

09-20-2019 LETTING ITEM 063

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

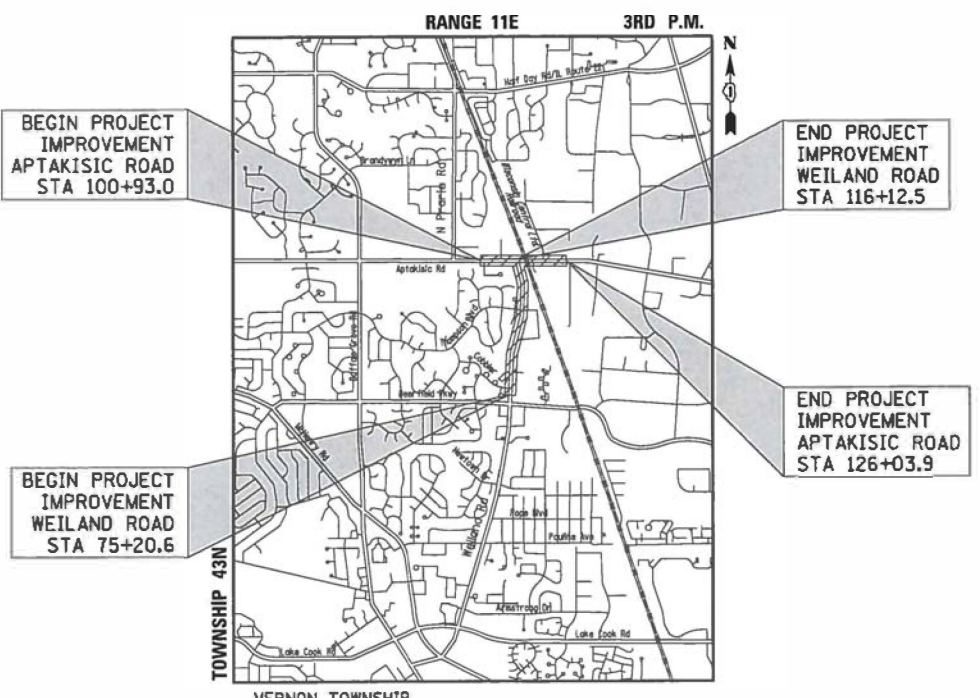
FAU RTE 2665 (WEILAND ROAD)
APTAKISIC ROAD TO DEERFIELD PARKWAY
ADD LANES, BIKE / PED PATH, AND INTERSECTION IMPROVEMENT
SECTION 18-00158-13-WR
PROJECT NO. XHE4(442)
LAKE COUNTY
C-91-229-18

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

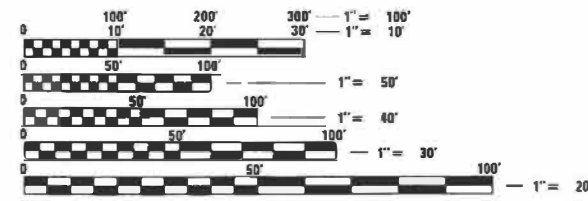
PROJECT LOCATED IN THE VILLAGES OF BUFFALO GROVE AND LINCOLNSHIRE.

DESIGN DESIGNATION = MAJOR COLLECTOR
POSTED SPEED = 40 MPH
WEILAND ROAD ADT = 13,100 (2008) 19,000 (2040)
APTAKISIC ROAD ADT = 19,500 (2008) 25,000 (2040)

Table with columns: FAU RTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. Values: 2665, 18-00158-13-WR, LAKE, 623, 1, 61F25



Approval and review stamps from the State of Illinois Department of Transportation, Lake County Division. Includes dates and signatures for County Engineer, District One Engineer, and Professional Engineer.



GROSS AND NET LENGTH:
WEILAND ROAD (STA 75+20.6 TO STA 116+12.5) - 4,091.9 FT (0.77 MI)
APTAKISIC ROAD (STA 100+93.0 TO STA 126+03.9) - 2,510.9 FT (0.48 MI)
GROSS AND NET TOTAL - 6,602.8 FT (1.25 MI)

Professional Engineer stamps for Jonathan R. Vana, Derek N. Hall, Joseph J. Ehrig, and Gregory J. Hatlestad, all registered in the State of Illinois.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1.800.892.0123 OR 811

CIVILTECH ENGINEERING, INC. logo and contact information: Two Pierce Place, Suite 1400 - Itasca, Illinois 60143. Tel: 630.773.3900 - Fax: 630.773.3975. www.civiltechinc.com

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

CONTRACT NO. 61F25

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DATE	BY	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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## 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)
LC 4031	TYPICAL INTERSECTION APPROACH WITH LT & RT TURN LANES & ADJACENT MULTI-USE PATH
LC 4054	TYPICAL SECTION 10' HOT-MIX ASPHALT BIKEPATH IN VICINITY OF CURB & GUTTER
LC 4100	TYPICAL MINOR ACCESS (PRIVATE ENTRANCE)
LC 4101	TYPICAL MAJOR ACCESS (COMMERCIAL ENTRANCE)
LC 4102	TYPICAL MAJOR ACCESS (SIDE ROAD)
LC 4121	MAILBOX TURNOUT ALONG CURBED ROADS
LC 4201	DETECTABLE WARNINGS AND PEDESTRIAN PUSHBUTTON LOCATIONS
LC 4202	CONCRETE WASHOUT FACILITIES
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LC 5401	TYPICAL PLACEMENT OF PRECAST END SECTIONS ON CROSSROAD CULVERTS
LC 5402	JOINT TIES FOR CONCRETE PIPE
LC 5403	GRATING FOR CONCRETE FLARED END SECTIONS (24"-54")
LC 6003	DRAINAGE STRUCTURE RIM ELEVATIONS AND OFFSETS
LC 6020	SUB-SURFACE DRAINS
LC 6650	WITNESS POST
LC 7000	TWO LANE, TWO WAY, OFF-ROAD OPERATIONS DAY OPERATIONS ONLY
LC 7003	URBAN LANE CLOSURE MULTILANE INTERSECTION
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 7803	TYPICAL PAVEMENT MARKINGS FOR RAILROAD CROSSINGS ON COUNTY HIGHWAYS
LC 7805	RECESSED REFLECTIVE PAVEMENT MARKER
LC 8900	CAMERA MOUNTING DETAILS

## 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
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
602402-02	PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER
602406-10	PRECAST MANHOLE TYPE A 6' (1.83 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
606306-04	CORRUGATED PC CONCRETE MEDIANS
664001-02	CHAIN LINK FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY FROM PAVEMENT EDGE
701006-05	OFF-RD OPERATIONS MULTILANE, 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
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, 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
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
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
857006-01	SUPERVISED RAILROAD INTERCONNECT CIRCUIT
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

## 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 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.



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DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	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	18-00158-13-WR	LAKE	623	2
CONTRACT NO. 61F25				
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 THAT ARE NOT MARKED FOR REMOVAL TO AVOID CAUSING INJURY TO THE ROOT SYSTEM AND 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.

**COMMITMENTS**

41. ENHANCE THE SAFETY FOR PEDESTRIANS AND BICYCLISTS WHO MUST CROSS WEILAND ROAD THROUGH THE INSTALLATION OF ADDITIONAL TRAFFIC CONTROL DEVICES. THESE DEVICES WILL INCLUDE A TRAFFIC SIGNAL INSTALLATION AT THE WEILAND ROAD/THOMPSON BOULEVARD INTERSECTION.

**POINTS OF CONTACT**

**LAKE COUNTY DIV. OF TRANS.**  
(TO BE DETERMINED)  
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FX: 847.984.5601

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**VILLAGE OF LAKE ZURICH**  
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PH: 847.459.2560

**BUFFALO GROVE FIRE DEPARTMENT**  
1051 HIGHLAND GROVE DR  
BUFFALO GROVE, IL 60089  
PH: 847.537.0995

**APTAKISIC-TRIPP COMMUNITY CONSOLIDATED SCHOOL DISTRICT 102**  
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**ADLAI E STEVENSON SCHOOL DISTRICT 125**  
2 STEVENSON DR  
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GAS SYSTEM ANALYST  
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**NORTHWEST WATER COMMISSION**  
MR. DAVID NEYBERT  
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**WEST SHORE PIPE LINE**  
MR. BILL O'MALLEY  
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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	18-00158-13-WR	LAKE	623	3
<b>CONTRACT NO. 61F25</b>				
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/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	24,039	24,039							
* 28001200	TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	250	250							
28100205	STONE RIPRAP, CLASS A3	TON	11	11							
28200200	FILTER FABRIC	SQ YD	24	24							
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	4,291	4,291							
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	51,484	51,484							
* 35101400	AGGREGATE BASE COURSE, TYPE B	TON	2,455	763		1,692					
* 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20	20							
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	2	2							
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	15	15							
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	22,046	22,046							
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	550	220		330					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,933	4,933							
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	29,983	29,983							
* 42001300	PROTECTIVE COAT	SQ YD	9,588	4,064	1,563	3,961					
42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SQ YD	235	235							
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	61	61							
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	29,695			29,695					
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	199			199					
* 42400800	DETECTABLE WARNINGS	SQ FT	715			715					
* 44000100	PAVEMENT REMOVAL	SQ YD	41,769	41,769							
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	236	236							
* 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,721	1,721							
* 44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	6,944	6,944							
* 44000600	SIDEWALK REMOVAL	SQ FT	35,649	35,649							

^ DENOTES SPECIALTY ITEM

\* DENOTES SPECIAL PROVISION

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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	18-00158-13-WR	LAKE	623	5
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61F25	
FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
* 44003100	MEDIAN REMOVAL	SQ FT	2,175	2,175							
* 44004250	PAVED SHOULDER REMOVAL	SQ YD	944	944							
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	150	150							
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	150	150							
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	203	203							
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	833	833							
* 48101200	AGGREGATE SHOULDERS, TYPE B	TON	411	411							
50200100	STRUCTURE EXCAVATION	CU YD	426	426							
* 50300285	FORM LINER TEXTURED SURFACE	SQ FT	1,455	1,455							
* 52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	1,455	1,455							
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1,320	1,320							
5421C012	PIPE CULVERTS, CLASS C, TYPE 1 12" (TEMPORARY)	FOOT	29	29							
5421C030	PIPE CULVERTS, CLASS C, TYPE 1 30" (TEMPORARY)	FOOT	48	48							
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2							
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2							
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1							
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1							
* 54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	2							
* 54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	1							
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	18	18							
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	124	124							
* 550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	121	121							
* 550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	10	10							
* 550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	2,435	2,435							

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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	18-00158-13-WR	LAKE	623	6
CONTRACT NO. 61F25				
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/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
* 550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	200	200							
* 550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	294	294							
* 550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,601	1,601							
* 550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	516	516							
* 55100100	STORM SEWER REMOVAL 4"	FOOT	13	13							
* 55100200	STORM SEWER REMOVAL 6"	FOOT	163	163							
* 55100300	STORM SEWER REMOVAL 8"	FOOT	68	68							
* 55100400	STORM SEWER REMOVAL 10"	FOOT	278	278							
* 55100500	STORM SEWER REMOVAL 12"	FOOT	959	959							
* 55100700	STORM SEWER REMOVAL 15"	FOOT	1,592	1,592							
* 55100900	STORM SEWER REMOVAL 18"	FOOT	758	758							
* 55101200	STORM SEWER REMOVAL 24"	FOOT	257	257							
* 55101400	STORM SEWER REMOVAL 30"	FOOT	2,565	2,565							
* 55101600	STORM SEWER REMOVAL 36"	FOOT	956	956							
* 55101900	STORM SEWER REMOVAL 48"	FOOT	136	136							
* 55103030	STORM SEWER REMOVAL, EQUIVALENT ROUND-SIZE 30"	FOOT	6	6							
^ * 56106400	ADJUSTING WATER MAIN 8"	FOOT	25		25						
^ * 56106700	ADJUSTING WATER MAIN 16"	FOOT	25		25						
^ * 56106810	ADJUSTING WATER MAIN 20"	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	3		3						
^ * 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1		1						
^ * 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	6		6						
^ * 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	10		10						

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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	18-00158-13-WR	LAKE	623	7
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F25	

FINAL SURVEY	SUBMITTED	DATE
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	1	1							
* 60100905	PIPE DRAINS 4"	FOOT	50	50							
* 60100915	PIPE DRAINS 6"	FOOT	50	50							
* 60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	11,464	11,464							
* 60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2							
* 60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2							
* 60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	34	34							
* 60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	5	5							
* 60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2	2							
* 60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	7	7							
* 60207915	CATCH BASINS, TYPE C, TYPE 11V FRAME AND GRATE	EACH	7	7							
* 60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	7	7							
* 60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	34	34							
* 60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	13							
* 60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7							
* 60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1							
* 60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	22	22							
* 60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4	4							
* 60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1							
* 60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2							
* 60255500	MANHOLES TO BE ADJUSTED	EACH	10	10							
* 60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	2							
* 60260100	INLETS TO BE ADJUSTED	EACH	5	5							
* 60262700	INLETS TO BE RECONSTRUCTED	EACH	2	2							

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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	18-00158-13-WR	LAKE	623	8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F25	






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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
* 70107016	PAVEMENT MARKING BLACKOUT TAPE, 16"	FOOT	1,397	1,397							
* 70107024	PAVEMENT MARKING BLACKOUT TAPE, 24"	FOOT	22	22							
* 70107025	CHANGEABLE MESSAGE SIGN	CAL DA	126	126							
* 70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,905	1,905							
* 70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	636	636							
* 70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1,763	1,763							
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	60,463	60,463							
* 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	6,096	6,096							
* 70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	994	994							
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,446	1,446							
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	491	491							
* 70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	7,085	7,085							
70400100	TEMPORARY CONCRETE BARRIER	FOOT	5,025	5,025							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2,987	2,987							
70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	18	18							
70600341	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	10	10							
^ 72000100	SIGN PANEL - TYPE 1	SQ FT	233	212			21				
^ 72000200	SIGN PANEL - TYPE 2	SQ FT	25	25							
^ 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	12	12							
^ 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3							
^ 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	200	200							
^ 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	25	25							
^ 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	9	9							
^ 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	99	99							
^ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,082	1,082							

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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	18-00158-13-WR	LAKE	623	10
CONTRACT NO. 61F25				
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/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
^ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,121	1,121							
^ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,118	15,118							
^ 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	5,138	5,138							
^ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,935	3,935							
^ 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	971	971							
^ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3,046	3,046							
^ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	602	602							
^ 78100300	REPLACEMENT REFLECTOR	EACH	42	42							
^ 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	396	396							
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	17	17							
^ * 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1						1		
^ * 80400200	ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1						1		
^ * 80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	4				3	1			
^ * 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	6,100				6,060	40			
^ * 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1,650						1,650		
^ * 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	189				103	86			
^ * 81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	266				200	66			
^ * 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,649				1,193	376	80		
^ * 81400100	HANDHOLE	EACH	14				12	2			
^ 81400200	HEAVY-DUTY HANDHOLE	EACH	1				1				
^ * 81400300	DOUBLE HANDHOLE	EACH	9				7	2			
^ 81603100	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	10,966						10,966		
^ 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	5,676				4,014	1,662			
^ 81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	FOOT	200						200		
^ 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	75						75		

^ DENOTES SPECIALTY ITEM  
 \* DENOTES SPECIAL PROVISION



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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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	11
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
^ 81800415	AERIAL CABLE, 4-1/C NO. 6 WITH MESSENGER WIRE	FOOT	8,145						8,145		
^ 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOL1, 100AMP	EACH	1						1		
^* 83062370	LIGHT POLE, WEATHERING STEEL, 35 FT. M.H., 6 FT. MAST ARM	EACH	49						49		
^ 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	50						50		
^ 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	370						370		
^ 84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	58						58		
^* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	43						43		
^ 84200804	REMOVAL OF POLE FOUNDATION	EACH	43						43		
^ 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	4						4		
^* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	3				3				
^* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	9,664				9,664				
^* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4,677				2,825	1,852			
^* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	7,362				5,829	1,533			
^* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	8,066				6,275	1,791			
^* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,339				1,606	733			
^ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,077				1,077				
^ 87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	415				415				
^* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	449				389	60			
^* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4,046				3,296	750			
^* 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1				1				
^* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	68				48	20			
^* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16				12	4			
^* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	196				136	60			
^ 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21				21				
^ 87900200	DRILL EXISTING HANDHOLE	EACH	6				6				

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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	18-00158-13-WR	LAKE	623	12
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				

DATE	BY	DESIGNED	CHECKED	DATE
		PK	JRV	7/10/2019
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		PK	JRV	7/10/2019
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
^ *	88000105 FLASHING BEACON INSTALLATION	EACH	2				2				
^ *	88030020 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	33				25	8			
^	88030050 SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	11				9	2			
^ *	88030100 SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6				4	2			
^ *	88030110 SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	8				6	2			
^	88102710 PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2				2				
^ *	88102717 PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	18				10	8			
^ *	88200410 TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	41				31	10			
^ *	88600100 DETECTOR LOOP, TYPE 1	FOOT	132				132				
^ *	88700200 LIGHT DETECTOR	EACH	9				7	2			
^ *	88700300 LIGHT DETECTOR AMPLIFIER	EACH	4				3	1			
^ *	88800100 PEDESTRIAN PUSH-BUTTON	EACH	20				12	8			
^ *	89000100 TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3				3				
^	89500100 RELOCATE EXISTING SIGNAL HEAD	EACH	2				2				
^	89500200 RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2				2				
^	89500400 RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2				2				
^	89501150 RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1				1				
^	89502300 REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	33,244				13,606		19,638		
^	89502350 REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	105				105				
^ *	89502375 REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3				3				
^ *	89502376 REBUILD EXISTING HANDHOLE	EACH	1				1				
^	89502380 REMOVE EXISTING HANDHOLE	EACH	26				26				
^	89502385 REMOVE EXISTING CONCRETE FOUNDATION	EACH	25				25				
^	A2000220 TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5		5						
^	A2001820 TREE, ACER SACCHARUM GREEN MOUNTAIN (GREEN MOUNTAIN SUGAR MAPLE), 2 -1/2" CALIPER, BALLED AND BURLAPPED	EACH	2		2						

^ DENOTES SPECIALTY ITEM

\* DENOTES SPECIAL PROVISION

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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	18-00158-13-WR	LAKE	623	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F25	

DATE	
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NO. OF	
TEMPORARY	
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
^ A2002520	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16		16						
^ A2004820	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3		3						
^ A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2		2						
^ A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5		5						
^ A2007920	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4		4						
^ A2008120	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLE LEAF LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8		8						
^ * K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	16		16						
^ * K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	56		56						
^ * K0012993	PERENNIAL PLANTS, ORNAMENTAL TYPE, 3-GALLON POT	UNIT	2		2						
* LR430040	PAVING BRICK SIDEWALK	SQ YD	7	7							
^ * X0323003	TEMPORARY ELECTRIC SERVICE INSTALLATION	EACH	1						1		
^ * X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1,599				1,303	296			
^ * X0324637	BASE COVER, LIGHT POLE	EACH	51						51		
^ * X0326094	RELOCATE EXISTING ITS CONTROLLER CABINET	EACH	1				1				
* X0327003	BLOCKWALL RECONSTRUCT	LSUM	1	1							
^ * X0327211	RELOCATE SWITCH	EACH	3				3				
^ * X0327236	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	5						5		
^ * X0327350	TEMPORARY WOOD POLE, 50 FT., CLASS 4, 15 FT. MAST ARM	EACH	45						45		
^ * X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	12				8	4			
* X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	24,035	24,035							
* X0488100	REMOVING EXISTING SEPTIC TANK	EACH	1	1							
* X1200046	STORM SEWERS, CLASS B, TYPE 2 8"	FOOT	204	204							
* 54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	1	1							
^ * X1400007	FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE	FOOT	9,802				9,802				
^ * X1400102	OUTDOOR RATED NETWORK CABLE	FOOT	2,343				2,121	222			

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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	18-00158-13-WR	LAKE	623	14
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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FINAL SURVEY	SUBMITTED
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ORIGINAL SURVEY	SUBMITTED
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
^ *	X1400144 UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	3				3				
^ *	X1400202 LUMINAIRE (SPECIAL)	EACH	1						1		
^ *	X1400323 RELOCATE EXISTING ENCODER	EACH	2				2				
*	X2070304 POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	103	103							
*	X2130010 EXPLORATION TRENCH, SPECIAL	FOOT	50	50							
^ *	X2200018 ORNAMENTAL FENCE	FOOT	286	286							
*	X2800302 TEMPORARY DITCH CHECKS (SPECIAL)	FOOT	67	67							
*	X4021000 TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	6	6							
*	X4022000 TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	14	14							
*	X4023000 TEMPORARY ACCESS (ROAD)	EACH	8	8							
*	X4024100 TEMPORARY ACCESS (WINTERIZE)	SQ YD	1,712	1,712							
*	X5030290 STAINING CONCRETE STRUCTURES	SQ FT	1,115	1,115							
*	X6024240 INLETS, SPECIAL	EACH	3	3							
*	X6026050 SANITARY MANHOLES TO BE ADJUSTED	EACH	9		9						
^ *	X6640308 CHAIN LINK GATES (SPECIAL)	EACH	2			2					
^ *	X6640550 CHAIN LINK FENCE, 4' (SPECIAL)	FOOT	583	178		405					
*	X6700405 ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	8	8							
*	X7010216 TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1							
^ *	X7030005 TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	17,145	17,145							
*	X7040125 PINNING TEMPORARY CONCRETE BARRIER	EACH	1,209	1,209							
^ *	X7310110 BASE FOR TELESCOPING SIGN SUPPORT, SPECIAL	EACH	18	18							
^ *	X7800100 PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	2,592	2,592							
^ *	X7810300 RECESSED REFLECTIVE PAVEMENT MARKER	EACH	266	266							
^ *	X7830060 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1,121	1,121							
^ *	X7830070 GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	15,118	15,118							

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 \* DENOTES SPECIAL PROVISION

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
^ * X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	5,138	5,138							
^ * X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	3,935	3,935							
^ * X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	971	971							
^ * X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	3,046	3,046							
^ * X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	602	602							
^ * X8210005	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	47						47		
^ * X8250060	TEMPORARY LIGHTING CONTROLLER	EACH	1						1		
^ * X8300001	LIGHT POLE, SPECIAL	EACH	2						2		
^ * X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	60						60		
^ * X8360315	LIGHT POLE FOUNDATION, 30" DIAMETER, OFFSET	FOOT	168						168		
^ * X8380084	BREAKAWAY DEVICE, COUPLING	EACH	51						51		
^ * X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2				2				
^ * X8571315	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1				1				
^ * X8770123	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT. (SPECIAL)	EACH	1				1				
^ * X8770125	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT. (SPECIAL)	EACH	3				2	1			
^ * X8770127	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT. (SPECIAL)	EACH	1					1			
^ * X8770135	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT. (SPECIAL)	EACH	2				1	1			
^ * X8770137	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	EACH	2				2				
^ * X8770139	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. (SPECIAL)	EACH	1				1				
^ * X8770142	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT. (SPECIAL)	EACH	1				1				
^ * X8770152	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT. (SPECIAL)	EACH	1					1			
^ * X8772115	TEMPORARY MAST ARM, ALUMINUM, 15FT	EACH	2						2		
^ * X8772930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)	EACH	1				1				
^ * X8773050	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT. (SPECIAL)	EACH	1				1				
* XX003668	PRECONSTRUCTION VIDEO TAPING	LSUM	1							1	

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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	1B-0015B-13-WR	LAKE	623	16
CONTRACT NO. 61F25			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

DATE	
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
^ *	XX005723	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	2			1	1			
^ *	XX005928	TRAFFIC SIGNAL POST, 10 FOOT, (SPECIAL)	EACH	3			2	1			
^ *	XX005931	TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	12			8	4			
^ *	XX005940	REMOTE CONTROLLED VIDEO SYSTEM	EACH	4			3	1			
^ *	XX006655	LAYER II (DATALINK) SWITCH	EACH	3			2	1			
*	XX006658	FLOCCULATION LOGS	EACH	150	150						
*	XX006659	FLOCCULATION POWDER	POUND	5	5						
^ *	XX007018	LAYER III (NETWORK) SWITCH	EACH	1			1				
*	XX007092	RECESSED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	33	33						
*	XX007881	DOCUMENTATION CAMERAS	LSUM	1						1	
^ *	XX008068	LUMINAIRE INSTALLATION, TYPE 1	EACH	67			3	2	62		
^ *	XX008069	LUMINAIRE INSTALLATION, TYPE 2	EACH	8			6	2			
^ *	XX008132	RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM	EACH	3			3				
^ *	XX009135	LIGHT POLE, SPECIAL, TYPE 2	EACH	10					10		
*	XX009242	ANTI-GRAFFITI PROTECTION SYSTEM	SQ FT	1,115						1,115	
*	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	
^ *	Z0010600	CLEANING DRAINAGE SYSTEM	FOOT	1,742							1,742
*	Z0012450	CONCRETE STEPS	CU YD	2	2						
*	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1						
*	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	13							13
*	Z0019400	DRY RUBBLE STONE OR BROKEN CONCRETE TREE WELLS	CU YD	2	2						
*	Z0019598	DUST CONTROL, SPECIAL	GALLON	5,000	5,000						
*	Z0022800	FENCE REMOVAL	FOOT	1,198	1,198						

^ DENOTES SPECIALTY ITEM

\* DENOTES SPECIAL PROVISION

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

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	17
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F25	





FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	AREA	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	AREA	
	CHECKED	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 ROADWAY FED/COUNTY 80/20	0004 ROADWAY FED/ BUFFALO GROVE 80/20	0004 ROADWAY FED/COUNTY/ BUFFALO GROVE 80/16/4	0021 SIGNALS FED/COUNTY 80/20	0021 SIGNALS FED/ BUFFALO GROVE 80/20	0021 LIGHTING FED/ BUFFALO GROVE 80/20	0004 NON-PARTICIPATING COUNTY	0004 NON-PARTICIPATING BUFFALO GROVE
^ * XX009328	TEMPORARY WOOD POLE, 25 FT., CLASS 4, 3 FT. MAST ARM	EACH	8						8		
^ * XX009329	BASE COVER, LIGHT POLE, TYPE 2	EACH	10						10		
^ * XX009330	BREAKAWAY DEVICE, COUPLING, TYPE 2	EACH	10						10		

^ DENOTES SPECIALTY ITEM

\* DENOTES SPECIAL PROVISION

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DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

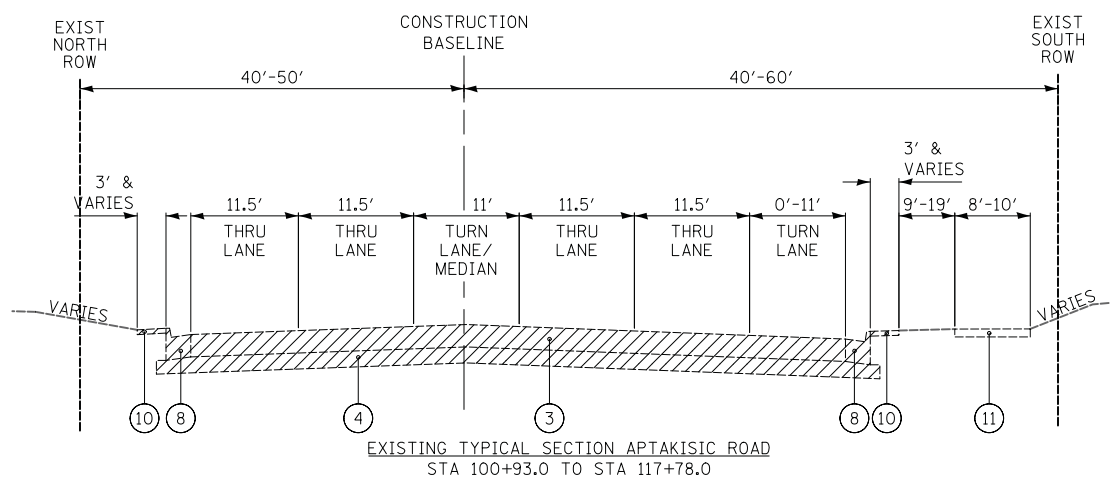
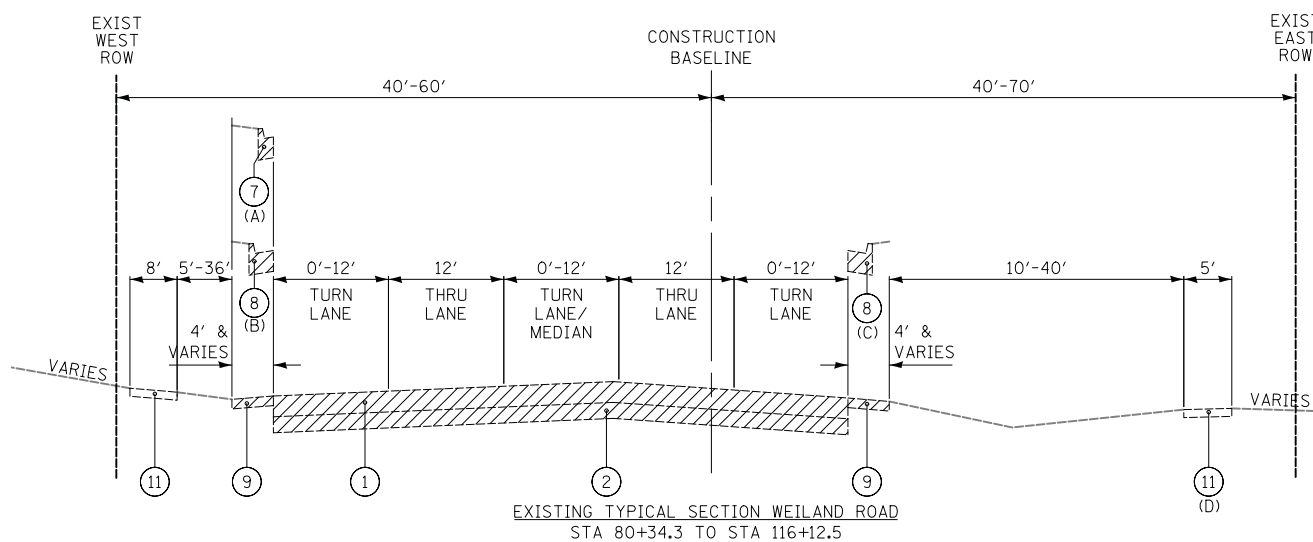
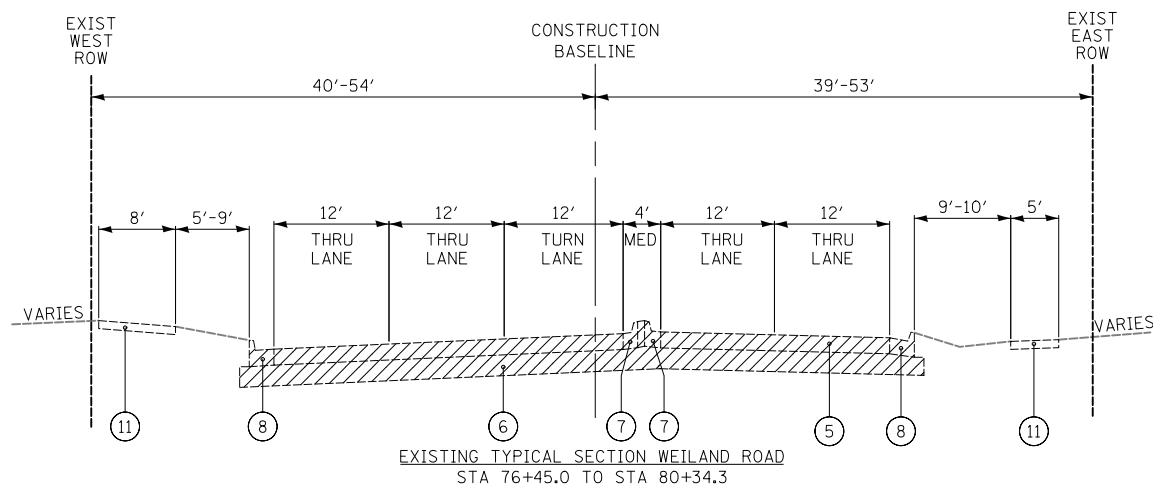
**SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	19
CONTRACT NO. 61F25				
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.	



**EXISTING LEGEND**

- ① EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 12" 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 8" (REFERENCE ROADWAY GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED MARCH 18, 2010)
  - ③ EXISTING HOT-MIX ASPHALT PAVEMENT, THICKNESS VARIES FROM 12.25" TO 14" (REFERENCE ROADWAY GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED MARCH 18, 2010)
  - ④ EXISTING AGGREGATE SUBGRADE, THICKNESS VARIES FROM 6.75" TO 10" (REFERENCE ROADWAY GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED MARCH 18, 2010)
  - ⑤ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 10" (REFERENCE ROADWAY GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED MARCH 18, 2010)
  - ⑥ EXISTING AGGREGATE SUBGRADE OF PCC PAVEMENT, 6" (REFERENCE ROADWAY GEOTECHNICAL REPORT PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. DATED MARCH 18, 2010)
  - ⑦ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑧ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - ⑨ EXISTING GRAVEL SHOULDER
  - ⑩ EXISTING HOT-MIX ASPHALT SHOULDER
  - ⑪ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK
- ▨ REMOVAL

- (A) STATION RANGE: 100+88.1 TO 104+53.2
- (B) STATION RANGE: 114+62.9 TO 116+12.5
- (C) STATION RANGE: 90+74.6 TO 93+90.8, 99+00.8 TO 102+10.9, 109+80.9 TO 111+89.8 AND 114+76.0 TO 116+12.5
- (D) STATION RANGE: 80+34.3 TO 101+43.7 AND 111+57.9 TO 116+12.5

DATE	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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 AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 4 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 5 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- 6 PROPOSED PCC SIDEWALK, 5 INCH WITH AGGREGATE BASE COURSE, TYPE B (4 INCH MIN.)
- 7 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 3" AND AGGREGATE BASE COURSE, TYPE B (6 INCH MIN.)
- 8 PROPOSED TOPSOIL 4" AND SODDING
- 9 PROPOSED TOPSOIL 30" (SEE LANDSCAPING SHEETS FOR LIMITS)
- 10 PROPOSED REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND PROPOSED AGGREGATE SUBGRADE IMPROVEMENT (SEE SOILS NOTE BELOW)
- 11 PROPOSED TOPSOIL 4" AND SEEDING CLASS 2A OR SODDING
- 12 PROPOSED PIPE UNDERDRAINS, TYPE 1, 4"
- 13 PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

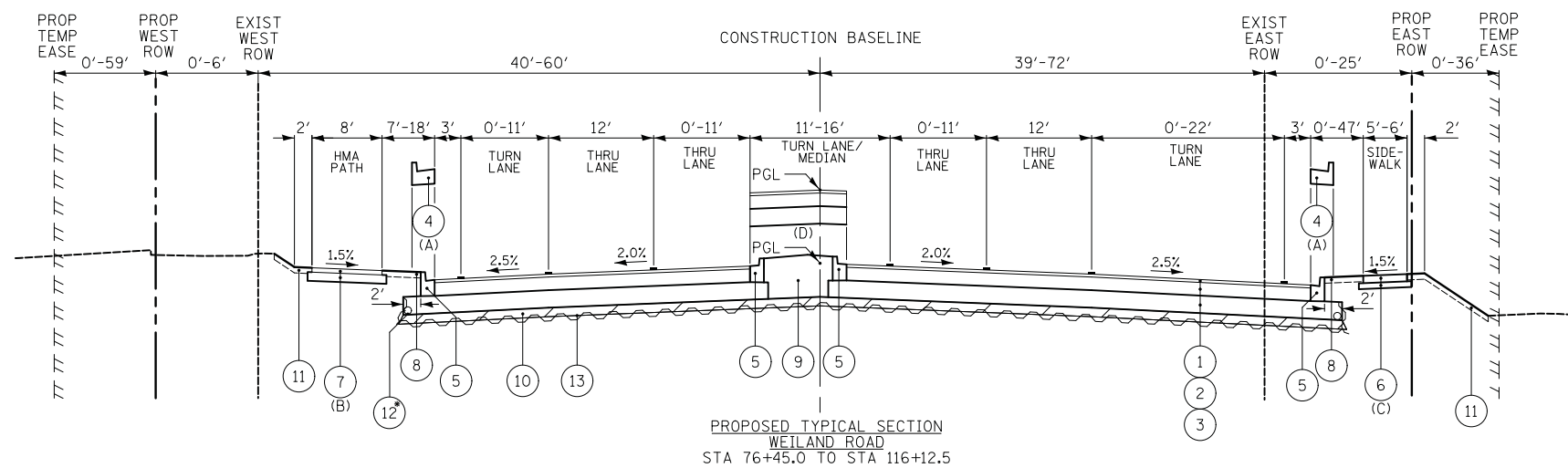
SOILS NOTE:

POROUS GRANULAR EMBANKMENT HAS BEEN PROVIDED FOR SOILS WHICH TEND TO BE UNSTABLE WHEN WET AT THE LOCATIONS INDICATED ON GEOTECHNICAL REPORTS PREPARED BY MIDLAND STANDARD ENGINEERING & TESTING, INC. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF A CONE PENETROMETER IN CONJUNCTION WITH THE IDOT SUBGRADE MANUAL). IF UNSTABLE SOILS ARE ENCOUNTERED, THE SOILS SHALL BE REMOVED AND REPLACED. POROUS GRANULAR EMBANKMENT SHALL BE PAID FOR AS "AGGREGATE SUBGRADE IMPROVEMENT" OR "POROUS GRANULAR EMBANKMENT, SPECIAL".

THE LIMITS OF UNSTABLE SOILS SHOWN IN THE PLANS ARE 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.

NOTE:

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



PROPOSED TYPICAL SECTION  
WEILAND ROAD  
STA 76+45.0 TO STA 116+12.5

\* 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.

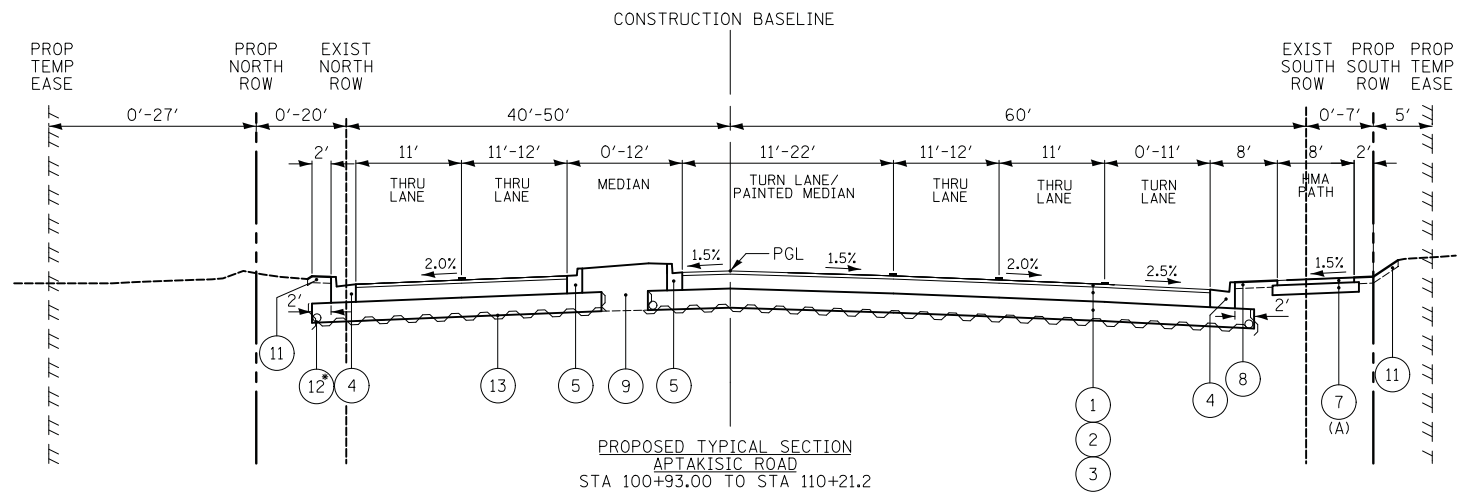
- (A) STATION RANGE: 76+45.0 TO 78+42.8
- (B) STATION RANGE: 79+75.0 TO 84+07.3 AND 100+86.6 TO 116+12.5
- (C) STATION RANGE: 78+44.4 TO 83+99.2, 91+88.9 TO 97+27.4 AND 100+78.9 TO 116+12.5
- (D) STATION RANGE: 102+25.0 TO 105+15.0

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
<b>PAVEMENT RECONSTRUCTION</b>	
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.
<b>PAVEMENT RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 Gyr.
<b>TEMPORARY PAVEMENT</b>	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 8"	4% @ 70 Gyr.
<b>BIKE PATH PAVEMENT</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.
<b>DRIVEWAYS</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.
<b>PATCHING (TEMPORARY)</b>	
CLASS D PATCHES (HMA BINDER IL-19 mm); 8"	4% @ 70 Gyr.
<b>TEMPORARY PAVEMENT (VARIABLE DEPTH)</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm); VAR. DEPTH	4% @ 70 Gyr.
<b>TEMPORARY SIDEWALK</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm); 3"	4% @ 50 Gyr.

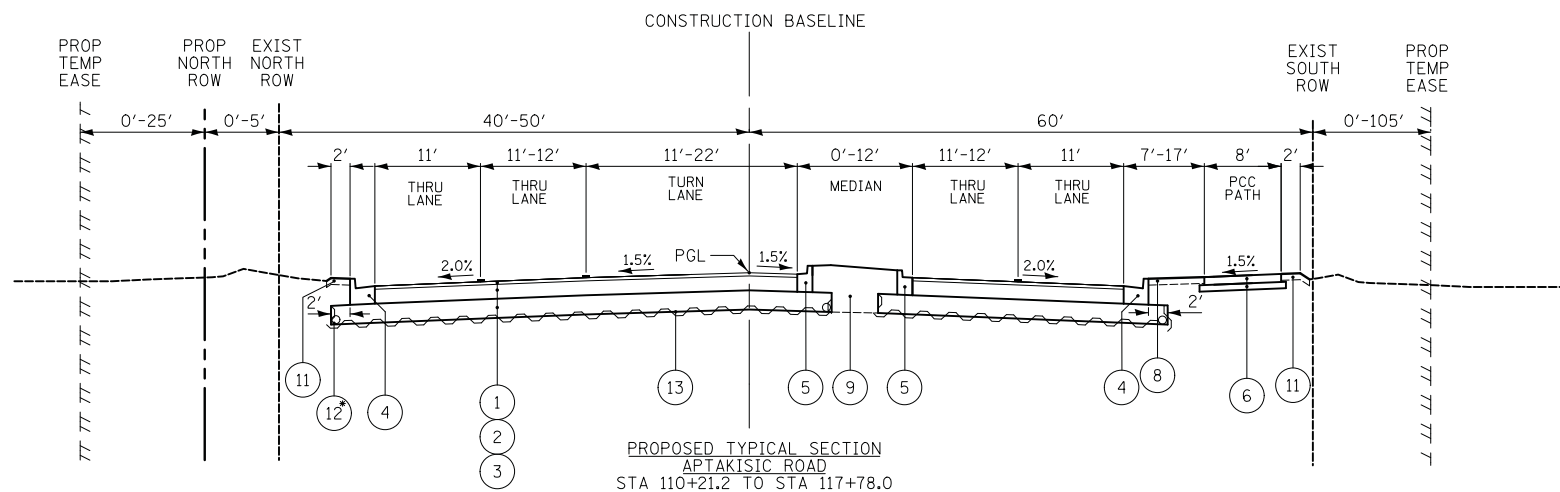
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR HMA FULL DEPTH "AC TYPE"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

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

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



(A) STATION RANGE: 105+20.7 TO 110+21.2

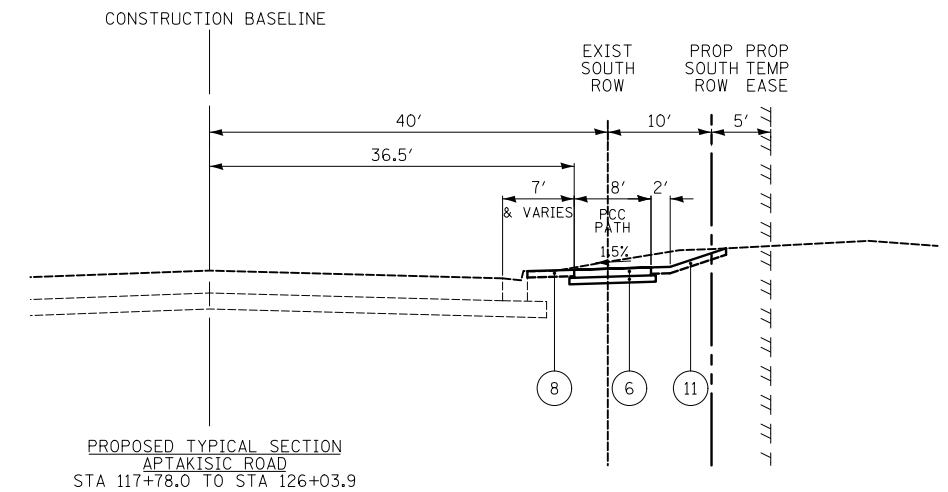


PROPOSED TYPICAL SECTION  
APTAKISIC ROAD  
STA 110+21.2 TO STA 117+78.0

- 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 AGGREGATE SUBGRADE IMPROVEMENT, 12"
  - ④ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - ⑤ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑥ PROPOSED PCC SIDEWALK, 5 INCH WITH AGGREGATE BASE COURSE, TYPE B (4 INCH MIN.)
  - ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 3" AND AGGREGATE BASE COURSE, TYPE B (6 INCH MIN.)
  - ⑧ PROPOSED TOPSOIL 4" AND SODDING
  - ⑨ PROPOSED TOPSOIL 30" (SEE LANDSCAPING SHEETS FOR LIMITS)
  - ⑩ PROPOSED REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND PROPOSED AGGREGATE SUBGRADE IMPROVEMENT
  - ⑪ PROPOSED TOPSOIL 4" AND SEEDING CLASS 2A OR SODDING
  - ⑫ PROPOSED PIPE UNDERDRAINS, TYPE 1, 4"
  - ⑬ PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

**NOTE:**

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



PROPOSED TYPICAL SECTION  
APTAKISIC ROAD  
STA 117+78.0 TO STA 126+03.9

\* 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.

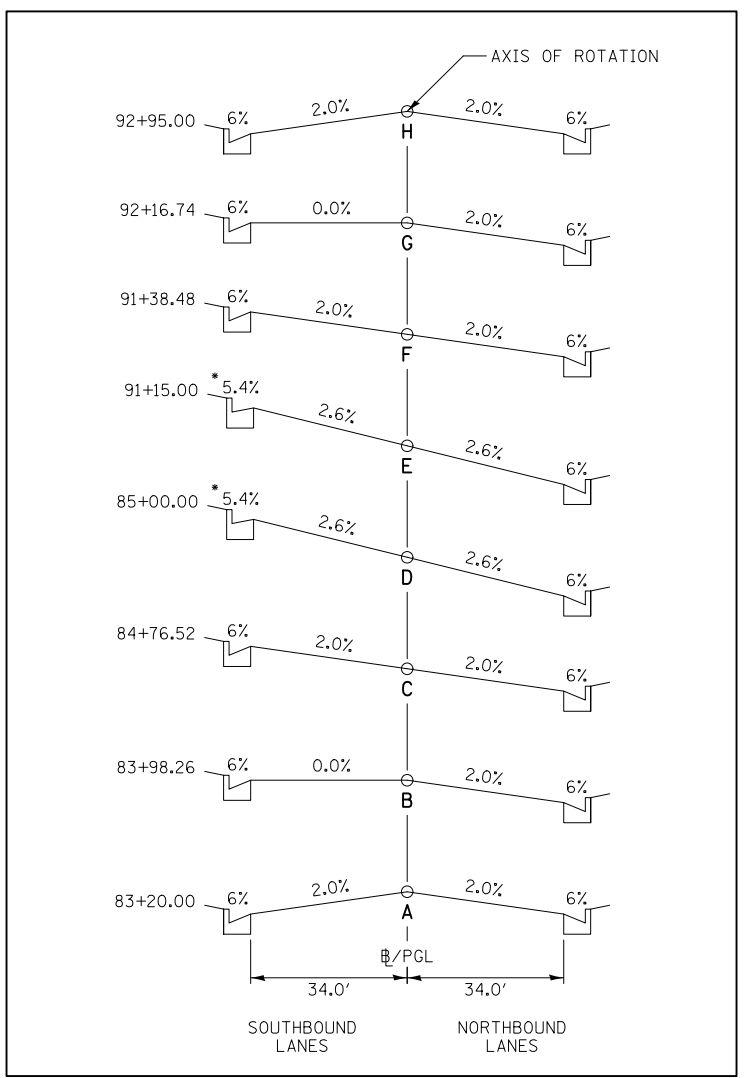


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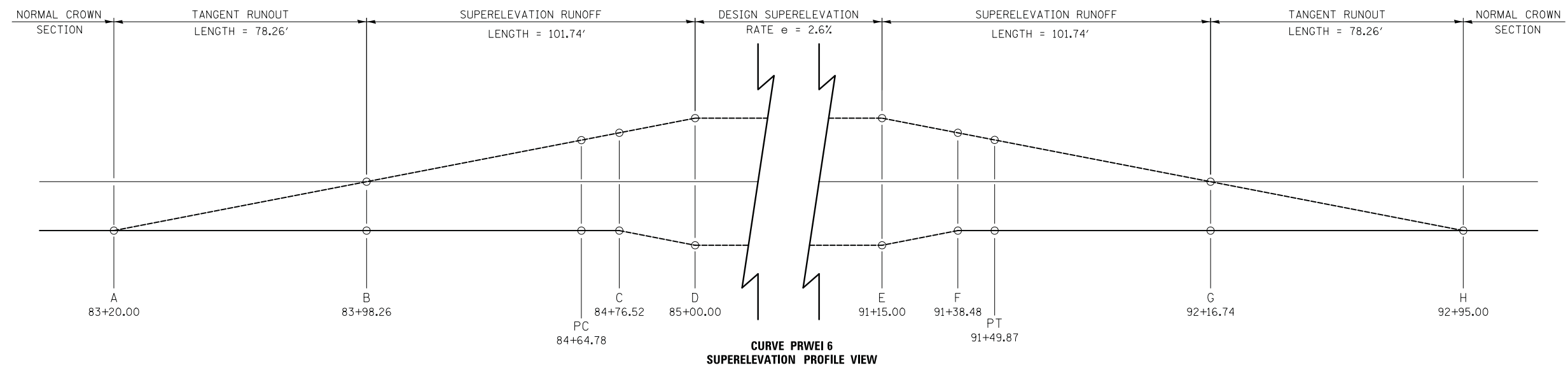
Curve PRWEI 6 Superelevation Stationing and Elevations								
Transition Point	BL/PGL EL.	Station	SB Super Rate	SB LT EOCP	SB Gutter Slope	NB Super Rate	NB RT EOCP	NB Gutter Slope
A = Normal	685.07	83+20.00	-2.00%	684.39	-6.00%	-2.00%	684.39	-6.00%
	685.05	83+25.00	-1.87%	684.41	-6.00%	-2.00%	684.37	-6.00%
	684.92	83+50.00	-1.23%	684.50	-6.00%	-2.00%	684.24	-6.00%
	684.79	83+75.00	-0.59%	684.59	-6.00%	-2.00%	684.11	-6.00%
B = Zero	684.67	83+98.26	0.00%	684.67	-6.00%	-2.00%	683.99	-6.00%
	684.66	84+00.00	0.04%	684.68	-6.00%	-2.00%	683.98	-6.00%
	684.54	84+25.00	0.68%	684.77	-6.00%	-2.00%	683.86	-6.00%
	684.41	84+50.00	1.32%	684.86	-6.00%	-2.00%	683.73	-6.00%
PC	684.34	84+64.78	1.70%	684.91	-6.00%	-2.00%	683.66	-6.00%
	684.28	84+75.00	1.96%	684.95	-6.00%	-2.00%	683.60	-6.00%
C = Edge Breakpoint	684.28	84+76.52	2.00%	684.96	-6.00%	-2.00%	683.60	-6.00%
	684.16	85+00.00	2.60%	685.04	-5.40%	-2.60%	683.27	-6.00%
D = Full Super	684.03	85+25.00	2.60%	684.91	-5.40%	-2.60%	683.15	-6.00%
	683.90	85+50.00	2.60%	684.79	-5.40%	-2.60%	683.02	-6.00%
	683.78	85+75.00	2.60%	684.66	-5.40%	-2.60%	682.89	-6.00%
	683.65	86+00.00	2.60%	684.53	-5.40%	-2.60%	682.77	-6.00%
	683.52	86+25.00	2.60%	684.41	-5.40%	-2.60%	682.64	-6.00%
	683.40	86+50.00	2.60%	684.28	-5.40%	-2.60%	682.51	-6.00%
	683.27	86+75.00	2.60%	684.15	-5.40%	-2.60%	682.38	-6.00%
	683.14	87+00.00	2.60%	684.03	-5.40%	-2.60%	682.26	-6.00%
	683.01	87+25.00	2.60%	683.90	-5.40%	-2.60%	682.13	-6.00%
	682.89	87+50.00	2.60%	683.77	-5.40%	-2.60%	682.00	-6.00%
	682.75	87+75.00	2.60%	683.63	-5.40%	-2.60%	681.87	-6.00%
	682.57	88+00.00	2.60%	683.45	-5.40%	-2.60%	681.69	-6.00%
	682.35	88+25.00	2.60%	683.23	-5.40%	-2.60%	681.46	-6.00%
	682.08	88+50.00	2.60%	682.97	-5.40%	-2.60%	681.20	-6.00%
	681.77	88+75.00	2.60%	682.66	-5.40%	-2.60%	680.89	-6.00%
	681.42	89+00.00	2.60%	682.30	-5.40%	-2.60%	680.54	-6.00%
681.06	89+25.00	2.60%	681.94	-5.40%	-2.60%	680.17	-6.00%	
680.70	89+50.00	2.60%	681.58	-5.40%	-2.60%	679.81	-6.00%	
680.33	89+75.00	2.60%	681.22	-5.40%	-2.60%	679.45	-6.00%	
679.97	90+00.00	2.60%	680.86	-5.40%	-2.60%	679.09	-6.00%	
679.61	90+25.00	2.60%	680.49	-5.40%	-2.60%	678.73	-6.00%	
679.25	90+50.00	2.60%	680.13	-5.40%	-2.60%	678.36	-6.00%	
678.89	90+75.00	2.60%	679.77	-5.40%	-2.60%	678.00	-6.00%	
678.53	91+00.00	2.60%	679.41	-5.40%	-2.60%	677.64	-6.00%	
E = Full Super	678.32	91+15.00	2.60%	679.21	-5.40%	-2.60%	677.44	-6.00%
	678.20	91+25.00	2.34%	679.00	-5.66%	-2.34%	677.40	-6.00%
F = Edge Breakpoint	678.04	91+38.48	2.00%	678.72	-6.00%	-2.00%	677.36	-6.00%
	677.91	91+49.87	1.71%	678.49	-6.00%	-2.00%	677.23	-6.00%
PT	677.91	91+50.00	1.71%	678.49	-6.00%	-2.00%	677.23	-6.00%
	677.65	91+75.00	1.07%	678.02	-6.00%	-2.00%	676.97	-6.00%
	677.44	92+00.00	0.43%	677.59	-6.00%	-2.00%	676.76	-6.00%
	677.32	92+16.74	0.00%	677.32	-6.00%	-2.00%	676.64	-6.00%
G = Zero	677.26	92+25.00	-0.21%	677.19	-6.00%	-2.00%	676.58	-6.00%
	677.12	92+50.00	-0.85%	676.83	-6.00%	-2.00%	676.44	-6.00%
	677.02	92+75.00	-1.49%	676.51	-6.00%	-2.00%	676.34	-6.00%
H = Normal	676.97	92+95.00	-2.00%	676.29	-6.00%	-2.00%	676.29	-6.00%

Curve PRWEI 6 Superelevation Variables	
Radius of curve =	2,864.790 ft
Design speed =	45.0 mph
Width of lane =	12.0 ft
e =	0.026 $\frac{ft}{ft}$
Max Grade =	1.45 %
Normal Slope =	0.020 $\frac{ft}{ft}$
PC =	84+64.78
PT =	91+49.87
e <sub>max</sub> =	4.0 %
RS =	185.00
L <sub>1</sub> =	101.74 ft
TR =	78.26 ft



\* ON THE HIGH SIDE OF EACH TRAVELED WAY, THE GUTTERS WILL BE SET AT 6% UNTIL AN 8% BREAKOVER OCCURS BETWEEN THE GUTTER PANS AND THE ADJACENT PAVEMENT. FROM THIS POINT, THE CROSS SLOPE OF THE GUTTER PANS ON THE HIGH SIDE ARE ROTATED WITH THE ROADWAY THROUGH THE SUPERELEVATION TRANSITION MAINTAINING AN 8% BREAKOVER. SEE SUPERELEVATION TABLES FOR REFERENCE.

**CURVE PRWEI 6  
CROSS SECTION VIEW**



**CURVE PRWEI 6  
SUPERELEVATION PROFILE VIEW**



DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

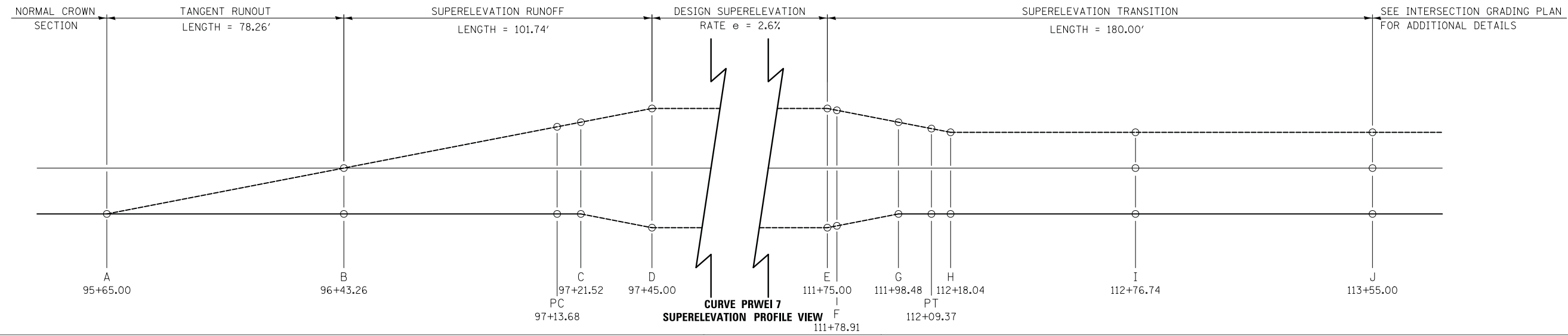
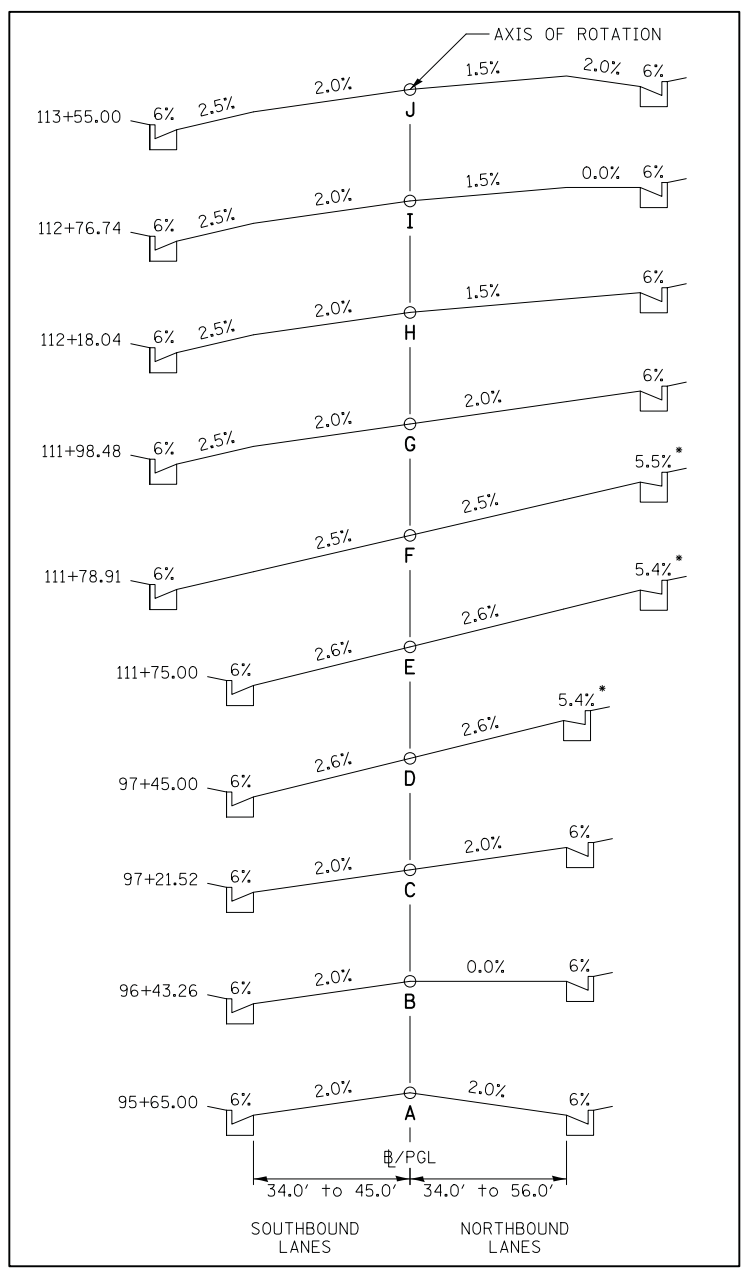
DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 TEMPLATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

Curve PRWEI 7 Superelevation Stationing and Elevations								
Transition Point	BL/PGL EL	Station	SB Super Rate	SB LT EOP	SB Gutter Slope	NB Super Rate	NB RT EOP	NB Gutter Slope
A = Normal	678.50	95+65.00	-2.00%	677.82	-6.00%	-2.00%	677.82	-6.00%
	678.61	95+75.00	-2.00%	677.93	-6.00%	-1.74%	678.02	-6.00%
	678.88	96+00.00	-2.00%	678.20	-6.00%	-1.11%	678.51	-6.00%
B = Zero	679.16	96+25.00	-2.00%	678.48	-6.00%	-0.47%	679.00	-6.00%
	679.35	96+43.26	-2.00%	678.67	-6.00%	0.00%	679.35	-6.00%
	679.43	96+50.00	-2.00%	678.75	-6.00%	0.17%	679.49	-6.00%
PC	679.70	96+75.00	-2.00%	679.02	-6.00%	0.81%	679.97	-6.00%
	679.97	97+00.00	-2.00%	679.29	-6.00%	1.45%	680.46	-6.00%
	680.12	97+13.68	-2.00%	679.44	-6.00%	1.80%	680.73	-6.00%
C = Edge Breakpoint	680.20	97+21.52	-2.00%	679.52	-6.00%	2.00%	680.88	-6.00%
	680.24	97+25.00	-2.09%	679.53	-6.00%	2.09%	680.95	-5.91%
	680.46	97+45.00	-2.60%	679.58	-6.00%	2.60%	681.34	-5.40%
D = Full Super	680.51	97+50.00	-2.60%	679.63	-6.00%	2.60%	681.40	-5.40%
	680.79	97+75.00	-2.60%	679.90	-6.00%	2.60%	681.67	-5.40%
	681.06	98+00.00	-2.60%	680.17	-6.00%	2.60%	681.94	-5.40%
E = Full Super	681.33	98+25.00	-2.60%	680.44	-6.00%	2.60%	682.21	-5.40%
	681.60	98+50.00	-2.60%	680.72	-6.00%	2.60%	682.48	-5.40%
	681.87	98+75.00	-2.60%	680.99	-6.00%	2.60%	682.76	-5.40%
F = RTL Normal	682.14	99+00.00	-2.60%	681.26	-6.00%	2.60%	683.03	-5.40%
	682.41	99+25.00	-2.60%	681.53	-6.00%	2.60%	683.30	-5.40%
	682.69	99+50.00	-2.60%	681.80	-6.00%	2.60%	683.57	-5.40%
G = Edge Breakpoint	682.96	99+75.00	-2.60%	682.07	-6.00%	2.60%	683.84	-5.40%
	683.20	100+00.00	-2.60%	682.31	-6.00%	2.60%	684.08	-5.40%
	683.39	100+25.00	-2.60%	682.51	-6.00%	2.60%	684.28	-5.40%
H = Constant Super	683.55	100+50.00	-2.60%	682.67	-6.00%	2.60%	684.44	-5.40%
	683.68	100+75.00	-2.60%	682.79	-6.00%	2.60%	684.56	-5.40%
	683.76	101+00.00	-2.60%	SIDE ROAD	-6.00%	2.60%	SIDE ROAD	-5.40%
I = RTL Zero	683.80	101+25.00	-2.60%	SIDE ROAD	-6.00%	2.60%	SIDE ROAD	-5.40%
	683.76	101+50.00	-2.60%	SIDE ROAD	-6.00%	2.60%	SIDE ROAD	-5.40%
	683.68	102+00.00	-2.60%	SIDE ROAD	-6.00%	2.60%	SIDE ROAD	-5.40%
J = RTL Normal	683.56	102+25.00	-2.60%	SIDE ROAD	-6.00%	2.60%	SIDE ROAD	-5.40%
	683.40	102+50.00	-2.60%	682.52	-6.00%	2.60%	684.09	-5.40%
	683.20	102+75.00	-2.60%	682.32	-6.00%	2.60%	683.85	-5.40%

Curve PRWEI 7 Superelevation Stationing and Elevations								
Transition Point	BL/PGL EL	Station	SB Super Rate	SB LT EOP	SB Gutter Slope	NB Super Rate	NB RT EOP	NB Gutter Slope
Full Super	683.27	108+00.00	-2.60%	682.39	-6.00%	2.60%	684.38	-5.40%
	683.37	108+25.00	-2.60%	682.48	-6.00%	2.60%	684.52	-5.40%
	683.46	108+50.00	-2.60%	682.58	-6.00%	2.60%	684.66	-5.40%
Full Super	683.56	108+75.00	-2.60%	682.67	-6.00%	2.60%	684.80	-5.40%
	683.65	109+00.00	-2.60%	682.77	-6.00%	2.60%	684.95	-5.40%
	683.75	109+25.00	-2.60%	682.86	-6.00%	2.60%	685.09	-5.40%
Full Super	683.84	109+50.00	-2.60%	682.96	-6.00%	2.60%	685.23	-5.40%
	683.94	109+75.00	-2.60%	683.05	-6.00%	2.60%	685.37	-5.40%
	684.03	110+00.00	-2.60%	683.15	-6.00%	2.60%	685.49	-5.40%
Full Super	684.13	110+25.00	-2.60%	683.24	-6.00%	2.60%	685.58	-5.40%
	684.22	110+50.00	-2.60%	683.34	-6.00%	2.60%	685.68	-5.40%
	684.32	110+75.00	-2.60%	683.43	-6.00%	2.60%	685.77	-5.40%
Full Super	684.41	111+00.00	-2.60%	SIDE ROAD	-6.00%	2.60%	SIDE ROAD	-5.40%
	684.50	111+25.00	-2.60%	SIDE ROAD	-6.00%	2.60%	SIDE ROAD	-5.40%
	684.60	111+50.00	-2.60%	SIDE ROAD	-6.00%	2.60%	SIDE ROAD	-5.40%
Full Super	684.69	111+75.00	-2.60%	683.52	-6.00%	2.60%	685.86	-5.40%
	684.71	111+78.91	-2.50%	683.58	-6.00%	2.50%	686.11	-5.50%
	684.78	111+98.48	-2.00%	683.81	-6.00%	2.00%	685.90	-6.00%
PT	684.79	112+00.00	-2.00%	683.82	-6.00%	1.96%	685.89	-6.00%
	684.82	112+09.37	-2.00%	683.85	-6.00%	1.72%	685.79	-6.00%
	684.86	112+18.04	-2.00%	683.89	-6.00%	1.50%	685.70	-6.00%
Full Super	684.88	112+25.00	-2.00%	683.91	-6.00%	1.50%	685.68	-6.00%
	684.98	112+50.00	-2.00%	684.01	-6.00%	1.50%	685.61	-6.00%
	685.07	112+75.00	-2.00%	684.10	-6.00%	1.50%	685.55	-6.00%
Full Super	685.08	112+76.74	-2.00%	684.11	-6.00%	1.50%	685.54	-6.00%
	685.17	113+00.00	-2.00%	684.20	-6.00%	1.50%	685.48	-6.00%
	685.26	113+25.00	-2.00%	684.29	-6.00%	1.50%	685.42	-6.00%
Full Super	685.36	113+50.00	-2.00%	684.39	-6.00%	1.50%	685.35	-6.00%
	685.38	113+55.00	-2.00%	684.41	-6.00%	1.50%	685.34	-6.00%

Curve PRWEI 7 Superelevation Variables	
Radius of curve =	2,864,790 ft
Design speed =	45.0 mph
Width of lane =	12.0 ft
e =	0.026 ff
Max Grade =	1.24 %
Normal Slope =	0.020 ff
PC =	97+13.68
PT =	112+09.37
e <sub>max</sub>	4.0 %
RS =	185.00
L <sub>1</sub> =	101.74 ft
TR =	78.26 ft

\* ON THE HIGH SIDE OF EACH TRAVELED WAY, THE GUTTERS WILL BE SET AT 6% UNTIL AN 8% BREAKOVER OCCURS BETWEEN THE GUTTER PANS AND THE ADJACENT PAVEMENT. FROM THIS POINT, THE CROSS SLOPE OF THE GUTTER PANS ON THE HIGH SIDE ARE ROTATED WITH THE ROADWAY THROUGH THE SUPERELEVATION TRANSITION MAINTAINING AN 8% BREAKOVER. SEE SUPERELEVATION TABLES FOR REFERENCE.



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 www.civiltechinc.com

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 6/10/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

NO SCALE

**SUPERELEVATION DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	24
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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

1 SCHEDULE OF TEMPORARY EROSION CONTROL SEEDING (28000250)					
				AREA	TOTAL
SHEET NO.	ROAD NAME	START STA	END STA	SO FT	POUND
ECI-1	WEILAND RD	76+45	85+00	17071	40
		85+00	97+00	25127	58
ECI-2	WEILAND RD	97+00	109+00	32245	75
		109+00	115+56	15682	37
ECI-2	APTAKISIC RD	108+00	112+50	23318	54
ECI-3		100+93	108+00	14724	34
ECII-1	WEILAND RD	112+50	117+78	26028	60
		79+33	85+00	14254	33
ECII-2	WEILAND RD	85+00	97+00	13609	32
		97+00	109+00	11665	27
ECII-2	APTAKISIC RD	109+00	115+56	10022	24
		108+00	112+50	2038	5
ECII-3	APTAKISIC RD	100+93	108+00	1501	4
		112+50	117+78	56	1
ECIII-1	WEILAND RD	85+00	97+00	7632	18
ECIII-2		97+00	109+00	1322	4
PROJECT TOTAL					506

2 TEMPORARY DITCH CHECKS (28000305)				
				TOTAL
SHEET NO.	ROAD NAME	START STA	END STA	FOOT
ECI-1	WEILAND RD	85+00	97+00	42
ECI-2		97+00	109+00	14
PROJECT TOTAL				56

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

3 PERIMETER EROSION BARRIER (28000400)					
				TOTAL	
SHEET NO.	ROAD NAME	START STA	END STA	FOOT	
ECI-1	WEILAND RD	76+45	85+00	825	
		85+00	97+00	212	
ECI-2	WEILAND RD	97+00	109+00	96	
		109+00	115+56	503	
ECI-2	APTAKISIC RD	108+00	112+50	170	
ECI-3		100+93	108+00	783	
ECI-3	APTAKISIC RD	112+50	117+78	786	
		PROJECT TOTAL			

4 SCHEDULE OF INLET FILTERS (28000510)					
				TOTAL	
SHEET NO.	ROAD NAME	START STA	END STA	EACH	
ECI-1	WEILAND RD	79+33	85+00	9	
		85+00	97+00	13	
ECI-2	WEILAND RD	97+00	109+00	10	
		109+00	115+56	7	
ECI-2	APTAKISIC RD	108+00	112+50	14	
ECI-3		100+93	108+00	18	
ECII-1	WEILAND RD	112+50	117+78	3	
		79+33	85+00	5	
ECII-2	WEILAND RD	85+00	97+00	16	
		97+00	109+00	12	
ECII-2	APTAKISIC RD	109+00	115+56	8	
		108+00	112+50	0	
ECII-3	APTAKISIC RD	100+93	108+00	1	
		112+50	117+78	0	
ECIII-1	WEILAND RD	79+33	85+00	0	
		85+00	97+00	6	
ECIII-2	WEILAND RD	97+00	109+00	5	
		109+00	115+56	1	
ECIII-2	APTAKISIC RD	108+00	112+50	0	
		100+93	108+00	0	
ECIII-3	APTAKISIC RD	112+50	117+78	0	
		PROJECT TOTAL			

5 SCHEDULE OF TEMPORARY EROSION CONTROL BLANKET (28001100)					
				AREA	TOTAL
SHEET NO.	ROAD NAME	START STA	END STA	SO FT	SO YD
ECI-1	WEILAND RD	76+45	85+00	17,071	1,897
		85+00	97+00	25,127	2,792
ECI-2	WEILAND RD	97+00	109+00	32,245	3,583
		109+00	115+56	15,682	1,743
ECI-2	APTAKISIC RD	108+00	112+50	23,318	2,591
ECI-3		100+93	108+00	14,724	1,637
ECII-1	WEILAND RD	112+50	117+78	26,028	2,892
		79+33	85+00	14,254	1,584
ECII-2	WEILAND RD	85+00	97+00	13,609	1,513
		97+00	109+00	11,665	1,297
ECII-2	APTAKISIC RD	109+00	115+56	10,022	1,114
		108+00	112+50	2,038	227
ECII-3	APTAKISIC RD	100+93	108+00	1,501	167
		112+50	117+78	56	7
ECIII-1	WEILAND RD	85+00	97+00	7,632	848
ECIII-2		97+00	109+00	1,322	147
PROJECT TOTAL					24,039

6 TEMPORARY DITCH CHECKS SPECIAL (X2800302)				
				TOTAL
SHEET NO.	ROAD NAME	START STA	END STA	FOOT
ECI-1	WEILAND RD	85+00	97+00	50
ECI-2		97+00	109+00	17
PROJECT TOTAL				67



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

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

7		SCHEDULE OF TREE PROTECTION ITEMS										
SHEET NO.	ROAD NAME	LOCATION			DESCRIPTION	(20101000)	(20101200)	(20101300)	(20101350)			
		STATION	OFFSET	LT/RT		TEMPORARY FENCE	TREE ROOT PRUNING	TREE PRUNING (1 TO 10 INCH DIAMETER)	TREE PRUNING (OVER 10 INCH DIAMETER)			
					TYPE	SIZE (INCH)	(FOOT)	(EACH)	(EACH)	(EACH)		
ECI-2	WEILAND RD	101+10	74.4'	RT	DECIDUOUS	9",9",10"	20	1	1			
		102+52	60.6'	RT	DECIDUOUS	3",3",3"	20	1	1			
		104+99	54.7'	RT	DECIDUOUS	5",5",5",5"	20	1	1			
		105+02	74.7'	RT	DECIDUOUS	4"	20	1	1			
		105+07	111.5'	RT	DECIDUOUS	15"	20	1		1		
		105+15	85.3'	RT	DECIDUOUS	7"	20	1	1			
		110+96	121.9'	RT	DECIDUOUS	5"	20	1	1			
		110+99	109.2'	RT	DECIDUOUS	5"	20	1	1			
		111+01	95.0'	RT	DECIDUOUS	5"	20	1	1			
		111+04	80.0'	RT	DECIDUOUS	5"	20	1	1			
		115+03	157.0'	RT	DECIDUOUS	2",2",3",3",3",3"	20	1	1			
ECI-3	APTAKISIC RD	108+80	50.9'	LT	EVERGREEN	10"	20	1	1			
		102+09	49.8'	LT	DECIDUOUS	15"	20	1		1		
		102+33	43.4'	LT	DECIDUOUS	7"	20	1	1			
		104+47	55.0'	LT	DECIDUOUS	6",7",9"	20	1	1			
		106+94	68.5'	RT	DECIDUOUS	2",4",4",6"	20	1	1			
		115+88	61.7'	LT	DECIDUOUS	13"	20	1		1		
		119+66	55.0'	RT	DECIDUOUS	4",4"	20	1	1			
		120+28	53.7'	RT	DECIDUOUS	10",11"	20	1		1		
		120+70	52.1'	RT	DECIDUOUS	3"	20	1	1			
		PROJECT TOTAL						420	21	17	4	

8		SCHEDULE OF TREE REMOVAL			
SHEET NO.	ROAD NAME	START STA	END STA	(20100110)	(20100210)
				6 TO 15 UNITS DIAMETER	OVER 15 UNITS DIAMETER
				(UNITS)	(UNITS)
REM1	WEILAND RD	76+45	85+00	14	
		85+00	97+00	57	
		97+00	109+00	13	
REM2	WEILAND RD	109+00	115+56	127	92
		108+00	112+50	45	
REM3	APTAKISIC RD	100+93	108+00	40	
		112+50	125+00	25	35
		PROJECT TOTAL			

9		EROSION CONTROL BLANKET (25100630)			
SHEET NO.	ROAD NAME	FROM	TO	SQ YD	
LS1	WEILAND RD	75+00	85+00	1,409	
		85+00	97+00	1,002	
LS2	WEILAND RD	97+00	109+00	1,642	
		109+00	115+56	381	
LS2	APTAKISIC RD	108+00	112+50	1,728	
LS3		100+00	108+00	298	
		112+50	127+50	755	
PROJECT TOTAL				7,215	

10		SEEDING, CLASS 2A (25000210)			
SHEET NO.	ROAD NAME	START STA	END STA	ACRES	
LS1	WEILAND RD	75+00	85+00	0.291	
		85+00	97+00	0.001	
LS2	WEILAND RD	97+00	109+00	0.309	
		109+00	115+56	0.052	
LS2	APTAKISIC RD	108+00	112+50	0.310	
LS3		100+00	108+00	0.027	
		112+50	127+50	0.155	
PROJECT TOTAL				1.25	

11		SODDING, SALT TOLERANT (25200110)			
SHEET NO.	ROAD NAME	START STA	END STA	SQ YD	
LS1	WEILAND RD	75+00	85+00	1,995	
		85+00	97+00	3,414	
LS2	WEILAND RD	97+00	109+00	2,660	
		109+00	115+56	2,102	
LS2	APTAKISIC RD	108+00	112+50	785	
LS3		100+93	108+00	1,759	
		112+50	127+50	2,157	
PROJECT TOTAL				14,872	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
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NO.	

12	SCHEDULE OF EARTHWORK QUANTITIES (SUMMARY)			
	(20200100) EARTH EXCAVATION	(20201200) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EMBANKMENT	(20400800) FURNISHED EXCAVATION (SEE NOTE 5 BELOW)
	(CU FT)	(CU FT)	(CU FT)	(CU FT)
Stage I - Welland Road	128,757	74,122	144,025	34,582
Stage IA - Welland Road				
Stage IB - Welland Road				
Stage II - Welland Road	141,470	17,177	66,374	
Stage IIA - Welland Road	16,215			
Stage IIB - Welland Road				
Stage III - Welland Road	48,613		206	
Stage I - Aptakisic Road	72,843	32,245	50,748	
Stage IA - Aptakisic Road	3,064			
Stage IB - Aptakisic Road				
Stage II - Aptakisic Road			1,118	1,118
Stage IIA - Aptakisic Road	29,868			
Stage IIB - Aptakisic Road				
Stage III - Aptakisic Road				
PROJECT SUBTOTAL (CU FT)	440,830	123,544	262,470	35,699
PROJECT SUBTOTAL (CU YD)	16,327	4,576	9,721	1,322
(30300001) AGGREGATE SUBGRADE IMPROVEMENT (CU YD) (SEE NOTE 4 BELOW)	-	4,291	-	-
(21101505) TOPSOIL EXCAVATION AND PLACEMENT (CU YD) (SEE NOTE 3 BELOW)	-	-4,286	-	-
PROJECT TOTAL (CU YD)	16,327	4,581	-	1,325

NOTE:

- ESTIMATE INCLUDES 8 INCHES OF TOPSOIL STRIPPING.
- 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.
- FURNISHED EXCAVATION IS CALCULATED PER CONSTRUCTION STAGE USING 15% SHRINKAGE FACTOR AS  
FURNISHED EXCAVATION = EMBANKMENT - EARTH EXCAVATION \* (1 - 0.15)

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

13	SCHEDULE OF STONE RIPRAP AND FILTER FABRIC				
		(28100205) STONE RIPRAP, CLASS A3	(28200200) FILTER FABRIC		
SHEET NO.	ROAD NAME	FROM	TO	(TON)	(SQ YD)
DU1	WEILAND RD	75+50	80+50		
DU2		80+50	85+00	6.75	15
DU3		85+00	90+00		
DU4		90+00	95+00		
DU5		95+00	100+00		
DU6		100+00	105+00		
DU7		105+00	110+00	4.05	9
DU8		110+00	114+50		
PROJECT TOTAL				11	24

14	AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)						
SHEET NO.	ROAD NAME	START STA	END STA	NOTE	DEPTH (IN)	AREA (SF)	AREA (SY)
PP1	WEILAND RD	75+00	80+50	FULL DEPTH	12	30,037	3,338
PP2		80+50	85+00	FULL DEPTH	12	35,518	3,947
PP3		85+00	90+00	FULL DEPTH	12	34,573	3,842
PP4		90+00	95+00	FULL DEPTH	12	37,681	4,187
PP5		95+00	100+00	FULL DEPTH	12	36,577	4,065
PP6		100+00	105+00	FULL DEPTH	12	45,173	5,020
PP7		105+00	110+00	FULL DEPTH	12	45,955	5,107
PP8		110+00	114+50	FULL DEPTH	12	50,536	5,616
PP9	APTAKISIC RD	100+00	104+00	FULL DEPTH	12	23,415	2,602
PP10		104+00	108+50	FULL DEPTH	12	36,014	4,002
PP11		108+50	113+00	FULL DEPTH	12	52,406	5,823
PP12		113+00	117+00	FULL DEPTH	12	29,366	3,263
PP13		117+00	117+78	FULL DEPTH	12	5,298	589
		118+90	120+02	CURB	12	542	61
	125+21	125+38	CURB	12	130	15	
PP14		125+85	125+88	CURB	12	63	7
PROJECT TOTAL							51,484

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

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

15		SCHEDULE OF AGGREGATE BASE COURSE, TYPE B (35101400)						COUNTY	VILLAGE
SHEET NO.	ROAD NAME	START STA	END STA	NOTE	DEPTH (IN)	LENGTH (FOOT)	AREA (SF)	(TON)	(TON)
PP1	WEILAND RD	75+21	76+14	SIDEWALK LT	4	18	1,062		29
		78+43	79+19	SIDEWALK LT	4		413		11
		78+39	80+50	SIDEWALK RT	4		1,229		31
		78+52	79+07	DW APRON RT	6	82	651	28	
		79+19	80+50	BIKEPATH LT	6		1,175		44
PP2	WEILAND RD	80+50	84+65	SIDEWALK RT	4		2,643		66
		80+50	83+62	BIKEPATH LT	6		3,114		116
		82+48	82+66	BIKEPATH RT	6		374		14
		83+87	84+25	BIKEPATH LT	6		394		15
		83+42	84+07	DW LT	8	65	948	50	
PP3	WEILAND RD	83+59	83+93	DW RT	8		166	9	
		83+92	84+03	SIDEWALK LT	4		58		2
		84+09	84+17	SIDEWALK LT	4	9	93		3
		88+38	89+08	SIDEWALK RT	4	9	374		11
		88+41	89+18	DW APRON RT	4	76	465	15	
PP4	WEILAND RD	88+50	88+90	DW RT	8	77	325	20	
		91+89	95+00	SIDEWALK RT	4		1,579		39
		94+25	94+35	SIDEWALK LT	4		89		3
		92+92	92+98	EDGE RT	4	9			2
		93+53	93+60	EDGE RT	4	9			2
PP5	WEILAND RD	95+00	97+27	SIDEWALK RT	4		1,366		34
		96+27	96+44	SIDEWALK LT	4		144		4
		100+74	101+40	SIDEWALK RT	4	14	888		24
		100+87	101+31	SIDEWALK LT	4	32	531		17
		101+88	102+37	SIDEWALK LT	4	38	516		18
PP6	WEILAND RD	101+92	105+00	SIDEWALK RT	4		1,897		47
		102+37	105+00	BIKEPATH LT	6		2,328		87
		101+00	101+48	DW RT	8		1,208	60	
		101+91	102+30	EDGE RT	4	46			6
		103+13	103+85	DW APRON RT	4	73	251	16	
PP7	WEILAND RD	103+33	103+66	DW RT	8		781	39	
		103+96	103+54	DW APRON RT	4	58	195	8	
		104+13	104+37	DW RT	8		913	46	
		105+00	110+00	BIKEPATH LT	6		4,429		165
		105+00	105+31	SIDEWALK RT	4	9	197		6
PP8	WEILAND RD	105+76	110+00	SIDEWALK RT	4	9	2,734		69
		107+31	110+00	EDGE RT	4	274			34
		110+00	111+08	BIKEPATH LT	6		963		36
		110+00	111+06	SIDEWALK RT	4	112	710		32
		114+26	114+32	SIDEWALK LT	4		174		5
PP9	APTAKISIC RD	111+55	114+50	SIDEWALK RT	4	11	2,191		56
		111+09	111+56	DW LT	8		1,626	81	
		111+57	114+50	BIKEPATH LT	6		2,628		98

15		SCHEDULE OF AGGREGATE BASE COURSE, TYPE B (35101400) (CONTINUED)						COUNTY	VILLAGE
SHEET NO.	ROAD NAME	START STA	END STA	NOTE	DEPTH (IN)	LENGTH (FOOT)	AREA (SF)	(TON)	(TON)
PP9	APTAKISIC RD	101+15	101+35	SIDEWALK RT	4	8	173		6
		101+81	102+01	SIDEWALK RT	4	8	312		9
		101+55	102+34	DW LT	6	79	979	40	
		102+69	103+12	DW LT	8	43	1,018	52	
		103+85	104+00	DW LT	8	15	32	3	
PP10	APTAKISIC RD	104+00	104+55	DW LT	8	55	561	30	
		105+21	108+50	BIKEPATH LT	6		2,963		110
		106+60	106+65	SIDEWALK RT	4	74	28		
		107+14	107+88	DW APRON LT	8		359	18	
		108+50	109+32	BIKEPATH RT	6		736		28
PP11	APTAKISIC RD	109+88	110+12	BIKEPATH RT	6		601		23
		109+32	109+96	SIDEWALK RT	4	18	928		26
		111+83	111+87	SIDEWALK LT	4		28		1
		109+47	109+96	EDGE RT	4	63			8
		111+09	113+00	SIDEWALK RT	4		2,212		55
PP12	APTAKISIC RD	111+09	111+58	EDGE RT	4	67			9
		108+49	109+12	DW LT	8		472	24	
		109+12	109+60	DW LT	8		331	17	
		111+51	112+21	DW LT	6		1,072	40	
		112+36	112+63	DW APRON RT	4	34	216	7	
PP13	APTAKISIC RD	112+49	112+99	DW RT	8		1,522	76	
		113+00	113+69	SIDEWALK RT	4		660		17
		114+05	117+00	SIDEWALK RT	4		2,661		66
		115+19	115+78	DW APRON RT	4	64	716	21	
		115+34	115+64	DW RT	8		756	38	
PP14	APTAKISIC RD	117+00	122+00	SIDEWALK RT	4		4,537		113
		118+95	119+97	DW APRON RT	4	102	514	17	
		119+10	119+29	DW RT	6		68	3	
PP14	APTAKISIC RD	119+48	119+61	DW RT	6		121	5	
		122+00	113+69	SIDEWALK RT	4	25	3,053		79
		125+86	126+32	SIDEWALK RT	4	11	562		16
PROJECT TOTAL								763	1,692

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	

16	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (21001000)				
SHEET NO.	STREET NAME	START STA	END STA	NOTE	AREA (SY)
PP1	WEILAND RD	75+00	80+50	FULL DEPTH	3,473
PP2		80+50	85+00	FULL DEPTH	4,083
PP3		85+00	90+00	FULL DEPTH	4,138
PP4		90+00	95+00	FULL DEPTH	4,441
PP5		95+00	100+00	FULL DEPTH	4,321
PP6		100+00	105+00	FULL DEPTH	5,156
PP7		105+00	110+00	FULL DEPTH	5,235
PP8		110+00	114+50	FULL DEPTH	5,755
PP9	APTAKISIC RD	100+00	104+00	FULL DEPTH	2,680
PP10		104+00	108+50	FULL DEPTH	4,704
PP11		108+50	113+00	FULL DEPTH	6,157
PP12		113+00	117+00	FULL DEPTH	3,372
PP13		117+00	117+78	FULL DEPTH	615
PP14		118+90	120+02	CURB	66
		125+21	125+38	CURB	16
		125+85	125+88	CURB	9
PROJECT TOTAL					54,221

17	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (40603085)							
SHEET NO.	ROAD NAME	START STA	END STA	NOTE	DEPTH (IN)	AREA (SF)	AREA (SY)	WEIGHT (112 LB/SQ YD-IN) (TON)
PP1	WEILAND RD	75+00	80+50	FULL DEPTH	9	26,104	2,900	1,462
PP2		80+50	85+00	FULL DEPTH	9	30,583	3,398	1,713
PP3		85+00	90+00	FULL DEPTH	9	27,542	3,060	1,543
PP4		90+00	95+00	FULL DEPTH	9	31,159	3,462	1,745
PP5		95+00	100+00	FULL DEPTH	9	29,820	3,313	1,670
PP6		100+00	105+00	FULL DEPTH	9	40,759	4,529	2,283
PP7		105+00	110+00	FULL DEPTH	9	39,903	4,434	2,235
PP8		110+00	114+50	FULL DEPTH	9	43,912	4,879	2,460
PP9	APTAKISIC RD	100+00	104+00	FULL DEPTH	9	20,685	2,298	1,159
PP10		104+00	108+50	FULL DEPTH	9	29,754	3,306	1,667
PP11		108+50	113+00	FULL DEPTH	9	44,702	4,967	2,504
PP12		113+00	117+00	FULL DEPTH	9	24,059	2,673	1,348
PP13		117+00	122+00	FULL DEPTH	9	4,584	509	257
PROJECT TOTAL								22,046

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	

18	SCHEDULE OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (40603335)								
SHEET NO.	ROAD NAME	START STA	END STA	NOTE	DEPTH (IN)	AREA (SF)	AREA (SY)	COUNTY (TON)	VILLAGE (TON)
PP1	WEILAND RD	79+19	80+50	BIKEPATH LT	3	1,045	116		20
PP2		80+50	83+62	BIKEPATH LT	3	2,787	310		52
		82+48	82+66	BIKEPATH RT	3	339	38		6
		83+59	83+93	DRIVE RT	3	161	18	3	
		83+42	84+07	DRIVE LT	3	887	99	17	
PP3		83+87	84+25	BIKEPATH LT	3	359	40		7
		88+50	88+90	DRIVE RT	3	316	35	6	
		PP6	101+00	101+48	DRIVE RT	3	912	101	17
103+33			103+66	DRIVE RT	3	750	83	14	
104+13			104+37	DRIVE RT	3	866	96	16	
PP7		102+37	105+00	BIKEPATH LT	3	2,192	244		41
		105+00	110+00	BIKEPATH LT	3	3,937	437		73
PP8		110+00	111+08	BIKEPATH LT	3	857	95		16
		111+09	111+57	DRIVE LT	3	1,457	162	27	
PP9	111+59	114+50	BIKEPATH LT	3	2,338	260		44	
	101+55	102+34	DRIVE LT	3	917	102	17		
PP10	102+69	103+12	DRIVE LT	3	910	101	17		
	103+85	104+00	DRIVE LT	3	24	3	0,4		
	104+00	104+55	DRIVE LT	3	492	55	9		
	107+14	107+88	DRIVE LT	3	334	37	6		
	105+21	108+50	BIKEPATH RT	3	2,636	293		49	
PP11	108+50	109+32	BIKEPATH RT	3	654	73		12	
	108+50	109+60	DRIVE LT	3	739	82	14		
	109+88	110+12	BIKEPATH RT	3	534	59		10	
	111+51	112+21	DRIVE LT	3	985	109	18		
	112+49	112+99	DRIVE RT	3	1,248	139	23		
PP12	115+34	115+64	DRIVE RT	3	636	71	12		
PP13	119+10	119+29	DRIVE RT	3	55	6	1		
	119+48	119+61	DRIVE RT	3	106	12	2		
PROJECT TOTAL								220	330

19	SCHEDULE OF HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (40603340)							
SHEET NO.	ROAD NAME	START STA	END STA	NOTE	DEPTH (IN)	AREA (SF)	AREA (SY)	WEIGHT (112 LB/SQ YD-IN) (TON)
PP1	WEILAND RD	75+00	80+50	FULL DEPTH	2	26,104	2,900	325
PP2		80+50	85+00	FULL DEPTH	2	30,583	3,398	381
PP3		85+00	90+00	FULL DEPTH	2	27,542	3,060	343
PP4		90+00	95+00	FULL DEPTH	2	31,159	3,462	388
PP5		95+00	100+00	FULL DEPTH	2	29,820	3,313	372
PP6		100+00	105+00	FULL DEPTH	2	40,759	4,529	508
PP7		105+00	110+00	FULL DEPTH	2	39,903	4,434	497
		111+02	111+42	RESURF	2	2,249	250	28
PP8		110+00	114+50	FULL DEPTH	2	43,912	4,879	547
		100+00	104+00	FULL DEPTH	2	20,685	2,298	258
PP10	104+00	108+50	FULL DEPTH	2	29,754	3,306	371	
PP11	APTAKISIC RD	108+50	113+00	FULL DEPTH	2	44,702	4,967	557
PP12		113+00	117+00	FULL DEPTH	2	24,059	2,673	300
PP13		117+00	122+00	FULL DEPTH	2	4,584	509	58
PROJECT TOTAL								4,933

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

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

20		BITUMINOUS MATERIALS (TACK COAT) (40700100)			
					WEIGHT
SHEET NO.	ROAD NAME	START STA	END STA	AREA (SF)	(POUND)
PP1	WEILAND RD	75+00	80+50	26,104	1,958
PP2		80+50	85+00	30,572	2,293
PP3		85+00	90+00	27,340	2,051
PP4		90+00	95+00	31,159	2,337
PP5		95+00	100+00	29,215	2,192
PP6		100+00	105+00	40,759	3,057
PP7		105+00	110+00	39,537	2,966
PP8		110+00	114+50	43,975	3,299
PP9	APTAKISIC RD	100+00	104+00	20,685	1,552
PP10		104+00	108+50	34,451	2,584
PP11		108+50	113+00	46,944	3,521
PP12		113+00	117+00	24,376	1,829
PP13		117+00	122+00	4,584	344
PROJECT TOTAL					29,983

22		SCHEDULE OF TEMPORARY PAVEMENT (VARIABLE DEPTH) (Z0062458)			
					WEIGHT
SHEET NO.	ROAD NAME	START STA	END STA	(TON)	
PP1	WEILAND RD	76+45	76+45	3	
PP2		83+55	83+90	2	
PP4		93+08	93+44	2	
PP6		101+43	101+76	2	
		101+50	101+82	2	
PP7		105+34	105+59	1	
		105+76	105+85	1	
PP8		111+07	111+43	2	
	111+09	111+64	2		
PP9	100+93	100+93	3		
	101+36	101+80	3		
PP10	APTAKISIC RD	105+87	106+09	1	
PP12		113+46	113+46	4	
		113+85	113+85	4	
PP13		117+78	117+78	3	
PROJECT TOTAL					35

21		SCHEDULE OF LONGITUDINAL JOINT SEALANT (Z0033700)			
					LENGTH
SHEET NO.	STREET NAME	START STA	END STA	(FOOT)	
PP1	WEILAND RD	76+50	80+50	2,630	
PP2		80+50	85+00	3,727	
PP3		85+00	90+00	2,482	
PP4		90+00	95+00	2,720	
PP5		95+00	100+00	3,096	
PP6		100+00	105+00	4,384	
PP7		105+00	110+00	4,720	
PP8		110+00	115+00	5,117	
PP9	APTAKISIC RD	100+00	104+00	2,457	
PP10		104+00	108+50	3,455	
PP11		108+50	113+00	5,851	
PP12		113+00	117+00	3,489	
PP13		117+00	117+71	731	
PROJECT TOTAL					44,859

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

23		SCHEDULE OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH (42300100)				
					AREA	AREA
SHEET NO.	ROAD NAME	START STA	END STA	SIDE	(SQ FT)	(SQ YD)
PP3	WEILAND RD	88+41	89+18	RT	446	50
PP6		103+14	103+85	RT	236	27
		103+96	104+54	RT	182	21
PP11		112+36	112+62	RT	167	19
PP12	APTAKISIC RD	115+18	115+79	RT	577	65
PP13		118+95	119+97	LT	471	53
PROJECT TOTAL						235



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

24	SCHEDULE OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH (42300400)				
					AREA
SHEET NO.	ROAD NAME	START STA	END STA	SIDE	(SQ YD)
PP1	WEILAND RD	78+51	79+08	RT	61
PROJECT TOTAL					61

25	PROTECTIVE COAT (42001300)				
					AREA
SHEET NO.	ROAD NAME	START STA	END STA	SQ YD	
PP1	WEILAND RD	76+45	80+50	599	
PP2		80+50	85+00	1169	
PP3		85+00	90+00	592	
PP4		90+00	95+00	707	
PP5		95+00	100+00	508	
PP6		100+00	105+00	494	
PP7		105+00	110+00	1096	
PP8		110+00	114+50	1374	
PP9	APTAKISIC RD	100+93	104+00	259	
PP10		104+00	108+50	706	
PP11		108+50	113+00	909	
PP12		113+00	117+00	603	
PP13		117+00	122+00	516	
PP14		122+00	127+00	56	
PROJECT TOTAL					9,588

26	SCHEDULE OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)						
					AREA		
SHEET NO.	ROAD NAME	START STA	END STA	SIDE	(SQ FT)		
PP1	WEILAND RD	75+21	76+14	LT	952		
		78+43	79+19	LT	369		
		78+39	80+50	RT	845		
PP2		80+50	84+65	RT	2,225		
PP3		84+09	84+17	LT	84		
		88+38	89+08	RT	346		
		91+89	92+98	RT	579		
PP4		94+25	94+35	LT	79		
		93+53	95+00	RT	745		
		95+00	97+27	RT	1,139		
PP5		96+27	96+44	LT	128		
		100+74	101+40	RT	760		
		100+87	101+31	LT	488		
PP6		101+88	102+37	LT	476		
	101+92	105+00	RT	1,672			
	105+00	105+31	RT	167			
PP7	105+76	110+00	RT	2,441			
	110+00	111+06	RT	655			
	114+26	114+32	LT	146			
PP8	111+55	114+50	RT	1,848			
	101+15	101+35	RT	154			
	101+81	102+01	RT	275			
PP9	106+60	106+65	RT	29			
	109+32	109+96	RT	867			
	111+09	113+00	RT	1,986			
PP10	APTAKISIC RD	113+00	113+69	RT	587		
		114+05	117+00	RT	2,373		
		117+00	122+00	RT	4,049		
122+00		125+35	RT	2,721			
PP11		125+87	126+04	RT	510		
		PROJECT TOTAL					29,695

27	SCHEDULE OF PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH (42400410)				
					AREA
SHEET NO.	ROAD NAME	START STA	END STA	SIDE	(SQ FT)
PP1	WEILAND RD	78+59	78+99	RT	199
PROJECT TOTAL					199

28	SCHEDULE OF PAVING BRICK SIDEWALK (LR430040)				
					AREA
SHEET NO.	ROAD NAME	START STA	END STA	SIDE	(SQ YD)
PP1	WEILAND RD	83+91	84+03	LT	7
PROJECT TOTAL					7



Two Pierce Place, Suite 1400  
Itasca, Illinois 60143  
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DRAWN - PK  
CHECKED - JRV  
DATE - 6/10/2019

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET NO. 8 OF 24 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	32
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

29		SCHEDULE OF DETECTABLE WARNINGS (42400800)			AREA
SHEET NO.	ROAD NAME	STATION	SIDE	(SQ FT)	
PP1	WEILAND RD	75+25	LT	34	
		78+54	RT	10	
		78+99	RT	11	
		78+59	LT	20	
		78+96	LT	19	
PP2	WEILAND RD	84+09	RT	16	
		84+09	LT	16	
PP3	WEILAND RD	88+49	RT	10	
PP4	WEILAND RD	88+90	RT	14	
		92+90	RT	17	
PP6	WEILAND RD	93+53	RT	17	
		101+04	LT	20	
		101+08	RT	11	
		101+19	LT	27	
		101+28	RT	12	
		101+31	RT	15	
		101+34	RT	11	
		101+88	LT	27	
		101+92	RT	15	
		102+10	LT	20	
		102+11	RT	21	
		105+24	RT	17	
		105+76	RT	17	
		PP8	WEILAND RD	110+97	RT
111+30	ISLAND			12	
111+33	ISLAND			12	
111+58	RT			19	
PP9	WEILAND RD	101+31	RT	17	
		101+81	RT	17	
		109+90	RT	20	
PP11	WEILAND RD	111+09	RT	55	
		112+42	RT	16	
		112+66	RT	16	
		113+64	RT	16	
PP12	APTAKISIC RD	114+08	RT	16	
		115+25	RT	19	
		115+66	RT	18	
PP13	APTAKISIC RD	117+80	RT	10	
PP14	APTAKISIC RD	125+30	RT	15	
		125+87	RT	20	
PROJECT TOTAL				715	

30		SCHEDULE OF PAVEMENT REMOVAL (44000100)					AREA	AREA
SHEET NO.	ROAD NAME	START STA	END STA	NOTE	(SQ FT)	(SQ YD)		
REM1	WEILAND RD	76+45	85+00	RECONSTRUCT	49,594	5,511		
		78+51	79+09	SIDE STREET	1,006	112		
		85+00	97+00	RECONSTRUCT	55,160	6,129		
REM2	WEILAND RD	97+00	109+00	RECONSTRUCT	70,966	7,886		
		109+00	115+76	RECONSTRUCT	39,775	4,420		
REM2	WEILAND RD	108+00	112+50	RECONSTRUCT	28,361	3,152		
REM3	APTAKISIC RD	100+93	108+00	RECONSTRUCT	43,978	4,887		
		112+50	113+52	RECONSTRUCT	5,183	576		
		113+52	117+78	RECONSTRUCT	23,483	2,610		
SOCI-1	WEILAND RD	76+45	78+34	TEMP PVMT	747	84		
		82+19	85+00	TEMP PVMT	1,276	142		
		85+00	97+00	TEMP PVMT	12,467	1,386		
SOCI-2	WEILAND RD	97+00	100+68	TEMP PVMT	1,526	170		
		104+66	109+00	TEMP PVMT	3,308	368		
		109+00	115+59	TEMP PVMT	8,335	927		
SOCI-3	APTAKISIC RD	113+12	113+39	TEMP PVMT	235	27		
		113+82	114+60	TEMP PVMT	777	87		
SOCIB-1	APTAKISIC RD	109+81	110+01	TEMP PVMT	397	45		
		110+28	110+43	TEMP PVMT	396	45		
SOCII-1	WEILAND RD	81+45	85+00	TEMP PVMT	4,300	478		
		85+00	97+00	TEMP PVMT	9,593	1,066		
		97+00	109+00	TEMP PVMT	9,750	1,084		
SOCII-2	WEILAND RD	109+00	109+03	TEMP PVMT	3	1		
SOCII-2	APTAKISIC RD	110+30	110+32	TEMP PVMT	30	4		
SOCII-3	APTAKISIC RD	110+81	112+50	TEMP PVMT	2,298	256		
SOCII-3	APTAKISIC RD	112+50	113+62	TEMP PVMT	741	83		
SOCIIA-1	WEILAND RD	84+25	85+00	TEMP PVMT	600	67		
		85+00	87+65	TEMP PVMT	1,492	166		
PROJECT TOTAL						41,769		

31		SCHEDULE OF HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)					AREA
SHEET NO.	ROAD NAME	START STA.	END STA.	NOTE	(SQ YD)		
REM1	WEILAND RD	111+06	111+42	RESURF	236		
PROJECT TOTAL						236	

32		HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT (40600982)					AREA
SHEET NO.	ROAD NAME	START STA.	END STA.	NOTE	(SQ YD)		
REM2	WEILAND RD	111+02	111+28	RESURF	15		
PROJECT TOTAL						15	

33		SCHEDULE OF DRIVEWAY PAVEMENT REMOVAL (44000200)					AREA	AREA
SHEET NO.	ROAD NAME	STATION	SIDE	(SQ FT)	(SQ YD)			
REM1	WEILAND RD	78+77	RT	702	79			
		83+75	LT	837	93			
		83+75	RT	1428	159			
		88+67	RT	1341	150			
		101+00	RT	821	92			
REM2	WEILAND RD	103+49	RT	1496	167			
		104+21	RT	1238	138			
		111+33	LT	1152	128			
REM2	APTAKISIC RD	108+76	LT	220	24			
		109+18	LT	169	19			
		110+90	LT	427	48			
		111+97	LT	659	74			
		102+03	LT	405	45			
REM3	APTAKISIC RD	102+20	LT	370	42			
		102+91	LT	1035	116			
		104+30	LT	588	66			
		107+64	LT	292	33			
		115+50	RT	1743	194			
		119+15	RT	267	30			
		119+55	RT	209	24.00			
TOTAL						1,721		

34		SCHEDULE OF COMBINED CURB AND GUTTER REMOVAL (44000500)					LENGTH
SHEET NO.	ROAD NAME	START STA.	END STA.	SIDE	FOOT		
REM1	WEILAND RD	76+45	80+34	RT	442		
REM1		76+45	80+35	LT	478		
REM1		83+62	83+87	LT	21		
REM1		90+72	93+90	RT	306		
REM2		99+12	102+11	RT	507		
REM2	100+88	104+53	LT	390			
REM2	109+82	112+05	RT	330			
REM2	110+56	111+98	LT	176			
REM2	108+00	110+40	RT	312			
REM2	108+00	112+50	LT	451			
REM2	110+74	112+50	RT	282			
REM3	APTAKISIC RD	100+93	108+00	RT	694		
REM3		100+93	108+00	LT	758		
REM3		112+50	113+24	LT	75		
REM3		112+50	113+56	RT	105		
REM3		113+80	117+77	LT	399		
REM3	114+02	125+90	RT	1,218			
PROJECT TOTAL						6,944	



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DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES		F.A.U. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
SHEET NO. 9 OF 24 SHEETS		2665	18-00158-13-WR	LAKE	623	33	
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61F25	



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

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

39		SCHEDULE OF PIPE GRATES			
SHEET NO.	START STA	END STA	(54247130) GRATING FOR CONCRETE FLARED AND SECTION 24"	(54247150) GRATING FOR CONCRETE FLARED AND SECTION 30"	(54247170) GRATING FOR CONCRETE FLARED AND SECTION 36"
DU2	80+50	85+00	2		
DU7	105+00	110+00		1	
DU12	113+00	117+00			1
PROJECT TOTAL			2	1	1

41		SCHEDULE OF END SECTIONS							
SHEET NO.	STATION	OFFSET	STRUCTURE #	(54213660) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	(54213663) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	(54213669) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	(54213675) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	(54213681) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	(60100060) CONCRETE HEADWALLS FOR PIPE DRAINS
DU2	80+55.3	60.8' LT	8	1					
DU2	80+85.7	64.4' LT	9	1					
DU2	81+74.2	60.6' LT	13			1			
DU2	81+71.2	67.5' RT	14			1			
DU7	107+97.0	64.6' RT	94				1		
DU8	113+10.6	79.3' RT	156					1	
DU8	113+43.0	73.0' RT	158		1				
DU8	114+17.6	67.2' RT	162						1
DU8	114+25.0	70.0' RT	163		1				
PROJECT TOTAL				2	2	2	1	1	1

40		SCHEDULE OF PIPE CULVERTS		
SHEET NO.	START STA	END STA	(5421C012) PIPE CULVERTS, CLASS C, TYPE 1 12" (TEMPORARY)	(5421C030) PIPE CULVERTS, CLASS C, TYPE 1 30" (TEMPORARY)
ECI	85+00	97+00	4	
ECII	97+00	109+00	25	
	109+00	115+00		48
PROJECT TOTAL			29	48

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FINAL SURVEY	
NOTE BOOK	
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PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

42		SCHEDULE OF STORM SEWER AND TRENCH BACKFILL																					
SHEET NO	START STA	END STA	PIPE #	542A0220	542A0229	550A0050	550A0090	550A0340	550A0360	550A0380	550A0410	550A0430	60100915	60108208	X1200046	Z0056608	Z0056610	Z0056612	Z0056616	Z0056620	Z0056622	Z0800150	
				P CUL, CL A, TY 1 15"	P CUL, CL A, TY 1 24"	SS, CL A, TY 1,12"	SS, CL A, TY 1,18"	SS, CL A, TY 2,12"	SS, CL A, TY 2,15"	SS, CL A, TY 2,18"	SS, CL A, TY 2,24"	SS, CL A, TY 2,30"	SS, CL A, TY 2,30"	SS, CL A, TY 2,30"	SS, CL A, TY 2,30"	PIPE DRAINS, 6"	PIPE UNDERDR, TY 2,8"	SS, CL B, TY B 2, 8"	SS WM REQ 12"	SS WM REQ 15"	SS WM REQ 18"	SS WM REQ 24"	SS WM REQ 30"
				(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(CU YD)
DU1	75+50	80+50	1					3															1
			2					13															2
			3					5															1
			4																				50
DU2	80+50	85+00	5	18												162							1
			6					68															18
			7					3															1
			8		124																		16
			9					77															10
			10					2															1
			11					98															12
			12					84															5
			13					3															1
DU3	85+00	90+00	14					242															0
			15					28															7
			16					6															1
			17					26															5
			18					3															1
			19						96														19
			20					32															8
			21					5															2
			22					7															1
			23														145						50
			24					26															8
			25					29															6
			26					4															2
			27						99														22
DU4	90+00	95+00	28					40															9
			29					1															1
			30							161													0
			31					26															5
			32					38															5
			33					2															1
			34																				0
			35					2															1
			36																		27		14
			37					5															1
			38					7															2
			39					7															2
			40					91															23
			41								36												31
			42									4											0
			43					4															1
			44									60											25
			45							69													72
			46							1													2
			47								23												0
			48					2															0





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PLOTTED	
TEMPLATE	
AREAS	
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NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

42		SCHEDULE OF STORM SEWER AND TRENCH BACKFILL (CONTINUED)																					
SHEET NO	START STA	END STA	PIPE #	542A0220	542A0229	550A0050	550A0090	550A0340	550A0360	550A0380	550A0410	550A0430	60100915	60108208	X1200046	Z0056608	Z0056610	Z0056612	Z0056616	Z0056620	Z0056622	20800150	
				P CUL, CL A, TY 1 15"	P CUL, CL A, TY 1 24"	SS, CL A, TY 1,12"	SS, CL A, TY 1,18"	SS, CL A, TY 2,12"	SS, CL A, TY 2,15"	SS, CL A, TY 2,18"	SS, CL A, TY 2,24"	SS, CL A, TY 2,30"	PIPE DRAINS, 6"	PIPE UNDERDR, TY 2,8"	SS, CL B, TY B 2, 8"	SS WM REQ 12"	SS WM REQ 15"	SS WM REQ 18"	SS WM REQ 24"	SS WM REQ 30"	SS WM REQ 36"	TRNCH BKFILL	
				(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(CU YD)
			99													65							2
			100					40															11
			101					57															22
			102					5															6
			103																				0
			104									95											68
			105					101															30
			106					5															6
			107																				0
DU9	100+93	104+00	108																				4
			109																				4
			110			12																	2
			111					4															1
			112			12																	1
			113			9																	1
			114					163															49
DU10	104+00	108+50	115					7															2
			116									45											34
			117				10																3
			118																		8		1
			119										3										1
			120									5											4
			121									20											12
			122									19											0
			123			3																	0
			124			3																	1
			125			34																	5
			126										167										155
			127																			165	111
			128					48															9
			129					2															1
			130					4															1
			131																				87
			132										221										312
DU11	108+50	113+00	133					65															14
			134										204										306
			135																				187
			136										42										56
			137					3															0
			138					47															14
			139					2															1
			140																				66
			141					50															18
			142					24															9
			143																				95
DU12	113+00	117+00	144										50										39
			145										39										39
			146																			58	85
																							26
																							10

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	

DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
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42				SCHEDULE OF STORM SEWER AND TRENCH BACKFILL (CONTINUED)																		
SHEET NO	START STA	END STA	PIPE #	542A0220	542A0229	550A0050	550A0090	550A0340	550A0360	550A0380	550A0410	550A0430	60100915	60108208	X1200046	Z0056608	Z0056610	Z0056612	Z0056616	Z0056620	Z0056622	20800150
				P CUL, CL A, TY 1 15"	P CUL, CL A, TY 1 24"	SS, CL A, TY 1,12"	SS, CL A, TY 1,18"	SS, CL A, TY 2,12"	SS, CL A, TY 2,15"	SS, CL A, TY 2,18"	SS, CL A, TY 2,24"	SS, CL A, TY 2,30"	PIPE DRAINS, 6"	PIPE UNDERDR, TY 2,8"	SS, CL B, TY B 2, 8"	SS WM REQ 12"	SS WM REQ 15"	SS WM REQ 18"	SS WM REQ 24"	SS WM REQ 30"	SS WM REQ 36"	TRNCH BKFILL
				(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(CU YD)
			147					45														43
			148							63												49
			149											8								0
			150														28					7
			151					71														64
			152					3														1
			153						5													6
			154					14														4
			155										10									1
			156			30																1
PROJECT TOTAL				18	124	121	10	2,435	200	294	1,601	516	13	8	204	340	145	62	1,323	454	58	4,244

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43		SCHEDULE OF DRAINAGE STRUCTURES																	
SHEET NO.	STRUCTURE	STATION	OFFSET	60200805	60201105	60201110	60201340	60206905	60207605	60207915	60208240	60218400	60221100	60223800	60236800	60236825	60237470	X6024240	
				CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TC	CB TC	CB TC	CB TC	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 6 DIA	INLETS TA	INLETS TA	INLETS TA	INLETS	
	#			T8G	T11F&G	T11VF&G	T24F&G	T1F OL	T8G	T11VF&G	T24F&G	T1F CL	T1F CL	T1F CL	T11F&G	T11VF&G	T24F&G	SPECIAL	
DU1	3	79+14.0	40.6' RT									1							
	4	79+19.0	33.8' PT			1													
	5	79+30.0	34.0' LT													1			
	6	79+45.6	34.0' LT			1													
DU2	10	80+92.0	34.0' LT													1			
	11	80+92.0	34.0' RT			1													
	12	80+85.0	36.8' RT									1							
	15	83+25.0	34.0' LT													1			
	16	83+40.0	42.0' RT			1													
	17	83+45.0	47.0' RT										1						
	18	83+98.3	34.0' LT														1		
	19	84+47.0	34.0' RT			1													
	20	84+47.0	43.0' RT										1						
	21	86+97.0	34.0' LT														1		
DU3	22	86+97.0	5.6' LT			1													
	23	86+97.0	8.0' RT			1													
	24	86+97.0	34.0' RT			1													
	25	86+97.0	43.1' RT									1							
	26	87+97.0	8.0' LT								1								
	27	87+97.0	27.5' RT									1							
	28	87+97.0	34' RT			1													
	29	87+97.0	45.6' RT						1										
	30	89+47.0	34.0' LT														1		
	31	89+47.0	8.0' LT			1													
	32	89+47.0	27.5' RT										1						
	33	89+47.0	34.0' RT								1								
DU4	34	90+50.0	8.0' LT													1			
	35	90+50.0	34.0' RT			1													
	36	90+50.0	41.5' RT										1						
	37	92+16.7	34.0' LT														1		
	38	92+16.7	8.0' RT			1													
	39	92+16.7	34.0' RT			1													
	40	92+16.7	42.3' RT										1						
	41	92+84.0	39.3' RT								1								
	42	92+80.0	45.8' RT										1						
	43	93+09.0	56.9' RT										1						
	44	93+05.0	63.7' RT								1								
	45	93+20.0	34.0' LT														1		
	46	93+30.0	34.0' LT			1													
	47	93+40.0	34.0' LT														1		
	48	93+47.4	72.2' RT											1					
	49	93+49.0	56.9' RT								1								
50	93+54.0	66.1' RT										1							
51	94+29.3	34.0' LT			1														
52	94+15.0	34.0' RT			1														
53	94+15.0	42.0' RT											1						
54	94+42.0	38.0' RT										1							
55	94+42.0	43.0' RT							1										
DU5	56	95+75.0	34.0' LT													1			
	57	95+75.0	34.0' RT			1													
	58	95+75.0	42.1' RT									1							
	59	96+43.0	8.0' RT								1								
	60	96+43.0	43.2' RT									1							
	61	97+50.0	34.0' LT													1			
	62	97+50.0	5.4' RT			1													
	63	97+50.0	43.6' RT									1							
	64	98+10.0	42.0' RT									1							
	65	98+10.0	48.0' RT							1									
	66	99+25.0	34.0' LT														1		
	67	99+25.0	3.0' LT			1													
	68	99+25.0	46.2' RT										1						

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43		SCHEDULE OF DRAINAGE STRUCTURES (CONTINUED)																	
SHEET NO.	STRUCTURE #	STATION	OFFSET	60200805	60201105	60201110	60201340	60206905	60207605	60207915	60208240	60218400	60221100	60223800	60236800	60236825	60237470	X6024240	
				CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TC	CB TC	CB TC	CB TC	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 6 DIA	INLETS TA	INLETS TA	INLETS TA	INLETS TA	INLETS
				T8G	T11F&G	T11VF&G	T24F&G	T1F OL	T8G	T11VF&G	T24F&G	T1F CL	T1F CL	T1F CL	T11F&G	T11VF&G	T24F&G	SPECIAL	
DU6	69	100+40.1	37.0' LT										1						
	70	100+40.1	39.4' RT										1						
	71	100+40.0	52' RT						1										
	72	100+90.0	42.6' LT						1										
	73	100+90.0	36.6' LT									1							
	74	102+25.0	36.6' LT									1							
	76	104+21.0	40' LT									1							
	77	104+26.0	34.0' LT			1													
	78	104+35.9	34.0' LT		1														
	79	104+46.0	34.0' LT														1		
	81	104+35.9	34.0' RT											1					
	82	104+50.0	43.5' RT									1							
	83	104+50.0	55.3' RT							1									
DU7	84	105+33.0	46.1' RT													1			
	85	105+74.0	46.6' RT			1													
	86	106+00.0	39.5' LT								1								
	87	106+07.0	34.0' LT			1													
	88	106+07.0	8.0' RT			1													
	89	105+93.5	34.0' RT			1													
	90	107+42.0	39.5' LT									1							
	91	107+47.0	34.0' LT			1													
	92	107+47.0	5.6' RT														1		
	93	107+97.0	39.0' LT										1						
	95	108+95.0	39.5' LT										1						
	96	109+00.0	34.0' LT			1													
	97	109+00.0	2.5' LT														1		
98	110+00.0	38.0' RT											1						
99	110+00.0	66.0' RT											1						
DU8	100	110+15.0	34.0' LT			1													
	101	110+15.0	3.0' LT														1		
	102	112+00.0	45.0' LT														1		
	103	112+00.0	6.9' RT			1													
	104	112+00.0	67.1' RT										1						
	105	112+75.0	45.0' LT														1		
	106	112+75.0	56.0' RT			1													
	107	112+70.0	67.1' RT										1						
	108	112+70.0	77.2' RT															1	
	109	113+50.0	45.0' LT														1		
	110	113+50.0	1.4' LT			1													
	111	113+50.0	56.0' RT			1													
	112	113+50.0	67.1' RT										1						
113	113+35.0	74.0' RT															1		
114	114+00.0	78.6' RT															1		
115	114+50.0	45.0' LT														1			
116	114+50.0	56.0' RT			1														
117	114+50.0	67.1' RT										1							
DU9	120	101+35.1	50.1' RT				1												
	121	101+81.1	49.8' RT								1								
	122	103+45.0	32.6' LT														1		
	123	103+59.8	32.9' LT				1												
	124	103+59.8	27.4' LT									1							
DU10	126	103+45.0	32.6' LT														1		
	127	103+59.8	32.9' RT				1												
	128	105+25.0	35.9' LT									1							
	129	105+28.0	27.0' LT										1						
	130	105+28.0	23.7' RT										1						
	131	105+28.0	37.1' RT				1												
	132	105+28.7	48.9' RT																
	133	105+37.0	32.5' LT									1							
	134	105+60.0	44.5' LT										1						
	135	105+37.0	32.5' LT							1									
	136	105+78.0	60.5' LT										1						
	137	105+81.8	53.2' LT				1												
	138	106+15.5	52.6' LT															1	



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43		SCHEDULE OF DRAINAGE STRUCTURES (CONTINUED)																	
SHEET NO.	STRUCTURE #	STATION	OFFSET	60200805	60201105	60201110	60201340	60206905	60207605	60207915	60208240	60218400	60221100	60223800	60236800	60236825	60237470	X6024240	
				CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TA 4 DIA	CB TC	CB TC	CB TC	CB TC	MAN TA 4 DIA	MAN TA 5 DIA	MAN TA 6 DIA	INLETS TA	INLETS TA	INLETS TA	INLETS	
				T8G	T11F&G	T11VF&G	T24F&G	T1F OL	T8G	T11VF&G	T24F&G	T1F CL	T1F CL	T1F CL	T11F&G	T11VF&G	T24F&G	SPECIAL	
DU10	139	107+00.0	39.0' LT															1	
	140	107+00.0	22.5' RT									1							
	141	107+00.0	6.6' LT							1									
	142	106+98.0	48.3' RT								1								
	143	106+98.0	56.6' RT									1							
DU11	144	109+69.5	39.0' LT								1								
	145	119+39.0	21.8' RT									1							
	146	109+63.2	63.3' RT									1							
	147	111+10.1	97.1' RT										1						
	148	111+24.5	113.9' RT	1															
	149	111+30.8	112.1' RT	1															
	150	111+50.0	39.0' LT					1											
	151	111+33.0	5' RT			1													
	152	111+33.0	21.9' RT									1							
	153	112+47.0	39.0' LT									1							
DU12	154	112+47.0	22.6' RT									1							
	155	112+47.0	39.0' RT					1											
	157	113+01.8	22.8' RT												1				
	162	114+30.0	33.0' LT									1							
	163	114+30.6	34.2' RT									1							
	166	115+05.0	37.2' LT								1								
	167	115+05.0	31.8' LT									1							
	170	115+00.0	37.2' RT								1								
171	115+35.5	69.9' RT			1														
172	115+63.7	60.9' RT			1														
PROJECT TOTAL				2	2	34	5	2	7	7	7	34	13	7	1	22	4	3	

44		SCHEDULE OF DRAINAGE STRUCTURES TO BE REMOVED				
SHEET NO.	ROAD NAME	STATION		60500040	60500050	60500060
		FROM	TO	MANHOLES	CATCH BASINS	INLETS
DU1	WEILAND RD	75+50	80+50	1	1	1
DU4		90+00	95+00	3		6
DU5		95+00	100+00	2		
DU6		100+00	105+00	4	1	5
DU7		105+00	110+00	3		
DU8		110+00	114+50	2		2
DU9	APTAKISIC RD	100+93	104+00			4
DU10		104+00	108+50	7		7
DU11		108+50	113+00	6		6
DU12		113+00	117+00	3		4
PROJECT TOTAL				31	2	35

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45		SCHEDULE OF STORM SEWER REMOVAL AND TRENCH BACKFILL														
SHEET NO.	ROAD NAME	START STA	END STA	55100100	55100200	55100300	55100400	55100500	55100700	55100900	55101200	55101400	55101600	55101900	55103030	20800150
				SS REM 4"	SS REM 6"	SS REM 8"	SS REM 10"	SS REM 12"	SS REM 15"	SS REM 18"	SS REM 24"	SS REM 30"	SS REM 36"	SS REM 48"	SS EQRS 30"	TRNCH
				(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(CU YD)
DU1	WEILAND RD	75+50	80+50					23								2
DU2		80+50	85+00					44			98					2
DU3		85+00	90+00			48				102						4
DU4		90+00	95+00			36			116	302					136	357
DU5		95+00	100+00							659			704			1,831
DU6		100+00	105+00				278	28	16	147			356			656
DU7		105+00	110+00								185		696			1,396
DU8		110+00	114+50			44			64		273		344			1,007
DU9	APTAKISIC RD	100+93	104+00					97								22
DU10		104+00	108+50	13	68			151	470		106	465	402		6	1,407
DU11		108+50	113+00					355	43				352			390
DU12		113+00	117+00			10	20		81		153	53	202			94
PROJECT TOTAL				13	163	68	278	959	1,592	758	257	2,565	956	136	6	7,168

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46		SCHEDULE OF STRUCTURES TO BE ADJUSTED				
				60250200	60255500	60260100
SHEET NO.	ROAD NAME	START STA	END STA	CATCH BASINS	MANHOLES	INLETS
DU1	WEILAND RD	75+50	80+50	1		2
DU6		100+00	105+00		1	
DU7		105+00	110+00			
DU9	APTAKISIC RD	100+93	104+00		2	1
DU12		113+00	117+00		5	
DU13		117+00	122+00		2	2
PROJECT TOTAL				1	10	5

48		CONCRETE CURB, TYPE B (60600605)			
					LENGTH
SHEET NO.	ROAD NAME	START STA.	END STA.	SIDE	FOOT
PP2	WEILAND RD	83+62	83+88	LT	22
PP11	APTAKISIC RD	112+35	113+05	RT	215
PROJECT TOTAL					237

49		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)					
					COUNTY	VILLAGE	
SHEET NO.	ROAD NAME	START STA.	END STA.	SIDE	FOOT	FOOT	
PP1	WEILAND RD	76+50	80+50	RT	162		
		76+50	80+50	LT	188		
PP2		80+50	85+00	RT	408		
		80+50	85+00	LT	450		
PP3		85+00	90+00	RT	494		
		85+00	90+00	LT	507		
PP4		85+00	90+00	MEDIAN		842	
		90+00	95+00	RT	512		
		90+00	95+00	LT	502		
PP5		90+00	95+00	MEDIAN		543	
		95+00	100+00	RT	504		
		95+00	100+00	LT	497		
PP6		95+00	100+00	MEDIAN		550	
		100+00	105+00	RT	686		
	100+00	105+00	LT	525			
PP7	105+00	110+00	RT	606			
	105+00	110+00	LT	494			
PP8	110+00	114+50	RT	521			
	110+00	114+50	LT	478			
PP9	110+00	114+50	MEDIAN		290		
	102+69	103+03	LT	34			
PP10	104+16	104+38	LT	17			
	106+00	108+50	MEDIAN		427		
	109+99	111+18	RT	109			
PP11	APTAKISIC RD	108+50	109+08	MEDIAN		117	
		111+28	113+00	MEDIAN		301	
PP12		115+17	115+80	RT	93		
		113+00	114+75	MEDIAN		123	
PP14		125+86	125+90	RT	18		
PROJECT TOTAL					7,805	3,193	

47		SCHEDULE OF FRAMES AND GRATES					
				60402210	60404805	60404950	60406100
SHEET NO.	ROAD NAME	START STA	END STA	GRATES T8	FR & GRATES T11V	FR & GRATES T24	FR & LIDS T1 CL
DU1	WEILAND RD	75+50	80+50		1	2	
DU6		100+00	105+00	1			1
DU7		105+00	110+00				
DU9	APTAKISIC RD	100+93	104+00			1	2
DU12		113+00	117+00				5
DU13		117+00	122+00			2	2
PROJECT TOTAL				1	1	5	10

50		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)			
					COUNTY
SHEET NO.	ROAD NAME	START STA.	END STA.	SIDE	FOOT
PP1	WEILAND RD	76+50	79+22	RT	276
		76+50	79+18	LT	271
PP9		100+93	104+00	RT	293
		100+93	104+00	LT	308
PP10		104+00	108+50	RT	451
		104+00	108+50	LT	466
PP11		108+50	113+00	RT	400
		108+50	113+00	LT	407
PP12		113+00	117+00	RT	285
		113+00	117+00	LT	332
PP13		117+00	120+02	RT	191
		117+00	117+77	LT	78
PP14		125+20	125+37	RT	31
PROJECT TOTAL					3,789

51		COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24 (60608582)			
					COUNTY
SHEET NO.	ROAD NAME	START STA.	END STA.	SIDE	FOOT
PP11	APTAKISIC RD	108+50	113+00	RT	44
PP12		113+00	117+00	RT	81
PP12		113+00	117+00	LT	37
PROJECT TOTAL					162

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52	CONCRETE MEDIAN, TYPE SB-6.12 (60619600)			
				VILLAGE
SHEET NO.	ROAD NAME	START STA.	END STA.	SQ FT
PP1	WEILAND RD	76+50	78+37	767
		79+33	80+50	586
PP2		80+50	83+48	1,485
		84+23	85+00	385
PP3		85+00	85+79	439
		92+71	92+92	258
PP4		93+63	95+00	685
		95+00	95+89	490
PP5		98+64	100+00	723
		100+00	101+03	509
PP6	105+88	110+00	2,061	
	110+00	111+08	534	
PP7	111+24	111+42	254	
	111+72	111+96	350	
PP8	113+41	114+50	590	
	114+50	115+20	307	
PP10	APTAKISIC RD	106+13	106+37	506
PP11		109+08	109+56	683
PP11		111+08	111+28	196
PP12		113+44	113+50	57
PP12		113+90	113+96	57
PROJECT TOTAL				11,922

53	CONCRETE MEDIAN, TYPE SM-4.12 (60622305)			
				COUNTY
SHEET NO.	ROAD NAME	START STA.	END STA.	SQ FT
PP11	APTAKISIC RD	112+56	113+00	455
PP12		113+00	113+44	459
PP12		113+96	114+75	801
PROJECT TOTAL				1,715

54	CORRUGATED MEDIAN (60624600)			
				VILLAGE
SHEET NO.	ROAD NAME	START STA.	END STA.	SQ FT
PP12	APTAKISIC RD	114+75	115+38	431
PROJECT TOTAL				431

55	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LETTERS AND SYMBOLS			
				78000100
				AREA
SHEET NO.	ROAD NAME	START STA	END STA	(SQ FT)
PMM1	WEILAND RD	76+45	85+00	146
		85+00	97+00	73
		97+00	109+00	110
PMM2		109+00	115+00	427
		108+00	112+50	110
PMM3	APTAKISIC RD	101+93	108+00	73
		112+50	117+76	182
PROJECT TOTAL				1,121

56	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 4"			
				78000200
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
PM1	WEILAND RD	76+45	85+00	1,674
		85+00	97+00	3,873
		97+00	109+00	2,546
PM2		109+00	115+00	1,305
		108+00	112+50	764
PM3	APTAKISIC RD	100+00	108+00	2,860
		112+50	117+76	2,096
PROJECT TOTAL				15,118

57	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 5"			
				78000300
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
PM1	WEILAND RD	76+45	85+00	892
		85+00	97+00	1,207
		97+00	109+00	1,054
PM2		109+00	115+00	545
		108+00	112+50	450
PM3	APTAKISIC RD	100+00	108+00	460
		112+50	117+76	530
PROJECT TOTAL				5,138

58	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 6"			
				78000400
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
PMK1	WEILAND RD	76+45	85+00	598
		85+00	97+00	313
PMK2		97+00	109+00	668
		109+00	115+00	674
PMK3	APTAKISIC RD	108+00	112+50	437
		100+00	108+00	267
		112+50	117+76	978
PROJECT TOTAL				3,935

59	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 8"			
				78000500
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
PM2	WEILAND RD	109+00	115+00	657
		APTAKISIC RD	108+00	112+50
PM3	APTAKISIC RD	100+00	108+00	314
PROJECT TOTAL				971

60	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 12"			
				78000600
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
PM1	WEILAND RD	76+45	85+00	389
		85+00	97+00	114
PM2		97+00	109+00	1,295
		109+00	115+00	348
		108+00	112+50	337
PM3	APTAKISIC RD	100+00	108+00	372
		118+00	126+00	191
PROJECT TOTAL				3,046

61	SCHEDULE OF PERMANENT PAVEMENT MARKINGS - LINE 24"			
				78000650
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
PM1	WEILAND RD	76+45	85+00	96
		85+00	97+00	48
PM2		97+00	109+00	132
		109+00	115+00	83
		108+00	112+50	81
PM3	APTAKISIC RD	100+00	108+00	18
		112+50	117+76	144
PROJECT TOTAL				602

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

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

62	SCHEDULE OF PAINT PAVEMENT MARKINGS - RAISED MEDIAN			
X7800100				
				AREA
SHEET NO.	ROAD NAME	START STA	END STA	(SQ FT)
PM1	WEILAND RD	70+45	85+00	459
		85+00	97+00	395
PM2	WEILAND RD	97+00	109+00	246
		109+00	115+00	457
PM3	APTAKISIC RD	108+00	112+50	219
		100+93	108+00	474
		112+50	117+76	341
PROJECT TOTAL				2,592

65	SCHEDULE OF RECESSED REFLECTIVE PAVEMENT MARKERS (X7810300)			
				TOTAL
SHEET NO.	ROAD NAME	START STA	END STA	(EACH)
PMK1	WEILAND RD	75+00	85+00	34
		85+00	97+00	54
PMK2	WEILAND RD	97+00	109+00	50
		109+00	115+00	65
PMK3	APTAKISIC RD	108+00	112+50	28
		100+00	108+00	18
		112+50	120+00	17
PROJECT TOTAL				266

67	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 6" (70300240)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
PRE-SOC	WEILAND RD	75+00	85+00	210
SOCI-1	WEILAND RD	79+33	85+00	123
		85+00	97+00	313
SOCI-2	WEILAND RD	97+00	109+00	415
		109+00	115+56	410
SOCI-3	APTAKISIC RD	112+50	117+78	173
SOCIA-1		108+00	112+50	221
SOCIB-2	APTAKISIC RD	112+50	117+78	39
		112+50	117+78	173
SOCII-1	WEILAND RD	79+33	85+00	74
		85+00	97+00	313
SOCII-2	WEILAND RD	97+00	109+00	608
		109+00	115+56	452
SOCIIA-1	WEILAND RD	79+33	85+00	75
		85+00	97+00	96
SOCIII-1	WEILAND RD	79+33	85+00	75
		85+00	97+00	313
SOCIII-2	WEILAND RD	97+00	109+00	422
		109+00	115+56	664
SOCIII-2	APTAKISIC RD	108+00	112+50	473
		100+93	108+00	111
SOCIII-3	APTAKISIC RD	112+50	117+78	553
		PROJECT TOTAL		

63	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.	ROAD NAME	START STA	END STA	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	
PM1	WEILAND RD	76+45	85+00	146	1,674	892	598		389	96	
		85+00	97+00	73	3,873	1,207	313		114	48	
PM2	WEILAND RD	97+00	109+00	110	2,546	1,054	668		1,295	132	
		109+00	115+00	427	1,305	545	674	657	348	83	
PM3	APTAKISIC RD	108+00	112+50	110	764	450	437		337	81	
		101+93	108+00	73	2,860	460	267	314	372	18	
		112+50	117+76	182	2,096	530	978		191	144	
PROJECT TOTAL				1,121	15,118	5,138	3,935	971	3,046	602	

66	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 4" (70300220)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
SOCI-1	WEILAND RD	79+33	85+00	2,052
		85+00	97+00	6,065
SOCI-2	WEILAND RD	97+00	109+00	4,918
		109+00	115+56	2,707
SOCI-2	APTAKISIC RD	108+00	112+50	1,783
		100+93	108+00	4,186
SOCI-3	APTAKISIC RD	112+50	117+78	1,363
		108+00	112+50	1,177
SOCIA-1	APTAKISIC RD	100+93	108+00	2,065
SOCIA-2		112+50	117+78	1,500
SOCIB-1	APTAKISIC RD	108+00	112+50	1,125
SOCIB-2		100+93	108+00	1,003
SOCI-2	WEILAND RD	112+50	117+78	629
		79+33	85+00	2,110
SOCII-1	WEILAND RD	85+00	97+00	5,160
		97+00	109+00	4,373
SOCII-2	WEILAND RD	109+00	115+56	2,723
		108+00	112+50	1,076
SOCII-2	APTAKISIC RD	100+93	108+00	1,414
		112+50	117+78	292
SOCII-3	APTAKISIC RD	79+33	85+00	1,173
		85+00	97+00	794
SOCIIA-1	WEILAND RD	97+00	109+00	499
SOCIIA-2		APTAKISIC RD	108+00	112+50
SOCIIA-2	APTAKISIC RD		100+93	108+00
		112+50	117+78	146
SOCIIA-3	WEILAND RD	79+33	85+00	203
		85+00	97+00	2,367
SOCIII-1	WEILAND RD	97+00	109+00	2,246
		109+00	115+56	797
SOCIII-2	APTAKISIC RD	108+00	112+50	1,476
		100+93	108+00	468
SOCIII-3	APTAKISIC RD	112+50	117+78	805
		PROJECT TOTAL		

64	SCHEDULE OF PAVEMENT MARKING REMOVAL - WATER BLASTING (X0327980)			
				AREA
SHEET NO.	STREET NAME	START STA	END STA	(SQ FT)
PRE-SOC	WEILAND RD	75+00	115+56	101
SOCI	WEILAND RD	75+00	115+56	6,113
	APTAKISIC RD	100+93	117+78	3,075
SOCIA	APTAKISIC RD	112+50	117+78	2,392
SOCIB	APTAKISIC RD	100+93	117+78	911
SOCII	WEILAND RD	75+00	115+56	5,166
	APTAKISIC RD	100+93	117+78	956
SOCIIA	WEILAND RD	75+00	115+56	928
	APTAKISIC RD	100+93	117+78	704
SOCIII	WEILAND RD	75+00	115+56	2,504
	APTAKISIC RD	100+93	117+78	1,286
PROJECT TOTAL				24,136

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

68	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 8" (70300250)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
SOCIII-1	WEILAND RD	109+00	115+00	656
SOCIII-2	APTAKISIC RD	100+93	108+00	337
PROJECT TOTAL				994

69	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 12" (70300260)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
SOCII-1	WEILAND RD	79+33	85+00	49
		85+00	97+00	164
SOCII-2	WEILAND RD	97+00	109+00	75
		109+00	115+56	51
SOCII-2	APTAKISIC RD	108+00	112+50	31
SOCII-3	APTAKISIC RD	100+93	108+00	71
		112+50	117+78	113
SOCII-1	WEILAND RD	85+00	97+00	162
SOCII-2	WEILAND RD	97+00	109+00	103
		109+00	115+56	107
SOCIIA-1	WEILAND RD	79+33	85+00	22
		85+00	97+00	76
SOCIII-1	WEILAND RD	109+00	115+56	137
SOCIII-2	APTAKISIC RD	108+00	112+50	73
SOCIII-3	APTAKISIC RD	100+93	108+00	212
PROJECT TOTAL				1,446

70	SCHEDULE OF TEMPORARY PAVEMENT MARKING - LINE 24" (70300280)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
PRE-SOC	WEILAND RD	75+00	85+00	60
SOCI-1	WEILAND RD	85+00	97+00	22
SOCI-2		109+00	115+00	22
SOCI-2	APTAKISIC RD	108+00	112+50	33
SOCI-3		112+50	119+00	45
SOCIA-1	APTAKISIC RD	108+00	112+50	33
SOCIA-2		112+50	125+00	22
SOCIB-2	APTAKISIC RD	112+50	125+00	22
SOCII-1	WEILAND RD	109+00	114+50	23
SOCII-2	APTAKISIC RD	108+00	112+50	22
SOCIII-1	WEILAND RD	85+00	97+00	20
SOCIII-2		97+00	109+00	20
SOCIII-2	APTAKISIC RD	109+00	115+00	64
SOCIII-2		108+00	112+50	82
SOCIII-3	APTAKISIC RD	112+50	125+00	100
PROJECT TOTAL				591

71	SCHEDULE OF PAVEMENT MARKING BLACKOUT TAPE, 5" (70107005)			
				LENGTH
SHEET NO.	STREET NAME	START STA	END STA	(FOOT)
SOCI-1	APTAKISIC RD	93+63	108+00	100
SOCII-1	WEILAND RD	75+00	85+00	634
PROJECT TOTAL				734

72	SCHEDULE OF PAVEMENT MARKING BLACKOUT TAPE, 7" (70107007)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
SOC IIA	Weiland Road	75+00	85+00	111
SOC I	Aptakisic	117+00	127+35	100
PROJECT TOTAL				211

73	SCHEDULE OF PAVEMENT MARKING BLACKOUT TAPE, 16" (70107016)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
SOCI-1	APTAKISIC RD	112+50	127+00	1,288
SOCII-1	APTAKISIC RD	112+50	127+00	109
PROJECT TOTAL				1,397

74	SCHEDULE OF PAVEMENT MARKING TAPE 24" (70107024)			
				LENGTH
SHEET NO.	STREET NAME	START STA	END STA	(FOOT)
SOCIA-1	APTAKISIC RD	112+50	127+00	22
PROJECT TOTAL				22

75	SCHEDULE OF PAVEMENT MARKING TAPE TYPE IV 4" (70300904)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
SOCI-1	WEILAND RD	75+00	85+00	122
SOCI-3	APTAKISIC RD	100+93	108+00	1,079
		112+50	127+50	1,164
SOCIA-3	APTAKISIC RD	100+93	108+00	113
		112+50	127+50	1,117
SOCIB-2	APTAKISIC RD	100+93	108+00	495
		112+50	127+50	54
SOCII-1	WEILAND RD	75+00	85+00	1,290
SOCII-3	APTAKISIC RD	100+93	108+00	865
SOCIIA-1	WEILAND RD	75+00	85+00	290
SOCIIA-3	APTAKISIC RD	100+93	108+00	495
PROJECT TOTAL				7,085

76	SCHEDULE OF TEMPORARY CONCRETE BARRIER (70400100)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
SOCI-1	WEILAND RD	76+45	85+00	374
		85+00	97+00	789
SOCI-2	WEILAND RD	97+00	109+00	726
		109+00	115+56	100
SOCI-2	APTAKISIC RD	108+00	112+50	805
SOCII-3	APTAKISIC RD	100+93	108+00	1,232
		112+50	117+78	998
PROJECT TOTAL				5,025

77	SCHEDULE OF RELOCATE TEMPORARY CONCRETE BARRIER (70400200)			
				LENGTH
SHEET NO.	ROAD NAME	START STA	END STA	(FOOT)
SOCIA-1	APTAKISIC RD	108+00	112+50	216
SOCIA-2		100+93	108+00	342
SOCIIA-2	APTAKISIC RD	112+50	117+78	818
		108+00	112+50	403
SOCIIA-3	APTAKISIC RD	100+93	108+00	708
		112+50	117+78	500
PROJECT TOTAL				2,987

78	SCHEDULE OF IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2			
				70600241
SHEET NO.	ROAD NAME	START STA	END STA	EACH
SOCI	WEILAND RD	75+00	85+00	3
SOCI		85+00	97+00	3
SOCI	APTAKISIC RD	97+00	109+00	3
SOCI		108+00	112+50	2
SOCI	APTAKISIC RD	101+93	108+00	4
SOCI		112+50	125+00	3
PROJECT TOTAL				18

79	SCHEDULE OF IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW), TEST LEVEL 2			
				70600341
SHEET NO.	ROAD NAME	START STA	END STA	EACH
SOCIA	APTAKISIC RD	108+00	112+50	1
SOCIA		100+93	108+00	2
SOCIA	APTAKISIC RD	112+50	125+00	3
SOCIIA		108+00	112+50	1
SOCIIA	APTAKISIC RD	100+93	108+00	2
SOCIIA		112+50	125+00	1
PROJECT TOTAL				10

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

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

80	SCHEDULE OF BARRIER WALL REFLECTORS, TYPE C (78200011)			
				UNIT
SHEET NO.	ROAD NAME	START STA	END STA	EACH
SO CI-1	WEILAND RD	76+45	85+00	8
		85+00	97+00	66
		97+00	109+00	61
SO CI-2		109+00	115+56	11
SO CI-2	APTAKISIC RD	108+00	112+50	67
SO CI-3		100+93	108+00	101
		112+50	117+78	82
PROJECT TOTAL				396

81	SCHEDULE OF PINNING TEMPORARY CONCRETE BARRIER (X7040125)			
				# PINS
SHEET NO.	ROAD NAME	START STA	END STA	EACH
SO CI-1	WEILAND RD	76+45	85+00	90
		85+00	97+00	190
		97+00	109+00	175
SO CI-2		109+00	115+56	24
SO CI-2	APTAKISIC RD	108+00	112+50	194
SO CI-3		100+93	108+00	296
		112+50	117+78	240
PROJECT TOTAL				1,209

82	SCHEDULE OF BASE FOR TELESCOPING SIGN SUPPORT, SPECIAL (X7310110)			
				TOTAL
SHEET NO.	ROAD NAME	START STA	END STA	(EACH)
PM1	WEILAND RD	75+00	85+00	4
		85+00	97+00	3
PM2		97+00	109+00	2
		109+00	115+00	4
PM3	APTAKISIC RD	108+00	112+50	3
		112+50	117+78	2
PROJECT TOTAL				18

83	SCHEDULE OF SIGNS											
				(72000100) SIGN PANEL - TYPE 1	(72000200) SIGN PANEL - TYPE 2	(72400100) REMOVE SIGN PANEL ASSEMBLY - TYPE A	(72400200) REMOVE SIGN PANEL ASSEMBLY - TYPE B	(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.	ROAD NAME	START STA	END STA	(SQ FT)	(SQ FT)	(EACH)	(EACH)	(SQ FT)	(EACH)	(EACH)	(SQ FT)	(FOOT)
PM1	WEILAND RD	75+00	85+00	34.3		2	1	23.0	4	3	12.5	174
		85+00	97+00	32.0		1	1	89.3	1		36.0	190
		97+00	109+00	31.0	12.5	7		39.5	1		9.0	94
PM2		109+00	115+00	75.9	12.5		1	33.0	2		24.0	200
		108+00	112+50	19.3				10.0	3	3	8.0	96
PM3	APTAKISIC RD	100+00	108+00	5.0					4		9.0	122
		112+50	117+78	15.0		2		5.0	10	3		206
TS 23A		109+00	110+00	7.5								
TS 24A		109+00	110+00	7.5								
PROJECT TOTAL				227	25	12	3	200	25	9	99	1,082

84	SCHEDULE OF TEMPORARY ACCESS						
				(X4021000) (PRIVATE ENTRANCE)	(X4022000) (COMMERCIAL ENTRANCE)	(X4023000) (ROAD)	(X4024100) (WINTERIZE)
SHEET NO.	ROAD NAME	START STA	END STA	(EACH)	(EACH)	(EACH)	(SQ YD)
PP1	WEILAND RD	75+00	80+50		1		78
PP2		80+50	85+00		2		252
PP3		85+00	90+00		1		149
PP4		90+00	95+00			1	
PP5		95+00	100+00				
PP6		100+00	105+00		3	2	395
PP7		105+00	110+00			1	
PP8		110+00	114+50		1	1	128
PP9	APTAKISIC RD	100+93	104+00	2	1	1	201
PP10		104+00	108+50		2	1	98
PP11		108+50	113+00	2	2		164
PP12		113+00	117+00		1		247
PP13		117+00	120+00	2		1	
PROJECT TOTAL				6	14	8	1,712

85	SCHEDULE OF FENCE ITEMS					
				(X6640308) CHAIN LINK GATES (SPECIAL)	(X6640550) CHAIN LINK FENCE, 4' (SPECIAL)	
SHEET NO.	ROAD NAME	START STA	END STA	(EACH)	(FOOT)	
PP1	WEILAND RD	76+45	80+50		89	
PP2		80+50	85+00	2	301	
PP3		85+00	90+00		15	
PP7		105+00	110+00		76	
PP8		110+00	114+50		102	
PROJECT TOTAL				2	583	



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

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

86 SCHEDULE OF AGGREGATE SHOULDERS, TYPE B (48101200)							
SHEET NO.	ROAD NAME	START STA	END STA	AREA (SQ FT)	AREA (SQ YD)	DEPTH (IN)	WEIGHT (TON)
SOCI-1	WEILAND RD	82+19	85+00	494	55	6	19
		85+00	97+00	2,414	269	6	90
SOCI-2		97+00	109+00	1,586	177	6	59
		109+00	115+00	1,161	129	6	43
SOCII-1		81+00	85+00	591	66	6	22
		85+00	97+00	2,400	267	6	89
SOCII-2		97+00	109+00	2,156	240	6	80
		109+00	110+00	6	1	6	1
SOCIIA-1		85+00	97+00	211	24	6	8
PROJECT TOTAL							411

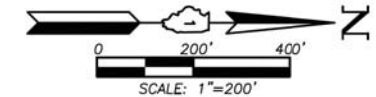
87 SCHEDULE OF TEMPORARY PAVEMENT (Z0062456)							
SHEET NO.	ROAD NAME	START STA	END STA	NOTE	AREA (SQ FT)	AREA (SQ YD)	
SOCI-1	WEILAND RD	76+45	78+34	TEMP PVMT SOCI	747	84	
		82+19	85+00	TEMP PVMT SOCI	1,276	142	
		85+00	97+00	TEMP PVMT SOCI	12,467	1,386	
SOCI-2		97+00	100+68	TEMP PVMT SOCI	1,526	170	
		104+66	109+00	TEMP PVMT SOCI	3,308	368	
		109+00	115+59	TEMP PVMT SOCI	8,335	927	
SOCI-3		APTAKISIC RD	113+12	113+39	TEMP PVMT SOCI	235	27
			113+82	114+60	TEMP PVMT SOCI	777	87
SOCIB-1			109+81	110+01	TEMP PVMT SOCIB	397	45
			110+28	110+43	TEMP PVMT SOCIB	396	45
SOCII-1	WEILAND RD		81+45	85+00	TEMP PVMT SOCII	4,300	478
			85+00	97+00	TEMP PVMT SOCII	9,593	1,066
SOCII-2			97+00	109+00	TEMP PVMT SOCII	9,750	1,084
			109+00	109+03	TEMP PVMT SOCII	3	1
SOCII-2	APTAKISIC RD		110+30	110+32	TEMP PVMT SOCII	30	4
SOCII-3			110+81	112+50	TEMP PVMT SOCII	2,298	256
SOCII-3	WEILAND RD	112+50	113+62	TEMP PVMT SOCII	741	83	
		84+25	85+00	TEMP PVMT SOCIIA	600	67	
SOCIIA-1		85+00	87+65	TEMP PVMT SOCIIA	1,492	166	
		PROJECT TOTAL					6,486

88 SCHEDULE OF SURVEY MONUMENTS (Z0070200)				
SHEET NO.	ROAD NAME	STATION	SIDE	TOTAL (EACH)
AT1	WEILAND RD	76+88	PC	1
		82+75	PT	1
		84+65	PC	1
		91+50	PT	1
		97+14	PC	1
		112+09	PT	1
	APTAKISIC RD	111+91	PC	1
		114+53	PT	1
PROJECT TOTAL				8

89 SCHEDULE OF FIRE HYDRANT								
SHEET NO.	ROAD NAME	START STA	END STA	(56400200) FIRE HYDNPTS TO BE MVD (SPECIAL) (EACH)	(56400300) FIRE HYDNPTS TO BE ADJ (EACH)	(56400400) FIRE HYDNPTS RELOCATED (EACH)	(56400820) FIRE HYD W/AUX V & VB (EACH)	
DU1	WEILAND RD	75+00	80+50					
DU2		80+50	85+00	1			1	
DU3		85+00	90+00			1	1	
DU4		90+00	95+00			1	1	
DU5		95+00	100+00			1	1	
DU7		105+00	110+00	1		1	2	
DU8		110+00	114+50			1	1	
DU11		108+50	113+00			1	1	
DU12		113+00	117+00	1	1		2	
		PROJECT TOTAL				3	1	6

90 SCHEDULE OF REMOVING EXISTING SEPTIC TANK (X0488100)				
SHEET NO.	ROAD NAME	START STA	END STA	EACH
REM2	APTAKISIC RD	108+00	112+50	1
PROJECT TOTAL				1

**LEGEND**



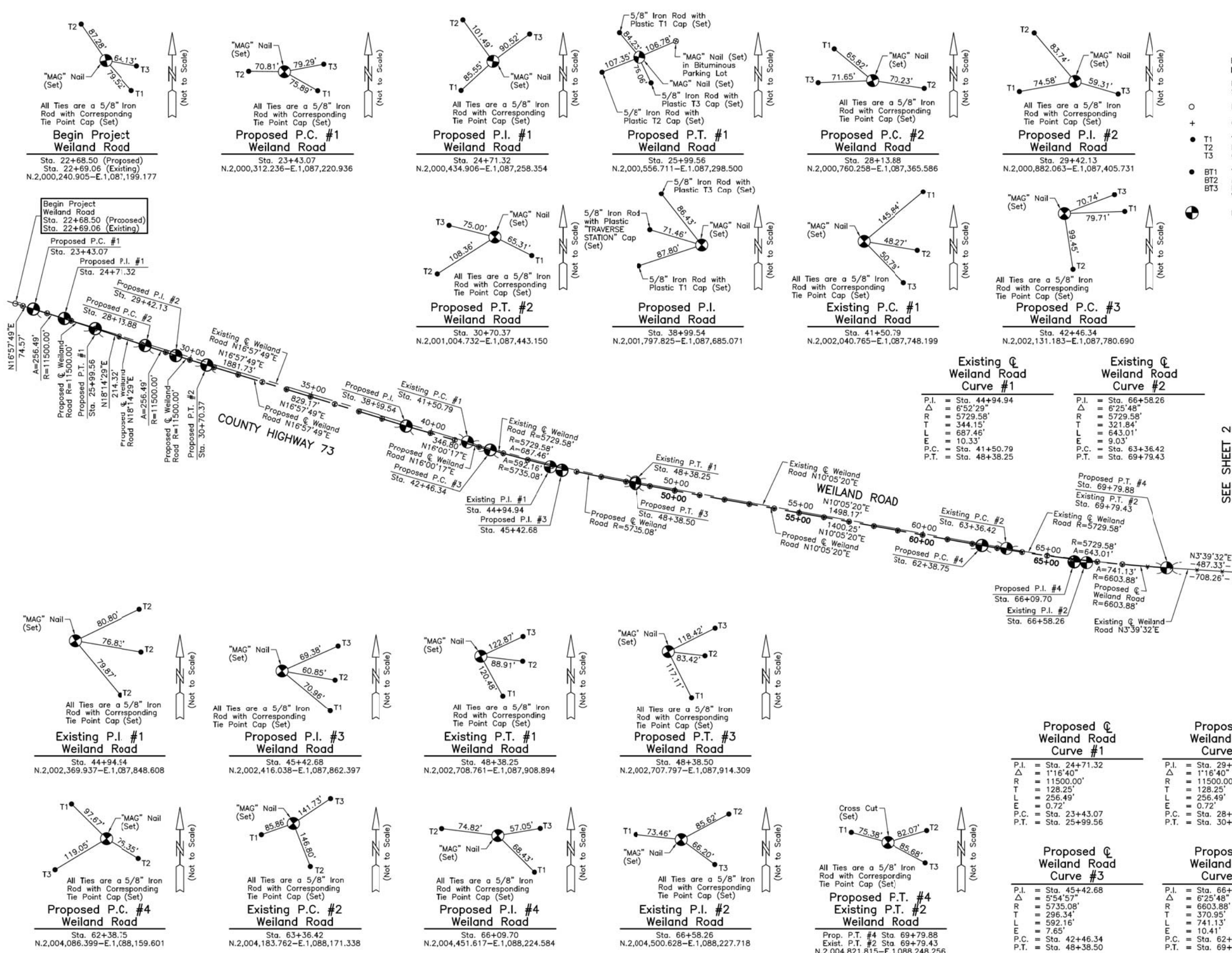
Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2007) East Zone.  
 Note: Surface Coordinates are Shown, Project Average Combined Scale Factor of 0.9999597077 at N.2,006,541.014-E.1,088,305.208

- 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	

ORIGINAL SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	



SEE SHEET 2

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 Itasca, Illinois 60143  
 Tel: 630.773.3900 Fax: 630.773.3975  
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DATE - 6/10/2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SECTION	18-00158-13-WR
COUNTY	LAKE
TOTAL SHEETS	623
SHEET NO.	49

**ALIGNMENT AND TIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	49
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





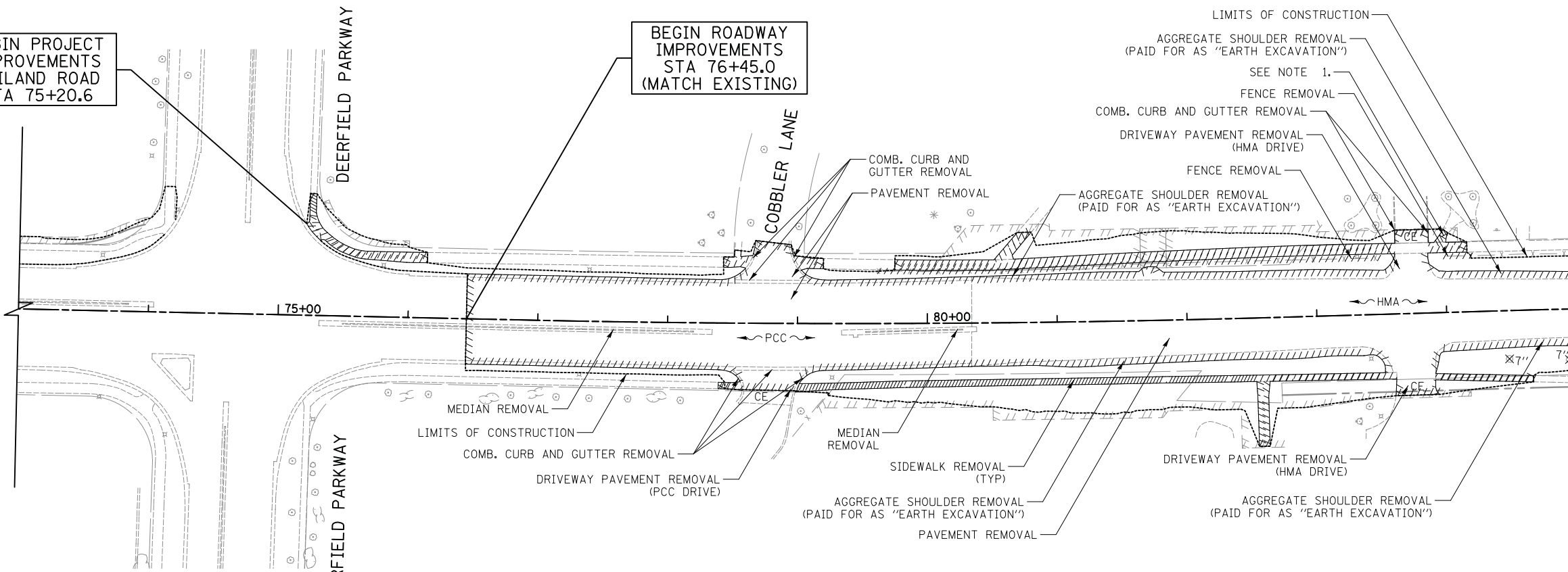


DATE	
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PLOTTED	
TEMPLATE	
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DATE	
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PLOTTED	
TEMPLATE	
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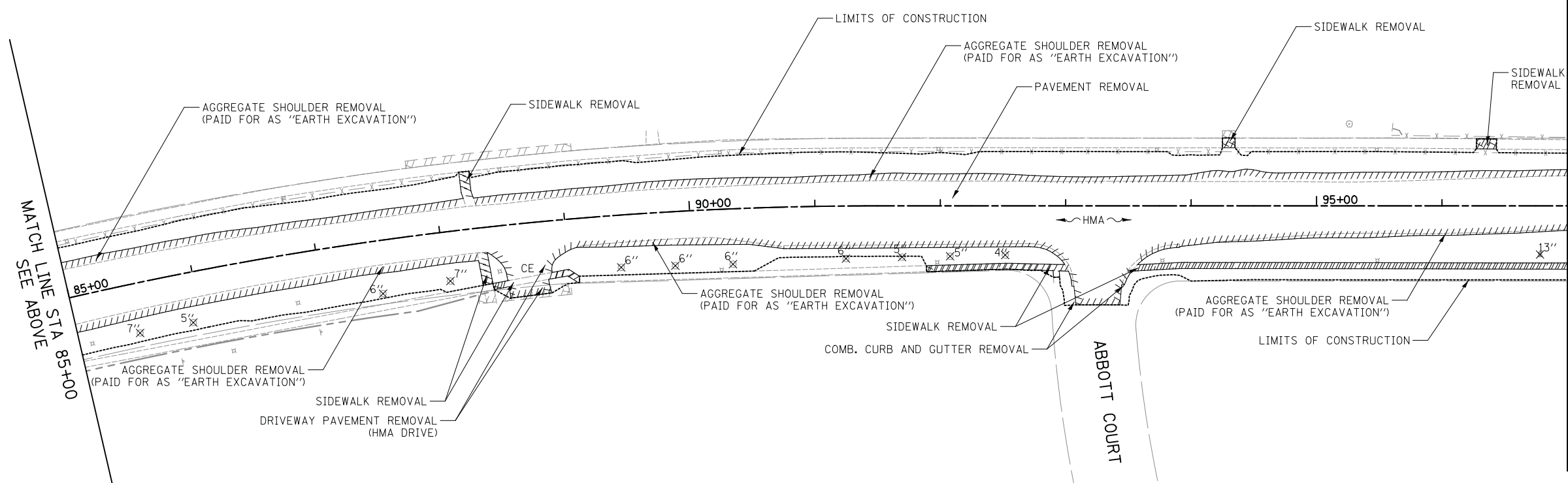
BEGIN PROJECT IMPROVEMENTS WEILAND ROAD STA 75+20.6

BEGIN ROADWAY IMPROVEMENTS STA 76+45.0 (MATCH EXISTING)



- LEGEND**
- ⊗ XX" TREE REMOVAL & SIZE
  - ⊗ SHRUB REMOVAL (CLEARING PER ARTICLE 201.01(A))

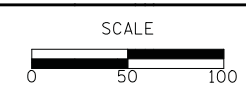
- NOTE:**
1. CONTRACTOR SHALL SALVAGE THE STONES AND USE THEM TO REESTABLISH THE WALK. THIS WORK SHALL BE PAID FOR AS "SIDEWALK REMOVAL" AND "PAVING BRICK SIDEWALK".



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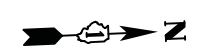
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



**REMOVAL PLANS**

SHEET NO. 1 OF 3 SHEETS STA. 75+20.6 TO STA. 97+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	51
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



MATCH LINE STA 85+00  
SEE BELOW

MATCH LINE STA 97+00  
SEE SHEET NO 52

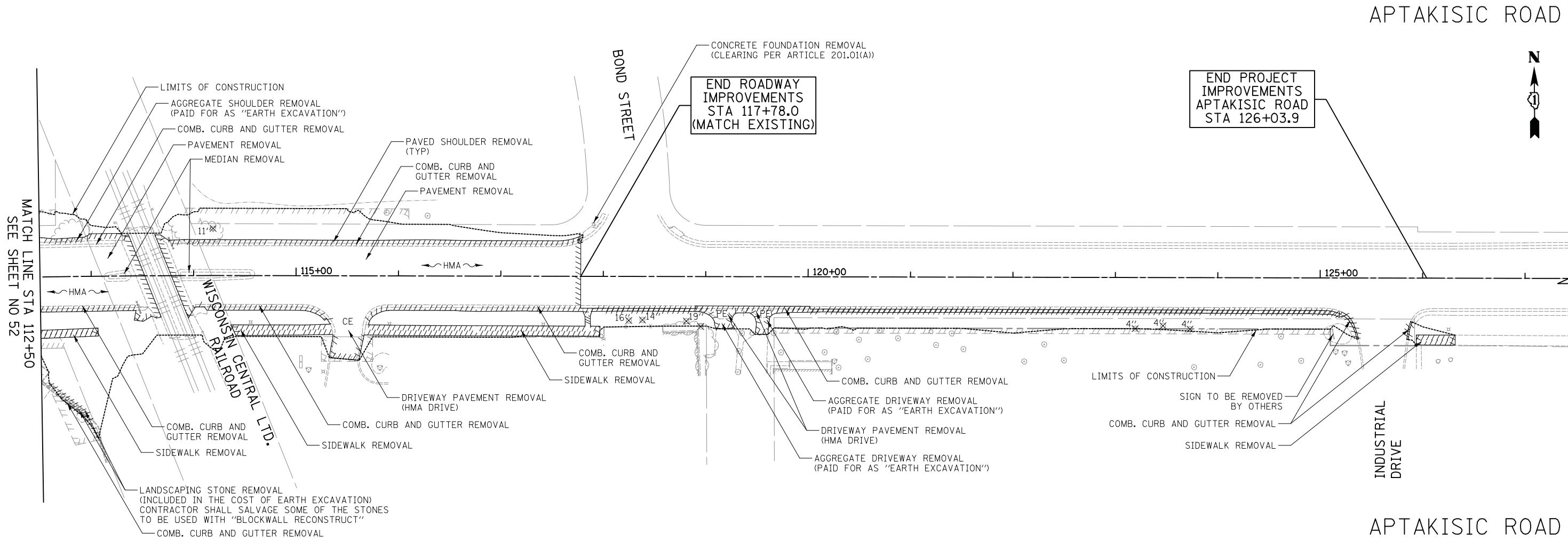
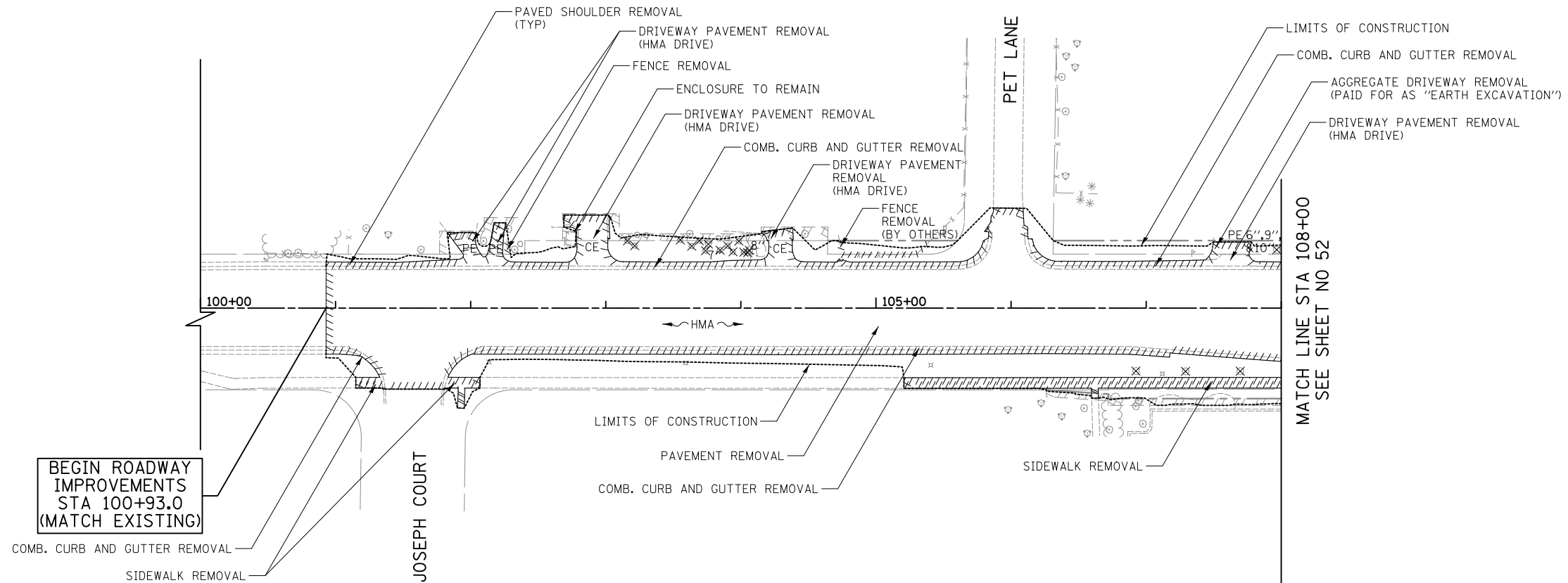
WEILAND ROAD

WEILAND ROAD



DATE	BY
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TEMPLATE	
AREAS	
CHECKED	
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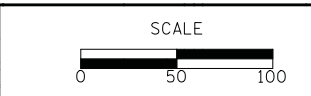
DATE	BY
ORIGINAL	
SURVEY	
NOTE	
BOOK	
AREAS	
CHECKED	
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CHECKED -	JRV	REVISED -	
DATE -	6/10/2019	REVISED -	

**STATE OF ILLINOIS  
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**REMOVAL PLANS**

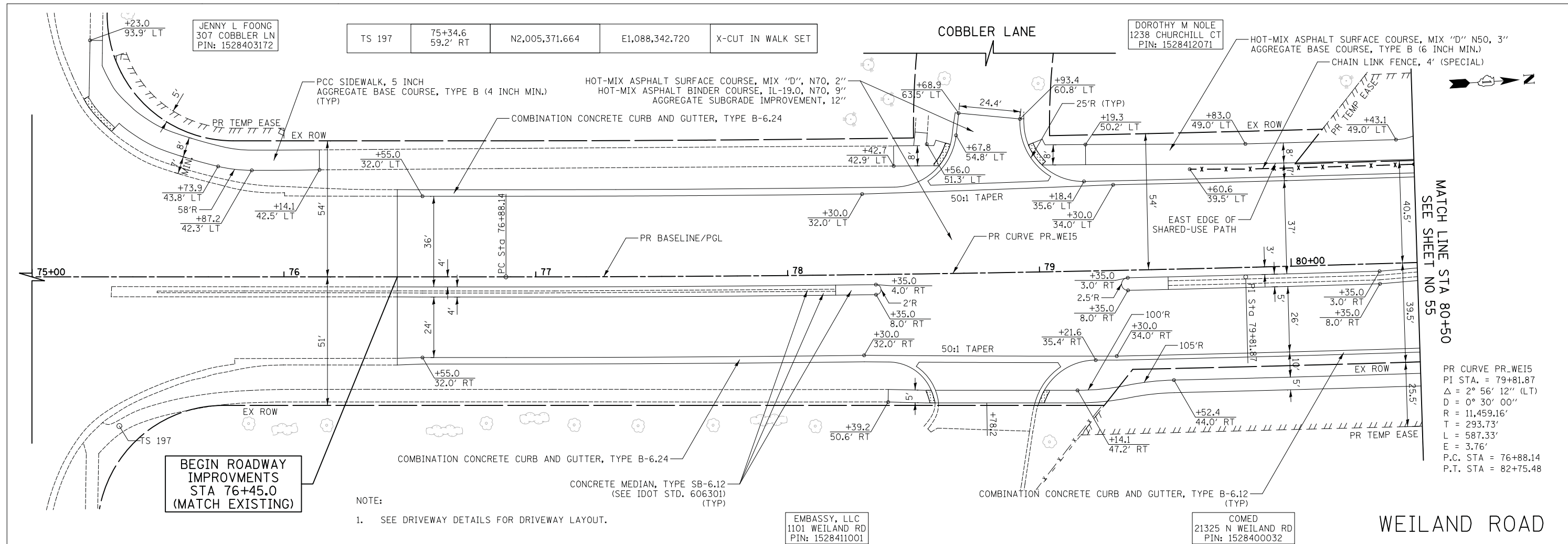
SHEET NO. 3 OF 3 SHEETS STA. 100+93.0 TO STA. 126+03.9

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	53
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
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PLOTTED	
TEMPLATE	
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DATE	
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CHECKED	
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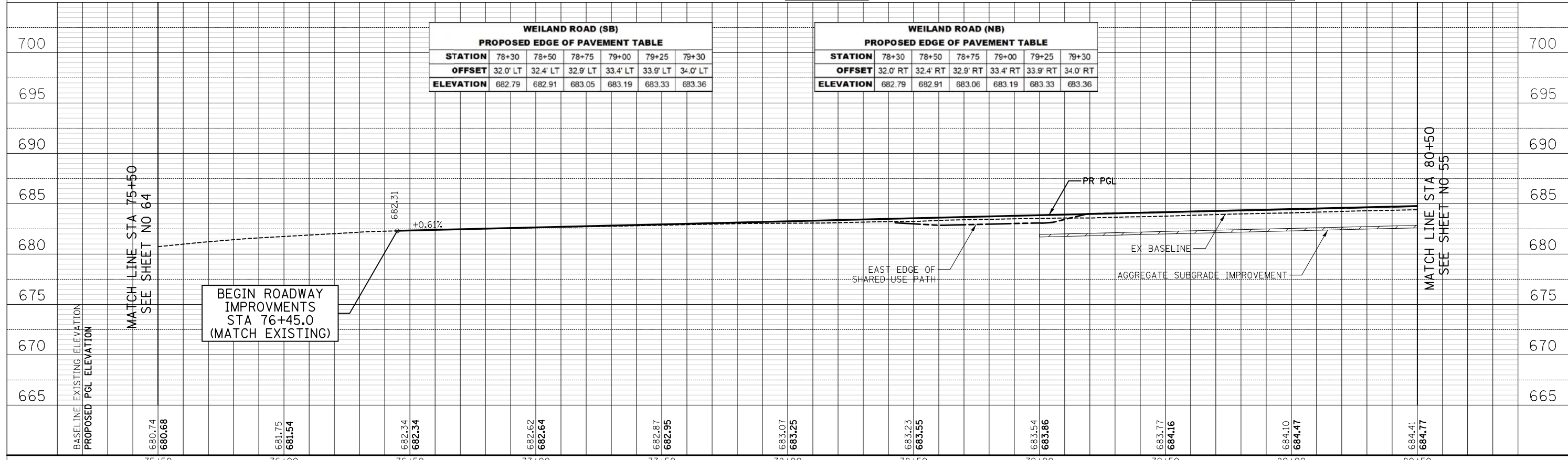
**BEGIN ROADWAY IMPROVEMENTS STA 76+45.0 (MATCH EXISTING)**

NOTE:  
1. SEE DRIVEWAY DETAILS FOR DRIVEWAY LAYOUT.

PR CURVE PR\_WE15  
PI STA. = 79+81.87  
 $\Delta = 2^\circ 56' 12''$  (LT)  
D = 0° 30' 00"  
R = 11,459.16'  
L = 293.73'  
E = 587.33'  
P.C. STA = 76+88.14  
P.T. STA = 82+75.48

WEILAND ROAD (SB)						
PROPOSED EDGE OF PAVEMENT TABLE						
STATION	78+30	78+50	78+75	79+00	79+25	79+30
OFFSET	32.0' LT	32.4' LT	32.9' LT	33.4' LT	33.9' LT	34.0' LT
ELEVATION	682.79	682.91	683.05	683.19	683.33	683.36

WEILAND ROAD (NB)						
PROPOSED EDGE OF PAVEMENT TABLE						
STATION	78+30	78+50	78+75	79+00	79+25	79+30
OFFSET	32.0' RT	32.4' RT	32.9' RT	33.4' RT	33.9' RT	34.0' RT
ELEVATION	682.79	682.91	683.06	683.19	683.33	683.36



**BEGIN ROADWAY IMPROVEMENTS STA 76+45.0 (MATCH EXISTING)**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**PLAN AND PROFILE**

SHEET NO. 1 OF 14 SHEETS STA. 75+20.6 TO STA. 80+50.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	54
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PR CURVE PR\_WE15  
 PI STA. = 79+81.87  
 $\Delta = 2^\circ 56' 12''$  (LT)  
 $D = 0^\circ 30' 00''$   
 $R = 11,459.16'$   
 $T = 293.73'$   
 $L = 587.33'$   
 $E = 3.76'$   
 P.C. STA = 76+88.14  
 P.T. STA = 82+75.48

COMED  
 21420 N WEILAND RD  
 PIN: 1528400031

TS 17    82+50.3    69.3' LT    N2,000,085.123    E1,088,246.256    5/8" IR/CAP-RETURNED

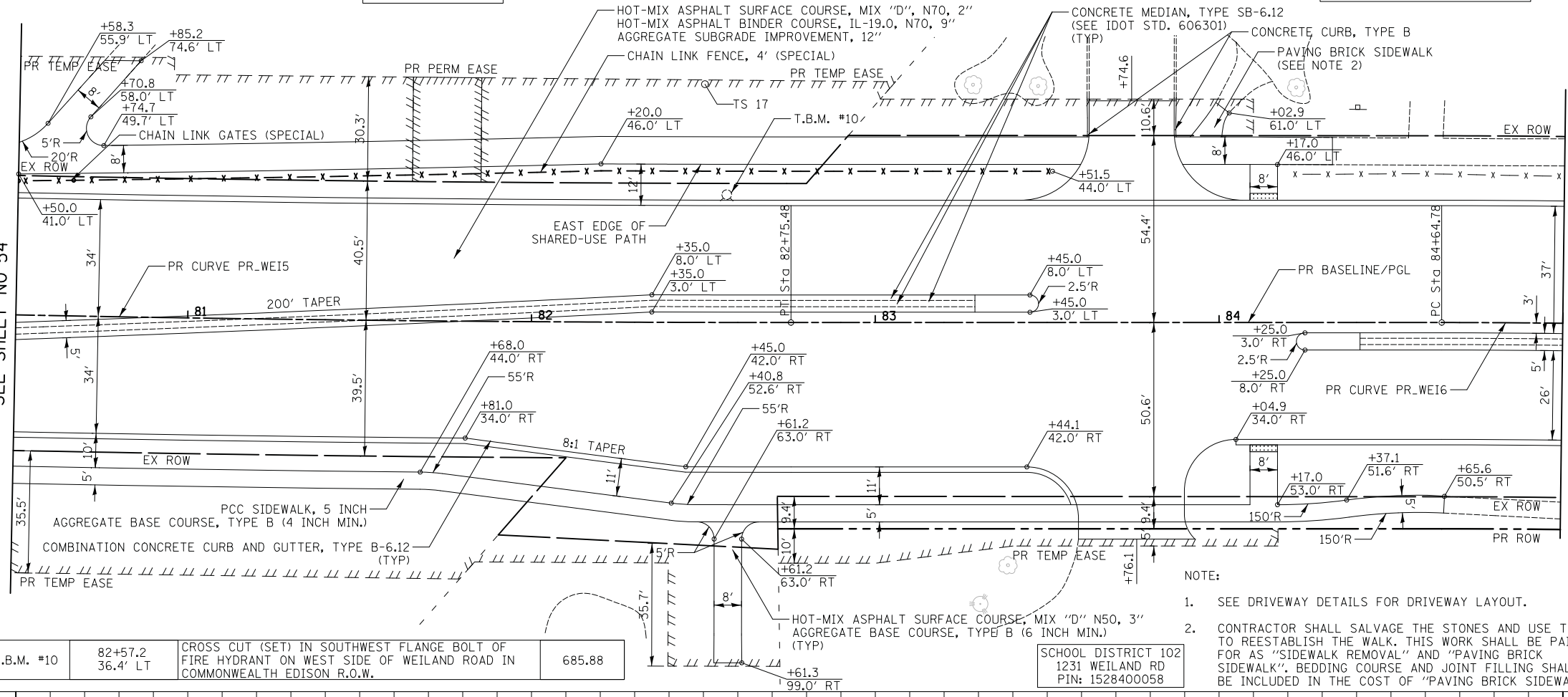
BUFFALO GROVE PARK DISTRICT  
 0 MADISON DRIVE  
 PIN: 1528213001



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MATCH LINE STA 80+50  
 SEE SHEET NO 54

MATCH LINE STA 85+00  
 SEE SHEET NO 56



T.B.M. #10    82+57.2    36.4' LT    CROSS CUT (SET) IN SOUTHWEST FLANGE BOLT OF FIRE HYDRANT ON WEST SIDE OF WEILAND ROAD IN COMMONWEALTH EDISON R.O.W.    685.88

SCHOOL DISTRICT 102  
 1231 WEILAND RD  
 PIN: 1528400058

- NOTE:
- SEE DRIVEWAY DETAILS FOR DRIVEWAY LAYOUT.
  - CONTRACTOR SHALL SALVAGE THE STONES AND USE THEM TO REESTABLISH THE WALK. THIS WORK SHALL BE PAID FOR AS "SIDEWALK REMOVAL" AND "PAVING BRICK SIDEWALK". BEDDING COURSE AND JOINT FILLING SHALL BE INCLUDED IN THE COST OF "PAVING BRICK SIDEWALK".

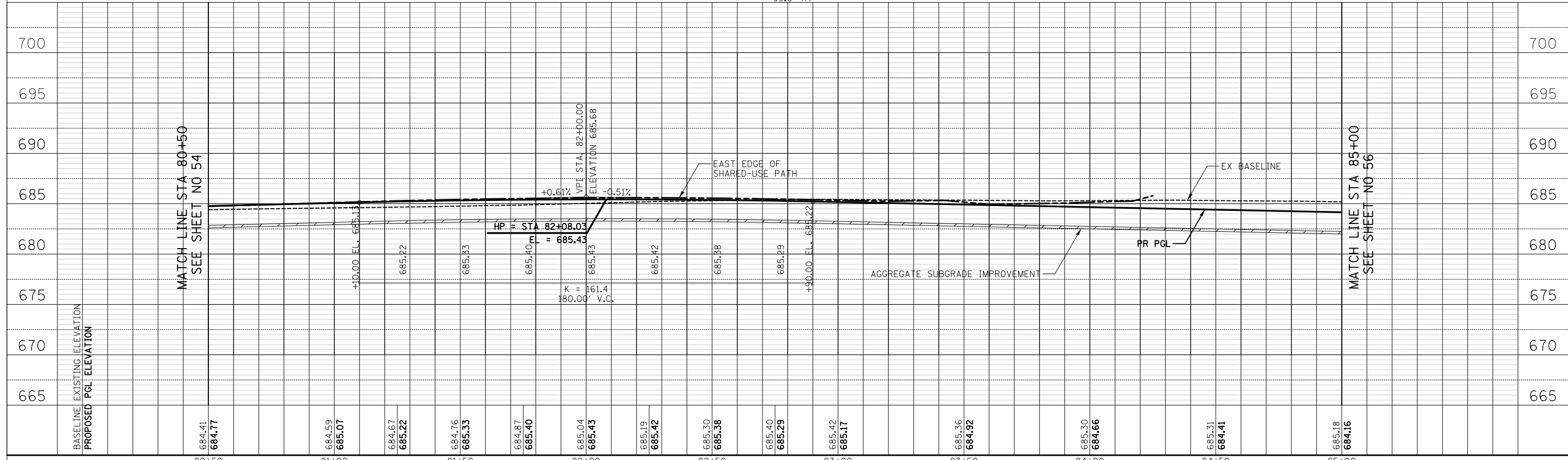
PR CURVE PR\_WE16  
 PI STA. = 88+08.97  
 $\Delta = 13^\circ 42' 07''$  (RT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 344.19'$   
 $L = 685.09'$   
 $E = 20.60'$   
 P.C. STA = 84+64.78  
 P.T. STA = 91+49.87

# WEILAND ROAD

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MATCH LINE STA 80+50  
 SEE SHEET NO 54

MATCH LINE STA 85+00  
 SEE SHEET NO 56



80+50	81+00	81+50	82+00	82+50	83+00	83+50	84+00	84+50	85+00				
684.41 684.77	684.59 685.07	684.67 685.22	684.76 685.33	684.87 685.40	685.04 685.43	685.19 685.42	685.30 685.38	685.40 685.29	685.42 685.17	685.36 684.92	685.30 684.66	685.31 684.41	685.18 684.16

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



### PLAN AND PROFILE

SHEET NO. 2 OF 14 SHEETS    STA. 80+50.0 TO STA. 85+00.0

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	55
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

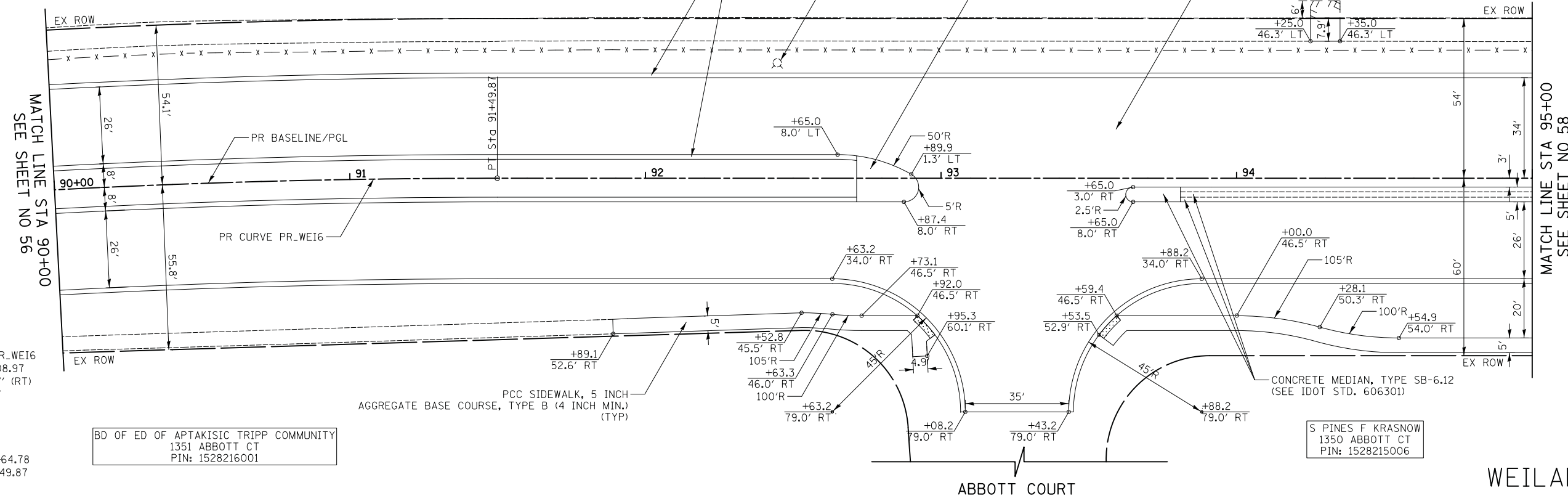


DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

T.B.M. #11	92+45.3 39.6' LT	CROSS CUT (SET) IN SOUTHWEST FLANGE BOLT OF FIRE HYDRANT ON WEST SIDE OF WEILAND ROAD ±73' SOUTH OF THE C OF ABBOTT COURT.	679.68
------------	---------------------	--	--------

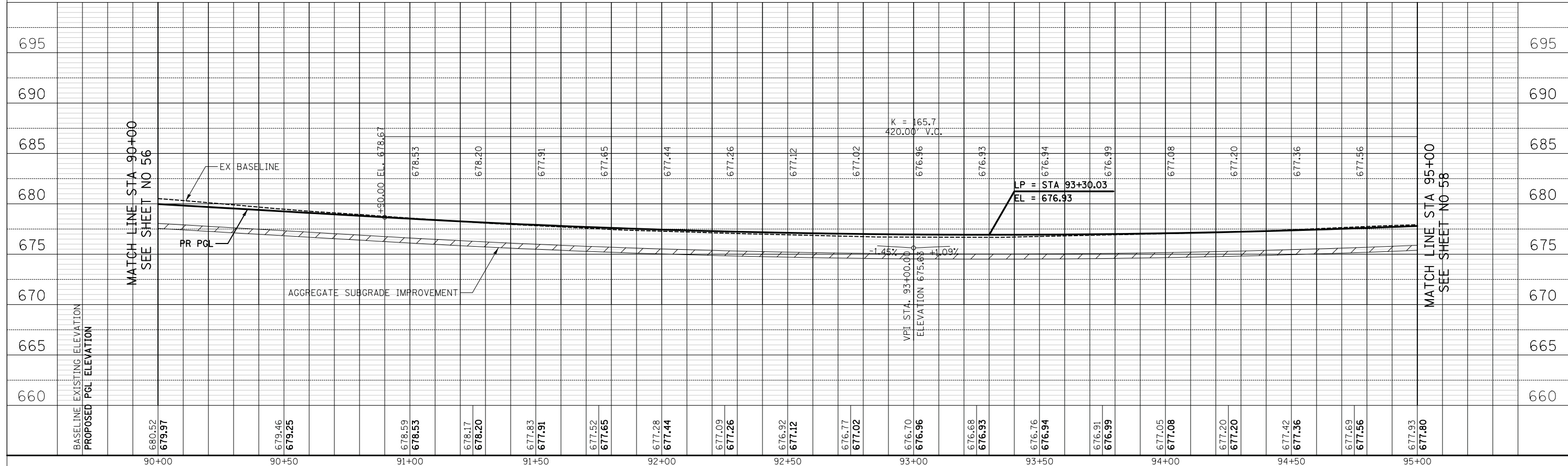
BUFFALO GROVE PARK DISTRICT  
O MADISON DRIVE  
PIN: 1528213001



PROP. CURVE PR\_WE16  
PI STA. = 88+08.97  
Δ = 13° 42' 07" (RT)  
D = 2° 00' 00"  
R = 2,864.79'  
T = 344.19'  
L = 685.09'  
E = 20.60'  
P.C. STA = 84+64.78  
P.T. STA = 91+49.87

BD OF ED OF APTAKISIC TRIPP COMMUNITY  
1351 ABBOTT CT  
PIN: 1528216001

S PINES F KRASNOW  
1350 ABBOTT CT  
PIN: 1528215006



BASELINE EXISTING ELEVATION	680.52	679.46	678.59	678.17	677.83	677.52	677.28	677.09	676.92	676.77	676.70	676.68	676.76	676.91	677.05	677.20	677.42	677.69	677.93	695
PROPOSED PGL ELEVATION	679.97	679.25	678.53	678.20	677.91	677.65	677.44	677.26	677.12	677.02	676.96	676.93	676.94	676.99	677.08	677.20	677.36	677.56	677.80	695
	90+00	90+50	91+00	91+50	92+00	92+50	93+00	93+50	94+00	94+50	95+00									

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PLAN AND PROFILE

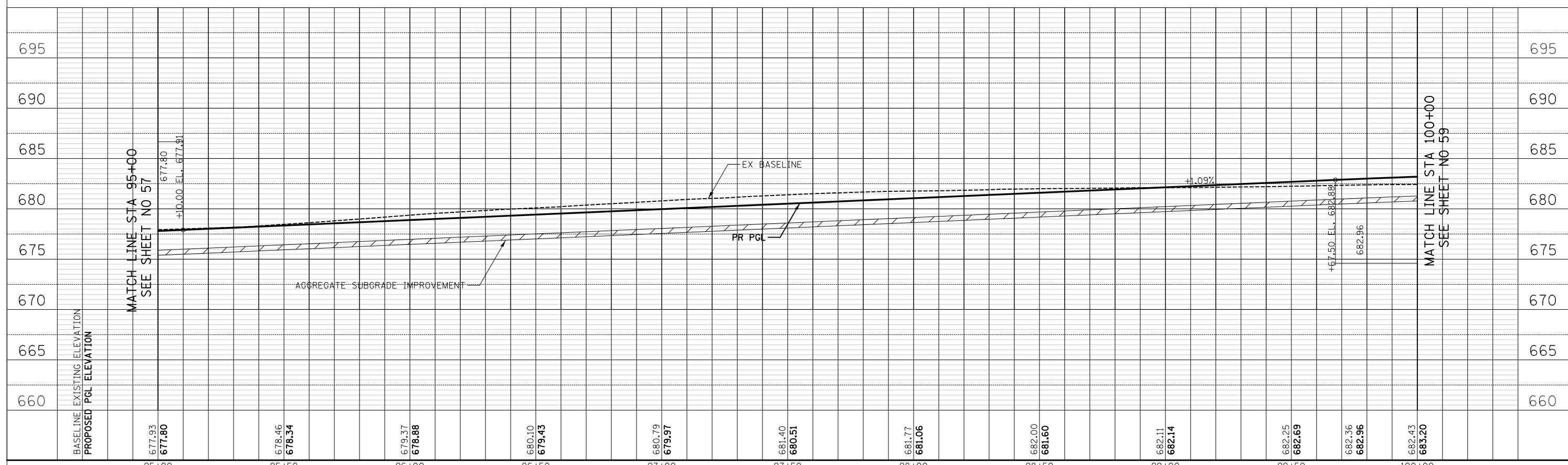
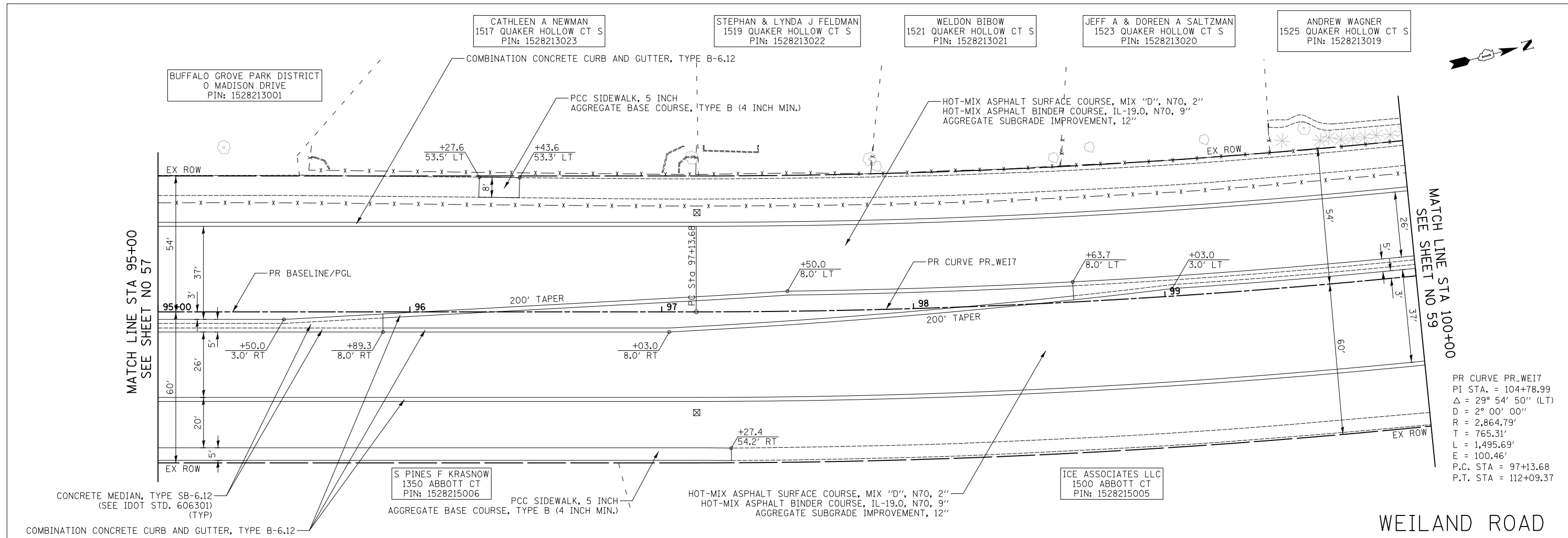
SHEET NO. 4 OF 14 SHEETS STA. 90+00.0 TO STA. 95+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	57
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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DATE	
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SURVEYED	
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TEMPLATE	
NOTE BOOK	
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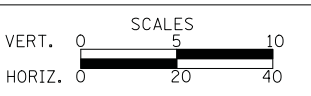
BASELINE EXISTING ELEVATION	677.93	678.46	679.37	680.10	680.79	681.40	681.77	682.00	682.11	682.25	682.36	682.43	695
PROPOSED PGL ELEVATION	677.80	678.34	678.88	679.43	679.97	680.51	681.06	681.60	682.14	682.69	682.96	683.20	695
	95+00	95+50	96+00	96+50	97+00	97+50	98+00	98+50	99+00	99+50	100+00		

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 REVISED -

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**PLAN AND PROFILE**

SHEET NO. 5 OF 14 SHEETS STA. 95+00.0 TO STA. 100+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	58
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





PR CURVE PR.WE17  
 PI STA. = 104+78.99  
 $\Delta = 29^\circ 54' 50''$  (LT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 765.31'$   
 $L = 1,495.69'$   
 $E = 100.46'$   
 P.C. STA = 97+13.68  
 P.T. STA = 112+09.37

JADE & ANDREA OLSON  
 1510 QUAKER HOLLOW CT N  
 PIN: 1528206066

PATRICK D & MANETTA M QUILLINAN  
 1519 MADISON CT N  
 PIN: 1528206053

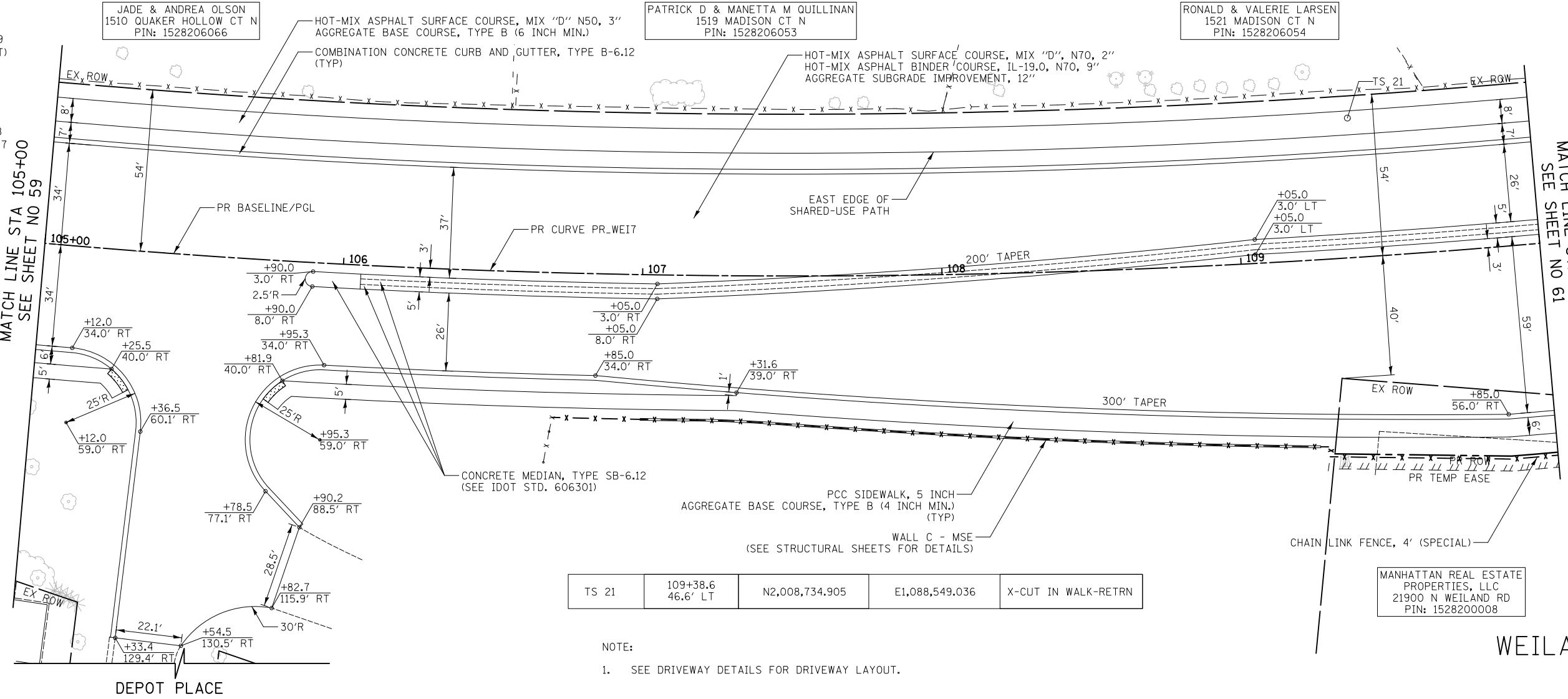
RONALD & VALERIE LARSEN  
 1521 MADISON CT N  
 PIN: 1528206054

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

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

MATCH LINE STA 105+00  
 SEE SHEET NO 59

MATCH LINE STA 110+00  
 SEE SHEET NO 61



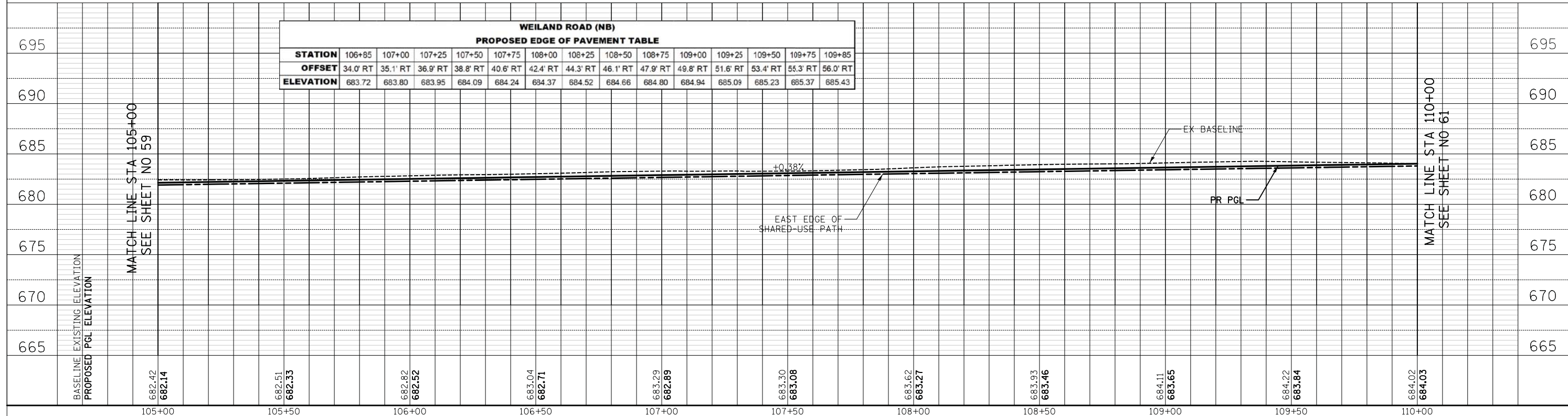
TS 21	109+38.6 46.6' LT	N2,008,734.905	E1,088,549.036	X-CUT IN WALK-RETRN
-------	----------------------	----------------	----------------	---------------------

NOTE:  
 1. SEE DRIVEWAY DETAILS FOR DRIVEWAY LAYOUT.

MANHATTAN REAL ESTATE  
 PROPERTIES, LLC  
 21900 N WEILAND RD  
 PIN: 1528200008

WEILAND ROAD

WEILAND ROAD (NB)														
PROPOSED EDGE OF PAVEMENT TABLE														
STATION	106+85	107+00	107+25	107+50	107+75	108+00	108+25	108+50	108+75	109+00	109+25	109+50	109+75	109+85
OFFSET	34.0' RT	35.1' RT	36.9' RT	38.8' RT	40.6' RT	42.4' RT	44.3' RT	46.1' RT	47.9' RT	49.8' RT	51.6' RT	53.4' RT	55.3' RT	56.0' RT
ELEVATION	683.72	683.80	683.95	684.09	684.24	684.37	684.52	684.66	684.80	684.94	685.09	685.23	685.37	685.43



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DATE - 6/10/2019	REVISED -

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PLAN AND PROFILE

SHEET NO. 7 OF 14 SHEETS STA. 105+00.0 TO STA. 110+00.0

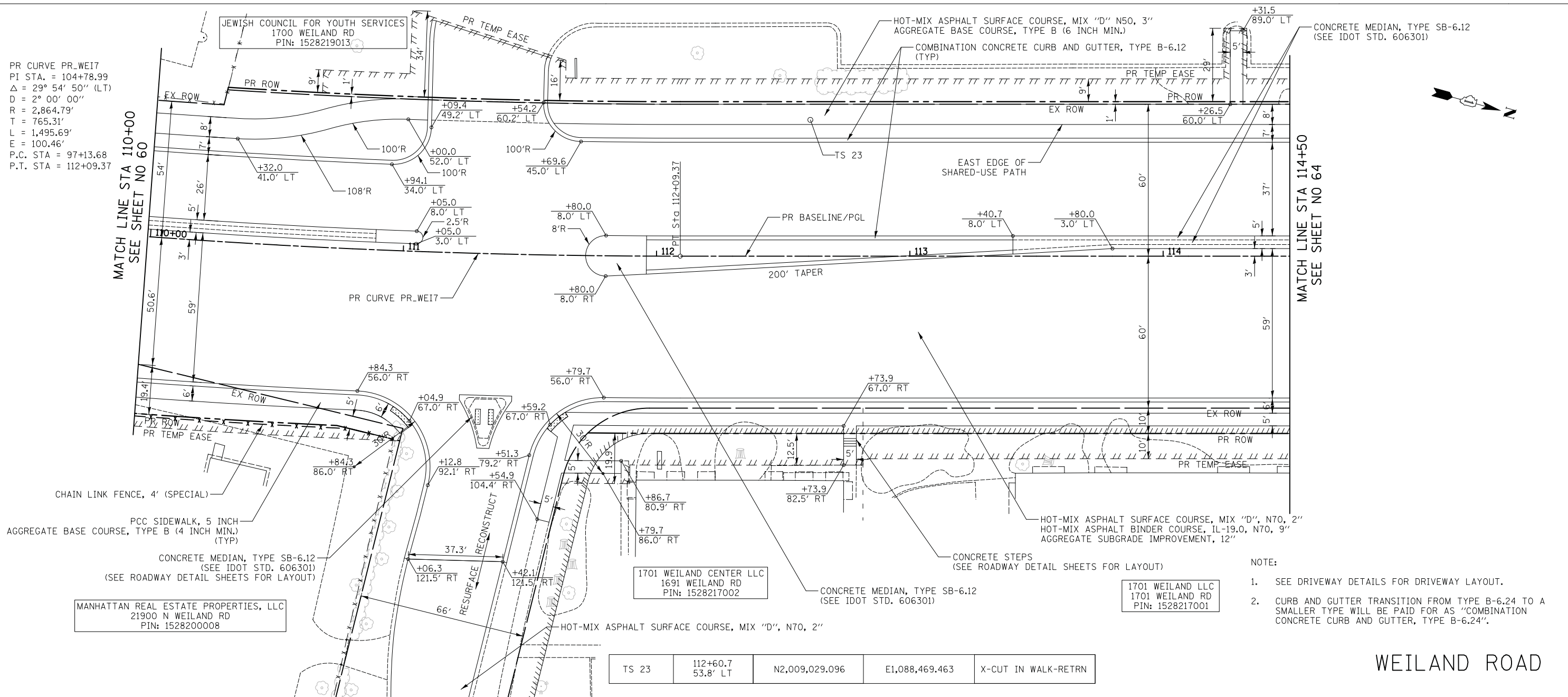
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	60
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

PR CURVE PR\_WEI7  
 PI STA. = 104+78.99  
 $\Delta = 29^\circ 54' 50''$  (LT)  
 $D = 2^\circ 00' 00''$   
 $R = 2,864.79'$   
 $T = 765.31'$   
 $L = 1,495.69'$   
 $E = 100.46'$   
 P.C. STA = 97+13.68  
 P.T. STA = 112+09.37

MATCH LINE STA 110+00  
 SEE SHEET NO 60

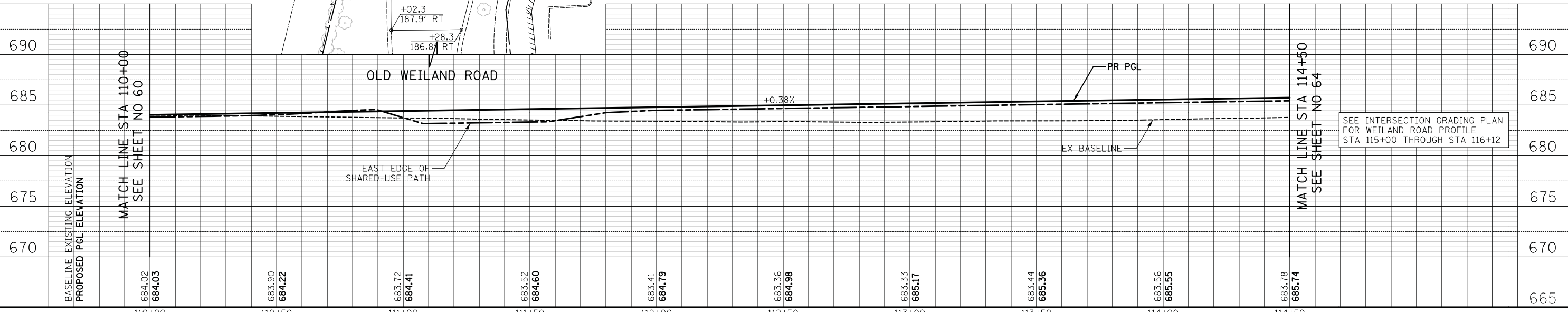
MATCH LINE STA 114+50  
 SEE SHEET NO 64



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

TS 23	112+60.7 53.8' LT	N2,009,029.096	E1,088,469.463	X-CUT IN WALK-RETRN
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WEILAND ROAD



BASELINE EXISTING ELEVATION	684.02	683.90	683.72	683.52	683.41	683.36	683.33	683.44	683.56	683.78	685.74	665
PROPOSED PGL ELEVATION	684.03	684.22	684.41	684.60	684.79	684.98	685.17	685.36	685.55	685.74	685.74	665
	110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50		

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

DESIGNED - PK  
 DRAWN - PK  
 CHECKED - JRV  
 DATE - 6/10/2019

REVISED -  
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 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



PLAN AND PROFILE

SHEET NO. 8 OF 14 SHEETS STA. 110+00.0 TO STA. 114+50.0

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	61
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61F25	

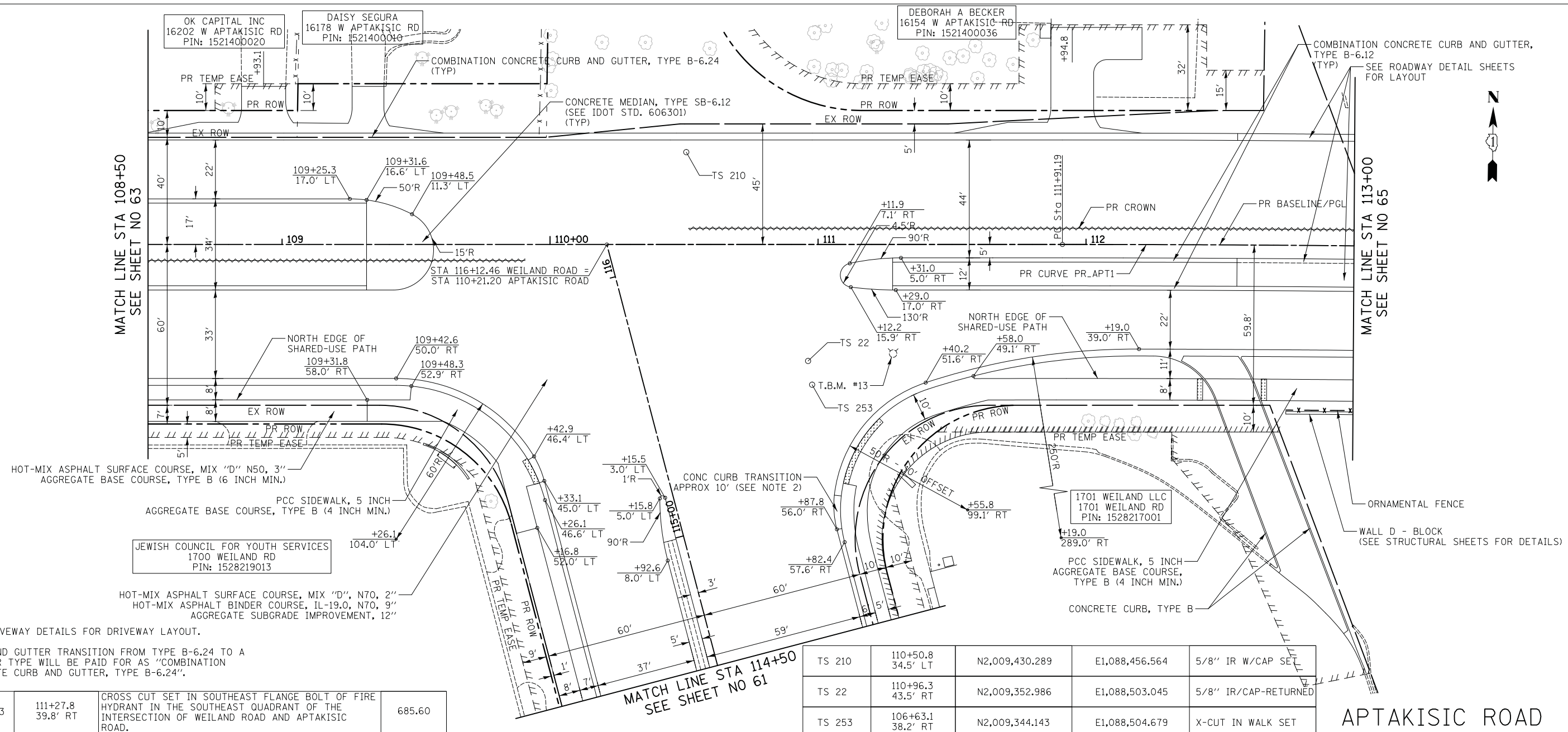






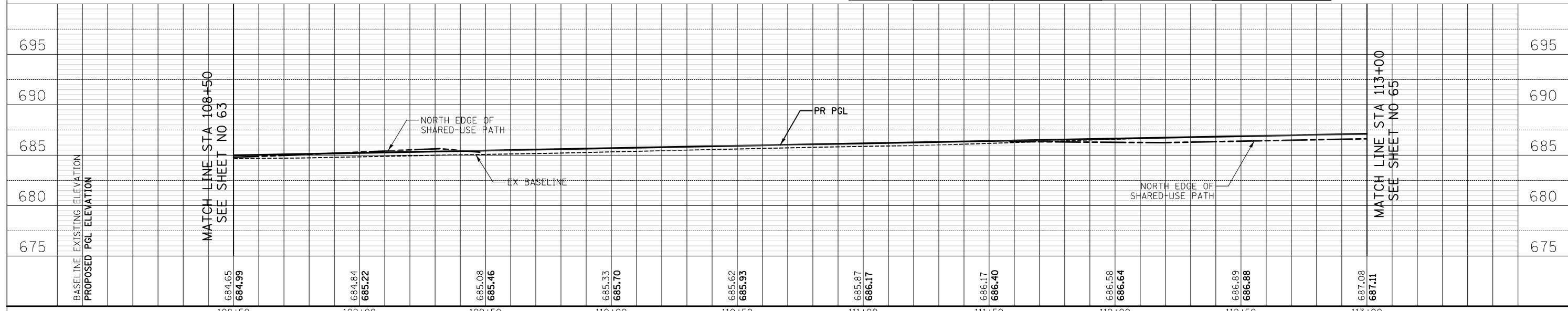
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NOTE BOOK	
AREAS CHECKED	
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- NOTE:
- SEE DRIVEWAY DETAILS FOR DRIVEWAY LAYOUT.
  - CURB AND GUTTER TRANSITION FROM TYPE B-6.24 TO A SMALLER TYPE WILL BE PAID FOR AS "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24".

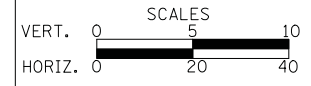
T.B.M. #13	111+27.8 39.8' RT	CROSS CUT SET IN SOUTHEAST FLANGE BOLT OF FIRE HYDRANT IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF WEILAND ROAD AND APTAKISIC ROAD.	685.60
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DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**PLAN AND PROFILE**  
SHEET NO. 11 OF 14 SHEETS STA. 108+50.0 TO STA. 113+00.0

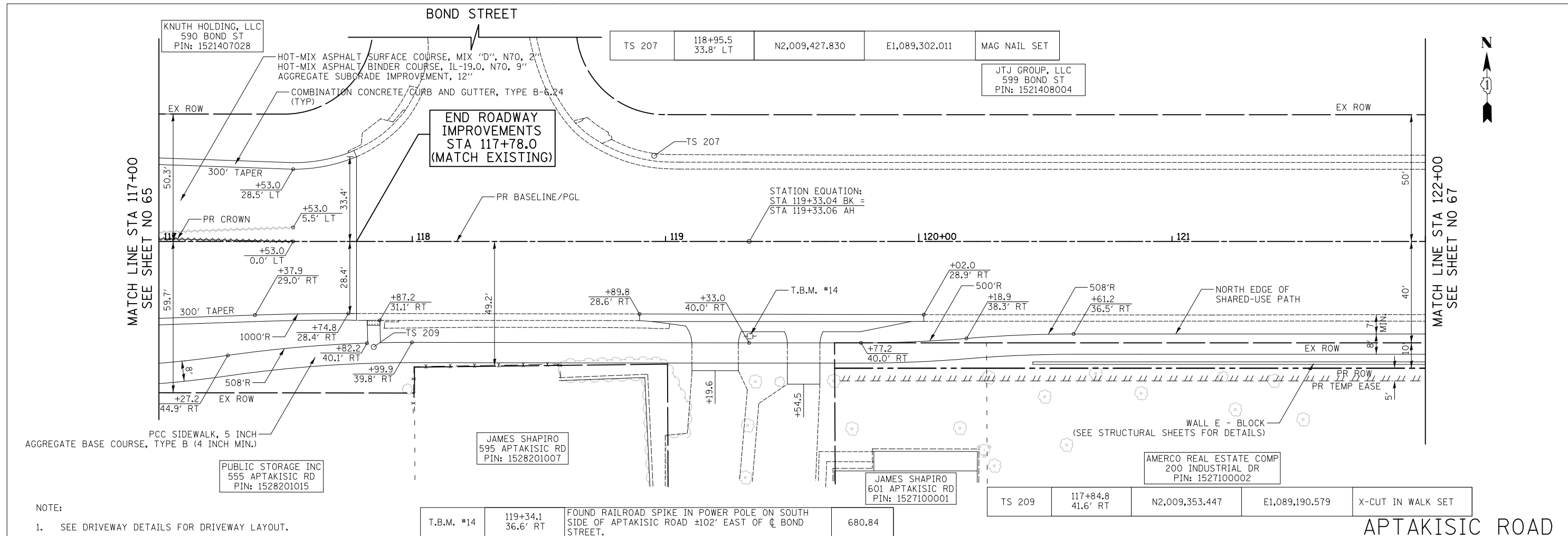
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	64
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



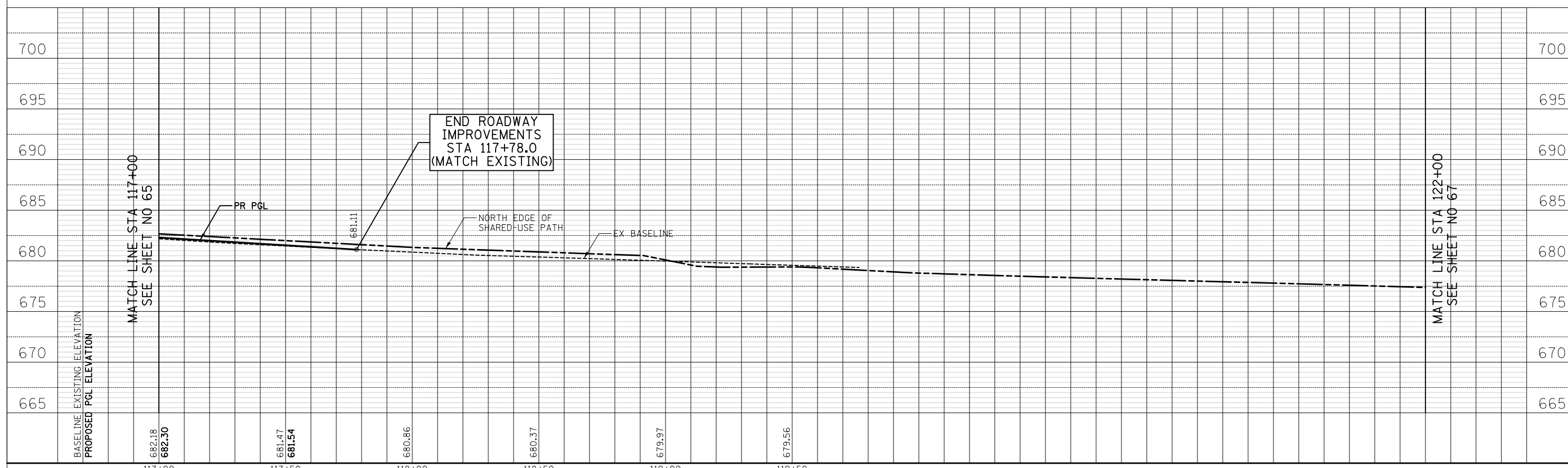


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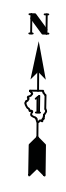


NOTE:  
1. SEE DRIVEWAY DETAILS FOR DRIVEWAY LAYOUT.



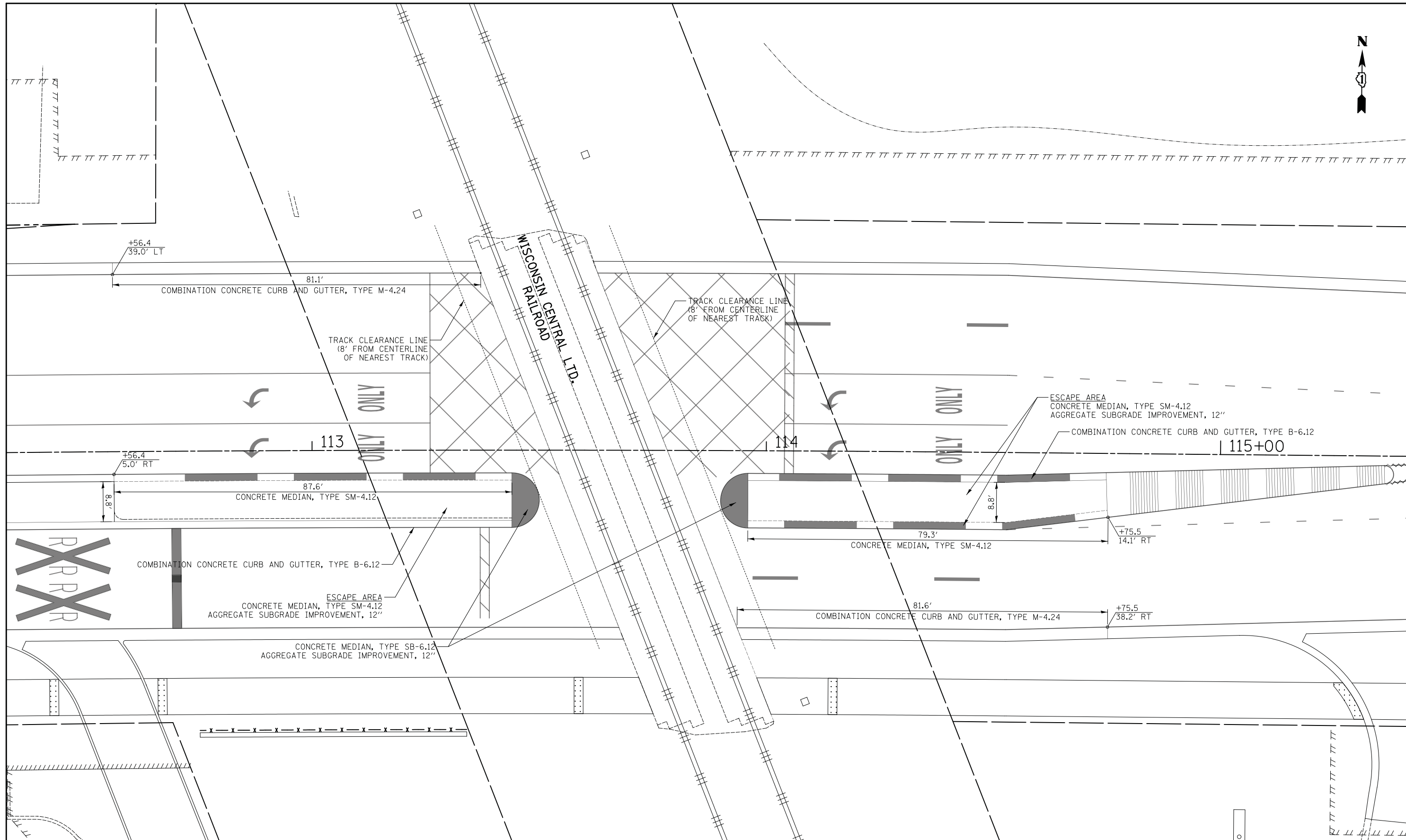






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AREAS CHECKED	
ORIGINAL	
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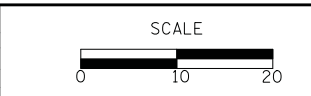


**APTAKISIC ROAD**

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 Two Pierce Place, Suite 1400  
 Itasca, Illinois 60143  
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DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 6/10/2019	REVISED -

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

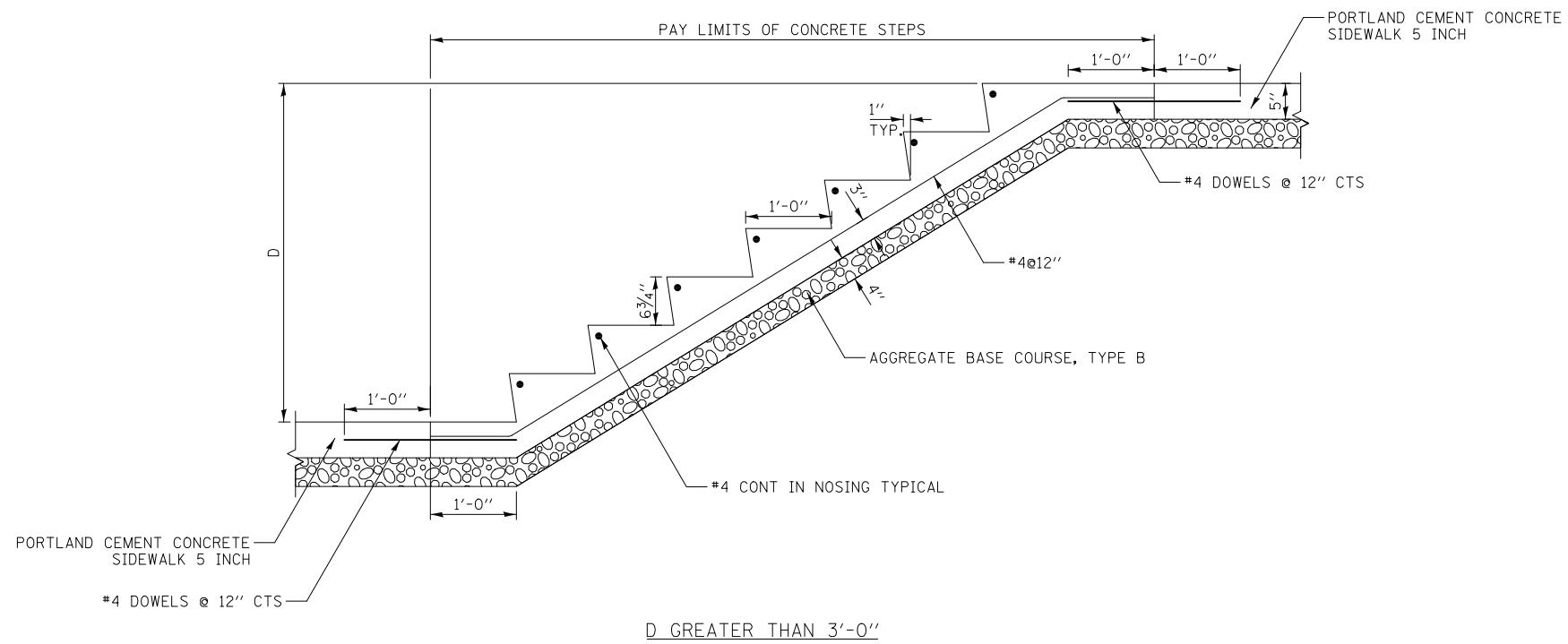
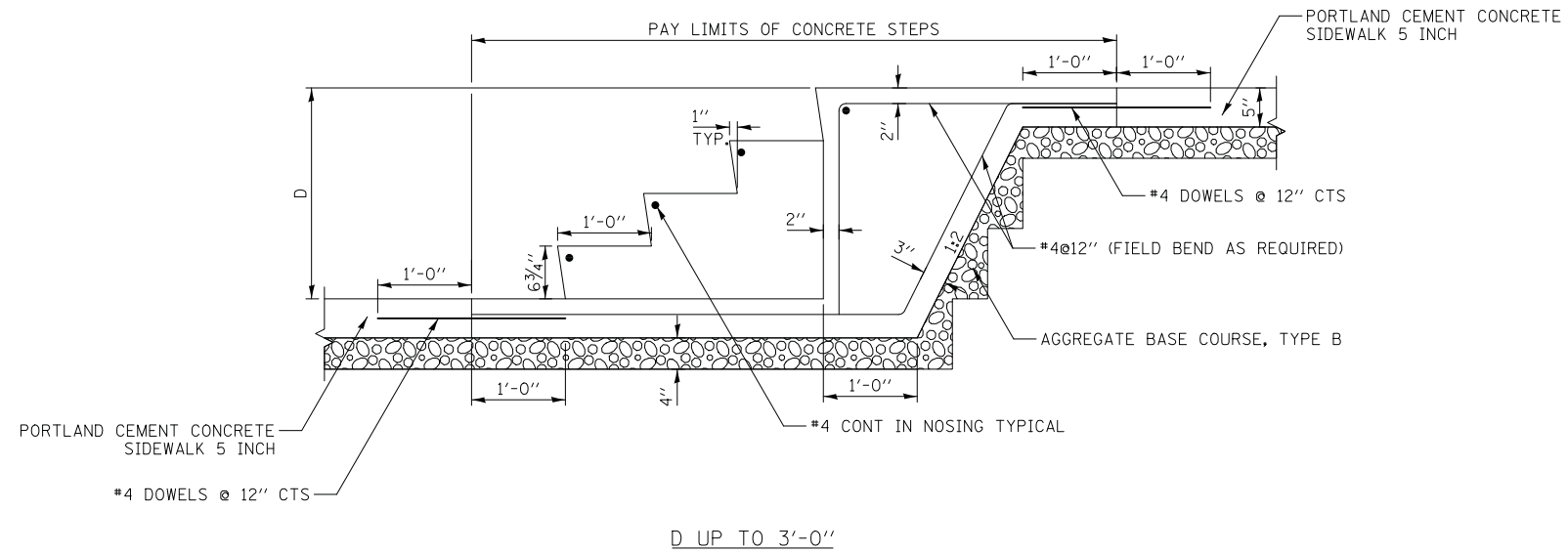


**ROADWAY DETAILS**  
 SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	69
<b>CONTRACT NO. 61F25</b>				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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CHECKED	
ORIGINAL	
NO.	



TYPICAL CONCRETE STEPS DETAIL



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DRAWN -	PK	REVISED -	
CHECKED -	JRV	REVISED -	
DATE -	6/10/2019	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NO SCALE

ROADWAY DETAILS

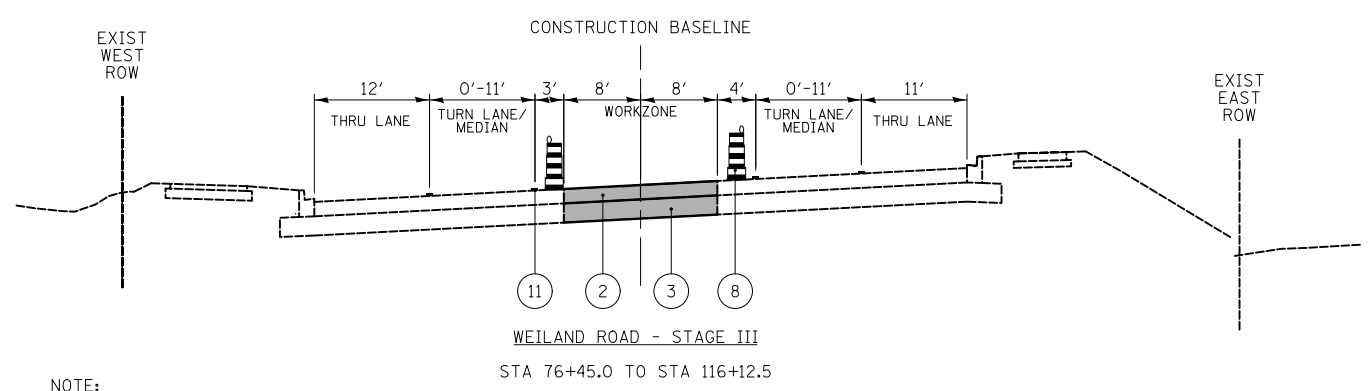
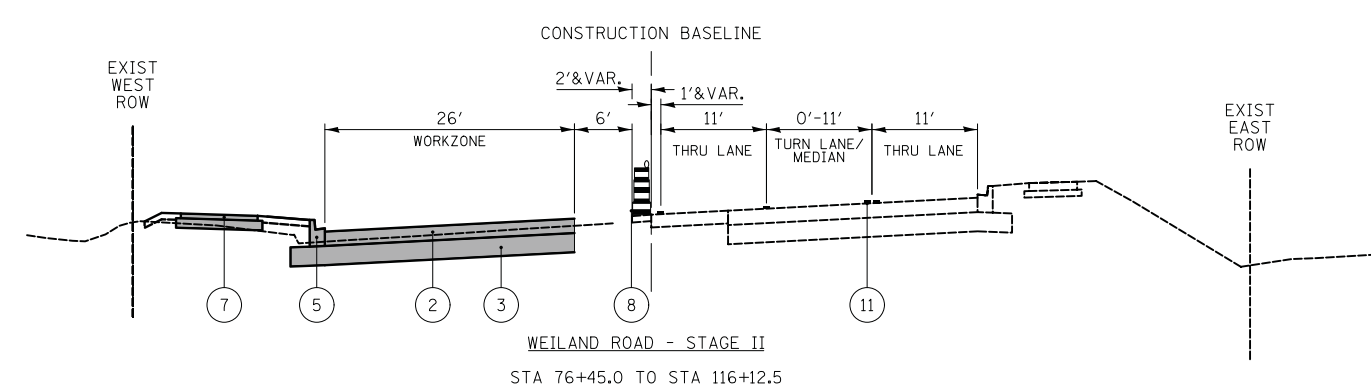
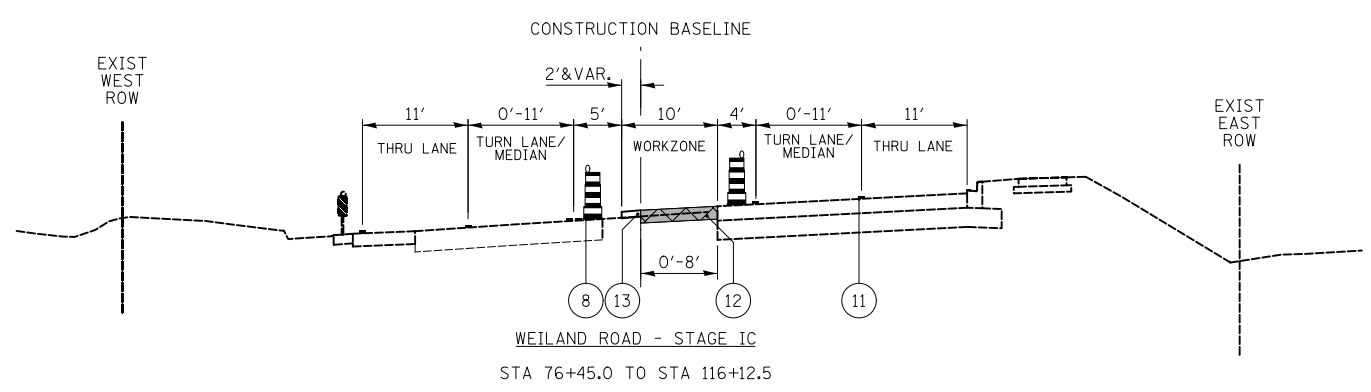
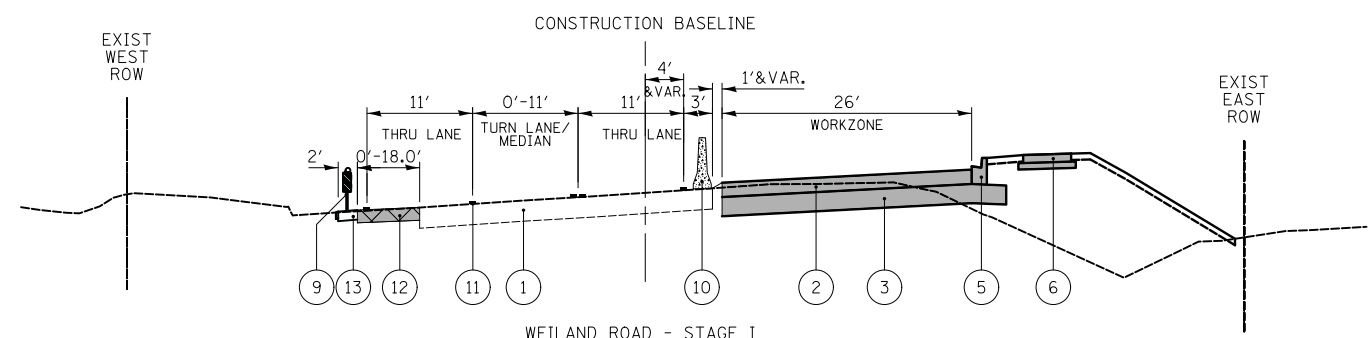
SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	70
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
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PLOTTED	
TEMPLATE	
AREAS	
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TEMPLATE	
AREAS	
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- 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-6.24
  - ⑤ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑥ PROPOSED SIDEWALK
  - ⑦ PROPOSED BIKEPATH
  - ⑧ BARREL WITH STEADY-BURN LIGHT
  - ⑨ VERTICAL PANEL WITH STEADY-BURN LIGHT
  - ⑩ TEMPORARY CONCRETE BARRIER
  - ⑪ TEMPORARY PAVEMENT MARKING
  - ⑫ TEMPORARY PAVEMENT, 8" - PAID FOR AS "TEMPORARY PAVEMENT"
  - ⑬ 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.
  - PRIOR TO TURNING ON TEMPORARY SIGNAL ON WEILAND ROAD AT JUNIOR HIGH SCHOOL ENTRANCE, PROVIDE RIGHT TURN BAY STRIPING AND SIGNING AT OUTSIDE NORTHBOUND LANE IN ACCORDANCE WITH THE 'THRU LANE TO TURN LANE CONVERSION' DETAIL OF THE LAKE COUNTY STANDARD LC7800.

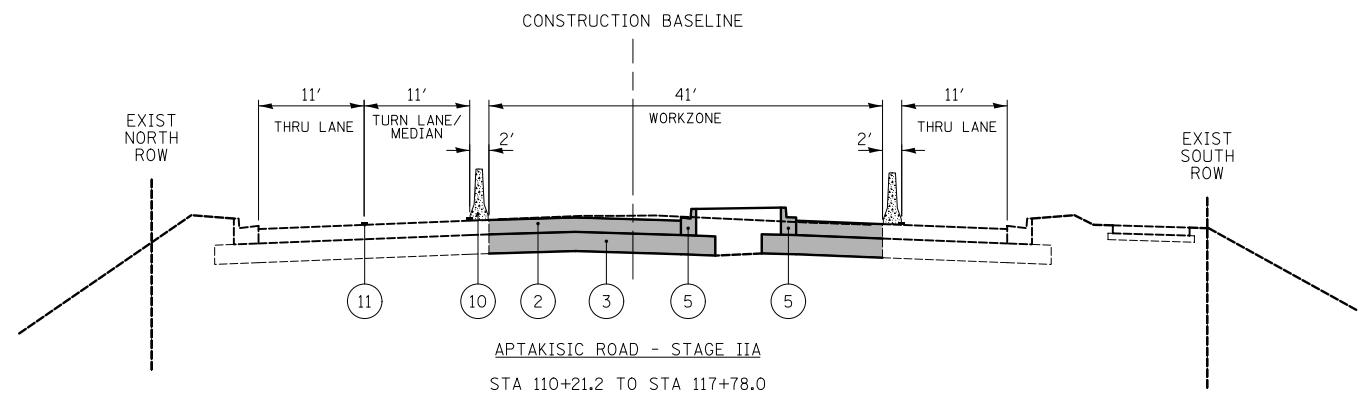
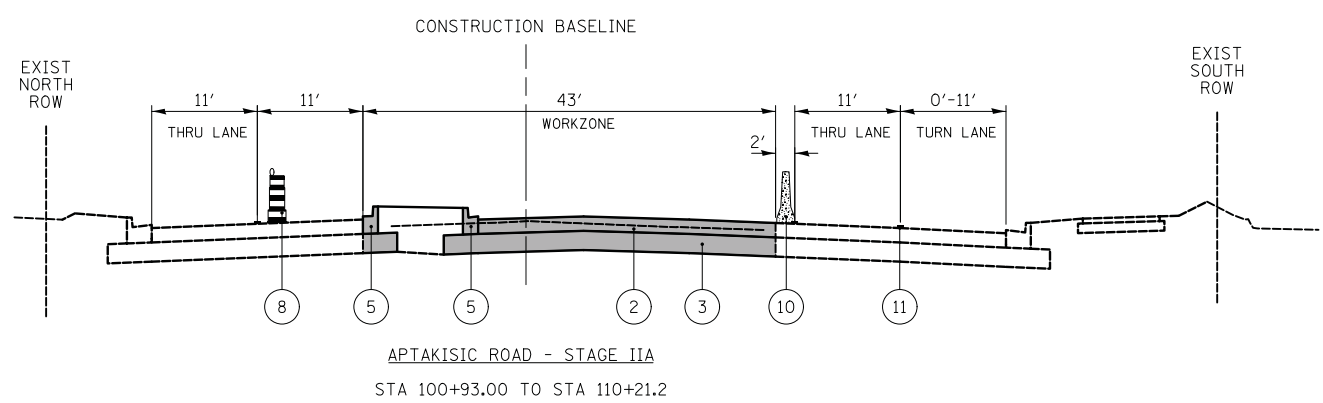
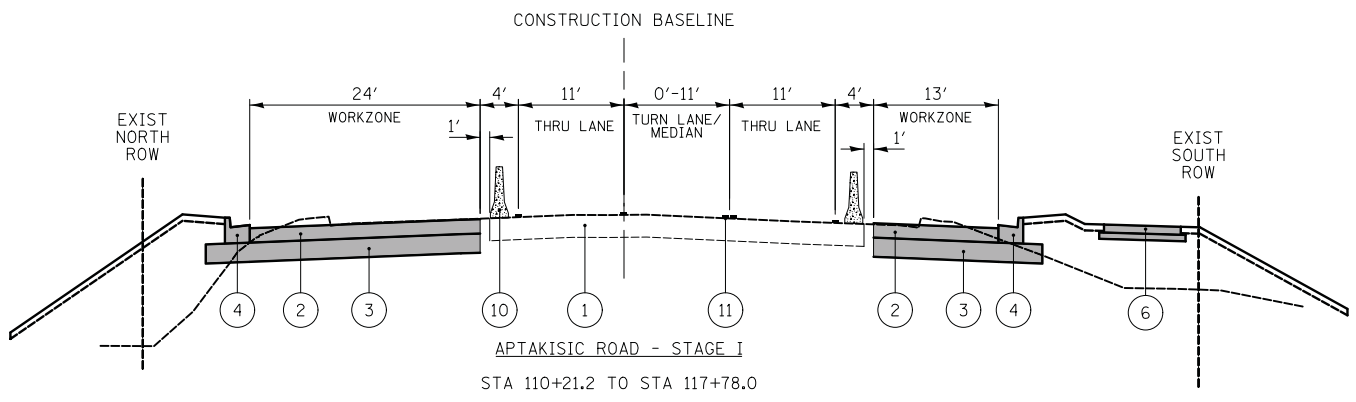
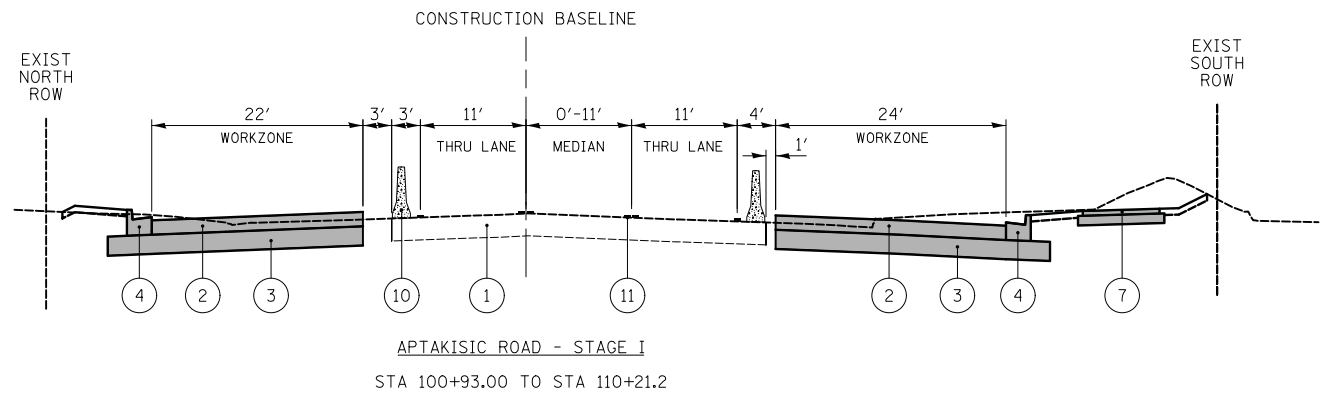
<p>THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.</p> <p>PRE-STAGE (NOT ILLUSTRATED)</p> <ol style="list-style-type: none"> <li>ERECT ALL ADVANCED CONSTRUCTION SIGNING.</li> <li>IMPLEMENT SOIL &amp; SEDIMENT EROSION CONTROL PLAN AND PROVIDE TEMPORARY FENCE WHERE PERIMETER EROSION CONTROL BARRIER IS NOT SHOWN.</li> <li>REMOVE TREES AND RELOCATE TRAFFIC SIGNS WHERE NECESSARY.</li> <li>TURN OFF AND COVER TRAFFIC SIGNALS, AND INSTALL TEMPORARY TRAFFIC SIGNALS. (SEE NOTE 5)</li> <li>INSTALL TEMPORARY LIGHTING.</li> <li>CONSTRUCT TEMPORARY PAVEMENT WHERE REQUIRED IN STAGE I.</li> <li>PLACEMENT OF TEMPORARY RAILROAD CROSSING EQUIPMENT (TO BE ACCOMPLISHED BY THE RAILROAD).</li> <li>REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, ERECT BARRICADES AND TEMPORARY TRAFFIC SIGNS AND SHIFT TRAFFIC.</li> </ol>	<p><b>STAGE I</b></p> <ol style="list-style-type: none"> <li>REMOVE EXISTING PAVEMENT, SIDEWALK, ENTRANCES, AND CURB AND GUTTER ON THE EAST SIDE OF WEILAND ROAD AND BOTH SIDES OF APTAKISIC ROAD.</li> <li>INSTALL DRAINAGE STRUCTURES AND STORM SEWERS WITHIN WORKZONE AND ACROSS ROADWAY USING PAVEMENT PATCHING.</li> <li>CONSTRUCT AGGREGATE SUBGRADE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS, BIKE PATH, SIDEWALK, LIGHTING, AND WALLS. PLACE PERMANENT LANDSCAPING ON THE EAST SIDE OF WEILAND ROAD AND, IF NECESSARY, IMPLEMENT ADDITIONAL SEDIMENT EROSION CONTROL PLAN MEASURES WITHIN CONSTRUCTION LIMIT.</li> <li>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).</li> <li>PLACEMENT OF PERMANENT RAILROAD CROSSING EQUIPMENT (TO BE ACCOMPLISHED BY THE RAILROAD).</li> <li>REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, RELOCATE BARRICADES, ADJUST TEMPORARY SIGNING, TEMPORARY TRAFFIC SIGNALS, AND SHIFT TRAFFIC FOR STAGE II CONSTRUCTION.</li> </ol>	<p><b>STAGE II</b></p> <ol style="list-style-type: none"> <li>REMOVE EXISTING PAVEMENT, SIDEWALK, ENTRANCES, AND CURB AND GUTTER ON THE WEST SIDE OF WEILAND ROAD AND MIDDLE SECTIONS OF APTAKISIC ROAD.</li> <li>INSTALL DRAINAGE STRUCTURES AND STORM SEWERS.</li> <li>INSTALL AND BRING INTO SERVICE PERMANENT LIGHTING BEFORE REMOVING TEMPORARY LIGHTING.</li> <li>CONSTRUCT AGGREGATE SUBGRADE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS, BIKE PATH, AND SIDEWALK.</li> <li>CONSTRUCT TEMPORARY PAVEMENT WHERE REQUIRED IN STAGE III.</li> <li>REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS, RELOCATE BARRICADES, ADJUST TEMPORARY SIGNING, TEMPORARY TRAFFIC SIGNALS, AND SHIFT TRAFFIC FOR STAGE III CONSTRUCTION.</li> </ol>	<p><b>STAGE III</b></p> <ol style="list-style-type: none"> <li>CONSTRUCT AGGREGATE SUBGRADE, BINDER COURSE, CURB AND GUTTER, DRIVEWAYS, AND SIDEWALKS AT REMAINING SECTIONS OF THE PROJECT.</li> <li>PLACE SURFACE COURSE TO FINISHED GRADE AND PLACE SHORT TERM PAVEMENT MARKINGS AS REQUIRED.</li> <li>COMPLETE AND ACTIVATE ALL PERMANENT TRAFFIC SIGNAL INSTALLATIONS AND REMOVE TEMPORARY SIGNALS.</li> <li>REMOVE ALL CONFLICTING PAVEMENT MARKINGS, PLACE PERMANENT MARKINGS AND SIGNING, REMOVE ALL BARRICADES AND TEMPORARY TRAFFIC SIGNS.</li> <li>COMPLETE REMAINING LANDSCAPING AND CLEAN-UP WORK.</li> </ol>
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AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

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ORIGINAL SURVEY NOTE BOOK NO.	

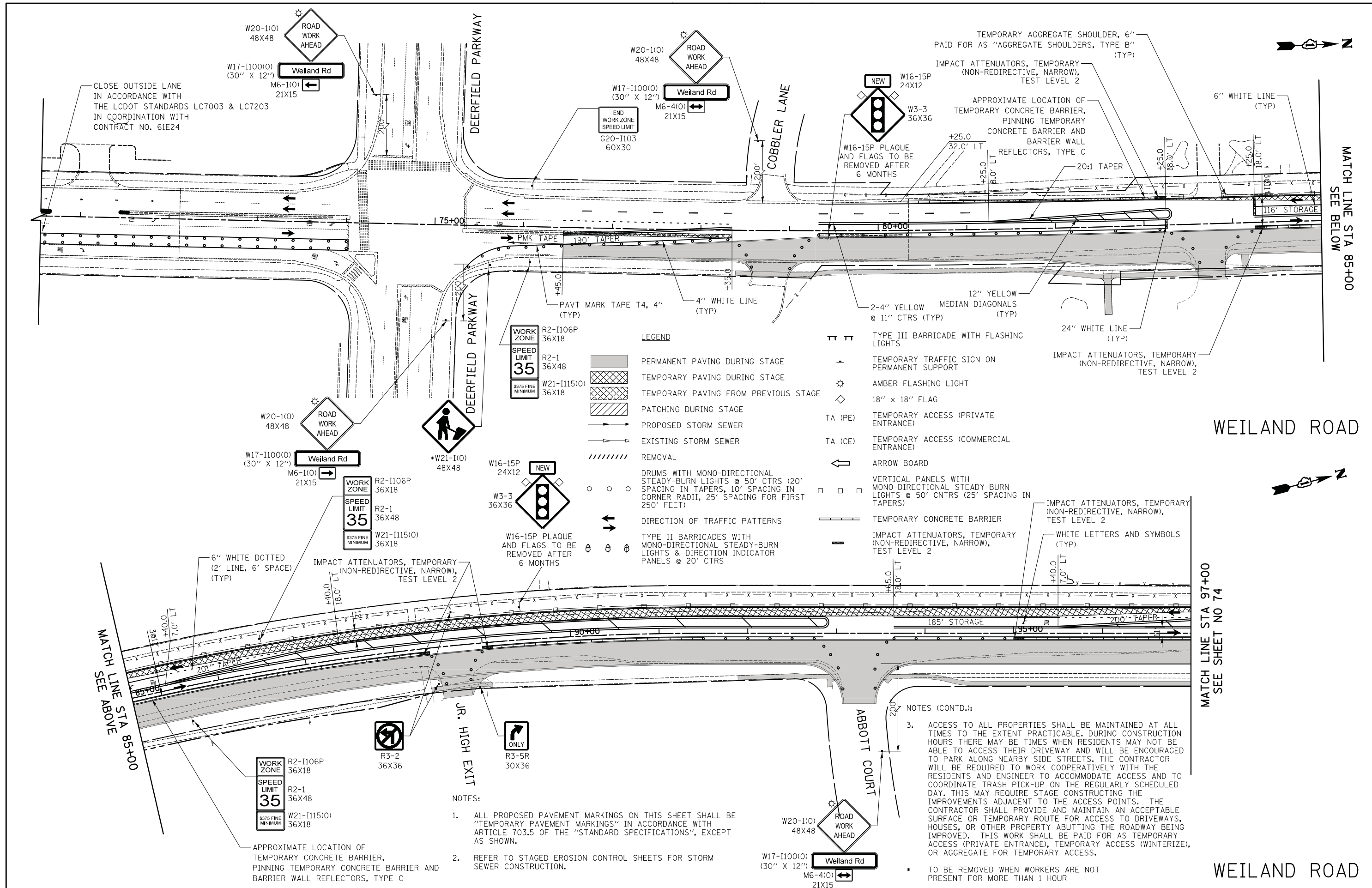
PROPOSED LEGEND

- 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-6.24
  - ⑤ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - ⑥ PROPOSED SIDEWALK
  - ⑦ PROPOSED BIKEPATH
  - ⑧ BARREL WITH STEADY-BURN LIGHT
  - ⑨ VERTICAL PANEL WITH STEADY-BURN LIGHT
  - ⑩ TEMPORARY CONCRETE BARRIER
  - ⑪ TEMPORARY PAVEMENT MARKING
  - ⑫ TEMPORARY PAVEMENT, 8" - PAID FOR AS "TEMPORARY PAVEMENT"
  - ⑬ TEMPORARY AGGREGATE SHOULDER, 6" - PAID FOR AS "AGGREGATE SHOULDERS, TYPE B"
-  PERMANENT CONSTRUCTION DURING STAGE (SEE STAGES OF CONSTRUCTION PLAN SHEETS)  
 TEMPORARY PAVEMENT WIDENING



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AREAS CHECKED	
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CLOSE OUTSIDE LANE IN ACCORDANCE WITH THE LCDOT STANDARDS LC7003 & LC7203 IN COORDINATION WITH CONTRACT NO. 61E24

TEMPORARY AGGREGATE SHOULDER, 6" PAID FOR AS "AGGREGATE SHOULDERS, TYPE B" (TYP)

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2

APPROXIMATE LOCATION OF TEMPORARY CONCRETE BARRIER, PINNING TEMPORARY CONCRETE BARRIER AND BARRIER WALL REFLECTORS, TYPE C

20:1 TAPER

12" YELLOW MEDIAN DIAGONALS (TYP)

24" WHITE LINE (TYP)

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2

**WORK ZONE**  
R2-1106P 36X18  
**SPEED LIMIT**  
35  
R2-1 36X48  
W21-1115(O) 36X18

**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
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- WHITE LETTERS AND SYMBOLS (TYP)

**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. REFER TO STAGED EROSION CONTROL SHEETS FOR STORM SEWER CONSTRUCTION.

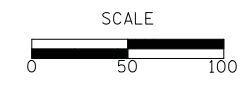
**NOTES (CONTD.):**

3. 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

**CIVILTECH**  
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www.civiltechinc.com

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DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**STAGES OF CONSTRUCTION - STAGE I**

SHEET NO. 1 OF 3 SHEETS STA. 73+00.0 TO STA. 92+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	73
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS   FED. AID PROJECT				











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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NOTE BOOK	
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LEGEND

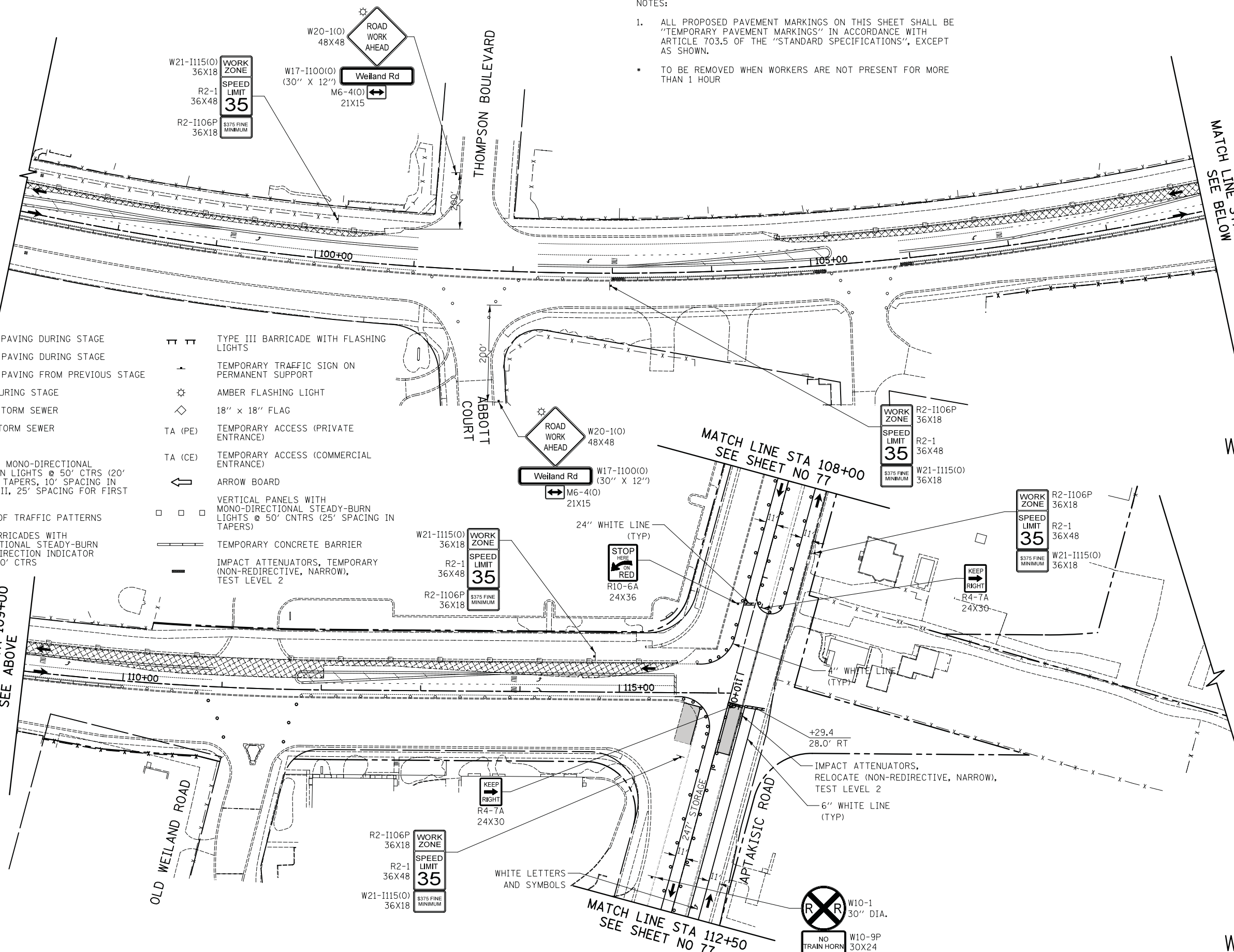
- PERMANENT PAVING DURING STAGE
- TEMPORARY PAVING DURING STAGE
- TEMPORARY PAVING FROM PREVIOUS STAGE
- PATCHING DURING STAGE
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- REMOVAL
- DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING 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

MATCH LINE STA 109+00  
SEE ABOVE

MATCH LINE STA 108+00  
SEE SHEET NO 77

MATCH LINE STA 112+50  
SEE SHEET NO 77

MATCH LINE STA 109+00  
SEE BELOW



WEILAND ROAD

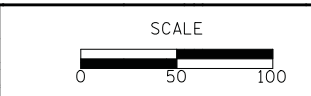
WEILAND ROAD



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DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 7/10/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



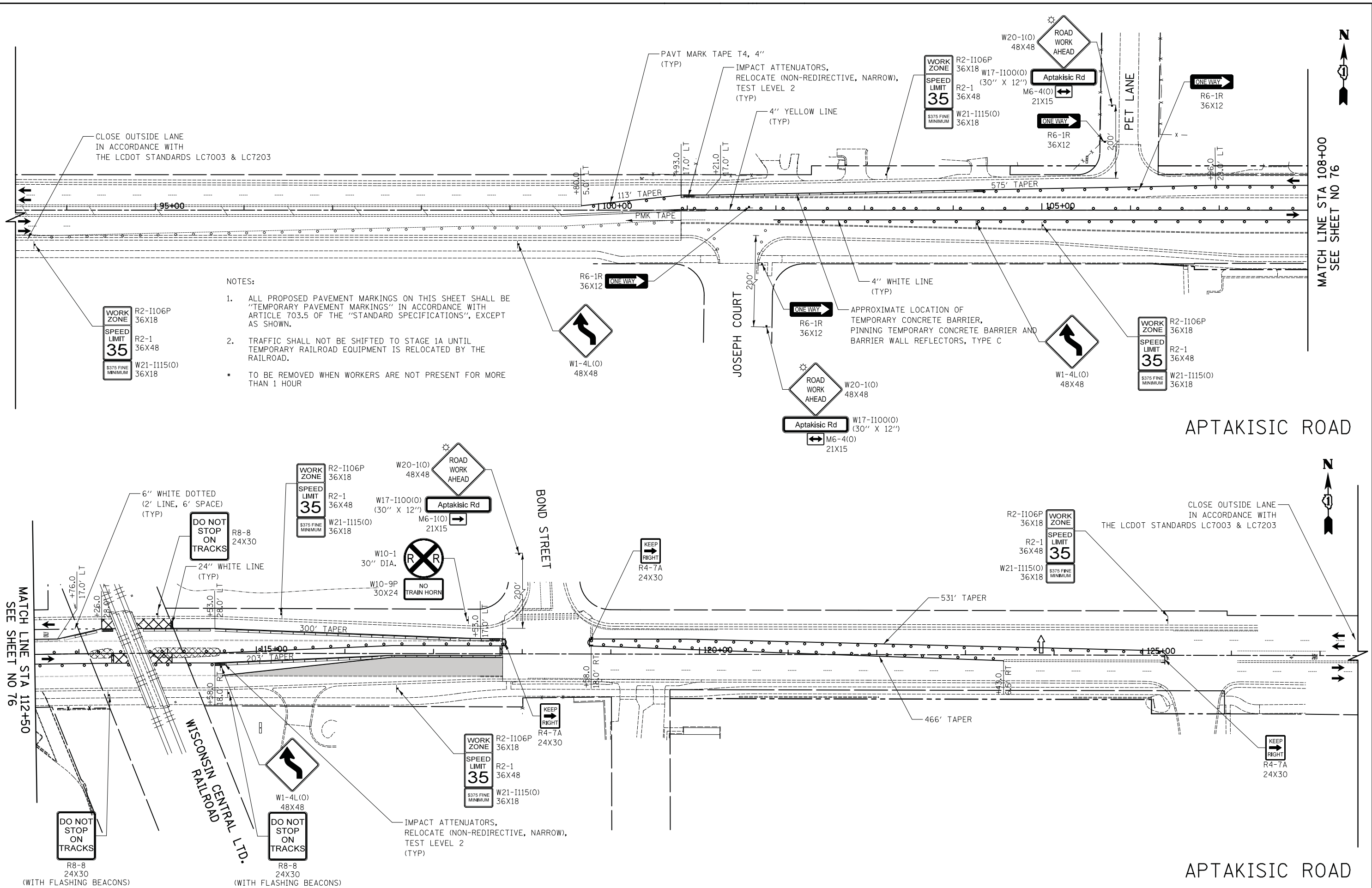
**STAGES OF CONSTRUCTION - STAGE IA**

SHEET NO. 1 OF 2 SHEETS    STA. 97+00.0 TO STA. 121+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	76
CONTRACT NO. 61F25				
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.	



- 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.
  - TRAFFIC SHALL NOT BE SHIFTED TO STAGE 1A UNTIL TEMPORARY RAILROAD EQUIPMENT IS RELOCATED BY THE RAILROAD.
- TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

WORK ZONE R2-I106P 36X18  
 SPEED LIMIT 35 R2-1 36X48  
 \$375 FINE MINIMUM W21-I115(O) 36X18

WORK ZONE R2-I106P 36X18  
 SPEED LIMIT 35 R2-1 36X48  
 \$375 FINE MINIMUM W21-I115(O) 36X18

WORK ZONE R2-I106P 36X18  
 SPEED LIMIT 35 R2-1 36X48  
 \$375 FINE MINIMUM W21-I115(O) 36X18

WORK ZONE R2-I106P 36X18  
 SPEED LIMIT 35 R2-1 36X48  
 \$375 FINE MINIMUM W21-I115(O) 36X18

WORK ZONE R2-I106P 36X18  
 SPEED LIMIT 35 R2-1 36X48  
 \$375 FINE MINIMUM W21-I115(O) 36X18

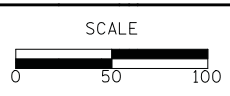
MATCH LINE STA 112+50  
 SEE SHEET NO 76

MATCH LINE STA 108+00  
 SEE SHEET NO 76

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**STAGES OF CONSTRUCTION - STAGE IA**

SHEET NO. 2 OF 2 SHEETS STA. 121+00.0 TO STA. 145+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	77
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

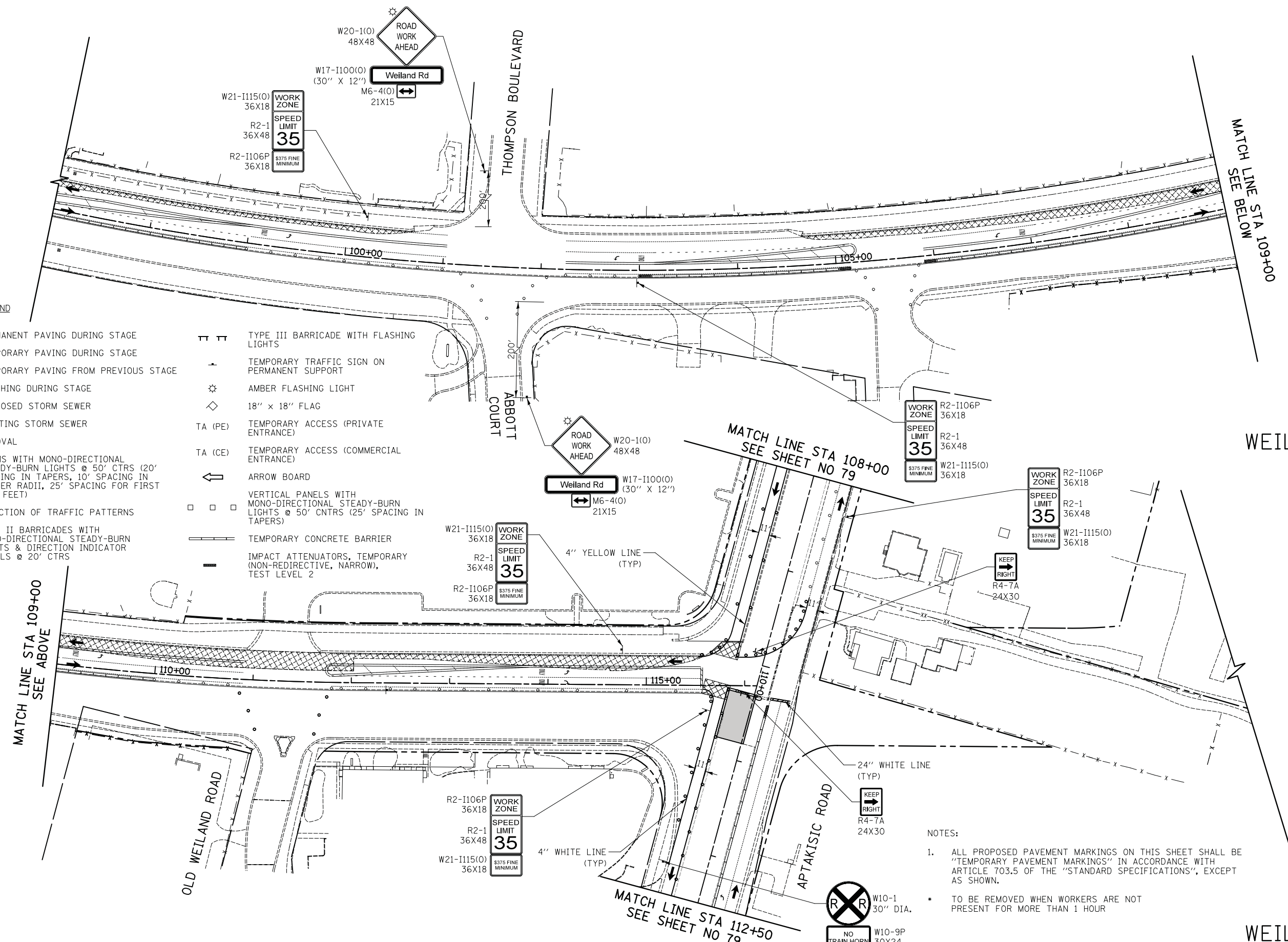


DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
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
- 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
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2



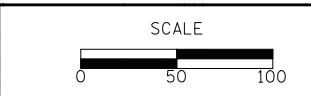
**NOTES:**

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DATE - 7/10/2019	REVISED -

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**STAGES OF CONSTRUCTION - STAGE IB**

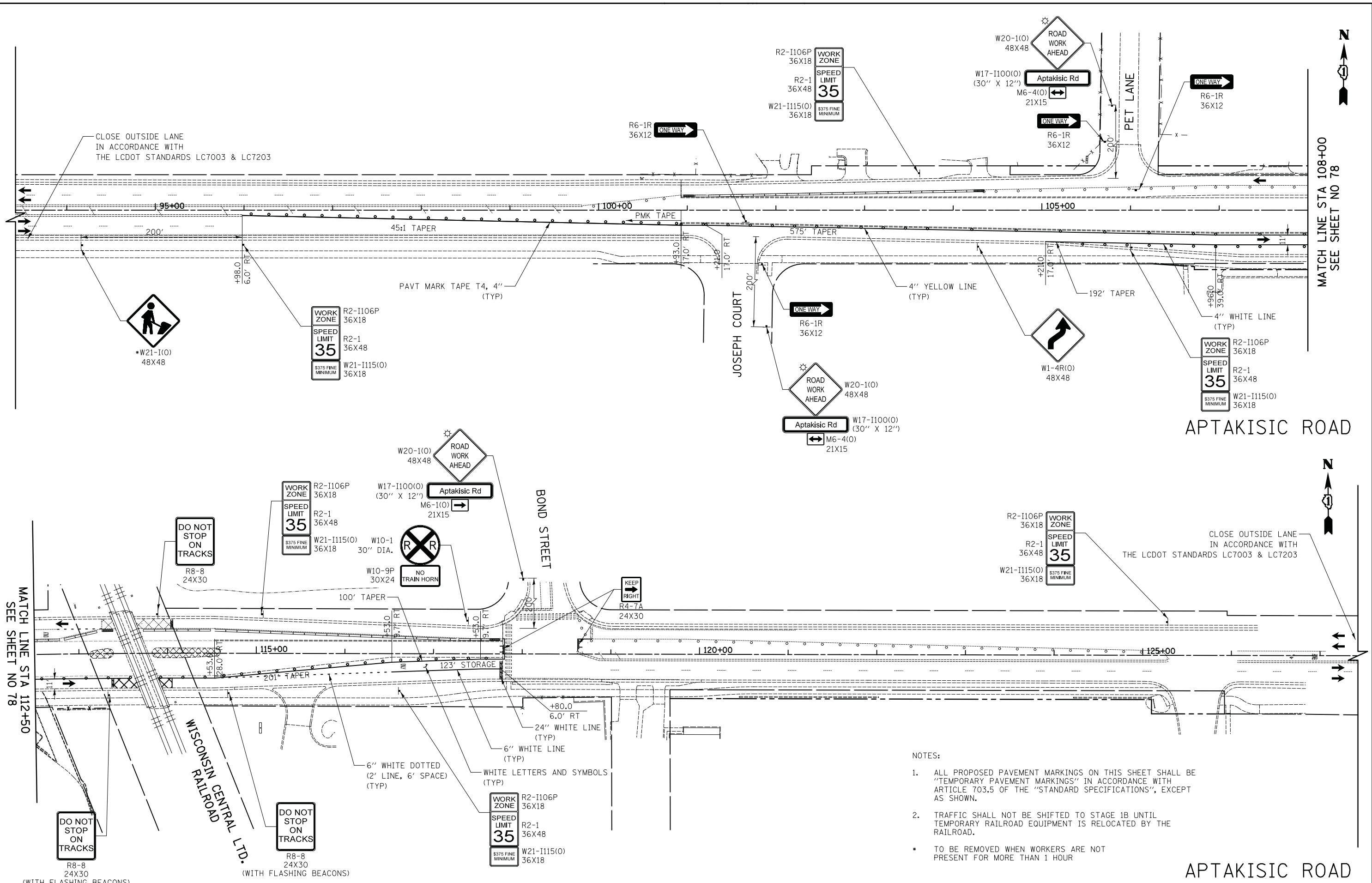
SHEET NO. 1 OF 2 SHEETS STA. 97+00.0 TO STA. 121+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	78
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

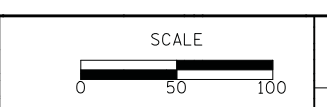


- NOTES:
- ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
  - TRAFFIC SHALL NOT BE SHIFTED TO STAGE 1B UNTIL TEMPORARY RAILROAD EQUIPMENT IS RELOCATED BY THE RAILROAD.
- TO BE REMOVED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

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**STATE OF ILLINOIS  
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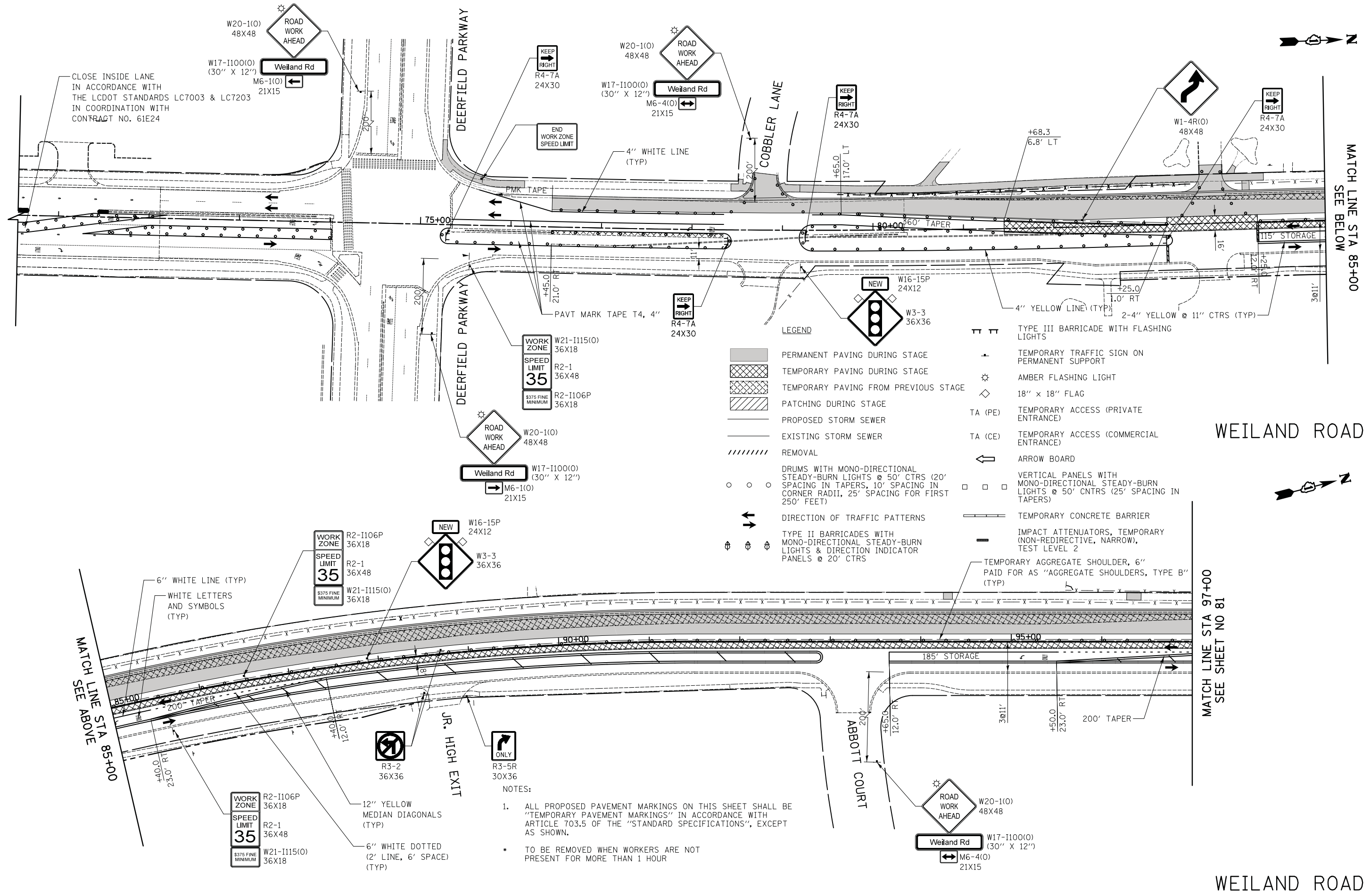
**STAGES OF CONSTRUCTION - STAGE 1B**

SHEET NO. 2 OF 2 SHEETS    STA. 121+00.0 TO STA. 145+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	79
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



**LEGEND**

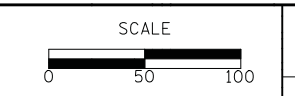
	PERMANENT PAVING DURING STAGE		TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY PAVING DURING STAGE		TEMPORARY TRAFFIC SIGN ON PERMANENT SUPPORT
	TEMPORARY PAVING FROM PREVIOUS STAGE		AMBER FLASHING LIGHT
	PATCHING DURING STAGE		18" x 18" FLAG
	PROPOSED STORM SEWER		TEMPORARY ACCESS (PRIVATE ENTRANCE)
	EXISTING STORM SEWER		TEMPORARY ACCESS (COMMERCIAL ENTRANCE)
	REMOVAL		ARROW BOARD
	DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING IN CORNER RADII, 25' SPACING FOR FIRST 250' FEET)		VERTICAL PANELS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CNTRS (25' SPACING IN TAPERS)
	DIRECTION OF TRAFFIC PATTERNS		TEMPORARY CONCRETE BARRIER
	TYPE II BARRICADES WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS & DIRECTION INDICATOR PANELS @ 20' CTRS		IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
	TEMPORARY AGGREGATE SHOULDER, 6" PAID FOR AS "AGGREGATE SHOULDERS, TYPE B" (TYP)		

- NOTES:**
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**DEPARTMENT OF TRANSPORTATION**



**STAGES OF CONSTRUCTION - STAGE II**

SHEET NO. 1 OF 3 SHEETS STA. 73+00.0 TO STA. 92+00.0

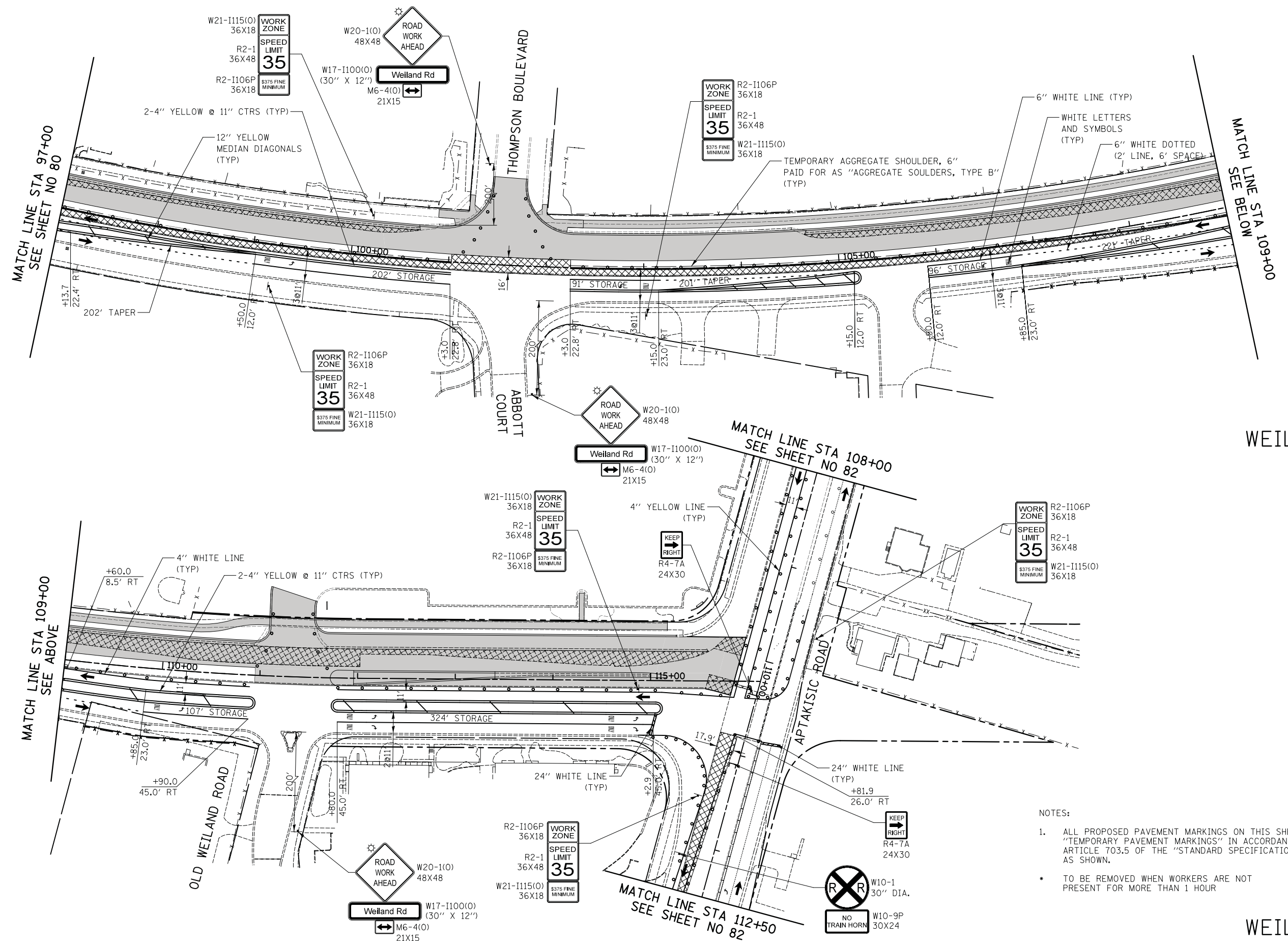
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	80
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



WEILAND ROAD



WEILAND ROAD

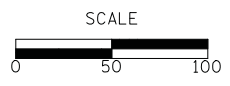
- NOTES:
- ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
  - TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

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 DRAWN - PK  
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 DATE - 7/10/2019

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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



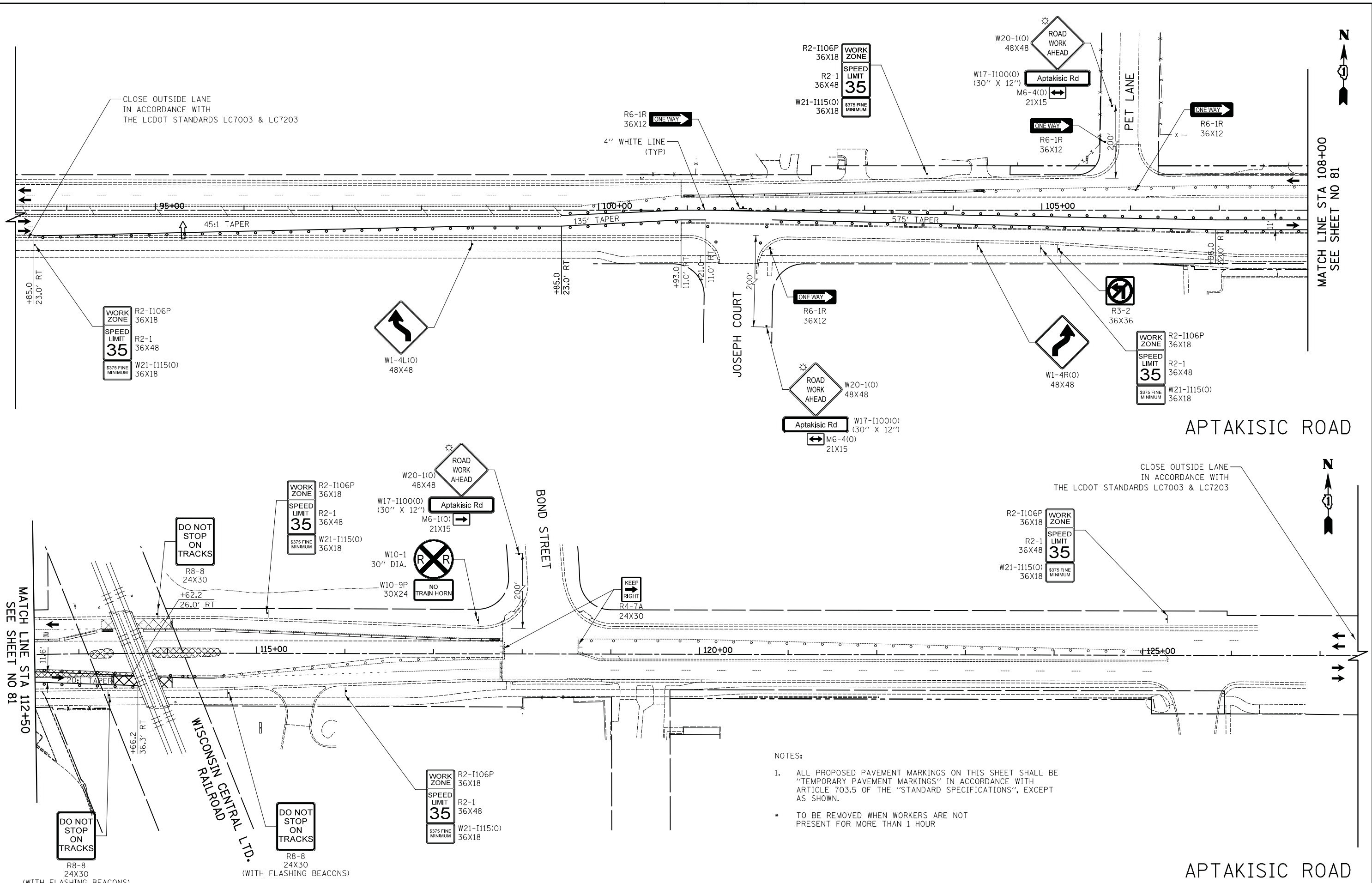
**STAGES OF CONSTRUCTION - STAGE II**

SHEET NO. 2 OF 3 SHEETS STA. 97+00.0 TO STA. 121+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	81
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



CLOSE OUTSIDE LANE  
IN ACCORDANCE WITH  
THE LCDOT STANDARDS LC7003 & LC7203

CLOSE OUTSIDE LANE  
IN ACCORDANCE WITH  
THE LCDOT STANDARDS LC7003 & LC7203

- 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

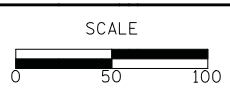
MATCH LINE STA 112+50  
SEE SHEET NO 81

MATCH LINE STA 108+00  
SEE SHEET NO 81

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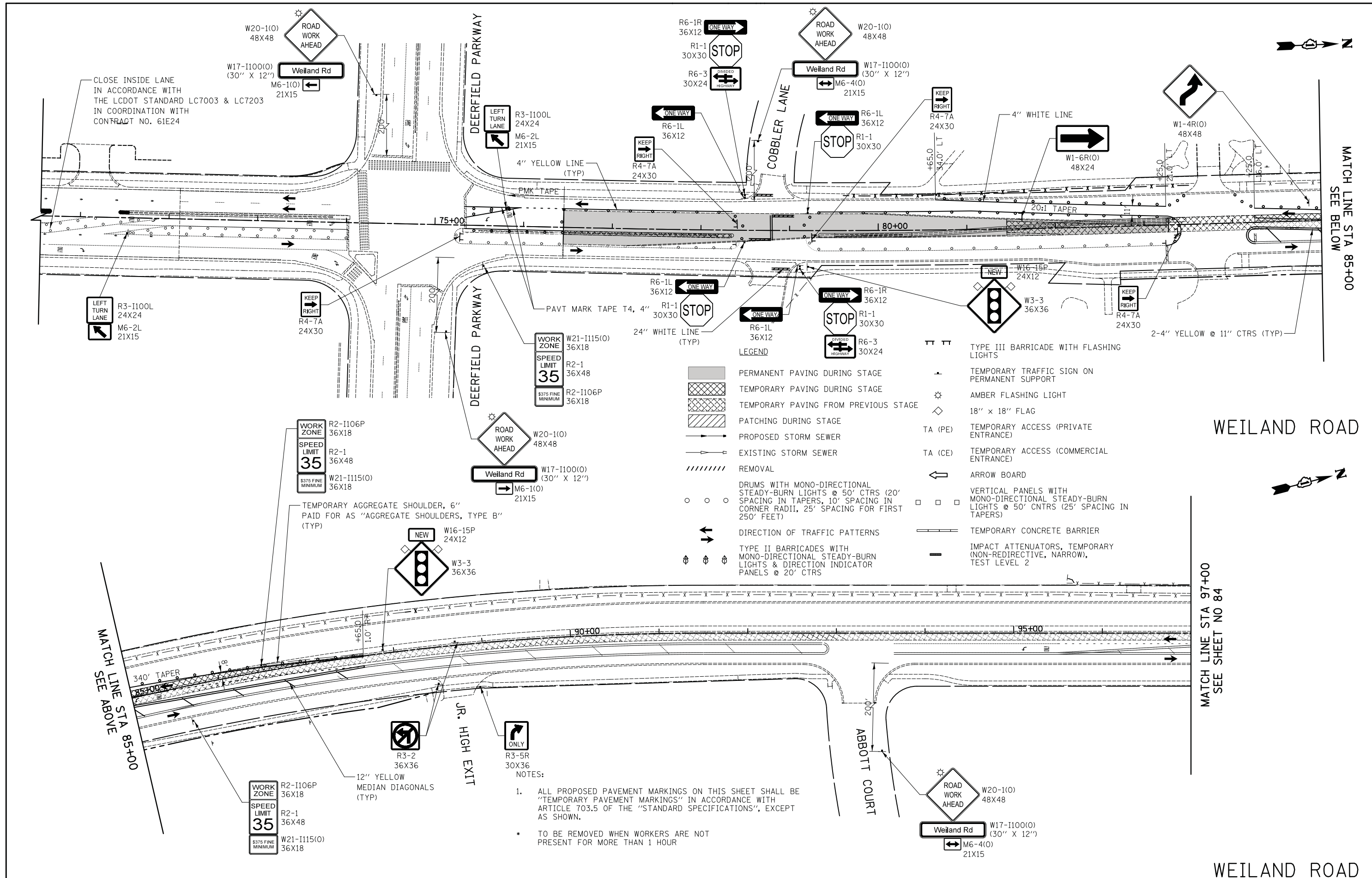
**STAGES OF CONSTRUCTION - STAGE II**

SHEET NO. 3 OF 3 SHEETS STA. 100+93.0 TO STA. 126+03.9

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	82
CONTRACT NO. 61F25				
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.	



CLOSE INSIDE LANE IN ACCORDANCE WITH THE LCDOT STANDARD LC7003 & LC7203 IN COORDINATION WITH CONTRACT NO. 61E24

**WORK ZONE**  
W21-1115(O)  
36X18

**SPEED LIMIT**  
35  
36X48

**S375 FINE MINIMUM**  
R2-1106P  
36X18

**WORK ZONE**  
R2-1106P  
36X18

**SPEED LIMIT**  
35  
36X48

**S375 FINE MINIMUM**  
W21-1115(O)  
36X18

**WORK ZONE**  
R2-1106P  
36X18

**SPEED LIMIT**  
35  
36X48

**S375 FINE MINIMUM**  
W21-1115(O)  
36X18

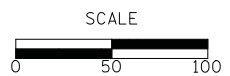
- LEGEND**
- PERMANENT PAVING DURING STAGE
  - TEMPORARY PAVING DURING STAGE
  - TEMPORARY PAVING FROM PREVIOUS STAGE
  - PATCHING DURING STAGE
  - PROPOSED STORM SEWER
  - EXISTING STORM SEWER
  - REMOVAL
  - DRUMS WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS @ 50' CTRS (20' SPACING IN TAPERS, 10' SPACING 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
  - IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2

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

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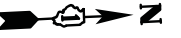


**STAGES OF CONSTRUCTION - STAGE IIA**

SHEET NO. 1 OF 3 SHEETS STA. 73+00.0 TO STA. 92+00.0

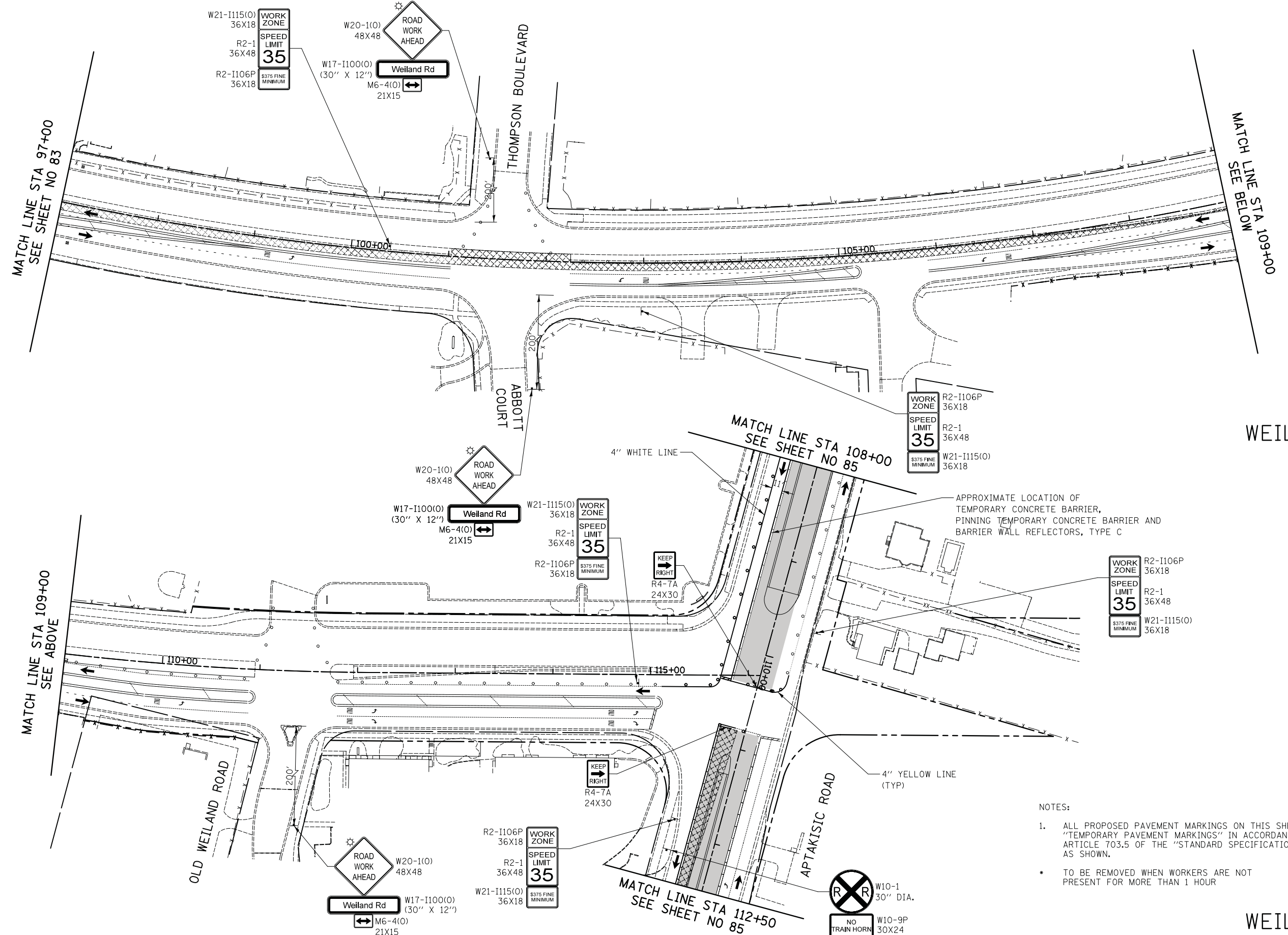
F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	83
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





DATE	
BY	
FINISHED SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



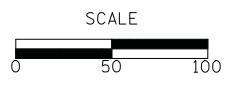
APPROXIMATE LOCATION OF TEMPORARY CONCRETE BARRIER, PINNING TEMPORARY CONCRETE BARRIER AND BARRIER WALL REFLECTORS, TYPE C

- NOTES:
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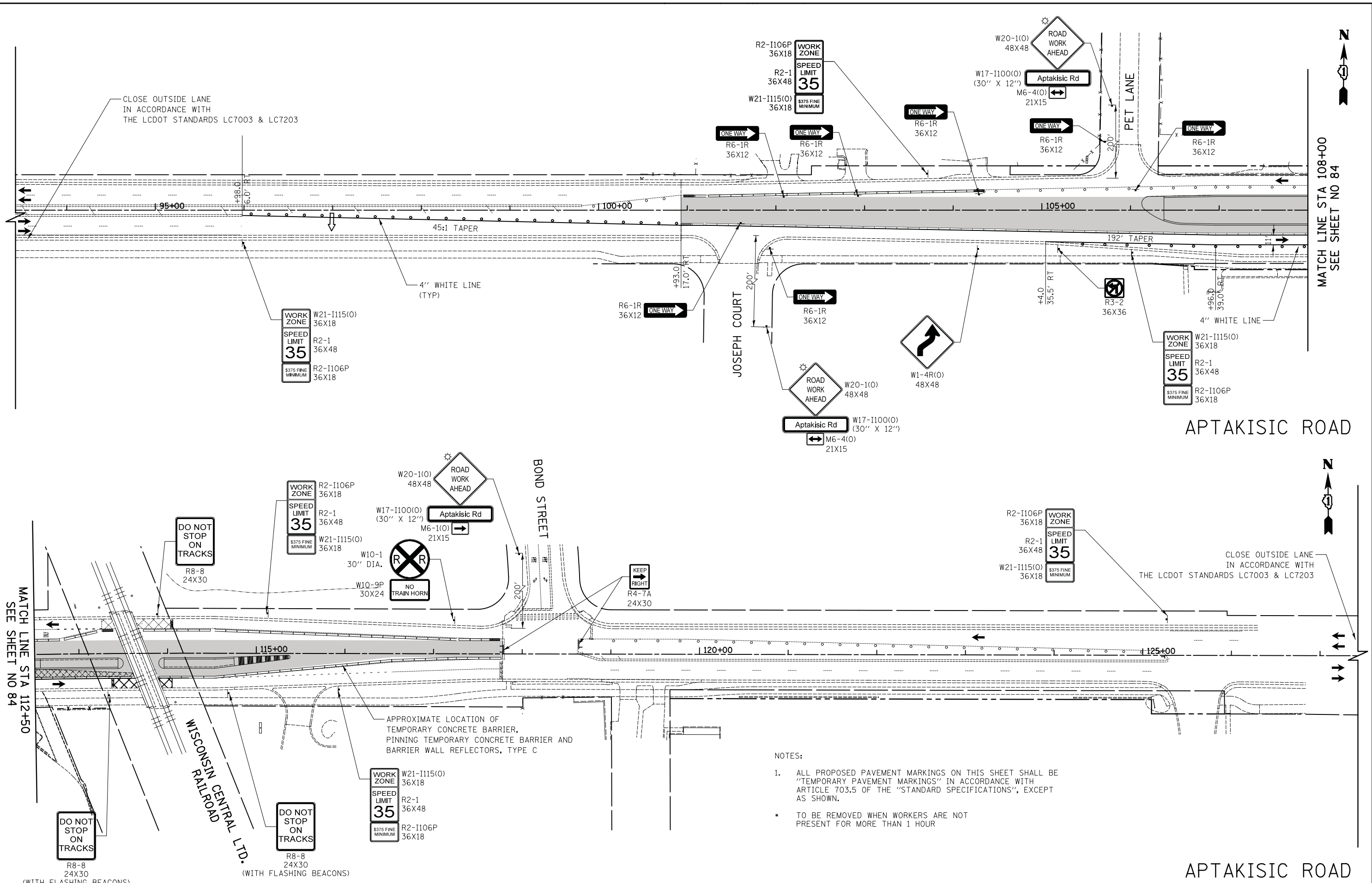
**STAGES OF CONSTRUCTION - STAGE IIA**

SHEET NO. 2 OF 3 SHEETS STA. 97+00.0 TO STA. 121+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	84
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

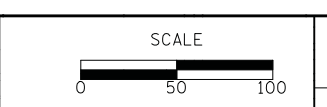


- NOTES:
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  - TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

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CHECKED -	JRV	REVISED -	
DATE -	7/10/2019	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



**STAGES OF CONSTRUCTION - STAGE IIA**

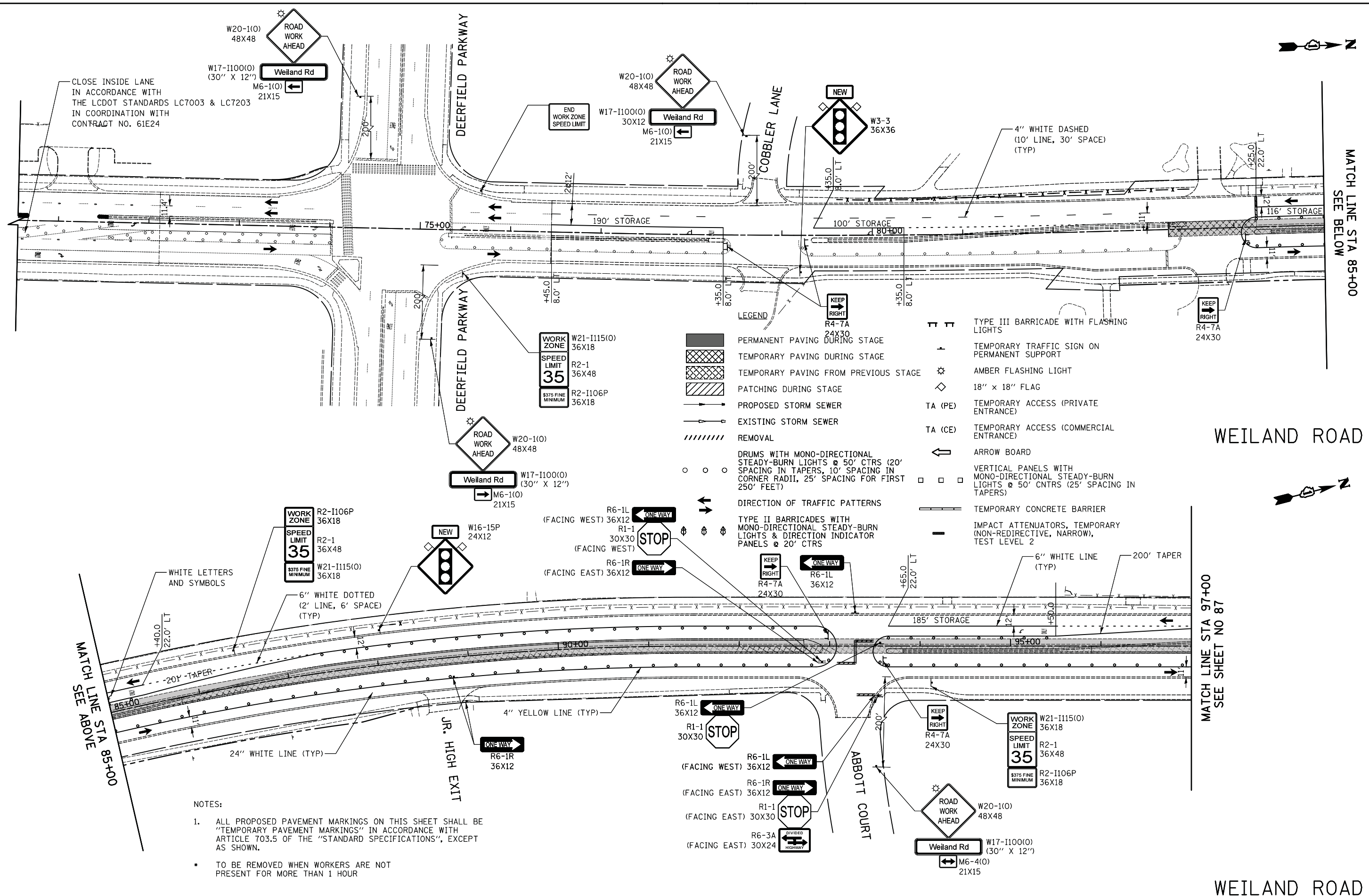
SHEET NO. 3 OF 3 SHEETS STA. 100+93.0 TO STA. 126+03.9

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	85
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



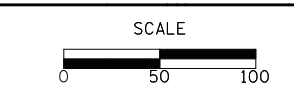
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NOTE BOOK	
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NOTE BOOK	
AREAS CHECKED	
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- NOTES:
- ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE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

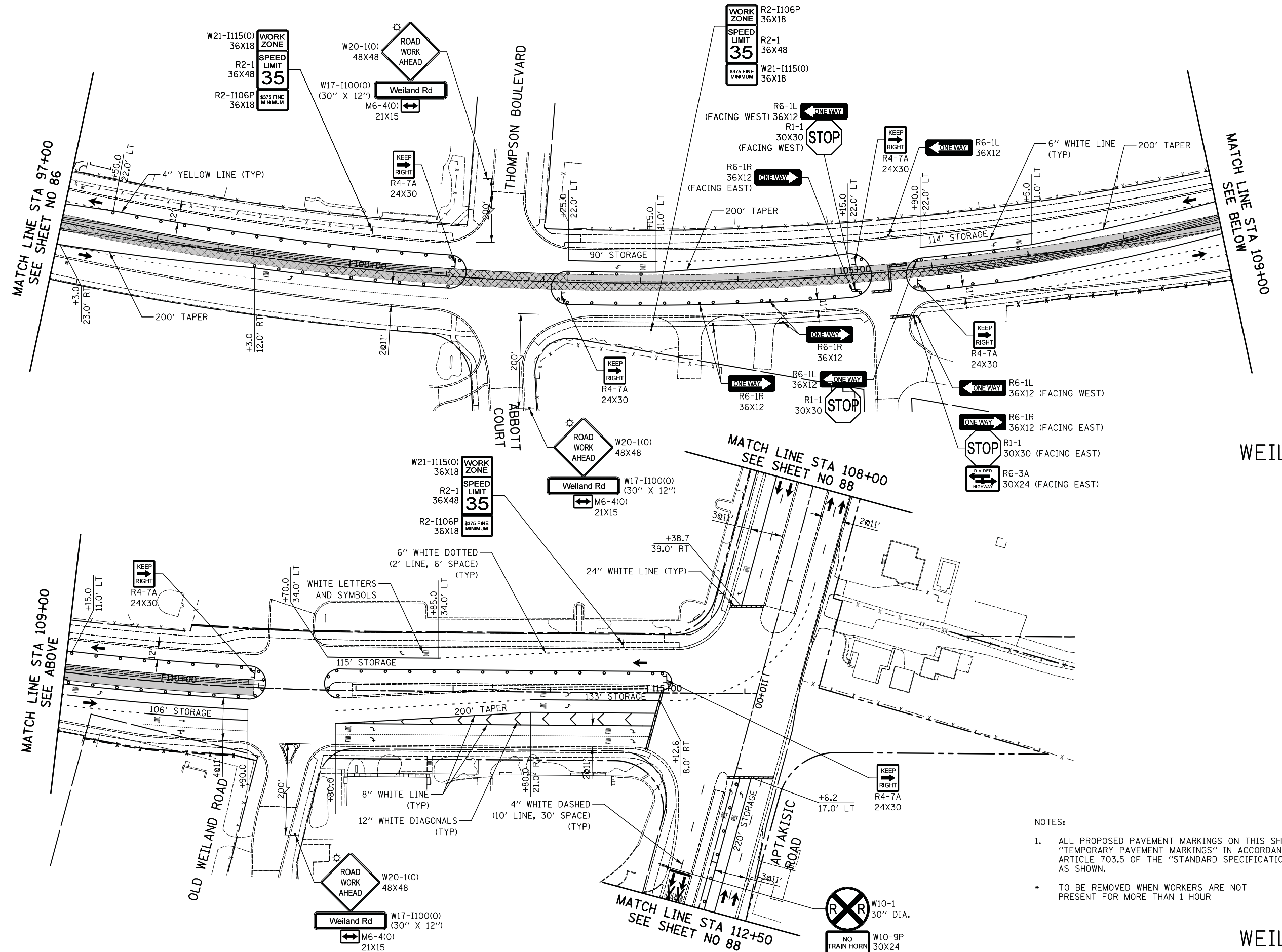
DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - JRV	REVISED -
DATE - 7/10/2019	REVISED -



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	86
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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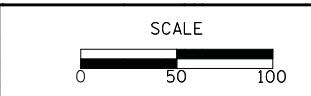


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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



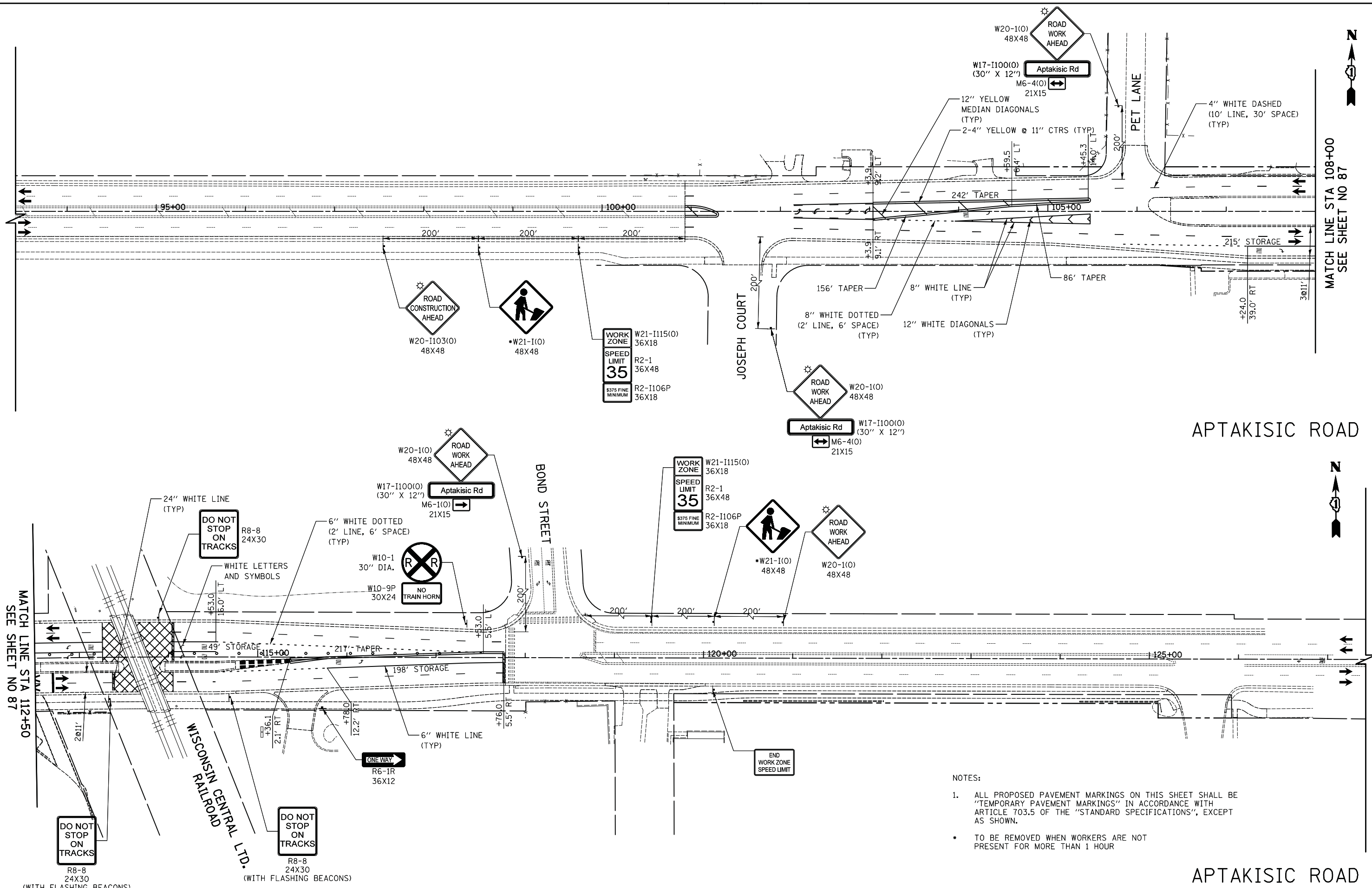
**STAGES OF CONSTRUCTION - STAGE III**

SHEET NO. 2 OF 3 SHEETS STA. 97+00.0 TO STA. 121+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	87
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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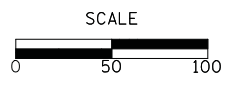


- NOTES:
- ALL PROPOSED PAVEMENT MARKINGS ON THIS SHEET SHALL BE "TEMPORARY PAVEMENT MARKINGS" IN ACCORDANCE WITH ARTICLE 703.5 OF THE "STANDARD SPECIFICATIONS", EXCEPT AS SHOWN.
  - TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN 1 HOUR

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



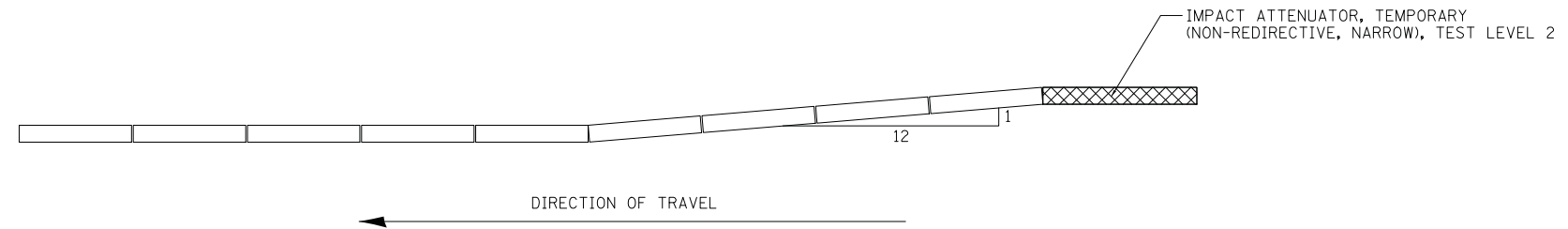
**STAGES OF CONSTRUCTION - STAGE III**

SHEET NO. 3 OF 3 SHEETS STA. 100+93.0 TO STA. 126+03.9

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	88
				CONTRACT NO. 61F25
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINIAL 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**



# EROSION CONTROL PLAN

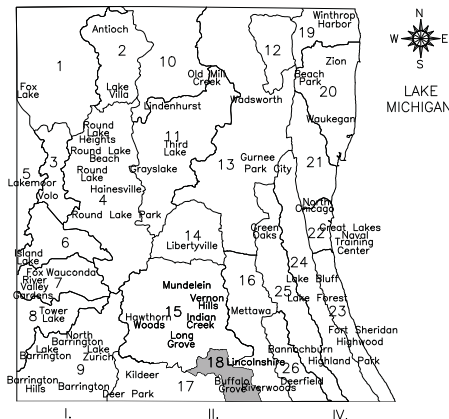
THIS PROJECT DISTURBS 16.4 ACRES OF TOTAL LAND AREA. COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT IS ONLY NECESSARY IF A PROJECT DISTURBS 1.0 OR MORE ACRES OF TOTAL LAND AREA; AN NPDES PERMIT IS REQUIRED FOR THIS PROJECT.

## SEDIMENTATION AND EROSION CONTROL NOTES

- 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 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".

## 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. Stocum 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



## 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.

## ESTIMATED QUANTITIES

3,375 FEET	PERIMETER EROSION BARRIER
56 FEET	TEMPORARY DITCH CHECKS
67 FEET	TEMPORARY DITCH CHECKS (SPECIAL) (AKA - PERMEABLE PLASTIC BERMS)
128 EACH	INLET FILTERS
21 EACH	TREE PROTECTION AND PRESERVATION
506 POUNDS	TEMPORARY EROSION CONTROL SEEDING
24,039 SQ YD	TEMPORARY EROSION CONTROL BLANKET
250 SQ YD	EROSION CONTROL MAT (AKA - TEMPORARY HEAVY DUTY EROSION CONTROL BLANKET)
150 EACH	FLOCCULATION LOGS
5 POUNDS	FLOCCULATION POWDER
8,817 FEET	TEMPORARY FENCE
11 TONS	STONE RIPRAP, CLASS A3
24 SQ YD	FILTER FABRIC

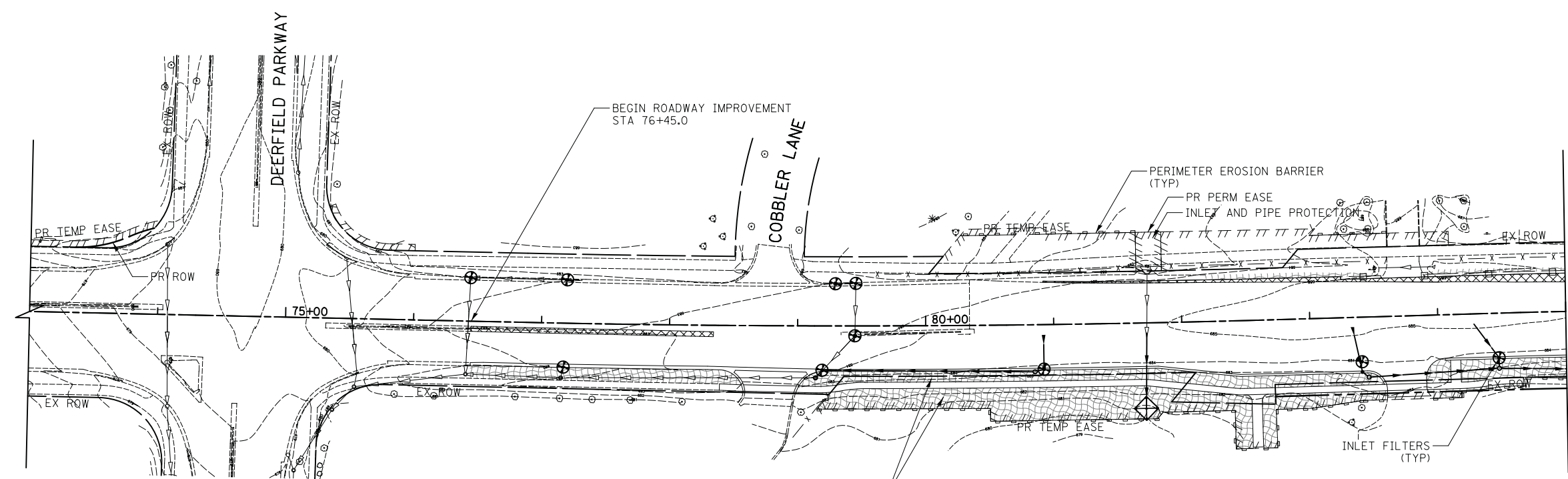
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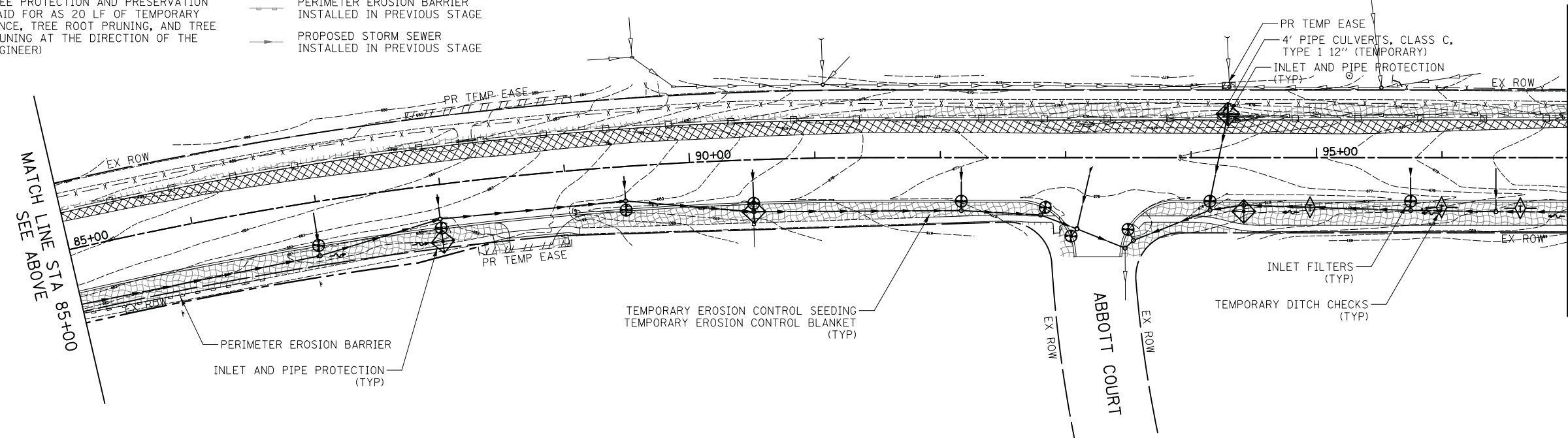
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MATCH LINE STA 85+00  
SEE BELOW

**LEGEND**

- TEMPORARY DITCH CHECKS
- 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
- 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 20 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)



MATCH LINE STA 97+00  
SEE SHEET NO 92

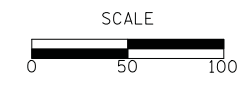
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WEILAND ROAD

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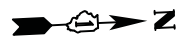
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



**EROSION CONTROL PLANS - STAGE I**

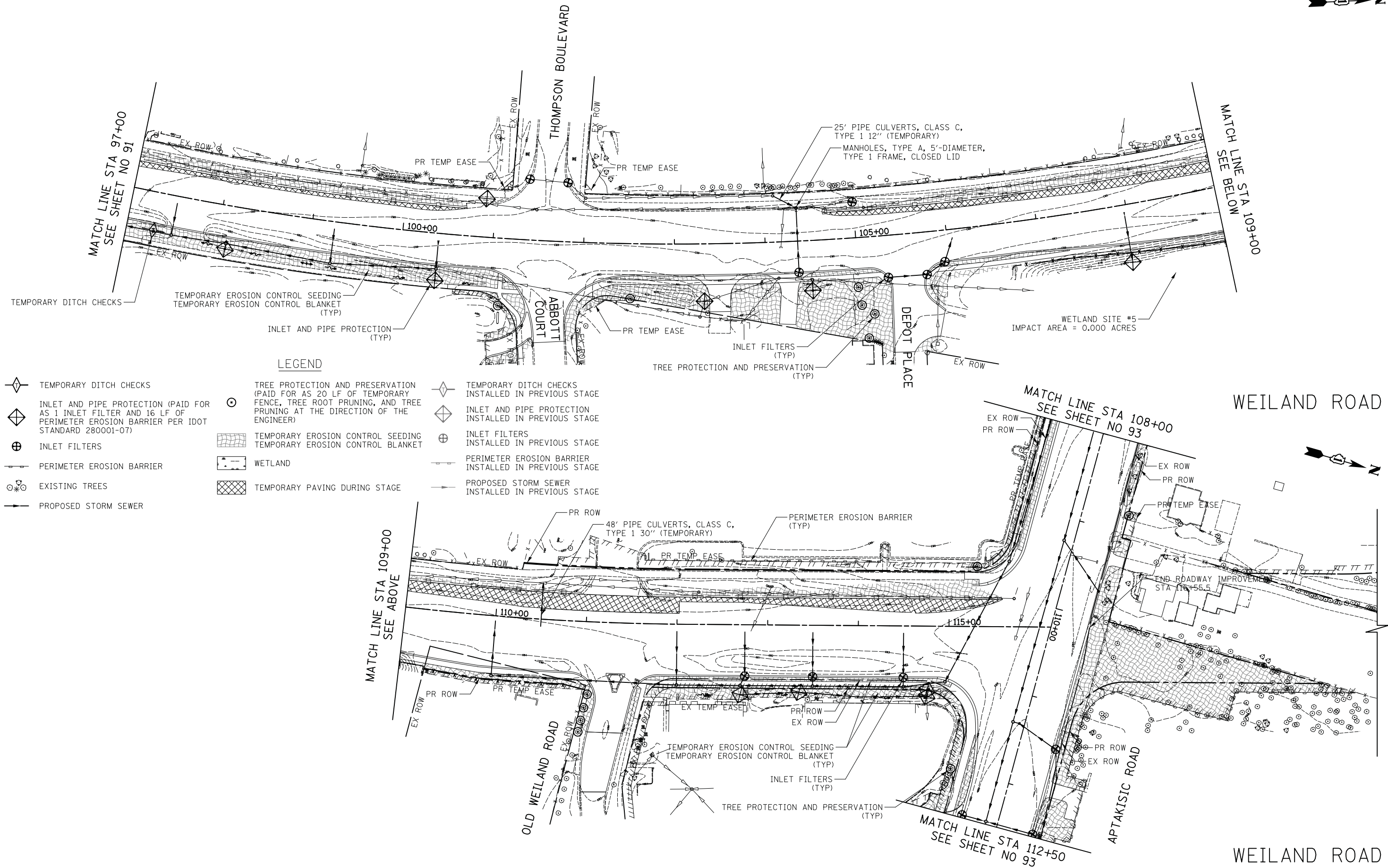
SHEET NO. 1 OF 3 SHEETS STA. 73+00.0 TO STA. 97+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	91
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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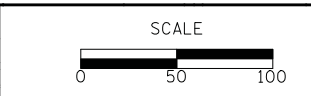
**LEGEND**

- 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 20 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 - 6/10/2019	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**



















**EROSION CONTROL PLANS - STAGE I**

SHEET NO. 2 OF 3 SHEETS STA. 97+00.0 TO STA. 121+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	92
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

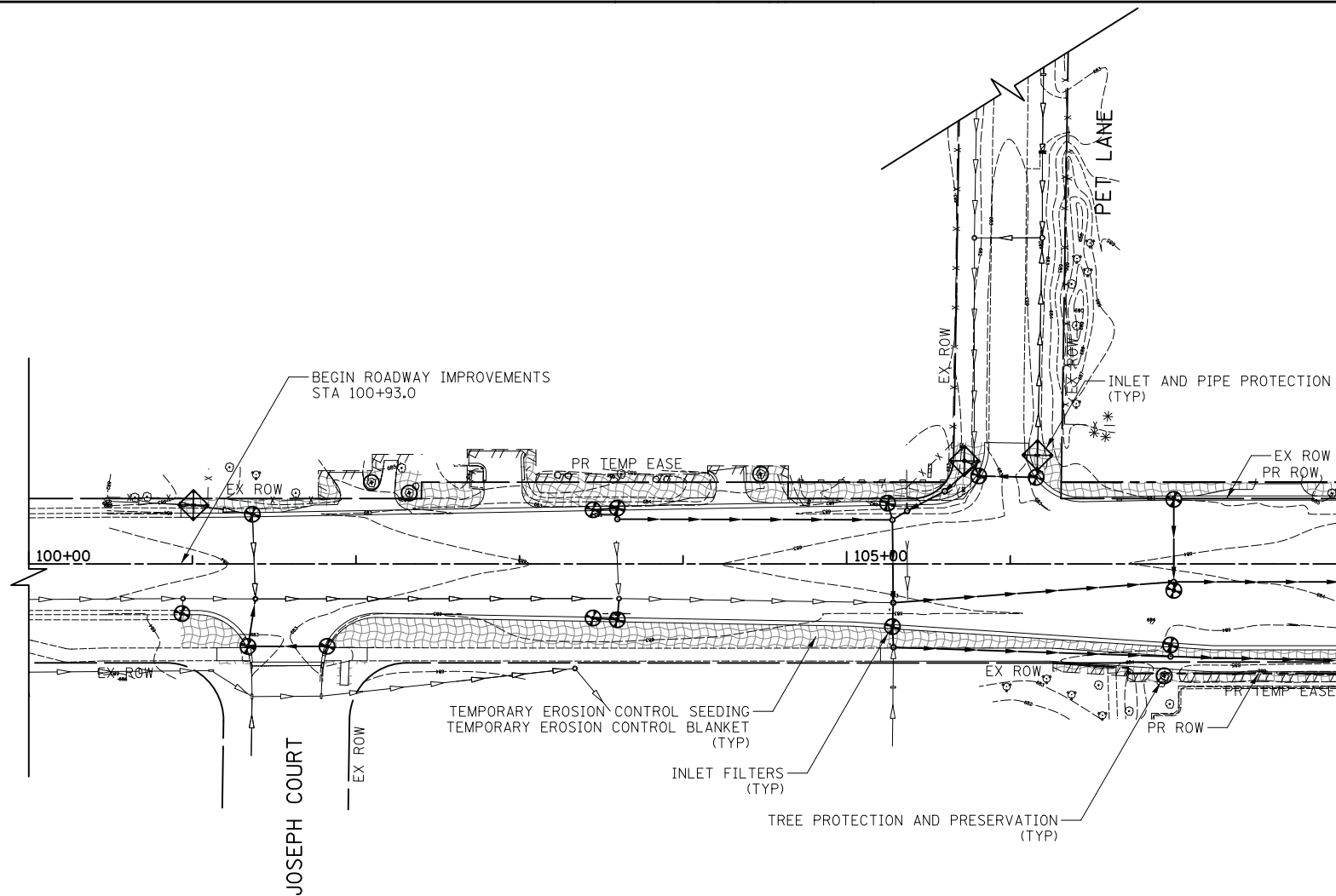


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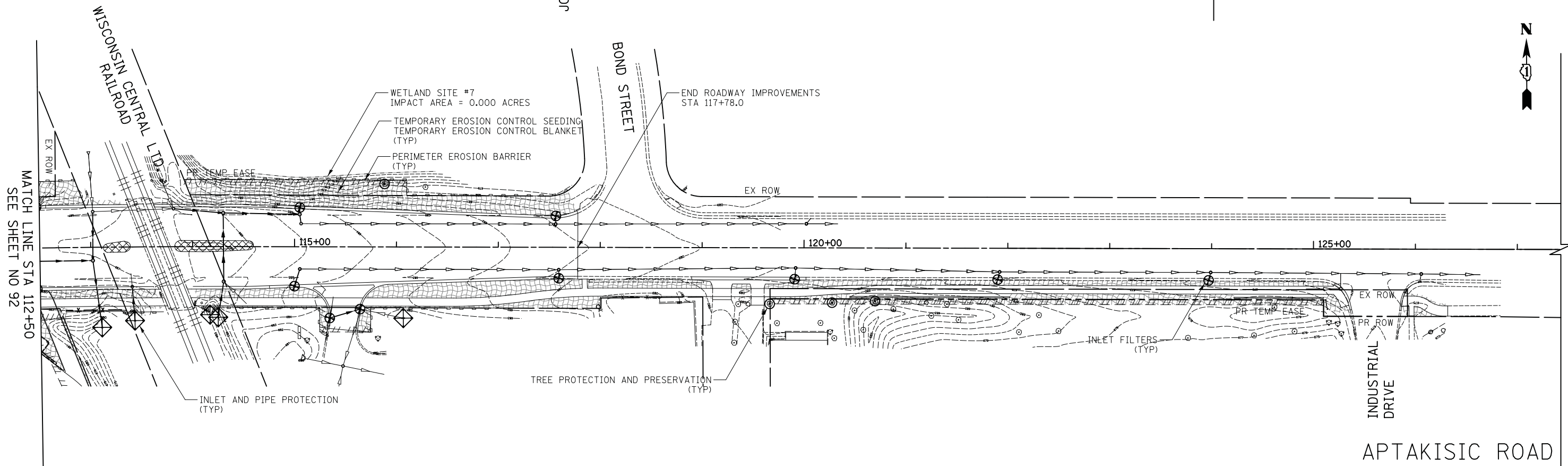
-  TEMPORARY DITCH CHECKS
-  INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
-  INLET FILTERS
-  PERIMETER EROSION BARRIER
-  EXISTING TREES
-  PROPOSED STORM SEWER
-  TREE PROTECTION AND PRESERVATION (PAID FOR AS 20 LF OF TEMPORARY 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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MATCH LINE STA 108+00  
SEE SHEET NO 92

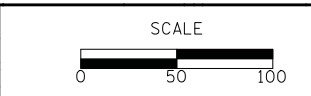


MATCH LINE STA 112+50  
SEE SHEET NO 92

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



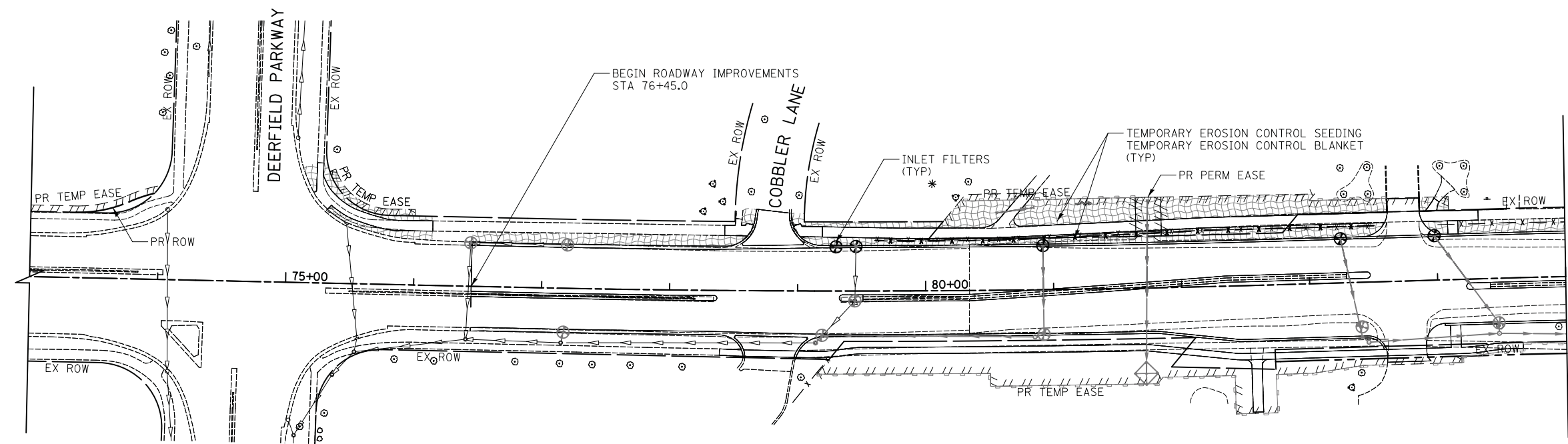
**EROSION CONTROL PLANS - STAGE I**  
SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	93
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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NOTE BOOK	
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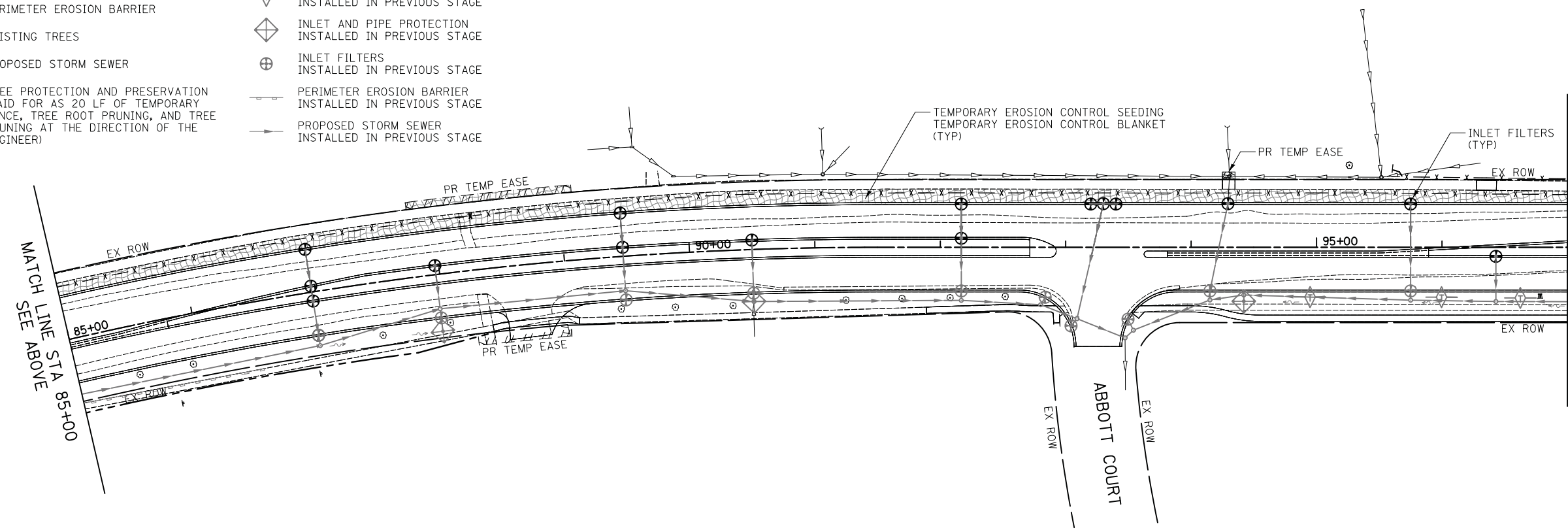
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TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



MATCH LINE STA 85+00  
SEE BELOW

LEGEND

- TEMPORARY DITCH CHECKS
- TEMPORARY EROSION CONTROL SEEDING  
TEMPORARY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- WETLAND
- INLET FILTERS
- TEMPORARY PAVING DURING STAGE
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
- INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
- EXISTING TREES
- INLET FILTERS INSTALLED IN PREVIOUS STAGE
- PROPOSED STORM SEWER
- PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
- TREE PROTECTION AND PRESERVATION (PAID FOR AS 20 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
- PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE



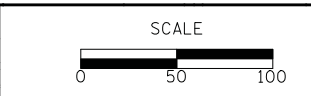
MATCH LINE STA 85+00  
SEE ABOVE

MATCH LINE STA 97+00  
SEE SHEET NO 95

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DATE - 6/10/2019	REVISED -

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DEPARTMENT OF TRANSPORTATION**



**EROSION CONTROL PLANS - STAGE II**

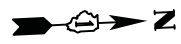
SHEET NO. 1 OF 3 SHEETS STA. 73+00.0 TO STA. 97+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	94
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

WEILAND ROAD

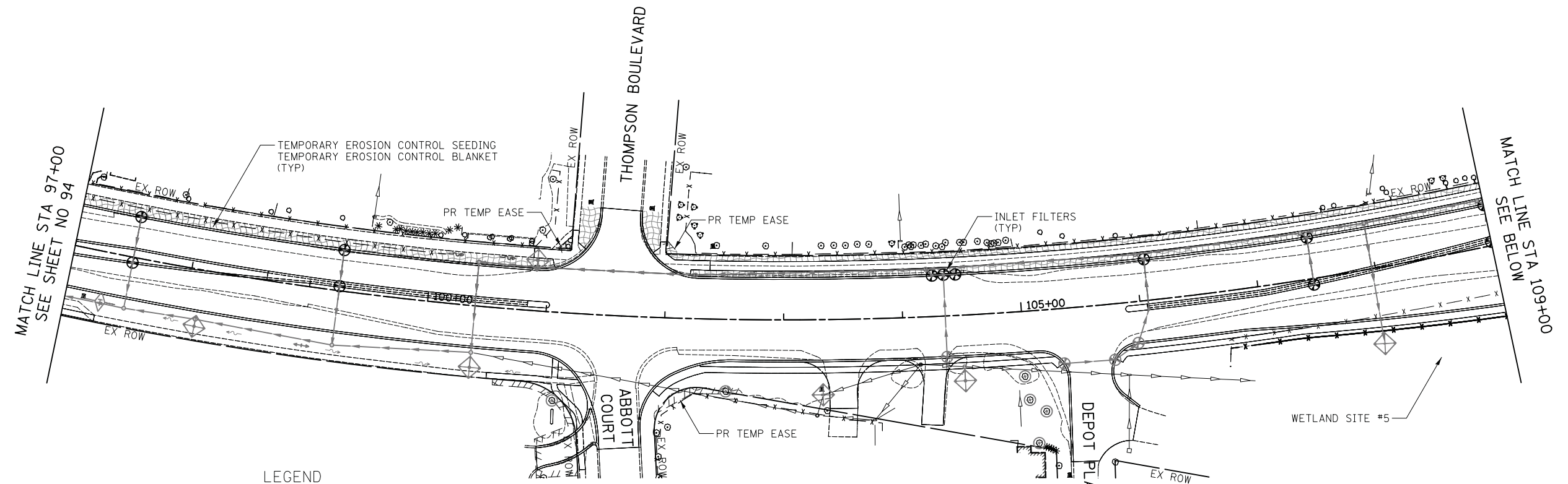
WEILAND ROAD





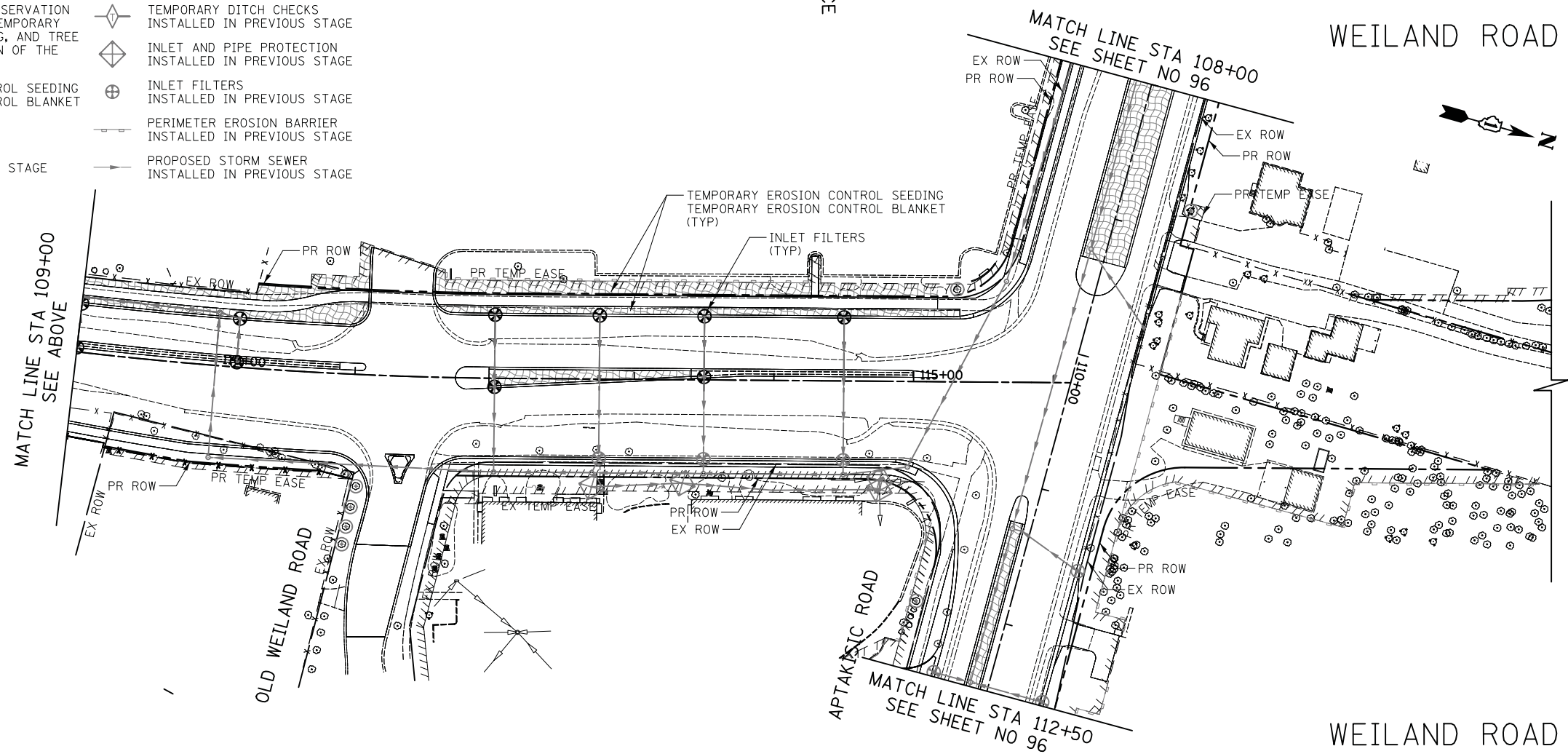
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**LEGEND**

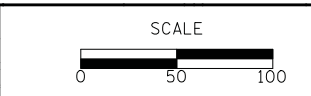
- ◇ TEMPORARY DITCH CHECKS
- ◇ INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- ⊕ INLET FILTERS
- PERIMETER EROSION BARRIER
- ⊙ EXISTING TREES
- PROPOSED STORM SEWER
- ⊙ TREE PROTECTION AND PRESERVATION (PAID FOR AS 20 LF OF TEMPORARY 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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**DEPARTMENT OF TRANSPORTATION**



**EROSION CONTROL PLANS - STAGE II**  
 SHEET NO. 2 OF 3 SHEETS STA. 97+00.0 TO STA. 121+00.0

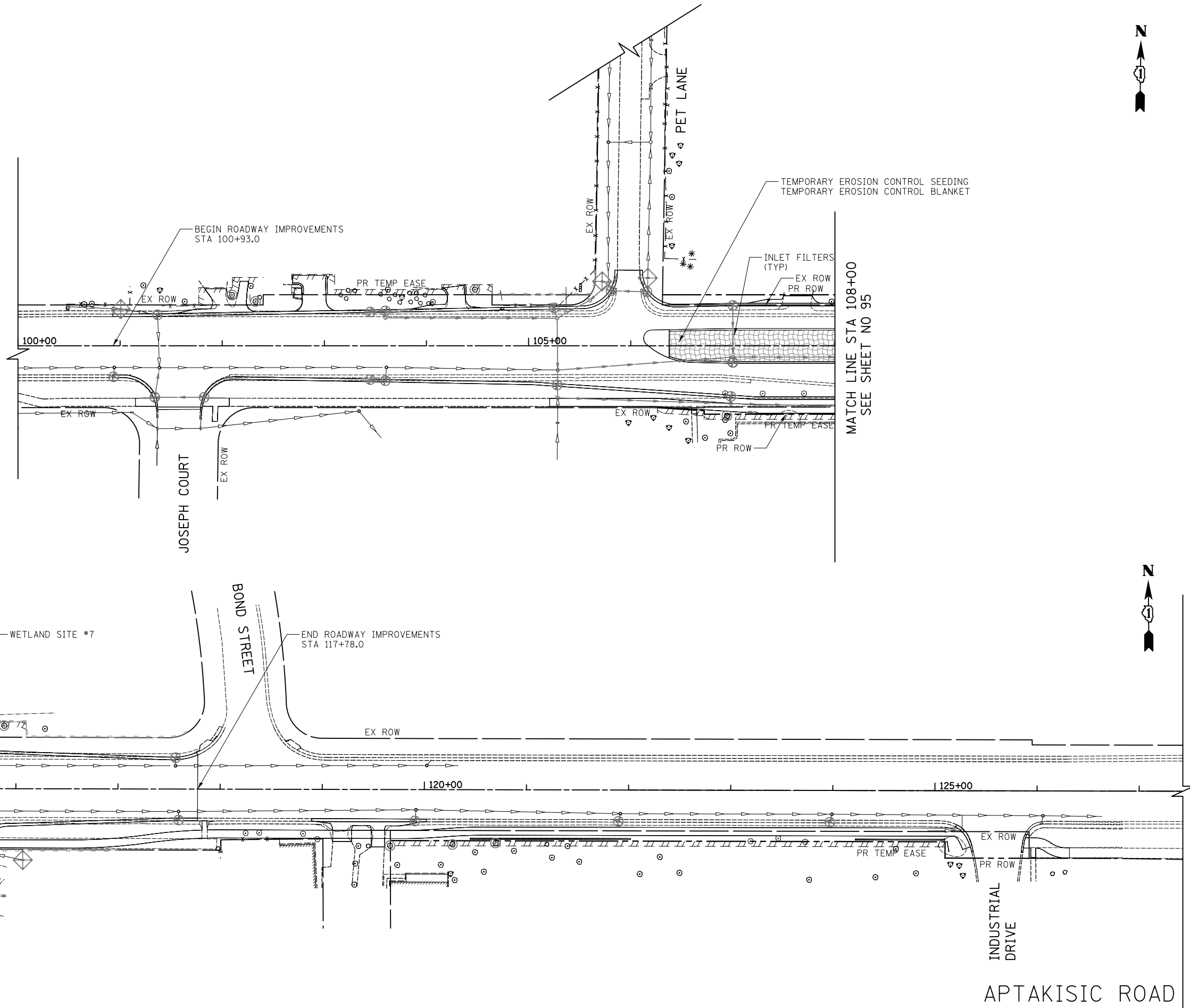
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	95
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**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 20 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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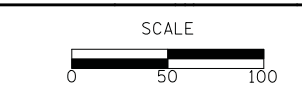
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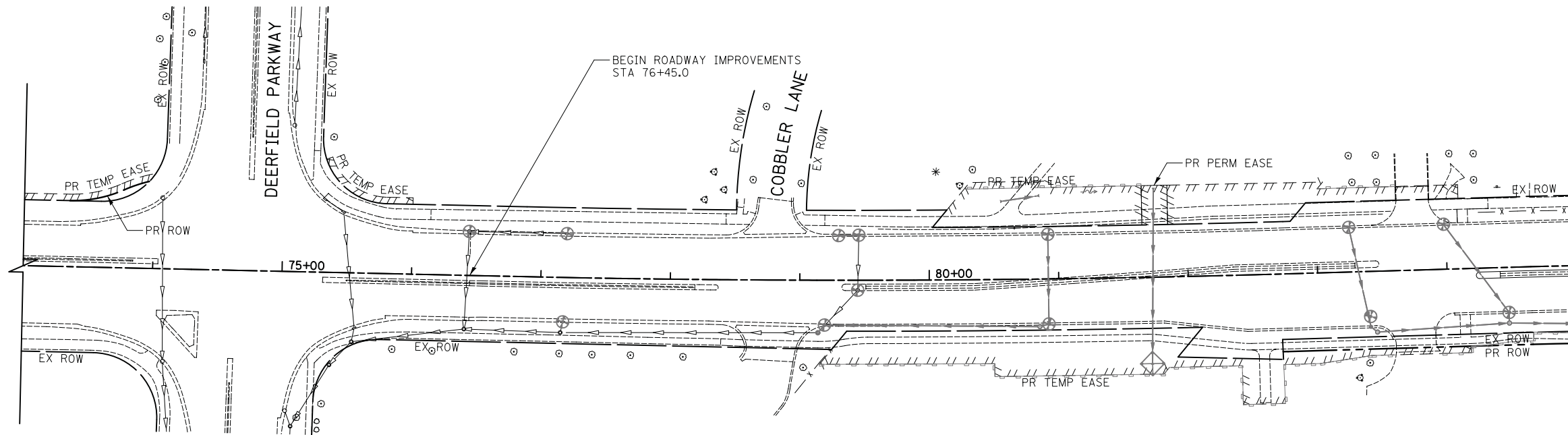
**EROSION CONTROL PLANS - STAGE II**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	96
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

DATE	
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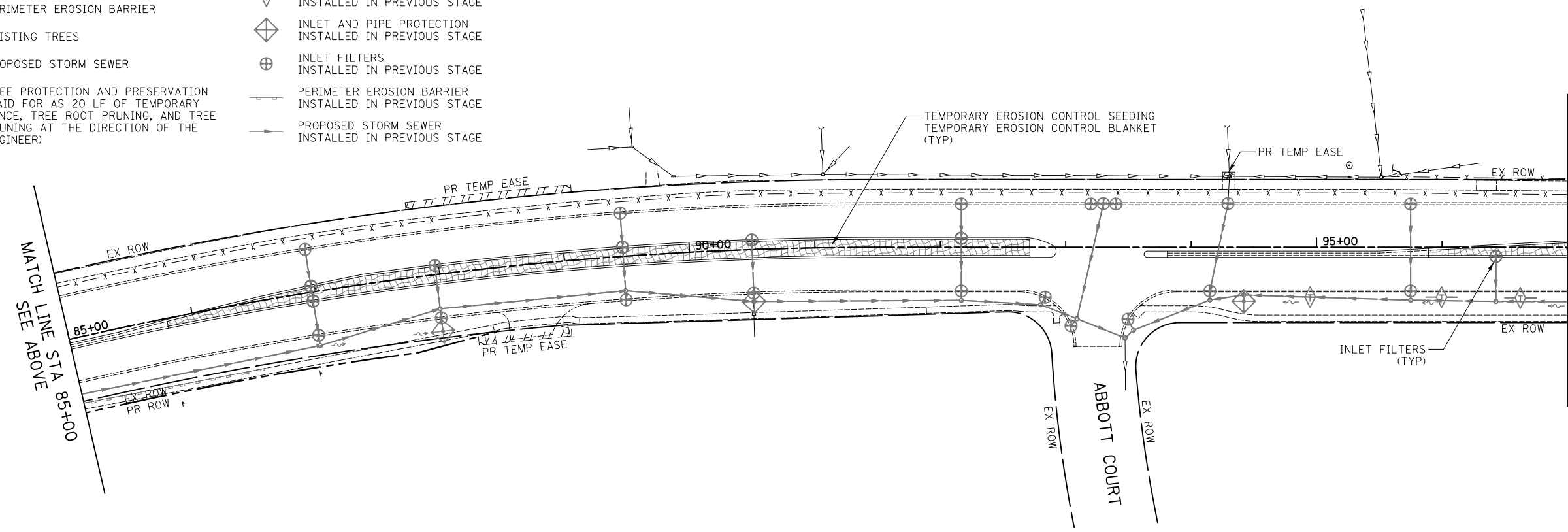
DATE	
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TEMPLATE	
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MATCH LINE STA 85+00  
SEE BELOW

LEGEND

- TEMPORARY DITCH CHECKS
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- WETLAND
- INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
- TEMPORARY PAVING DURING STAGE
- INLET FILTERS
- TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
- INLET AND PIPE PROTECTION INSTALLED IN PREVIOUS STAGE
- INLET FILTERS INSTALLED IN PREVIOUS STAGE
- PERIMETER EROSION BARRIER
- EXISTING TREES
- PROPOSED STORM SEWER
- TREE PROTECTION AND PRESERVATION (PAID FOR AS 20 LF OF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING AT THE DIRECTION OF THE ENGINEER)
- PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
- PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE

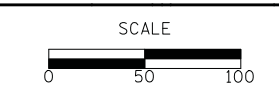


MATCH LINE STA 97+00  
ON SHEET NO 98  
SEE ABOVE

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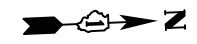
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



**EROSION CONTROL PLANS - STAGE III**

SHEET NO. 1 OF 3 SHEETS STA. 73+00.0 TO STA. 97+00.0

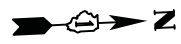
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	97
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



WEILAND ROAD

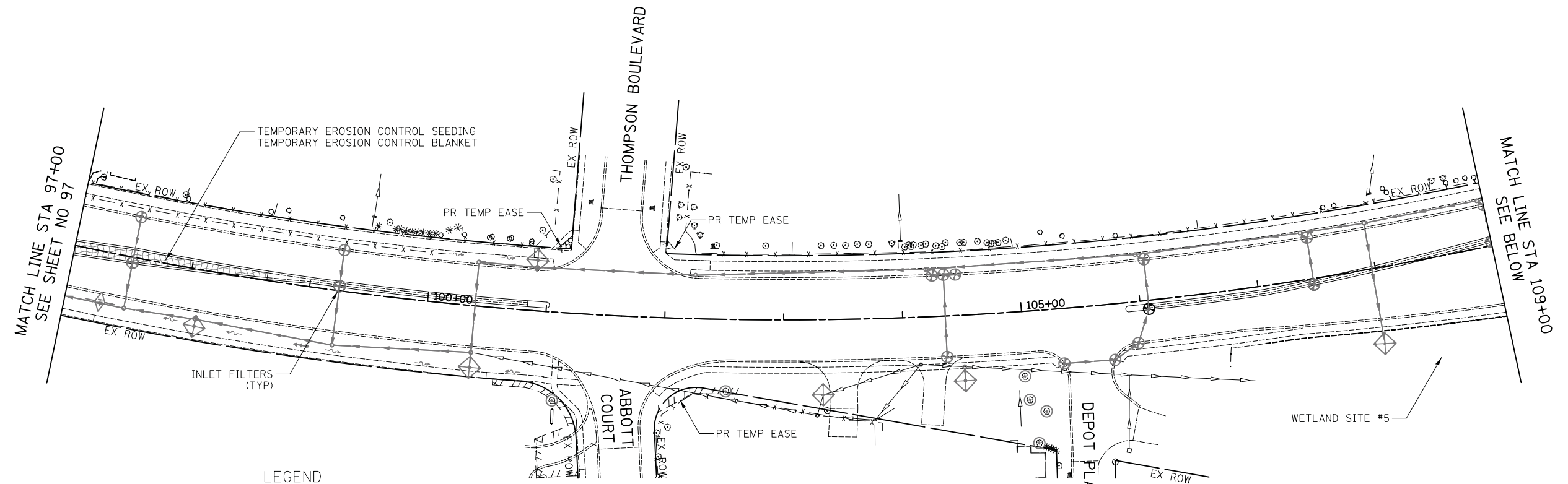
WEILAND ROAD



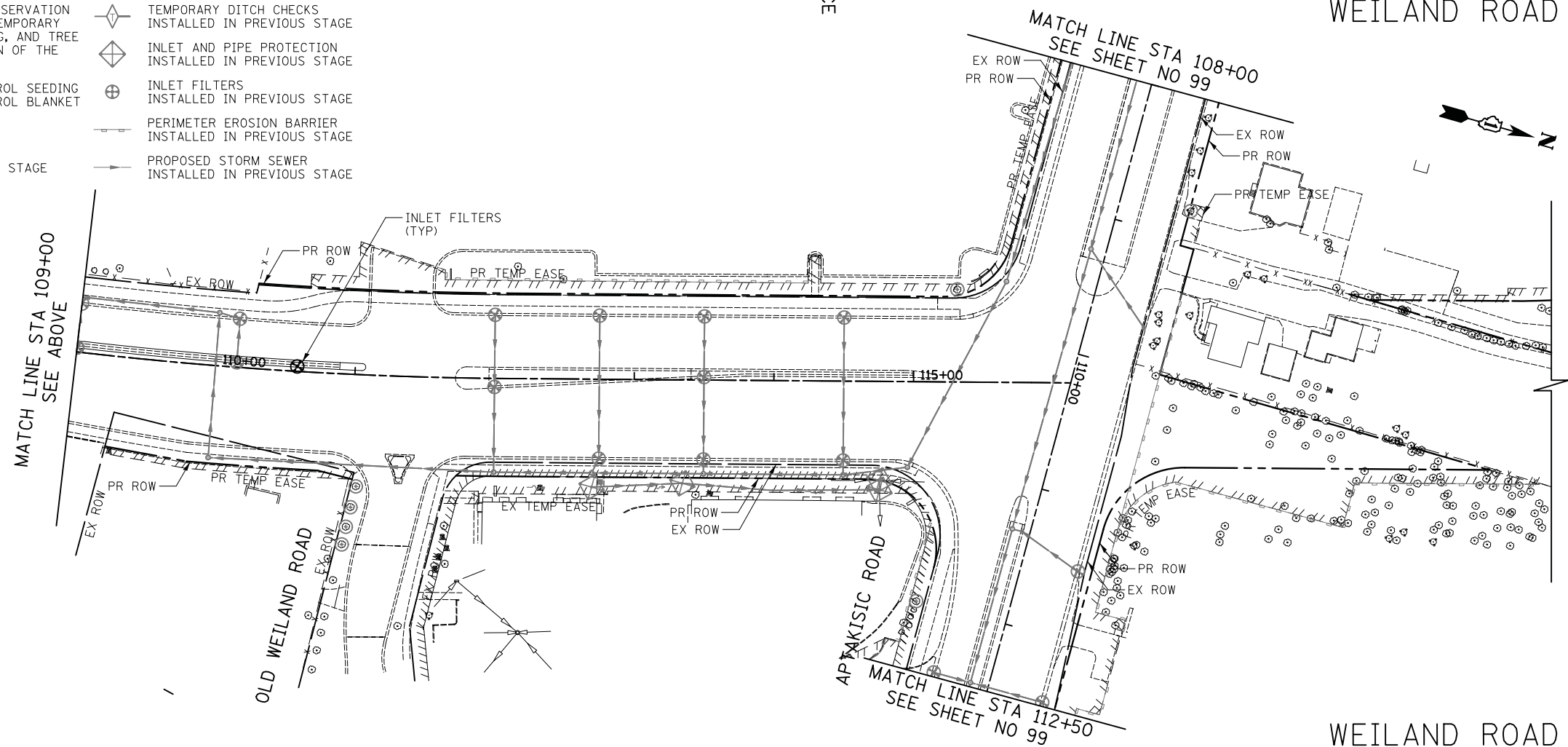


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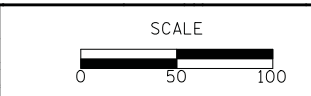
- LEGEND**
- TEMPORARY DITCH CHECKS
  - INLET AND PIPE PROTECTION (PAID FOR AS 1 INLET FILTER AND 16 LF OF PERIMETER EROSION BARRIER PER IDOT STANDARD 280001-07)
  - INLET FILTERS
  - PERIMETER EROSION BARRIER
  - EXISTING TREES
  - PROPOSED STORM SEWER
  - TREE PROTECTION AND PRESERVATION (PAID FOR AS 20 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. 97+00.0 TO STA. 121+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	98
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

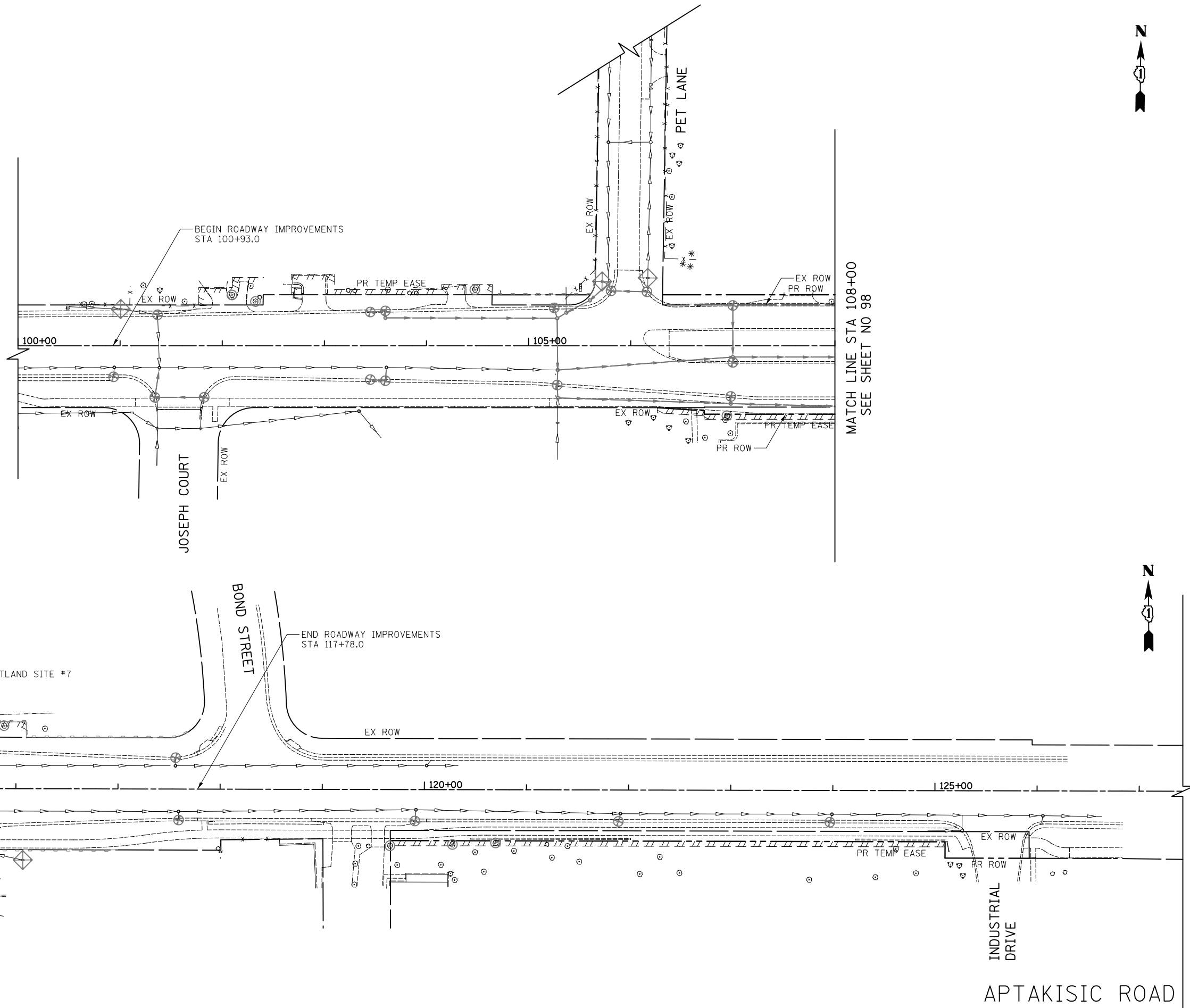


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FINISHED SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
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 20 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



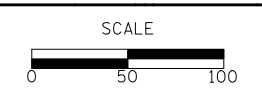
MATCH LINE STA 112+50  
SEE SHEET NO 98

MATCH LINE STA 108+00  
SEE SHEET NO 98

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DEPARTMENT OF TRANSPORTATION**



**EROSION CONTROL PLANS - STAGE III**







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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	99
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

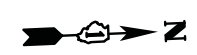
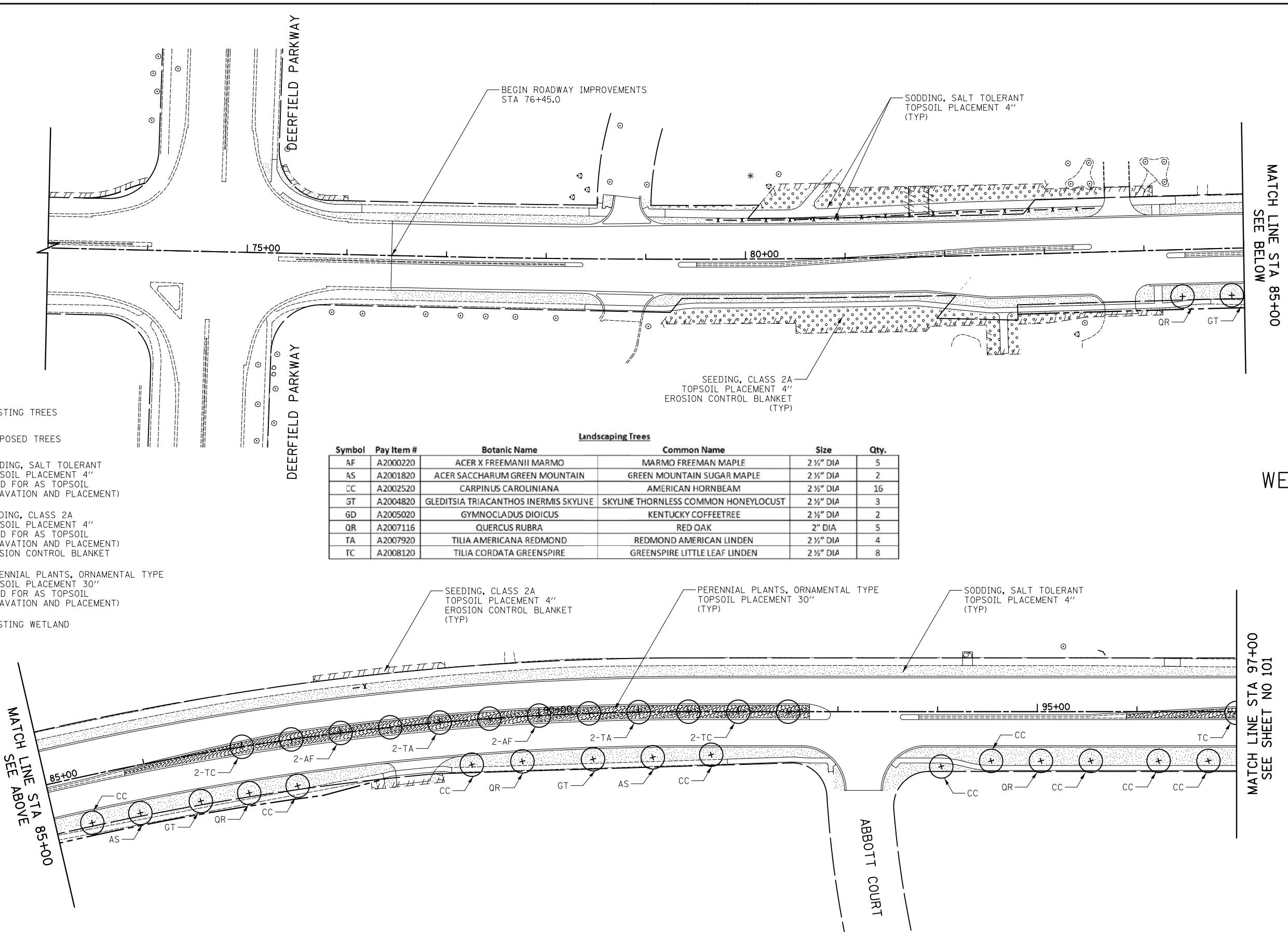
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**LEGEND**

-  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
-  PERENNIAL PLANTS, ORNAMENTAL TYPE TOPSOIL PLACEMENT 30" (PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT)
-  EXISTING WETLAND

Landscaping Trees					
Symbol	Pay Item #	Botanic Name	Common Name	Size	Qty.
AF	A2000220	ACER X FREEMANII MARMO	MARMO FREEMAN MAPLE	2 1/2" DIA	5
AS	A2001820	ACER SACCHARUM GREEN MOUNTAIN	GREEN MOUNTAIN SUGAR MAPLE	2 1/2" DIA	2
CC	A2002520	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	2 1/2" DIA	16
GT	A2004820	GLEDITSIA TRIACANTHOS INERMIS SKYLINE	SKYLINE THORNLESS COMMON HONEYLOCUST	2 1/2" DIA	3
GD	A2005020	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	2 1/2" DIA	2
QR	A2007116	QUERCUS RUBRA	RED OAK	2" DIA	5
TA	A2007920	TILIA AMERICANA REDMOND	REDMOND AMERICAN LINDEN	2 1/2" DIA	4
TC	A2008120	TILIA CORDATA GREENSPIRE	GREENSPIRE LITTLE LEAF LINDEN	2 1/2" DIA	8

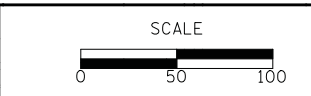


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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**



**LANDSCAPING PLANS**

SHEET NO. 1 OF 3 SHEETS STA. 73+00.0 TO STA. 97+00.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2665	18-00158-13-WR	LAKE	623	100
CONTRACT NO. 61F25				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				