENCE FOOT	20101200 TREE ROOT PRUNING EACH	20101700 SUPPLE WATERING UNIT	20101400 NITROGEN FERT NUTR POUND	20101500 PHOSPHORUS FERT NUTR POUND	20101600 POTASSIUM FERT NUTR POUND
510+95	51'	RT	1	12	14									
511+10	59'	LT	1	4										
511+28	45'	RT	1	6	7				9	1	0.167	0.125	0.125	0.125
511+61	45'	RT	1	12	14									
511+65	45'	RT	1	12	14									
511+66	62'	LT	1	4					9	1	0.167	0.125	0.125	0.125
512+20	62'	LT	1	4					9	1	0.167	0.125	0.125	0.125
512+46	47'	RT	1	12	14									
512+83	43'	RT	1	12	14									
512+85	43'	RT	1	18		20								
513+31	60'	LT	1	4					9	1	0.167	0.125	0.125	0.125
513+43	50'	RT	1	8	9									
513+43	46'	RT	1	18		20								
513+52	55'	RT	1	12	14									
513+53	50'	RT	1	8	9									
513+66	53'	RT	1	6	7									
513+68	51'	RT	1	12	14									
513+69	53'	RT	1	4	5									
513+73	53'	RT	1	4	5									
513+74	49'	RT	1	12	14									
513+75	48'	RT	1	12	14									
513+80	53'	RT	1	6	7									
513+82	52'	RT	1	10	11									
513+84	50'	RT	1	12	14									
513+86	59'	LT	1	4	5									
513+97	56'	RT	1	12	14									
514+01	54'	RT	1	8	9									
514+02	55'	RT	1	8	9									
514+03	54'	RT	1	6	7									
514+08	50'	RT	1	6	7									
514+19	51'	RT	1	6	7									
514+36	42'	RT	1	3	4									
514+42	60'	LT	1	4	5									
518+49	75'	LT	1	10					9	1	0.167	0.125	0.125	0.125
518+52	78'	LT	1	8					9	1	0.167	0.125	0.125	0.125
520+71	59'	LT	1	12					9	1	0.167	0.125	0.125	0.125
TOTAL					1,593	1,318	131	88	1,971	219	37	27	27	27

FILE NAME = G:\CH11\0158\Road\Sheets\0160T35-SHT-SCHED.dgn	USER NAME = BAW\rt.t	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	305			(1920.01,1518,2022&1922.4B)R	COOK	919	45			
PLOT DATE = 11/30/2012	DATE - 10/31/2012	REVISED -	SCALE: N.T.S.			SHEET NO. 45 OF 919 SHEETS			CONTRACT NO. 60T35			
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

STATION		20800150	56100600	56100700	56100800	56100900	56101000	56104900	56105000	56105100	56105300	56200500	56200700	56201600	56201800	56400300	56400500	56400820	56500800
FROM	TO	TRENCH BACKFILL CU YD	WATER MAIN 6" FOOT	WATER MAIN 8" FOOT	WATER MAIN 10" FOOT	WATER MAIN 12" FOOT	WATER MAIN 16" FOOT	WATER VALVES 6" EACH	WATER VALVES 8" EACH	WATER VALVES 10" EACH	WATER VALVES 16" EACH	WATER SERV LINE 1 1/2" FOOT	WATER SERV LINE 2" FOOT	CORP STOPS 1 1/2" EACH	CORP STOPS 2" EACH	FIRE HYDNPTS TO BE ADJ EACH	FIRE HYDNPTS TO BE REM EACH	FIRE HYD W/AUX V &VB EACH	DOM WAT SER BOX EACH
WILLOW ROAD																			
627+80	637+00																		
637+00	649+00																1	1	1
649+00	661+00																4		
661+00	672+00	751	94				633	1	1		1	10		1				3	3
672+00	683+00	1,141			151		1,100			1	2	53		3					3
683+00	693+00	1,393		117			1,000		1		1								4
693+00	704+00	2,116		188	150		1,100	2	3		2	83		1				4	1
704+00	716+00	1,182		258			770	2	2		2							3	4
716+00	728+00	1,291			329	15	843		2		3	10	18	1	1	2		3	7
728+00	740+00																		
WAUKEGAN ROAD																			
503+87	505+00																	1	1
505+00	514+00																		
514+00	518+00																		
518+00	527+29																		
SUNSET RIDGE ROAD																			
34+05	37+40																		
TOTALS		7,874	94	563	630	15	5,446	5	9	1	11	156	18	6	1	8	15	27	7

STATION		59300100	60248700	60248900	60249010	60265700	X5610016	X5630006	X5630008	X5630012	X5630706	X5630708	X5630712	X5630716	X6026622
FROM	TO	CONTR LOW-STRENG MATL CU YD	VV TA 4 DIA T1F CL EACH	VV TA 5 DIA T1F CL EACH	VV TA 6 DIA T1F CL EACH	VV ADJUST EACH	WATER MAIN 16" D BORE FOOT	CUT & CAP EX 6" WM EACH	CUT & CAP EX 8" WM EACH	CUT & CAP EX 12" WM EACH	CONN TO EX W MAIN 6" EACH	CONN TO EX W MAIN 8" EACH	CONN TO EX W MAIN 12" EACH	CONN TO EX W MAIN 16" EACH	VV REMOVED EACH
WILLOW ROAD															
627+80	637+00														
637+00	649+00							2							
649+00	661+00							8							
661+00	672+00	9	2		1	5		2	3		1	1		1	4
672+00	683+00	3		1	2	2		1				1			
683+00	693+00	11	1		1			1		1		1			2
693+00	704+00	35	5		2			2	3		2	3			5
704+00	716+00	38	4		2		430	1	3		2	1			7
716+00	728+00	31	2		3	5			3	2		2	2		3
728+00	740+00														
WAUKEGAN ROAD															
503+87	505+00														
505+00	514+00														
514+00	518+00														
518+00	527+29														
SUNSET RIDGE ROAD															
34+05	37+40					1									
TOTALS		127	14	1	11	23	430	5	14	3	5	9	2	1	21

SCHEDULE OF SANITARY SEWER RELATED ITEMS										
STATION		59300100	60255500	60257900	60500040	X0487700	X0840000	XX005713	CUT & CAP EX 4 FM	CONN TO EX F MAIN 4
FROM	TO	CONTR LOW-STRENG MATL CU YD	MAN ADJUST EACH	MAN RECONST EACH	REMOVING MANHOLES EACH	SAN SEW REMOV 10 FOOT	SAN SEW REMOV 8 FOOT	4" FORCE MAIN FOOT	EACH	EACH
WILLOW ROAD										
627+80	637+00									
637+00	649+00	3						755		
649+00	661+00	4	1		1			1,622		
661+00	672+00	1	2		10			87	1	1
672+00	683+00		1		2					
683+00	693+00									
693+00	704+00		3	1	5	1,050	236			
704+00	716+00		1	1	7	718	150			
716+00	728+00	2	2		15					
728+00	740+00		1							
WAUKEGAN ROAD										
503+87	505+00							777		
505+00	514+00	2							1	1
514+00	518+00	1								
518+00	527+29									
SUNSET RIDGE ROAD										
34+05	37+40									
TOTALS		13	11	2	40	1,768	386	3,241	2	2

SCHEDULE OF EROSION CONTROL						
STATION		28000305		28000400		28000510
FROM	TO	TEMP DITCH CHECKS FOOT		PERIMETER EROS BAR FOOT		INLET FILTERS EACH
		STAGE 1	STAGE 2	STAGE 1	STAGE 2	
WILLOW ROAD						
625+00	637+00	0	8	700	857	17
637+00	649+00	72	104	1,693	431	41
649+00	661+00	56	40	704	964	38
661+00	672+00	16	8	2,727	80	55
672+00	683+00	80	40	2,386	64	41
683+00	693+00	72		1,848	80	35
693+00	704+00	8		2,214	151	66
704+00	716+00	32		2,452	42	39
716+00	728+00	8	8	1,195	252	65
728+00	740+00		16	16	905	10
WAUKEGAN ROAD						
493+00	505+00					
505+00	518+00	32		745	615	12
518+00	530+50	48	16	1,163		22
INTERSTATE 94						
413+00	424+00		16		48	3
424+00	435+00		120		192	12
435+00	446+00		16			
TOTALS		816		22,524		456

FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
G:\CH11\0158\Road\Sheets\0160T35-SHT-SCHED.dgn	DRAWN - MNB	RECHECKED -	REVISIED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	47	
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISIED -	REVISIED -			CONTRACT NO. 60T35					
PLOT DATE = 11/30/2012	DATE - 10/31/2012	REVISIED -	REVISIED -			SCALE: N.T.S.	SHEET NO. 47 OF 919 SHEETS		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

SCHEDULE OF PAVEMENT MARKING, AND RELATED ITEMS															
STATION		78000100	78000200		78000400		78000500		78000600		78000650	78003110	78003120	78008200	
FROM	TO	THPL PVT MK LTR & SYM SQ FT	THPL PVT MK LINE 4 FOOT		THPL PVT MK LINE 6 FOOT		THPL PVT MK LINE 8 FOOT		THPL PVT MK LINE 12 FOOT		THPL PVT MK LINE 24 FOOT	PREF PL PM TB LINE 4 FOOT	PREF PL PM TB LINE 5 FOOT	POLYUREA PM T1LTR-SY SQ FT	
		WHITE	WHITE		WHITE		WHITE		WHITE		WHITE	WHITE	WHITE	WHITE	
			SOLID LINE	10' LINE 30' SPACE	SOLID LINE	DOUBLE LINE	SOLID LINE	2' LINE 6' SPACE	SOLID LINE	CROSS WALK	SOLID LINE	SOLID LINE	2' LINE 6' SPACE	10' LINE 30' SPACE	
WILLOW ROAD															
615+00	637+00	36		351			30	21							114
637+00	649+00														504
649+00	661+00														218
661+00	672+00		120			120	90	8							182
672+00	683+00														36
683+00	693+00														36
693+00	704+00	57	60			120	48	3							88
704+00	716+00														73
716+00	728+00	36	60			340	124	5	92		10				218
728+00	740+00					126					79	15		27	
740+00	753+00					130									
WAUKEGAN ROAD															
493+00	505+00					199									
505+00	518+00	52				177			196						130
518+00	530+50	109	493			193			868	384			23		109
530+50	541+00	36				334			2,174	114			50		
NORTHFIELD / OLD WILLOW ROAD															
165+50	171+00								25						
HAPP ROAD / CENTRAL AVENUE															
180+00	194+00	73					877	70	25	75	25	1		49	
INTERSTATE 94															
413+00	424+00		777			1,175			114	398			48	31	98
424+00	435+00		103			2,200			32	2,097			68	43	522
435+00	446+00		599			1,616				1,799			104	21	264
446+00	457+00		354			693				472			52	9	69
TOTALS		400				15,260			1,289	5,008			565		101
															953
															2,615
															1,711

SCHEDULE OF PAVEMENT MARKING, AND RELATED ITEMS												
78008210			78008230		78008240		78008250		78008270		78300100	
POLYUREA PM T1LN 4 FOOT			POLYUREA PM T1LN 6 FOOT		POLYUREA PM T1LN 8 FOOT		POLYUREA PM T1LN 12 FOOT		POLYUREA PM T1LN 24 FOOT		PAVT MARKING REMOVAL SQ FT	
WHITE			YELLOW		WHITE		WHITE		WHITE			
SOLID LINE	10' LINE 30' SPACE	2' LINE 6' SPACE	SOLID LINE	DOUBLE LINE	SOLID LINE	2' LINE 6' SPACE	SOLID LINE	SOLID LINE	CROSS WALK	SOLID LINE	SOLID LINE	
	270				286	197		92				2,170
	635	155			2,406	72			821		233	3,220
	515				501			71	665		127	1,291
439	465			830	1,086	12			759		124	2,230
	530			598	126				158	64	41	1,120
	485			387	131				96		20	1,230
135	480			262	431				764		128	1,740
285	540		289	1,096	251				299	53	75	510
250	490		138	339	141		1,178	191	1,262	13	276	2,110
	460		16	179			611	95	42			1,490
												81
												100
	440				726							390
205	370			75	736			26				2,100
												893
												470
												200
							71					380
							71					250
												142
												11,358
							7,244	1,881	5,379		1,024	22,117

SCHEDULE OF DRAINAGE STRUCTURE REMOVALS AND ADJUSTMENTS								
STATION		50104400	60250200	60255500	60260100	60500040	60500050	60500060
FROM	TO	CONC HDWL REM EACH	CB ADJUST EACH	MAN ADJUST EACH	INLETS ADJUST EACH	REMOV MANHOLES EACH	REMOV CATCH BAS EACH	REMOV INLETS EACH
WILLOW ROAD								
625+00	637+00		1	3		1	4	2
637+00	649+00			1		3	11	
649+00	661+00	1				3	12	2
661+00	672+00		3			2	11	1
672+00	683+00							1
683+00	693+00					1	1	1
693+00	704+00			1		7	5	5
704+00	716+00	2				2		
716+00	728+00		3	2	2	6	7	8
728+00	740+00		1		2		1	
WAUKEGAN ROAD								
493+00	505+00							
505+00	518+00		2			1	2	
518+00	530+50					1	2	
INTERSTATE 94								
413+00	424+00			2			2	
424+00	435+00		1	4		1	3	
435+00	446+00							
TOTALS		3	11	13	4	28	61	20

SCHEDULE OF DRAINAGE PIPE REMOVAL															
STATION		55100200	55100300	55100400	55100500	55100700	55100900	55101100	55101200	55101300	55101400	55101600	55101800	X0324752	X5015225
FROM	TO	STORM SEWER REM 6 FOOT	STORM SEWER REM 8 FOOT	STORM SEWER REM 10 FOOT	STORM SEWER REM 12 FOOT	STORM SEWER REM 15 FOOT	STORM SEWER REM 18 FOOT	STORM SEWER REM 21 FOOT	STORM SEWER REM 24 FOOT	STORM SEWER REM 27 FOOT	STORM SEWER REM 30 FOOT	STORM SEWER REM 36 FOOT	STORM SEWER REM 42 FOOT	STORM SEWER FILLED CU YD	PIPE CULVERT REM SPL FOOT
WILLOW ROAD															
625+00	637+00				35				7						
637+00	649+00				380			303			183			0.4	
649+00	661+00	6			73						10			0.9	6
661+00	672+00	6	75	16	114	91	458	5		72	10			0.1	
672+00	683+00		26	11	53	81	67								
683+00	693+00			14	140	82									
693+00	704+00		67	56	222	205	1				6	498			
704+00	716+00		89			665	182		494			1,015	71		
716+00	728+00	17	95	186	764		168		104			733			
728+00	740+00														
WAUKEGAN ROAD															
493+00	505+00														
505+00	518+00				250		4								
518+00	530+50				8		61								
INTERSTATE 94															
413+00	424+00				25									0.7	
424+00	435+00				6	359									
435+00	446+00														
TOTALS		29	352	283	2,070	1,483	941	308	605	72	209	2,246	71	2.1	6

SCHEDULE OF STORM SEWERS TO BE CLEANED											
STATION		X5537500	X5537700	X5537800	X5537900	X5538000	X5538100	X5538200	X5538300	X5538400	X5538900
FROM	TO	SS CLEANED 6 FOOT	SS CLEANED 10 FOOT	SS CLEANED 12 FOOT	SS CLEANED 15 FOOT	SS CLEANED 18 FOOT	SS CLEANED 21 FOOT	SS CLEANED 24 FOOT	SS CLEANED 27 FOOT	SS CLEANED 30 FOOT	SS CLEANED 54 FOOT
WILLOW ROAD											
625+00	637+00			374				722			
637+00	649+00			85			7	331			
649+00	661+00								316	1,593	
661+00	672+00			88			443			273	
672+00	683+00										
683+00	693+00										
693+00	704+00									4	
704+00	716+00										
716+00	728+00	40	32	55	149						
728+00	740+00			454		88					
WAUKEGAN ROAD											
493+00	505+00										
505+00	518+00			95		529					
518+00	530+50										
INTERSTATE 94											
413+00	424+00										393
424+00	435+00			24				147			975
435+00	446+00										
TOTALS		40	32	1,175	149	617	450	1,200	316	1,870	1,368

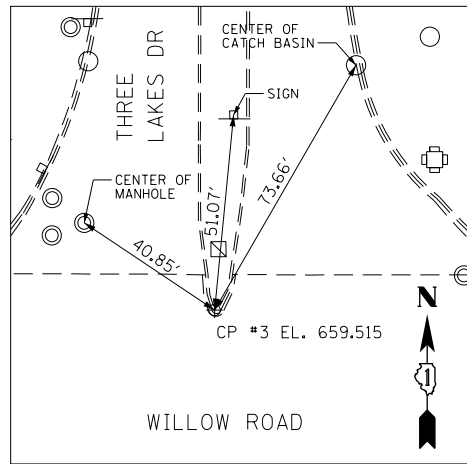
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G:\CH11\0158\Road\Sheets\0160T35-SHT-SCHED.dgn		DRAWN - MNB	REVISED -
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	PLOT DATE = 11/30/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

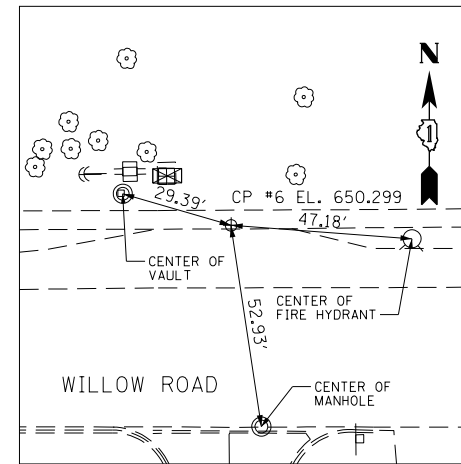
SCALE: N.T.S. SHEET NO. 50 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	50
CONTRACT NO. 60T35			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



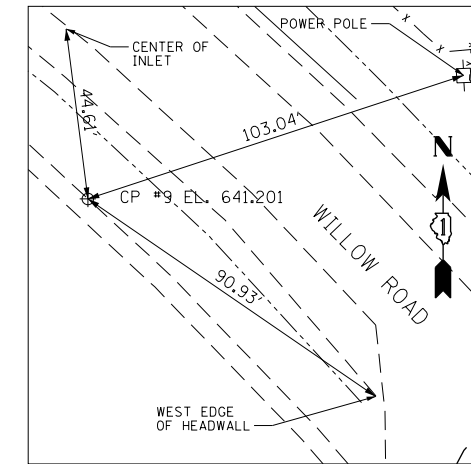
CONTROL POINT #3

CUT "X" AT SOUTHERN END OF ISLAND ON NORTH SIDE WILLOW RD INTERSECTION WITH THREE LAKES DR AND FOX MEADOW DR.
 STA 653+08.2056 60.7085' LT
 N 1,918,498.1390 E 1,130,416.0060



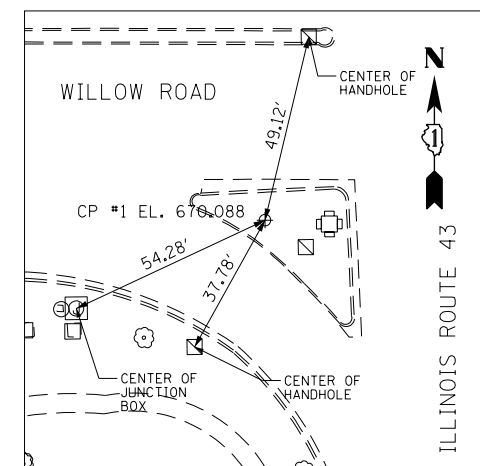
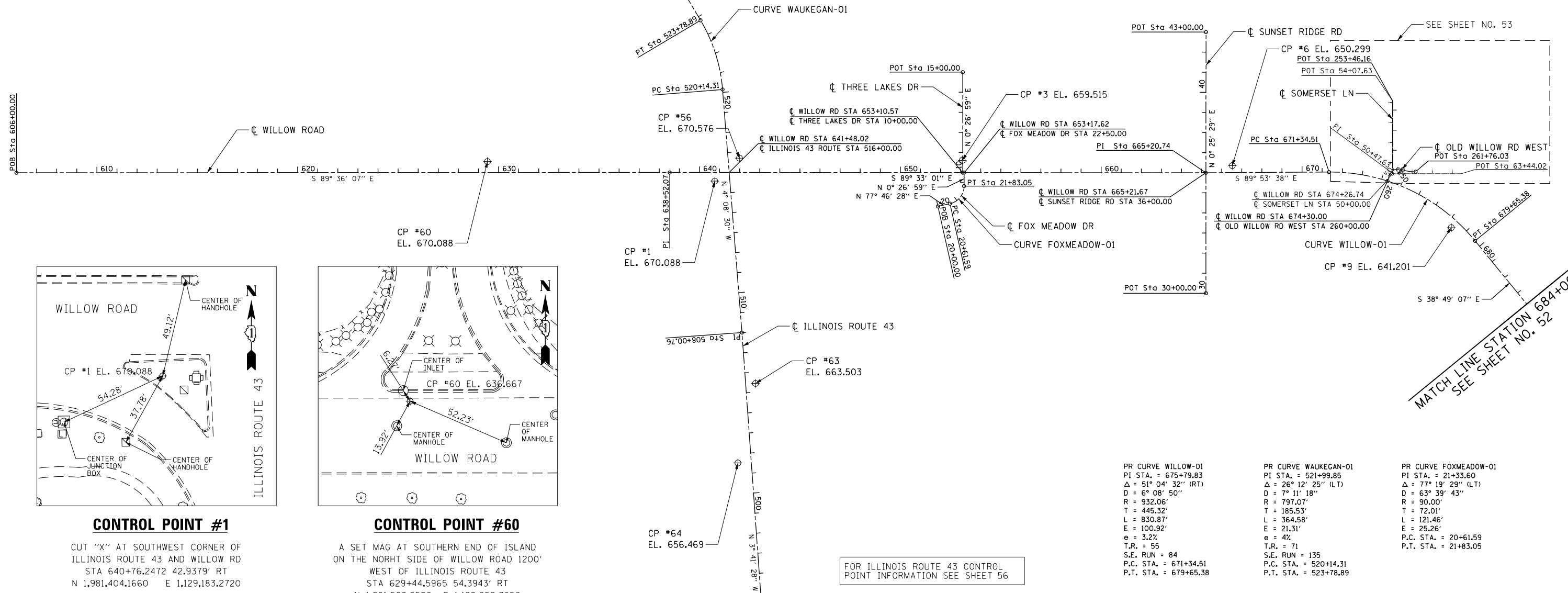
CONTROL POINT #6

CUT "X" AT NORTH SIDE OF WILLOW RD ± 100' EAST OF SUNSET RIDGE RD IN LINE WITH CL OF ENTRANCE TO SHELL
 STA 666+52.8696 34.6538' LT
 N 1,981,462.3240 E 1,131,760.2200



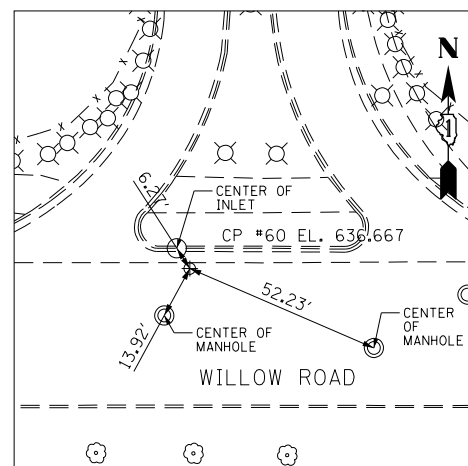
CONTROL POINT #9

CUT "X" ± 120' NORTHERLY OF CL TO BRACKEN LN ON EAST EDGE OF SIDEWALK (WEST SIDE WILLOW RD).
 STA 678+33.0350 41.3837' RT
 N 1,981,145.6310 E 1,132,848.0310



CONTROL POINT #1

CUT "X" AT SOUTHWEST CORNER OF ILLINOIS ROUTE 43 AND WILLOW RD
 STA 640+76.2472 42.9379' RT
 N 1,981,404.1660 E 1,129,183.2720



CONTROL POINT #60

A SET MAG AT SOUTHERN END OF ISLAND ON THE NORTH SIDE OF WILLOW ROAD 1200' WEST OF ILLINOIS ROUTE 43
 STA 629+44.5965 54.3943' RT
 N 1,981,509.5590 E 1,128,052.3650

FOR ILLINOIS ROUTE 43 CONTROL POINT INFORMATION SEE SHEET 56

PR CURVE WILLOW-01 PI STA. = 675+79.83 Δ = 51° 04' 32" (RT) D = 6° 08' 50" R = 932.06' T = 445.32' L = 830.87' E = 100.92' e = 3.2% T.R. = 55 S.E. RUN = 84 P.C. STA. = 671+34.51 P.T. STA. = 679+65.38	PR CURVE WAUKEGAN-01 PI STA. = 521+99.85 Δ = 26° 12' 25" (LT) D = 7° 11' 18" R = 797.07' T = 185.53' L = 364.58' E = 21.31' e = 4% T.R. = 71 S.E. RUN = 135 P.C. STA. = 520+14.31 P.T. STA. = 523+78.89	PR CURVE FOXMEADOW-01 PI STA. = 21+33.60 Δ = 77° 19' 29" (LT) D = 63° 39' 43" R = 90.00' T = 72.01' L = 121.46' E = 25.26' P.C. STA. = 20+61.59 P.T. STA. = 21+83.05
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MATCH LINE STATION 684+00
SEE SHEET NO. 52

FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
g:\ch11\0158\road\Sheets\0160T35-SHT-AT1.dgn		DRAWN - KAL	REVISED -
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PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

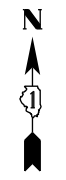
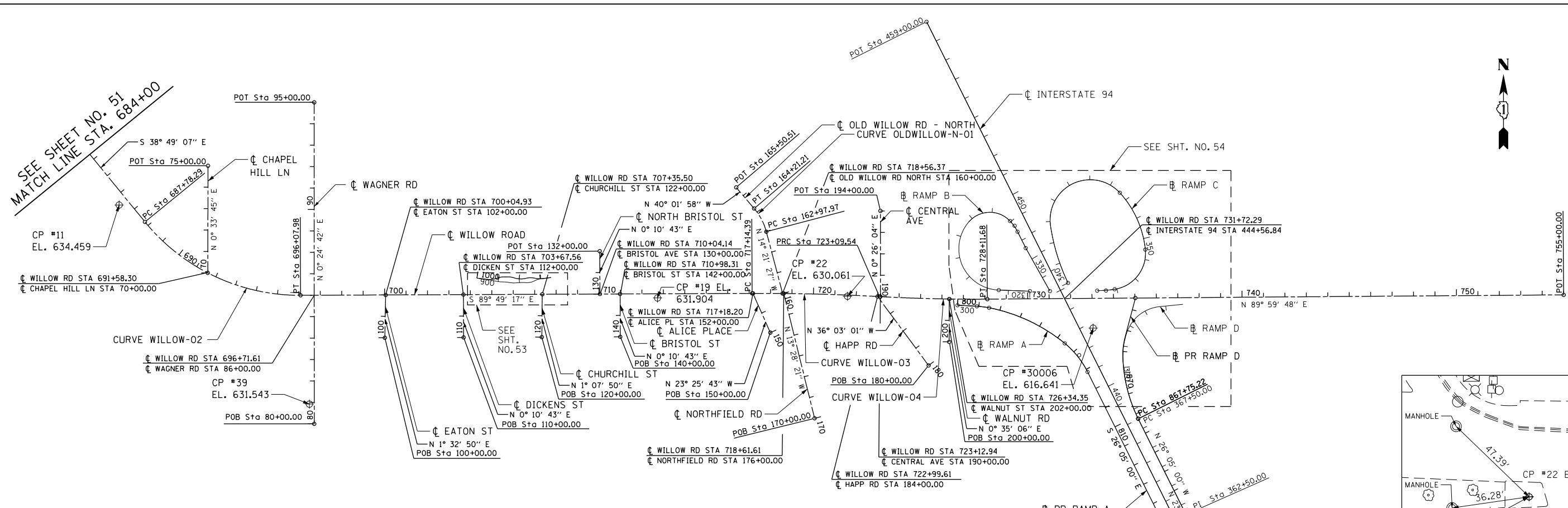
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 250' SHEET NO. 51 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	51
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

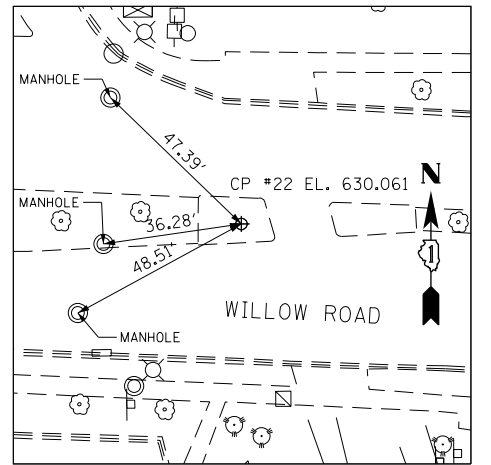
SEE SHEET NO. 51
MATCH LINE STA. 684+00



PR CURVE WILLOW-02 PI STA. = 692+22.89 Δ = 51° 00' 10" (LT) D = 6° 08' 50" R = 932.06' T = 444.60' L = 829.69' E = 100.61' e = 3.2% T.R. = 55 S.E. RUN = 84 P.C. STA. = 687+78.29 P.T. STA. = 696+07.98	PR CURVE WILLOW-03 PI STA. = 720+12.05 Δ = 3° 22' 14" (RT) D = 0° 33' 59" R = 10,117.00' T = 297.66' L = 595.14' E = 4.38' e = NC P.C. STA. = 717+14.39 P.T. STA. = 723+09.54	PR CURVE WILLOW-04 PI STA. = 725+60.69 Δ = 3° 33' 09" (LT) D = 0° 42' 27" R = 8,098.70' T = 251.15' L = 502.15' E = 3.89' e = NC P.C. STA. = 723+09.54 P.T. STA. = 728+11.68	PR CURVE OLDWILLOW-N-01 PI STA. = 163+60.64 Δ = 25° 40' 31" (LT) D = 20° 50' 05" R = 275.00' T = 62.67' L = 123.23' E = 7.05' P.C. STA. = 162+97.97 P.T. STA. = 164+21.21
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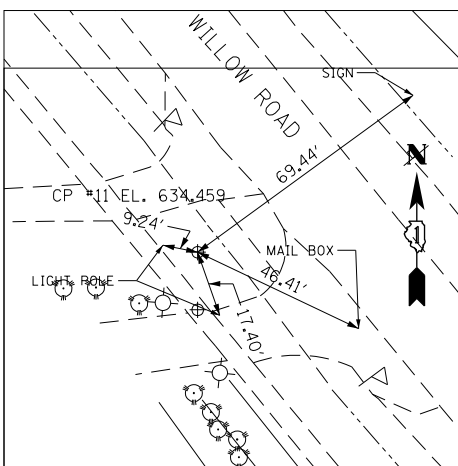
BENCHMARK 1U

ELEV. 633.16
CUT "X" IN SOUTH EAST CORNER OF HANDRAIL (S.W. LEVEL) AT NORTH EAST CORNER OF WILLOW RD BRIDGE OVER MIDDLE FORK OF NORTH CHICAGO RIVER



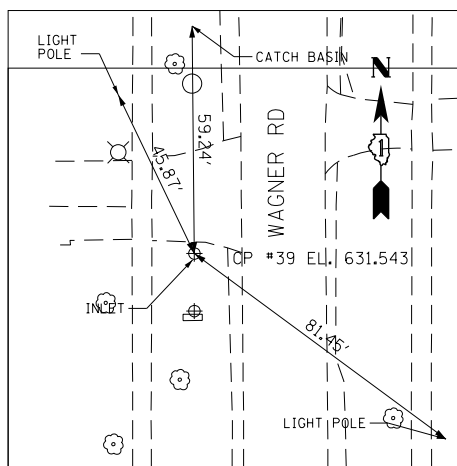
CONTROL POINT #22

CUT "X" ± 8' WEST OF EAST EDGE OF ISLAND IN FRONT OF WALGREENS ± 150' WEST OF CENTRAL AVE AND HAPP RD.
STA 721+59.3890 5,5317' RT
N 1,980,074.561 E 1,136,750.1040



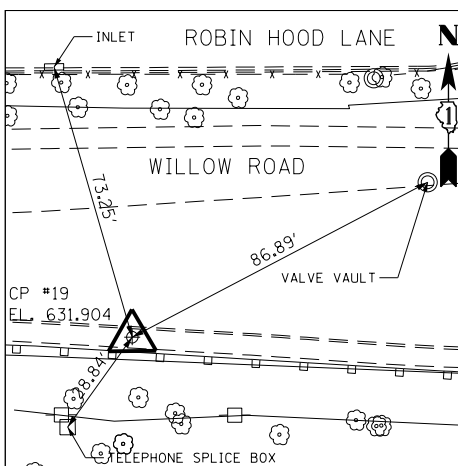
CONTROL POINT #11

CUT "X" IN C of SIDEWALK JUST NORTH OF DRIVEWAY TO 2158 WILLOW ROAD
STA 686+40.9984 43,5751' RT
N 1,980,525.2720 E 1,133,355.8340



CONTROL POINT #39

CUT "X" ON CONCRETE BARREL FOR CATCH BASIN LOCATED IN FRONT OF RES. AT 320 WAGNER RD (SOUTH OF WILLOW RD).
STA 696+46.8673 507,8377' RT
N 1,979,589.8810 E 1,134,236.4450



CONTROL POINT #19

CUT "X" +/- 2' SOUTH OF SOUTH BACK OF CURB TO WILLOW ROAD & +/- 175' E OF C of BRISTOL STREET
STA 712+72.9967 19,3993' RT
N 1,980,073.2390 E 1,135,864.0900



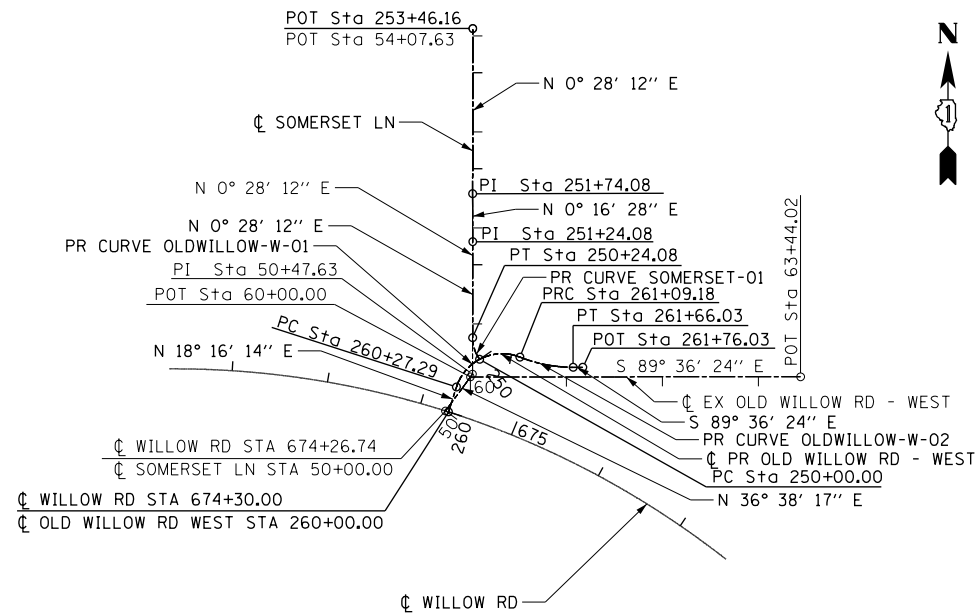
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 250' SHEET NO. 52 OF 919 SHEETS

FOR INTERSTATE 94 CONTROL POINT INFORMATION SEE SHEET 56

FILE NAME = g:\ch11\0158\road\Sheets\0160T35-SHT-AT82.dgn	USER NAME = BAW\ort	DESIGNED -	REVISED -	<table border="1"> <tr> <td>F.A.P. RTE.</td> <td>SECTION</td> <td>COUNTY</td> <td>TOTAL SHEETS</td> <td>SHEET NO.</td> </tr> <tr> <td>305</td> <td>(1920.01,1518,2022&1922,4BIR</td> <td>COOK</td> <td>919</td> <td>52</td> </tr> <tr> <td colspan="5">CONTRACT NO. 60T35</td> </tr> <tr> <td colspan="5">FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	305	(1920.01,1518,2022&1922,4BIR	COOK	919	52	CONTRACT NO. 60T35					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS		SHEET NO.																			
305	(1920.01,1518,2022&1922,4BIR	COOK	919		52																			
CONTRACT NO. 60T35																								
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT																								
PLOT SCALE = 500.000' / in.	CHECKED -	REVISED -	REVISED -																					
PLOT DATE = 11/1/2012	DATE = 10/31/2012	REVISED -	REVISED -																					

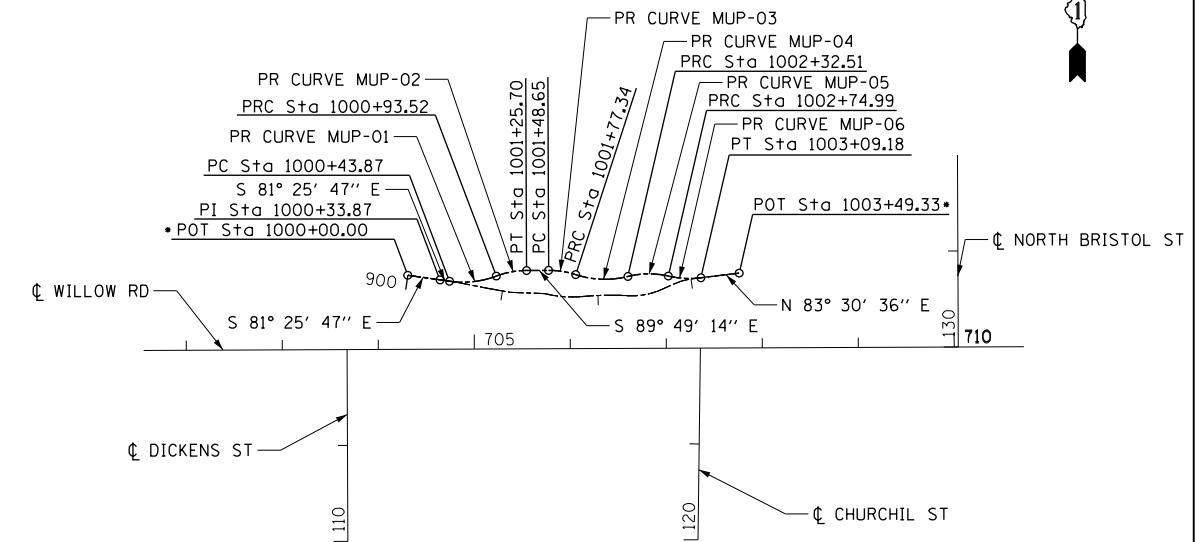


SOMERSET LN AND OLD WILLOW RD DETAIL

PR CURVE OLDWILLOW-W-01
 PI STA. = 260+80.75
 $\Delta = 93^\circ 50' 24''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 53.47'$
 $L = 81.89'$
 $E = 23.20'$
 P.R.C. STA. = 260+27.29
 P.T. STA. = 261+09.18

PR CURVE OLDWILLOW-W-02
 PI STA. = 261+37.95
 $\Delta = 21^\circ 43' 02''$ (LT)
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 28.77'$
 $L = 56.86'$
 $E = 2.73'$
 P.R.C. STA. = 261+09.18
 P.T. STA. = 261+66.03

PR CURVE SOMERSET-01
 PI STA. = 250+12.44
 $\Delta = 35^\circ 22' 54''$ (RT)
 $D = 146^\circ 54' 44''$
 $R = 39.00'$
 $T = 12.44'$
 $L = 24.08'$
 $E = 1.94'$
 P.C. STA. = 250+00.00
 P.T. STA. = 250+24.08



MULTI-USE PATH DETAIL

• STA 1000+00.00, 0.0' RT MUP
 = STA 704+31.08, 77.0' LT WILLOW ROAD
 STA 1003+49.33, 0.0' RT MUP
 = STA 707+76.32, 77.8' LT WILLOW ROAD

PR CURVE MUP-WILLOW-01 PI STA. = 1000+69.23 $\Delta = 28^\circ 52' 44''$ (LT) $D = 58^\circ 10' 06''$ $R = 98.50'$ $T = 25.36'$ $L = 49.65'$ $E = 3.21'$ P.C. STA. = 1000+43.87 P.T. STA. = 1000+93.52	PR CURVE MUP-WILLOW-02 PI STA. = 1001+09.78 $\Delta = 20^\circ 29' 17''$ (RT) $D = 63^\circ 39' 43''$ $R = 90.00'$ $T = 16.26'$ $L = 32.18'$ $E = 1.46'$ P.C. STA. = 1000+93.52 P.T. STA. = 1001+25.70	PR CURVE MUP-WILLOW-03 PI STA. = 1001+63.12 $\Delta = 18^\circ 15' 56''$ (RT) $D = 63^\circ 39' 43''$ $R = 90.00'$ $T = 14.47'$ $L = 28.69'$ $E = 1.16'$ P.C. STA. = 1001+48.65 P.T. STA. = 1001+77.34	PR CURVE MUP-WILLOW-04 PI STA. = 1002+05.67 $\Delta = 32^\circ 05' 26''$ (LT) $D = 58^\circ 10' 06''$ $R = 98.50'$ $T = 28.33'$ $L = 55.17'$ $E = 3.99'$ P.C. STA. = 1001+77.34 P.T. STA. = 1002+32.51	PR CURVE MUP-WILLOW-05 PI STA. = 1002+54.15 $\Delta = 27^\circ 02' 40''$ (RT) $D = 63^\circ 39' 43''$ $R = 90.00'$ $T = 21.64'$ $L = 42.48'$ $E = 2.57'$ P.C. STA. = 1002+32.51 P.T. STA. = 1002+74.99	PR CURVE MUP-WILLOW-06 PI STA. = 1002+92.26 $\Delta = 19^\circ 53' 19''$ (LT) $D = 58^\circ 10' 06''$ $R = 98.50'$ $T = 17.27'$ $L = 34.19'$ $E = 1.50'$ P.C. STA. = 1002+74.99 P.T. STA. = 1003+09.18
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FILE NAME =	USER NAME = BAW:ort	DESIGNED -	REVISED -
g:\ch11\0158\road\Sheets\0160T35-SHT-AT3.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

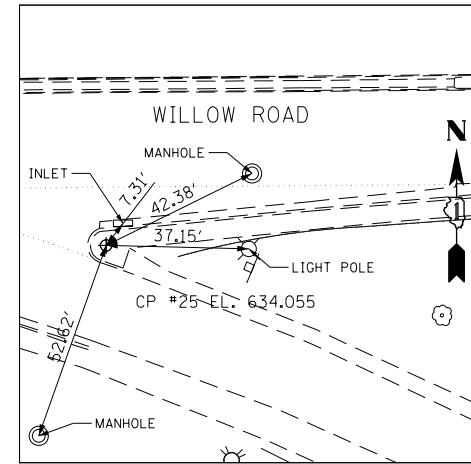
SCALE: 1" = 100' SHEET NO. 53 OF 919 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	53
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EX CURVE RAMP A-01
 PI STA. = 301+19.22
 $\Delta = 8^\circ 00' 01''$ (RT)
 D = 14° 00' 31"
 R = 409.00'
 T = 28.60'
 L = 57.11'
 E = 1.00'
 P.C. STA. = 300+90.62
 P.T. STA. = 301+47.73

EX CURVE RAMP A-02
 PI STA. = 303+49.02
 $\Delta = 28^\circ 19' 07''$ (RT)
 D = 7° 10' 52"
 R = 797.87'
 T = 201.29'
 L = 394.35'
 E = 25.00'
 P.C. STA. = 301+47.73
 P.T. STA. = 305+42.08

EX CURVE RAMP A-03
 PI STA. = 306+29.16
 $\Delta = 24^\circ 02' 20''$ (RT)
 D = 14° 00' 31"
 R = 409.00'
 T = 87.08'
 L = 171.60'
 E = 9.17'
 P.C. STA. = 305+42.08
 P.T. STA. = 307+13.68



CONTROL POINT #25

CUT "X" AT SOUTHWEST CORNER OF BRIDGE OVER I-94 AT WESTERLY END OF SIDEWALK NEAR EASTBOUND WILLOW RD TO SOUTHBOUND I-94.
 STA 729+26.8623 43.7139' RT
 N 1,980,012.6630 E 1,137,517.2950

EX CURVE RAMP B-01
 PI STA. = 325+39.43
 $\Delta = 127^\circ 52' 43''$ (RT)
 D = 29° 42' 42"
 R = 192.84'
 T = 394.32'
 L = 430.40'
 E = 246.11'
 P.C. STA. = 321+45.11
 P.T. STA. = 325+75.51

EX CURVE RAMP B-02
 PI STA. = 327+21.91
 $\Delta = 96^\circ 47' 25''$ (RT)
 D = 44° 04' 25"
 R = 130.00'
 T = 146.40'
 L = 219.61'
 E = 65.79'
 P.C. STA. = 325+75.51
 P.T. STA. = 327+95.12

EX CURVE RAMP B-03
 PI STA. = 328+26.04
 $\Delta = 16^\circ 52' 50''$ (RT)
 D = 27° 29' 59"
 R = 208.35'
 T = 30.92'
 L = 61.38'
 E = 2.28'
 P.C. STA. = 327+95.12
 P.T. STA. = 328+56.50

EX CURVE RAMP C-01
 PI STA. = 341+41.43
 $\Delta = 17^\circ 24' 08''$ (RT)
 D = 6° 12' 00"
 R = 924.12'
 T = 141.43'
 L = 280.68'
 E = 10.76'
 P.C. STA. = 340+00.00
 P.T. STA. = 342+80.68

EX CURVE RAMP C-02
 PI STA. = 348+87.20
 $\Delta = 145^\circ 40' 51''$ (RT)
 D = 30° 35' 37"
 R = 187.28'
 T = 606.52'
 L = 476.18'
 E = 447.49'
 P.C. STA. = 342+80.68
 P.T. STA. = 347+56.86

EX CURVE RAMP C-03
 PI STA. = 349+10.12
 $\Delta = 36^\circ 51' 09''$ (RT)
 D = 12° 27' 20"
 R = 460.00'
 T = 153.26'
 L = 295.87'
 E = 24.86'
 P.C. STA. = 347+56.86
 P.T. STA. = 350+52.73

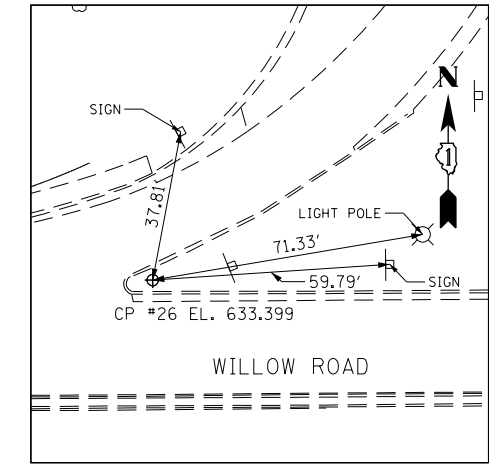
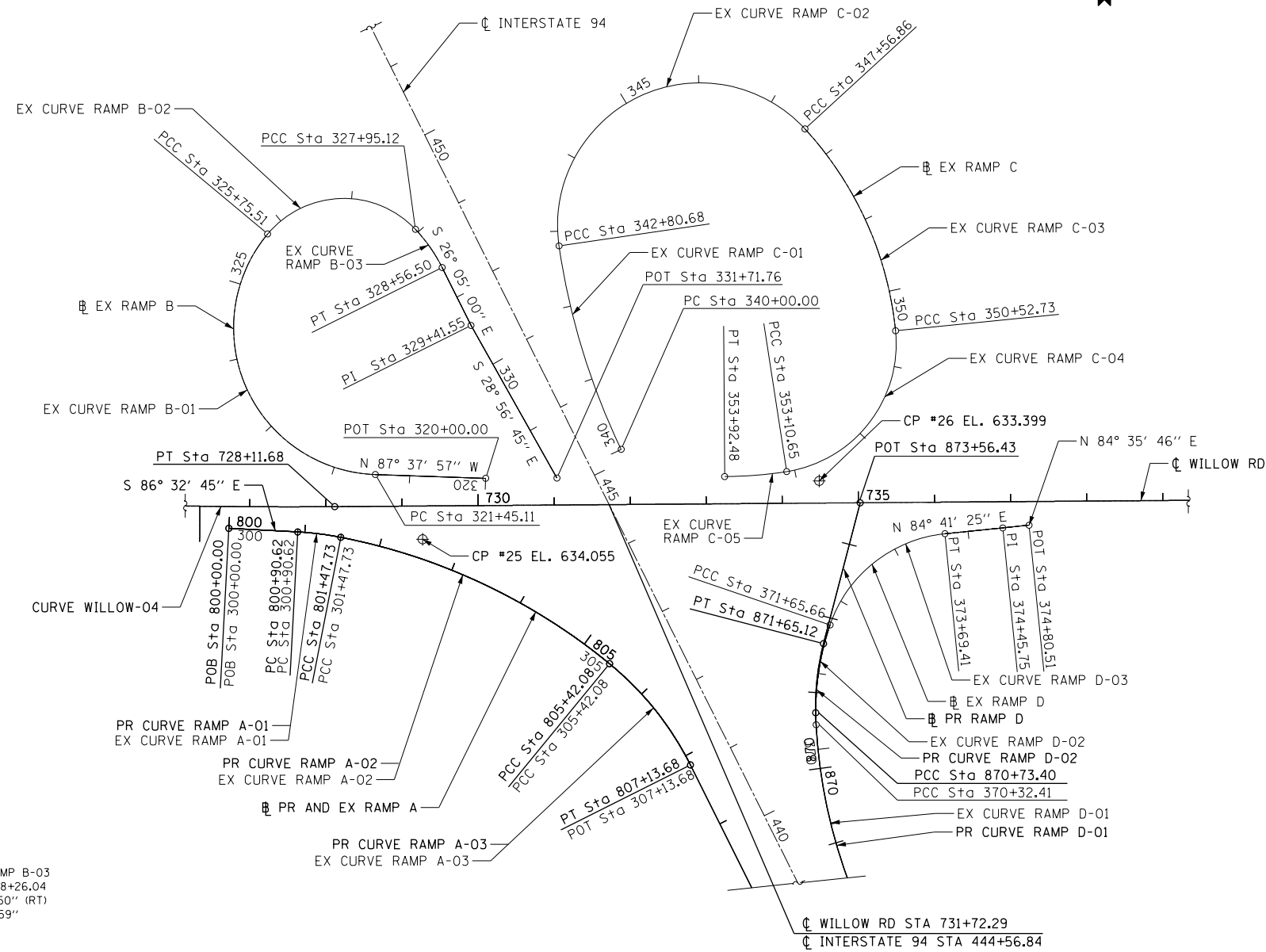
EX CURVE RAMP C-04
 PI STA. = 352+13.85
 $\Delta = 86^\circ 55' 40''$ (RT)
 D = 33° 42' 12"
 R = 170.00'
 T = 161.12'
 L = 257.92'
 E = 64.22'
 P.C. STA. = 350+52.73
 P.T. STA. = 353+10.65

EX CURVE RAMP C-05
 PI STA. = 353+51.64
 $\Delta = 8^\circ 23' 13''$ (RT)
 D = 10° 14' 57"
 R = 559.03'
 T = 40.99'
 L = 81.83'
 E = 1.50'
 P.C. STA. = 353+10.65
 P.T. STA. = 353+92.48

PR CURVE RAMP A-01
 PI STA. = 801+19.22
 $\Delta = 8^\circ 00' 01''$ (RT)
 D = 14° 00' 31"
 R = 409.00'
 T = 28.60'
 L = 57.11'
 E = 1.00'
 P.C. STA. = 800+90.62
 P.T. STA. = 801+47.73

PR CURVE RAMP A-02
 PI STA. = 803+49.02
 $\Delta = 28^\circ 19' 07''$ (RT)
 D = 7° 10' 52"
 R = 797.87'
 T = 201.29'
 L = 394.35'
 E = 25.00'
 P.C. STA. = 801+47.73
 P.T. STA. = 805+42.08

PR CURVE RAMP A-03
 PI STA. = 806+29.16
 $\Delta = 24^\circ 02' 20''$ (RT)
 D = 14° 00' 31"
 R = 409.00'
 T = 87.08'
 L = 171.60'
 E = 9.17'
 P.C. STA. = 805+42.08
 P.T. STA. = 807+13.68



CONTROL POINT #26

CUT "X" ON SIDEWALK NORTH SIDE WILLOW RD END OF OFF RAMP FROM I-94 NORTHBOUND TO WILLOW RD WESTBOUND ± 20' WEST OF SIGN "DO NOT ENTER"
 STA 734+48.6665 29.1489' LT
 N 1,980,085.5560 E 1,138,039.0950

PR CURVE RAMP D-01
 PI STA. = 869+26.67
 $\Delta = 24^\circ 43' 28''$ (RT)
 D = 8° 17' 30"
 R = 691.00'
 T = 151.45'
 L = 298.18'
 E = 16.40'
 e = 6.00%
 T.R. = SEE SHEET NO. 271
 S.E. RUN = SEE SHEET NO. 271
 P.C. STA. = 867+75.22
 P.T. STA. = 870+73.40

PR CURVE RAMP D-02
 PI STA. = 871+19.57
 $\Delta = 16^\circ 14' 57''$ (RT)
 D = 17° 43' 03"
 R = 323.38'
 T = 46.17'
 L = 91.71'
 E = 3.28'
 e = 6.00%
 T.R. = SEE SHEET NO. 271
 S.E. RUN = SEE SHEET NO. 271
 P.C. STA. = 870+73.40
 P.T. STA. = 871+65.12

EX CURVE RAMP D-01
 PI STA. = 368+93.21
 $\Delta = 23^\circ 25' 00''$ (RT)
 D = 8° 17' 30"
 R = 691.00'
 T = 143.20'
 L = 282.41'
 E = 14.68'
 P.C. STA. = 367+50.00
 P.T. STA. = 370+32.41

EX CURVE RAMP D-02
 PI STA. = 370+99.85
 $\Delta = 21^\circ 48' 48''$ (RT)
 D = 16° 22' 13"
 R = 350.00'
 T = 67.44'
 L = 133.25'
 E = 6.44'
 P.C. STA. = 370+32.41
 P.T. STA. = 371+65.66

EX CURVE RAMP D-03
 PI STA. = 372+80.27
 $\Delta = 65^\circ 26' 14''$ (RT)
 D = 32° 06' 59"
 R = 178.40'
 T = 114.61'
 L = 203.75'
 E = 33.64'
 P.C. STA. = 371+65.66
 P.T. STA. = 373+69.41

FILE NAME =	USER NAME = BAW\rtort	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\0160T35-SHT-ATB4.dgn		DRAWN -	REVISED -			305	(1920.01,1518,2022&1922,4BIR	COOK	919	54	
		CHECKED -	REVISED -			CONTRACT NO. 60T35					
		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

ALIGNMENT COORDINATES - WILLOW ROAD			
	STATION	N	E
POB	606+00.00	1, 981, 471.45	1, 125, 707.45
PI	638+52.07	1, 981, 448.86	1, 128, 959.44
PI	665+20.74	1, 981, 427.91	1, 131, 628.03
PC	671+34.51	1, 981, 426.78	1, 132, 241.79
PT	679+65.38	1, 981, 078.99	1, 132, 966.27
PC	687+78.29	1, 980, 445.62	1, 133, 475.85
PT	696+07.98	1, 980, 097.83	1, 134, 199.14
PC	717+14.39	1, 980, 091.26	1, 136, 305.54
PRC	723+09.54	1, 980, 071.90	1, 136, 900.29
PT	728+11.68	1, 980, 056.37	1, 137, 402.11
POT	755+00.00	1, 980, 056.53	1, 140, 090.43

ALIGNMENT COORDINATES - ILLINOIS ROUTE 43			
	STATION	N	E
POB	485+00.00	1, 978, 353.40	1, 129, 461.22
PI	508+00.76	1, 980, 649.39	1, 129, 313.10
PC	520+14.31	1, 981, 859.77	1, 129, 225.45
PT	523+78.89	1, 982, 204.93	1, 129, 118.31
POT	545+00.00	1, 984, 035.38	1, 128, 046.60

ALIGNMENT COORDINATES - FOX MEADOW DR			
	STATION	N	E
POB	20+00.00	1, 981, 270.12	1, 130, 293.28
PC	20+61.59	1, 981, 283.16	1, 130, 353.48
PT	21+83.05	1, 981, 370.41	1, 130, 424.41
POT	22+50.00	1, 981, 437.36	1, 130, 424.94

ALIGNMENT COORDINATES - SOMERSET LN EXISTING			
	STATION	N	E
POB	50+00.00	1, 981, 380.81	1, 132, 529.18
PI	50+47.63	1, 981, 419.03	1, 132, 557.60
POT	54+07.63	1, 981, 779.02	1, 132, 560.55

ALIGNMENT COORDINATES - THREE LAKES DR			
	STATION	N	E
POB	10+00.00	1, 981, 437.41	1, 130, 417.90
POT	15+00.00	1, 981, 937.40	1, 130, 421.82

ALIGNMENT COORDINATES - SUNSET RIDGE RD			
	STATION	N	E
POB	30+00.00	1, 980, 827.93	1, 131, 624.51
POT	43+00.00	1, 982, 127.89	1, 131, 634.14

ALIGNMENT COORDINATES - OLD WILLOW RD-WEST EX			
	STATION	N	E
POB	60+00.00	1, 981, 416.06	1, 132, 555.39
POT	63+44.02	1, 981, 413.70	1, 132, 899.40

ALIGNMENT COORDINATES - CHAPEL HILL LN			
	STATION	N	E
POB	70+00.00	1, 980, 205.57	1, 133, 767.04
POT	75+00.00	1, 980, 705.54	1, 133, 771.95

ALIGNMENT COORDINATES - EATON ST			
	STATION	N	E
POB	100+00.00	1, 979, 896.66	1, 134, 590.69
POT	102+00.00	1, 980, 096.59	1, 134, 596.09

ALIGNMENT COORDINATES - CHURCHILL ST			
	STATION	N	E
POB	120+00.00	1, 979, 894.35	1, 135, 322.71
POT	122+00.00	1, 980, 094.31	1, 135, 326.65

ALIGNMENT COORDINATES - BRISTOL ST			
	STATION	N	E
POB	140+00.00	1, 979, 893.18	1, 135, 688.84
POT	142+00.00	1, 980, 093.18	1, 135, 689.47

ALIGNMENT COORDINATES - WAGNER ROAD			
	STATION	N	E
POB	80+00.00	1, 979, 497.65	1, 134, 258.47
POT	95+00.00	1, 980, 997.61	1, 134, 269.24

ALIGNMENT COORDINATES - DICKENS ST			
	STATION	N	E
POB	110+00.00	1, 979, 895.46	1, 134, 958.10
POT	112+00.00	1, 980, 095.46	1, 134, 958.72

ALIGNMENT COORDINATES - NORTH BRISTOL ST			
	STATION	N	E
POB	130+00.00	1, 980, 093.47	1, 135, 595.29
POT	132+00.00	1, 980, 293.47	1, 135, 595.92

ALIGNMENT COORDINATES - ALICE PL			
	STATION	N	E
POB	150+00.00	1, 979, 907.73	1, 136, 388.87
POT	152+00.00	1, 980, 091.25	1, 136, 309.35

ALIGNMENT COORDINATES - OLD WILLOW RD - NORTH			
	STATION	N	E
POB	160+00.00	1, 980, 089.82	1, 136, 447.52
PC	162+97.97	1, 980, 378.49	1, 136, 373.63
PT	164+21.21	1, 980, 487.18	1, 136, 317.78
POT	165+50.51	1, 980, 586.19	1, 136, 234.61

ALIGNMENT COORDINATES - HAPP RD			
	STATION	N	E
POB	180+00.00	1, 979, 749.11	1, 137, 125.78
POT	184+00.00	1, 980, 072.51	1, 136, 890.38

ALIGNMENT COORDINATES - WALNUT ST			
	STATION	N	E
POB	200+00.00	1, 979, 858.31	1, 137, 222.75
POT	202+00.00	1, 980, 058.30	1, 137, 224.80

ALIGNMENT COORDINATES - I-94 RAMP A EXISTING			
	STATION	N	E
POB	300+00.00	1, 980, 028.93	1, 137, 262.75
PC	300+90.62	1, 980, 023.47	1, 137, 353.21
PCC	301+47.73	1, 980, 016.06	1, 137, 409.79
PCC	305+42.08	1, 979, 847.31	1, 137, 761.78
PT/POT	307+13.68	1, 979, 713.46	1, 137, 867.14

ALIGNMENT COORDINATES - NORTHFIELD RD			
	STATION	N	E
POB	170+00.00	1, 979, 506.24	1, 136, 592.55
POT	176+00.00	1, 980, 089.73	1, 136, 452.76

ALIGNMENT COORDINATES - CENTRAL AVE			
	STATION	N	E
POB	190+00.00	1, 980, 071.69	1, 136, 903.69
POT	194+00.00	1, 980, 471.68	1, 136, 906.72

ALIGNMENT COORDINATES - INTERSTATE 94 (EX)			
	STATION	N	E
POB	400+00.00	1, 976, 053.45	1, 139, 722.30
POT	459+00.00	1, 981, 352.57	1, 137, 128.20

ALIGNMENT COORDINATES - OLD WILLOW RD-WEST PR			
	STATION	N	E
POB	260+00.00	1, 981, 379.79	1, 132, 532.27
PC	260+27.29	1, 981, 405.70	1, 132, 540.83
PRC	261+09.18	1, 981, 436.35	1, 132, 607.13
PT	261+66.03	1, 981, 425.32	1, 132, 662.56
POT	261+76.03	1, 981, 425.25	1, 132, 672.56

ALIGNMENT COORDINATES - I-94 RAMP B EXISTING			
	STATION	N	E
POB	320+00.00	1, 980, 092.20	1, 137, 600.79
PC	321+45.11	1, 980, 098.19	1, 137, 455.80
PCC	325+75.51	1, 980, 415.46	1, 137, 316.58
PCC	327+95.12	1, 980, 420.07	1, 137, 510.94
PT	328+56.50	1, 980, 369.68	1, 137, 545.60
PI	329+41.55	1, 980, 293.29	1, 137, 582.99
POT	331+71.76	1, 980, 091.84	1, 137, 694.41

ALIGNMENT COORDINATES - I-94 RAMP C EXISTING			
	STATION	N	E
POB/PC	340+00.00	1, 980, 128.95	1, 137, 779.11
PCC	342+80.68	1, 980, 396.97	1, 137, 699.46
PCC	347+56.86	1, 980, 548.27	1, 138, 023.79
PCC	350+52.73	1, 980, 282.09	1, 138, 140.87
PCC	353+10.65	1, 980, 098.16	1, 137, 996.41
PT/POT	353+92.48	1, 980, 092.18	1, 137, 914.87

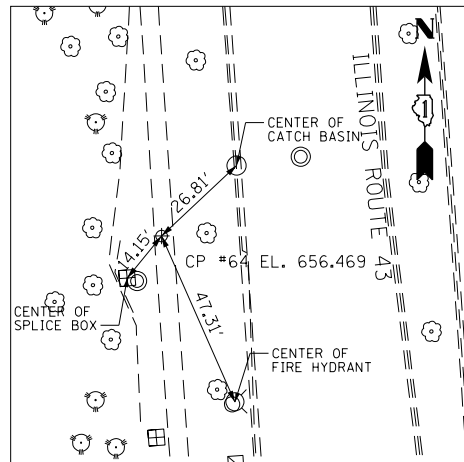
ALIGNMENT COORDINATES - I-94 RAMP D EXISTING			
	STATION	N	E
POB	360+00.00	1, 978, 815.07	1, 138, 421.61
PI	362+50.00	1, 979, 044.23	1, 138, 321.68
PC	367+50.00	1, 979, 493.30	1, 138, 101.84
PCC	370+32.41	1, 979, 765.10	1, 138, 032.72
PCC	371+65.66	1, 979, 896.14	1, 138, 051.94
PT	373+69.41	1, 980, 014.95	1, 138, 203.86
PI	374+45.75	1, 980, 022.02	1, 138, 279.87
POT	374+80.51	1, 980, 025.29	1, 138, 314.47

ALIGNMENT COORDINATES - MUP WILLOW			
	STATION	N	E
POB	1000+00.00	1, 980, 172.29	1, 135, 022.48
POT	1000+33.87	1, 980, 167.24	1, 135, 055.97
PC	1000+43.87	1, 980, 165.75	1, 135, 065.86
PRC	1000+93.52	1, 980, 170.78	1, 135, 114.72
PC	1001+25.70	1, 980, 176.37	1, 135, 146.24
PRC	1001+48.65	1, 980, 176.30	1, 135, 169.19
PRC	1001+77.34	1, 980, 171.68	1, 135, 197.38
PRC	1002+32.51	1, 980, 169.40	1, 135, 251.78
PRC	1002+74.99	1, 980, 169.49	1, 135, 293.87
PT	1003+09.18	1, 980, 167.44	1, 135, 327.83
POT	1003+19.18	1, 980, 168.57	1, 135, 337.77
POT	1003+49.33	1, 980, 171.98	1, 135, 367.72

ALIGNMENT COORDINATES - I-94 RAMP A PROPOSED			
	STATION	N	E
POB	800+00.00	1, 980, 028.93	1, 137, 262.75
PC	800+90.62	1, 980, 023.47	1, 137, 353.21
PCC	801+47.73	1, 980, 016.06	1, 137, 409.79
PCC	805+42.08	1, 979, 847.31	1, 137, 761.78
PT	807+13.68	1, 979, 713.46	1, 137, 867.14
PI	817+13.68	1, 978, 815.31	1, 138, 306.81
POT	822+63.79	1, 978, 326.16	1, 138, 558.52

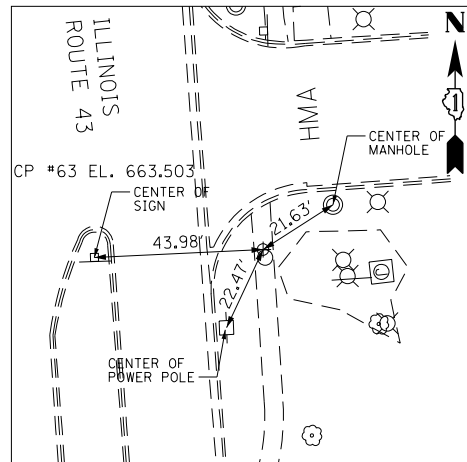
ALIGNMENT COORDINATES - I-94 RAMP D PROPOSED			
	STATION	N	E
POB	850+00.00	1, 977, 894.24	1, 138, 872.39
PI	852+75.22	1, 978, 146.07	1, 138, 761.36
PC	867+75.22	1, 979, 493.30	1, 138, 101.84
PCC	870+73.40	1, 979, 780.86	1, 138, 032.19
PT	871+65.12	1, 979, 871.61	1, 138, 043.13
POT	873+56.43	1, 980, 056.41	1, 138, 092.63

ALIGNMENT COORDINATES - SOMERSET LN PROPOSED			
	STATION	N	E
POB/PC	250+00.00	1, 981, 434.31	1, 132, 565.10
PT	250+24.08	1, 981, 456.95	1, 132, 558.08
PI	251+24.08	1, 981, 556.95	1, 132, 558.90
PI	251+74.08	1, 981, 606.95	1, 132, 559.14
POT	253+46.16	1, 981, 779.02	1, 132, 560.55



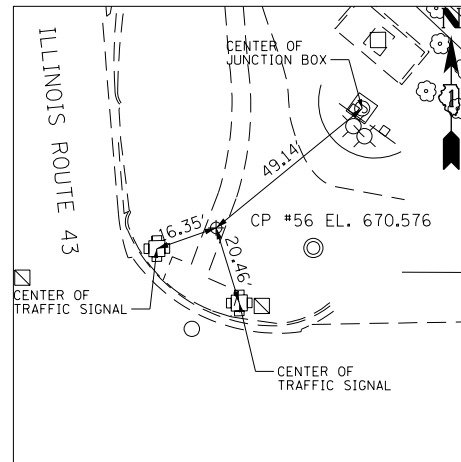
CONTROL POINT #64

CUT "X" AT WEST SIDE OF ILLINOIS ROUTE 43
 ± 350' NORTH OF WESTLEIGH DRIVE
 STA 501+55.2209 66.4101' LT
 N 1,980,000.9110 E 1,129,288.3870



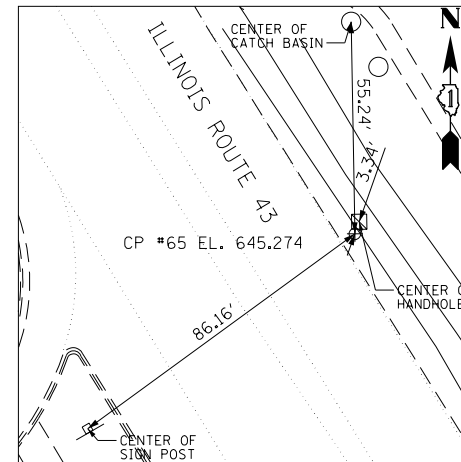
CONTROL POINT #63

CUT "X" AT EAST SIDE OF ILLINOIS ROUTE 43
 ± 1050' SOUTH OF WILLOW ROAD
 STA 505+43.5080 49.2083' RT
 N 1,980,395.8360 E 1,129,378.7680



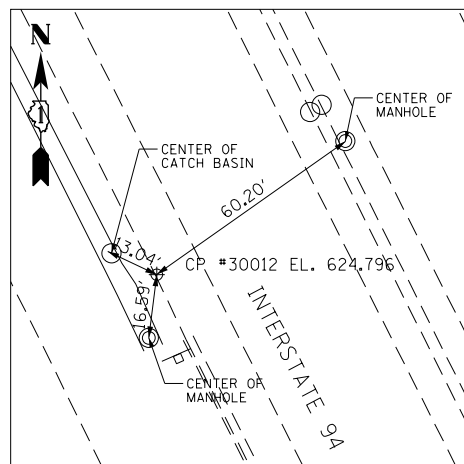
CONTROL POINT #64

CUT "X" AT NORTHEAST CORNER OF
 ILLINOIS ROUTE 43 AND WILLOW ROAD
 STA 516+67.0238 56.3811' RT
 N 1,981,517.4600 E 1,129,306.7700



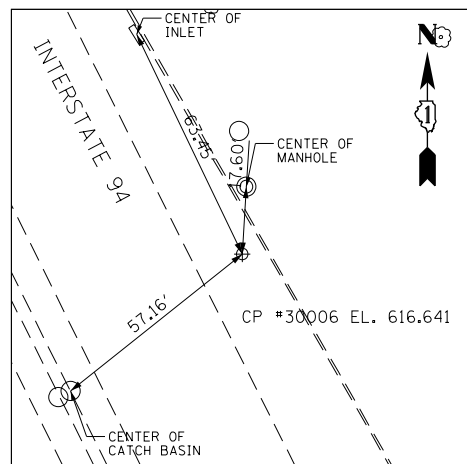
CONTROL POINT #65

CUT "X" AT EAST SIDE OF ILLINOIS ROUTE 43
 ± 470' NORTH OF THREE LAKES DRIVE
 STA 533+77.8314 30.4183' RT
 N 1,983,082.3540 E 1,128,639.8370



CONTROL POINT #64

A SET MAG AT WEST SIDE OF SOUTHBOUND
 INTERSTATE 94 ± 830' NORTH OF WINNETKA ROAD
 STA 422+89.5846 56.1800' RT
 N 1,978,085.1560 E 1,139,665.1610



CONTROL POINT #64

A SET MAG AT EAST SIDE OF NORTHBOUND
 INTERSTATE 94 ± 150' SOUTH OF WILLOW ROAD
 STA 422+74.0980 57.4426' RT
 N 1,979,917.5150 E 1,137,894.6650

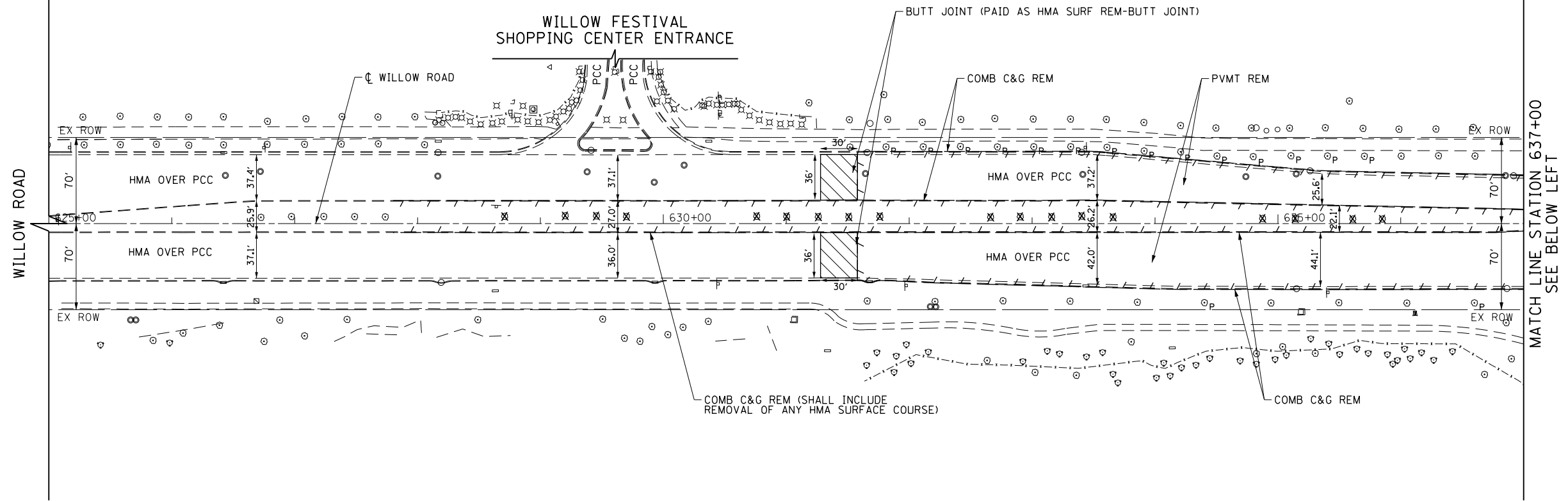
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G:\CH11\0158\Road\Sheets\0160T35-SHT-AT06.dgn		DRAWN - KAL	REVISED -
	PLOT SCALE = 500.000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

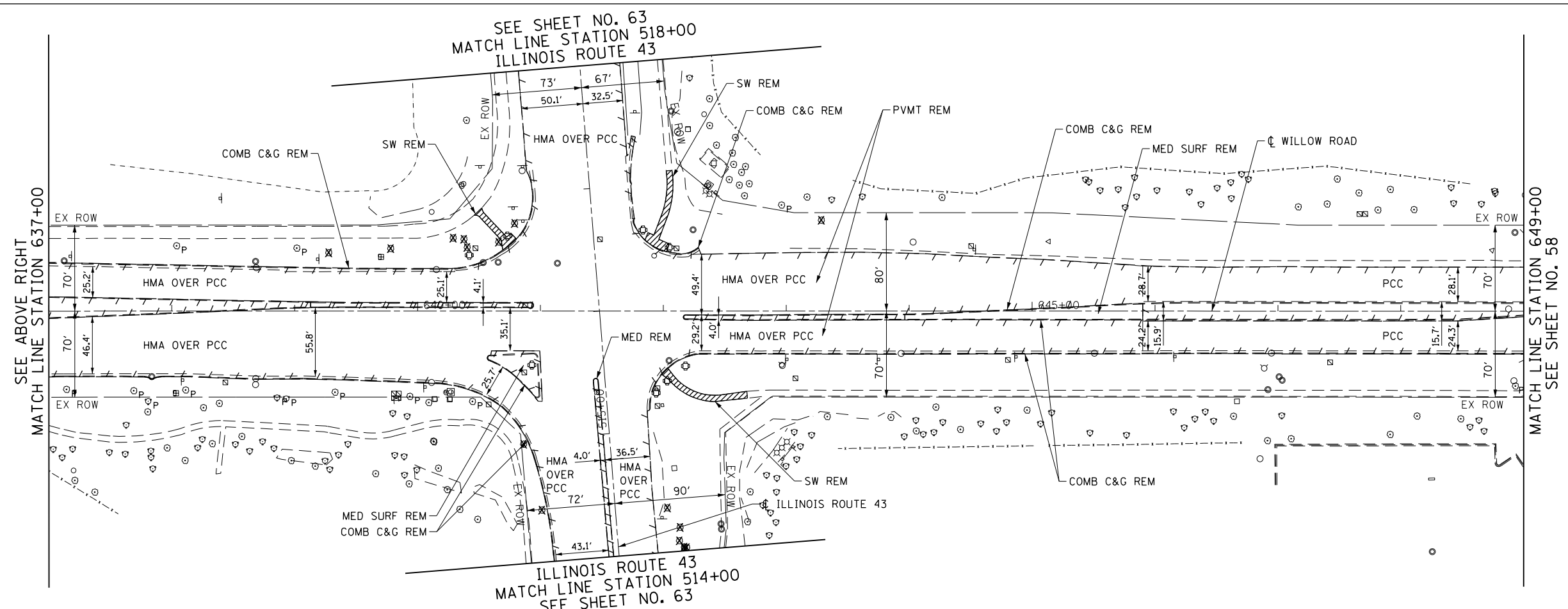
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 250' SHEET NO. 56 OF 919 SHEETS

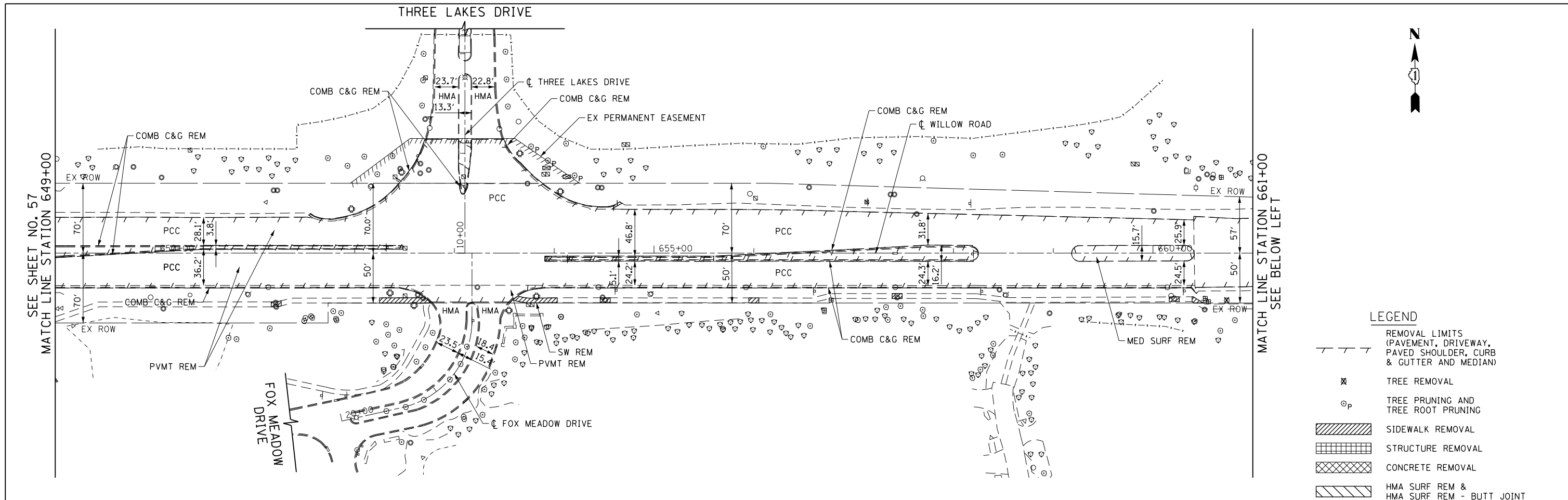
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	56
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



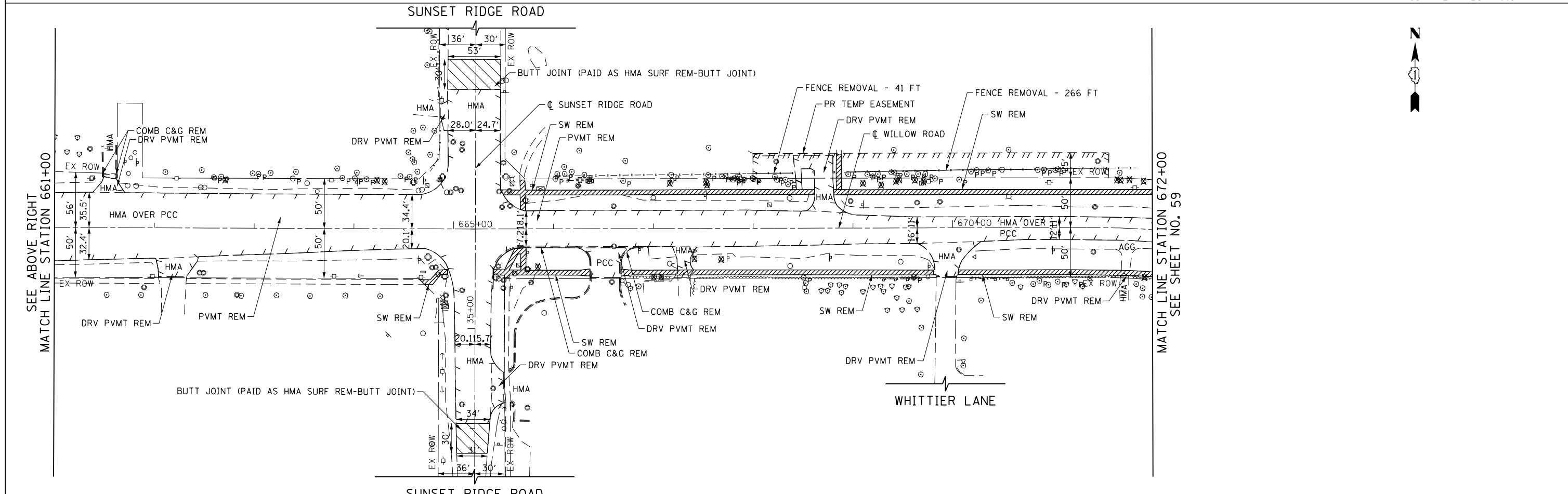
- LEGEND**
- REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
 - TREE REMOVAL
 - TREE PRUNING AND TREE ROOT PRUNING
 - SIDEWALK REMOVAL
 - STRUCTURE REMOVAL
 - CONCRETE REMOVAL
 - HMA SURF REM & HMA SURF REM - BUTT JOINT



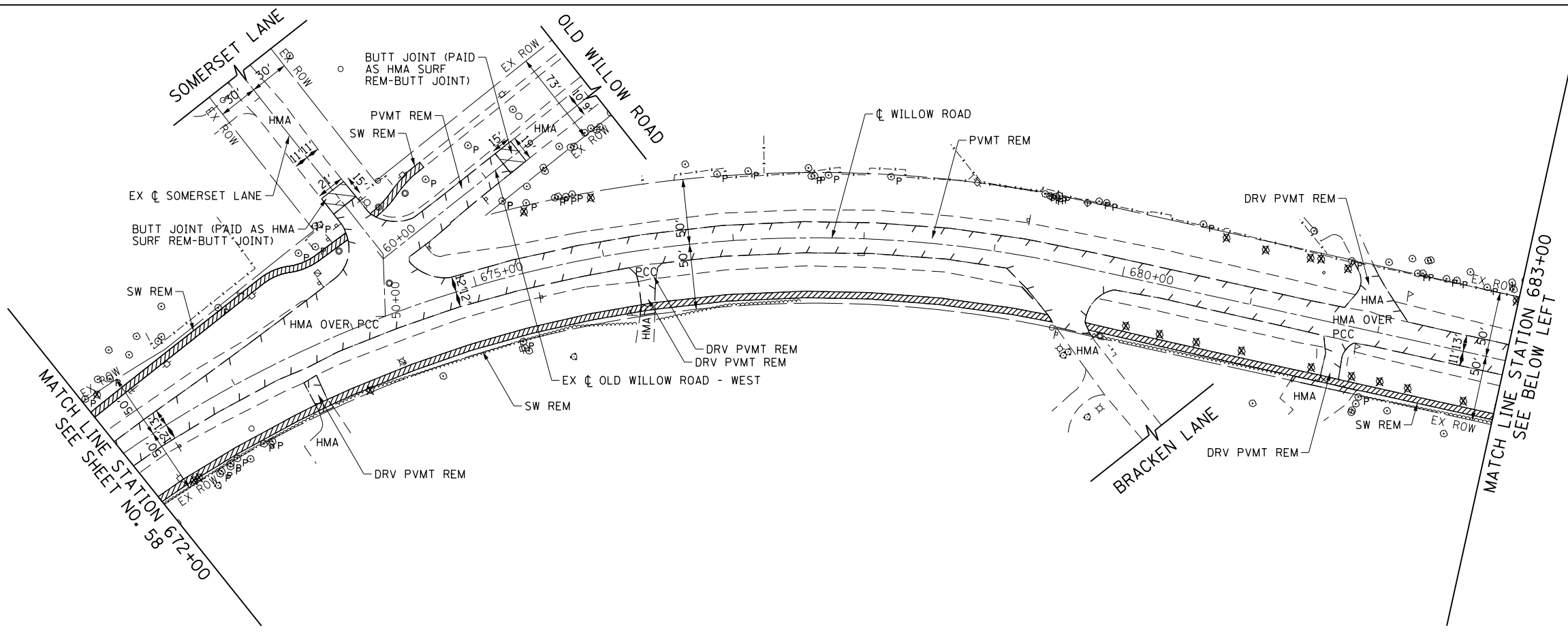
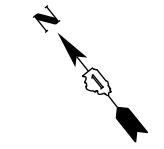
FILE NAME = G:\CH11\0158\Road\Sheets\0160T35-SHT-REM-01.dgn	USER NAME = BAW\rtort	DESIGNED - JLV	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD REMOVAL PLAN		F.A.P. RTE. 305	SECTION (1920.01,1518,2022&1922.4BR)	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 57	
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISD -	REVISD -		SCALE: 1" = 50'	SHEET NO. 57 OF 919 SHEETS	STA. 625+00 TO STA. 649+00	CONTRACT NO. 60T35				
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISD -	REVISD -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



- LEGEND**
- REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
 - TREE REMOVAL
 - TREE PRUNING AND TREE ROOT PRUNING
 - SIDEWALK REMOVAL
 - STRUCTURE REMOVAL
 - CONCRETE REMOVAL
 - HMA SURF REM & HMA SURF REM - BUTT JOINT

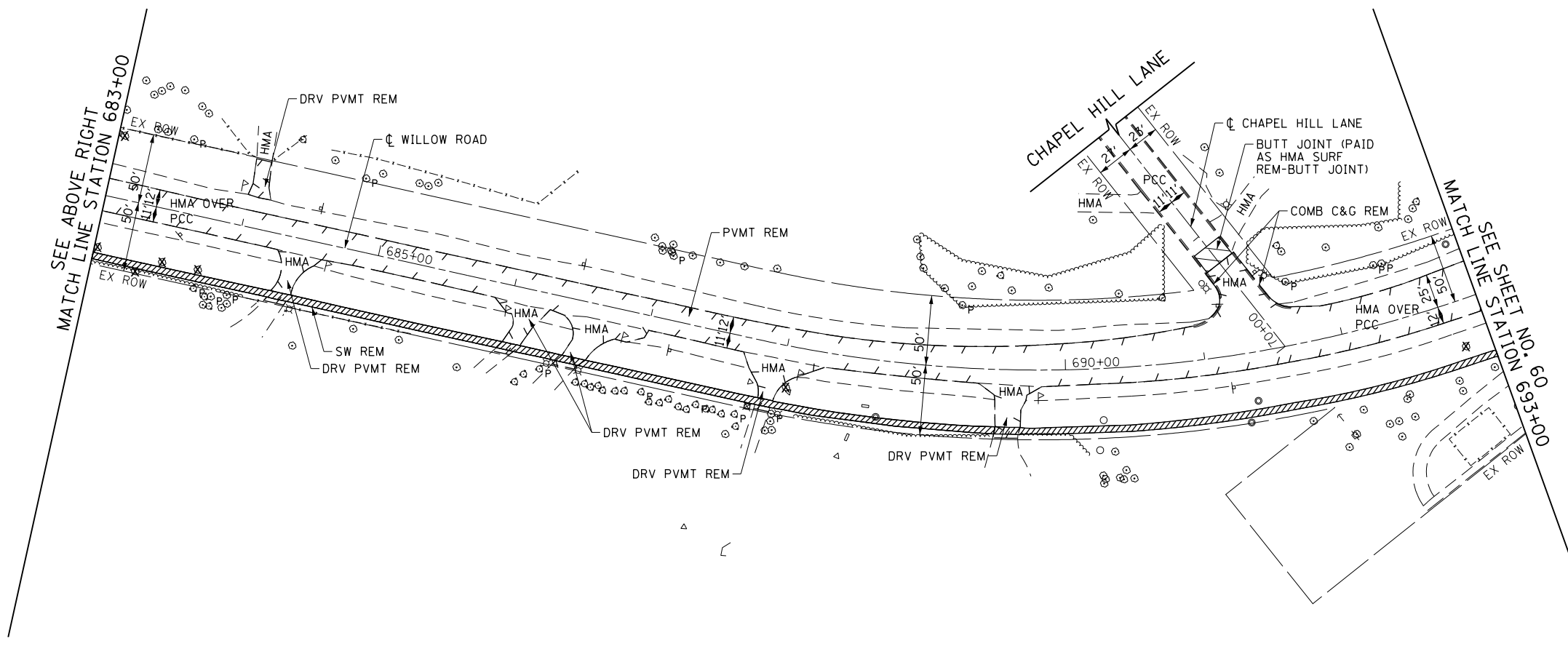
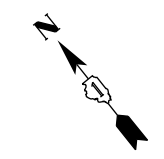


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PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISIED -	REVISIED -			SCALE: 1" = 50'	SHEET NO. 58 OF 919 SHEETS	STA. 649+00	TO STA. 672+00	CONTRACT NO. 60T35		
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISIED -	REVISIED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



LEGEND

	REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
	TREE REMOVAL
	TREE PRUNING AND TREE ROOT PRUNING
	SIDEWALK REMOVAL
	STRUCTURE REMOVAL
	CONCRETE REMOVAL
	HMA SURF REM & HMA SURF REM - BUTT JOINT



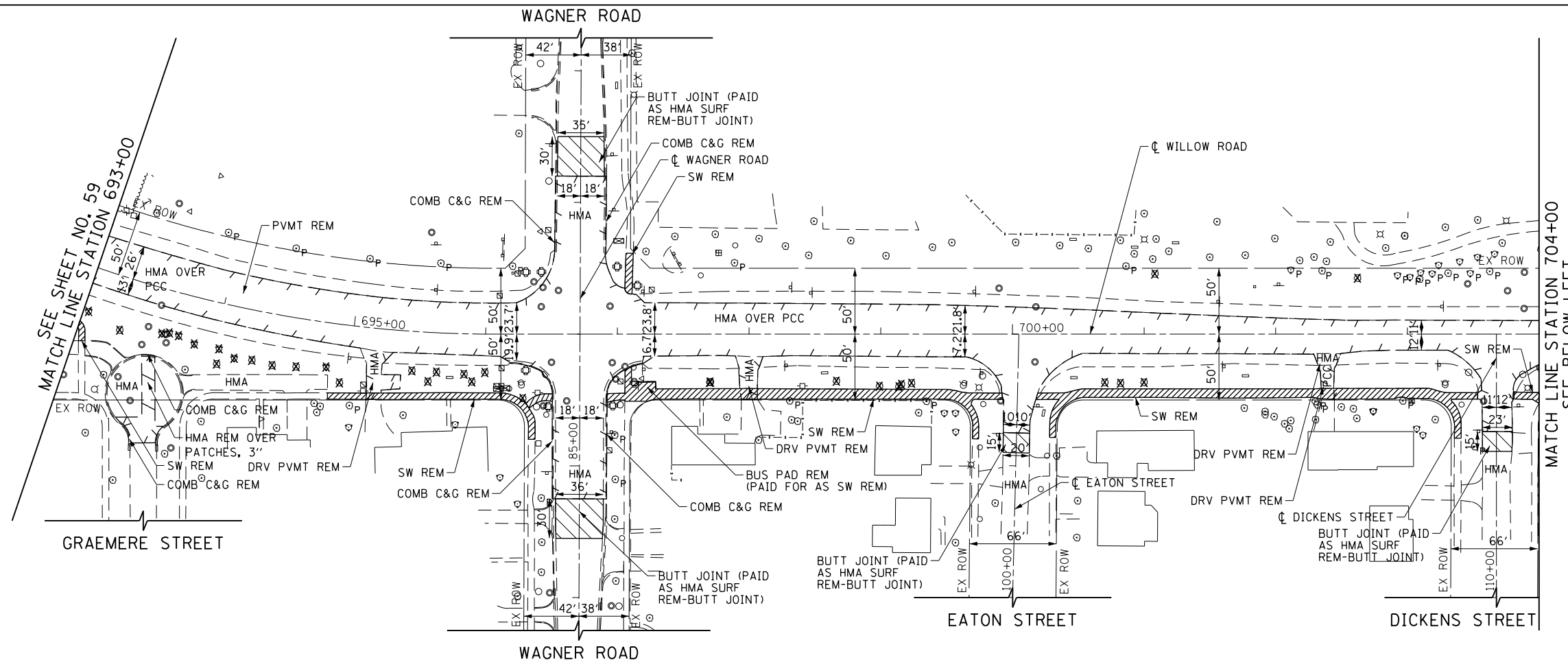
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WILLOW ROAD REMOVAL PLAN

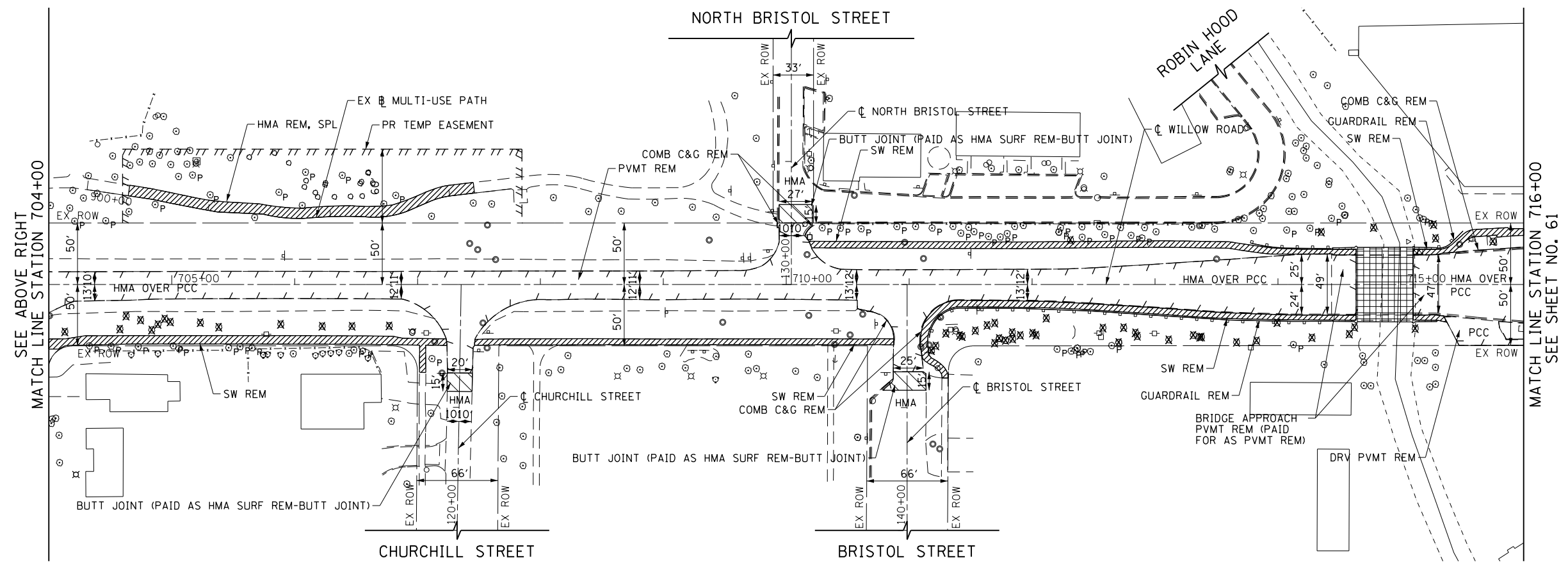
SCALE: 1" = 50' SHEET NO. 59 OF 919 SHEETS STA. 672+00 TO STA. 693+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	59
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

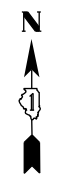


LEGEND

	REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
	TREE REMOVAL
	TREE PRUNING AND TREE ROOT PRUNING
	SIDEWALK REMOVAL
	STRUCTURE REMOVAL
	CONCRETE REMOVAL
	HMA SURF REM & HMA SURF REM - BUTT JOINT



- NOTE:**
1. THE EXISTING BUS SHELTER IS TO BE REMOVED BY PACE. THE CONTRACTOR SHALL CONTACT MR. ROBERT HUFFMAN OF PACE AT (847) 228-2420 TWO WEEKS PRIOR TO THE NEED FOR REMOVAL OF THE SHELTER.
 2. FOLLOWING CONSTRUCTION OF THE PROPOSED CONCRETE PAD, THE CONTRACTOR SHALL NOTIFY PACE TO REINSTALL THE BUS SHELTER.



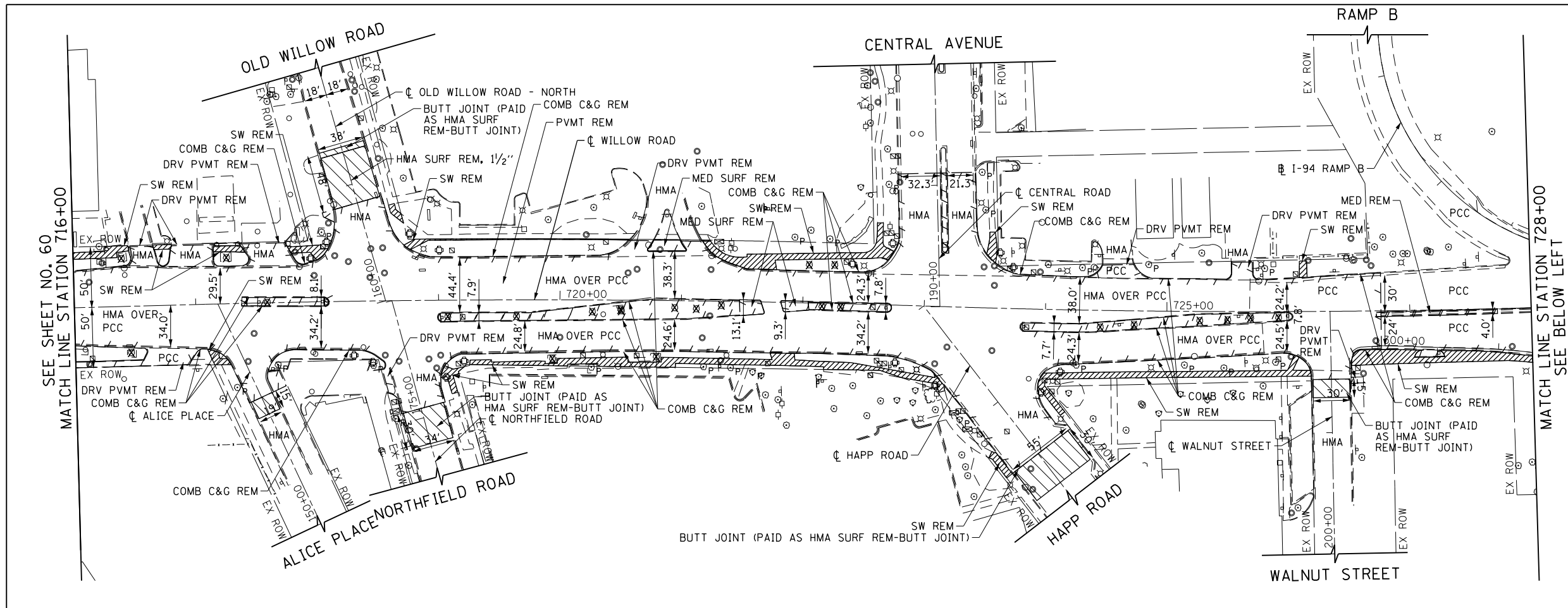
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PLOT SCALE = 1/8" = 1'-0"		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WILLOW ROAD REMOVAL PLAN

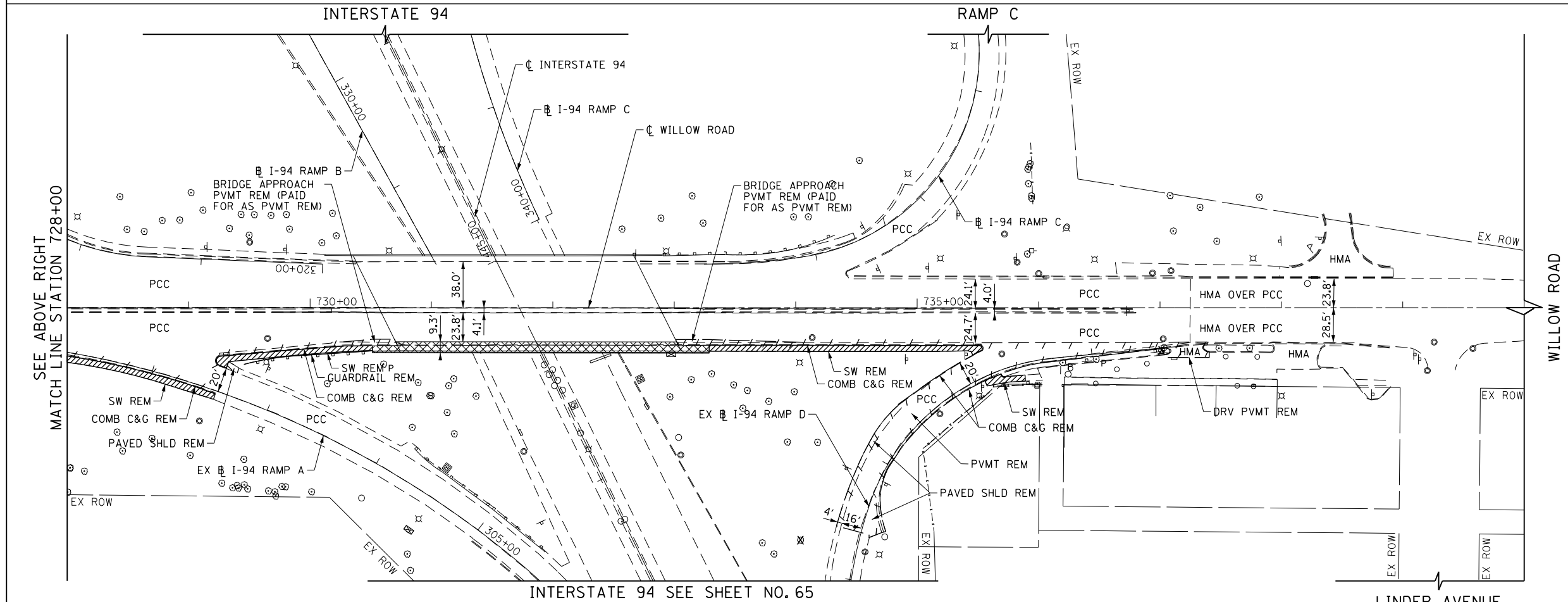
SCALE: 1" = 50' SHEET NO. 60 OF 919 SHEETS STA. 693+00 TO STA. 716+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BR)	COOK	919	60
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



LEGEND

- REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
- TREE REMOVAL
- TREE PRUNING AND TREE ROOT PRUNING
- SIDEWALK REMOVAL
- STRUCTURE REMOVAL
- CONCRETE REMOVAL
- HMA SURF REM & HMA SURF REM - BUTT JOINT



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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PLOT SCALE = 1/8" = 1' in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

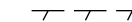



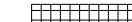

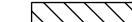
WILLOW ROAD REMOVAL PLAN

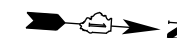
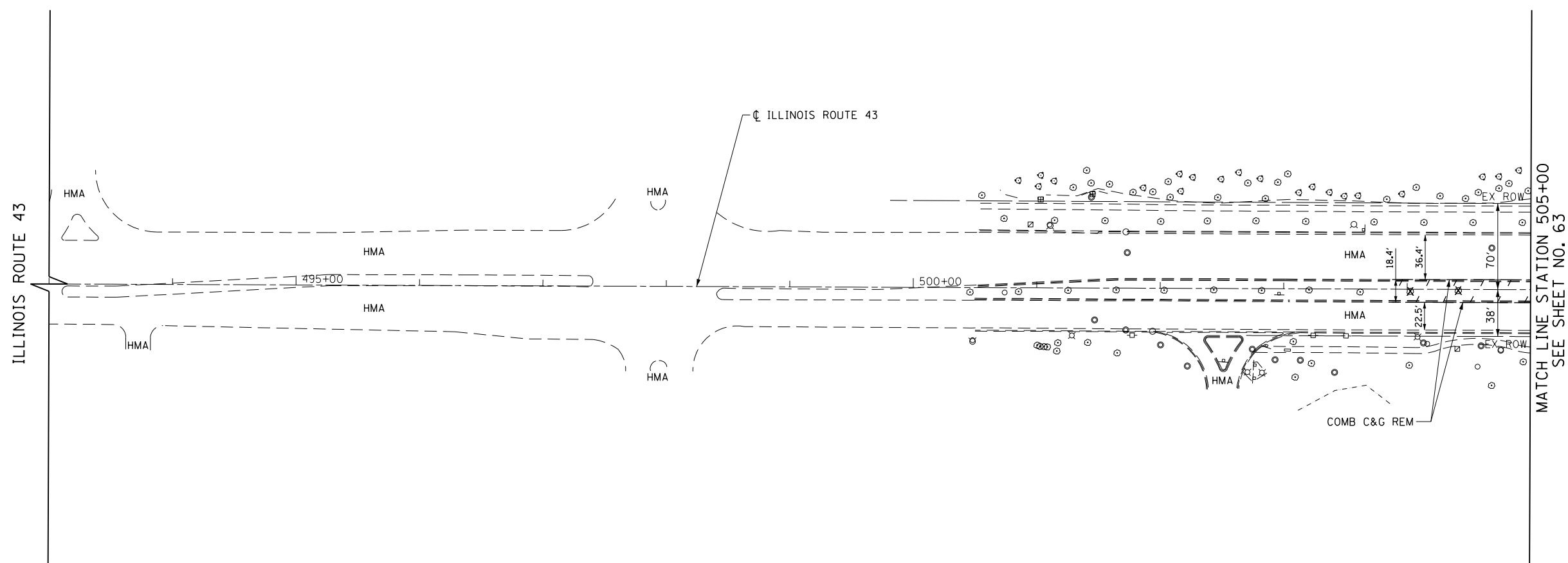
SCALE: 1" = 50' SHEET NO. 61 OF 919 SHEETS STA. 716+00 TO STA. 740+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	61
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

-  REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
-  TREE REMOVAL
-  TREE PRUNING AND TREE ROOT PRUNING
-  SIDEWALK REMOVAL
-  STRUCTURE REMOVAL
-  CONCRETE REMOVAL
-  HMA SURF REM & HMA SURF REM - BUTT JOINT



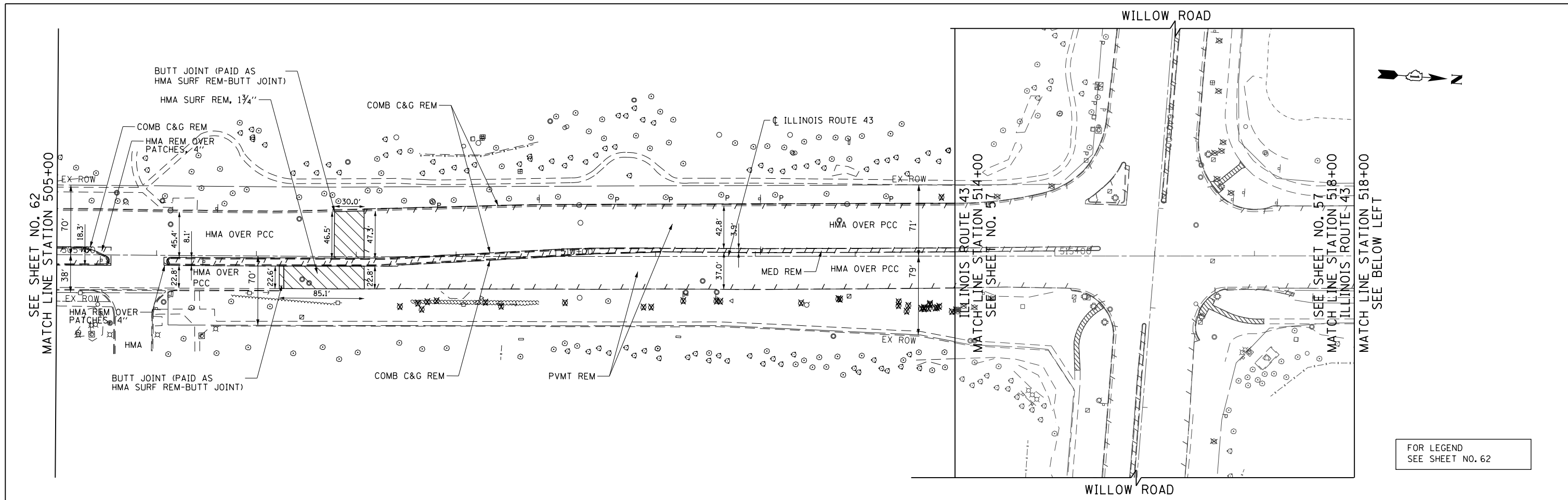
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G:\CH11\0158\Road\Sheets\0160T35-SHT-REM-06.dgn		DRAWN - KAL	REVISED -
	PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

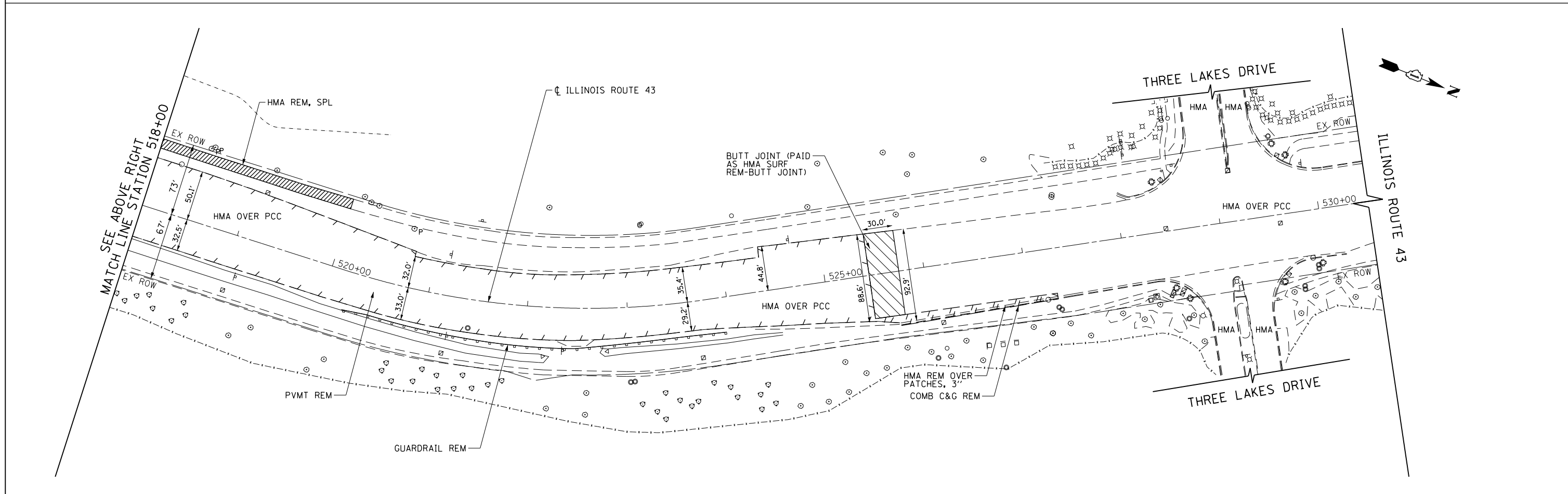
ILLINOIS ROUTE 43 REMOVAL PLAN

SCALE: 1" = 50' SHEET NO. 62 OF 919 SHEETS STA. 493+00 TO STA. 505+00

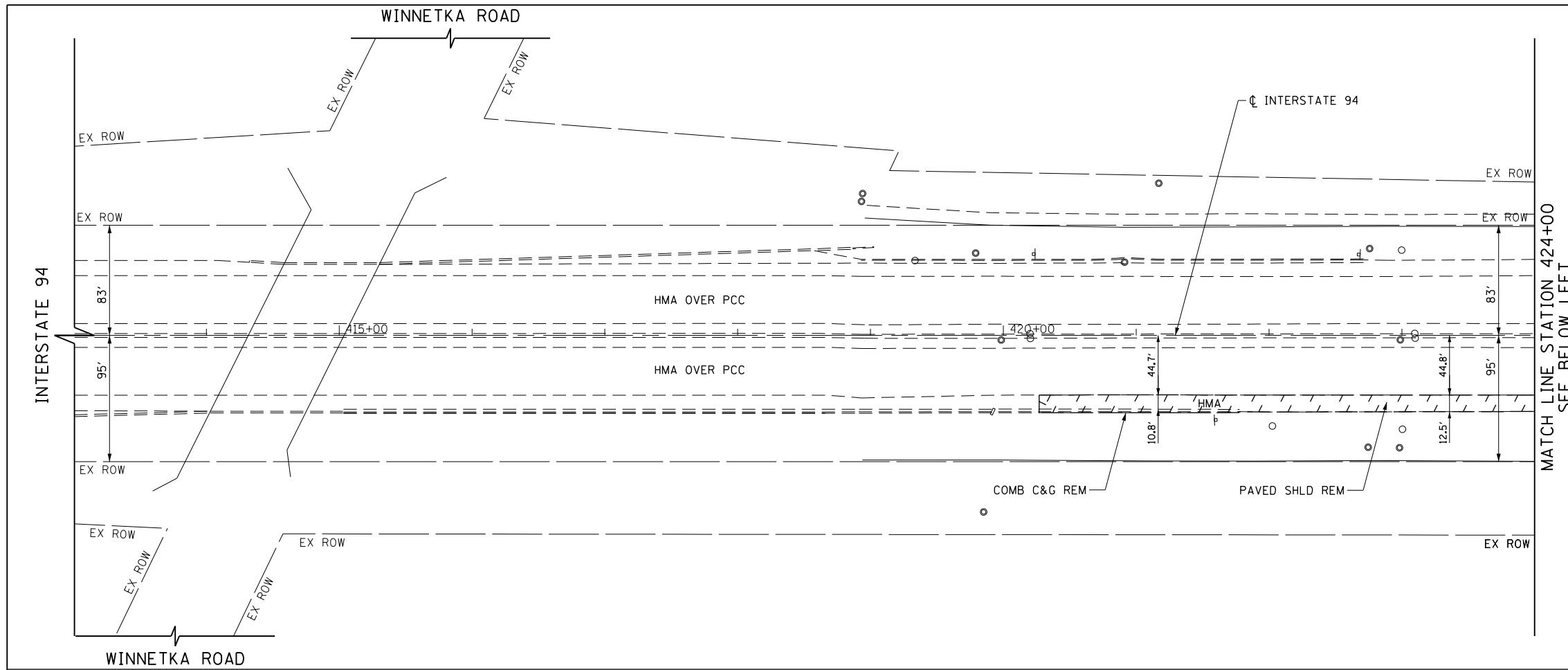
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	62
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	



FOR LEGEND
SEE SHEET NO. 62



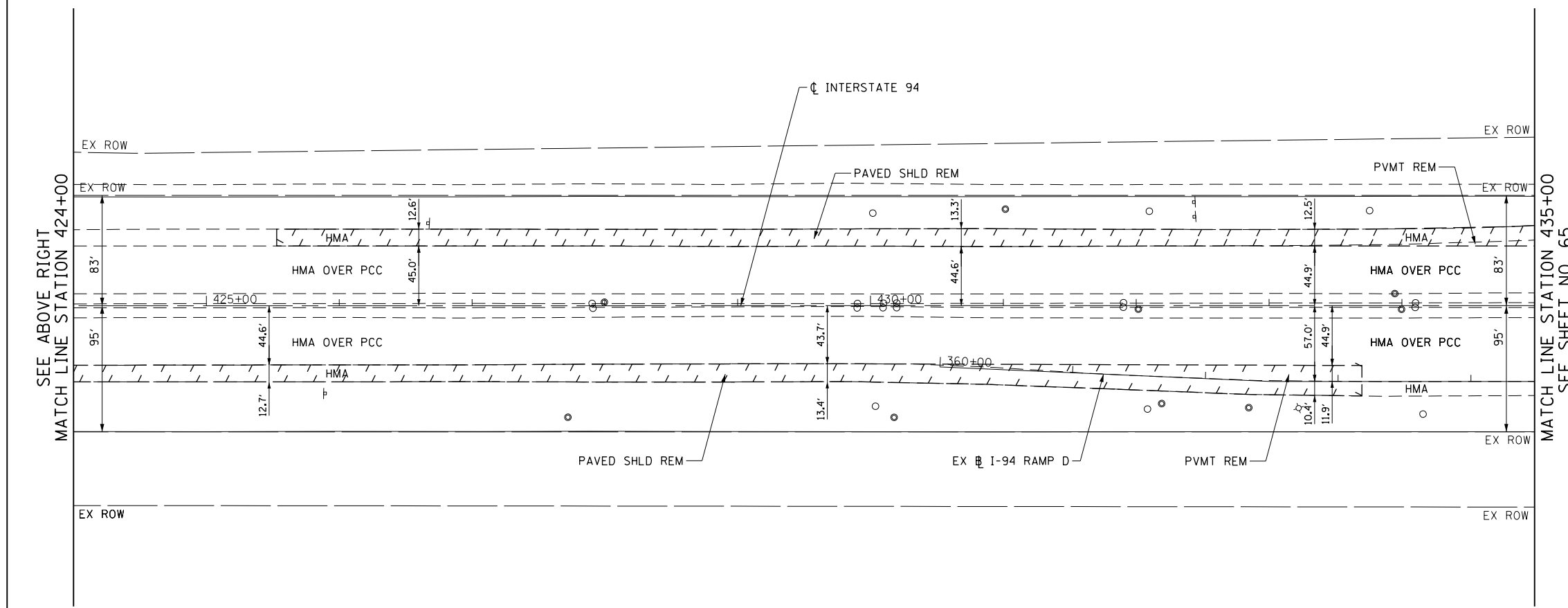
FILE NAME =	USER NAME = BAW\ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 43 REMOVAL PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G:\CH11\0158\Road\Sheets\160T35-SHT-REM-07.dgn	DRAWN - KAL	REVISED -	305			(1920.01,1518,2022&1922,4B)R	COOK	919	63	
PLOT SCALE = 100.0000' / in.	CHECKED - RCB	REVISED -	CONTRACT NO. 60T35							
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



MATCH LINE STATION 424+00
SEE BELOW LEFT

LEGEND

- REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
- TREE REMOVAL
- TREE PRUNING AND TREE ROOT PRUNING
- SIDEWALK REMOVAL
- STRUCTURE REMOVAL
- CONCRETE REMOVAL
- HMA SURF REM & HMA SURF REM - BUTT JOINT



MATCH LINE STATION 435+00
SEE SHEET NO. 65

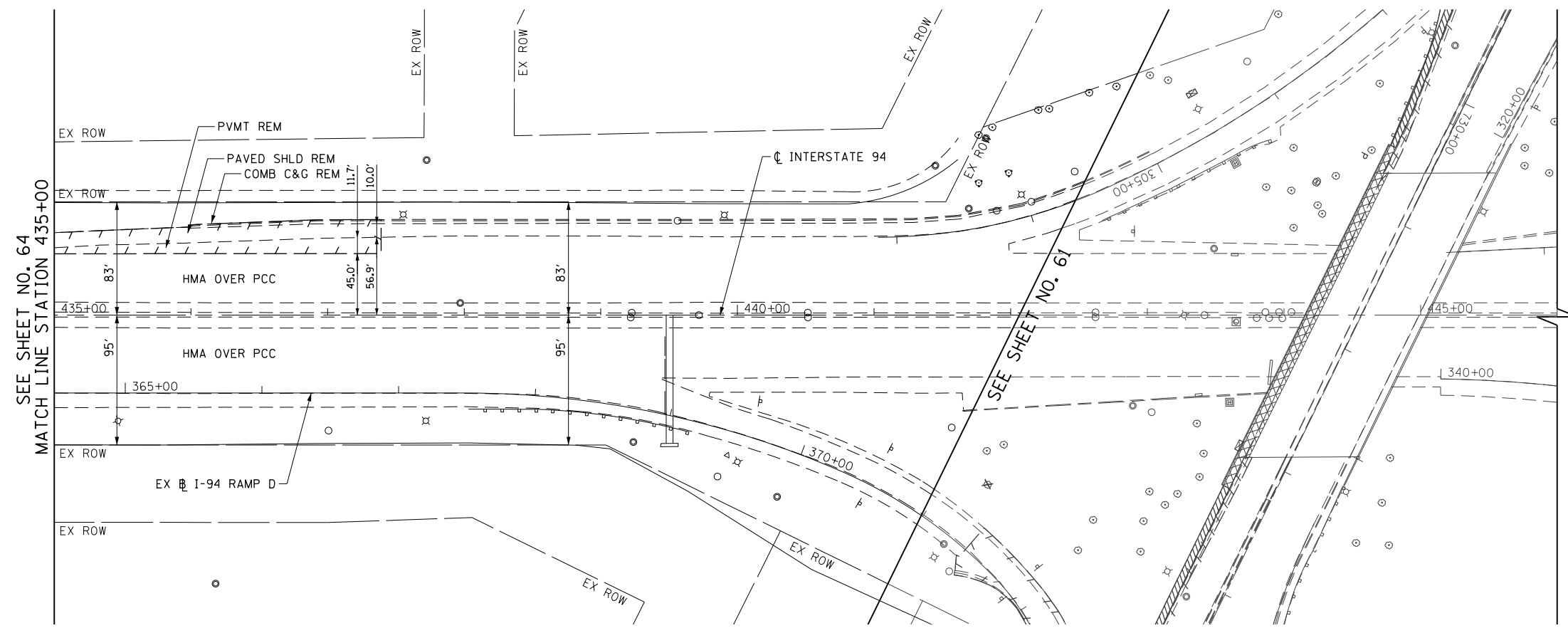
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G:\CH11\0158\Road\Sheets\0160T35-SHT-REM-08.dgn		DRAWN - MNB	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSTATE 94 REMOVAL PLAN

SCALE: 1" = 50' SHEET NO. 64 OF 919 SHEETS STA. 413+00 TO STA. 435+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4BR)	COOK	919	64
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- REMOVAL LIMITS (PAVEMENT, DRIVEWAY, PAVED SHOULDER, CURB & GUTTER AND MEDIAN)
 - TREE REMOVAL
 - TREE PRUNING AND TREE ROOT PRUNING
 - SIDEWALK REMOVAL
 - STRUCTURE REMOVAL
 - CONCRETE REMOVAL
 - HMA SURF REM & HMA SURF REM - BUTT JOINT

FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\0160T35-SHT-REM-09.dgn		DRAWN - MNB	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - RCB	REVISED -
	PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

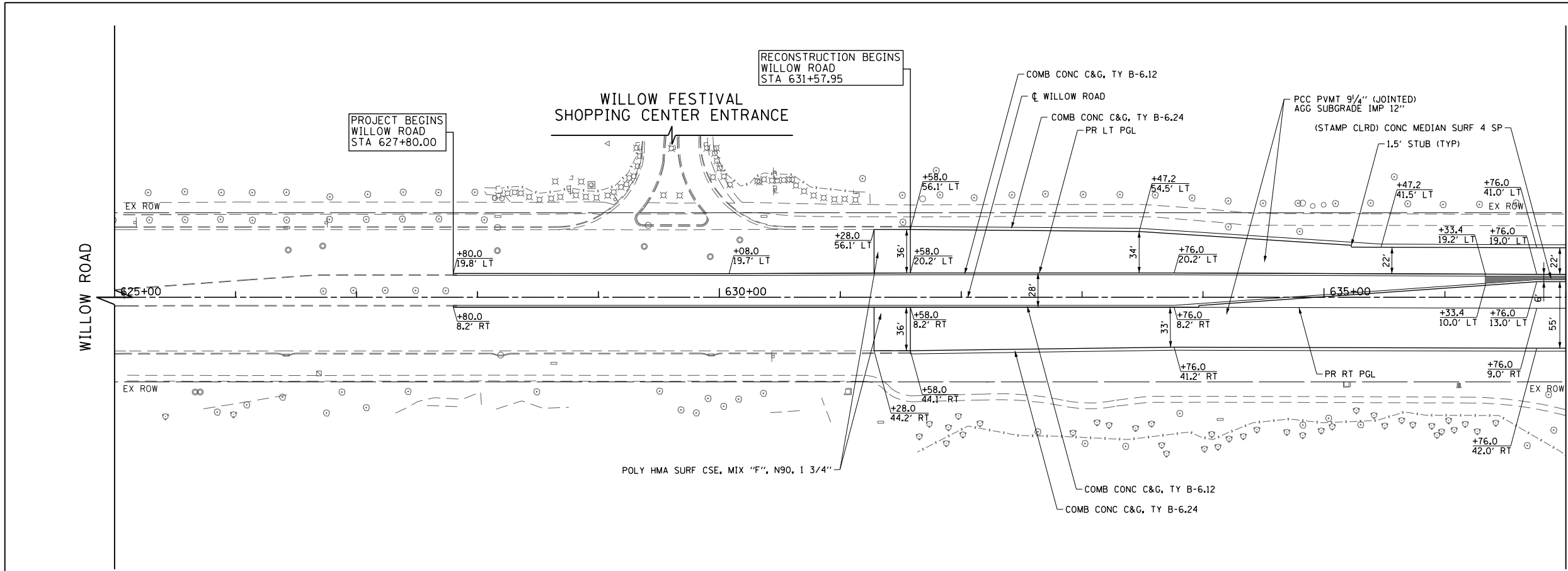
INTERSTATE 94 REMOVAL PLAN

SCALE: 1" = 50' SHEET NO. 65 OF 919 SHEETS STA. 435+00 TO STA. 446+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4B)R	COOK	919	65
				CONTRACT NO. 60T35
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

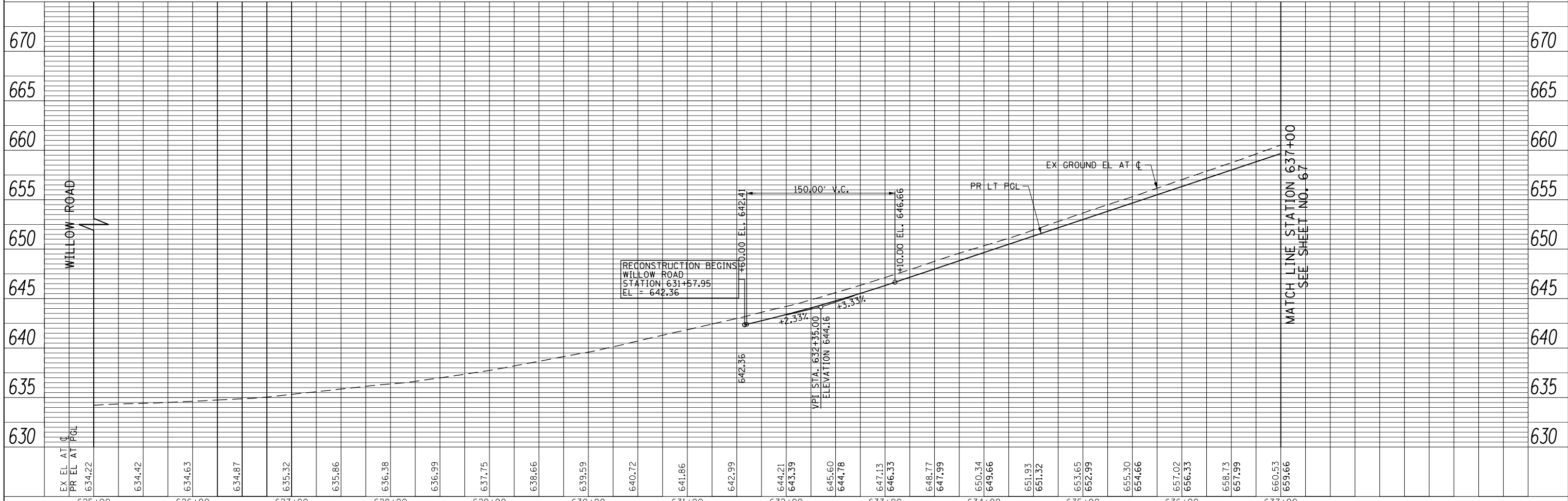
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	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHK'D		
	NO.		



MATCH LINE STATION 637+00
SEE SHEET NO. 67

- NOTES:**
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



MATCH LINE STATION 637+00
SEE SHEET NO. 67

FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLW	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">WILLOW ROAD PLAN AND PROFILE</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch11\0158\road\Sheets\160135-SHT-PLNPRF-01.dgn		DRAWN - KAL	REVISED -		305	(1920.01,1518,2022&1922,4BR)	COOK	919	66
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -		CONTRACT NO. 60T35				
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

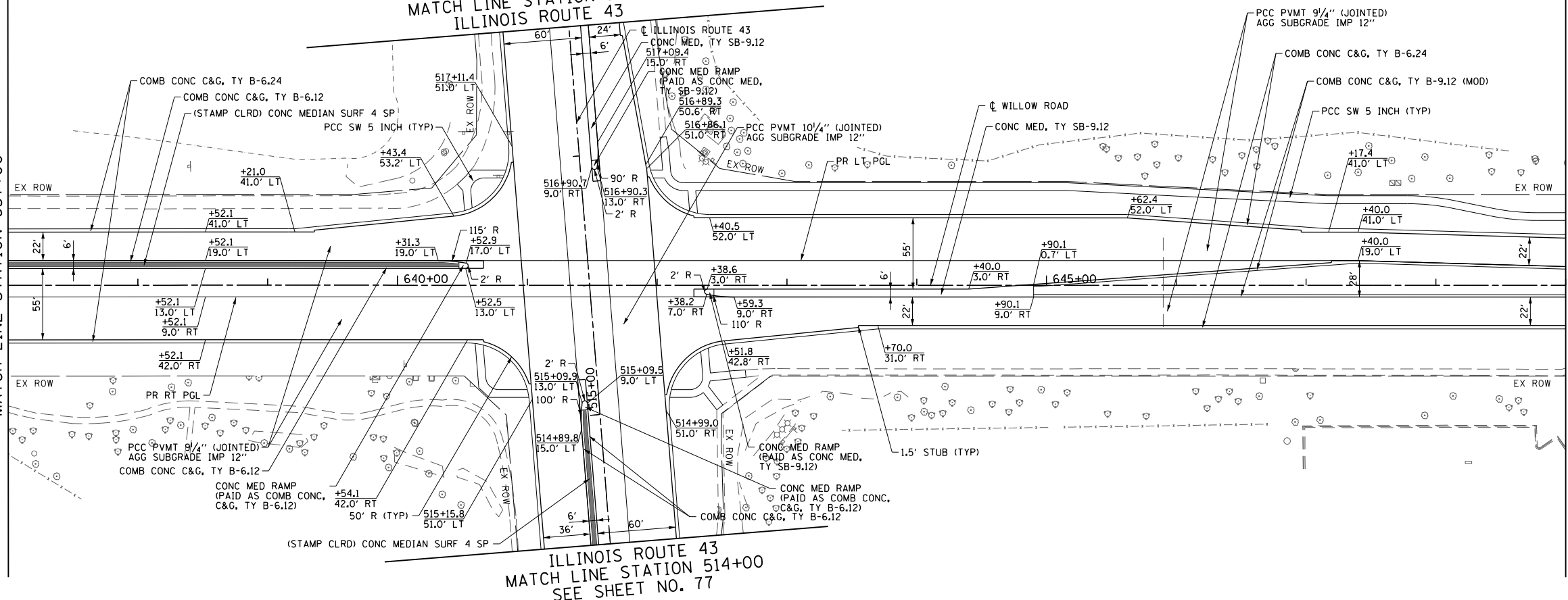
SCALE: HORIZ: 1"=50' VERT: 1"=5' SHEET NO. 66 OF 919 SHEETS STA. 625+00 TO STA. 637+00

SEE SHEET NO. 78
MATCH LINE STATION 518+00
ILLINOIS ROUTE 43



SEE SHEET NO. 66
MATCH LINE STATION 637+00

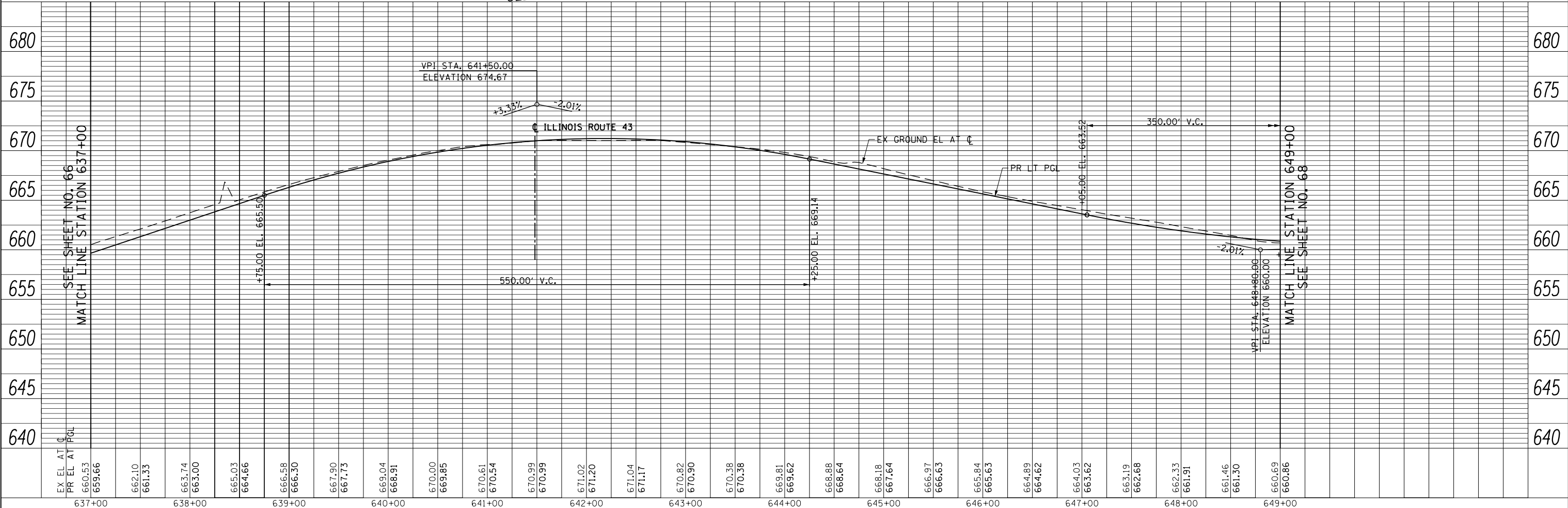
MATCH LINE STATION 649+00
SEE SHEET NO. 68



- NOTES:
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

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

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



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch11\158\road\Sheets\160T35-SHT-PLNPRF-02.dgn		DRAWN - KAL	REVISED -	305	(1920.01,1518,2022&1922,4BR)	COOK	919	67
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -	CONTRACT NO. 60T35				
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 67 OF 919 SHEETS
STA. 637+00 TO STA. 649+00

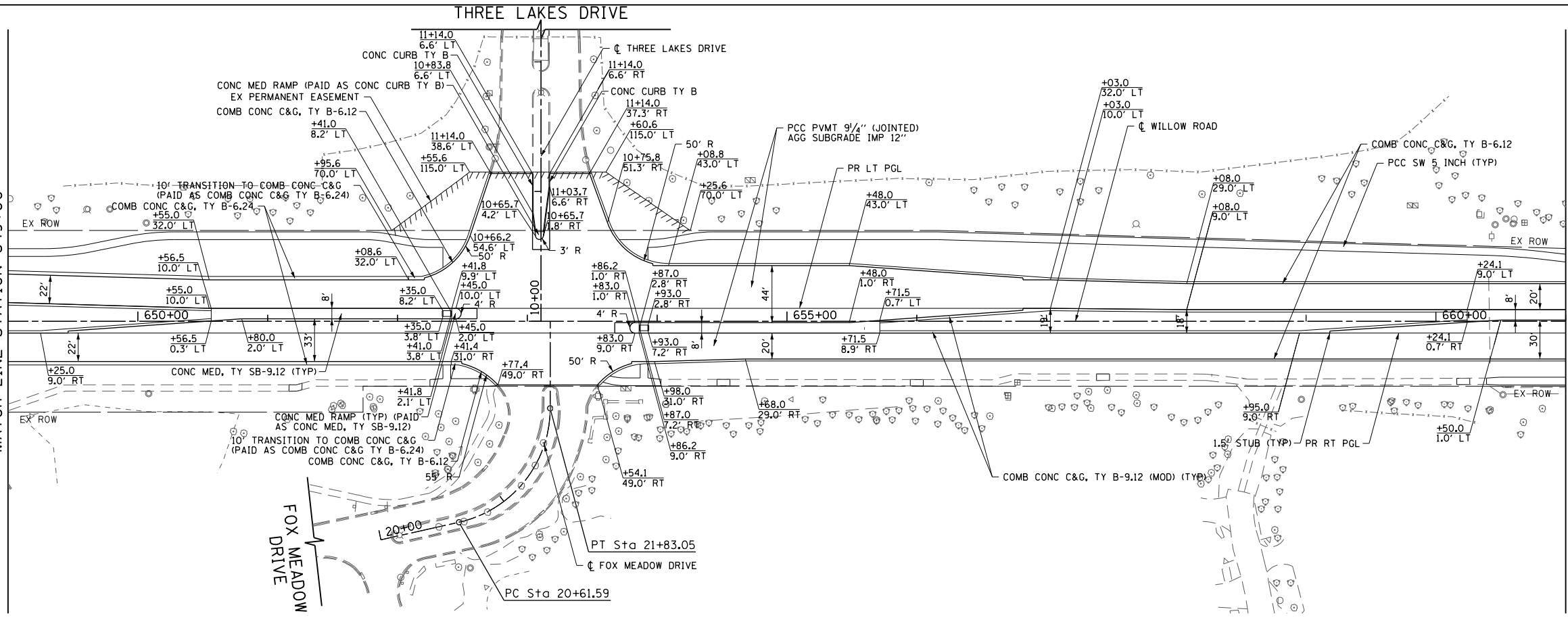
PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
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	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	NO. _____	
	FILE NAME	

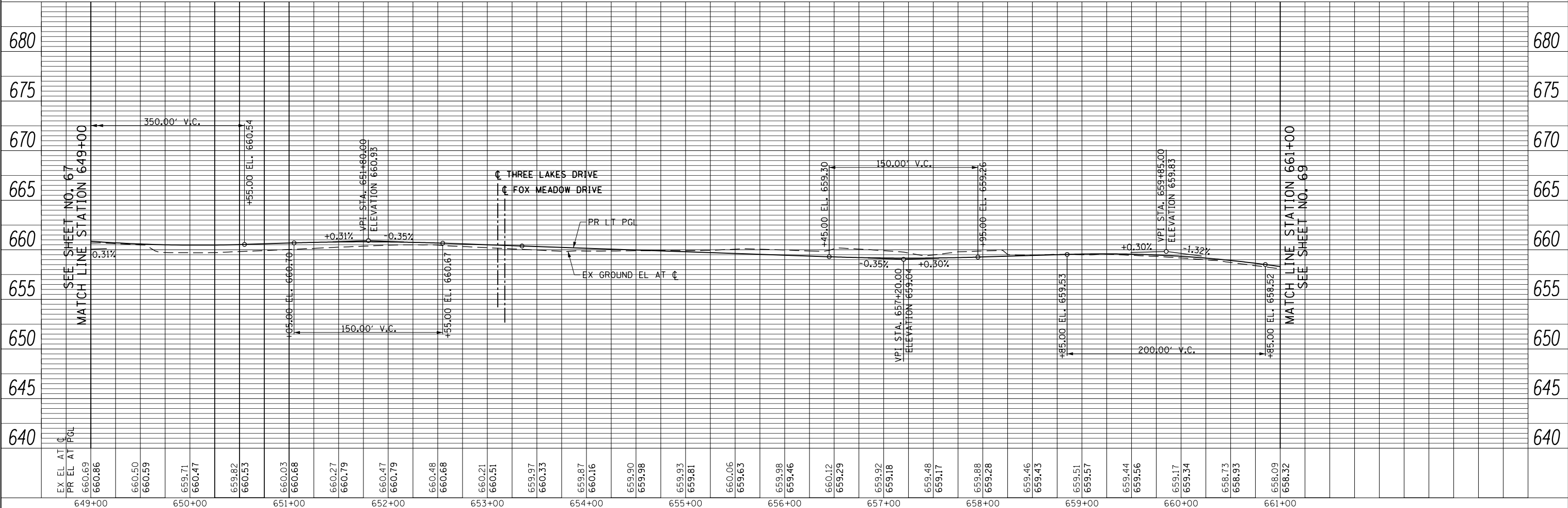


SEE SHEET NO. 67
MATCH LINE STATION 649+00

MATCH LINE STATION 661+00
SEE SHEET NO. 69



- NOTES:
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch11\0158\road\Sheets\160135-SHT-PLN\PRF-03.dgn		DRAWN - KAL	REVISED -	305	(1920.01,1518,2022&1922,4BR)	COOK	919	68
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -	CONTRACT NO. 60T35				
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD PLAN AND PROFILE

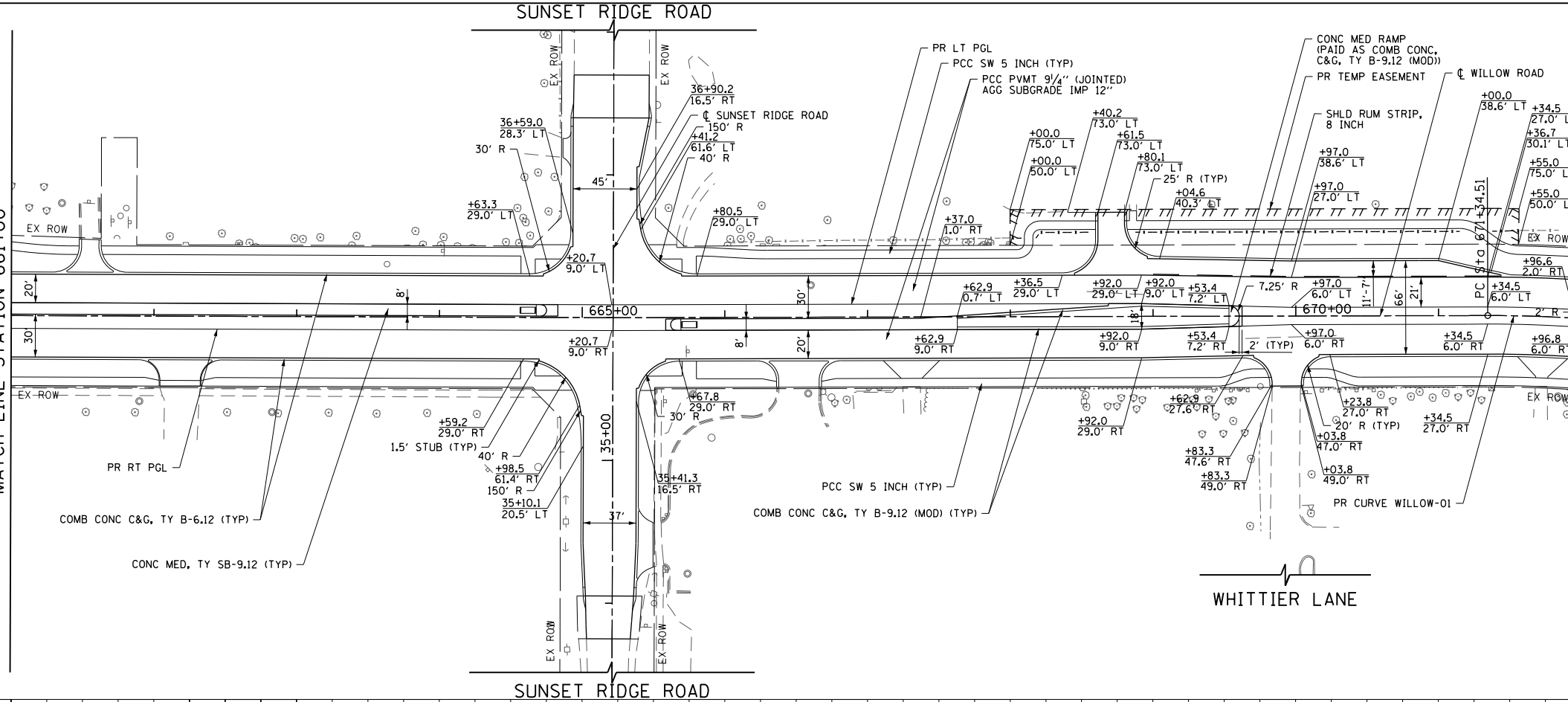
SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 68 OF 919 SHEETS STA. 649+00 TO STA. 661+00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NOTATIONS		
	NO.		

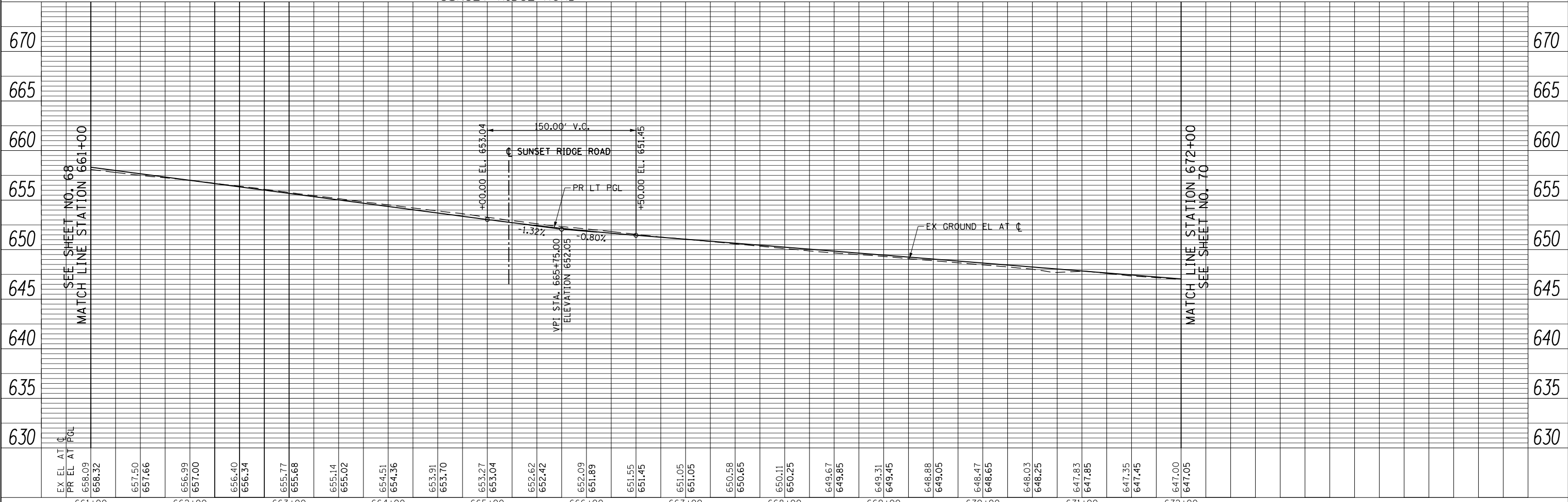
SEE SHEET NO. 68
MATCH LINE STATION 661+00

MATCH LINE STATION 672+00
SEE SHEET NO. 70



PR CURVE WILLOW-01
PI STA. = 675+79.83
 $\Delta = 51^\circ 04' 32''$ (RT)
D = 6° 08' 50"
R = 932.06'
T = 445.32'
L = 830.87'
E = 100.92'
e = 3.2%
T.R. = 55
S.E. RUN = 84
P.C. STA. = 671+34.51
P.T. STA. = 679+65.38

- NOTES:**
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



EX EL AT C	PR EL AT PGL	661+00	662+00	663+00	664+00	665+00	666+00	667+00	668+00	669+00	670+00	671+00	672+00
658.09	658.32												
657.50	657.66												
656.99	657.00												
656.40	656.34												
655.77	655.68												
655.14	655.02												
654.51	654.36												
653.91	653.70												
653.27	653.04												
652.62	652.42												
652.09	651.89												
651.55	651.45												
651.05	651.05												
650.58	650.65												
650.11	650.25												
649.67	649.85												
649.31	649.45												
648.88	649.05												
648.47	648.65												
648.03	648.25												
647.83	647.85												
647.35	647.45												
647.00	647.05												

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

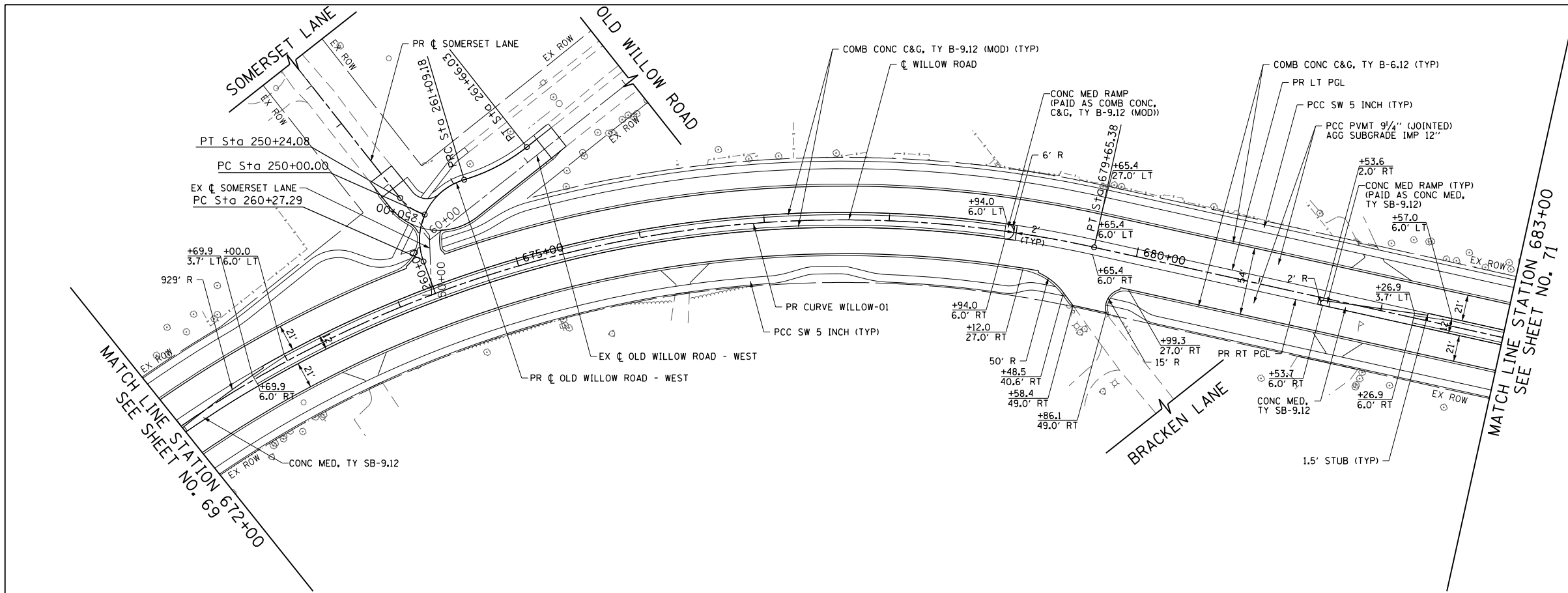
WILLOW ROAD PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4)BR	COOK	919	69
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: HORIZ. 1"=50'
VERT. 1"=5'
SHEET NO. 69 OF 919 SHEETS
STA. 661+00 TO STA. 672+00

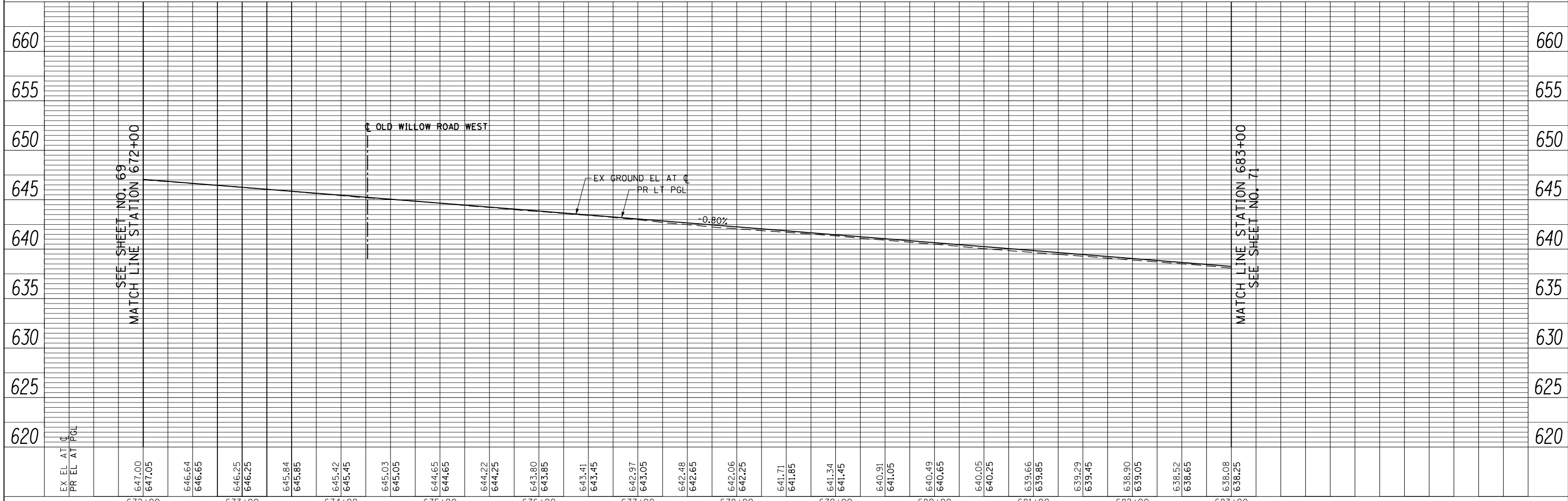
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

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



PR CURVE WILLOW-01
 PI STA. = 675+79.83
 $\Delta = 51^\circ 04' 32''$ (RT)
 D = 6° 08' 50"
 R = 932.06'
 T = 445.32'
 L = 830.87'
 E = 100.92'
 e = 3.2%
 T.R. = 55
 S.E. RUN = 84
 P.C. STA. = 671+34.51
 P.T. STA. = 679+65.38

- NOTES:**
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



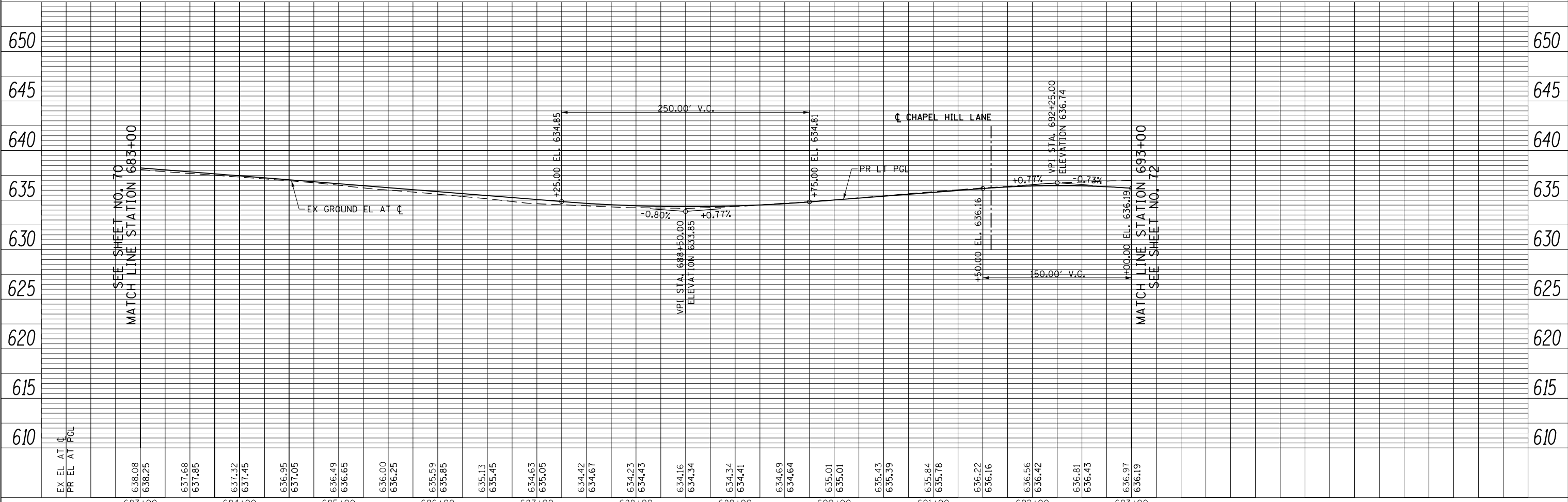
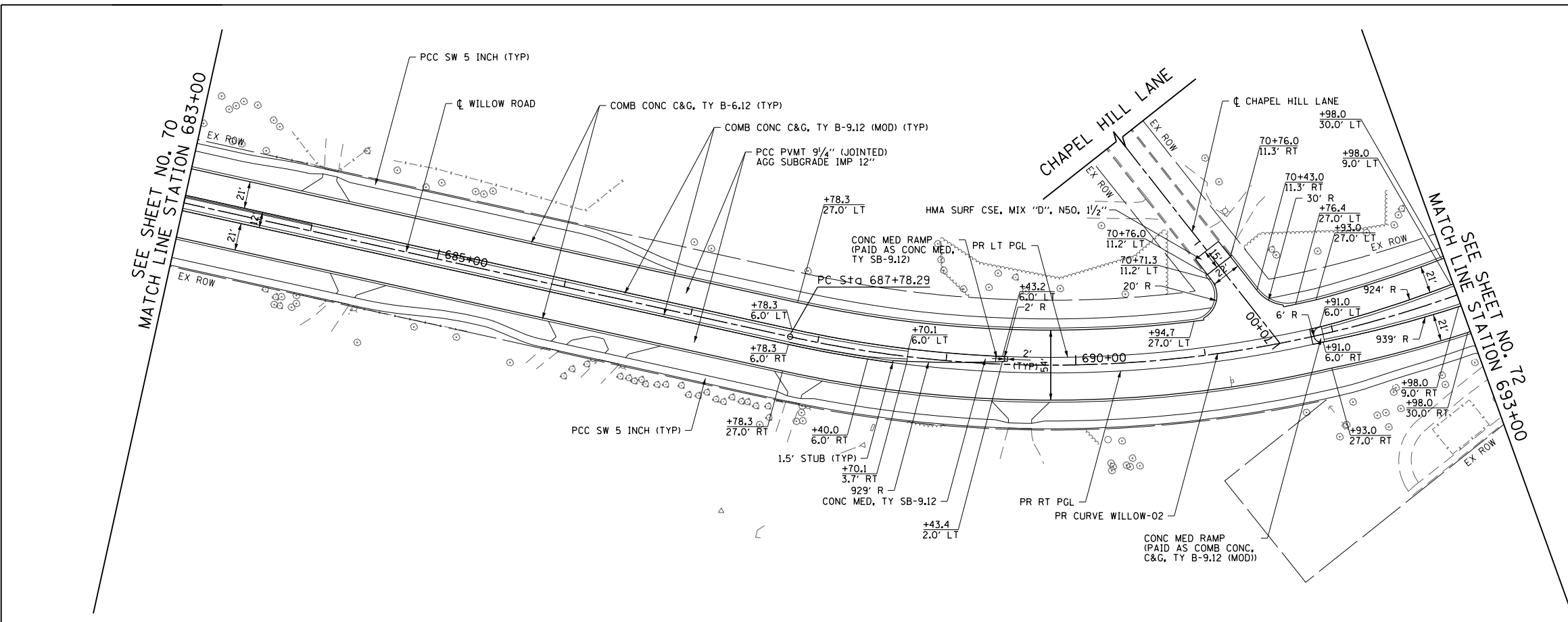
FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\DI60T35-SHT-PLNPRF-05.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922,4BR)	COOK	919	70	
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

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

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

PR CURVE WILLOW-02
 PI STA. = 692+22.89
 $\Delta = 51^\circ 00' 10''$ (LT)
 D = 6° 08' 50''
 R = 932.06'
 T = 444.60'
 L = 829.69'
 E = 100.61'
 e = 3.2%
 T.R. = 55
 S.E. RUN = 84
 P.C. STA. = 687+78.29
 P.T. STA. = 696+07.98

- NOTES:**
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
g:\ch11\0158\road\Sheets\160T35-SHT-PLNPRF-06.dgn		DRAWN - KAL	REVISED -
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

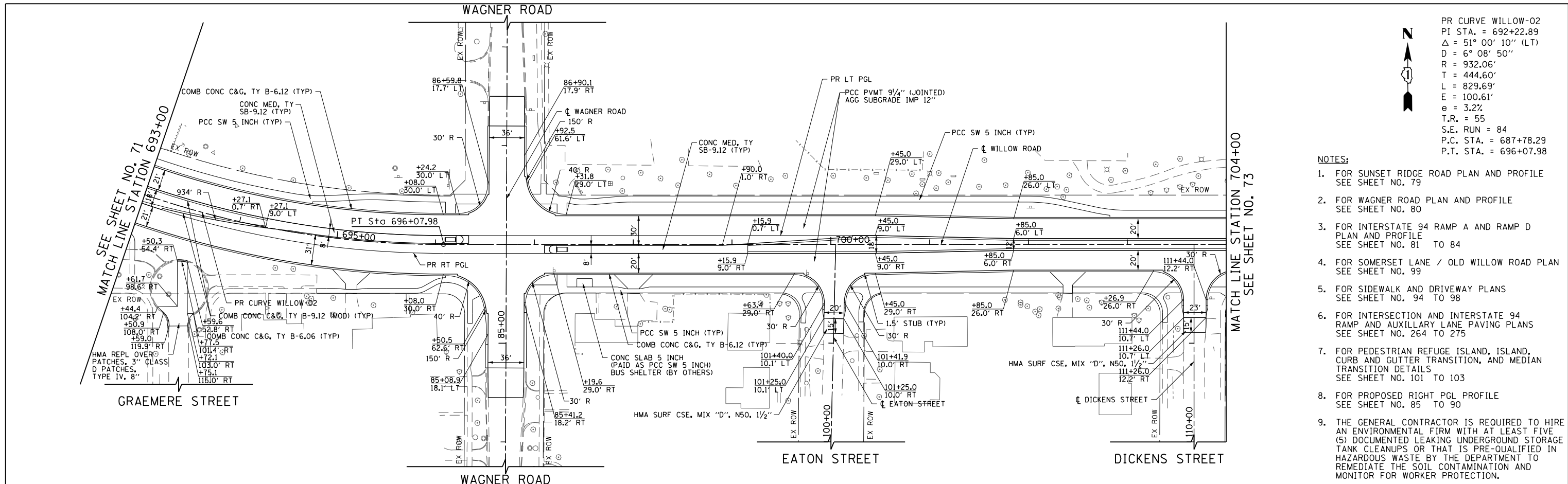
WILLOW ROAD PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
 VERT: 1"=5'
 SHEET NO. 71 OF 919 SHEETS STA. 683+00 TO STA. 693+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	71
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

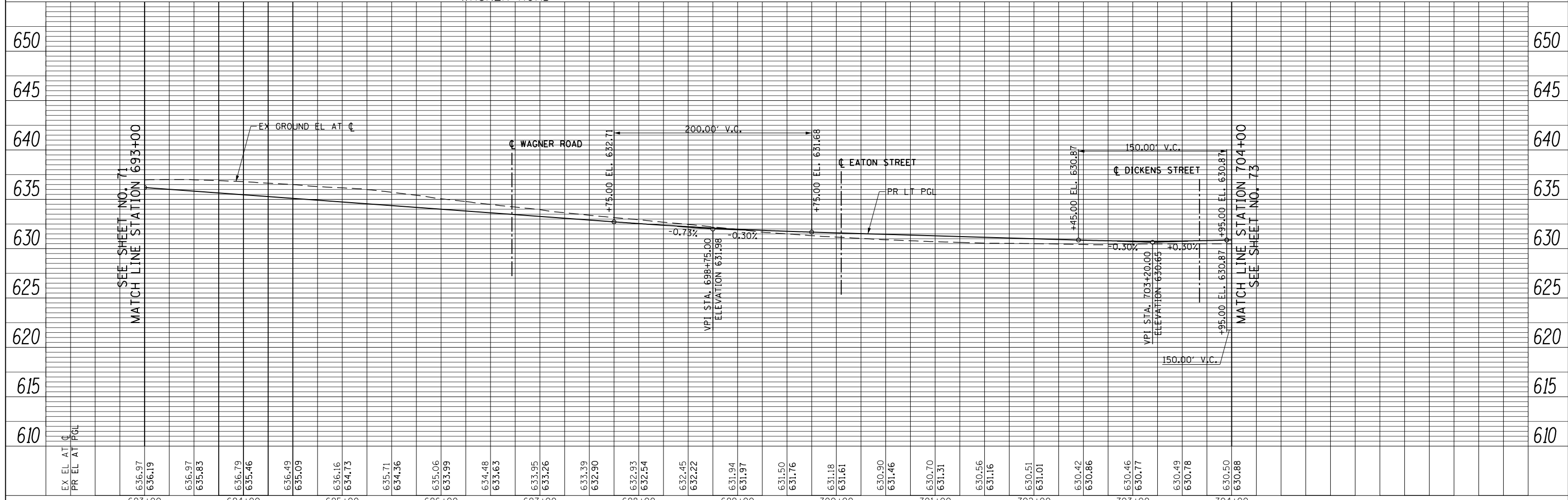
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NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	FILE NAME	

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



PR CURVE WILLOW-02
 PI STA. = 692+22.89
 $\Delta = 51^\circ 00' 10''$ (LT)
 D = 6' 08' 50''
 R = 932.06'
 T = 444.60'
 L = 829.69'
 E = 100.61'
 e = 3.2%
 T.R. = 55
 S.E. RUN = 84
 P.C. STA. = 687+78.29
 P.T. STA. = 696+07.98

- NOTES:
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

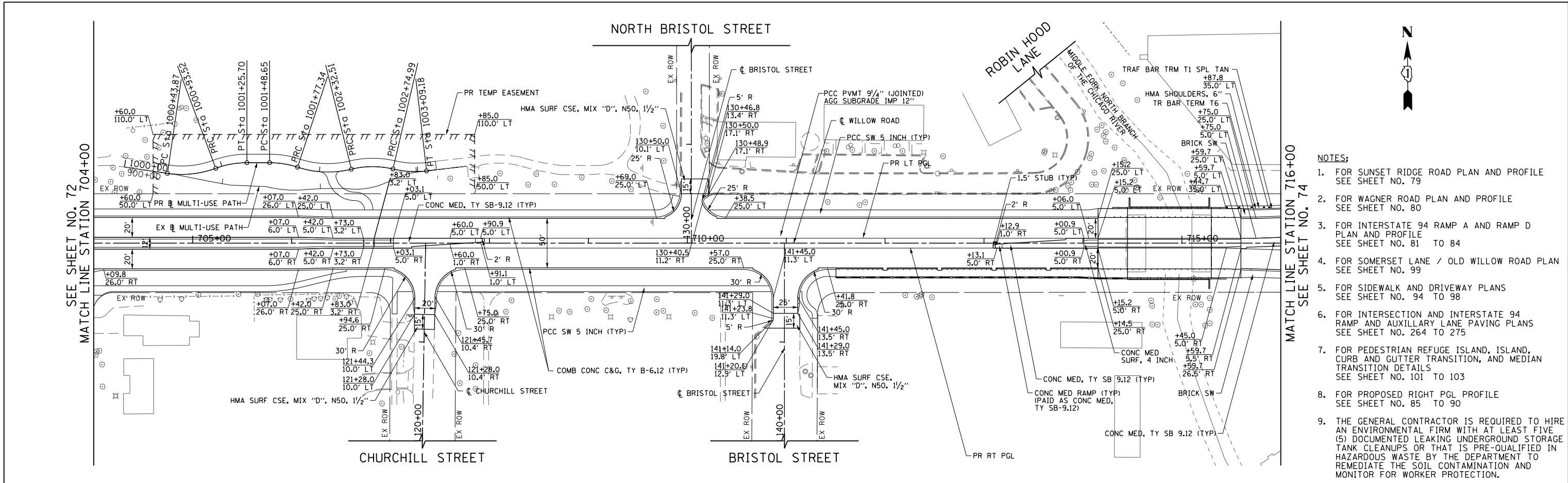
WILLOW ROAD PLAN AND PROFILE

SCALE: HORIZ. 1"=50' VERT. 1"=5' SHEET NO. 72 OF 919 SHEETS STA. 693+00 TO STA. 704+00

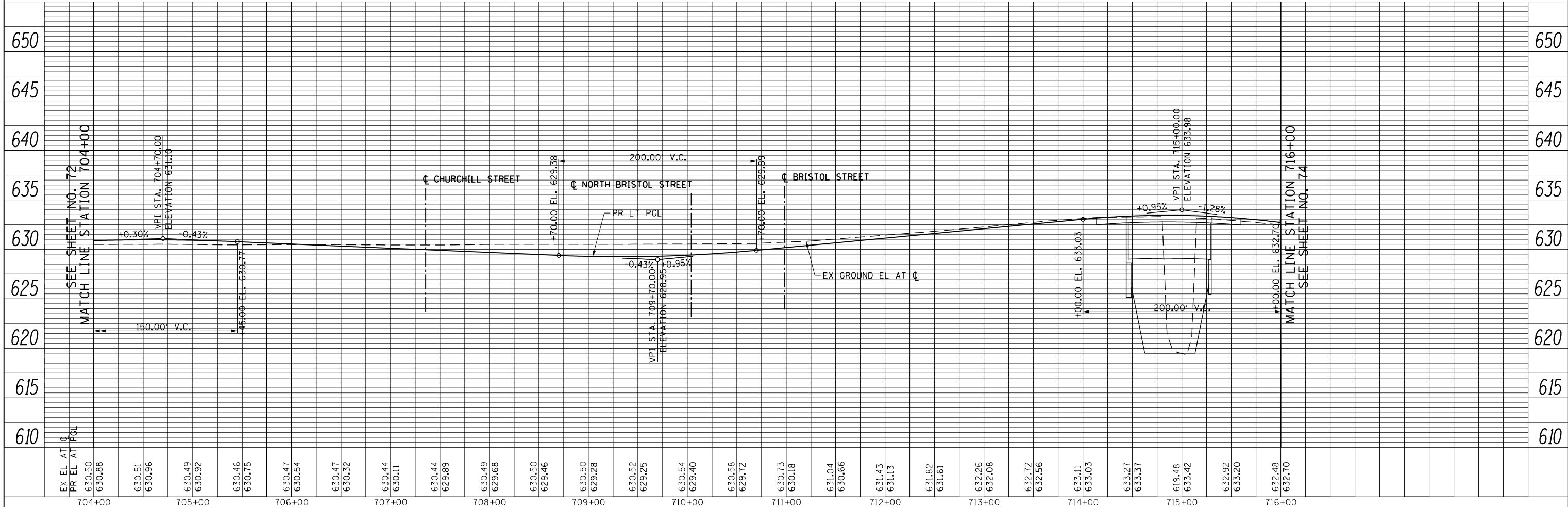
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	72
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



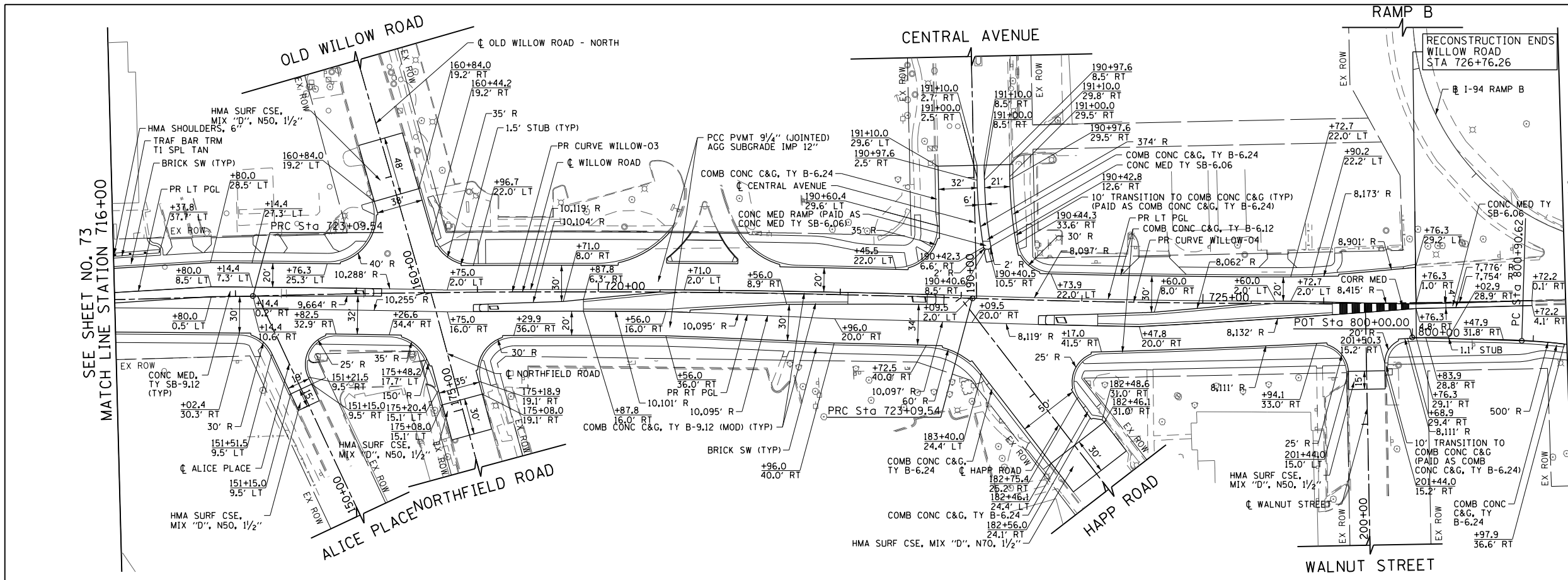
- NOTES:**
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



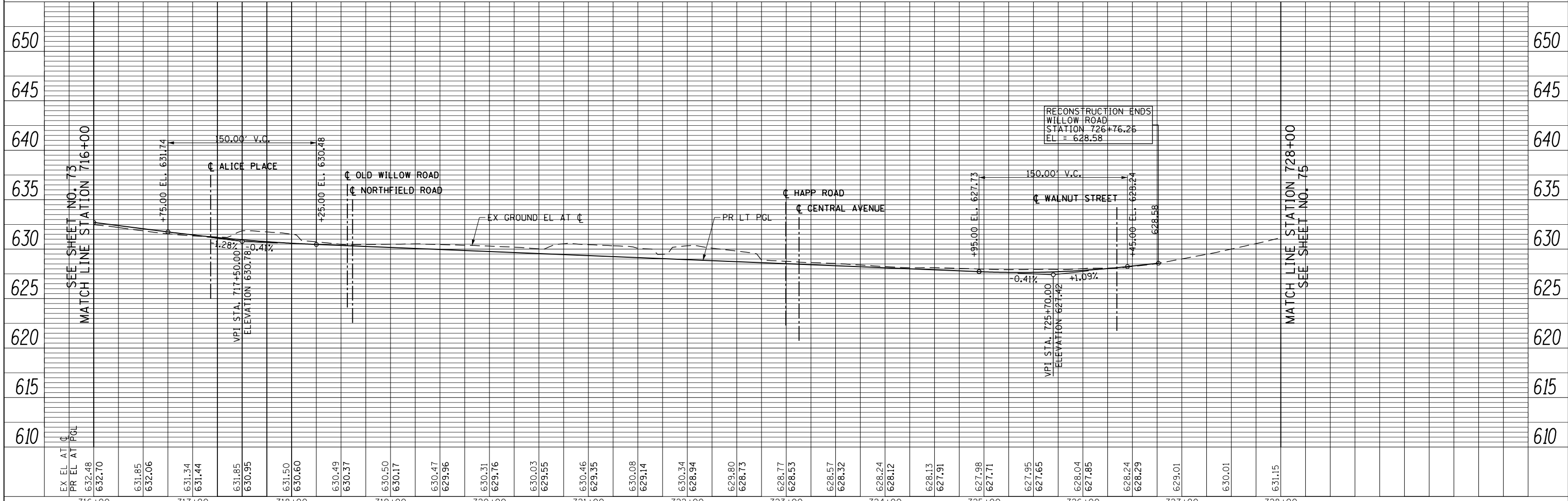
FILE NAME = g:\ch11\0158\road\Sheets\160135-SHT-PLNPRF-08.dgn	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	F.A.P. RTE. 305	SECTION (1920.01,1518,2022&1922.4BR)	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 73
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISOR -	SCALE: HORIZ. 1"=50'	WILLOW ROAD PLAN AND PROFILE				
PLOT DATE = 11/28/2012	DATE = 10/31/2012	REVISOR -	VER. 1"=5'	SHEET NO. 73 OF 919 SHEETS STA. 704+00 TO STA. 716+00				
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION							CONTRACT NO. 60T35	
							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		
	NO.		



- RECONSTRUCTION ENDS
WILLOW ROAD
STA 726+76.26
- PR CURVE WILLOW-03
PI STA. = 720+12.05
Δ = 3° 22' 14" (RT)
D = 0° 33' 59"
R = 10,117.00'
T = 297.66'
L = 595.14'
E = 4.38'
e = NC
P.C. STA. = 717+14.39
P.T. STA. = 723+09.54
- PR CURVE WILLOW-04
PI STA. = 725+60.69
Δ = 3° 33' 09" (LT)
D = 0° 42' 27"
R = 8,098.70'
T = 251.15'
L = 502.15'
E = 3.89'
e = NC
P.C. STA. = 723+09.54
P.T. STA. = 728+11.68
- NOTES:
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



FILE NAME =	USER NAME = BAW\rt	DESIGNED - JLV	REVISED -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch11\0158\road\Sheets\DI60135-SHT-PLNPRF-09.dgn		DRAWN - KAL	REVISED -	305	(1920.01,1518,2022&1922.4BR)	COOK	919	74
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -	CONTRACT NO. 60T35				
PLOT DATE = 11/28/2012		DATE = 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

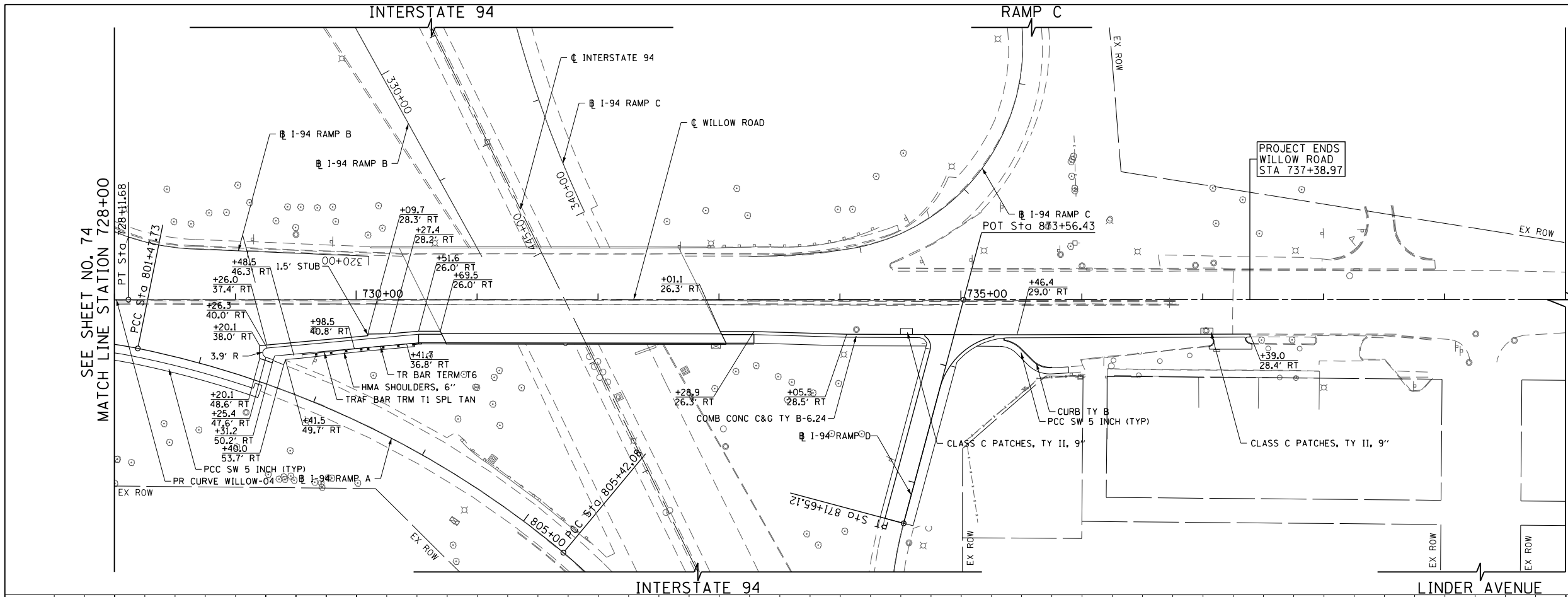
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WILLOW ROAD PLAN AND PROFILE

SCALE: HORIZ. 1"=50'
VERT. 1"=5'
SHEET NO. 74 OF 919 SHEETS
STA. 716+00 TO STA. 728+00

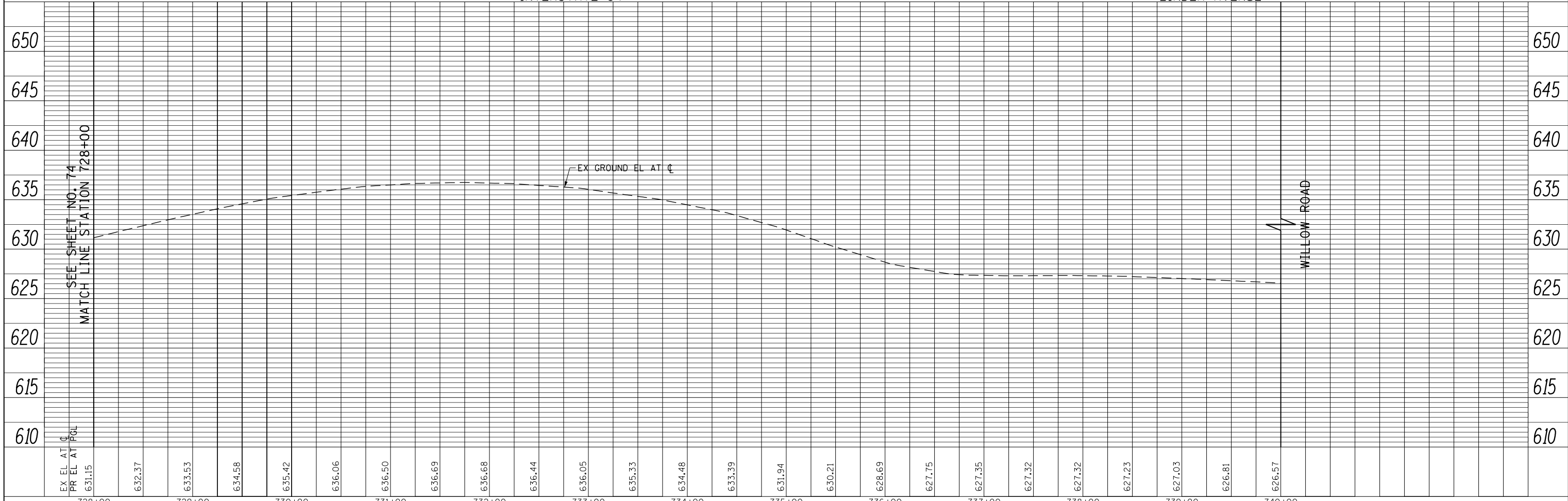
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	PLOTTED		
	CHECKED		
	ALIGNED		
	CAD FILE NAME		
	NO.		

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



PR CURVE WILLOW-04
 PI STA. = 725+60.69
 $\Delta = 3^\circ 33' 09''$ (LT)
 $D = 0^\circ 42' 27''$
 $R = 8,098.70'$
 $T = 251.15'$
 $L = 502.15'$
 $E = 3.89'$
 $e = NC$
 P.C. STA. = 723+09.54
 P.T. STA. = 728+11.68

- NOTES:**
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



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g:\ch11\0158\road\Sheets\0160T35-SHT-PLNPRF-10.dgn		DRAWN - KAL	REVISED -
		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

WILLOW ROAD PLAN AND PROFILE

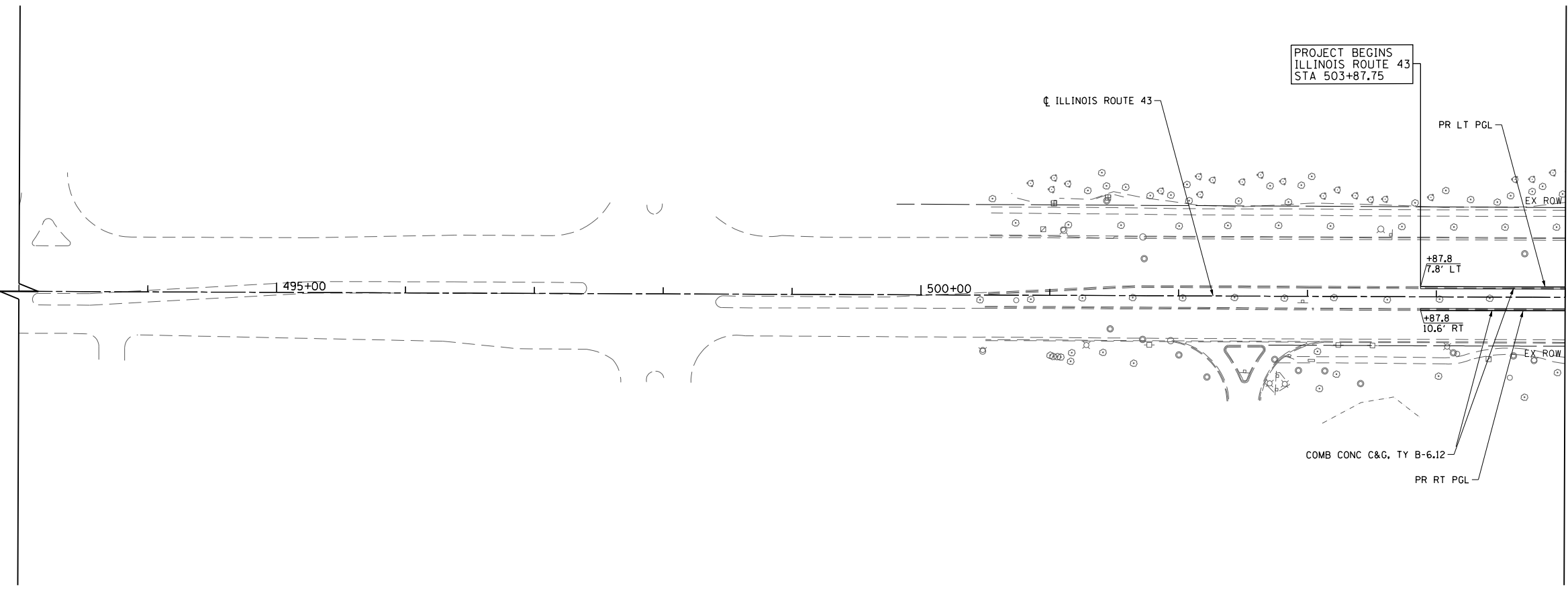
SCALE: HORIZ: 1"=50'
 VERT: 1"=5'
 SHEET NO. 75 OF 919 SHEETS STA. 728+00 TO STA. 740+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922,4BR)	COOK	919	75
CONTRACT NO. 60T35			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

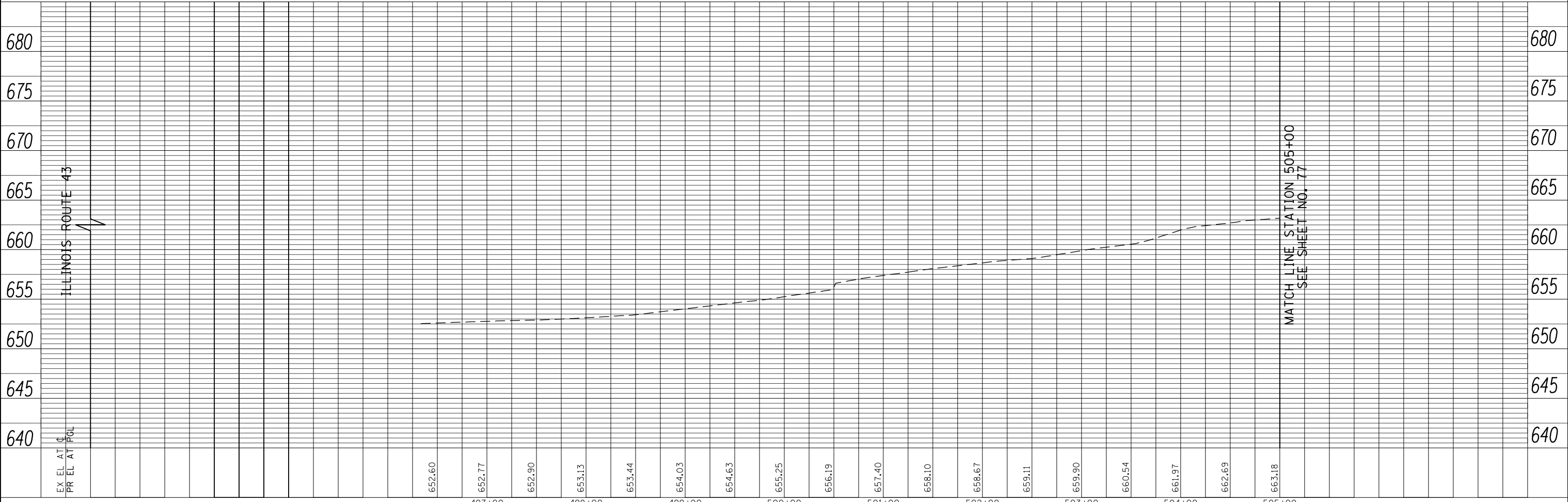
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

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

ILLINOIS ROUTE 43



- NOTES:**
1. FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 2. FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 3. FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 4. FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 5. FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 6. FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 7. FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 8. FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 9. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.001' / in.		CHECKED - RCB	REVISED -	CONTRACT NO. 60T35				
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

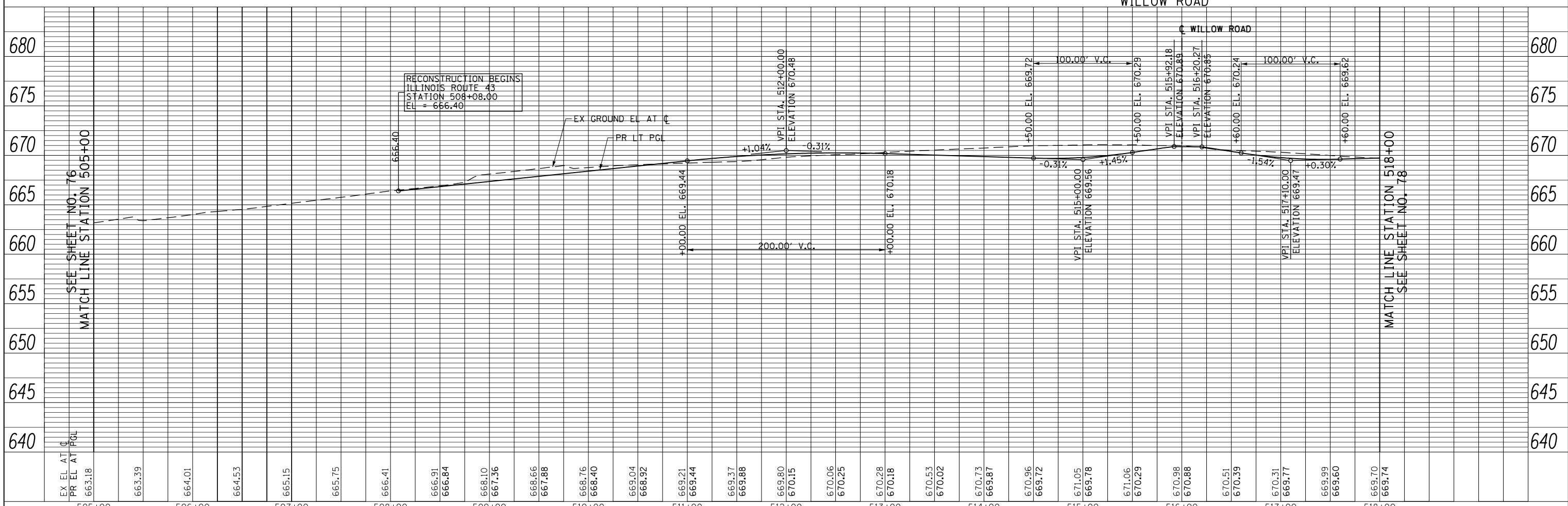
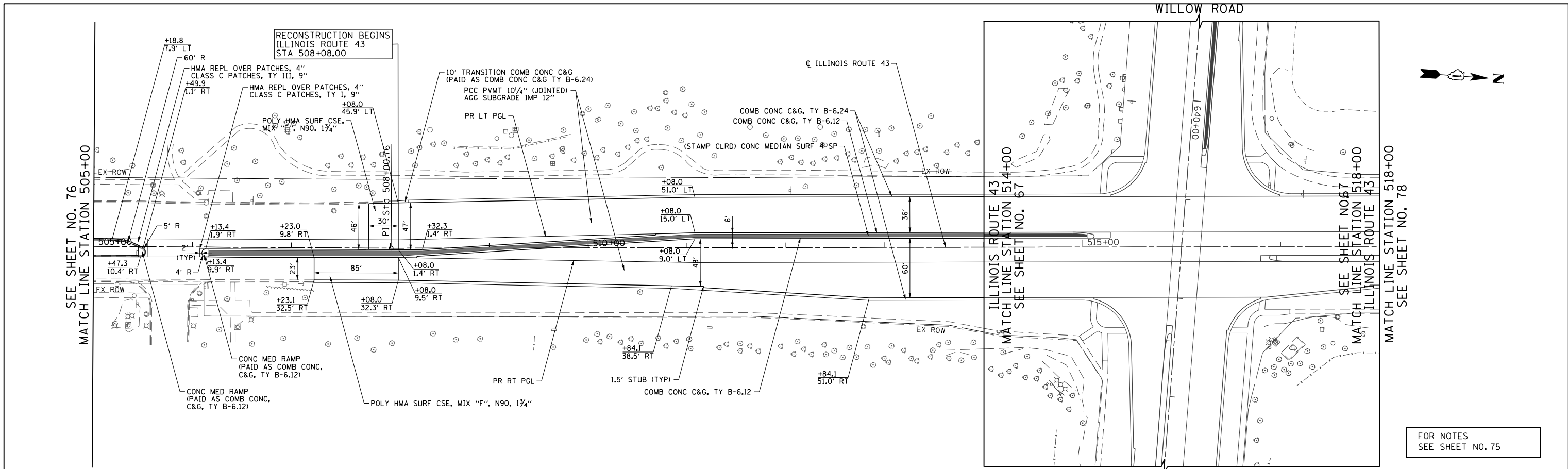
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 43 PLAN AND PROFILE

SCALE: HORIZ: 1"=50' VERT: 1"=5' SHEET NO. 76 OF 919 SHEETS STA. 493+00 TO STA. 505+00

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILE NAME	
	NO.	

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

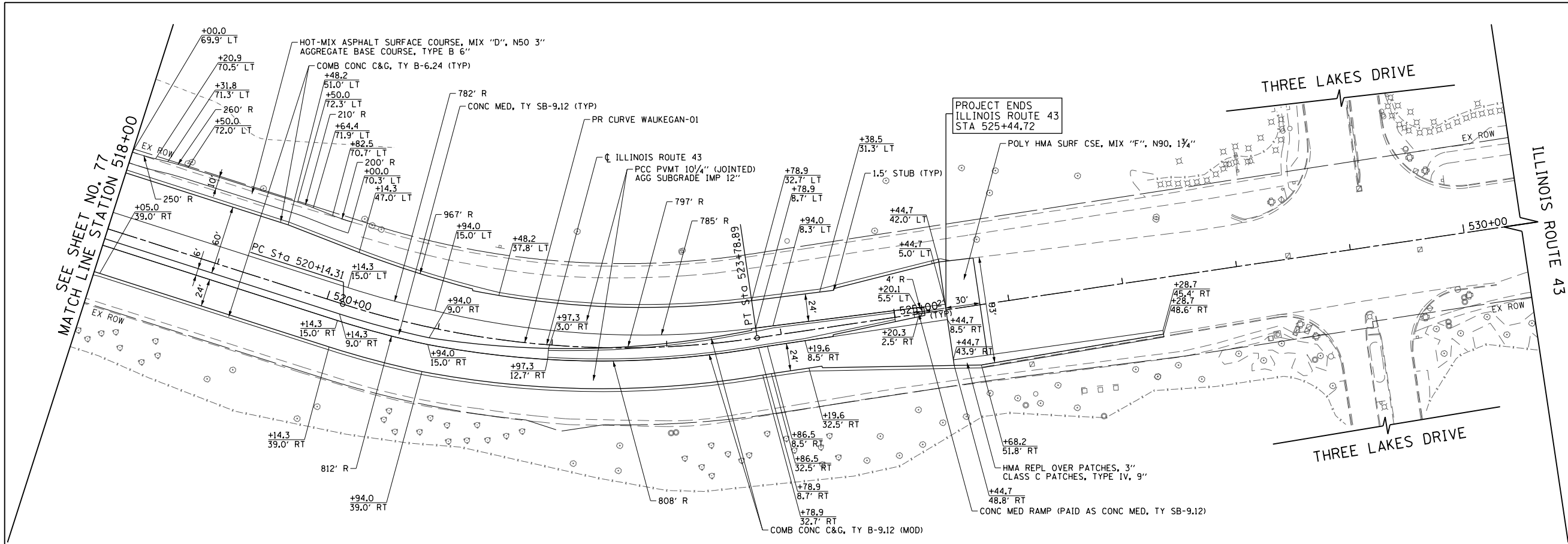


FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 43 PLAN AND PROFILE	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\1160T35-SHT-PLNPRF-11.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	77	
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

FOR NOTES
SEE SHEET NO. 75

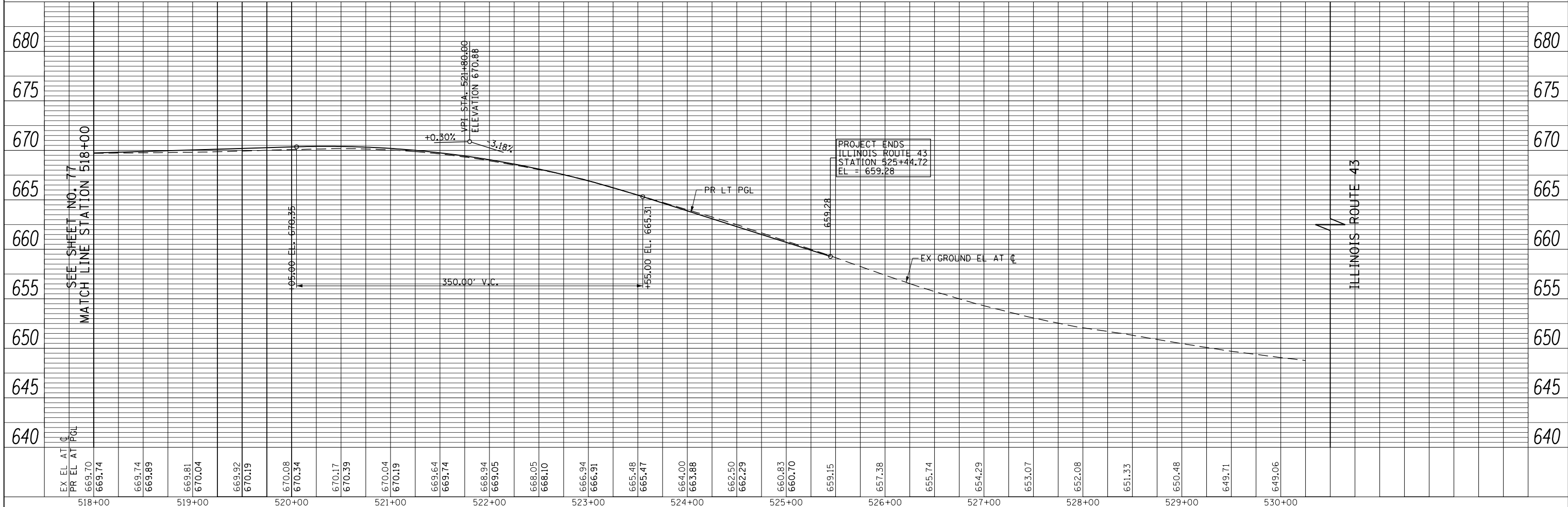
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	PLOTTED		
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	ALIGNED		
	FILED		
NOTE BOOK NO.	CADD FILE NAME		

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



PR CURVE WAUKEGAN-01
 PI STA. = 521+99.85
 $\Delta = 26^\circ 12' 25''$ (LT)
 D = 7° 11' 18"
 R = 797.07'
 T = 185.53'
 L = 364.58'
 E = 21.31'
 e = 4%
 T.R. = 71
 S.E. RUN = 135
 P.C. STA. = 520+14.31
 P.T. STA. = 523+78.89

FOR NOTES
 SEE SHEET NO. 75

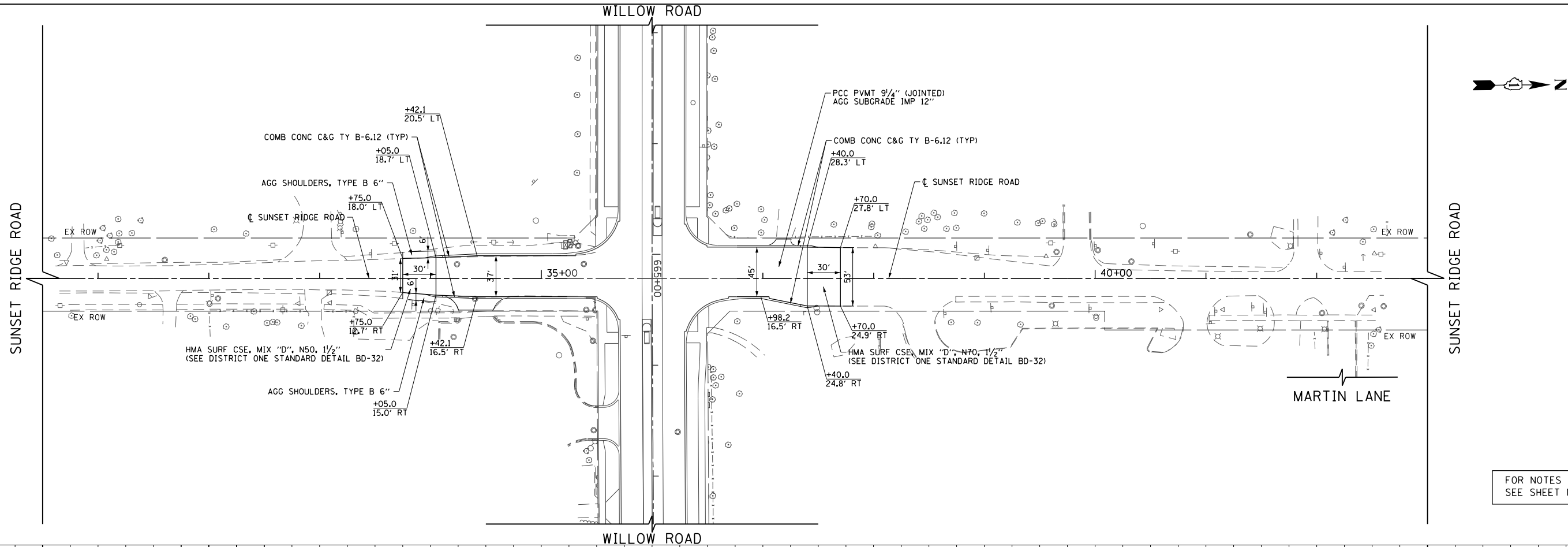


FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 43 PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch11\0158\road\Sheets\160135-SHT-PLNPRF-12.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922.4)BR	COOK	919	78	
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

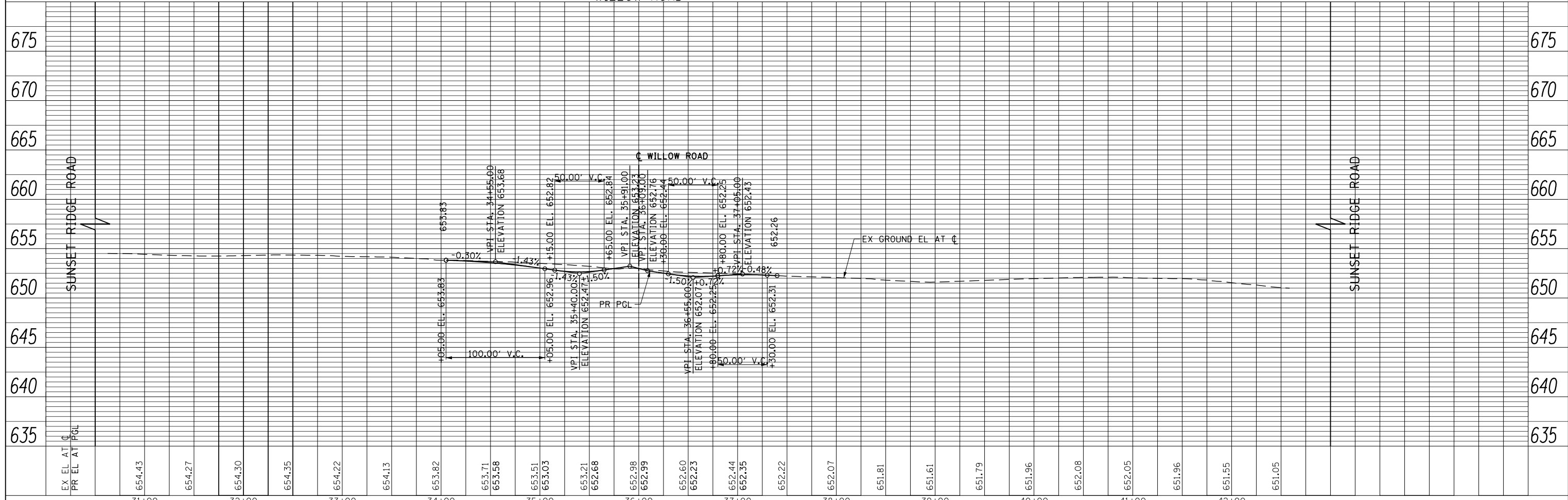
SCALE: HORIZ: 1"=50'
 VERT: 1"=5'
 SHEET NO. 78 OF 919 SHEETS
 STA. 518+00 TO STA. 530+50

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

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



FOR NOTES
SEE SHEET NO. 75



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

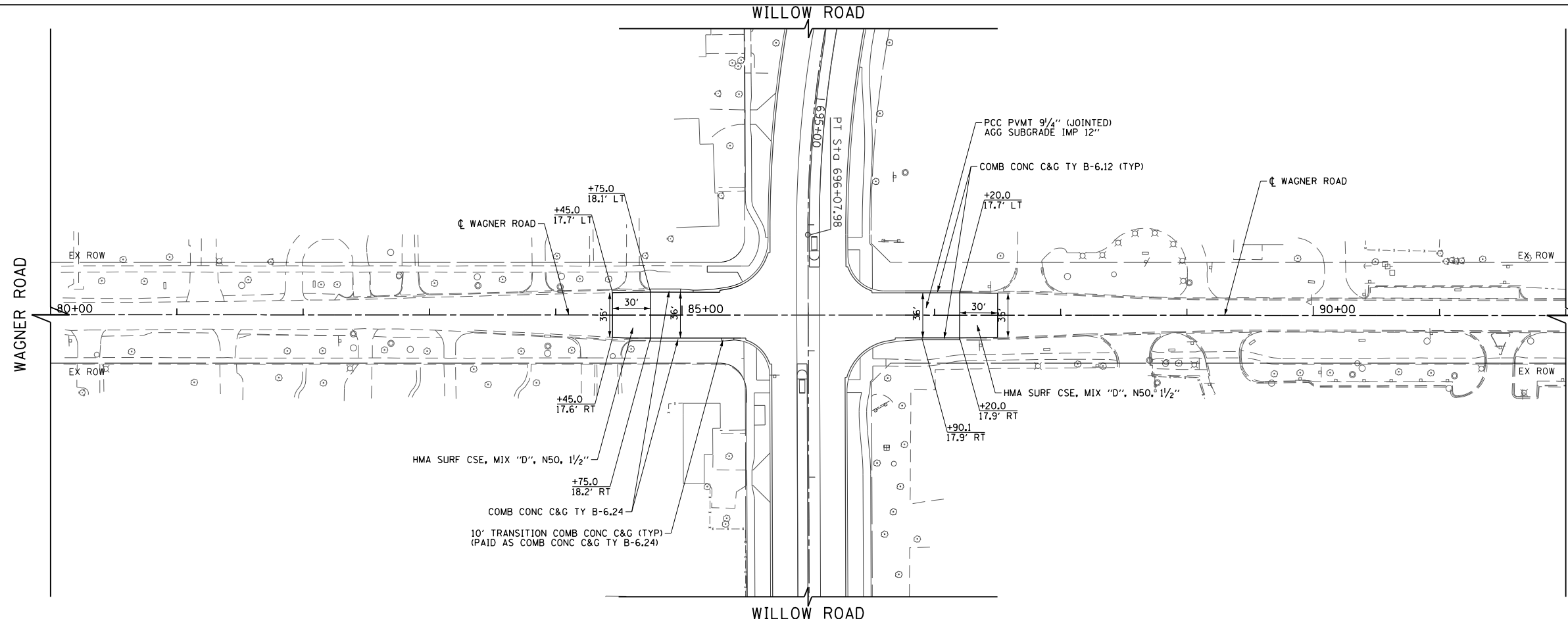
SUNSET RIDGE ROAD PLAN AND PROFILE

SCALE: HORIZ. 1"=50'
VERT. 1"=5'
SHEET NO. 79 OF 919 SHEETS STA. 30+50 TO STA. 43+00

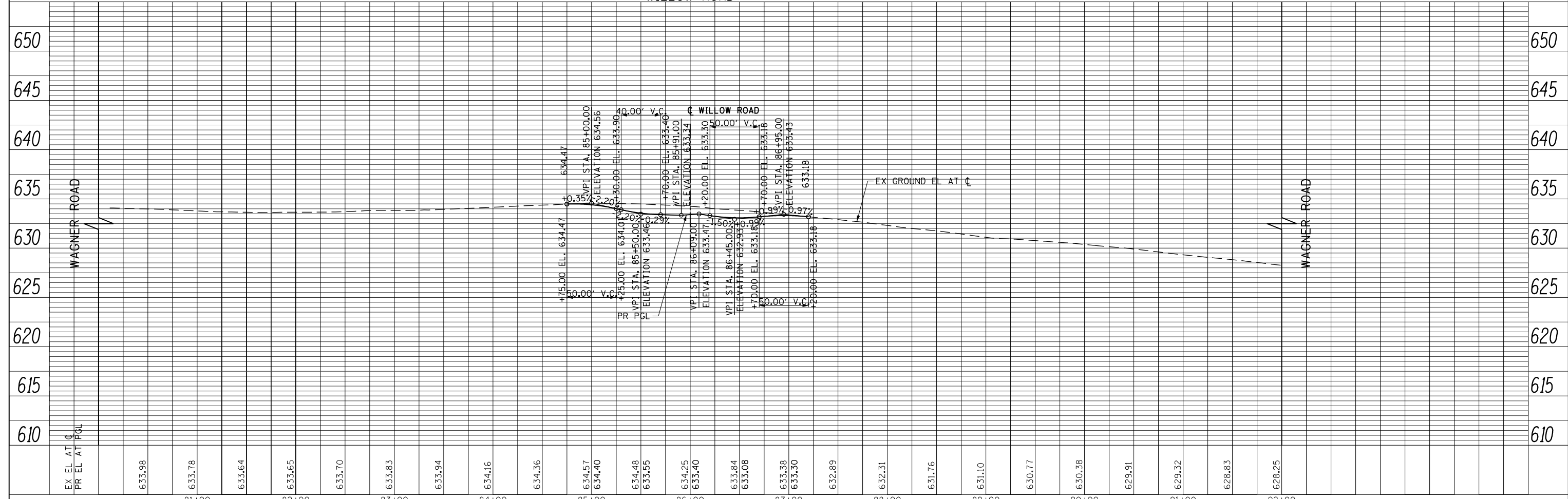
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	79
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



- NOTES:**
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.



FILE NAME = G:\CH11\0158\Road\Sheets\DI60135-SHT-PLNPRF-14.dgn	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED - RCB	DRAWN - KAL	REVISED -
PLOT DATE = 11/28/2012	DATE - 10/31/2012		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

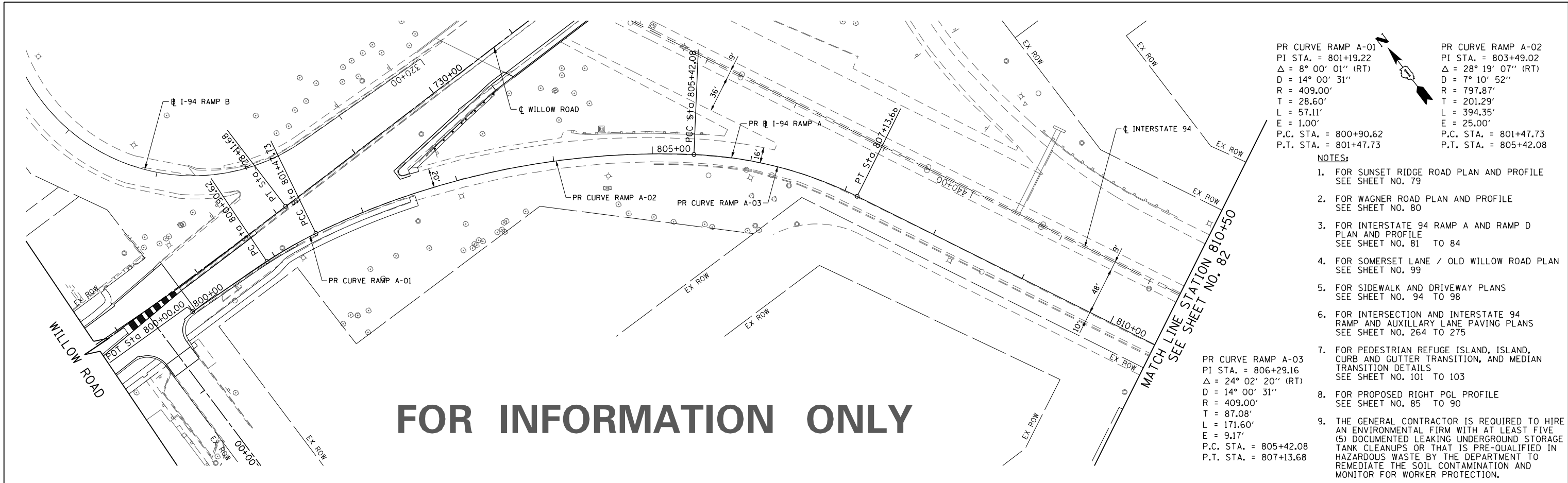
WAGNER ROAD PLAN AND PROFILE

SCALE: HORIZ: 1"=50' VERT: 1"=5' SHEET NO. 80 OF 919 SHEETS STA. 80+00 TO STA. 92+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	80
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

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

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



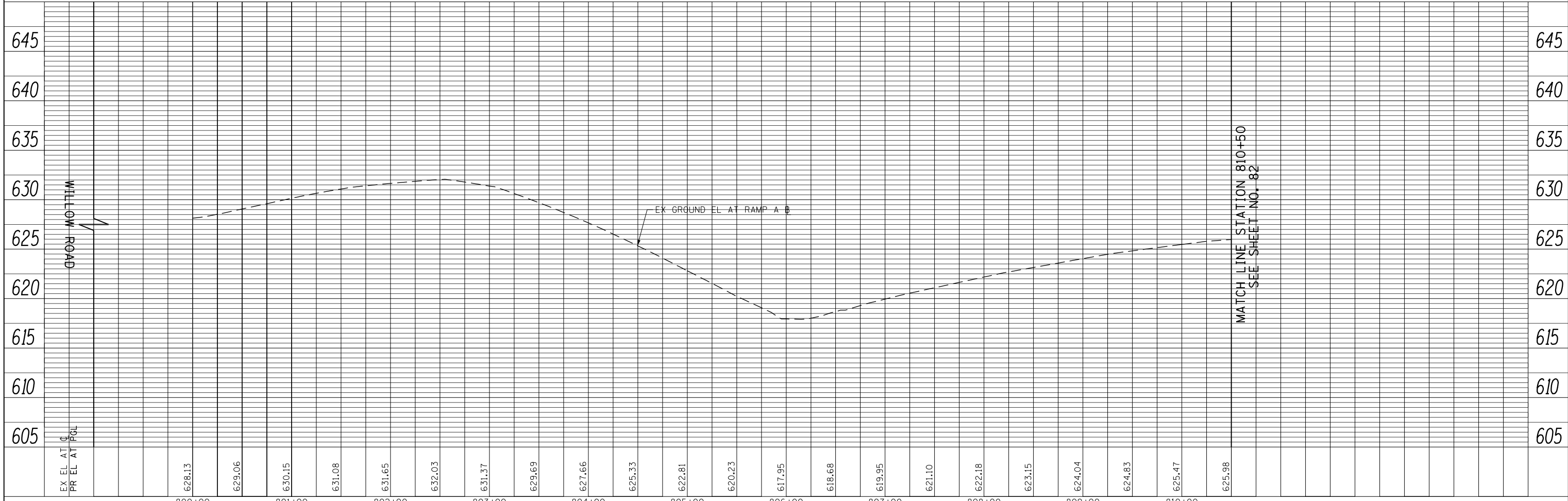
FOR INFORMATION ONLY

PR CURVE RAMP A-01
 PI STA. = 801+19.22
 $\Delta = 8^\circ 00' 01''$ (RT)
 $D = 14^\circ 00' 31''$
 $R = 409.00'$
 $T = 28.60'$
 $L = 57.11'$
 $E = 1.00'$
 P.C. STA. = 800+90.62
 P.T. STA. = 801+47.73

PR CURVE RAMP A-02
 PI STA. = 803+49.02
 $\Delta = 28^\circ 19' 07''$ (RT)
 $D = 7^\circ 10' 52''$
 $R = 797.87'$
 $T = 201.29'$
 $L = 394.35'$
 $E = 25.00'$
 P.C. STA. = 801+47.73
 P.T. STA. = 805+42.08

- NOTES:**
- FOR SUNSET RIDGE ROAD PLAN AND PROFILE SEE SHEET NO. 79
 - FOR WAGNER ROAD PLAN AND PROFILE SEE SHEET NO. 80
 - FOR INTERSTATE 94 RAMP A AND RAMP D PLAN AND PROFILE SEE SHEET NO. 81 TO 84
 - FOR SOMERSET LANE / OLD WILLOW ROAD PLAN SEE SHEET NO. 99
 - FOR SIDEWALK AND DRIVEWAY PLANS SEE SHEET NO. 94 TO 98
 - FOR INTERSECTION AND INTERSTATE 94 RAMP AND AUXILIARY LANE PAVING PLANS SEE SHEET NO. 264 TO 275
 - FOR PEDESTRIAN REFUGE ISLAND, ISLAND, CURB AND GUTTER TRANSITION, AND MEDIAN TRANSITION DETAILS SEE SHEET NO. 101 TO 103
 - FOR PROPOSED RIGHT PGL PROFILE SEE SHEET NO. 85 TO 90
 - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.

PR CURVE RAMP A-03
 PI STA. = 806+29.16
 $\Delta = 24^\circ 02' 20''$ (RT)
 $D = 14^\circ 00' 31''$
 $R = 409.00'$
 $T = 87.08'$
 $L = 171.60'$
 $E = 9.17'$
 P.C. STA. = 805+42.08
 P.T. STA. = 807+13.68



FILE NAME =	USER NAME = BAW\jort	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000 / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

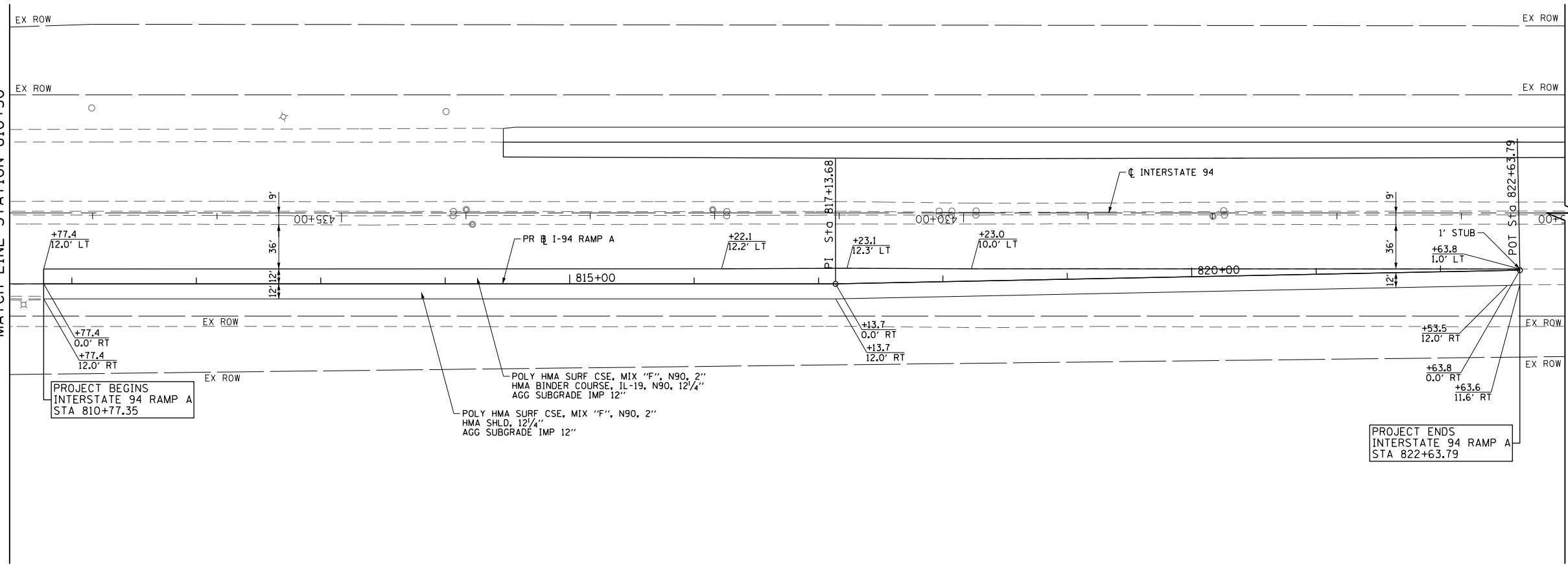
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSTATE 94 RAMP A PLAN AND PROFILE
 SCALE: HORIZ: 1"=50'
 VERT: 1"=5'
 SHEET NO. 81 OF 919 SHEETS STA. 800+00 TO STA. 810+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	81
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

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

SEE SHEET NO. 81
MATCH LINE STATION 810+50



PROJECT BEGINS
INTERSTATE 94 RAMP A
STA 810+77.35

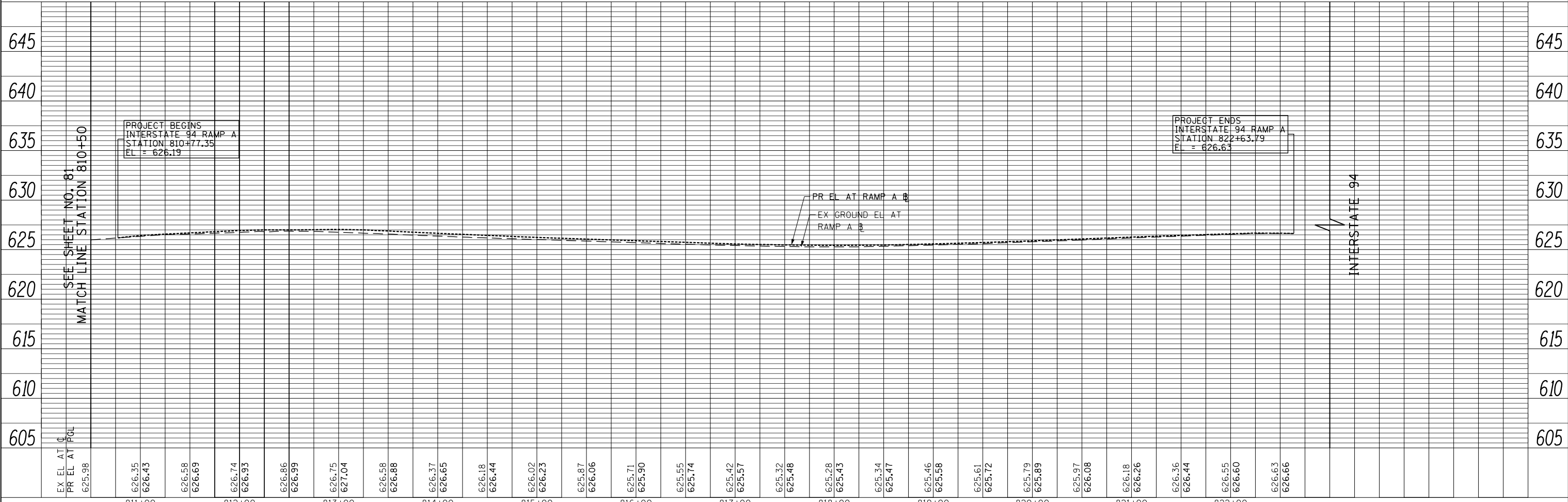
POLY HMA SURF CSE, MIX "F", N90, 2"
HMA SHLD, 12 1/4"
AGG SUBGRADE IMP 12"

PROJECT ENDS
INTERSTATE 94 RAMP A
STA 822+63.79

FOR NOTES
SEE SHEET NO. 75

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

SEE SHEET NO. 81
MATCH LINE STATION 810+50



EX EL AT PGL	PR EL AT RAMP A	625.38	626.35	626.43	626.58	626.69	626.74	626.93	626.96	626.99	626.75	627.04	626.58	626.98	626.37	626.65	626.18	626.44	626.02	626.23	625.87	626.06	625.71	625.90	625.55	625.74	625.42	625.57	625.32	625.48	625.28	625.43	625.34	625.47	625.46	625.58	625.61	625.72	625.79	625.89	625.97	626.08	626.18	626.26	626.36	626.44	626.55	626.60	626.63	626.66					
		811+00	812+00	813+00	814+00	815+00	816+00	817+00	818+00	819+00	820+00	821+00	822+00																																										

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

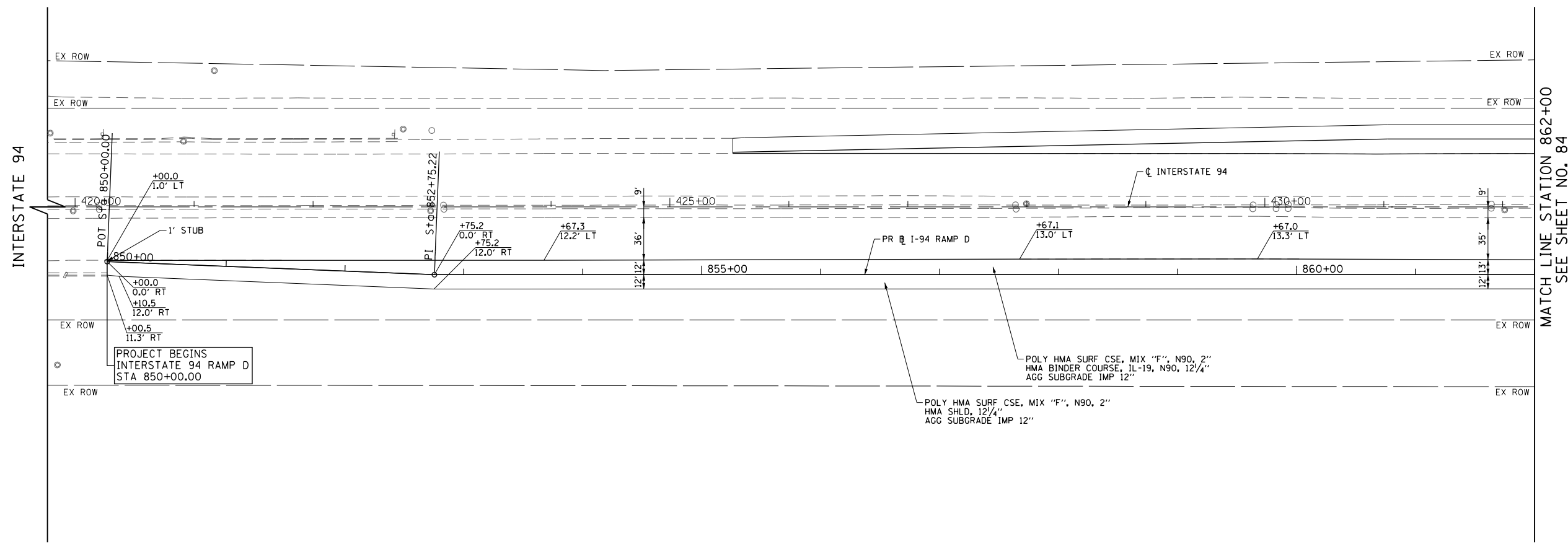
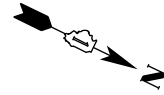
INTERSTATE 94 RAMP A PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	82
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

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

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

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

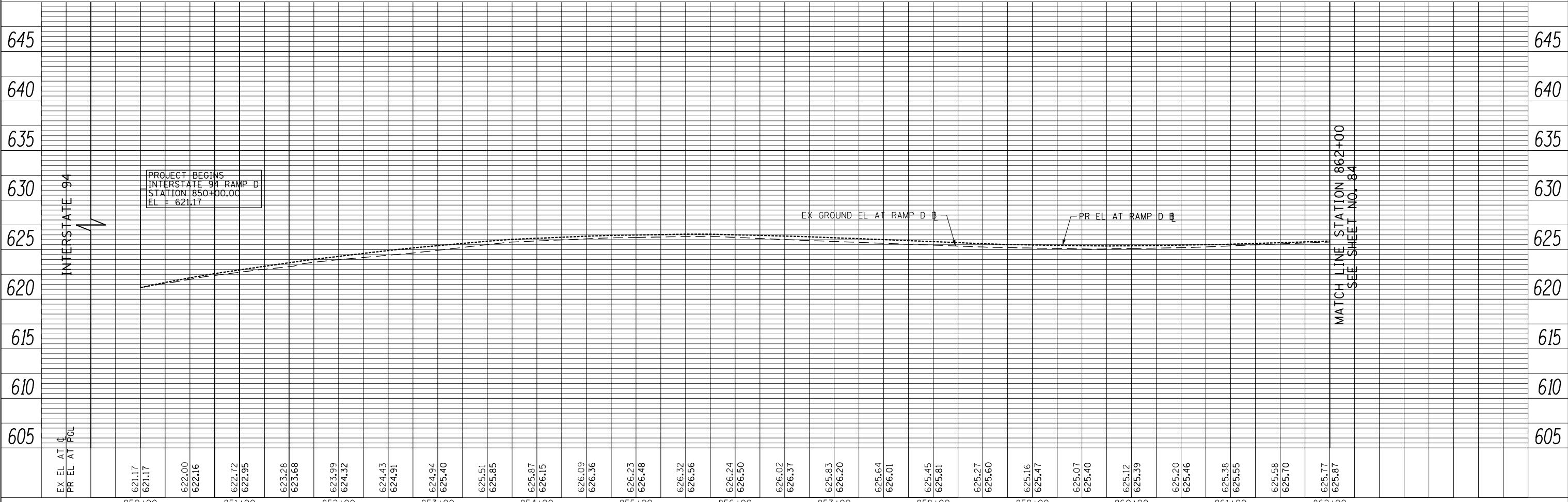


MATCH LINE STATION 862+00
SEE SHEET NO. 84

PROJECT BEGINS
INTERSTATE 94 RAMP D
STA 850+00.00

POLY HMA SURF CSE, MIX "F", N90, 2"
HMA SHLD, 12 1/4"
AGG SUBGRADE IMP 12"

FOR NOTES
SEE SHEET NO. 75



MATCH LINE STATION 862+00
SEE SHEET NO. 84

FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
g:\ch11\0158\road\Sheets\DI60T35-SHT-PLN\PRF-17.dgn		DRAWN - MNB	REVISED -
PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

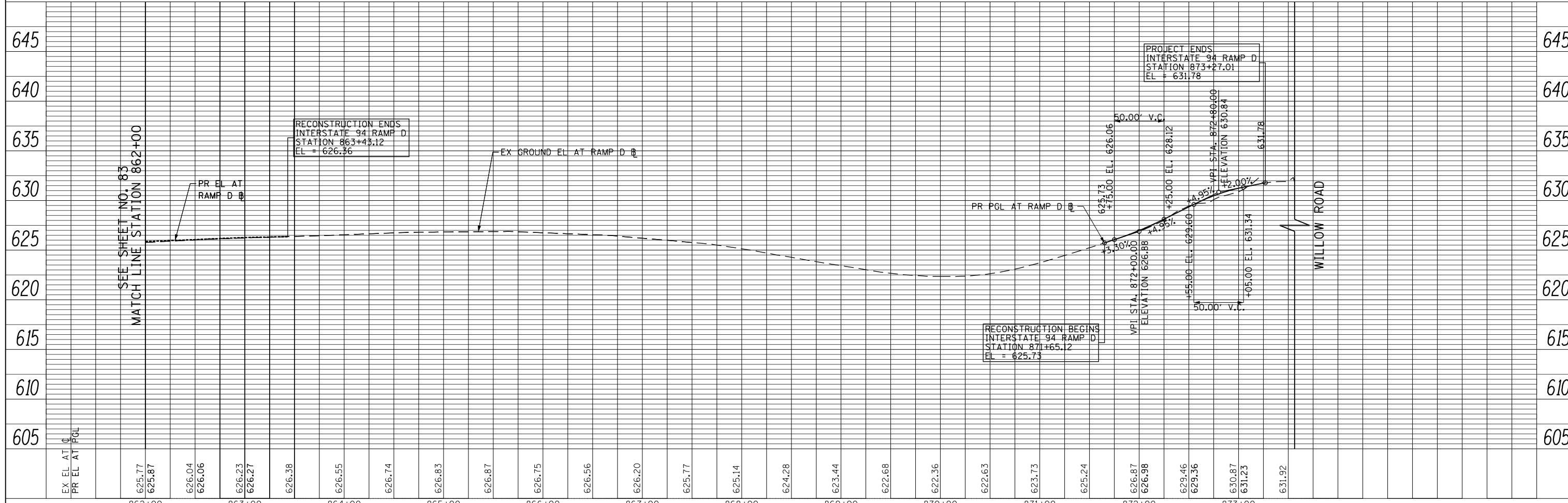
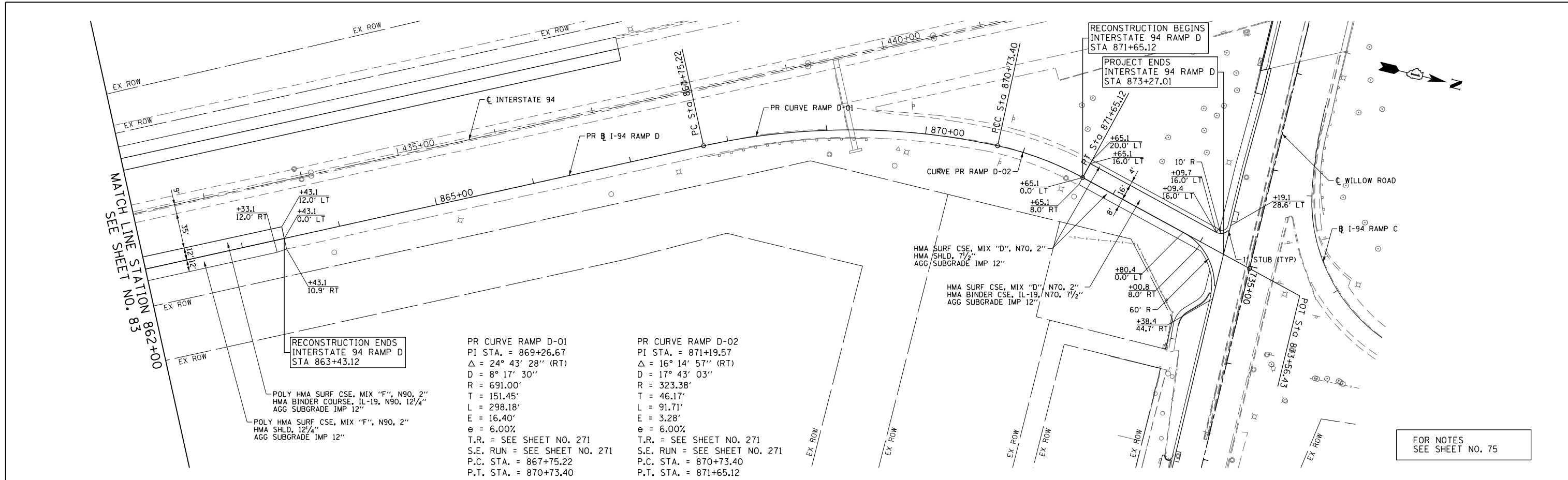
INTERSTATE 94 RAMP D PLAN AND PROFILE

SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 83 OF 919 SHEETS
STA. 850+00 TO STA. 862+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	83
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILE NAME		
	NO.		

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



FILE NAME =	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -
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PLOT SCALE = 100.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

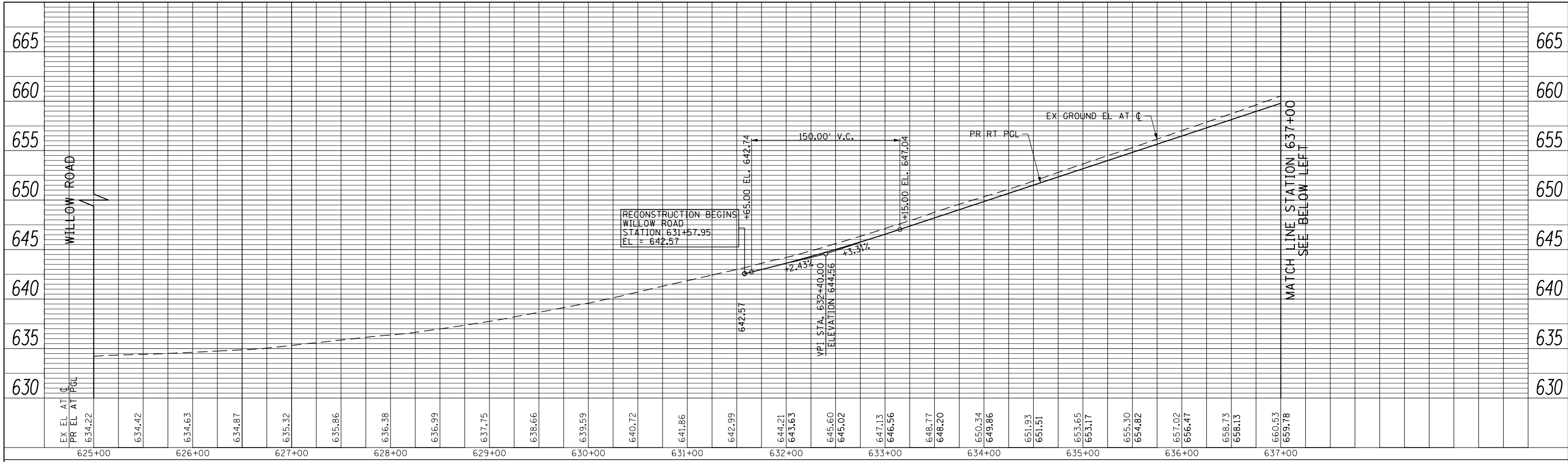
INTERSTATE 94 RAMP D PLAN AND PROFILE

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

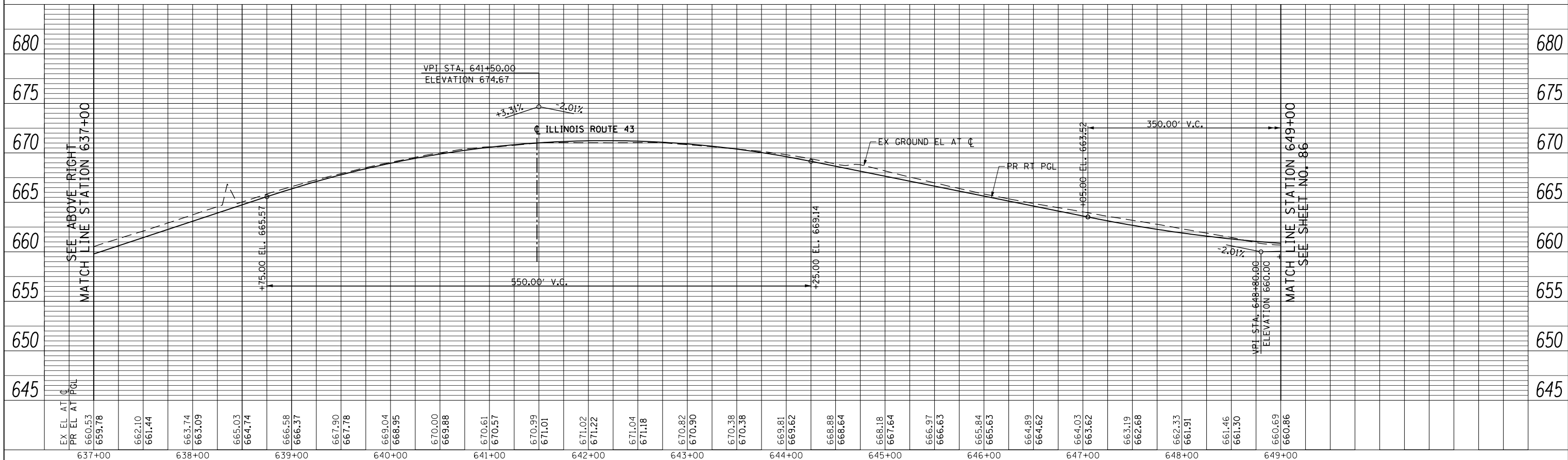
SHEET NO. 84 OF 919 SHEETS STA. 862+00 TO STA. 873+56

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	84
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

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



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



FILE NAME =	USER NAME = BAW:ort	DESIGNED -	JLV	REVISED -	
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	PLOT SCALE = 100.000' / in.	CHECKED -	RCB	REVISED -	
	PLOT DATE = 11/1/2012	DATE -	10/31/2012	REVISED -	

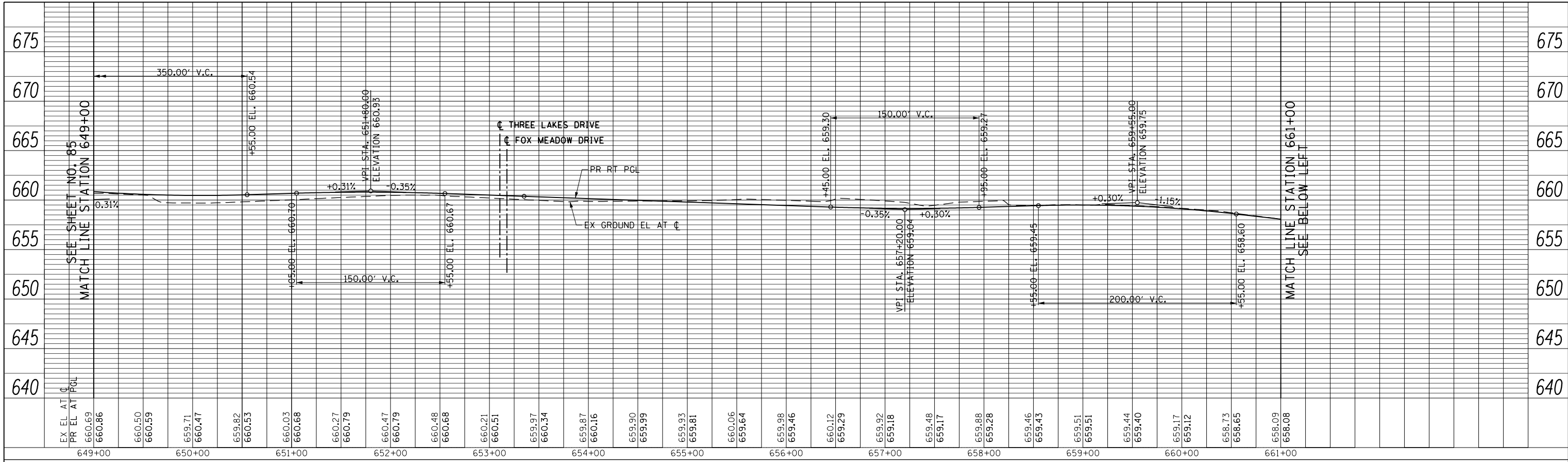
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WILLOW ROAD PROFILE

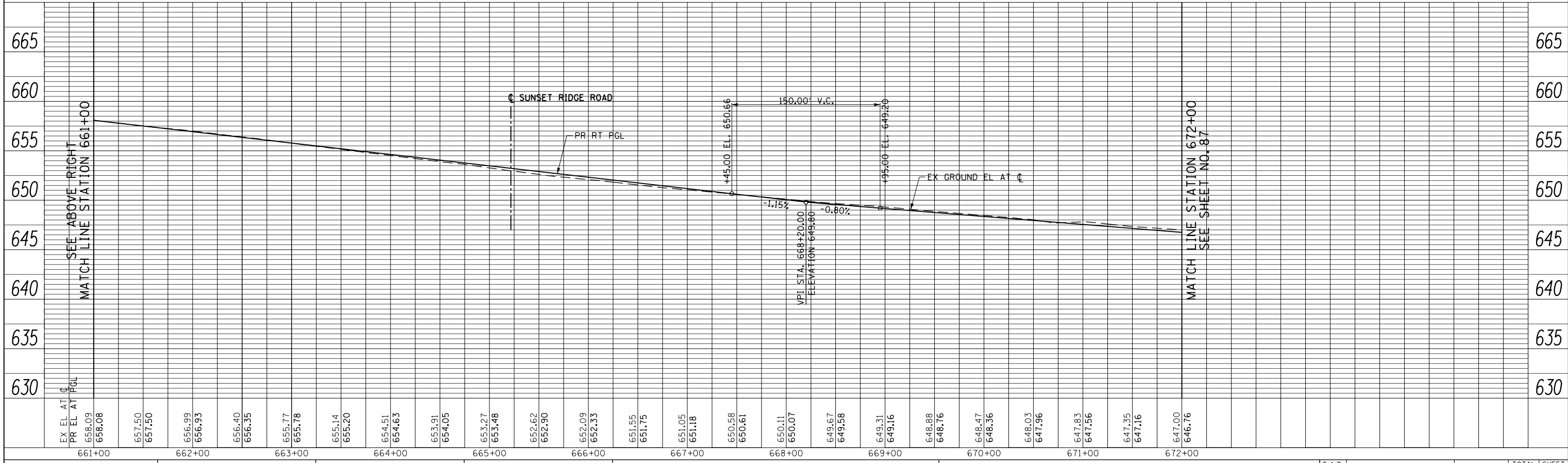
SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 85 OF 919 SHEETS
STA. 625+00 TO STA. 649+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	85
CONTRACT NO. 60T35				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNED		
	STRUCTURE		
	NOTARIS CHKD		
NOTE BOOK NO.	CADD FILE NAME		



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



FILE NAME =	USER NAME = BAW:ort	DESIGNED -	JLV	REVISED -
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		CHECKED -	RCB	REVISED -
		DATE -	10/31/2012	REVISED -

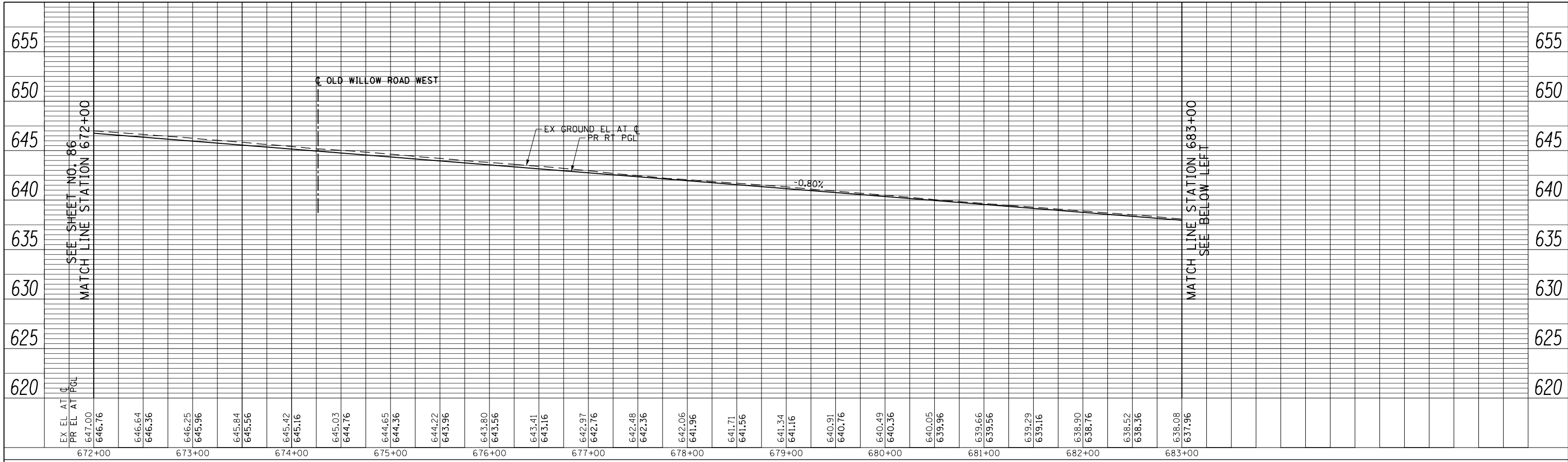
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WILLOW ROAD PROFILE

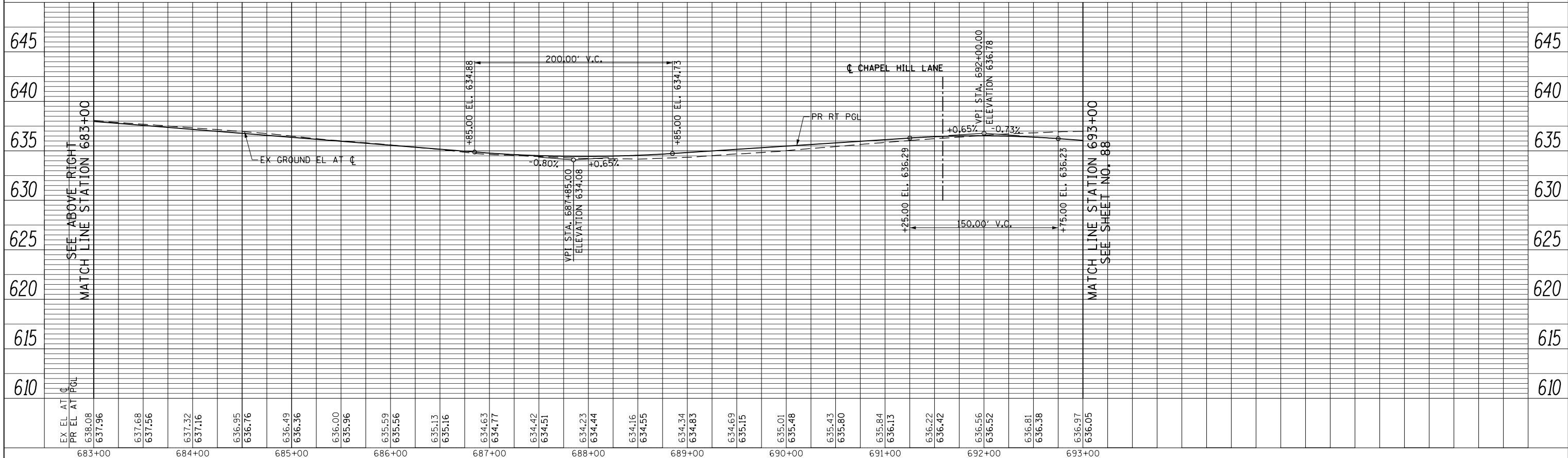
SCALE: HORIZ: 1"=50'
VERT: 1"=5'
SHEET NO. 86 OF 919 SHEETS
STA. 649+00 TO STA. 672+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	86
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

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

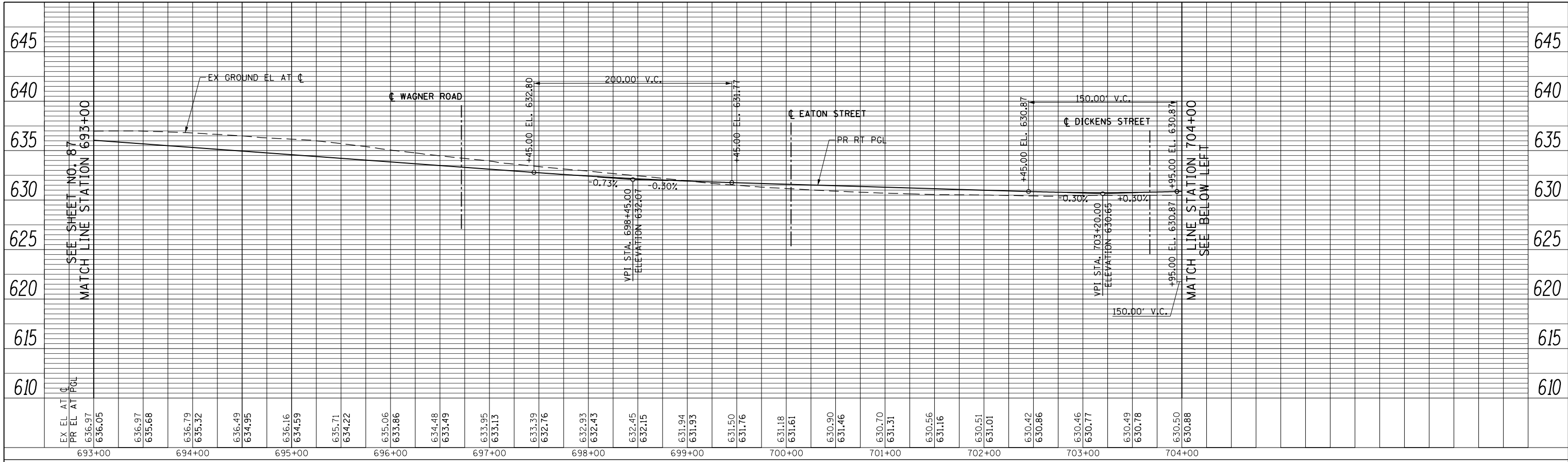


PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

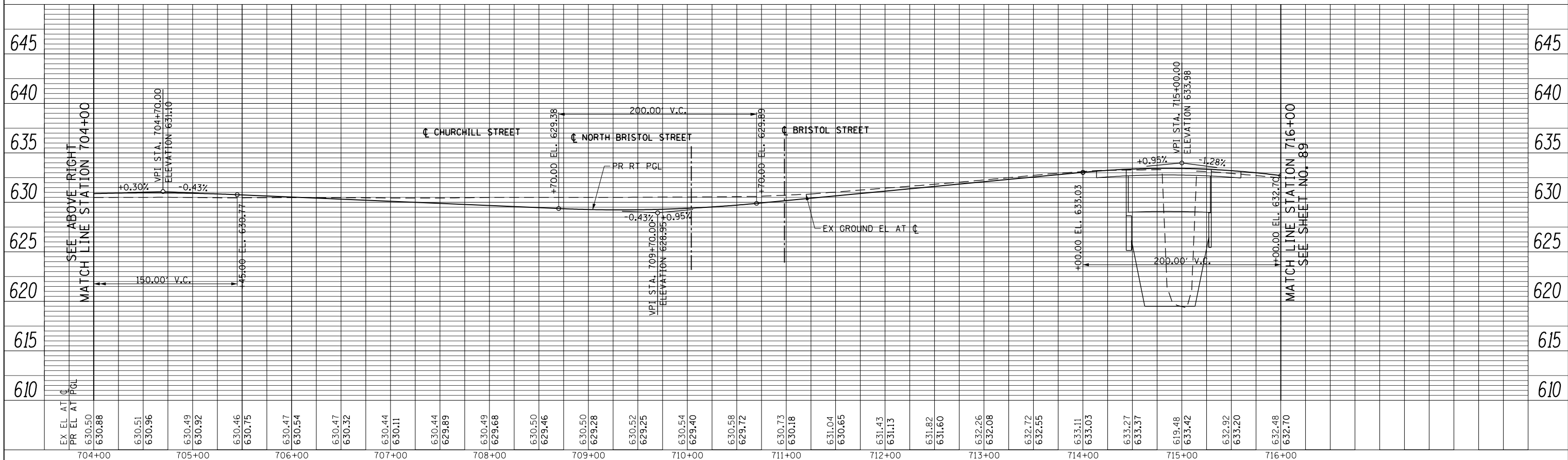


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PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	SCALE: HORIZ: 1"=50'			SHEET NO. 87 OF 919 SHEETS	STA. 672+00 TO STA. 693+00	CONTRACT NO. 60T35		
PLOT DATE = 11/28/2012	DATE - 10/31/2012	REVISED -	VERT: 1"=5'			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	CHECKED		
	FILE NAME		



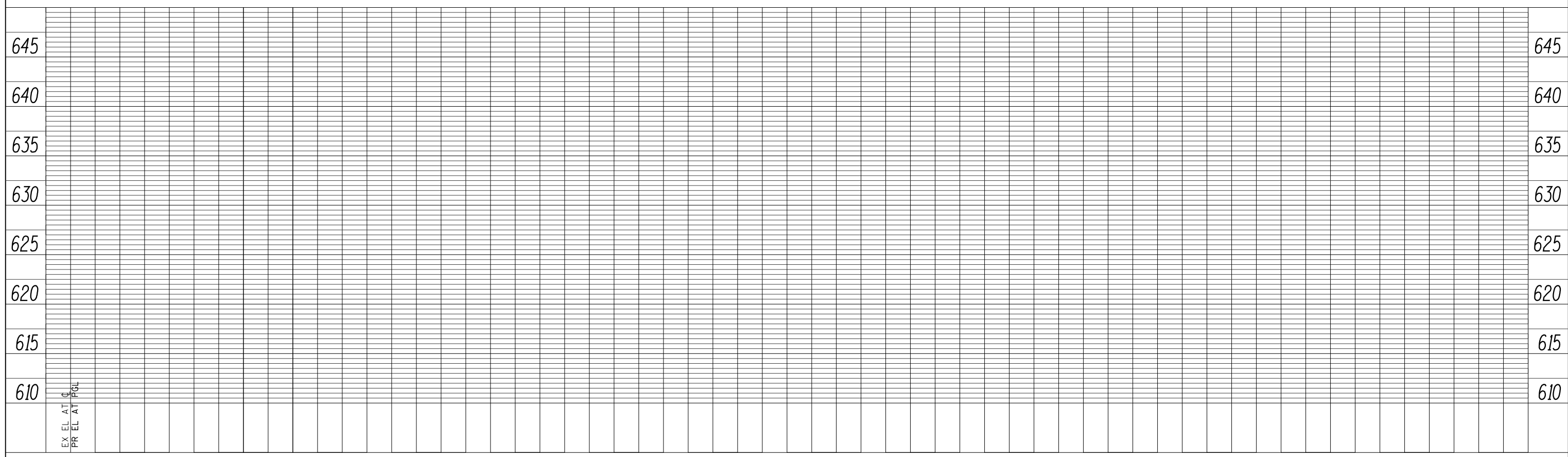
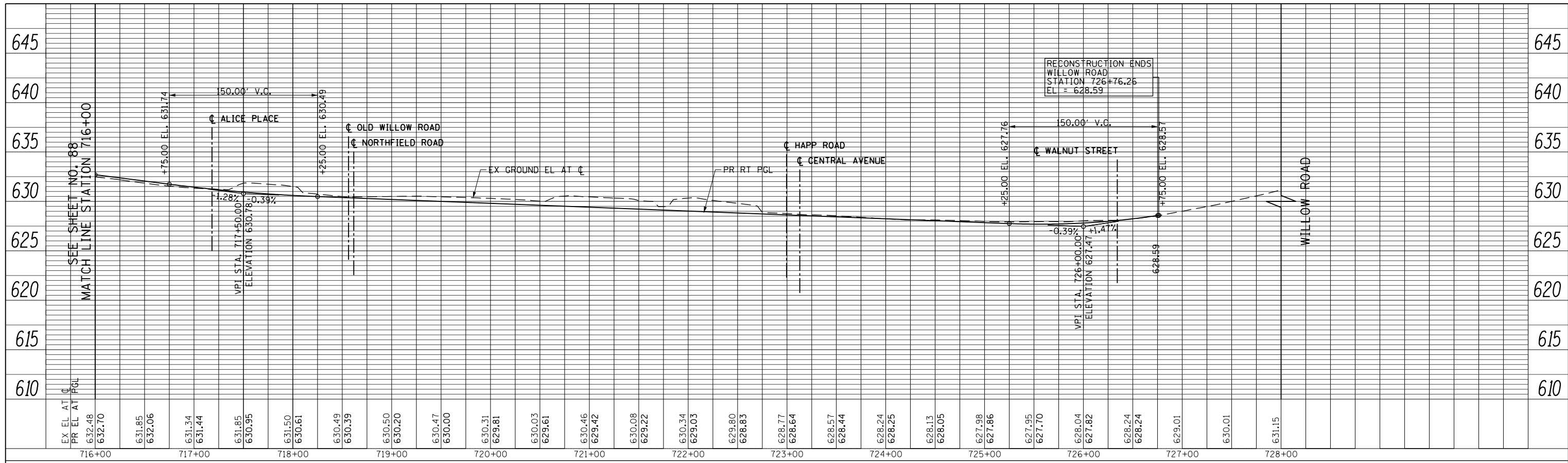
PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		



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PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT								
PLOT DATE = 11/28/2012	DATE - 10/31/2012	REVISED -	CONTRACT NO. 60T35											

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	NO.		

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



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PLOT SCALE = 100.000' / in.	PLOT DATE = 11/28/2012	DRAWN - KAL	REVISED -
		CHECKED - RCB	REVISED -
		DATE - 10/31/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

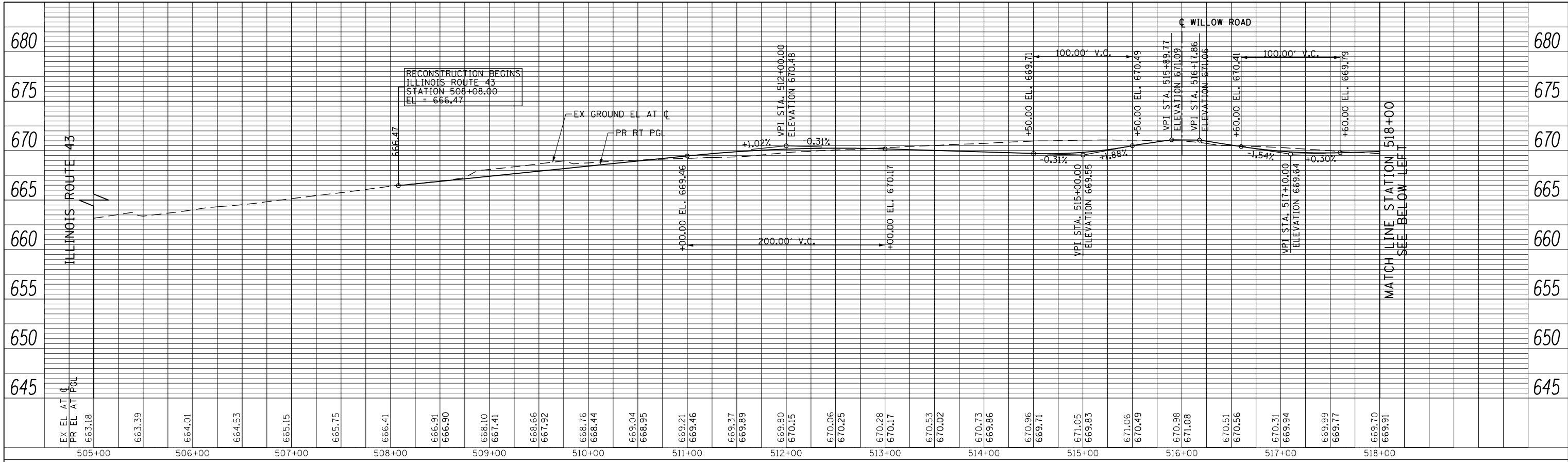
WILLOW ROAD PROFILE

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

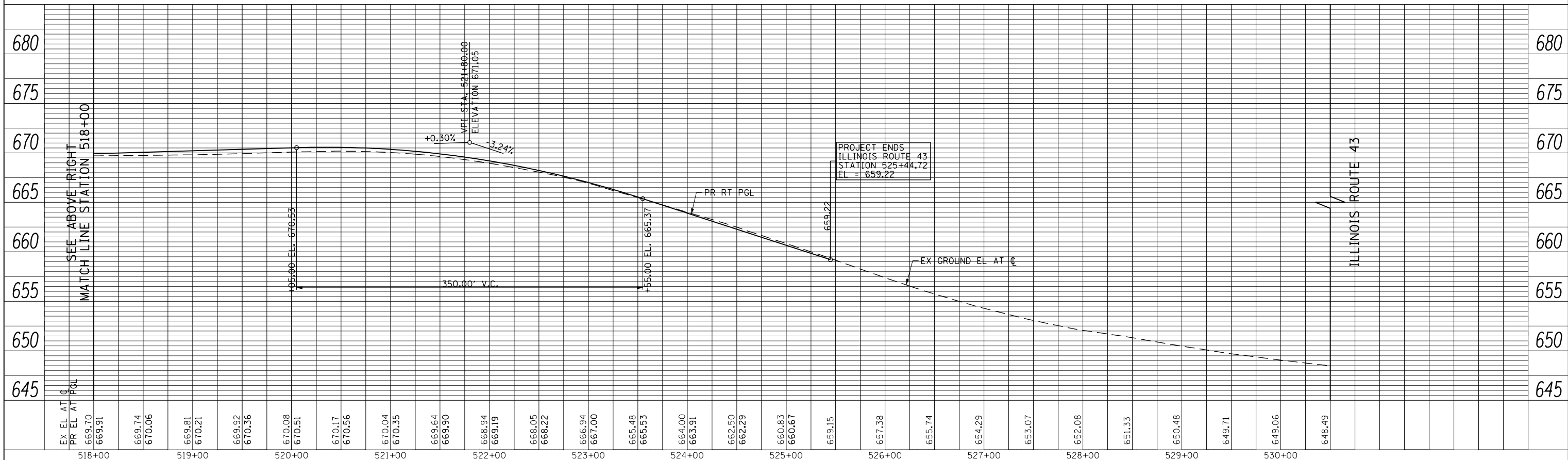
SHEET NO. 89 OF 919 SHEETS STA. 716+00 TO STA. 728+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)R	COOK	919	89
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

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



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



FILE NAME = g:\ch11\0158\road\Sheets\0160T35-SHT-PRF-06.dgn	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 43 PROFILE	SCALE: HORIZ: 1"=50'	SHEET NO. 90 OF 919 SHEETS	STA. 505+00	TO STA. 530+00	F.A.P. R.T.E. 305	SECTION (1920.01,1518,2022&1922.4)BR	COUNTY COOK	TOTAL SHEETS 919	SHEET NO. 90
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	CONTRACT NO. 60T35											
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1			ILLINOIS		FED. AID PROJECT						

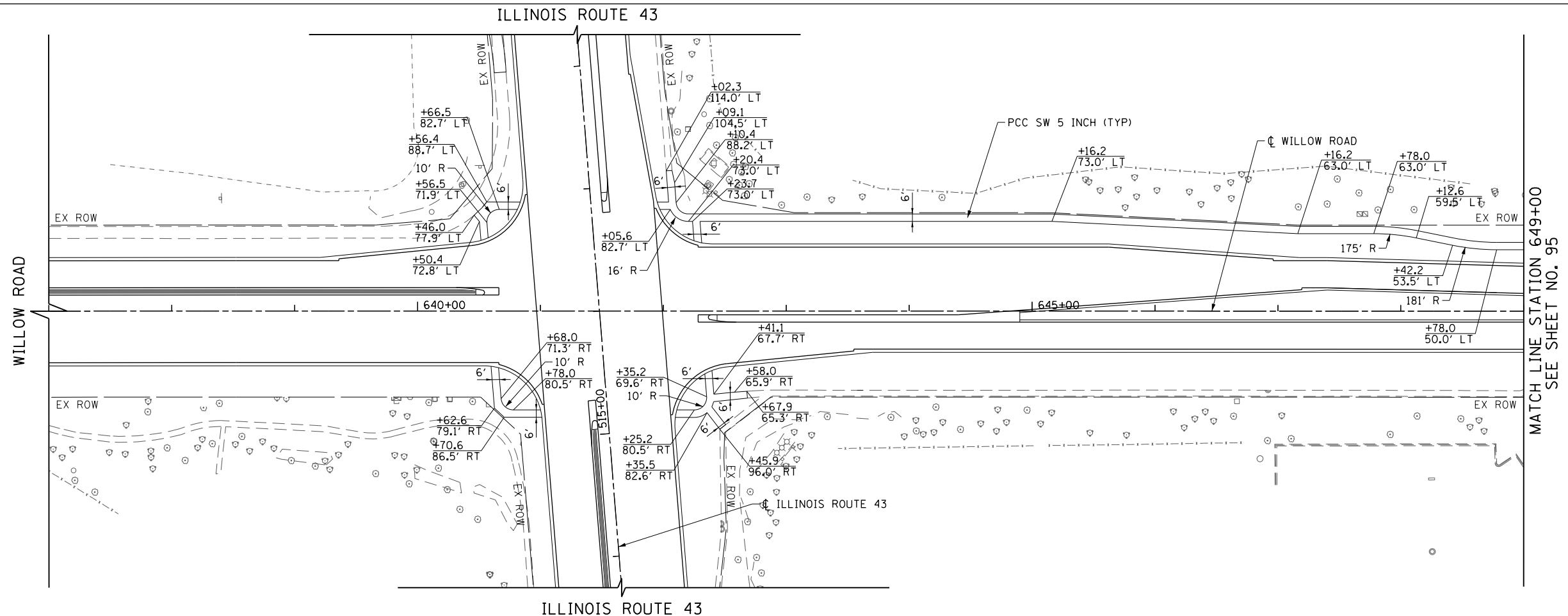
WESTBOUND														PR CURVE WILLOW-01	EASTBOUND												
RT TRN EL	RT TRN WIDTH	RT TRN SLOPE	LT EOP EL	LN2 WIDTH	LN2 SLOPE	LN1 EL	LN1 WIDTH	LN1 SLOPE	PGL OFFSET	PGL EL	LT TRN SLOPE	LT TRN WIDTH	LT TRN EOP EL	MEDIAN SLOPE	STATION	MEDIAN SLOPE	LT TRN EOP EL	LT TRN WIDTH	LT TRN SLOPE	PGL EL	PGL OFFSET	LN1 SLOPE	LN1 WIDTH	LN1 EL	LN2 SLOPE	LN2 WIDTH	RT EOP EL
648.73	11.6'	-2.60%	649.03	10.0'	-2.08%	649.24	10.0'	-2.08%	8.8' LT	649.45					669+00.00					649.16	8.8' RT	-2.08%	10.0'	648.95	-2.08%	10.0'	648.74
648.52	11.6'	-2.60%	648.83	10.2'	-2.08%	649.04	10.2'	-2.08%	8.1' LT	649.25					669+25.00					648.96	8.1' RT	-2.08%	10.2'	648.75	-2.08%	10.2'	648.54
648.32	11.6'	-2.60%	648.62	10.3'	-2.08%	648.84	10.3'	-2.08%	7.3' LT	649.05					669+50.00					648.76	7.3' RT	-2.08%	10.3'	648.55	-2.08%	10.3'	648.33
648.12	11.6'	-2.60%	648.42	10.4'	-2.08%	648.63	10.4'	-2.08%	6.6' LT	648.85					669+75.00					648.56	6.6' RT	-2.08%	10.4'	648.34	-2.08%	10.4'	648.13
647.91	11.6'	-2.60%	648.21	10.5'	-2.08%	648.43	10.5'	-2.08%	6.0' LT	648.65				2.42%	670+00.00					648.36	6.0' RT	-2.08%	10.5'	648.14	-2.08%	10.5'	647.92
TRANSITION																											
647.78	11.6'	-2.08%	648.02	10.5'	-2.08%	648.24	10.5'	-2.08%	6.0' LT	648.46				2.42%	670+23.51					648.17	6.0' RT	-2.08%	10.5'	647.95	-2.08%	10.5'	647.73
647.79	11.6'	-2.03%	648.02	10.5'	-2.03%	648.24	10.5'	-2.03%	6.0' LT	648.45				2.42%	670+25.00					648.16	6.0' RT	-2.08%	10.5'	647.94	-2.08%	10.5'	647.72
647.90	11.6'	-1.08%	648.02	10.5'	-1.08%	648.14	10.5'	-1.08%	6.0' LT	648.25				2.42%	670+50.00					647.96	6.0' RT	-2.08%	10.5'	647.74	-2.08%	10.5'	647.52
648.01	11.6'	-0.13%	648.02	10.5'	-0.13%	648.04	10.5'	-0.13%	6.0' LT	648.05				2.42%	670+75.00					647.76	6.0' RT	-2.08%	10.5'	647.54	-2.08%	10.5'	647.32
648.02	11.6'	0.00%	648.02	10.5'	0.00%	648.02	10.5'	0.00%	6.0' LT	648.02				2.42%	670+78.51					647.73	6.0' RT	-2.08%	10.5'	647.51	-2.08%	10.5'	647.29
648.12	11.6'	0.82%	648.02	10.5'	0.82%	647.94	10.5'	0.82%	6.0' LT	647.85				2.42%	671+00.00					647.56	6.0' RT	-2.08%	10.5'	647.34	-2.08%	10.5'	647.12
648.10	4.2'	1.77%	648.02	10.5'	1.77%	647.84	10.5'	1.77%	6.0' LT	647.65				2.42%	671+25.00					647.36	6.0' RT	-2.08%	10.5'	647.14	-2.08%	10.5'	646.92
			648.02	10.5'	2.08%	647.80	10.5'	2.08%	6.0' LT	647.58				2.42%	671+33.20					647.29	6.0' RT	-2.08%	10.5'	647.07	-2.08%	10.5'	646.85
			648.02	10.5'	2.72%	647.74	10.5'	2.72%	6.0' LT	647.45				2.42%	671+50.00					647.16	6.0' RT	-2.72%	10.5'	646.87	-2.72%	10.5'	646.59
FULL SUPERELEVATION																											
			648.00	10.5'	3.20%	647.67	10.5'	3.20%	6.0' LT	647.33				2.42%	671+62.51					647.04	6.0' RT	-3.20%	10.5'	646.70	-3.20%	10.5'	646.37
			647.92	10.5'	3.20%	647.59	10.5'	3.20%	6.0' LT	647.25					671+75.00					646.96	6.0' RT	-3.20%	10.5'	646.62	-3.20%	10.5'	646.29
			647.72	10.5'	3.20%	647.39	10.5'	3.20%	6.0' LT	647.05	2.42%	7.7'	646.86		672+00.00					646.76	6.0' RT	-3.20%	10.5'	646.42	-3.20%	10.5'	646.09
			647.52	10.5'	3.20%	647.19	10.5'	3.20%	6.0' LT	646.85	2.42%	5.8'	646.71		672+25.00					646.56	6.0' RT	-3.20%	10.5'	646.22	-3.20%	10.5'	645.89
			647.32	10.5'	3.20%	646.99	10.5'	3.20%	6.0' LT	646.65	2.42%	3.9'	646.56		672+50.00					646.36	6.0' RT	-3.20%	10.5'	646.02	-3.20%	10.5'	645.69
			647.12	10.5'	3.20%	646.79	10.5'	3.20%	6.0' LT	646.45	2.42%	1.9'	646.40		672+75.00					646.16	6.0' RT	-3.20%	10.5'	645.82	-3.20%	10.5'	645.49
			646.92	10.5'	3.20%	646.59	10.5'	3.20%	6.0' LT	646.25					673+00.00					645.96	6.0' RT	-3.20%	10.5'	645.62	-3.20%	10.5'	645.29
			646.72	10.5'	3.20%	646.39	10.5'	3.20%	6.0' LT	646.05					673+25.00					645.76	6.0' RT	-3.20%	10.5'	645.42	-3.20%	10.5'	645.09
			646.52	10.5'	3.20%	646.19	10.5'	3.20%	6.0' LT	645.85					673+50.00					645.56	6.0' RT	-3.20%	10.5'	645.22	-3.20%	10.5'	644.89
			646.32	10.5'	3.20%	645.99	10.5'	3.20%	6.0' LT	645.65					673+75.00					645.36	6.0' RT	-3.20%	10.5'	645.02	-3.20%	10.5'	644.69
			646.12	10.5'	3.20%	645.79	10.5'	3.20%	6.0' LT	645.45					674+00.00					645.16	6.0' RT	-3.20%	10.5'	644.82	-3.20%	10.5'	644.49
			645.92	10.5'	3.20%	645.59	10.5'	3.20%	6.0' LT	645.25					674+25.00					644.96	6.0' RT	-3.20%	10.5'	644.62	-3.20%	10.5'	644.29
			645.72	10.5'	3.20%	645.39	10.5'	3.20%	6.0' LT	645.05					674+50.00					644.76	6.0' RT	-3.20%	10.5'	644.42	-3.20%	10.5'	644.09
			645.52	10.5'	3.20%	645.19	10.5'	3.20%	6.0' LT	644.85					674+75.00					644.56	6.0' RT	-3.20%	10.5'	644.22	-3.20%	10.5'	643.89
			645.32	10.5'	3.20%	644.99	10.5'	3.20%	6.0' LT	644.65					675+00.00					644.36	6.0' RT	-3.20%	10.5'	644.02	-3.20%	10.5'	643.69
			645.12	10.5'	3.20%	644.79	10.5'	3.20%	6.0' LT	644.45					675+25.00					644.16	6.0' RT	-3.20%	10.5'	643.82	-3.20%	10.5'	643.49
			644.92	10.5'	3.20%	644.59	10.5'	3.20%	6.0' LT	644.25					675+50.00					643.96	6.0' RT	-3.20%	10.5'	643.62	-3.20%	10.5'	643.29
			644.72	10.5'	3.20%	644.39	10.5'	3.20%	6.0' LT	644.05					675+75.00					643.76	6.0' RT	-3.20%	10.5'	643.42	-3.20%	10.5'	643.09
			644.52	10.5'	3.20%	644.19	10.5'	3.20%	6.0' LT	643.85					676+00.00					643.56	6.0' RT	-3.20%	10.5'	643.22	-3.20%	10.5'	642.89
			644.32	10.5'	3.20%	643.99	10.5'	3.20%	6.0' LT	643.65					676+25.00					643.36	6.0' RT	-3.20%	10.5'	643.02	-3.20%	10.5'	642.69
			644.12	10.5'	3.20%	643.79	10.5'	3.20%	6.0' LT	643.45					676+50.00					643.16	6.0' RT	-3.20%	10.5'	642.82	-3.20%	10.5'	642.49
			643.92	10.5'	3.20%	643.59	10.5'	3.20%	6.0' LT	643.25					676+75.00					642.96	6.0' RT	-3.20%	10.5'	642.62	-3.20%	10.5'	642.29
			643.72	10.5'	3.20%	643.39	10.5'	3.20%	6.0' LT	643.05					677+00.00					642.76	6.0' RT	-3.20%	10.5'	642.42	-3.20%	10.5'	642.09
			643.52	10.5'	3.20%	643.19	10.5'	3.20%	6.0' LT	642.85					677+25.00					642.56	6.0' RT	-3.20%	10.5'	642.22	-3.20%	10.5'	641.89
			643.32	10.5'	3.20%	642.99	10.5'	3.20%	6.0' LT	642.65					677+50.00					642.36	6.0' RT	-3.20%	10.5'	642.02	-3.20%	10.5'	641.69
			643.12	10.5'	3.20%	642.79	10.5'	3.20%	6.0' LT	642.45					677+75.00					642.16	6.0' RT	-3.20%	10.5'	641.82	-3.20%	10.5'	641.49
			642.92	10.5'	3.20%	642.59	10.5'	3.20%	6.0' LT	642.25					678+00.00					641.96	6.0' RT	-3.20%	10.5'	641.62	-3.20%	10.5'	641.29
			642.72	10.5'	3.20%	642.39	10.5'	3.20%	6.0' LT	642.05					678+25.00					641.76	6.0' RT	-3.20%	10.5'	641.42	-3.20%	10.5'	641.09
			642.52	10.5'	3.20%	642.19	10.5'	3.20%	6.0' LT	641.85					678+50.00					641.56	6.0' RT	-3.20%	10.5'	641.22	-3.20%	10.5'	640.89
			642.32	10.5'	3.20%	641.99	10.5'	3.20%	6.0' LT	641.65					678+75.00					641.36	6.0' RT	-3.20%	10.5'	641.02	-3.20%	10.5'	640.69
			642.12	10.5'	3.20%	641.79	10.5'	3.20%	6.0' LT	641.45					679+00.00					641.16	6.0' RT	-3.20%	10.5'	640.82	-3.20%	10.5'	640.49
			641.92	10.5'	3.20%	641.59	10.5'	3.20%	6.0' LT	641.25				2.42%	679+25.00					640.96	6.0' RT	-3.20%	10.5'	640.62	-3.20%	10.5'	640.29
			641.82	10.5'	3.20%	641.49	10.5'	3.20%	6.0' LT	641.15				2.42%	679+37.38					640.86	6.0' RT	-3.20%	10.5'	640.52	-3.20%	10.5'	640.19
FULL SUPERELEVATION																											
			641.62	10.5'	2.72%	641.34	10.5'	2.72%	6.0' LT	641.05				2.42%	679+50.00					640.76	6.0' RT	-2.97%	10.5'	640.45	-2.97%	10.5'	640.14
			641.36	10.5'	2.08%	641.14	10.5'	2.08%	6.0' LT	640.92				2.42%	679+66.69					640.63	6.0' RT	-2.68%	10.5'	640.35	-2.68%	10.5'	640.07
			641.22	10.5'	1.77%	641.04	10.5'	1.77%	6.0' LT	640.85				2.42%	679+75.00					640.56	6.0' RT	-2.53%	10.5'	640.29	-2.53%	10.5'	640.03
			640.82	10.5'	0.81%	640.74	10.5'	0.81%	6.0' LT	640.65				2.42%	680+00.00					640.36	6.0' RT	-2.08%	10.5'	640.14	-2.08%	10.5'	639.92
			640.48	10.5'	0.00%	640.48	10.5'	0.00%	6.0' LT	640.48				2.42%	680+21.38					640.19	6.0' RT	-2.08%	10.5'	639.97	-2.08%	10.5'	639.75
			640.42	10.5'	-0.14%	640.44	10.5'	-0.14%																			

WESTBOUND												PR CURVE WILLOW-02		EASTBOUND											
LT EOP EL	LN2 WIDTH	LN2 SLOPE	LN1 EL	LN1 WIDTH	LN1 SLOPE	PGL OFFSET	PGL EL	LT TRN SLOPE	LT TRN WIDTH	LT TRN EOP EL	MEDIAN SLOPE	STATION	MEDIAN SLOPE	LT TRN EOP EL	LT TRN WIDTH	LT TRN SLOPE	PGL EL	PGL OFFSET	LN1 SLOPE	LN1 WIDTH	LN1 EL	LN2 SLOPE	LN2 WIDTH	RT EOP EL	
636.21	10.5'	-2.08%	636.43	10.5'	-2.08%	6.0' LT	636.65					685+00.00					636.36	6.0' RT	-2.08%	10.5'	636.14	-2.08%	10.5'	635.92	
636.01	10.5'	-2.08%	636.23	10.5'	-2.08%	6.0' LT	636.45					685+25.00					636.16	6.0' RT	-2.08%	10.5'	635.94	-2.08%	10.5'	635.72	
635.81	10.5'	-2.08%	636.03	10.5'	-2.08%	6.0' LT	636.25					685+50.00					635.96	6.0' RT	-2.08%	10.5'	635.74	-2.08%	10.5'	635.52	
635.61	10.5'	-2.08%	635.83	10.5'	-2.08%	6.0' LT	636.05					685+75.00					635.76	6.0' RT	-2.08%	10.5'	635.54	-2.08%	10.5'	635.32	
635.41	10.5'	-2.08%	635.63	10.5'	-2.08%	6.0' LT	635.85					686+00.00					635.56	6.0' RT	-2.08%	10.5'	635.34	-2.08%	10.5'	635.12	
635.21	10.5'	-2.08%	635.43	10.5'	-2.08%	6.0' LT	635.65					686+25.00					635.36	6.0' RT	-2.08%	10.5'	635.14	-2.08%	10.5'	634.92	
635.01	10.5'	-2.08%	635.23	10.5'	-2.08%	6.0' LT	635.45					686+50.00					635.16	6.0' RT	-2.08%	10.5'	634.94	-2.08%	10.5'	634.72	
634.81	10.5'	-2.08%	635.03	10.5'	-2.08%	6.0' LT	635.25					686+75.00					634.96	6.0' RT	-2.08%	10.5'	634.74	-2.08%	10.5'	634.52	
													TRANSITION												
634.73	10.5'	-2.08%	634.95	10.5'	-2.08%	6.0' LT	635.17					686+85.49					634.88	6.0' RT	-2.08%	10.5'	634.66	-2.08%	10.5'	634.44	
634.61	10.5'	-2.08%	634.83	10.5'	-2.08%	6.0' LT	635.05					687+00.00					634.77	6.0' RT	-1.53%	10.5'	634.61	-1.53%	10.5'	634.45	
634.41	10.5'	-2.08%	634.63	10.5'	-2.08%	6.0' LT	634.85					687+25.00					634.62	6.0' RT	-0.59%	10.5'	634.56	-0.59%	10.5'	634.50	
634.29	10.5'	-2.08%	634.51	10.5'	-2.08%	6.0' LT	634.73					687+40.49					634.55	6.0' RT	0.00%	10.5'	634.55	0.00%	10.5'	634.55	
634.23	10.5'	-2.08%	634.45	10.5'	-2.08%	6.0' LT	634.67					687+50.00					634.51	6.0' RT	0.36%	10.5'	634.55	0.36%	10.5'	634.59	
634.09	10.5'	-2.08%	634.31	10.5'	-2.08%	6.0' LT	634.53					687+75.00					634.45	6.0' RT	1.31%	10.5'	634.59	1.31%	10.5'	634.73	
634.08	10.5'	-2.08%	634.30	10.5'	-2.08%	6.0' LT	634.52					687+76.98					634.45	6.0' RT	1.39%	10.5'	634.60	1.39%	10.5'	634.74	
633.86	10.5'	-2.78%	634.15	10.5'	-2.78%	6.0' LT	634.44					687+95.18					634.44	6.0' RT	2.08%	10.5'	634.66	2.08%	10.5'	634.88	
633.81	10.5'	-2.96%	634.12	10.5'	-2.96%	6.0' LT	634.43					688+00.00					634.44	6.0' RT	2.27%	10.5'	634.68	2.27%	10.5'	634.92	
													FULL SUPERELEVATION												
633.74	10.5'	-3.20%	634.07	10.5'	-3.20%	6.0' LT	634.41					688+06.29					634.44	6.0' RT	2.51%	10.5'	634.70	2.51%	10.5'	634.97	
633.70	10.5'	-3.20%	634.03	10.5'	-3.20%	6.0' LT	634.37					688+24.49					634.47	6.0' RT	3.20%	10.5'	634.81	3.20%	10.5'	635.14	
633.69	10.5'	-3.20%	634.02	10.5'	-3.20%	6.0' LT	634.36					688+25.00					634.47	6.0' RT	3.20%	10.5'	634.81	3.20%	10.5'	635.14	
633.67	10.5'	-3.20%	634.00	10.5'	-3.20%	6.0' LT	634.34					688+50.00					634.55	6.0' RT	3.20%	10.5'	634.89	3.20%	10.5'	635.22	
633.69	10.5'	-3.20%	634.02	10.5'	-3.20%	6.0' LT	634.36					688+75.00	634.56	2.7'	4.25%		634.67	6.0' RT	3.20%	10.5'	635.01	3.20%	10.5'	635.34	
633.74	10.5'	-3.20%	634.07	10.5'	-3.20%	6.0' LT	634.41					689+00.00	634.63	4.6'	4.25%		634.83	6.0' RT	3.20%	10.5'	635.17	3.20%	10.5'	635.50	
633.84	10.5'	-3.20%	634.17	10.5'	-3.20%	6.0' LT	634.51					689+25.00	634.71	6.6'	4.25%		634.99	6.0' RT	3.20%	10.5'	635.33	3.20%	10.5'	635.66	
633.97	10.5'	-3.20%	634.30	10.5'	-3.20%	6.0' LT	634.64					689+50.00	4.28%				635.15	6.0' RT	3.20%	10.5'	635.49	3.20%	10.5'	635.82	
634.14	10.5'	-3.20%	634.47	10.5'	-3.20%	6.0' LT	634.81					689+75.00	4.11%				635.32	6.0' RT	3.20%	10.5'	635.66	3.20%	10.5'	635.99	
634.33	10.5'	-3.20%	634.67	10.5'	-3.20%	6.0' LT	635.01					690+00.00	3.93%				635.48	6.0' RT	3.20%	10.5'	635.82	3.20%	10.5'	636.15	
634.53	10.5'	-3.20%	634.86	10.5'	-3.20%	6.0' LT	635.20					690+25.00	3.68%				635.64	6.0' RT	3.20%	10.5'	635.98	3.20%	10.5'	636.31	
634.72	10.5'	-3.20%	635.05	10.5'	-3.20%	6.0' LT	635.39					690+50.00	3.43%				635.80	6.0' RT	3.20%	10.5'	636.14	3.20%	10.5'	636.47	
634.91	10.5'	-3.20%	635.24	10.5'	-3.20%	6.0' LT	635.58					690+75.00	3.18%				635.97	6.0' RT	3.20%	10.5'	636.31	3.20%	10.5'	636.64	
635.11	10.5'	-3.20%	635.44	10.5'	-3.20%	6.0' LT	635.78					691+00.00	2.93%				636.13	6.0' RT	3.20%	10.5'	636.47	3.20%	10.5'	636.80	
635.30	10.5'	-3.20%	635.63	10.5'	-3.20%	6.0' LT	635.97					691+25.00	2.59%				636.29	6.0' RT	3.20%	10.5'	636.63	3.20%	10.5'	636.96	
635.49	10.5'	-3.20%	635.82	10.5'	-3.20%	6.0' LT	636.16					691+50.00	2.18%				636.42	6.0' RT	3.20%	10.5'	636.76	3.20%	10.5'	637.09	
635.65	10.5'	-3.20%	635.98	10.5'	-3.20%	6.0' LT	636.32					691+75.00	1.77%				636.50	6.0' RT	3.20%	10.5'	636.84	3.20%	10.5'	637.17	
635.75	10.5'	-3.20%	636.08	10.5'	-3.20%	6.2' LT	636.42					692+00.00					636.52	6.2' RT	3.20%	10.5'	636.86	3.20%	10.5'	637.19	
635.79	10.5'	-3.20%	636.12	10.5'	-3.20%	6.9' LT	636.46					692+25.00					636.48	6.9' RT	3.20%	10.5'	636.82	3.20%	10.5'	637.15	
635.76	10.5'	-3.20%	636.09	10.5'	-3.20%	7.6' LT	636.43					692+50.00					636.38	7.6' RT	3.20%	10.5'	636.72	3.20%	10.5'	637.05	
635.67	10.5'	-3.20%	636.00	10.5'	-3.20%	8.3' LT	636.34					692+75.00					636.23	8.3' RT	3.20%	10.5'	636.57	3.20%	10.5'	636.90	
635.52	10.5'	-3.20%	635.85	10.5'	-3.20%	9.0' LT	636.19					693+00.00					636.05	9.0' RT	3.20%	10.5'	636.39	3.20%	10.5'	636.72	
635.34	10.5'	-3.20%	635.67	10.5'	-3.20%	9.0' LT	636.01					693+25.00	635.84	1.7'	2.00%		635.87	9.0' RT	3.20%	10.5'	636.21	3.20%	10.5'	636.54	
635.16	10.5'	-3.20%	635.49	10.5'	-3.20%	9.0' LT	635.83					693+50.00	635.61	3.4'	2.00%		635.68	9.0' RT	3.20%	10.5'	636.02	3.20%	10.5'	636.35	
634.97	10.5'	-3.20%	635.30	10.5'	-3.20%	9.0' LT	635.64					693+75.00	635.40	5.0'	2.00%		635.50	9.0' RT	3.20%	10.5'	635.84	3.20%	10.5'	636.17	
634.79	10.5'	-3.20%	635.12	10.5'	-3.20%	9.0' LT	635.46					694+00.00	635.19	6.6'	2.00%		635.32	9.0' RT	3.20%	10.5'	635.66	3.20%	10.5'	635.99	
634.61	10.5'	-3.20%	634.94	10.5'	-3.20%	9.0' LT	635.28					694+25.00	634.98	8.2'	2.00%		635.14	9.0' RT	3.20%	10.5'	635.48	3.20%	10.5'	635.81	
634.42	10.5'	-3.20%	634.75	10.5'	-3.20%	9.0' LT	635.09					694+50.00	634.75	9.8'	2.00%		634.95	9.0' RT	3.20%	10.5'	635.29	3.20%	10.5'	635.62	
634.24	10.5'	-3.20%	634.57	10.5'	-3.20%	9.0' LT	634.91					694+75.00	634.57	10.0'	2.00%		634.77	9.0' RT	3.20%	10.5'	635.11	3.20%	10.5'	635.44	
634.06	10.5'	-3.20%	634.39	10.5'	-3.20%	9.0' LT	634.73					695+00.00	634.39	10.0'	2.00%		634.59	9.0' RT	3.20%	10.5'	634.93	3.20%	10.5'	635.26	
633.87	10.5'	-3.20%	634.20	10.5'	-3.20%	9.0' LT	634.54					695+25.00	634.21	10.0'	2.00%		634.41	9.0' RT	3.20%	10.5'	634.75	3.20%	10.5'	635.08	
633.69	10.5'	-3.20%	634.02	10.5'	-3.20%	9.0' LT	634.36					695+50.00	634.02	10.0'	2.00%		634.22	9.0' RT	3.20%	10.5'	634.56	3.20%	10.5'	634.89	
633.51	10.5'	-3.20%	633.84	10.5'	-3.20%	9.0' LT	634.18					695+75.00	633.84	10.0'	2.00%		634.04	9.0' RT	3.20%	10.5'	634.38	3.20%	10.5'	634.71	
633.47	10.5'	-3.20%	633.80	10.5'	-3.20%	9.0' LT	634.14					695+79.98	633.80	10.0'	2.00%		634.00	9.0' RT	3.20%	10.5'	634.34	3.20%	10.5'	634.67	
													FULL SUPERELEVATION												
633.39	10.5'	-2.88%	633.69	10.5'	-2.88%	9.0' LT	633.99					696+00.00	633.66	10.0'	2.00%		633.86	9.0' RT	2.44%	10.5'	634.12	2.44%	10.5'	634.37	
633.36	10.5'	-2.73%	633.64	10.5'	-2.73%	9.0' LT	633.93					696+09.29	633.59	10.0'	2.00%		633.79	9.0' RT	2.08%	10.5'	634.01	2.08%	10.5'	634.23	
633.29	10.5'	-2.48%	633.55	10.5'	-2.48%	9.0' LT	633.81					696+25.00	633.48	10.0'	2.00%		633.68	9.0' RT	1.48%	10.5'	633.84	1.48%	10.5'	633.99	
633.20	10.3'	-2.08%	633.42	10.3'	-2.08%</																				

SOUTHBOUND																		PR CURVE WAUKEGAN-01	NORTHBOUND																	
LT EOP EL	RT TRN/SHLD WIDTH	RT TRN/SHLD SLOPE	LN 2 EL	LN2 WIDTH	LN2 SLOPE	LN 1 EL	LN1 WIDTH	LN1 SLOPE	PGL OFFSET	PGL EL	LT TRN 1 SLOPE	LT TRN 1 WIDTH	LT TRN 1 EOP EL	LT TRN 2 SLOPE	LT TRN 2 WIDTH	LT TRN 2 EOP EL	MEDIAN SLOPE	STATION	MEDIAN SLOPE	LT TRN EOP EL	LT TRN WIDTH	LT TRN SLOPE	PGL EL	PGL OFFSET	LN 1 SLOPE	LN 1 WIDTH	LN 1 EL	LN 2 SLOPE	LN 2 WIDTH	LN 2 EL	RT TRN SLOPE	RT TRN WIDTH	RT EOP EL			
668.96	12.0'	-2.60%	669.27	12.0'	-2.08%	669.52	12.0'	-2.08%	15.0' LT	669.77	1.56%	12.0'	669.96	-1.56%	12.0'	669.77		517+00.00					669.94	15.0' RT	-2.08%	12.0'	669.69	-2.08%	12.0'	669.44	-2.60%	10.5'	669.17			
668.81	12.0'	-2.60%	669.12	12.0'	-2.08%	669.37	12.0'	-2.08%	15.0' LT	669.62	1.56%	12.0'	669.81	-1.56%	12.0'	669.62		517+25.00					669.80	15.0' RT	-2.08%	12.0'	669.55	-2.08%	12.0'	669.30	-2.60%	8.0'	669.09			
668.79	12.0'	-2.60%	669.10	12.0'	-2.08%	669.35	12.0'	-2.08%	15.0' LT	669.60	1.56%	12.0'	669.79	-1.56%	12.0'	669.60		517+50.00					669.77	15.0' RT	-2.08%	12.0'	669.52	-2.08%	12.0'	669.27	-2.60%	5.5'	669.13			
668.85	12.0'	-2.60%	669.16	12.0'	-2.08%	669.41	12.0'	-2.08%	15.0' LT	669.66	1.56%	12.0'	669.85	-1.56%	12.0'	669.66		517+75.00					669.84	15.0' RT	-2.08%	12.0'	669.59	-2.08%	12.0'	669.34	-2.60%	3.0'	669.26			
668.93	12.0'	-2.60%	669.24	12.0'	-2.08%	669.49	12.0'	-2.08%	15.0' LT	669.74	1.56%	12.0'	669.93	-1.56%	12.0'	669.74		518+00.00					669.91	15.0' RT	-2.08%	12.0'	669.66	-2.08%	12.0'	669.41						
669.00	12.0'	-2.60%	669.31	12.0'	-2.08%	669.56	12.0'	-2.08%	15.0' LT	669.81	1.56%	12.0'	670.00	-1.56%	12.0'	669.81		518+25.00					669.99	15.0' RT	-2.08%	12.0'	669.74	-2.08%	12.0'	669.49						
669.08	12.0'	-2.60%	669.39	12.0'	-2.08%	669.64	12.0'	-2.08%	15.0' LT	669.89	1.56%	12.0'	670.08	-1.56%	12.0'	669.89		518+50.00					670.06	15.0' RT	-2.08%	12.0'	669.81	-2.08%	12.0'	669.56						
																		TRANSITION																		
669.09	12.0'	-2.60%	669.40	12.0'	-2.08%	669.65	12.0'	-2.08%	15.0' LT	669.90	1.56%	12.0'	670.09	-1.56%	12.0'	669.90		518+53.31					670.07	15.0' RT	-2.08%	12.0'	669.82	-2.08%	12.0'	669.57						
669.15	12.0'	-2.60%	669.46	12.0'	-2.08%	669.71	12.0'	-2.08%	15.0' LT	669.96	1.56%	12.0'	670.15	-1.45%	12.0'	669.97		518+75.00					670.14	15.0' RT	-1.45%	12.0'	669.97	-1.45%	12.0'	669.79						
669.23	12.0'	-2.60%	669.54	12.0'	-2.08%	669.79	12.0'	-2.08%	15.0' LT	670.04	1.56%	12.0'	670.22	-0.71%	12.0'	670.14		519+00.00					670.21	15.0' RT	-0.71%	12.0'	670.12	-0.71%	12.0'	670.04						
669.30	12.0'	-2.60%	669.61	12.0'	-2.08%	669.86	12.0'	-2.08%	15.0' LT	670.11	1.56%	12.0'	670.30	0.00%	12.0'	670.30		519+24.31					670.28	15.0' RT	0.00%	12.0'	670.28	0.00%	12.0'	670.28						
669.30	12.0'	-2.60%	669.61	12.0'	-2.08%	669.86	12.0'	-2.08%	15.0' LT	670.11	1.56%	12.0'	670.30	0.02%	12.0'	670.30		519+25.00					670.29	15.0' RT	0.02%	12.0'	670.29	0.02%	12.0'	670.29						
669.38	11.9'	-2.60%	669.69	12.0'	-2.08%	669.94	12.0'	-2.08%	15.0' LT	670.19	1.56%	12.0'	670.38	0.76%	12.0'	670.47		519+50.00					670.36	15.0' RT	0.76%	12.0'	670.45	0.76%	12.0'	670.54						
669.49	10.4'	-2.60%	669.76	12.0'	-2.08%	670.01	12.0'	-2.08%	15.0' LT	670.26	1.56%	12.0'	670.45	1.50%	12.0'	670.63		519+75.00					670.44	15.0' RT	1.50%	12.0'	670.62	1.50%	12.0'	670.80						
669.58	9.2'	-2.60%	669.82	12.0'	-2.08%	670.07	12.0'	-2.08%	15.0' LT	670.32	2.08%	12.0'	670.57	2.08%	12.0'	670.82		519+94.62					670.49	15.0' RT	2.08%	12.0'	670.74	2.08%	12.0'	670.99						
669.57	8.9'	-2.60%	669.80	12.0'	-2.24%	670.07	12.0'	-2.24%	15.0' LT	670.34	2.24%	12.0'	670.61	2.24%	12.0'	670.88		520+00.00					670.51	15.0' RT	2.24%	12.0'	670.78	2.24%	12.0'	671.05						
669.45	7.5'	-2.98%	669.67	12.0'	-2.98%	670.03	12.0'	-2.98%	15.0' LT	670.39	2.98%	12.0'	670.75	2.98%	12.0'	671.11		520+25.00					670.56	15.0' RT	2.98%	12.0'	670.92	2.98%	12.0'	671.28						
669.27	6.0'	-3.72%	669.50	12.0'	-3.72%	669.94	12.0'	-3.72%	15.0' LT	670.39	3.72%	12.0'	670.84	3.72%	12.0'	671.28		520+50.00					670.56	15.0' RT	3.72%	12.0'	671.01	3.72%	12.0'	671.45						
																		FULL SUPERELEVATION																		
669.19	5.5'	-4.00%	669.41	12.0'	-4.00%	669.89	12.0'	-4.00%	15.0' LT	670.37	4.00%	12.0'	670.85	4.00%	12.0'	671.33		520+59.31					670.54	15.0' RT	4.00%	12.0'	671.02	4.00%	12.0'	671.50						
669.18	4.4'	-4.00%	669.36	12.0'	-4.00%	669.84	12.0'	-4.00%	15.0' LT	670.32	4.00%	12.0'	670.80	4.00%	12.0'	671.28		520+75.00					670.49	15.0' RT	4.00%	12.0'	670.97	4.00%	12.0'	671.45						
669.12	2.8'	-4.00%	669.23	12.0'	-4.00%	669.71	12.0'	-4.00%	14.9' LT	670.19	4.00%	12.0'	670.67	4.00%	11.5'	671.13		521+00.00					670.35	14.9' RT	4.00%	12.0'	670.83	4.00%	12.0'	671.31						
			669.04	12.0'	-4.00%	669.52	12.0'	-4.00%	14.3' LT	670.00	4.00%	12.0'	670.48	4.00%	9.5'	670.86		521+25.00					670.16	14.3' RT	4.00%	12.0'	670.64	4.00%	12.0'	671.12						
			668.78	12.0'	-4.00%	669.26	12.0'	-4.00%	13.8' LT	669.74	4.00%	12.0'	670.22	4.00%	7.5'	670.52		521+50.00					669.90	13.8' RT	4.00%	12.0'	670.38	4.00%	12.0'	670.86						
			668.47	12.0'	-4.00%	668.95	12.0'	-4.00%	13.2' LT	669.43	4.00%	12.0'	669.91	4.00%	5.5'	670.13		521+75.00					669.57	13.2' RT	4.00%	12.0'	670.05	4.00%	12.0'	670.53						
			668.09	12.0'	-4.00%	668.57	12.0'	-4.00%	12.7' LT	669.05	4.00%	12.0'	669.53	4.00%	3.5'	669.67		522+00.00					669.19	12.7' RT	4.00%	12.0'	669.67	4.00%	12.0'	670.15						
			667.65	12.0'	-4.00%	668.13	12.0'	-4.00%	12.1' LT	668.61	4.00%	12.0'	669.09	4.00%	1.5'	669.15		522+25.00					668.73	12.1' RT	4.00%	12.0'	669.21	4.00%	12.0'	669.69						
			667.14	12.0'	-4.00%	667.62	12.0'	-4.00%	11.5' LT	668.10	4.00%	11.5'	668.56					522+50.00					668.22	11.5' RT	4.00%	12.0'	668.70	4.00%	12.0'	669.18						
			666.58	12.0'	-4.00%	667.06	12.0'	-4.00%	11.0' LT	667.54	4.00%	9.5'	667.92					522+75.00					667.64	11.0' RT	4.00%	12.0'	668.12	4.00%	12.0'	668.60						
			665.95	12.0'	-4.00%	666.43	12.0'	-4.00%	10.4' LT	666.91	4.00%	7.5'	667.21					523+00.00					667.00	10.4' RT	4.00%	12.0'	667.48	4.00%	12.0'	667.96						
			665.26	12.0'	-4.00%	665.74	12.0'	-4.00%	9.9' LT	666.22	4.00%	5.5'	666.44					523+25.00					666.30	9.9' RT	4.00%	12.0'	666.78	4.00%	12.0'	667.26						
			665.00	12.0'	-4.00%	665.48	12.0'	-4.00%	9.7' LT	665.96	4.00%	4.8'	666.15					523+33.89					666.04	9.7' RT	4.00%	12.0'	666.52	4.00%	12.0'	667.00						
																		FULL SUPERELEVATION																		
			664.57	12.0'	-3.75%	665.02	12.0'	-3.75%	9.3' LT	665.47	3.75%	3.5'	665.60					523+50.00					665.55	9.3' RT	3.52%	12.0'	665.97	3.52%	12.0'	666.40						
			664.19	12.0'	-3.00%	664.55	12.0'	-3.00%	8.9' LT	664.91	3.00%	2.1'	664.97					523+67.64					664.96	8.9' RT	3.00%	12.0'	665.32	3.00%	12.0'	665.68						
			663.96	12.0'	-3.00%	664.32	12.0'	-3.00%	8.8' LT	664.68								523+75.00					664.73	8.8' RT	2.78%	12.0'	665.06	2.78%	12.0'	665.40						
			663.21	12.0'	-3.00%	663.57	12.0'	-3.00%	8.2' LT	663.93								523+98.58					663.96	8.5' RT	2.08%	12.0'	664.21	2.08%	12.0'	664.46						
			663.16	12.0'	-3.00%	663.52	12.0'	-3.00%	8.2' LT	663.88								524+00.00					663.91	8.5' RT	2.04%	12.0'	664.15	2.04%	12.0'	664.40						
			662.37	12.0'	-3.00%	662.73	12.0'	-3.00%	7.6' LT	663.09								524+25.00					663.10	8.5' RT	1.30%	12.0'	663.26	1.30%	12.0'	663.41						
			661.57	12.0'	-3.00%	661.93	12.0'	-3.00%	7.1' LT	662.29								524+50.00			662.28	1.8'	-0.56%	662.29	8.5' RT	0.56%	12.0'	662.36	0.56%	12.0'	662.42	-2.60%	4.0'	662.32		
660.82	3.7'	-4.00%	660.97	12.0'	-3.00%	661.33	12.0'	-3.00%	6.7' LT	661.69								524+68.89		661.68	3.0'	0.00%	661.68	8.5' RT	0.00%	12.0'	661.68	0.00%	12.0'	661.68	-2.60%	6.4'	661.51			
660.60	4.5'	-4.00%	660.78	12.0'	-3.00%	661.14	12.0'	-3.00%	6.5' LT	661.50								524+75.00		661.49	3.3'	0.18%	661.48	8.5' RT	-0.18%	12.0'	661.46	-0.18%	12.0'	661.44	-2.60%	7.2'	661.25			
659.68	7.5'	-4.00%	659.98	12.0'	-3																															

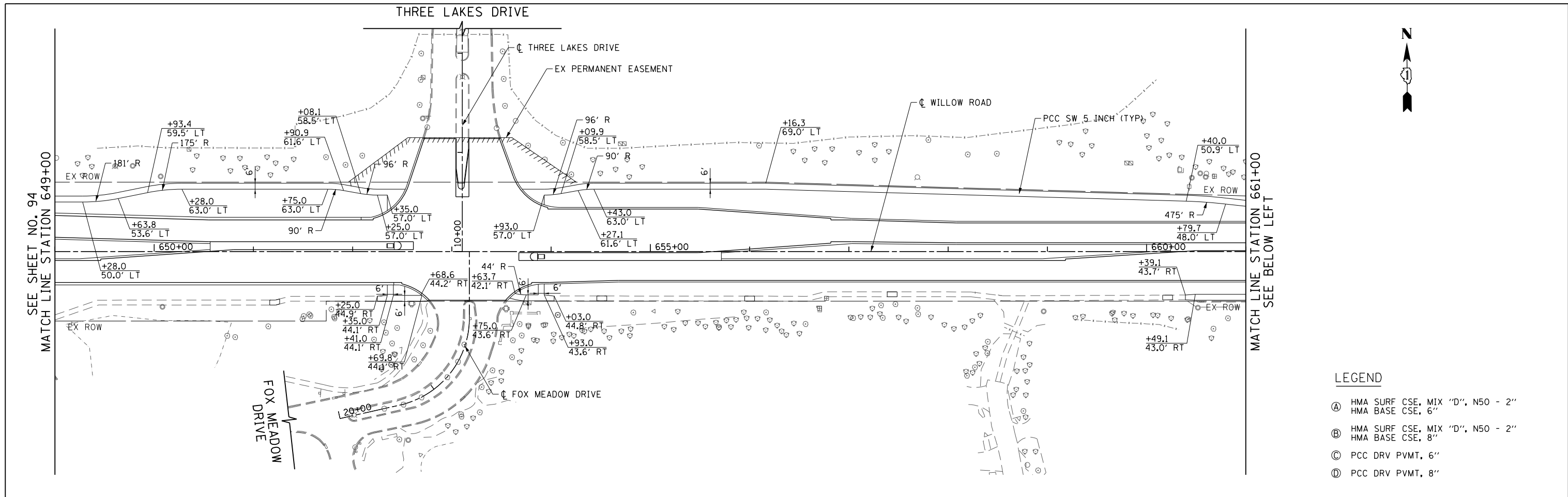
LEGEND

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

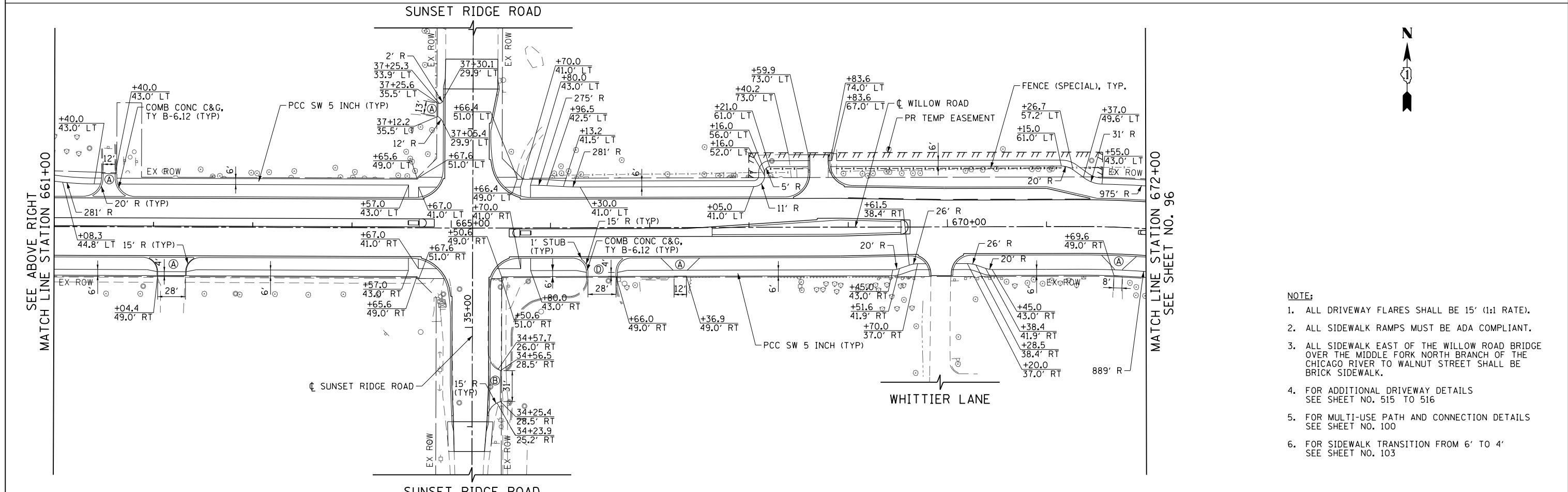


- NOTE:**
1. ALL DRIVEWAY FLARES SHALL BE 15' (1:1 RATE).
 2. ALL SIDEWALK RAMP MUST BE ADA COMPLIANT.
 3. ALL SIDEWALK EAST OF THE WILLOW ROAD BRIDGE OVER THE MIDDLE FORK NORTH BRANCH OF THE CHICAGO RIVER TO WALNUT STREET SHALL BE BRICK SIDEWALK.
 4. FOR ADDITIONAL DRIVEWAY DETAILS SEE SHEET NO. 515 TO 516
 5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 100
 6. FOR SIDEWALK TRANSITION FROM 6' TO 4' SEE SHEET NO. 103

FILE NAME =	USER NAME = BAWtor.t	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD SIDEWALK AND DRIVEWAY PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
G:\CH11\0158\Road\Sheets\0160T35-SHT-S0\WLK-01.dgn	DRAWN - KAL	REVISED -	305			(1920.01,1518,2022&1922.4)BR	COOK	919	94	
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISED -	CONTRACT NO. 60T35							
PLOT DATE = 11/28/2012	DATE - 10/31/2012	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
					SCALE: 1" = 50'	SHEET NO. 94 OF 919 SHEETS		STA. 637+00 TO STA. 649+00		

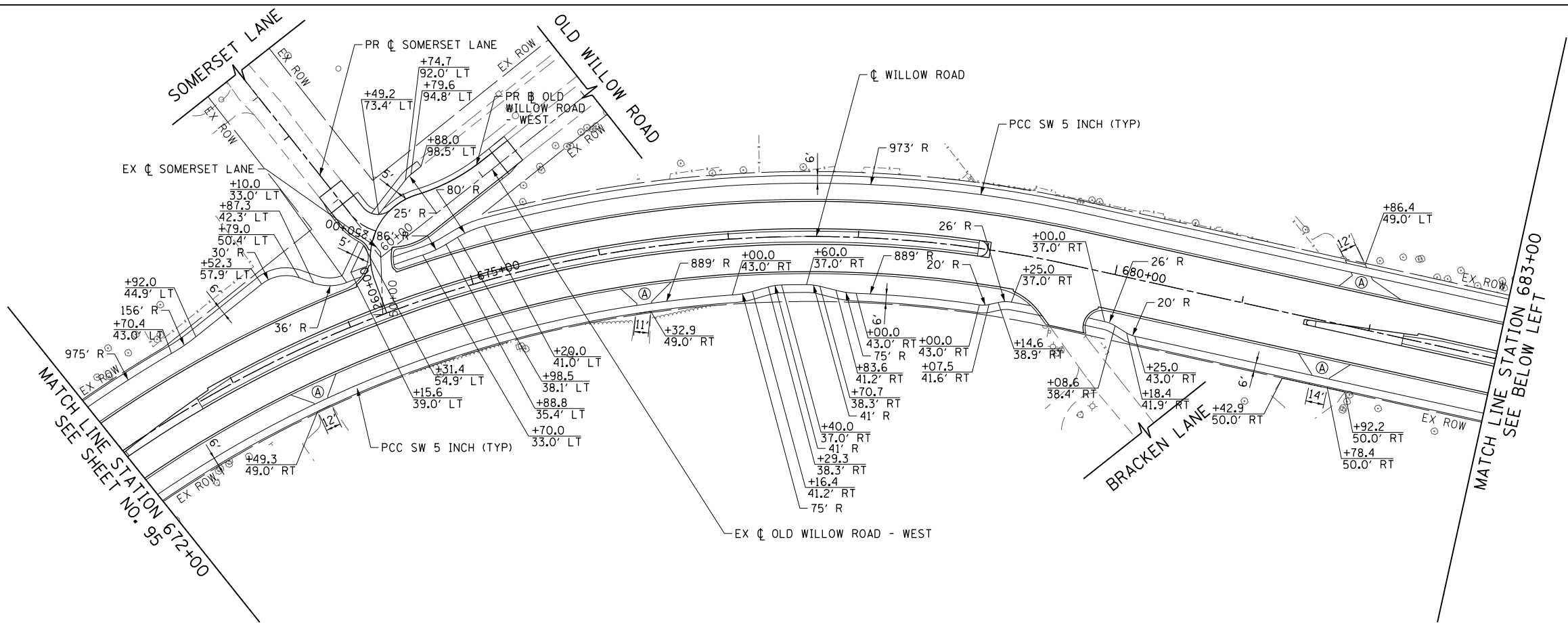
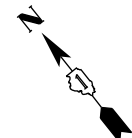


- LEGEND**
- (A) HMA SURF CSE, MIX "D", N50 - 2"
HMA BASE CSE, 6"
 - (B) HMA SURF CSE, MIX "D", N50 - 2"
HMA BASE CSE, 8"
 - (C) PCC DRV PVMT, 6"
 - (D) PCC DRV PVMT, 8"

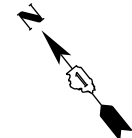
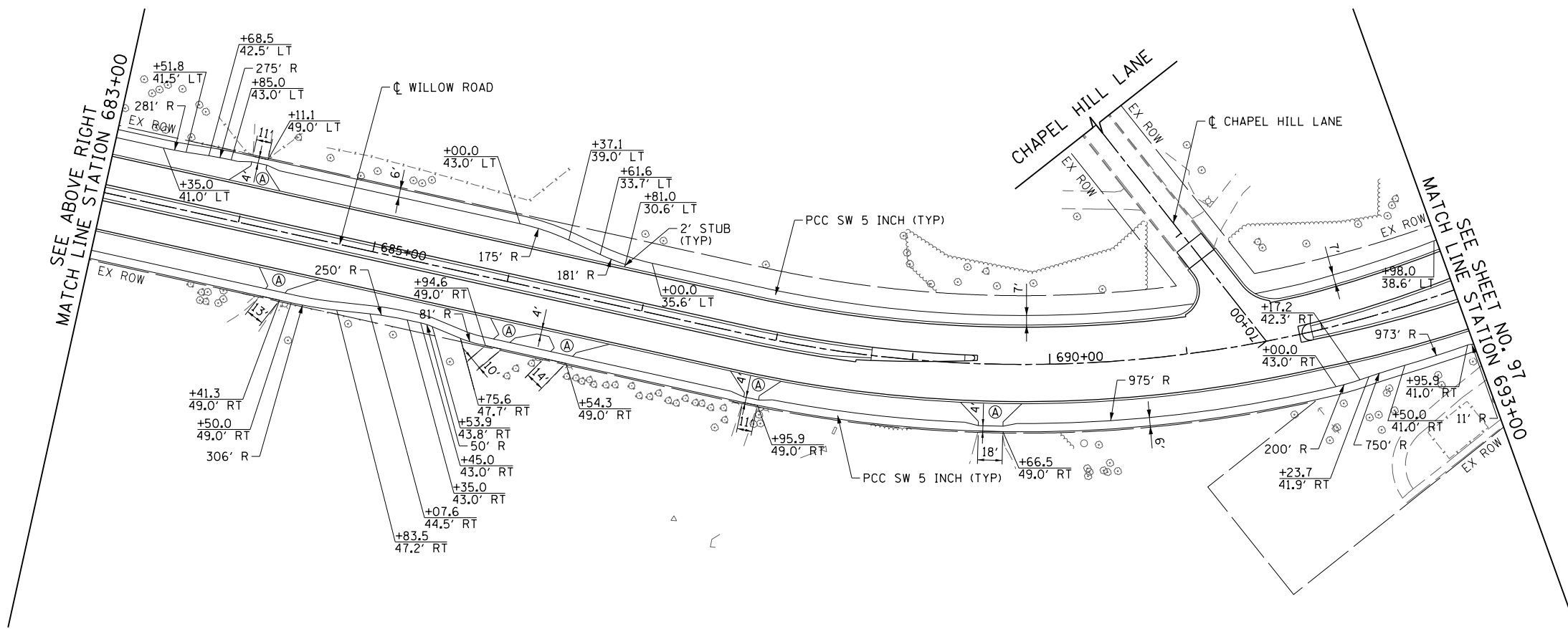


- NOTE:**
1. ALL DRIVEWAY FLARES SHALL BE 15' (1:1 RATE).
 2. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT.
 3. ALL SIDEWALK EAST OF THE WILLOW ROAD BRIDGE OVER THE MIDDLE FORK NORTH BRANCH OF THE CHICAGO RIVER TO WALNUT STREET SHALL BE BRICK SIDEWALK.
 4. FOR ADDITIONAL DRIVEWAY DETAILS SEE SHEET NO. 515 TO 516
 5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 100
 6. FOR SIDEWALK TRANSITION FROM 6' TO 4' SEE SHEET NO. 103

FILE NAME =	USER NAME = BAW:tor.t	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD SIDEWALK AND DRIVEWAY PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
G:\CH11\0158\Road\Sheets\160T35-SHT-S0\WLK-02.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922,4BR)	COOK	919	95	
PLOT SCALE = 1/8" = 1' in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -			SCALE: 1" = 50' SHEET NO. 95 OF 919 SHEETS STA. 649+00 TO STA. 672+00 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



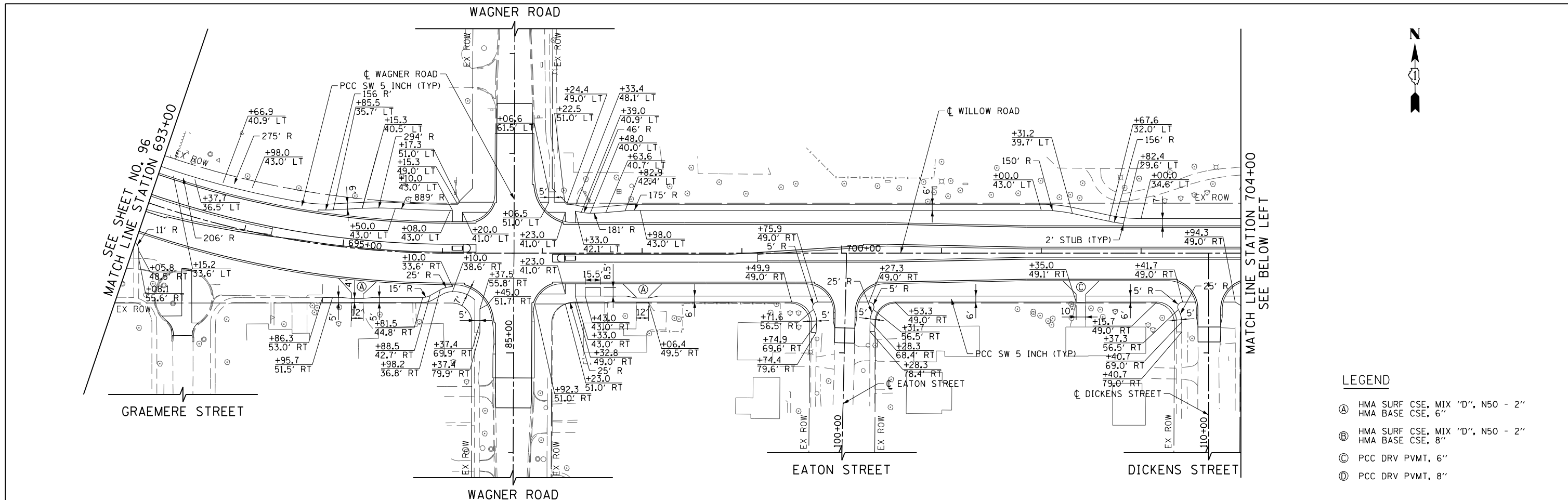
- LEGEND**
- (A) HMA SURF CSE, MIX "D", N50 - 2"
HMA BASE CSE, 6"
 - (B) HMA SURF CSE, MIX "D", N50 - 2"
HMA BASE CSE, 8"
 - (C) PCC DRV PVMT, 6"
 - (D) PCC DRV PVMT, 8"



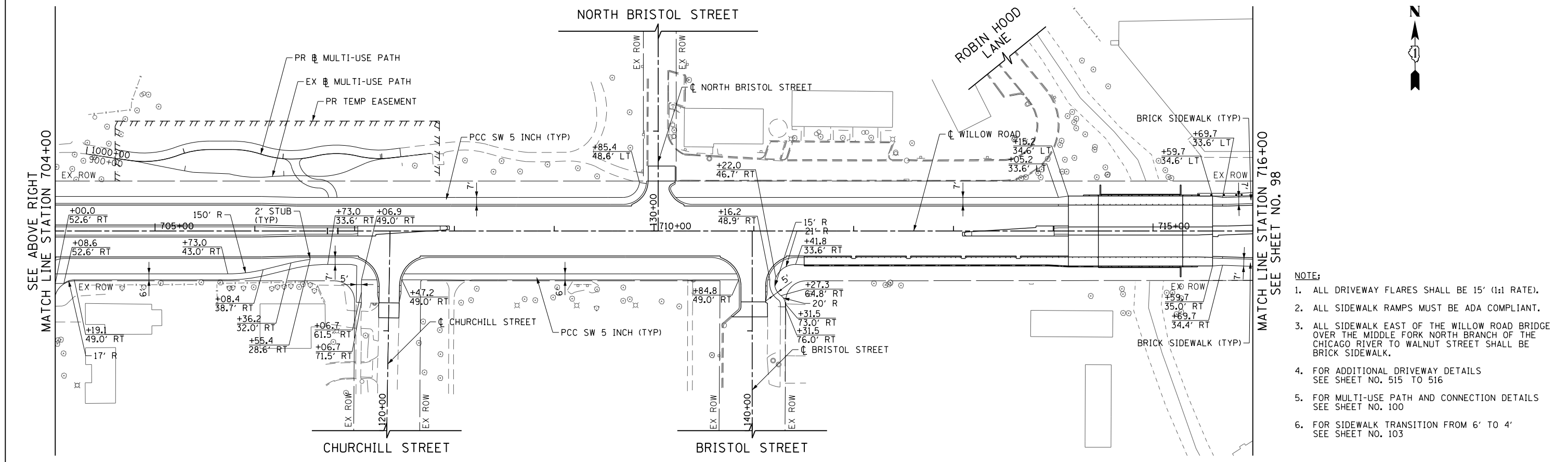
- NOTE:**
1. ALL DRIVEWAY FLARES SHALL BE 15' (1:1 RATE).
 2. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT.
 3. ALL SIDEWALK EAST OF THE WILLOW ROAD BRIDGE OVER THE MIDDLE FORK NORTH BRANCH OF THE CHICAGO RIVER TO WALNUT STREET SHALL BE BRICK SIDEWALK.
 4. FOR ADDITIONAL DRIVEWAY DETAILS SEE SHEET NO. 515 TO 516
 5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 100
 6. FOR SIDEWALK TRANSITION FROM 6' TO 4' SEE SHEET NO. 103

FILE NAME =	USER NAME = BAW\ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD SIDEWALK AND DRIVEWAY PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
G:\CH11\0158\Road\Sheets\160T35-SHT-S0\WLK-03.dgn		DRAWN - KAL	REVISED -			305	(1920.01,1518,2022&1922,4BIR	COOK	919	96	
PLOT SCALE = 1/8" = 1' in.		CHECKED - RCB	REVISED -			CONTRACT NO. 60T35					
PLOT DATE = 11/1/2012		DATE - 10/31/2012	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SCALE: 1" = 50' SHEET NO. 96 OF 919 SHEETS STA. 672+00 TO STA. 693+00

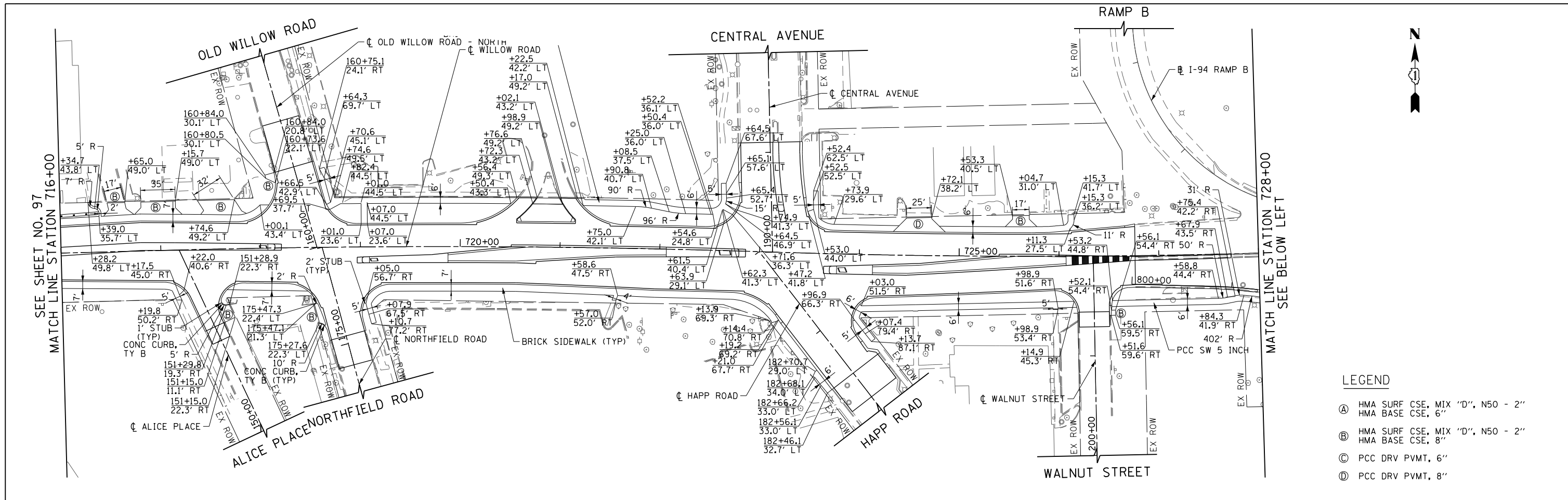


- LEGEND**
- (A) HMA SURF CSE, MIX "D", N50 - 2"
HMA BASE CSE, 6"
 - (B) HMA SURF CSE, MIX "D", N50 - 2"
HMA BASE CSE, 8"
 - (C) PCC DRV PVMT, 6"
 - (D) PCC DRV PVMT, 8"

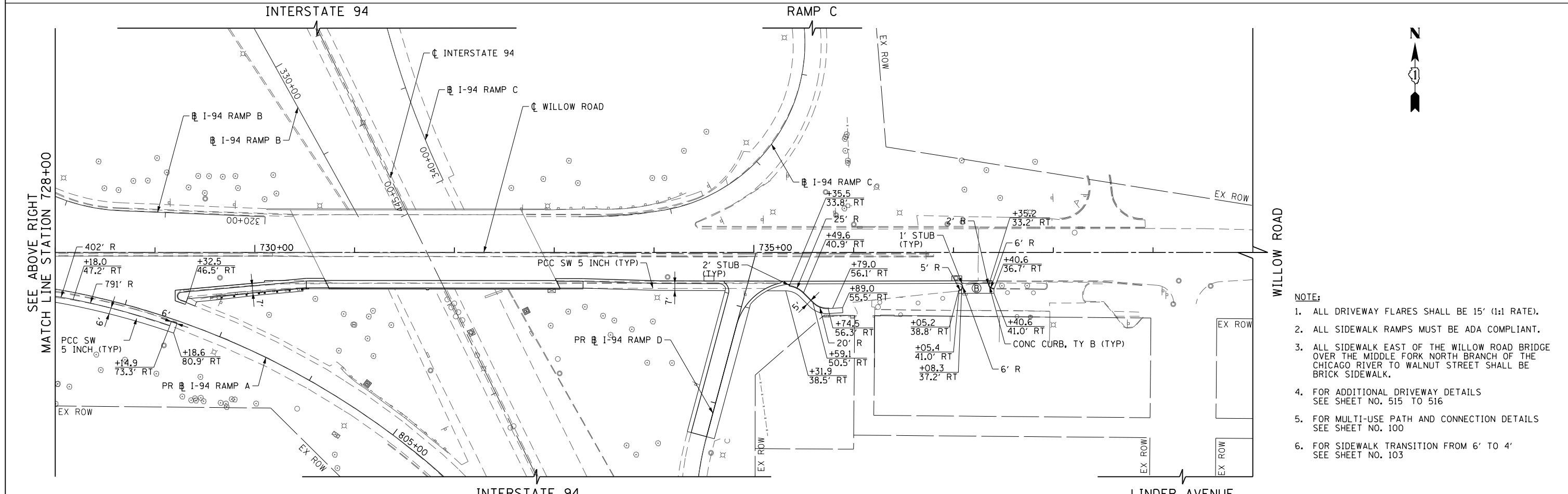


- NOTE:**
1. ALL DRIVEWAY FLARES SHALL BE 15' (1:1 RATE).
 2. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT.
 3. ALL SIDEWALK EAST OF THE WILLOW ROAD BRIDGE OVER THE MIDDLE FORK NORTH BRANCH OF THE CHICAGO RIVER TO WALNUT STREET SHALL BE BRICK SIDEWALK.
 4. FOR ADDITIONAL DRIVEWAY DETAILS SEE SHEET NO. 515 TO 516
 5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 100
 6. FOR SIDEWALK TRANSITION FROM 6' TO 4' SEE SHEET NO. 103

FILE NAME = G:\CH11\0158\Road\Sheets\160T35-SHT-SD\WK-04.dgn	USER NAME = BAW\rt	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD SIDEWALK AND DRIVEWAY PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.000' / in.	CHECKED - RCB	REVISIED -	305			(1920.01,1518,2022&1922,4BR	COOK	919	97	
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISIED -	CONTRACT NO. 60T35							
SCALE: 1" = 50' SHEET NO. 97 OF 919 SHEETS STA. 693+00 TO STA. 716+00						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

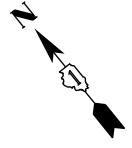


- LEGEND**
- (A) HMA SURF CSE, MIX "D", N50 - 2"
HMA BASE CSE, 6"
 - (B) HMA SURF CSE, MIX "D", N50 - 2"
HMA BASE CSE, 8"
 - (C) PCC DRV PVMT, 6"
 - (D) PCC DRV PVMT, 8"



- NOTE:**
1. ALL DRIVEWAY FLARES SHALL BE 15' (1:1 RATE).
 2. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT.
 3. ALL SIDEWALK EAST OF THE WILLOW ROAD BRIDGE OVER THE MIDDLE FORK NORTH BRANCH OF THE CHICAGO RIVER TO WALNUT STREET SHALL BE BRICK SIDEWALK.
 4. FOR ADDITIONAL DRIVEWAY DETAILS SEE SHEET NO. 515 TO 516
 5. FOR MULTI-USE PATH AND CONNECTION DETAILS SEE SHEET NO. 100
 6. FOR SIDEWALK TRANSITION FROM 6' TO 4' SEE SHEET NO. 103

FILE NAME = G:\CH11\0158\Road\Sheets\160T35-SHT-S0\WK-05.dgn	USER NAME = BAW:ort	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WILLOW ROAD SIDEWALK AND DRIVEWAY PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1/8" = 1'-0"	CHECKED - RCB	REVISOR -	305			(1920.01,1518,2022&1922,4BR)	COOK	919	98	
PLOT DATE = 11/1/2012	DATE - 10/31/2012	REVISOR -	CONTRACT NO. 60T35							
SCALE: 1" = 50' SHEET NO. 98 OF 919 SHEETS STA. 716+00 TO STA. 740+00 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT										



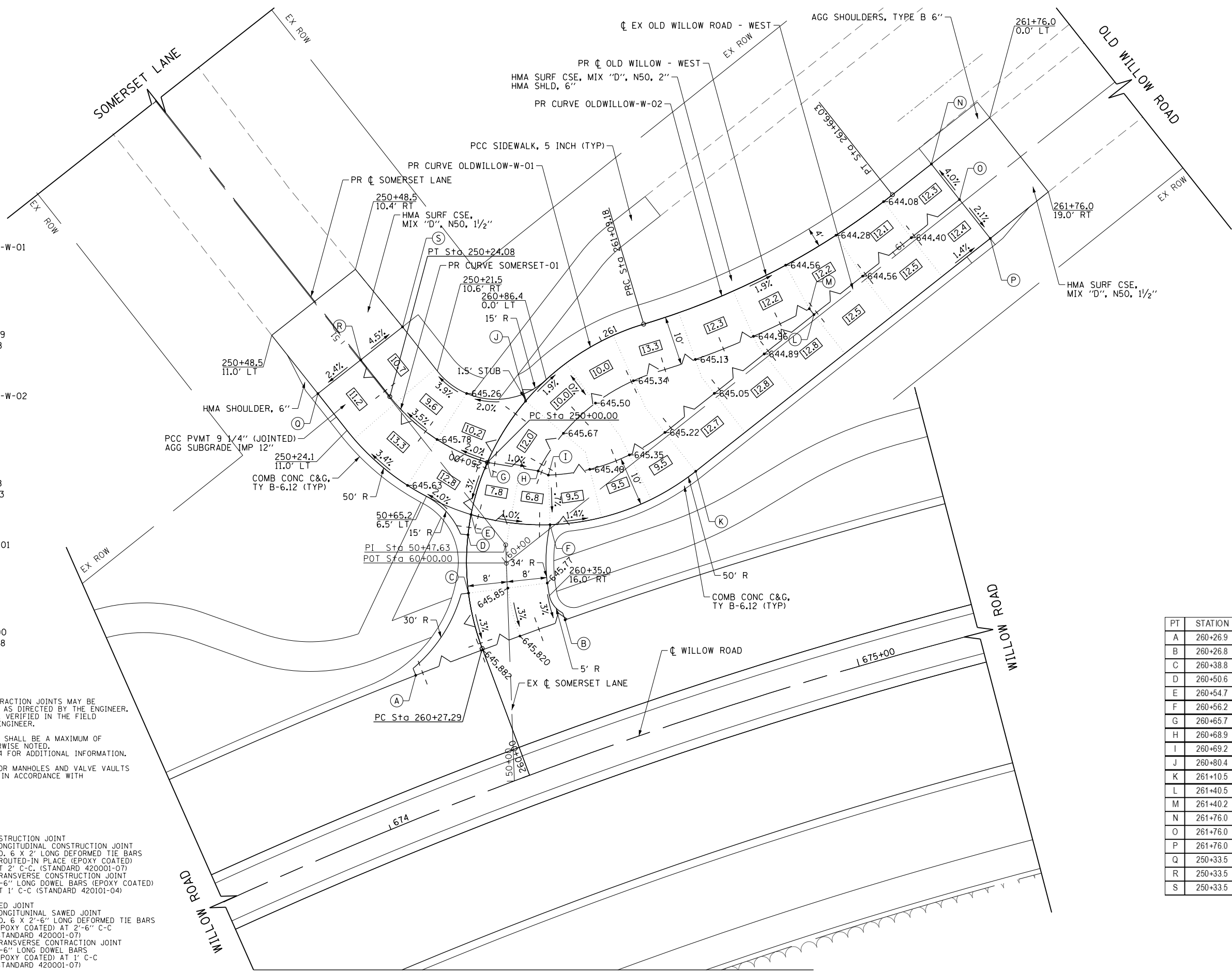
PR CURVE OLDWILLOW-W-01
 PI STA. = 260+80.75
 $\Delta = 93^\circ 50' 24''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 53.47'$
 $L = 81.89'$
 $E = 23.20'$
 P.C. STA. = 260+27.29
 P.T. STA. = 261+09.18

PR CURVE OLDWILLOW-W-02
 PI STA. = 261+37.95
 $\Delta = 21^\circ 43' 02''$ (LT)
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 28.77'$
 $L = 56.86'$
 $E = 2.73'$
 P.C. STA. = 261+09.18
 P.T. STA. = 261+66.03

PR CURVE SOMERSET-01
 PI STA. = 250+12.44
 $\Delta = 35^\circ 22' 54''$ (RT)
 $D = 146^\circ 54' 44''$
 $R = 39.00'$
 $T = 12.44'$
 $L = 24.08'$
 $E = 1.94'$
 P.C. STA. = 250+00.00
 P.T. STA. = 250+24.08

- NOTES:**
- ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
 - ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-04 FOR ADDITIONAL INFORMATION.
 - PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-03.

- LEGEND**
- CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07)
 - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-04)
 - SAWED JOINT
 - LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07)
 - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420001-07)



PT	STATION	OFFSET	ELEVATION
A	260+26.9	14.4'LT	645.99
B	260+26.8	17.7'RT	645.75
C	260+38.8	0.0'RT	645.92
D	260+50.6	0.0'LT	645.95
E	260+54.7	0.0'RT	645.97
F	260+56.2	16.0'RT	645.80
G	260+65.7	0.0'LT	646.00
H	260+68.9	10.0'RT	645.89
I	260+69.2	12.2'RT	645.87
J	260+80.4	0.0'RT	645.72
K	261+10.5	31.4'RT	645.11
L	261+40.5	11.5'RT	644.72
M	261+40.2	10.0'RT	644.79
N	261+76.0	0.0'LT	643.87
O	261+76.0	9.1'RT	644.24
P	261+76.0	19.1'RT	644.03
Q	250+33.5	11.0'LT	644.75
R	250+33.5	0.0'RT	645
S	250+33.5	10.7'RT	644.52

FILE NAME =	USER NAME = BAW\rtort	DESIGNED - JLV	REVISED -
G:\CH11\0158\Road\Sheets\160T35-SHT-PL-1.dgn		DRAWN - KAL	REVISED -
PLOT SCALE = 20.000' / in.		CHECKED - RCB	REVISED -
PLOT DATE = 11/28/2012		DATE - 10/31/2012	REVISED -

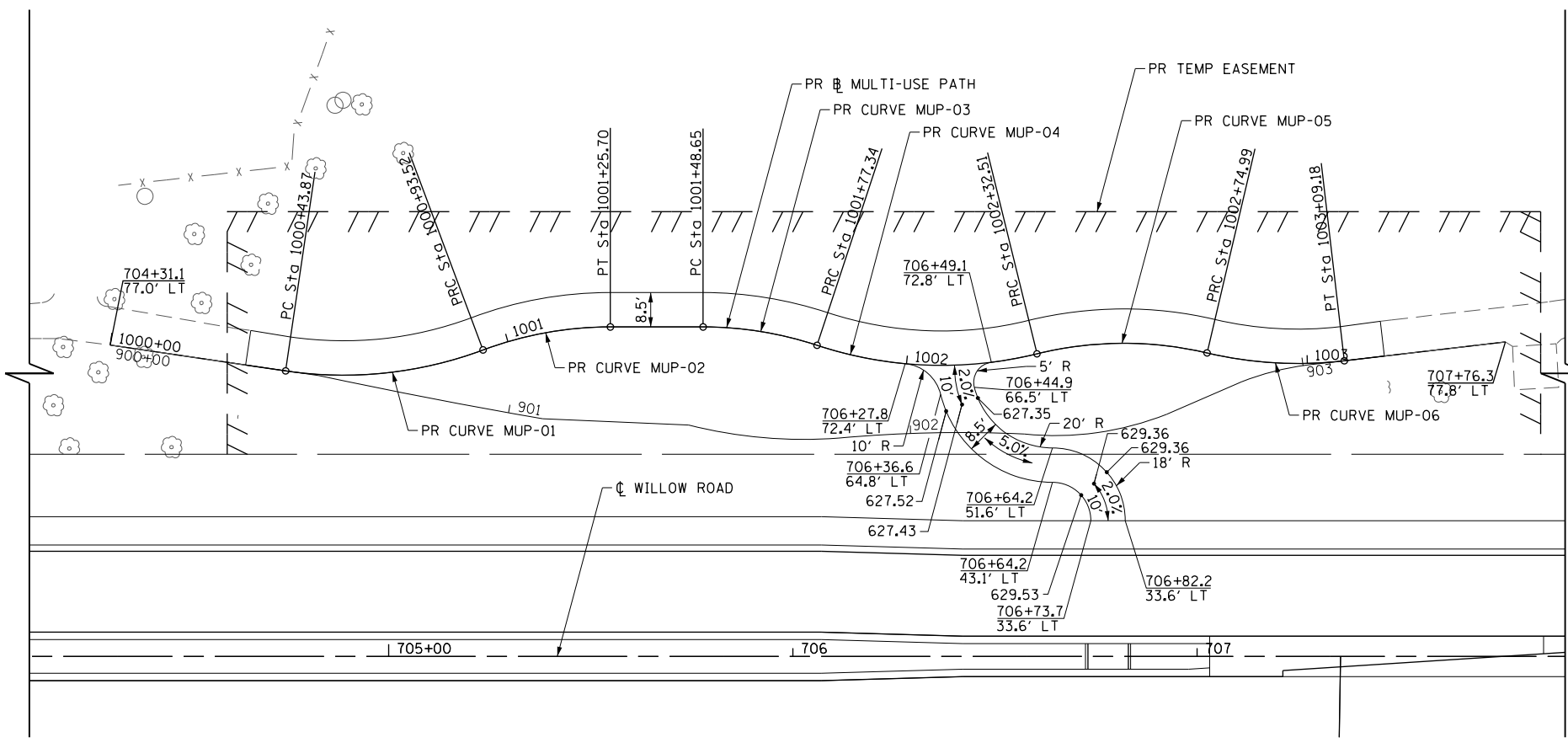
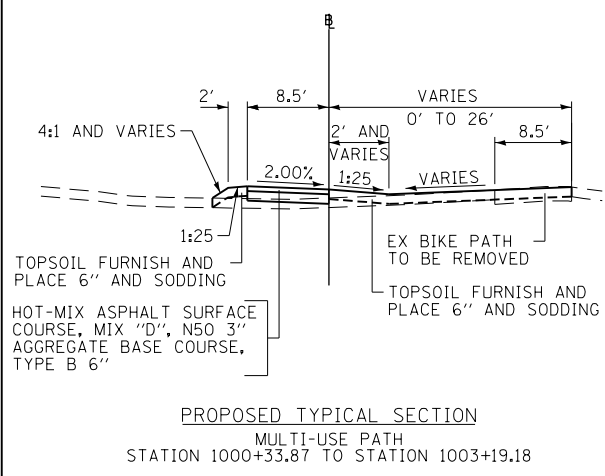
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

OLD WILLOW ROAD / SOMERSET LANE PLAN

SCALE: 1" = 20' SHEET NO. 99 OF 919 SHEETS

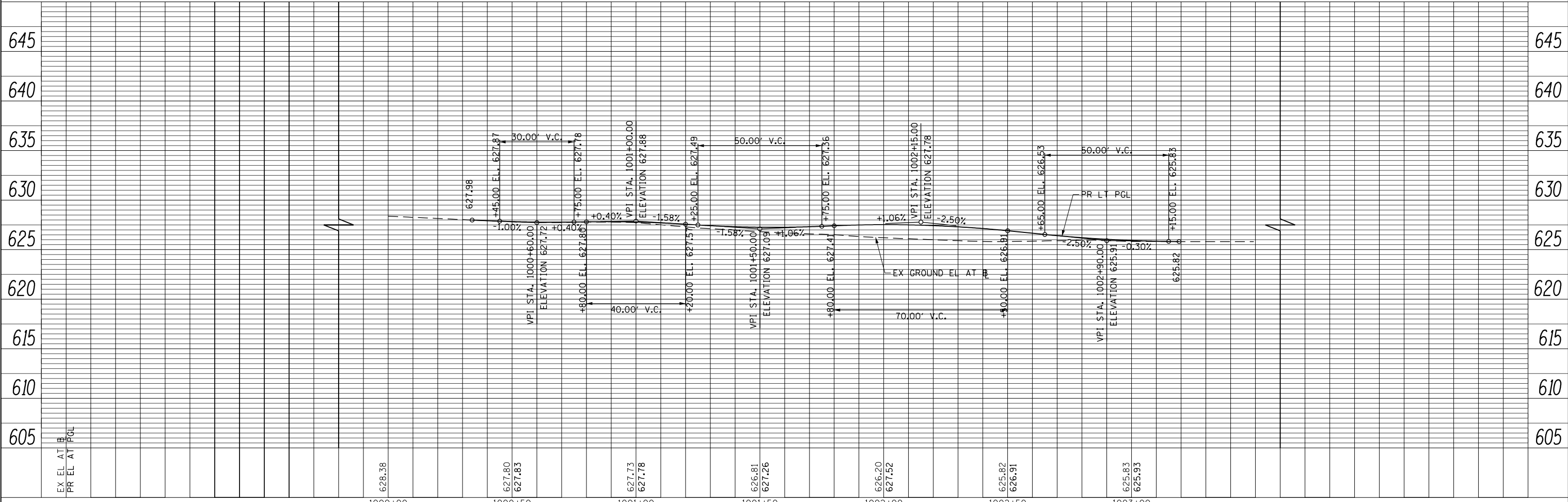
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	(1920.01,1518,2022&1922.4)BR	COOK	919	99
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T35	

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



PR CURVE MUP-01 PI STA. = 1000+69.23 Δ = 28° 52' 44" (LT) D = 58' 10' 06" R = 98.50' T = 25.36' L = 49.65' E = 3.21' P.C. STA. = 1000+43.87 P.T. STA. = 1000+93.52	PR CURVE MUP-02 PI STA. = 1001+09.78 Δ = 20° 29' 17" (RT) D = 63° 39' 43" R = 90.00' T = 16.26' L = 32.18' E = 1.46' P.C. STA. = 1000+93.52 P.T. STA. = 1001+25.70
PR CURVE MUP-03 PI STA. = 1001+63.12 Δ = 18° 15' 56" (RT) D = 63° 39' 43" R = 90.00' T = 14.47' L = 28.69' E = 1.16' P.C. STA. = 1001+48.65 P.T. STA. = 1001+77.34	PR CURVE MUP-04 PI STA. = 1002+05.67 Δ = 32° 05' 26" (LT) D = 58' 10' 06" R = 98.50' T = 28.33' L = 55.17' E = 3.99' P.C. STA. = 1001+77.34 P.T. STA. = 1002+32.51
PR CURVE MUP-05 PI STA. = 1002+54.15 Δ = 27° 02' 40" (RT) D = 63° 39' 43" R = 90.00' T = 21.64' L = 42.48' E = 2.57' P.C. STA. = 1002+32.51 P.T. STA. = 1002+74.99	PR CURVE MUP-06 PI STA. = 1002+92.26 Δ = 19° 53' 19" (LT) D = 58' 10' 06" R = 98.50' T = 17.27' L = 34.19' E = 1.50' P.C. STA. = 1002+74.99 P.T. STA. = 1003+09.18

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



FILE NAME = G:\CHI\1518\Road\Sheets\DI60135-SHT-PLNPRF-19.dgn	USER NAME = BAW\rt	DESIGNED - JLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-USE PATH PLAN AND PROFILE	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40.000' / in.	CHECKED - RCB	REVISED -	305			(1920.01,1518,2022&1922.4)BR	COOK	919	100	
PLOT DATE = 11/28/2012	DATE - 10/31/2012	REVISED -	CONTRACT NO. 60T35							
			SCALE: HORIZ: 1"=20' VERT: 1"=2'			SHEET NO. 100 OF 919 SHEETS	STA. 1000+00 TO STA. 1003+49	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		