

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

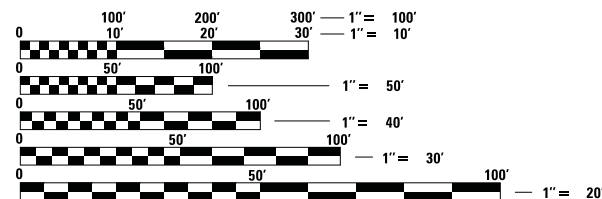
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU RTE 2665 (WEILAND ROAD)
DEERFIELD PARKWAY TO LAKE COOK ROAD
ADD LANES, BIKE / PED PATH, AND INTERSECTION IMPROVEMENT
SECTION 14-00158-11-WR
PROJECT NO. KVMG(444)
LAKE COUNTY
C-91-069-18

FOR INDEX OF SHEETS AND
LIST OF STATE STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE
VILLAGE OF BUFFALO GROVE.

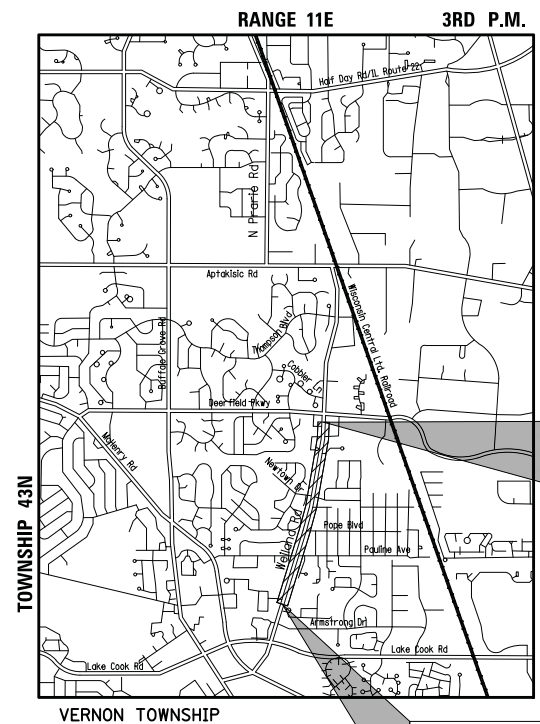
DESIGN DESIGNATION = MAJOR COLLECTOR
POSTED SPEED = 40 MPH
WEILAND ROAD ADT = 14,800-16,400 (2008) 19,000-22,000 (2040)



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

J.U.L.I.E.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1.800.892.0123 OR 811



LOCATION MAP
NOT TO SCALE

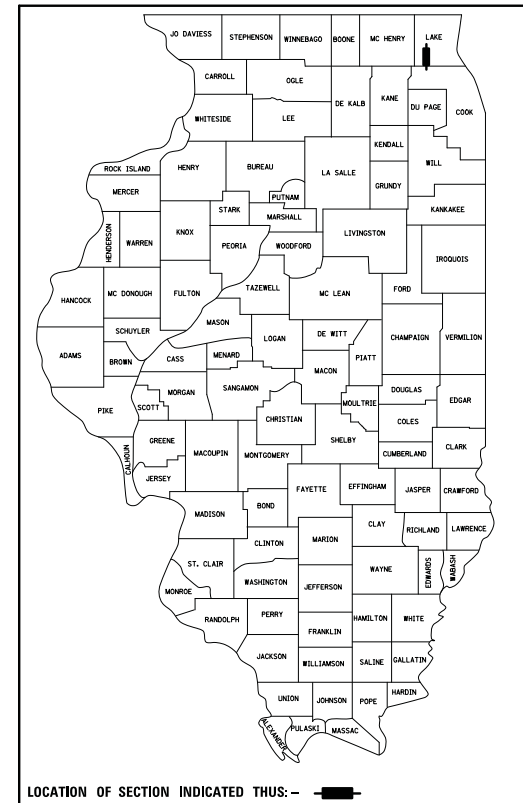
BEGIN ROADWAY
IMPROVEMENT
WEILAND ROAD
STA 18+25.0

END ROADWAY
IMPROVEMENT
WEILAND ROAD
STA 72+12.0

GROSS AND NET LENGTH:

WEILAND ROAD (STA 18+25.0 TO STA 72+12.0) - 5,387.0 FT (1.02 MI)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	1
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Approved March 1, 2018
Shane Schneider
Lake County Div of Transportation, County Engineer

Passed MARCH 22, 2018
Chris Christopher
District One Engineer of Local Roads & Streets

Releasing for Bid
Based on Limited
Review MARCH 22, 2018
Chris G. Gajda
Regional Engineer

APPLIES TO SHEETS 1-208:294-537



Jonathan R. Nava
REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2019

APPLIES TO SHEETS 209-242



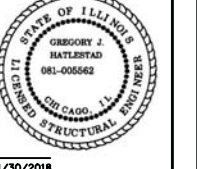
Joseph J. Emry
REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2019

APPLIES TO SHEETS 243-277

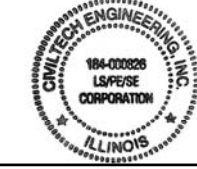


Derek N. Mall
REGISTERED P.E., STATE OF ILLINOIS EXPIRES 11/30/2019

APPLIES TO SHEETS 278-293



Gregory J. Battlerstad
REGISTERED S.E., STATE OF ILLINOIS EXPIRES 11/30/2018



PLANS PREPARED BY:
CIVILTECH
Two Pierce Place, Suite 1400 - Itasca, Illinois 60143
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FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

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HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-03	METAL FLARED END SECTION FOR PIPE CULVERTS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET – TYPE A
602401-06	PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER
602406-10	PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER
602411-08	PRECAST MANHOLE TYPE A 7' (2.13 m) DIAMETER
602416-08	PRECAST MANHOLE TYPE A 8' (2.44 m) DIAMETER
602421-08	PRECAST MANHOLE TYPE A 9' (2.74 m) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
604056-04	FRAME AND GRATE TYPE 11V
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
664001-02	CHAIN LINK FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS – DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
877011-10	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-10	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

LCDOT HIGHWAY STANDARDS

LC 0000	MATERIALS LETTING DRAINAGE STRUCTURE DETAIL
LC 0020	TRENCH WIDTHS FOR TRENCH BACKFILL & PAVEMENT REPLACEMENT, BITUMINOUS
LC 2000	UNDERCUT DETAIL
LC 2050	TEMPORARY DITCH CHECK INSTALLATION FOR ROADWAY OR DRAINAGE DITCH
LC 2051	PERIMETER EROSION BARRIER INSTALLATION
LC 2100	DRY RUBBLE STONE OR BROKEN CONCRETE TREE WELLS
LC 2200	VEGETATION MAINTENANCE REQUIRED CLEARANCE FOR 10' BIKEPATH
LC 4021	TYPICAL 5 LANE SECTION (12' LANES)
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LC 4054	TYPICAL SECTION 10' HOT-MIX ASPHALT BIKEPATH IN VICINITY OF CURB & GUTTER
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LC 4101	TYPICAL MAJOR ACCESS (COMMERCIAL ENTRANCE)
LC 4102	TYPICAL MAJOR ACCESS (SIDE ROAD)
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LC 6060	PERFORATED RISER PIPE DETAIL
LC 6650	WITNESS POST
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LC 7004	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
LC 7200	DIRECTION INDICATOR BARRICADES
LC 7201	TEMPORARY CONSTRUCTION INFORMATION SIGNS
LC 7203	WORK ZONE SPEED LIMIT SIGNING DIAGRAM
LC 7800	TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS
LC 7802	SHORT TERM PAVEMENT MARKINGS
LC 7805	RECESSED REFLECTIVE PAVEMENT MARKER
LC 8900	CAMERA MOUNTING DETAILS

GENERAL

- THE CONTRACTOR SHALL NOTIFY THE ENGINEER, LAKE COUNTY DIVISION OF TRANSPORTATION (847) 377-7400, LAKE COUNTY PUBLIC WORKS (847) 377-7500, THE VILLAGE OF BUFFALO GROVE (847) 459-2523, UTILITY COMPANIES, SCHOOL DISTRICTS, AND LOCAL POLICE AND FIRE DEPARTMENTS (SEE "POINTS OF CONTACT" ON NEXT SHEET FOR CONTACT INFORMATION) AND SUBMIT A TRAFFIC CONTROL AUTHORIZATION REQUEST TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION 72 HOURS PRIOR TO THE COMMENCEMENT OF WORK.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL LIMIT ANY DROP-OFF BETWEEN LANES TO 2" DURING ANY OVERNIGHT PERIOD.
- PROPOSED LINES AND GRADES SHOWN ON THE CONSTRUCTION PLANS REPRESENT FINISHED GRADE ELEVATIONS, UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS, INCLUDING RADII, ARE GIVEN TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- WHEN REMOVING CURB AND GUTTER, PAVEMENT OR ANY OTHER STRUCTURE, THE CONTRACTOR SHALL TAKE THE PRECAUTIONS NECESSARY TO AVOID DAMAGE TO UNDERGROUND PUBLIC OR PRIVATE UTILITIES. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL CONCRETE BREAKER BE ALLOWED.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. WHERE NEW WORK IS PROPOSED TO MEET EXISTING FEATURES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD CHECK ALL DIMENSIONS AND ELEVATIONS AND NOTIFY THE ENGINEER OF DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.
- ALL EXCAVATION AND EMBANKMENT SHALL BE CONSTRUCTED 4, 12, OR 30 INCHES BELOW FINISHED GRADE LINE TO ALLOW FOR TOP SOIL PLACEMENT (WHERE TOP SOIL PLACEMENT IS SPECIFIED).
- ALL EXCESS MATERIAL SHALL BE DISPOSED OF OFFSITE ON THE DAY IT IS EXCAVATED OR REMOVED.
- ALL SYSTEMS TO DIVERT WATER AWAY FROM WORK AREAS SHALL BE INSTALLED PRIOR TO THE START OF WORK. WATER SHALL BE DIVERTED OR BYPASS PUMPED SO THAT FLOWING WATER IS NOT WITHIN EXCAVATION AREAS.
- THE STATIONS NOTED FOR DRIVEWAYS REFER TO THE POSITION OF THE CENTER OF THE DRIVEWAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT OF EACH DRIVEWAY BASED UPON DESIGN DETAILS.
- WHEN THE PCC SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK AND UNDERLYING AGGREGATE BASE IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE ADJACENT PCC DRIVEWAY AND AGGREGATE THICKNESS.
- ACCORDING TO ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS" THE CONTRACTOR SHALL REMOVE ALL MAILBOXES WITHIN THE LIMITS OF CONSTRUCTION WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND SHALL ERECT THEM AT TEMPORARY LOCATIONS. AS SOON AS CONSTRUCTION OPERATIONS PERMIT, THE CONTRACTOR SHALL SET THE MAILBOXES AT THEIR PERMANENT LOCATIONS AS DIRECTED BY THE ENGINEER AND COORDINATED WITH THE POST OFFICE.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL SURVEY NO.	NOTE BOOK NO.				

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL SURVEY NO.	NOTE BOOK NO.				



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DESIGNED - PK	REVISED - 3/28/2019
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 11/26/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	2
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STORM SEWERS, STRUCTURES, AND UTILITIES

- 17. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- 18. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND APPLICABLE ARTICLES INCLUDED IN THE "STANDARD SPECIFICATIONS" INCLUDING, BUT NOT LIMITED TO, ARTICLES 105.07 AND 107.31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS.
- 19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS AND WATER MAINS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT OR RELOCATION OF THEIR FACILITIES, IF NECESSARY (SEE "POINTS OF CONTACT" ON THIS SHEET FOR CONTACT INFORMATION).
- 20. MATERIALS CONSIDERED SUITABLE BY THE ENGINEER FOR SALVAGE SHALL BE STORED WITHIN THE RIGHT-OF-WAY FOR LATER REMOVAL BY THE LOCAL AGENCY.
- 21. THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES. ANY MODIFICATION OF STRUCTURES DUE TO THE FAILURE OF THE CONTRACTOR TO PERFORM THIS TASK MAY LEAD TO THE REJECTION OF THE STRUCTURE IN THE FIELD.
- 22. HMA OR CONCRETE PAVEMENT CROSSINGS REMOVED DUE TO STORM SEWER, WATER MAIN, SANITARY SEWER, OR CULVERT WORK SHALL NOT BE LEFT IN GRAVEL OVERNIGHT. THIS INCLUDES THE MAIN ROADS, SIDE STREETS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES AND PARKING AREAS. TEMPORARY HMA PAVEMENT MAY BE USED IN LIEU OF IMMEDIATE PAVEMENT REPLACEMENT.
- 23. THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE. FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTER LINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS. FRAMES AND LIDS FOR MANHOLES LOCATED ALONG THE SHARED USE PATH SHALL BE PLACED/ROTATED OUTSIDE OF THE PATH PAVEMENT.
- 24. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACK FILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 WILL NOT BE ALLOWED.
- 25. THE CONTRACTOR SHALL DETERMINE WHEN FLAT TOP SLABS ARE REQUIRED ON DRAINAGE STRUCTURES.
- 26. ALL STRUCTURES DESIGNATED TO BE ADJUSTED, SPECIAL ADJUSTED OR RECONSTRUCTED SHALL HAVE NEW FRAMES, LIDS AND GRATES PROVIDED AT THE DIRECTION OF THE ENGINEER.
- 27. UNDERDRAINS SHALL BE INSTALLED AT THE OUTSIDE EDGE OF THE PAVEMENT TO DRAIN THE AGGREGATE SUBGRADE. TRANSVERSE UNDERDRAINS SHALL BE INSTALLED AT THE LOW POINTS OF THE PROFILE AND AT ANY UNDERCUTS DETERMINED IN THE FIELD.
- 28. STATIONS, OFFSETS, AND INVERT ELEVATIONS FOR FLARED END SECTIONS ARE GIVEN AT THE CENTERLINE OF THE OUTLET END OF THE FLARED END SECTION. THE FLARED END SECTION SHALL BE INSTALLED AT THE SAME SLOPE AS THE OUTLET PIPE.

SIGNING, STRIPING & LANDSCAPING

- 29. ALL UNUSED SIGNS SHALL BE RETURNED TO THE LAKE COUNTY DIVISION OF TRANSPORTATION AT THE DIRECTION OF THE ENGINEER.
- 30. WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SEEDED/SODDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND SPECIAL PROVISIONS.
- 31. TEMPORARY FENCE SHALL BE PLACED AROUND ALL TREES THAT ARE TO BE PROTECTED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SEE SPECIAL PROVISIONS FOR MORE DETAIL.
- 32. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. MAJOR ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF DAMAGE TO THE REMAINING TREE STRUCTURE.
- 33. THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR, SHALL BE RESTORED BY THE CONTRACTOR.
- 34. THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE COUNTY. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
- 35. PHOSPHORUS FERTILIZER NUTRIENT SHALL NOT BE USED ON LAKE COUNTY HIGHWAYS.

SURVEY

- 36. VERTICAL CONTROL REFERENCED TO NGVD 1929.
- 37. BEARINGS AND COORDINATES ARE REFERENCED TO THE ILLINOIS COORDINATE SYSTEM NAD 83(2007) EAST ZONE.
- 38. SURFACE COORDINATES ARE SHOWN.
- 39. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- 40. A NORTHERN LONG-EARED BAT (NLEB) TREE SURVEY WAS CONDUCTED BY THE LCDOT AND SUITABLE NLEB HABITATE TREES HAVE BEEN REMOVED BY LCDOT FORCES DURING THE WINTER OF 2018-2019. IF SUITABLE NORTHERN LONG-EARED BAT HABITAT TREES ARE FOUND WITHIN THE PROJECT AREA, THESE TREES SHALL BE CLEARLY FLAGGED AND/OR MARKED AND SHALL NOT BE CUT BETWEEN APRIL 1 - OCTOBER 14. SUITABLE HABITAT TREES ARE DEFINED AS TREES >5 INCHES DIAMETER BREST HEIGHT (DBH), WITH EXFOLIATING BARK. ALL NON-SUITABLE TREES MAY BE CUT AT ANY TIME. A FIELD VISIT SHOULD BE PERFORMED BY A QUALIFIED INDIVIDUAL (DISTRICT BIOLOGIST, FORESTER, OR OTHERS WHO HAVE BEEN TRAINED ACCORDINGLY) TO DETERMINE IF SUITABLE TREES ARE PRESENT TO PROVIDE NORTHERN LONG-EARED BAT HABITAT. SUITABLE HABITAT TREES ARE: SHAGBARK AND SHELL BARK HICKORY (LIVE OR DEAD); BITTER NUT HICKORY; GREEN ASH; AMERICAN ELM; SLIPPERY ELM; EASTERN COTTONWOOD; SILVER MAPLE; SUGAR MAPLE; WHITE OAK; RED OAK; POST OAK; AND SHINGLE OAK. THIS INCLUDES TREES THAT ARE DEAD, DYING, BROKEN, OR DAMAGED, WITH SLABS OR PLATES OF LOOSE OR PEELING BARK ON THE TRUNKS OR LIMBS. IF NO SUITABLE HABITAT TREES EXIST WITHIN THE PROJECT AREA, ALL TREES ON SITE MAY BE CUT AT ANY TIME.

POINTS OF CONTACT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	3
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1,328	1,328							
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	848	848							
20101000	TEMPORARY FENCE	FOOT	8,979	8,979							
^ 20101200	TREE ROOT PRUNING	EACH	52	52							
^ 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	27	27							
^ 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	25	25							
* 20200100	EARTH EXCAVATION	CU YD	35,170	35,170							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5,361	5,361							
* 20400800	FURNISHED EXCAVATION	CU YD	115	115							
20800150	TRENCH BACKFILL	CU YD	9,770	8,892	760	118					
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	44,926	44,926							
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	5,087	1,827		3,260					
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	500	500							
* 21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	100			100					
* 21101695	TOPSOIL FURNISH AND PLACE, 30"	SQ YD	50			50					
^ 25000210	SEEDING, CLASS 2A	ACRE	0.50	0.50							
^ 25000310	SEEDING, CLASS 4	ACRE	1.50			1.50					
^ 25000322	SEEDING, CLASS 5A	ACRE	1.50			1.50					
^ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	487	487							
^ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	487	487							
^ 25100630	EROSION CONTROL BLANKET	SQ YD	9,889	9,889							
^ 25200110	SODDING, SALT TOLERANT	SQ YD	15,125	15,125							
^ 25200200	SUPPLEMENTAL WATERING	UNIT	5	5							
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	55	55							
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	555	555							
* 28000305	TEMPORARY DITCH CHECKS	FOOT	70	70							

^ DENOTES SPECIALTY ITEM
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 1 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	4
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
* 28000400	PERIMETER EROSION BARRIER	FOOT	3,234	3,234							
* 28000510	INLET FILTERS	EACH	124	124							
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	26,878	26,878							
* 28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	250	250							
28100201	STONE RIPRAP, CLASS A1	TON	54	54							
28100205	STONE RIPRAP, CLASS A3	TON	19	19							
28100207	STONE RIPRAP, CLASS A4	TON	259	259							
28200200	FILTER FABRIC	SQ YD	327	327							
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	3,563	3,563							
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	42,751	42,751							
* 35101400	AGGREGATE BASE COURSE, TYPE B	TON	3,226	630			2,596				
35400200	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 7"	SQ YD	175	175							
* 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20	20							
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	2	2							
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	23	23							
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	25	25							
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	31	31							
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	18,484	18,484							
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	864	148			716				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,536	4,536							
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	26,232	26,232							
* 42001300	PROTECTIVE COAT	SQ YD	7,088	3,200		811	3,077				
42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SQ YD	344	344							
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	215	215							
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	28,109			451	27,658				
* 42400800	DETECTABLE WARNINGS	SQ FT	598			128	470				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 2 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	5
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
* 44000100	PAVEMENT REMOVAL	SQ YD	32,298	32,298							
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1,927	1,927							
* 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	3,300	3,300							
* 44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6,474	6,474							
* 44000600	SIDEWALK REMOVAL	SQ FT	38,084	38,084							
* 44003100	MEDIAN REMOVAL	SQ FT	1,054	1,054							
* 44004000	PAVED DITCH REMOVAL	FOOT	21	21							
* 44004250	PAVED SHOULDER REMOVAL	SQ YD	268	268							
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	50	50							
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	245	245							
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	66	66							
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	265	265							
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	974	974							
* 48101200	AGGREGATE SHOULDERS, TYPE B	TON	391	391							
* 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1							
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2							
* 50105220	PIPE CULVERT REMOVAL	FOOT	82	82							
50200100	STRUCTURE EXCAVATION	CU YD	71	71							
* 50300285	FORM LINER TEXTURED SURFACE	SQ FT	2,364	2,364							
50300300	PROTECTIVE COAT	SQ YD	49	49							
50500505	STUD SHEAR CONNECTORS	EACH	209	209							
50800105	REINFORCEMENT BARS	POUND	5,370	5,370							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	6,810	6,810							
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	666	666							
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	675	675							
52200150	DRIVING SOLDIER PILES	FOOT	675	675							

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 3 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	6
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
52200250	UNTREATED TIMBER LAGGING	SQ FT	562	562							
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	71.9	71.9							
54003000	CONCRETE BOX CULVERTS	CU YD	49.4	49.4							
5421C012	PIPE CULVERTS, CLASS C, TYPE 1 12" (TEMPORARY)	FOOT	3	3							
5421C015	PIPE CULVERTS, CLASS C, TYPE 1 15" (TEMPORARY)	FOOT	6	6							
5421C024	PIPE CULVERTS, CLASS C, TYPE 1 24" (TEMPORARY)	FOOT	43	43							
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2							
* 54262724	METAL FLARED END SECTIONS 24"	EACH	1	1							
* 550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	330	330							
* 550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	143	143							
* 550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,481	1,481							
* 550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	270	270							
* 550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	943	943							
* 550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	40	40							
* 550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	102	102							
* 550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	1,324	1,324							
* 550A4015	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	110	110							
* 550A4900	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 24"	FOOT	134	134							
* 55100200	STORM SEWER REMOVAL 6"	FOOT	45	45							
* 55100300	STORM SEWER REMOVAL 8"	FOOT	18	18							
* 55100400	STORM SEWER REMOVAL 10"	FOOT	213	213							
* 55100500	STORM SEWER REMOVAL 12"	FOOT	1,260	1,260							
* 55100700	STORM SEWER REMOVAL 15"	FOOT	974	974							
* 55100900	STORM SEWER REMOVAL 18"	FOOT	187	187							
* 55101200	STORM SEWER REMOVAL 24"	FOOT	3,330	3,330							

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 4 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	7
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
^ *	56100600 WATER MAIN 6"	FOOT	24		24						
^ *	56100700 WATER MAIN 8"	FOOT	1,448		1,448						
^ *	56103400 DUCTILE IRON WATER MAIN 16"	FOOT	234			234					
^ *	56105000 WATER VALVES 8"	EACH	4		4						
^ *	56105300 WATER VALVES 16"	EACH	2			2					
^ *	56106600 ADJUSTING WATER MAIN 12"	FOOT	25			25					
^ *	56106700 ADJUSTING WATER MAIN 16"	FOOT	25			25					
^	56300100 ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	25			25					
^	56300300 ADJUSTING WATER SERVICE LINES	FOOT	25			25					
^ *	56400200 FIRE HYDRANTS TO BE MOVED (SPECIAL)	EACH	7			7					
^ *	56400400 FIRE HYDRANTS TO BE RELOCATED	EACH	3			3					
^ *	56400820 FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	12		2	10					
	59100100 GEOCOMPOSITE WALL DRAIN	SQ YD	45	45							
*	60100905 PIPE DRAINS 4"	FOOT	25	25							
*	60100915 PIPE DRAINS 6"	FOOT	25	25							
*	60108104 PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	11,724	11,724							
*	60200105 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1							
*	60200805 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3							
*	60201105 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	8	8							
*	60201110 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	19	19							
*	60201340 CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	3							
*	60207605 CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	9	9							
*	60207915 CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	8	8							
*	60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	26	26							
*	60219000 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1							
*	60221100 MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 5 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	8
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
* 60224457	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1							
* 60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15	15							
* 60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1							
* 60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1							
* 60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1							
* 60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	28	28							
* 60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	5	5							
* 60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6		4	2					
* 60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1							
* 60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1							
* 60255500	MANHOLES TO BE ADJUSTED	EACH	5	5							
* 60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1							
* 60260100	INLETS TO BE ADJUSTED	EACH	4	4							
* 60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1							
* 60265700	VALVE VAULTS TO BE ADJUSTED	EACH	17			17					
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	2			2					
60402210	GRATES, TYPE 8	EACH	1	1							
* 60404805	FRAMES AND GRATES, TYPE 11V	EACH	2	2							
60404950	FRAMES AND GRATES, TYPE 24	EACH	2	2							
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	4	4							
* 60500040	REMOVING MANHOLES	EACH	24	24							
* 60500050	REMOVING CATCH BASINS	EACH	14	14							
* 60500060	REMOVING INLETS	EACH	42	42							
60600605	CONCRETE CURB, TYPE B	FOOT	213	213							
* 60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	13,015	10,716		2,299					
* 60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	743	743							

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 6 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	9
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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TEMPLATE	
AREAS	
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	430			430					
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	1,866			1,866					
* 63200310	GUARDRAIL REMOVAL	FOOT	436	436							
67100100	MOBILIZATION	LSUM	1	1							
67201000	SEALING ABANDONED WATER WELLS	EACH	1	1							
* 70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	943	943							
* 70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	732	732							
* 70107016	PAVEMENT MARKING BLACKOUT TAPE, 16"	FOOT	573	573							
* 70107024	PAVEMENT MARKING BLACKOUT TAPE, 24"	FOOT	198	198							
* 70107025	CHANGEABLE MESSAGE SIGN	CAL DA	90	90							
* 70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,807	1,807							
* 70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	603	603							
* 70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	985	985							
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	51,624	51,624							
* 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3,731	3,731							
* 70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	297	297							
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	490	490							
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	381	381							
* 70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	3,551	3,551							
70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,270	4,270							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,770	1,770							
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	16	16							
70600341	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	5	5							
^ 72000100	SIGN PANEL - TYPE 1	SQ FT	149	149							
^ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	9	9							
^ 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	60	60							

^ DENOTES SPECIALTY ITEM
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 7 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	10
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
^ 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	12	12							
^ 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	4	4							
^ 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	41	41							
^ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	611	611							
^ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	704	704							
^ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,845	15,845							
^ 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	9,190	9,190							
^ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,218	2,218							
^ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	207	207							
^ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,343	2,343							
^ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	353	353							
^ 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	350	350							
^* 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1						1		
^* 80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1						1		
^* 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1					1			
^* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	5,654					5,654			
^* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1,265						1,265		
^* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	55					55			
^* 81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	112					112			
^* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	497					422	75		
^* 81400100	HANDHOLE	EACH	12					12			
^* 81400300	DOUBLE HANDHOLE	EACH	2					2			
^ 81603040	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	345						345		
^ 81603050	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	341						341		
^ 81603100	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	10,247						10,247		
^ 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,846					1,846			

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 8 OF 16 SHEETS STA. TO STA.

F.A.U. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	11
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
^	81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	40					40		
^	81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	55					55		
^	81800230	AERIAL CABLE, 2-1/C NO. 6 WITH MESSENGER WIRE	FOOT	830					830		
^	81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	30					30		
^	81800415	AERIAL CABLE, 4-1/C NO. 6 WITH MESSENGER WIRE	FOOT	8,485					8,485		
^	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1					1		
^ *	83062370	LIGHT POLE, WEATHERING STEEL, 35 FT. M.H., 6 FT. MAST ARM	EACH	48					48		
^	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	380					380		
^	84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	50					50		
^ *	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	23					23		
^	84200804	REMOVAL OF POLE FOUNDATION	EACH	29					29		
^	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	6					6		
^	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	5					5		
^ *	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1				1			
^ *	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3,904				3,904			
^ *	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2,177				2,177			
^ *	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,803				1,803			
^ *	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,218				1,218			
^ *	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,531				1,531			
^ *	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	193				193			
^ *	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,115				1,115			
^ *	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1				1			
^ *	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	24				24			
^ *	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4				4			
^ *	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60				60			
^	87900200	DRILL EXISTING HANDHOLE	EACH	3				3			

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 9 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	12
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
^ *	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6				6			
^ *	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4				4			
^ *	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4				4			
^ *	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	18				18			
^ *	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10				10			
^ *	88600100	DETECTOR LOOP, TYPE I	FOOT	96				96			
^ *	88700200	LIGHT DETECTOR	EACH	2				2			
^ *	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1				1			
^ *	88800100	PEDESTRIAN PUSH-BUTTON	EACH	15				15			
^ *	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1			
^	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1				1			
^ *	89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1				1			
^	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	14,988				168	14,820		
^ *	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2				2			
^	89502380	REMOVE EXISTING HANDHOLE	EACH	5				5			
^	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8				8			
^	A2000220	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	23		23					
^	A2001820	TREE, ACER SACCHARUM GREEN MOUNTAIN (GREEN MOUNTAIN SUGAR MAPLE), 2 -1/2" CALIPER, BALLED AND BURLAPPED	EACH	21		21					
^	A2002520	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7		7					
^	A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	22		22					
^	A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14		14					
^	A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	14		14					
^	A2007920	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	15		15					
^	A2008120	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLE LEAF LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	31		31					
^	B2000566	TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	9		9					
^ *	K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	16		16					

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 10 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	13
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
^ *	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	27		27					
^ *	K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	UNIT	2		2					
^ *	K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	5		5					
*	LR430010	PAVING BRICK PAVEMENT FOR LIGHT TRAFFIC	SQ YD	141	141						
*	X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SQ FT	5,279	5,279						
^ *	X0323003	TEMPORARY ELECTRIC SERVICE INSTALLATION	EACH	1					1		
*	X0324058	OUTLET SPECIAL	EACH	2	2						
^ *	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	331				331			
^ *	X0324637	BASE COVER, LIGHT POLE	EACH	48					48		
*	X0327003	BLOCKWALL RECONSTRUCT	LSUM	1	1						
^ *	X0327078	REMOVE FIRE HYDRANT AND VALVE ASSEMBLY	EACH	2		2					
^ *	X0327211	RELOCATE SWITCH	EACH	1				1			
^ *	X0327236	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	2					2		
^ *	X0327350	TEMPORARY WOOD POLE, 50 FT., CLASS 4, 15 FT. MAST ARM	EACH	48					48		
^ *	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4				4			
*	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	7,276	7,276						
*	X0426200	DEWATERING	LSUM	1	1						
*	X0795800	COARSE AGGREGATE	TON	94	94						
*	X0900064	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	152	152						
*	X1200046	STORM SEWERS, CLASS B, TYPE 2 8"	FOOT	57	57						
^ *	X1400007	FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE	FOOT	3,927				3,927			
^ *	X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	211				211			
^ *	X1400144	UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1				1			
^ *	X1400202	LUMINAIRE (SPECIAL)	EACH	1					1		
^ *	X1400323	RELOCATE EXISTING ENCODER	EACH	1				1			

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 11 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	14
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E24	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
^ *	X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	6			6				
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	50	50						
^ *	X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.25		0.25					
*	X2800302	TEMPORARY DITCH CHECKS (SPECIAL)	FOOT	83	83						
*	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	13	13						
*	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3						
*	X4023000	TEMPORARY ACCESS (ROAD)	EACH	8	8						
*	X4024100	TEMPORARY ACCESS (WINTERIZE)	SQ YD	1,738	1,738						
^ *	X5030290	STAINING CONCRETE STRUCTURES	SQ FT	12,921	12,921						
^ *	X5091755	PARAPET RAILING, SPECIAL	FOOT	212	212						
*	X5401207	PRECAST CONCRETE BOX CULVERTS 12' X 7' (SPECIAL)	FOOT	85	85						
^ *	X5610706	WATER MAIN REMOVAL, 6"	FOOT	1,468		1,468					
^ *	X5610716	WATER MAIN REMOVAL, 16"	FOOT	238		238					
^ *	X5620112	WATER SERVICE CONNECTION	EACH	11		8	3				
*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2						
*	X6020297	MANHOLES, TYPE A, 7'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1						
*	X6024240	INLETS, SPECIAL	EACH	2	2						
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	10		8	2				
*	X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	2	2						
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	1		1					
*	X6026632	VALVE BOXES TO BE REMOVED	EACH	3		3					
*	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	3	3						
^ *	X6640308	CHAIN LINK GATES (SPECIAL)	EACH	2	2						
^ *	X6640550	CHAIN LINK FENCE, 4' (SPECIAL)	FOOT	598	598						
^ *	X6640555	CHAIN LINK FENCE, 5' (SPECIAL)	FOOT	243	243						
*	X6700405	ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	8	8						

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 12 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	15
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	DATE
SURVEYED	BY
TEMP. AREAS	DATE
PLATE	
CHECKED	

ORIGINAL SURVEY NOTE BOOK NO.	DATE
SURVEYED	BY
TEMP. AREAS	DATE
PLATE	
CHECKED	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1							
* X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	13,089	13,089							
* X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	1,023	1,023							
^ X7310110	BASE FOR TELESCOPING SIGN SUPPORT, SPECIAL	EACH	5	5							
^ X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	756	756							
^ X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	228	228							
^ X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	704	704							
^ X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	15,845	15,845							
^ X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	9,190	9,190							
^ X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2,218	2,218							
^ X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	207	207							
^ X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	2,343	2,343							
^ X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	353	353							
^ X8210005	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	48						48		
^ X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	1						1		
^ X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	60						60		
^ X8360315	LIGHT POLE FOUNDATION, 30" DIAMETER, OFFSET	FOOT	132						132		
^ X8380084	BREAKAWAY DEVICE, COUPLING	EACH	48						48		
^ X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1					1			
^ X8770123	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT. (SPECIAL)	EACH	1					1			
^ X8770135	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT. (SPECIAL)	EACH	1					1			
^ X8770140	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 46 FT. (SPECIAL)	EACH	1					1			
^ X8772860	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT. (SPECIAL)	EACH	1					1			
^ X8880015	PEDESTRIAN PUSH-BUTTON, NON-LATCHING	EACH	1					1			
^ XX000503	SPLIT RAIL FENCE	FOOT	56	56							
^ XX003536	CONNECTION TO EXISTING WATER MAIN (NON PRESSURE)	EACH	5		3	2					

^ DENOTES SPECIALTY ITEM
 ^^ DENOTES CONSTRUCTION TYPE CODE 0042
 * DENOTES SPECIAL PROVISION

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 13 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	16
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 61E24

DATE	
BY	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
* XX003668	PRECONSTRUCTION VIDEO TAPING	LSUM	1							1	
^ ^ XX005723	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	1					1			
* XX005845	MODULAR CONCRETE PAVERS (SPECIAL)	SQ FT	650	650							
^ * XX005855	WATER MAIN CASING PIPE	FOOT	35			35					
^ * XX005931	TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	4					4			
^ * XX005940	REMOTE CONTROLLED VIDEO SYSTEM	EACH	1					1			
^ * XX006052	SANITARY SEWER REMOVAL (SPECIAL)	FOOT	614	614							
^ * XX006653	FENCE (SPECIAL)	FOOT	20	20							
^ * XX006655	LAYER II (DATALINK) SWITCH	EACH	1					1			
^ * XX006657	RELOCATE EXISTING VIDEO DETECTION SYSTEM (COMPLETE INTERSECTION)	EACH	1					1			
* XX006658	FLOCCULATION LOGS	EACH	150	150							
* XX006659	FLOCCULATION POWDER	POUND	5	5							
* XX007881	DOCUMENTATION CAMERAS	LSUM	1							1	
^ * XX008068	LUMINAIRE INSTALLATION, TYPE 1	EACH	49					2	47		
^ * XX008069	LUMINAIRE INSTALLATION, TYPE 2	EACH	2					2			
^ * XX008132	RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM	EACH	1					1			
* XX009242	ANTI-GRAFFITI PROTECTION SYSTEM	SQ FT	12,921							12,921	
* Z0007430	TEMPORARY SIDEWALK	SQ FT	1,340	1,340							
^ * Z0007601	BUILDING REMOVAL NO. 1	L SUM	1							1	
^ * Z0007602	BUILDING REMOVAL NO. 2	L SUM	1							1	
^ * Z0007603	BUILDING REMOVAL NO. 3	L SUM	1							1	
^ * Z0007604	BUILDING REMOVAL NO. 4	L SUM	1							1	
^ * Z0007605	BUILDING REMOVAL NO. 5	L SUM	1							1	
^ * Z0007606	BUILDING REMOVAL NO. 6	L SUM	1							1	
^ * Z0007607	BUILDING REMOVAL NO. 7	L SUM	1							1	
^ * Z0007608	BUILDING REMOVAL NO. 8	L SUM	1							1	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 14 OF 16 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	17
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
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DATE	
BY	
SUBMITTED	
PLOTTED	
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CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
^ * Z0007609	BUILDING REMOVAL NO. 9	L SUM	1							1	
^ * Z0007610	BUILDING REMOVAL NO. 10	L SUM	1							1	
^ * Z0007611	BUILDING REMOVAL NO. 11	L SUM	1							1	
^ * Z0007612	BUILDING REMOVAL NO. 12	L SUM	1							1	
^ * Z0007613	BUILDING REMOVAL NO. 13	L SUM	1							1	
^ * Z0007614	BUILDING REMOVAL NO. 14	L SUM	1							1	
* Z0010600	CLEANING DRAINAGE SYSTEM	FOOT	50								50
* Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1							
* Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	3								3
* Z0019400	DRY RUBBLE STONE OR BROKEN CONCRETE TREE WELLS	CU YD	1	1							
* Z0019598	DUST CONTROL, SPECIAL	GALLON	5,000	5,000							
* Z0022800	FENCE REMOVAL	FOOT	2,742	2,742							
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	232	232							
^ * Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12						12		
^ * Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1					1			
* Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	30,844	30,844							
* Z0038121	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 2"	SQ YD	1,568	1,568							
^ * Z0049804	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 4	L SUM	1							1	
^ * Z0049806	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 6	L SUM	1							1	
^ * Z0049808	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 8	L SUM	1							1	
^ * Z0049809	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 9	L SUM	1							1	
^ * Z0049811	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 11	L SUM	1							1	
^ * Z0049904	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 4	L SUM	1							1	
^ * Z0049906	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 6	L SUM	1							1	
^ * Z0049908	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 8	L SUM	1							1	
^ * Z0049909	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 9	L SUM	1							1	

^ DENOTES SPECIALTY ITEM
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 * DENOTES SPECIAL PROVISION

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 15 OF 16 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	18
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED, PLOTTED, TEMPLATE AREAS CHECKED.	DATE
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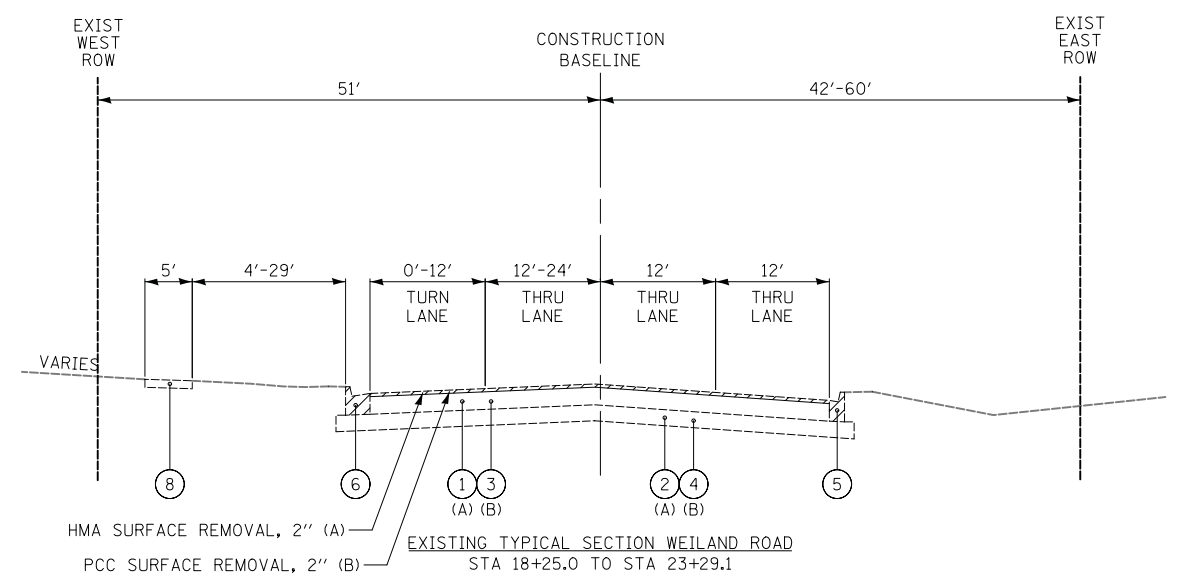
ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED, PLOTTED, TEMPLATE AREAS CHECKED.	DATE
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/COUNTY PW 80/20	0004 ROADWAY FED/VILLAGE 80/20	0004 ROADWAY FED/COUNTY/VILLAGE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 LIGHTING FED/VILLAGE 80/20	NON-PARTICIPATING COUNTY	NON-PARTICIPATING VILLAGE
^ * Z0049911	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 11	L SUM	1							1	
^ + Z0049912	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 12	L SUM	1							1	
* Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	907	907							
* Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	171	171							
* Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	289	289							
* Z0056628	STORM SEWER (WATER MAIN REQUIREMENTS) 54 INCH	FOOT	323	323							
* Z0062456	TEMPORARY PAVEMENT	SQ YD	5,251	5,251							
* Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	18	18							
* Z0070200	SURVEY MONUMENTS	EACH	4							4	
^ * Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1					1			
^^ Z0076600	TRAINEES	HOURL	500	500							
^^ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500	500							

^ DENOTES SPECIALTY ITEM
 ^^ DENOTES CONSTRUCTION TYPE CODE 0042
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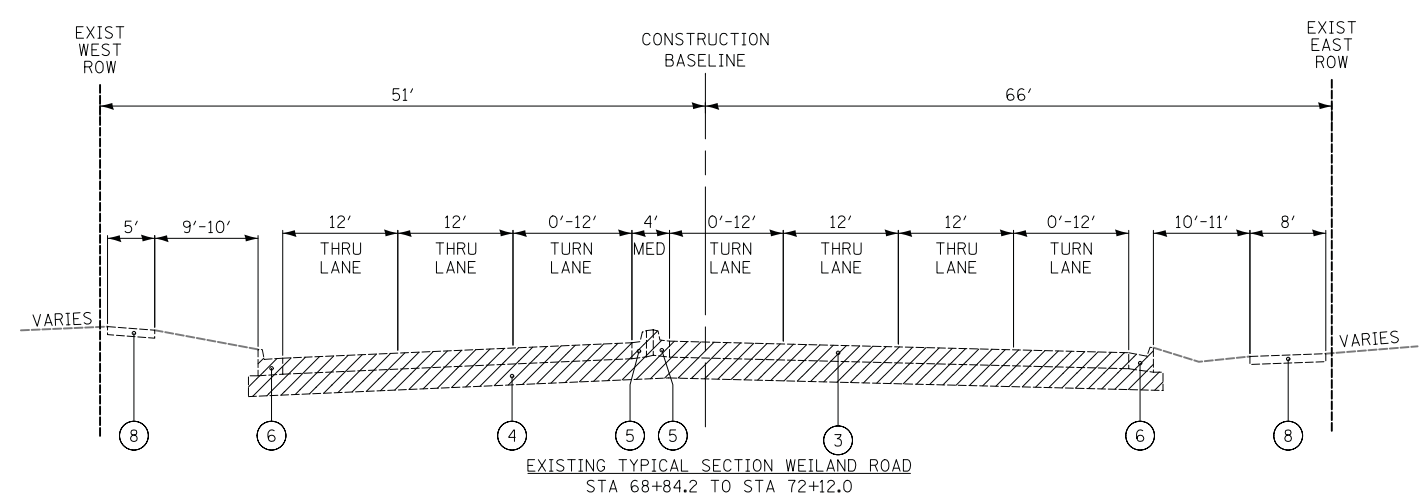
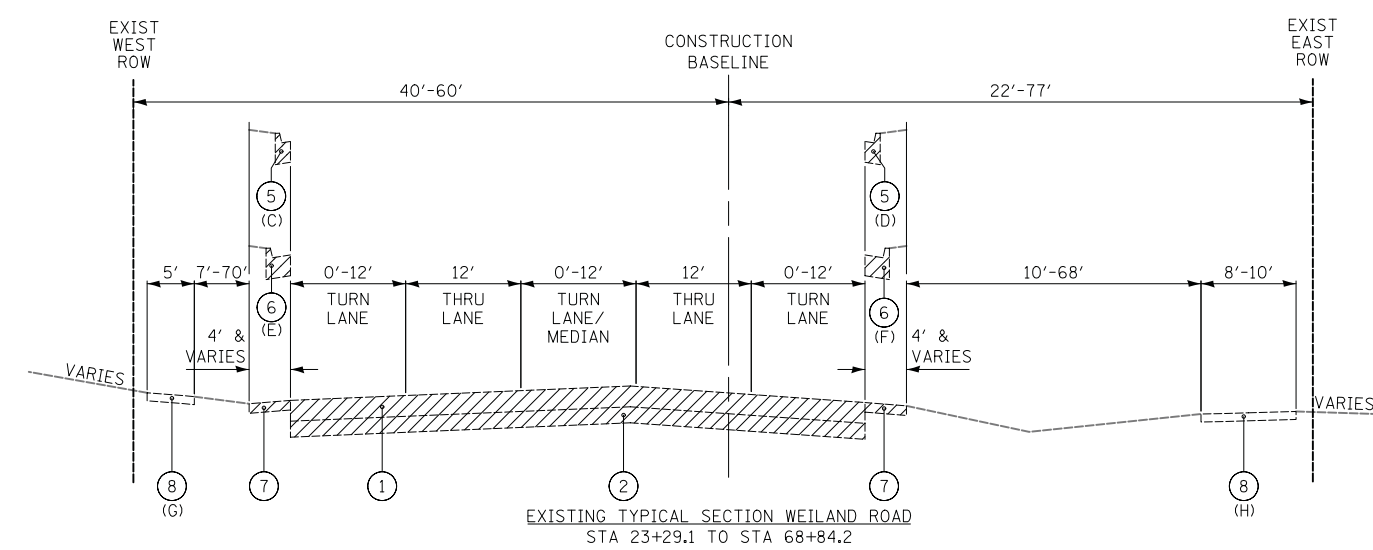
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- EXISTING LEGEND**
- ① EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 9.5" TO 17" (REFERENCE ROADWAY GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED MARCH 18, 2010)
 - ② EXISTING AGGREGATE SUBGRADE OF HMA PAVEMENT, THICKNESS VARIES FROM 4" TO 7" (REFERENCE ROADWAY GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED MARCH 18, 2010)
 - ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" (REFERENCE ROADWAY GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED MARCH 18, 2010)
 - ④ EXISTING AGGREGATE SUBGRADE OF PCC PAVEMENT, 6" (REFERENCE ROADWAY GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED MARCH 18, 2010)
 - ⑤ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑦ EXISTING GRAVEL SHOULDER
 - ⑧ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- REMOVAL

- (A) STATION RANGE: 21+11.4 TO 23+29.1
- (B) STATION RANGE: 18+25.0 TO 21+11.4
- (C) STATION RANGE: 51+06.4 TO 53+55.6
- (D) STATION RANGE: 23+29.1 TO 25+33.4, 34+85.0 TO 41+88.1 AND 51+02.2 TO 52+30.9
- (E) STATION RANGE: 26+50.4 TO 43+36.7 AND 62+87.4 TO 68+84.2
- (F) STATION RANGE: 27+92.0 TO 34+85.0
- (G) STATION RANGE: 23+29.1 TO 24+03.4 AND 30+80.9 TO 68+84.2
- (H) STATION RANGE: 28+46.4 TO 34+95.2 AND 48+61.6 TO 68+84.2



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NO SCALE

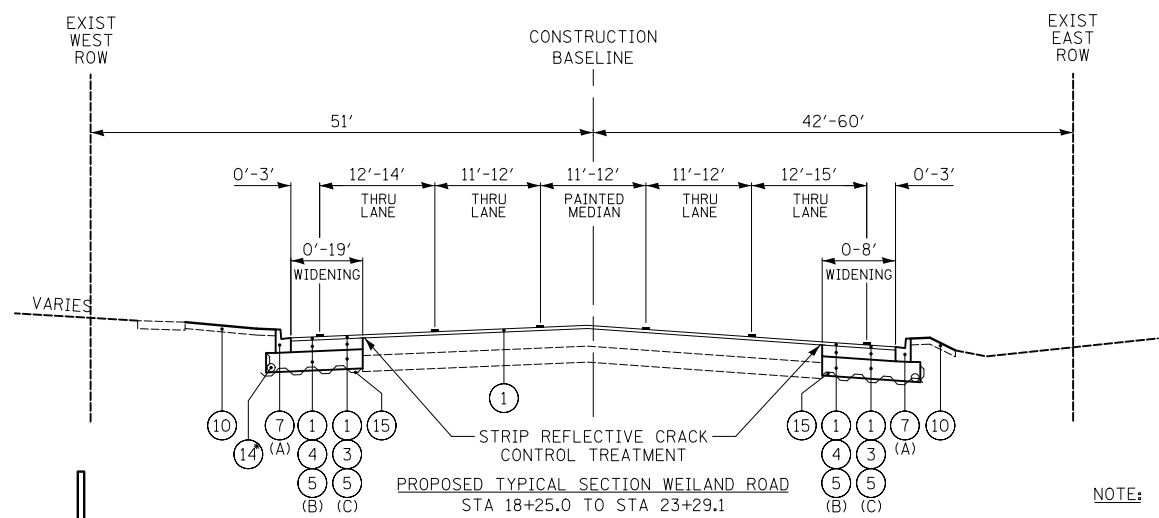
EXISTING TYPICAL SECTIONS

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	20
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

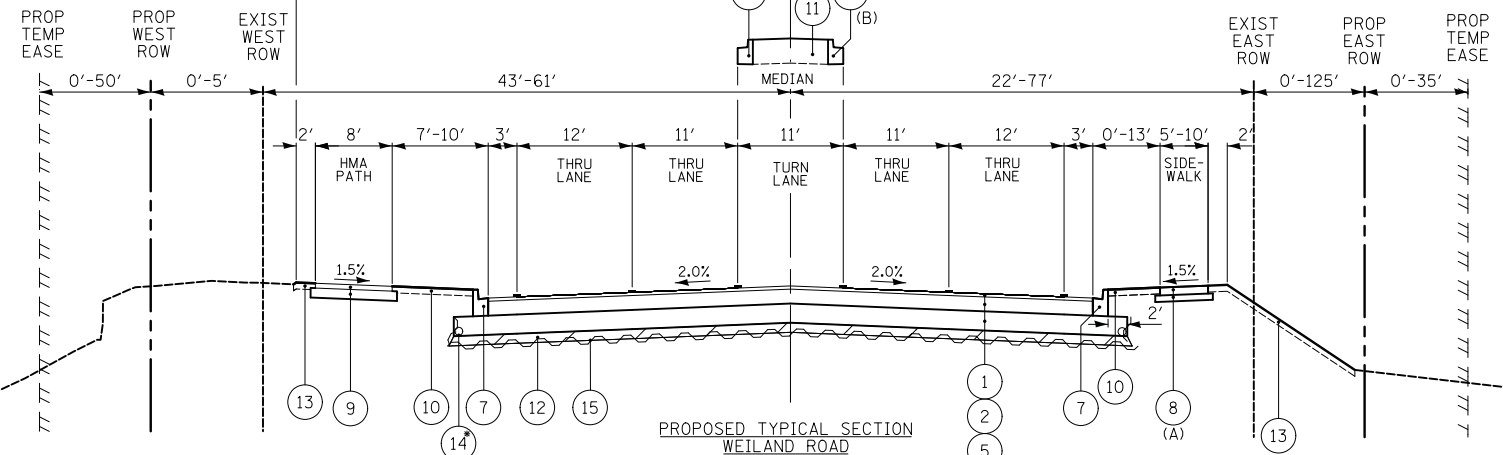
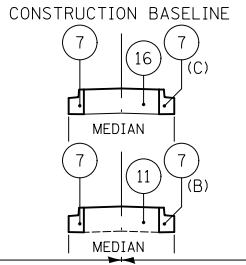
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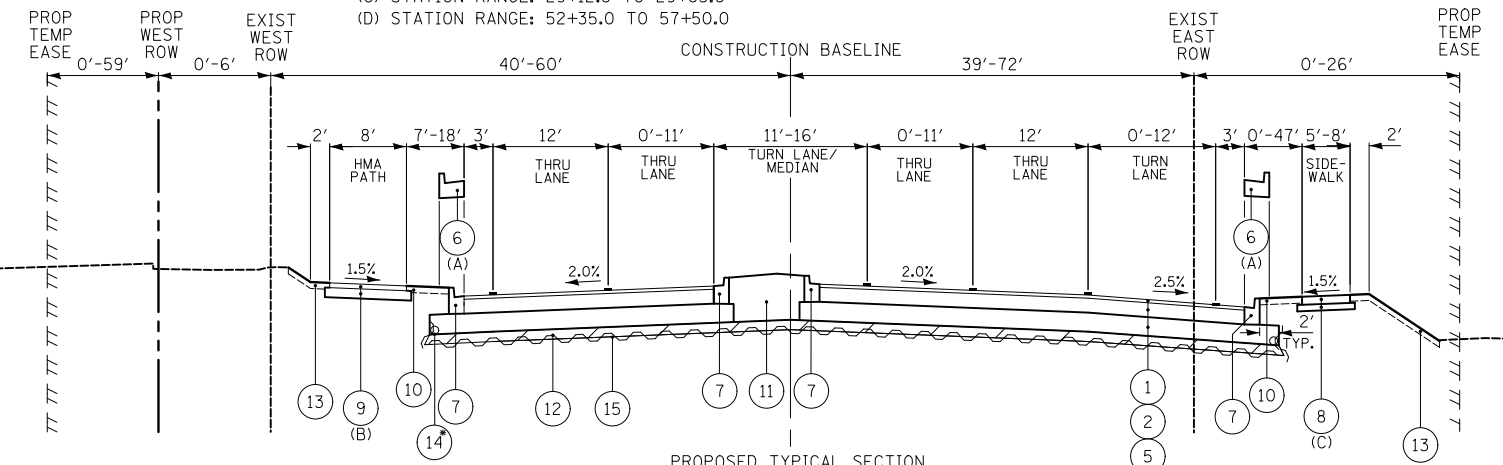


(A) SEE MONOLITHIC CURB DETAIL WHEN WIDENING LESS THAN 2'
 (B) USED WHEN WIDENING FROM 2' TO 6'
 (C) USED WHEN WIDENING MORE THAN 6'

NOTE:
 1. APPLY LONGITUDINAL JOINT SEALANT UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT AT THE PAVED LANE LINES.
 ** A QUANTITY OF "LEVELING BINDER (MACHINE METHOD), N70" HAS BEEN INCLUDED TO PROVIDE ELEVATION ADJUSTMENT FOR EDGE OF PAVEMENT ELEVATION AT 22+89.1 LT AND 23+10.0 RT TO MATCH ELEVATIONS OF THE FUTURE LAKE COOK ROAD PROJECT.



(A) STATION RANGE: 23+29.1 TO 55+69.0 AND 61+16.1 TO 62+65.0
 (B) STATION RANGE: 38+95.2 TO 41+65.1 AND 55+50.2 TO 62+65.0
 (C) STATION RANGE: 29+12.8 TO 29+63.6
 (D) STATION RANGE: 52+35.0 TO 57+50.0



(A) STATION RANGE: 68+45.0 TO 72+12.0
 (B) STATION RANGE: 62+65.0 TO 74+19.0
 (C) STATION RANGE: 62+65.0 TO 68+76.9

* UNDERDRAINS AT THE OUTSIDE EDGE OF THE PAVEMENT DRAIN THE AGGREGATE SUBGRADE WITH TRANSVERSE UNDERDRAINS INSTALLED AT THE LOW POINTS OF THE PROFILE AND AT ANY UNDERCUTS DETERMINED IN THE FIELD.

- PROPOSED LEGEND**
- 1 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - 2 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 9"
 - 3 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 7"
 - 4 PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 7"
 - 5 PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - 6 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - 7 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - 8 PROPOSED PCC SIDEWALK, 5 INCH WITH AGGREGATE BASE COURSE, TYPE B (4 INCH MIN.)
 - 9 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 3" AND AGGREGATE BASE COURSE, TYPE B (6 INCH MIN.)
 - 10 PROPOSED TOPSOIL 4" AND SODDING
 - 11 PROPOSED TOPSOIL 30" (SEE LANDSCAPING SHEETS FOR LIMITS)
 - 12 PROPOSED REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND PROPOSED AGGREGATE SUBGRADE IMPROVEMENT (SEE SOILS NOTE BELOW)
 - 13 PROPOSED TOPSOIL 4" AND SEEDING CLASS 2A OR SODDING
 - 14 PROPOSED PIPE UNDERDRAINS, TYPE 1, 4"
 - 15 PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
 - 16 PROPOSED CONCRETE MEDIAN TYPE SB-6.12
 - 17 PROPOSED NOISE ABATEMENT WALL, GROUND MOUNTED

SOILS NOTE:
 AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE AND/OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 (04/01/2016) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
 THE LIMITS OF UNSTABLE SOILS SHOWN IN THE PLANS FOR CONTRACTOR'S REFERENCE ONLY AT THE ANTICIPATED LOCATIONS. UNDERCUT QUANTITY IS ESTIMATED AS 25% OF PLANNED FULL DEPTH PAVEMENT AREA ASSUMING A THICKNESS OF 12 INCHES. THE ACTUAL NEED FOR UNDERCUTS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
FULL DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 9"	4% @ 70 Gyr.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 Gyr.
PAVEMENT WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 Gyr.
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 mm) **	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 7"	4% @ 70 Gyr.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8"	4% @ 70 Gyr.
BIKE PATH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.
PATCHING (TEMPORARY)	
CLASS D PATCHES (HMA BINDER IL-19 mm); 8"	4% @ 70 Gyr.
TEMPORARY PAVEMENT (VARIABLE DEPTH)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm); VAR. DEPTH	4% @ 70 Gyr.
TEMPORARY SIDEWALK	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

CIVILTECH
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 Itasca, Illinois 60143
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DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 11/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NO SCALE

PROPOSED TYPICAL SECTIONS
 SHEET NO. 1 OF 1 SHEETS STA. TO STA.

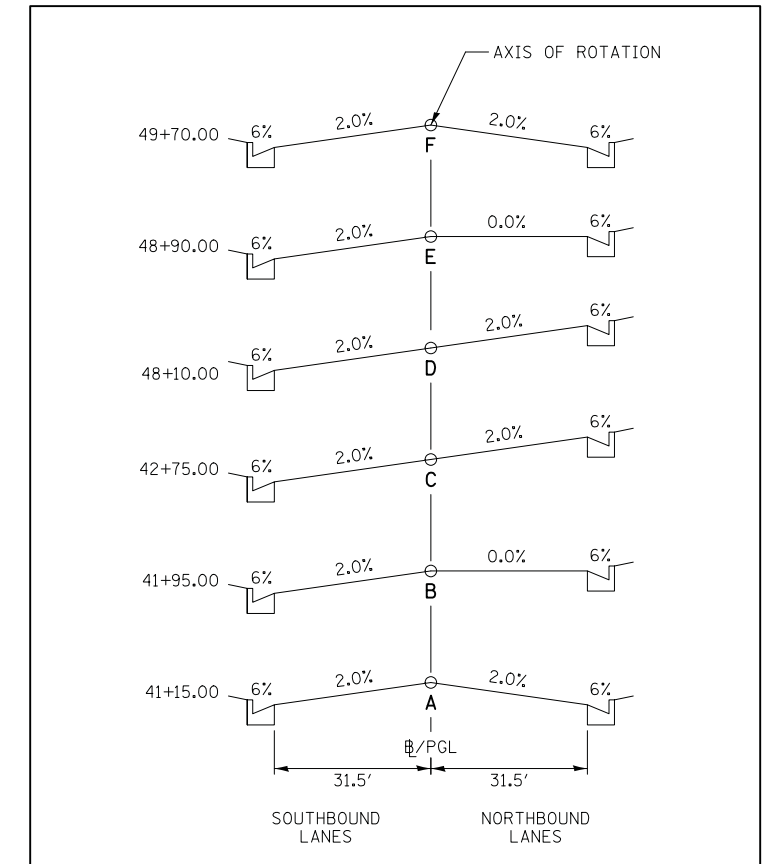
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	21
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

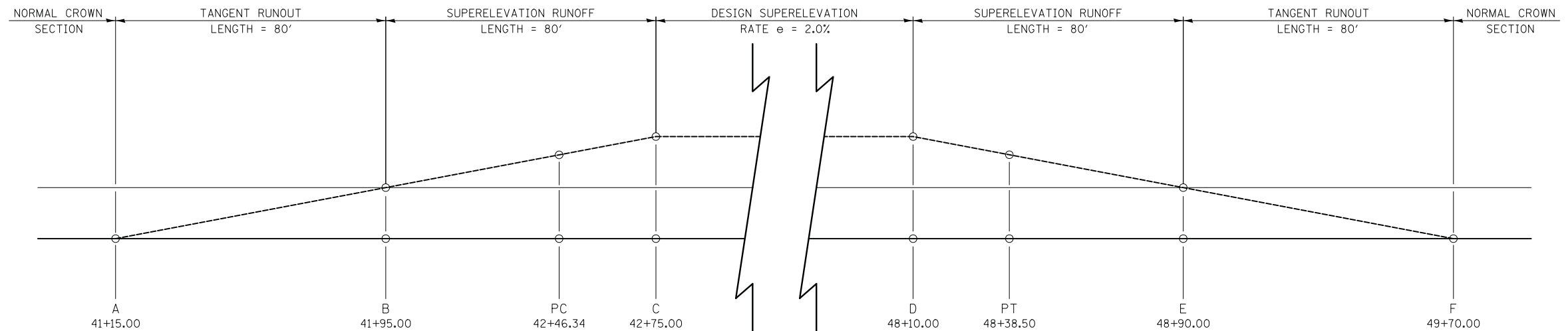
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

Curve PRWEI 3 Superelevation Stationing and Elevations								
Transition Point	PGL EL.	Station	SB Super Rate	SB LT EOP	SB Gutter Slope	NB Super Rate	NB RT EOP	NB Gutter Slope
A = Normal	682.17	41+15.00	-2.00%	681.54	-5.00%	-2.00%	681.54	-6.00%
	682.27	41+25.00	-2.00%	681.64	-5.00%	-1.75%	681.71	-6.00%
	682.43	41+50.00	-2.00%	681.80	-5.00%	-1.13%	682.08	-6.00%
	682.50	41+75.00	-2.00%	681.87	-5.00%	-0.50%	SIDE ROAD	-6.00%
B = Zero	682.48	41+95.00	-2.00%	681.85	-5.00%	0.00%	SIDE ROAD	-6.00%
	682.46	42+00.00	-2.00%	681.83	-5.00%	0.13%	SIDE ROAD	-6.00%
	682.34	42+25.00	-2.00%	681.71	-5.00%	0.75%	SIDE ROAD	-6.00%
PC	682.21	42+46.34	-2.00%	681.58	-5.00%	1.28%	SIDE ROAD	-6.00%
	682.19	42+50.00	-2.00%	681.56	-5.00%	1.38%	SIDE ROAD	-6.00%
C = Full Super	682.04	42+75.00	-2.00%	681.41	-5.00%	2.00%	SIDE ROAD	-6.00%
Full Super	681.88	43+00.00	-2.00%	681.25	-5.00%	2.00%	682.51	-6.00%
Full Super	681.73	43+25.00	-2.00%	681.10	-5.00%	2.00%	682.36	-6.00%
Full Super	681.58	43+50.00	-2.00%	680.95	-5.00%	2.00%	682.21	-6.00%
Full Super	681.47	43+75.00	-2.00%	680.84	-5.00%	2.00%	682.10	-6.00%
Full Super	681.42	44+00.00	-2.00%	680.79	-5.00%	2.00%	682.05	-6.00%
Full Super	681.42	44+25.00	-2.00%	680.79	-5.00%	2.00%	682.05	-6.00%
Full Super	681.47	44+50.00	-2.00%	680.84	-5.00%	2.00%	682.10	-6.00%
Full Super	681.58	44+75.00	-2.00%	680.95	-5.00%	2.00%	682.21	-6.00%
Full Super	681.75	45+00.00	-2.00%	681.12	-5.00%	2.00%	682.38	-6.00%
Full Super	681.93	45+25.00	-2.00%	681.30	-5.00%	2.00%	682.56	-6.00%
Full Super	682.11	45+50.00	-2.00%	681.48	-5.00%	2.00%	682.74	-6.00%
Full Super	682.30	45+75.00	-2.00%	681.67	-5.00%	2.00%	682.93	-6.00%
Full Super	682.48	46+00.00	-2.00%	681.85	-5.00%	2.00%	683.11	-6.00%
Full Super	682.66	46+25.00	-2.00%	682.03	-5.00%	2.00%	683.29	-6.00%
Full Super	682.76	46+50.00	-2.00%	682.13	-5.00%	2.00%	683.39	-6.00%
Full Super	682.72	46+75.00	-2.00%	682.09	-5.00%	2.00%	683.35	-6.00%
Full Super	682.53	47+00.00	-2.00%	681.90	-5.00%	2.00%	683.16	-6.00%
Full Super	682.20	47+25.00	-2.00%	681.57	-5.00%	2.00%	682.83	-6.00%
Full Super	681.73	47+50.00	-2.00%	681.10	-5.00%	2.00%	682.36	-6.00%
Full Super	681.18	47+75.00	-2.00%	680.55	-5.00%	2.00%	681.81	-6.00%
Full Super	680.71	48+00.00	-2.00%	680.08	-5.00%	2.00%	681.34	-6.00%
D = Full Super	680.55	48+10.00	-2.00%	679.92	-5.00%	2.00%	681.18	-6.00%
	680.34	48+25.00	-2.00%	679.71	-5.00%	1.63%	680.85	-6.00%
PT	680.18	48+38.50	-2.00%	679.55	-5.00%	1.29%	680.59	-6.00%
	680.07	48+50.00	-2.00%	679.44	-5.00%	1.00%	680.38	-6.00%
	679.89	48+75.00	-2.00%	679.26	-5.00%	0.38%	680.01	-6.00%
E = Zero	679.83	48+90.00	-2.00%	679.20	-5.00%	0.00%	679.83	-6.00%
	679.80	49+00.00	-2.00%	679.17	-5.00%	-0.25%	679.72	-6.00%
	679.82	49+25.00	-2.00%	679.19	-5.00%	-0.88%	679.54	-6.00%
	679.92	49+50.00	-2.00%	679.29	-5.00%	-1.50%	679.45	-6.00%
F = Normal	680.08	49+70.00	-2.00%	679.45	-5.00%	-2.00%	679.45	-6.00%

Curve PRWEI 3 Superelevation Variables	
Radius of curve =	5,735.080 ft
Design speed =	45.0 mph
Width of lane =	12.0 ft
e =	0.020 f/f
Max Grade =	2.33 %
Normal Slope =	0.020 f/f
PC =	42+46.34
PT =	48+38.50
e _{max}	4.0 %
RS =	185.00
L ₁ =	80 ft
TR =	80 ft



CURVE PRWEI 3
CROSS SECTION VIEW



CURVE PRWEI 3
SUPERELEVATION PROFILE VIEW

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

1	SCHEDULE OF EROSION CONTROL BLANKET (25100630)		
	AREA		
SHEET NO.	START STA	END STA	(SQ YD)
EC1	17+00	30+00	341
	30+00	43+00	8,290
EC2	55+00	67+00	1,258
PROJECT TOTAL			9,889

2	SCHEDULE OF EARTH EXCAVATION FOR EROSION CONTROL (28000200)		
	VOLUME		
SHEET NO.	START STA	END STA	(CU YD)
EC2	43+00	55+00	55
PROJECT TOTAL			55

3	SCHEDULE OF TEMPORARY EROSION CONTROL SEEDING (28000250)			
			AREA	WEIGHT
SHEET NO.	START STA	END STA	(SQ FT)	(POUND)
ECI-1	17+00	30+00	22,369	51
	30+00	43+00	81,805	188
ECI-2	43+00	55+00	23,110	53
	55+00	67+00	22,504	52
ECI-3	67+00	75+00	7,199	17
ECII-1	17+00	30+00	16,023	37
	30+00	43+00	19,305	44
ECII-2	43+00	55+00	10,833	25
	55+00	67+00	19,577	45
ECII-3	67+00	75+00	11,192	26
ECIII-1	17+00	30+00	0	0
	30+00	43+00	1,980	5
ECIII-2	43+00	55+00	0	0
	55+00	67+00	5,987	14
ECIII-3	67+00	75+00	0	0
PROJECT TOTAL				555

4	SCHEDULE OF TEMPORARY DITCH CHECKS (28000305)		
	LENGTH		
SHEET NO.	START STA	END STA	(FOOT)
ECI-1	30+00	43+00	28
ECI-2	55+00	67+00	42
PROJECT TOTAL			70

5	SCHEDULE OF PERIMETER EROSION BARRIER (28000400)		
	LENGTH		
SHEET NO.	START STA	END STA	(FOOT)
EC1	17+00	30+00	1,851
	30+00	43+00	772
EC2	43+00	55+00	96
	55+00	67+00	467
EC3	67+00	75+00	48
PROJECT TOTAL			3,234

6	SCHEDULE OF INLET FILTERS (28000510)		
	LENGTH		
SHEET NO.	START STA	END STA	(EACH)
EC1	17+00	30+00	21
	30+00	43+00	33
EC2	43+00	55+00	20
	55+00	67+00	27
EC3	67+00	75+00	27
PROJECT TOTAL			124

7	SCHEDULE OF TEMPORARY EROSION CONTROL BLANKET (28001100)			
			AREA	AREA
SHEET NO.	START STA	END STA	(SQ FT)	(SQ YD)
ECI-1	17+00	30+00	22,369	2,486
	30+00	43+00	81,805	9,090
ECI-2	43+00	55+00	23,110	2,568
	55+00	67+00	22,504	2,501
ECI-3	67+00	75+00	7,199	800
ECII-1	17+00	30+00	16,023	1,780
	30+00	43+00	19,305	2,145
ECII-2	43+00	55+00	10,833	1,204
	55+00	67+00	19,577	2,175
ECII-3	67+00	75+00	11,192	1,244
ECIII-1	30+00	43+00	1,980	220
ECIII-2	55+00	67+00	5,987	665
PROJECT TOTAL				26,878

8	SCHEDULE OF TEMPORARY DITCH CHECKS SPECIAL (X2800302)		
	VILLAGE		
SHEET NO.	START STA	END STA	(FOOT)
ECI-1	30+00	43+00	33
ECI-2	55+00	67+00	50
PROJECT TOTAL			83

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

9	SCHEDULE OF TREE PROTECTION ITEMS								
	SHEET NO.	LOCATION			DESCRIPTION	(20101000)	(20101200)	(20101300)	(20101350)
STATION		OFFSET	LT/RT	TYPE		TEMPORARY FENCE (FOOT)	TREE ROOT PRUNING (EACH)	TREE PRUNING (1 TO 10 INCH DIAMETER) (EACH)	TREE PRUNING (OVER 10 INCH DIAMETER) (EACH)
EC1	22+97.4	56.4'	LT	Deciduous	4	10	1	1	
	23+15.6	55.9'	LT	Deciduous	9	10	1	1	
	23+80.5	58.7'	RT	Evergreen	6, 12	10	1	1	
	24+03.1	52.7'	RT	Evergreen	17	10	1	1	
	34+49.8	97.9'	LT	Deciduous	20	10	1	1	
	34+76.9	183.5'	LT	Deciduous	16	10	1	1	
	35+22.0	118.1'	RT	Deciduous	6	10	1	1	
	35+31.1	146.5'	RT	Deciduous	6	10	1	1	
	35+83.1	146.9'	RT	Deciduous	21	10	1	1	
	36+27.8	144.3'	RT	Deciduous	24	10	1	1	
	36+57.5	144.5'	RT	Deciduous	22	10	1	1	
	37+21.8	141.8'	RT	Evergreen	12	10	1	1	
	37+46.3	141.1'	RT	Deciduous	26	10	1	1	
	37+65.4	144.3'	RT	Deciduous	11	10	1	1	
	41+28.2	51.3'	LT	Deciduous	12	10	1	1	
	41+59.6	50.8'	LT	Deciduous	10	10	1	1	
	41+78.5	49.9'	LT	Deciduous	9	10	1	1	
	41+78.7	151.6'	RT	Deciduous	12, 18, 20, 24	10	1	1	
41+91.9	139.6'	RT	Deciduous	8, 10, 2@12	10	1	1		
EC2	44+62.1	70.4'	RT	Deciduous	21	10	1	1	
	45+95.4	58.5'	RT	Deciduous	2, 4, 5, 6	10	1	1	
	46+35.0	58.9'	RT	Deciduous	2@9	10	1	1	
	48+55.6	59.4'	RT	Evergreen	4	10	1	1	
	51+44.4	74.3'	RT	Deciduous	5	10	1	1	
	51+49.1	93.0'	LT	Deciduous	12	10	1	1	
	52+04.8	85.4'	RT	Deciduous	12	10	1	1	
	55+96.1	49.3'	RT	Deciduous	6	10	1	1	
	56+14.0	51.3'	RT	Deciduous	2@5	10	1	1	
	56+84.5	54.7'	RT	Deciduous	5	10	1	1	
	57+49.0	49.8'	RT	Deciduous	5	10	1	1	
	60+31.0	53.5'	RT	Deciduous	7	10	1	1	
	60+56.7	51.4'	RT	Deciduous	9	10	1	1	
	60+77.4	47.1'	RT	Deciduous	9	10	1	1	
	61+35.5	66.9'	LT	Deciduous	8	10	1	1	
	61+77.2	75.2'	LT	Deciduous	2@4, 3@5	10	1	1	
	62+65.9	52.3'	RT	Deciduous	13	10	1	1	
	62+71.7	79.0'	LT	Deciduous	4, 6, 8	10	1	1	
62+85.7	54.7'	RT	Deciduous	2, 7	10	1	1		
64+23.1	64.5'	RT	Evergreen	6	10	1	1		
EC3	67+37.6	58.5'	RT	Deciduous	4	10	1	1	
	67+76.0	60.8'	RT	Deciduous	5	10	1	1	
	67+88.8	76.4'	LT	Deciduous	12	10	1	1	
	68+58.3	65.3'	LT	Evergreen	4	10	1	1	
	69+44.1	58.7'	LT	Evergreen	4	10	1	1	
	70+06.5	60.3'	LT	Deciduous	11	10	1	1	
	70+30.1	53.4'	RT	Deciduous	4	10	1	1	
	70+69.5	53.3'	RT	Deciduous	4	10	1	1	
	70+82.2	65.7'	LT	Deciduous	16	10	1	1	
	71+08.5	53.5'	RT	Deciduous	4	10	1	1	
71+47.4	66.9'	LT	Deciduous	12	10	1	1		
71+75.9	58.3'	LT	Deciduous	4	10	1	1		
71+94.1	57.1'	LT	Evergreen	6	10	1	1		
PROJECT TOTAL					520	52	27	25	

10 SCHEDULE OF TREE REMOVAL				
SHEET NO.	START STA	END STA	(20100110)	(20100210)
			6 TO 15 UNITS DIAMETER (UNITS)	OVER 15 UNITS DIAMETER (UNITS)
REM1	17+00	30+00	444	223
	30+00	43+00	600	581
REM2	43+00	55+00	31	44
	55+00	67+00	209	0
REM3	67+00	75+50	44	0
PROJECT TOTAL			1,328	848

11 SCHEDULE OF SEEDING						
SHEET NO.	FROM	TO	(25000210)	(25000310)	(25000322)	(X2502024)
			SEEDING, CLASS 2A (ACRE)	SEEDING, CLASS 4 (ACRE)	SEEDING, CLASS 5A (ACRE)	SEEDING, CLASS 4B (MODIFIED) (ACRE)
LS1	17+00	30+00	0.07			
LS1	30+00	43+00	0.16	1.37	1.37	
LS2	43+00	55+00				0.15
LS2	55+00	67+00	0.15	0.11	0.11	
LS3	67+00	75+50				
PROJECT TOTAL			0.50	1.50	1.50	0.25

12 SCHEDULE OF SODDING			
SHEET NO.	FROM	TO	(25200110)
			SODDING, SALT TOLERANT (SQ YD)
LS1	17+00	30+00	3,798
LS1	30+00	43+00	2,937
LS2	43+00	55+00	3,257
LS2	55+00	67+00	3,095
LS3	67+00	75+50	2,038
PROJECT TOTAL			15,125

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.		FINAL	SURVEY	NOTE	BOOK	

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.		ORIGINAL	SURVEY	NOTE	BOOK	

13 SCHEDULE OF EARTHWORK QUANTITIES (SUMMARY)					
	(20200100) EARTH EXCAVATION	(20201200) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	(20400800) FURNISHED EXCAVATION	
	(CU FT)	(CU FT)	(CU FT)	(CU FT)	
Stage I - Weiland Road	511,547	130,424	115,093	0	
Stage IA - Weiland Road	333	0	1,564	1,281	
Stage IB - Weiland Road	284	148	2,012	1,771	
Stage II - Weiland Road	331,067	55,335	80,306	0	
Stage IIA - Weiland Road	2,930	0	0	0	
Stage IIB - Weiland Road	2,021	0	0	0	
Stage III - Weiland Road	101,315	0	0	0	
PROJECT SUBTOTAL (CU FT)	949,497	185,907	198,975	3,052	
PROJECT SUBTOTAL (CU YD)	35,167	6,885	7,369	113	
(30300001) AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE 4 BELOW)	-	3,563	-	-	
(21101505) TOPSOIL EXCAVATION AND PLACEMENT (CU YD) (SEE NOTE 3 BELOW)	-	-5,087	-	-	
PROJECT TOTAL (CU YD)	35,170	5,361	-	115	

NOTE:

- ESTIMATE INCLUDES 8 INCHES OF TOPSOIL STRIPPING (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL).
- ALL SUITABLE EXCAVATION MATERIAL SHALL BE USED IN THE CONSTRUCTION OF THE IMPROVEMENT.
- QUANTITY OF TOPSOIL EXCAVATION AND PLACEMENT HAS BEEN SUBTRACTED FROM REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS SINCE THE TOPSOIL WILL BE REUSED ONSITE.
- UNDERCUT QUANTITY IS ESTIMATED AS 25% OF PLANNED FULL DEPTH PAVEMENT AREA ASSUMING A THICKNESS OF 12 INCHES. THE ACTUAL NEED FOR UNDERCUTS WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION.

14 SCHEDULE OF STONE RIPRAP, CLASS A1 (28100201)						
						WEIGHT (112 LB/SQ YD-IN)
SHEET NO.	START STA	END STA	AREA (SY)	DEPTH (IN)		(TON)
EC1	41+72	41+90	31	6		10
EC2	61+50	62+35	112	6		38
	62+39	62+64	16	6		6
PROJECT TOTAL						54

15 SCHEDULE OF STONE RIPRAP, CLASS A3 (28100205)						
						WEIGHT (112 LB/SQ YD-IN)
SHEET NO.	START STA	END STA	AREA (SY)	DEPTH (IN)		(TON)
EC1	36+01	36+11	9	8		4
EC2	37+63	37+73	16	8		7
	39+78	39+88	9	8		4
	41+34	41+46	9	8		4
PROJECT TOTAL						19

16 SCHEDULE OF STONE RIPRAP, CLASS A4 (28100207)					
					WEIGHT (112 LB/SQ YD-IN)
SHEET NO.	START STA	END STA	AREA (SY)	DEPTH (IN)	(TON)
EC1	40+99	41+50	133	16	118
EC2	41+72	41+91	31	16	27
	61+50	62+35	112	16	99
	41+34	41+46	15	16	14
PROJECT TOTAL					259

17 SCHEDULE OF FILTER FABRIC (28200200)				
				AREA
SHEET NO.	START STA	END STA		(SQ YD)
EC1	36+01	36+11		9
	37+63	37+73		9
	39+78	39+88		9
	40+99	41+50		133
	41+34	41+46		9
EC2	41+72	41+91		31
	61+50	62+35		112
62+38	62+65		15	
PROJECT TOTAL				327

18 SCHEDULE OF AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)				
				AREA
SHEET NO.	START STA	END STA	NOTE	(SQ YD)
PP1	18+25	21+50	WIDEN LT	489
	18+25	21+50	WIDEN RT	226
PP2	21+50	21+78	WIDEN LT	38
	21+50	23+29	WIDEN RT	206
	22+24	23+29	WIDEN LT	77
23+29	27+00	FULL DEPTH	2,892	
PP3	21+78	32+00	FULL DEPTH	3,898
PP4	32+00	37+00	FULL DEPTH	5,053
PP5	37+00	41+50	FULL DEPTH	3,415
PP6	41+50	46+50	FULL DEPTH	4,219
PP7	46+50	51+00	FULL DEPTH	3,508
PP8	51+00	56+00	FULL DEPTH	4,741
PP9	56+00	61+00	FULL DEPTH	3,692
PP10	61+00	66+00	FULL DEPTH	4,189
PP11	66+00	70+50	FULL DEPTH	4,539
PP12	70+50	75+50	FULL DEPTH	1,569
PROJECT TOTAL				42,751

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL SURVEY NOTE BOOK NO.					

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL SURVEY NOTE BOOK NO.					

19		SCHEDULE OF AGGREGATE BASE COURSE, TYPE B (35101400)						COUNTY	VILLAGE
SHEET NO.	START STA	END STA	NOTE	DEPTH (IN)	LENGTH (FOOT)	AREA (SF)	(TON)	(TON)	
PP1	21+19	21+40	DW RT	6	22	449	18		
PP2	22+89	23+09	SIDEWALK LT	4		152		4	
	22+89	23+59	TURNOUT	6		301		12	
	23+09	27+00	BIKEPATH LT	6		3607		134	
	23+10	27+00	SIDEWALK RT	4		2516		63	
	23+22	23+47	DW RT	6		426		16	
	23+29	25+38	EDGE RT	4	225			28	
	23+78	23+99	DW RT	6		361		14	
	24+26	24+96	TURNOUT LT	6	51	344	15		
	24+40	24+77	DW LT	6		1008	38		
	26+81	26+89	EDGE LT	4	8			1	
26+81	26+90	EDGE RT	4	9			2		
PP3	27+00	27+40	BIKEPATH LT	6		357		14	
	27+00	32+00	SIDEWALK RT	4		3494		87	
	27+00	27+60	DW RT	8	64	1594	82		
	27+01	27+83	TURNOUT RT	4	82	400	20		
	27+26	27+77	DW LT	8	36	566	30		
	27+62	32+00	BIKEPATH LT	6		3913		145	
	28+97	29+62	MEDIAN	5		500		16	
	29+16	29+25	SIDWALK LT	4	8	44		3	
	29+16	29+25	EDGE RT	4	8			1	
	PP4	32+00	34+25	BIKEPATH LT	6		2016		75
32+00		35+07	SIDEWALK RT	4		2878		72	
34+26		34+60	SIDEWALK LT	4		488		13	
34+38		34+58	EDGE LT	4	31			4	
34+48		34+56	EDGE RT	4	9			2	
35+01		35+05	EDGE RT	4	8			2	
35+07		35+91	SIDEWALK LT	4		1070		27	
35+09		35+13	EDGE LT	4	9			2	
35+55		37+00	SIDEWALK RT	4		934		24	
35+57		35+78	EDGE RT	4	35			5	
35+67		35+76	EDGE LT	4	9			2	
35+91		37+00	BIKEPATH LT	6		990		37	
PP5		37+00	41+50	BIKEPATH LT	6		4035		150
	37+00	41+50	SIDEWALK RT	4		2743		68	
PP6	40+67	41+50	EDGE RT	4	65			8	
	41+50	41+89	SIDEWALK RT	4	39	251		12	
	41+50	46+50	BIKEPATH LT	6		4473		166	
	42+54	46+50	SIDEWALK RT	4		3293		82	
	42+55	43+84	EDGE RT	4	131			17	
	43+21	43+74	DW RT	4		1311	33		
	43+87	44+31	DW RT	6		817	31		
	44+01	44+99	TURNOUT RT	4	118	597	30		
	44+62	44+79	DW RT	6		418	16		
	45+80	46+50	TURNOUT RT	4	70	353	18		
PP7	46+02	46+18	DW RT	6		212	8		
	46+50	48+66	TURNOUT RT	4	215	1339	60		
	46+50	51+00	SIDEWALK RT	4		3305		82	
	46+50	51+00	BIKEPATH LT	6		4037		150	
	46+63	46+79	DW RT	6		225	9		
	47+16	47+39	DW RT	6		242	9		
	47+58	47+97	DW RT	6		900	34		
	48+11	48+31	DW RT	6		434	17		

19		SCHEDULE OF AGGREGATE BASE COURSE, TYPE B (35101400)CONTINUED						COUNTY	VILLAGE
SHEET NO.	START STA	END STA	NOTE	DEPTH (IN)	LENGTH (FOOT)	AREA (SF)	(TON)	(TON)	
PP8	51+00	51+11	BIKEPATH LT	6		98		4	
	51+00	51+43	SIDEWALK RT	4		467		12	
	51+11	51+42	SIDEWALK LT	4		302		8	
	51+23	51+40	EDGE LT	4	21			3	
	51+31	51+41	EDGE RT	4	15			2	
	51+93	52+05	DW LT	6	36	291	13		
	52+04	55+69	SIDEWALK RT	4		3378		84	
	52+06	52+22	EDGE RT	4	15			2	
	52+07	52+37	SIDEWALK LT	4		319		8	
	52+08	52+25	EDGE LT	4	21			3	
PP9	52+37	56+00	BIKEPATH LT	6		3261		121	
	56+00	61+00	BIKEPATH LT	6		4658		173	
	58+96	59+05	SIDEWALK LT	4	9	49		3	
	58+96	59+05	MEDIAN	12		71		6	
PP10	58+96	59+05	SIDEWALK RT	4	9	122		5	
	61+00	66+00	BIKEPATH LT	6		4926		183	
	61+16	63+67	SIDEWALK RT	4		2295		57	
	61+99	62+32	BIKEPATH RT	6		209		8	
	63+49	63+65	EDGE RT	4	21			3	
	64+09	66+00	SIDEWALK RT	4		1736		43	
PP11	64+11	64+22	EDGE RT	4	16			2	
	66+00	67+59	BIKEPATH LT	6		1418		53	
	66+00	68+77	SIDEWALK RT	4		2455		61	
	67+59	67+86	SIDEWALK LT	4		377		10	
	67+71	67+84	EDGE LT	4	18			3	
	68+51	68+78	SIDEWALK LT	4		246		7	
	68+52	68+63	EDGE LT	4	15			2	
	68+78	70+50	BIKEPATH LT	6		1547		58	
	67+86	68+58	TURNOUT RT	4	83	838	31		
	68+03	68+44	DW RT	8		835	42		
PP12	70+50	70+96	BIKEPATH LT	6		396		15	
	70+85	71+37	DW LT	8	64	1481	76		
	70+96	71+36	BIKEPATH LT	8		298		15	
	71+33	74+00	BIKEPATH LT	6		2415		90	
PROJECT TOTAL	74+00	75+50	SIDEWALK LT	4	15	382		12	
							630	2,596	

20		SCHEDULE OF PORTLAND AND CEMENT CONCRETE BASE COURSE WIDENDING 7" (35400200)			AREA
SHEET NO.	FROM	TO	SIDE	(SQ YD)	
PP1	18+64	19+28	LT	29	
	19+41	21+50	RT	85	
PP2	21+50	21+90	RT	25	
	21+66	21+73	LT	4	
	22+36	22+98	LT	32	
PROJECT TOTAL				175	

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINISH SURVEY	NOTE BOOK				
NO.					

21	SCHEDULE OF GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)				AREA
SHEET NO.	START STA	END STA	NOTE		(SQ YD)
PP1	18+25	21+50	WIDEN LT		543
	18+25	21+50	WIDEN RT		281
PP2	21+50	21+78	WIDEN LT		46
	21+50	23+29	WIDEN RT		237
	22+24	23+29	WIDEN LT		95
	23+29	27+00	FULL DEPTH		3,011
PP3	21+78	32+00	FULL DEPTH		4,066
PP4	32+00	37+00	FULL DEPTH		5,230
PP5	37+00	41+50	FULL DEPTH		3,659
PP6	41+50	46+50	FULL DEPTH		4,404
PP7	46+50	51+00	FULL DEPTH		3,659
PP8	51+00	56+00	FULL DEPTH		4,931
PP9	56+00	61+00	FULL DEPTH		4,066
PP10	61+00	66+00	FULL DEPTH		4,461
PP11	66+00	70+50	FULL DEPTH		4,650
PP12	70+50	75+50	FULL DEPTH		1,587
PROJECT TOTAL					44,926

22	SCHEDULE OF HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (40603085)							WEIGHT (112 LB/SQ YD-IN)
SHEET NO.	START STA	END STA	NOTE	DEPTH (IN)	AREA (SF)	AREA (SY)	(TON)	
PP1	17+00	21+50	WIDEN LT	7	2,951	328	129	
	21+50	22+04	WIDEN LT	7	176	20	8	
PP2	21+90	23+29	WIDEN RT	7	972	108	42	
	23+29	27+00	FULL DEPTH	9	23,369	2,597	1,309	
PP3	27+00	32+00	FULL DEPTH	9	30,745	3,416	1,722	
PP4	32+00	37+00	FULL DEPTH	9	40,741	4,527	2,282	
PP5	37+00	41+50	FULL DEPTH	9	25,528	2,836	1,430	
PP6	41+50	46+50	FULL DEPTH	9	33,841	3,760	1,896	
PP7	46+50	51+00	FULL DEPTH	9	28,350	3,150	1,588	
PP8	51+00	56+00	FULL DEPTH	9	38,221	4,247	2,141	
PP9	56+00	61+00	FULL DEPTH	9	26,011	2,890	1,457	
PP10	61+00	66+00	FULL DEPTH	9	32,117	3,569	1,799	
PP11	66+00	70+50	FULL DEPTH	9	35,902	3,989	2,011	
PP12	70+50	75+50	FULL DEPTH	9	11,956	1,328	670	
PROJECT TOTAL							18,484	

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL SURVEY	NOTE BOOK				
NO.					

23	SCHEDULE OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (40603335)						COUNTY	VILLAGE
SHEET NO.	START STA	END STA	NOTE	DEPTH (IN)	AREA (SF)	AREA (SY)	(TON)	(TON)
PP1	17+00	21+50	DRIVE RT	3	402	45	8	
	23+09	27+00	BIKEPATH LT	3	3,139	349		59
PP2	22+89	23+59	TURNOUT	3	225	25	4	
	23+22	23+47	DRIVE RT	3	387	43	7	
	23+78	23+99	DRIVE RT	3	323	36	7	
	24+26	24+96	TURNOUT	3	263	29	5	
PP3	27+00	32+00	BIKEPATH LT	3	3,993	444		75
	27+00	27+60	DRIVE RT	3	1,487	165	28	
PP4	27+26	27+77	DRIVE LT	3	346	38	7	
	32+00	34+25	BIKEPATH LT	3	1,800	200		34
PP5	35+91	37+01	BIKEPATH LT	3	872	97		16
	37+00	41+50	BIKEPATH LT	3	3,594	399		68
PP6	41+50	46+50	BIKEPATH LT	3	3,976	442		75
	43+87	44+31	DRIVE RT	3	753	84	15	
	44+61	44+79	DRIVE RT	3	379	42	7	
PP7	46+50	51+00	BIKEPATH LT	3	3,589	399		67
	46+63	46+79	DRIVE RT	3	202	22	4	
	47+16	47+39	DRIVE RT	3	220	24	4	
	48+11	48+31	DRIVE RT	3	402	45	8	
PP8	51+00	51+11	BIKEPATH LT	3	87	10		2
	52+37	56+00	BIKEPATH LT	3	2,901	322		54
PP9	56+00	61+00	BIKEPATH LT	3	4,155	462		78
	61+00	66+00	BIKEPATH LT	3	4,373	486		82
PP10	61+98	62+33	BIKEPATH RT	3	170	19		3
	66+00	67+59	BIKEPATH LT	3	1,375	153		26
	68+03	68+44	DRIVE RT	3	835	93	16	
PP11	68+78	70+50	BIKEPATH LT	3	1,260	140		24
	70+50	75+50	BIKEPATH LT	3	2,797	311		53
PP12	70+85	71+42	DRIVE RT	3	1,481	165	28	
	PROJECT TOTAL						148	716

24	SCHEDULE OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (40603340)						WEIGHT (112 LB/SQ YD-IN)
SHEET NO.	START STA	END STA	NOTE	DEPTH (IN)	AREA (SF)	AREA (SY)	(TON)
PP1	17+00	21+50	RESURF	2	19,689	2,188	246
	18+25	21+50	WIDEN RT	2	883	98	11
	18+32	21+50	WIDEN LT	2	3,240	360	40
PP2	21+50	21+78	WIDEN LT	2	213	24	3
	21+50	23+29	RESURF	2	11,761	1,307	146
	21+50	27+00	WIDEN LT	2	1,199	133	15
	22+24	27+00	WIDEN RT	2	315	35	4
	23+29	27+00	FULL DEPTH	2	23,369	2,597	291
PP3	27+00	32+00	FULL DEPTH	2	30,745	3,416	383
PP4	32+00	37+00	FULL DEPTH	2	40,741	4,527	508
PP5	37+00	41+50	FULL DEPTH	2	25,528	2,836	318
PP6	41+50	46+50	FULL DEPTH	2	33,841	3,760	422
PP7	46+50	51+00	FULL DEPTH	2	28,350	3,150	353
PP8	51+00	56+00	FULL DEPTH	2	38,221	4,247	476
PP9	56+00	61+00	FULL DEPTH	2	26,011	2,890	324
PP10	61+00	66+00	FULL DEPTH	2	32,117	3,569	400
PP11	66+00	70+50	FULL DEPTH	2	35,902	3,989	447
PP12	70+50	75+50	FULL DEPTH	2	11,956	1,328	149
PROJECT TOTAL							4,536

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL SURVEY NOTE BOOK NO.					

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL SURVEY NOTE BOOK NO.					

25 SCHEDULE OF BITUMINOUS MATERIALS (TACK COAT) (40700100)			
SHEET NO.	FROM	TO	WEIGHT (POUND)
PP1	17+00	21+50	1089
PP2	21+50	27+00	2385
PP3	27+00	32+00	2306
PP4	32+00	37+00	3056
PP5	37+00	41+50	1915
PP6	41+50	46+50	2539
PP7	46+50	51+00	2,127
PP8	51+00	56+00	2,867
PP9	56+00	61+00	1,951
PP10	61+00	66+00	2,407
PP11	66+00	70+50	2,693
PP12	70+50	75+50	897
PROJECT TOTAL			26,232

26 SCHEDULE OF LONGITUDINAL JOINT SEALANT (Z0033700)			
SHEET NO.	START STA	END STA	LENGTH (FOOT)
PP1	18+25	21+50	974
PP2	21+50	27+00	2918
PP3	27+00	32+00	2862
PP4	32+00	37+00	3468
PP5	37+00	41+50	2146
PP6	41+50	46+50	2935
PP7	46+50	51+00	2,721
PP8	51+00	56+00	2,836
PP9	56+00	61+00	2,000
PP10	61+00	66+00	2,807
PP11	66+00	70+50	3,823
PP12	70+50	72+12	1,354
PROJECT TOTAL			30,844

APPLY LONGITUDINAL JOINT SEALANT UNDER THE SURFACE LIFT AND UNDER THE TOP BINDER LIFT AT THE PAVED LANE LINES.

27 SCHEDULE OF TEMPORARY PAVEMENT (VARIABLE DEPTH) (Z0062458)				
SHEET NO.	START STA	END STA	SIDE	WEIGHT (TON)
PP2	23+29	23+29	-	3
PP4	34+54	34+89	LT	2
	35+42	35+67	RT	2
PP6	42+21	42+43	RT	1
PP8	51+52	51+94	RT	2
	51+57	51+91	LT	2
PP10	63+78	64+01	RT	1
PP11	67+94	68+45	LT	2
PP12	72+12	72+12	-	3
PROJECT TOTAL				18

28 SCHEDULE OF PORTLAND CEMENT CONCRETE AND BRICK DRIVEWAY PAVEMENT								
SHEET NO.	START STA	END STA	SIDE	(42300100)	(42300400)	(LR430010)	(X0795800)	(XX005845)
				PCC DRIVEWAY PAVEMENT, 5 INCH	PCC DRIVEWAY PAVEMENT, 8 INCH	PAVING BRICK PAVEMENT FOR LIGHT TRAFFIC	COARSE AGGREGATE	MODULAR CONCRETE PAVERS (SPECIAL)
				(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(SQ FT)
PP2	24+39	24+77	LT		68			
PP3	27+00	27+83	RT	36				
PP6	41+72	42+03	RT					650
	43+21	43+74	RT			141	94	
	44+02	45+09	RT	53				
	45+80	46+50	RT	32				
PP7	46+02	46+18	RT		22			
	46+50	48+64	RT	129				
	47+58	47+97	RT		95			
PP8	51+93	51+95	LT		30			
PP10	67+86	68+60	RT	94				
PROJECT TOTAL				344	215	141	94	650

29 SCHEDULE OF PROTECTIVE COAT (42001300)			
SHEET NO.	FROM	TO	AREA (SQ YD)
PP1	17+00	21+50	146
PP2	21+50	27+00	583
PP3	27+00	32+00	625
PP4	32+00	37+00	810
PP5	37+00	41+50	587
PP6	41+50	46+50	630
PP7	46+50	51+00	749
PP8	51+00	56+00	756
PP9	56+00	61+00	467
PP10	61+00	66+00	755
PP11	66+00	70+50	771
PP12	70+50	75+50	209
PROJECT TOTAL			7,088

30 SCHEDULE OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)					
SHEET NO.	START STA	END STA	SIDE	COUNTY/VILLAGE	VILLAGE
				(SQ FT)	(SQ FT)
PP1	17+00	21+50	RT		
PP2	22+89	23+09	LT	129	
	23+10	27+00	RT	2155	
PP3	27+00	32+00	RT	2513	120
	29+16	29+25	MEDIAN		71
	29+16	29+24	LT		40
PP4	32+00	37+00	RT	3185	
	34+26	35+91	LT	1393	
PP5	37+00	41+50	RT	2320	
PP6	41+50	46+50	RT	2340	
PP7	46+50	51+00	RT	2931	
PP8	51+00	56+00	RT	3416	
	51+10	52+37	LT	557	
PP9	58+96	59+04	LT		44
	58+96	59+04	MEDIAN		71
	58+96	59+04	RT		105
PP10	61+16	66+00	RT	3606	
PP11	66+00	68+77	RT	2223	
	67+59	68+78	LT	542	
PP12	70+50	75+50	LT	348	
PROJECT TOTAL				27,658	451

31 SCHEDULE OF DETECTABLE WARNINGS (42400800)				
SHEET NO.	STATION	SIDE	COUNTY/VILLAGE	VILLAGE
			(SQ FT)	(SQ FT)
PP2	29+20	RT		16
	29+20	MEDIAN		16
	29+20	MEDIAN		16
	29+20	LT		16
PP3	34+51	RT	16	
	34+55	LT	45	
	35+04	RT	16	
	35+10	LT	16	
	35+58	RT	20	
	35+71	LT	16	
	35+72	RT	17	
PP6	41+83	RT	25	
	42+60	RT	24	
PP8	51+35	LT	31	
	51+38	RT	23	
	52+08	RT	33	
PP9	52+13	LT	23	
	59+00	LT		16
	59+00	MEDIAN		16
	59+00	MEDIAN		16
PP10	63+60	RT	30	
	64+14	RT	25	
PP11	67+81	LT	25	
	67+97	RT	16	
	68+52	RT	16	
PP12	68+55	LT	24	
	74+15	LT	29	
PROJECT TOTAL			470	128

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TEMPLATE	
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FINAL SURVEY	
NOTE BOOK	
NO.	

32 SCHEDULE OF PAVEMENT REMOVAL (44000100)				
				AREA
SHEET NO.	START STA	END STA	NOTE	(SQ YD)
REM1	23+29	30+00	RECONSTRUCT	3,107
SOCII-1	23+29	25+60	TEMP PVMT SOCII	282
SOCI-1	24+81	27+04	TEMP PVMT SOCI	98
SOCII-1	30+00	34+00	TEMP PVMT SOCII	278
SOCIA	34+55	35+07	TEMP PVMT SOCIA	63
SOCIB	34+91	35+18	TEMP PVMT SOCIB	36
SOCI-2	34+65	35+24	TEMP PVMT SOCI	130
SOCI-2	35+73	35+62	TEMP PVMT SOCI	148
SOCI-2	42+25	48+00	TEMP PVMT SOCI	342
REM1	30+00	43+00	RECONSTRUCT	7,497
REM2	43+00	55+00	RECONSTRUCT	6,572
SOCII-2	45+65	48+00	TEMP PVMT SOCII	60
SOCI-3	48+00	51+00	TEMP PVMT SOCI	270
SOCII-3	48+00	59+80	TEMP PVMT SOCII	898
SOCI-3	53+69	55+00	TEMP PVMT SOCI	64
SOCI-3	55+00	61+08	TEMP PVMT SOCI	427
REM2	55+00	67+00	RECONSTRUCT	6,093
SOCI	58+22	63+62	TEMP PVMT CULVT	714
SOCI	60+00	61+83	TEMP PVMT CULVT	99
SOCII-3	63+68	66+05	TEMP PVMT SOCII	239
REM3	67+00	72+12	RECONSTRUCT	4,506
SOCII-3	67+85	68+75	TEMP PVMT SOCII	230
SOCII-3	69+29	70+64	TEMP PVMT SOCII	116
SOCII-3	71+44	72+12	TEMP PVMT SOCII	30
PROJECT TOTAL				32,298

33 SCHEDULE OF HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)				
				AREA
SHEET NO.	START STA.	END STA.	NOTE	(SQ YD)
REM1	18+25	21+78	WIDEN LT	384
	18+25	23+29	WIDEN RT	231
	21+11	23+29	RESURF	1,277
	22+24	23+29	WIDEN LT	35
PROJECT TOTAL				1,927

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

34 SCHEDULE OF DRIVEWAY PAVEMENT REMOVAL (44000200)				
			AREA	
SHEET NO.	STATION	SIDE	(SQ YD)	
REM1	21+30	RT	58	
	23+29	RT	67	
	23+83	RT	64	
	24+72	LT	119	
	27+32	RT	205	
	27+57	LT	83	
	36+05	RT	263	
	37+98	RT	507	
	39+68	RT	253	
	40+80	RT	172	
	42+06	RT	120	
	REM2	43+49	RT	187
		44+07	RT	146
44+67		RT	92	
46+04		RT	91	
46+67		RT	90	
47+23		RT	111	
47+80		RT	191	
48+18		RT	120	
51+93		RT	28	
REM3		68+24	RT	124
	71+15	LT	208	
PROJECT TOTAL			3,300	

35 SCHEDULE OF COMBINATION CURB AND GUTTER REMOVAL (44000500)				
				LENGTH
SHEET NO.	START STA	END STA	SIDE	(FOOT)
REM1	18+25	25+33	RT	712
	18+31	20+70	LT	357
	22+26	22+57	LT	36
	26+50	30+00	RT	350
	27+92	30+00	LT	208
	30+00	34+53	LT	509
	30+00	35+31	RT	614
	34+66	43+00	LT	1,009
	35+72	43+00	RT	790
	REM2	43+00	43+37	LT
51+02		51+51	RT	146
51+06		51+55	LT	92
51+93		53+56	RT	91
51+96		52+31	RT	90
62+95		67+00	LT	111
63+40		63+76	RT	191
REM3	64+03	64+44	RT	120
	67+00	67+92	LT	112
	67+68	68+06	RT	70
	68+44	72+12	RT	399
	68+46	70+85	LT	309
71+37	72+12	LT	118	
PROJECT TOTAL				6,474

36 SCHEDULE OF SIDEWALK REMOVAL (44000600)				
				AREA
SHEET NO.	START STA.	END STA.	SIDE	(SQ FT)
REM1	22+89	24+03	LT	556
	28+47	30+00	RT	1,529
	30+00	35+14	RT	5,665
	30+81	34+55	LT	1,961
	35+23	43+00	LT	4,007
REM2	43+00	51+39	LT	4,156
	18+62	51+51	RT	2,442
	51+97	55+00	RT	2,576
	52+06	55+00	LT	1,402
	55+00	55+69	RT	537
	55+00	59+34	LT	2,111
	61+16	63+71	RT	2,061
REM3	62+91	67+00	LT	2,249
	64+06	67+00	RT	2,357
	67+00	67+90	LT	554
	67+00	68+77	RT	1,097
	68+50	70+94	LT	1,196
71+34	74+19	LT	1,628	
PROJECT TOTAL				38,084

37 SCHEDULE OF MEDIAN REMOVAL (44003100)			
			AREA
SHEET NO.	START STA.	END STA.	(SQ FT)
REM3	68+72	70+64	784
	71+44	72+12	270
PROJECT TOTAL			1,054

38 SCHEDULE OF PAVED DITCH REMOVAL (44004000)				
				LENGTH
SHEET NO.	START STA.	END STA.	SIDE	(FOOT)
DU10	62+44	62+63	LT	21
PROJECT TOTAL				21

39 SCHEDULE OF PAVED SHOULDER REMOVAL (44004250)				
				AREA
SHEET NO.	START STA.	END STA.	SIDE	(SQ YD)
REM2	61+07	63+18	LT	113
	61+21	63+47	RT	155
PROJECT TOTAL				268

40 SCHEDULE OF GUARDRAIL REMOVAL (63200310)				
				LENGTH
SHEET NO.	START STA.	END STA.	SIDE	(FOOT)
REM3	61+09	63+18	LT	209
	61+21	63+47	RT	227
PROJECT TOTAL				436

41 SCHEDULE OF FENCE REMOVAL (20022800)				
				LENGTH
SHEET NO.	START STA.	END STA.	SIDE	(FOOT)
REM1	24+01	24+07	LT	18
	25+21	28+46	RT	334
	26+24	26+26	LT	7
	26+39	30+00	LT	367
	30+00	30+80	LT	83
	36+34	36+35	RT	9
	36+13	36+99	RT	224
	37+08	37+37	RT	110
	37+82	38+23	RT	172
	38+66	39+02	RT	168
	39+69	39+74	RT	17
	39+99	40+26	RT	88
	40+88	41+05	RT	86
	41+02	42+05	RT	242
	REM2	41+52	41+53	RT
44+31		44+37	RT	22
44+35		45+58	RT	161
52+36		55+00	LT	264
53+15		55+00	RT	185
55+00		55+33	LT	33
55+00		55+57	LT	57
62+21		62+30	RT	10
62+28		62+31	RT	5
63+40		63+76	RT	5
62+90	63+50	RT	61	
PROJECT TOTAL				2,742

42 SCHEDULE OF PORTLAND CEMENT CONCRETE SURFACE REMOVAL, 2" (20038121)				
				AREA
SHEET NO.	START STA.	END STA.	NOTE	(SQ YD)
REM1	18+25	21+78	RESURF	1,568
PROJECT TOTAL				1,568

43 SCHEDULE OF PIPE CULVERTS					
			(5421C012) PIPE CULVERTS, CLASS C, TYPE 1 12" (TEMPORARY)	(5421C015) PIPE CULVERTS, CLASS C, TYPE 1 15" (TEMPORARY)	(5421C024) PIPE CULVERTS, CLASS C, TYPE 1 24" (TEMPORARY)
SHEET NO.	START STA.	END STA.	(FOOT)	(FOOT)	(FOOT)
ECI-2	43+00	55+00	3		
ECI-2	55+00	67+00			43
ECI-3	67+00	75+00		6	
PROJECT TOTAL			3	6	43

44 SCHEDULE OF END SECTIONS						
SHEET NO.	STATION	OFFSET	STRUCTURE #	(54213657) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	(54213669) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	(54262724) METAL FLARED END SECTIONS 24"
DU4	36+04	85.6' RT	47		1	
DU5	37+67	77.9' RT	50	1		
DU5	39+83	74.2' RT	57	1		
POND	41+44	86.8' RT	154		1	
ECI-2	62+05	55.2' LT	-			1
PROJECT TOTAL				2	2	1

45 SCHEDULE OF PIPE UNDERDRAINS, TYPE 1, 4" (60108104)			
			LENGTH
SHEET NO.	START STA.	END STA.	(FOOT)
DU1	18+25	21+50	651
DU2	21+50	27+00	1,054
DU3	27+00	32+00	1,071
DU4	32+00	37+00	1,312
DU5	37+00	41+50	971
DU6	41+50	46+50	1,142
DU7	46+50	51+00	971
DU8	51+00	56+00	1,159
DU9	56+00	61+00	1,000
DU10	61+00	66+00	1,026
DU11	66+00	70+50	1,004
DU12	70+50	72+12	363
PROJECT TOTAL			11,724

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.					

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.					

46				SCHEDULE OF PROPOSED PIPES AND TRENCH BACKFILL																			
SHEET NO.	START STA	END STA	PIPE #	550A0050	550A0070	550A0340	550A0360	550A0380	550A0410	550A0430	550A0490	550A0415	550A4900	56100600	56100700	56103400	X1200046	Z0056608	Z0056612	Z0056616	Z0056628	20800150	
				SS, CL A, TY 1,12" (FOOT)	SS, CL A, TY 1,15" (FOOT)	SS, CL A, TY 2,12" (FOOT)	SS, CL A, TY 2,15" (FOOT)	SS, CL A, TY 2,18" (FOOT)	SS, CL A, TY 2,24" (FOOT)	SS, CL A, TY 2,30" (FOOT)	SS, CL A, TY 2,54" (FOOT)	SS, CL A, TY 1, EQRS 15" (FOOT)	SS, CL A, TY 2, EQRS 24" (FOOT)	WATER MAIN 6 (FOOT)	WATER MAIN 8 (FOOT)	D I WATER MAIN 16" (FOOT)	SS, CL B, TY B 2, 8" (FOOT)	SS WM REQ 12" (FOOT)	SS WM REQ 18" (FOOT)	SS WM REQ 24" (FOOT)	SS WM REQ 54" (FOOT)	TRNCH BKFFILL (CU YD)	
DU1	18+25	21+50	1																3				1
DU2	21+50	27+00	2																17				1
			3																6				1
			4				31																7
			5			54																	10
			6																27				4
			7														10						0
			8																63				5
			9	7																			2
			10			196																	54
DU3	27+00	32+00	11																63				5
			12	1																			1
			13				96																32
			14					12															7
			15					3															3
			16																	71			46
			17			2																	0
			18					44															0
			19	7																			1
			20	7																			1
			21																63				7
			22	7																			1
			23	7																			1
			24		5																		1
			25					148															0
			26																63				11
			27			3																	1
			28					98															0
			29																63				9
			30			3																	1
DU4	32+00	37+00	31					95															0
			32																63				9
			33			3																	1
			34					142															0
			35			16																	3
			36																		105		121
			37			5																	0
			38																		150		179
			39			25																	1
			40																63				11
			41			7																	2
			42																		34		0
DU5	37+00	41+50	43																63				8
			44			34																	4
			45			7																	1
			46			7																	1
			47																63				15
			48			7																	1
			49			7																	1
			50			33																	3
			51																				4
			52																12				4
			53	30															76				59
			54																				0
						111																	0

DATE	BY
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TEMPLATE	
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CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

46				SCHEDULE OF PROPOSED PIPES AND TRENCH BACKFILL CONTINUED																			
SHEET NO.	START STA	END STA	PIPE #	550A0050	550A0070	550A0340	550A0360	550A0380	550A0410	550A0430	550A0490	550A4015	550A4900	56100600	56100700	56103400	X1200046	Z0056608	Z0056612	Z0056616	Z0056628	20800150	
				SS, CL A, TY 1,12" (FOOT)	SS, CL A, TY 1,15" (FOOT)	SS, CL A, TY 2,12" (FOOT)	SS, CL A, TY 2,15" (FOOT)	SS, CL A, TY 2,18" (FOOT)	SS, CL A, TY 2,24" (FOOT)	SS, CL A, TY 2,30" (FOOT)	SS, CL A, TY 1, EQRS 15" (FOOT)	SS, CL A, TY 2, EQRS 24" (FOOT)	WATER MAIN 6 (FOOT)	WATER MAIN 8 (FOOT)	D I WATER MAIN 16" (FOOT)	SS, CL B, TY B 2, 8" (FOOT)	SS WM REQ 12" (FOOT)	SS WM REQ 18" (FOOT)	SS WM REQ 24" (FOOT)	SS WM REQ 54" (FOOT)	TRNCH BKFILL (CU YD)		
DU6	41+50	46+50	55						6														0
			57										134										294
			58														47						7
			59															69					18
			60			10																	1
			61							64													155
			62			13																	2
			63							38													90
			64			7																	1
			65															63					19
			66			7																	1
			67				2																0
			68							8													22
			69			9																	1
			70							40													112
			71			8																	2
			72																				165
			73							55													18
			74																67				212
			75			10																	2
DU7	46+50	51+00	76							174													531
			77																			97	269
			78			17																	3
			79			63																	15
			80			17																	2
			81			5																	0
			82																			130	364
			83			63																	16
			84			4																	0
			85							69													202
DU8	51+00	56+00	86			75																	88
			87							14													39
			88			5																	1
			89							97													252
			90							137													354
			91			12																	4
			92			63																	20
			93			12																	4
			94			3																	0
			95							148													0
DU9	56+00	61+00	96							189													0
			97			63																	18
			98			2																	0
			99							192													0
			100			63																	9
			101				2																0
			102																			96	0
			103			63																	11
			104			2																	0

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DATE	
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TEMPLATE	
AREAS	
CHECKED	
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46		SCHEDULE OF PROPOSED PIPES AND TRENCH BACKFILL CONTINUED																					
SHEET NO.	START STA	END STA	PIPE #	550A0050	550A0070	550A0340	550A0360	550A0380	550A0410	550A0430	550A0490	550A4015	550A4900	56100600	56100700	56103400	X1200046	Z0056608	Z0056612	Z0056616	Z0056628	20800150	
				SS, CL A, TY 1.12" (FOOT)	SS, CL A, TY 1.15" (FOOT)	SS, CL A, TY 2.12" (FOOT)	SS, CL A, TY 2.15" (FOOT)	SS, CL A, TY 2.18" (FOOT)	SS, CL A, TY 2.24" (FOOT)	SS, CL A, TY 2.30" (FOOT)	SS, CL A, TY 2.54" (FOOT)	SS, CL A, TY 1, EQRS 15" (FOOT)	SS, CL A, TY 2, EQRS 24" (FOOT)	WATER MAIN 6 (FOOT)	WATER MAIN 8 (FOOT)	D I WATER MAIN 16" (FOOT)	SS, CL B, TY B 2. 8" (FOOT)	SS WM REQ 12" (FOOT)	SS WM REQ 18" (FOOT)	SS WM REQ 24" (FOOT)	SS WM REQ 54" (FOOT)	TRNCH BKFFILL (CU YD)	
DU10	61+00	66+00	105								89												0
			106			63																	17
			107			1																	1
			108													234							
			109	13																			5
			110								46												0
			111					6															0
			112					30															22
			113			24																	33
			114					57															79
			115			67																	13
			116			9																	4
			117																100				96
			118			66																	13
			119			4																	1
			120					94															0
			121			73																	5
			122			2																	1
			123					110															35
DU11	66+00	70+50	124			103																	14
			125			2																	1
			126					104															25
			127	80																			14
			128			6																	1
			129								110												41
			130	80																			11
			131			6																	1
			132				141																0
			133			2																	1
			134	7																			1
			135	7																			1
			136			76																	4
			137	7																			1
			138	7																			1
			139			4																	1
DU12	70+50	75+50	140		56																		3
WM1	32+00	37+00	141												12								4
			142												16								0
			143											6									0
			144												627								237
WM3	41+50	46+50	145												17								8
			146											18									8
			147												16								7
			148												26								11
			149												2								0
			150												720								288
WM4	46+50	51+00	151												12								0
			GP01	56					34														0
PROJECT TOTAL				330	143	1,481	270	943	40	102	1,324	110	134	24	1,448	234	57	907	171	289	323	4,970	



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DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 11/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET NO. 12 OF 20 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	34
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.		FINAL	SURVEY	NOTE BOOK		

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
NO.		ORIGINAL	SURVEY	NOTE BOOK		

47 SCHEDULE OF DRAINAGE STRUCTURES																									
STRUC. #	SHEET NO.	STATION	OFFSET	60200105	60200805	60201105	60201110	60201340	60207605	60207915	60218400	60219000	60221100	60224457	60224459	60224469	60234200	60236800	60236825	60237470	60248900	X6020096	X6020297	X6024240	
				CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TC	CB TC	MAN TA 4 DIA	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 8 DIA	MAN TA 8 DIA	MAN TA 9 DIA	INLETS TA	INLETS TA	INLETS TA	INLETS TA	VV TA 5 DIA	MH TA 6D W/2	MH TA 7D W/2	INLETS	
				T1F OL	T8G	T11F&G	T11VF&G	T24F&G	T8G	T11VF&G	T1F CL	T8G	T1F CL	T1F OL	T1F CL	T1F CL	T1F OL	T11F&G	T11VF&G	T24F&G	T1F CL	T1FCL RP	T1FCL RP	SPECIAL	
1	DU1	19+61	29.1' RT							1															
2	DU2	21+58	42.0' RT						1																
3		21+65	31.5' RT							1															
4		22+50	21.0' RT								1														
5		22+85	20.9' RT								1														
6		23+43	20.8' RT									1													
7		23+50	49.5' RT							1															
9		24+00	57.1' LT																						1
10		25+96	31.5' LT																		1				
11		25+96	31.5' RT					1																	
12	25+96	43.6' RT									1														
13	DU3	27+96	31.5' LT																	1					
14		27+96	31.5' RT					1																	
15		27+96	38.5' RT									1													
16		28+89	53.3' LT																			1			
17		28+89	37.0' LT									1													
18		28+96	38.9' LT									1													
19		28+96	36.0' RT									1													
20		28+96	42.0' RT										1												
21		29+33	31.5' LT																						
22		29+44	40.2' LT					1																	
23		29+54	31.5' LT																						
24		29+33	31.5' RT																						
25		29+44	31.5' RT					1																	
26		29+54	31.5' RT																						
27	29+44	40.8' RT									1														
28	30+85	52.1' RT									1														
29	30+95	31.5' LT																							
30	30+95	31.5' RT					1																		
31	30+95	40.3' RT									1														
32	31+97	31.5' LT																							
33	31+97	31.5' RT					1																		
34	31+97	40.7' RT									1														
35	DU4	32+96	31.5' LT																						
36		32+96	31.5' RT					1																	
37		32+96	40.8' RT									1													
39		34+62	60.2' LT									1													
40		34+42	36.1' RT																						
41		34+42	44.1' RT									1													
42		34+79	66.2' LT																						
43		35+04	75.0' LT																						
44		35+96	31.5' LT									1													
45		35+96	31.5' RT					1																	
46	35+96	44.5' RT									1														

SCHEDULE OF DRAINAGE STRUCTURES CONTINUED

STRUC. #	SHEET NO.	STATION	OFFSET	60200105	60200805	60201105	60201110	60201340	60207605	60207915	60218400	60219000	60221100	60224457	60224459	60224469	60234200	60236800	60236825	60237470	60248900	X6020096	X6020297	X6024240
				CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TC	CB TC	MAN TA 4 DIA	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 8 DIA	MAN TA 8 DIA	MAN TA 9 DIA	INLETS TA	INLETS TA	INLETS TA	INLETS TA	INLETS TA	INLETS TA	INLETS TA	INLETS TA
				T1F OL	T8G	T11F&G	T11VF&G	T24F&G	T8G	T11VF&G	T1F CL	T8G	T1F CL	T1F OL	T1F CL	T1F CL	T1F OL	T11F&G	T11VF&G	T24F&G	T1F CL	T1FCL RP	T1FCL RP	SPECIAL
48		37+65	31.5' LT																					
49		37+65	31.5' RT				1																	
51		39+73	31.5' LT																					
52		39+83	31.5' LT			1																		
53		39+93	31.5' LT																					
54		39+73	31.5' RT																					
55		39+83	31.5' RT			1																		
56		39+93	31.5' RT																					
58		40+55	51.0' LT		1																			
59		40+52	36.0' LT																					
60		40+62	43.5' RT																					
61		40+89	48.4' LT		1																			
62		41+77	43.0' RT																					
63		41+70	52.3' RT										1											
64		42+50	48.7' LT																					
65		42+96	31.5' LT																					
66		43+15	37.0' RT																					
67		43+17	50.4' RT																					
68		43+83	35.7' RT																					
69		43+80	52.2' RT																					
70		44+13	31.5' LT																					
71		44+23	31.5' LT				1																	
72		44+13	31.5' RT																					
73		44+23	31.5' RT	1																				
74		44+27	40.0' RT																					
75		44+43	39.8' RT																					
76		44+41	53.3' RT																					
77		44+90	39.4' RT																					
78		44+90	52.1' RT																					
79		45+52	31.5' LT																					
80		45+52	39.4' RT																					
81		46+25	41.6' RT																					
82		46+25	55.8' RT																					
83		48+05	50.9' RT																					
84		48+89	31.5' LT																					
85		49+09	31.5' LT				1																	
86		48+89	31.5' RT																					
87		49+09	31.5' RT				1																	
88		49+09	43.8' RT																					
89		50+47	31.5' LT																					
90		50+47	31.5' RT																					
91		50+47	43.3' RT				1																	
92		51+23	46.0' RT																					
93		51+45	46.0' RT																					
94		51+45	55.5' RT																					
97		52+50	50.9' RT																					
98		53+80	31.5' LT																					
99		53+95	31.5' LT				1																	
100		53+80	31.5' RT																					
101		53+95	31.5' RT				1																	
102		53+95	42.0' RT																					
103		55+50	40.9' RT																					

DATE	
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TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

47

SCHEDULE OF DRAINAGE STRUCTURES CONTINUED

STRUC. #	SHEET NO.	STATION	OFFSET	60200105	60200805	60201105	60201110	60201340	60207605	60207915	60218400	60219000	60221100	60224457	60224459	60224469	60234200	60236800	60236825	60237470	60248900	X6020096	X6020297	X6024240
				CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TC	CB TC	MAN TA 4 DIA	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 8 DIA	MAN TA 8 DIA	MAN TA 9 DIA	INLETS TA	INLETS TA	INLETS TA	INLETS TA	VV TA 5 DIA	MH TA 6D W/2	MH TA 7D W/2	INLETS
				T1F OL	T8G	T11F&G	T11VF&G	T24F&G	T8G	T11VF&G	T1F CL	T8G	T1F CL	T1F OL	T1F CL	T1F CL	T1F OL	T11F&G	T11VF&G	T24F&G	T1F CL	T1FCL RP	T1FCL RP	SPECIAL
104	DU9	57+47	31.5' LT																1					
105		57+47	31.5' RT				1																	
106		57+47	41.1' RT												1									
107		59+47	31.5' LT																	1				
108		59+47	31.5' RT				1																	
109		59+47	41.4' RT												1									
110		60+50	31.5' LT																	1				
111		60+50	31.5' RT				1																	
112		60+50	41.5' RT													1								
113		60+97	46.7' LT																			1		
114		61+47	31.5' LT																	1				
115		61+47	31.5' RT				1																	
116		61+47	40.4' RT													1								
117	62+50	31.5' LT								1														
118	62+00	39.0' RT																					1	
119	62+11	36.9' RT										1												
120	62+87	35.6' RT																				1		
121	63+30	49.8' LT																			1			
122	DU10	63+47	32.7' LT																1					
123		63+47	33.8' RT				1																	
124		63+47	48.6' RT									1												
125		64+50	34.1' LT																	1				
126		64+50	31.6' RT				1																	
127		64+50	41.7' RT									1												
128		65+47	35.0' LT																	1				
129		65+47	38.0' RT				1																	
130		65+47	46.0' RT									1												
131		66+60	35.0' LT																	1				
132		66+60	44.0' RT				1																	
133		66+60	51.5' RT									1												
134		67+67	36.7' LT				1																	
135	67+67	44.0' RT				1																		
136	67+67	55.2' RT									1													
137	68+65	34.9' LT																		1				
138	68+80	44.0' RT					1																	
139	DU11	68+80	55.4' RT								1													
140		70+24	40.0' LT									1												
141		70+14	32.0' LT																				1	
142		70+24	32.0' LT					1																
143		70+34	32.0' LT																				1	
144		70+14	44.0' RT																				1	
145		70+24	44.0' RT					1																
146		70+34	44.0' RT																				1	
147	70+24	53.6' RT									1													
148	DU12	70+84	42.0' LT								1													
149	WM1	35+61	89.5' RT																				1	
150	WM3	41+65	28.5' RT																				2	
151	WM4	48+85	71.2' RT																				1	
PROJECT TOTAL				1	3	8	19	3	9	8	26	1	4	1	15	1	1	1	28	5	6	2	1	2

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
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NO.	

DATE	
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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 11/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES	
SHEET NO. 15 OF 20 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	37
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL SURVEY NOTE BOOK NO.					

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL SURVEY NOTE BOOK NO.					

48 SCHEDULE OF STRUCTURES TO BE REMOVED							
SHEET NO.	START STA	END STA	60500040	60500050	60500060	X6026054	X6026622
			MANHOLES	CATCH BASINS	INLETS	SANITARY MANHOLES	VALVE VAULTS
DU1	17+00	21+50			2		
DU2	21+50	27+00	1		1		
DU3	27+00	32+00	6	4	8		
DU4	32+00	37+00	5	3	5	1	
DU5	37+00	41+50	3		7	1	
DU6	41+50	46+50	1		2		
DU7	46+50	51+00	2		3		
DU8	51+00	56+00	3		2		
DU9	56+00	61+00	1				
DU10	61+00	66+00	1		3		1
DU11	66+00	70+50	1	6	9		
DU12	70+50	75+50		1			
PROJECT TOTAL			24	14	42	2	1

51 SCHEDULE OF SEALING ABANDONED WATER WELLS (67201000)			
SHEET NO.	START STA	END STA	TOTAL
			EACH
DU5	37+00	41+50	1
PROJECT TOTAL			1

52 SCHEDULE OF CONCRETE CURB, TYPE B (60600605)				
SHEET NO.	START STA	END STA	SIDE	LENGTH
				(FOOT)
PP3	26+99	27+11	RT	37
	27+48	27+61	RT	37
PP4	34+18	34+79	RT	64
PP5	70+85	70+96	LT	39
	71+32	71+37	LT	36
PROJECT TOTAL				213

49 SCHEDULE OF PIPE REMOVAL												
SHEET NO.	START STA	END STA	55100200	55100300	55100400	55100500	55100700	55100900	55101200	XX006052	X5610716	20800150
			SS REM 6"	SS REM 8"	SS REM 10"	SS REM 12"	SS REM 15"	SS REM 18"	SS REM 24"	SS REM SPEC	WM REM 16"	TRNCH BKFILL
DU1	17+00	21+50				8						
DU2	21+50	27+00			15	26	112					3
DU3	27+00	32+00			118	78	70	55	343			479
DU4	32+00	37+00			80	161			514	127		883
DU5	37+00	41+50		18		104		55	343	367		310
DU6	41+50	46+50	45			129	60		668	120		598
DU7	46+50	51+00				192			340			449
DU8	51+00	56+00				112			442			669
DU9	56+00	61+00							585			804
DU10	61+00	66+00				22	279		95	238		198
DU11	66+00	70+50				428	308	77				177
DU12	70+50	75+50					145					13
PROJECT TOTAL			45	18	213	1,260	974	187	3,330	614	238	4,583

50 SCHEDULE OF STRUCTURES TO BE ADJUSTED													
SHEET NO.	START STA	END STA	60250200	60255500	60260100	60265700	60266600	60402210	60404805	60404950	60406100	X6026050	X6030310
			CB ADJ	MH ADJ	INLETS ADJ	VALVE VAULTS	VALVE BOXES	GRATES T8	FR & GTS T11V	FR & GTS T24	FR & LIDS T1 CL	SAN MAN ADJ	FR & LIDS SPL
DU1	17+00	21+50			1								2
DU2	21+50	27+00			1	1		1					1
DU3	27+00	32+00				2							
DU4	32+00	37+00		1		3					1	1	
DU5	37+00	41+50										1	
DU6	41+50	46+50				1	1					2	
DU7	46+50	51+00				1	1					3	
DU8	51+00	56+00		1	1	2			2			2	
DU9	56+00	61+00				1							
DU10	61+00	66+00				2							
DU11	66+00	70+50				2				2	3	1	
DU12	70+50	75+50	1	3	1	2							
PROJECT TOTAL			1	5	4	17	2	1	2	2	4	10	3

53 SCHEDULE OF COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (60603800)					
SHEET NO.	START STA	END STA	SIDE	COUNTY	VILLAGE
				(FOOT)	(FOOT)
PP1	18+25	21+50	RT	324	
	18+45	21+50	LT	304	
PP2	21+50	21+77	LT	32	
	21+50	27+00	RT	551	
PP3	22+25	27+00	LT	479	
	27+00	32+00	LT	500	
PP4	21+77	32+00	RT	500	
	28+96	29+63	-		143
PP4	32+00	34+53	LT	324	
	32+00	35+31	RT	403	
	34+66	37+00	LT	347	
PP5	35+74	37+00	RT	255	
	37+00	41+50	LT	449	
	37+00	41+50	RT	451	
PP6	38+95	41+50	LT		255
	38+95	41+50	RT		255
	41+50	41+65	LT		16
PP6	41+50	41+65	RT		15
	41+50	42+20	RT	115	
	41+50	46+50	LT	498	
PP7	42+44	46+50	RT	466	
	46+50	51+00	LT	449	
	46+50	51+00	RT	451	
PP8	51+00	51+24	RT	82	
	51+00	51+56	LT	117	
	51+92	56+00	LT	469	
	51+95	56+00	RT	436	
	55+50	56+00	LT		50
PP9	55+50	56+00	RT		50
	56+00	61+00	LT	500	
	56+00	61+00	RT	500	
	56+00	61+00	LT		501
	56+00	61+00	RT		500
PP10	56+00	63+40	LT		244
	56+00	63+40	RT		240
	61+00	63+76	RT	308	
	61+00	66+00	LT	498	
	64+02	66+00	RT	229	
PP11	66+00	67+92	LT	208	
	66+00	68+06	RT	238	
	67+85	68+60	RT	80	
	68+11	68+27	LT	38	
PP12	68+43	68+76	RT	60	
	70+50	70+65	RT		30
	70+74	70+97	RT	29	
	71+32	71+55	RT	30	
PROJECT TOTAL				10,716	2,299

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL SURVEY NOTE BOOK NO.						

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL SURVEY NOTE BOOK NO.						

54	SCHEDULE OF COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (60605000)			
				LENGTH
SHEET NO.	START STA	END STA	SIDE	(FOOT)
PP1	18+25	18+45	RT	21
PP11	68+46	70+50	LT	222
	68+75	70+50	RT	175
PP12	70+50	72+12	LT	163
	70+50	72+12	RT	162
PROJECT TOTAL				743

55	SCHEDULE OF COMBINATION CONCRETE MEDIAN SURFACE, 4 INCH (60618300)			
				AREA
SHEET NO.	START STA	END STA	SIDE	(SQ FT)
PP3	28+96	29+62	-	430
PROJECT TOTAL				430

56	SCHEDULE OF CONCRETE MEDIAN, TYPE SB-6.12 (60619600)			
				AREA
SHEET NO.	START STA	END STA	SIDE	(SQ FT)
PP3	38+71	38+95	RT	153
PP6	41+65	41+84	RT	159
PP8	55+26	55+50	RT	153
PP10	63+40	63+59	RT	159
PP11	68+72	70+50	RT	885
PP12	70+50	70+67	LT	85
	71+43	72+12	LT	272
PROJECT TOTAL				1,866

57	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LETTERS AND SYMBOLS			
				AREA
SHEET NO.	START STA	END STA	(SQ FT)	
PM1	18+25	28+95	125	
	31+97	37+56	110	
PM2	44+25	54+11	214	
	64+70	65+10	73	
PM3	67+16	71+85	182	
PROJECT TOTAL			704	

58	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 4"			
				LENGTH
SHEET NO.	START STA	END STA	(FOOT)	
PM1	18+25	30+00	3903	
	30+00	43+00	3457	
PM2	43+00	55+00	4028	
	55+00	67+00	3394	
PM3	67+00	75+50	1063	
PROJECT TOTAL				15,845

59	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 5"			
				LENGTH
SHEET NO.	START STA	END STA	(FOOT)	
PM1	22+41	30+00	1490	
	30+00	43+00	2030	
PM2	43+00	55+00	2447	
	55+00	67+00	2359	
PM3	67+00	75+50	864	
PROJECT TOTAL				9,190

60	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 6"			
				LENGTH
SHEET NO.	START STA	END STA	(FOOT)	
PM1	29+80	30+00	6	
	30+00	43+00	584	
PM2	43+00	54+20	711	
	64+35	67+00	263	
PM3	67+00	72+12	654	
PROJECT TOTAL				2,218

61	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 8"			
				LENGTH
SHEET NO.	START STA	END STA	(FOOT)	
PM3	68+64	70+65	207	
PROJECT TOTAL				207

62	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 12"			
				LENGTH
SHEET NO.	START STA	END STA	(FOOT)	
PM1	18+33	30+00	339	
	30+00	42+56	855	
PM2	45+21	55+00	575	
	55+00	67+00	371	
PM3	67+00	70+43	203	
PROJECT TOTAL				2,343

63	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 24"			
				LENGTH
SHEET NO.	START STA	END STA	(FOOT)	
PM1	29+10	29+31	46	
	34+42	42+45	151	
PM2	51+49	52+00	60	
	58+90	64+04	78	
PM3	67+92	68+10	18	
PROJECT TOTAL				353

64	SCHEDULE OF PAINT PAVEMENT MARKINGS - RAISED MEDIAN			
				AREA
SHEET NO.	START STA	END STA	(SQ FT)	
PM1	28+96	29+62	48	
	38+71	41+84	223	
PM2	55+26	63+59	223	
	68+72	70+67	216	
PM3	71+43	72+12	46	
	PROJECT TOTAL			756

65	SCHEDULE OF GROOVING FOR RECESSED PAVEMENT MARKINGS								
			(X7830060) LETTERS AND SYMBOLS	(X7830070) LINE 5"	(X7830072) LINE 6"	(X7830074) LINE 7"	(X7830076) LINE 9"	(X7830078) LINE 13"	(X7830090) LINE 25"
SHEET NO.	START STA	END STA	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
PM1	17+00	30+00	125	3903	1490	6	0	339	46
	30+00	43+00	110	3457	2030	584	0	855	151
PM2	43+00	55+00	214	4028	2447	711	0	575	60
	55+00	67+00	73	3394	2359	263	0	371	78
PM3	67+00	75+50	182	1063	864	654	207	203	18
PROJECT TOTAL			704	15,845	9,190	2,218	207	2,343	353

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL SURVEY NOTE BOOK NO.					

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL SURVEY NOTE BOOK NO.					

66	SCHEDULE OF PAVEMENT MARKING REMOVAL - WATER BLASTING (X0327980)		
			AREA
SHEET NO.	START STA	END STA	(SQ FT)
SOC	12+00	22+00	8
SOC	22+00	34+00	1682
SOC	34+00	48+00	2614
SOC	48+00	62+00	2215
SOC	62+00	75+00	757
PROJECT TOTAL			7,276

67	SCHEDULE OF RECESSED REFLECTIVE PAVEMENT MARKERS (X7810300)		
			TOTAL
SHEET NO.	FROM	TO	(EACH)
PM1	18+25	30+00	54
	30+00	43+00	50
PM2	43+00	55+00	54
	55+00	67+00	52
PM3	67+00	72+12	18
PROJECT TOTAL			228

68	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS (70300210)		
			AREA
SHEET NO.	START STA	END STA	(SQ FT)
SOCI-1	31+73	32+04	36
SOCI-2	34+13	37+55	219
SOCI-3	49+35	54+10	73
	66+83	67+14	36
SOCIA	34+70	35+25	36
SOCII-1	20+56	20+87	36
	31+37	32+04	36
SOCII-2	34+13	37+55	110
SOCII-3	49+35	54+10	73
SOCIII-1	20+56	20+87	36
	31+73	32+04	36
SOCIII-2	34+13	44+45	146
SOCIII-3	49+35	54+10	73
	64+69	65+00	36
PROJECT TOTAL			985

69	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 4" (70300220)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-1	18+25	22+00	375
	22+00	34+00	5,909
SOCI-2	34+00	48+00	6,634
SOCI-3	48+00	62+00	6,311
	62+00	72+12	2,858
SOCIA	34+70	35+25	378
SOCIB	34+65	35+54	639
SOCII-1	18+25	21+78	791
	22+24	34+00	4,108
SOCII-2	34+00	48+00	5,639
SOCII-3	48+00	62+00	5,357
	62+00	72+12	2,576
SOCIIA	34+65	35+55	509
SOCIIB	34+69	35+57	552
SOCIII-1	18+25	21+59	344
	22+37	34+00	2,341
SOCIII-2	34+00	48+00	2,691
SOCIII-3	48+00	62+00	2,596
	62+00	72+12	1,016
PROJECT TOTAL			51,624

70	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 6" (70300240)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-1	29+63	34+00	287
SOCI-2	34+00	48+00	455
SOCI-3	48+00	56+20	452
SOCIA	34+39	34+78	68
SOCII-1	18+35	21+55	162
	29+63	34+00	287
SOCII-2	34+00	48+00	324
SOCII-3	48+00	56+20	452
	72+12	75+00	51
SOCIIA	35+34	35+55	71
SOCIII-1	18+35	21+55	162
SOCIII-2	34+65	46+55	601
SOCIII-3	52+35	56+20	235
	64+36	67+10	124
PROJECT TOTAL			3,731

71	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 8" (70300250)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-3	65+10	67+99	297
PROJECT TOTAL			297

72	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 12" (70300260)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-1	23+36	30+83	98
SOCI-2	38+35	47+65	87
SOCI-3	48+31	58+01	61
	64+42	66+06	58
SOCII-1	22+69	25+23	47
SOCII-2	38+36	48+00	72
SOCII-3	48+00	59+36	67
PROJECT TOTAL			490

73	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 24" (70300280)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-2	34+55	35+65	113
SOCIA	34+58	34+92	34
SOCIB	34+58	35+17	32
SOCII-2	34+55	35+65	55
SOCIIA	34+78	35+51	41
SOCIIB	34+83	35+51	28
SOCIII-2	34+63	35+65	79
PROJECT TOTAL			381

74	SCHEDULE OF PAVEMENT MARKING BLACKOUT TAPE 5" (70107005)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-1	16+63	18+25	41
SOCI-2	34+63	34+88	86
SOCI-3	72+12	73+12	25
SOCIA	34+63	34+88	86
SOCIB	34+63	34+88	86
SOCII-1	15+90	18+25	59
SOCII-3	72+12	71+02	166
SOCIIA	34+63	34+88	86
SOCIIB	34+63	34+88	86
SOCIII-1	15+90	18+25	59
SOCIII-3	72+12	74+02	163
PROJECT TOTAL			943

75	SCHEDULE OF PAVEMENT MARKING BLACKOUT TAPE 7" (70107007)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-2	34+51	35+99	103
SOCI-3	72+59	73+12	53
SOCIA	34+51	35+67	85
SOCII-2	34+51	35+98	111
SOCII-3	72+12	73+12	138
SOCIIA	34+51	34+64	46
SOCIIB	34+51	35+67	58
SOCIII-3	72+12	73+12	138
PROJECT TOTAL			732

76	SCHEDULE OF PAVEMENT MARKING BLACKOUT TAPE 16" (70107016)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-2	34+49	36+30	301
SOCIA	34+71	35+55	52
SOCII-2	34+48	34+75	90
SOCIIB	34+49	34+75	130
PROJECT TOTAL			573

77	SCHEDULE OF PAVEMENT MARKING BLACKOUT TAPE 24" (70107024)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-2	34+00	48+00	66
SOCIA	34+00	48+00	44
SOCII-2	34+00	48+00	44
SOCIIB	34+00	48+00	44
PROJECT TOTAL			198

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL						
SURVEY						
NOTE						
BOOK						
NO.						

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL						
SURVEY						
NOTE						
BOOK						
NO.						

78	SCHEDULE OF PAVEMENT MARKING TAPE TYPE IV 4" (70300904)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI-1	16+63	18+25	162
SOCI-2	34+29	36+30	716
SOCI-3	72+12	73+12	103
SOCIA	34+39	35+70	137
SOCIB	34+39	36+09	449
SOCII-1	15+90	18+25	236
SOCII-2	34+76	34+80	129
SOCII-3	72+12	71+02	428
SOCIIA	34+63	34+88	387
SOCIIB	34+63	34+88	365
SOCIII-1	15+90	18+25	235
SOCIII-3	72+12	73+12	204
PROJECT TOTAL			3,551

79	SCHEDULE OF TEMPORARY CONCRETE BARRIER (70400100)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI	23+29	34+00	980
SOCI	37+50	48+00	970
SOCI	48+00	62+00	1,287
SOCI	62+00	72+07	1,033
PROJECT TOTAL			4,270

80	SCHEDULE OF RELOCATE TEMPORARY CONCRETE BARRIER (70400200)		
			LENGTH
SHEET NO.	START STA	END STA	(FOOT)
SOCI	48+00	62+00	901
SOCI	62+00	72+12	869
PROJECT TOTAL			1,770

81	SCHEDULE OF IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2 (70600241)		
			TOTAL
SHEET NO.	START STA	END STA	(EACH)
SOCI	22+00	34+00	4
SOCI	34+00	48+00	3
SOCI	48+00	62+00	3
SOCI	62+00	72+15	6
PROJECT TOTAL			16

82	SCHEDULE OF SCHEDULE OF IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 2		
			70600341
			TOTAL
SHEET NO.	START STA	END STA	(EACH)
SOCI	62+00	72+15	5
PROJECT TOTAL			5

83	SCHEDULE OF BARRIER WALL REFLECTORS, TYPE C (78200011)		
			TOTAL
SHEET NO.	START STA	END STA	(EACH)
SOCI	22+00	34+00	86
SOCI	34+00	48+00	80
SOCI	48+00	62+00	104
SOCI	62+00	72+15	80
PROJECT TOTAL			350

84	SCHEDULE OF PINNING TEMPORARY CONCRETE BARRIER (X7040125)		
			TOTAL
SHEET NO.	START STA	END STA	(EACH)
SOCI	22+00	34+00	253
SOCI	34+00	48+00	233
SOCI	48+00	62+00	307
SOCI	62+00	72+15	230
PROJECT TOTAL			1,023

85	SCHEDULE OF BASE FOR TELESCOPING SIGN SUPPORT, SPECIAL (X7310110)		
			TOTAL
SHEET NO.	START STA	END STA	(EACH)
PM1	17+00	30+00	2
PM3	67+00	75+50	3
PROJECT TOTAL			5

86	SCHEDULE OF SIGNS								
			(72000100) SIGN PANEL - TYPE 1	(72400100) REMOVE SIGN PANEL ASSEMBLY - TYPE A	(72400310) REMOVE SIGN PANEL - TYPE 1	(72400500) RELOCATE SIGN PANEL ASSEMBLY - TYPE A	(72400600) RELOCATE SIGN PANEL ASSEMBLY - TYPE B	(72400710) RELOCATE SIGN PANEL - TYPE 1	(72800100) TELESCOPING STEEL SIGN SUPPORT
SHEET NO.	START STA	END STA	(SQ FT)	(EACH)	(SQ FT)	(EACH)	(EACH)	(SQ FT)	(FOOT)
PM1	17+00	34+00	35	3		2			91
	34+00	43+00	21			5	1	15	143
PM2	43+00	55+00	10	2	16	2		15	104
	55+00	67+00	70	4	30			8	156
PM3	67+00	75+50	13		14	3	3	3	117
PROJECT TOTAL			149	9	60	12	4	41	611

87	SCHEDULE OF TEMPORARY ACCESS					
			(X4021000) (PRIVATE ENTRANCE)	(X4022000) (COMMERCIAL ENTRANCE)	(X4023000) (ROAD)	(X4024100) (WINTERIZE)
SHEET NO.	START STA	END STA	(EACH)	(EACH)	(EACH)	(SQ YD)
PP1	17+00	21+50	1			45
PP2	21+50	27+00	3		1	211
PP3	27+00	32+00	1	1		282
PP4	32+00	37+00			2	
PP5	37+00	41+50				
PP6	41+50	46+50	4		1	419
PP7	46+50	51+00	4			356
PP8	51+00	56+00			2	
PP9	56+00	61+00				
PP10	61+00	66+00			1	
PP11	66+00	70+50		1	1	227
PP12	70+50	75+00		1		198
PROJECT TOTAL			13	3	8	1,738

88	SCHEDULE OF FENCE ITEMS					
			(X6640308) CHAIN LINK GATES (SPECIAL)	(X6640550) CHAIN LINK FENCE, 4' (SPECIAL)	(X6640555) CHAIN LINK FENCE, 5' (SPECIAL)	(XX000503) SPLIT RAIL FENCE
SHEET NO.	START STA	END STA	(EACH)	(FOOT)	(FOOT)	(FOOT)
PP2	21+50	27+00		63		
PP3	27+00	32+00	1	386		
PP6	41+50	46+50	1	149		
PP8	51+00	56+00			243	
PP10	61+00	66+00				56
PROJECT TOTAL			2	598	243	56



DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 11/7/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SHEET NO. 19 OF 20 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	41
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

89 SCHEDULE OF TEMPORARY INFORMATION SIGNING (Z0030850)			
			AREA
SHEET NO.	START STA	END STA	(SQ FT)
SOC	12+00	22+00	36
SOC	22+00	34+00	50
SOC	34+00	48+00	80
SOC	48+00	62+00	20
SOC	62+00	75+50	46
PROJECT TOTAL			232

90 SCHEDULE OF AGGREGATE SHOULDERS, TYPE B (48101200)							
				AREA	AREA	DEPTH	WEIGHT
SHEET NO.	START STA	END STA	NOTE	(SQ FT)	(SQ YD)	(IN)	(TON)
SOCII-1	23+29	25+60	TEMP PVMT SOCII	462	52	6	17
SOCI-1	24+81	27+04	TEMP PVMT SOCI	447	50	6	17
SOCII-1	30+00	34+00	TEMP PVMT SOCII	798	89	6	30
SOCII-2	34+00	34+55	TEMP PVMT SOCII	110	13	6	4
SOCI-2	34+66	35+27	TEMP PVMT SOCI	310	35	6	12
	35+44	35+76	TEMP PVMT SOCI	283	32	6	11
SOCII-2	35+65	42+35	TEMP PVMT SOCII	1340	149	6	50
SOCI-2	42+25	48+00	TEMP PVMT SOCI	1145	128	6	43
SOCII-2	45+65	48+00	TEMP PVMT SOCII	565	63	6	21
SOCI-3	48+00	50+97	TEMP PVMT SOCI	616	69	6	23
SOCII-3	48+00	51+10	TEMP PVMT SOCII	631	71	6	24
	52+35	59+80	TEMP PVMT SOCII	1490	166	6	55
SOCI-3	53+69	61+08	TEMP PVMT SOCI	1479	165	6	55
	60+00	61+08	TEMP PVMT CULVT	190	22	6	7
SOCII-3	63+68	66+05	TEMP PVMT SOCII	459	51	6	17
	65+23	66+05	TEMP PVMT SOCII	151	17	6	6
PROJECT TOTAL							391

91 SCHEDULE OF TEMPORARY PAVEMENT (Z0062456)				
				AREA
SHEET NO.	START STA	END STA	NOTE	(SQ YD)
SOCII-1	23+29	25+60	TEMP PVMT SOCII	283
SOCI-1	24+81	27+04	TEMP PVMT SOCI	98
SOCII-1	30+00	34+00	TEMP PVMT SOCII	278
SOCII-2	34+00	42+35	TEMP PVMT SOCII	726
SOCIA	34+55	35+07	TEMP PVMT SOCIA	63
SOCIB	34+91	35+18	TEMP PVMT SOCIB	36
SOCI-2	34+65	35+24	TEMP PVMT SOCI	131
	35+73	35+62	TEMP PVMT SOCI	148
	42+25	48+00	TEMP PVMT SOCI	342
SOCII-2	45+65	48+00	TEMP PVMT SOCII	60
SOCI-3	48+00	51+00	TEMP PVMT SOCI	270
SOCII-3	48+00	59+80	TEMP PVMT SOCII	898
SOCI-3	53+69	55+00	TEMP PVMT SOCI	64
	55+00	61+08	TEMP PVMT SOCI	427
SOCI	58+22	63+62	TEMP PVMT CULVT	714
	60+00	61+83	TEMP PVMT CULVT	99
SOCII-3	63+68	66+05	TEMP PVMT SOCII	239
	67+85	68+75	TEMP PVMT SOCII	230
	69+29	70+64	TEMP PVMT SOCII	116
	71+44	72+12	TEMP PVMT SOCII	30
PROJECT TOTAL				5,251

94 SCHEDULE OF FIRE HYDRANT					
			(56400200) FIRE HYDNITS TO BE MVD (SPECIAL)	(56400400) FIRE HYDNITS RELOCATED	(56400820) FIRE HYD W/AUX V & VB
SHEET NO.	FROM	TO	(EACH)	(EACH)	(EACH)
DU2	21+50	27+00		1	1
DU3	27+00	32+00		1	1
DU4	32+00	37+00		1	2
DU6	41+50	46+50	1		2
DU7	46+50	51+00	1		1
DU8	51+00	56+00	1		1
DU9	56+00	61+00	1		1
DU11	66+00	70+50	1		1
DU12	70+50	75+00	2		2
PROJECT TOTAL			7	3	12

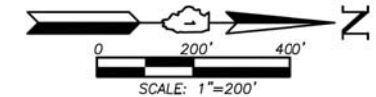
95 SCHEDULE OF LEVELING BINDER, N70 (40600635)			
			WEIGHT
SHEET NO.	START STA	END STA	(TON)
PP2	22+79	23+29	23
PROJECT TOTAL			23

92 SCHEDULE OF SURVEY MONUMENTS (Z0070200)			
			TOTAL
SHEET NO.	STATION	SIDE	(EACH)
AT1	41+51	PC	1
	48+38	PT	1
	63+36	PC	1
	69+79	PT	1
PROJECT TOTAL			4

96 SCHEDULE OF OUTLET SPECIAL (X0324058)		
		TOTAL
SHEET NO.	STATION	EACH
EC1	41+44	1
EC2	44+24	1
PROJECT TOTAL		2

93 SCHEDULE OF SURFACE REMOVAL - BUTT JOINT				
			HMA SURF REM BUTT JT (40600982)	PCC SURF REM BUTT JT (40600985)
SHEET NO.	FROM	TO	(SQ YD)	(SQ YD)
REM1	18+25	18+29		31
	21+76	22+28	25	
PROJECT TOTAL			25	31

LEGEND

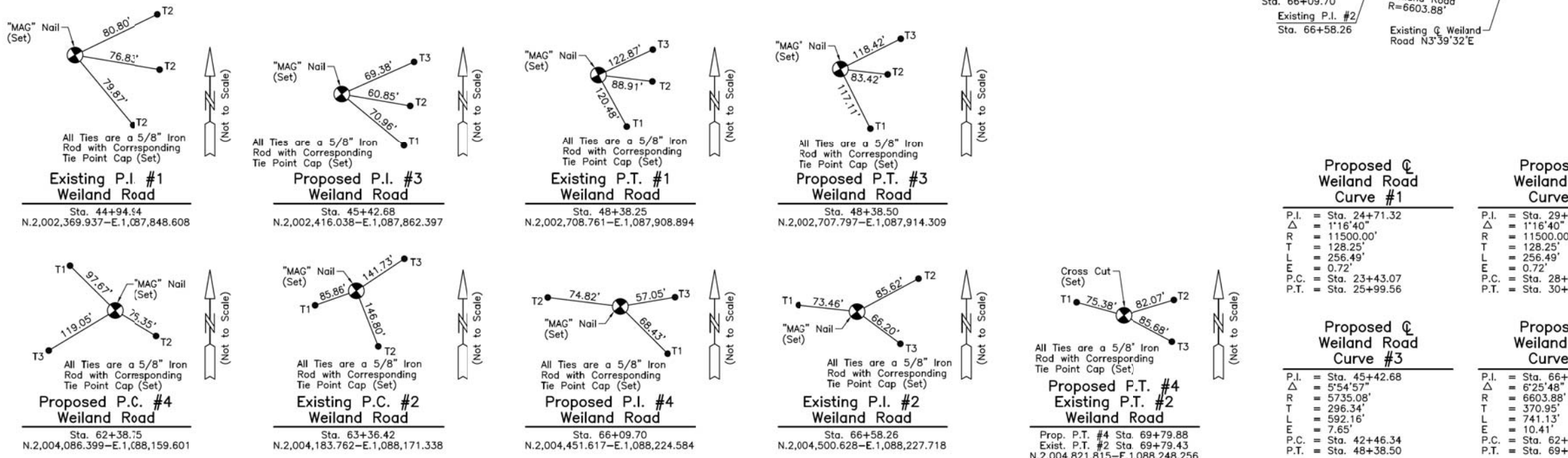
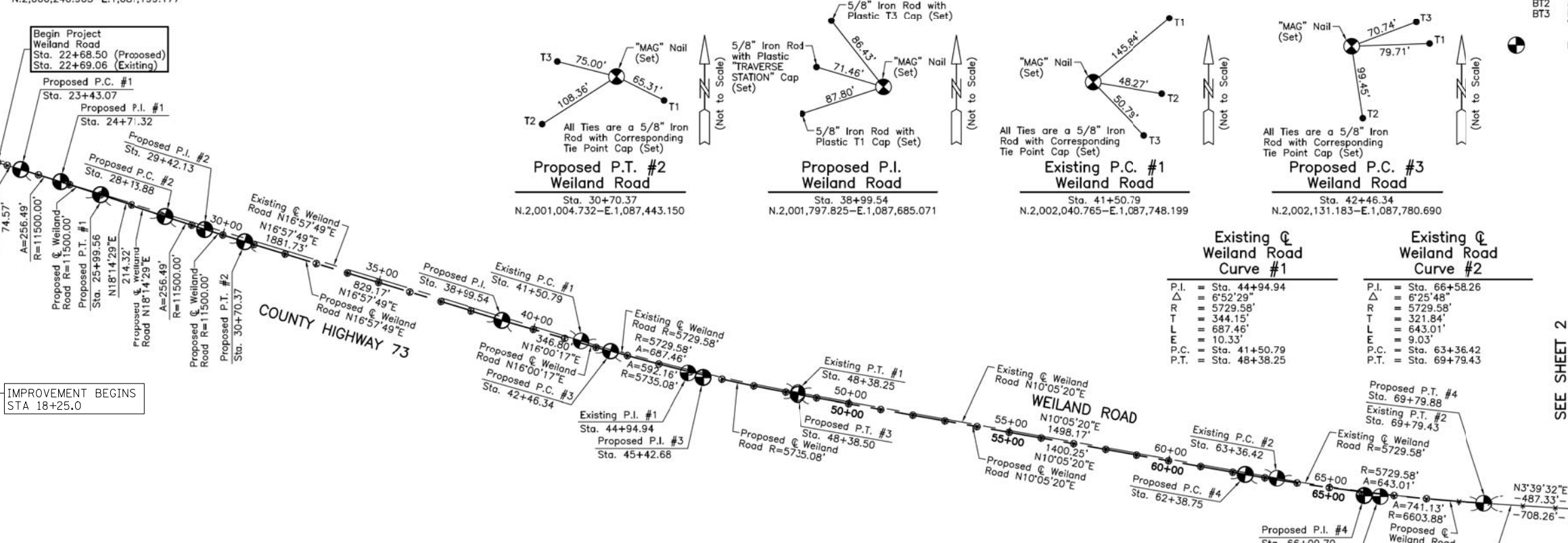
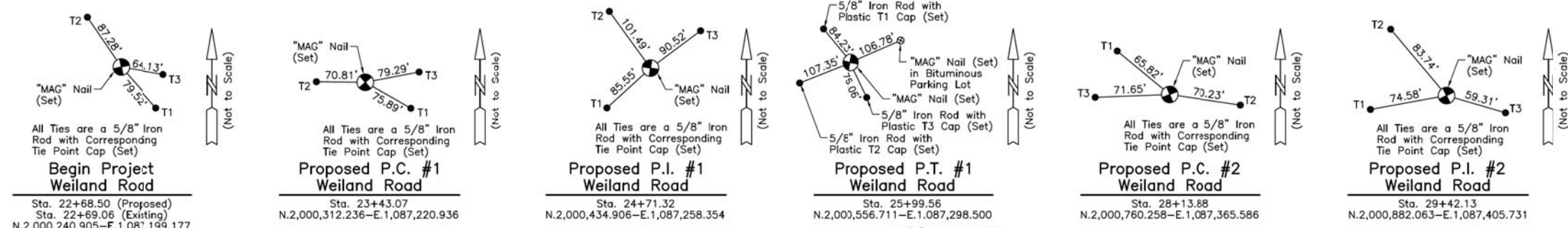


Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.
 Note: Surface Coordinates are Shown, Project Average Combined Scale Factor of 0.9999597077 at N.2,006,541.014-E.1,088,305.208

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- PERMANENT SURVEY MARKER (TO BE SET BY OTHERS)

DATE	
BY	
FINAL SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



SEE SHEET 2

CIVILTECH
 Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 10/8/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

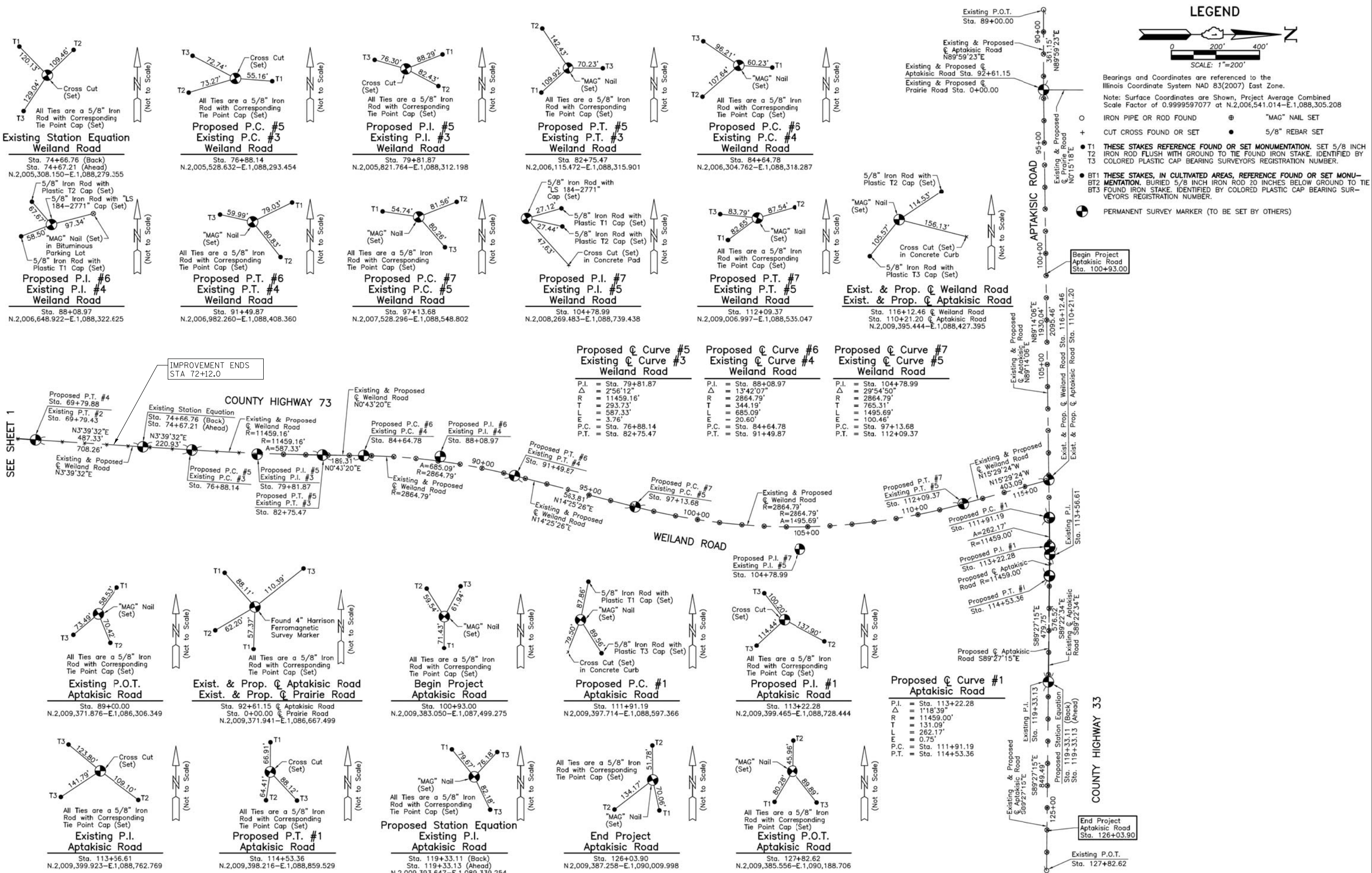
ALIGNMENT AND TIES

SHEET NO. 1 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	43
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



CIVILTECH
 Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

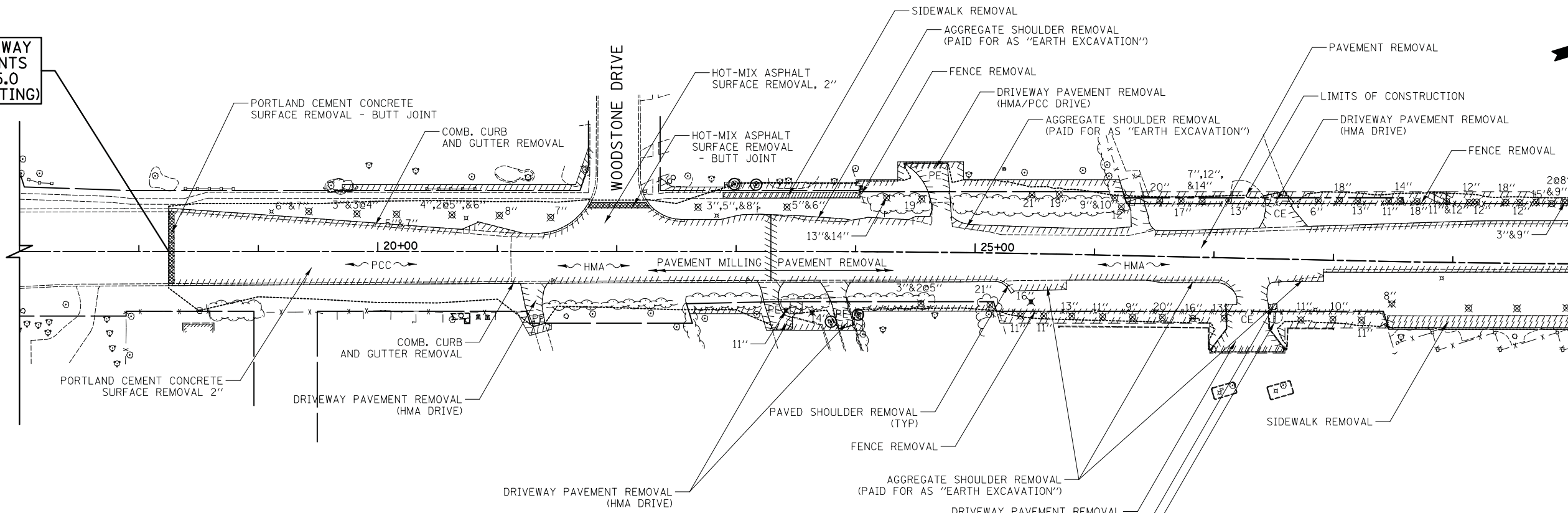
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 10/8/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT AND TIES
 SHEET NO. 2 OF 2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	44
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

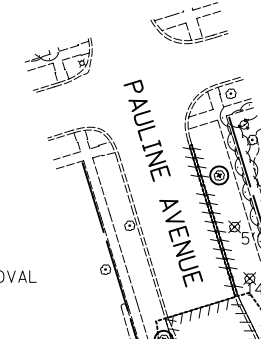
BEGIN ROADWAY IMPROVEMENTS STA 18+25.0 (MATCH EXISTING)



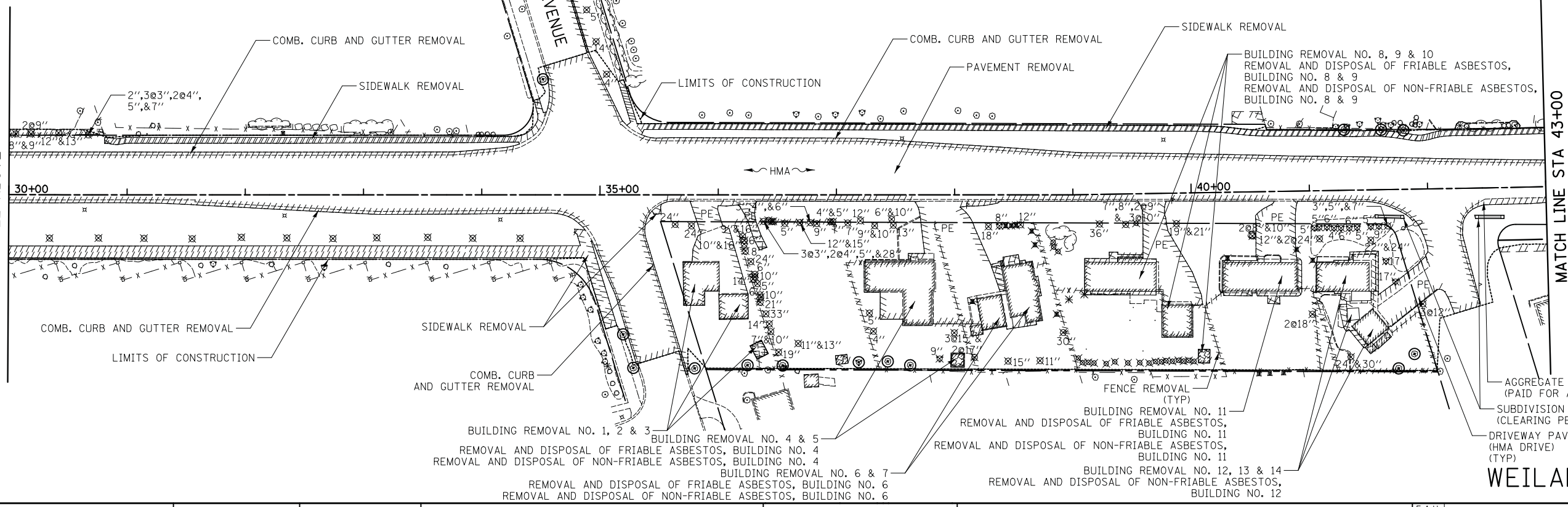
MATCH LINE STA 30+00 SEE BELOW

LEGEND

- ⊗ XX" TREE REMOVAL & SIZE
- ⊗ SHRUB REMOVAL (CLEARING PER ARTICLE 201.01(A))
- ⊙ TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)



MATCH LINE STA 30+00 SEE ABOVE



MATCH LINE STA 43+00 SEE SHEET NO 46

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
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TEMPLATE	
AREAS CHECKED	
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DATE - 11/7/2018	REVISED -

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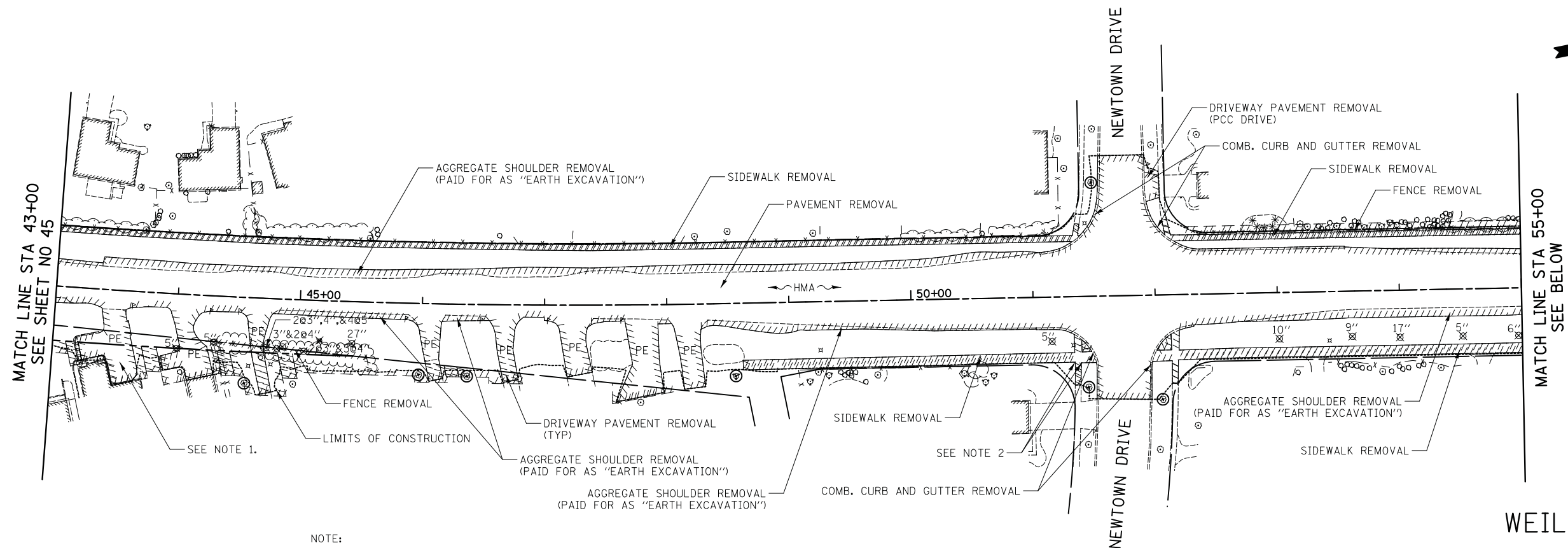
REMOVAL PLANS

SHEET NO. 1 OF 3 SHEETS STA. 17+00.0 TO STA. 43+00.0

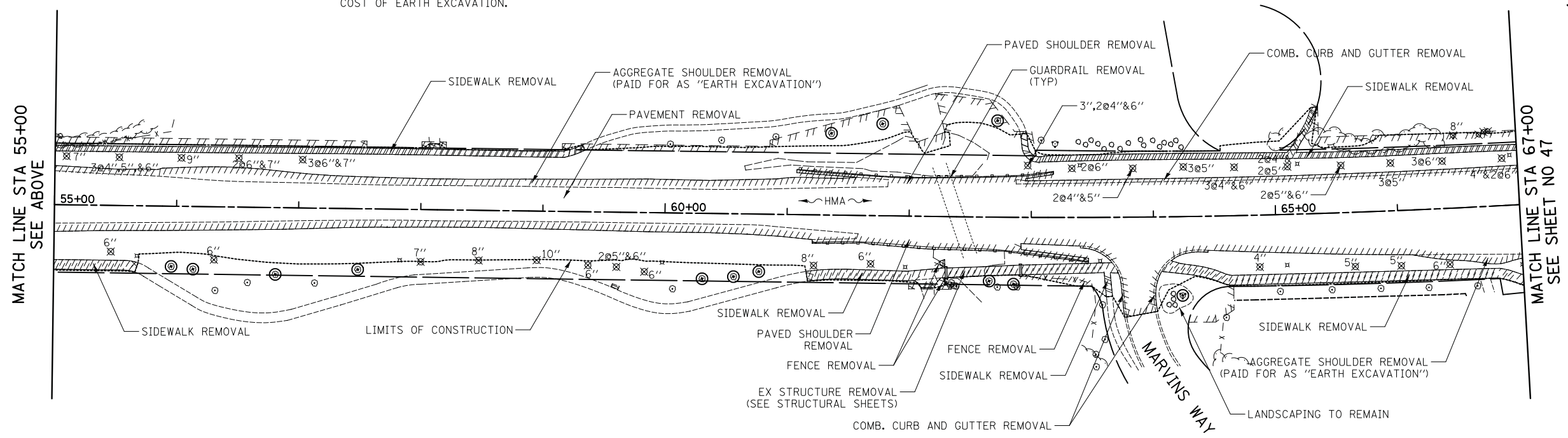
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	45
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	BY
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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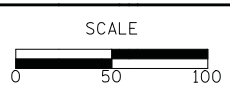
- NOTE:
- CONTRACTOR SHALL SALVAGE THE BRICKS AND USE THEM TO REESTABLISH THE DRIVEWAY. THIS WORK SHALL BE PAID FOR AS "DRIVEWAY PAVEMENT REMOVAL" AND "PAVING BRICK PAVEMENT FOR LIGHT TRAFFIC".
 - SPRINKLERS WITHIN ROADWAY ROW THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND WATER LINES CAPPED. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.



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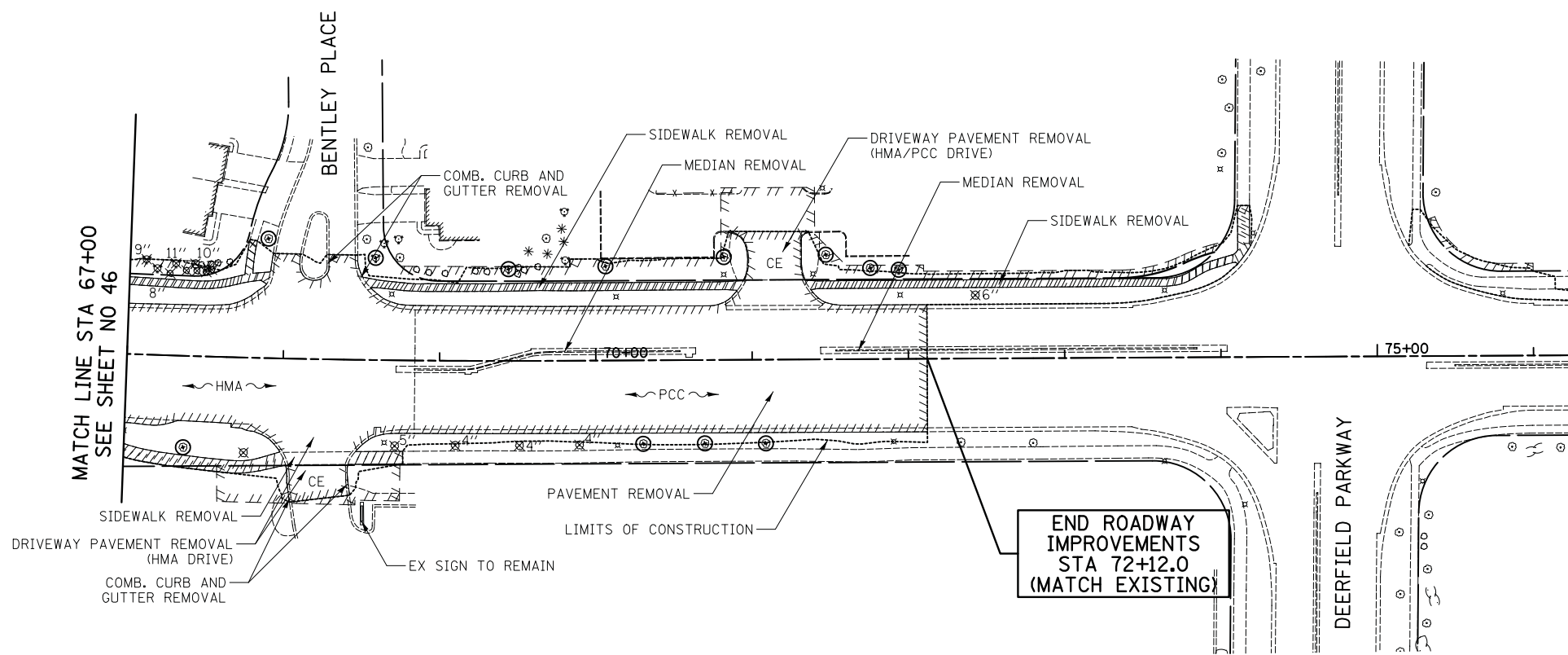
REMOVAL PLANS
 SHEET NO. 2 OF 3 SHEETS STA. 43+00.0 TO STA. 67+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	46
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FINIAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



WEILAND ROAD

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DATE - 10/8/2018	REVISED -

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REMOVAL PLANS

SHEET NO. 3 OF 3 SHEETS STA. 67+00.0 TO STA. 72+12.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	47
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

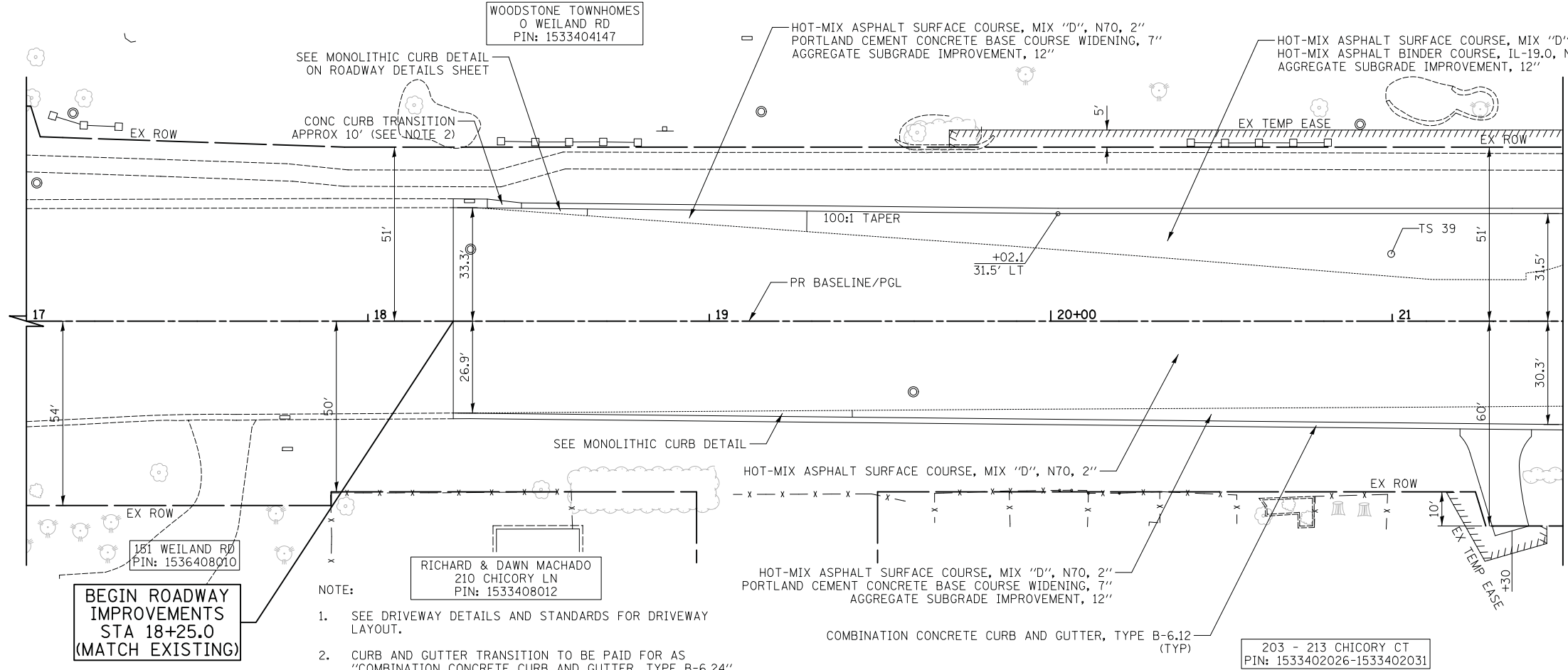


TS 39	20+99.7 19.5' LT	N2,000,085.123	E1,087,131.226	5/8" IR W/CAP SET
-------	---------------------	----------------	----------------	-------------------

GURMEET ARORA
217 WOODSTONE DR
PIN: 1533404153

LEGEND

DETECTABLE WARNING



BEGIN ROADWAY IMPROVEMENTS STA 18+25.0 (MATCH EXISTING)

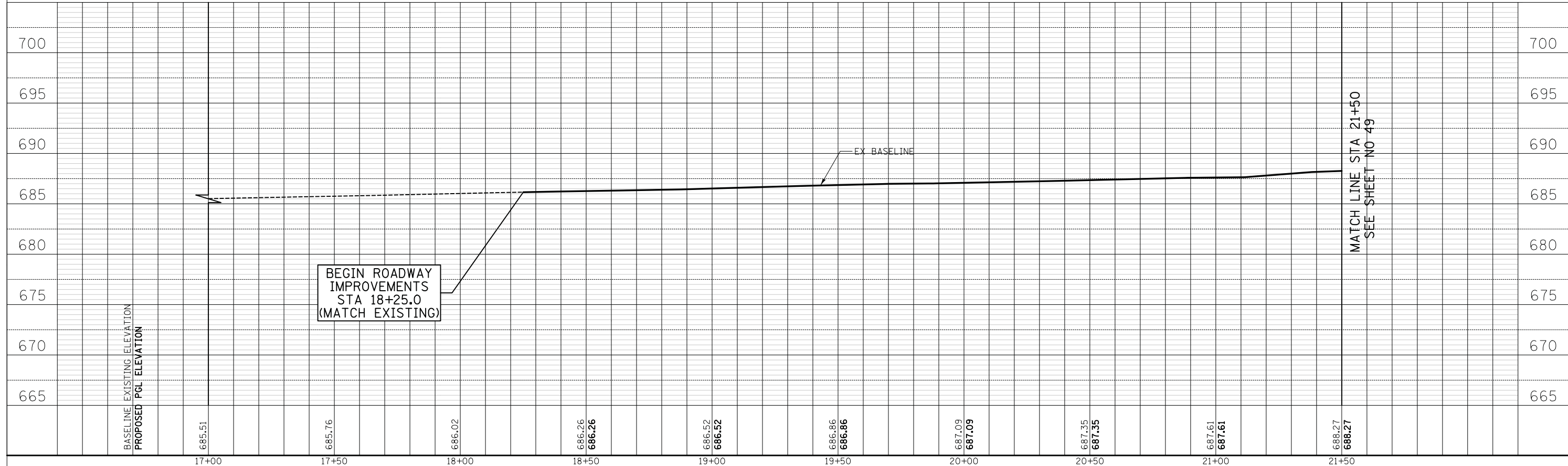
- NOTE:
- SEE DRIVEWAY DETAILS AND STANDARDS FOR DRIVEWAY LAYOUT.
 - CURB AND GUTTER TRANSITION TO BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".

MATCH LINE STA 21+50
SEE SHEET NO 49

WEILAND ROAD

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
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DATE	
BY	
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PLOTTED	
TEMPLATE	
AREAS CHECKED	
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MATCH LINE STA 21+50
SEE SHEET NO 49

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DATE - 10/8/2018	REVISED -

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PLAN AND PROFILE

SHEET NO. 1 OF 12 SHEETS STA. 17+00.0 TO STA. 21+50.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	48
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



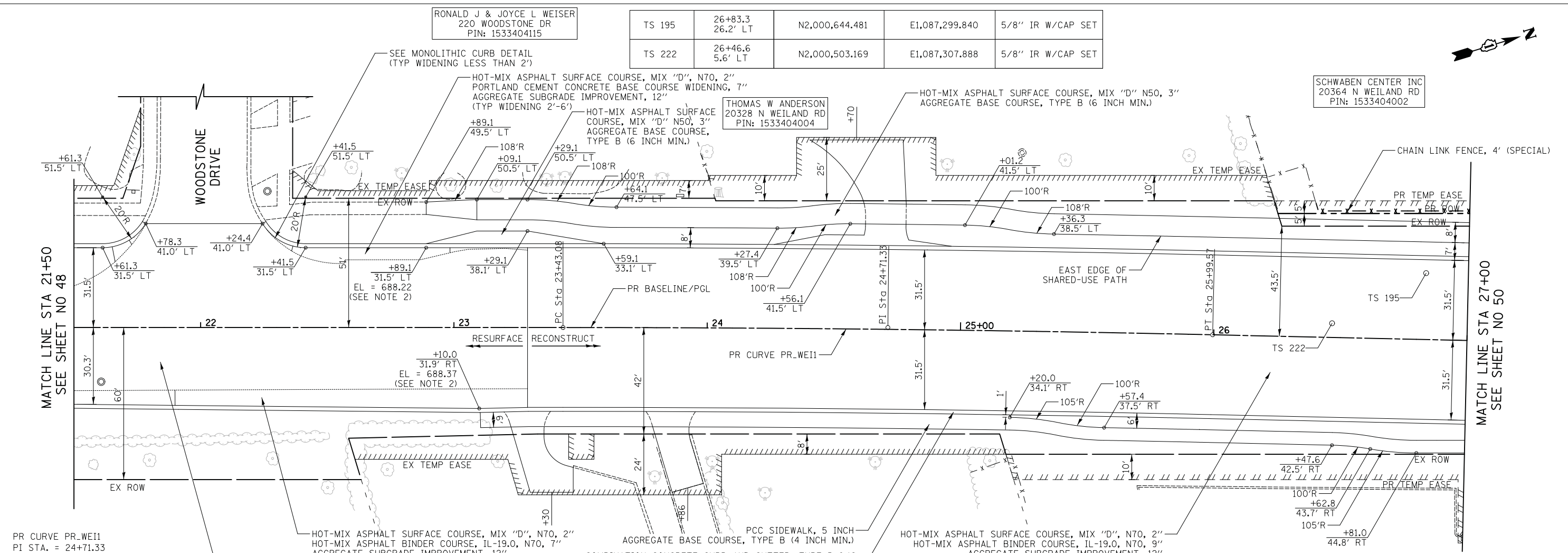
TS 195	26+83.3 26.2' LT	N2,000,644.481	E1,087,299.840	5/8" IR W/CAP SET
TS 222	26+46.6 5.6' LT	N2,000,503.169	E1,087,307.888	5/8" IR W/CAP SET

SCHWABEN CENTER INC
20364 N WEILAND RD
PIN: 1533404002

THOMAS W ANDERSON
20328 N WEILAND RD
PIN: 1533404004

RONALD J & JOYCE L WEISER
220 WOODSTONE DR
PIN: 1533404115

DATE	
BY	
NO.	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



PR CURVE PR.WE11
PI STA. = 24+71.33
 $\Delta = 1^\circ 16' 40''$ (RT)
 $D = 0^\circ 29' 54''$
 $R = 11,500.00'$
 $T = 128.25'$
 $L = 256.49'$
 $E = 0.72'$
P.C. STA = 23+43.08
P.T. STA = 25+99.57

PARMINDER S &
SUKHWINDER K BAJWA
251 WEILAND RD
PIN: 1533402126

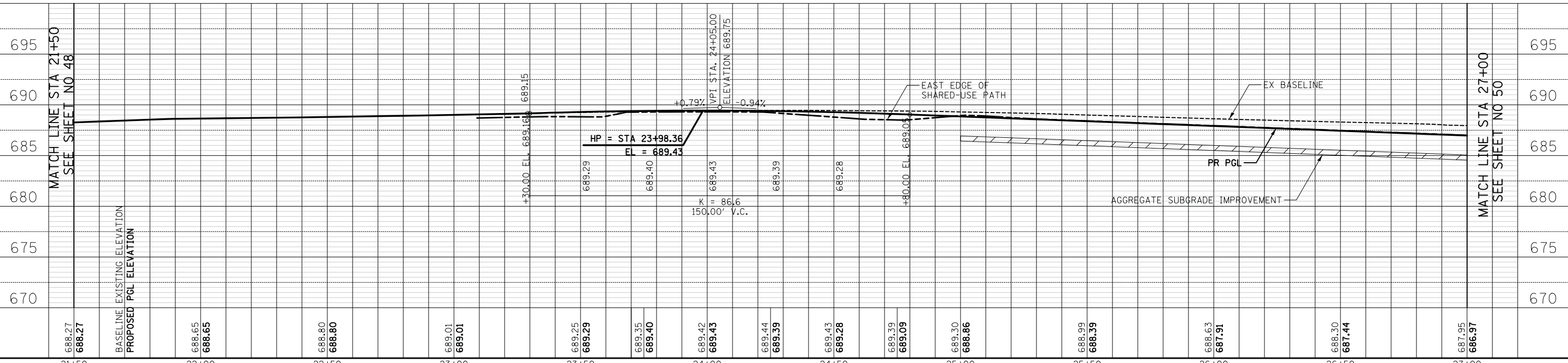
HO LEE
20287 N WEILAND RD
PIN: 1533402024

URSULA M BOEZIO
20311 N WEILAND RD
PIN: 1533402023

SCHWABEN CENTER INC
301 WEILAND RD
PIN: 1533402111

- NOTE:
- SEE DRIVEWAY DETAILS FOR DRIVEWAY LAYOUT.
 - EDGE OF PAVEMENT ELEVATIONS AT 22+89.1 LT AND 23+10.0 RT TO MATCH ELEVATIONS OF THE FUTURE LAKE COOK ROAD PROJECT (SECTION #14-A5015-03-RP) AS SHOWN. A QUANTITY OF "LEVELING BINDER (MACHINE METHOD), N70" HAS BEEN INCLUDED TO PROVIDE FOR ELEVATION ADJUSTMENT.

DATE	
BY	
NO.	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



688.27 688.27	688.65 688.65	688.80 688.80	689.01 689.01	689.25 689.29	689.35 689.40	689.42 689.43	689.44 689.39	689.43 689.28	689.39 689.09	689.30 688.86	688.99 688.39	688.63 687.91	688.30 687.44	687.95 686.97
21+50	22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00			

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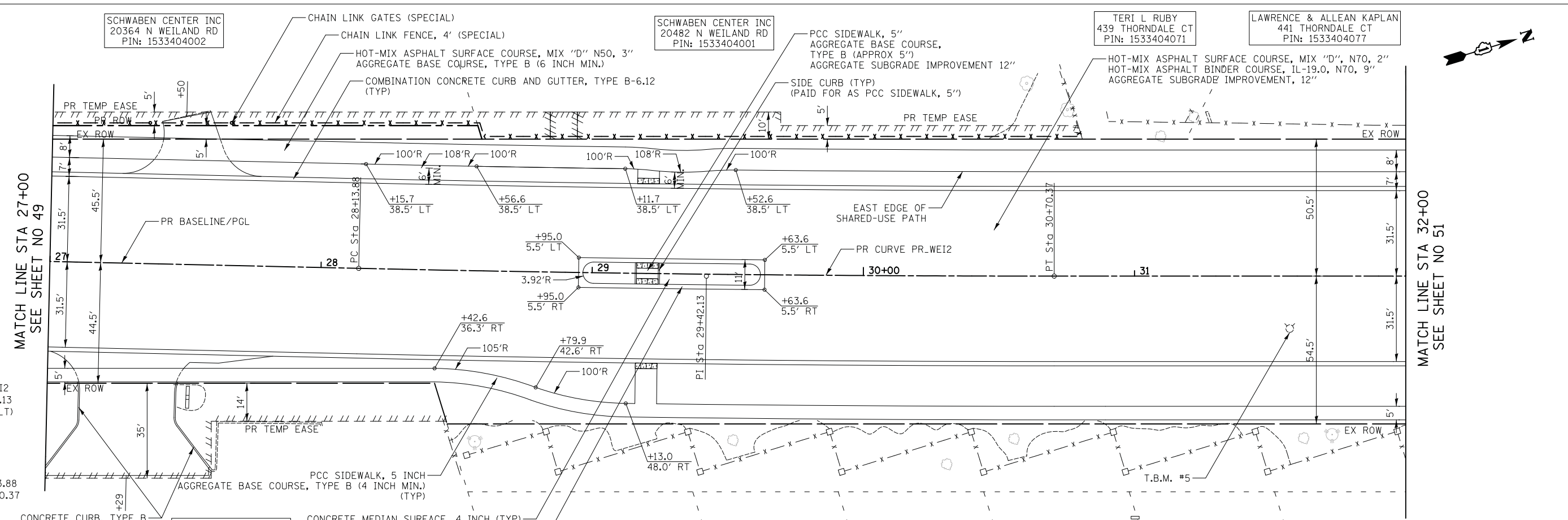
PLAN AND PROFILE

SHEET NO. 2 OF 12 SHEETS STA. 21+50.0 TO STA. 27+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	49
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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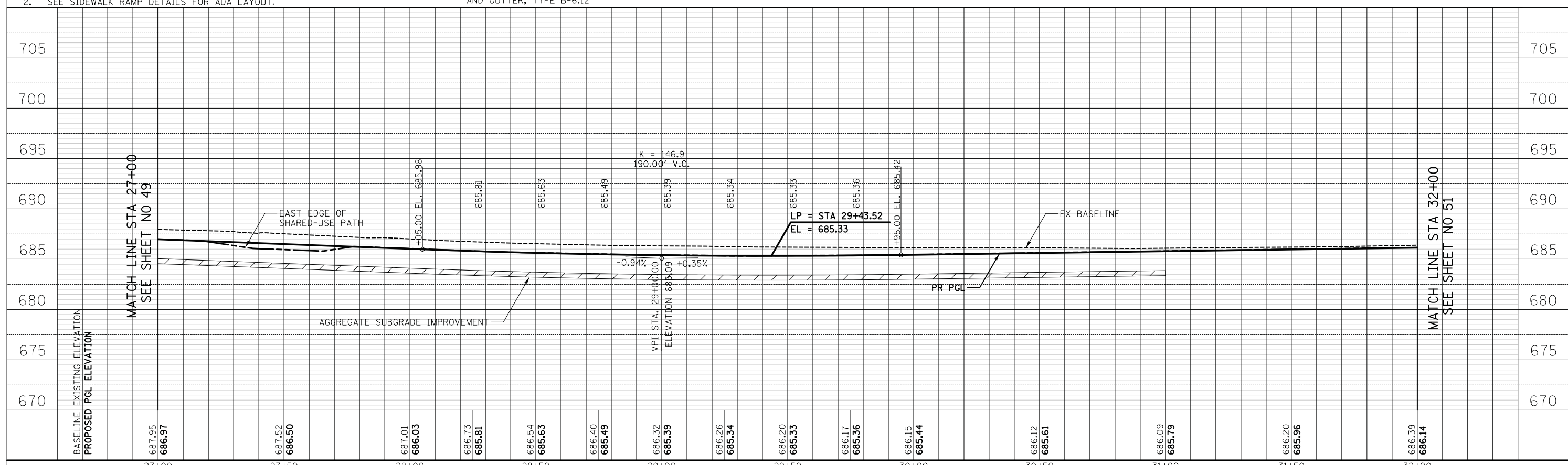
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



PR CURVE PR_WEI2
 PI STA. = 29+42.13
 $\Delta = 1^\circ 16' 40''$ (LT)
 $D = 0^\circ 29' 54''$
 $R = 11,500.00'$
 $T = 128.25'$
 $L = 256.49'$
 $E = 0.72'$
 P.C. STA = 28+13.88
 P.T. STA = 30+70.37

- NOTE:
- SEE DRIVEWAY DETAILS AND STANDARDS FOR DRIVEWAY LAYOUT.
 - SEE SIDEWALK RAMP DETAILS FOR ADA LAYOUT.

T.B.M. #5	31+57.0 18.4' RT	CROSS CUT (SET) IN NORTHEAST FLANGE BOLT OF FIRE HYDRANT ON EAST SIDE OF WEILAND ROAD FIRST FIRE HYDRANT SOUTH OF PAULINE AVENUE.	685.86
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STATION	BASELINE EXISTING ELEVATION	PROPOSED PGL ELEVATION
27+00	687.95	686.97
27+50	687.52	686.50
28+00	687.01	686.03
28+50	686.54	685.63
29+00	686.32	685.39
29+50	686.20	685.33
30+00	686.15	685.44
30+50	686.12	685.61
31+00	686.09	685.79
31+50	686.20	685.96
32+00	686.39	686.14

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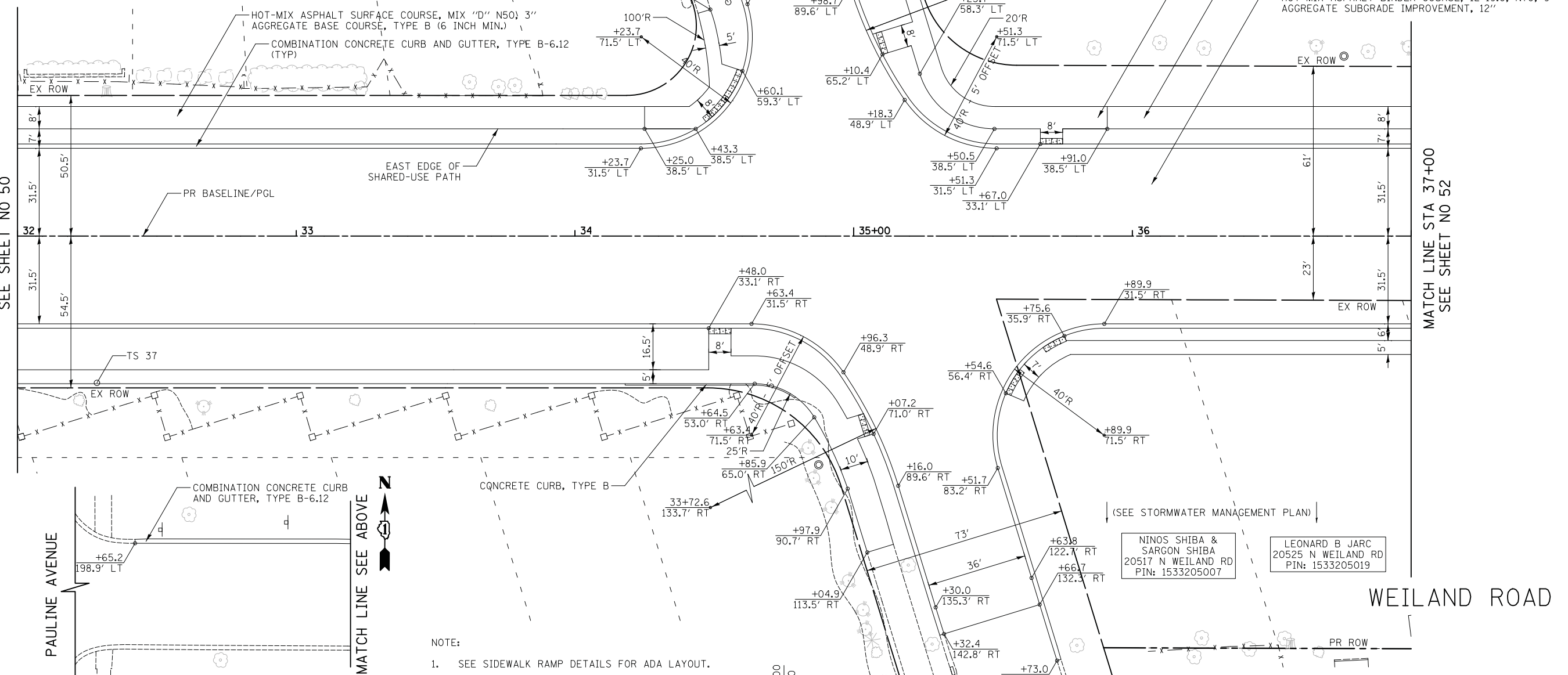


PLAN AND PROFILE
 SHEET NO. 3 OF 12 SHEETS STA. 27+00.0 TO STA. 32+00.0

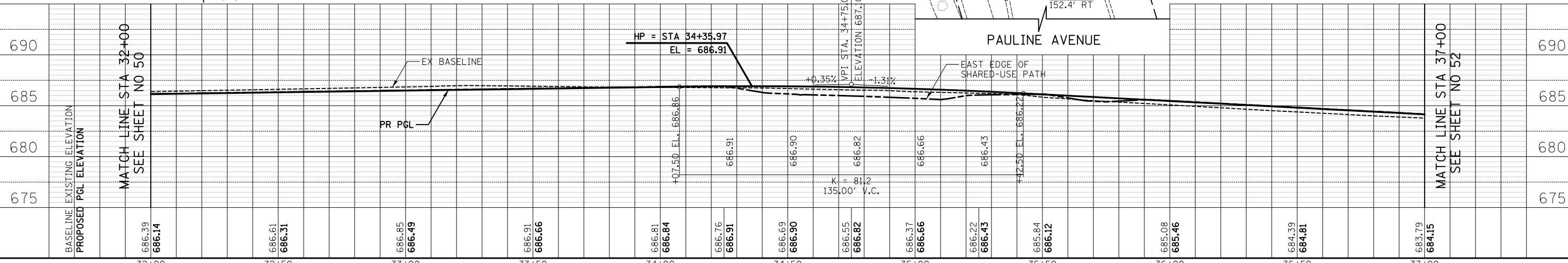
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	50
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TS 36	34+55.0 84.0' LT	N2,001,397.166	E1,087,474.996	5/8" IR/CAP
TS 37	32+28.5 52.7' RT	N2,001,140.578	E1,087,539.736	X-CUT IN WALK

VINCENT E & PATRICIA A PARRO, II 443 THORNDALE CT PIN: 1533404076	JOSEPH & EMMA DRAGILEV 445 THORNDALE CT PIN: 1533404063	SERA CHOI, TRUSTEE 447 THORNDALE CT PIN: 1533404062	KOREAN CHRISTIAN REFORMED CHURCH 449 THORNDALE CT PIN: 1533404061	KATHIE L LARSON 451 THORNDALE CT PIN: 1533404060
--	--	---	--	--



NOTE:
1. SEE SIDEWALK RAMP DETAILS FOR ADA LAYOUT.



DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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PLAN AND PROFILE

SHEET NO. 4 OF 12 SHEETS STA. 32+00.0 TO STA. 37+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	51
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

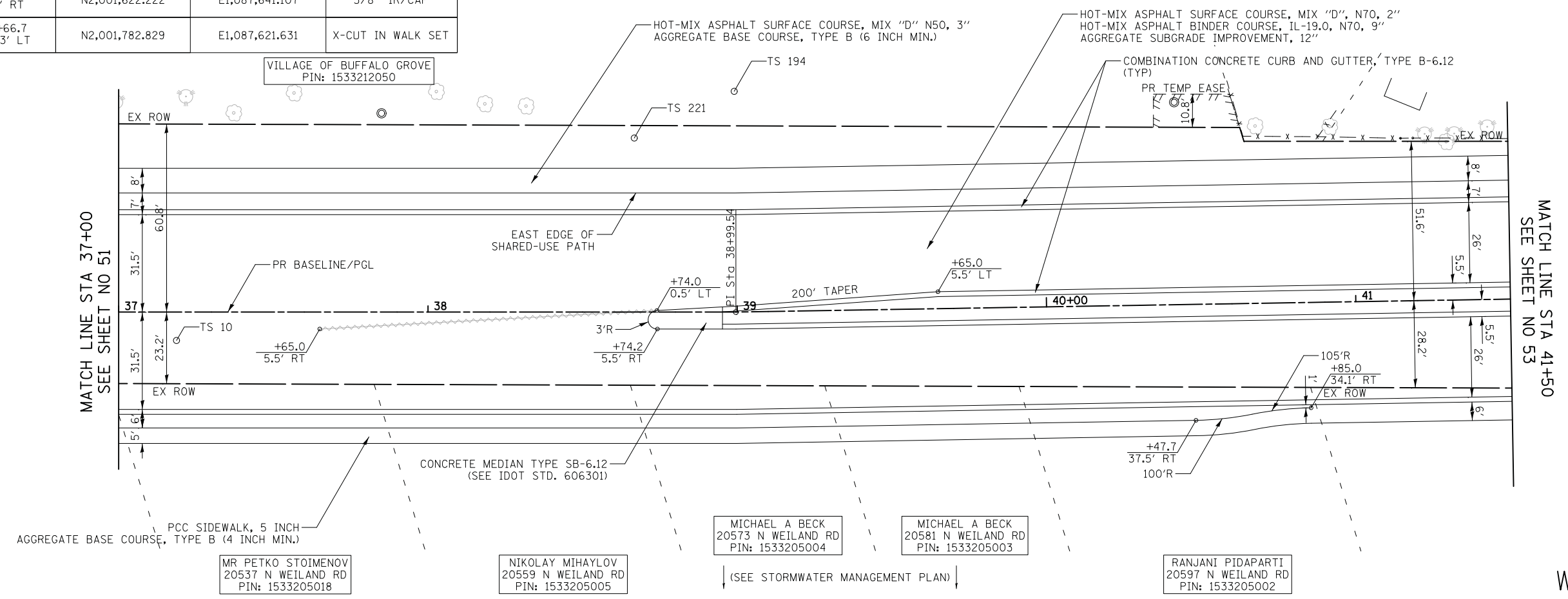
TS 194	39+00.2 71.4' LT	N2,001,818.138	E1,087,616.564	5/8" IR W/CAP SET
TS 10	37+18.7 9.2' RT	N2,001,622.222	E1,087,641.107	5/8" IR/CAP
TS 221	38+66.7 56.3' LT	N2,001,782.829	E1,087,621.631	X-CUT IN WALK SET

WAYNE & SUSAN L EDELMAN
559 COBBLESTONE LN
PIN: 1533212031

JOSE CADIZ
565 COBBLESTONE LN
PIN: 1533212017



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
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MR PETKO STOIMENOV
20537 N WEILAND RD
PIN: 1533205018

NIKOLAY MIHAYLOV
20559 N WEILAND RD
PIN: 1533205005

MICHAEL A BECK
20573 N WEILAND RD
PIN: 1533205004

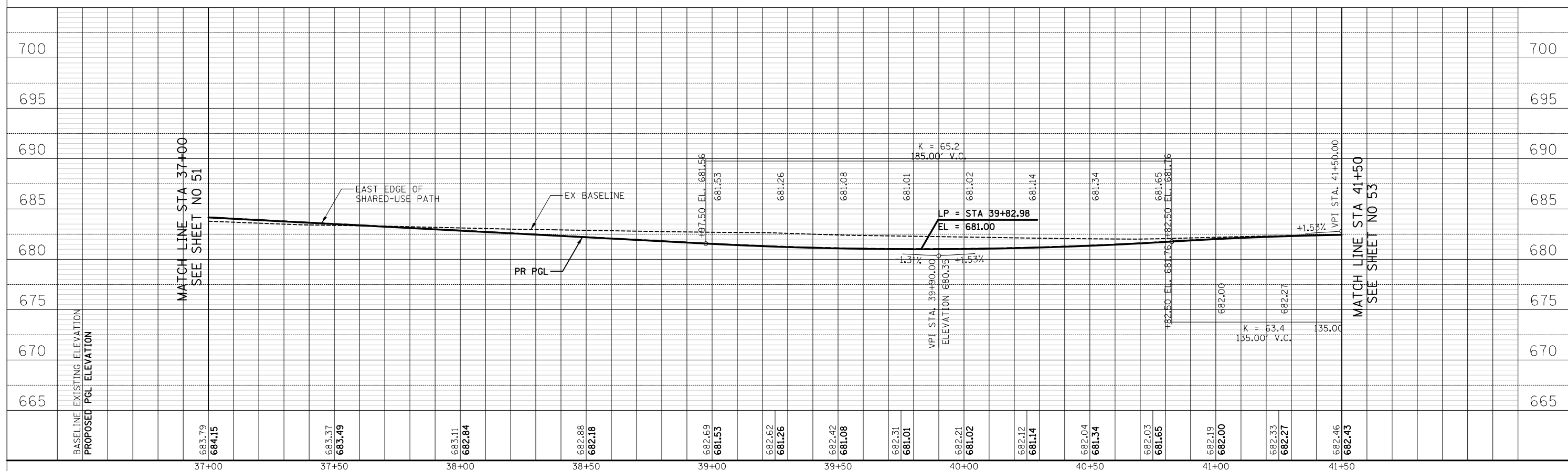
MICHAEL A BECK
20581 N WEILAND RD
PIN: 1533205003

RANJANI PIDAPARTI
20597 N WEILAND RD
PIN: 1533205002

(SEE STORMWATER MANAGEMENT PLAN)

WEILAND ROAD

DATE	
BY	
SURVEYED	
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TEMPLATE	
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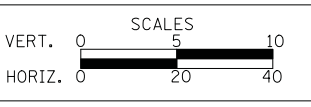
BASELINE EXISTING ELEVATION	683.79	683.37	683.11	682.88	682.69	682.62	682.42	682.31	682.21	682.12	682.04	682.03	682.19	682.33	682.46	700
PROPOSED PGL ELEVATION	684.15	683.49	682.84	682.18	681.53	681.26	681.08	681.01	681.02	681.14	681.34	681.65	682.00	682.27	682.43	700
	37+00	37+50	38+00	38+50	39+00	39+50	40+00	40+50	41+00	41+50						

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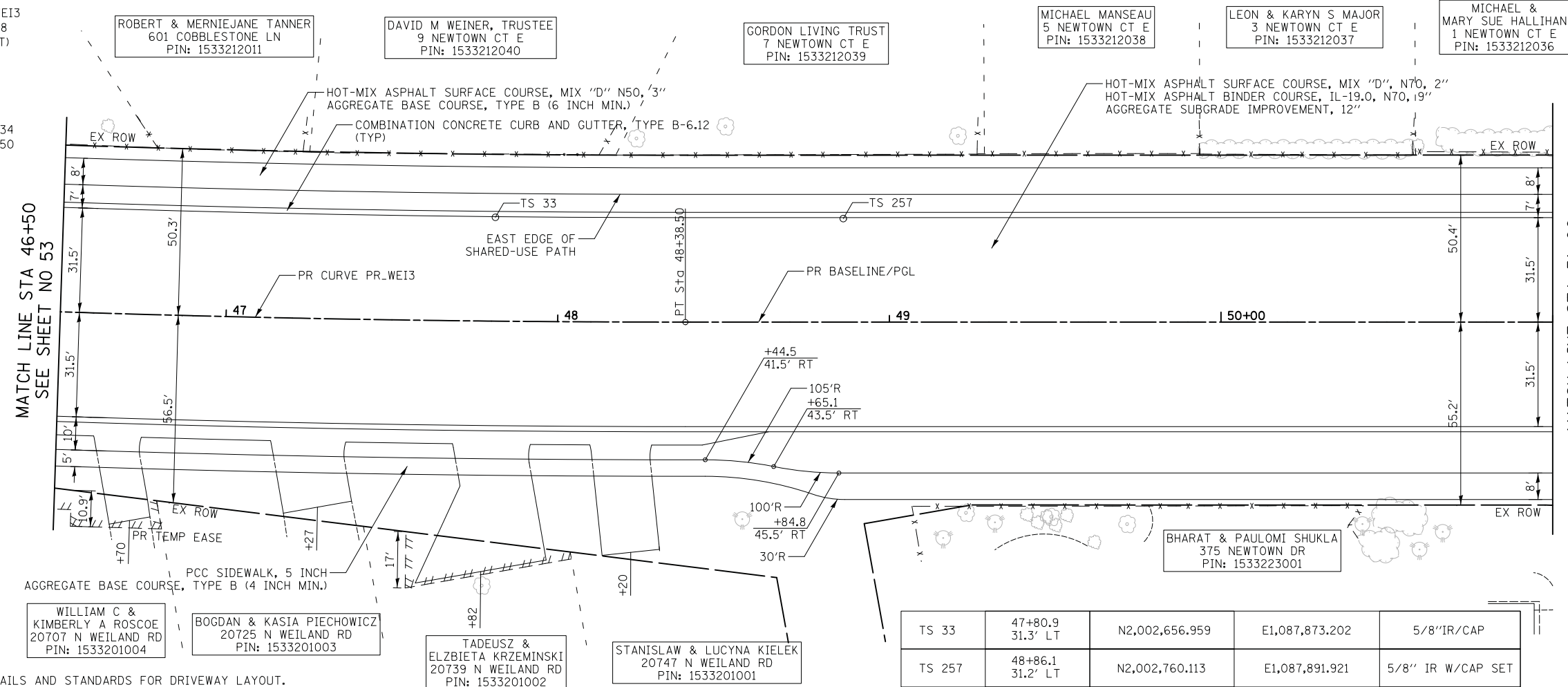
PLAN AND PROFILE

SHEET NO. 5 OF 12 SHEETS STA. 37+00.0 TO STA. 41+50.0

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	52
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PROP. CURVE PR_WEI3
 PI STA. = 45+42.68
 $\Delta = 5^\circ 54' 57''$ (LT)
 $D = 0^\circ 59' 57''$
 $R = 5,735.08'$
 $T = 296.34'$
 $L = 592.16'$
 $E = 7.65'$
 P.C. STA = 42+46.34
 P.T. STA = 48+38.50

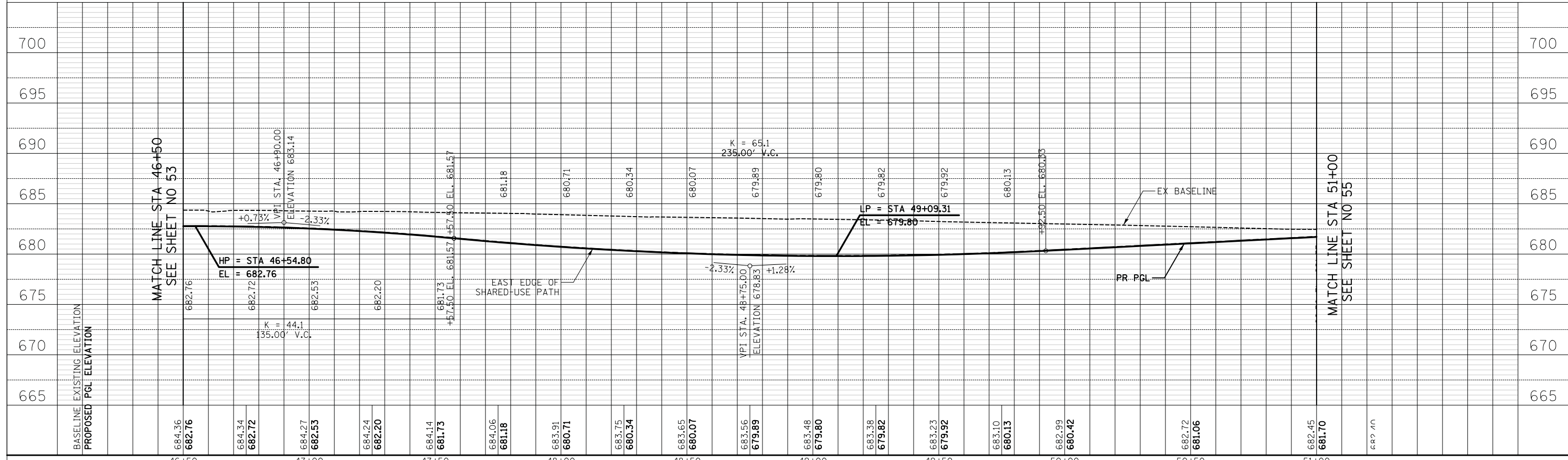


DATE	
BY	
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FINAL SURVEY	
NO. SURVEY	
NO. PLOTTED	
NO. TEMPLATE	
NO. AREAS CHECKED	

NOTE:
 1. SEE DRIVEWAY DETAILS AND STANDARDS FOR DRIVEWAY LAYOUT.

TS 33	47+80.9 31.3' LT	N2,002,656.959	E1,087,873.202	5/8" IR/CAP
TS 257	48+86.1 31.2' LT	N2,002,760.113	E1,087,891.921	5/8" IR W/CAP SET

DATE	
BY	
NO.	
ORIGINAL SURVEY	
NO. SURVEY	
NO. PLOTTED	
NO. TEMPLATE	
NO. AREAS CHECKED	



BASELINE EXISTING ELEVATION	684.36	682.76	684.34	682.72	684.27	682.53	684.24	682.20	684.14	681.73	681.73	681.18	681.18	680.71	680.34	680.34	680.07	680.07	679.89	679.89	679.80	679.80	679.82	679.82	679.92	679.92	683.10	680.13	682.99	680.42	682.72	681.06	682.45	681.70	682.45	681.70
PROPOSED PGL ELEVATION	684.36	682.76	684.34	682.72	684.27	682.53	684.24	682.20	684.14	681.73	681.73	681.18	681.18	680.71	680.34	680.34	680.07	680.07	679.89	679.89	679.80	679.80	679.82	679.82	679.92	679.92	683.10	680.13	682.99	680.42	682.72	681.06	682.45	681.70	682.45	681.70

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PLAN AND PROFILE

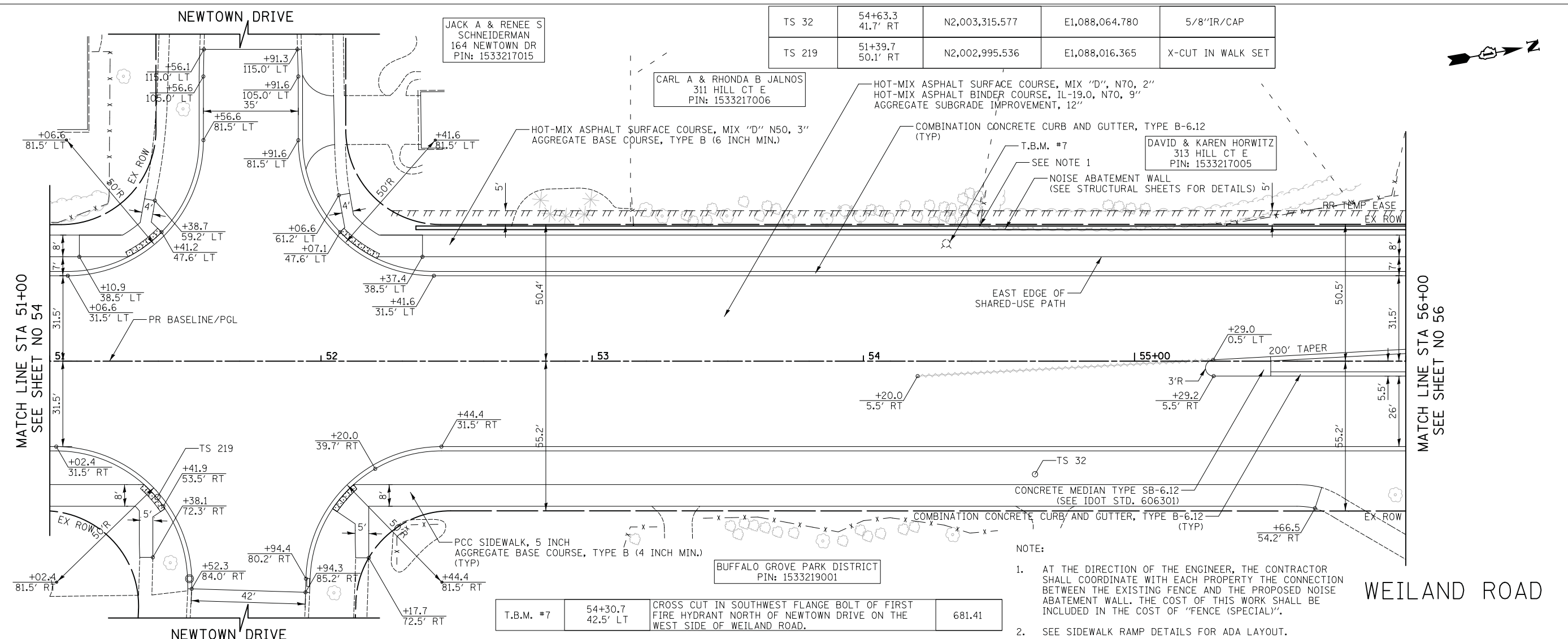
SHEET NO. 7 OF 12 SHEETS STA. 46+50.0 TO STA. 51+00.0

F.A.U. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	54
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



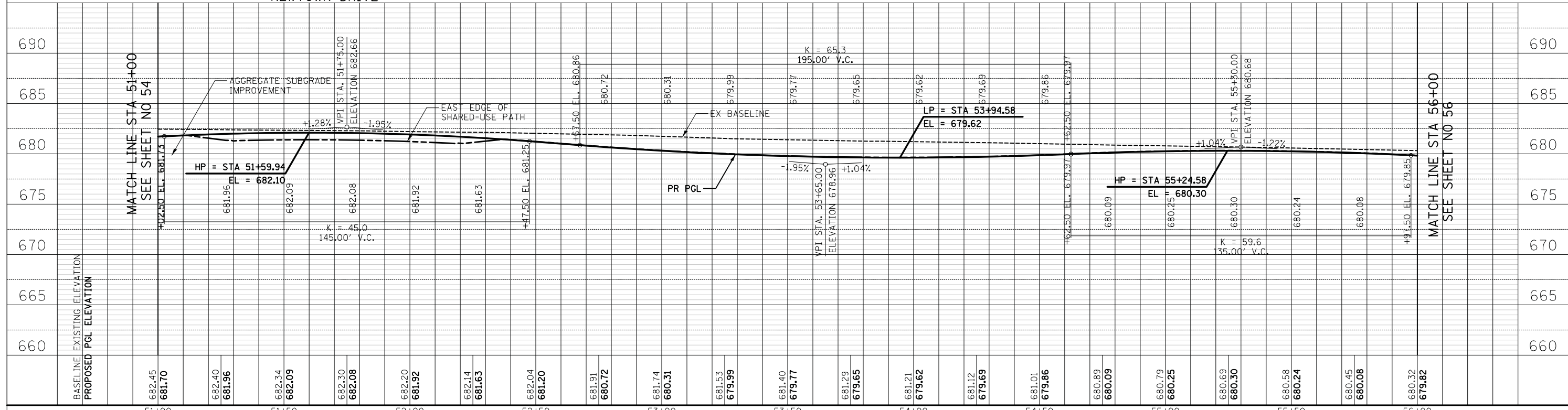
DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



- NOTE:
- AT THE DIRECTION OF THE ENGINEER, THE CONTRACTOR SHALL COORDINATE WITH EACH PROPERTY THE CONNECTION BETWEEN THE EXISTING FENCE AND THE PROPOSED NOISE ABATEMENT WALL. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF "FENCE (SPECIAL)".
 - SEE SIDEWALK RAMP DETAILS FOR ADA LAYOUT.

T.B.M. #7	54+30.7 42.5' LT	CROSS CUT IN SOUTHWEST FLANGE BOLT OF FIRST FIRE HYDRANT NORTH OF NEWTOWN DRIVE ON THE WEST SIDE OF WEILAND ROAD.	681.41
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BASELINE EXISTING ELEVATION	682.45	681.70	682.40	681.96	682.34	682.09	682.30	682.08	682.20	681.92	681.63	682.04	681.20	681.91	680.72	681.74	680.31	681.53	679.99	681.40	679.77	681.29	679.65	681.21	679.62	681.12	679.69	681.01	679.86	680.89	680.09	680.79	680.25	680.69	680.30	680.58	680.24	680.45	680.08	680.32	679.82
PROPOSED PGL ELEVATION	681.70	681.96	682.09	682.08	681.92	681.63	681.20	681.20	681.92	681.63	681.20	681.20	681.20	681.91	680.72	681.74	680.31	681.53	679.99	681.40	679.77	681.29	679.65	681.21	679.62	681.12	679.69	681.01	679.86	680.89	680.09	680.79	680.25	680.69	680.30	680.58	680.24	680.45	680.08	680.32	679.82

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DATE - 10/8/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PLAN AND PROFILE

SHEET NO. 8 OF 12 SHEETS STA. 51+00.0 TO STA. 56+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	55
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

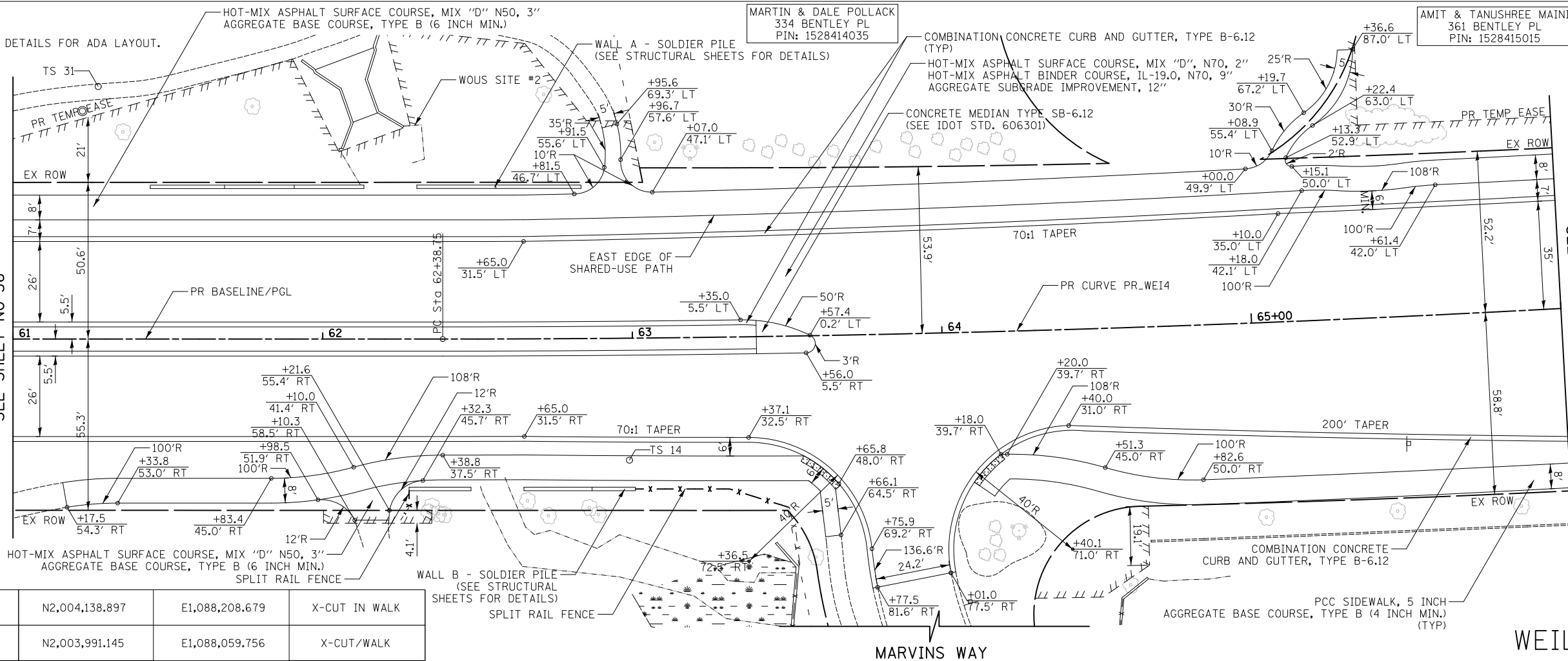
NOTE:

1. SEE SIDEWALK RAMP DETAILS FOR ADA LAYOUT.

DATE	
BY	
FINISHED SURVEY PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

MATCH LINE STA 61+00
SEE SHEET NO 56

MATCH LINE STA 66+00
SEE SHEET NO 58



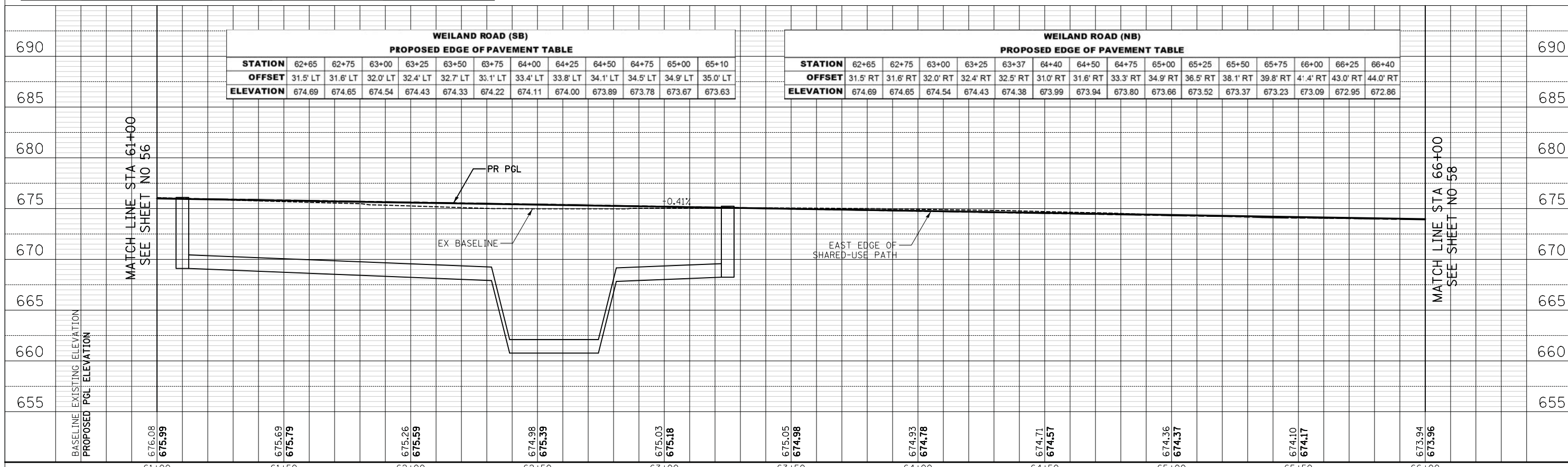
TS 14	62+98.7 39.4' RT	N2,004,138.897	E1,088,208.679	X-CUT IN WALK
TS 31	61+27.5 81.6' LT	N2,003,991.145	E1,088,059.756	X-CUT/WALK

PR CURVE PR_WE14
PI STA. = 66+09.71
Δ = 6° 25' 48" (LT)
D = 0° 52' 03"
R = 6,603.88'
T = 370.95'
L = 741.13'
E = 10.41'
P.C. STA = 62+38.75
P.T. STA = 69+79.88

DATE	
BY	
ORIGINAL SURVEY PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

MATCH LINE STA 61+00
SEE SHEET NO 56

MATCH LINE STA 66+00
SEE SHEET NO 58



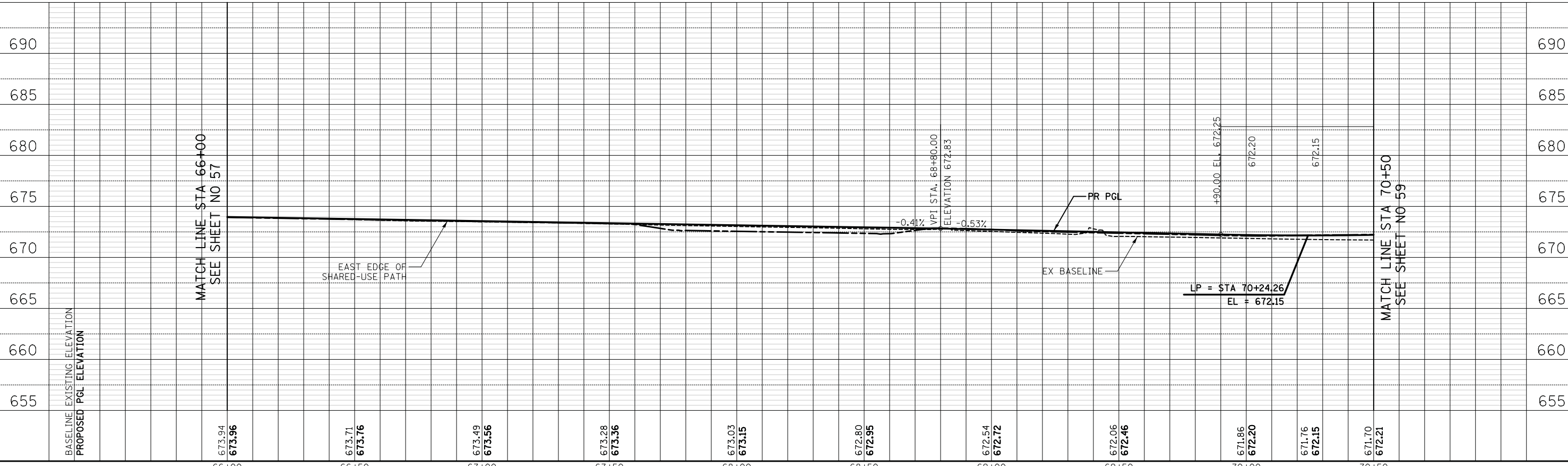
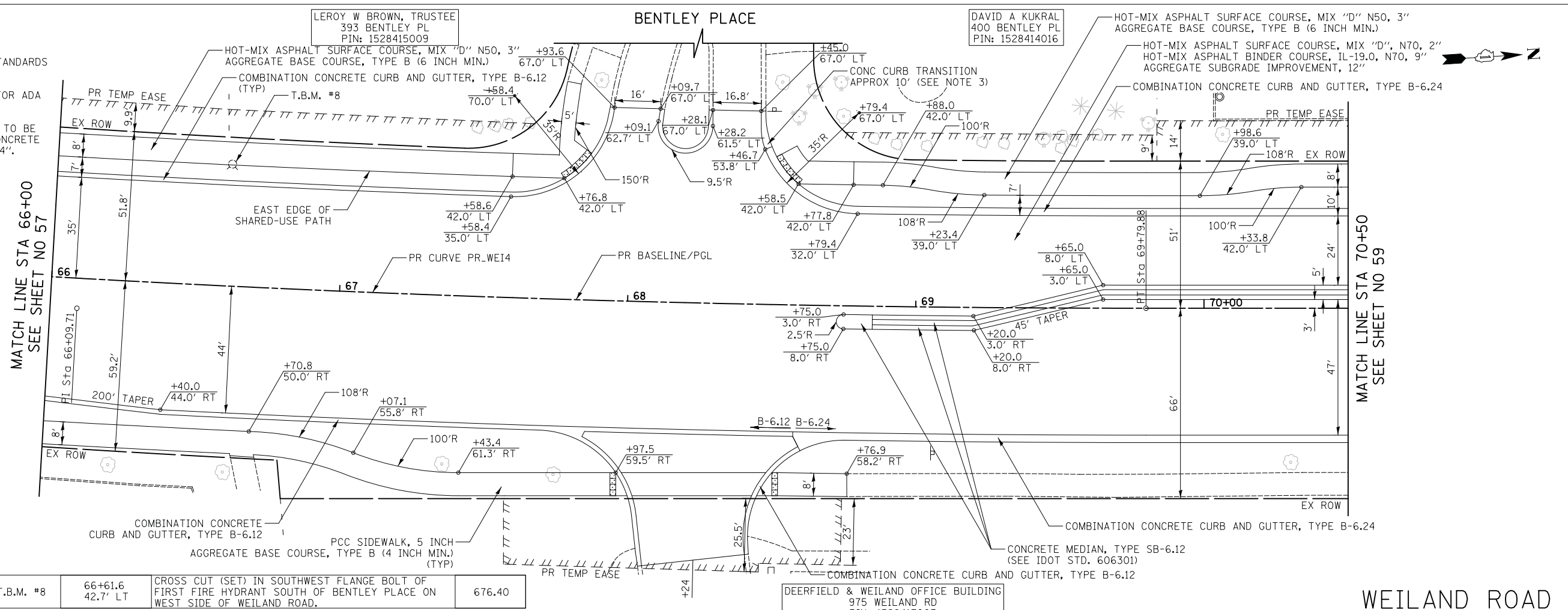
WEILAND ROAD (SB)												
PROPOSED EDGE OF PAVEMENT TABLE												
STATION	62+65	62+75	63+00	63+25	63+50	63+75	64+00	64+25	64+50	64+75	65+00	65+10
OFFSET	31.5' LT	31.6' LT	32.0' LT	32.4' LT	32.7' LT	33.1' LT	33.4' LT	33.8' LT	34.1' LT	34.5' LT	34.9' LT	35.0' LT
ELEVATION	674.69	674.65	674.54	674.43	674.33	674.22	674.11	674.00	673.89	673.78	673.67	673.63

WEILAND ROAD (NB)															
PROPOSED EDGE OF PAVEMENT TABLE															
STATION	62+65	62+75	63+00	63+25	63+37	64+40	64+50	64+75	65+00	65+25	65+50	65+75	66+00	66+25	66+40
OFFSET	31.5' RT	31.6' RT	32.0' RT	32.4' RT	32.5' RT	31.0' RT	31.6' RT	33.3' RT	34.9' RT	36.5' RT	38.1' RT	39.8' RT	41.4' RT	43.0' RT	44.0' RT
ELEVATION	674.69	674.65	674.54	674.43	674.38	673.99	673.94	673.80	673.66	673.52	673.37	673.23	673.09	672.95	672.86

- NOTE:
- SEE DRIVEWAY DETAILS AND STANDARDS FOR DRIVEWAY LAYOUT.
 - SEE SIDEWALK RAMP DETAILS FOR ADA LAYOUT.
 - CURB AND GUTTER TRANSITION TO BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
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DEPARTMENT OF TRANSPORTATION**



PLAN AND PROFILE

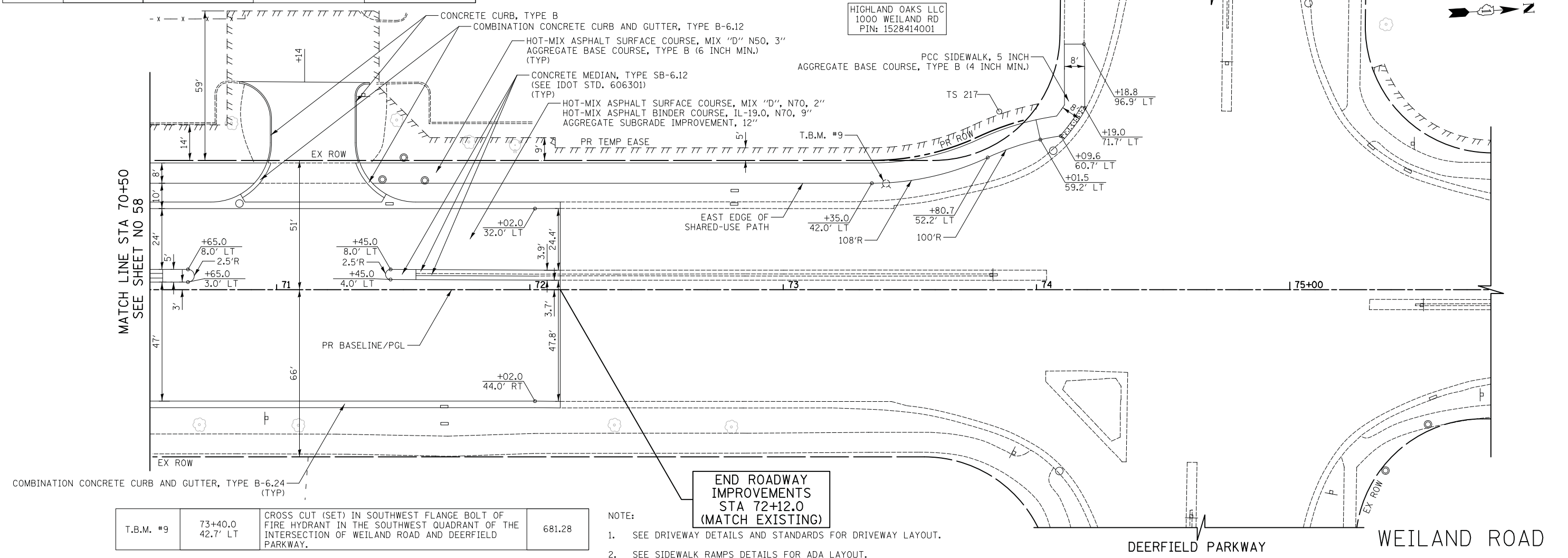
SHEET NO. 11 OF 12 SHEETS STA. 66+00.0 TO STA. 70+50.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	58
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

HIGHLAND OAKS LLC
1000 WEILAND RD
PIN: 1528414001

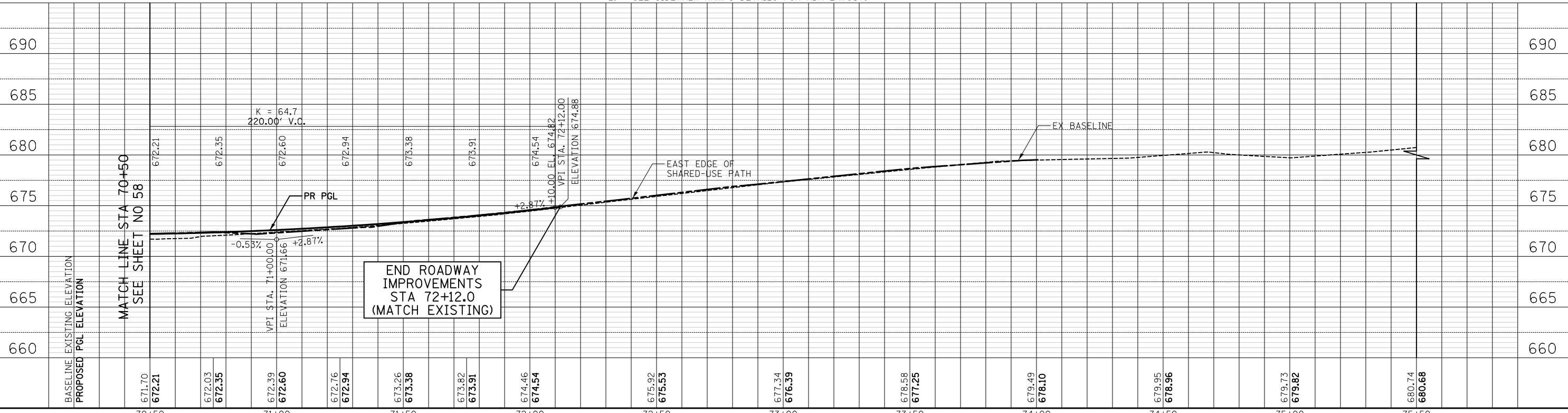
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



T.B.M. #9	73+40.0 42.7' LT	CROSS CUT (SET) IN SOUTHWEST FLANGE BOLT OF FIRE HYDRANT IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF WEILAND ROAD AND DEERFIELD PARKWAY.	681.28
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- NOTE:
- SEE DRIVEWAY DETAILS AND STANDARDS FOR DRIVEWAY LAYOUT.
 - SEE SIDEWALK RAMPS DETAILS FOR ADA LAYOUT.



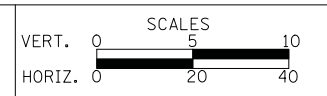
BASELINE EXISTING ELEVATION	671.70	672.21	672.03	672.35	672.39	672.60	672.94	673.26	673.38	673.82	673.91	674.46	674.54	675.92	675.53	677.34	676.39	678.58	677.25	679.49	678.10	679.95	678.96	679.73	679.82	680.74	680.68
PROPOSED PGL ELEVATION	672.21	672.35	672.60	672.94	673.38	673.91	674.54	675.53	676.39	677.25	678.10	678.96	679.82	680.68													

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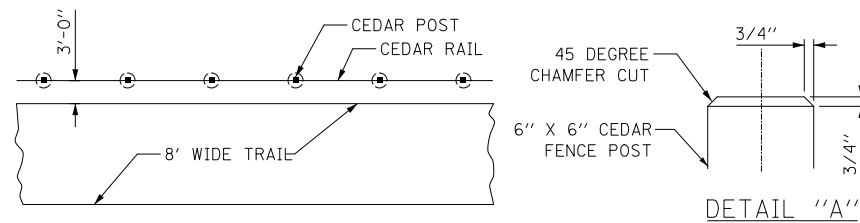
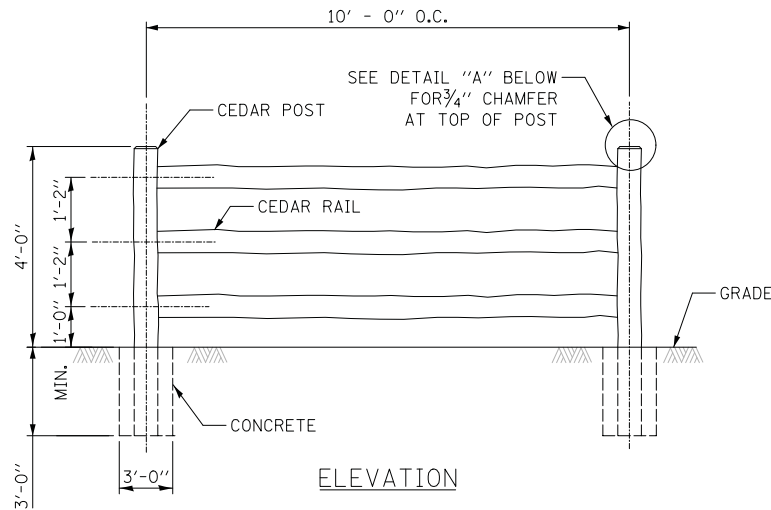
PLAN AND PROFILE

SHEET NO. 12 OF 12 SHEETS STA. 70+50.0 TO STA. 72+12.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	59
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.		FINISH	NOTE BOOK		

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
NO.		ORIGINAL	NOTE BOOK		

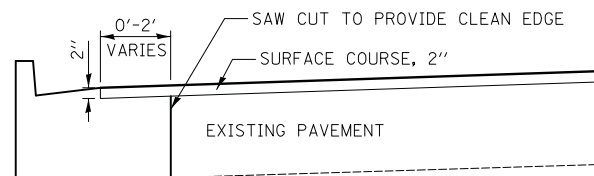


PLAN
ALONG TRAIL

CEDAR SPLIT RAIL FENCE (3-RAIL) DETAILS
N.T.S.

NOTE:

1. CONTRACTOR SHALL SUBMIT AND PROVIDE DATA FOR FENCE POSTS, RAILS, MESH.
2. PRIOR TO INSTALLATION OF THE FENCE, SAMPLES OF THE POSTS, RAILS, AND ALL ACCESSORIES SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL.

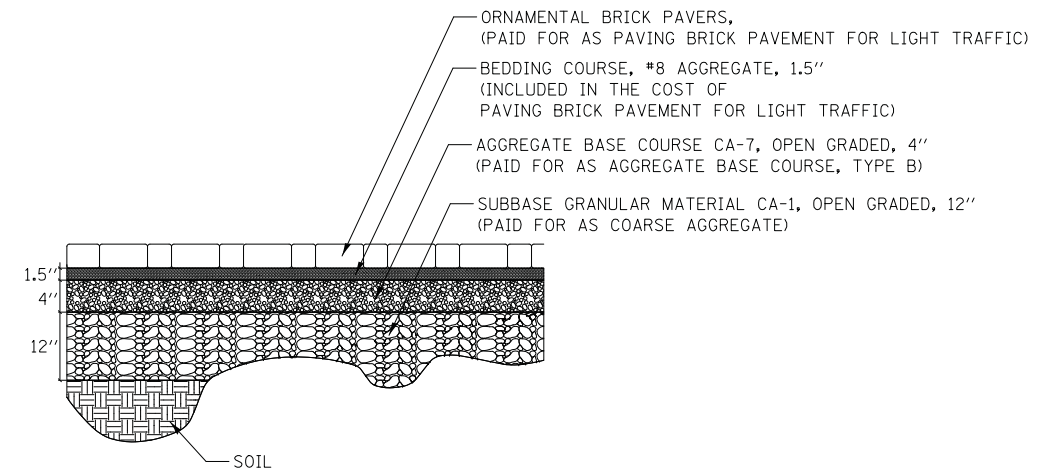


MONOLITHIC CURB DETAIL

AT LOCATIONS WHERE WIDENING IS 2' OR LESS

NOTE:

1. AT LOCATIONS WHERE WIDENING IS 2' OR LESS - POURED MONOLITHIC WITH CURB. COST FOR PROVIDING MONOLITHIC CURB SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER.
2. AT LOCATIONS WHERE WIDENING IS 2' TO 6' THERE SHALL BE A NON-MONOLITHIC PCC BASE COURSE.
3. AT LOCATIONS WHERE WIDENING IS GREATER THAN 6', HMA PAVEMENT WILL BE CONSTRUCTED, UNLESS OTHERWISE SHOWN ON THE PLANS.



BRICK DRIVEWAY DETAIL

N.T.S.

NOTE:

1. REMAINING BRICKS SHALL BE DISPOSED OF IN ACCORDANCE WITH THE ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. IF NEW BRICKS WILL NEED TO BE FURNISHED THEY SHALL BE IDENTICAL TO THE EXISTING BRICKS. THE COST OF FURNISHING NEW BRICKS SHALL BE PAID FOR AS "PAVING BRICK PAVEMENT FOR LIGHT TRAFFIC" MEASURED IN PLACE.
2. BRICK LAYOUT SHALL BE TO THE SATISFACTION OF THE ENGINEER AND IN COORDINATION WITH THE PROPERTY OWNER.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NO SCALE

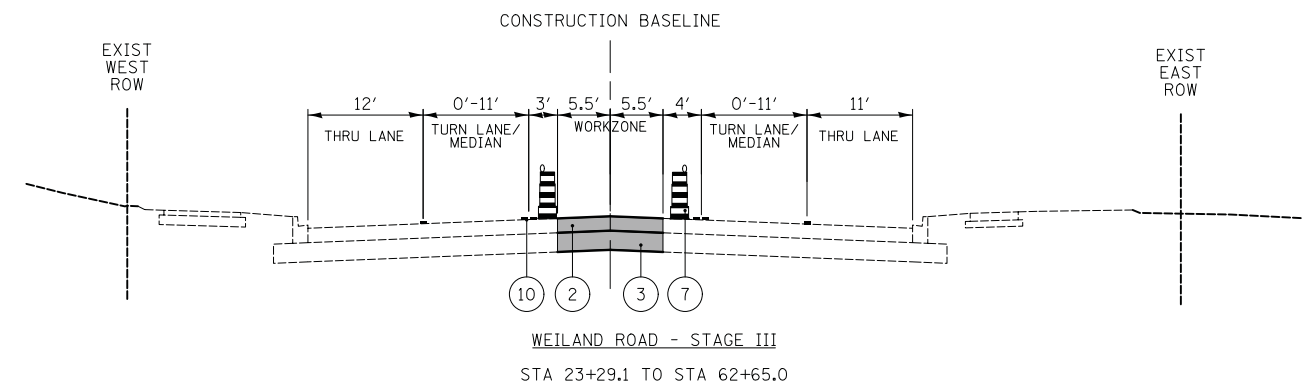
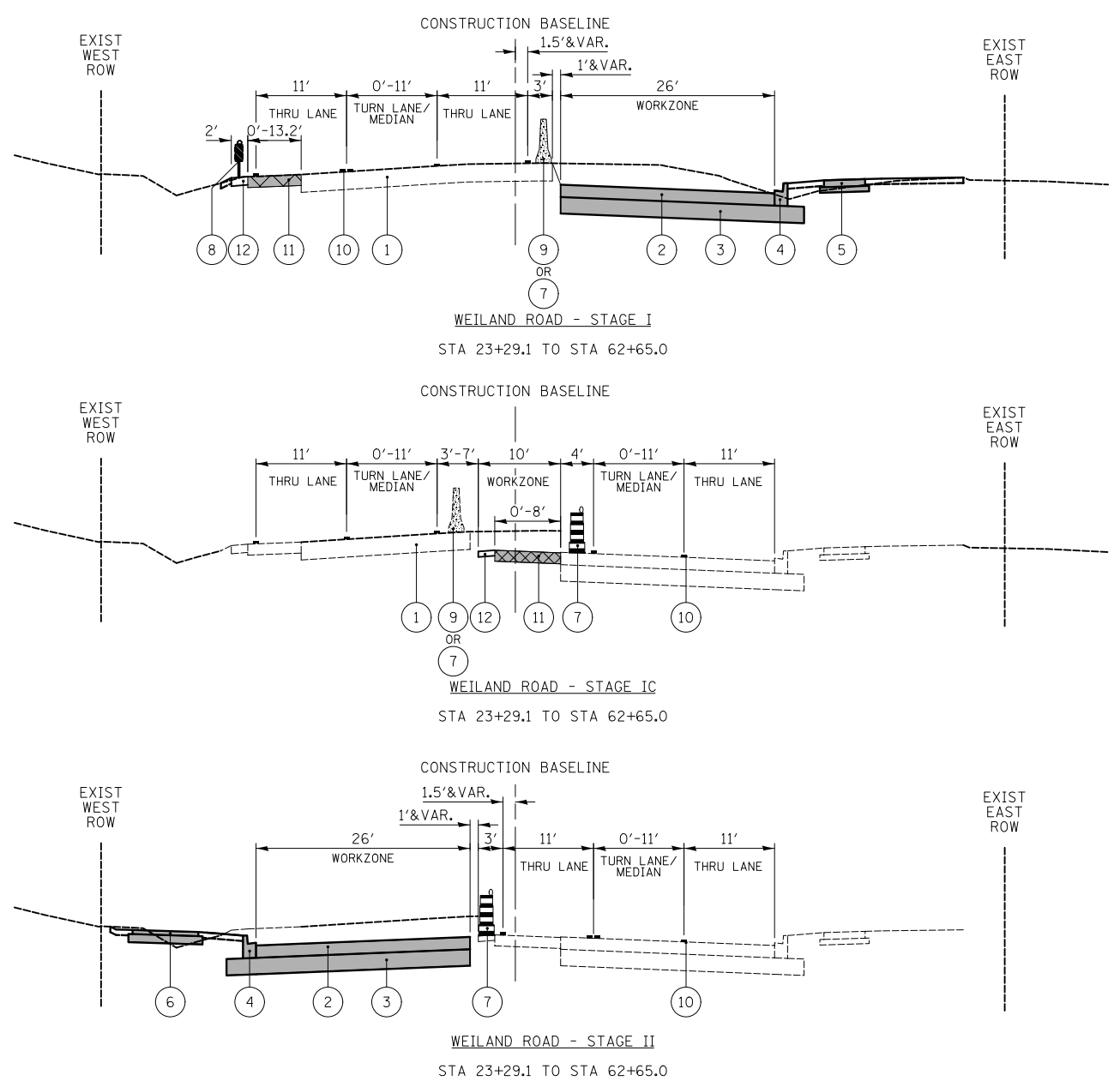
ROADWAY DETAILS

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	60
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



- PROPOSED LEGEND**
- ① EXISTING BITUMINOUS PAVEMENT
 - ② PROPOSED HOT-MIX ASPHALT BINDER COURSE
 - ③ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - ⑤ PROPOSED SIDEWALK
 - ⑥ PROPOSED BIKEPATH
 - ⑦ BARREL WITH STEADY-BURN LIGHT
 - ⑧ VERTICAL PANEL WITH STEADY-BURN LIGHT
 - ⑨ TEMPORARY CONCRETE BARRIER
 - ⑩ TEMPORARY PAVEMENT MARKING
 - ⑪ TEMPORARY PAVEMENT, 8" - PAID FOR AS "TEMPORARY PAVEMENT"
 - ⑫ TEMPORARY AGGREGATE SHOULDER, 6" - PAID FOR AS "AGGREGATE SHOULDERS, TYPE B"
- PERMANENT CONSTRUCTION DURING STAGE (SEE STAGES OF CONSTRUCTION PLAN SHEETS)
- ▨ TEMPORARY PAVEMENT WIDENING

- NOTE:**
- THE CONTRACTOR IS REQUIRED TO KEEP A TRAVELED WAY (CAPABLE OF SUPPORTING VEHICLE LOADING) OPEN FOR EMERGENCY VEHICLE ACCESS AT ALL TIMES.
 - ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES TO THE EXTENT PRACTICABLE. DURING CONSTRUCTION HOURS THERE MAY BE TIMES WHEN RESIDENTS MAY NOT BE ABLE TO ACCESS THEIR DRIVEWAY AND WILL BE ENCOURAGED TO PARK ALONG NEARBY SIDE STREETS. THE CONTRACTOR WILL BE REQUIRED TO WORK COOPERATIVELY WITH THE RESIDENTS AND ENGINEER TO ACCOMMODATE ACCESS AND TO COORDINATE TRASH PICK-UP ON THE REGULARLY SCHEDULED DAY. THIS MAY REQUIRE STAGE CONSTRUCTING THE IMPROVEMENTS ADJACENT TO THE ACCESS POINTS. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN ACCEPTABLE SURFACE OR TEMPORARY ROUTE FOR ACCESS TO DRIVEWAYS, HOUSES, OR OTHER PROPERTY ABUTTING THE ROADWAY BEING IMPROVED. THIS WORK SHALL BE PAID FOR AS TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE), TEMPORARY ACCESS (ROAD), TEMPORARY ACCESS (WINTERIZE), OR AGGREGATE FOR TEMPORARY ACCESS.
 - THE CONTRACTOR SHALL MAINTAIN AN ADA COMPLIANT PEDESTRIAN PATH THROUGH THE LIMITS OF CONSTRUCTION. IF THE PEDESTRIAN PATH CONNECTION NEEDS TO BE INTERRUPTED FOR A SHORT DURATION OF TIME, A SIDEWALK DETOUR ROUTE WILL NEED TO BE PROVIDED THROUGH SIDE STREETS IN ACCORDANCE WITH IDOT STANDARD 701801. COMPLIANCE WITH THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".
 - PRIOR TO STAGE 1C THE CONTRACTOR SHALL EXTEND STORM SEWER LATERALS AS NECESSARY WITH SHORT-TERM TEMPORARY OPERATIONS AND TO ACCOMMODATE STAGE 1C AND STAGE 2 TRAFFIC.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.	
PRE-STAGE (NOT ILLUSTRATED)	STAGE I
<ol style="list-style-type: none"> ERECT ALL ADVANCED CONSTRUCTION SIGNING. IMPLEMENT SOIL & SEDIMENT EROSION CONTROL PLAN AND PROVIDE TEMPORARY FENCE WHERE PERIMETER EROSION CONTROL BARRIER IS NOT SHOWN. REMOVE TREES AND RELOCATE TRAFFIC SIGNS WHERE NECESSARY. COVER AND TURN OFF TRAFFIC SIGNALS, AND INSTALL TEMPORARY TRAFFIC SIGNALS. INSTALL TEMPORARY LIGHTING. CONSTRUCT TEMPORARY PAVEMENT WHERE REQUIRED IN STAGE I. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, ERECT BARRICADES AND TEMPORARY TRAFFIC SIGNS AND SHIFT TRAFFIC. CONSTRUCT APTAKISIK CREEK BOX CULVERT (SEE BOX CULVERT INSTALLATION PLANS) 	<ol style="list-style-type: none"> REMOVE EXISTING PAVEMENT, SIDEWALK, ENTRANCES, AND CURB AND GUTTER ON THE EAST SIDE OF WEILAND ROAD. INSTALL DRAINAGE STRUCTURES AND STORM SEWERS WITHIN WORKZONE AND ACROSS ROADWAY USING PAVEMENT PATCHING CONSTRUCT AGGREGATE SUBGRADE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS, BIKE PATH, SIDEWALK, AND LIGHTING. PLACE PERMANENT LANDSCAPING ON THE EAST SIDE OF WEILAND ROAD AND, IF NECESSARY, IMPLEMENT ADDITIONAL SEDIMENT EROSION CONTROL PLAN MEASURES WITHIN CONSTRUCTION LIMITS. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, RELOCATE BARRICADES, ADJUST TEMPORARY SIGNING, SHIFT NORTHBOUND TRAFFIC TO THE NEW PAVEMENT AND CONSTRUCT TEMPORARY PAVEMENT WHERE REQUIRED PRIOR TO IMPLEMENTING STAGE II (STAGE 1C, NOT SHOWN ON THE PLANS AND IS SHOWN AS TYPICAL SECTION ABOVE). REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, RELOCATE BARRICADES, ADJUST TEMPORARY SIGNING, TEMPORARY TRAFFIC SIGNALS, AND SHIFT TRAFFIC FOR STAGE II CONSTRUCTION.
STAGE II	STAGE III
<ol style="list-style-type: none"> REMOVE EXISTING PAVEMENT, SIDEWALK, ENTRANCES, AND CURB AND GUTTER ON THE WEST SIDE OF WEILAND ROAD. INSTALL DRAINAGE STRUCTURES, STORM SEWERS, AND CULVERTS. INSTALL AND BRING INTO SERVICE PERMANENT LIGHTING BEFORE REMOVING TEMPORARY LIGHTING. CONSTRUCT AGGREGATE SUBGRADE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS, BIKE PATH, SIDEWALK AND NOISE WALL. CONSTRUCT TEMPORARY PAVEMENT WHERE REQUIRED IN STAGE III. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, RELOCATE BARRICADES, ADJUST TEMPORARY SIGNING, TEMPORARY TRAFFIC SIGNALS, AND SHIFT TRAFFIC FOR STAGE III CONSTRUCTION. 	<ol style="list-style-type: none"> CONSTRUCT AGGREGATE SUBGRADE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS, AND SIDEWALKS AT REMAINING SECTIONS OF THE PROJECT. MILL WIDENING AND RESURFACING SECTION OF THE PROJECT. PLACE SURFACE COURSE TO FINISHED GRADE AND PLACE SHORT TERM PAVEMENT MARKINGS AS REQUIRED. COMPLETE AND ACTIVATE ALL PERMANENT TRAFFIC SIGNAL INSTALLATIONS AND REMOVE TEMPORARY SIGNALS. REMOVE ALL CONFLICTING PAVEMENT MARKINGS, PLACE PERMANENT MARKINGS AND SIGNING, REMOVE ALL BARRICADES AND TEMPORARY TRAFFIC SIGNS. COMPLETE REMAINING LANDSCAPING AND CLEAN-UP WORK.

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**STATE OF ILLINOIS
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NO SCALE

STAGES OF CONSTRUCTION TYPICAL SECTIONS





















SHEET NO. 1 OF 1 SHEETS STA. TO STA.

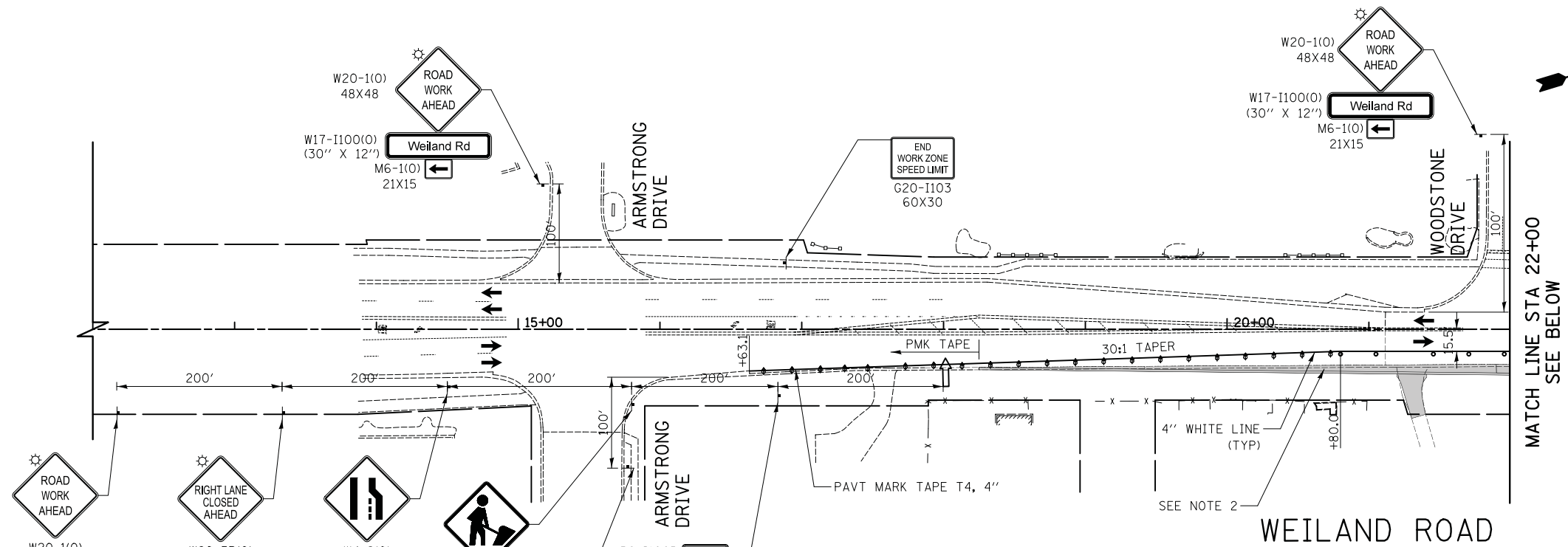
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	61
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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LEGEND

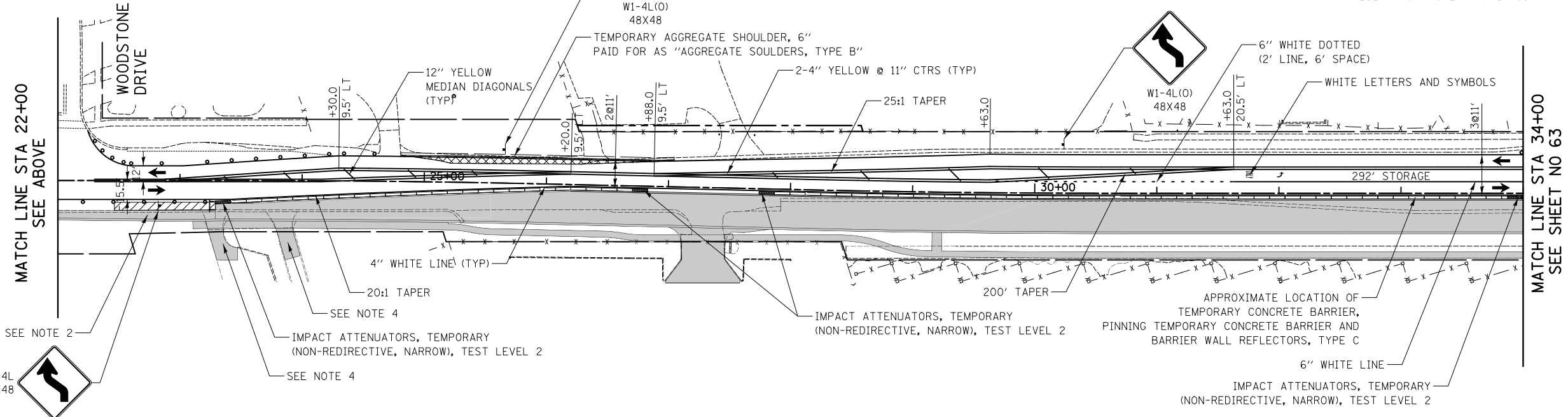
-  PERMANENT PAVING DURING STAGE
-  TEMPORARY PAVING DURING STAGE
-  TEMPORARY PAVING FROM PREVIOUS STAGE
-  PATCHING DURING STAGE
-  PROPOSED STORM SEWER
-  EXISTING STORM SEWER
-  REMOVAL
-  DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
-  DIRECTION OF TRAFFIC PATTERNS
-  TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 20' CTRS
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
-  AMBER FLASHING LIGHT
-  18" x 18" FLAG
-  TA (PE) TEMPORARY ACCESS (PRIVATE ENTRANCE)
-  TA (CE) TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
-  ARROW BOARD
-  VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS)
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2



WEILAND ROAD

NOTES:

1. ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
 2. INITIAL SURFACE COURSE FOR PAVEMENT WIDENING SHALL BE "HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70", 2" DEEP. WHEN MILLING THE PAVEMENT FOR RESURFACING, INITIAL SURFACE COURSE SHALL BE MILLED AS WELL, AND NEW 2" COURSE OF "HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70" PROVIDED FOR ALL MILLED PAVEMENT. ADDITIONAL QUANTITIES FOR HOT-MIX ASPHALT SURFACE AND SURFACE REMOVAL HAS BEEN INCLUDED TO COMPLETE THIS WORK.
 3. REFER TO STAGED EROSION CONTROL SHEETS FOR STORM SEWER CONSTRUCTION.
 4. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES TO THE EXTENT PRACTICABLE. DURING CONSTRUCTION HOURS THERE MAY BE TIMES WHEN RESIDENTS MAY NOT BE ABLE TO ACCESS THEIR DRIVEWAY AND WILL BE ENCOURAGED TO PARK ALONG NEARBY SIDE STREETS. THE CONTRACTOR WILL BE REQUIRED TO WORK COOPERATIVELY WITH THE RESIDENTS AND ENGINEER TO ACCOMMODATE ACCESS AND TO COORDINATE TRASH PICK-UP ON THE REGULARLY SCHEDULED DAY. THIS MAY REQUIRE STAGE CONSTRUCTING THE IMPROVEMENTS ADJACENT TO THE ACCESS POINTS. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN ACCEPTABLE SURFACE OR TEMPORARY ROUTE FOR ACCESS TO DRIVEWAYS, HOUSES, OR OTHER PROPERTY ABUTTING THE ROADWAY BEING IMPROVED. THIS WORK SHALL BE PAID FOR AS TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (WINTERIZE), OR AGGREGATE FOR TEMPORARY ACCESS.
- * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

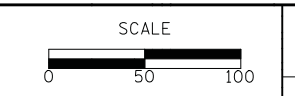


WEILAND ROAD

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CHECKED - JRV	REVISED -
DATE - 11/7/2018	REVISED -

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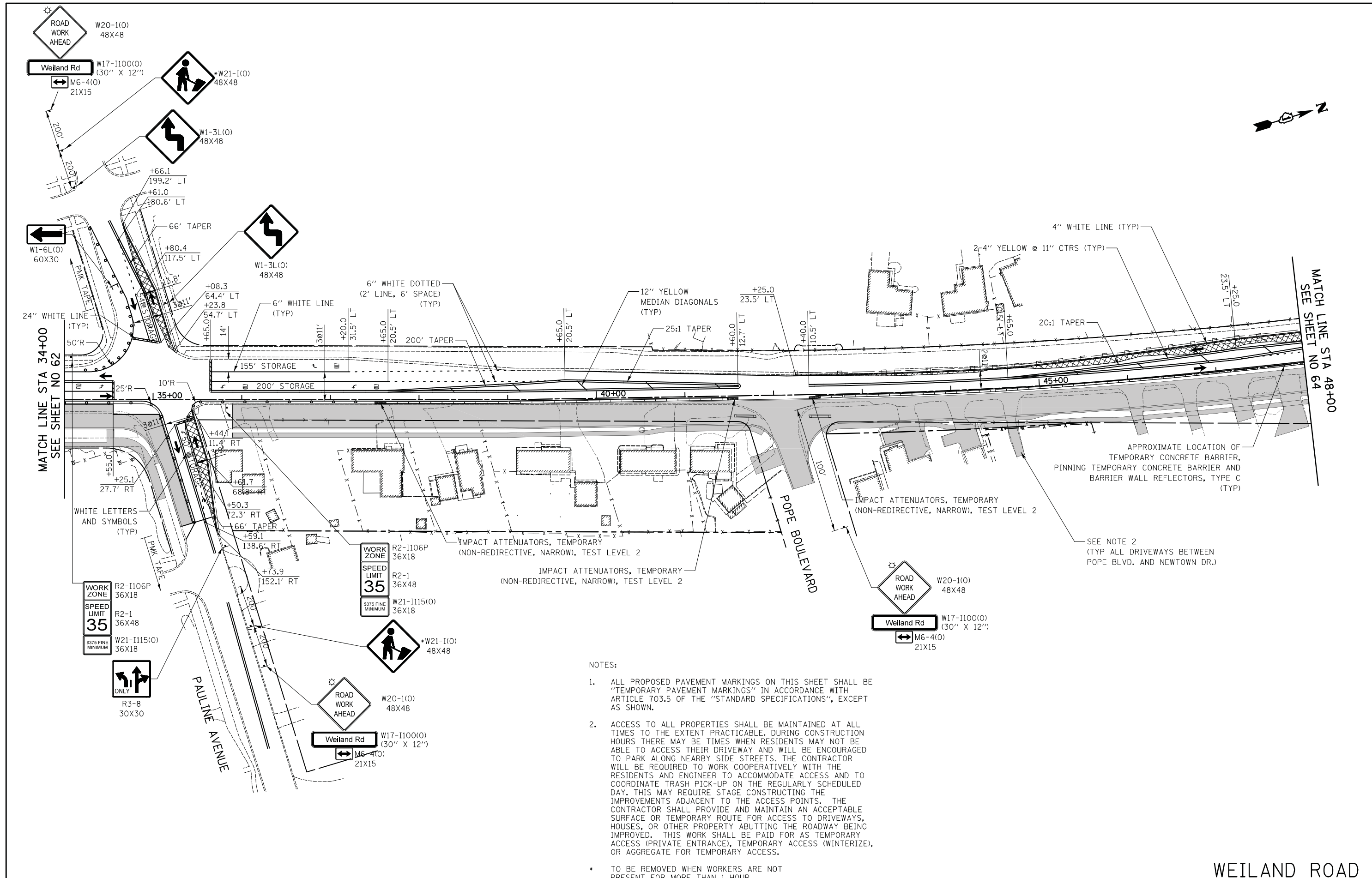


STAGES OF CONSTRUCTION - STAGE I
 SHEET NO. 1 OF 3 SHEETS STA. 23+29.1 TO STA. 34+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	62
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY PLOTTED	
NOTE BOOK AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY PLOTTED	
NOTE BOOK AREAS CHECKED	
NO.	

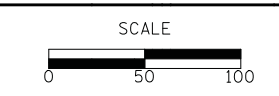


- NOTES:
- ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
 - ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES TO THE EXTENT PRACTICABLE. DURING CONSTRUCTION HOURS THERE MAY BE TIMES WHEN RESIDENTS MAY NOT BE ABLE TO ACCESS THEIR DRIVEWAY AND WILL BE ENCOURAGED TO PARK ALONG NEARBY SIDE STREETS. THE CONTRACTOR WILL BE REQUIRED TO WORK COOPERATIVELY WITH THE RESIDENTS AND ENGINEER TO ACCOMMODATE ACCESS AND TO COORDINATE TRASH PICK-UP ON THE REGULARLY SCHEDULED DAY. THIS MAY REQUIRE STAGE CONSTRUCTING THE IMPROVEMENTS ADJACENT TO THE ACCESS POINTS. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN ACCEPTABLE SURFACE OR TEMPORARY ROUTE FOR ACCESS TO DRIVEWAYS, HOUSES, OR OTHER PROPERTY ABUTTING THE ROADWAY BEING IMPROVED. THIS WORK SHALL BE PAID FOR AS TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (WINTERIZE), OR AGGREGATE FOR TEMPORARY ACCESS.
- * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

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STAGES OF CONSTRUCTION - STAGE I
 SHEET NO. 2 OF 3 SHEETS STA. 34+00.0 TO STA. 48+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	63
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

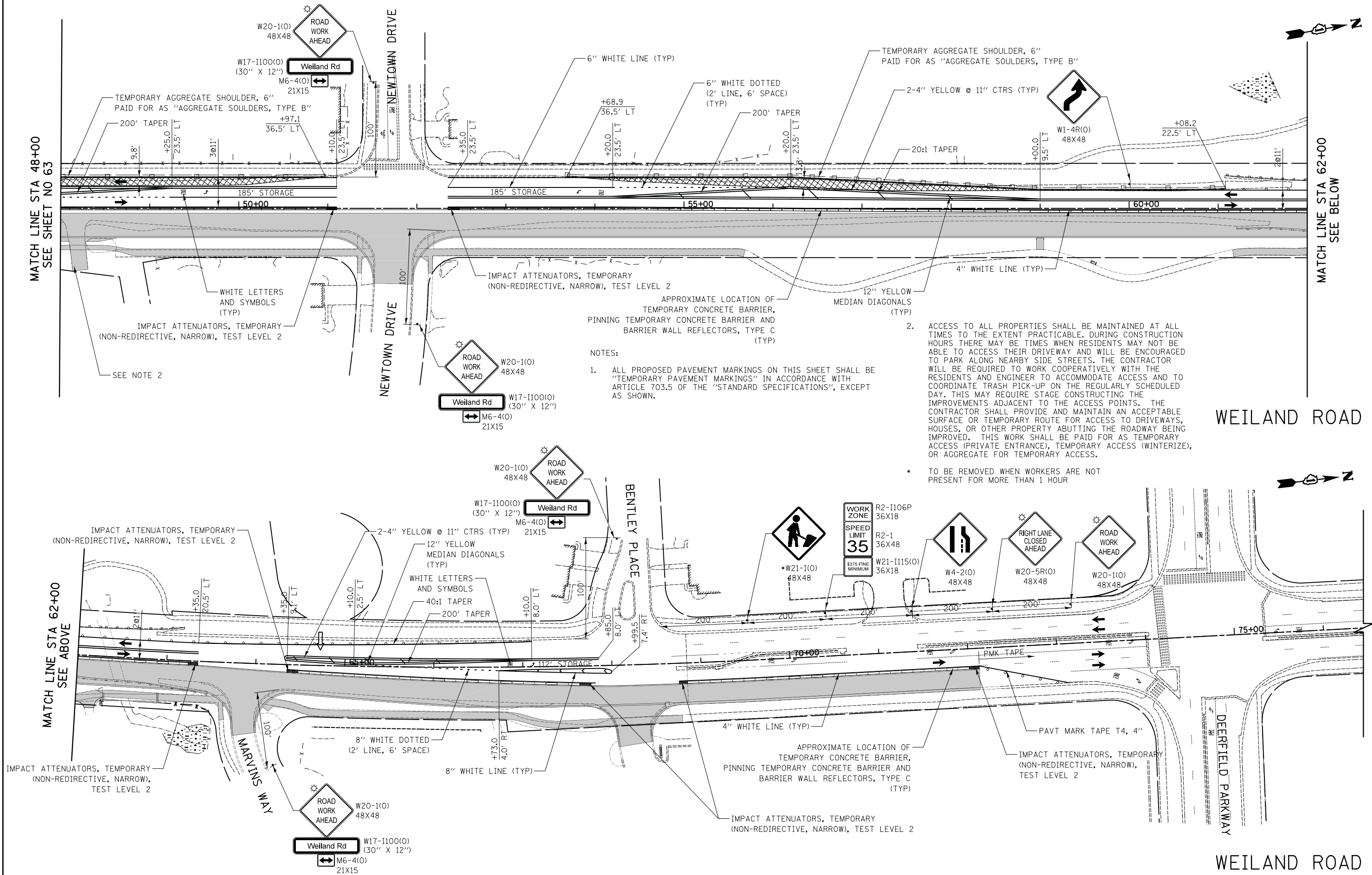
WEILAND ROAD

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MATCH LINE STA 48+00
SEE SHEET NO 63

MATCH LINE STA 62+00
SEE BELOW



NOTES:

1. ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.

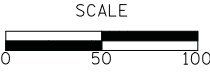
2. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES TO THE EXTENT PRACTICABLE. DURING CONSTRUCTION HOURS THERE MAY BE TIMES WHEN RESIDENTS MAY NOT BE ABLE TO ACCESS THEIR DRIVEWAY AND WILL BE ENCOURAGED TO PARK ALONG NEARBY SIDE STREETS. THE CONTRACTOR WILL BE REQUIRED TO WORK COOPERATIVELY WITH THE RESIDENTS AND ENGINEER TO ACCOMMODATE ACCESS AND TO COORDINATE TRASH PICK-UP ON THE REGULARLY SCHEDULED DAY. THIS MAY REQUIRE STAGE CONSTRUCTING THE IMPROVEMENTS ADJACENT TO THE ACCESS POINTS. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AN ACCEPTABLE SURFACE OR TEMPORARY ROUTE FOR ACCESS TO DRIVEWAYS, HOUSES, OR OTHER PROPERTY ABUTTING THE ROADWAY BEING IMPROVED. THIS WORK SHALL BE PAID FOR AS TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (WINTERIZE), OR AGGREGATE FOR TEMPORARY ACCESS.

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

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STAGES OF CONSTRUCTION - STAGE I

SHEET NO. 3 OF 3 SHEETS STA. 48+00.0 TO STA. 75+00.0

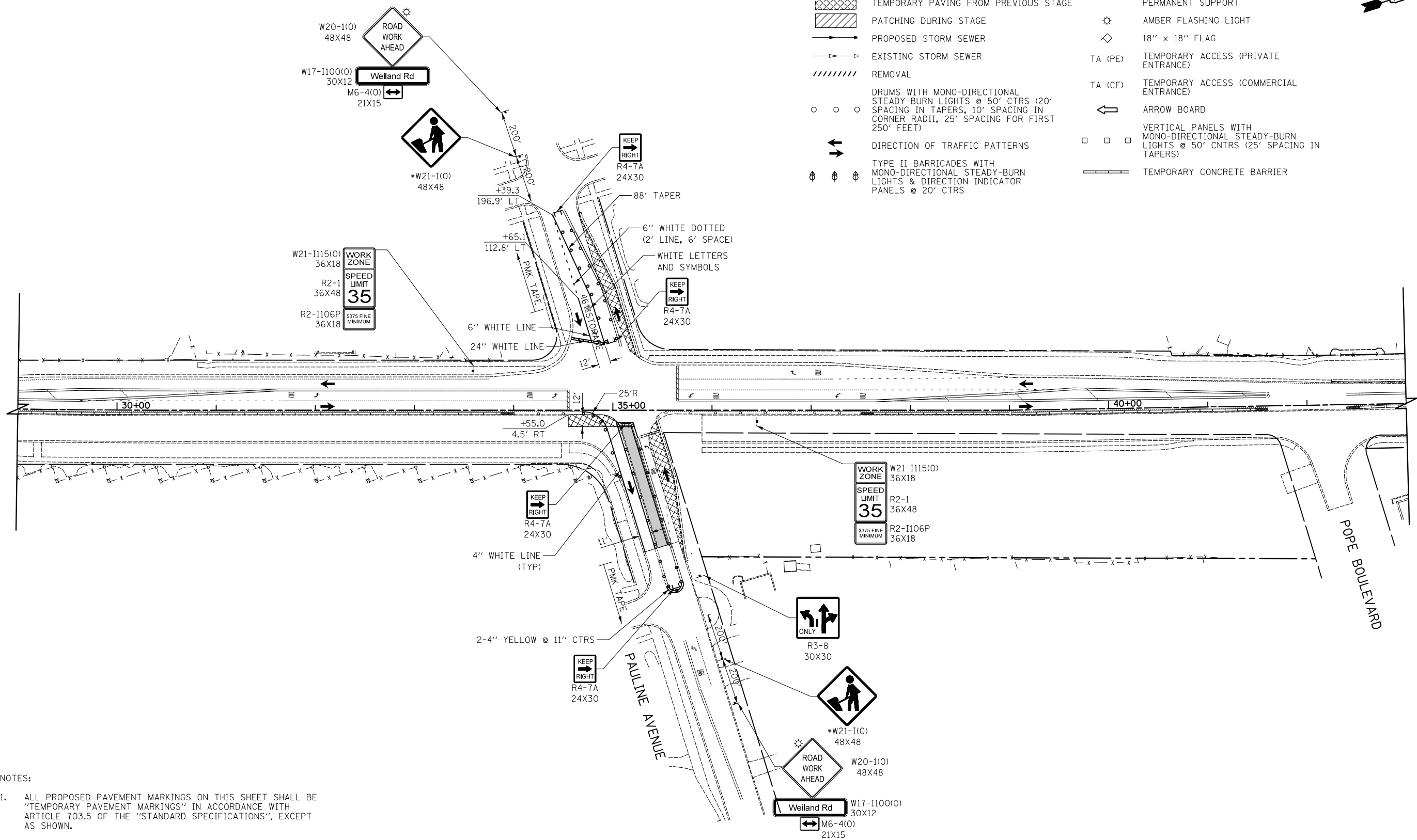
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	64
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK AREAS CHECKED	
NO.	

LEGEND

- PERMANENT PAVING DURING STAGE
- TEMPORARY PAVING DURING STAGE
- TEMPORARY PAVING FROM PREVIOUS STAGE
- PATCHING DURING STAGE
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- REMOVAL
- DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
- DIRECTION OF TRAFFIC PATTERNS
- TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 20' CTRS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- AMBER FLASHING LIGHT
- 18" x 18" FLAG
- TA (PE) TEMPORARY ACCESS (PRIVATE ENTRANCE)
- TA (CE) TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
- ARROW BOARD
- VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS)
- TEMPORARY CONCRETE BARRIER



NOTES:

1. ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
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STAGES OF CONSTRUCTION - STAGE IA

SHEET NO. 1 OF 1 SHEETS STA. 29+00.0 TO STA. 43+00.0

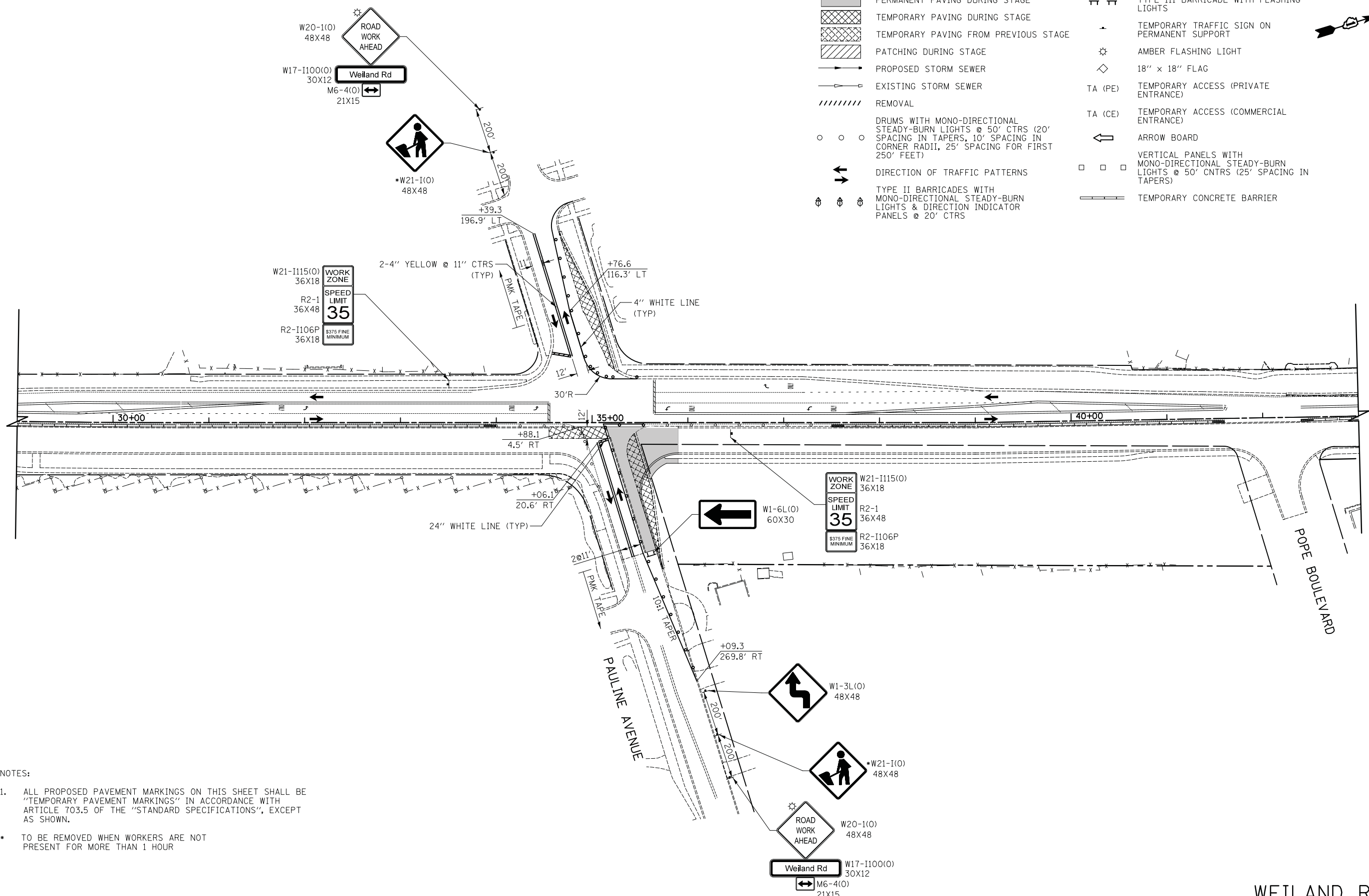
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	65
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

LEGEND

- PERMANENT PAVING DURING STAGE
- TEMPORARY PAVING DURING STAGE
- TEMPORARY PAVING FROM PREVIOUS STAGE
- PATCHING DURING STAGE
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- REMOVAL
- DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
- DIRECTION OF TRAFFIC PATTERNS
- TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 20' CTRS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- AMBER FLASHING LIGHT
- 18" x 18" FLAG
- TEMPORARY ACCESS (PRIVATE ENTRANCE)
- TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
- ARROW BOARD
- VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS)
- TEMPORARY CONCRETE BARRIER



NOTES:

1. ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
- TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

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
















STAGES OF CONSTRUCTION - STAGE IB
 SHEET NO. 1 OF 1 SHEETS STA. 29+00.0 TO STA. 43+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	66
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY PLOTTED	
NOTE BOOK AREAS CHECKED	
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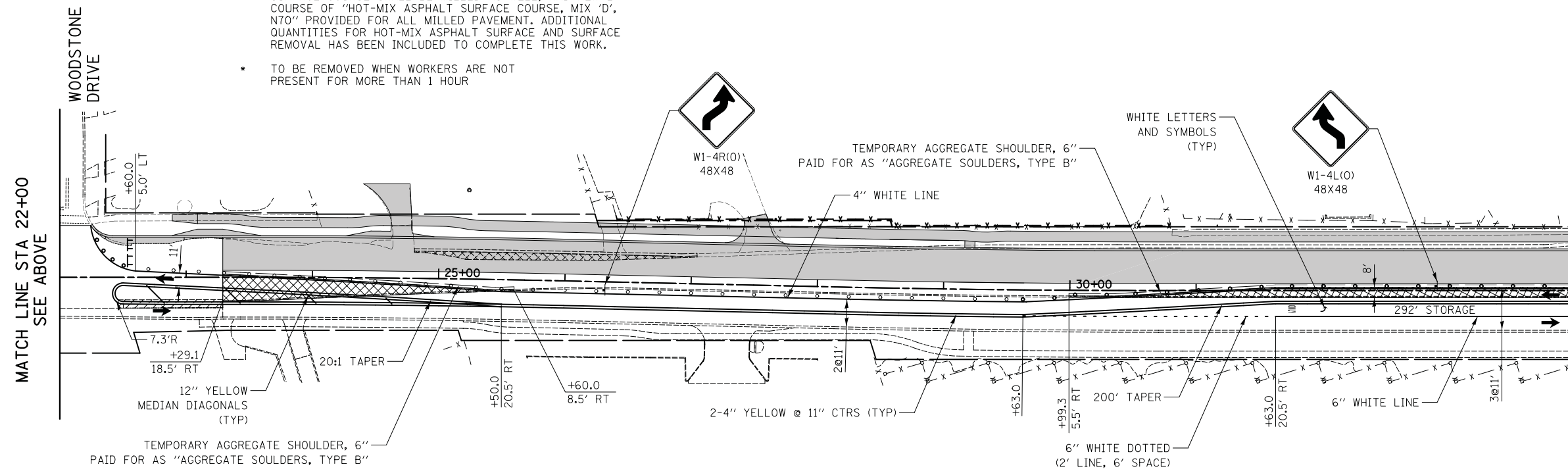
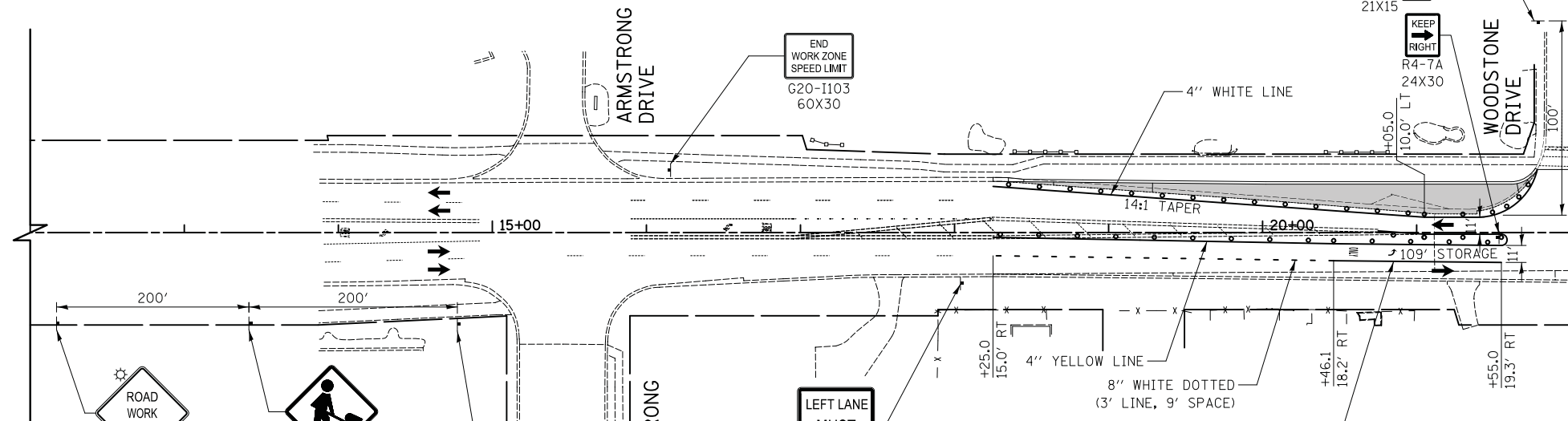
DATE	
BY	
ORIGINAL SURVEY PLOTTED	
NOTE BOOK AREAS CHECKED	
NO.	

LEGEND

-  PERMANENT PAVING DURING STAGE
-  TEMPORARY PAVING DURING STAGE
-  TEMPORARY PAVING FROM PREVIOUS STAGE
-  PATCHING DURING STAGE
-  PROPOSED STORM SEWER
-  EXISTING STORM SEWER
-  REMOVAL
-  DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
-  DIRECTION OF TRAFFIC PATTERNS
-  TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 20' CTRS
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
-  AMBER FLASHING LIGHT
-  18" x 18" FLAG
-  TA (PE) TEMPORARY ACCESS (PRIVATE ENTRANCE)
-  TA (CE) TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
-  ARROW BOARD
-  VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CNTRS (25' SPACING IN TAPERS)
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2

NOTES:

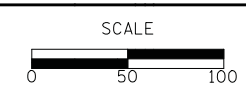
1. ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
 2. INITIAL SURFACE COURSE FOR PAVEMENT WIDENING SHALL BE "HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70", 2" DEEP. WHEN MILLING THE PAVEMENT FOR RESURFACING, INITIAL SURFACE COURSE SHALL BE MILLED AS WELL, AND NEW 2" COURSE OF "HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70" PROVIDED FOR ALL MILLED PAVEMENT. ADDITIONAL QUANTITIES FOR HOT-MIX ASPHALT SURFACE AND SURFACE REMOVAL HAS BEEN INCLUDED TO COMPLETE THIS WORK.
- TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR



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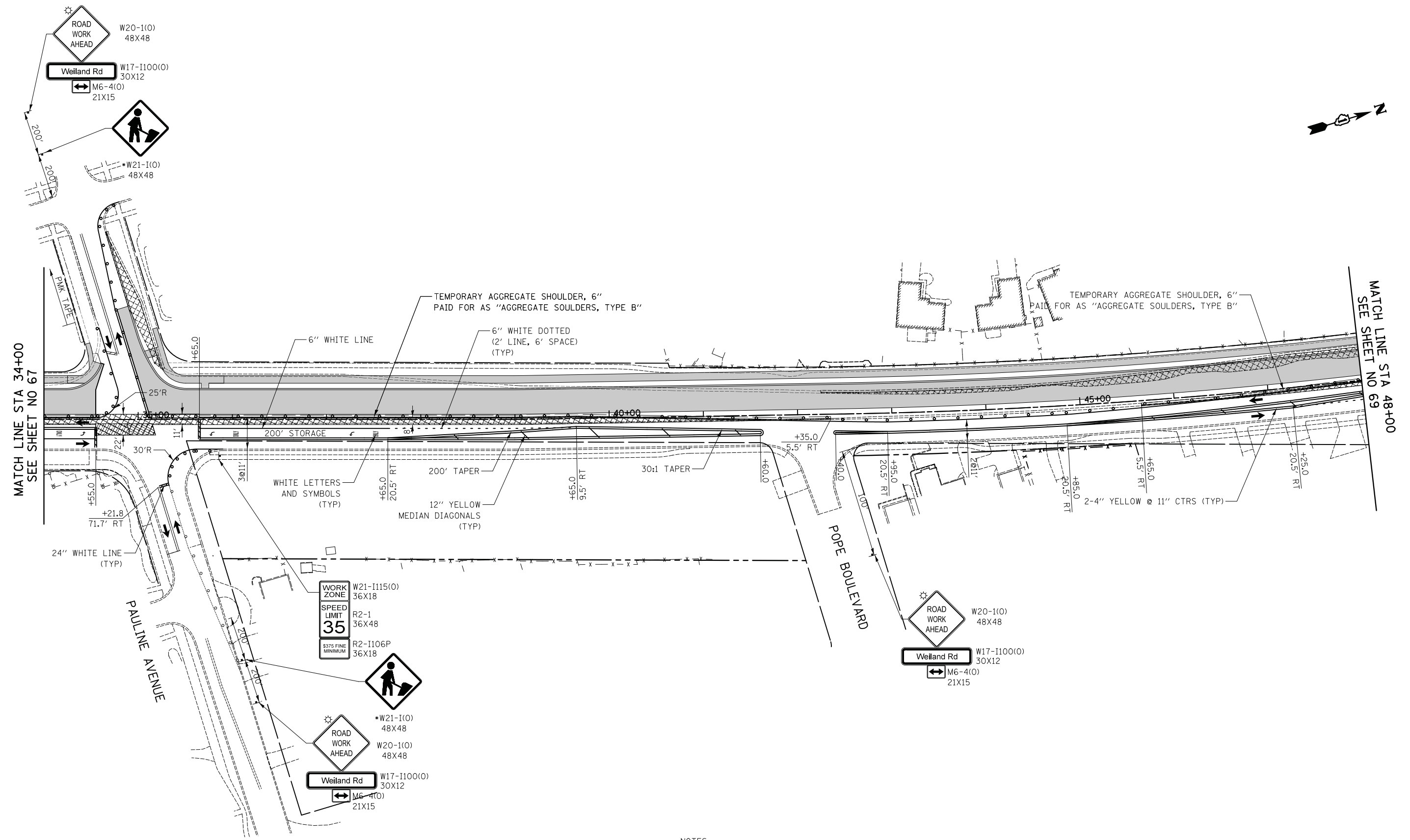


STAGES OF CONSTRUCTION - STAGE II
 SHEET NO. 1 OF 3 SHEETS STA. 23+29.1 TO STA. 34+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	67
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
NOTE BOOK	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



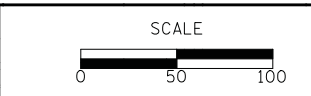
NOTES:

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STAGES OF CONSTRUCTION - STAGE II

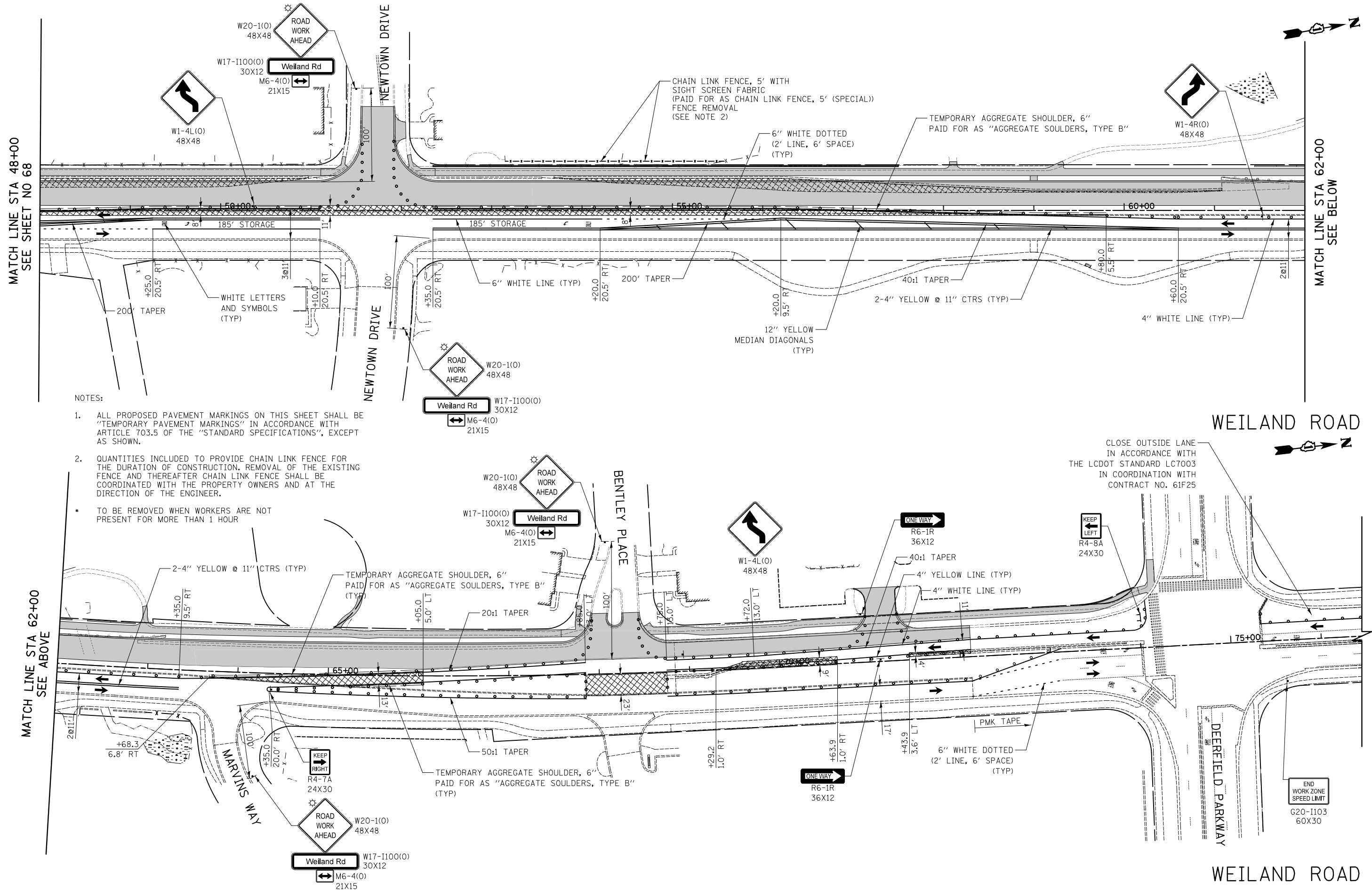
SHEET NO. 2 OF 3 SHEETS STA. 34+00.0 TO STA. 48+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	68
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

WEILAND ROAD

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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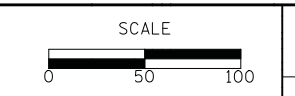


- NOTES:
- ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
 - QUANTITIES INCLUDED TO PROVIDE CHAIN LINK FENCE FOR THE DURATION OF CONSTRUCTION. REMOVAL OF THE EXISTING FENCE AND THEREAFTER CHAIN LINK FENCE SHALL BE COORDINATED WITH THE PROPERTY OWNERS AND AT THE DIRECTION OF THE ENGINEER.
 - TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

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STAGES OF CONSTRUCTION - STAGE II

SHEET NO. 3 OF 3 SHEETS STA. 48+00.0 TO STA. 75+00.0

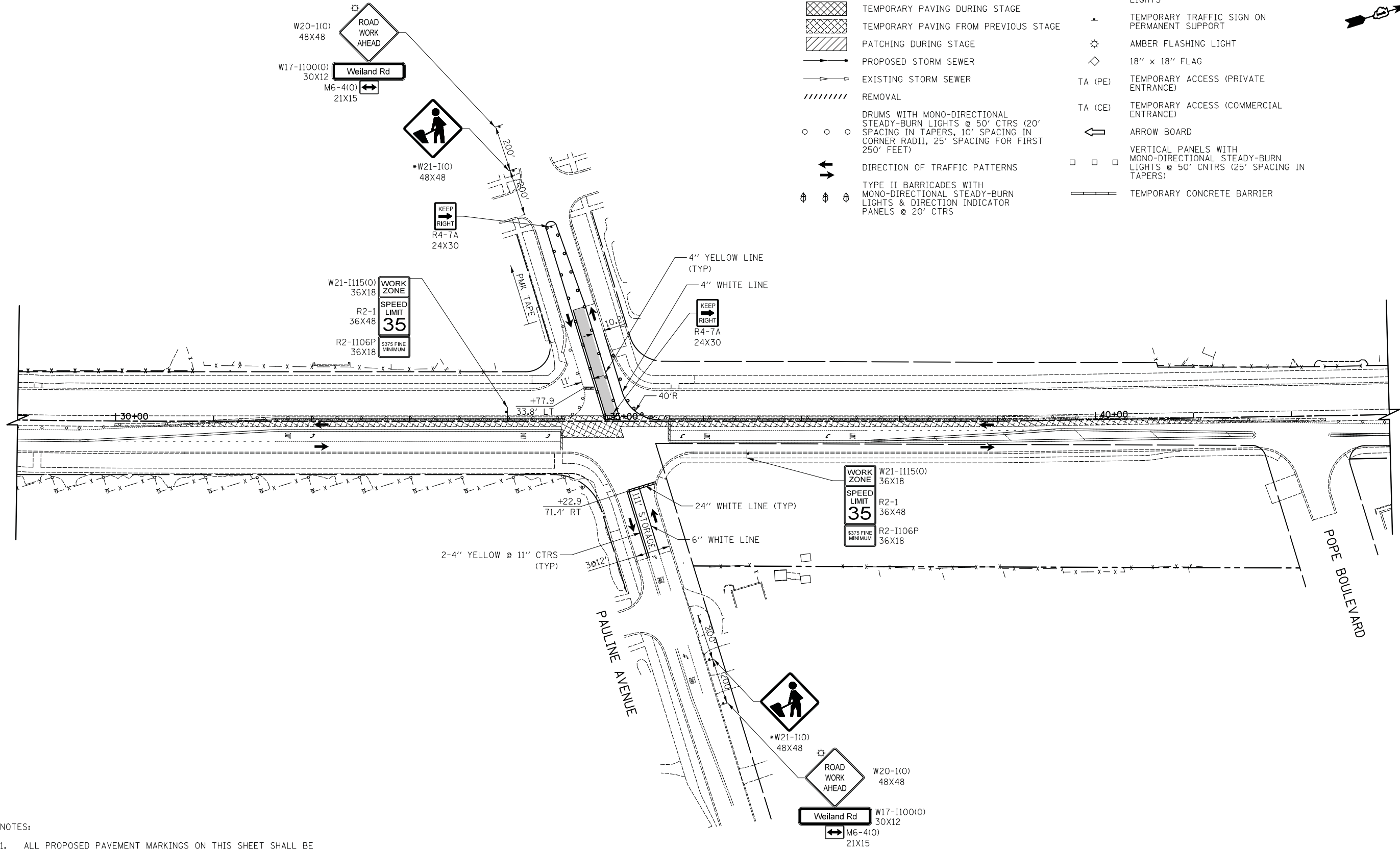
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	69
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

LEGEND

- PERMANENT PAVING DURING STAGE
- TEMPORARY PAVING DURING STAGE
- TEMPORARY PAVING FROM PREVIOUS STAGE
- PATCHING DURING STAGE
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- REMOVAL
- DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
- DIRECTION OF TRAFFIC PATTERNS
- TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 20' CTRS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- AMBER FLASHING LIGHT
- 18" x 18" FLAG
- TEMPORARY ACCESS (PRIVATE ENTRANCE)
- TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
- ARROW BOARD
- VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS)
- TEMPORARY CONCRETE BARRIER



NOTES:

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STAGES OF CONSTRUCTION - STAGE IIA

SHEET NO. 1 OF 1 SHEETS STA. 29+00.0 TO STA. 43+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	70
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

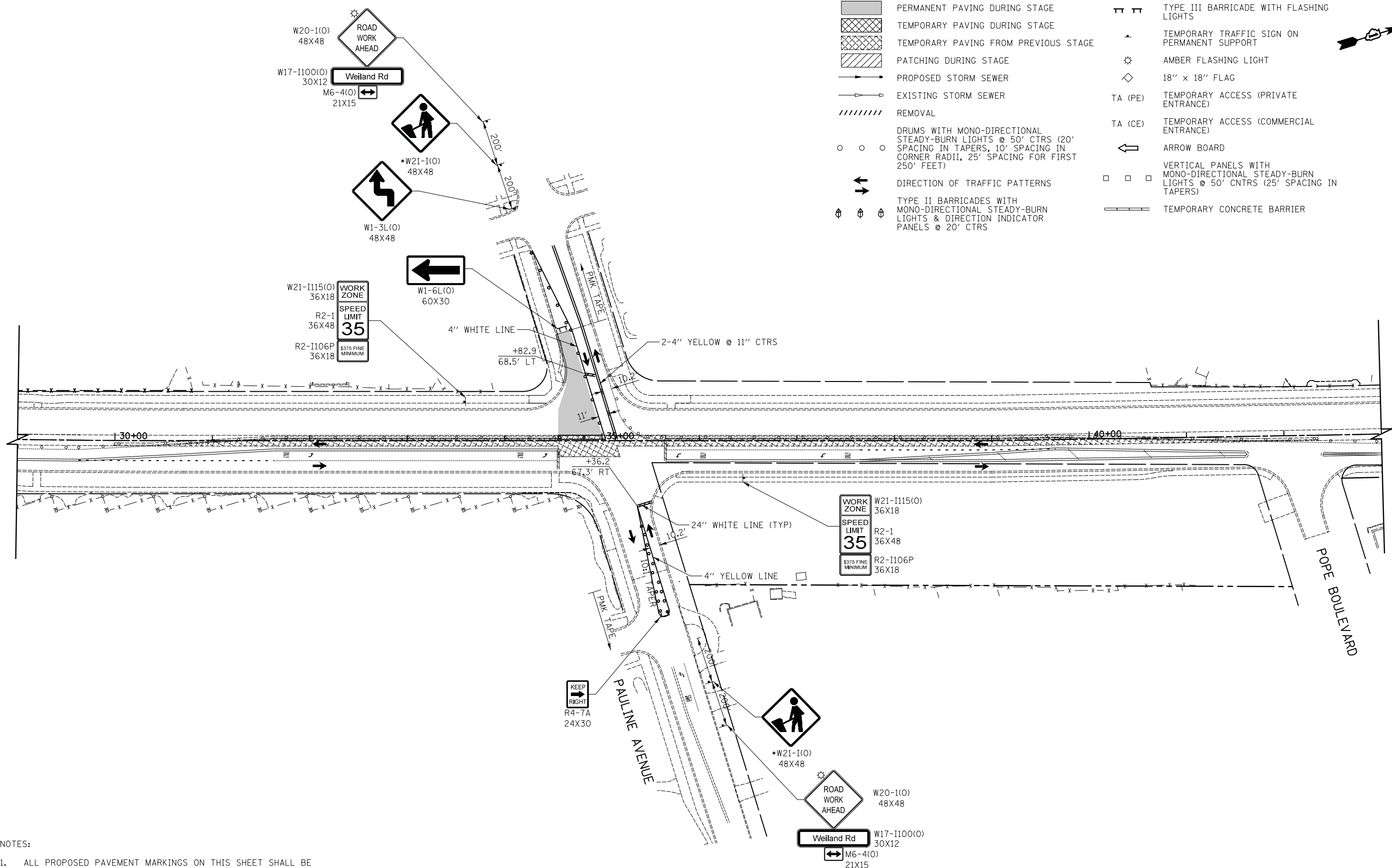
WEILAND ROAD

DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

LEGEND

- PERMANENT PAVING DURING STAGE
- TEMPORARY PAVING DURING STAGE
- TEMPORARY PAVING FROM PREVIOUS STAGE
- PATCHING DURING STAGE
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- REMOVAL
- DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
- DIRECTION OF TRAFFIC PATTERNS
- TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 20' CTRS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- AMBER FLASHING LIGHT
- 18" x 18" FLAG
- TA (PE) TEMPORARY ACCESS (PRIVATE ENTRANCE)
- TA (CE) TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
- ARROW BOARD
- VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CNTRS (25' SPACING IN TAPERS)
- TEMPORARY CONCRETE BARRIER



NOTES:

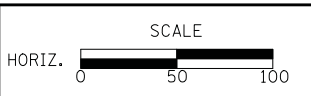
1. ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
- * TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

WEILAND ROAD

CIVILTECH
 Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

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DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 11/7/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



STAGES OF CONSTRUCTION - STAGE IIB

SHEET NO. 1 OF 1 SHEETS STA. 29+00.0 TO STA. 43+00.0

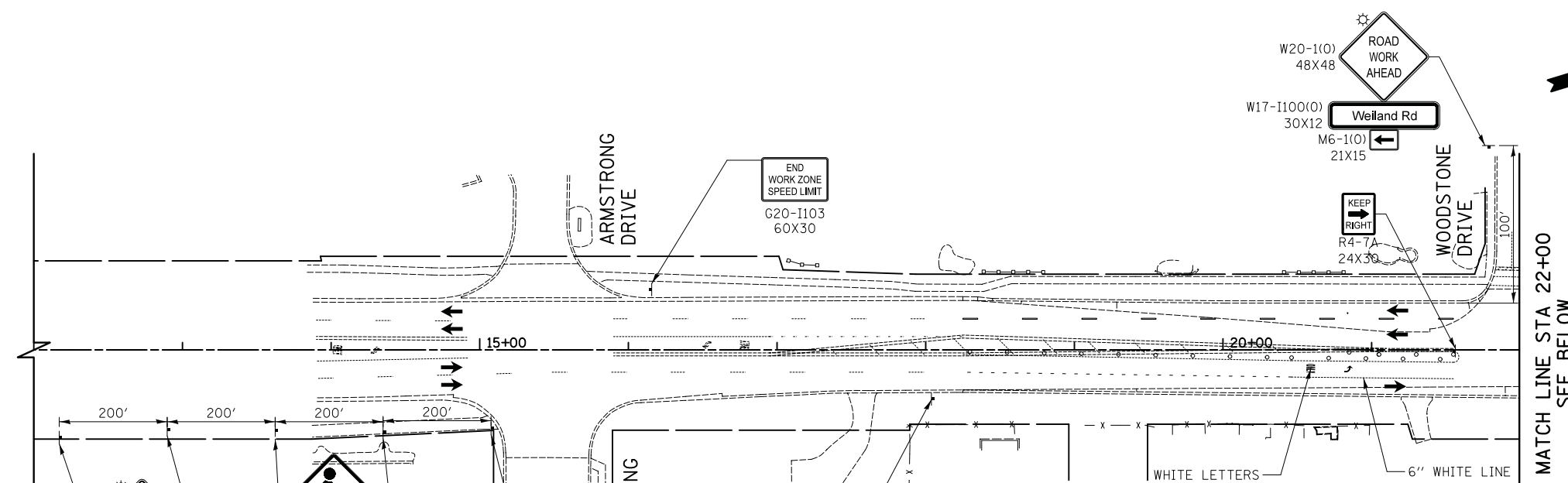
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	71
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

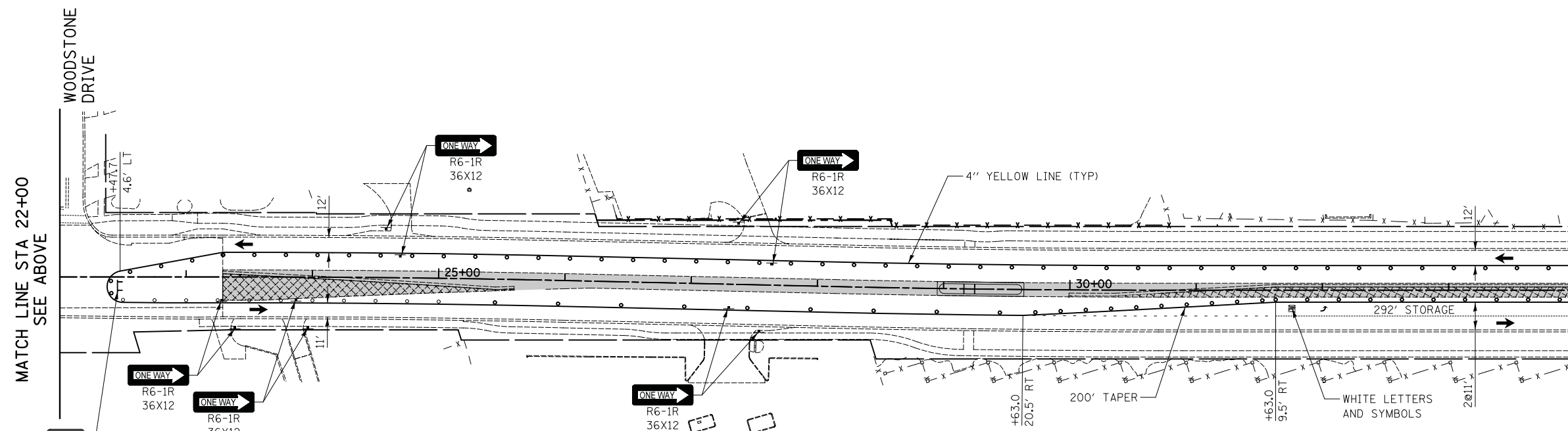
DATE	
BY	
ORIGINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

LEGEND

- PERMANENT PAVING DURING STAGE
- TEMPORARY PAVING DURING STAGE
- TEMPORARY PAVING FROM PREVIOUS STAGE
- PATCHING DURING STAGE
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- REMOVAL
- DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
- DIRECTION OF TRAFFIC PATTERNS
- TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 20' CTRS
- TYPE III BARRICADE WITH FLASHING LIGHTS
- TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
- AMBER FLASHING LIGHT
- 18" x 18" FLAG
- TA (PE) TEMPORARY ACCESS (PRIVATE ENTRANCE)
- TA (CE) TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
- ARROW BOARD
- VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CNTRS (25' SPACING IN TAPERS)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2



MATCH LINE STA 22+00
SEE BELOW



MATCH LINE STA 34+00
SEE SHEET NO 73

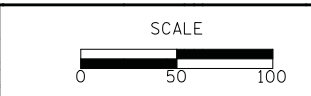
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1. ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
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DATE - 11/7/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



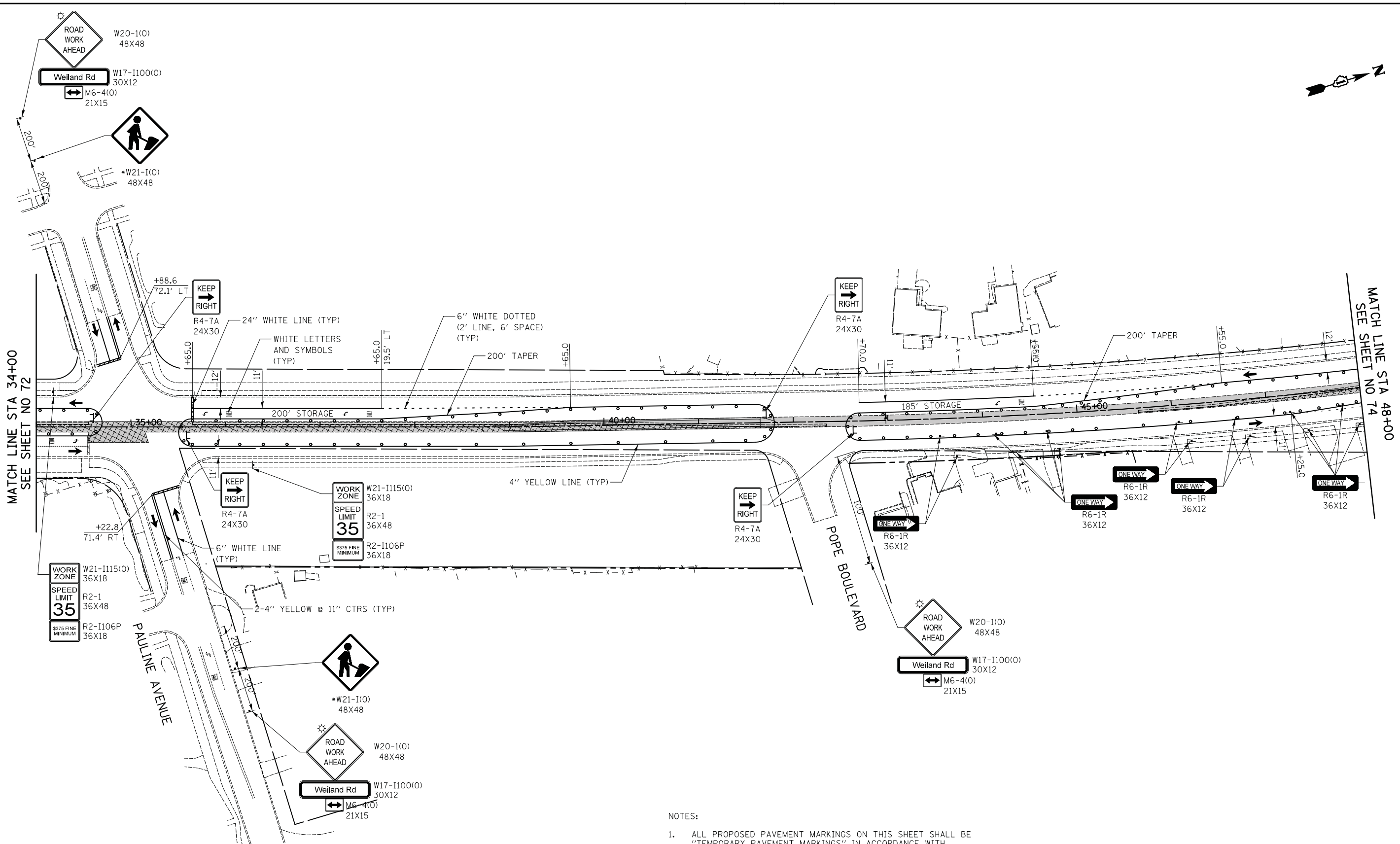
STAGES OF CONSTRUCTION - STAGE III

SHEET NO. 1 OF 3 SHEETS STA. 23+29.1 TO STA. 34+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	72
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	



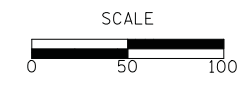
- NOTES:
- ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
 - TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

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CHECKED - JRV	REVISED -
DATE - 11/7/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



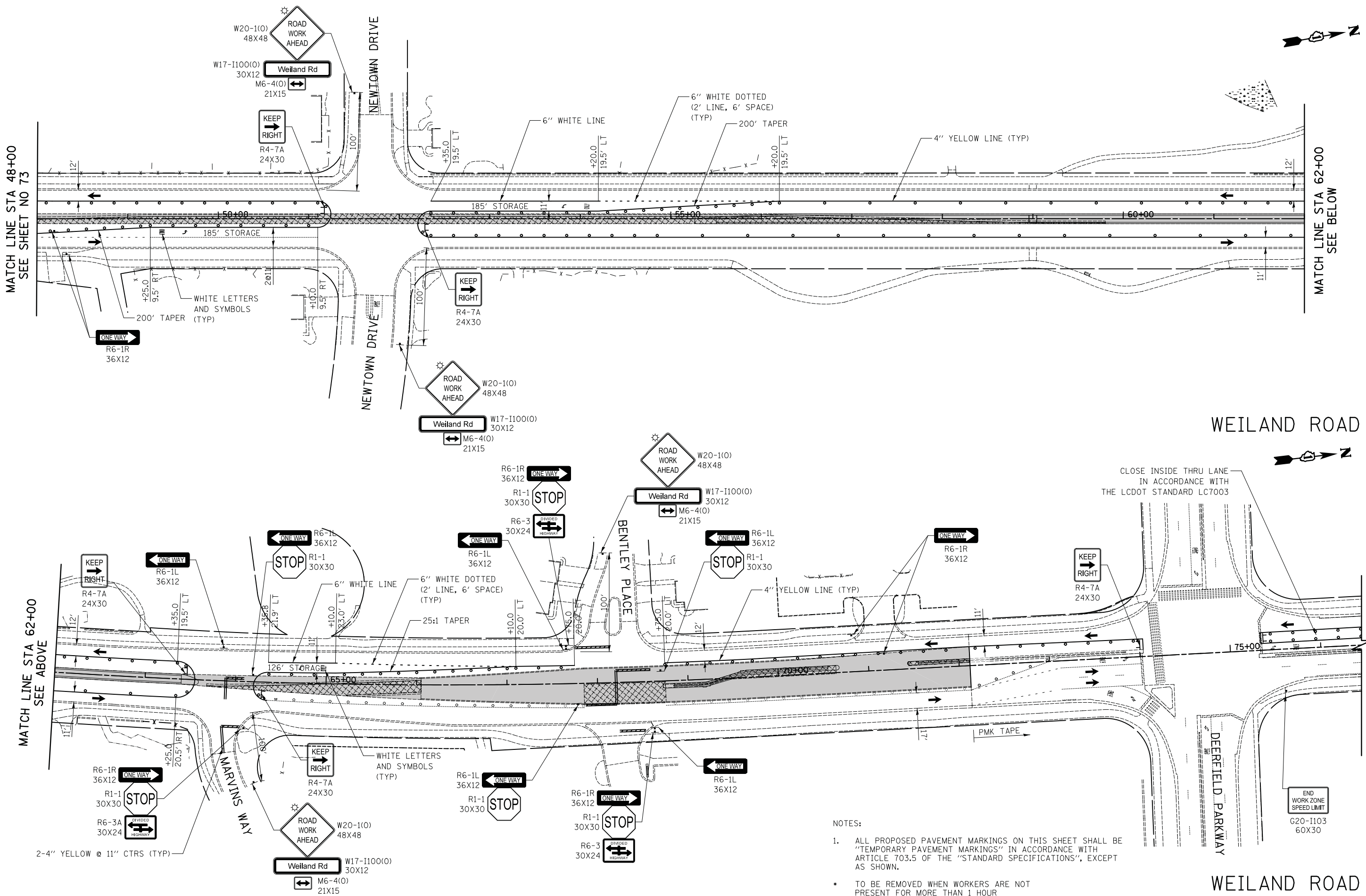
STAGES OF CONSTRUCTION - STAGE III

SHEET NO. 2 OF 3 SHEETS STA. 34+00.0 TO STA. 48+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	73
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



- NOTES:
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DATE - 11/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



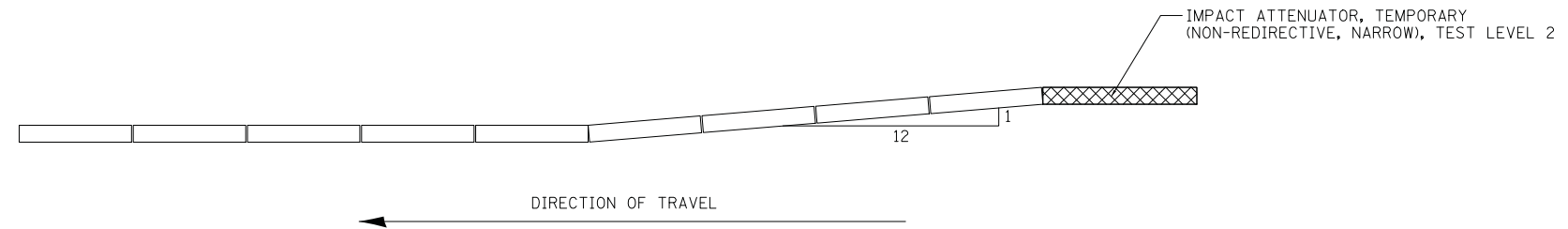
STAGES OF CONSTRUCTION - STAGE III

SHEET NO. 3 OF 3 SHEETS STA. 48+00.0 TO STA. 75+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	74
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



**TEMPORARY CONCRETE BARRIER
END TREATMENT DETAIL**

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 10/8/2018	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	75
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E24	

EROSION CONTROL PLAN

SEDIMENTATION AND EROSION CONTROL NOTES

THIS PROJECT DISTURBS 18.6 ACRES OF TOTAL LAND AREA. COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT IS ONLY NECESSARY IF A PROJECT DISTURBS 1.0 OR MORE ACRES OF TOTAL LAND AREA; AN NPDES PERMIT IS REQUIRED FOR THIS PROJECT.

- A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PREFORMED, AT A MINIMUM:
 - UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
 - AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- C. SOIL DISTURBANCE SHALL BE CONDUCTED IN A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- D. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- E. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
- F. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- G. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
- H. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.
- I. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- J. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- K. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- L. IF INSTALLED EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
- M. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- N. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- O. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.
- P. PERIMETER EROSION BARRIER SHALL BE INSTALLED ONE (1) FOOT FROM RIGHT-OF-WAY OR EASEMENT UNLESS OTHERWISE NOTED ON THE PLANS. REFERENCE THE PLAT OF HIGHWAY SHEETS FOR STATIONS AND OFFSETS.
- Q. SEE DRAINAGE AND UTILITY SHEETS FOR RIPRAP CLASSES AND QUANTITIES.
- R. ESTIMATED QUANTITIES FOR EROSION CONTROL INCLUDING BUT NOT LIMITED TO EROSION CONTROL MAT, FLOATING SILT CURTAIN, FLOCCULATION LOGS, AND FLOCCULATION POWDER HAVE BEEN PROVIDED AND ARE TO BE MADE AVAILABLE FOR USE AT THE DIRECTION OF THE RESIDENT ENGINEER.
- S. TEMPORARY SEDIMENT TRAPS SHALL BE PAID FOR AS EARTH EXCAVATION, STONE RIPRAP CLASS A2, STONE RIPRAP CLASS A4, AND FILTER FABRIC.
- T. TEMPORARY FENCE SHALL BE PLACED THROUGHOUT THE LIMITS OF THE PROJECT WHERE PERIMETER EROSION BARRIER IS NOT ALREADY UTILIZED AND AROUND ALL TREES THAT ARE TO BE PROTECTED AT THE DIRECTION OF THE ENGINEER, WHICH SHALL BE PAID FOR AS "TEMPORARY FENCE".

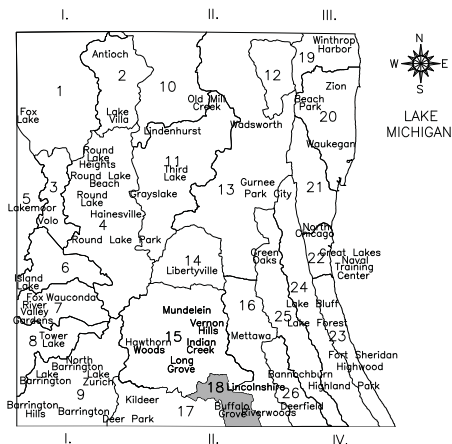
SMC TYPICAL CONSTRUCTION SEQUENCE (PER STAGE)

1. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL SE/SC MEASURES
 - A. SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
 - B. SILT FENCE INSTALLATION
 - C. CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
 - D. STABILIZED CONSTRUCTION ENTRANCE
2. TREE REMOVAL WHERE NECESSARY (CLEAR & GRUB)
3. CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS, ETC.)
4. CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURE WITH RESTRICTOR & TEMPORARY PERFORATED RISER
5. STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE
6. TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE)
7. INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET & OUTLET PROTECTION
8. PERMANENTLY STABILIZE DETENTION BASIN WITH SEED AND EROSION CONTROL BLANKET
9. TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE
10. INSTALL ROADWAYS
11. PERMANENTLY STABILIZE ALL OUTLOT AREAS
12. INSTALL STRUCTURES AND GRADE INDIVIDUAL LOTS
13. PERMANENTLY STABILIZE LOTS
14. REMOVE ALL TEMPORARY SE/SC MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION

*SOIL EROSION AND SEDIMENT CONTROL INSPECTIONS MUST OCCUR AT LEAST ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OR THE END OF THE FOLLOWING BUSINESS DAY OF A 1/2" OR GREATER RAINFALL EVENT.

DRAINAGE BASINS OF LAKE COUNTY

- I. FOX RIVER WATERSHED
 1. Upper Fox River
 2. Sequoit Creek
 3. Fish Lake Drain
 4. Squaw Creek
 5. Lower Fox River
 6. Mutton Creek
 7. Slocum Lake Drain
 8. Tower Lake Drain
 9. Flint Creek
- II. DES PLAINES RIVER WATERSHED
 10. North Mill Creek
 11. Mill Creek
 12. Newport Drainage Ditch
 13. Upper Des Plaines River
 14. Bull Creek
 15. Indian Creek
 16. Lower Des Plaines River
 17. Buffalo Creek
 18. Aptakisic Creek
- III. LAKE MICHIGAN WATERSHED
 19. Kellogg Creek
 20. Dead River
 21. Waukegan River
 22. Pettibone Creek
 23. Bluff/Ravine
- IV. CHICAGO RIVER WATERSHED
 24. Skokie River
 25. Middle Fork
 26. West Fork



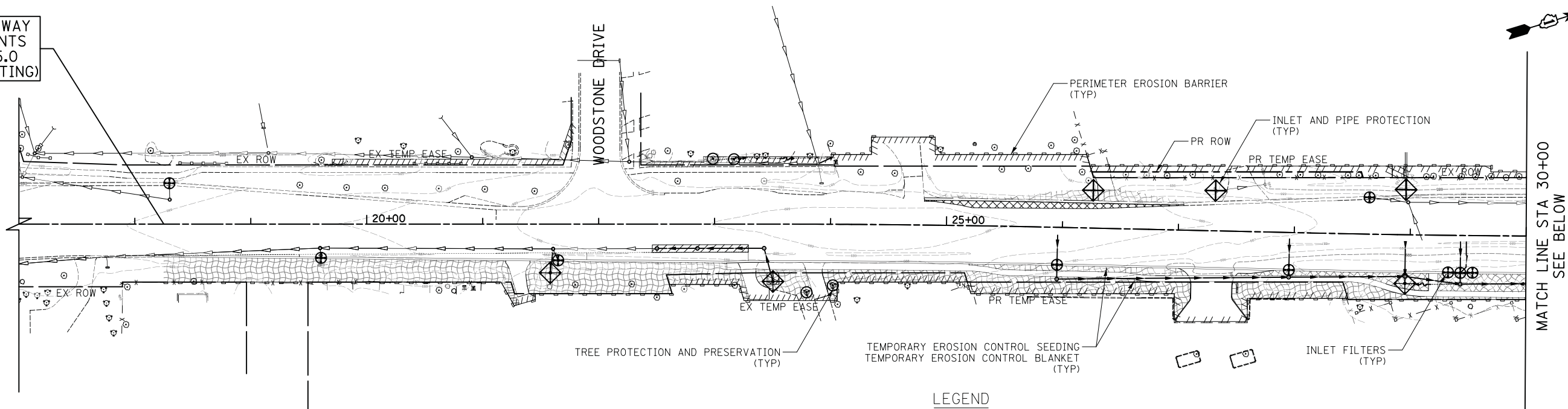
ESTIMATED QUANTITIES

3,234 FEET		PERIMETER EROSION BARRIER
70 FEET		TEMPORARY DITCH CHECKS
83 FEET		TEMPORARY DITCH CHECKS (SPECIAL) (AKA - PERMEABLE PLASTIC BERMS)
124 EACH		INLET FILTERS
52 EACH		TREE PROTECTION AND PRESERVATION
555 POUNDS		TEMPORARY EROSION CONTROL SEEDING
26,878 SQ YD		TEMPORARY EROSION CONTROL BLANKET
250 SQ YD		TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET
9,889 SQ YD		EROSION CONTROL BLANKET
150 EACH		FLOCCULATION LOGS
5 POUNDS		FLOCCULATION POWDER
8,979 FEET		TEMPORARY FENCE
55 CU YD		EARTH EXCAVATION FOR EROSION CONTROL
54 TONS		STONE RIPRAP, CLASS A1
19 TONS		STONE RIPRAP, CLASS A3
259 TONS		STONE RIPRAP, CLASS A4
327 SQ YD		FILTER FABRIC

	DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL							
SURVEY							
NOTE							
BOOK							
NO.							

	DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL							
SURVEY							
NOTE							
BOOK							
NO.							

BEGIN ROADWAY IMPROVEMENTS STA 18+25.0 (MATCH EXISTING)



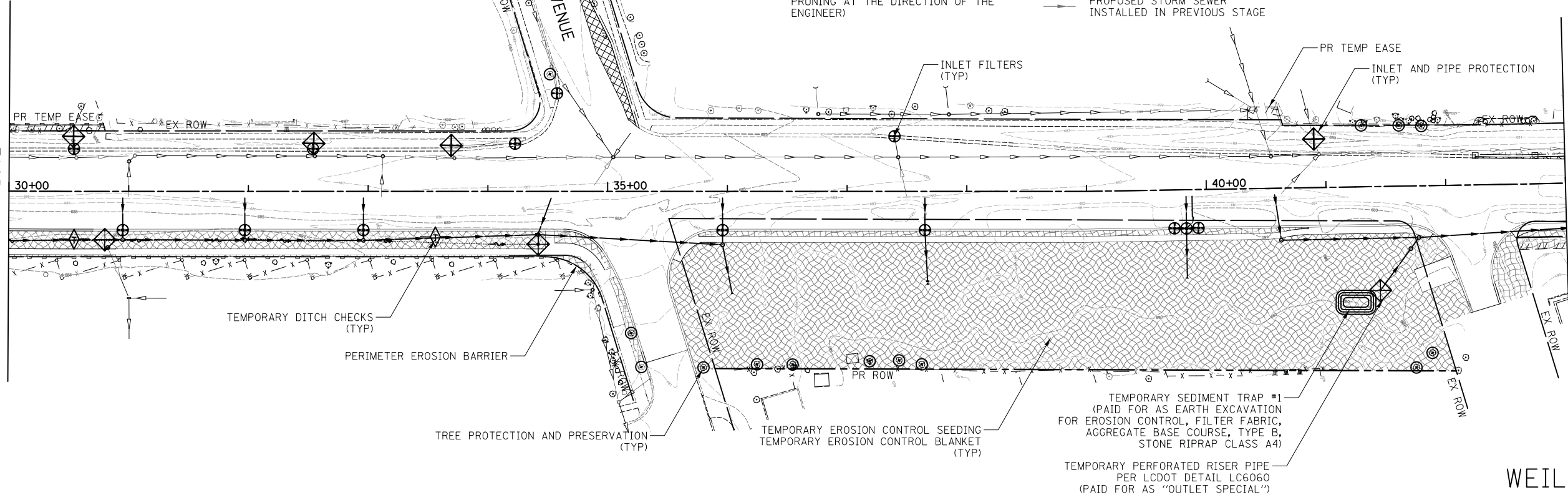
MATCH LINE STA 30+00
SEE BELOW

LEGEND

- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- INLET FILTERS
- PERIMETER EROSION BARRIER
- EXISTING TREES
- PROPOSED STORM SEWER
- TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- WETLAND
- TEMPORARY PAVING DURING STAGE
- TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
- INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
- INLET FILTERS INSTALLED IN PREVIOUS STAGE
- PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
- PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE

WEILAND ROAD

MATCH LINE STA 30+00
SEE ABOVE



MATCH LINE STA 43+00
SEE SHEET NO 78

WEILAND ROAD

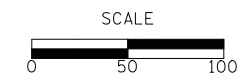
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

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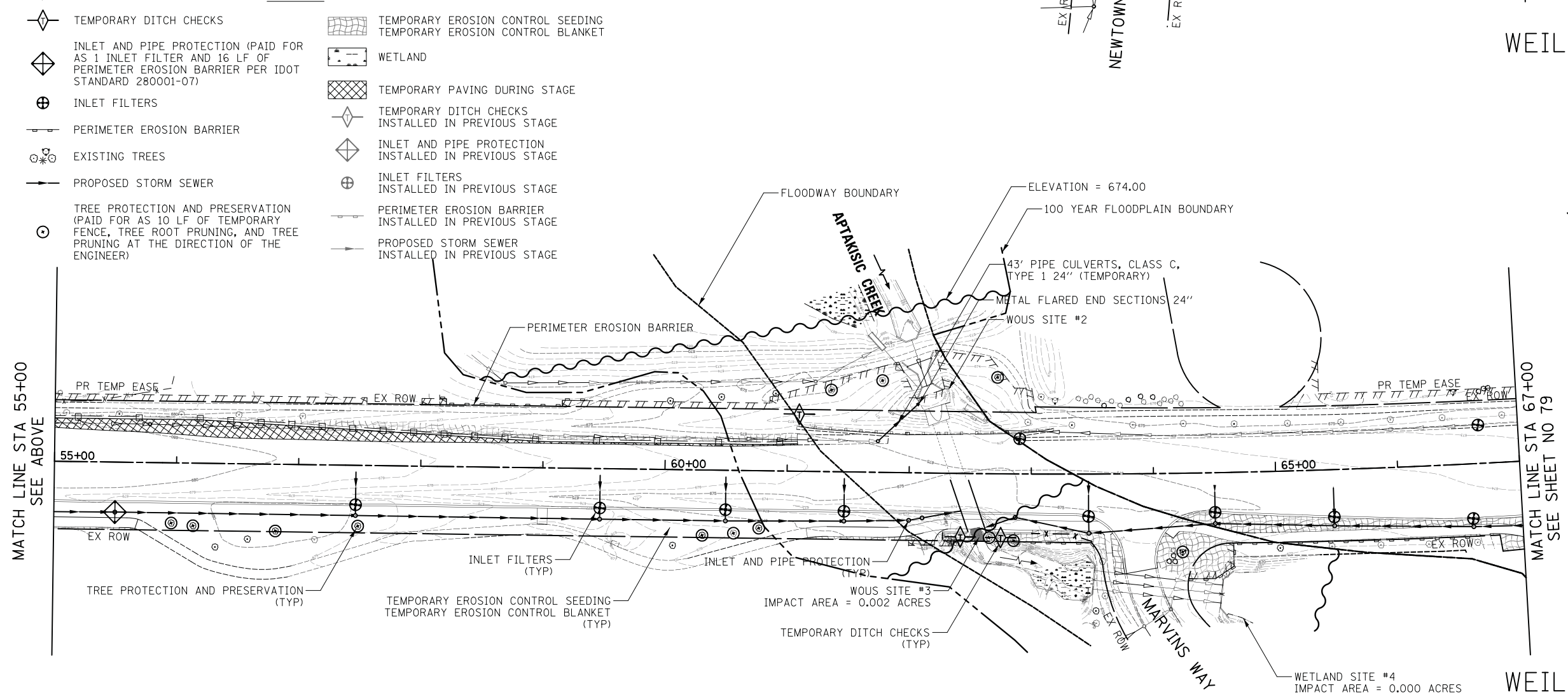
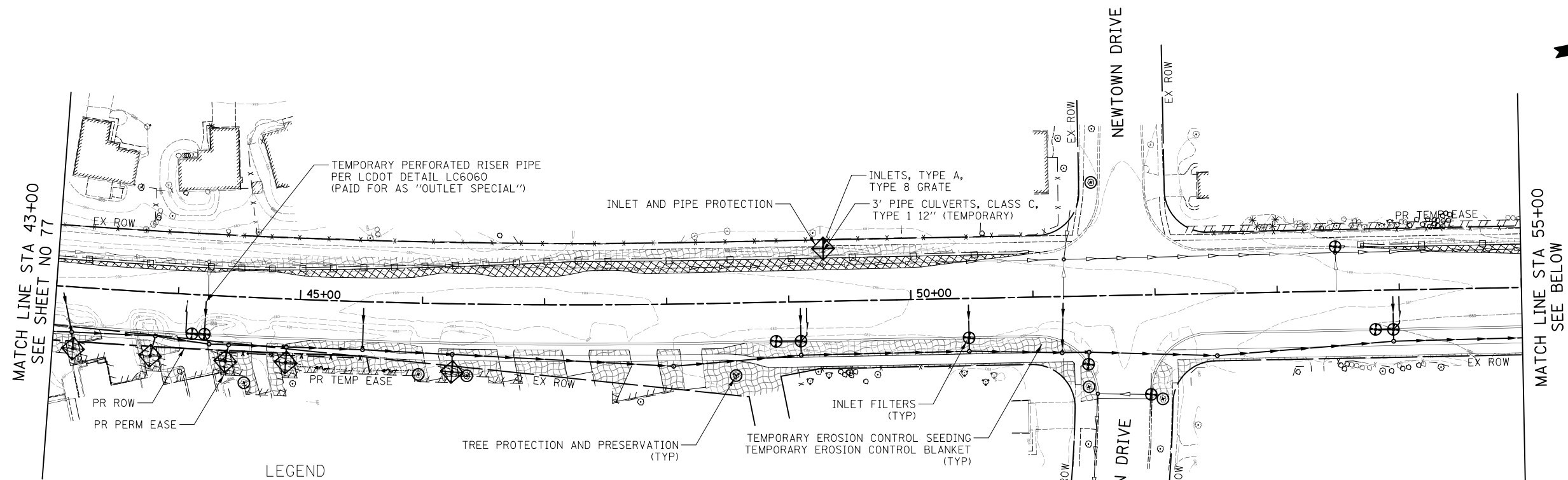
EROSION CONTROL PLANS - STAGE I

SHEET NO. 1 OF 3 SHEETS STA. 17+00.0 TO STA. 43+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	77
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
NO.	
FINISH SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED

DATE	BY
NO.	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
	AREAS CHECKED



LEGEND

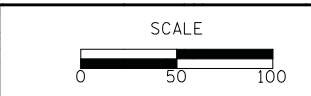
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- INLET FILTERS
- PERIMETER EROSION BARRIER
- EXISTING TREES
- PROPOSED STORM SEWER
- TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- WETLAND
- TEMPORARY PAVING DURING STAGE
- TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
- INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
- INLET FILTERS INSTALLED IN PREVIOUS STAGE
- PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
- PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE

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REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



EROSION CONTROL PLANS - STAGE I

SHEET NO. 2 OF 3 SHEETS STA. 43+00.0 TO STA. 67+00.0

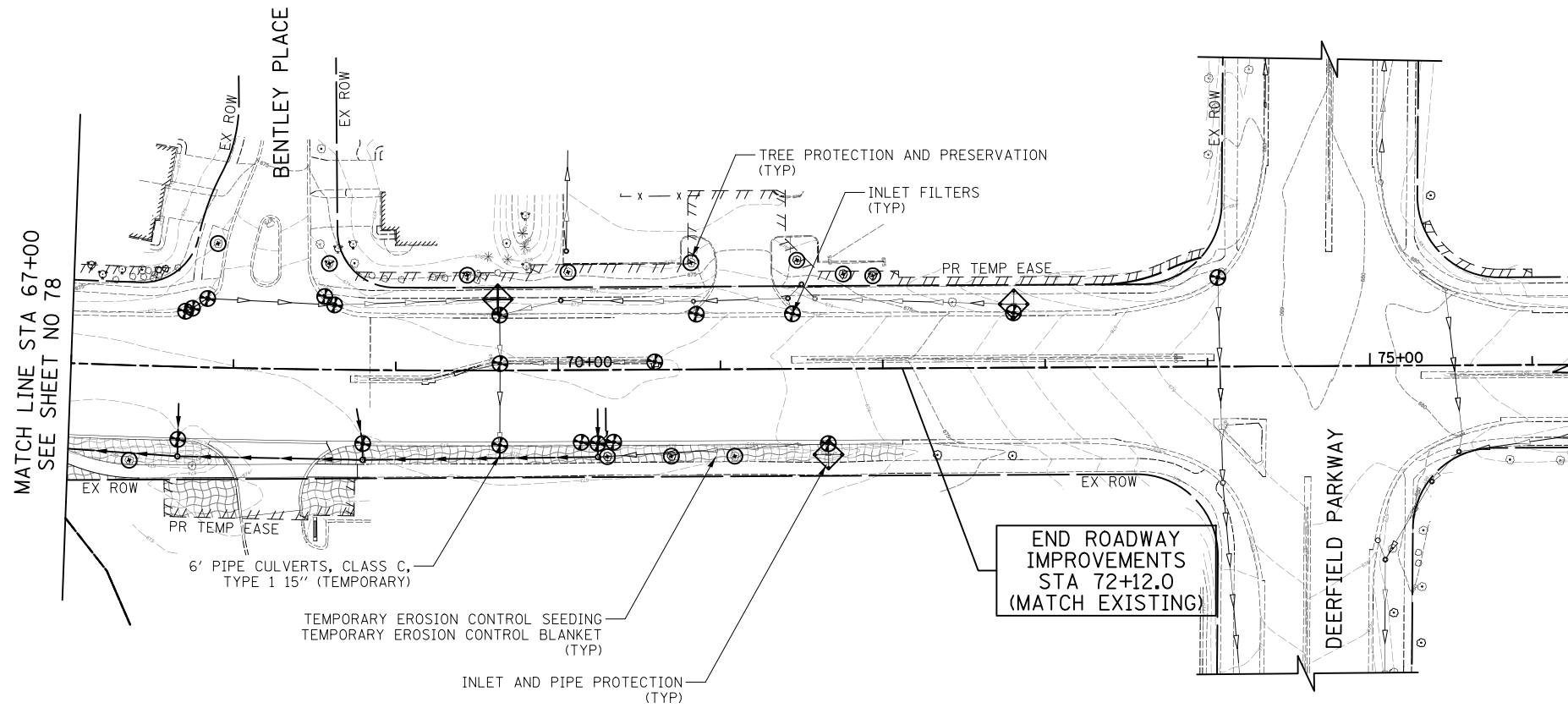
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	78
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

LEGEND

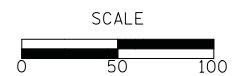
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- INLET FILTERS
- PERIMETER EROSION BARRIER
- EXISTING TREES
- PROPOSED STORM SEWER
- TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- WETLAND
- TEMPORARY PAVING DURING STAGE
- TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
- INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
- INLET FILTERS INSTALLED IN PREVIOUS STAGE
- PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
- PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE



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DATE - 10/8/2018	REVISED -

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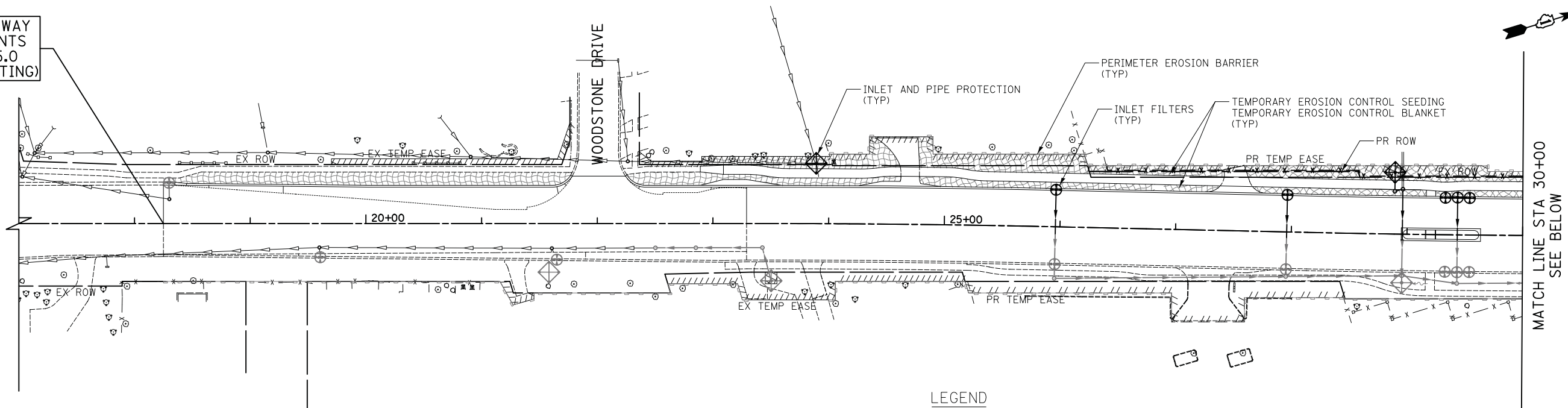
EROSION CONTROL PLANS - STAGE I

SHEET NO. 3 OF 3 SHEETS STA. 67+00.0 TO STA. 72+12.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	79
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

WEILAND ROAD

BEGIN ROADWAY IMPROVEMENTS STA 18+25.0 (MATCH EXISTING)



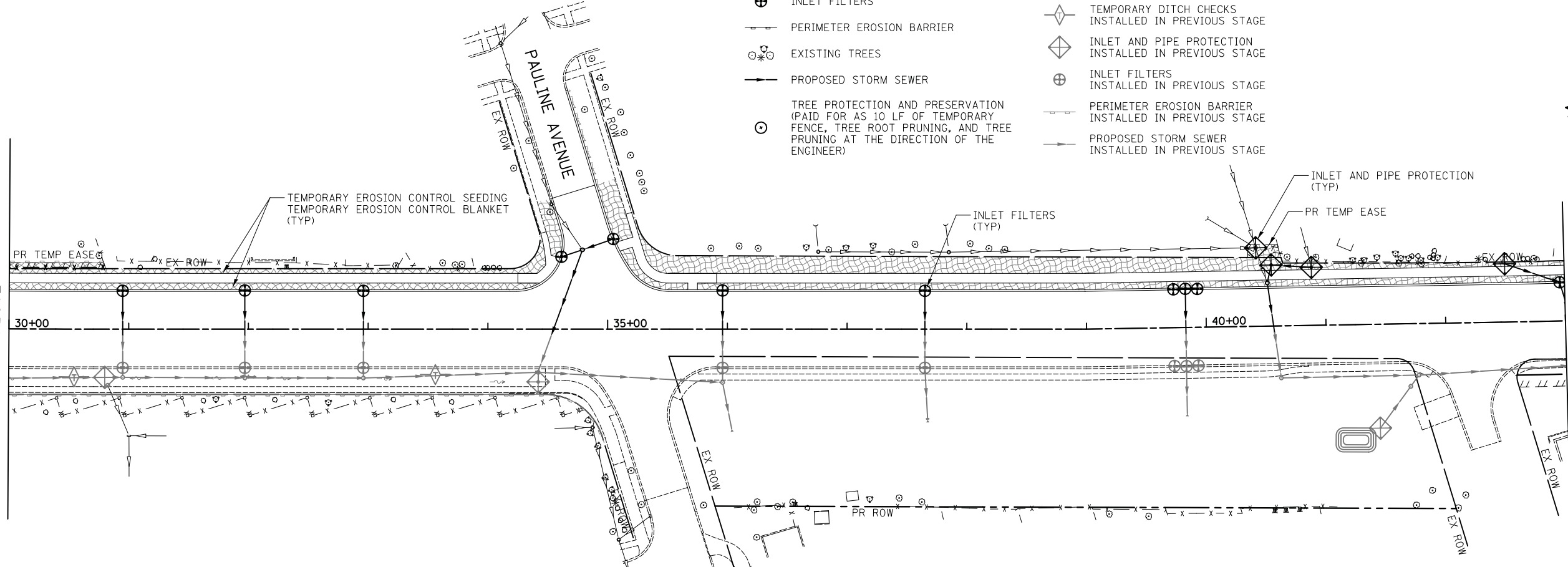
MATCH LINE STA 30+00
SEE BELOW

LEGEND

- ◇ TEMPORARY DITCH CHECKS
- ◇ INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- ⊕ INLET FILTERS
- PERIMETER EROSION BARRIER
- ⊙ EXISTING TREES
- PROPOSED STORM SEWER
- ⊙ TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
- ▨ TEMPORARY EROSION CONTROL SEEDING
▨ TEMPORARY EROSION CONTROL BLANKET
- ▨ WETLAND
- ▨ TEMPORARY PAVING DURING STAGE
- ◇ TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
- ◇ INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
- ⊕ INLET FILTERS INSTALLED IN PREVIOUS STAGE
- PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
- PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE

WEILAND ROAD

MATCH LINE STA 30+00
SEE ABOVE



MATCH LINE STA 43+00
SEE SHEET NO 81

WEILAND ROAD

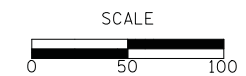
DATE	
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	

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CHECKED - JRV	REVISED -
DATE - 10/8/2018	REVISED -

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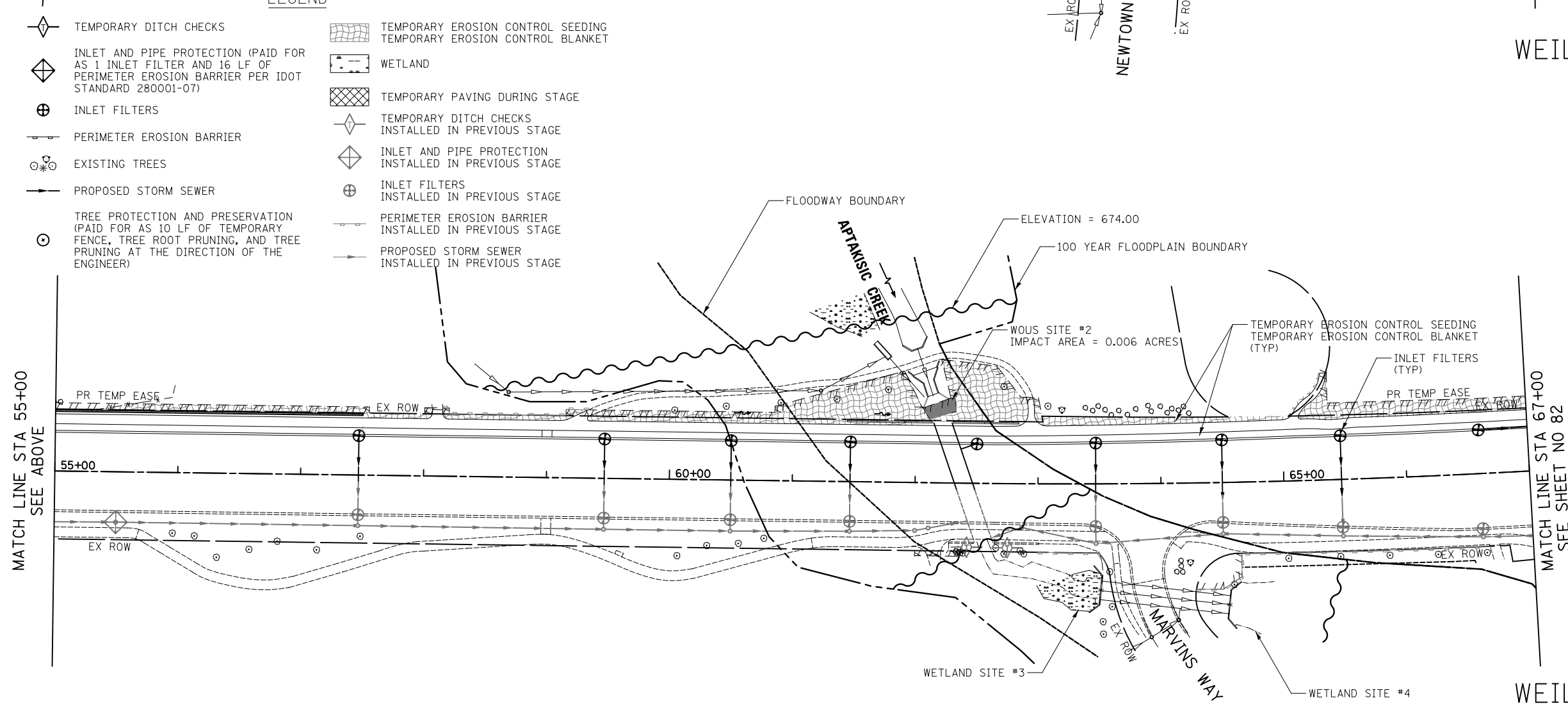
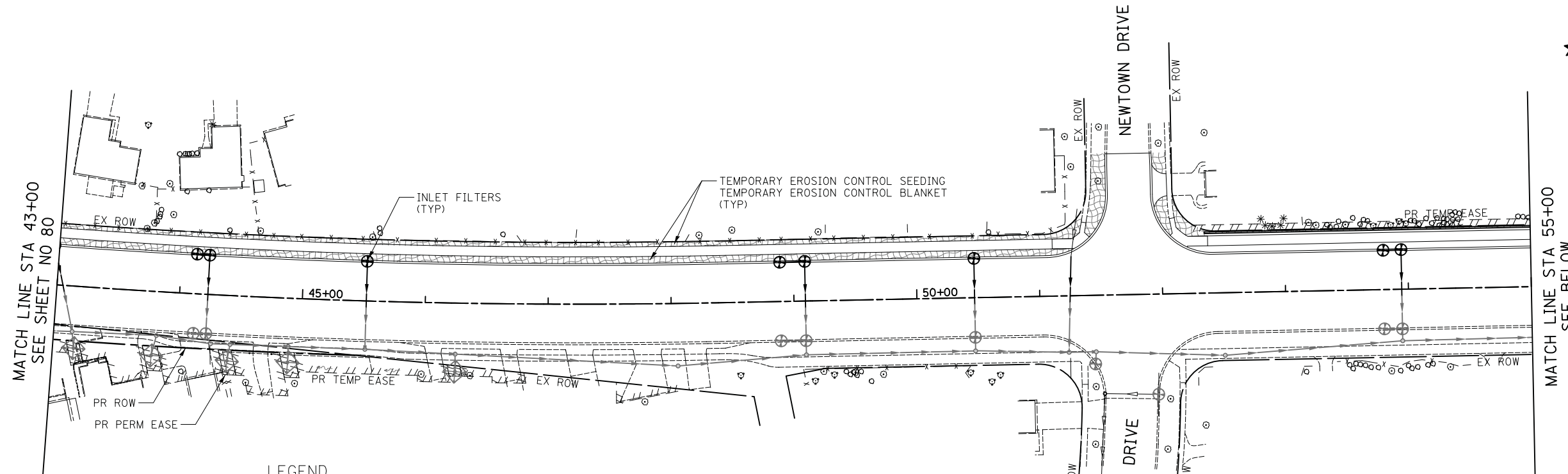
EROSION CONTROL PLANS - STAGE II

SHEET NO. 1 OF 3 SHEETS STA. 17+00.0 TO STA. 43+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	80
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



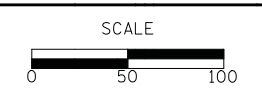
LEGEND

	TEMPORARY DITCH CHECKS		TEMPORARY EROSION CONTROL SEEDING
	INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)		TEMPORARY EROSION CONTROL BLANKET
	INLET FILTERS		WETLAND
	PERIMETER EROSION BARRIER		TEMPORARY PAVING DURING STAGE
	EXISTING TREES		TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
	PROPOSED STORM SEWER		INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
	TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)		INLET FILTERS INSTALLED IN PREVIOUS STAGE
			PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
			PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE

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DATE - 10/8/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



















EROSION CONTROL PLANS - STAGE II
 SHEET NO. 2 OF 3 SHEETS STA. 43+00.0 TO STA. 67+00.0

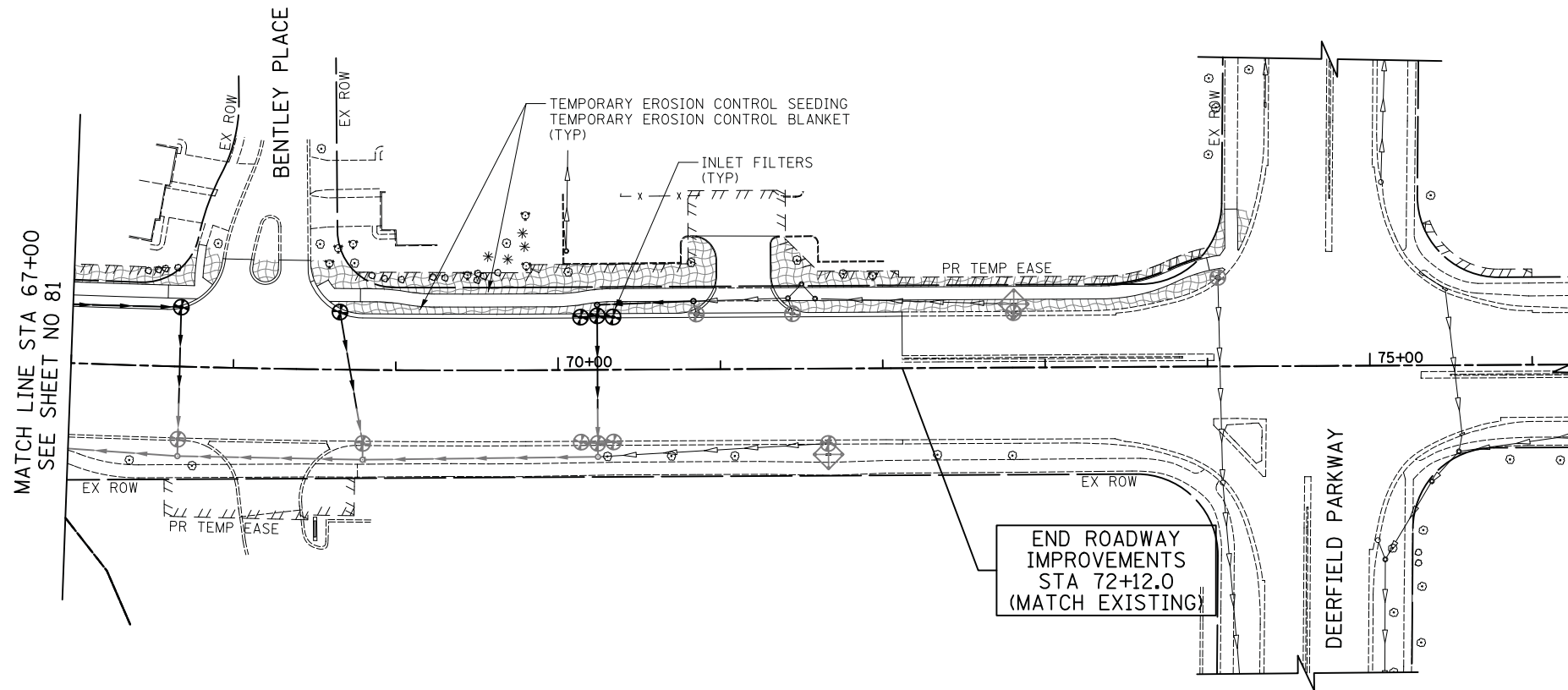
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	81
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

LEGEND

-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
-  INLET FILTERS
-  PERIMETER EROSION BARRIER
-  EXISTING TREES
-  PROPOSED STORM SEWER
-  TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
-  TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY EROSION CONTROL BLANKET
-  WETLAND
-  TEMPORARY PAVING DURING STAGE
-  TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
-  INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
-  INLET FILTERS INSTALLED IN PREVIOUS STAGE
-  PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
-  PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE

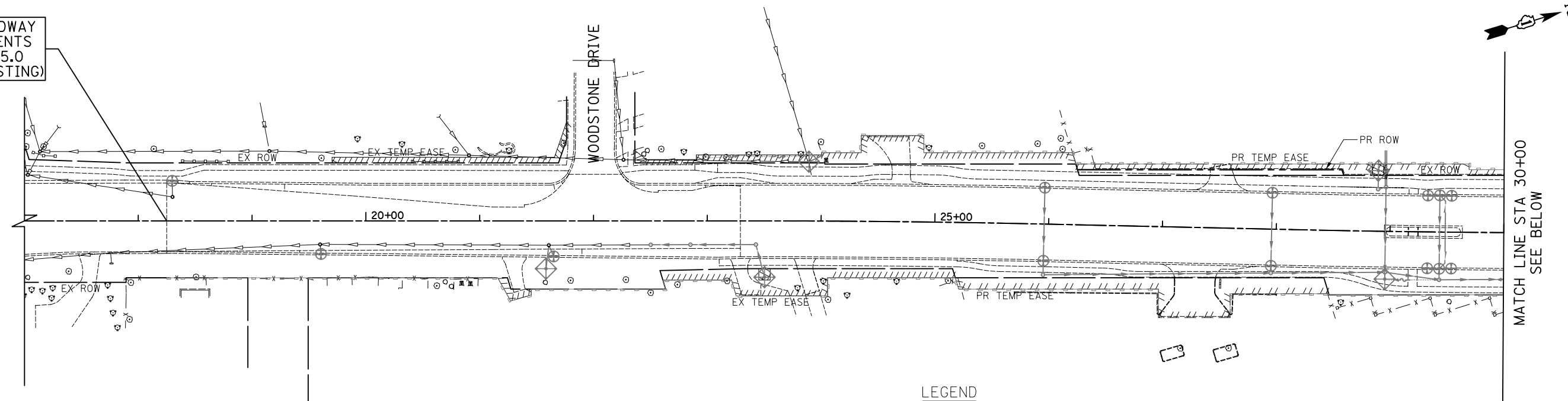


BEGIN ROADWAY IMPROVEMENTS STA 18+25.0 (MATCH EXISTING)



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
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TEMPLATE	
AREAS CHECKED	
NO.	



MATCH LINE STA 30+00
SEE BELOW

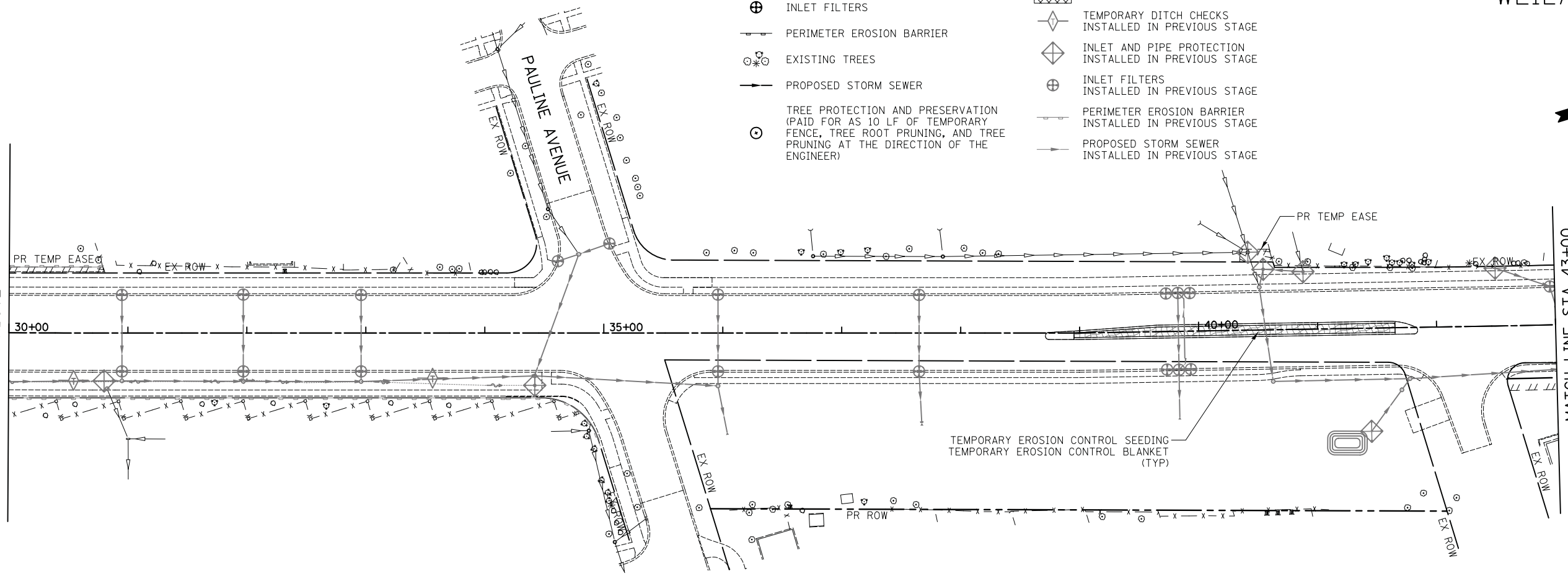
LEGEND

- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- INLET FILTERS
- PERIMETER EROSION BARRIER
- EXISTING TREES
- PROPOSED STORM SEWER
- TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- WETLAND
- TEMPORARY PAVING DURING STAGE
- TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
- INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
- INLET FILTERS INSTALLED IN PREVIOUS STAGE
- PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
- PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE

WEILAND ROAD



MATCH LINE STA 30+00
SEE ABOVE



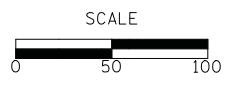
MATCH LINE STA 43+00
SEE SHEET NO 84

WEILAND ROAD

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DATE - 10/8/2018	REVISED -

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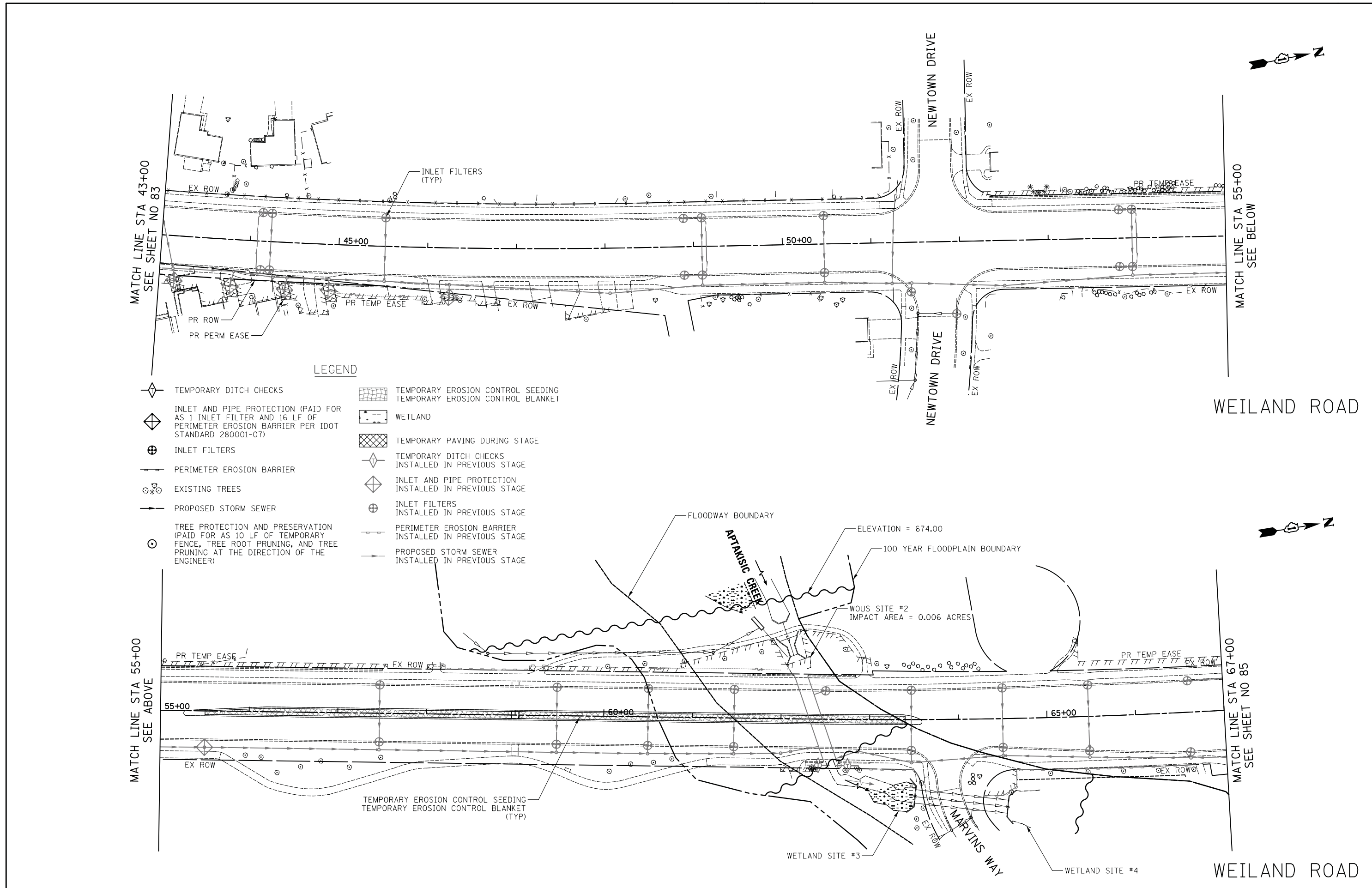
EROSION CONTROL PLANS - STAGE III

SHEET NO. 1 OF 3 SHEETS STA. 17+00.0 TO STA. 43+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	83
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	TEMPLATE	
	AREAS CHECKED	

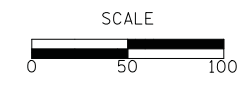


- LEGEND**
- ◇ TEMPORARY DITCH CHECKS
 - ◇ INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
 - ⊕ INLET FILTERS
 - PERIMETER EROSION BARRIER
 - ⊙ EXISTING TREES
 - PROPOSED STORM SEWER
 - ⊙ TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
 - ▨ TEMPORARY EROSION CONTROL SEEDING
 - ▨ TEMPORARY EROSION CONTROL BLANKET
 - WETLAND
 - ▨ TEMPORARY PAVING DURING STAGE
 - ◇ TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
 - ◇ INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
 - ⊕ INLET FILTERS INSTALLED IN PREVIOUS STAGE
 - PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
 - PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE

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EROSION CONTROL PLANS - STAGE III

SHEET NO. 2 OF 3 SHEETS STA. 43+00.0 TO STA. 67+00.0

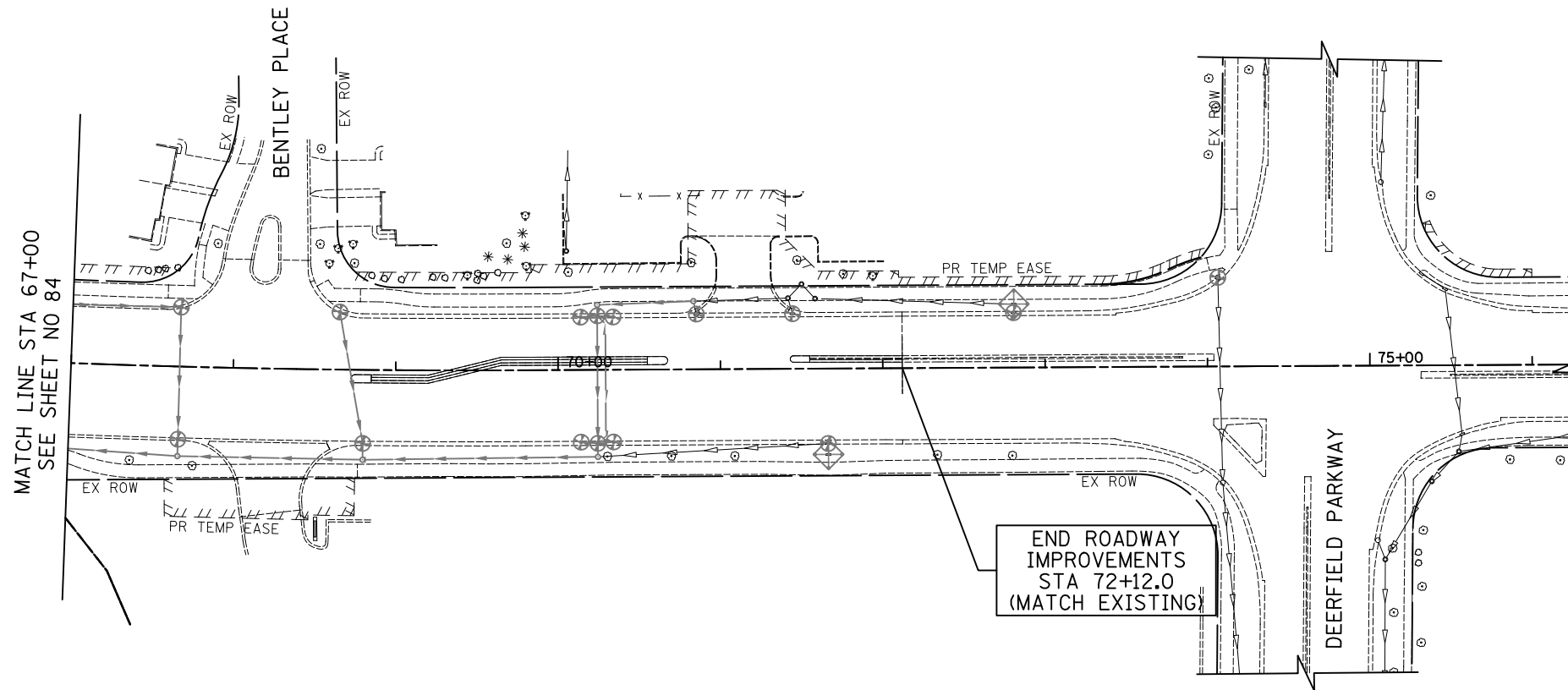
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	84
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	CHECKED	

LEGEND

- ◇ TEMPORARY DITCH CHECKS
- ◇ INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- ⊕ INLET FILTERS
- PERIMETER EROSION BARRIER
- ⊙ EXISTING TREES
- PROPOSED STORM SEWER
- ⊙ TREE PROTECTION AND PRESERVATION (PAID FOR AS 10 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- WETLAND
- TEMPORARY PAVING DURING STAGE
- ◇ TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
- ◇ INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
- ⊕ INLET FILTERS INSTALLED IN PREVIOUS STAGE
- PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
- PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE



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EROSION CONTROL PLANS - STAGE III

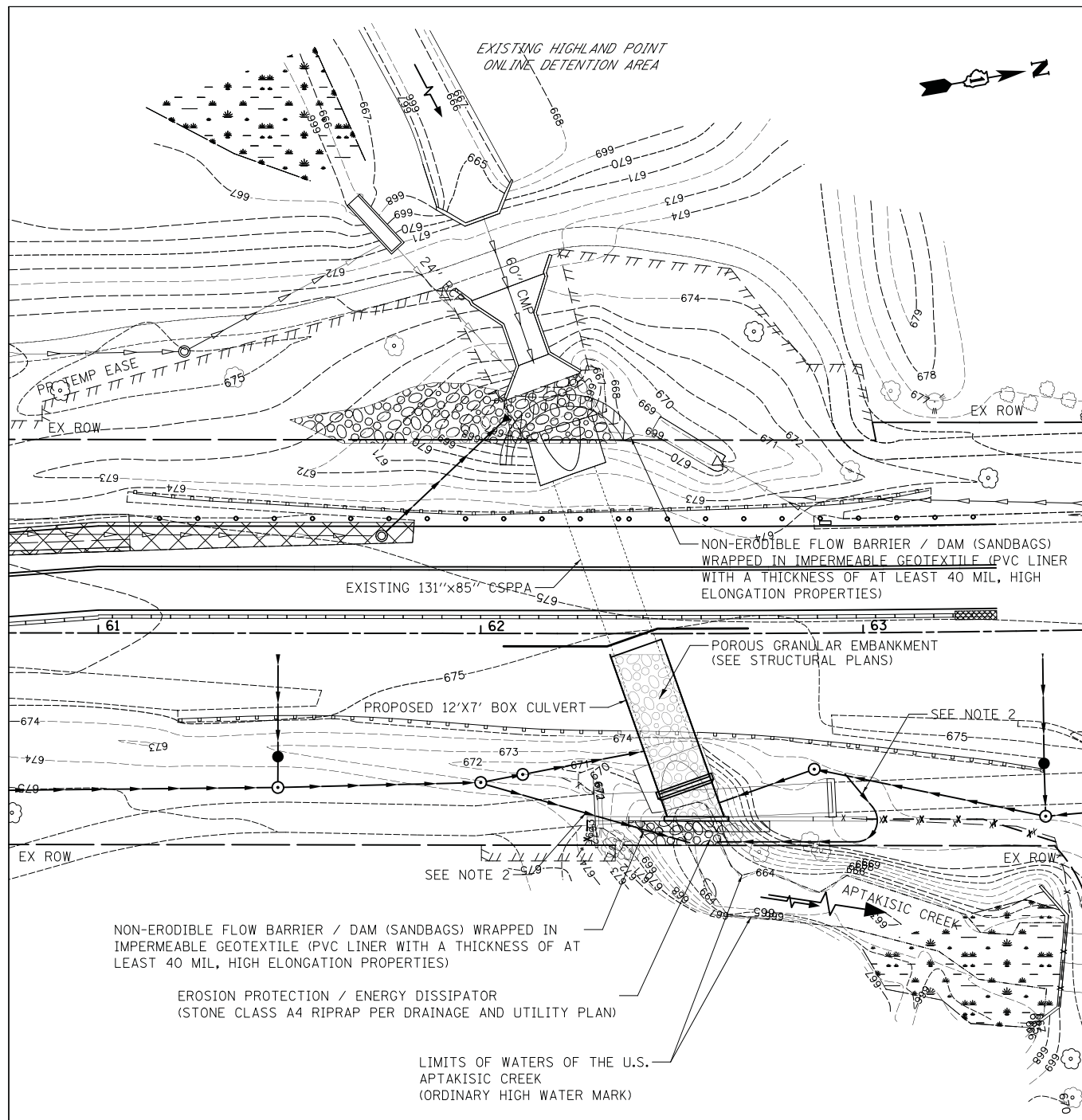
SHEET NO. 3 OF 3 SHEETS STA. 67+00.0 TO STA. 72+12.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	85
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

WEILAND ROAD

DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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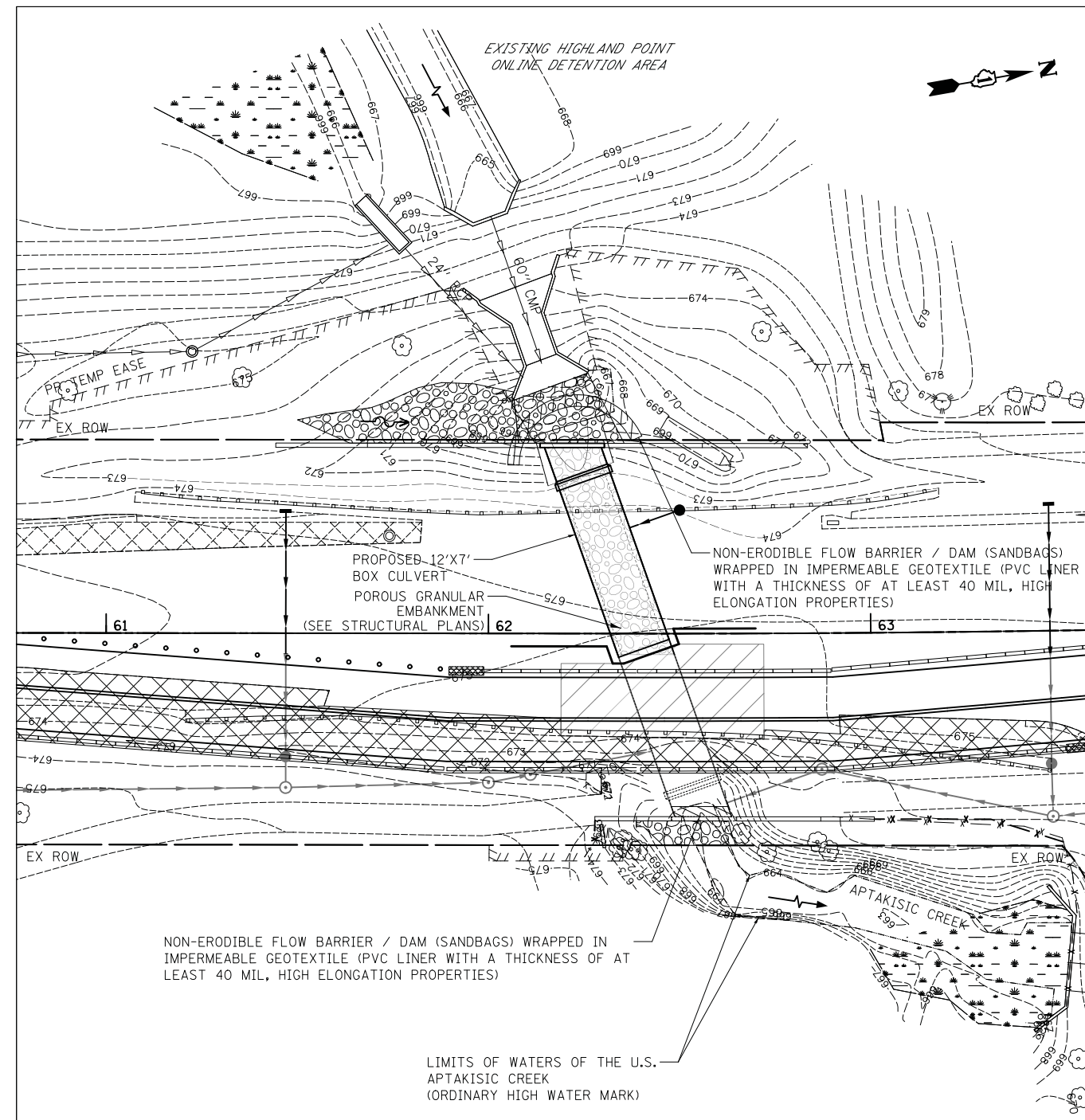
NOTE:

1. NON-ERODIBLE FLOW BARRIER/DAM WILL ONLY BE ALLOWED TO REMAIN IN PLACE FOR 24 HOURS BEFORE WATER MUST BE RELEASED SLOWLY BACK INTO CULVERT AREA. THE FLOW BARRIER SHALL BE NO HIGHER THAN 4 FEET.
2. BLADDER BULKHEAD DOWNSTREAM END OF PIPES CONNECTING TO THE PROPOSED BOX CULVERT IN THE NEAREST UPSTREAM MANHOLE. DIVERT STORM SEWER FLOW BY PUMP AND PIPE TO THE DOWNSTREAM SIDE OF THE PROPOSED CULVERT (INCLUDED IN THE COST OF DEWATERING).
3. NON-ERODIBLE FLOW BARRIER AND DEWATERING WORK SHALL BE INCLUDED IN THE COST OF THE BOX CULVERT INSTALLATION.
4. THE APTAKISIC CREEK CULVERT REMOVAL AND INSTALLATION WORK SHALL BE TIMED TO TAKE PLACE DURING LOW-FLOW CONDITIONS.

CONSTRUCTION SEQUENCING

1. INSTALL S.E.S.C. AND TRAFFIC CONTROL MEASURES.
2. SET UP FLOW BARRIERS. REMOVE EXISTING CULVERT ON EAST HALF OF WEILAND ROAD. PLACE 12" AGGREGATE SUBGRADE IMPROVEMENT AND LINE BOTH SIDES OF THE EXCAVATION TRENCH WITH PERIMETER EROSION BARRIER. SLOWLY REMOVE FLOW BARRIER NO MORE THAN 24 HOURS AFTER SETUP.
3. SET UP FLOW BARRIERS. DEWATER WORK AREA. INSTALL PROPOSED BOX CULVERT ON EAST HALF OF WEILAND ROAD. SLOWLY REMOVE FLOW BARRIER NO MORE THAN 24 HOURS AFTER SETUP.
4. INSTALL END SECTION AND WING WALLS ON THE EAST SIDE OF WEILAND ROAD WHILE UTILIZING BYPASS PUMPING TO KEEP THE WORK ZONE DRY.

PRESTAGE 1 – BOX CULVERT INSTALLATION PLAN



NOTE:

1. NON-ERODIBLE FLOW BARRIER/DAM WILL ONLY BE ALLOWED TO REMAIN IN PLACE FOR 24 HOURS BEFORE WATER MUST BE RELEASED SLOWLY BACK INTO CULVERT AREA. THE FLOW BARRIER SHALL BE NO HIGHER THAN 4 FEET.
2. BLADDER BULKHEAD DOWNSTREAM END OF PIPES CONNECTING TO THE PROPOSED BOX CULVERT IN THE NEAREST UPSTREAM MANHOLE. DIVERT STORM SEWER FLOW BY PUMP AND PIPE TO THE DOWNSTREAM SIDE OF THE PROPOSED CULVERT (INCLUDED IN THE COST OF DEWATERING).
3. NON-ERODIBLE FLOW BARRIER AND DEWATERING WORK SHALL BE INCLUDED IN THE COST OF THE BOX CULVERT INSTALLATION.
4. THE APTAKISIC CREEK CULVERT REMOVAL AND INSTALLATION WORK SHALL BE TIMED TO TAKE PLACE DURING LOW-FLOW CONDITIONS.

CONSTRUCTION SEQUENCING

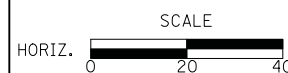
1. IMMEDIATELY AFTER END SECTION AND WING WALLS ARE CONSTRUCTED ON THE EAST SIDE, INSTALL S.E.S.C. AND TRAFFIC CONTROL MEASURES AND SHIFT TRAFFIC TO THE EAST SIDE OF WEILAND ROAD.
2. SET UP FLOW BARRIERS. REMOVE EXISTING CULVERT ON WEST HALF OF WEILAND ROAD. PLACE 12" AGGREGATE SUBGRADE IMPROVEMENT AND LINE BOTH SIDES OF THE EXCAVATION TRENCH WITH PERIMETER EROSION BARRIER. SLOWLY REMOVE FLOW BARRIER NO MORE THAN 24 HOURS AFTER SETUP.
3. SET UP FLOW BARRIERS. DEWATER WORK AREA. INSTALL PROPOSED BOX CULVERT ON WEST HALF OF WEILAND ROAD. SLOWLY REMOVE FLOW BARRIER NO MORE THAN 24 HOURS AFTER SETUP.
4. INSTALL END SECTION AND WING WALLS ON THE WEST SIDE OF WEILAND ROAD WHILE UTILIZING BYPASS PUMPING TO KEEP THE WORK ZONE DRY.

PRESTAGE 2 – BOX CULVERT INSTALLATION PLAN

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 Itasca, Illinois 60143
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DRAWN - JSG	REVISED -
CHECKED - TKL	REVISED -
DATE - 10/8/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**













BOX CULVERT INSTALLATION PLAN

SHEET NO. 1 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	86
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT				

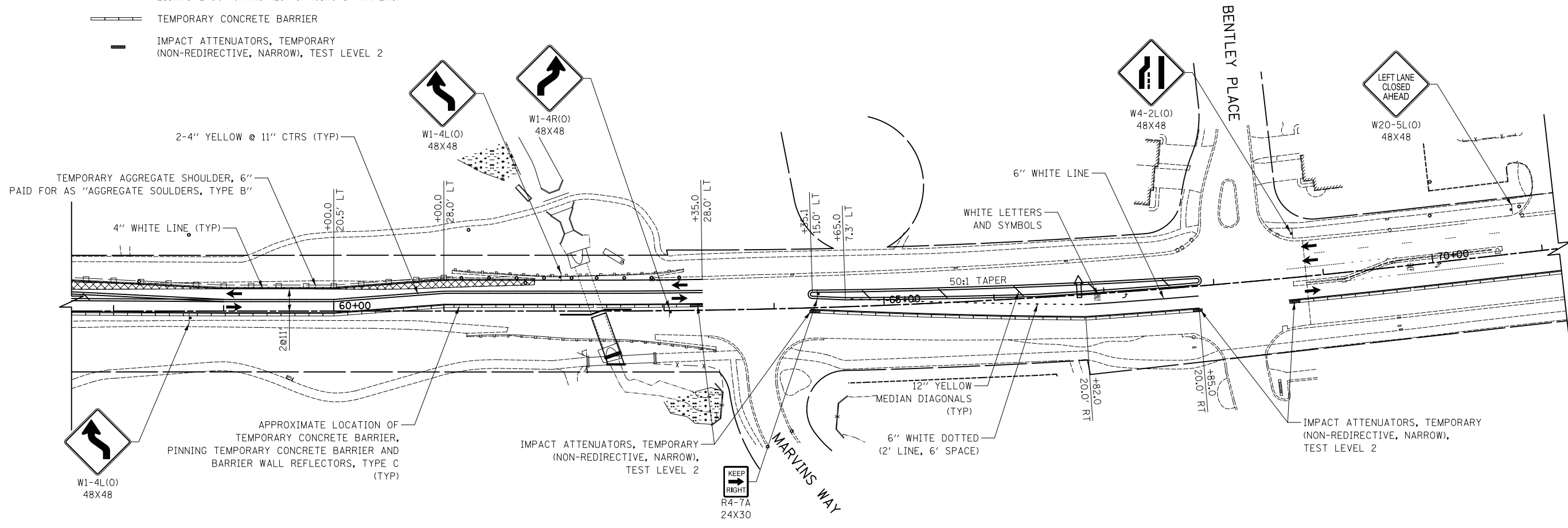
LEGEND

-  TEMPORARY PAVING
-  PATCHING
-  DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
-  DIRECTION OF TRAFFIC PATTERNS
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
-  ARROW BOARD
-  VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS)
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2



DATE	
BY	
NO.	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

DATE	
BY	
NO.	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



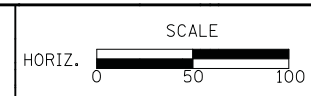
NOTES:
 ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.

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BOX CULVERT INSTALLATION
MAINTENANCE OF TRAFFIC - PRESTAGE 1

SHEET NO. 2 OF 4 SHEETS STA. TO STA.

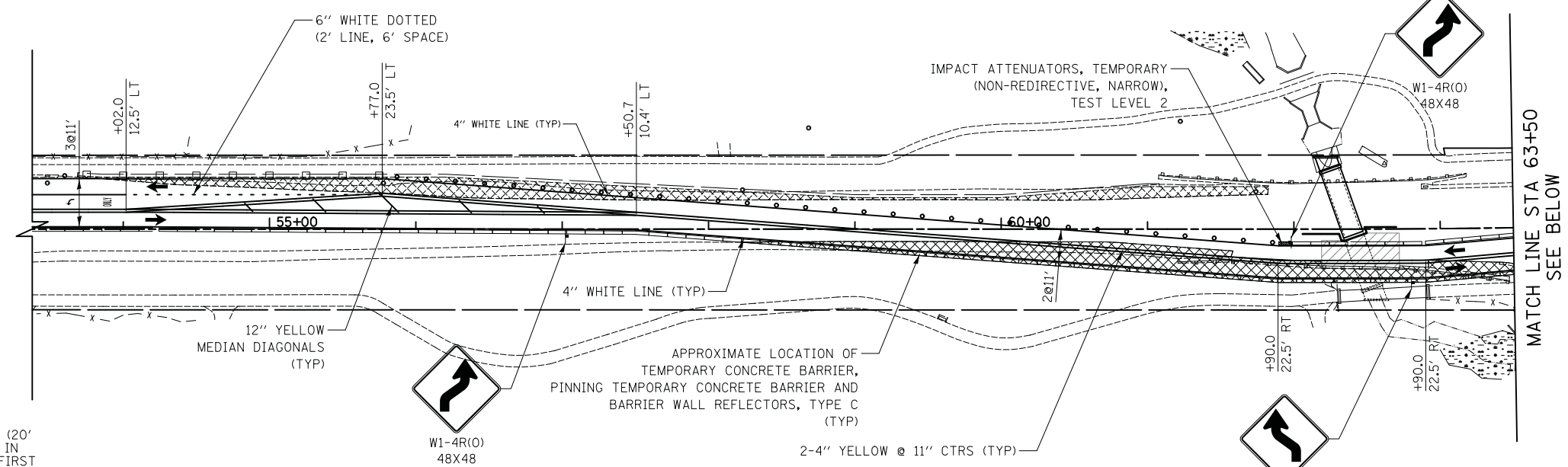
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	87
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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TEMPLATE	
NOTE BOOK	
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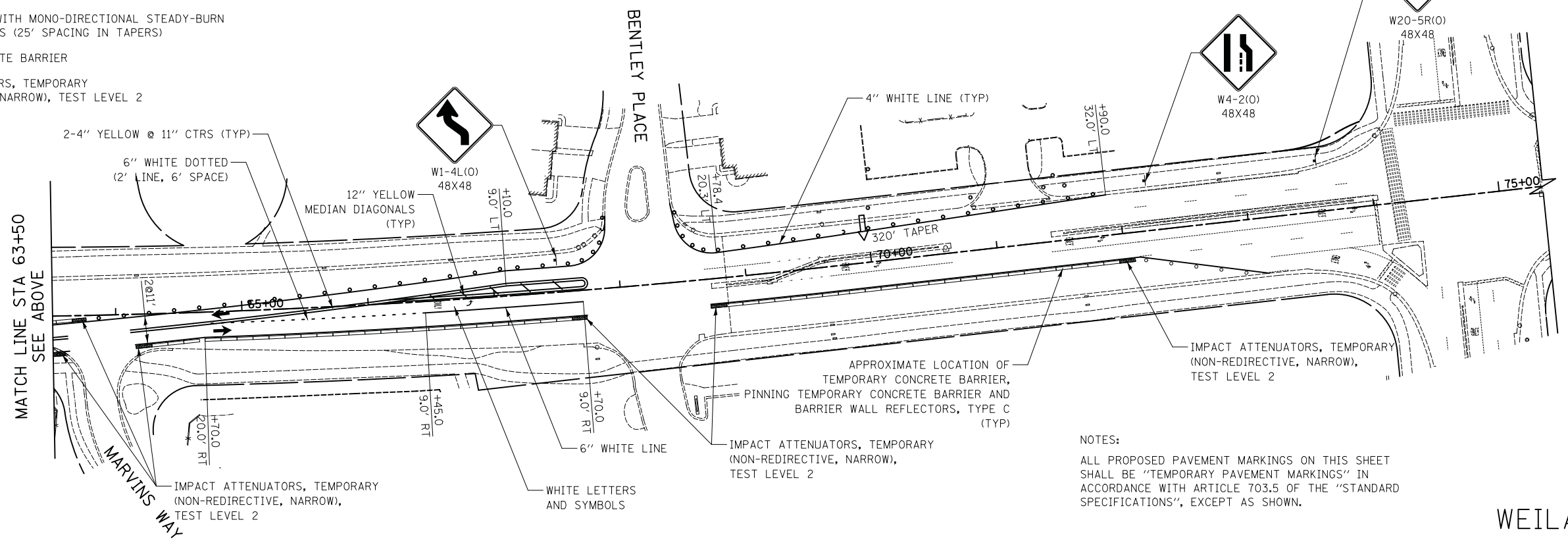
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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- LEGEND**
- TEMPORARY PAVING
 - PATCHING
 - DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)
 - DIRECTION OF TRAFFIC PATTERNS
 - TYPE III BARRICADE WITH FLASHING LIGHTS
 - TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
 - ARROW BOARD
 - VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (25' SPACING IN TAPERS)
 - TEMPORARY CONCRETE BARRIER
 - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2



MATCH LINE STA 63+50
SEE BELOW

WEILAND ROAD



MATCH LINE STA 63+50
SEE ABOVE

MARVINS WAY

BENTLEY PLACE

NOTES:
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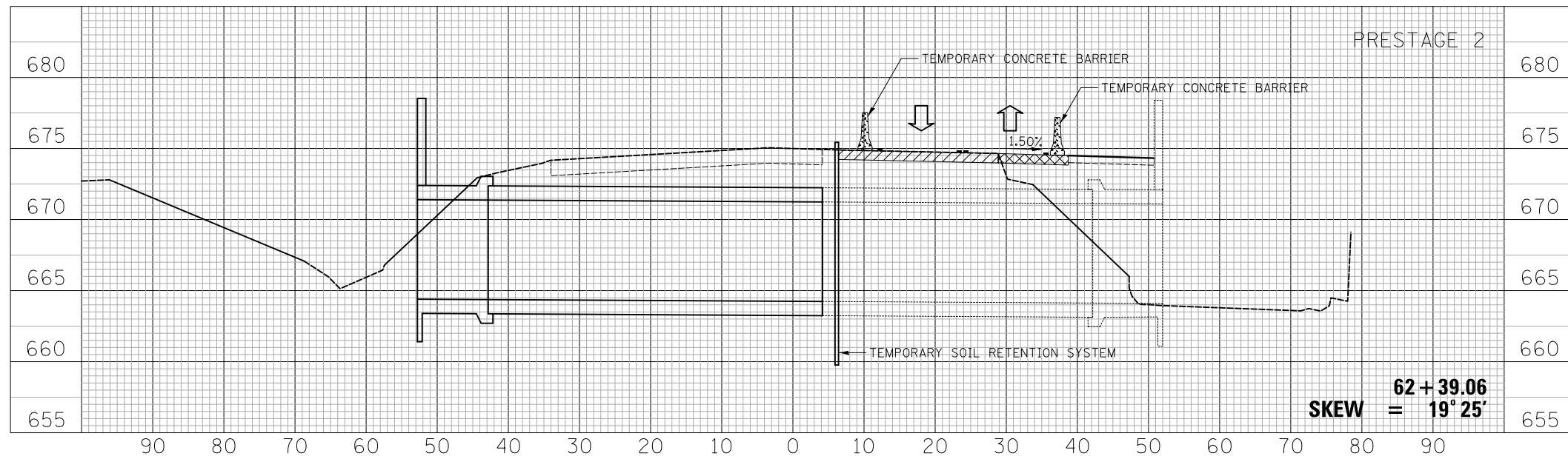
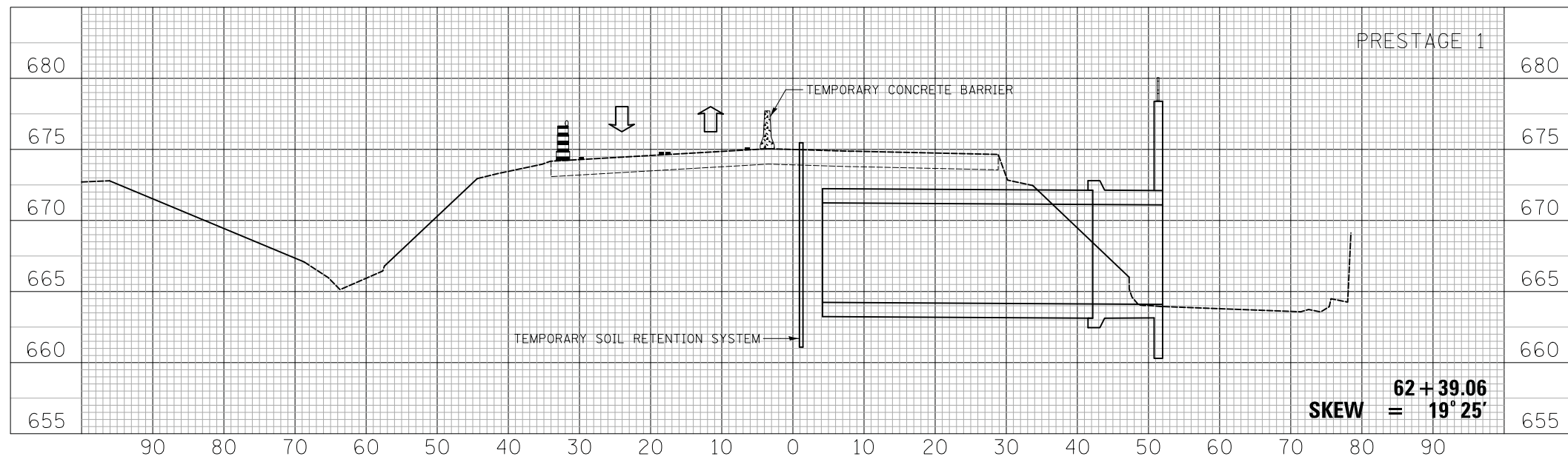
**BOX CULVERT INSTALLATION
MAINTENANCE OF TRAFFIC - PRESTAGE 2**

SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	88
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

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NOTE BOOK	AREAS CHECKED
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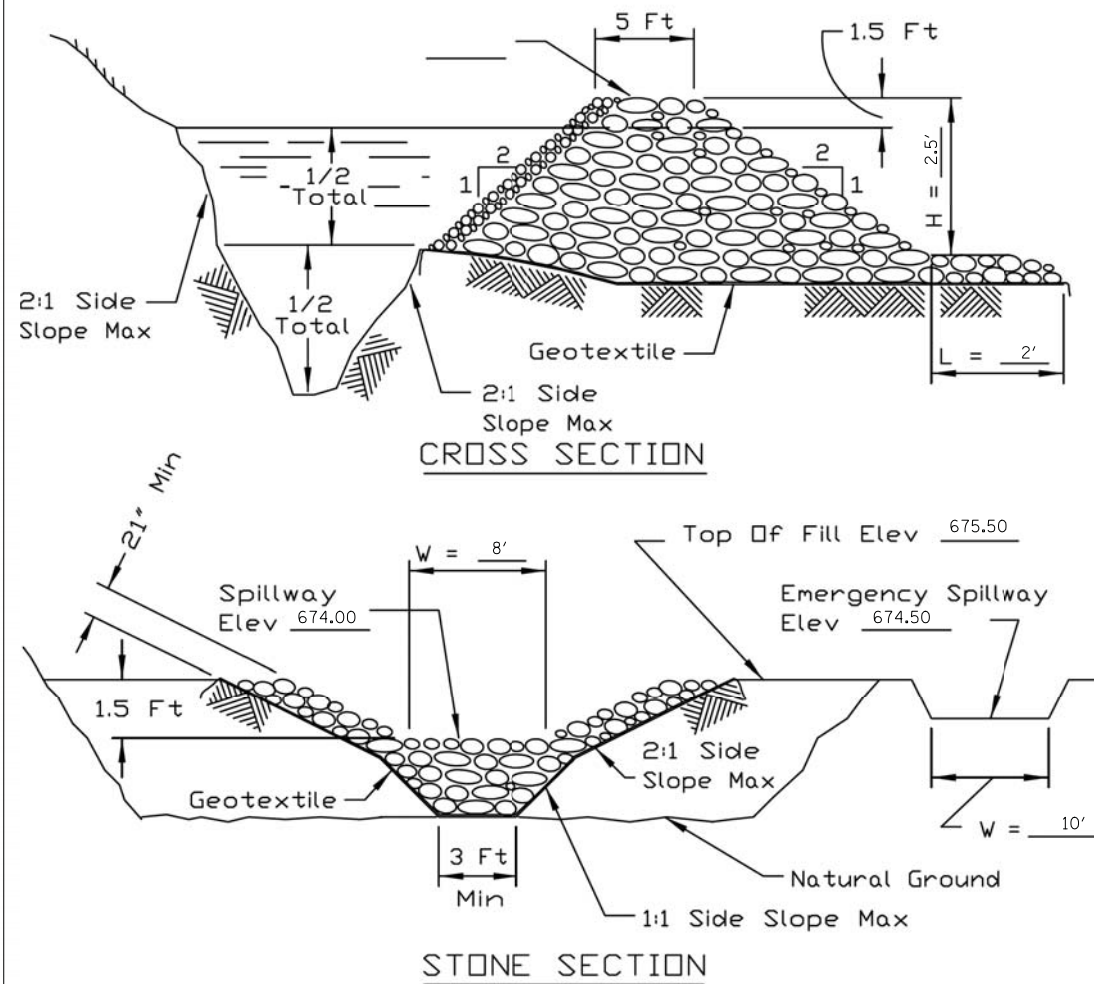
DATE	BY
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NOTE BOOK	AREAS CHECKED
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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	

TEMPORARY SEDIMENT TRAP #1



NOTES:

1. If the sediment pool is formed or enlarged the side slope will be 2:1 or flatter.
2. The fill shall be constructed using IDOT RR-4 stone size. A 1' layer of IDOT CA-2 should be placed on the inside face to reduce the flow rate.
3. The rock will be placed according to construction specification 25 ROCKFILL. Placement will be by Method 1 and compaction will be class III.
4. The geotextile shall meet the requirements in material specification 592 GEOTEXTILE table 1 or 2, class I, II or IV.

STA. 41 + 25, 97' RT



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EROSION CONTROL PLAN DETAILS

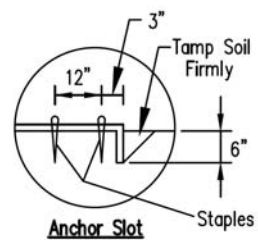
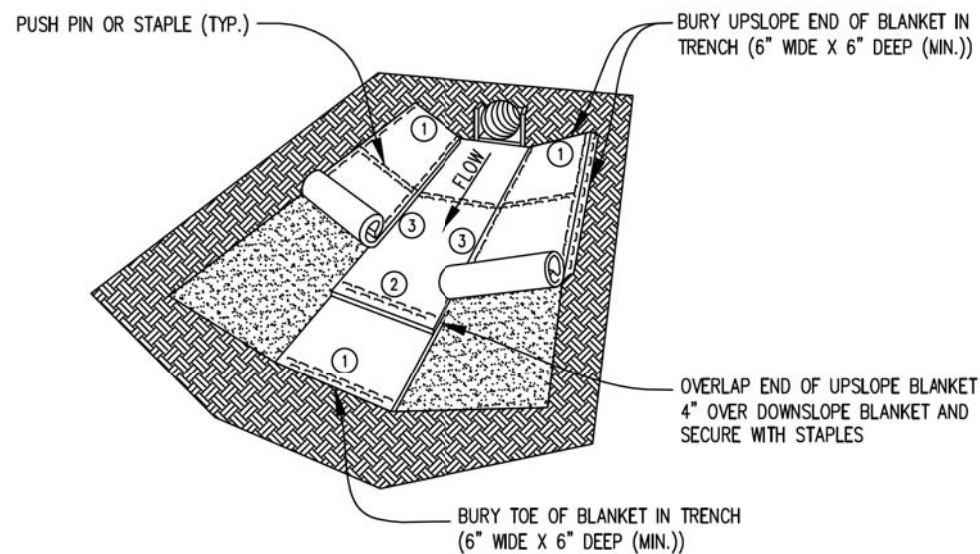
SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	90
				CONTRACT NO. 61E24
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

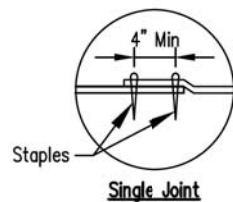
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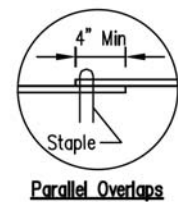
EROSION CONTROL BLANKET - TURF REINFORCEMENT MAT (TRM)



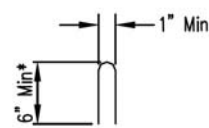
DETAIL 1



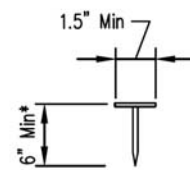
DETAIL 2



DETAIL 3



STAPLE DETAIL



PUSH PIN DETAIL

NOTE:
1. FOR SANDY SOIL CONDITIONS, STAPLE OR PUSH PIN SHALL BE A MINIMUM OF 8 INCHES.



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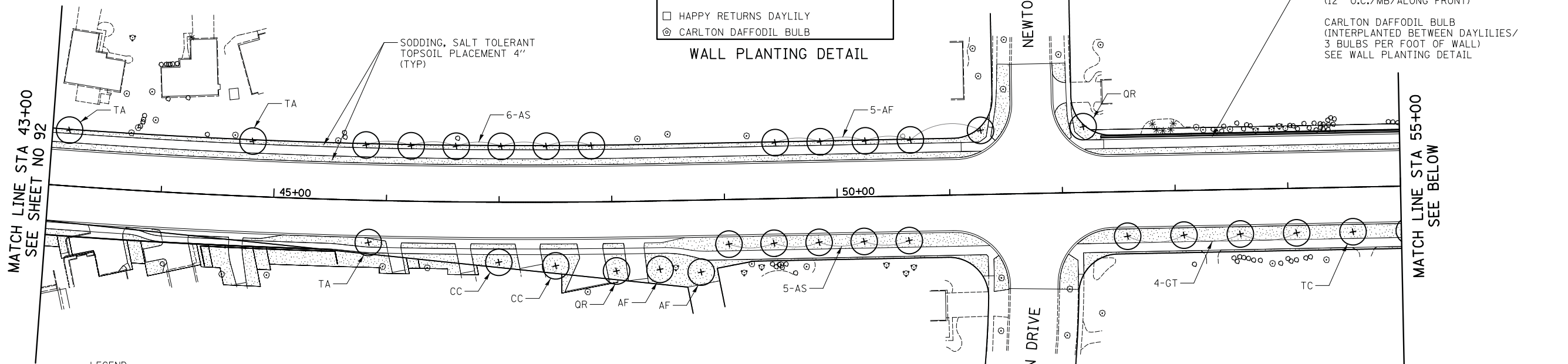
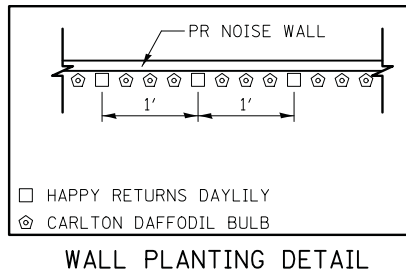
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DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN DETAILS

SHEET NO. 2 OF 2 SHEETS STA. TO STA.

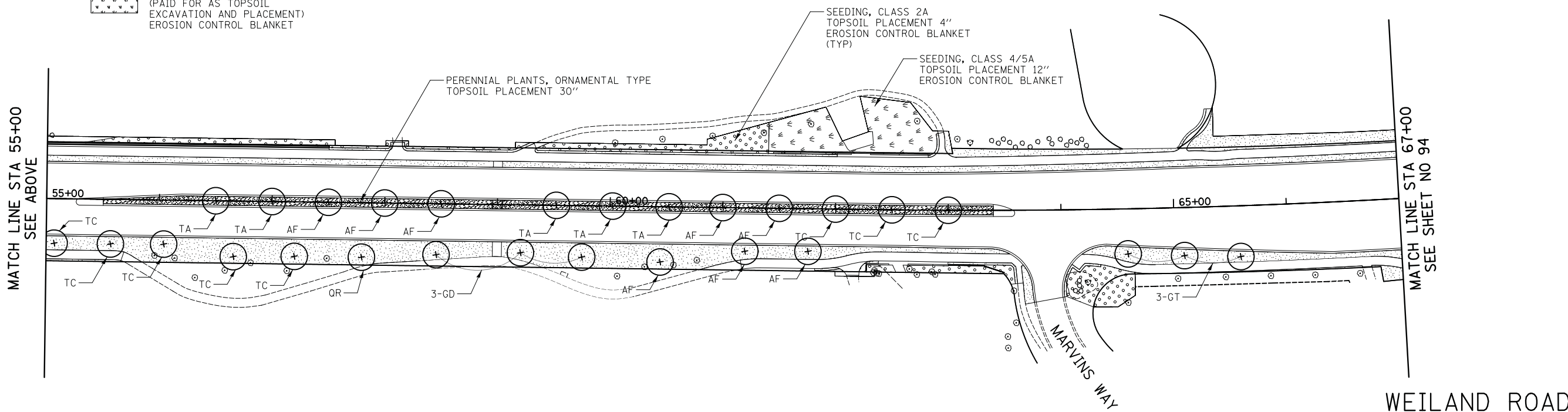
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	91
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

WALL PLANTINGS TABLE					
SYMBOL	BOTANIC NAME	COMMON NAME	SIZE	SPACING	QUANTITY
☐	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	1.0 FT	516
⊗	NARCISSUS 'CARLTON'	CARLTON DAFFODIL	1 BULB	3/FT * ROW	1545
TOTAL					2061



LEGEND

- ⊗ EXISTING TREES
- ⊕ PROPOSED TREES
- SODDING, SALT TOLERANT
TOPSOIL PLACEMENT 4"
(PAID FOR AS TOPSOIL
EXCAVATION AND PLACEMENT)
- SEEDING, CLASS 2A
TOPSOIL PLACEMENT 4"
(PAID FOR AS TOPSOIL
EXCAVATION AND PLACEMENT)
EROSION CONTROL BLANKET
- SEEDING, CLASS 4/5A
TOPSOIL PLACEMENT 12"
(PAID FOR AS TOPSOIL
EXCAVATION AND PLACEMENT)
EROSION CONTROL BLANKET
- SEEDING, CLASS 4B (MODIFIED)
TOPSOIL PLACEMENT 12"
(PAID FOR AS TOPSOIL
EXCAVATION AND PLACEMENT)
EROSION CONTROL BLANKET
- PERENNIAL PLANTS, ORNAMENTAL TYPE
TOPSOIL PLACEMENT 30"
(PAID FOR AS TOPSOIL
EXCAVATION AND PLACEMENT)
- PERENNIAL PLANTS, WETLAND TYPE
TOPSOIL PLACEMENT 12"
(PAID FOR AS TOPSOIL
EXCAVATION AND PLACEMENT)
- EXISTING WETLAND



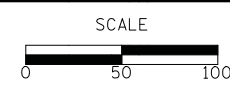
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AREAS CHECKED	
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AREAS CHECKED	
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LANDSCAPING PLANS

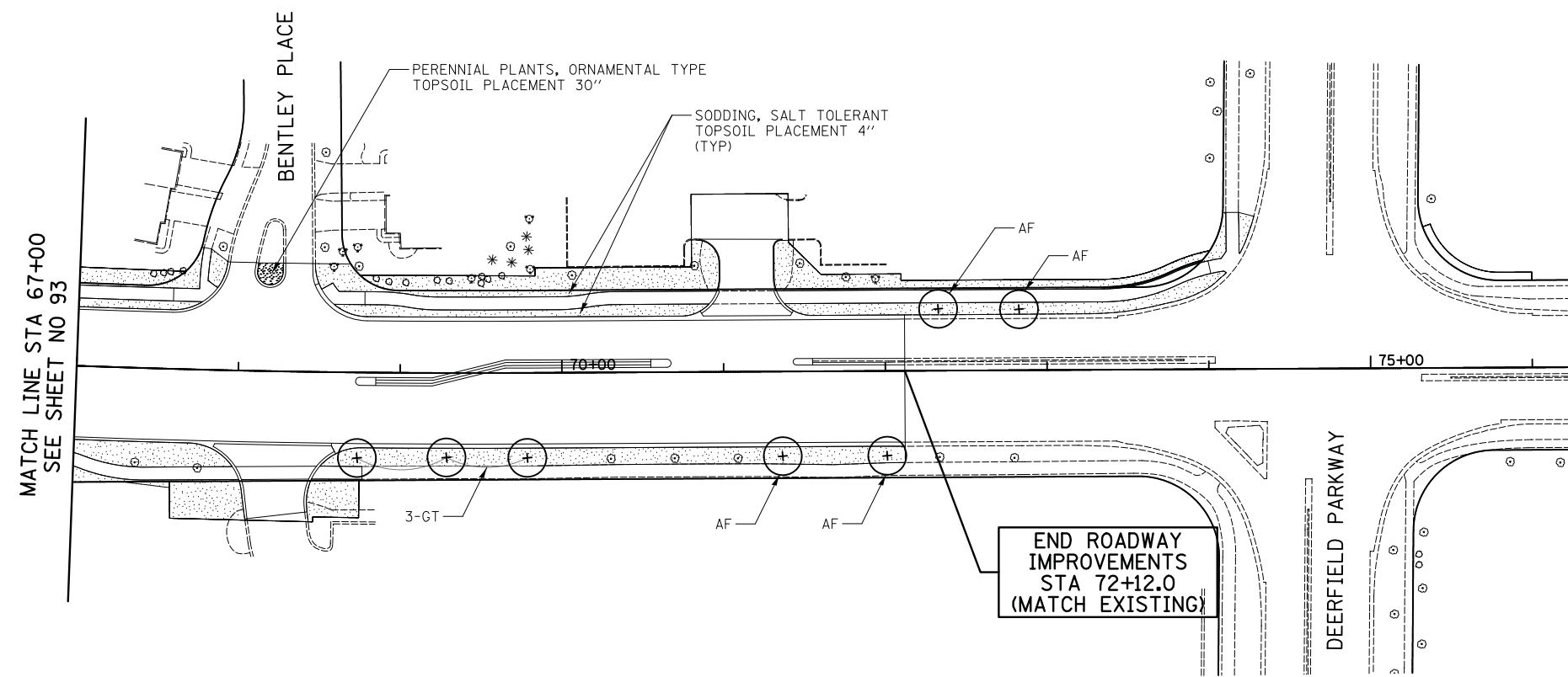
SHEET NO. 2 OF 3 SHEETS STA. 43+00.0 TO STA. 67+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	93
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
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DATE	
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TEMPLATE	
AREAS CHECKED	
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LEGEND

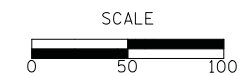
	EXISTING TREES		SEEDING, CLASS 4B (MODIFIED) TOPSOIL PLACEMENT 12" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT) EROSION CONTROL BLANKET
	PROPOSED TREES		SODDING, SALT TOLERANT TOPSOIL PLACEMENT 4" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
	SODDING, SALT TOLERANT TOPSOIL PLACEMENT 4" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)		PERENNIAL PLANTS, ORNAMENTAL TYPE TOPSOIL PLACEMENT 30" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
	SEEDING, CLASS 2A TOPSOIL PLACEMENT 4" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT) EROSION CONTROL BLANKET		PERENNIAL PLANTS, WETLAND TYPE TOPSOIL PLACEMENT 12" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
	SEEDING, CLASS 4/5A TOPSOIL PLACEMENT 12" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT) EROSION CONTROL BLANKET		EXISTING WETLAND

**END ROADWAY
IMPROVEMENTS
STA 72+12.0
(MATCH EXISTING)**

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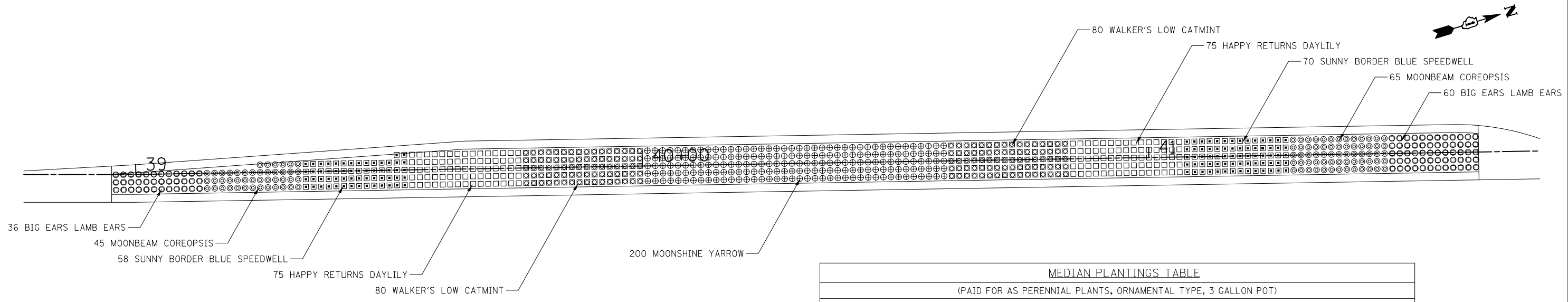


LANDSCAPING PLANS

SHEET NO. 3 OF 3 SHEETS STA. 67+00.0 TO STA. 72+12.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	94
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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SURVEY	
NOTE BOOK	
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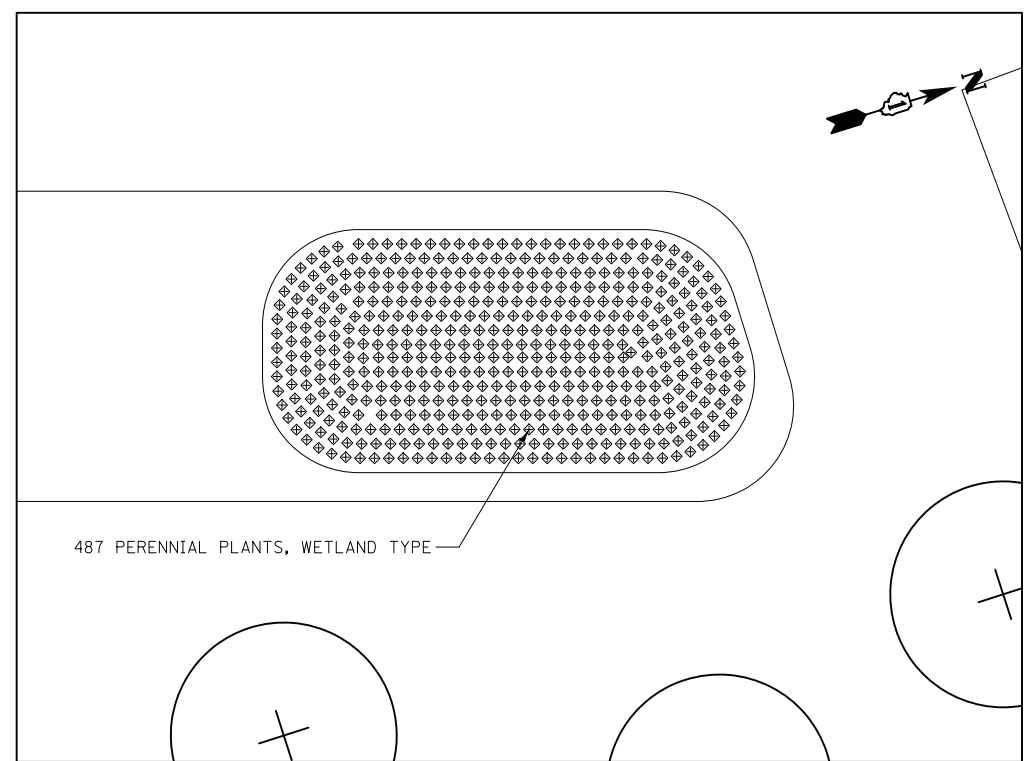


MEDIAN FROM STA 38+71 TO STA 41+84

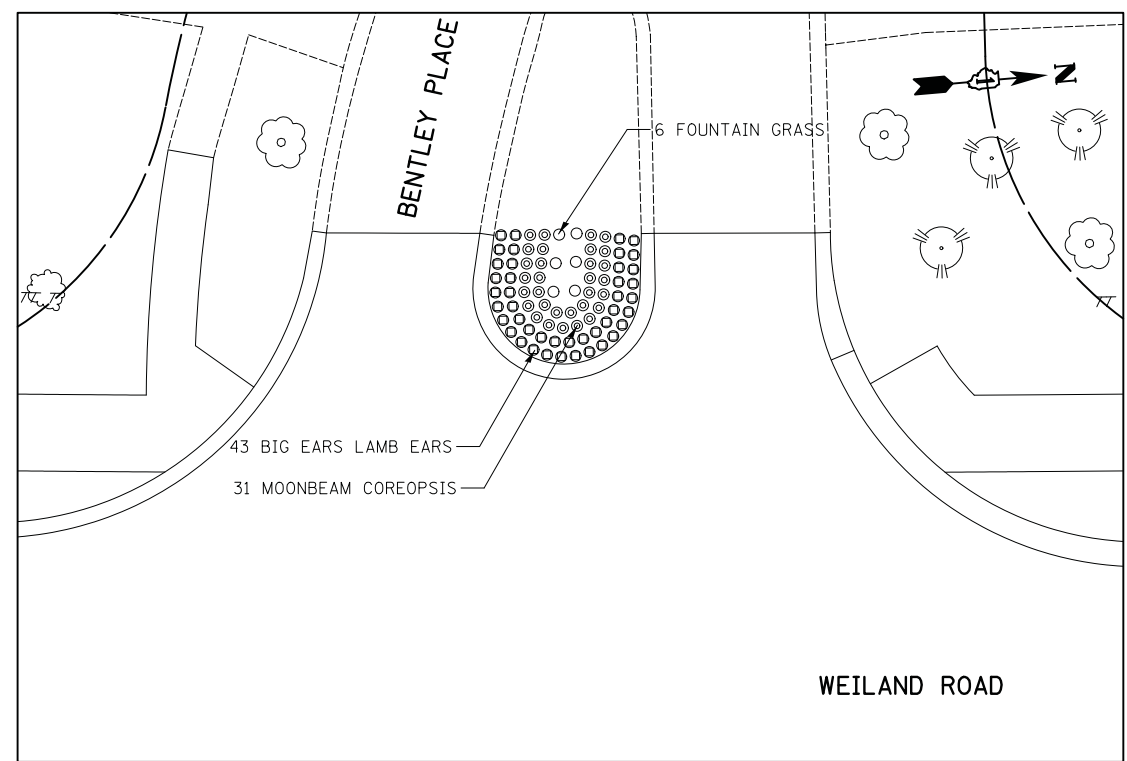
BASIN PLANTING TABLE					
(PAID FOR AS PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG)					
SYMBOL	BOTANIC NAME	COMMON NAME	SIZE	SPACING	QUANTITY
⊕	VARIES	VARIES	2" X 4" PLUG	1.5 FT	487

MEDIAN PLANTINGS TABLE					
(PAID FOR AS PERENNIAL PLANTS, ORNAMENTAL TYPE, 3 GALLON POT)					
SYMBOL	BOTANIC NAME	COMMON NAME	SIZE	SPACING	QUANTITY
○	PENNISETUM ALOPECUROIDES	FOUNTAIN GRASS	3 GAL	3 FT	186
3 GAL TOTAL					186
(PAID FOR AS PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT)					
△	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE	1 GAL	3 FT	120
⊕	ACHILLEA X 'MOONSHINE'	MOONSHINE YARROW	1 GAL	1.5 FT	510
⊠	NEPETA FAASENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	1.5 FT	410
⊙	STACHYS BYSANTINA 'BIG EARS'	BIG EARS LAMBS EARS	1 GAL	1.5 FT	408
⊗	COREOPSIS VERTICILLATA 'MOONBEAM'	MOONBEAM 'COREOPSIS'	1 GAL	1.5 FT	387
⊠	VERONICA 'SUNNY BORDER BLUE'	SUNNY BORDER BLUE SPEEDWELL	1 GAL	1.5 FT	378
□	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	1.5 FT	400
1 GAL TOTAL					2613
GRAND TOTAL					2799

DATE	
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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL	
SURVEY	
NOTE BOOK	
NO.	



DETENTION BASIN



MEDIAN AT BENTLEY PLACE



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LANDSCAPING PLAN - PLANTING DETAILS

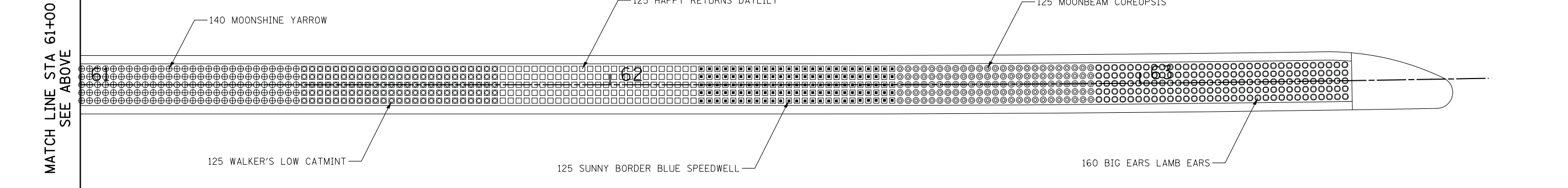
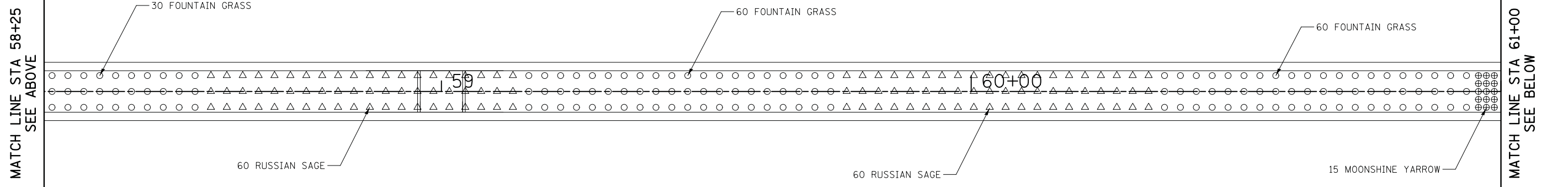
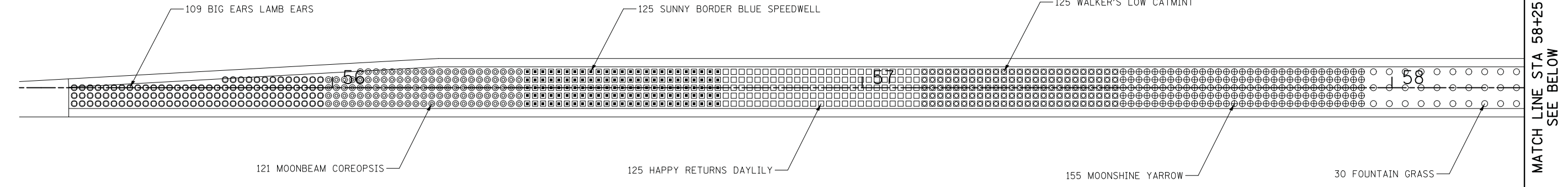
SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	95
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	PLOTTED BY	
	TEMPLATE AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	PLOTTED BY	
	TEMPLATE AREAS CHECKED	

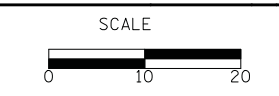


MEDIAN FROM STA 55+26 TO STA 63+59

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LANDSCAPING PLAN - PLANTING DETAILS

SHEET NO. 2 OF 2 SHEETS STA. TO STA.

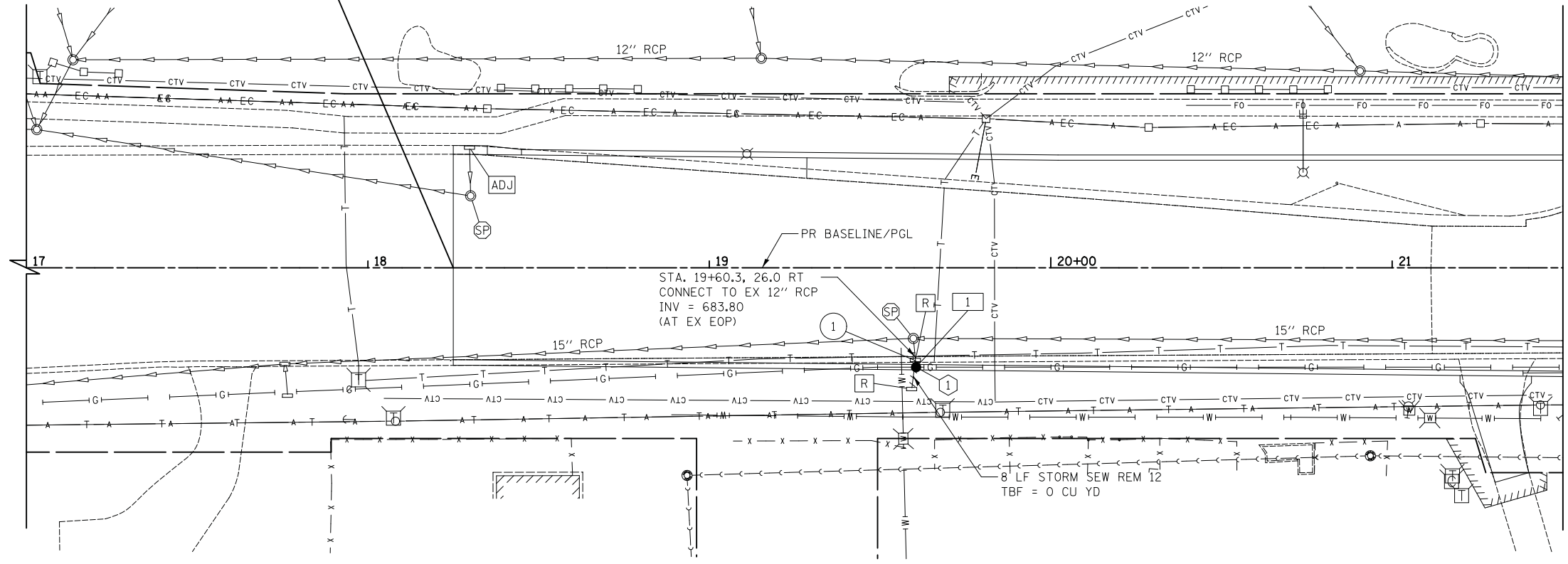
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61E24	

BEGIN ROADWAY IMPROVEMENTS
STA 18+25.0
(MATCH EXISTING)

1 STA. 19+61, 29.1' RT
CB TC T11VF&G
RIM = 686.46
INV = 683.84 (12" W)



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TEMPLATE	
AREAS CHECKED	
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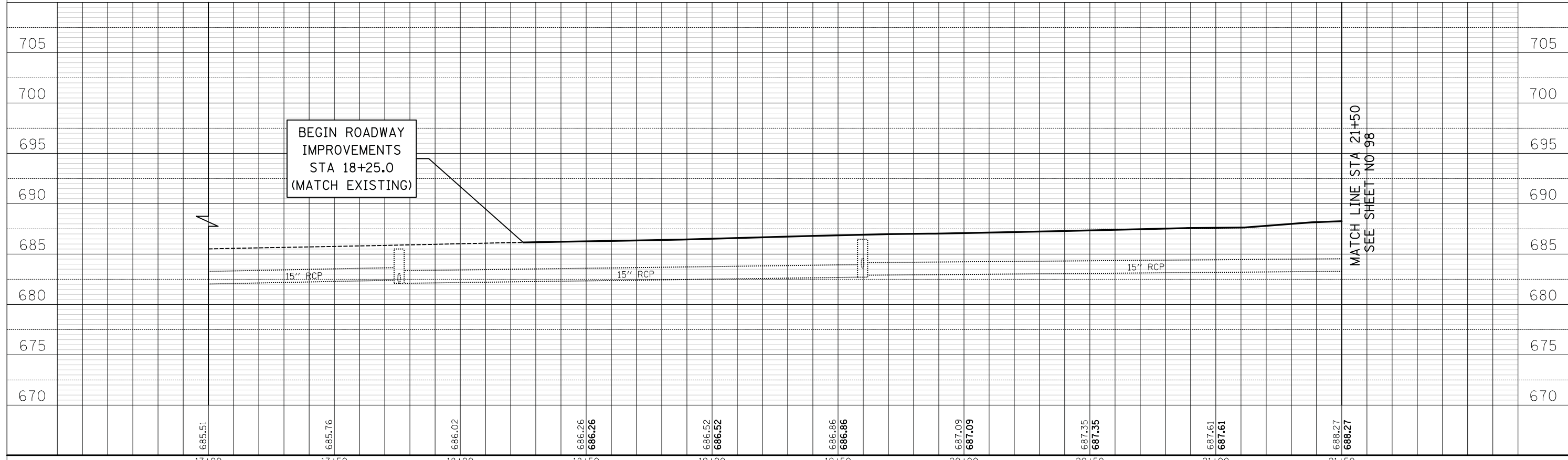
MATCH LINE STA 21+50
SEE SHEET NO 98

1 3' - STORM SEW WM REQ, 12" @ 1.50%
TBF = 1 CU YD

1 BOTTOM STRUCTURE = 682.26
APPROX TOP GAS = 684.16

WEILAND ROAD

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PLOTTED	
TEMPLATE	
AREAS CHECKED	
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MATCH LINE STA 21+50
SEE SHEET NO 98

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DATE - 10/8/2018	REVISD -

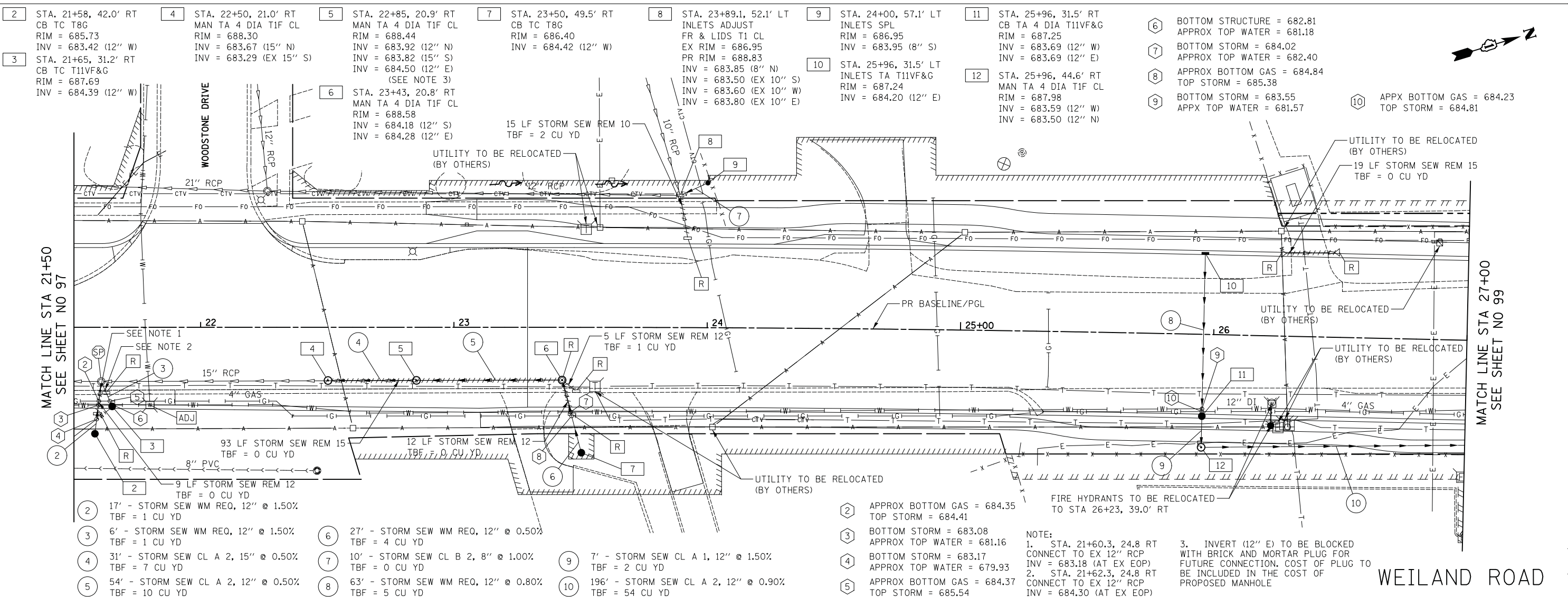
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DRAINAGE AND UTILITIES

SHEET NO. 1 OF 12 SHEETS STA. 17+00.0 TO STA. 21+50.0

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	14-00158-11-WR	LAKE	537	97
CONTRACT NO. 61E24				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

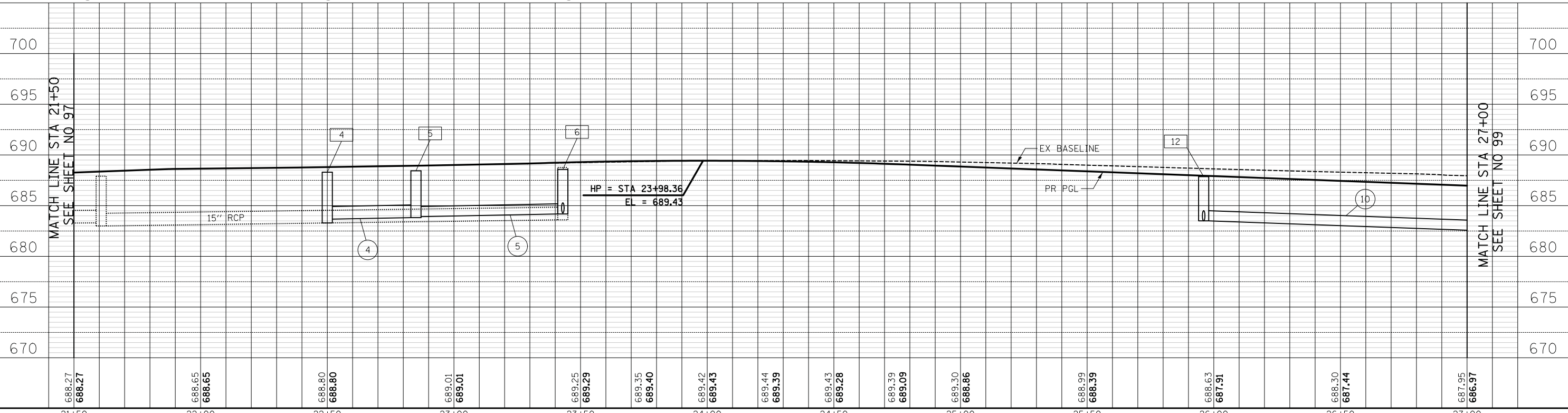


- 2 17' - STORM SEW WM REQ, 12" @ 1.50%
TBF = 1 CU YD
- 3 6' - STORM SEW WM REQ, 12" @ 1.50%
TBF = 1 CU YD
- 4 31' - STORM SEW CL A 2, 15" @ 0.50%
TBF = 7 CU YD
- 5 54' - STORM SEW CL A 2, 12" @ 0.50%
TBF = 10 CU YD
- 6 27' - STORM SEW WM REQ, 12" @ 0.50%
TBF = 4 CU YD
- 7 10' - STORM SEW CL B 2, 8" @ 1.00%
TBF = 0 CU YD
- 8 63' - STORM SEW WM REQ, 12" @ 0.80%
TBF = 5 CU YD
- 9 7' - STORM SEW CL A 1, 12" @ 1.50%
TBF = 2 CU YD
- 10 196' - STORM SEW CL A 2, 12" @ 0.90%
TBF = 54 CU YD

- 2 APPROX BOTTOM GAS = 684.35
TOP STORM = 684.41
- 3 BOTTOM STORM = 683.08
APPROX TOP WATER = 681.16
- 4 BOTTOM STORM = 683.17
APPROX TOP WATER = 679.93
- 5 APPROX BOTTOM GAS = 684.37
TOP STORM = 685.54

NOTE:
 1. STA. 21+60.3, 24.8 RT
 INV = 683.18 (AT EX EOP)
 2. STA. 21+62.3, 24.8 RT
 CONNECT TO EX 12" RCP
 INV = 684.30 (AT EX EOP)

WEILAND ROAD



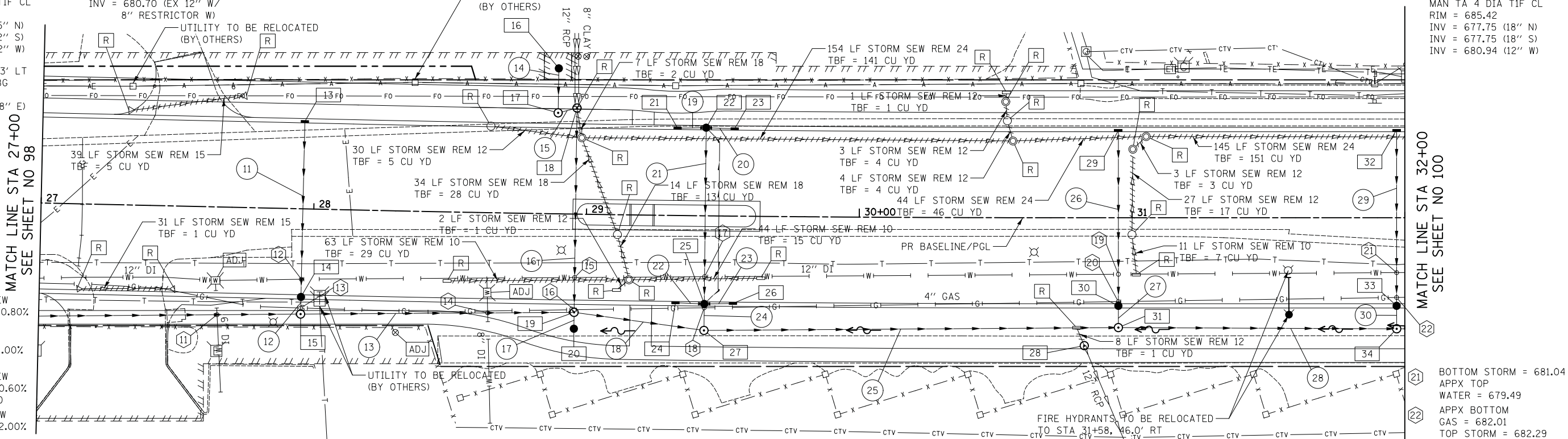
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ORIGINAL SURVEY	
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NOTE BOOK	
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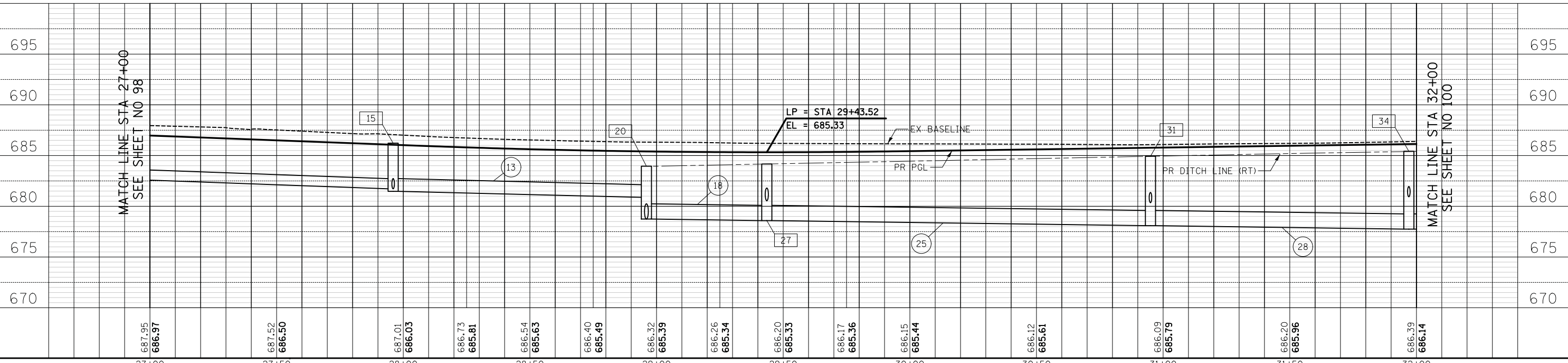
- 13 STA. 27+96, 31.5' LT INLETS TA T11VF&G RIM = 685.44 INV = 682.28 (12" E)
- 14 STA. 27+96, 31.5' RT CB TA 4 DIA T11VF&G RIM = 685.43 INV = 681.77 (12" E) INV = 681.77 (12" W)
- 15 STA. 27+96, 38.5' RT MAN TA 4 DIA TIF CL RIM = 686.05 INV = 681.47 (15" N) INV = 681.72 (12" S) INV = 681.76 (12" W)
- 16 STA. 28+89, 53.3' LT CB TA 4 DIA T8G RIM = 684.37 INV = 679.50 (18" E)
- 17 STA. 28+89, 37.0' LT MAN TA 4 DIA TIF CL RIM = 685.36 INV = 679.26 (18" W) INV = 679.16 (18" N)
- 18 STA. 28+95.9, 38.9' LT MAN TA 4 DIA TIF CL RIM = 685.46 INV = 679.10 (18" S) INV = 679.00 (18" E) INV = 679.60 (EX 8" Clay W/ 8" RESTRICTOR W)
- 19 STA. 28+96, 36.0' RT MAN TA 4 DIA TIF CL RIM = 685.31 INV = 680.88 (15" S) INV = 678.74 (18" N) INV = 678.75 (18" W) INV = 680.43 (12" E)
- 20 STA. 28+96, 42.0' RT CB TC T8G RIM = 683.95 INV = 680.45 (12" W)
- 21 STA. 29+33, 31.5' LT INLETS TA T11VF&G RIM = 684.70 INV = 681.40 (12" N)
- 22 STA. 29+43.5, 31.5' LT CB TA 4 DIA T11VF&G RIM = 684.70 INV = 681.32 (12" N) INV = 681.22 (12" E) INV = 681.32 (12" S)
- 23 STA. 29+54, 31.5' LT INLETS TA T11VF&G RIM = 684.71 INV = 681.40 (12" S)
- 24 STA. 29+33, 31.5' RT INLETS TA T11VF&G RIM = 684.70 INV = 680.78 (12" N)
- 25 STA. 29+43.5, 31.5' RT CB TA 4 DIA T11VF&G RIM = 684.70 INV = 680.60 (15" E) INV = 680.70 (12" W) INV = 680.70 (12" N) INV = 680.70 (12" S)
- 26 STA. 29+54, 31.5' RT INLETS TA T11VF&G RIM = 684.71 INV = 680.78 (12" S)
- 27 STA. 29+43.5, 42.0' RT MAN TA 4 DIA TIF CL RIM = 684.17 INV = 678.59 (18" N) INV = 678.59 (18" S) INV = 680.55 (15" W)
- 28 STA. 30+82.5, 46.9' RT MAN TA 4 DIA TIF CL RIM = 685.44 INV = 678.82 (EX 12" E)
- 29 STA. 30+95, 31.5' LT INLETS TA T11VF&G RIM = 685.14 INV = 681.18 (12" E)
- 30 STA. 30+95, 31.5' RT CB TA 4 DIA T11VF&G RIM = 685.14 INV = 680.44 (12" E) INV = 680.54 (12" W)
- 31 STA. 30+95, 40.3' RT MAN TA 4 DIA TIF CL RIM = 684.93 INV = 678.09 (18" N) INV = 678.09 (18" S) INV = 680.38 (12" W)
- 32 STA. 31+97, 31.5' LT INLET TA T11VF&G RIM = 685.50 INV = 681.10 (12" W) INV = 681.73 (12" E)
- 33 STA. 31+97, 31.5' RT CB TA 4 DIA T11VF&G RIM = 685.50 INV = 681.10 (12" W) INV = 681.00 (12" E)
- 34 STA. 31+97, 40.7' RT MAN TA 4 DIA TIF CL RIM = 685.42 INV = 677.75 (18" N) INV = 677.75 (18" S) INV = 680.94 (12" W)

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- 11 63' - STORM SEW WM REQ, 12" @ 0.80% TBF = 5 CU YD
- 12 1' - STORM SEW CL A 1, 12" @ 1.00% TBF = 1 CU YD
- 13 96' - STORM SEW CL A 2, 15" @ 0.60% TBF = 32 CU YD
- 14 12' - STORM SEW CL A 2, 18" @ 2.00% TBF = 7 CU YD
- 15 3' - STORM SEW CL A 2, 18" @ 2.00% TBF = 3 CU YD
- 16 71' - STORM SEW WM REQ, 18" @ 0.35% TBF = 46 CU YD
- 17 2' - STORM SEW CL A 2, 12" @ 1.00% TBF = 0 CU YD
- 18 44' - STORM SEW CL A 2, 18" @ 0.35% TBF = 0 CU YD
- 19 7' - STORM SEW CL A 1, 12" @ 1.14% TBF = 1 CU YD
- 20 7' - STORM SEW CL A 1, 12" @ 1.14% TBF = 1 CU YD
- 21 63' - STORM SEW WM REQ, 12" @ 0.98% TBF = 7 CU YD
- 22 7' - STORM SEW CL A 1, 12" @ 1.14% TBF = 1 CU YD
- 23 7' - STORM SEW CL A 1, 12" @ 1.14% TBF = 1 CU YD
- 24 5' - STORM SEW CL A 1, 15" @ 1.00% TBF = 1 CU YD
- 25 148' - STORM SEW CL A 2, 18" @ 0.35% TBF = 0 CU YD
- 26 63' - STORM SEW WM REQ, 12" @ 1.00% TBF = 11 CU YD
- 27 3' - STORM SEW CL A 2, 12" @ 2.00% TBF = 1 CU YD
- 28 98' - STORM SEW CL A 2, 18" @ 0.35% TBF = 0 CU YD
- 29 63' - STORM SEW WM REQ, 12" @ 1.00% TBF = 9 CU YD
- 30 3' - STORM SEW CL A 2, 12" @ 2.00% TBF = 1 CU YD
- 11 BOTTOM STORM = 681.81 TOP WATER = 680.20
- 12 BOTTOM STORM = 681.65 TOP WATER = 680.30
- 13 APPX BOTTOM GAS = 683.83 TOP STORM = 682.94
- 14 BOTTOM STORM = 679.93 TOP WATER = 679.50
- 15 BOTTOM STORM = 678.60 APPX TOP WATER = 678.42
- 16 BOTTOM GAS = 684.22 TOP STORM = 678.76
- 17 BOTTOM STORM = 680.62 APPX TOP WATER = 678.38
- 18 APPX BOTTOM GAS = 681.67 TOP STORM = 681.89
- 19 BOTTOM STORM = 680.48 APPX TOP WATER = 679.03
- 20 APPX BOTTOM GAS = 681.87 TOP STORM = 681.72

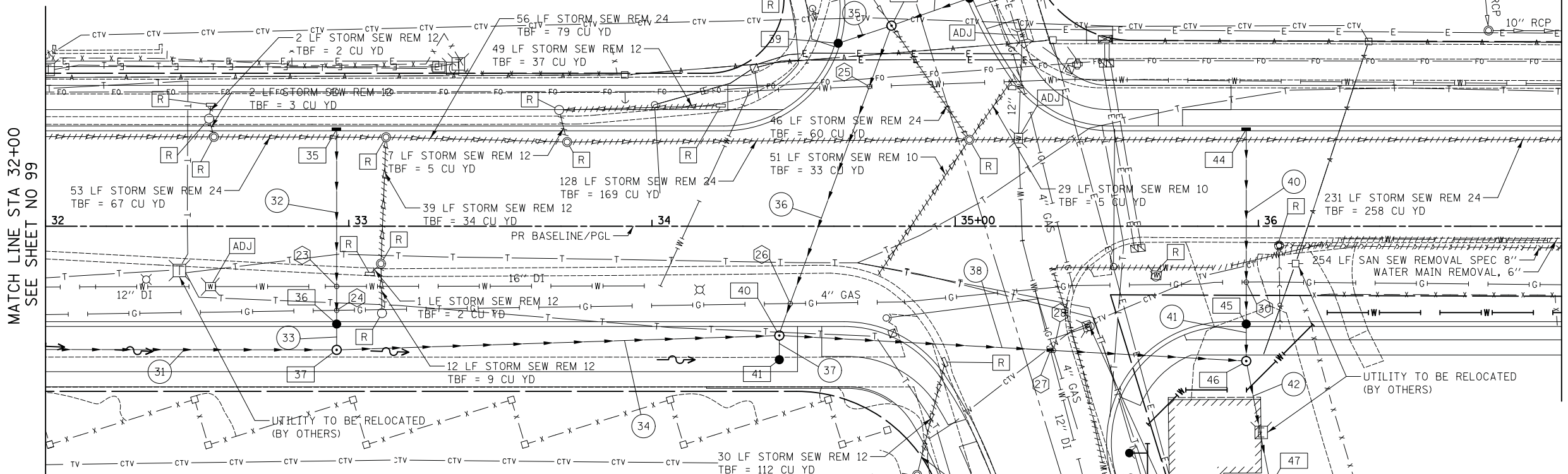
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35 STA. 32+96, 31.5' LT INLETS TA T11VF&G RIM = 685.84 INV = 682.17 (12" E)	37 STA. 32+96, 40.8' RT MAN TA 4 DIA TIF CL RIM = 684.73 INV = 677.42 (18" N) INV = 677.42 (18" S) INV = 681.38 (12" W)	39 STA. 34+62, 60.2' LT CB TC T11VF&G RIM = 685.95 INV = 682.00 (12" N)	41 STA. 34+42, 44.1' RT CB TC T8G RIM = 683.78 INV = 680.00 (12" W)	43 STA. 35+04, 75.0' LT CB TC T11VF&G RIM = 685.57 INV = 682.00 (12" S)	45 STA. 35+96, 31.5' RT CB TA 4 DIA T11VF&G RIM = 684.88 INV = 680.27 (12" E) INV = 680.37 (12" W)
36 STA. 32+96, 31.5' RT CB TA 4 DIA T11VF&G RIM = 685.84 INV = 681.54 (12" W) INV = 681.44 (12" E)	38 STA. 34+55.3, 104.8' LT MAN ADJUST FR & GRATES T1 CL EX RIM = 687.27 PR RIM = 687.20	40 STA. 34+42, 36.1' RT MAN TA 5 DIA TIF CL RIM = 686.26 INV = 679.95 (12" E) INV = 676.83 (24" NW) INV = 676.86 (18" S) INV = 676.26 (24" N)	42 STA. 34+79, 66.2' LT MAN TA 4 DIA TIF CL RIM = 685.82 INV = 677.20 (24" SE) INV = 677.86 (EX 24" W) INV = 681.76 (12" N) INV = 681.84 (12" S)	44 STA. 35+96, 31.5' LT INLETS TA T11VF&G RIM = 684.88 INV = 681.00 (12" E)	46 STA. 35+96, 44.5' RT MAN TA 4 DIA TIF CL RIM = 685.60 INV = 675.58 (24" E) INV = 680.13 (12" W) INV = 675.72 (24" S)
			19 LF STORM SEW REM 24 TBF = 8 CU YD		47 STA. 36+04, 85.6' RT PRC FLAR END SEC 24 INV = 675.26

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23 BOTTOM STORM = 681.49 APPX TOP WATER = 680.36	25 APPX BOTTOM WATER = 679.93 TOP STORM = 679.38	27 BOTTOM WATER = 680.35 TOP STORM = 678.20	30 APPX BOTTOM GAS = 681.85 TOP STORM = 681.67
24 BOTTOM STORM = 681.42 APPX TOP GAS = 680.93	26 APPX BOTTOM GAS = 682.07 TOP STORM = 679.61	28 BOTTOM GAS = 680.91 TOP STORM = 678.19	
31 95' - STORM SEW CL A 2, 18" @ 0.35% TBF = 0 CU YD	35 16' - STORM SEW CL A 2, 12" @ 1.00% TBF = 3 CU YD	39 25' - STORM SEW CL A 2, 12" @ 1.00% TBF = 1 CU YD	
32 63' - STORM SEW WM REQ, 12" @ 1.00% TBF = 9 CU YD	36 105' - STORM SEW WM REQ, 24" @ 0.35% TBF = 121 CU YD	40 63' - STORM SEW WM REQ, 12" @ 1.00% TBF = 11 CU YD	
33 3' - STORM SEW CL A 2, 12" @ 2.00% TBF = 1 CU YD	37 5' - STORM SEW CL A 2, 12" @ 1.00% TBF = 0 CU YD	41 7' - STORM SEW CL A 2, 12" @ 2.00% TBF = 2 CU YD	
34 142' - STORM SEW CL A 2, 18" @ 0.40% TBF = 0 CU YD	38 150' - STORM SEW WM REQ, 24" @ 0.35% TBF = 179 CU YD	42 34' - STORM SEW WM REQ, 24" @ 0.95% TBF = 0 CU YD	

- EXISTING 12" PIPE TO BE PLUGGED AND ABANDONED AT THE ROW LINE. COST OF PLUG TO BE INCLUDED IN THE COST OF THE STORM SEWER REMOVAL 12"
- SEE WATER MAIN PLAN SHEETS FOR PROPOSED WATER MAIN DETAILS.

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