

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
 FEDERAL AID HIGHWAY**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00FP	WILL	59	1
		ILLINOIS	CONTRACT NO. 61A26	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITY OF LOCKPORT

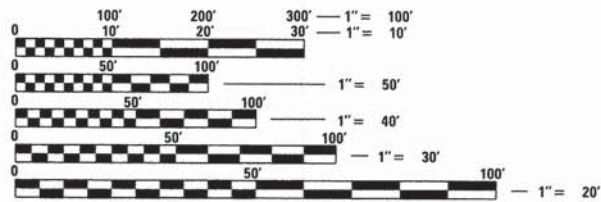
FAU 362 (GARFIELD AVENUE)  
 FAU 291 (DIVISION STREET) TO  
 FAP 351 (IL ROUTE 7)(9th STREET)  
 SECTION 12-00076-00-FP  
 PROJECT NO: M-4003(041)  
 ROADWAY RECONSTRUCTION  
 CITY OF LOCKPORT  
 WILL COUNTY  
 C-91-464-12

**TRAFFIC DATA**

GARFIELD AVENUE  
 POSTED SPEED LIMIT = 25 MPH  
 DESIGN SPEED LIMIT = 30 MPH  
 2013 ADT = 2566  
 2040 ADT = 3000

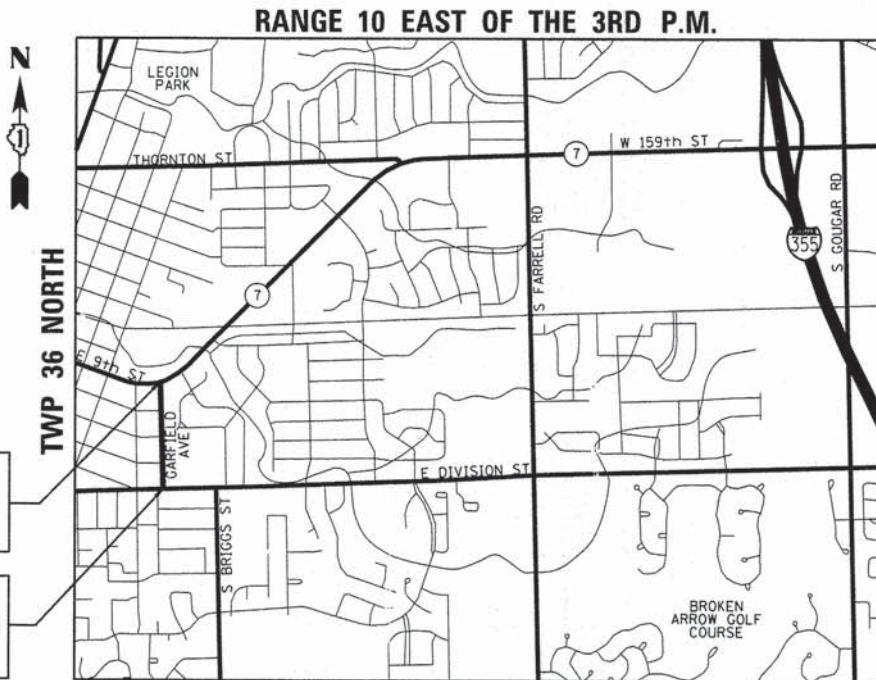
**DESIGN DESIGNATION**

GARFIELD AVENUE: 2743 (14) COLLECTOR 0.0731(FD-20)



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

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



GARFIELD AVENUE  
 IMPROVEMENT END  
 STA. 27 + 03.05

GARFIELD AVENUE  
 IMPROVEMENT BEGIN  
 STA. 10 + 09.80

LOCATION MAP NOT TO SCALE

GROSS LENGTH = 1693.25 FT. = 0.321 MILE  
 NET LENGTH = 1693.25 FT. = 0.321 MILE



STRAND ASSOCIATES, INC.  
 ANDREW J. RUNDE, P.E.  
 THIS STAMP APPLIES TO  
 DRAWINGS NO. 33 TO 37



DATE: 1/27/2014 EXP: 11/30/2015

STRAND ASSOCIATES, INC.  
 MARC A. GRIGAS, P.E.  
 THIS STAMP APPLIES TO  
 DRAWINGS NO. 1 TO 32 AND 38 TO 59



DATE: 1/29/2014 EXP: 11/30/2015

**SA**  
**STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
 IDFPR NO. 184-001273

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

Approved: 1/28/2014  
 [Signature]  
 City of Lockport, Director of Engineering

Passed: FEBRUARY 13, 2014  
 [Signature]  
 District 1 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: February 14, 2014  
 [Signature]  
 Deputy Director of Highways, Region 1 Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. 847-705-4021 SCHAUMBURG, IL

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**HIGHWAY STANDARDS**

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
 001006 DECIMAL OF AN INCH AND OF A FOOT  
 280001-07 TEMPORARY EROSION CONTROL SYSTEMS  
 424001-07 PERPENDICULAR CURB RAMPS FOR SIDEWALKS  
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 424026-01 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS  
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 602001-02 CATCH BASIN TYPE A  
 602301-04 INLET - TYPE A  
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 604036-02 GRATE TYPE 8  
 604051-03 FRAME AND GRATE TYPE 11  
 604056-03 FRAME AND GRATE TYPE 11V  
 606001-05 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER  
 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY  
 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE  
 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 GREATER THAN OR EQUAL TO 45 MPH  
 701501-06 URBAN LANE CLOSURE 2L, 2W, UNDIVIDED  
 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE  
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 BD17 CITY OF CHICAGO DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK  
 BD24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT  
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 BE-300 LIGHT POLE FOUNDATION  
 BE-403 ALUMINUM LIGHT POLE  
 BE-701 LUMINAIRE SAFETY CABLE ASSEMBLY  
 BE-702 MISC. ELECTRICAL DETAILS  
 TC10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS  
 TC13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS  
 TC21 DETOUR SIGNING FOR CLOSING STATE HIGHWAYS  
 TC22 ARTERIAL ROAD INFORMATION SIGN  
 TC26 DRIVEWAY ENTRANCE SIGNING

FILE NAME = s:\joi\3760-3799\3784\808\micro\c400\_Sheets\AD12345-plt-index.dgn



USER NAME = dennisw	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 1.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	2
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

**GENERAL NOTES**

- THE LATEST EDITIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" AS PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) SHALL GOVERN ALL WORK ASSOCIATED WITH THIS PROJECT.
- THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" SHALL ALSO GOVERN THE PROJECT. BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AS DESIGNATED BY THE ENGINEER.
- CARE SHALL BE EXERCISED BY THE CONTRACTOR IN CARRYING OUT ALL EXCAVATION AND/OR TRENCHING OPERATIONS SO THAT SPRINKLER SYSTEMS, CURBS, LOCAL SERVICES, BUFFALO BOXES, VALVES, MANHOLES, INLETS, AND OTHER STRUCTURES ARE NOT DAMAGED OR REMOVED. ANY DAMAGE DONE BY THE CONTRACTOR, WHETHER THE STRUCTURE OR SERVICE IS VISIBLE AT THE GROUND SURFACE OR NOT, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS REQUIRED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE WITH NO ADDITIONAL COMPENSATION ALLOWED.
- THE CONTRACTOR SHALL DISPOSE OF ALL SURPLUS EXCAVATED MATERIAL OFF THE SITE AS WORK PROGRESSES WITH NO ADDITIONAL COMPENSATION ALLOWED. THE TEMPORARY STOCKPILING OF THIS MATERIAL ON THE PROJECT SITE WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL SUBMIT IN WRITING A "SCHEDULE OF OPERATIONS" SHOWING APPROXIMATE DATES FOR COMMENCING AND COMPLETING VARIOUS PHASES OF CONSTRUCTION INCLUDED IN THE CONTRACT PRIOR TO COMMENCING ANY CONSTRUCTION UNDER THIS CONTRACT. THE SCHEDULE SHALL HAVE THE APPROVAL OF THE ENGINEER AND THE DATE FOR STARTING SHALL BE MUTUALLY AGREED UPON BETWEEN THE CONTRACTOR AND THE ENGINEER.
- ALL PERMANENT TYPE PAVEMENTS OR OTHER PERMANENT IMPROVEMENTS WHICH ABOUT THE PROPOSED IMPROVEMENT AND MUST BE REMOVED SHALL BE SAWED PRIOR TO REMOVAL. PAYMENT FOR SAWING SHALL BE INCLUDED IN THE COST FOR THE REMOVAL OF EACH ITEM.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. AND ALL OTHER PUBLIC AND PRIVATE UTILITIES SO THAT ARRANGEMENTS CAN BE MADE TO LOCATE THEIR VARIOUS FACILITIES WITHIN THE LIMITS OF CONSTRUCTION UNDER THIS CONTRACT, AS WELL AS TO PROVIDE ADEQUATE PROTECTION AND INSPECTION THERETO. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES IN THE FIELD.
- ALL TRAFFIC SIGNS, STREET SIGNS, ETC., THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AND PLACED AT NEW LOCATIONS AS DESIGNATED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT WITH NO ADDITIONAL COMPENSATION ALLOWED. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED WITH NO ADDITIONAL COMPENSATION ALLOWED.
- THE CONTRACT SHALL HAVE A COMPETENT SUPERINTENDENT ON THE PROJECT SITE AT ALL TIMES, IRRESPECTIVE OF THE AMOUNT OF WORK SUBLET. THE SUPERINTENDENT SHALL BE CAPABLE OF READING AND UNDERSTANDING THE PLANS AND SPECIFICATIONS, SHALL HAVE FULL AUTHORITY TO EXECUTE ORDERS TO EXPEDITE THE PROJECT AND SHALL BE RESPONSIBLE FOR SCHEDULING AND HAVING CONTROL OF ALL THE WORK AS THE AGENT OF THE GENERAL CONTRACTOR. FAILURE TO COMPLY WITH THIS PROVISION WILL RESULT IN A SUSPENSION OF WORK AS PROVIDED IN THE STANDARD SPECIFICATIONS.
- WHERE OVERHANGING BRANCHES INTERFERE WITH OPERATIONS OF CONSTRUCTION, SAID BRANCHES SHALL BE TRIMMED AND SEALED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. TREE PRUNING AND ROOT PRUNING WILL NOT BE PAID SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE PROJECT.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE CAUSED.

- THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR SHALL ENSURE ALL PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
- THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING AND AFTER THE CONSTRUCTION. THIS WORK SHALL BE INCLUDED FOR THE CONTRACT UNIT PRICE FOR THE APPLICABLE DRAINAGE ITEMS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL PRIVATE AND COMMERCIAL PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. TEMPORARY ACCESS RAMPS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- LAYOUT AND STAKING FOR ALL CONSTRUCTION OPERATIONS SHALL BE PROVIDED BY THE CONTRACTOR.
- CLEARING OF BRUSH, BUSHES AND TREES WITH A DIAMETER LESS THAN 6" WILL NOT BE PAID FOR SEPARATELY PER SECTION 202 OF THE STANDARD SPECIFICATIONS.
- THE COST OF CONNECTING EXISTING STORM SEWER/PIPE CULVERTS TO THE PROPOSED DRAINAGE SYSTEM AND/OR CONNECTING PROPOSED STORM SEWER/PIPE CULVERTS TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE AND/OR THE COST OF THE PROPOSED STORM SEWER/PIPE CULVERTS. ALL NECESSARY ADDITIONAL PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR STORM SEWER/PIPE CULVERTS OF THE SIZE REQUIRED.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT ROADSIDE DRAINAGE SYSTEM IS BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENT SHALL BE AS DIRECTED BY THE ENGINEER. PROPOSED RIM ELEVATIONS SHOWN FOR DRAINAGE STRUCTURES IN THE GUTTER REFERENCE THE PROPOSED EDGE OF PAVEMENT ELEVATION.

- UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON THE PLANS ARE TO THE CENTER OF GUTTER FOR GRATES IN THE CURB AND GUTTER AND TO THE CENTER OF THE GRATE/LID FOR ALL OTHER STRUCTURES. 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. ALL FLAT TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
- ALL EXISTING AND TEMPORARY SUBSURFACE DRAINS AND/OR FIELD TILES AND THEIR HEADWALLS ENCOUNTERED IN THE ROADWAY EXCAVATION SHALL BE REMOVED AND CONSIDERED TO BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING THE EXISTING SUBSURFACE DRAINS OR CONNECTING TO THE PROPOSED STORM SEWER AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- UNDERDRAIN MINIMUM SLOPES SHALL BE 0.20% AND HAVE BEEN IDENTIFIED ON THE DRAINAGE PLAN AND PROFILE SHEETS. TRANSVERSE UNDERDRAINS SHALL MATCH THE CROSS SLOPE OF THE ROADWAY SURFACE. PIPE UNDERDRAINS SHALL BE INSTALLED 12 INCHES BELOW THE BOTTOM OF THE AGGREGATE SUBGRADE IMPROVEMENT. CONNECTION OF THE UNDERDRAINS TO THE STRUCTURES OR STORM SEWER AND ALL NECESSARY POROUS GRANULAR BACKFILL, AND FILTER FABRIC SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAIN.
- THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.
- IT IS ASSUMED THAT 12" OF THE EXISTING GROUND OUTSIDE THE PAVEMENT SHALL BE EXCAVATED AND REMOVED FROM THE SITE. QUANTITIES FOR THIS WORK ARE INCLUDED IN REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS.
- FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL ERECT TREE PROTECTION AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOB SITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". REMOVE TREE PROTECTION ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM. THE TERM ENVIRONMENTAL FIRM SHALL MEAN AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY IDOT DOCUMENTATION INCLUDES BUT NOT LIMITED TO VERIFYING REMEDIATION AND SPECIAL WASTE OPERATIONS FOR SITES CONTAMINATED WITH GASOLINE, DIESEL, OR WASTE OIL IN ACCORDANCE WITH ALL FEDERAL, STATE, OR LOCAL REGULATORY REQUIREMENTS AND SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL. THE ENVIRONMENTAL FIRM SELECTED SHALL NOT BE A FORMER OR CURRENT CONSULTANT OR HAVE ANY TIES WITH ANY OF THE PROPERTIES CONTAINED WITHIN AND/OR ADJACENT TO THIS CONSTRUCTION PROJECT.
- QUANTITIES AND ASSOCIATED PAY ITEMS FOR EARTHWORK, LANDSCAPE RESTORATION, AND EROSION CONTROL WERE DEVELOPED ACCORDING TO THE NECESSARY GRADING FOR THE PROJECT PROPOSED AS SHOWN IN THE CROSS SECTIONS. AREAS DISTURBED BEYOND THE SLOPE INTERCEPTS SHALL HAVE EROSION CONTROL AND LANDSCAPING RESTORATION ACCORDING TO THE ADJACENT REQUIREMENTS SHOWN IN THE PLANS. THE GROUND SHALL BE GRADED AND RESTORED TO MATCH THE EXISTING PRE-CONSTRUCTION CONDITIONS. ALL WORK DESCRIBED ABOVE BEYOND THE SLOPE INTERCEPTS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- GRADING AND SHAPING DITCHES WILL NOT BE PAID FOR SEPARATELY AND SHOULD BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- BITUMINOUS CONCRETE DRIVEWAYS SHALL BE CONSTRUCTED ON A COMPACTED 4"-THICK LAYER OF GRANULAR SUBBASE STONE HAVING A GRADATION OF CA-6. THE COST OF THE SUBBASE STONE SHALL BE INCLUDED IN THE COST OF THIS PAY ITEM.

- ANY EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF ALL DRIVEWAYS AND ENTRANCES SHALL BE INCLUDED IN THE COST OF DRIVEWAY PAY ITEM.
- THE COST OF THE SUBBASE GRANULAR MATERIAL REQUIRED TO CONSTRUCT THE SIDEWALK SHALL BE CONSIDERED INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE, 5", SPECIAL.
- ALL EXISTING SIGNS PANELS AND THEIR POSTS AND FOUNDATIONS WITHIN THE PROJECT SHALL BE REMOVED BY THE CONTRACTOR. THE SIGN PANELS SHALL BE DELIVERED TO LOCKPORT'S PUBLIC WORKS BUILDING. POSTS AND FOUNDATIONS SHALL BE DISPOSED OF ACCORDING TO SECTION 724. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- ALL BITUMINOUS SURFACES FOR BUTT JOINTS SHALL BE GROUND TO A SMOOTH, STRAIGHT EDGE AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINTS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE PROJECT.
- CONTRACTOR SHALL PRESENT A PAVING SCHEDULE TO THE CITY WITHIN 7 DAYS PRIOR TO PAVING. THE CONTRACTOR SHALL NOTIFY THE CITY IF THE PAVING SCHEDULE CHANGES WITHIN 48 HOURS. IF THE CONTRACTOR DOES NOT NOTIFY THE CITY OF THE REVISED PAVING SCHEDULE, THERE WILL BE A \$500 PER DAY FINE PAID FROM THE CONTRACTOR TO THE CITY BEGINNING AFTER THE FIRST DAY OF PROPOSED PAVING SCHEDULE UNTIL THE CITY IS NOTIFIED BY THE CONTRACTOR OF A REVISED SCHEDULE.
- WINTER PROTECTION AND PROTECTIVE COAT FOR CONCRETE SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT OF THE DEPTH SPECIFIED, CONCRETE CURB TYPE B, COMBINATION CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED, OR PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL.

**COMMITMENTS**

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

FILE NAME = st:\p1\3780-3799\3784\08\micr\os\CADD\_Sheets\0412245-ent-gennote.dgn



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED -	REVISED -
MODEL NAME = Defaul	DRAWN -	REVISED -
PLOT SCALE = 1:8000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

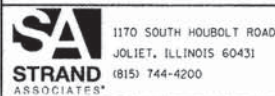
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	3
CONTRACT NO. 61A26				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004	STREET LIGHTING 0021	TRAINEES 0042
				80% FED 20% CITY URBAN	80% FED 20% CITY URBAN	80% FED 20% CITY URBAN
20100110	XTREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	28	28		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	228	228		
20101100	TREE TRUNK PROTECTION	EACH	11	11		
20200100	EARTH EXCAVATION	CU YD	955	955		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4,765	4,765		
20800150	TRENCH BACKFILL	CU YD	605	605		
+ 25200200	SUPPLEMENTAL WATERING	UNIT	21	21		
+ 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	355	355		
+ 28000400	PERIMETER EROSION BARRIER	FOOT	1,311	1,311		
+ 28000500	INLET AND PIPE PROTECTION	EACH	6	6		
+ 28000510	INLET FILTERS	EACH	47	47		
+ 28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	3,514	3,514		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,983	1,983		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	7,194	7,194		

+ SPECIALTY ITEM

FILE NAME = S:\JUL\3788-3799\3788-3799\080\Micro\CADD\_Sheets\0812315-1ht-500.dgn



USER NAME = dennisw  
MODEL NAME = Default  
PLOT SCALE = 1/8" = 1' / in.  
PLOT DATE = 2/4/2014

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	4
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004	STREET LIGHTING 0021	TRAINEES 0042
				80% FED 20% CITY URBAN	80% FED 20% CITY URBAN	80% FED 20% CITY URBAN
40600895	CONSTRUCTING TEST STRIP	EACH	2	2		
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,394	1,394		
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	713	713		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	257	257		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	224	224		
44000100	PAVEMENT REMOVAL	SQ YD	5,785	5,785		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,196	1,196		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	238	238		
44000600	SIDEWALK REMOVAL	SQ FT	1,300	1,300		
50105220	PIPE CULVERT REMOVAL	FOOT	107	107		
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	402	402		
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	226	226		
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	512	512		
550A2350	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 21"	FOOT	29	29		

+ SPECIALTY ITEM

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USER NAME = dennisw  
MODEL NAME = Default  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	5
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004	STREET LIGHTING 0021	TRAINEES 0042
				80% FED 20% CITY URBAN	80% FED 20% CITY URBAN	80% FED 20% CITY URBAN
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	205	205		
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	62	62		
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	217	217		
+ 56106600	ADJUSTING WATER MAIN 12"	FOOT	25	25		
60107600	PIPE UNDERDRAINS 4"	FOOT	180	180		
60200205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60200405	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 4 FRAME AND GRATE	EACH	2	2		
60201110	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 11V FRAME AND GRATE	EACH	2	2		
60203905	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60204105	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 4 FRAME AND GRATE	EACH	1	1		
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60218600	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 4 FRAME AND GRATE	EACH	3	3		
60218800	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 5 FRAME, CLOSED LID	EACH	1	1		
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	2	2		

+ SPECIALTY ITEM

FILE NAME = SA\JUL\3780-3799\3784\088\Micro\CADD\Sheets\0812345-ah-500.dgn



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 1.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/4/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	6
CONTRACT NO. 61A26				
ILLINOIS FED. AID PROJECT				

FILE NAME = SA\JUL\37806--3781\3784\088\Mrca\CA60\_Sheets\0812145-wht-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004	STREET LIGHTING 0021	TRAINEES 0042
				80% FED 20% CITY URBAN	80% FED 20% CITY URBAN	80% FED 20% CITY URBAN
60219300	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1		
60221300	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 4 FRAME AND GRATE	EACH	1	1		
60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	2	2		
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	2	2		
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1		
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	9	9		
60600605	CONCRETE CURB, TYPE B	FOOT	249	249		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3, 336	3, 336		
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	121	121		
63200310	GUARDRAIL REMOVAL	FOOT	51	51		
+ 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	390	390		
+ 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1		
+ 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
67100100	MOBILIZATION	L SUM	1	1		

+ SPECIALTY ITEM



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 PLOT SCALE = 1,0000 ' / in.  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	7
CONTRACT NO. 61A26				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004	STREET LIGHTING 0021	TRAINEES 0042
				80% FED 20% CITY URBAN	80% FED 20% CITY URBAN	80% FED 20% CITY URBAN
+ 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1		
+ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	5	5		
+ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,804	2,804		
+ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	874	874		
+ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	139	139		
+ 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1	
+ 80500200	SERVICE INSTALLATION, TYPE B	EACH	3		3	
+ 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	185		185	
+ 81603060	UNIT DUCT, 600V, 3-1C NO.8, 1/C NO.10 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	480		480	
+ 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	54		54	
+ A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5		
+ A2005016	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	1	1		
+ A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6		
+ A2018726	TREE, ULMUS CARPINIFOLIA NEW HORIZON (NEW HORIZON SMOOTHLEAF ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4		

+ SPECIALTY ITEM

FILE NAME = SA\JUL\37800--3799\3784\088\Micro\000\Sheets\0812345-ht-500.dgn



1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
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PLOT DATE = 2/4/2014	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	8
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004	STREET LIGHTING 0021	TRAINEES 0042
				80% FED 20% CITY URBAN	80% FED 20% CITY URBAN	80% FED 20% CITY URBAN
+ B2002216	TREE, CRATAEGUS VIRDIS WINTER KING (WINTER KING GREEN HAWTHORN), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	4	4		
+ B2006216	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	1	1		
+ X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	6		6	
+ X0327487	TRIAxIAL GEOGRID REINFORCEMENT, TYPE I	SQ YD	1,255	1,255		
+ X2520650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	3,514	3,514		
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	18,988	18,988		
X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	10,557	10,557		
X5510100	STORM SEWER REMOVAL	FOOT	914	914		
X6022040	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 11V FRAME AND GRATE	EACH	8	8		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
+ X8300001	LIGHT POLE, SPECIAL	EACH	6		6	
+ XX006111	WATER SERVICE RECONNECTION, WITH NEW BUFFALO BOX, LONG SIDE 1"(MINIMUM)	EACH	16	16		
XX007729	DETECTABLE WARNINGS, SPECIAL	SQ FT	210	210		
Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	275	275		

+ SPECIALTY ITEM

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PLOT DATE = 2/4/2014

DESIGNED -  
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	9
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY 0004	STREET LIGHTING 0021	TRAINEES 0042
				80% FED 20% CITY URBAN	80% FED 20% CITY URBAN	80% FED 20% CITY URBAN
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	214	214		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0017500	DRAINAGE & UTILITY STRUCTURE ADJUSTMENT (SPECIAL)	EACH	10	10		
Z0017800	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED (SPECIAL)	EACH	6	6		
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	17	17		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	13	13		
+ Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	6		6	
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	102	102		
Z0056654	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	48	48		
Z0056672	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	32	32		
Z0076600	TRAINEES	HOUR	1000			1000
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000			1000
Z0056653	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 21"	FOOT	19	19		

+ SPECIALTY ITEM

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1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

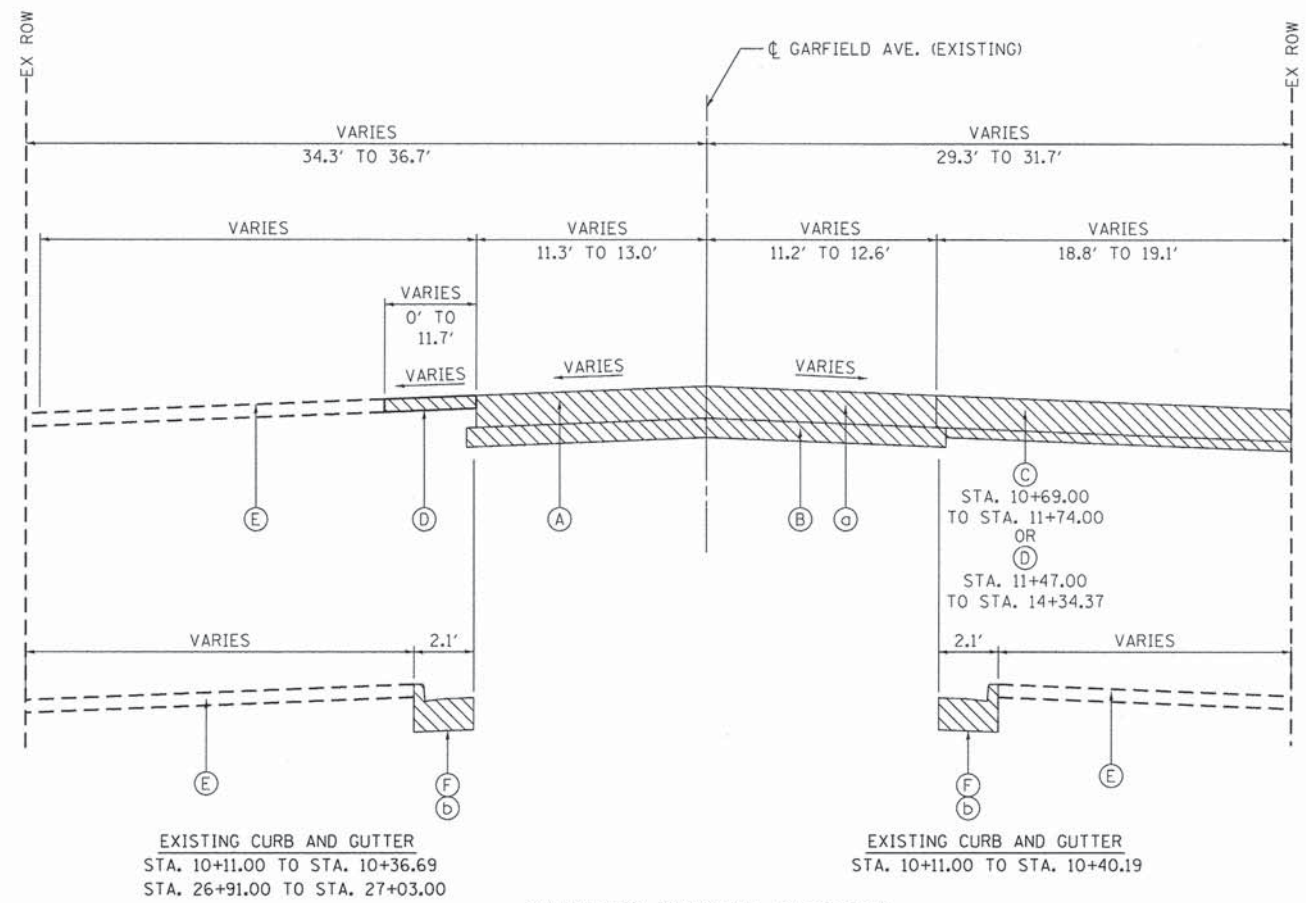
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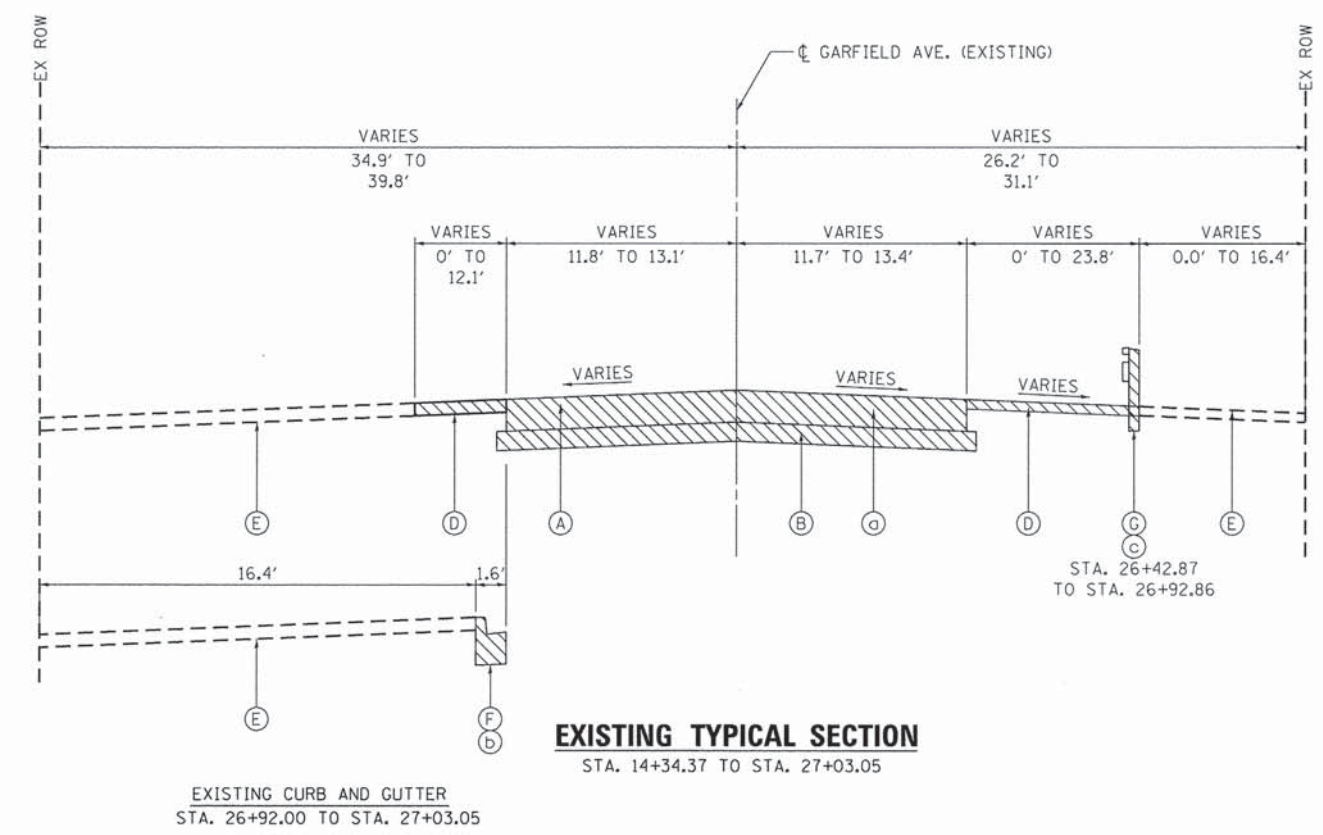
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
SCALE: N/A SHEET 7 OF 7 SHEETS STA. TC STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	10
CONTRACT NO. 61A26				
[ILLINOIS] FED. AID PROJECT				



**EXISTING TYPICAL SECTION**  
STA. 10+10.00 TO STA. 14+34.37



**EXISTING TYPICAL SECTION**  
STA. 14+34.37 TO STA. 27+03.05

- REMOVAL LEGEND**
- ⊖ PAVEMENT REMOVAL
  - ⊖ COMBINATION CURB AND GUTTER REMOVAL
  - ⊖ GUARDRAIL REMOVAL
  - ▨ REMOVAL ITEM
- EXISTING LEGEND**
- Ⓐ HMA PAVEMENT VARIES 7-7.5"
  - Ⓑ AGGREGATE SUBGRADE IMPROVEMENT VARIES 0-6"
  - Ⓒ PARKING AREA HMA PAVEMENT
  - Ⓓ AGGREGATE SHOULDER
  - Ⓔ 12" TOPSOIL
  - Ⓕ COMBINATION CURB AND GUTTER
  - Ⓖ GUARDRAIL

- PROPOSED LEGEND**
- ① TOP SOIL FURNISH AND PLACE, 4"
  - ② SODDING, SALT TOLERANT (SPECIAL)
  - ③ AGGREGATE SUBGRADE IMPROVEMENT
  - ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 2"
  - ⑥ BITUMINOUS MATERIALS (PRIME COAT)
  - ⑦ AGGREGATE (PRIME COAT)
  - ⑧ 4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
  - ⑨ 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
  - ⑩ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
  - ⑪ COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
  - ⑫ COMBINATION CONCRETE CURB & GUTTER TYPE B-6.18
  - ⑬ TRIAXIAL, GEOGRID REINFORCEMENT, TYPE 1

▭ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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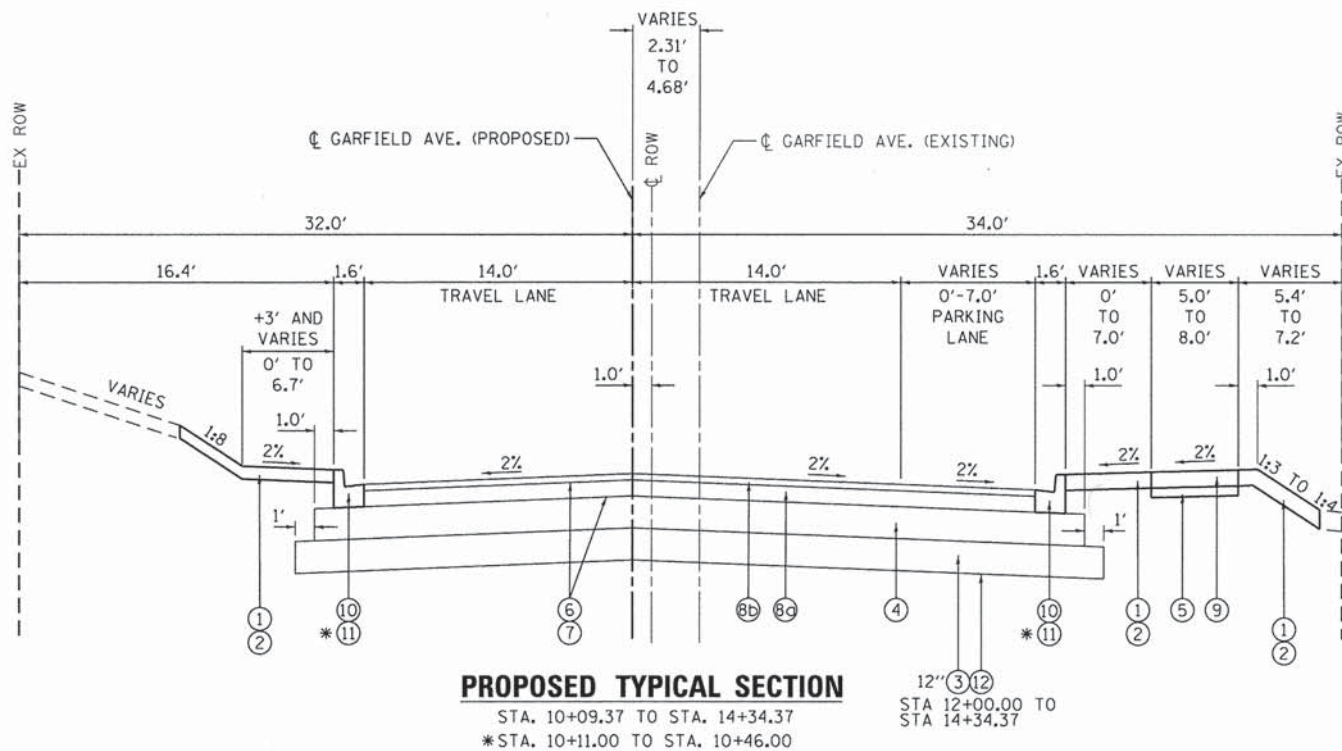


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PLOT DATE = 2/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

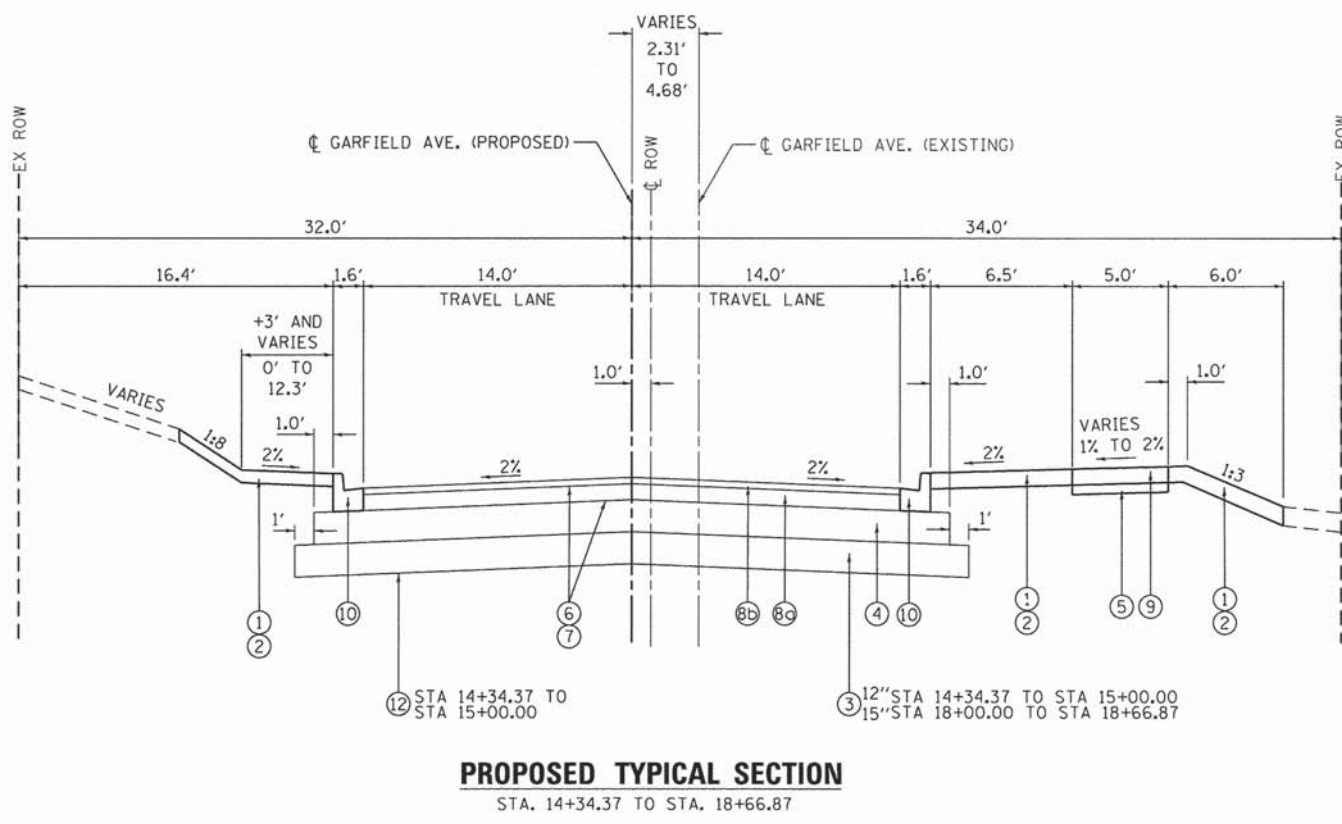
<b>TYPICAL SECTIONS</b>	
SCALE:	SHEET 1 OF 3 SHEETS STA. 10+10.00 TO STA. 14+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	11
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	



- PROPOSED LEGEND**
- ① TOP SOIL FURNISH AND PLACE, 4"
  - ② SODDING, SALT TOLERANT (SPECIAL)
  - ③ AGGREGATE SUBGRADE IMPROVEMENT
  - ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 2"
  - ⑥ BITUMINOUS MATERIALS (PRIME COAT)
  - ⑦ AGGREGATE (PRIME COAT)
  - ⑧ 4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
  - ⑧b 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
  - ⑨ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
  - ⑩ COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
  - ⑪ COMBINATION CONCRETE CURB & GUTTER TYPE B-6.18
  - ⑫ TRIAXIAL, GEOGRID REINFORCEMENT, TYPE 1

+ 2% SHELFF FOR PARKWAY SHALL BE REMOVED NEAR TREE TRUNKS ACCORDING TO ENGINEER'S DIRECTION.



☐ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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**SA**  
STRAND  
ASSOCIATES\*

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 5.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 2/4/2014	DATE -	REVISED -

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

**TYPICAL SECTIONS**  
SCALE: SHEET 2 OF 3 SHEETS STA. 14+00.00 TO STA. 27+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	12
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

**PROPOSED LEGEND**

- ① TOP SOIL FURNISH AND PLACE, 4"
- ② SODDING, SALT TOLERANT (SPECIAL)
- ③ AGGREGATE SUBGRADE IMPROVEMENT
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 2"
- ⑥ BITUMINOUS MATERIALS (PRIME COAT)
- ⑦ AGGREGATE (PRIME COAT)
- ⑧ 4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- ⑧b 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- ⑨ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
- ⑩ COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
- ⑪ COMBINATION CONCRETE CURB & GUTTER TYPE B-6.18
- ⑫ TRIAXIAL, GEOGRID REINFORCEMENT, TYPE 1

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 4"	4% @ 50 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 2"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER, IL 19mm) N50; 2" (PE), 6" (CE)	4% @ 50 GYR

**NOTES:**

- THE UNIT WEIGHT USED TO CALCULATE HOT-MIX ASPHALT MIXTURES IS 112 LBS/SO 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 I SPECIAL PROVISIONS. FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.  
+2% SHELF FOR PARKWAY SHALL BE REMOVED NEAR TREE TRUNKS ACCORDING TO ENGINEER'S DIRECTION.

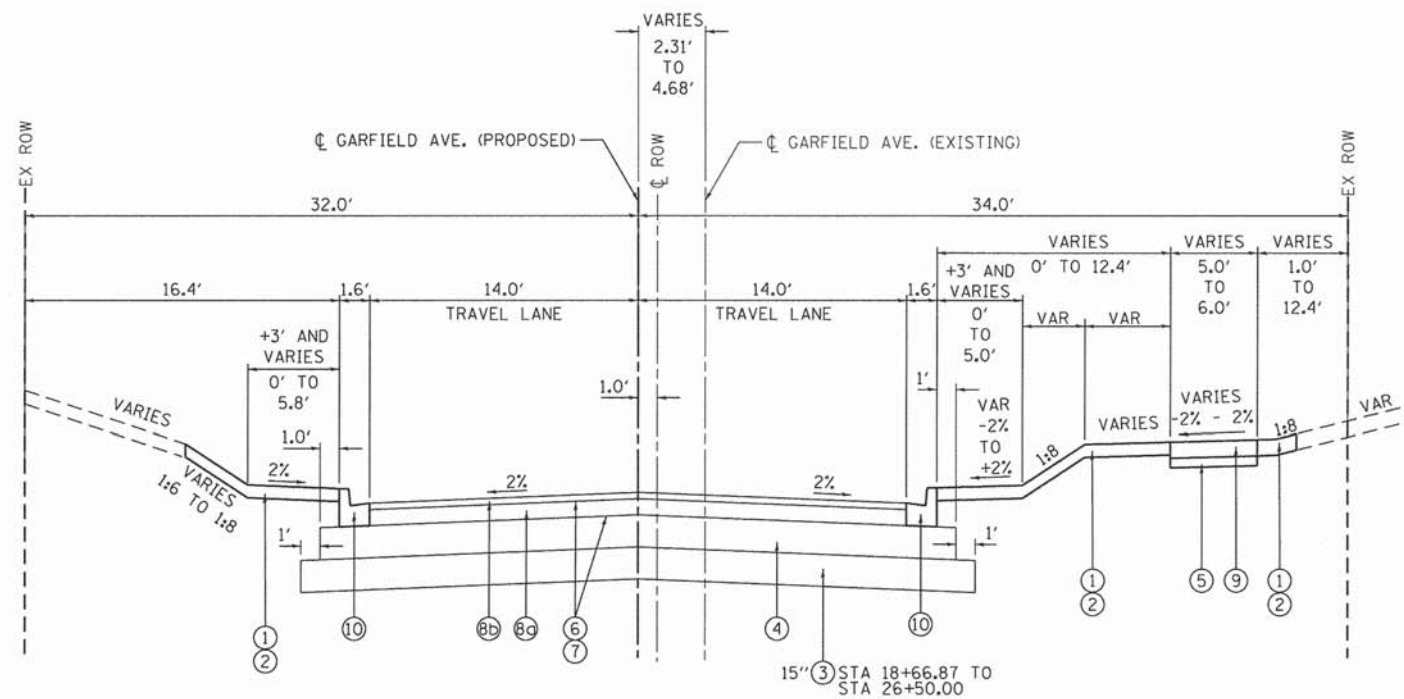
**UNDERCUT NOTES:**

- REPLACEMENT MATERIAL SHALL BE PAID FOR AS AGGREGATE SUBGRADE IMPROVEMENT MEASURED IN CUBIC YARDS.
- UNDERCUT AND AGGREGATE SUBGRADE IMPROVEMENTS SHALL BE PERFORMED WHERE DETERMINED BY THE ENGINEER.

ESTIMATED UNDERCUT

GARFIELD AVE	DEPTH (IN)
STA. 12+50.00 TO STA. 15+00.00	12"
STA 18+00.00 TO STA 26+50.00	15"

DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.



**PROPOSED TYPICAL SECTION**  
STA. 18+66.87 TO STA. 27+03.05

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	13

SCALE: SHEET 3 OF 3 SHEETS STA. 14+00.00 TO STA. 27+00.00

ILLINOIS FED. AID PROJECT

FILE NAME = S:\JUL\3700--3799\3784\008\Microsoft\CADD\Sheets\0812345-ah-typical.dgn

**SA**  
**STRAND ASSOCIATES\***  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw  
MODEL NAME = Default  
PLOT SCALE = 5.0000' / 1" =  
PLOT DATE = 2/4/2014

DESIGNED -  
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REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
SCALE: SHEET 3 OF 3 SHEETS STA. 14+00.00 TO STA. 27+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	13

CONTRACT NO. 61A26  
ILLINOIS FED. AID PROJECT

SCHEDULE OF DRIVEWAYS AND APRON LAYOUT									
ADDRESS (GARFIELD AVE)	LT/RT	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6" (SQ YD)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4" (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" (SQ YD)	APRON STATION			
						A	B	C	D
1233	LT	24.91				10+86.52	10+89.49	11+02.24	11+05.24
HOUSE N. 1233	LT	23.44				11+06.12	11+09.12	11+21.06	11+24.06
PUBLIC ALLEY	LT		54.03			STA. 12+16 (SEE PLANS FOR DETAILS)			
1219	LT			18.59		12+71.60	12+74.60	12+83.88	12+86.88
630 12th ST	LT	35.54				14+99.42	15+02.42	15+20.99	15+23.99
1109	LT			17.93		15+67.35	15+70.35	15+79.24	15+82.24
PUBLIC ALLEY	LT		55.96			STA. 16+52 (SEE PLANS FOR DETAILS)			
1105	LT			19.98		17+00.28	17+03.28	17+13.32	17+16.32
612 11th ST	LT			36.73		19+43.15	19+46.01	19+65.34	19+68.41
1030	RT			25.30		20+02.57	20+05.57	20+21.42	20+24.42
1023	LT	17.18				20+20.11	20+23.14	20+31.63	20+34.62
1020	RT	32.74				20+31.66	20+34.66	20+55.50	20+58.50
PUBLIC ALLEY	LT		56.36			STA. 20+86 (SEE PLANS FOR DETAILS)			
1012	RT			18.28		21+01.03	21+04.03	21+15.17	21+18.17
1007	LT	45.08				21+69.68	21+72.68	21+96.48	21+99.48
1006	RT			15.86		22+04.41	22+07.41	22+16.93	22+19.93
1000	RT	31.98				22+56.60	22+59.60	22+79.93	22+82.93
936	RT	17.43				23+26.59	23+29.59	23+40.16	23+43.16
934	RT			17.72		23+86.01	23+89.01	23+99.79	24+02.72
928	RT	28.25				24+02.72	24+05.64	24+23.48	24+26.48
921	LT			51.05		24+21.14	24+24.15	24+51.21	24+54.22
916	RT			21.06		STA. 25+22 (SEE PLANS FOR DETAILS)			
PUBLIC ALLEY	LT		56.69			STA. 25+19 (SEE PLANS FOR DETAILS)			
HOUSE S. OF 609 E 9th ST	LT			31.65		25+50.30	25+53.30	25+69.74	25+72.74
609 E 9th ST	LT				56.74	STA. 26+75 (SEE PLANS FOR DETAILS)			
101-106 PORTER PLAZA	RT				156.40	STA. 25+80 (SEE PLANS FOR DETAILS)			
<b>TOTAL</b>		<b>256.55</b>	<b>223.04</b>	<b>274.15</b>	<b>213.14</b>				

SCHEDULE OF TREE REMOVAL			
STATION	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER) (UNIT)	TREE REMOVAL (OVER 15 UNITS DIAMETER) (UNIT)
11+49.51	21.82 LT		24
14+80.89	13.95 LT		32
14+98.01	16.84 LT		32
18+22.91	19.12 LT		20
18+44.49	26.57 LT	14	
19+01.22	31.96 LT		24
19+93.91	32.75 RT	14	
20+72.82	19.08 LT		24
22+51.34	33.73 RT		18
23+09.07	30.29 RT		30
24+91.41	23.19 RT		24
	<b>TOTAL</b>	<b>28</b>	<b>228</b>

GARFIELD AVENUE EARTHWORK SCHEDULE						
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)		
STATION	STATION	CU YD	CU YD	CU YD	CU YD	
10+10	10+50	92.61	78.72	16.58	12.70	
10+50	10+96	80.29	68.25	19.58	14.47	
10+96	11+50	129.87	110.39	2.24	2.15	
11+50	12+00	133.59	113.55	2.19	8.33	
12+00	12+50	90.45	76.88	10.26	76.88	
12+50	13+00	0.00	0.00	25.68	192.88	
13+00	13+50	0.00	0.00	20.75	178.57	
13+50	14+00	0.00	0.00	19.73	181.66	
14+00	14+34	0.00	0.00	8.75	152.62	
14+34	15+00	0.00	0.00	14.85	280.28	
15+00	15+50	67.81	57.63	16.77	32.18	
15+50	16+00	75.97	64.57	17.83	46.74	
16+00	16+53	68.57	58.29	19.02	16.95	
16+53	17+00	56.85	48.32	16.89	22.13	
17+00	17+50	61.52	52.29	20.18	20.72	
17+50	18+00	28.76	24.44	25.50	74.94	
18+00	18+67	0.00	0.00	18.76	301.39	
18+67	19+00	0.00	0.00	2.90	180.75	
19+00	19+56	0.00	0.00	12.57	237.88	
19+56	20+00	0.00	0.00	16.38	176.89	
20+00	20+45	0.00	0.00	10.68	181.69	
20+45	21+00	0.00	0.00	10.75	221.66	
21+00	21+50	0.00	0.00	10.40	201.59	
21+50	22+00	0.00	0.00	12.02	197.28	
22+00	22+50	0.00	0.00	11.69	205.36	
22+50	22+98	0.00	0.00	9.52	232.52	
22+98	23+50	0.00	0.00	9.94	228.84	
23+50	23+95	0.00	0.00	9.01	153.05	
23+95	24+38	0.00	0.00	7.89	157.83	
24+38	25+00	0.00	0.00	14.94	235.53	
25+00	25+50	0.00	0.00	5.93	186.42	
25+50	26+00	0.00	0.00	7.18	178.32	
26+00	26+50	0.00	0.00	11.77	164.73	
26+50	27+03	65.48	55.66	13.08	40.02	
<b>Totals</b>		<b>955</b>	<b>810</b>	<b>455</b>	<b>4765</b>	

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1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

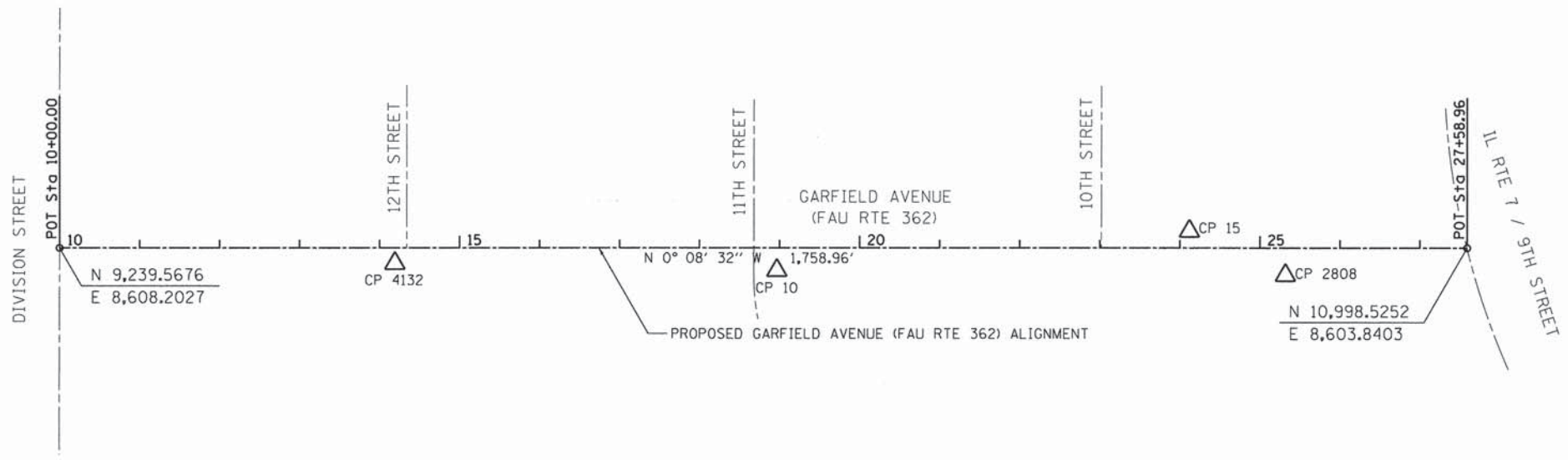
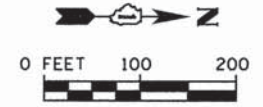
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 362	SECTION 12-00076-00-FP	COUNTY WILL	TOTAL SHEETS 59	SHEET NO. 14
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	



**BENCHMARK 1**  
ELEV. 601.44 (NAVD88)

BENCHMARK: SD 116.....BOLT SET IN THE SOUTHWEST CORNER OF THE INTERSECTION OF STATE AND NINTH STREET, AT A TWO-STORY BRICK BUILDING OWNED IN 1934 BY THOMAS FARREL (FORMERLY KNOWN AS THE ARNOLD BUILDING), 21.7 FEET WEST OF THE NORTHEAST CORNER OF THE BUILDING, AND IN THE NORTH WATER TABLE. THE CENTER PUNCH MARK IN THE END OF A COPPER BOLT LEADED IN THE STONE, MARKED SD.

**BENCHMARK 2**  
ELEV. 602.44 (NAVD88)

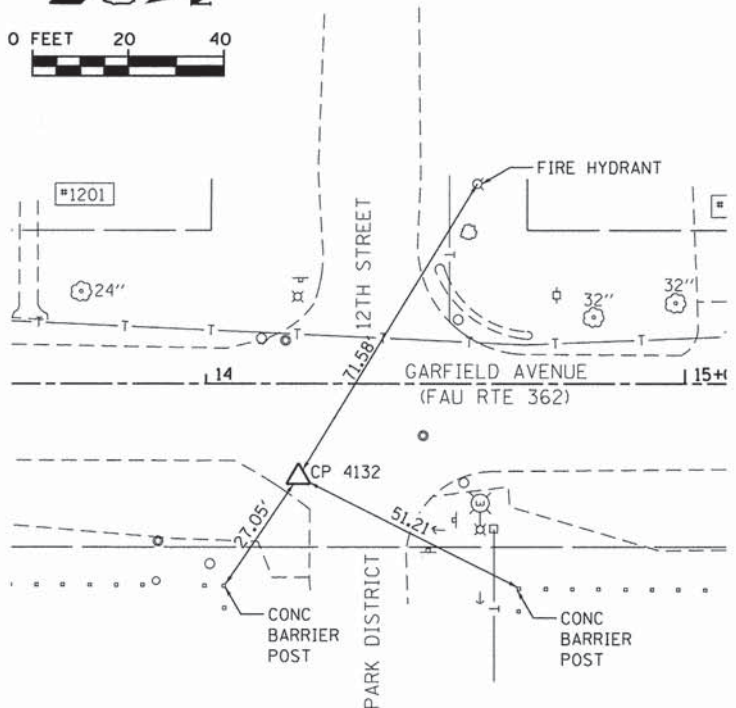
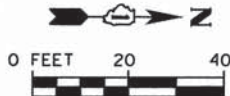
BENCHMARK : 6015.....BOLT WITH ARROW ON TOP OF FIRE HYDRANT IN THE SOUTHEAST CORNER OF 8TH STREET AND STATE STREET.

**NOTES:**

1. BEARINGS AND COORDINATES ARE BASED ON AN ASSUMED BEARING OF N 0° 08' 32" W FOR THE CENTERLINE OF GARFIELD AVENUE.
2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

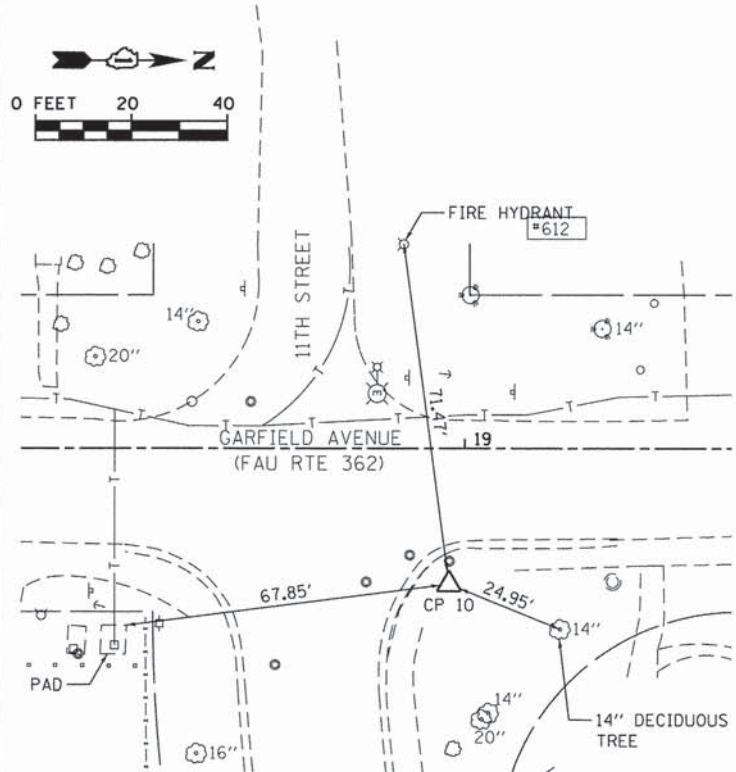
**CONTROL POINT #4132**

MAG NAIL  
STA 14+19.30, 19.41' RT  
N 9658.910  
E 8626.572  
EL 653.522



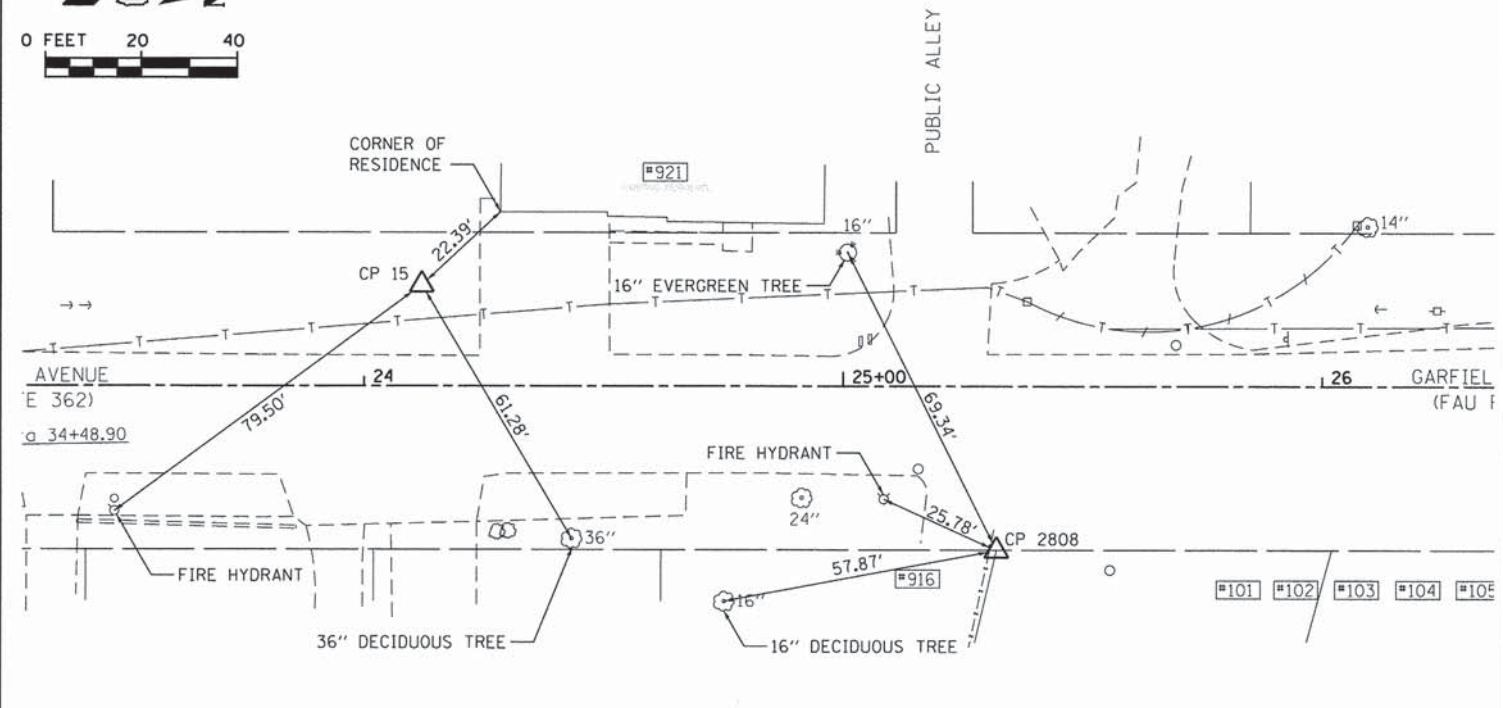
**CONTROL POINT #10**

CUT CROSS IN WALK  
STA 18+96.73, 28.25' RT  
N 10136.369  
E 8634.224  
EL 656.715



**CONTROL POINT #15**

IRON ROD  
STA 24+12.02, 21.04' LT  
N 10651.534  
E 8583.664  
EL 650.369



**CONTROL POINT #2808**

MAG NAIL  
STA 25+32.00, 34.11' RT  
N 10771.646  
E 8638.511  
EL 646.204



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PLOT DATE = 2/4/2014

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION







SCALE: VARIES SHEET 1 OF 1 SHEETS STA. TO STA.

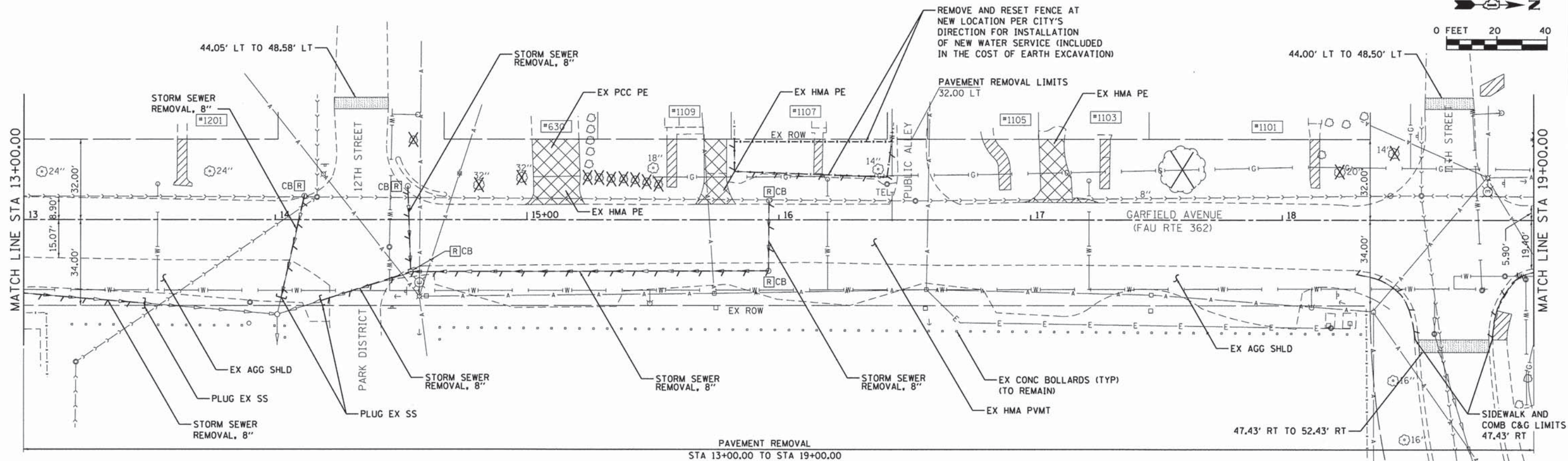
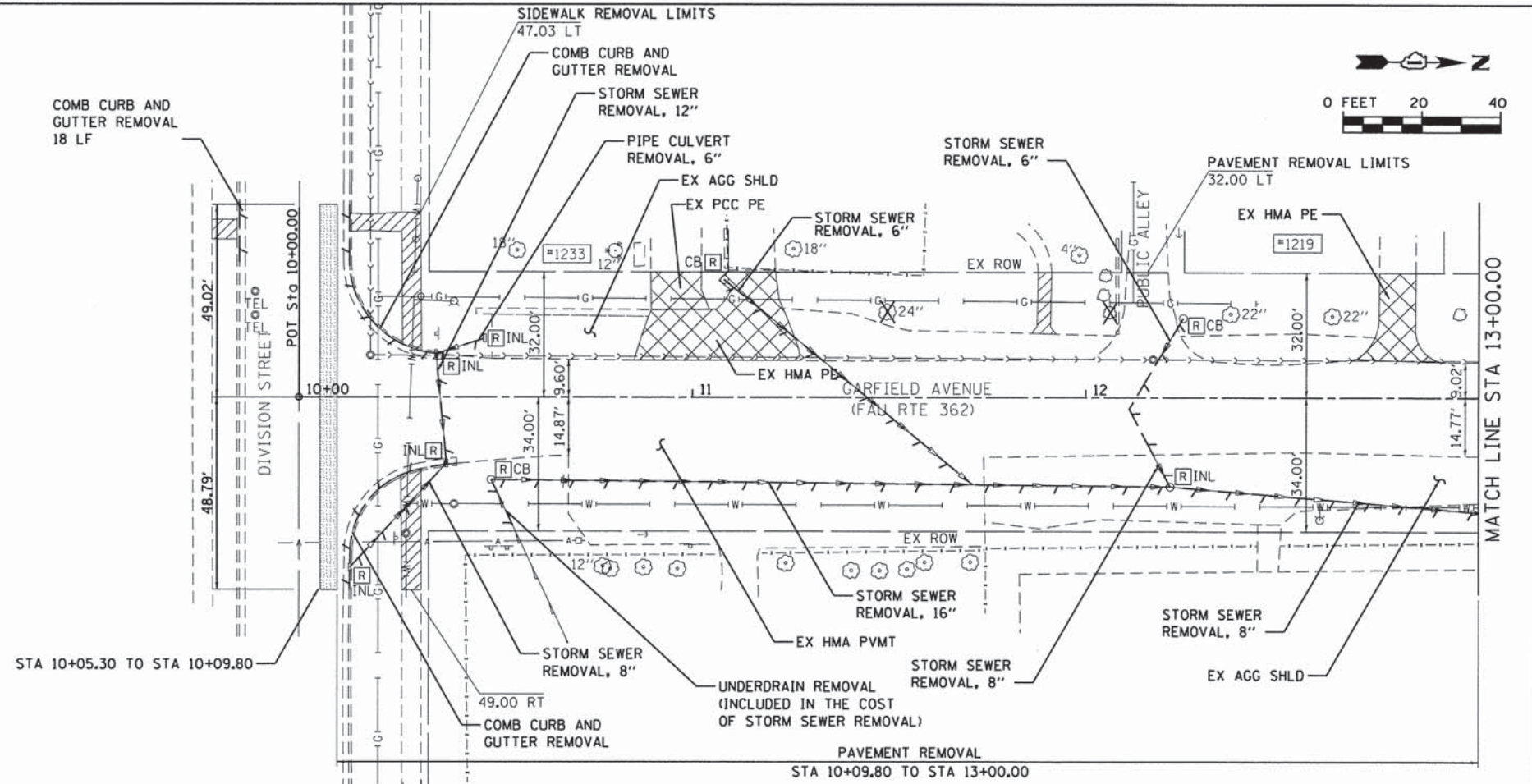
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CONTRACT NO. 61A26				ILLINOIS FED. AID PROJECT

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**NOTE:**

PRIOR TO TREE REMOVAL, THE CONTRACTOR SHALL STAKE THE LOCATION OF THE PROPOSED BACK OF CURB IN AREAS WHERE THE PROPOSED BACK OF CURB IS WITHIN 5 FEET OF THE EXISTING TREE. NO TREES SHALL BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

- LEGEND**
-  SIDEWALK REMOVAL
  -  DRIVEWAY PAVEMENT REMOVAL
  -  HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
  -  TREE REMOVAL
  -  LINEAR REMOVAL ITEMS
  -  DRAINAGE STRUCTURE TO BE REMOVED (MH, INL, CB)



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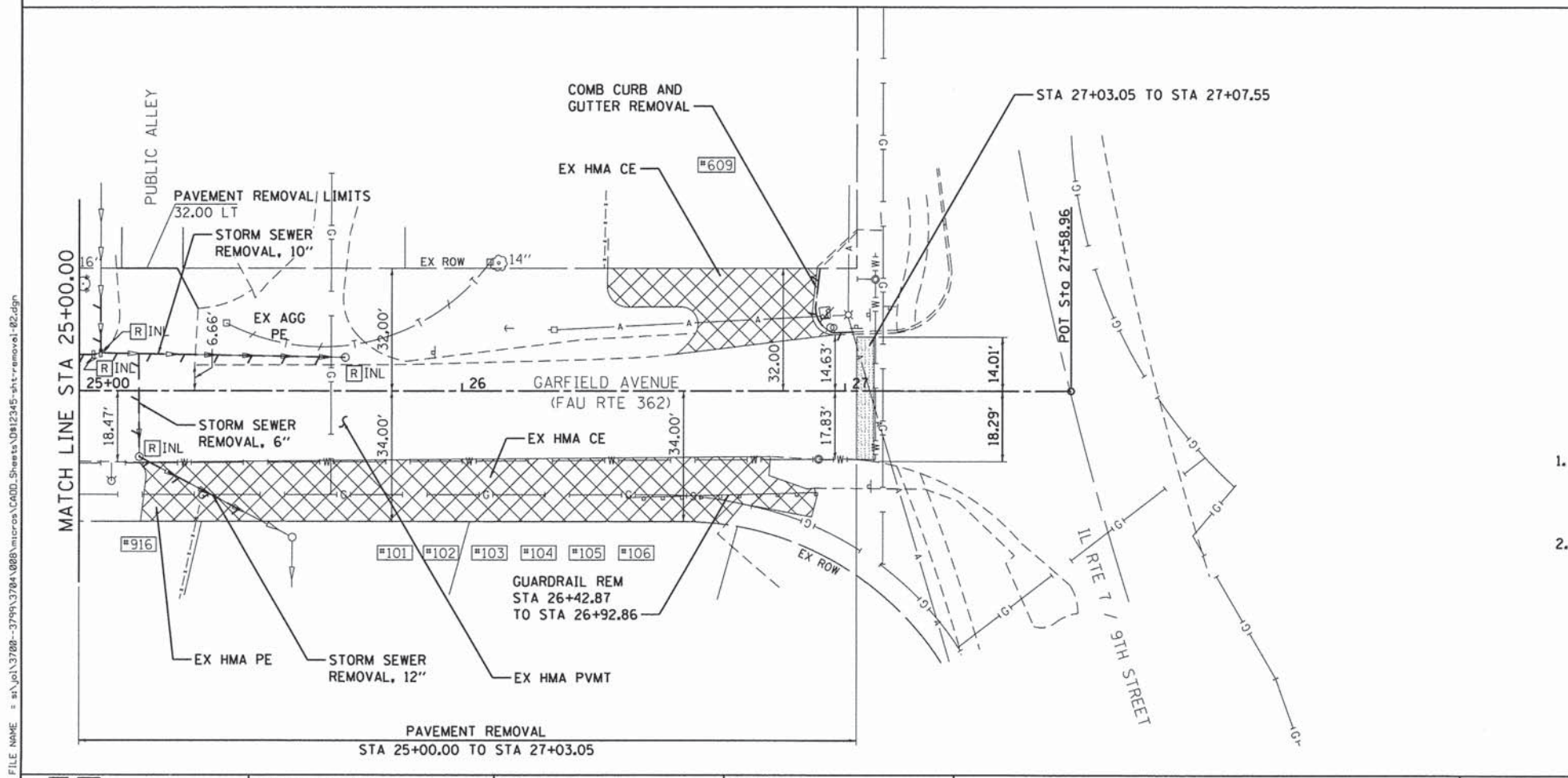
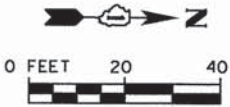
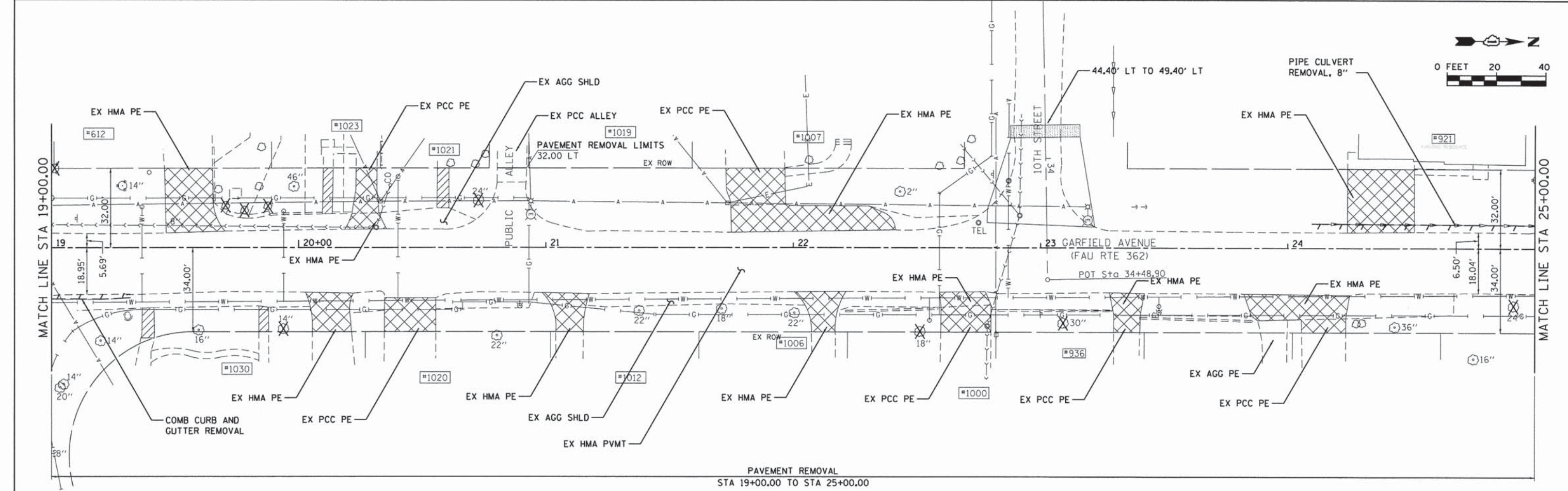
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE  
 REMOVAL PLAN**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 10+00.00 TO STA. 19+00.00

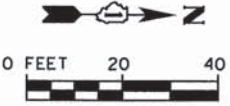
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	16
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	





**LEGEND**

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- TREE REMOVAL
- LINEAR REMOVAL ITEMS
- DRAINAGE STRUCTURE TO BE REMOVED (MH, INL, CB)



- NOTES:**
- PRIOR TO TREE REMOVAL, THE CONTRACTOR SHALL STAKE THE LOCATION OF THE PROPOSED BACK OF CURB IN AREAS WHERE THE PROPOSED BACK OF CURB IS WITHIN 5 FEET OF THE EXISTING TREE. NO TREES SHALL BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.
  - THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM, THE TERM ENVIRONMENTAL FIRM SHALL MEAN AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY IDOT DOCUMENTATION INCLUDES BUT NOT LIMITED TO VERIFYING REMEDIATION AND SPECIAL WASTE OPERATIONS FOR SITES CONTAMINATED WITH GASOLINE, DIESEL, OR WASTE OIL IN ACCORDANCE WITH ALL FEDERAL, STATE, OR LOCAL REGULATORY REQUIREMENTS AND SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL. THE ENVIRONMENTAL FIRM SELECTED SHALL NOT BE A FORMER OR CURRENT CONSULTANT OR HAVE ANY TIES WITH ANY OF THE PROPERTIES CONTAINED WITHIN AND/OR ADJACENT TO THIS CONSTRUCTION PROJECT.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE  
 REMOVAL PLAN**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA. 19+00.00 TO STA. 27+58.96

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	17
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

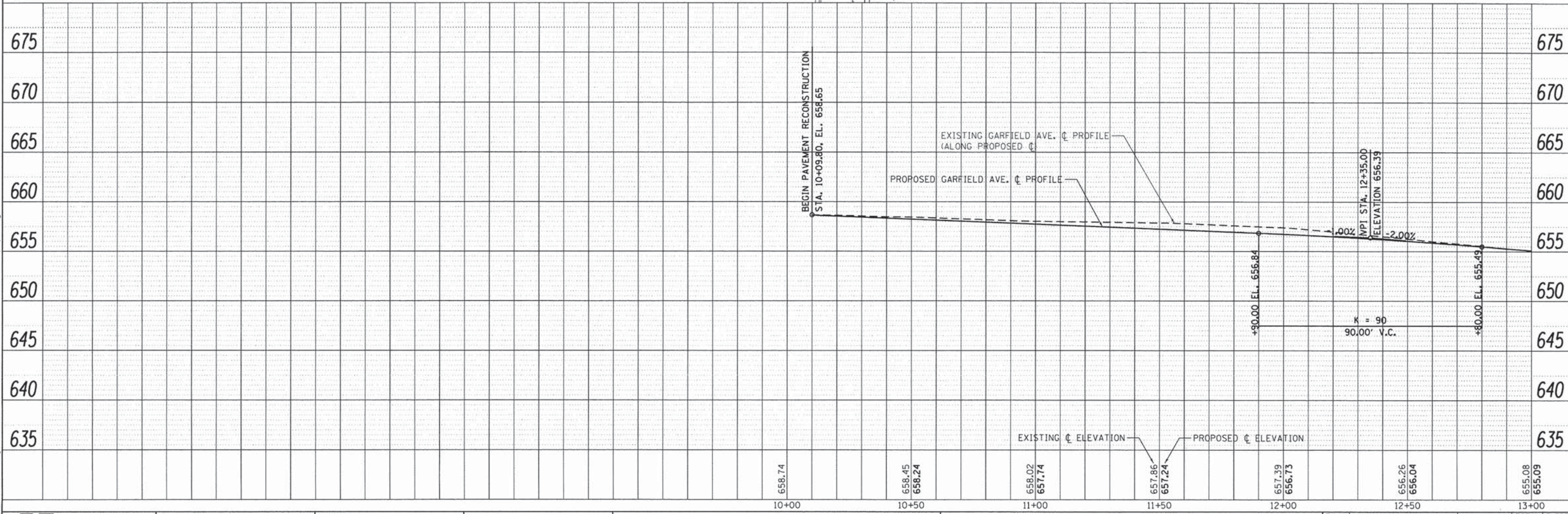
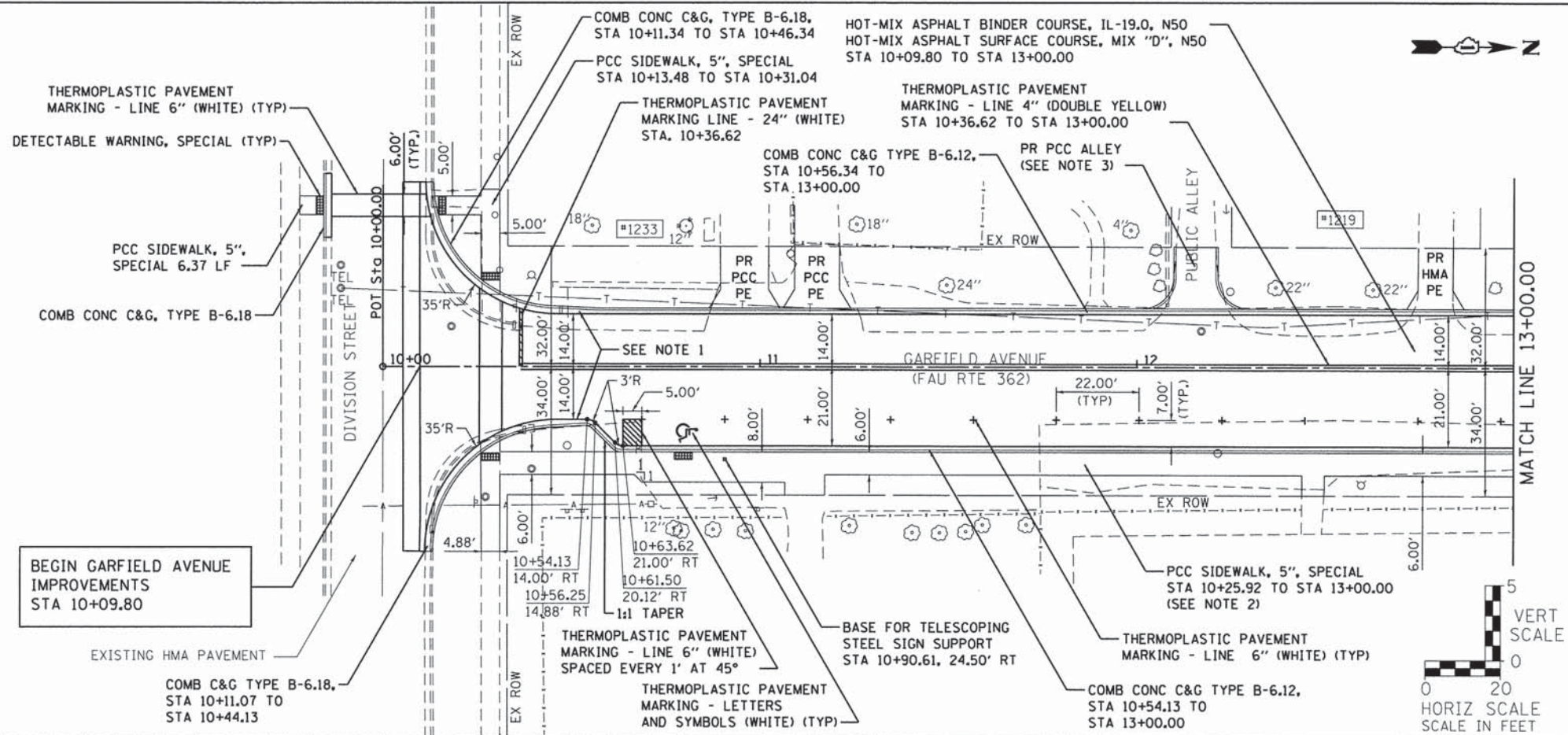
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**NOTES:**

1. TRANSITION FROM COMBINATION CONCRETE CURB AND GUTTER TYP B-6.18 TO B-6.12, RT STA 10+44.13 TO STA 10+54.13 LT STA 10+46.34 TO STA 10+56.34
2. SIDEWALK SHALL BE 6" DEPTH BENEATH PROPOSED DRIVEWAYS AND 8" DEPTH BENEATH PROPOSED ALLEYS.
3. SEE DISTRICT ONE DETAIL BD-17 FOR ALLEY DESIGN DETAILS.
4. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.



**SA** 1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
**STRAND** (815) 744-4200  
ASSOCIATES

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MODEL NAME = Default  
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PLOT DATE = 2/4/2014

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

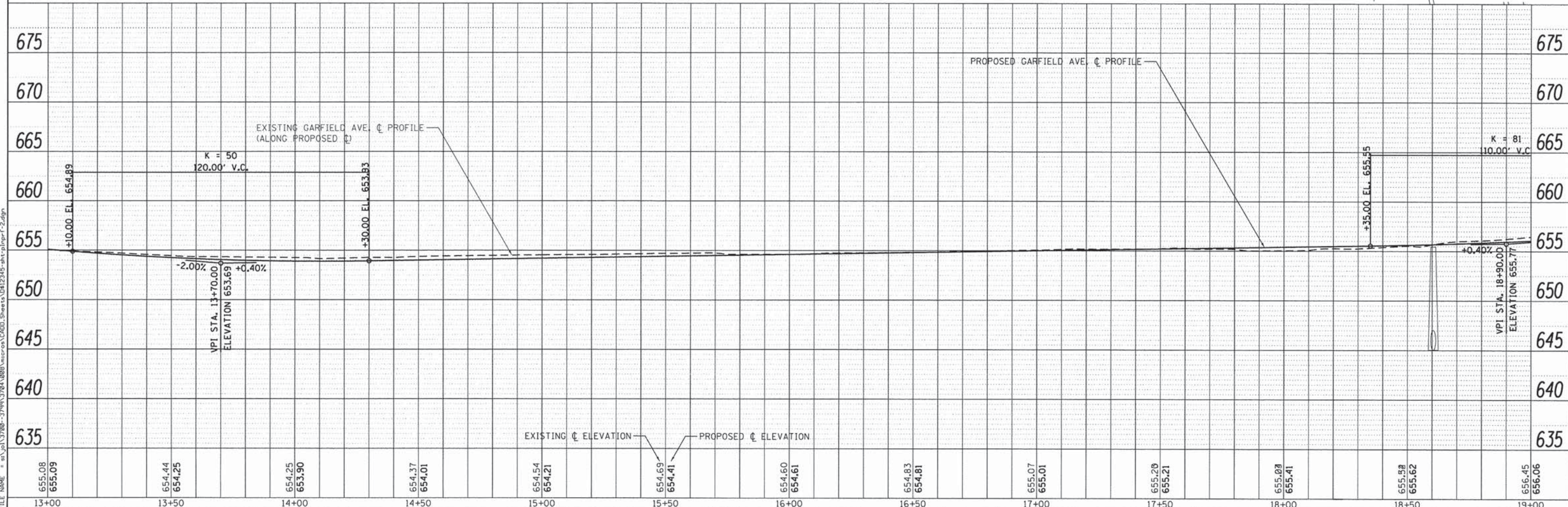
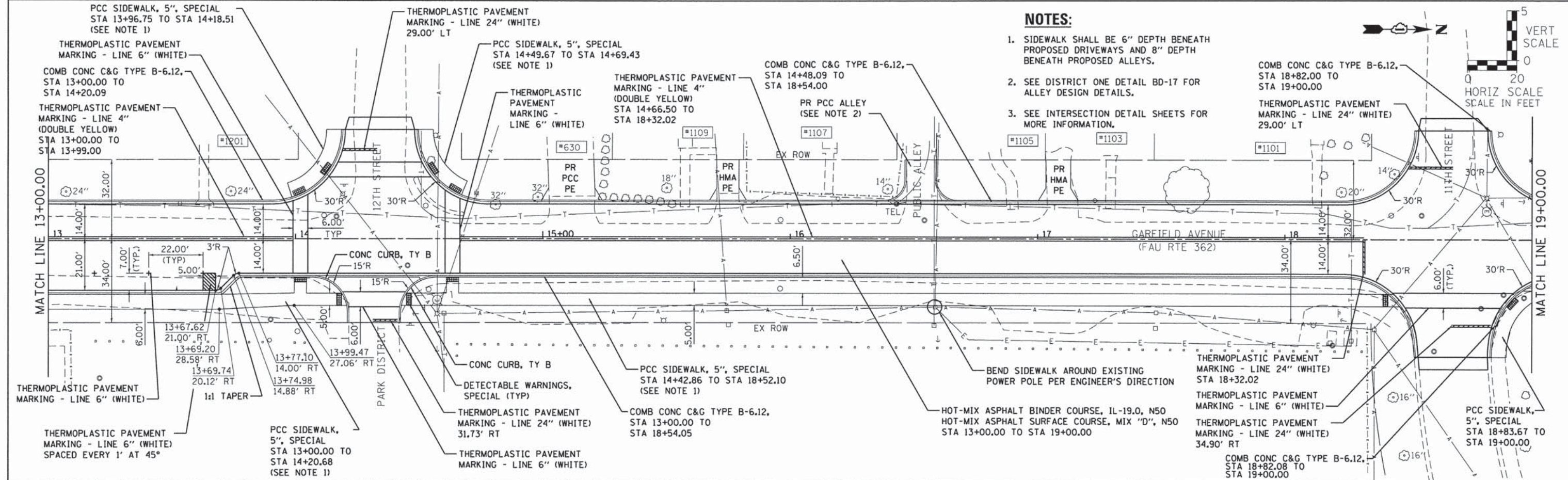
**GARFIELD AVENUE**  
**PLAN AND PROFILE**

SCALE: 20-H 5-V SHEET 1 OF 4 SHEETS STA. 10+10.00 TO STA. 13+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	18
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

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FILE NAME	

PROFILE	DATE
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BY	
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FILE NAME	



13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	19+00													
655.08	655.09	654.44	654.25	654.25	653.90	654.37	654.01	654.54	654.21	654.69	654.41	654.60	654.61	654.83	654.81	655.07	655.01	655.20	655.21	655.07	655.41	655.58	655.62	656.45	656.06

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
STRAND ASSOCIATES

USER NAME = dennisw  
MODEL NAME = Default  
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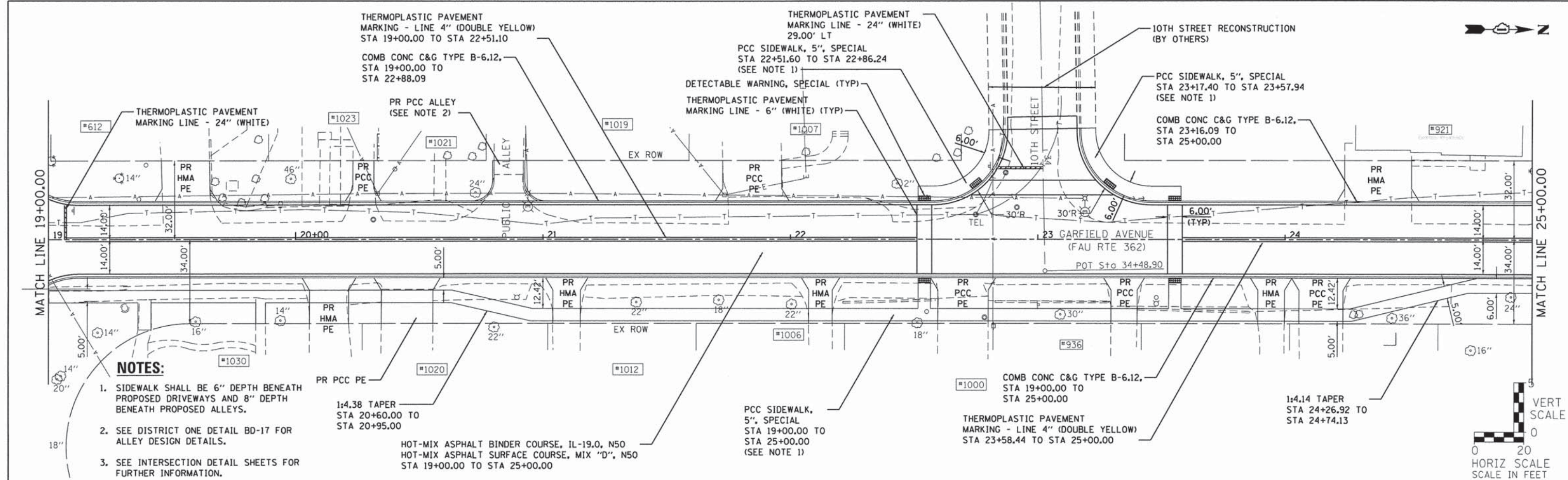
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GARFIELD AVENUE  
PLAN AND PROFILE  
SCALE: 20-H 5-V SHEET 2 OF 4 SHEETS STA. 13+00.00 TO STA. 19+00.00

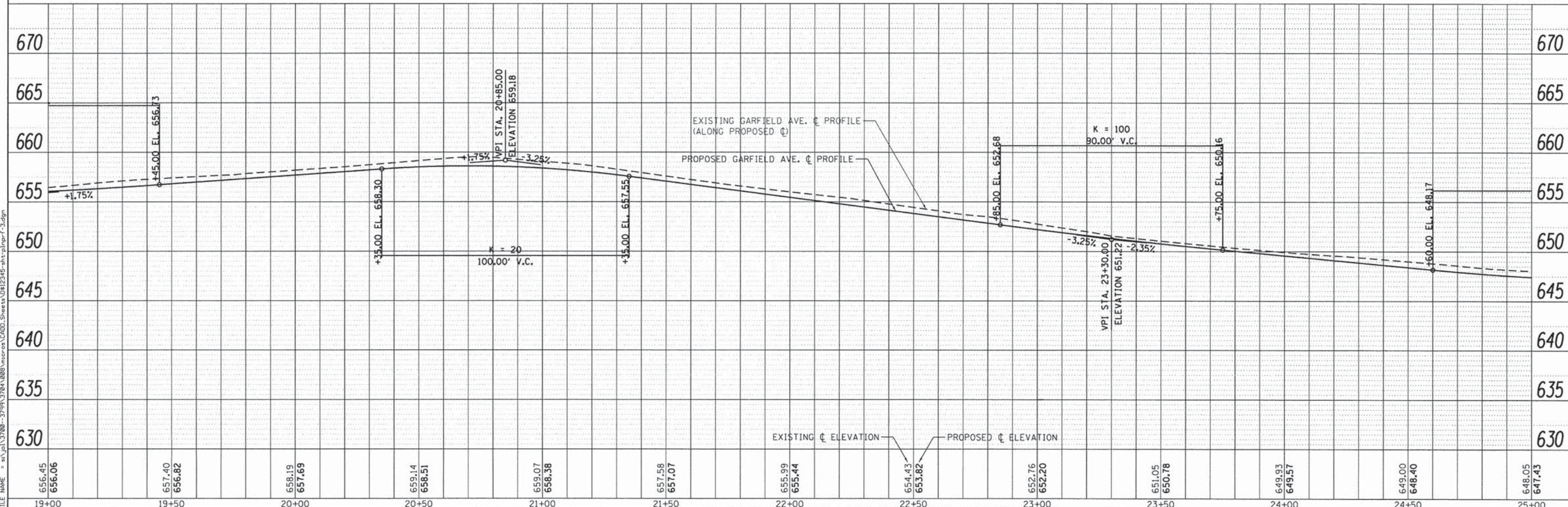
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CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

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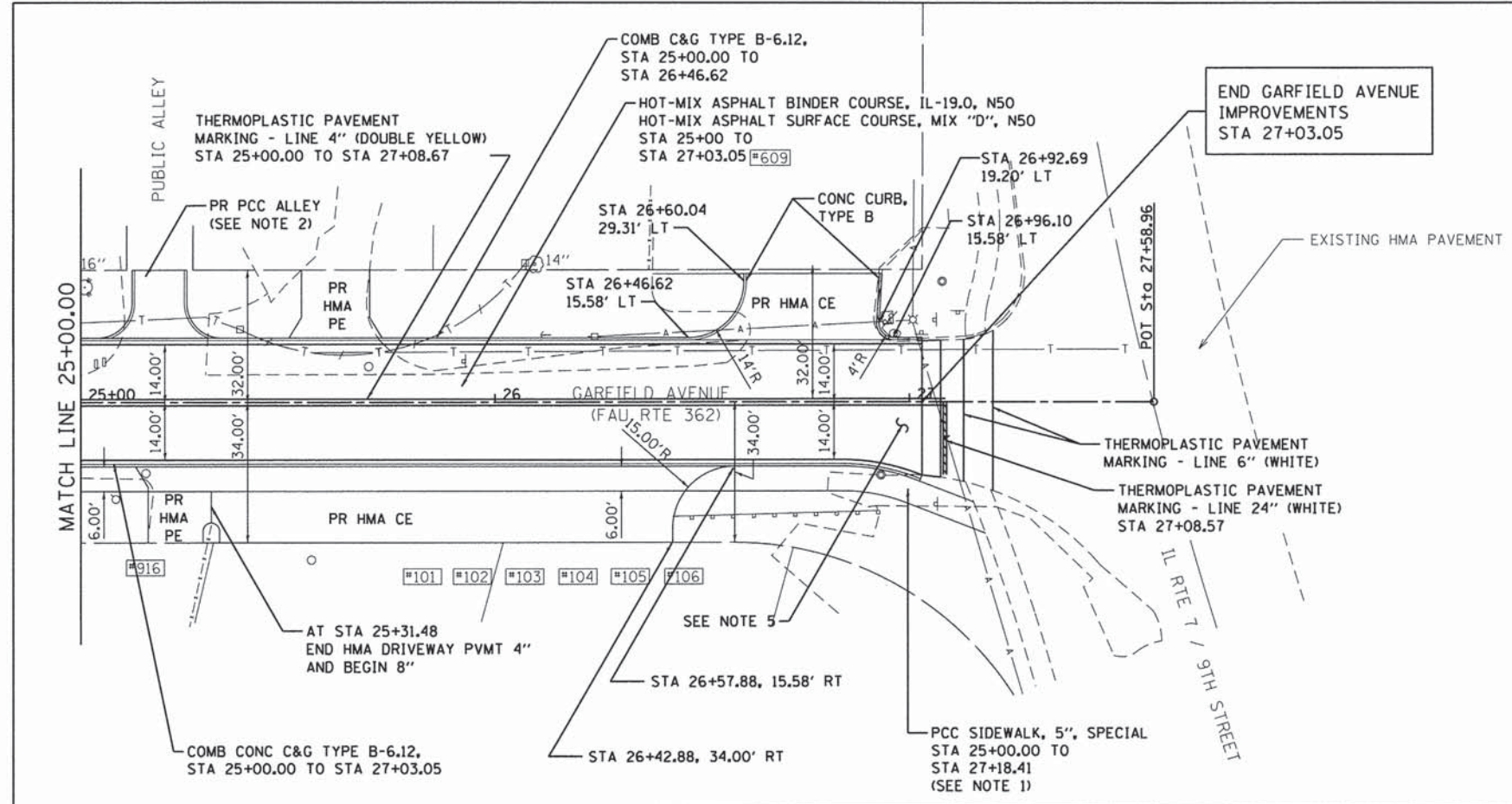
- NOTES:**
- SIDEWALK SHALL BE 6" DEPTH BENEATH PROPOSED DRIVEWAYS AND 8" DEPTH BENEATH PROPOSED ALLEYS.
  - SEE DISTRICT ONE DETAIL BD-17 FOR ALLEY DESIGN DETAILS.
  - SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.





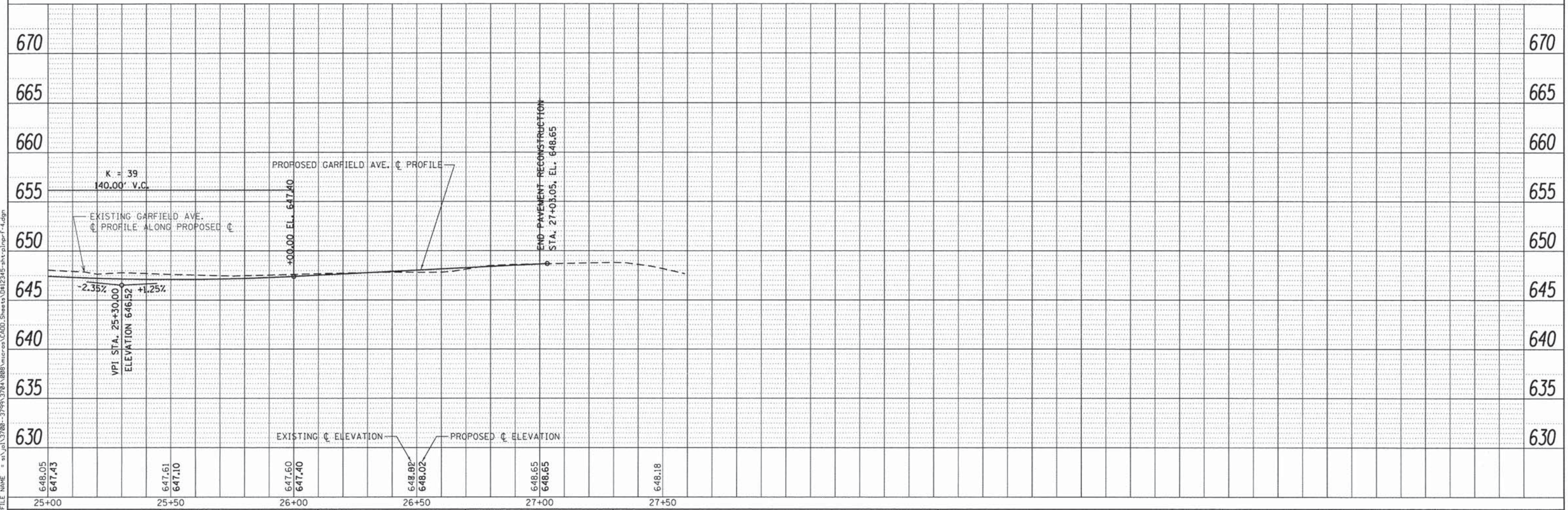
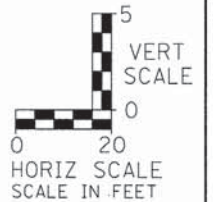
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	NO.	
	FILE NAME	



**NOTES:**

1. SIDEWALK SHALL BE 6" DEPTH BENEATH PROPOSED DRIVEWAYS AND 8" DEPTH BENEATH PROPOSED ALLEYS.
2. SEE DISTRICT ONE DETAIL BD-17 FOR ALLEY DESIGN DETAILS.
3. SEE INTERSECTION DETAIL SHEET FOR FURTHER INFORMATION.
4. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM. THE TERM ENVIRONMENTAL FIRM SHALL MEAN AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY IDOT DOCUMENTATION INCLUDES BUT NOT LIMITED TO VERIFYING REMEDIATION AND SPECIAL WASTE OPERATIONS FOR SITES CONTAMINATED WITH GASOLINE, DIESEL, OR WASTE OIL IN ACCORDANCE WITH ALL FEDERAL, STATE, OR LOCAL REGULATORY REQUIREMENTS AND SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL. THE ENVIRONMENTAL FIRM SELECTED SHALL NOT BE A FORMER OR CURRENT CONSULTANT OR HAVE ANY TIES WITH ANY OF THE PROPERTIES CONTAINED WITHIN AND/OR ADJACENT TO THIS CONSTRUCTION PROJECT.
5. PROPOSED ROADWAY CROSS SLOPE OF 2% SHALL BE EVENLY TRANSITIONED TO MATCH THE EXISTING CROSS SLOPE AT IL ROUTE 7 AT THE FOLLOWING STATIONS:  
NORTHBOUND LANE STA 26+80  
SOUTHBOUND LANE STA 26+68



1170 SOUTH HOBOLT ROAD  
JULIET, ILLINOIS 60431  
(815) 744-4200  
STRAND ASSOCIATES

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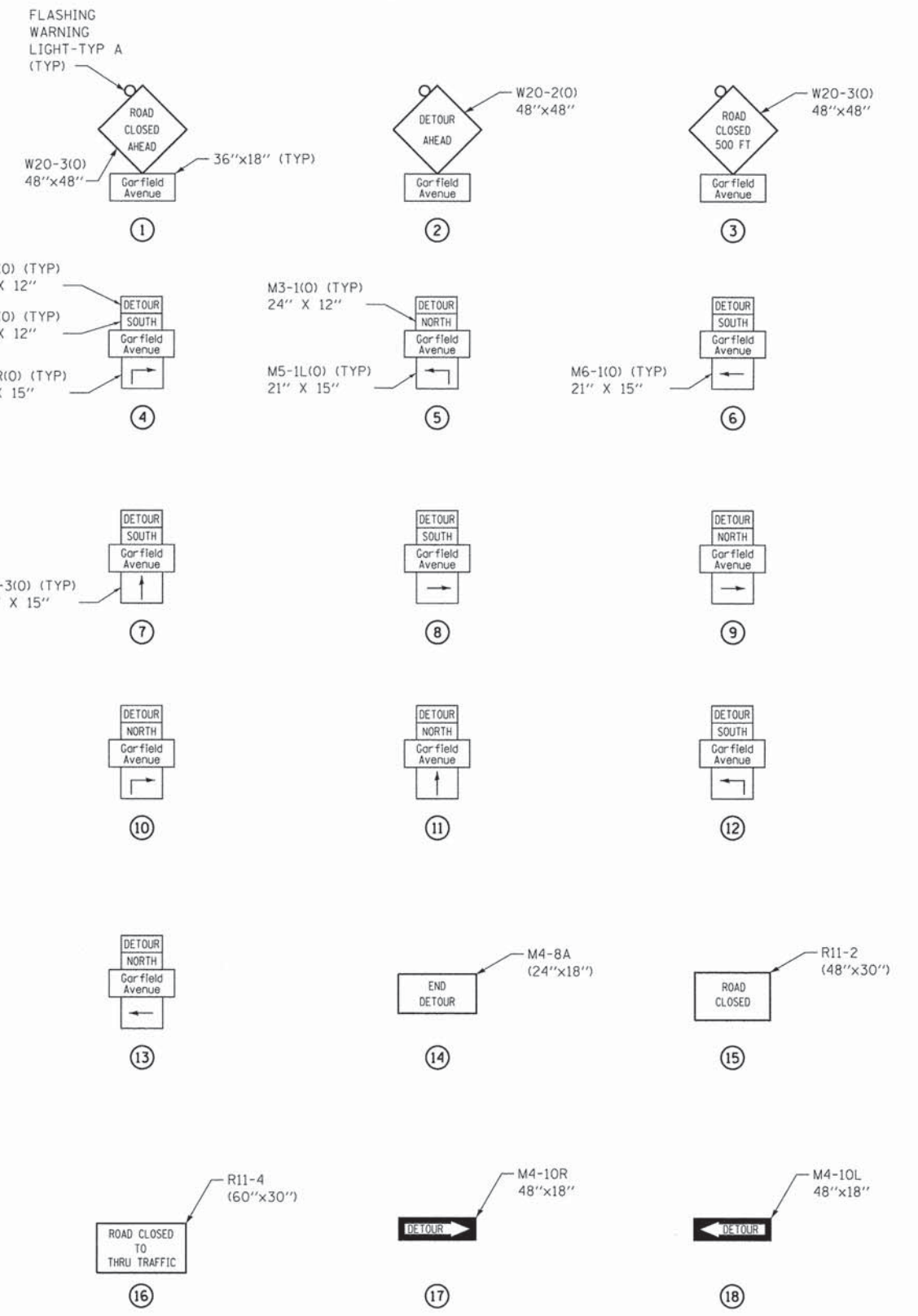
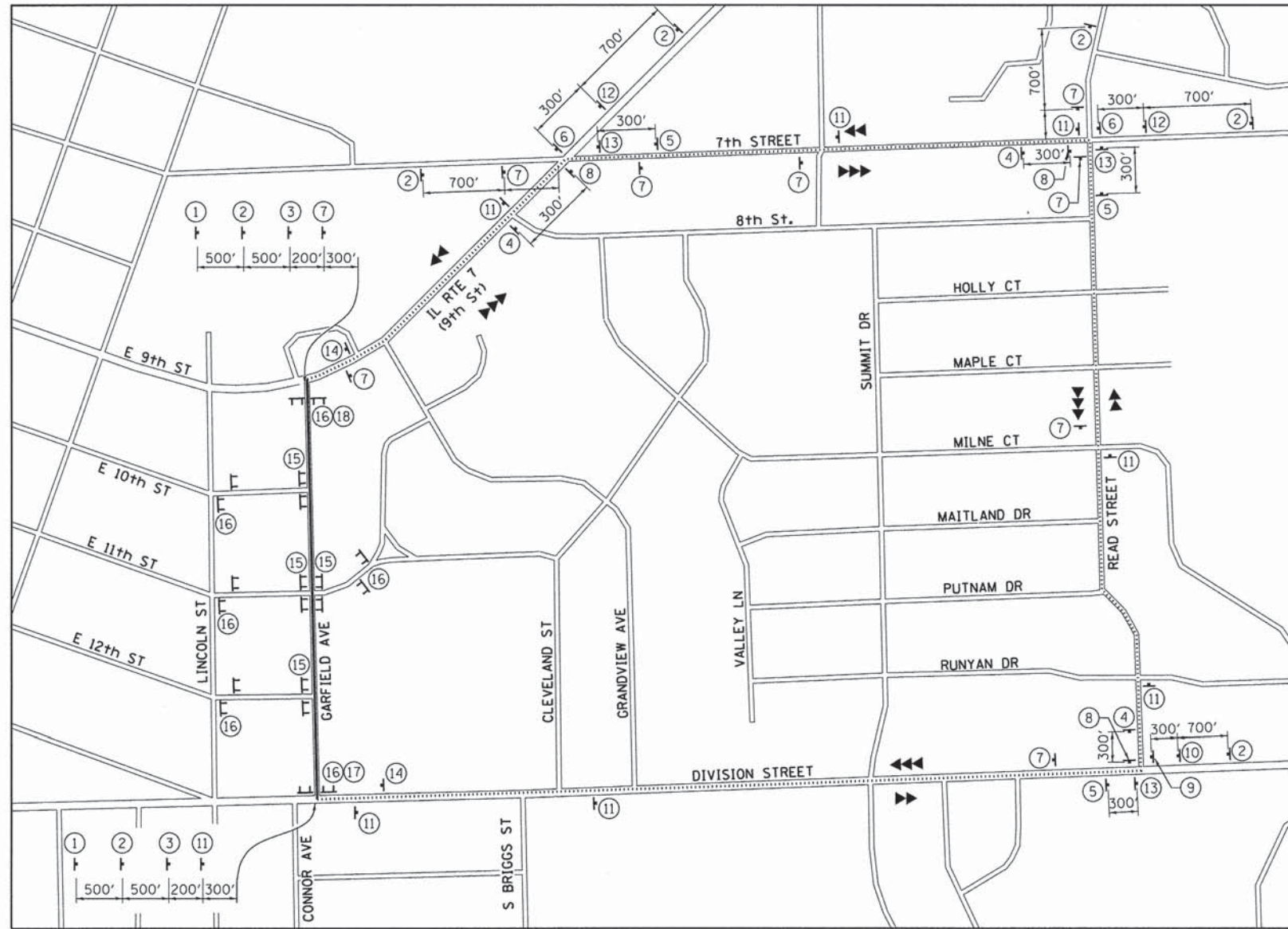
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE  
PLAN AND PROFILE**

F.A.U. RTE. 362	SECTION 12-00076-00-FP	COUNTY WILL	TOTAL SHEETS 59	SHEET NO. 21
				CONTRACT NO. 61A26
ILLINOIS FED. AID PROJECT				

SCALE: 20-H 5-V SHEET 4 OF 4 SHEETS STA. 25+00.00 TO STA. 27+00.00

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**MAINTENANCE OF TRAFFIC NOTES**

1. THE CONTRACTOR SHALL CONTACT THE ENGINEER, DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4420, ALL LOCAL AGENCIES, PARK DISTRICT, EMERGENCY SERVICES AND SCHOOL DISTRICTS A MINIMUM OF 72 HOURS PRIOR TO PROVIDING THE DETOUR.
2. COMMERCIAL DRIVEWAY ENTRANCES SHALL UTILIZE TWO "DRIVEWAY ENTRANCE" SIGNS SHOWN ON TC-26 FOR COMMERCIAL ENTRANCES AT THE PORTER PLAZA AND MOTORS MORE. THESE SIGNS WILL BE PAID FOR AS TEMPORARY INFORMATION SIGNS.
3. CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO ALL INTERSECTIONS AND ENTRANCES DURING CONSTRUCTION OF THE PROJECT. THE WIDTHS FO THE ACCESS SHALL MATCH THE EXISTING WIDTH OF THE PAVEMENT. INTERSECTION AND ALLEY RAMPS SHALL BE INSTALLED BY 5 PM THE SAME DAY AFTER COMMENCING PAVEMENT REMOVAL AT THE INTERSECTION. DRIVEWAY RAMPS SHALL BE INSTALLED BY 5 PM THE SAME DAY AFTER COMMENCING PAVEMENT REMOVAL CONTIGUOUS TO EACH DRIVEWAY. TEMPORARY ACCESS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
4. ON-STREET PARKING: VEHICLES WILL BE PERMITTED TO PARK ON GARFIELD AVENUE WHEN THE AGGREGATE SUBGRADE IMPROVEMENT IS FINISHED.

**LEGEND:**

- ↑ SIGN
- ⊥ TYPE III BARRICADES WITH TWO FLASHING LIGHTS
- ➡ NORTHBOUND DETOURED TRAFFIC
- ➡➡ SOUTHBOUND DETOURED TRAFFIC
- ..... PROPOSED DETOUR
- ROAD CLOSED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
AND DETOUR PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	22
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

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**SA**  
STRAND  
ASSOCIATES

1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED -	REVISED -
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SCALE: SHEET OF SHEETS STA. TO STA.

**EROSION CONTROL GENERAL NOTES**

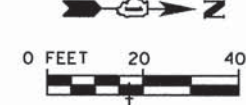
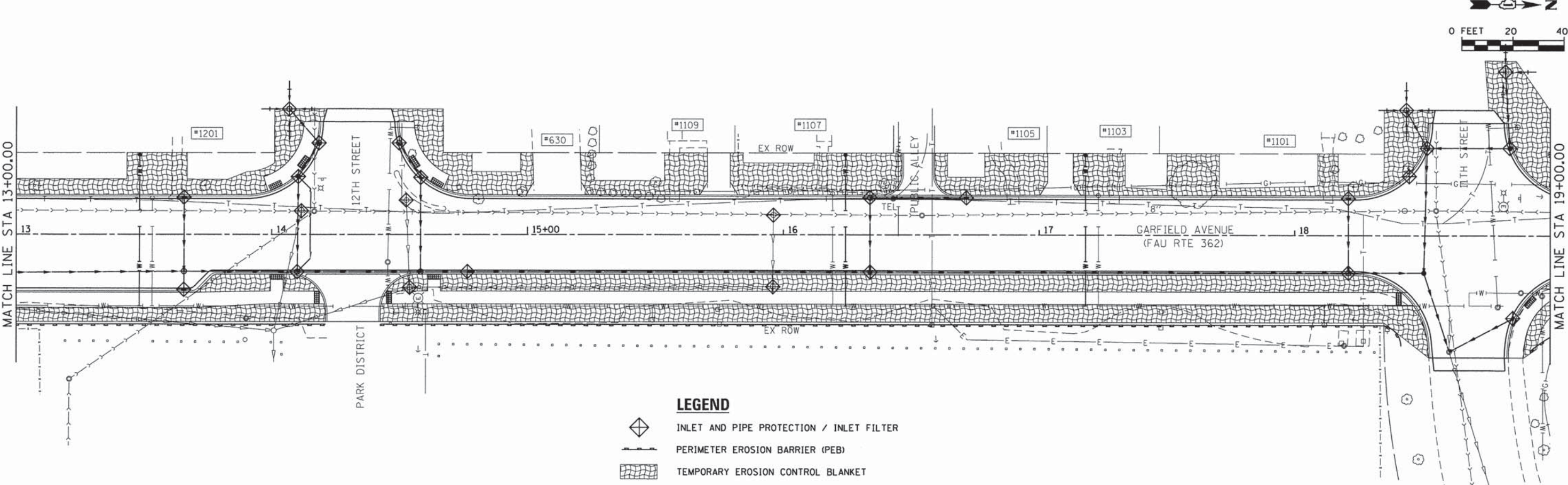
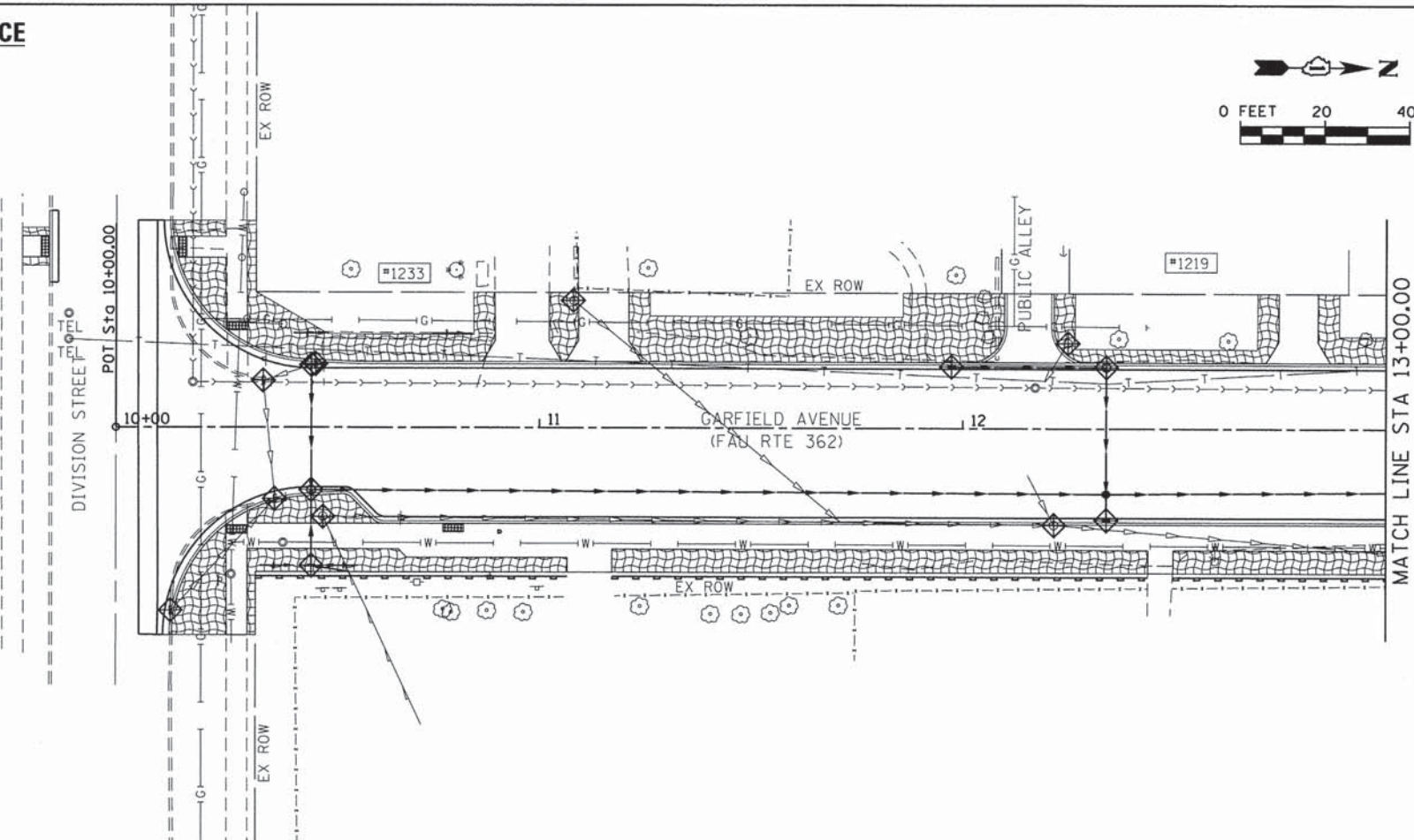
1. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED WITH 4" TOPSOIL, TEMPORARY EROSION CONTROL BLANKET AND SODDING, SALT TOLERANT (SPECIAL).
2. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
3. TEMPORARY EROSION CONTROL BLANKET SHALL BE USED ON ALL AREAS OF SOIL DISTURBANCES AND SHALL BE IN ACCORDANCE WITH THE "ILLINOIS URBAN MANUAL", LATEST EDITION AND "IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" SECTIONS, LATEST EDITION SECTION 251.04.
4. STRAW AND SILT FENCE BARRIERS SHALL NOT BE USED IN ACCORDANCE WITH THE "ILLINOIS URBAN MANUAL" FOR INLET AND PIPE PROTECTION.
5. PROPOSED DRAINAGE STRUCTURES RECEIVING RUNOFF SHALL BE PROTECTED WITH INLET FILTERS OR INLET AND PIPE PROTECTION IMMEDIATELY AFTER CONSTRUCTION.
6. INLET FILTERS SHALL BE USED ONLY IN PAVED AREAS.
7. FOR INLET AND PIPE PROTECTION, USE A COMBINATION OF TEMPORARY SEED, EROSION CONTROL BLANKET, AND TEMPORARY ROLLED EXCELSIOR FOR PIPE PROTECTION. THE USE OF STRAW BALES FOR PIPE PROTECTION SHALL NOT BE ALLOWED.
8. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS.
9. PERIMETER EROSION BARRIER IS SHOWN OUTSIDE THE ROW FOR CLARITY. PERIMETER EROSION BARRIER SHOULD BE CONSTRUCTED 6" INSIDE ROW IN THESE LOCATIONS.

**EROSION & SEDIMENT CONTROL MAINTENANCE**

1. TEMPORARY EROSION BARRIER: AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL PERIMETER EROSION BARRIER WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE SILT FENCE FUNCTIONAL AS DESIGNED.
2. TEMPORARY EROSION CONTROL BLANKET: AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL TEMPORARY EROSION CONTROL BLANKETS WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE TEMPORARY EROSION CONTROL BLANKET FUNCTIONAL AS DESIGNED.

**CONSTRUCTION SEQUENCE**

1. INSTALL SEDIMENT AND EROSION CONTROL SYSTEMS.
2. INSTALL TREE PROTECTION.
3. COMPLETE TREE REMOVAL, CLEARING, AND GRUBBING.
4. INSTALL STORM SEWER AND STRUCTURES.
5. STRIP TOPSOIL AND BEGIN MASS GRADING OF PROPOSED GARFIELD AVENUE. TEMPORARY EROSION CONTROL SEEDING.
6. COMPLETE ROADWAY AGGREGATE SUBGRADE, CURB AND GUTTER, AND BINDER COURSE.
7. INSTALL SIDEWALKS AND COMPLETE DRIVEWAY PAVING.
8. PLACE TOPSOIL AND SODDING.
9. COMPLETE FINAL SURFACE COURSE, PAVEMENT MARKINGS, AND RESTORATION.
10. REMOVE EROSION CONTROL MEASURES AND RESTORE AS NEEDED.



**LEGEND**

	INLET AND PIPE PROTECTION / INLET FILTER
	PERIMETER EROSION BARRIER (PEB)
	TEMPORARY EROSION CONTROL BLANKET

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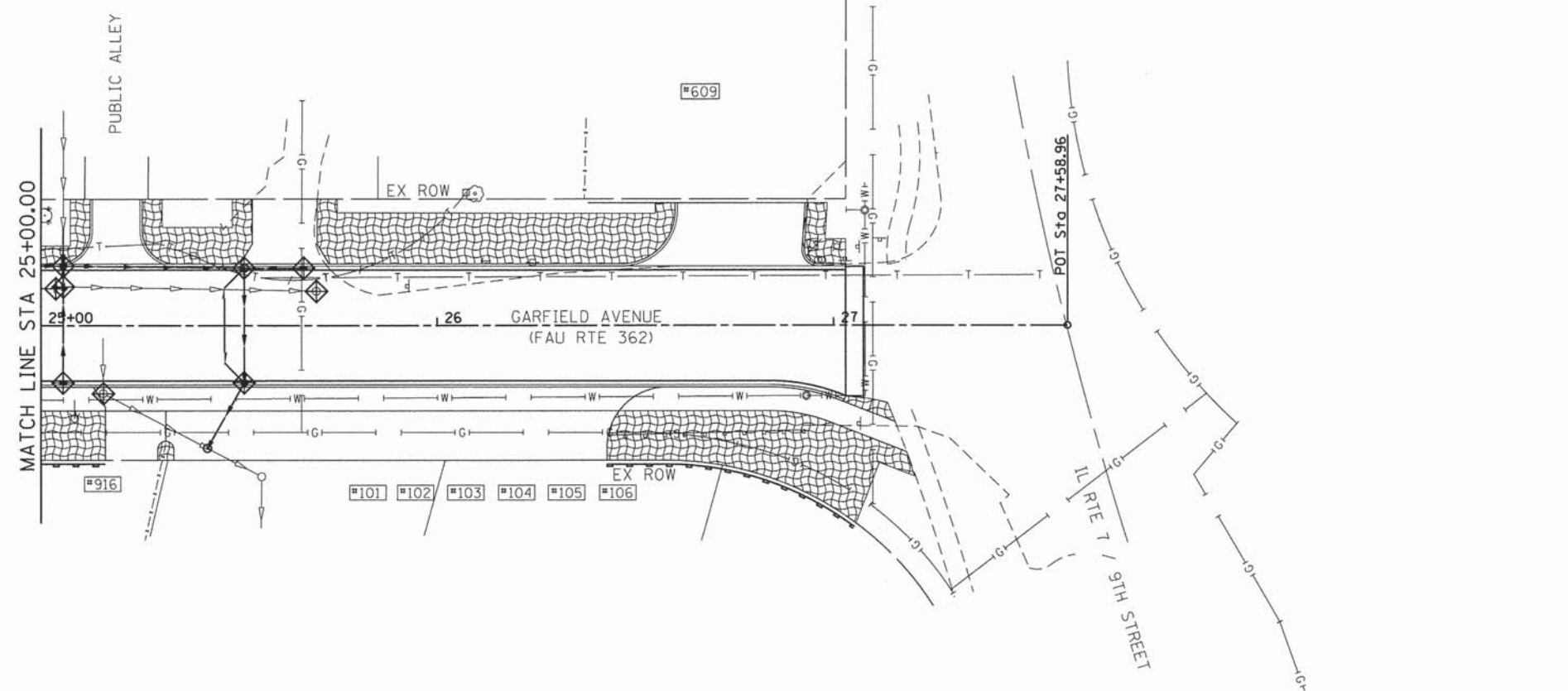
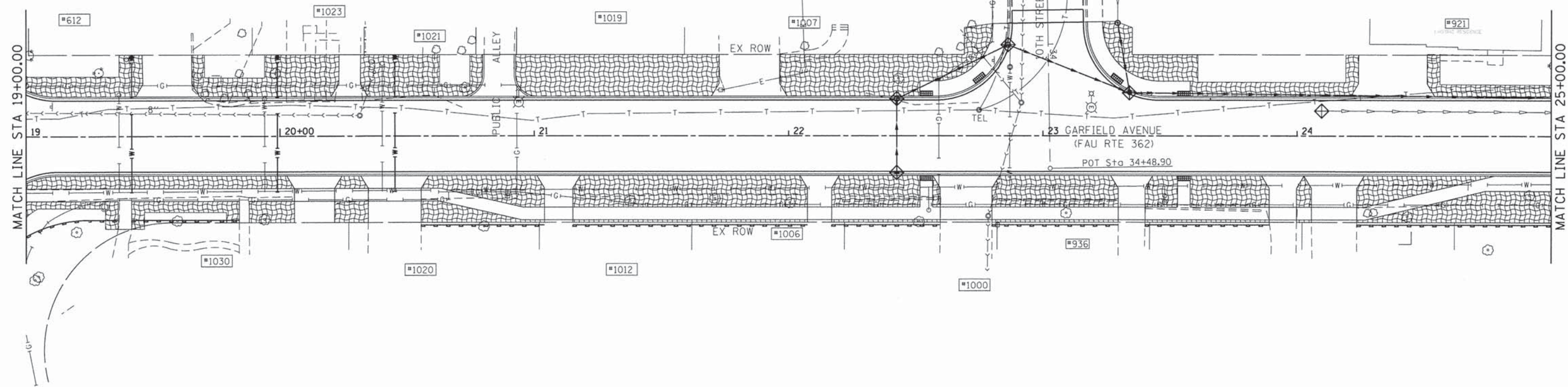
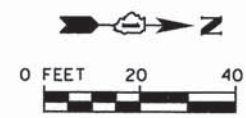
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GARFIELD AVENUE  
TEMPORARY SEDIMENT AND EROSION CONTROL PLAN

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	23
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	



- LEGEND**
- INLET AND PIPE PROTECTION / INLET FILTER
  - PERIMETER EROSION BARRIER (PEB)
  - TEMPORARY EROSION CONTROL BLANKET

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PLOT DATE = 2/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE  
TEMPORARY SEDIMENT AND EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA.                    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	24
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

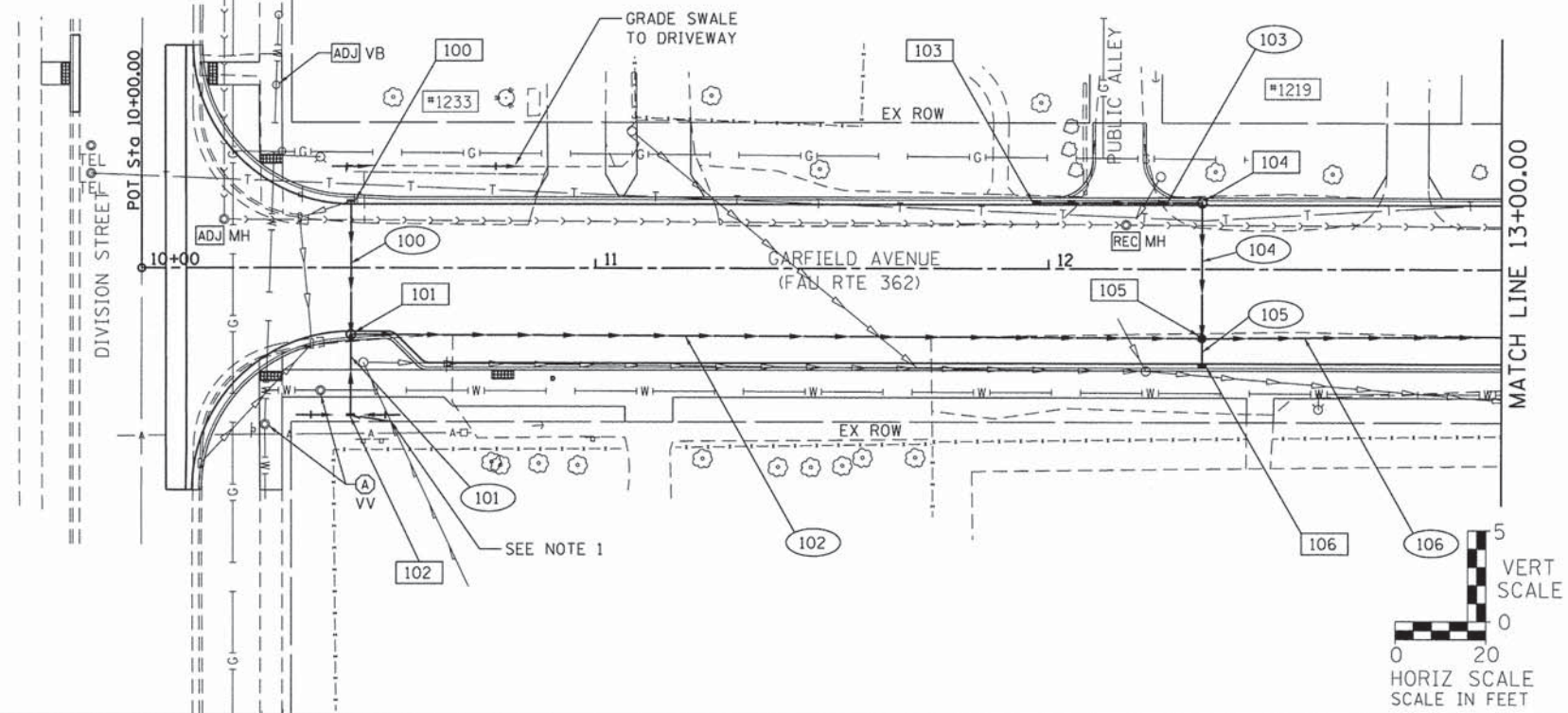




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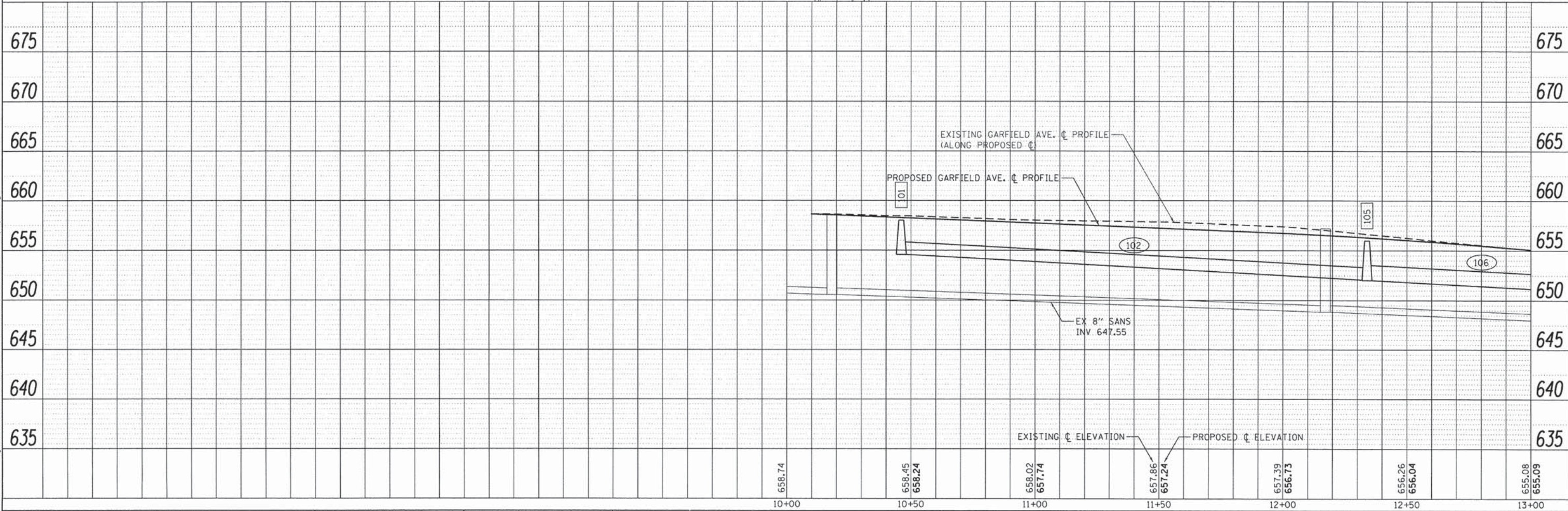
**NOTES:**

- CONNECT PROPOSED PIPE UNDERDRAIN, 4" TO EXISTING UNDERDRAIN AND STRUCTURE 102. COST OF CONNECTION SHALL BE INCLUDED IN THE COST OF INLET-TYPE A, TYPE 8 GRATE.



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**SA** 1170 SOUTH HOUBOLT ROAD  
JULIET, ILLINOIS 60431  
**STRAND** (815) 744-4200  
ASSOCIATES\*

USER NAME = dennisw  
MODEL NAME = Default  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

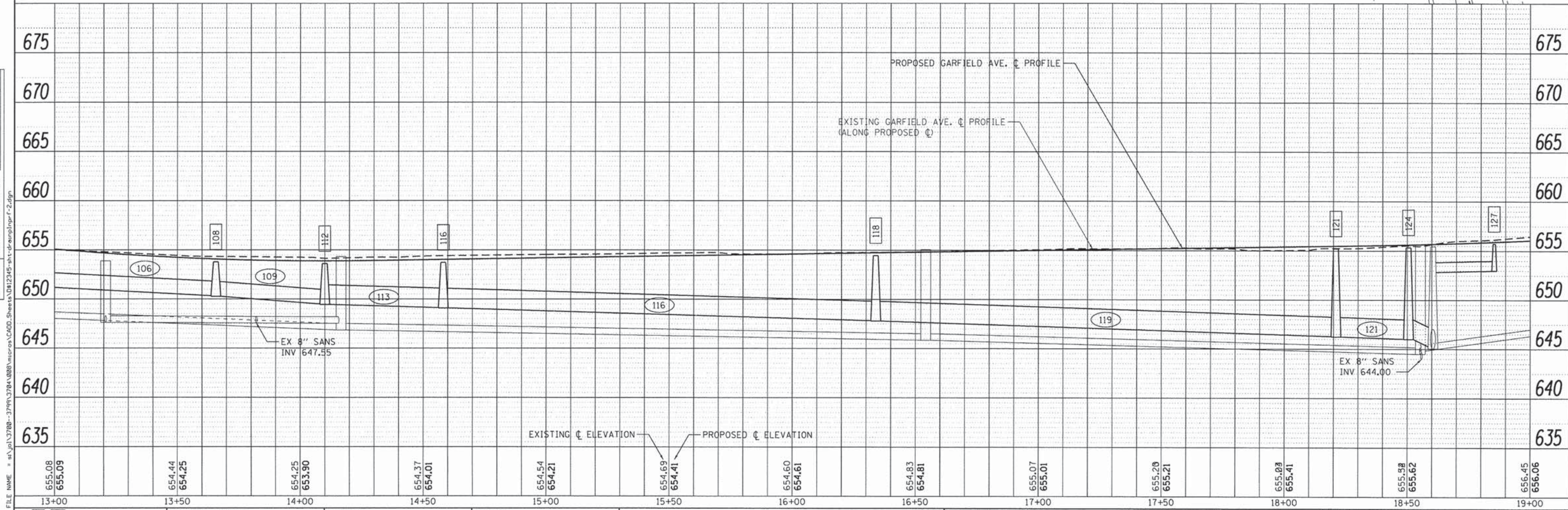
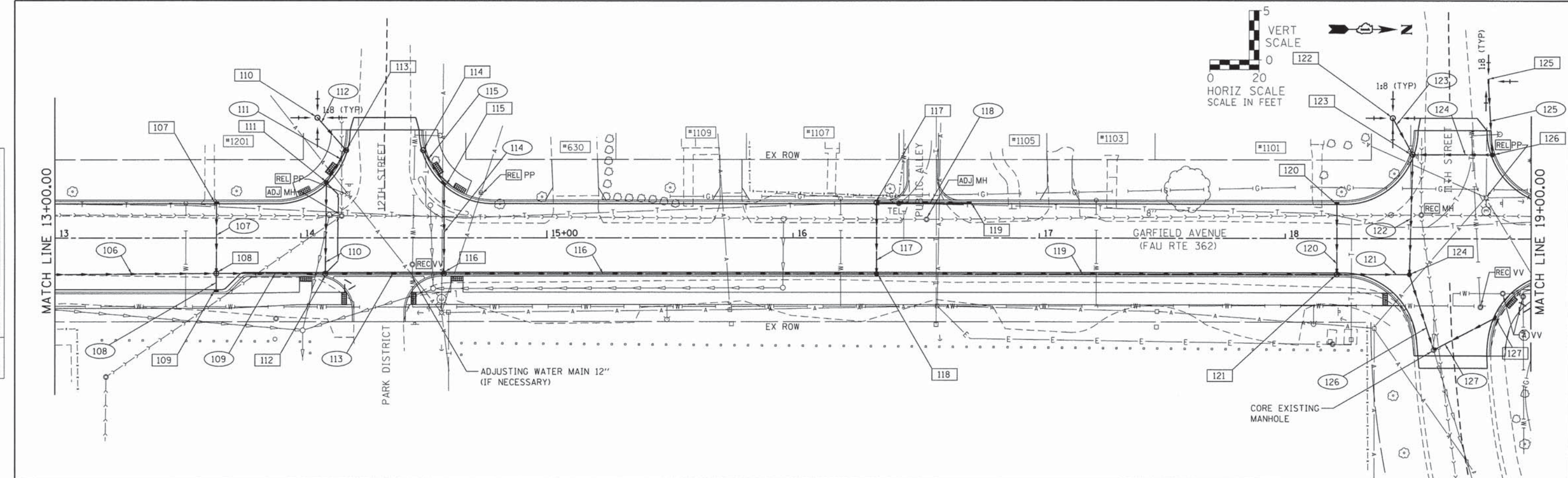
**GARFIELD AVENUE  
DRAINAGE PLAN AND PROFILE**

SCALE: 20-H 5-V SHEET 1 OF 4 SHEETS STA. 10+10.00 TO STA. 13+00.00

F.A.U. RTE. 362	SECTION 12-00076-00-FP	COUNTY WILL	TOTAL SHEETS 59	SHEET NO. 26
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

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1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
STRAND ASSOCIATES\*

USER NAME = dennisw	DESIGNED -	REVISED -
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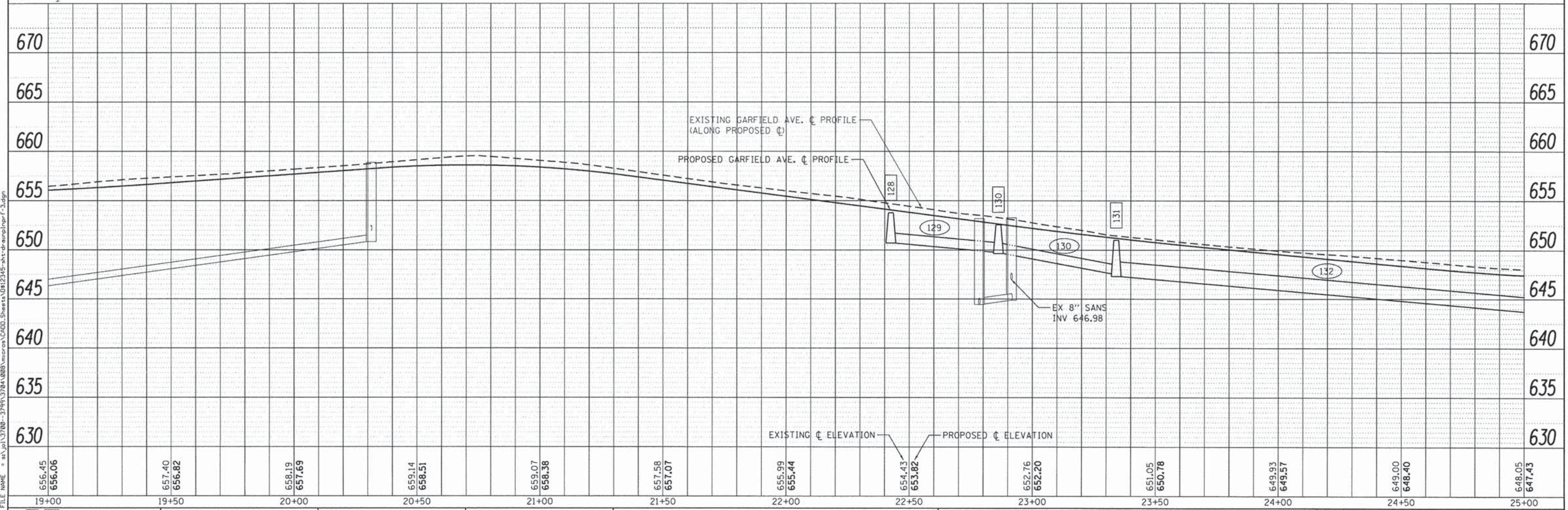
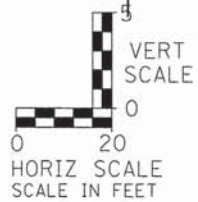
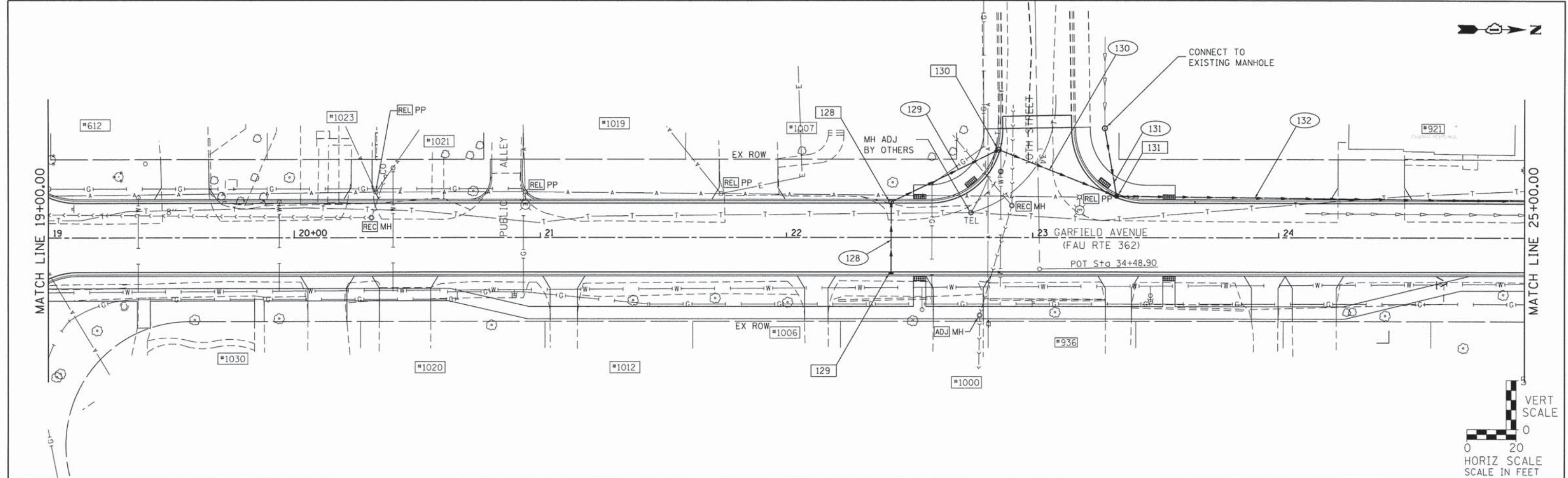
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GARFIELD AVENUE  
DRAINAGE PLAN AND PROFILE  
SCALE: 20-H 5-V SHEET 2 OF 4 SHEETS STA. 13+00.00 TO STA. 19+00.00

F.A.U. RTE. 362	SECTION 12-00076-00-FP	COUNTY WILL	TOTAL SHEETS 59	SHEET NO. 27
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

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**STRAND ASSOCIATES**  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

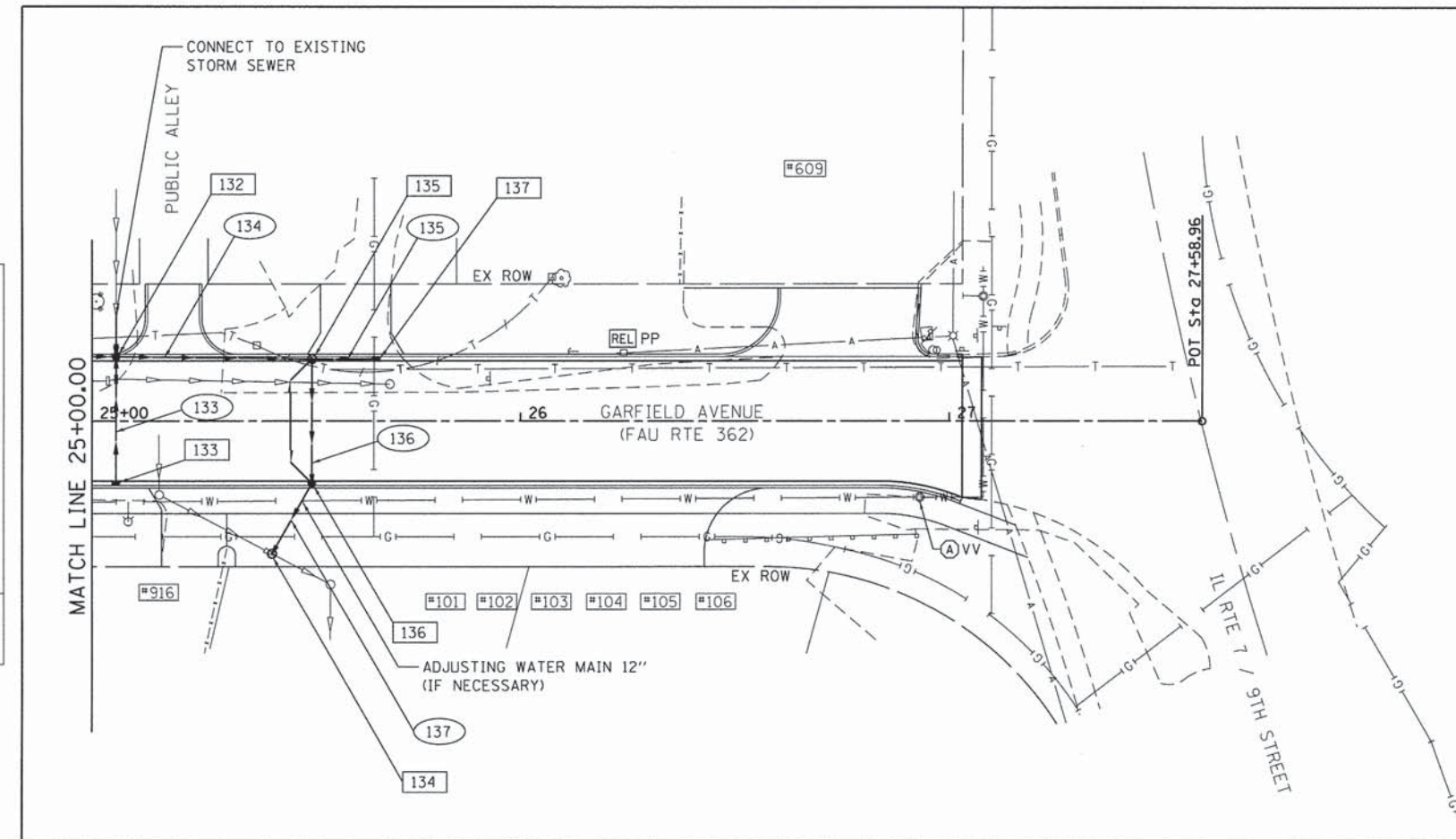
**GARFIELD AVENUE  
DRAINAGE PLAN AND PROFILE**

SCALE: 20-H 5-V SHEET 3 OF 4 SHEETS STA. 19+00.00 TO STA. 25+00.00

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CONTRACT NO. 61A26				ILLINOIS FED. AID PROJECT

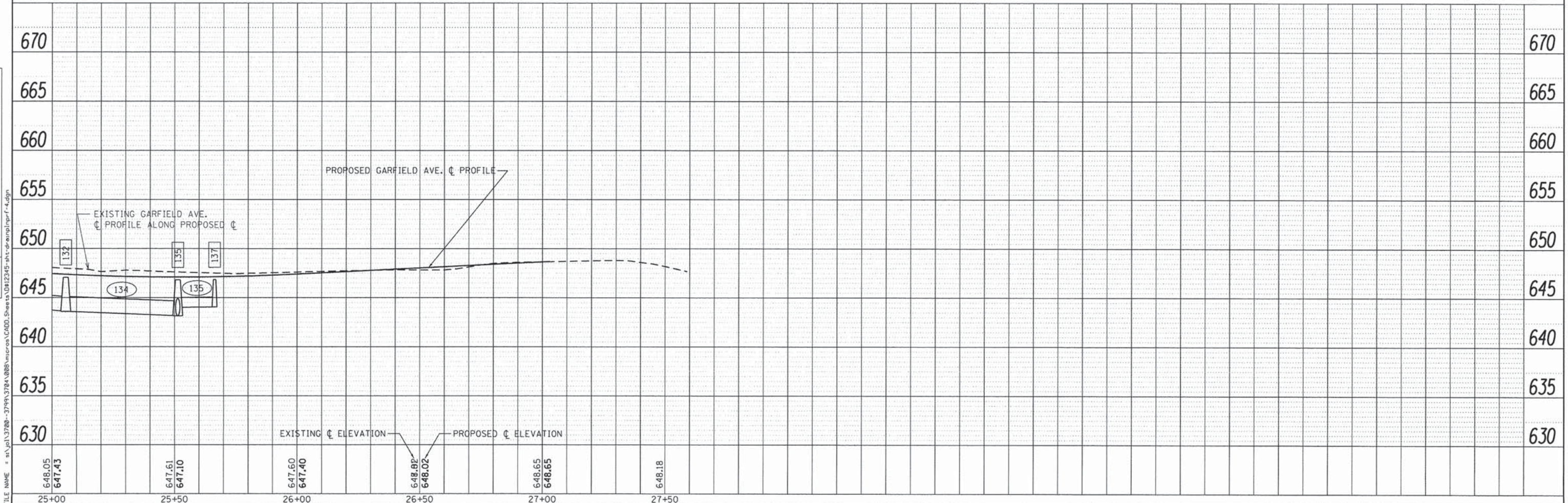
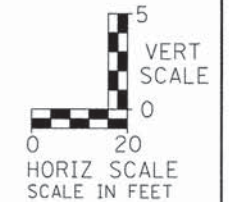
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PROFILE	SURVEYED	DATE
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	NO.	
	FILE NAME	



**NOTES:**

1. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM. THE TERM ENVIRONMENTAL FIRM SHALL MEAN AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE TANK (LUST) CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY IDOT DOCUMENTATION INCLUDES BUT NOT LIMITED TO VERIFYING REMEDIATION AND SPECIAL WASTE OPERATIONS FOR SITES CONTAMINATED WITH GASOLINE, DIESEL, OR WASTE OIL IN ACCORDANCE WITH ALL FEDERAL, STATE, OR LOCAL REGULATORY REQUIREMENTS AND SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL. THE ENVIRONMENTAL FIRM SELECTED SHALL NOT BE A FORMER OR CURRENT CONSULTANT OR HAVE ANY TIES WITH ANY OF THE PROPERTIES CONTAINED WITHIN AND/OR ADJACENT TO THIS CONSTRUCTION PROJECT.



**SA STRAND ASSOCIATES**  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

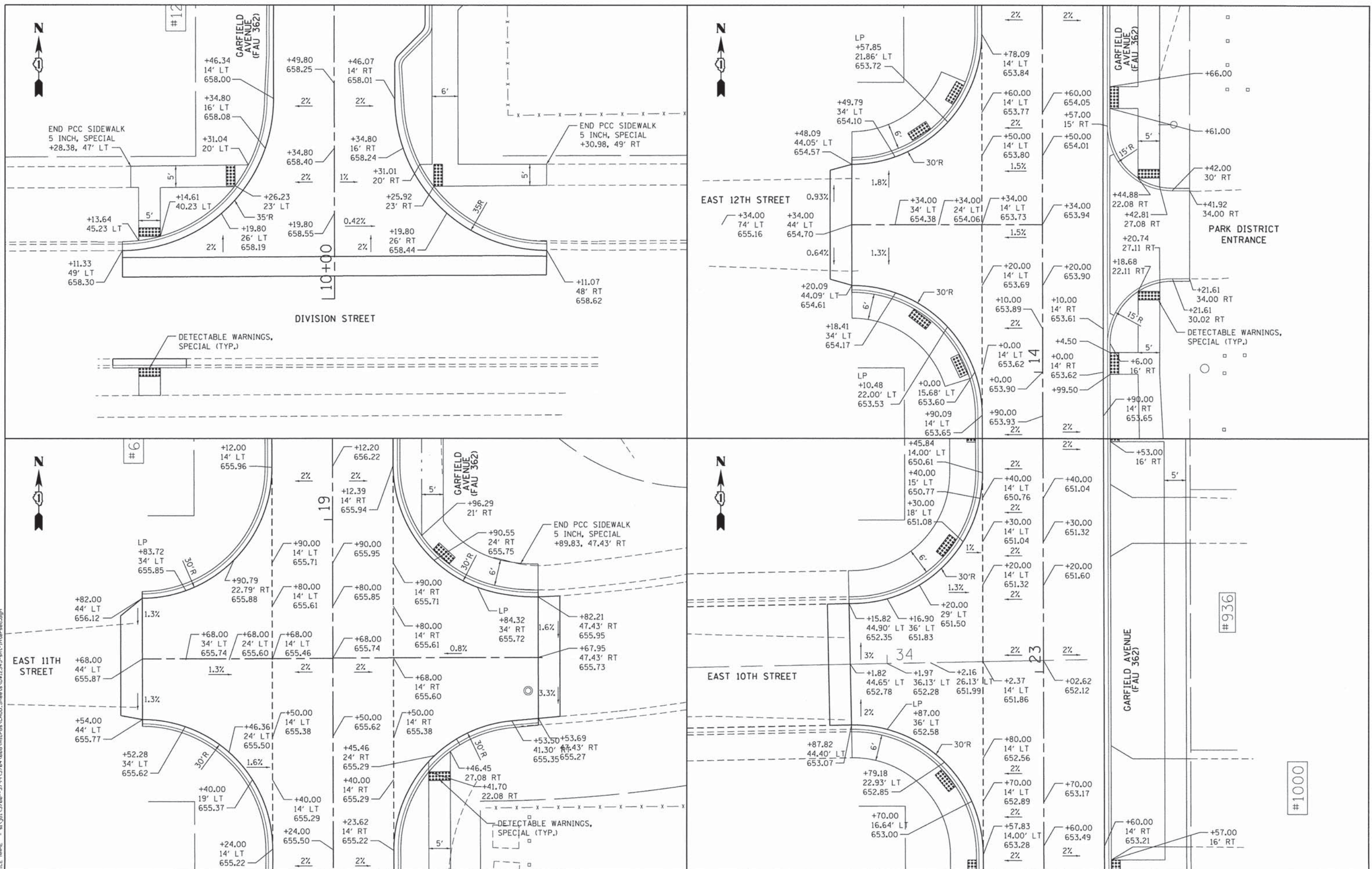
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE  
DRAINAGE PLAN AND PROFILE**

SCALE: 20-H 5-V SHEET 4 OF 4 SHEETS STA. 25+00.00 TO STA. 27+00.00

F.A.U. RTE. 362	SECTION 12-00076-00-FP	COUNTY WILL	TOTAL SHEETS 59	SHEET NO. 29
CONTRACT NO. 61A26			[ILLINOIS] FED. AID PROJECT	



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**SA**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
 ASSOCIATES

USER NAME = dennis	DESIGNED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL SHEET**


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F.A.U. RTE. 362	SECTION 12-00076-00-FP	COUNTY WILL	TOTAL SHEETS 59	SHEET NO. 30
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

#1000

#936

**LEGEND**

 SODDING, SALT TOLERANT (SPECIAL)  
 TOPSOIL FURNISH AND PLACE, 4"  
 NITROGEN FERTILIZER NUTRIENT  
 PHOSPHORUS FERTILIZER NUTRIENT  
 POTASSIUM FERTILIZER NUTRIENT

 TREE TRUNK PROTECTION

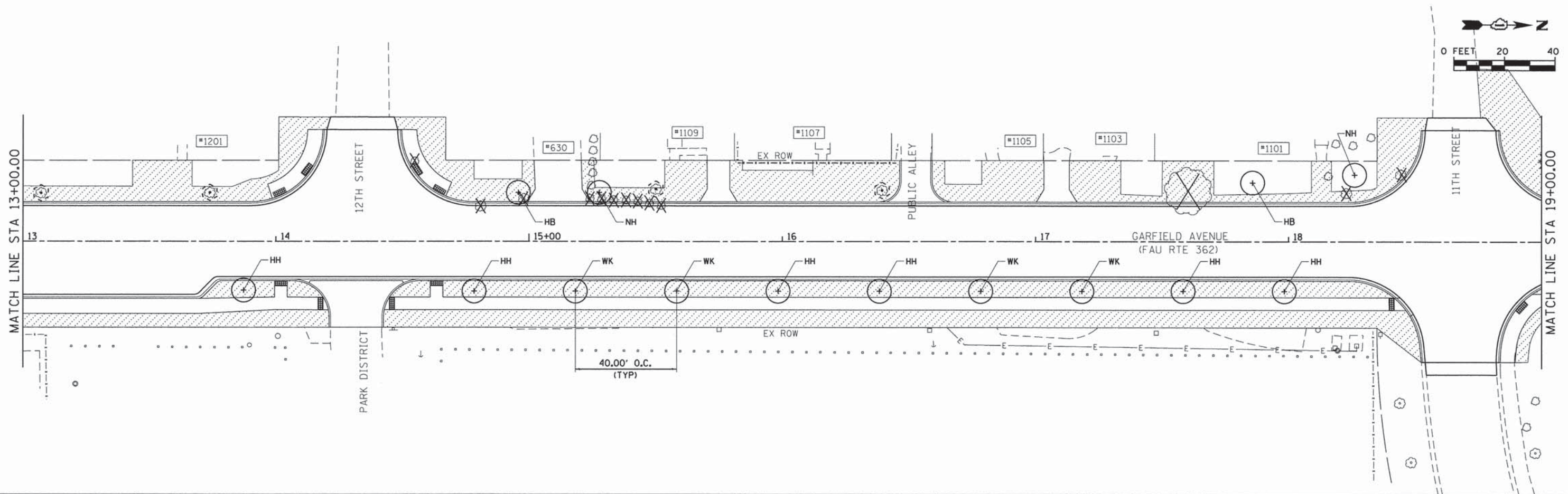
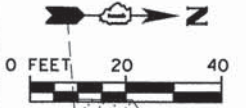
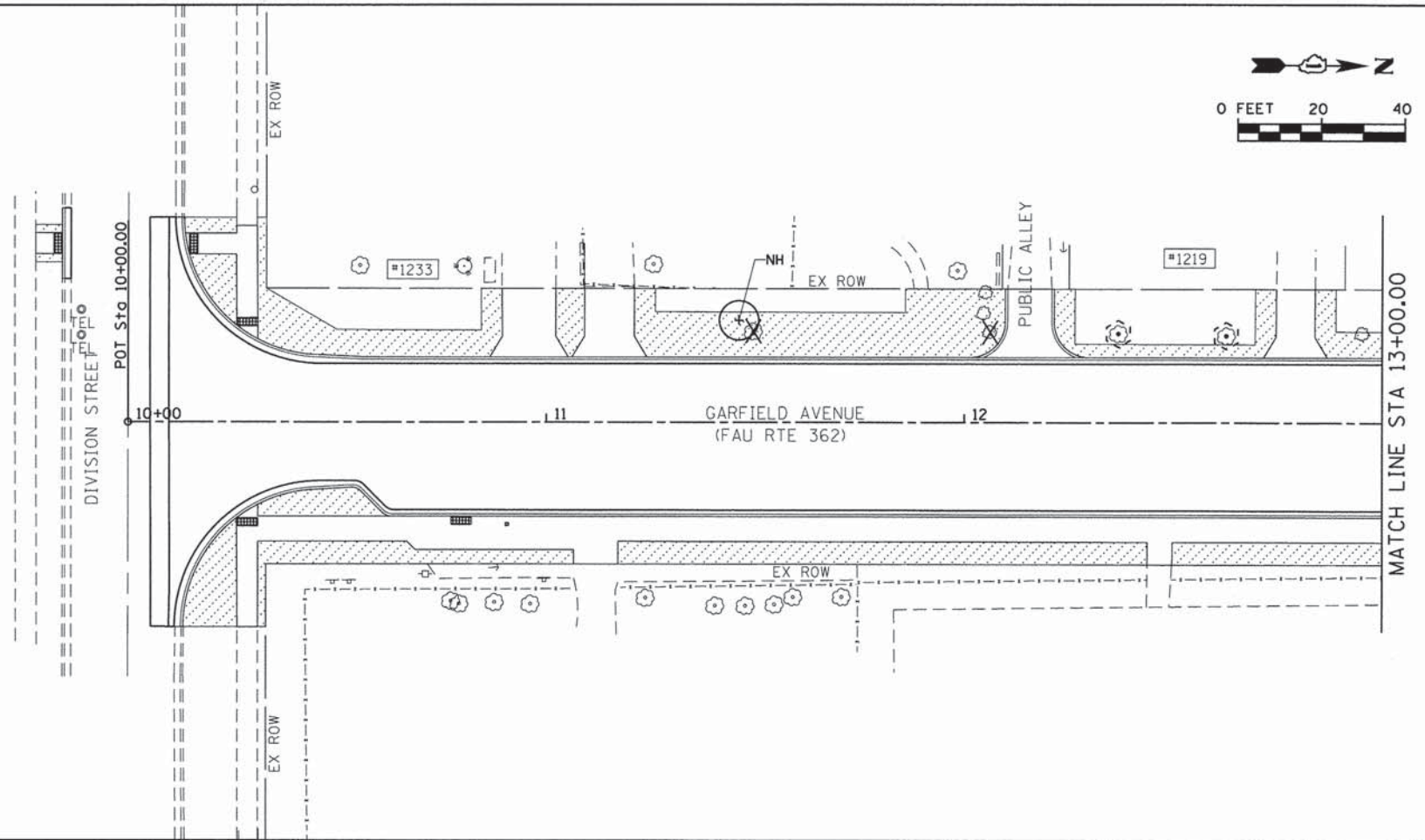
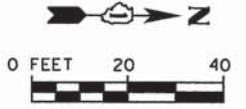
 PROPOSED TREE

 TREE OR SHRUB REMOVAL (SEE REMOVAL SHEETS)

**ABBREVIATIONS OF COMMON NAMES**

- HH (HOPHORNBEAM)
- WK (WINTER KING HAWTHORN)
- HB (COMMON HACKBERRY)
- NH (NEW HORIZON ELM)
- KC (KENTUCKY COFFEE TREE)
- JTL (JAPANESE TREE LILAC)

 INCLUDED IN THE COST OF SODDING,  
 SALT TOLERANT (SPECIAL)



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**SA**  
**STRAND**  
 ASSOCIATES\*  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw  
 MODEL NAME = Default  
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 PLOT DATE = 2/4/2014

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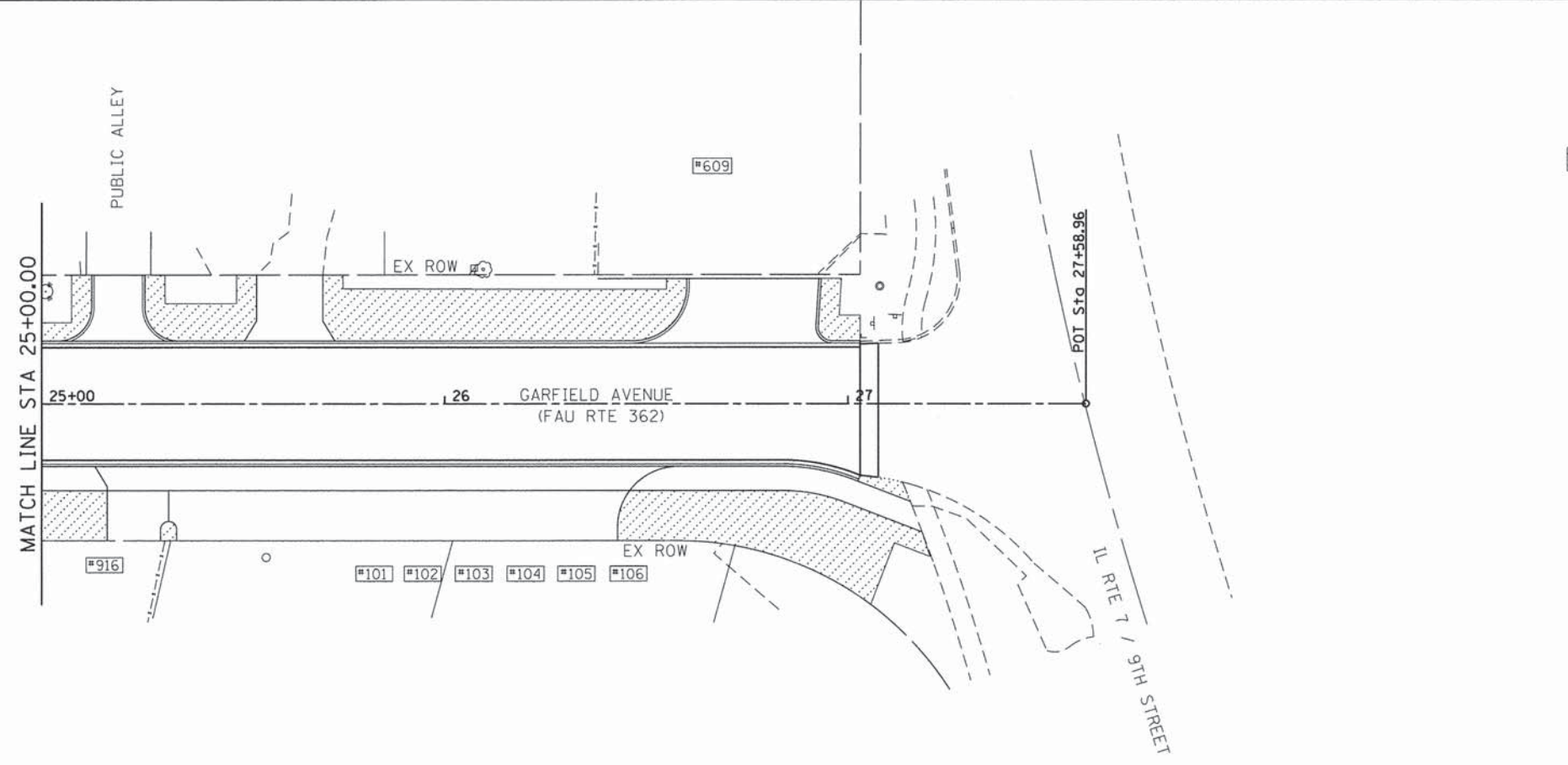
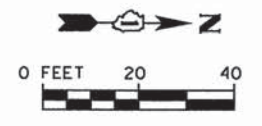
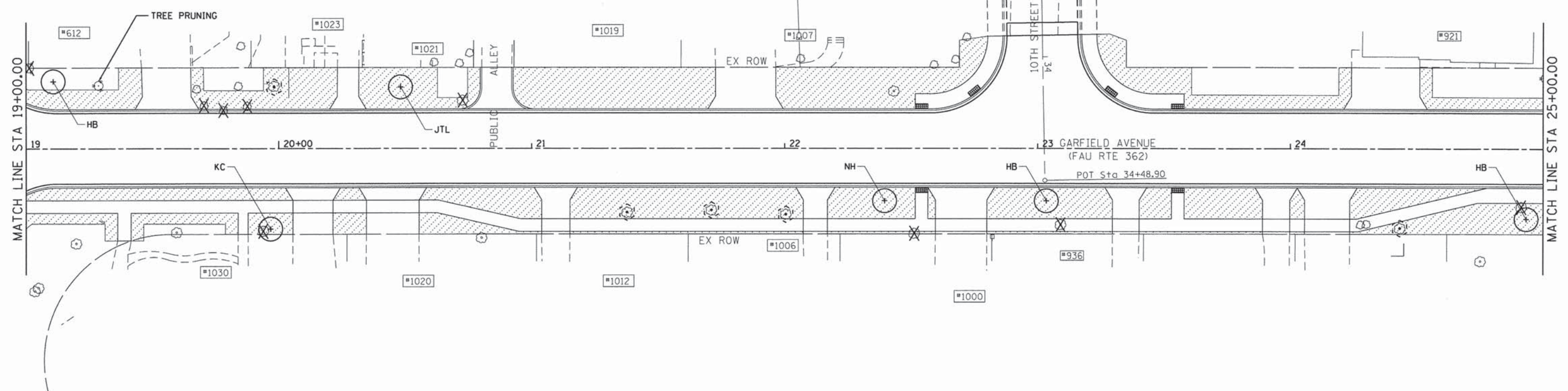
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**





**GARFIELD AVENUE**  
**LANDSCAPING & PERMANENT SEDIMENT & EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 10+00.00 TO STA. 19+00.00

F.A.U. RTE. 362	SECTION 12-00076-00-FP	COUNTY WILL	TOTAL SHEETS 59	SHEET NO. 31
			CONTRACT NO. 61A26	
ILLINOIS FED. AID PROJECT				




**LEGEND**

-  SODDING, SALT TOLERANT (SPECIAL)  
TOPSOIL FURNISH AND PLACE, 4"  
NITROGEN FERTILIZER NUTRIENT  
PHOSPHORUS FERTILIZER NUTRIENT  
POTASSIUM FERTILIZER NUTRIENT
-  TREE TRUNK PROTECTION
-  PROPOSED TREE
-  TREE OR SHRUB REMOVAL (SEE REMOVAL SHEETS)

**ABBREVIATIONS OF COMMON NAMES**

- HH (HOPHORNBEAM)
- WK (WINTER KING HAWTHORN)
- HB (COMMON HACKBERRY)
- NH (NEW HORIZON ELM)
- KC (KENTUCKY COFFEE TREE)
- JTL (JAPANESE TREE LILAC)

 INCLUDED IN THE COST OF SODDING,  
SALT TOLERANT (SPECIAL)

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MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE  
LANDSCAPING & PERMANENT SEDIMENT & EROSION CONTROL PLAN**  
SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 19+00.00 TO STA. 27+58.96

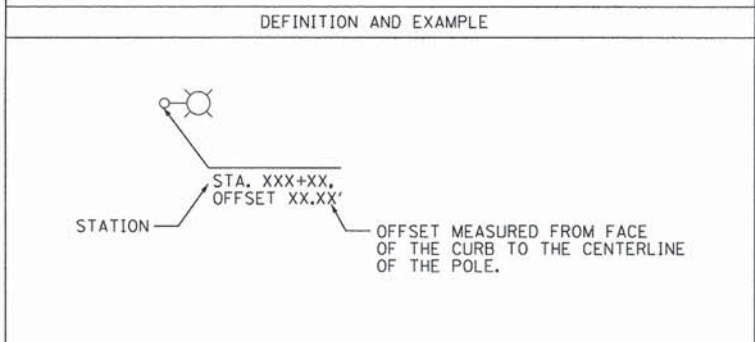
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	32
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	



**LIGHTING AND ELECTRICAL LEGEND**

SYMBOL	DESCRIPTION
	LIGHT POLE, ALUMINUM 30 FT M.H. 8 FT MAST ARM, LIGHT POLE FOUNDATION, 24" DIAMETER AND LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL, 100 WATT
	EXISTING LUMINAIRE MOUNTED ON UTILITY POLE
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN CONCEALED CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED UTILITY SERVICE CONNECTION, POLE MOUNTED

**CALL-OUT SAMPLE**



**ABBREVIATIONS**

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LTFM	LIQUID TIGHT FLEXIBLE METALLIC
LPS	LOW PRESSURE SODIUM
M	METER
MA	MAST ARM
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSANGER WIRE
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
XFMR	TRANSFORMER
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE

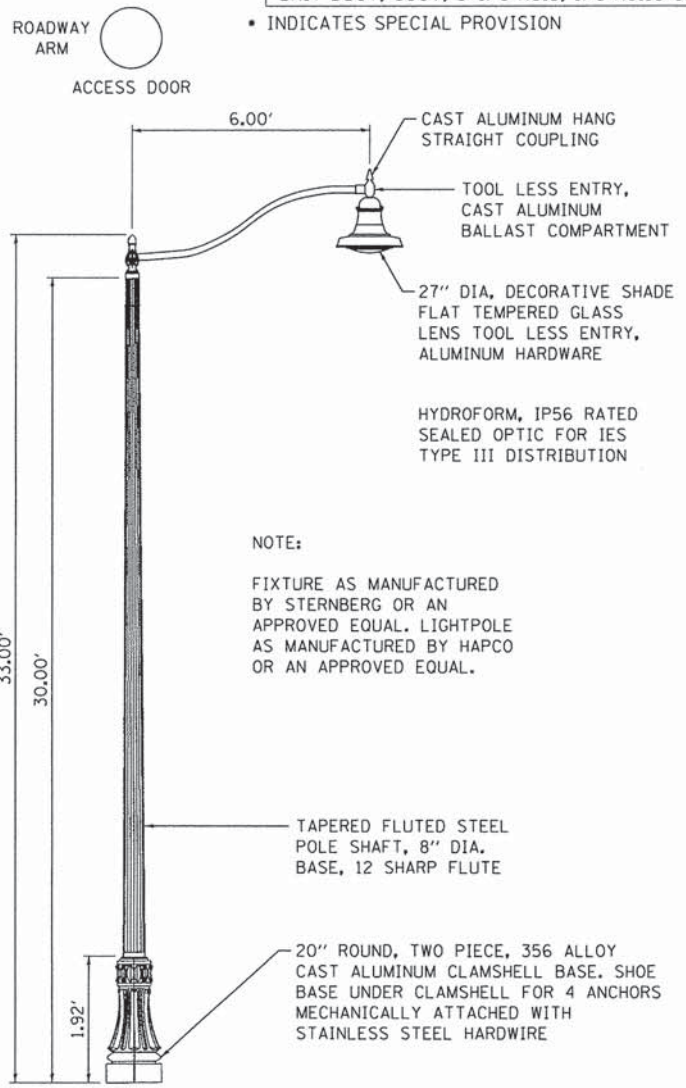
**GENERAL NOTES**

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS AND UNIT PRICE ITEMS.
- ALL NEW CONDUITS, UNIT DUCTS AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH APPROVAL OF THE ENGINEER.
- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL THE LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER AT THE PRECONSTRUCTION INSPECTION. THE EXACT LOCATION OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO CONCRETE POURING OR BACKFILLING, AS APPLICABLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATION OF THE FINISHED GRADE WITH THE TOP OF THE FOUNDATION HEIGHTS SHALL REMAIN WITH THE CONTRACTOR.
- THE CONTRACTOR SHALL FURNISH AND INSTALL LUMINAIRE LAMPS IN ACCORDANCE WITH THE SUPPLIERS RECOMMENDATIONS AND IN ACCORDANCE WITH THE SPECIFICATIONS. THE COST OF THIS WORK AND MATERIAL SHALL BE INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS NOTED OTHERWISE OR DIRECTED BY THE ENGINEER. THE LUMINAIRES MAY REQUIRE NIGHT-TIME OPTICAL ADJUSTMENT UPON INSPECTION BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEMS. SEPARATE PAYMENT WILL NOT BE MADE.
- CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30 INCH DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE STATE. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE AS PART OF THE UNDERGROUND CONDUIT OR UNIT DUCT. THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- WHERE THE CONTRACTORS EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO FURTHER EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE PAY ITEM.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUITS, FOUNDATIONS AND UNIT DUCTS WITH THE ROADWAY, CURB AND SIDEWALK WORK AND UNDERGROUND UTILITIES.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE BEEN CURED FOR 10 DAYS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR ABOVE-GRADE WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
- ALL MEASUREMENTS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY MEASUREMENTS IN THE FIELD.

ITEM	UNIT	TOTAL QUANTITY
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	54
LIGHT POLE, SPECIAL	EACH	6
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	6
ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	6
SERVICE INSTALLATION, TYPE B	EACH	3
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	185
UNIT DUCT, 600V, 3-1/C NO.8, 1/C NO.10 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	480

**ELECTRIC UTILITY SERVICE CONNECTIONS**

SOUTHWEST QUADRANT OF 12TH STREET
SOUTHWEST QUADRANT OF 11TH STREET
NORTH OF PUBLIC ALLEY



NOTE:  
FIXTURE AS MANUFACTURED BY STERNBERG OR AN APPROVED EQUAL. LIGHTPOLE AS MANUFACTURED BY HAPCO OR AN APPROVED EQUAL.

**INDEX OF DRAWINGS:**

DRAWING NO.	TITLE
E1	LEGEND, ABBREVIATION, GENERAL NOTES, AND INDEX OF DRAWINGS
E2 TO E3	PROPOSED LIGHTING PLANS
E4 TO E5	EXISTING LIGHTING PLANS

**IDOT STANDARD DETAILS**

805001-01 ELECTRIC SERVICE INSTALLATION DETAILS

**IDOT DISTRICT 1 STANDARD DETAILS**

BE-300	LIGHT POLE FOUNDATION
BE-701	LUMINAIRE SAFETY CABLE ASSEMBLY
BE-702	MISC. ELECTRICAL DETAILS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

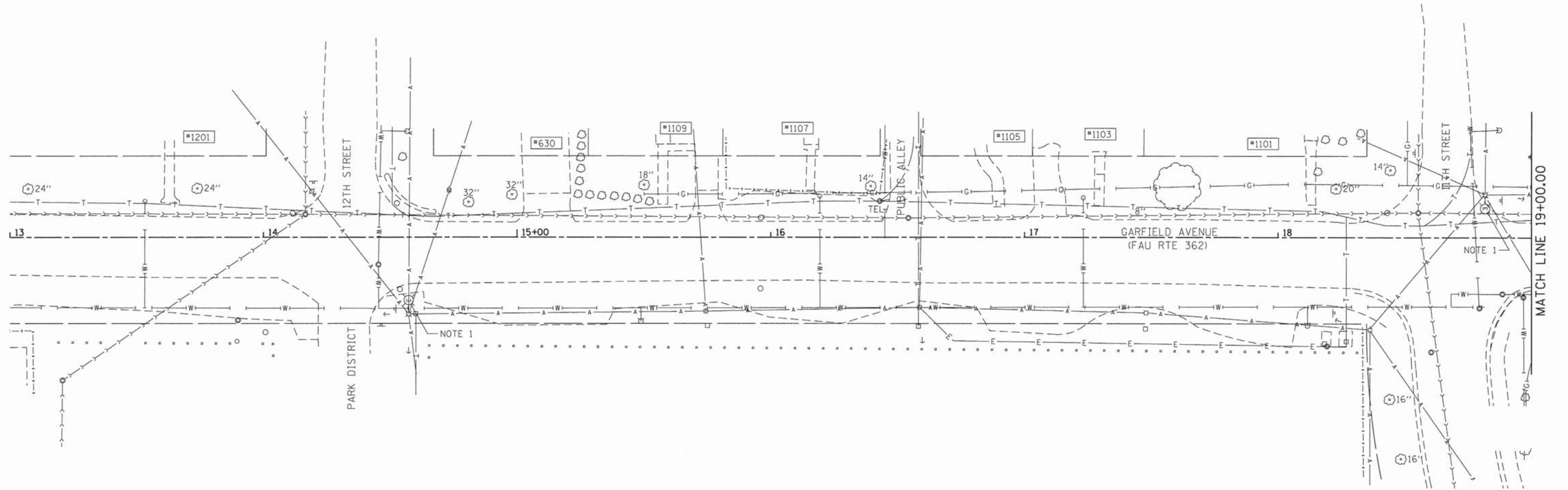
LIGHTING  
LEGEND, GENERAL NOTES AND INDEX OF DRAWINGS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	33

CONTRACT NO. 61A26  
ILLINOIS FED. AID PROJECT

**NOTES:**

1. ALL EXISTING LIGHTING UNITS AND AERIAL CABLE WILL BE REMOVED BY ELECTRIC UTILITY. COORDINATE REMOVAL WITH ELECTRIC UTILITY.



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

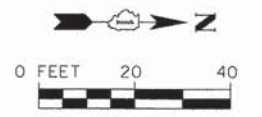
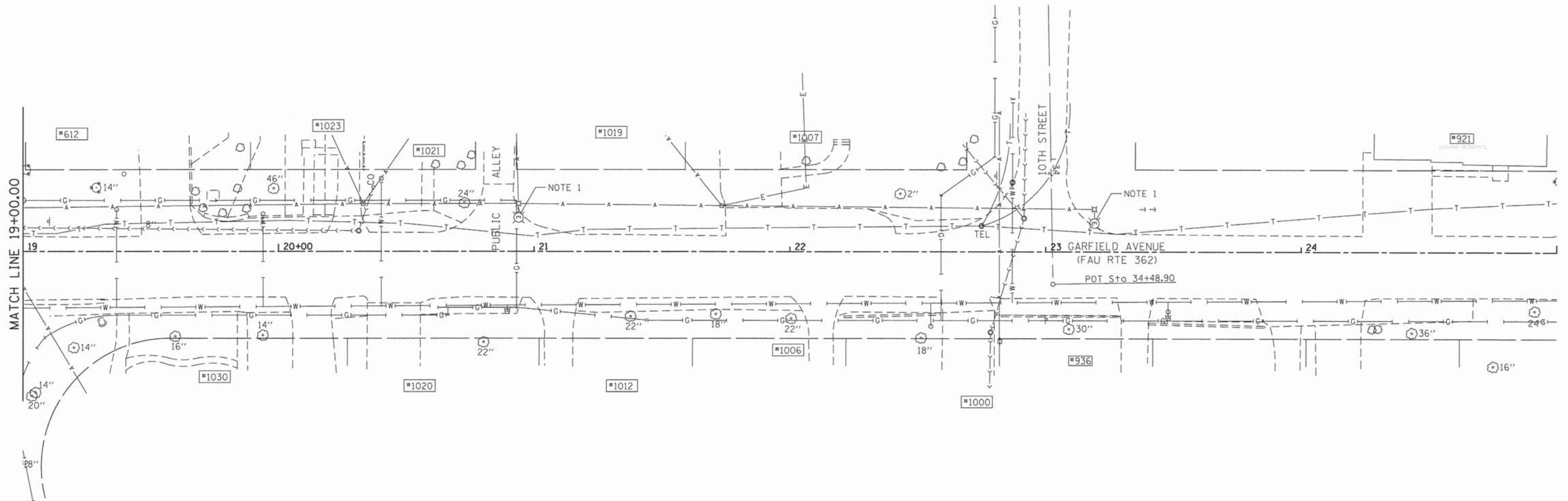
**GARFIELD AVENUE  
EXISTING ELECTRICAL PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	34
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

**NOTES:**

1. ALL EXISTING LIGHTING UNITS AND AERIAL CABLE WILL BE REMOVED BY ELECTRIC UTILITY. COORDINATE REMOVAL WITH ELECTRIC UTILITY.



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**SA STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw  
 MODEL NAME = Default  
 PLOT SCALE = 20.0000' / 1"v  
 PLOT DATE = 2/4/2014

DESIGNED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

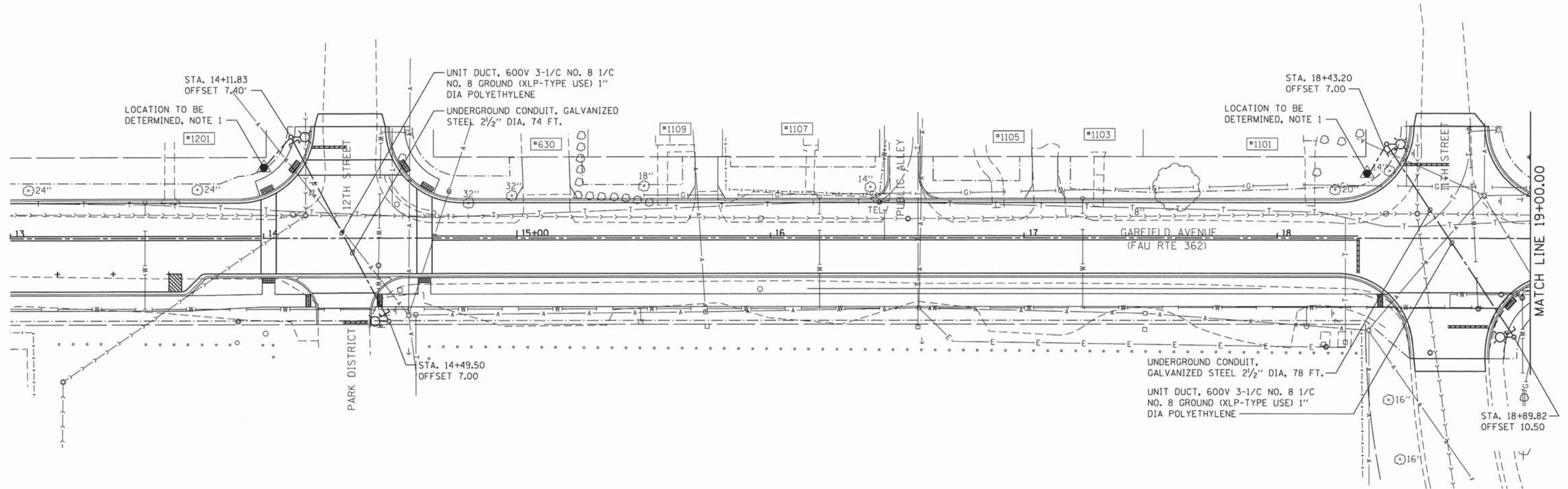
**GARFIELD AVENUE  
 EXISTING ELECTRICAL PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 362	SECTION 12-00076-00-FP	COUNTY WILL	TOTAL SHEETS 59	SHEET NO. 35
CONTRACT NO. 61A26			[ILLINOIS] FED. AID PROJECT	

**NOTES:**

1. INSTALL ELECTRIC UTILITY SERVICE PER IDOT STANDARD DETAIL 805001-01, TYPE B.



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**SA**  
**STRAND**  
 ASSOCIATES\*

1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw	DESIGNED -	REVISED -
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PLOT DATE = 2/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE  
 PROPOSED ELECTRICAL PLAN**

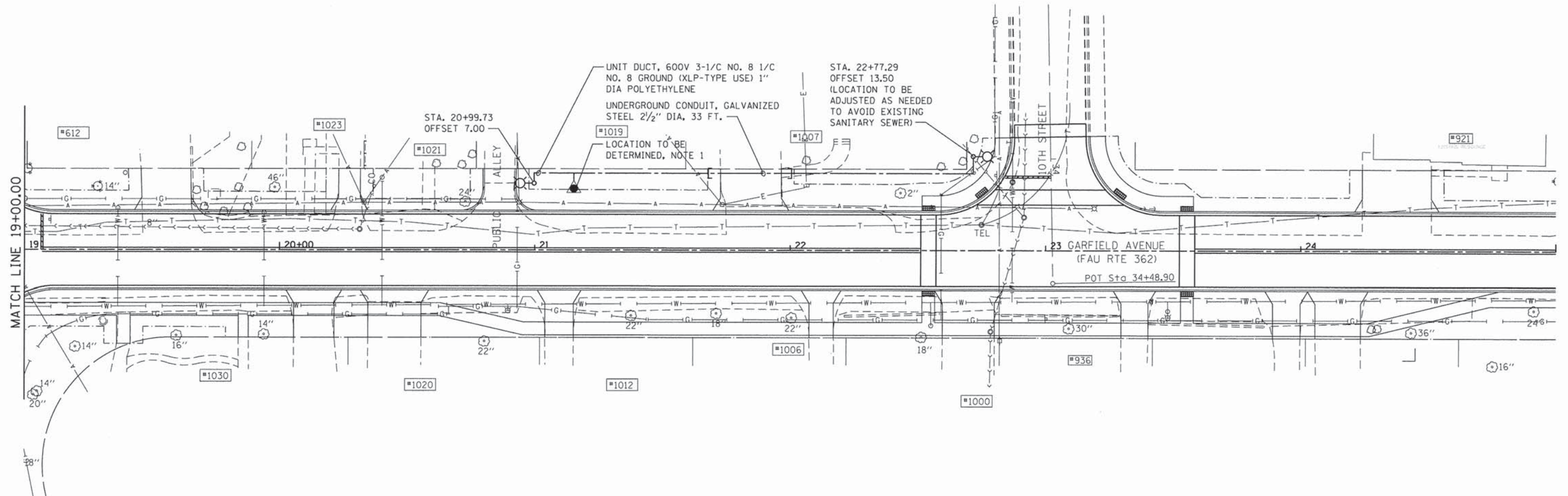
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F.A.U. RTE. 362	SECTION 12-00076-00-FP	COUNTY WILL	TOTAL SHEETS 59	SHEET NO. 36
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

E4

**NOTES:**

1. INSTALL ELECTRIC UTILITY SERVICE PER IDOT STANDARD DETAIL 805001-01, TYPE B.



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**STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

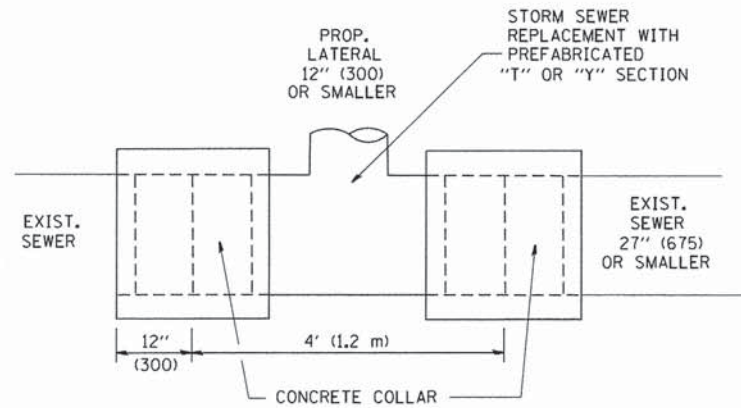
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PLOT DATE = 2/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>GARFIELD AVENUE          PROPOSED ELECTRICAL PLAN</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

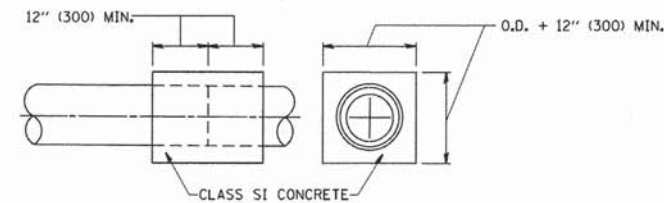
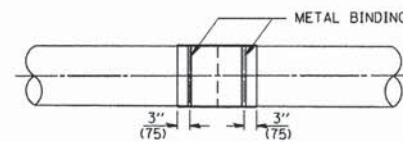
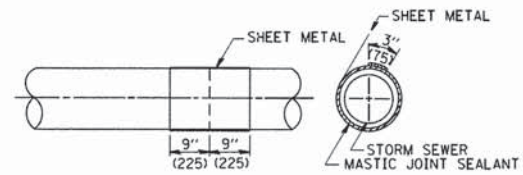
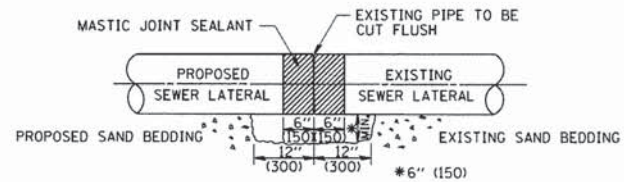
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CONTRACT NO. 61A26				
ILLINOIS FED. AID PROJECT				

E5



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

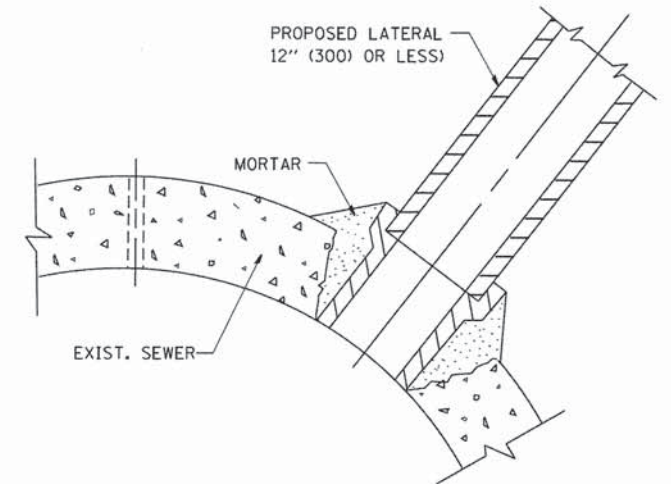


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

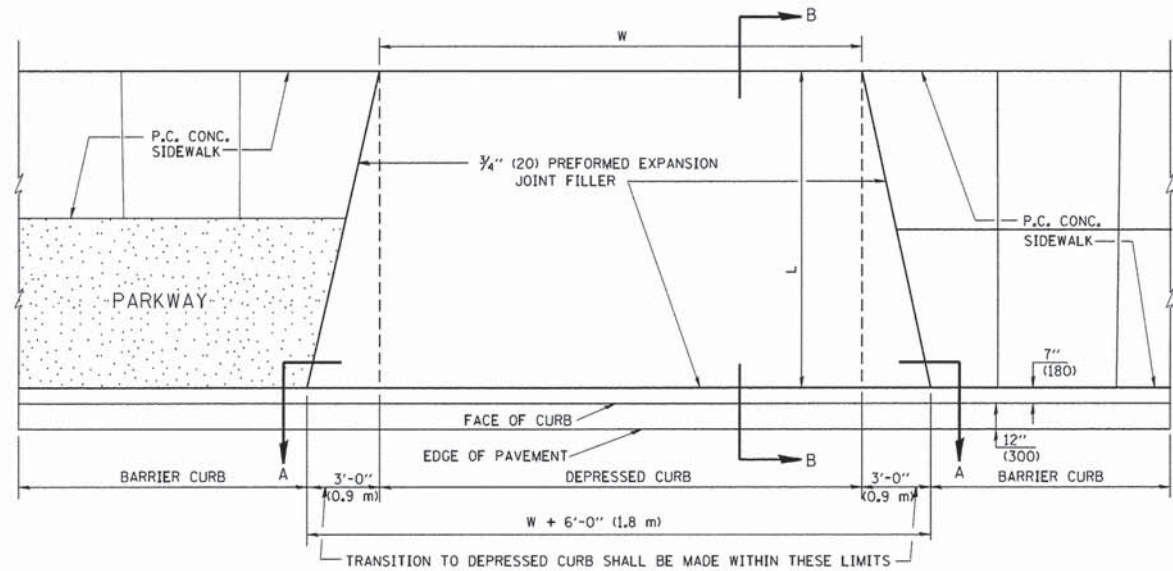
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	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER  
CONNECTION TO EXISTING SEWER

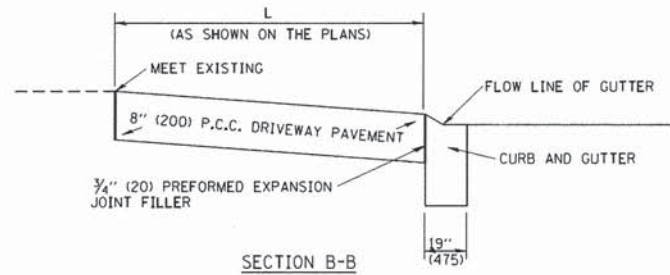
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	38
BD500-01 (BD-7)		CONTRACT NO. 61A26		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

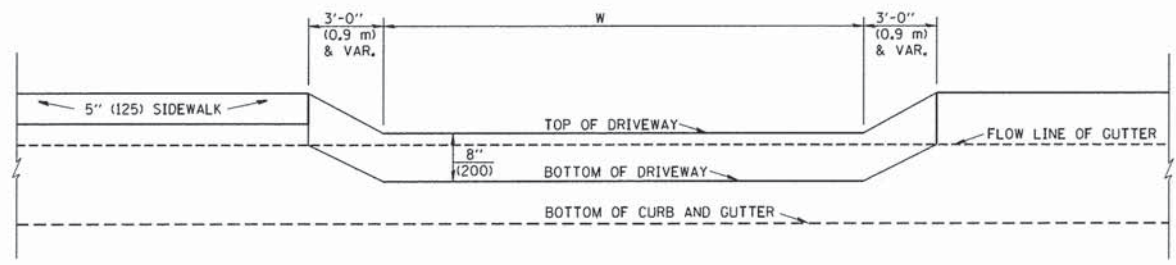


PLAN VIEW

- NOTES:
1. EXPANSION JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE DETAILS FOR P.C.C. SIDEWALK.
  2. THE CURB BETWEEN ADJACENT DRIVEWAYS SHALL BE FULL HEIGHT FOR A DISTANCE OF AT LEAST FOUR FEET (1.2 METERS)
  3. P.C. CONCRETE DRIVEWAYS SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
  4. 3/4" (20) PREFORMED EXPANSION JOINTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO P.C.C. DRIVEWAY PAVEMENT 8" (200).
  5. COMBINATION CONC. CURB AND GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE TRANSITION CURB AND GUTTER.

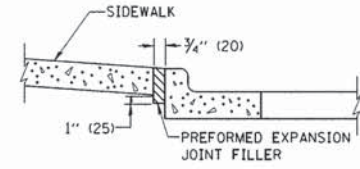
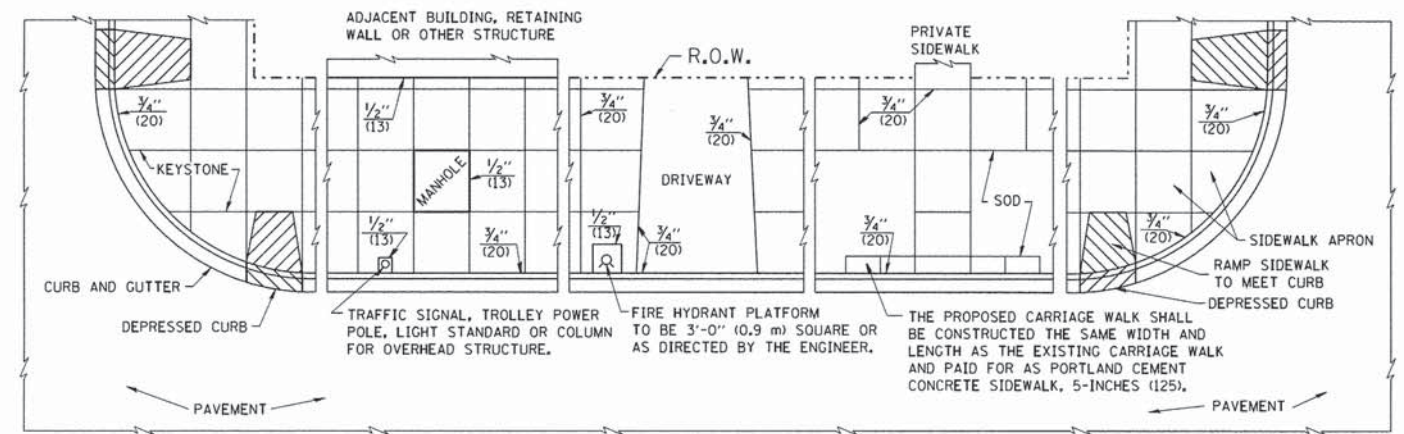


SECTION B-B



SECTION A-A

P.C.C. DRIVEWAY PAVEMENT DETAIL

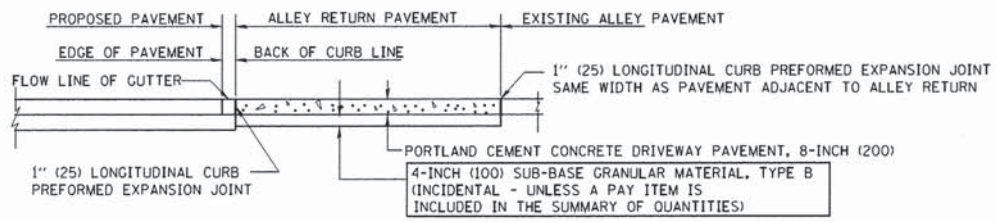
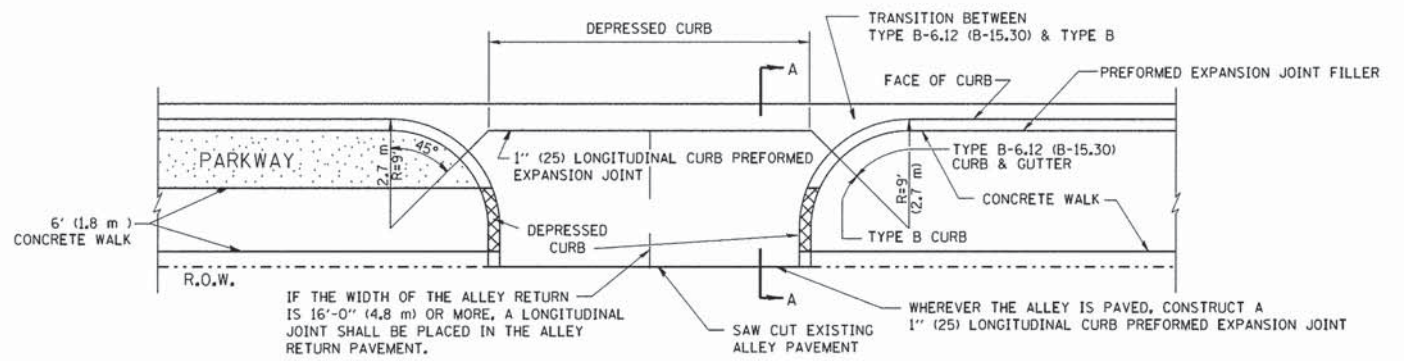


SLOPE FOR SIDEWALK  
1" (25) IN 3'-0" (0.9 m) IN CHICAGO

NOTES:

1. ONE-HALF INCH THICK EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS, MANHOLES, WHICH EXTEND THROUGH THE SIDEWALK.
2. 3/4" (20) THICK EXPANSION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 100 FEET (30 METERS) IN THE SIDEWALK, WHERE THE SIDEWALK IS CONSTRUCTED ADJACENT TO PAVEMENT OR CURB HAVING EXPANSION JOINTS, THE EXPANSION JOINTS IN THE SIDEWALK SHALL BE PLACED OPPOSITE THE EXISTING EXPANSION JOINTS AS NEARLY AS PRACTICABLE. EXPANSION JOINTS SHALL ALSO BE PLACED WHERE THE SIDEWALK ABUTS EXISTING SIDEWALKS, BETWEEN DRIVEWAY PAVEMENT AND SIDEWALK, AND BETWEEN SIDEWALK AND CURBS WHERE THE SIDEWALK ABUTS A CURB.

PORTLAND CEMENT CONCRETE SIDEWALK DETAILS



SECTION A-A

ALLEY RETURN DETAIL

NOTES: NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE GUTTER FLARE

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO  
DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	39
BD400-03 (BD-17)		CONTRACT NO. 61A26		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = w:\diststd\22x34\bd17.dgn	USER NAME = geglanoht	DESIGNED - M. DE YONG	REVISED -
	PLOT SCALE = 50,0000 ' / IN.	DRAWN -	REVISED -
	PLOT DATE = 1/4/2008	CHECKED -	REVISED -
		DATE - 06-13-90	REVISED -

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

1/4" (5) \*\*\*

18" (450) MAX.

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

**BASIS OF PAYMENT:**

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

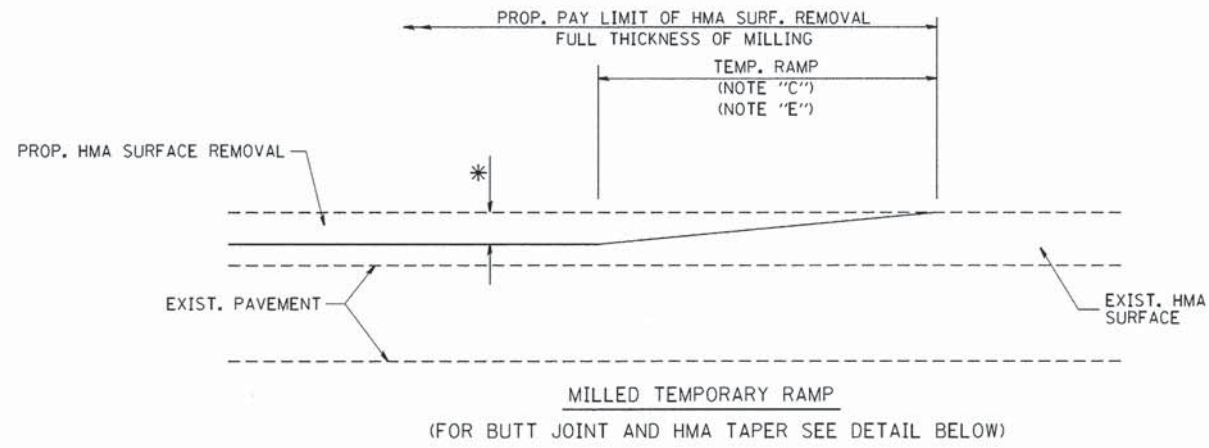
⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

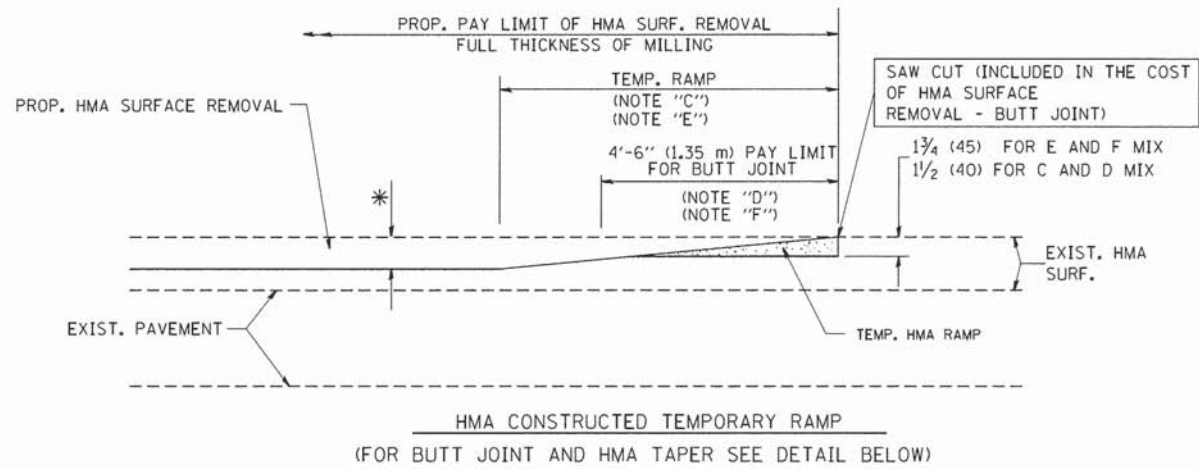
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME *	USER NAME * drvakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLDT SCALE = 5/8" = 1" IN.		CHECKED -	REVISED - M. GOMEZ 01-22-01		BD600-06 (BD-24)			CONTRACT NO. 61A26				
PLDT DATE = 12/15/2009		DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

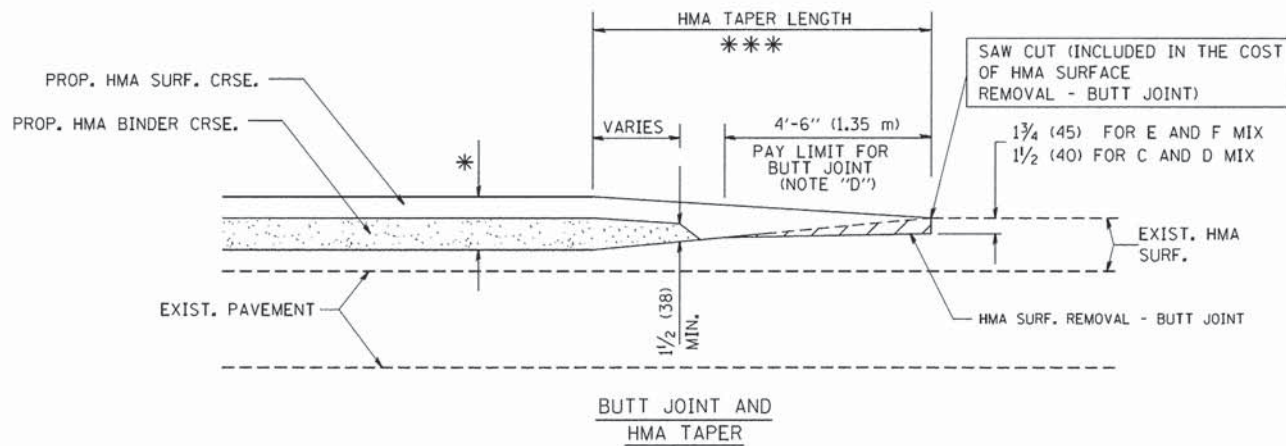




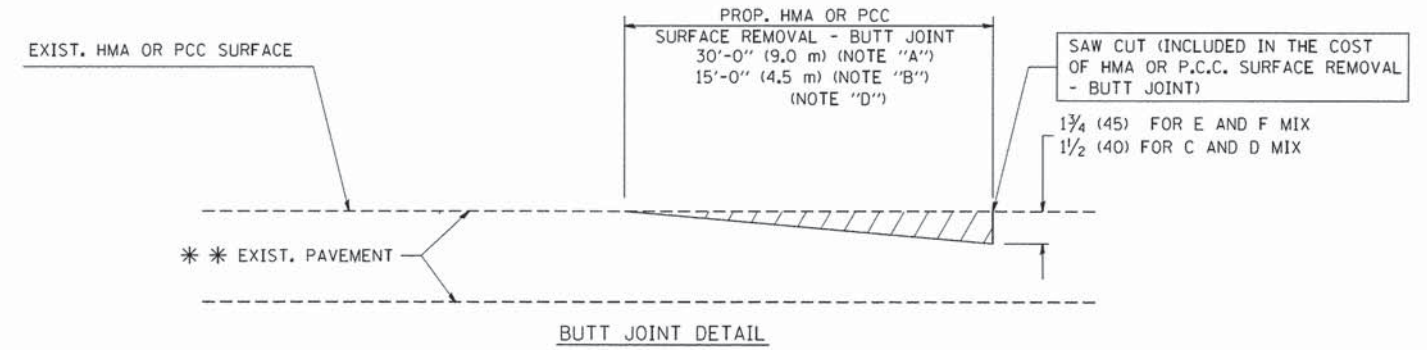
**OPTION 1**



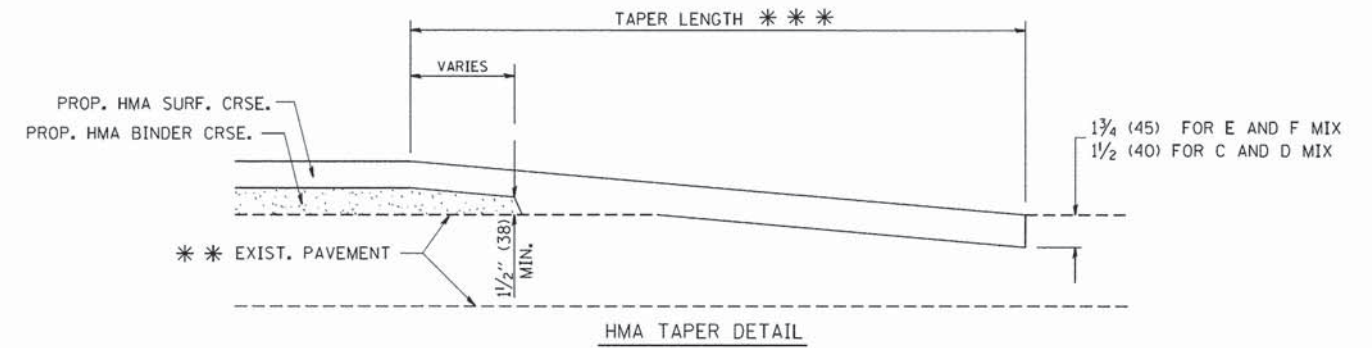
**OPTION 2**  
**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = gajlonob
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DESIGNED - M. DE YONG	REVISOR - R. SHAH 10-25-94
DRAWN -	REVISOR - A. ABBAS 03-21-97
CHECKED -	REVISOR - M. GOMEZ 04-06-01
DATE - 06-13-90	REVISOR - R. BORO 01-01-07

PLOT SCALE = 50,0000 ' / IN.	DATE - 06-13-90
PLOT DATE = 1/4/2008	

DESIGNED - M. DE YONG	REVISOR - R. SHAH 10-25-94
DRAWN -	REVISOR - A. ABBAS 03-21-97
CHECKED -	REVISOR - M. GOMEZ 04-06-01
DATE - 06-13-90	REVISOR - R. BORO 01-01-07

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

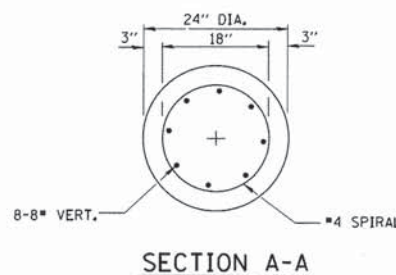
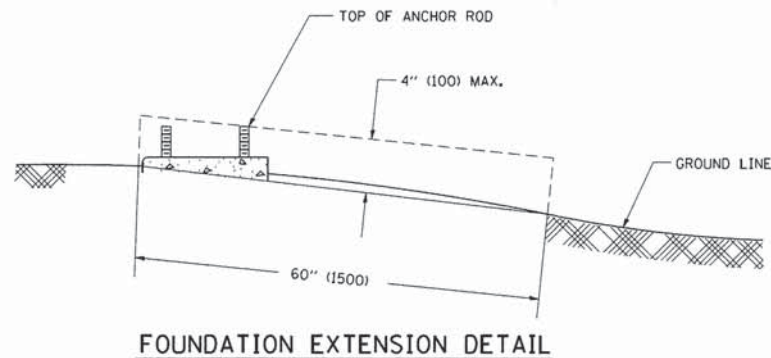
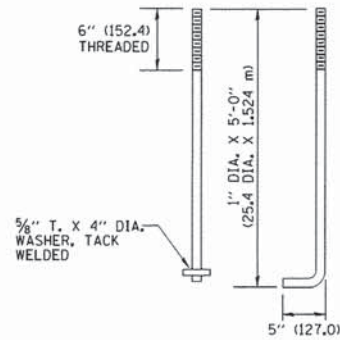
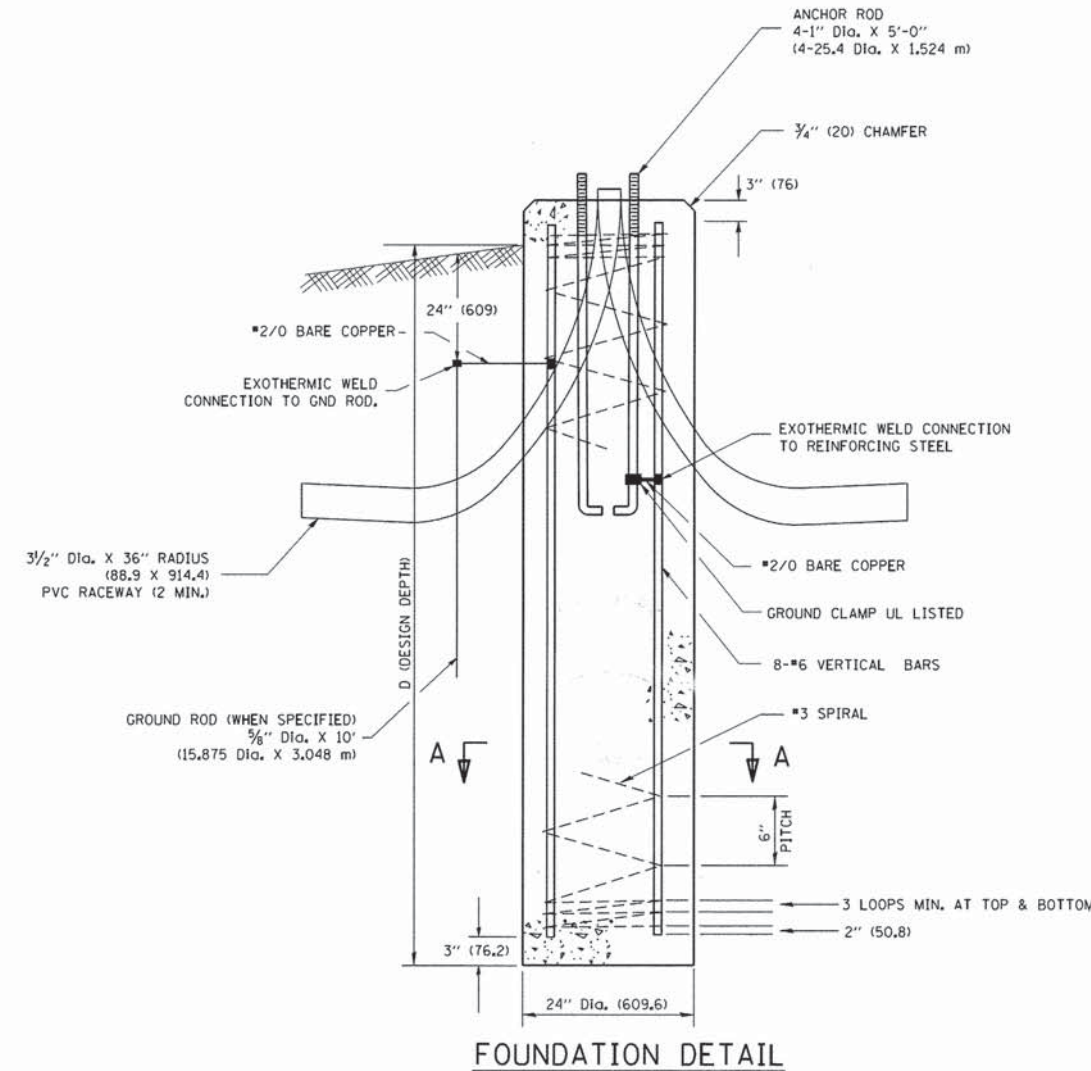
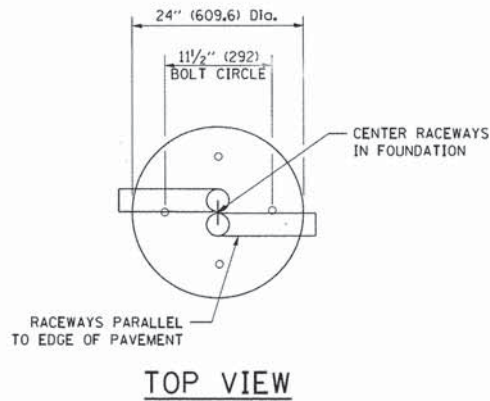
**BUTT JOINT AND HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	41
BD400-05 BD32			CONTRACT NO. 61A26	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

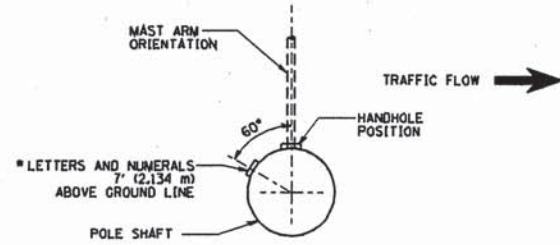
**LIGHT POLE FOUNDATION DEPTH TABLE**  
**30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT**

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Ou = 0.375 TON/SO. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Ou = 0.75 TON/SO.FT	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Ou = 1.50 TON/SO. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND φ = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND φ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND φ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)

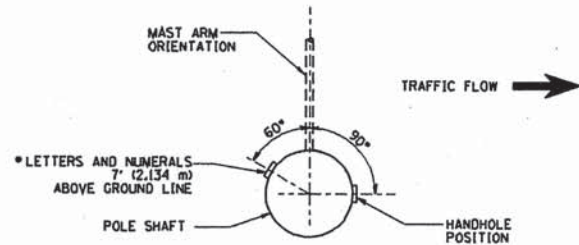


**NOTES**

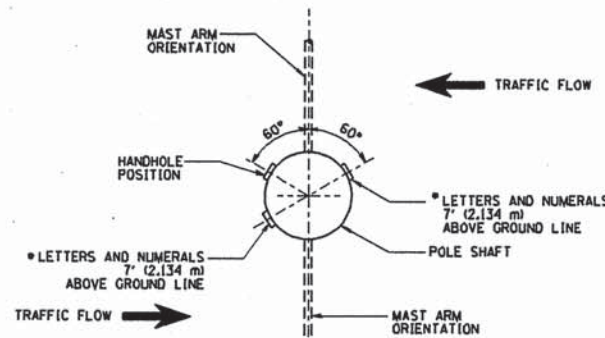
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION, IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS S1. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105), NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.



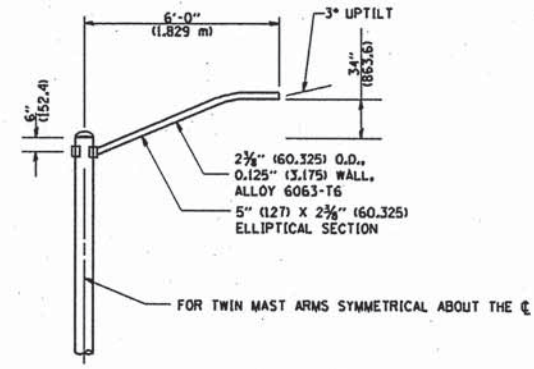
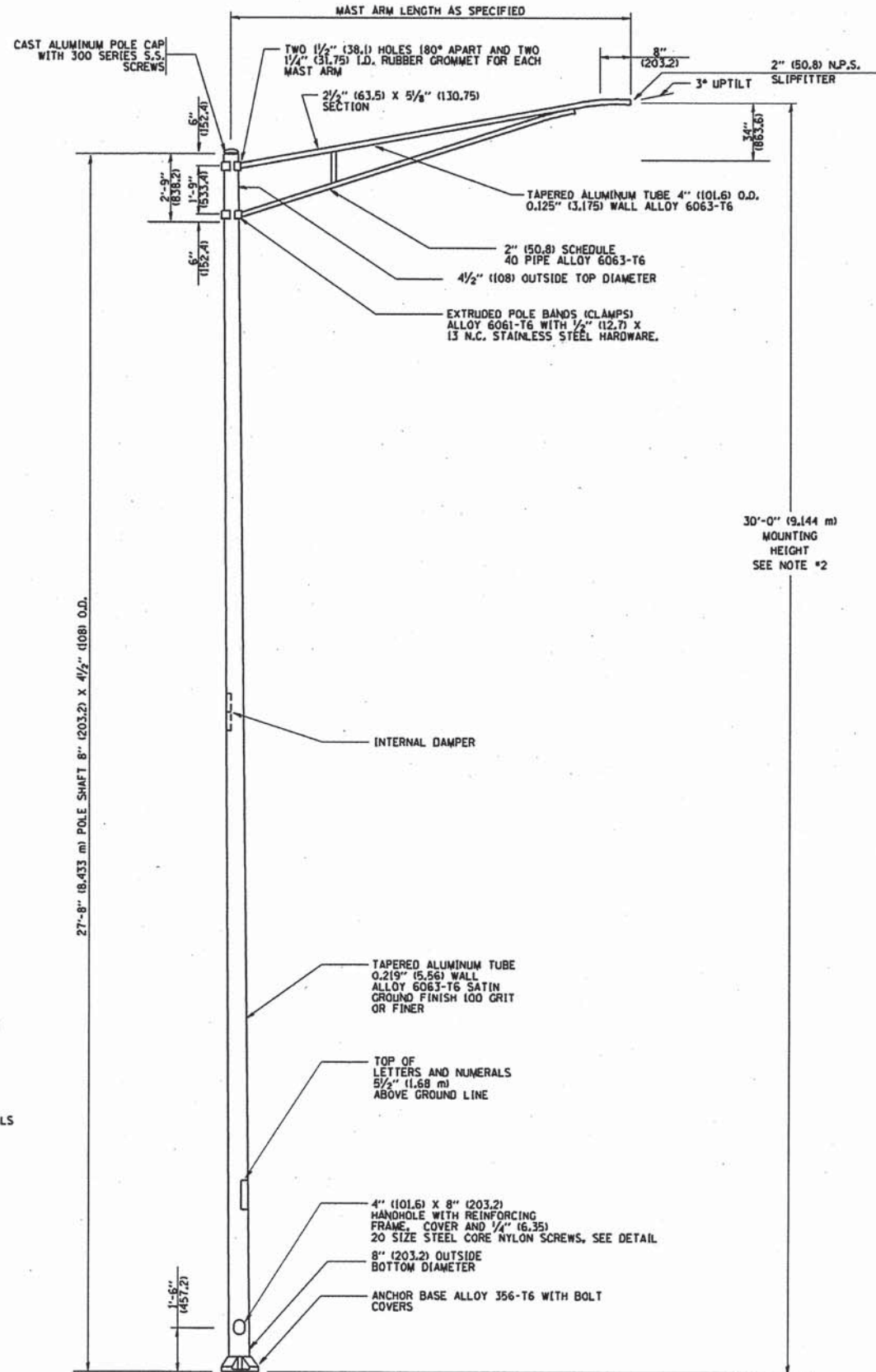
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL



POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES

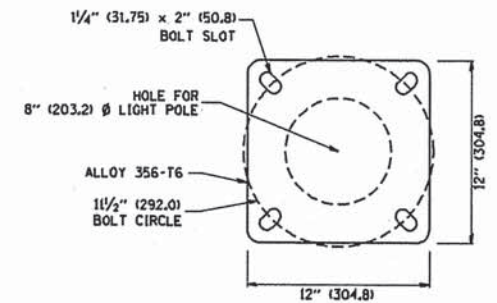


POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES

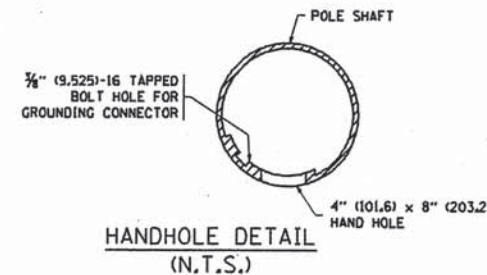


6' (1.8 m) SINGLE MEMBER MAST ARM (N.T.S.)

- NOTES:**
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
  2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
  3. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
  4. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR, BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
  5. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
  6. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
  7. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.



LIGHT POLE BASE PLATE DETAIL  
1 1/2" (292.0) BOLT CIRCLE

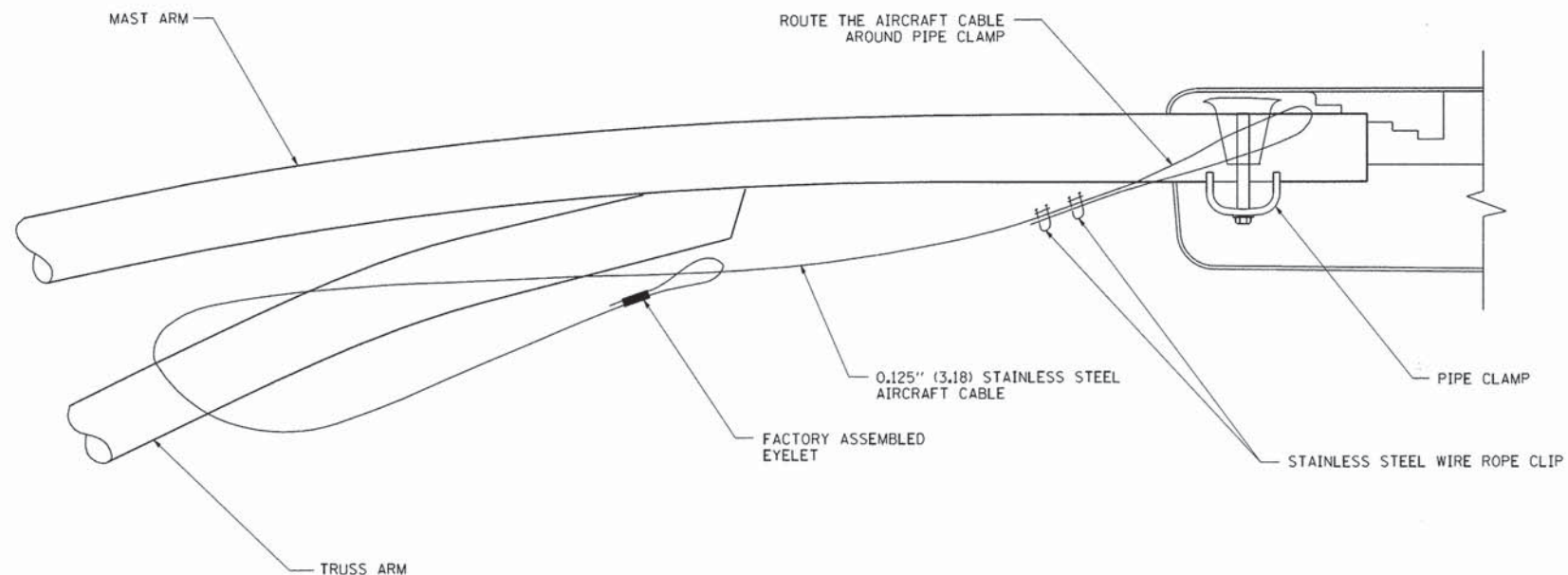


HANDHOLE DETAIL (N.T.S.)

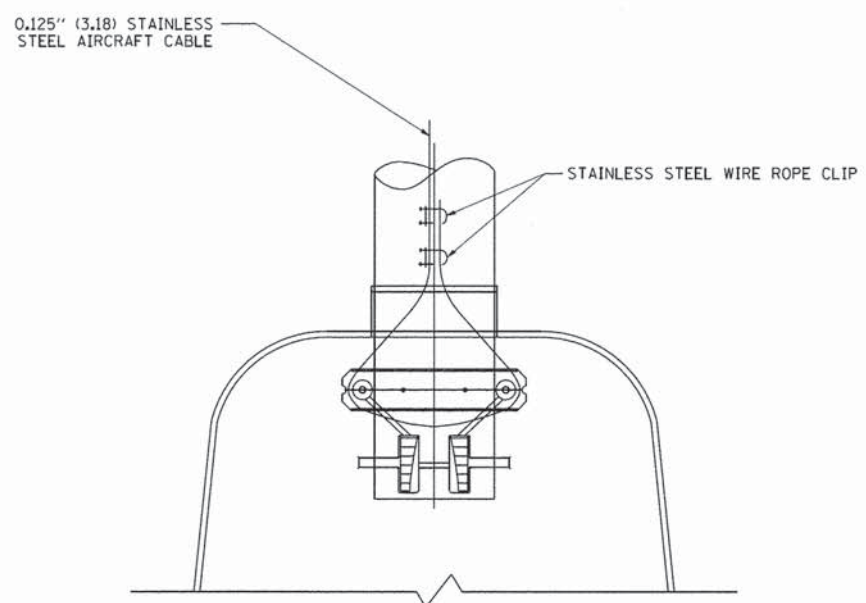
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		DRAWN -	REVISED -
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

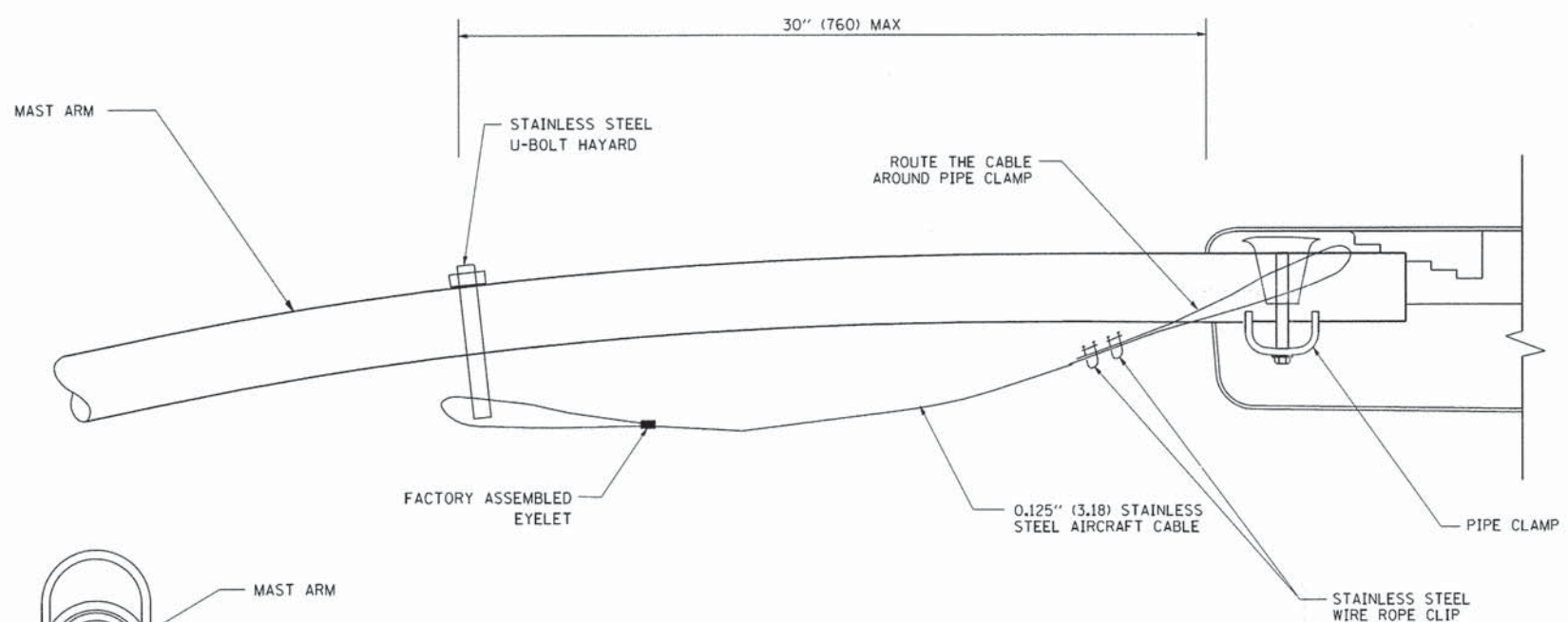
ALUMINUM LIGHT POLE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
30'-0" (9.144 m) MOUNTING HEIGHT		36E	12-00076-00-FP	WILL	59	42A
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	
				CONTRACT NO. 61A26		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT						



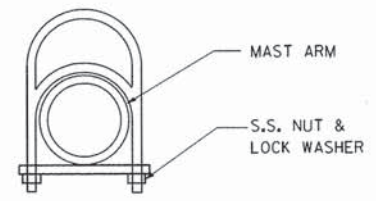
SIDE VIEW (TRUSS ARM)  
N.T.S.



BOTTOM VIEW  
N.T.S.



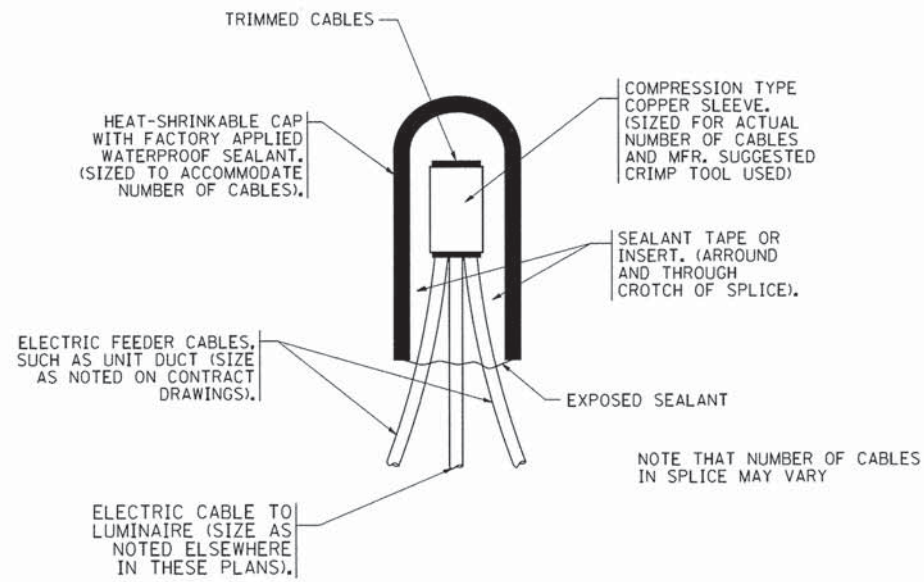
SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)  
N.T.S.



STAINLESS STEEL  
U-BOLT HAYARD

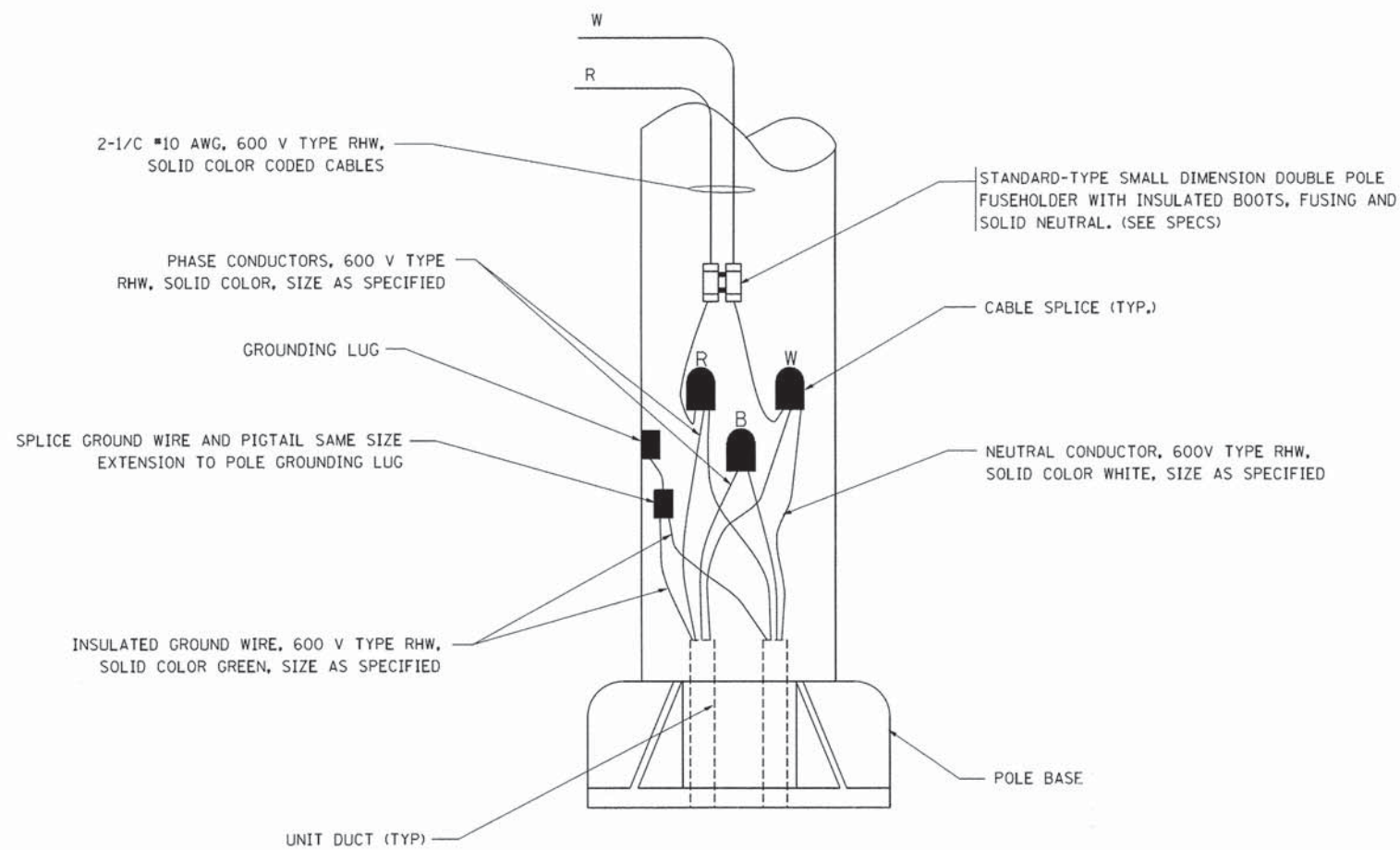
- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
  2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
  3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
  4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN.

FILE NAME = W:\dststd\22x34\be701.dgn	USER NAME = goglionobt	DESIGNED -	REVISED - 08-08-03	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LUMINAIRE SAFETY CABLE ASSEMBLY</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,000' / IN.	DRAWN -	REVISED -					362	12-00076-00-FP	WILL	59	43
	PLOT DATE = 1/4/2008	CHECKED -	REVISED -					<b>BE-701</b>		CONTRACT NO. 61A26		
	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



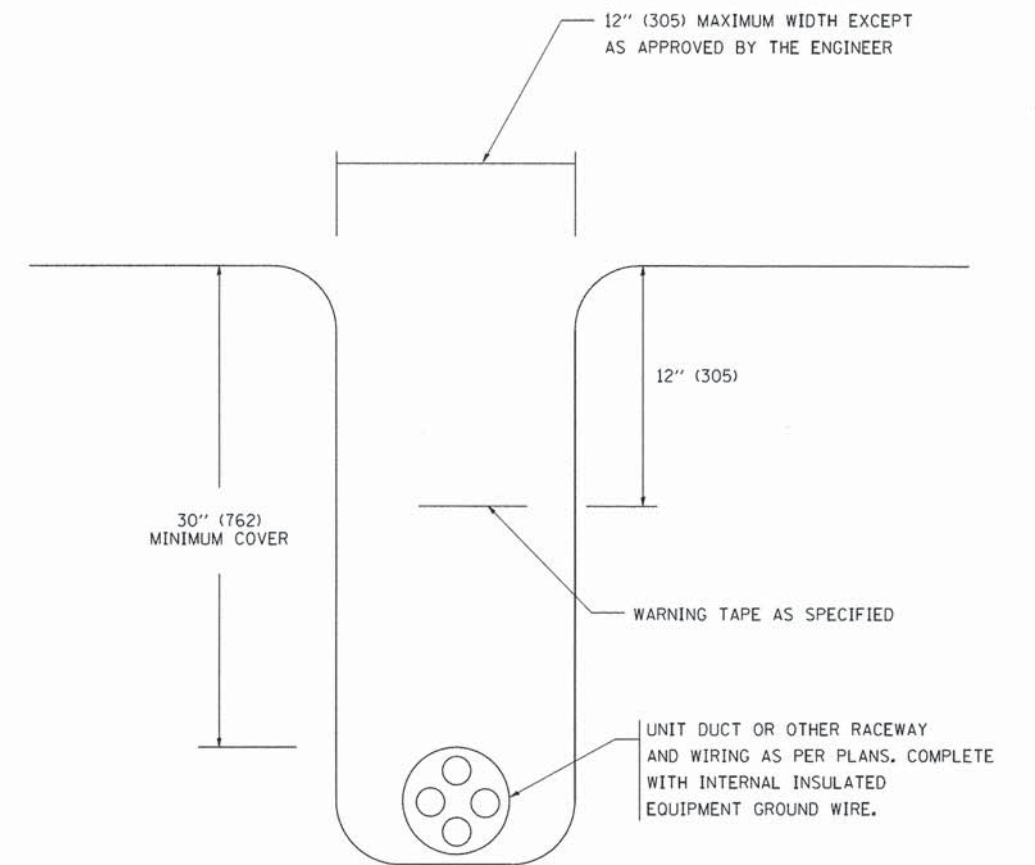
TYPICAL SPLICE DETAIL

N.T.S.



POLE WIRING DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.

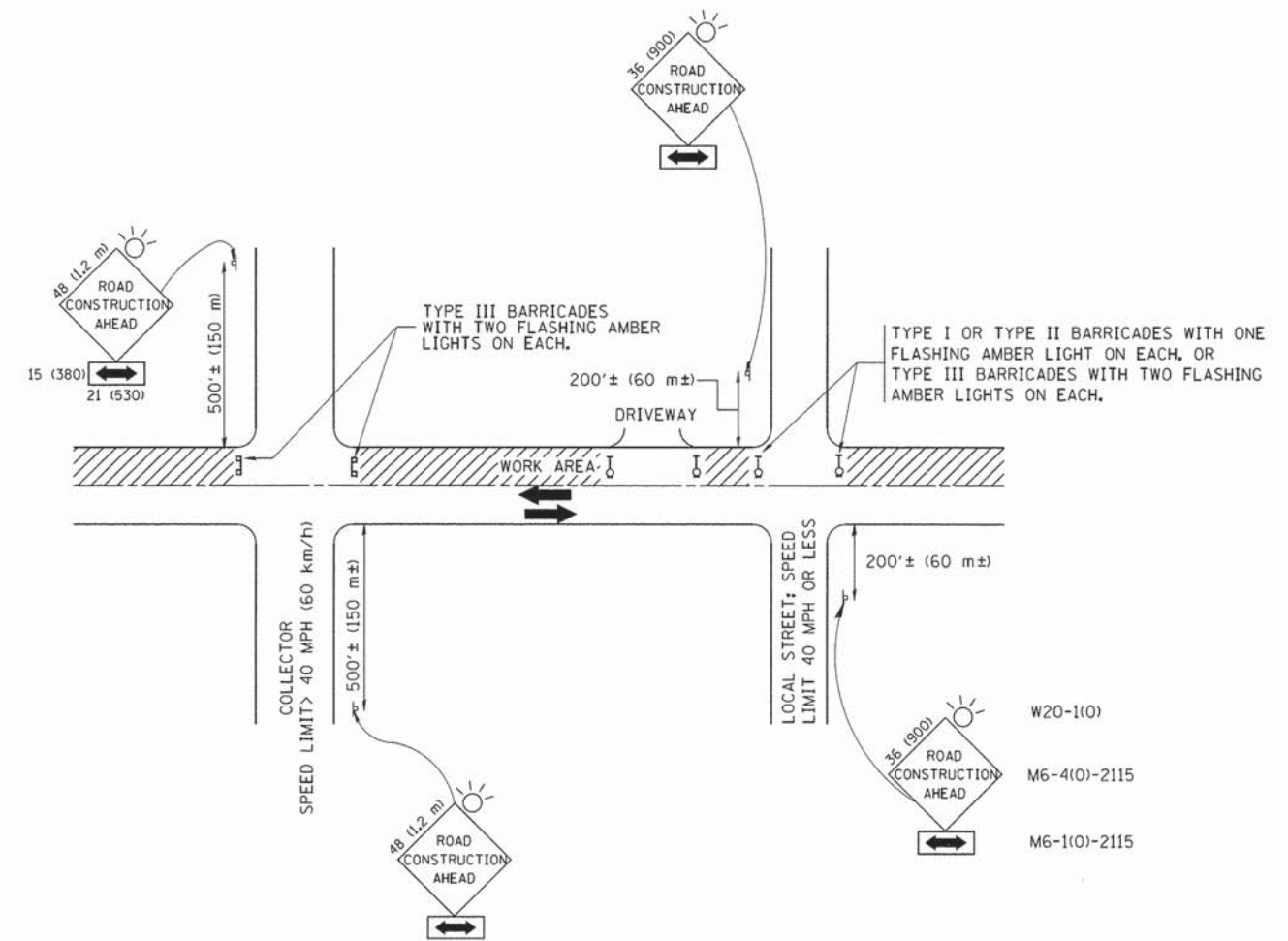
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	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS  
SHEET A

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	44
BE-702			CONTRACT NO. 61A26	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

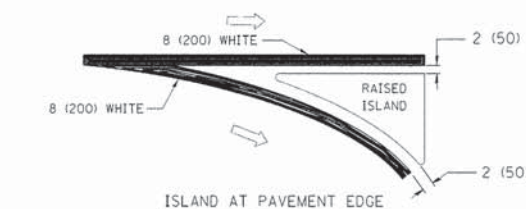
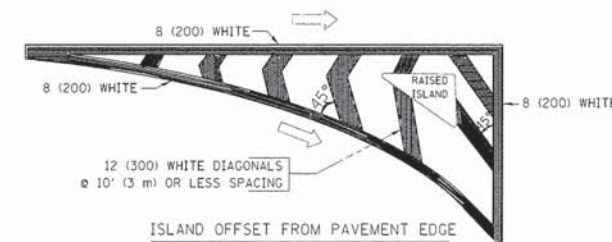
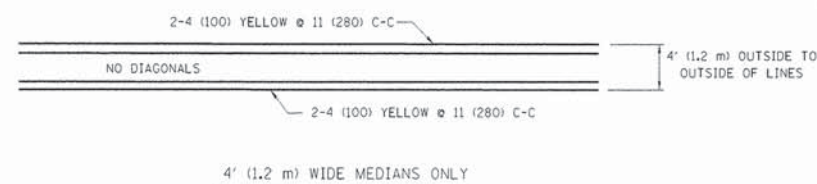
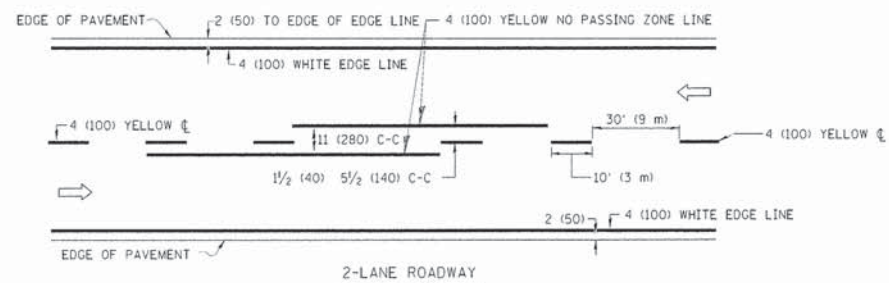
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\diststd\22x34\to18.dgn	USER NAME = gegl1enob1	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

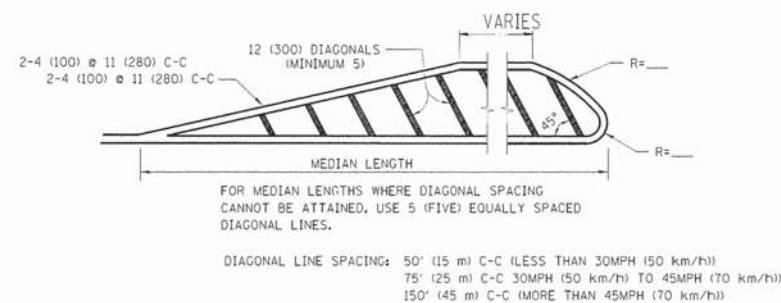
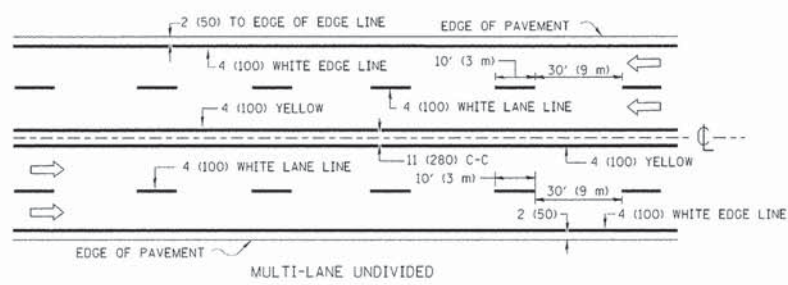
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

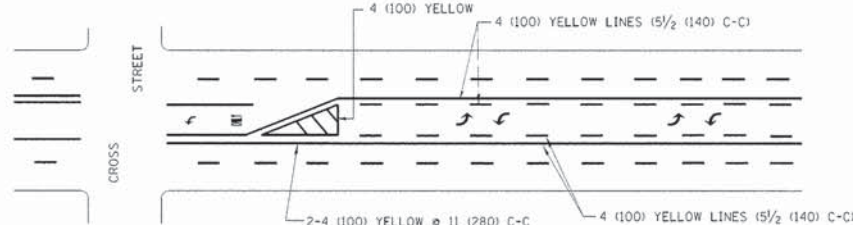
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	45
TC-10			CONTRACT NO. 61A26	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



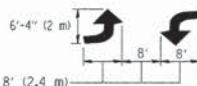
TYPICAL ISLAND MARKING



MEDIANS OVER 4' (1.2 m) WIDE

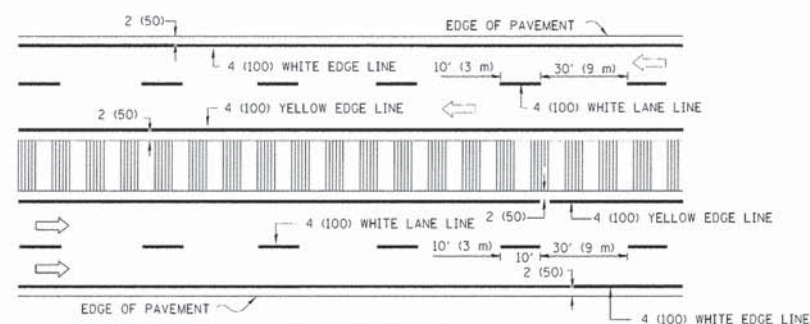


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

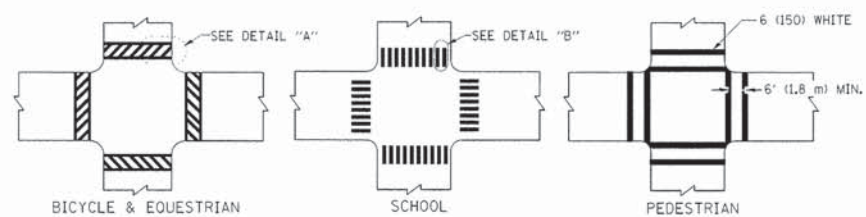
TYPICAL PAINTED MEDIAN MARKING



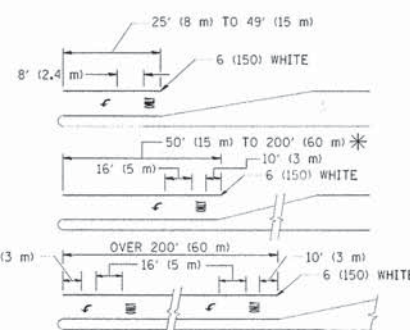
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>) \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = drvakosgn	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
DRW	3.dgn	DRAWN -	REVISED -C. JUCIUS 09-09-09
PLOT SCALE = 5/8" = 1'		CHECKED -	REVISED -
PLOT DATE = 9/9/2009		DATE - 03-19-90	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	46
TC-13		CONTRACT NO. 61A26		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**ROUTE MARKERS**

FOR U.S. ROUTES  
M1-40-2424

FOR ILLINOIS ROUTES  
M1-50-2424

R.R. UNMARKED ROUTES  
SPECIAL 24" x 18" VARIABLE  
4" BLACK LETTERS ON WHITE  
REFLECTIVE BACKGROUND

**ARROWS SIGNS**

M5-1L-2115

M5-1R-2115

M6-1-2115

M6-1-2115

M6-3-2115

**CARDINAL DIRECTION & DETOUR SIGNS**

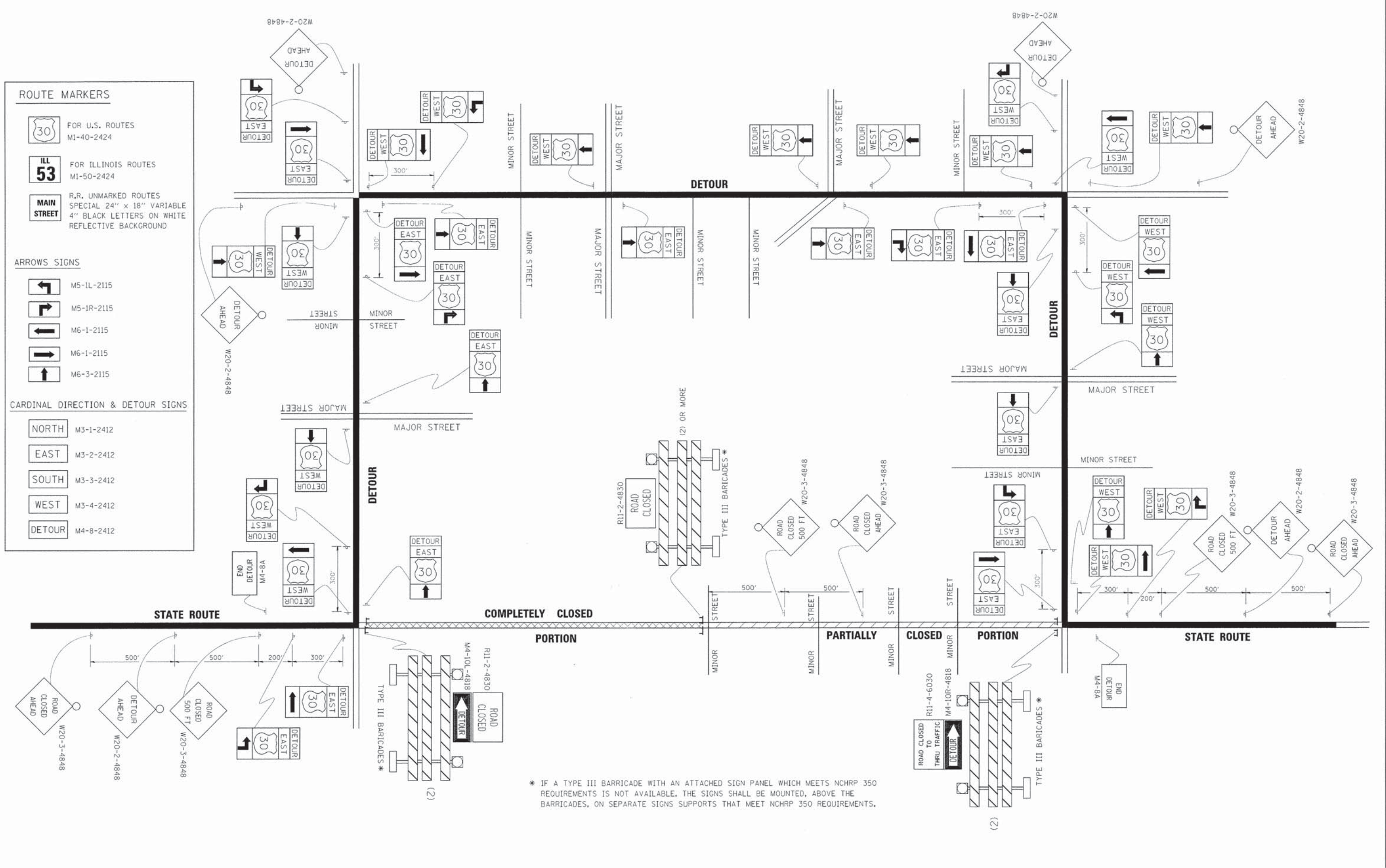
NORTH M3-1-2412

EAST M3-2-2412

SOUTH M3-3-2412

WEST M3-4-2412

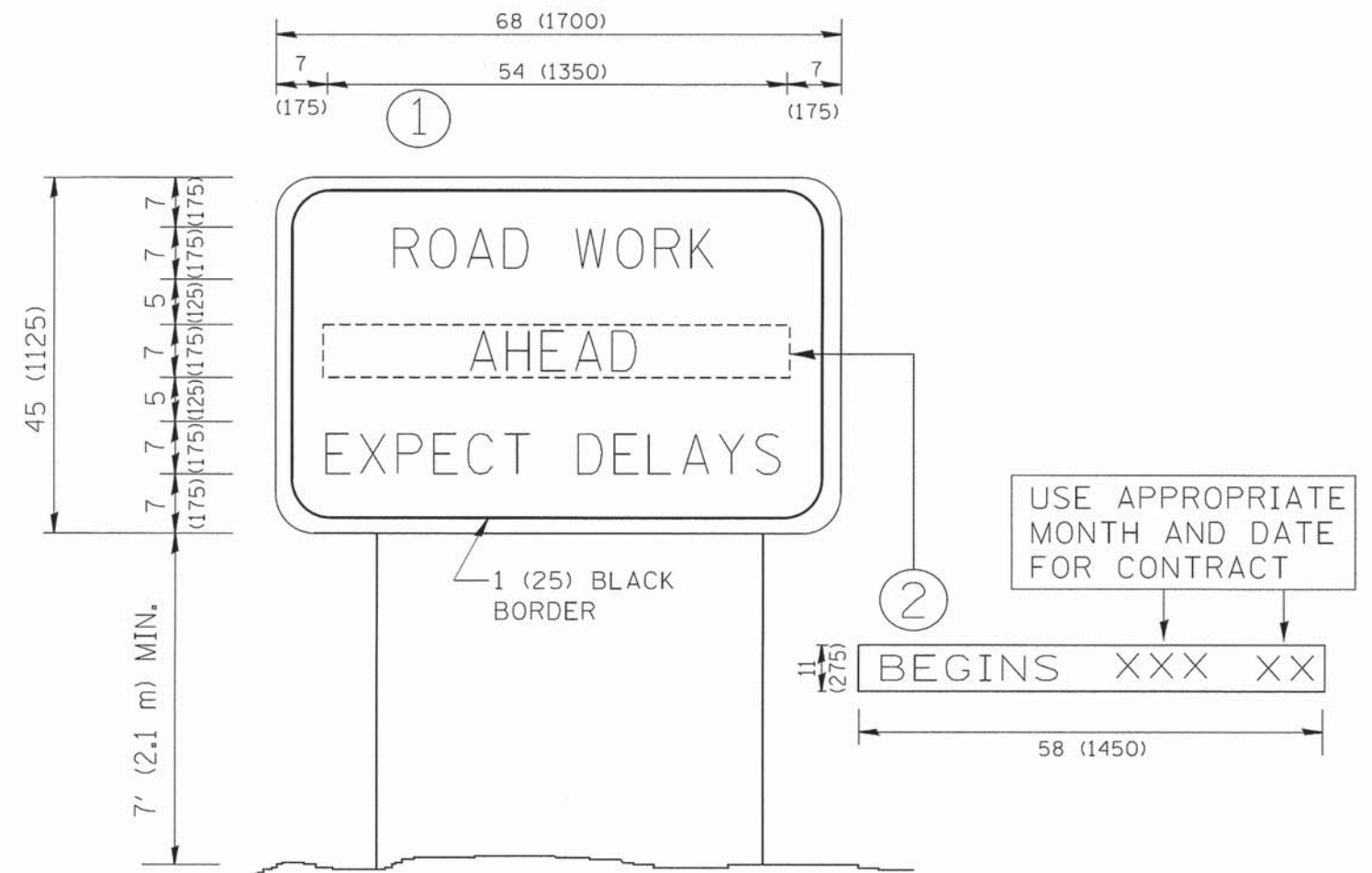
DETOUR M4-8-2412



\* IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.

FILE NAME =	USER NAME = drvakougn	DESIGNED -	REVISED - 10-18-02	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETOUR SIGNING FOR CLOSING STATE HIGHWAYS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
21.dgn	21.dgn	DRAWN -	REVISED - R. BORO 09-14-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	362	12-00076-00-FP	WILL	59	47
		PLT SCALE = 49,9999 1/16 IN.	CHECKED -		REVISED -				<b>TC-21</b>				
		PLT DATE = 9/14/2029	DATE -		REVISED -				CONTRACT NO. 61A26				
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					





NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = goglionobt	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE -	REVISED - C. JUCIUS 01-31-07		FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT							



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE  
 PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)  
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY  
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE  
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME =	USER NAME = goglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ct:\p\work\p\dot\goglianob\108315\td	6.dgn	DRAWN -	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

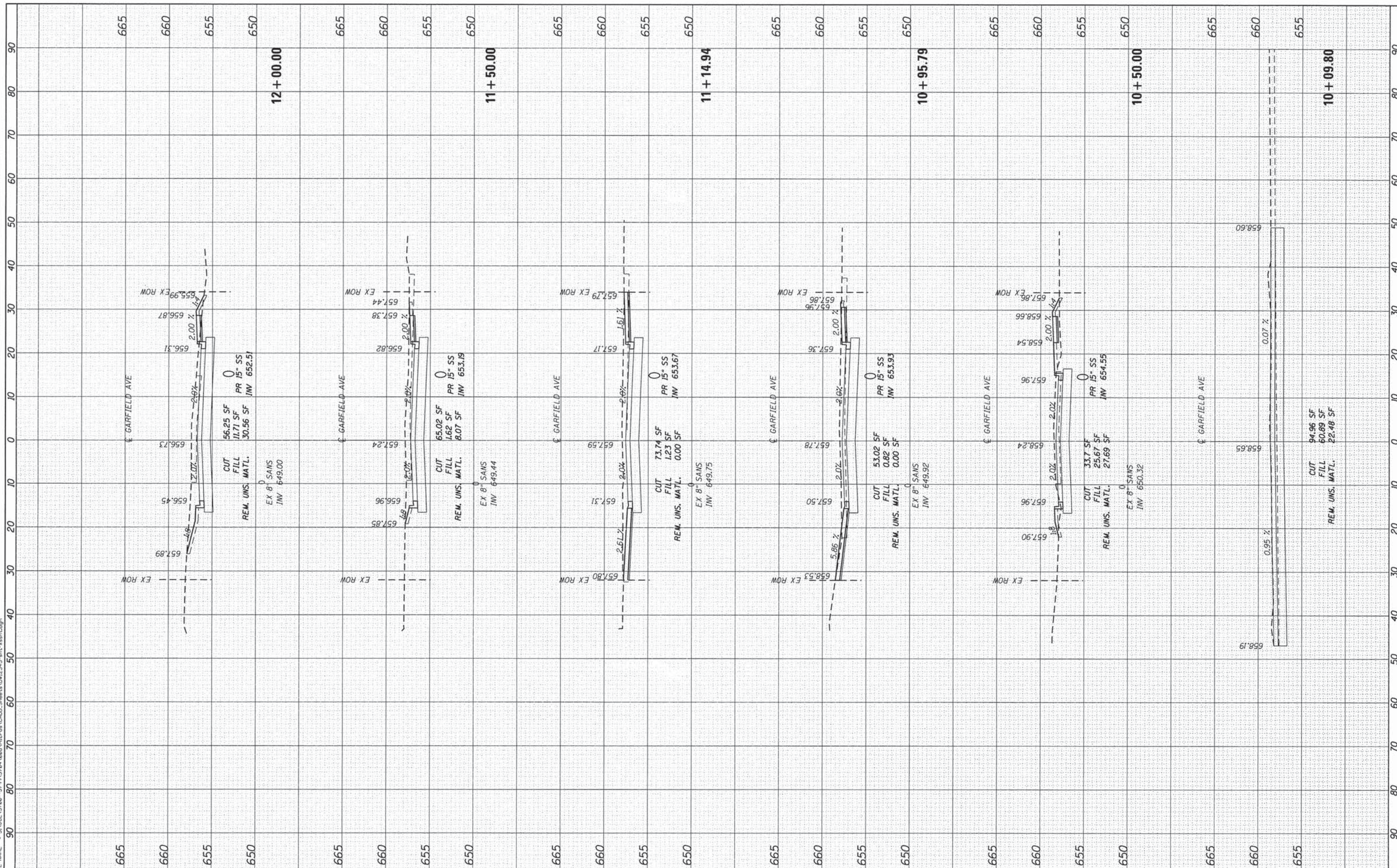
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-00076-00-FP	WILL	59	49
<b>TC-26</b>			<b>CONTRACT NO. 61A26</b>	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	

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

FILE NAME = S:\JUL\3780-3799\3780-3799\Drawings\12-0076-00-FP\12-0076-00-FP.dwg



**STRAND ASSOCIATES\***  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennisw  
 MODEL NAME = Default  
 PLOT SCALE = 10.0000" / in.  
 PLOT DATE = 2/4/2014

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GARFIELD AVENUE CROSS SECTIONS

SCALE: 10-H 5-V    SHEET 1 OF 10 SHEETS    STA. 10+09.80 TO STA. 12+00.00

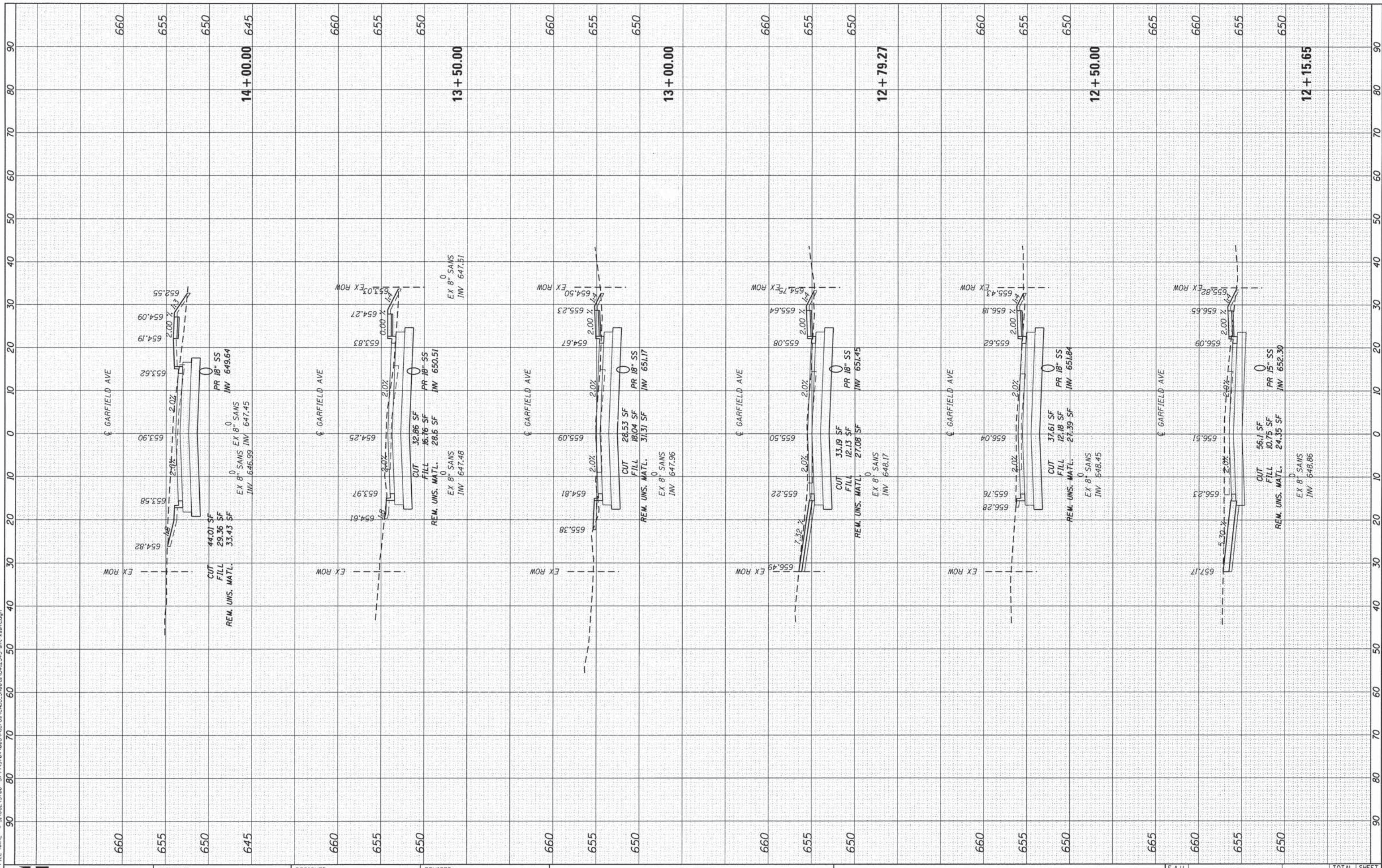
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362	12-0076-00-FP	WILL	59	50

CONTRACT NO. 61A26  
 [ILLINOIS] FED. AID PROJECT

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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**SA STRAND ASSOCIATES**  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = denniss  
MODEL NAME = Default  
PLOT SCALE = 10.0000' / in.  
PLOT DATE = 2/4/2014

DESIGNED -  
DRAWN -  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

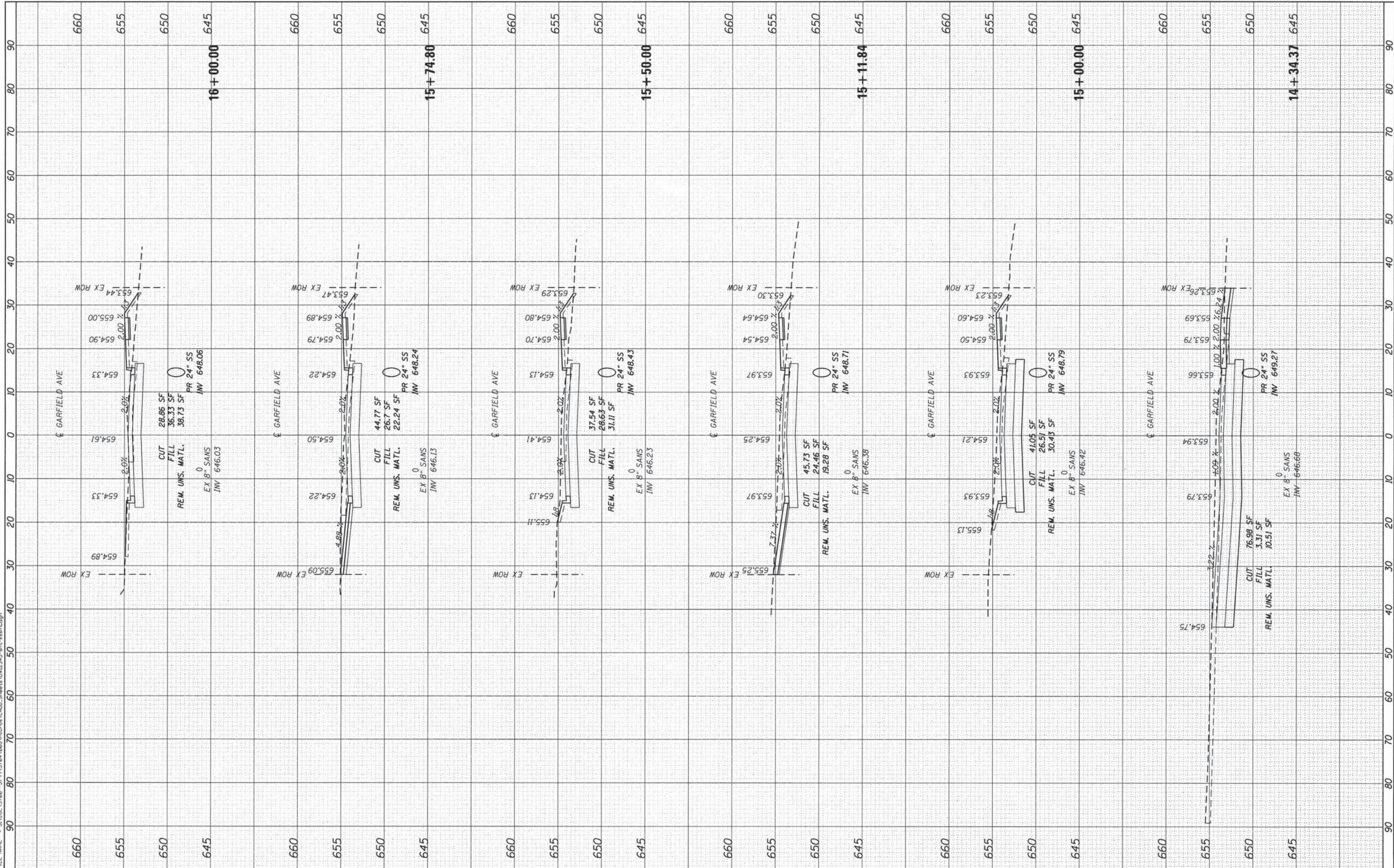
**GARFIELD AVENUE CROSS SECTIONS**  
SCALE: 10-H 5-V SHEET 2 OF 10 SHEETS STA. 12+15.65 TO STA. 14+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-0076-00-FP	WILL	59	51
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
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NOTE BOOK	PLOTTED	BY
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**STRAND ASSOCIATES\***  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/4/2014	DATE -	REVISED -

DESIGNED -	REVISED -
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DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE CROSS SECTIONS**

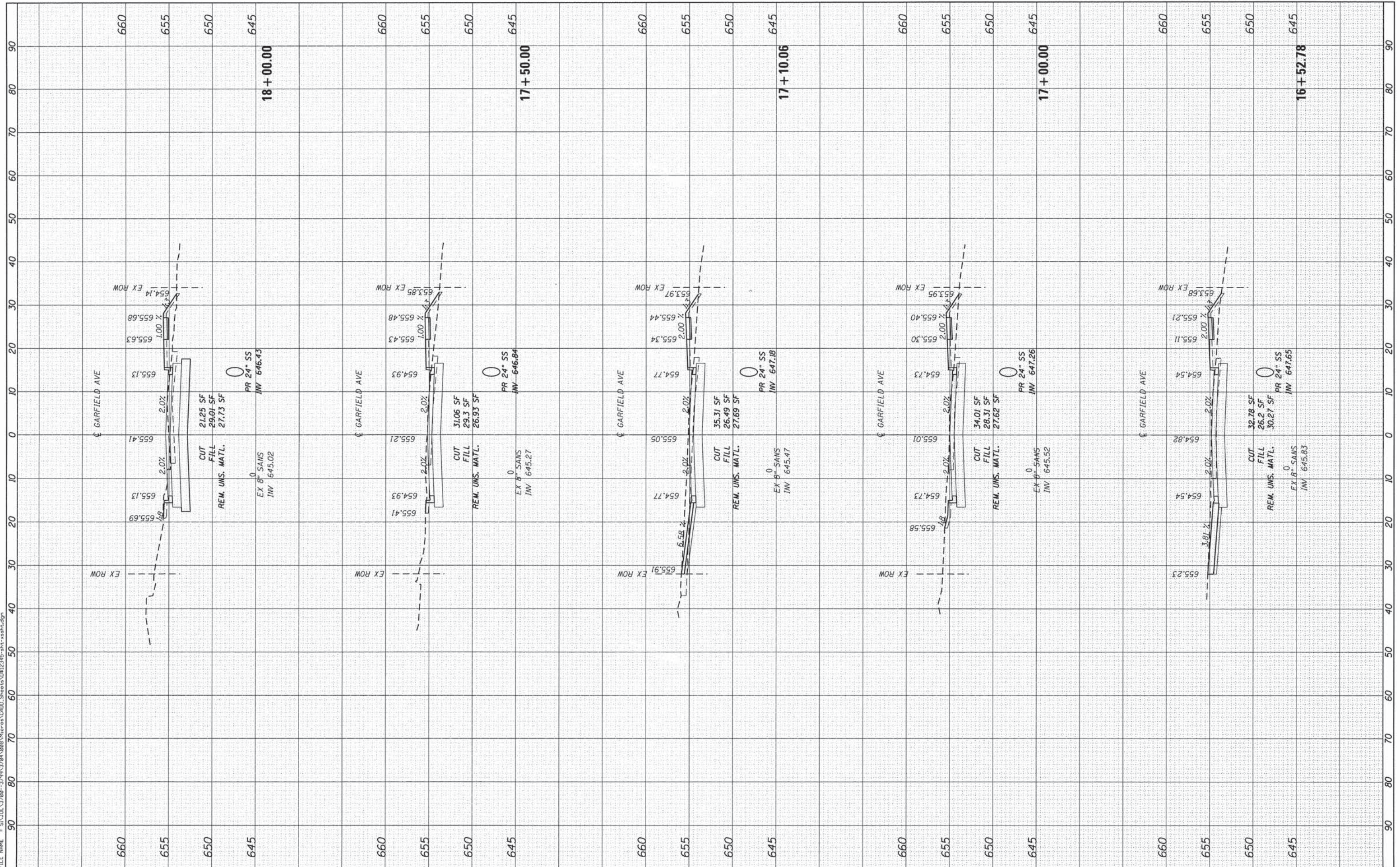
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362	12-0076-00-FP	WILL	59	52
CONTRACT NO. 61A26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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**STRAND ASSOCIATES\***  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw  
MODEL NAME = Default  
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PLOT DATE = 2/4/2014

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE CROSS SECTIONS**

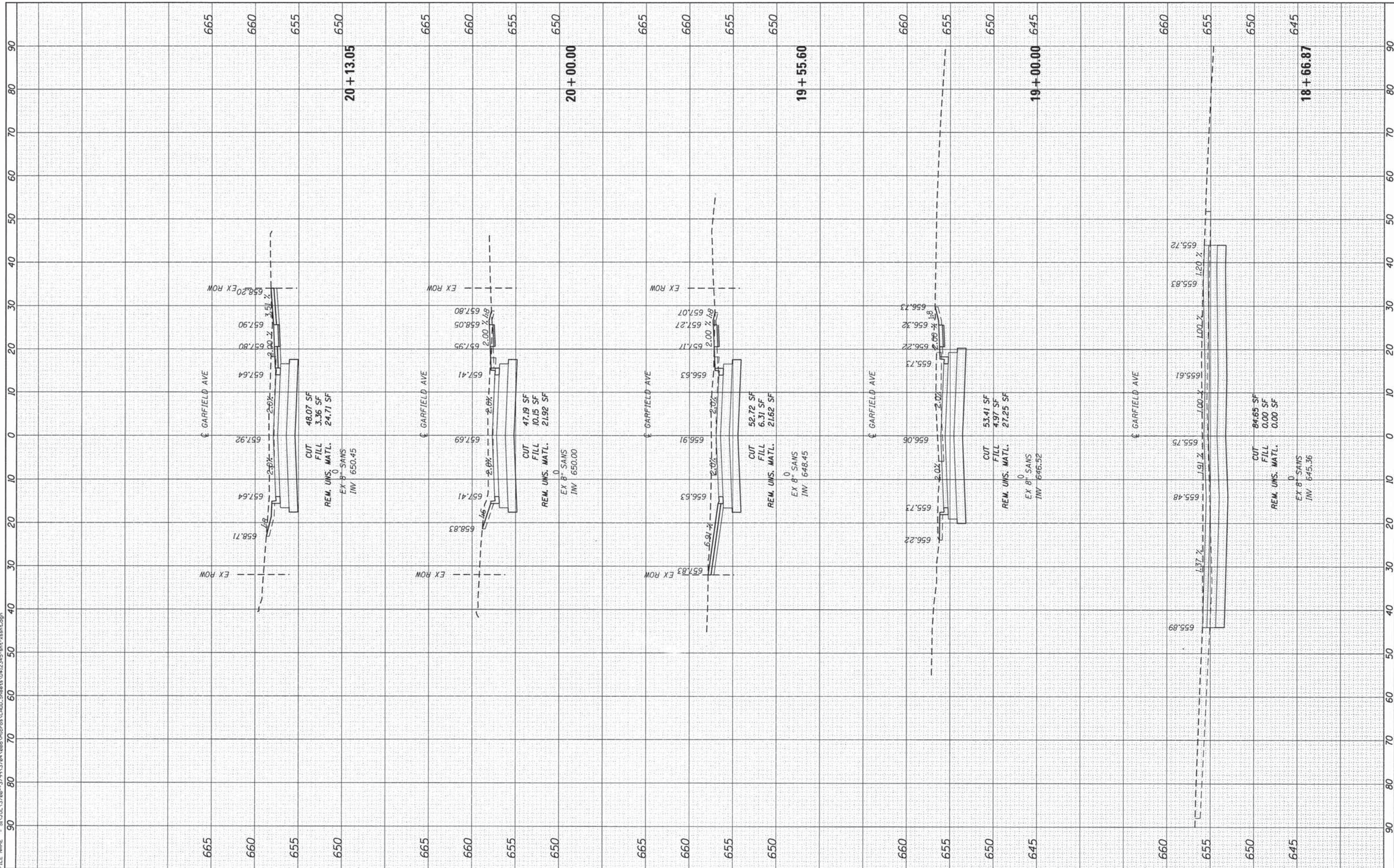
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-0076-00-FP	WILL	59	53
CONTRACT NO. 61A26				
[ILLINOIS] FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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REVISIONS	REVISIONS
REVISIONS	REVISIONS
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REVISIONS	REVISIONS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GARFIELD AVENUE CROSS SECTIONS

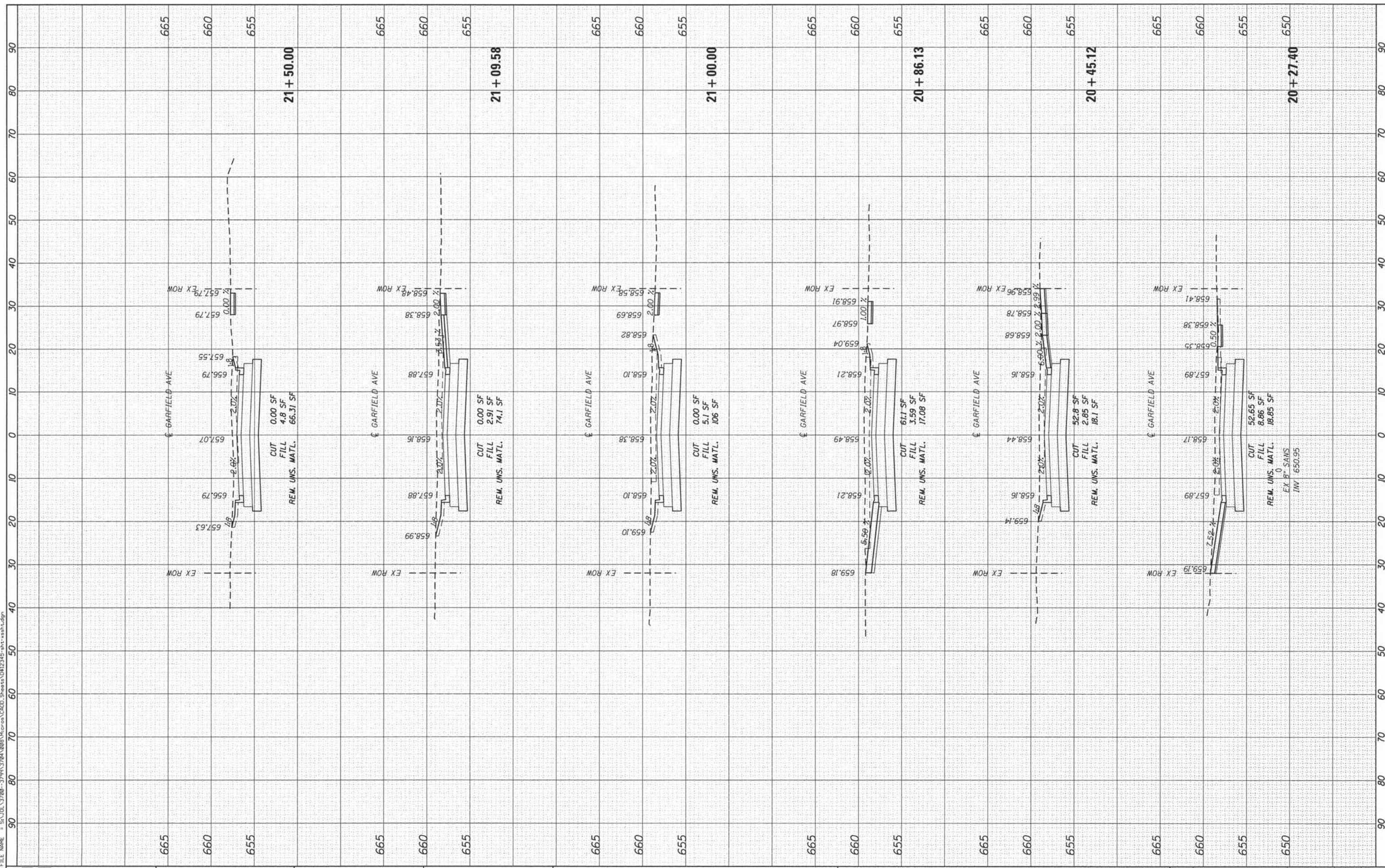
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-0076-00-FP	WILL	59	54
CONTRACT NO. 61A26				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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PLOT DATE = 2/4/2014	DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GARFIELD AVENUE CROSS SECTIONS

SCALE: 10'-H 5'-V SHEET 6 OF 10 SHEETS STA. 20+27.40 TO STA. 21+50.00

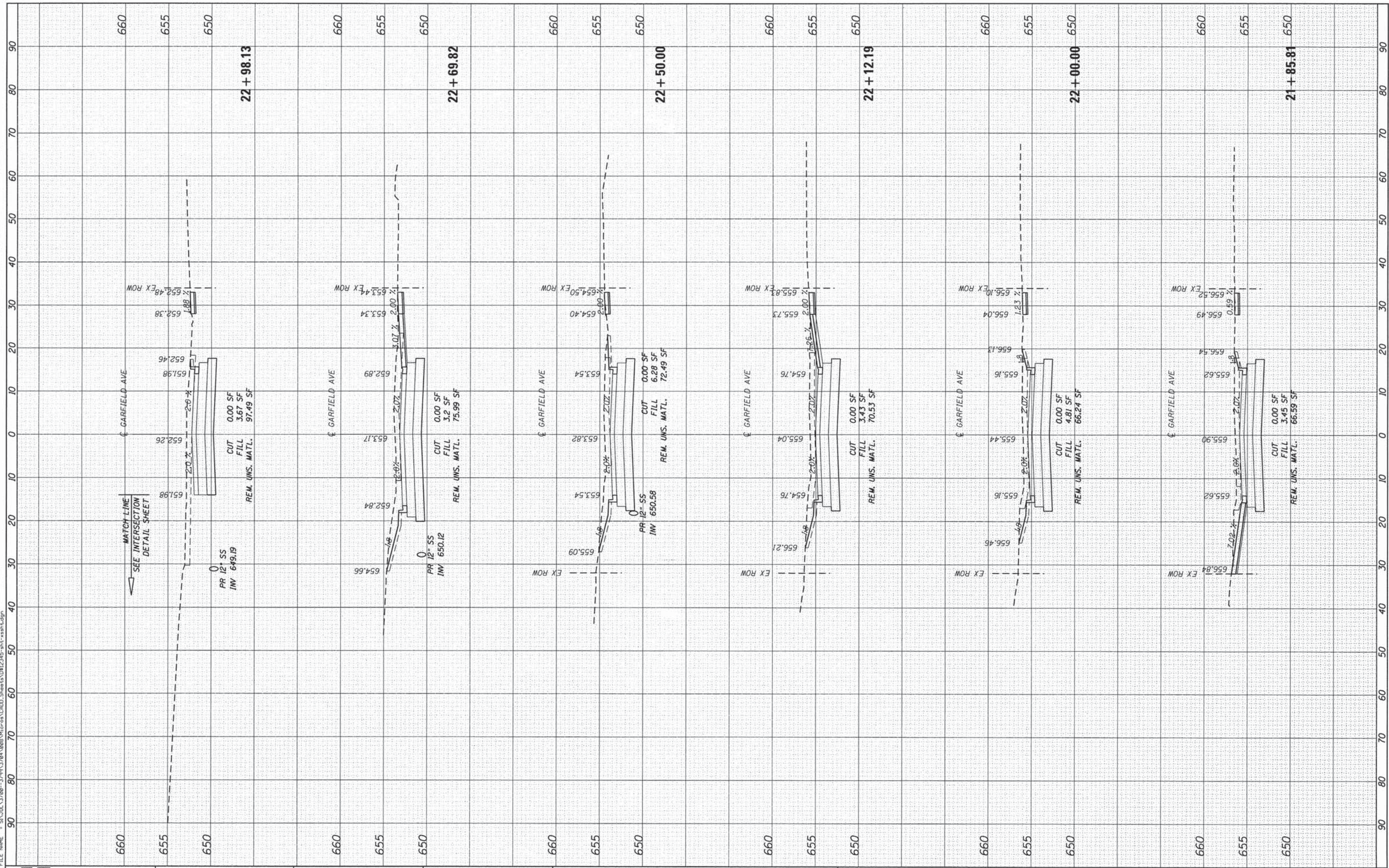
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-0076-00-FP	WILL	59	55
CONTRACT NO. 61A26			[ILLINOIS] FED. AID PROJECT	



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

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

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**SA STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200

USER NAME = dennissw	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE CROSS SECTIONS**

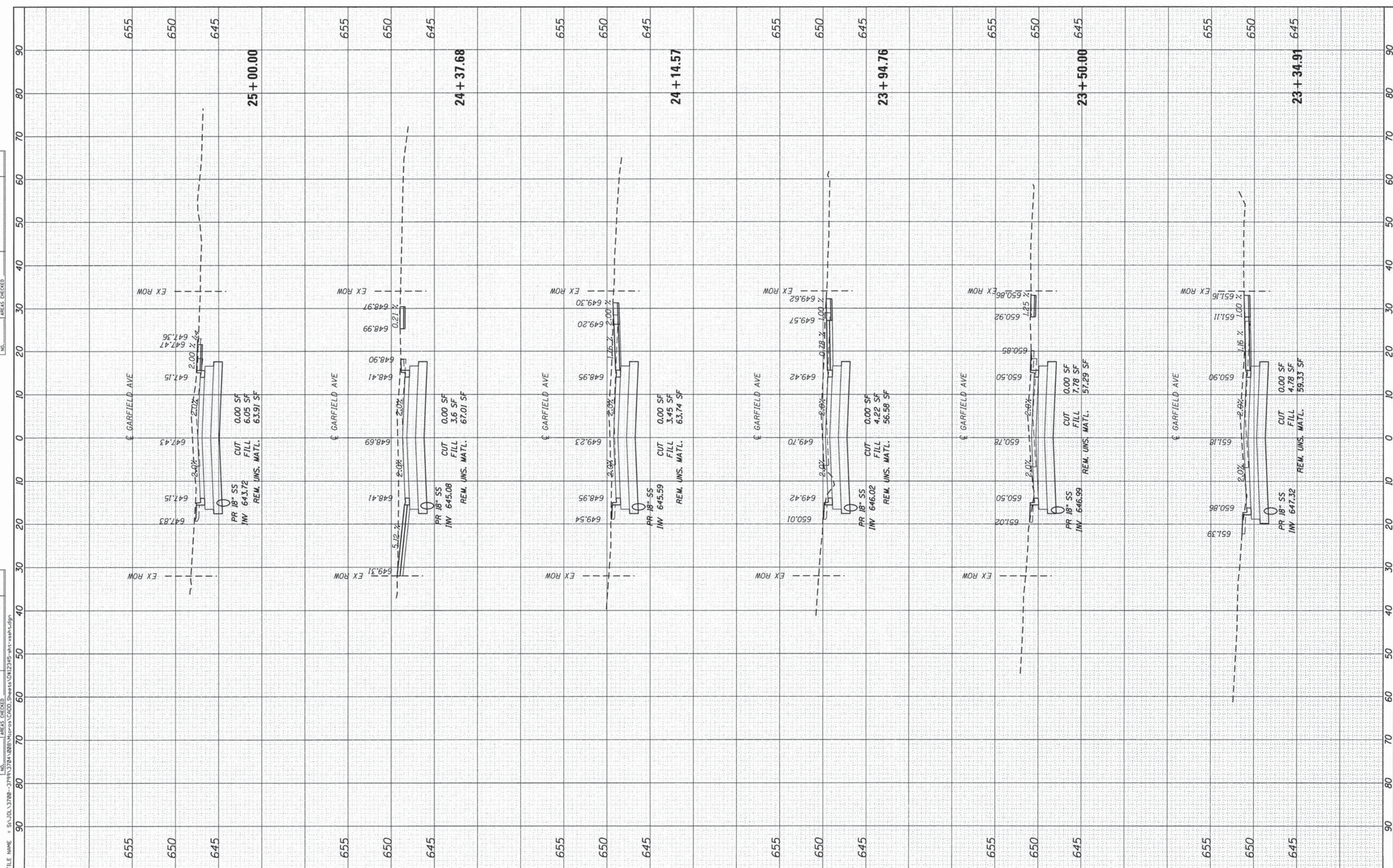
SCALE: 10-H 5-V    SHEET 7 OF 10 SHEETS    STA. 21+85.81 TO STA. 22+98.13

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-0076-00-FP	WILL	59	56
<b>CONTRACT NO. 61A26</b>			<b>ILLINOIS FED. AID PROJECT</b>	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

FILE NAME = S:\10\3720-3799\3720\808\micros\cadd\Sheet8.DWG



**STRAND ASSOCIATES**  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200

USER NAME = dennisw	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 10.00000' / 1"	CHECKED -	REVISED -
PLOT DATE = 2/4/2014	DATE -	REVISED -

STATE OF ILLINOIS	DESIGNED -	REVISED -
DEPARTMENT OF TRANSPORTATION	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE CROSS SECTIONS**

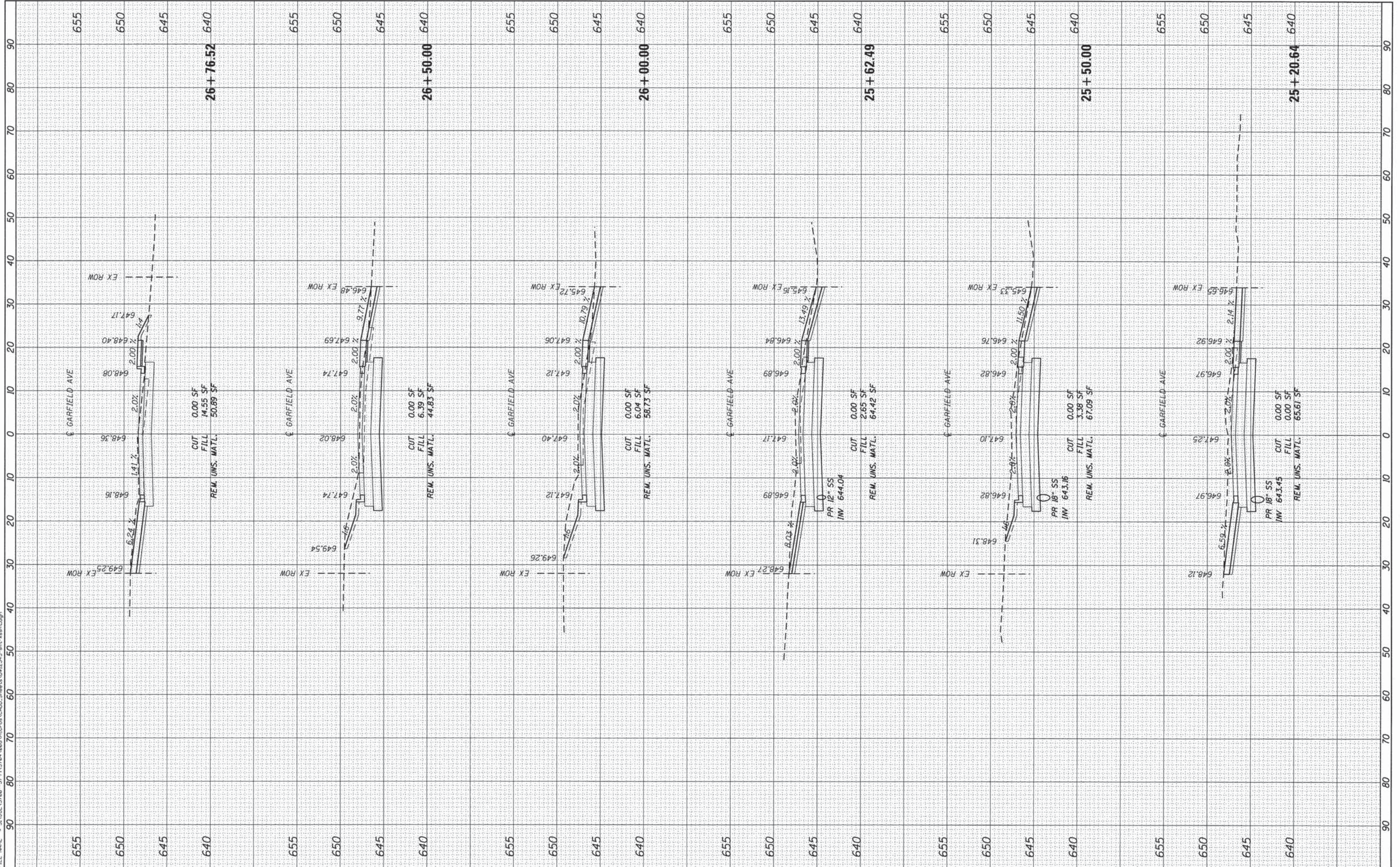
SCALE: 10'-H 5'-V    SHEET 8 OF 10 SHEETS    STA. 23+34.91 TO STA. 25+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-0076-00-FP	WILL	59	57
CONTRACT NO. 61A26				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = dennis	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 1/8" = 1'-0"	CHECKED -	REVISED -
PLOT DATE = 2/17/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE CROSS SECTIONS**

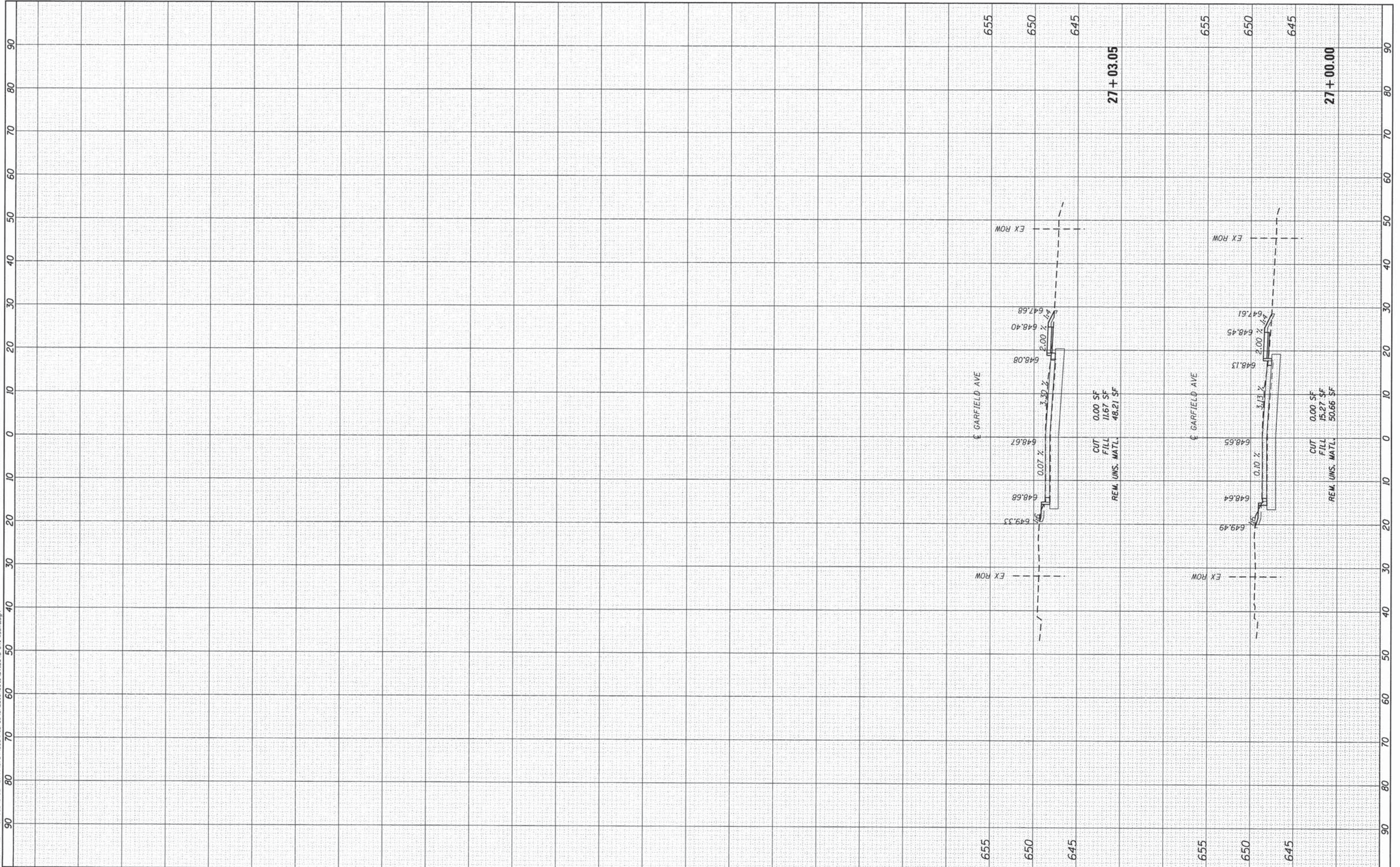
SCALE: 10-H 5-V SHEET 9 OF 10 SHEETS STA. 25+20.64 TO STA. 26+76.52

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-0076-00-FP	WILL	59	58
CONTRACT NO. 61A26			ILLINOIS FED. AID PROJECT	

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

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**SA** 1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
**STRAND ASSOCIATES**

USER NAME = dennisw	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 2/4/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARFIELD AVENUE CROSS SECTIONS**

SCALE: 10-H 5-V SHEET 10 OF 10 SHEETS STA. 27+00.00 TO STA. 27+03.05

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
362	12-0076-00-FP	WILL	59	59
CONTRACT NO. 61A26				
ILLINOIS FED. AID PROJECT				