06-12-2015 LETTING ITEM 232

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	1
	ILLINOIS	CONTRACT NO. 61B61		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 406 (READ STREET)
FAU ROUTE 291 (DIVISION STREET) TO
FAU ROUTE 290 (7TH STREET)
SECTION 13–00079–00–PV
PROJECT NO: M–4003(223)
ROADWAY RECONSTRUCTION
CITY OF LOCKPORT
WILL COUNTY
C–91–003–14

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

LOCATION OF SECTION INDICATED THUS: –

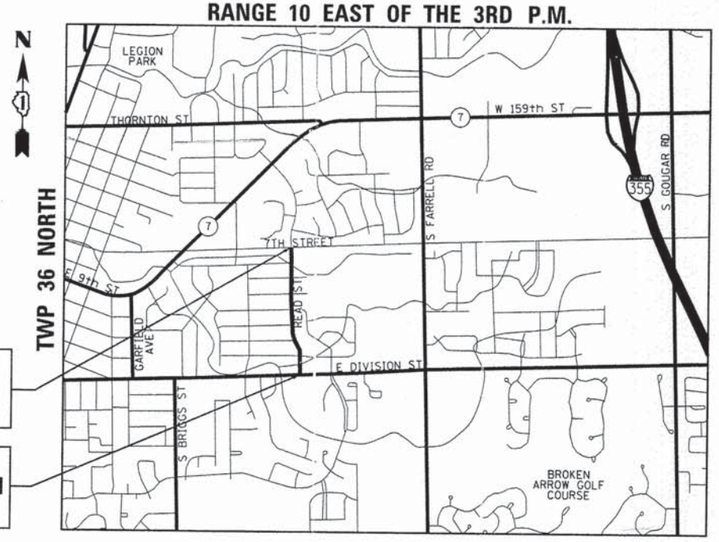
TRAFFIC DATA

READ STREET
POSTED SPEED LIMIT = 25 MPH
DESIGN SPEED LIMIT = 30 MPH
2010 ADT = 4,674
2040 ADT = 7,000

DESIGN DESIGNATION

READ STREET: 5,720 (15) MAJOR COLLECTOR 0.3676 (FD–20)

RANGE 10 EAST OF THE 3RD P.M.

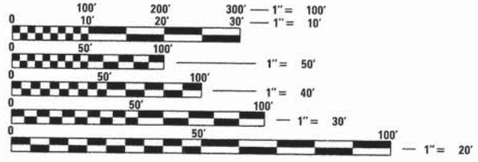


READ STREET IMPROVEMENT END STA. 36 + 84.28

READ STREET IMPROVEMENT BEGIN STA. 10 + 10.21

LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 2674.07 FT. = 0.506 MILE
NET LENGTH = 2674.07 FT. = 0.506 MILE



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

STRAND ASSOCIATES, INC.
ANDREW J. RUNDE, P.E.
THIS STAMP APPLIES TO DRAWINGS NO. 45–51

062-055211 LICENSED PROFESSIONAL ENGINEER ANDREW J. RUNDE STATE OF ILLINOIS

DATE: 03/12/2015 EXP: 11/30/2015

STRAND ASSOCIATES, INC.
MARC A. GRIGAS, P.E.

062-060836 LICENSED PROFESSIONAL ENGINEER MARC A. GRIGAS ILLINOIS

DATE: 3/12/15 EXP: 11/30/15

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 3-03-15
City of Lockport, Director of Engineering

Passed April 8, 2015
Christopher Holt
District 1 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review April 8 2015
Deputy Director of Highways, Region 1 Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 61B61

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

INDEX OF SHEETS

HIGHWAY STANDARDS

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424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
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542606-02	REINFORCED CONCRETE PIPE TEE
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604051-04	FRAME AND GRATE TYPE 11
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701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
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DISTRICT ONE STANDARD DETAILS

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TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC22	ARTERIAL ROAD INFORMATION SIGN

FILE NAME = s:\jol\3700--3799\3784\03d\micros\CADD_Sheets\D#12345-sht-index.dgn

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(815) 744-4200

USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 1.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND STANDARDS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	2
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

GENERAL NOTES

1. 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.

2. 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.

3. 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.

4. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. IF THE OWNER OR THE ENGINEER SO DIRECTS THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. THE CONTRACTOR SHALL DISPOSE OF ALL SURPLUS EXCAVATED MATERIAL AND DEBRIS 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.

5. 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.

6. ALL PERMANENT TYPE PAVEMENTS OR OTHER PERMANENT IMPROVEMENTS WHICH ABUT 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.

7. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT 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.

8. 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. IN ADDITION, ALL MAIL BOXES THAT INTERFERE WITH CONSTRUCTION SHALL BE SIMILARLY RELOCATED WITH NO ADDITIONAL COMPENSATION ALLOWED. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

9. THE CONTRACTOR 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.

10. 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 TREE REMOVAL.

11. 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.

12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

13. 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.

14. 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.

15. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

16. THE CONTRACTOR SHALL ENSURE ALL PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK.

17. 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.

18. 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.

19. 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.

20. 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 FOR DRIVEWAYS AND ENTRANCES SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

21. 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.

22. LAYOUT AND STAKING FOR ALL CONSTRUCTION OPERATIONS SHALL BE PROVIDED BY THE CONTRACTOR.

23. THE COST OF CORING EXISTING MANHOLES AND 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.

24. 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.

25. 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. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT BID PRICE FOR THE WORK. 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.

26. 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.

27. 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.

28. 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.

29. 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.

30. 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.

31. 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.

32. 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 RESTORATION LIMITS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

33. GRADING AND SHAPING DITCHES WILL NOT BE PAID FOR SEPARATELY AND SHOULD BE INCLUDED IN THE COST OF EARTH EXCAVATION.

34. ANY EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF ALL DRIVEWAYS AND ENTRANCES SHALL BE INCLUDED IN THE COST OF DRIVEWAY PAY ITEM.

35. 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.

36. ALL EXISTING SIGN 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).

37. ALL BITUMINOUS SURFACES FOR BUTT JOINTS SHALL BE GROUND TO A SMOOTH, STRAIGHT EDGE AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

38. 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.

39. 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.

40. AT SIDE STREETS, THE HEIGHT AND WIDTH OF ALL PROPOSED COMBINATION CURB AND GUTTER, TYPE B-6.12 SHALL BE TRANSITIONED OVER 5' TO MATCH EXISTING CURB AND GUTTER.

41. PROPOSED SIDEWALK ON WEST SIDE OF READ FROM PUTNAM DRIVE TO 7th STREET SHALL BE LAID OUT AND REVIEWED BY THE CITY AND ENGINEER PRIOR TO CONSTRUCTION. LOCATION CHANGES TO WHAT IS SHOWN IN THE PLANS SHALL BE INCLUDED IN THE COST OF CONSTRUCTION LAYOUT.

COMMITMENTS

1. THE CONTRACTOR SHALL CONSTRUCT THE DRIVEWAY OF 906 READ STREET IN TWO STAGES TO ALLOW ACCESS TO THE RESIDENCE AT ALL TIMES.

FILE NAME = s:\pl\3788--3789\3784\838\micros\CADD\Sheets\0812345-sht-gennote.dgn

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JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 1.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	3
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					ROADWAY 0004	STREET LIGHTING 0021
					80% FED 20% STATE	80% FED 20% STATE
					URBAN	URBAN
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	54	54	
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	298	298	
	20101100	TREE TRUNK PROTECTION	EACH	75	75	
	20200100	EARTH EXCAVATION	CU YD	4,893	4,893	
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,319	2,319	
	20300100	CHANNEL EXCAVATION	CU YD	156	156	
	20800150	TRENCH BACKFILL	CU YD	411	411	
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,349	2,349	
+	25200200	SUPPLEMENTAL WATERING	UNIT	140	140	
	28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	15	15	
+	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	469	469	
+	28000400	PERIMETER EROSION BARRIER	FOOT	718	718	
	28000500	INLET AND PIPE PROTECTION	EACH	4	4	
	28000510	INLET FILTERS	EACH	84	84	

+ SPECIALTY ITEM

FILE NAME = S:\JOL\3700--3799\3784\838\Micro\CADD\Sheets\D812345-sht-SOQ.dgn

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PLOT SCALE = 1.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 1 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	4
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					ROADWAY 0004	STREET LIGHTING 0021
					80% FED 20% STATE	80% FED 20% STATE
					URBAN	URBAN
	28001000	AGGREGATE (EROSION CONTROL)	TON	6	6	
+	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	6,637	6,637	
	28100111	STONE RIPRAP, CLASS A6	SQ YD	175	175	
	28200200	FILTER FABRIC	SQ YD	175	175	
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	783	783	
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	12,287	12,287	
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	25,516	25,516	
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3,023	3,023	
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,189	1,189	
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,200	1,200	
	44000100	PAVEMENT REMOVAL	SQ YD	10,210	10,210	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,305	1,305	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,459	5,459	
	44000600	SIDEWALK REMOVAL	SQ FT	18,903	18,903	

+ SPECIALTY ITEM

FILE NAME = S:\DL\3700-3799\3784\838\Micros\C600.Sheets\0412345-sht-S00.dgn

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

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PLOT SCALE = 1.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 2 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	5
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				ROADWAY 0004	STREET LIGHTING 0021
				80% FED 20% STATE	80% FED 20% STATE
				URBAN	URBAN
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	28	28	
54214749	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 54"	EACH	1	1	
54216200	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER	EACH	1	1	
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	634	634	
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	40	40	
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	177	177	
550A2350	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 21"	FOOT	144	144	
550A2360	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 24"	FOOT	63	63	
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	602	602	
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	713	713	
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	149	149	
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	20	20	
550A4720	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 54"	FOOT	88	88	
+ 56106400	ADJUSTING WATER MAIN 8"	FOOT	140	140	

+ SPECIALTY ITEM

FILE NAME = S:\JOL\3788--3799\3784\830\Micros\CADD_Sheets\D812345-sht-SQQ.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 3 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	6
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 80% FED 20% STATE URBAN	CONSTRUCTION CODE: STREET LIGHTING 0021 80% FED 20% STATE URBAN
+	56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	216	216	
+	56300200	ADJUSTING SANITARY SEWERS, OVER 8-INCH DIAMETER	FOOT	16	16	
	60107700	PIPE UNDERDRAINS 6"	FOOT	102	102	
	60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	7	7	
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3	
	60222000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2	
	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	12	12	
	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	12	12	
	60240312	INLETS, TYPE B, TYPE 11V FRAME AND GRATE	EACH	6	6	
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5,876	5,876	
	66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2	

+ SPECIALTY ITEM

FILE NAME = S:\JOL\3700--3799\3784\830\Micros\CADD_Sheets\D812345-sht-SOD.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 4 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	7

CONTRACT NO. 61B61

ILLINOIS FED. AID PROJECT

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 — 80% FED 20% STATE URBAN	CONSTRUCTION CODE: STREET LIGHTING 0021 — 80% FED 20% STATE URBAN
	67100100	MOBILIZATION	L SUM	1	1	
+	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,358	4,358	
+	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	838	838	
+	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	852	852	
+	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	253	253	
+	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	34	34	
+	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	586		586
+	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	106		106
+	81603050	UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	2,327		2,327
+	81603060	UNIT DUCT, 600V, 3-1C NO. 8, 1/C NO. 10 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	1,133		1,133
+	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	146		146
+	A2001216	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	2		2

+ SPECIALTY ITEM

FILE NAME = S:\JOL\3708--3799\3784\838\Micros\C400_Sheets\D812345-sht-S00.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 5 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	8
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 80% FED 20% STATE URBAN	CONSTRUCTION CODE: STREET LIGHTING 0021 80% FED 20% STATE URBAN
+	A2002516	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	2		2
+	A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	3		3
+	A2004716	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	3		3
+	A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	1		1
+	A2008116	TREE, TILIA CORDATA GREENSPIRE (GREENSPIRE LITTLE LEAF LINDEN), 2" CALIPER, BALLED AND BURLAPPED	EACH	2		2
+	B2000121	TREE, ACER TATARICUM (TATARIAN MAPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	2		2
+	X0326654	ORNAMENTAL LIGHT UNIT, COMPLETE	EACH	16		16
+	X0327241	STEEL CASING PIPE IN TRENCH, 24 INCH	FOOT	63	63	
+	X2520650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	6,637	6,637	
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	27,591	27,591	
	X5510100	STORM SEWER REMOVAL	FOOT	633	633	
+	X5620128	ADJUSTING WATER SERVICE LINES	EACH	8	8	
	X6022040	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	23	23	
	X6022050	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	1	

+ SPECIALTY ITEM

FILE NAME = S:\IDL\3700--3799\3784\038\Micros\CADD_Sheets\0412345-sht-SOD.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 6 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	9
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
					ROADWAY 0004	STREET LIGHTING 0021
					80% FED 20% STATE	80% FED 20% STATE
					URBAN	URBAN
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
+	X8300001	LIGHT POLE, SPECIAL	EACH	16		16
	XX007729	DETECTABLE WARNINGS, SPECIAL	SQ FT	518	518	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
	Z0017500	DRAINAGE & UTILITY STRUCTURE ADJUSTMENT (SPECIAL)	EACH	16	16	
	Z0017800	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED (SPECIAL)	EACH	8	8	
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	27	27	
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	
+	Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	16		16
	Z0042300	PORTLAND CEMENT CONCRETE SIDEWALK CURB	FOOT	134	134	
	Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	70	70	
	Z0056650	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 15"	FOOT	51	51	
	Z0056652	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 18"	FOOT	102	102	
	Z0056668	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	22	22	

+ SPECIALTY ITEM

FILE NAME = SAJOL\3780--3794\3784\808\Micros\CADD\Sheets\0812345-sht-SDD.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 7 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	10
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: ROADWAY 0004 — 80% FED 20% STATE URBAN	CONSTRUCTION CODE: STREET LIGHTING 0021 — 80% FED 20% STATE URBAN
Z0056669	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 15"	FOOT	170	170	
X6022061	MANHOLES - TYPE A, 8' DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	1	

+ SPECIALTY ITEM

FILE NAME = S:\JOL\3788-3799\3784\838\Micros\C400_Sheets\D812345-sht-500.dgn

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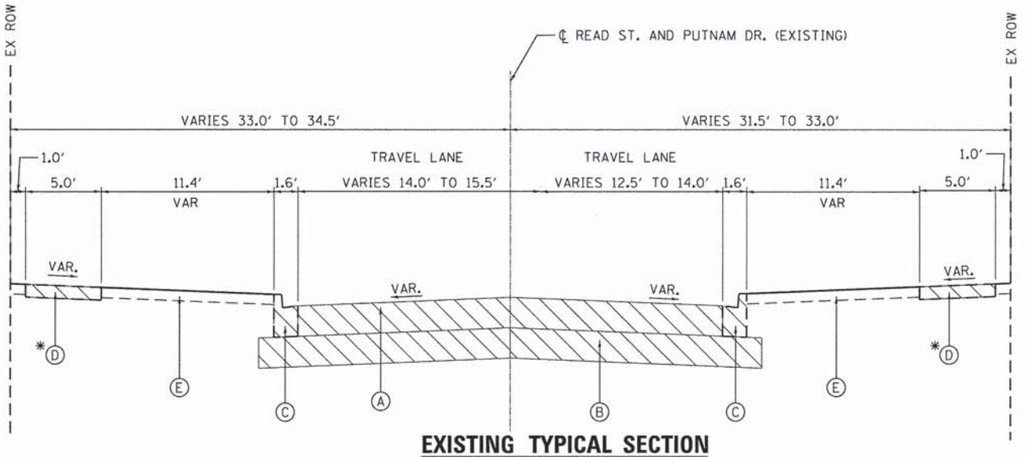
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 8 OF 8 SHEETS | STA. | TO STA.

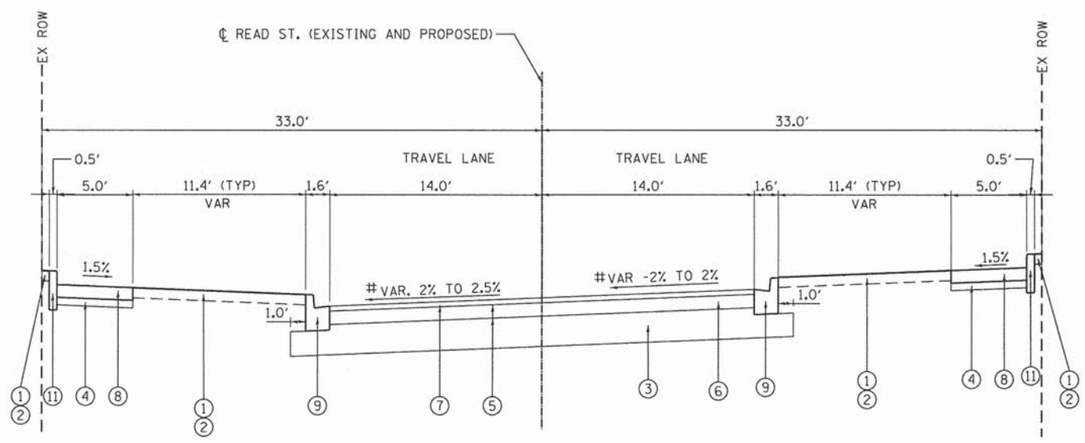
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	11
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			



EXISTING TYPICAL SECTION

READ STREET
STA. 10+10.21 TO STA. 36+84.28
PUTNAM DRIVE
STA. 100+35.00 TO STA. 101+89.98

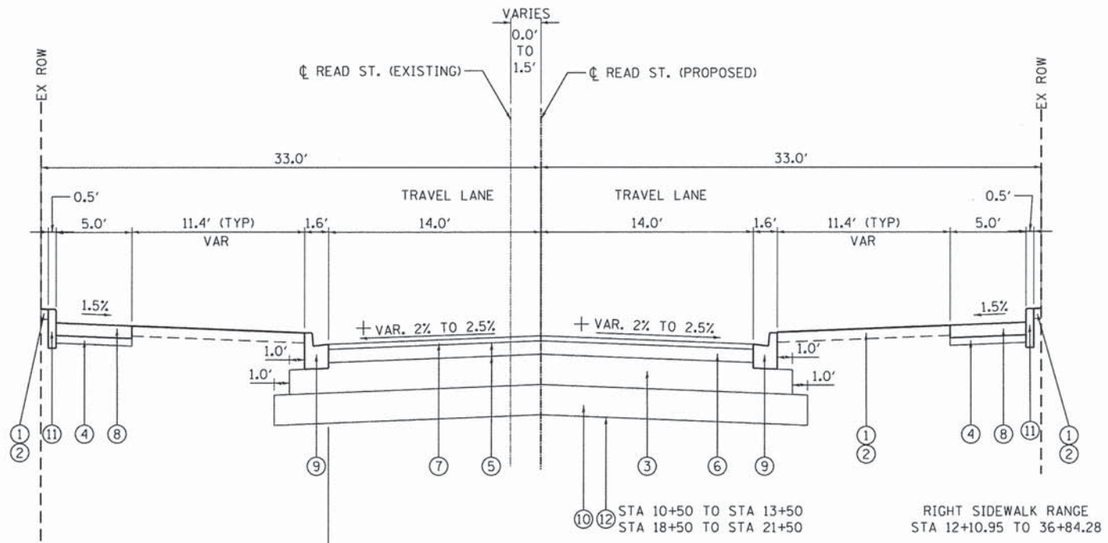
*STATION RANGES (READ STREET)
LEFT - STA. 11+79.25 TO STA. 22+47.16
RIGHT - STA. 11+92.53 TO STA. 36+84.28



PROPOSED TYPICAL SECTION

READ STREET
STA. 22+10.00 TO STA. 35+10.00

SB CROSS SLOPE VARIES BETWEEN 2% TO 2.5%
IN THE FOLLOWING STATION RANGES:
STA. 25+41.70 TO STA. 25+64.90
STA. 28+12.57 TO STA. 28+32.57
NB CROSS SLOPE VARIES BETWEEN -2% TO -1.5%
IN THE FOLLOWING STATION RANGES:
STA. 25+41.70 TO STA. 25+64.90
STA. 28+12.57 TO STA. 28+32.57
STA. 33+58.56 TO STA. 33+85.00
SEE ROADWAY P&P SHEETS FOR FURTHER DETAILS.



STA 10+50 TO STA 13+50
STA 18+50 TO STA 21+50

RIGHT SIDEWALK RANGE
STA 12+10.95 TO 36+84.28

LEFT SIDEWALK
STA 10+32.54 TO STA 12+25.53

PROPOSED TYPICAL SECTION

READ STREET
STA. 10+10.21 TO STA. 22+10.00
STA. 35+10.00 TO STA. 36+84.28
PUTNAM DRIVE
STA. 100+35.00 TO STA. 101+89.98

+ CROSS SLOPE VARIES BETWEEN 2% TO 2.5% ON PUTNAM DR
STA. 100+57.02 TO STA. 100+77.02
SEE ROADWAY P&P SHEETS FOR FURTHER DETAILS.

EXISTING LEGEND

- (A) 5-6" HMA PAVEMENT
- (B) 6.5-8" AGGREGATE SUBGRADE IMPROVEMENT
- (C) CONCRETE CURB AND GUTTER
- (D) PORTLAND CEMENT CONCRETE SIDEWALK
- (E) GROUND
- REMOVAL ITEM

PROPOSED LEGEND

- (1) TOP SOIL FURNISH AND PLACE, 4"
- (2) SODDING, SALT TOLERANT
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) SUB-BASE GRANULAR MATERIAL, TYPE B, 2"
- (5) BITUMINOUS MATERIALS (PRIME COAT)
- (6) 5¼" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- (7) 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
- (8) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SPECIAL
- (9) COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12
- (10) AGGREGATE SUB-GRADE IMPROVEMENT
- (11) PORTLAND CEMENT CONCRETE SIDEWALK CURB
- (12) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

FILE NAME = s:\pl\3700-3799\3784\038\micros\CADD_Sheets\D812345-sht-typical.dgn

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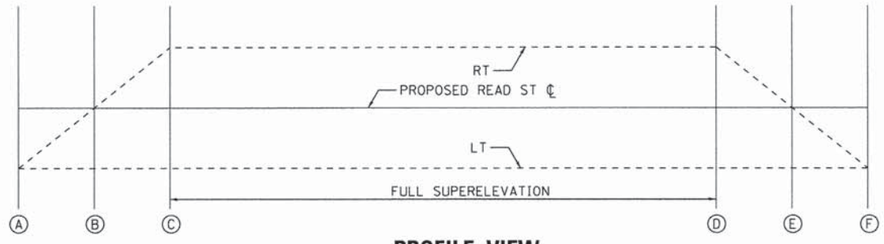
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	12
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

SUPERELEVATION DETAILS



PROFILE VIEW

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

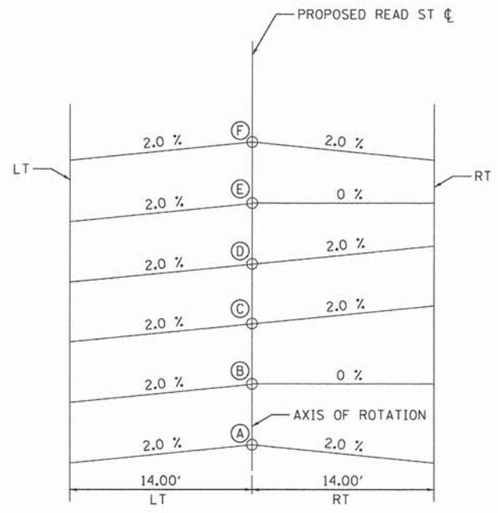
MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 7 1/4"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 5 1/4"	4% @ 50 GYR
PATCHING	
CLASS D, PATCHES (HMA BINDER, IL 19mm); 10"	4% @ 70 GYR

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE HOT-MIX ASPHALT MIXTURES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT 1 SPECIAL PROVISIONS. FOR HMA FULL DEPTH "AC TYPE" SEE SPECIAL PROVISIONS.
3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

PROPOSED SUPERELEVATION TABLE

	STA	WEST SIDE S.E.	EAST SIDE S.E.
A	22+10.00	2.00 %	-2.00 %
B	22+44.72	2.00 %	0.00 %
C	22+79.44	2.00 %	2.00 %
D	34+40.56	2.00 %	2.00 %
E	34+75.28	2.00 %	0.00 %
F	35+10.00	2.00 %	-2.00 %



CROSS SECTION

UNDERCUT NOTES:

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

ESTIMATED UNDERCUT

READ STREET	DEPTH (IN)
STA. 10+50.00 TO STA. 13+50.00	12"
STA. 18+50.00 TO STA. 21+50.00	12"

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NTS | SHEET 2 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	13
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

EARTHWORK SCHEDULE

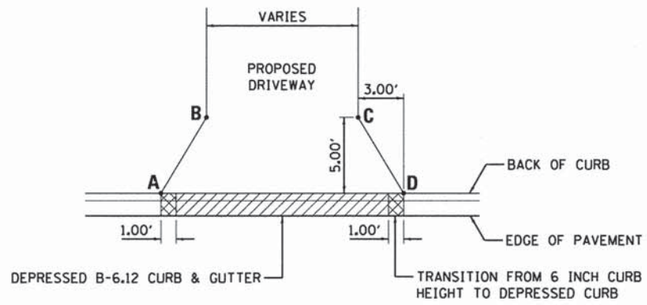
READ STREET
EARTHWORK SCHEDULE

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	CU YD
READ STREET						
10+10	10+50	0.00	0.00	3.05	-3.05	302.10
10+50	11+00	0.00	0.00	4.43	-4.43	121.79
11+00	11+64	0.00	0.00	0.76	-0.76	215.83
11+64	12+00	0.00	0.00	0.00	0.00	137.58
12+00	12+13	0.00	0.00	0.00	0.00	53.98
12+13	12+50	0.00	0.00	0.12	-0.12	142.78
12+50	13+00	0.00	0.00	0.47	-0.47	155.43
13+00	13+50	0.00	0.00	0.42	-0.42	149.25
13+50	13+88	171.39	145.68	0.08	145.59	0.00
13+88	14+50	246.15	209.23	0.12	209.11	0.00
14+50	15+06	114.76	97.55	0.10	97.44	0.00
15+06	15+29	49.98	42.48	0.02	42.46	0.00
15+29	15+50	45.61	38.77	0.11	38.66	0.00
15+50	15+64	31.61	26.87	0.11	26.76	0.00
15+64	15+88	57.09	48.53	0.10	48.43	0.00
15+88	16+20	77.02	65.46	0.02	65.44	0.00
16+20	16+50	68.76	58.45	0.08	58.37	0.00
16+50	17+00	114.81	97.58	0.13	97.46	0.00
17+00	17+19	45.78	38.92	0.07	38.84	0.00
17+19	17+50	72.10	61.28	0.12	61.16	0.00
17+50	17+78	67.81	57.64	1.59	56.05	0.00
17+78	18+09	87.97	74.77	1.80	72.98	0.00
18+09	18+50	120.36	102.30	1.20	101.10	0.00
18+50	18+90	0.00	0.00	1.16	-1.16	113.30
18+90	19+04	0.00	0.00	0.40	-0.40	38.13
19+04	19+35	0.00	0.00	3.33	-3.33	77.25
19+35	19+50	0.00	0.00	2.06	-2.06	33.68
19+50	19+63	0.00	0.00	1.00	-1.00	29.97
19+63	19+80	0.00	0.00	1.08	-1.08	44.84
19+80	20+00	0.00	0.00	1.51	-1.51	48.53
20+00	20+34	0.00	0.00	1.27	-1.27	92.37
20+34	20+50	0.00	0.00	0.04	-0.04	48.45
20+50	20+94	0.00	0.00	0.09	-0.09	216.51
20+94	21+05	0.00	0.00	0.00	0.00	78.94
21+05	21+50	0.00	0.00	0.35	-0.35	218.38
21+50	21+73	50.19	42.66	0.37	42.29	0.00
21+73	22+10	57.18	48.60	0.92	47.68	0.00
22+10	22+50	59.59	50.65	2.09	48.56	0.00
22+50	22+76	39.76	33.79	1.96	31.83	0.00
22+76	22+85	16.08	13.67	0.39	13.28	0.00
22+85	23+00	27.39	23.28	0.38	22.89	0.00
23+00	23+50	76.73	65.22	2.71	62.51	0.00
23+50	24+06	213.33	181.33	1.75	179.57	0.00
24+06	24+50	171.29	145.60	1.03	144.57	0.00
24+50	25+00	92.10	78.29	1.31	76.97	0.00
25+00	25+15	33.75	28.69	0.05	28.64	0.00
25+15	25+37	57.13	48.56	0.00	48.56	0.00
25+37	25+84	108.15	91.93	0.00	91.93	0.00
25+84	26+00	28.41	24.15	0.90	23.25	0.00
26+00	26+19	31.06	26.41	2.44	23.97	0.00
26+19	26+50	46.26	39.32	4.18	35.14	0.00
26+50	27+00	69.11	58.74	5.79	52.96	0.00
27+00	27+37	121.28	103.09	1.73	101.35	0.00
27+37	28+00	221.81	188.53	1.09	187.44	0.00

EARTHWORK SCHEDULE (CONTINUED)

READ STREET
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	CU YD
28+00	28+40	83.29	70.80	0.70	70.10	0.00
28+40	28+50	23.19	19.71	0.00	19.71	0.00
28+50	29+09	140.52	119.44	0.00	119.44	0.00
29+09	29+40	70.89	60.25	0.16	60.09	0.00
29+40	29+50	21.15	17.98	0.08	17.90	0.00
29+50	30+00	93.47	79.45	1.33	78.12	0.00
30+00	30+53	212.40	180.54	1.25	179.29	0.00
30+53	31+00	194.94	165.70	0.15	165.55	0.00
31+00	31+60	114.51	97.33	0.19	97.14	0.00
31+60	31+76	28.01	23.81	0.83	22.97	0.00
31+76	32+00	43.32	36.82	1.56	35.26	0.00
32+00	32+50	76.14	64.72	3.94	60.78	0.00
32+50	32+64	19.31	16.42	1.41	15.01	0.00
32+64	32+85	28.04	23.83	1.03	22.80	0.00
32+85	33+00	18.82	15.99	1.22	14.77	0.00
33+00	33+54	113.36	96.35	3.70	92.65	0.00
33+54	33+70	52.70	44.80	1.72	43.08	0.00
33+70	34+00	64.96	55.22	7.91	47.31	0.00
34+00	34+50	25.48	21.66	20.24	1.42	0.00
34+50	34+95	26.08	22.17	11.63	10.54	0.00
34+95	35+25	26.12	22.20	1.29	20.92	0.00
35+25	35+50	25.25	21.46	2.32	19.13	0.00
35+50	35+72	29.40	24.99	1.42	23.57	0.00
35+72	36+00	41.97	35.67	0.67	35.00	0.00
36+00	36+50	79.25	67.36	1.37	65.99	0.00
36+50	36+84	127.69	108.54	0.19	108.35	0.00
READ STREET SUBTOTALS		4672	3971	123	3849	2319
PUTNAM DRIVE						
100+35	100+52	30.73	26.12	0.01	26.11	0.00
100+52	100+85	69.85	59.37	0.06	59.31	0.00
100+85	101+00	32.11	27.29	0.03	27.26	0.00
101+00	101+40	87.86	74.68	0.82	73.87	0.00
PUTNAM DRIVE SUBTOTALS		221	187	1	187	0
TOTALS		4893	4159	124	4035	2319



PROPOSED DRIVEWAY DETAIL

DRIVEWAY SCHEDULE

READ STREET
PROPOSED DRIVEWAY SCHEDULE

ADDRESS (READ STREET)	LT/RT	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	STATION			
			A	B	C	D
READ STREET						
1026 E DIVISION ST.	LT	62.59				
1026 E DIVISION ST.	LT	39.38	11+46.70	11+49.70	11+79.27	11+82.27
1007	LT	38.83	15+11.01	15+14.34	15+41.16	15+43.69
1005	LT	37.53	15+72.13	15+75.06	16+00.94	16+03.87
913	LT	30.29	18+90.34	18+93.34	19+13.97	19+16.97
909	LT	31.22	19+66.84	19+69.84	19+91.14	19+94.14
1022 MAITLAND DR.	LT	39.73	21+93.11	21+96.23	22+23.67	22+26.54
901	LT	40.98	22+58.39	22+61.39	22+89.73	22+92.73
1044 MILNE DR.	LT	34.52	25+22.22	25+25.22	25+48.90	25+51.90
829	LT	29.09	26+06.60	26+09.60	26+29.37	26+32.37
827	LT	18.98	28+40.42	28+43.42	28+55.90	28+58.90
819	LT	23.81	29+28.73	29+31.73	29+47.69	29+50.69
813	LT	27.72	31+63.14	31+66.14	31+84.92	31+87.92
709	LT	25.28	34+83.54	34+86.54	35+03.56	35+06.56
705	LT	28.44	35+54.77	35+57.77	35+77.07	35+80.07
1104 E DIVISION ST.	RT	26.12				
1104 E DIVISION ST.	RT	60.50	11+48.50	11+51.50	11+81.74	11+84.74
1008	RT	27.70	14+92.23	14+95.73	15+14.49	15+17.03
1006	RT	32.68	15+50.04	15+53.08	15+75.42	15+78.45
1004	RT	25.28	16+06.47	16+10.14	16+27.15	16+29.52
1002	RT	27.65	17+06.60	17+09.60	17+28.33	17+31.33
914	RT	28.06	17+67.65	17+70.23	17+89.23	17+92.78
912	RT	29.20	18+76.70	18+79.70	18+99.55	19+02.55
910	RT	30.49	19+49.26	19+52.26	19+73.04	19+76.04
908	RT	30.25	20+20.55	20+23.55	20+44.15	20+47.15
906	RT	28.47	20+92.64	20+95.64	21+14.96	21+17.96
904	RT	23.63	21+62.30	21+65.30	21+81.13	21+84.13
902	RT	23.17	22+73.76	22+76.76	22+92.26	22+95.26
840	RT	28.10	25+02.02	25+04.97	25+24.03	25+27.03
836	RT	19.01	25+74.77	25+77.77	25+90.27	25+93.27
824	RT	16.61	28+31.98	28+34.98	28+45.75	28+48.75
820	RT	20.26	28+98.98	29+01.98	29+15.38	29+18.38
810	RT	25.48	31+40.43	31+52.43	31+67.78	31+70.78
802	RT	20.36	32+53.14	32+56.91	32+70.23	32+73.23
800	RT	16.58	32+76.88	32+79.88	32+90.63	32+93.63
716	RT	18.22	33+44.73	33+47.73	33+59.66	33+62.66
710	RT	25.97	34+78.25	34+81.25	34+98.77	35+01.74
706	RT	24.14	35+60.90	35+63.90	35+80.10	35+83.09
PUTNAM DRIVE						
1020 PUTNAM DR.	LT	23.13	100+41.67	100+44.67	100+60.14	100+63.14
1021 PUTNAM DR.	RT	28.19	100+72.45	100+75.45	100+94.57	100+97.57
1001 READ ST.	RT	32.47	101+33.60	101+35.36	101+49.51	101+53.18
TOTAL		1200				

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

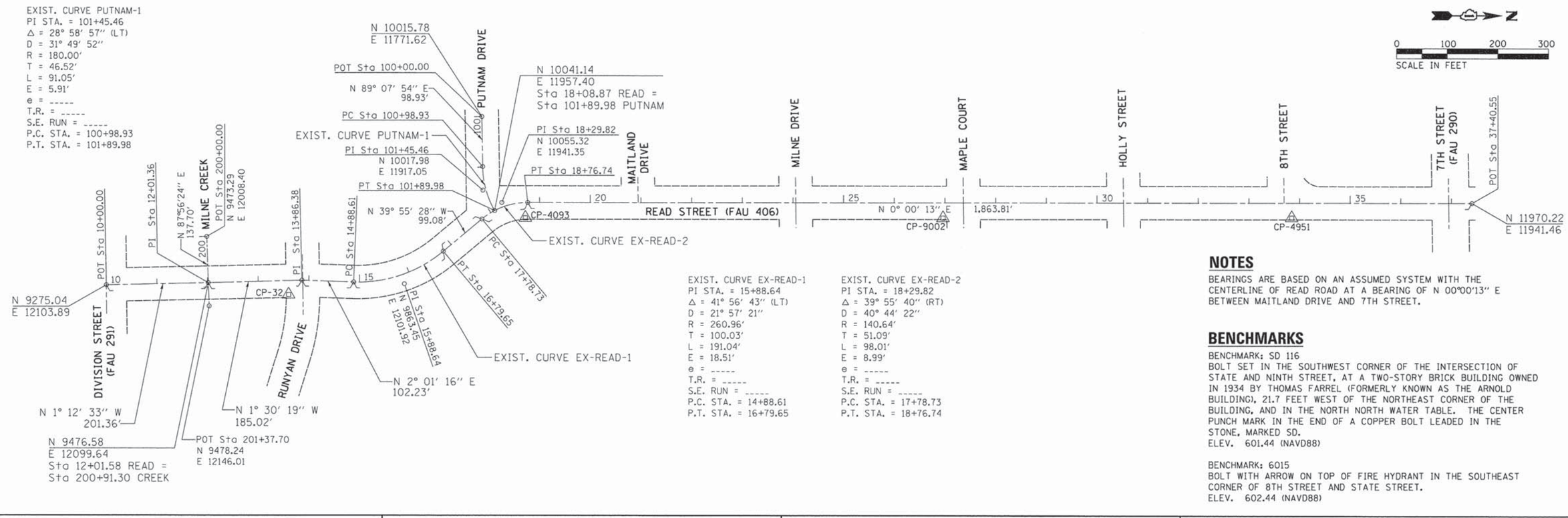
USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	14
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		



EXIST. CURVE EX-READ-1
PI STA. = 15+88.64
Δ = 41° 56' 43" (LT)
D = 21° 57' 21"
R = 260.96'
T = 100.03'
L = 191.04'
E = 18.51'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 14+88.61
P.T. STA. = 16+79.65

EXIST. CURVE EX-READ-2
PI STA. = 18+29.82
Δ = 39° 55' 40" (RT)
D = 40° 44' 22"
R = 140.64'
T = 51.09'
L = 98.01'
E = 8.99'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 17+78.73
P.T. STA. = 18+76.74

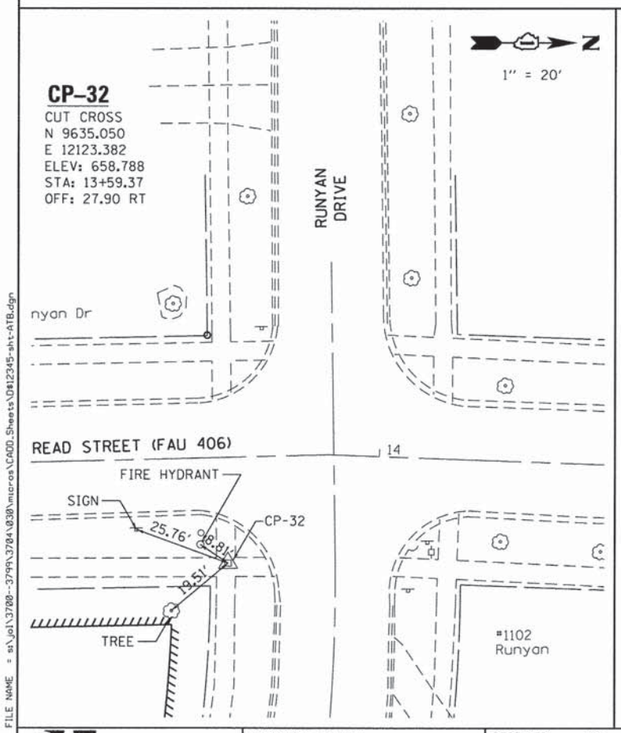
NOTES

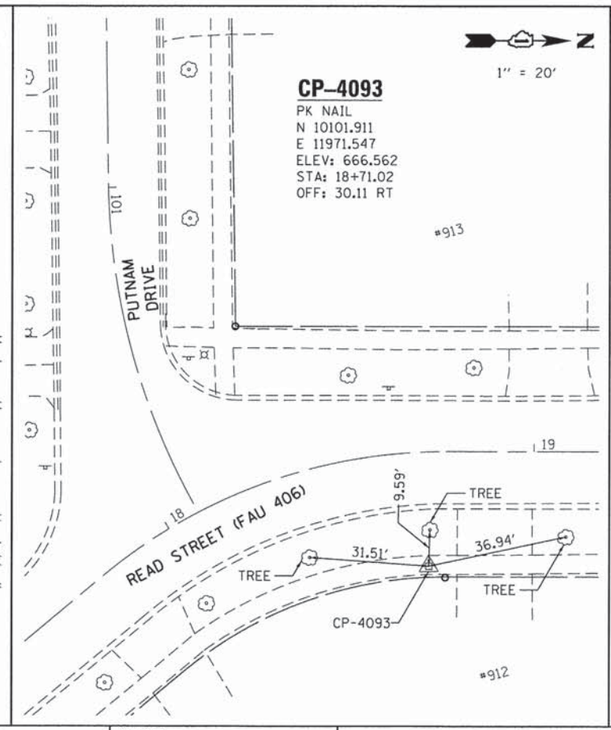
BEARINGS ARE BASED ON AN ASSUMED SYSTEM WITH THE CENTERLINE OF READ ROAD AT A BEARING OF N 00°00'13" E BETWEEN MAITLAND DRIVE AND 7TH STREET.

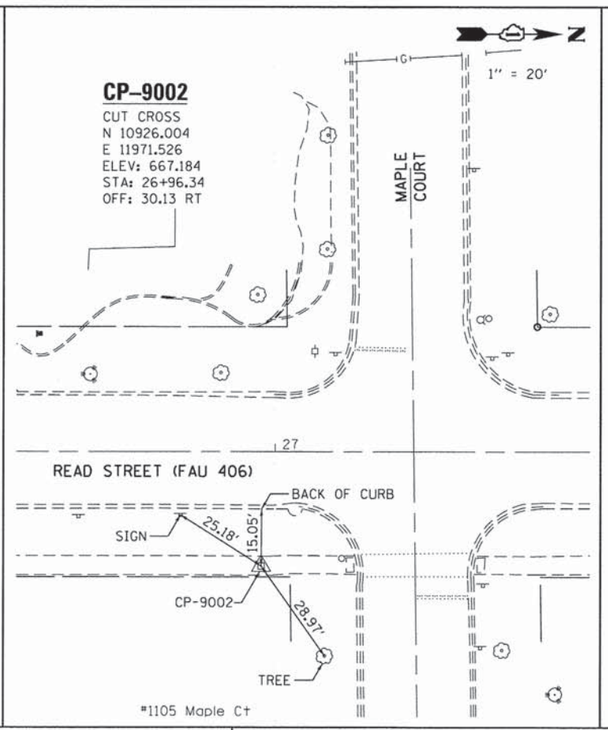
BENCHMARKS

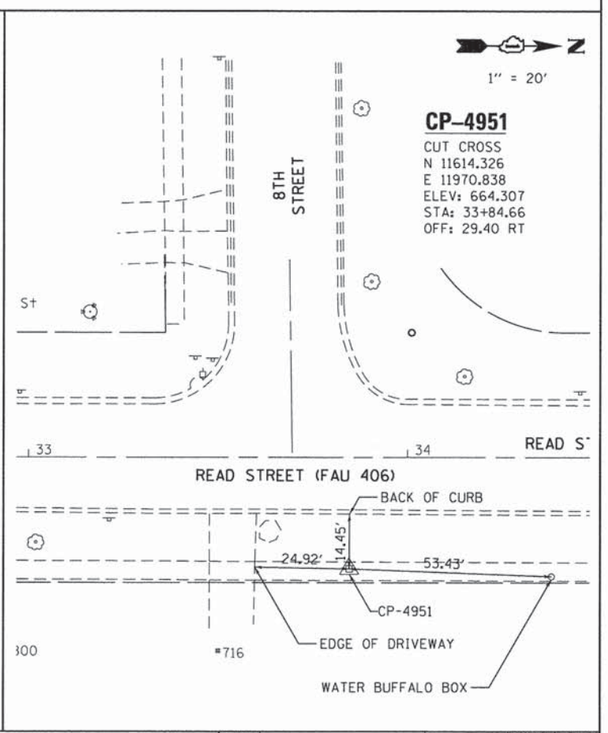
BENCHMARK: SD 116
BOLT SET IN THE SOUTHWEST CORNER OF THE INTERSECTION OF STATE AND NINTH STREET, AT A TWO-STORY BRICK BUILDING OWNED IN 1934 BY THOMAS FARREL (FORMERLY KNOWN AS THE ARNOLD BUILDING), 21.7 FEET WEST OF THE NORTHEAST CORNER OF THE BUILDING, AND IN THE NORTH NORTH WATER TABLE. THE CENTER PUNCH MARK IN THE END OF A COPPER BOLT LEADED IN THE STONE, MARKED SD.
ELEV. 601.44 (NAVD88)

BENCHMARK: 6015
BOLT WITH ARROW ON TOP OF FIRE HYDRANT IN THE SOUTHEAST CORNER OF 8TH STREET AND STATE STREET.
ELEV. 602.44 (NAVD88)









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

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: AS NOTED | SHEET 1 OF 1 SHEETS | STA. | TO STA.

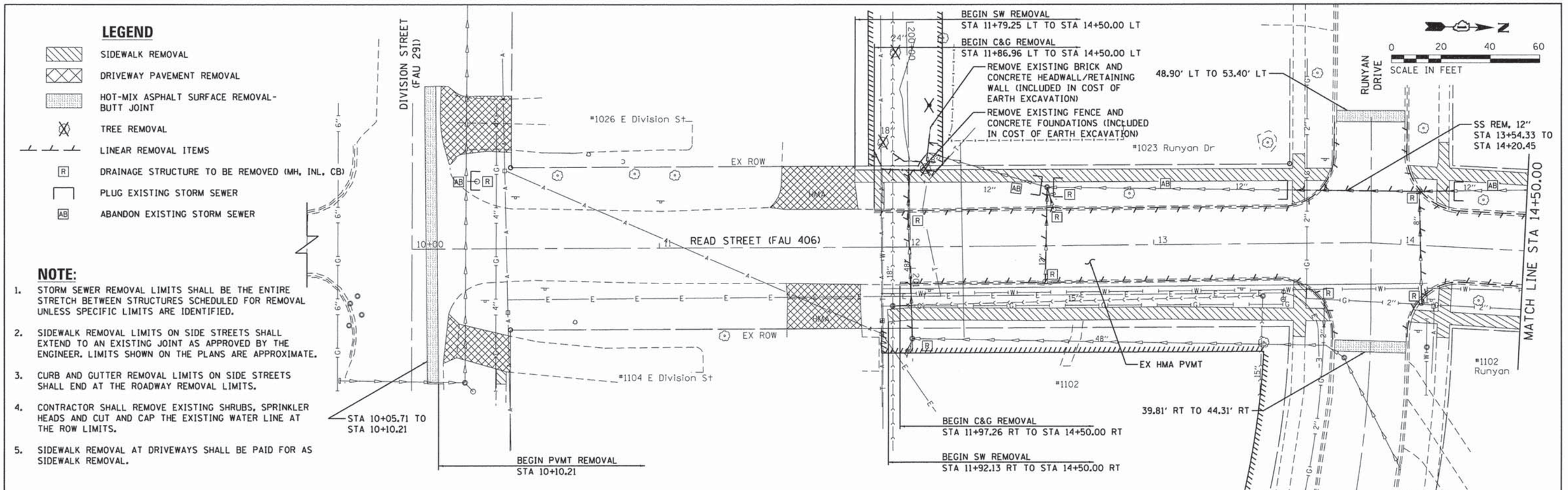
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	15
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

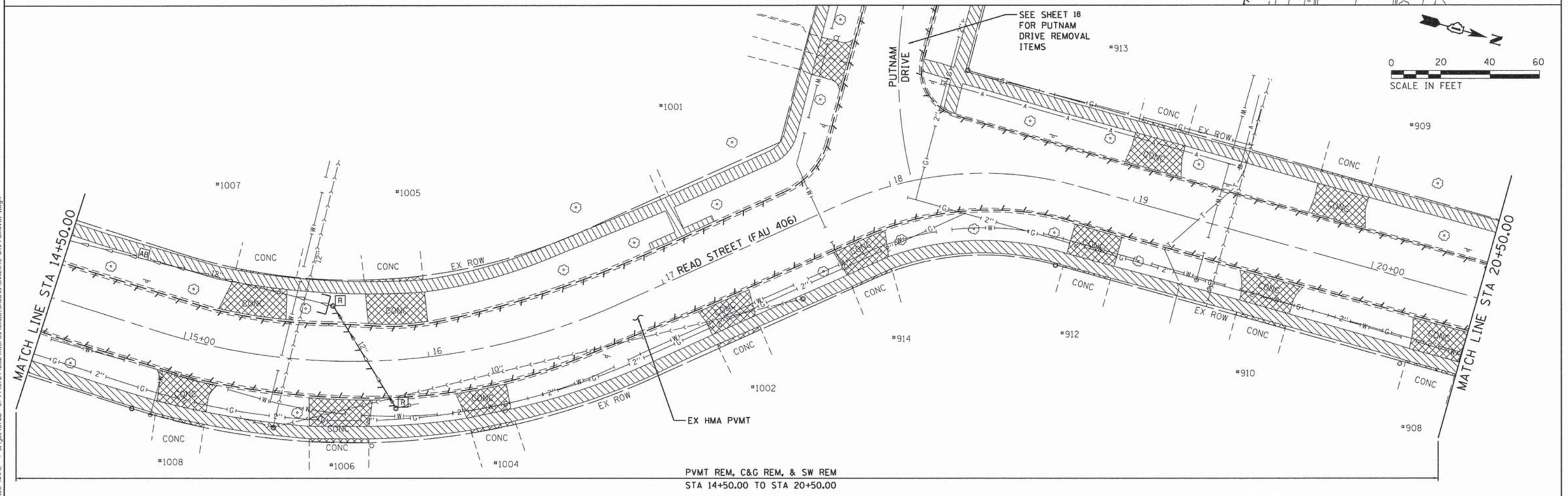
LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
- TREE REMOVAL
- LINEAR REMOVAL ITEMS
- [R] DRAINAGE STRUCTURE TO BE REMOVED (MH, INL, CB)
- PLUG EXISTING STORM SEWER
- [AB] ABANDON EXISTING STORM SEWER

NOTE:

1. STORM SEWER REMOVAL LIMITS SHALL BE THE ENTIRE STRETCH BETWEEN STRUCTURES SCHEDULED FOR REMOVAL UNLESS SPECIFIC LIMITS ARE IDENTIFIED.
2. SIDEWALK REMOVAL LIMITS ON SIDE STREETS SHALL EXTEND TO AN EXISTING JOINT AS APPROVED BY THE ENGINEER. LIMITS SHOWN ON THE PLANS ARE APPROXIMATE.
3. CURB AND GUTTER REMOVAL LIMITS ON SIDE STREETS SHALL END AT THE ROADWAY REMOVAL LIMITS.
4. CONTRACTOR SHALL REMOVE EXISTING SHRUBS, SPRINKLER HEADS AND CUT AND CAP THE EXISTING WATER LINE AT THE ROW LIMITS.
5. SIDEWALK REMOVAL AT DRIVEWAYS SHALL BE PAID FOR AS SIDEWALK REMOVAL.





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

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
READ STREET

SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. 10+00.00 TO STA. 20+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	16
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
- TREE REMOVAL
- LINEAR REMOVAL ITEMS
- R — DRAINAGE STRUCTURE TO BE REMOVED (MH, INL, CB)
- PLUG EXISTING STORM SEWER
- AB — ABANDON EXISTING STORM SEWER

NOTE:

1. STORM SEWER REMOVAL LIMITS SHALL BE THE ENTIRE STRETCH BETWEEN STRUCTURES SCHEDULED FOR REMOVAL UNLESS SPECIFIC LIMITS ARE IDENTIFIED.
2. SIDEWALK REMOVAL LIMITS ON SIDE STREETS SHALL EXTEND TO AN EXISTING JOINT AS APPROVED BY THE ENGINEER. LIMITS SHOWN ON THE PLANS ARE APPROXIMATE.
3. CURB AND GUTTER REMOVAL LIMITS ON SIDE STREETS SHALL END AT THE ROADWAY REMOVAL LIMITS.
4. CONTRACTOR SHALL REMOVE EXISTING SHRUBS, SPRINKLER HEADS AND CUT AND CAP THE EXISTING WATER LINE AT THE ROW LIMITS INCLUDED IN THE COST OF DRIVEWAY PAVEMENT REMOVAL.
5. SIDEWALK REMOVAL AT DRIVEWAYS SHALL BE PAID FOR AS SIDEWALK REMOVAL.

MAITLAND DRIVE

43.15' LT TO 47.65' LT

#1022 MAITLAND

#901

MILNE DRIVE

#1044 MILNE

44.00' LT TO 48.50' LT

#829

MATCH LINE STA 20+50.00

MATCH LINE STA 26+50.00

CONC

EX ROW

READ STREET (FAU 406)

25+00

EX HMA PVMT

#906

#904

#902

#900

SS REM
STA 23+60.81 TO
STA 23+87.65

#1104 Milne Dr

#840

CONTRACTOR SHALL REOMVE EXISTING LANDSCAPING BRICKS AND STONES WITHIN ROW AND RETURN TO RESIDENT (INCLUDED IN COST OF TREE REMOVAL)

54.26' RT TO 58.76' RT

#836

PVMT REM, C&G REM, & SW REM
STA 20+50.00 TO STA 26+50.00

0 20 40 60
SCALE IN FEET

MAPLE COURT

54.00' LT TO 58.50' LT

#819

#827

HOLLY STREET

42.94' LT TO 47.44' LT

SEE NOTE 4

#813

READ STREET (FAU 406)

30+00

HMA

EX ROW

#1106 Maple Ct

#824

#820

EX HMA PVMT

#1105 Holly St

#814

#810

#1105 Maple Ct

53.00' RT TO 57.50' RT

44.00' RT TO 48.50' RT

PVMT REM, C&G REM, & SW REM
STA 26+50.00 TO STA 32+50.00

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

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLANS
READ STREET

SCALE: 1" = 20' | SHEET 2 OF 3 SHEETS | STA. 20+50.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	17
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

MATCH LINE STA 32+50.00

8TH STREET

53.70' LT TO
58.20' LT

SS REM
STA 33+44.55 TO
STA 33+74.88

#1057 E 8th St

#709

#705

EX ROW

HMA

HMA

READ STREET (FAU 406)

35+00

7TH STREET
(FAU 290)

STA 36+84.28 TO
STA 36+95.91

0 20 40 60
SCALE IN FEET

HMA

HMA

CONC

EX ROW

CONC

#802

#800

#716

#710

#706

#702

SS REM
STA 33+60.81 TO
STA 33+87.65

EX HMA PVMT

END SW REMOVAL
STA 36+79.03

END C&G REMOVAL
STA 36+81.28

END PVMT REMOVAL
STA 36+84.28

#1020

100+00
PUTNAM DRIVE

#1019

#1021

STA 100+30.50 TO
STA 100+35.00

EX HMA PVMT

BEGIN PVMT REM, C&G REM, & SW REM
STA 100+35.00

READ STREET (FAU 406)

EX ROW

NOTE:

1. STORM SEWER REMOVAL LIMITS SHALL BE THE ENTIRE STRETCH BETWEEN STRUCTURES SCHEDULED FOR REMOVAL UNLESS SPECIFIC LIMITS ARE IDENTIFIED.
2. SIDEWALK REMOVAL LIMITS ON SIDE STREETS SHALL EXTEND TO AN EXISTING JOINT AS APPROVED BY THE ENGINEER. LIMITS SHOWN ON THE PLANS ARE APPROXIMATE.
3. CURB AND GUTTER REMOVAL LIMITS ON SIDE STREETS SHALL END AT THE ROADWAY REMOVAL LIMITS.
4. CONTRACTOR SHALL REMOVE EXISTING SHRUBS, SPRINKLER HEADS AND CUT AND CAP THE EXISTING WATER LINE AT THE ROW LIMITS.
5. SIDEWALK REMOVAL AT DRIVEWAYS SHALL BE PAID FOR AS SIDEWALK REMOVAL.

N

0 20 40 60
SCALE IN FEET

LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
- TREE REMOVAL
- LINEAR REMOVAL ITEMS
- [R] DRAINAGE STRUCTURE TO BE REMOVED (MH, INL, CB)
- PLUG EXISTING STORM SEWER
- [AB] ABANDON EXISTING STORM SEWER

FILE NAME = s:\pw\3780-3799\3784\830\micros\CADD_Sheets\D812345-sht-removal-3.dgn

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

USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

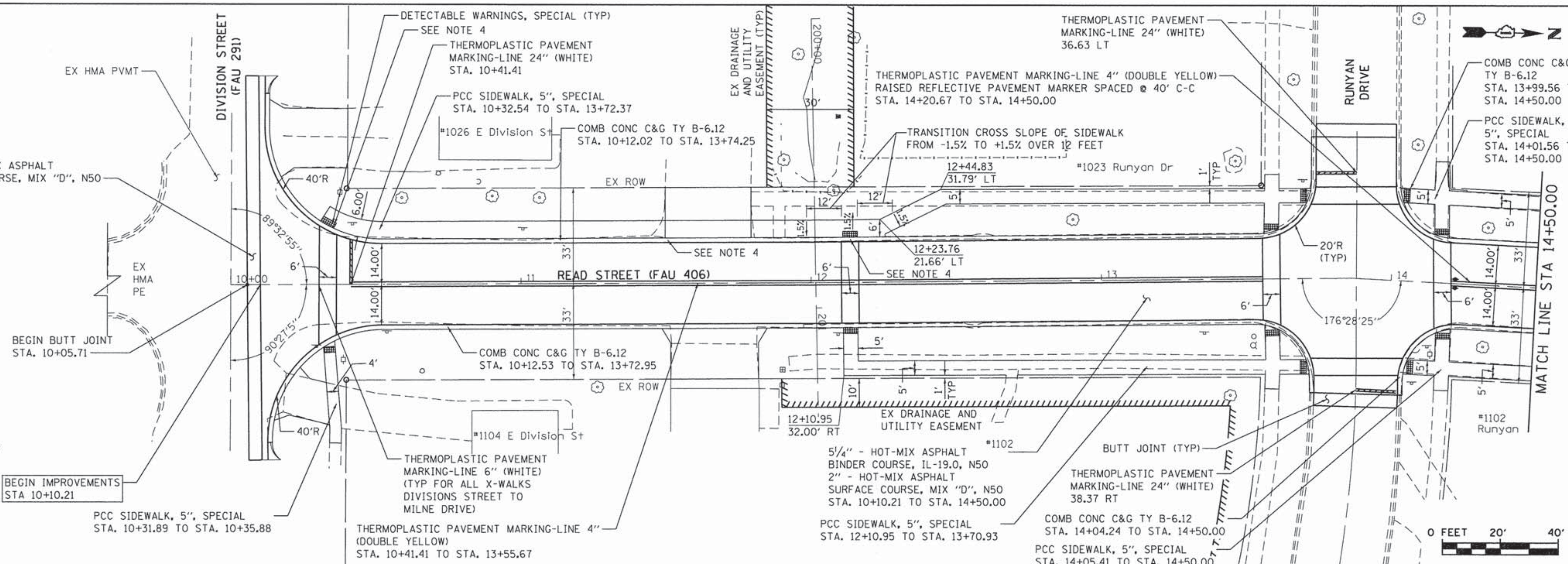
REMOVAL PLANS
READ STREET & PUTNAM DRIVE

SCALE: 1" = 20' | SHEET 3 OF 3 SHEETS | STA. 32+50.00 TO STA. END

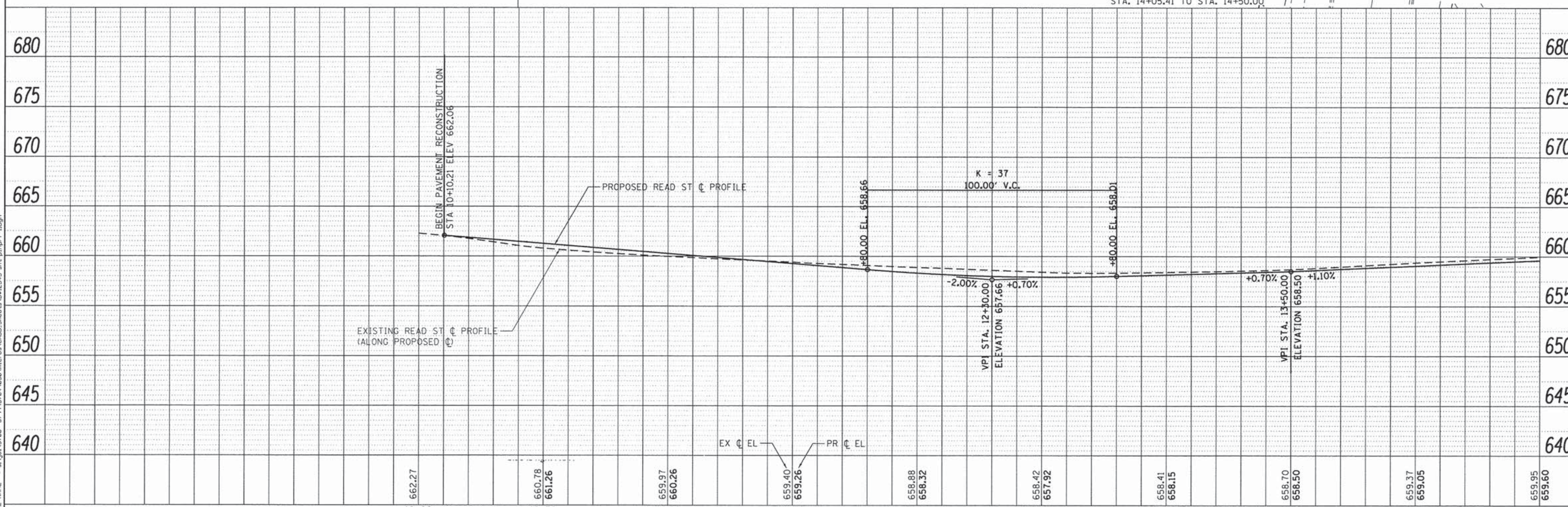
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	18
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. SIDEWALKS SHALL BE 6" DEPTH BENEATH PROPOSED DRIVEWAYS.
2. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.
3. ALL DRIVEWAY REPLACEMENT SHALL BE PCC DRIVEWAY PAVEMENT, 6 INCH.
4. WEST CURB HEIGHT SHALL TRANSITION FROM STA 10+36.41 TO STA 10+44.41, STA 11+43.70 TO STA 11+49.70, STA 11+79.27 TO STA 11+85.27, STA 12+03.45 TO STA 12+11.45, AND STA 12+15.45 TO STA 12+23.45. NO SIDEWALK SHALL EXCEED A 1(V):12(H) LONGITUDINAL SLOPE.



DIVISION STREET (FAU 291)
EX HMA PVMT
DETECTABLE WARNINGS, SPECIAL (TYP)
SEE NOTE 4
THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE) STA. 10+41.41
PCC SIDEWALK, 5", SPECIAL STA. 10+32.54 TO STA. 13+72.37
#1026 E Division St
COMB CONC C&G TY B-6.12 STA. 10+12.02 TO STA. 13+74.25
EX DRAINAGE AND UTILITY EASEMENT (TYP)
2" - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
EX ROW
40'R
89°32'55"
EX HMA PE
10+00
READ STREET (FAU 406)
SEE NOTE 4
BEGIN BUTT JOINT STA. 10+05.71
90°27'5"
COMB CONC C&G TY B-6.12 STA. 10+12.53 TO STA. 13+72.95
#1104 E Division St
BEGIN IMPROVEMENTS STA 10+10.21
THERMOPLASTIC PAVEMENT MARKING-LINE 6" (WHITE) (TYP FOR ALL X-WALKS DIVISIONS STREET TO MILNE DRIVE)
PCC SIDEWALK, 5", SPECIAL STA. 10+31.89 TO STA. 10+35.88
THERMOPLASTIC PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW) STA. 10+41.41 TO STA. 13+55.67
THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE) 36.63 LT
THERMOPLASTIC PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW) RAISED REFLECTIVE PAVEMENT MARKER SPACED @ 40' C-C STA. 14+20.67 TO STA. 14+50.00
TRANSITION CROSS SLOPE OF SIDEWALK FROM -1.5% TO +1.5% OVER 12 FEET
12+44.83 31.79' LT
#1023 Runyan Dr
12+23.76 21.66' LT
SEE NOTE 4
RUNYAN DRIVE
20'R (TYP)
176°28'25"
12+10.95 32.00' RT
EX DRAINAGE AND UTILITY EASEMENT
#1102
5 1/4" - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
2" - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 STA. 10+10.21 TO STA. 14+50.00
PCC SIDEWALK, 5", SPECIAL STA. 12+10.95 TO STA. 13+70.93
BUTT JOINT (TYP)
THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE) 38.37 RT
COMB CONC C&G TY B-6.12 STA. 14+04.24 TO STA. 14+50.00
PCC SIDEWALK, 5", SPECIAL STA. 14+05.41 TO STA. 14+50.00
COMB CONC C&G TY B-6.12 STA. 13+99.56 TO STA. 14+50.00
PCC SIDEWALK, 5", SPECIAL STA. 14+01.56 TO STA. 14+50.00
#1102 Runyan
MATCH LINE STA 14+50.00
0 FEET 20' 40'
N



680
675
670
665
660
655
650
645
640
BEGIN PAVEMENT RECONSTRUCTION STA 10+10.21 ELEV 662.06
PROPOSED READ ST ℄ PROFILE
K = 37
100.00' V.C.
+80.00 EL. 658.66
+80.00 EL. 658.01
-2.00%
+0.70%
+0.70%
+1.10%
VPI STA. 12+30.00 ELEVATION 657.66
VPI STA. 13+50.00 ELEVATION 658.50
EXISTING READ ST ℄ PROFILE (ALONG PROPOSED ℄)
EX ℄ EL
PR ℄ EL
662.27
660.78 661.26
659.97 660.26
659.40 659.26
658.88 658.32
658.42 657.92
658.41 658.15
658.70 658.50
659.37 659.05
659.95 659.60
10+00
10+50
11+00
11+50
12+00
12+50
13+00
13+50
14+00
14+50

STRAND ASSOCIATES, 1170 SOUTH HOUBOLT ROAD, JOLIET, ILLINOIS 60431, (815) 744-4200	USER NAME = dennisw	DESIGNED - MG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	MODEL NAME = Default	DRAWN - DW	REVISED -	
	PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -	
	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

READ STREET – PLAN AND PROFILE

SCALE: 20-H 5-V | SHEET 1 OF 6 SHEETS | STA. 10+00.00 TO STA. 14+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	19

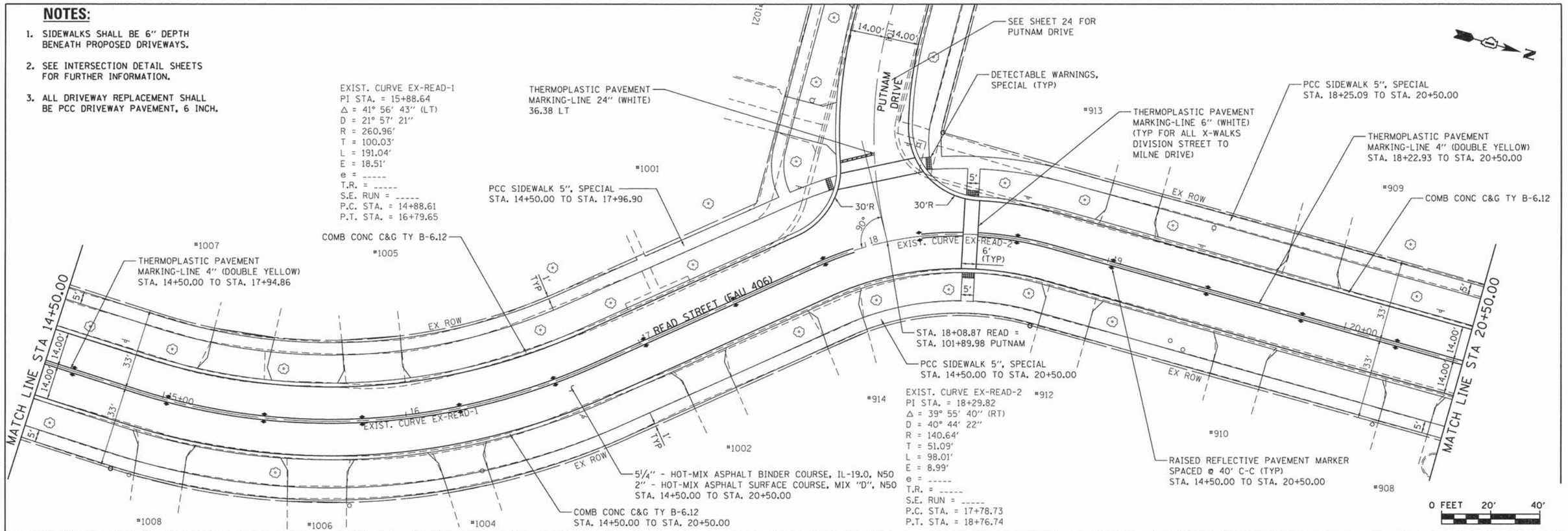
CONTRACT NO. 61B61

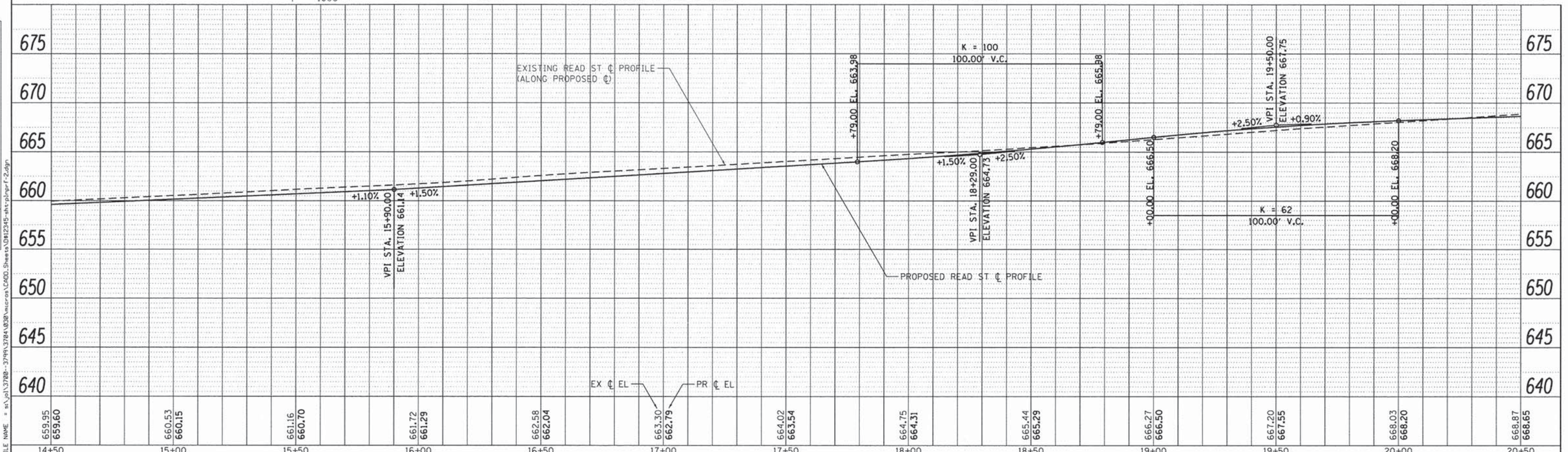
ILLINOIS FED. AID PROJECT

FILE NAME = s:\jol\3700--3799\3704\030\micros\CADD_Sheets\D012345-sht-plnpr f-1.dgn

NOTES:

1. SIDEWALKS SHALL BE 6" DEPTH BENEATH PROPOSED DRIVEWAYS.
2. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.
3. ALL DRIVEWAY REPLACEMENT SHALL BE PCC DRIVEWAY PAVEMENT, 6 INCH.





STRAND ASSOCIATES® 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MG	REVISED -
	MODEL NAME = Default	DRAWN - DW	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

READ STREET – PLAN AND PROFILE

SCALE: 20-H 5-V | SHEET 2 OF 6 SHEETS | STA. 14+50.00 TO STA. 20+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	20
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

PLAN — SURVEYED | PLOTTED | ALIGNMENT CHECKED | GRADES CHECKED | S.M. NOTES | STRUCTURE NOTATNS CHKD | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE — SURVEYED | PLOTTED | GRADES CHECKED | S.M. NOTES | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

FILE NAME = s:\pl\3708--3799\3784\838\micros\CADD\Sheets\D812345-sht-plprf-2.dgn

PCC SIDEWALK 5", SPECIAL
STA. 20+50.00 TO STA. 20+78.96

COMB CONC C&G TY B-6.12
STA. 20+50.00 TO STA. 20+80.51

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 LT

MAITLAND DRIVE

THERMOPLASTIC PAVEMENT MARKING-LINE
4" (DOUBLE YELLOW)
STA. 21+27.54 TO
STA. 23+67.60

*1022
MAITLAND

PCC SIDEWALK 5", SPECIAL
STA. 21+09.88 TO
STA. 23+89.83

20'R (TYP)

COMB CONC C&G TY B-6.12
STA. 21+07.39 TO
STA. 23+91.37

*901

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 LT

DETECTABLE WARNINGS, SPECIAL (TYP)

20'R (TYP)

EX ROW

MILNE DRIVE

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
STA. 24+42.02

PCC SIDEWALK
5", SPECIAL
STA. 24+20.73 TO
STA. 26+50.00

COMB CONC C&G
TY B-6.12
STA. 24+18.89 TO
STA. 26+50.00

*1044
MILNE

STA. 25+41.70
EOP EL. 666.06

LOW POINT
STA. 25+54.90
EOP EL. 666.01

STA. 25+64.90
EOP EL. 666.10

*829

N

MATCH LINE STA 20+50.00

MATCH LINE STA 26+50.00

5'
14.00'
6' (TYP)
33'
11.4' TYP
2%
2.5%
1.5%

21 | 22 | 23 READ STREET (FAU 406) | 24 | 25+00 | 26

*906

THERMOPLASTIC PAVEMENT MARKING-LINE 6" (WHITE)
(TYP FOR ALL X-WALKS
DIVISION STREET TO
MILNE DRIVE)

THERMOPLASTIC PAVEMENT MARKING-LINE 4"
(DOUBLE YELLOW)
RAISED REFLECTIVE PAVEMENT MARKER
SPACED @ 40' C-C
STA. 20+50.00 TO STA. 20+61.08

*904

5¼" - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
2" - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
STA. 20+50.00 TO STA. 26+50.00

NORTHBOUND LANE
e=2%
T.R.=34.72'
S.E. RUN=34.72'
BEGIN STA. 22+10.00 (-2%)
END STA. 22+79.44 (2%)

*902

COMB CONC C&G TY B-6.12
STA. 20+50.00 TO STA. 23+93.38

PCC SIDEWALK 5", SPECIAL
STA. 20+50.00 TO STA. 23+91.38

*900

EX ROW

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
STA. 23+67.60

BUTT JOINT (TYP)

*1104 Milne Dr

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 RT

*840

COMB CONC C&G
TY B-6.12
STA. 24+20.07 TO
STA. 26+50.00

PCC SIDEWALK
5", SPECIAL
STA. 24+21.46 TO
STA. 26+50.00

STA. 25+64.90
EOP EL. 666.66

LOW POINT
STA. 25+54.90
EOP EL. 666.57

STA. 25+41.70
EOP EL. 666.62

THERMOPLASTIC PAVEMENT MARKING-LINE
4" (DOUBLE YELLOW)
STA. 24+42.02 TO
STA. 26+50.00

*836

0 FEET 20' 40'

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
PLT. OF PAT. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BM. NOTED
STRUCTURE NO.
BY
DATE

685
680
675
670
665
660
655
650
645

EXISTING READ ST ℄ PROFILE
(ALONG PROPOSED ℄)

PROPOSED READ ST ℄ PROFILE

+20.00 EL. 669.28

+0.90%

VPI STA. 21+70.00
ELEVATION 669.73

-1.00%

+20.00 EL. 669.23

K = 53
100.00' V.C.

+75.00 EL. 666.68

K = 67
100.00' V.C.

VPI STA. 25+25.00
ELEVATION 666.18

-1.00%

+0.50%

+75.00 EL. 666.43

+84.00 EL. 666.47

VPI STA. 26+34.00
ELEVATION 666.72

+0.50%

-0.50

K = 100
100.00' V.C.

EX ℄ EL

PR ℄ EL

668.87 668.65 | 669.53 669.10 | 669.57 669.47 | 669.30 669.39 | 668.95 668.93 | 668.72 668.43 | 668.41 667.93 | 668.01 667.43 | 667.46 666.93 | 667.26 666.47 | 667.09 666.35 | 666.88 666.54 | 666.73 666.58

20+50 | 21+00 | 21+50 | 22+00 | 22+50 | 23+00 | 23+50 | 24+00 | 24+50 | 25+00 | 25+50 | 26+00 | 26+50

NOTES:

1. SIDEWALKS SHALL BE 6" DEPTH BENEATH PROPOSED DRIVEWAYS.
2. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.
3. ALL DRIVEWAY REPLACEMENT SHALL BE PCC DRIVEWAY PAVEMENT, 6 INCH.

FILE NAME = s:\jol\3780-3799\3784\830\micros\CADD_Sheets\C812345-sht-plnprf-3.dgn

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

USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

READ STREET – PLAN AND PROFILE

SCALE: 20-H 5-V | SHEET 3 OF 6 SHEETS | STA. 20+50.00 TO STA. 26+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	21
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

COMB CONC C&G TY B-6.12
STA. 26+50.00 TO STA. 27+21.64

PCC SIDEWALK 5", SPECIAL
STA. 26+50.00 TO STA. 27+20.20

THERMOPLASTIC PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW)
STA. 26+50.00 TO STA. 27+04.06

MAPLE COURT

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 LT

DETECTABLE WARNINGS, SPECIAL (TYP)

20'R (TYP)

COMB CONC C&G TY B-6.12
STA. 27+50.16 TO STA. 30+38.03

STA. 28+12.57
EOP EL. 665.60

LOW POINT
STA. 28+22.57
EOP EL. 665.52

STA. 28+32.57
EOP EL. 665.58

PCC SIDEWALK 5", SPECIAL
STA. 27+52.04 TO STA. 30+36.41

*827

THERMOPLASTIC PAVEMENT MARKING-LINE 4" (DOUBLE YELLOW)
STA. 27+69.07 TO
STA. 30+20.06

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 LT

20'R (TYP)

HOLLY STREET

BUTT JOINT (TYP)

COMB CONC C&G TY B-6.12
STA. 30+65.45 TO STA. 32+50.00

PCC SIDEWALK 5", SPECIAL
STA. 30+67.22 TO STA. 32+50.00

*813

N

MATCH LINE STA 26+50.00

EX ROW

5'

14.00'

33'

6' (TYP)

2%

2.5%

READ STREET (FAU 406)

28

29

30+00

31

32

1.5%

11.4' TYP

MATCH LINE STA 32+50.00

PCC SIDEWALK 5", SPECIAL
STA. 26+50.00 TO
STA. 27+21.35

COMB CONC C&G TY B-6.12
STA. 26+50.00 TO
STA. 27+23.32

*1105 Maple Ct

THERMOPLASTIC PAVEMENT MARKING-LINE 12"
(WHITE @ 3' C-C)
(TYP FOR ALL X-WALKS
MAPLE COURT TO
7TH STREET)

*1106 Maple Ct

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 RT

*824

STA. 28+32.57
EOP EL. 666.13

LOW POINT
STA. 28+22.57
EOP EL. 666.08

STA. 28+12.57
EOP EL. 666.16

*820

COMB CONC C&G TY B-6.12
STA. 27+51.53 TO
STA. 30+38.81

PCC SIDEWALK 5", SPECIAL
STA. 27+52.94 TO
STA. 30+36.96

EX ROW

*1105 Holly St

5¼" - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
2" - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
STA. 26+50.00 TO STA. 32+50.00

*814

PCC SIDEWALK 5", SPECIAL
STA. 30+68.75 TO
STA. 32+50.00

*810

COMB CONC C&G TY B-6.12
STA. 30+67.20 TO
STA. 32+50.00

THERMOPLASTIC PAVEMENT MARKING-LINE
4" (DOUBLE YELLOW)
STA. 30+85.07 TO
STA. 32+50.00

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 RT

0 FEET 20' 40'

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BM. NOTED
NO.
STRUCTURE NOTATIONS CHKD

NOTES:

1. SIDEWALKS SHALL BE 6" DEPTH BENEATH PROPOSED DRIVEWAYS.
2. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.
3. ALL DRIVEWAY REPLACEMENT SHALL BE PCC DRIVEWAY PAVEMENT, 6 INCH.

685 680 675 670 665 660 655 650 645

K = 105
100.00' V.C.

+80.00 EL. 665.99

+80.00 EL. 665.97

EXISTING READ ST ℄ PROFILE (ALONG PROPOSED ℄)

+84.00 EL. 666.47

-0.50%

+0.45%

VPI STA. 28+30.00
ELEVATION 665.74

+0.45%

VPI STA. 30+50.00
ELEVATION 666.73

-1.50%

+00.00 EL. 666.51

+00.00 EL. 665.98

K = 51
100.00' V.C.

PROPOSED READ ST ℄ PROFILE

EX ℄ EL

PR ℄ EL

666.73	666.53	666.37	666.43	666.57	666.66	666.79	667.00	667.19	666.52	665.62	664.75	663.87
666.58	666.39	666.14	665.91	665.88	666.06	666.28	666.51	666.49	665.98	665.23	664.48	663.73

26+50 27+00 27+50 28+00 28+50 29+00 29+50 30+00 30+50 31+00 31+50 32+00 32+50

FILE NAME = s:\pl\3780-3799\3784\820micros\CADD Sheets\D812345-sht-plngpf-4.dgn

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

USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

READ STREET – PLAN AND PROFILE

SCALE: 20-H 5-V | SHEET 4 OF 6 SHEETS | STA. 26+50.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	22

CONTRACT NO. 61B61

ILLINOIS FED. AID PROJECT

COMB CONC C&G TY B-6.12
STA. 32+50.00 TO
STA. 33+54.36

PCC SIDEWALK 5", SPECIAL
STA. 32+50.00 TO
STA. 33+52.58

BUTT JOINT (TYP)

8TH STREET

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 LT

THERMOPLASTIC PAVEMENT MARKING-LINE 12"
(WHITE @ 3' C-C)
(TYP FOR ALL X-WALKS
MAPLE COURT TO
7TH STREET)

COMB CONC C&G TY B-6.12
STA. 33+81.89 TO STA. 36+81.65

PCC SIDEWALK 5", SPECIAL
STA. 33+83.80 TO STA. 36+77.42

DETECTABLE WARNINGS, SPECIAL (TYP)

EX C&G

7TH STREET (FAU 290)

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 LT

CLASS D PATCH, TYPE IV, 10 INCH

END PAVEMENT RESURFACING
STA. 36+95.91

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
STA. 37+40.14

N

*1057 E 8th St

*709

*705

EX ROW

MATCH LINE STA 32+50.00

READ STREET (FAU 406)

30'R

18'

13.62'

5' 33' 14.00' 14.00' 33' 5'

11.4' TYP

6' (TYP)

2% 1.5% 2% 2%

*802 *800 *716 *710 *706 *702

COMB CONC C&G
TY B-6.12
STA. 32+50.00
TO STA. 36+82.90

THERMOPLASTIC PAVEMENT MARKING-LINE
4" (DOUBLE YELLOW)
STA. 32+50.00 TO
STA. 33+34.58

STA. 33+85.00
EOP EL. 663.02

LOW POINT
STA. 33+75.00
EOP EL. 662.90

STA. 33+58.56
EOP EL. 662.95

PCC SIDEWALK
5", SPECIAL
STA. 32+50.00 TO
STA. 36+78.66

5¼" - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
2" - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
STA. 32+50.00 TO STA. 36+84.28

NORTHBOUND LANE
e=2%
T.R.=34.72'
S.E. RUN=34.72'
BEGIN STA. 34+40.56 (+2%)
END STA. 35+10.00 (-2%)

BEND SIDEWALK AROUND TREE BRANCHES AS APPROVED BY THE ENGINEER

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
STA. 36+57.71

2" - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
STA. 34+02.27 TO
STA. 36+57.71

EX C&G

EX HMA PVMT

END PROJECT LIMITS
STA 36+84.28

THERMOPLASTIC PAVEMENT MARKING-LINE 24" (WHITE)
37.50 RT

NOTES:

1. SIDEWALKS SHALL BE 6" DEPTH BENEATH PROPOSED DRIVEWAYS.
2. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.
3. ALL DRIVEWAY REPLACEMENT SHALL BE PCC DRIVEWAY PAVEMENT, 6 INCH.

0 FEET 20' 40'

PROPOSED READ ST ℄ PROFILE

EXISTING READ ST ℄ PROFILE (ALONG PROPOSED ℄)

K = 50
100.00' V.C.

+83.56 EL. 663.23

+83.56 EL. 662.73

-1.50%

+0.50%

VPI STA. 33+33.56
ELEVATION 662.48

VPI STA. 34+60.00
ELEVATION 663.11

+0.50%

-0.81%

+10.00 EL. 662.86

+10.00 EL. 662.71

K = 76
100.00' V.C.

END PAVEMENT RECONSTRUCTION
STA. 36+84.28, EL. 661.32

EX ℄ EL

PR ℄ EL

680 675 670 665 660 655 650 645 640

663.87 663.73 | 663.12 663.01 | 662.56 662.68 | 662.28 662.81 | 662.16 662.96 | 662.10 662.78 | 662.05 662.38 | 661.91 661.97 | 661.80 661.57

32+50 33+00 33+50 34+00 34+50 35+00 35+50 36+00 36+50

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STRAND ASSOCIATES®	1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200
USER NAME = dennisw	DESIGNED - MG
MODEL NAME = Default	DRAWN - DW
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA
PLOT DATE = 3/12/2015	DATE - 3/12/15
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

READ STREET – PLAN AND PROFILE

SCALE: 20-H 5-V | SHEET 5 OF 6 SHEETS | STA. 32+50.00 TO STA. 37+40.55

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	23
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

PCC SIDEWALK 5", SPECIAL
STA. 100+35.00 TO STA. 101+56.24

COMB CONC C&G TY B-6.12

STA. 100+52.50
OFFSET 14.00' LT

STA. 100+35.00
OFFSET 13.26' LT

#1020

EX ROW

2" - HOT-MIX ASPHALT
SURFACE COURSE, MIX "D", N50

END BUTT JOINT
STA. 100+30.50

PUTNAM DRIVE

100+00

101 PR. CURVE PUTNAM-1

13.26' | 14.00' | 2.0% | 2.5% | 2.0% | 33'

13.36' | 14.00' | 2.0% | 2.5% | 2.0% | 33'

5'

15'

81'

STA. 101+89.98 PUTNAM =
STA. 18+08.87 READ

SEE SHEET 20 FOR READ STREET

READ STREET (FAU 4061)

EX ROW

PR. CURVE PUTNAM-1
PI STA. = 101+45.46
Δ = 28° 58' 57" (LT)
D = 31° 49' 52"
R = 180.00'
T = 46.52'
L = 91.05'
E = 5.91'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 100+98.93
P.T. STA. = 101+89.98

BEGIN IMPROVEMENTS
STA 100+35.00

#1019

#1021

STA. 100+35.00
OFFSET 13.36' RT

STA. 100+52.50
OFFSET 14.00' RT

COMB CONC C&G TY B-6.12

PCC SIDEWALK 5", SPECIAL
STA. 100+35.00 TO
STA. 101+66.67

5¼" - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
2" - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
STA. 100+35.00 TO STA. 101+75.98

N

0 FEET 20' 40'

EDGE OF PVMT POINTS

Ⓐ	STA 100+57.02	EL 663.36	
Ⓑ	STA 100+67.02	EL 663.27	LOW POINT
Ⓒ	STA 100+77.02	EL 663.34	

NOTES:

1. SIDEWALKS SHALL BE 6" DEPTH BENEATH PROPOSED DRIVEWAYS.
2. SEE INTERSECTION DETAIL SHEETS FOR FURTHER INFORMATION.
3. ALL DRIVEWAY REPLACEMENT SHALL BE PCC DRIVEWAY PAVEMENT, 6 INCH.

680 675 670 665 660 655 650 645 640

BEGIN PROJECT RECONSTRUCTION
STA. 100+35.00
EL. 663.73

+0.00 EL. 663.71

100.00' V.C.

+0.00 EL. 663.88

STA. 101+75.98
EL. 664.19

-0.50% +0.85%

VPI STA. 100+90.00
ELEVATION 663.46

EXISTING PUTNAM
DRIVE ℄ PROFILE
(ALONG PROPOSED ℄)

PROPOSED PUTNAM
DRIVE ℄ PROFILE

EX ℄ EL — PR ℄ EL

663.60

663.78 **663.67**

663.86 **663.65**

664.05 **663.97**

200+00 100+00 100+50 101+00 101+50

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
BEAM NOTED
STRUCTURE
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BEAM NOTED
STRUCTURE
NOTE BOOK
NO.
CHKD
DATE

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

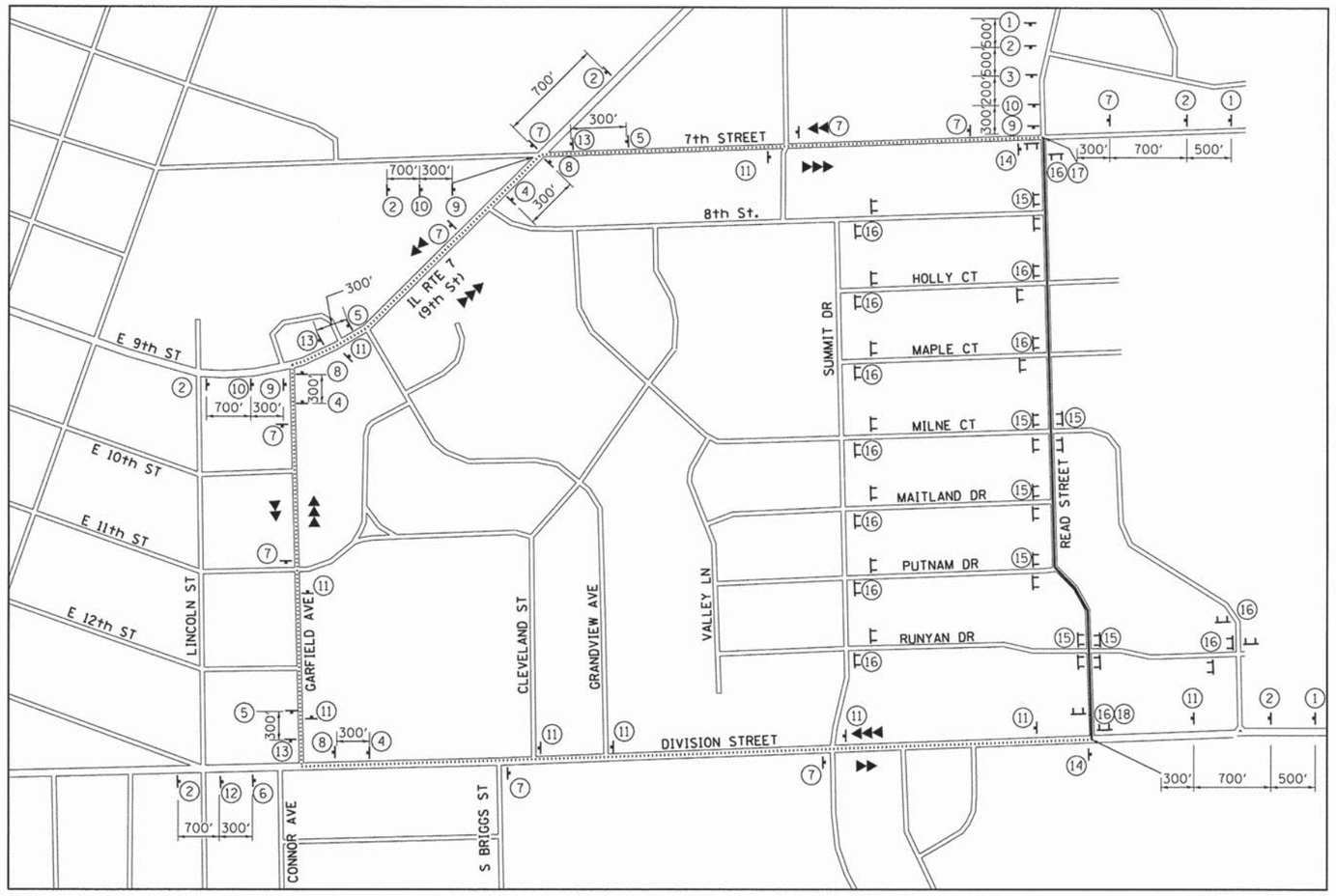
USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

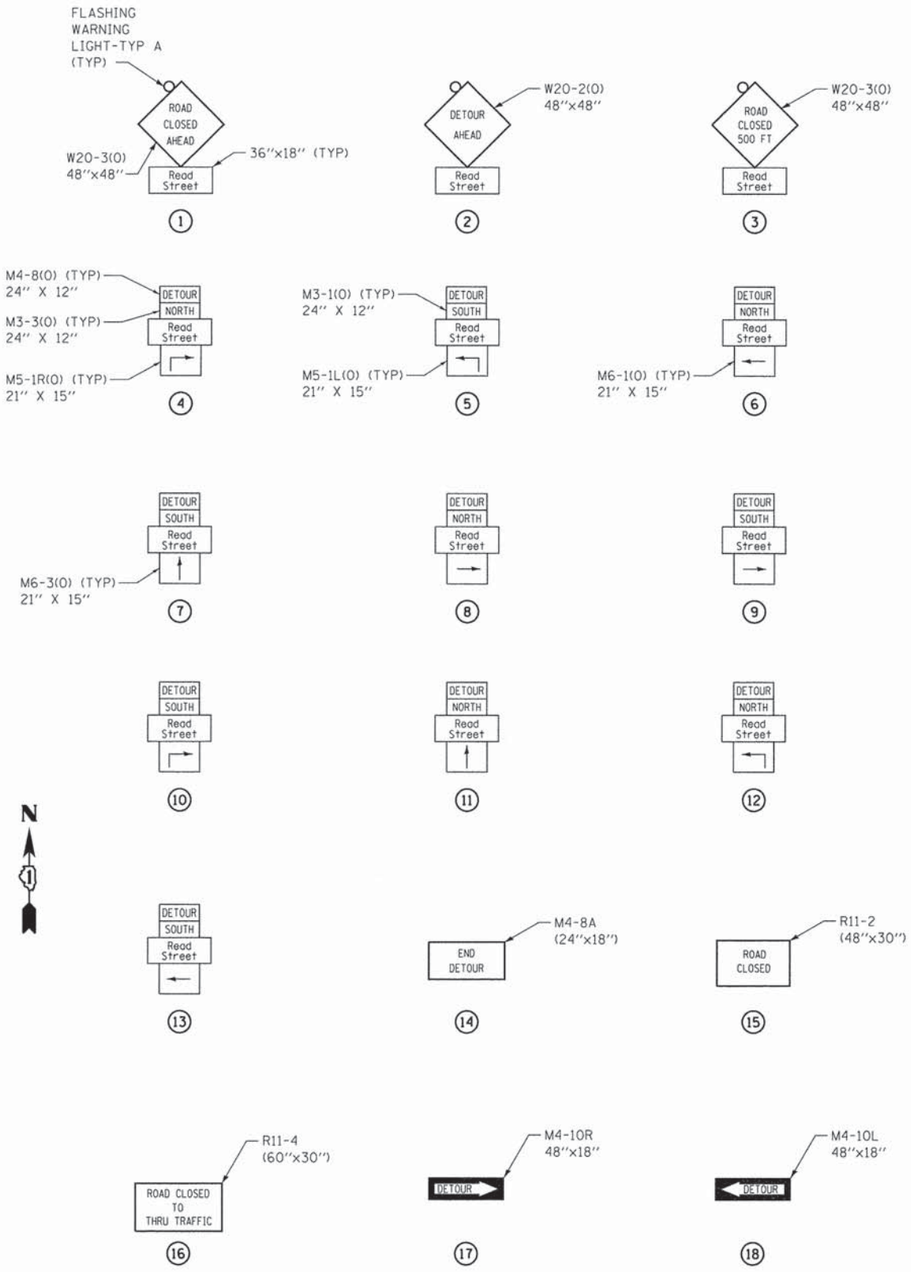
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PUTNAM – PLAN AND PROFILE

SCALE: 20-H 5-V | SHEET 6 OF 6 SHEETS | STA. 100+00.00 TO STA. 101+89.98

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	24
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			





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 IMPLEMENTING THE DETOUR.

2. CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO ALL INTERSECTIONS AND ENTRANCES DURING CONSTRUCTION OF THE PROJECT. THE WIDTHS OF THE ACCESS SHALL MATCH THE EXISTING WIDTH OF THE PAVEMENT. INTERSECTION TEMPORARY ACCESS RAMPS SHALL BE INSTALLED BY 5 PM THE SAME DAY AFTER COMMENCING PAVEMENT REMOVAL AT THE INTERSECTION. DRIVEWAY TEMPORARY ACCESS 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).

3. ON-STREET PARKING: PRIVATE VEHICLES WILL BE PERMITTED TO PARK ON READ STREET WHEN THE AGGREGATE SUBGRADE IMPROVEMENT IS FINISHED.

4. INSTALLATION OF THE STRUCTURE, STORM SEWER, AND CLASS D PATCH AT 7TH STREET SHALL BE ACCORDING TO HIGHWAY STANDARD 701501-06. THE CLASS D PATCH SHALL BE COMPLETED WITHIN 48 HOURS OF COMPLETION OF THE STRUCTURE AND STORM SEWER. THE BUTT JOINTS AT 7TH STREET AND DIVISION STREET SHALL ALSO BE ACCORDING TO HIGHWAY STANDARD 701501-06.

5. CONTRACTOR SHALL REFERENCE BUREAU OF LOCAL ROADS MANUAL FIGURE 55-2.B REGARDING TREATMENT REQUIRED FOR SPECIFIC DROP OFFS. ALL DROP OFF TREATMENT REQUIRED SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

LEGEND:

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

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

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

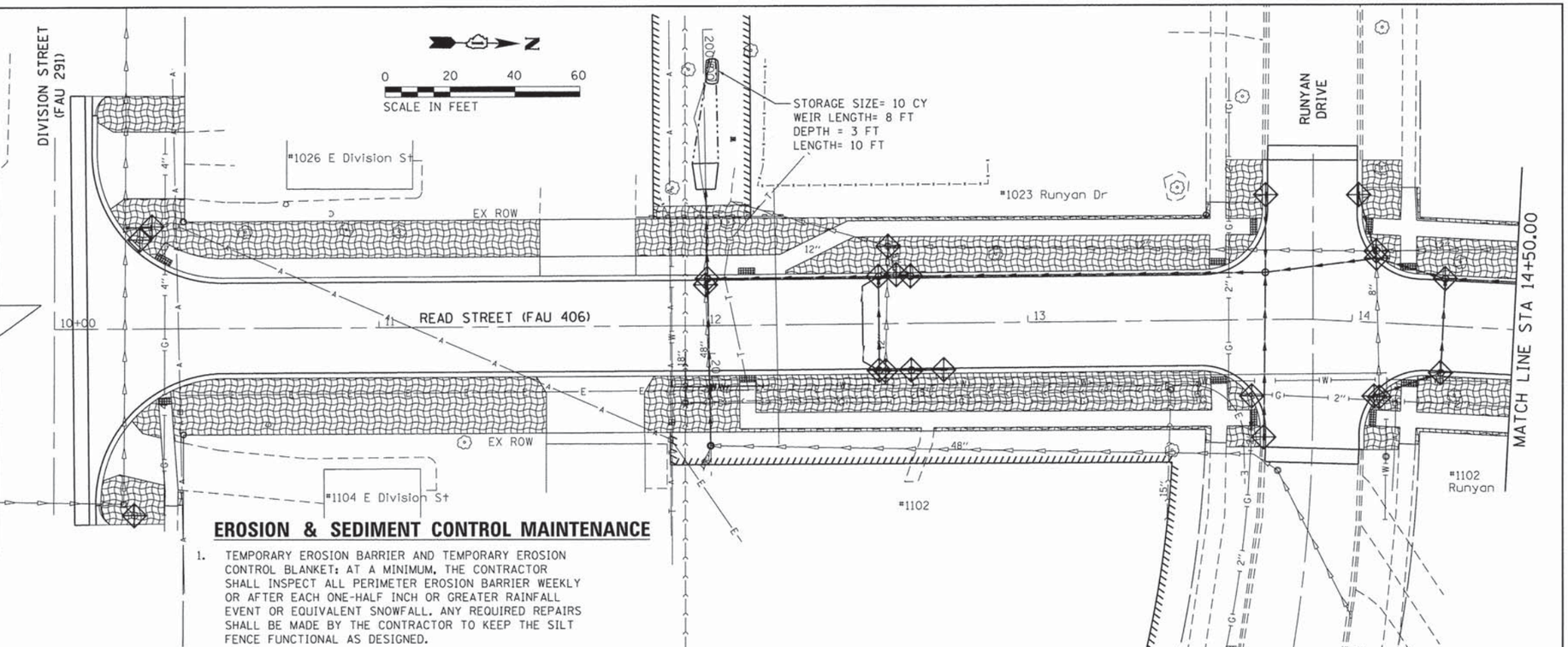
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	25

CONTRACT NO. 61B61

ILLINOIS FED. AID PROJECT

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 AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED. 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 THE STANDARD SPECIFICATIONS 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.

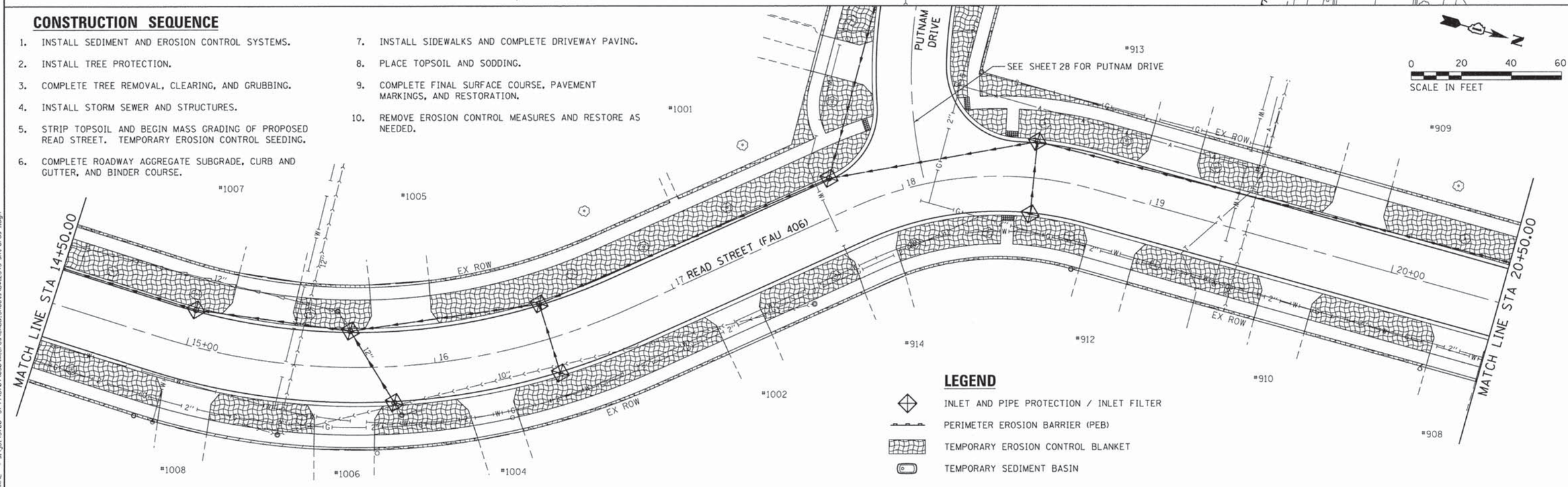


EROSION & SEDIMENT CONTROL MAINTENANCE

1. TEMPORARY EROSION BARRIER AND TEMPORARY EROSION CONTROL BLANKET: AT A MINIMUM, THE CONTRACTOR SHALL INSPECT ALL PERIMETER EROSION BARRIER WEEKLY OR AFTER EACH ONE-HALF INCH OR GREATER RAINFALL EVENT OR EQUIVALENT SNOWFALL. ANY REQUIRED REPAIRS SHALL BE MADE BY THE CONTRACTOR TO KEEP THE SILT FENCE 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 READ STREET. 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
- TEMPORARY SEDIMENT BASIN

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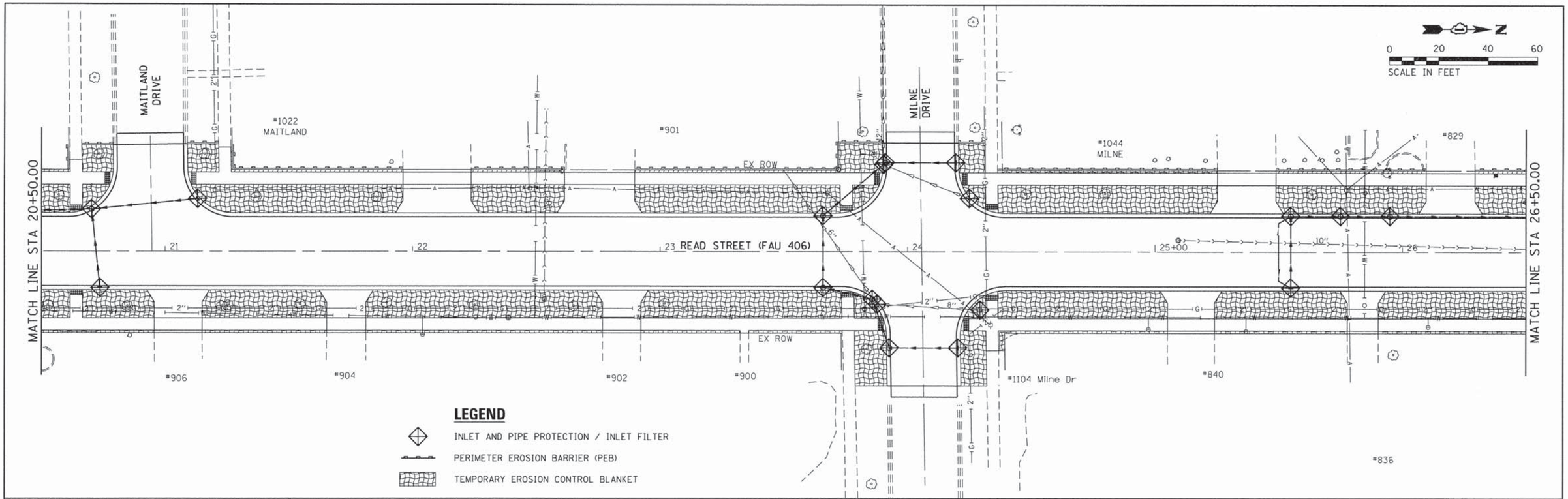
STRAND ASSOCIATES® 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MC	REVISED -
	MODEL NAME = Default	DRAWN - DW	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

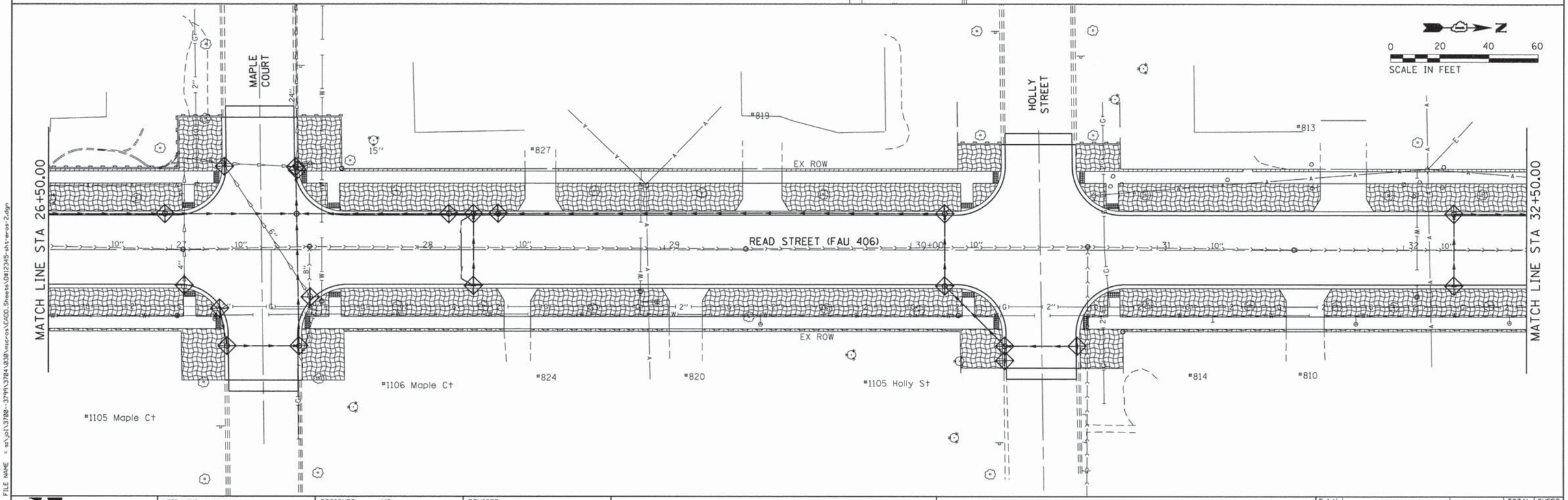
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SEDIMENT AND EROSION CONTROL PLAN
READ STREET

SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. 10+00.00 TO STA. 20+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	26
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			





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

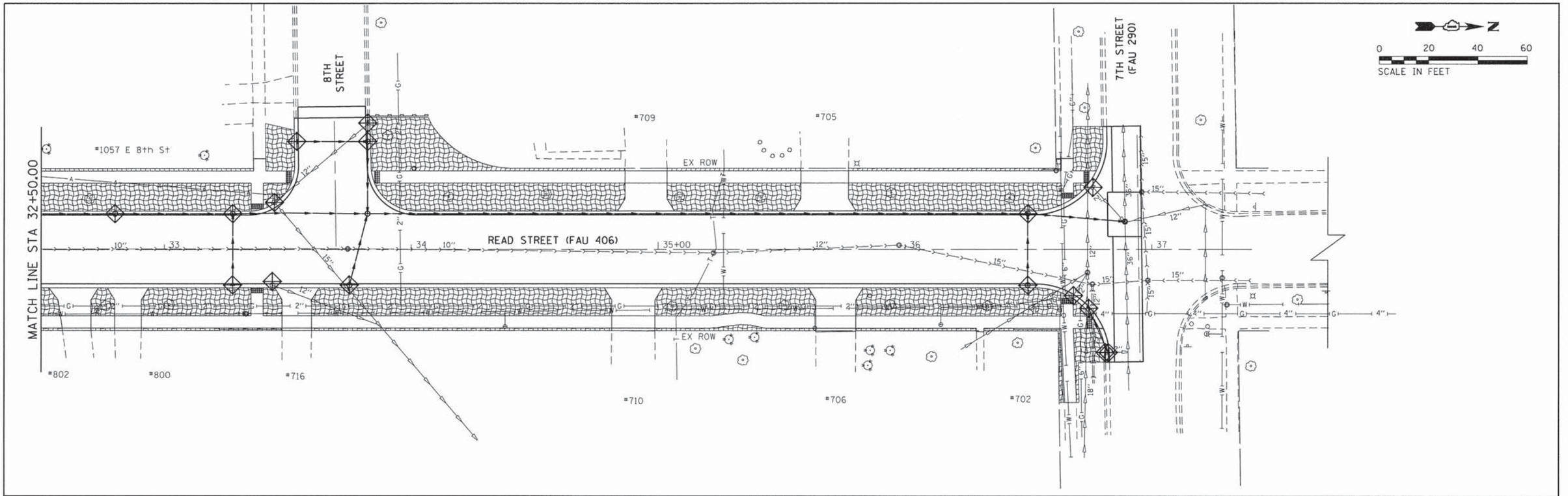
USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

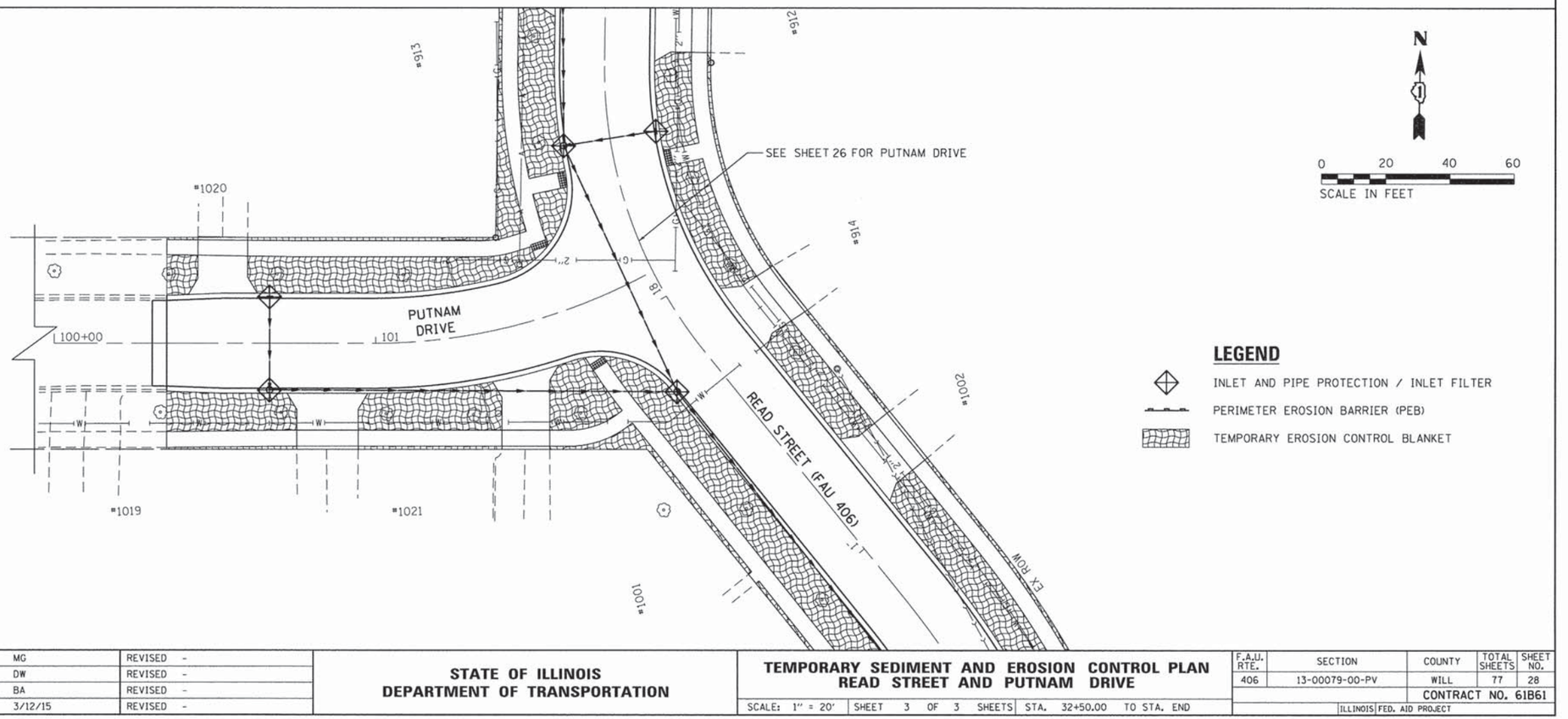
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SEDIMENT AND EROSION CONTROL PLAN
READ STREET

SCALE: 1" = 20' | SHEET 2 OF 3 SHEETS | STA. 20+50.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	27
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		





LEGEND

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

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

USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SEDIMENT AND EROSION CONTROL PLAN
READ STREET AND PUTNAM DRIVE

SCALE: 1" = 20' | SHEET 3 OF 3 SHEETS | STA. 32+50.00 TO STA. END

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	28
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

SCHEDULE OF EXISTING STRUCTURES TO BE ADJUSTED AND RECONSTRUCTED

STRUCTURE TYPE	STATION	OFFSET	RT/LT	EX RIM ELEV	PROP. RIM ELEV.	DRAINAGE & UTILITY STRUCTURE ADJUSTMENT (SPECIAL)	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED (SPECIAL)	DRAINAGE STRUCTURE TO BE REMOVED
STORM	10+21.17	54.20	RT	661.68	662.18	1		
STORM	10+24.43	57.76	RT	661.36	661.86	1		
STORM	10+26.43	27.48	LT					1
SAN	11+94.33	23.92	RT	658.91	658.91	1		
STORM	12+00.68	12.56	LT					1
STORM	12+06.33	37.12	RT					1
STORM	12+55.99	14.60	RT					1
STORM	12+57.07	23.84	LT					1
STORM	12+59.61	14.86	LT					1
SAN	13+43.97	21.34	RT	658.50	658.50	1		
STORM	13+68.82	23.57	RT					1
STORM	14+06.34	21.93	LT					1
STORM	14+09.64	22.89	RT					1
SAN	15+40.15	28.59	RT	661.23	661.29		1	
STORM	15+60.36	22.35	LT					1
STORM	15+85.40	19.58	RT					1
SAN	17+48.81	28.68	RT	664.40	664.63	1		
VAULT	22+38.77	26.86	RT	669.65	669.81	1		
SAN	22+53.20	19.24	RT	669.38	669.52	1		
VAULT	23+82.59	23.26	RT	667.72	668.35		1	
STORM	23+87.47	21.24	RT					1
STORM	23+90.13	35.27	LT					1
STORM	24+24.75	21.53	LT					1
STORM	24+29.22	23.58	RT					1
SAN	25+09.38	4.73	LT	667.09	666.33		1	
VAULT	27+02.31	26.72	RT	666.94	667.03	1		
SAN	27+04.66	0.13	LT	666.53	666.37		1	
STORM	27+05.07	14.85	RT					1
STORM	27+20.83	35.18	LT					1
STORM	27+51.11	33.82	LT					1
SAN	27+56.01	1.33	LT	666.37	666.08		1	
STORM	27+56.29	18.91	RT					1
VAULT	28+90.27	16.88	RT	666.56	666.86	1		
SAN	29+33.01	0.37	LT	666.74	666.20	1		
VAULT	30+19.23	26.51	RT	667.77	668.02	1		
SAN	30+71.77	1.30	LT	667.01	666.30		1	
SAN	31+55.52	0.08	LT	665.52	665.15	1		
VAULT	32+05.49	18.91	RT	665.22	665.49	1		
VAULT	33+33.08	26.20	RT	663.90	664.02	1		
STORM	33+43.83	14.55	RT					1
STORM	33+44.55	19.13	LT					1
SAN	33+74.27	0.24	LT	662.29	662.69	1		
STORM	33+82.36	51.64	LT					1
SAN	35+22.43	1.42	RT	661.99	662.58		1	
SAN	35+97.60	1.73	LT	661.85	661.96	1		
STORM	36+68.25	18.74	RT					1
STORM	36+73.97	9.38	RT					1
SAN	36+75.93	14.08	RT	660.95	661.24		1	
STORM	36+76.10	25.24	LT					1
STORM	36+81.22	41.82	RT					1
STORM	36+89.11	11.25	LT					1
					Totals:	16	8	27

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
DITCH & SWALE BOTTOM		
SUMMIT		
DIRECTION OF SWALE FLOW		
PIPE CULVERT		
PIPE UNDERDRAINS, 4"		
STORM SEWER		
CATCH BASIN		
INLET		
MANHOLE		
PIPE CULVERT END SECTION		

BOUNDARY LINES/SYMBOLS	PROPOSED
STRUCTURES	XXX
PIPES	XXX
*MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	ADJ MH
*VALVE VAULTS TO BE ADJUSTED	A VV
#VALVE BOXES TO BE ADJUSTED	ADJ VB
+MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	REC MH
+VALVE VAULTS TO BE RECONSTRUCTED	REC VV
POWER POLE TO BE RELOCATED BY OTHERS	REL PP

*PAID FOR AS DRAINAGE AND UTILITY STRUCTURE ADJUSTMENT (SPECIAL)

+PAID FOR AS DRAINAGE AND UTILITY STRUCTURES TO BE RECONSTRUCTED (SPECIAL)

#INCLUDED IN THE COST FOR DRAINAGE AND UTILITY STRUCTURE ADJUSTMENT (SPECIAL)

PROPOSED STORM SEWER SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE(%)	D.I.	U.I.
100	100	EXISTING	8	12	CLASS A, TYPE 2	1.00	656.16	656.24
101	102	101	35.6	43x68	CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 54"	0.30	652.08	652.18
102	103	102	51.6	43x68	CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 54"	0.30	652.18	652.36
103	104	102	52.7	24	CLASS A, TYPE 1	0.70	652.60	652.95
104	105	104	29	18	CLASS A, TYPE 1	1.00	653.45	653.75
105	106	105	9.9	15	CLASS A, TYPE 1	0.50	654.00	654.05
106	107	106	10	15	CLASS A, TYPE 1	0.50	654.05	654.10
107	108	104	9.9	24	CLASS A, TYPE 1	0.60	652.95	653.01
108	109	108	109.4	21	CLASS A, TYPE 1	0.60	653.01	653.70
109	110	109	50.9	12	WATER MAIN QUALITY, TYPE 1	0.50	654.45	654.71
110	111	109	23.8	12	CLASS A, TYPE 1	1.90	654.45	654.91
111	112	109	34.6	21	CLASS A, TYPE 1	0.60	653.70	653.90
112	113	112	20.3	12	CLASS A, TYPE 2	2.40	654.65	655.13
113	114	112	22.2	18	CLASS A, TYPE 2	1.60	654.15	654.51
114	115	114	29	12	CLASS A, TYPE 2	0.50	655.08	655.23
115	116	115	21.7	12	WATER MAIN QUALITY, TYPE 2	0.50	655.23	655.33
116	117	114	71.2	18	CLASS A, TYPE 1	3.10	654.51	656.69
117	118	117	62.3	18	WATER MAIN QUALITY, TYPE 1	0.30	656.69	656.87
118	119	118	33.8	12	CLASS A, TYPE 1	1.01	656.87	657.21
119	120	118	76	18	CLASS A, TYPE 1	1.00	656.87	657.61
120	121	120	29.1	12	CLASS A, TYPE 1	0.50	658.11	658.25
121	122	120	125.9	18	CLASS A, TYPE 2	0.30	657.61	658.00
122	123	122	126.8	12	CLASS A, TYPE 2	0.60	658.50	659.25
123	124	123	29	12	CLASS A, TYPE 1	0.50	659.25	659.40
124	125	122	84.4	12	CLASS A, TYPE 2	3.00	658.50	661.00
125	126	125	29.1	12	CLASS A, TYPE 1	0.50	661.00	661.15
126	127	125	220.3	12	CLASS A, TYPE 1	1.60	661.00	664.50
127	128	127	31.8	12	CLASS A, TYPE 1	0.60	665.33	665.53
128	129	127	43.1	12	CLASS A, TYPE 1	0.60	665.33	665.58
129	131	130	33	12	WATER MAIN QUALITY, TYPE 1	0.50	663.60	663.77
130	132	131	29	12	CLASS A, TYPE 1	0.60	663.77	663.95
131	133	132	20.5	12	WATER MAIN QUALITY, TYPE 1	0.70	663.95	664.10
132	134	133	20.9	12	CLASS A, TYPE 1	1.00	664.10	664.30
133	135	134	27.7	12	CLASS A, TYPE 1	0.50	664.30	664.45
134	136	130	28.5	12	CLASS A, TYPE 1	0.50	663.60	663.75
135	137	138	29	12	CLASS A, TYPE 1	0.90	662.75	663.00
136	138	139	20.1	15	CLASS A, TYPE 1	1.00	662.29	662.50
137	139	140	20	15	WATER MAIN QUALITY, TYPE 2	1.00	662.08	662.29
138	140	141	102.3	15	CLASS A, TYPE 2	1.90	660.16	662.08
139	141	142	53.4	15	CLASS A, TYPE 2	1.40	659.41	660.16
140	143	142	53.5	15	WATER MAIN QUALITY, TYPE 2	0.90	661.50	662.00
141	144	143	29.2	15	CLASS A, TYPE 2	1.70	662.00	662.50
142	145	144	15.6	12	WATER MAIN QUALITY, TYPE 1	3.20	662.75	663.25
143	142	147	19.2	24	CLASS A, TYPE 2	0.80	658.85	659.00
144	148	142	61.8	15	WATER MAIN QUALITY, TYPE 2	1.46	660.00	660.90
145	149	148	10	15	CLASS A, TYPE 2	3.00	660.90	661.20
146	150	149	29	12	CLASS A, TYPE 1	0.86	662.75	663.00
147	151	149	10	15	CLASS A, TYPE 2	0.60	661.20	661.26
148	152	151	181.2	15	CLASS A, TYPE 2	0.63	661.26	662.40
149	153	152	29.1	15	CLASS A, TYPE 2	0.69	662.40	662.60
150	154	153	34.6	15	WATER MAIN QUALITY, TYPE 2	0.58	662.60	662.80
154A	154A	154	6	12	CLASS A, TYPE 2	1.00	663.05	663.11
151	155	154	29.4	12	CLASS A, TYPE 2	0.68	663.05	663.25
152	156	157	29	12	CLASS A, TYPE 1	0.86	660.75	661.00
153	157	158	59.6	12	CLASS A, TYPE 2	0.86	659.84	660.35
154	158	159	47.7	12	CLASS A, TYPE 2	1.03	659.35	659.84
155	160	159	29	12	CLASS A, TYPE 2	0.69	659.40	659.60
156	159	161	54.5	12	CLASS A, TYPE 2	0.92	658.85	659.35
157	162	161	29.5	15	CLASS A, TYPE 2	1.02	658.60	658.90
158	163	162	28.6	12	CLASS A, TYPE 2	0.70	659.05	659.25
159	164	161	29.9	12	CLASS A, TYPE 2	0.67	659.40	659.60
160	161	165	267.5	15	CLASS A, TYPE 2	0.69	656.75	658.60
161	166	165	29	12	CLASS A, TYPE 2	3.62	657.10	658.15
162	167	168	19.57	12	CLASS A, TYPE 2	1.02	657.26	657.46
163	165	169	39.5	18	WATER MAIN QUALITY, TYPE 1	0.63	656.50	656.75

FILE NAME = s:\pl\3780-3799\3784\030\euros\CADD\12345-sht-drain-sched.dgn

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

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

SCALE: N/A | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	29
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	ROADWAY	STATION	OFFSET	RIM ELEV	INV (N)	INV (E)	INV (S)	INV (W)
100	INLET - TYPE A, TYPE 8 GRATE	PARKWAY	10+30.00	31.22 LT	660.63			656.24	
101	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 54"	PARKWAY	12+00.95	42.00 LT			652.08		
102	MANHOLE - TYPE A, 8' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	12+01.44	14.42 LT	658.01	652.60	652.18		652.18
103	MANHOLE - TYPE A, 8' DIAMETER, TYPE 1 FRAME, CLOSED LID	PARKWAY	12+01.94	37.17 RT	659.10	652.78	VERIFY		652.36
104	MANHOLE - TYPE A, 5' DIAMETER, TYPE 11 FRAME AND GRATE	READ STREET	12+54.09	14.50 LT	657.64	652.95	653.45	652.95	
105	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11 FRAME AND GRATE	READ STREET	12+54.09	14.50 RT	657.64	654.00			653.75
106	INLET - TYPE B, TYPE 11V FRAME AND GRATE	READ STREET	12+64.00	14.50 RT	657.65	654.05		654.05	
107	INLET - TYPE A, TYPE 11V FRAME AND GRATE	READ STREET	12+74.00	14.50 RT	657.69			654.10	
108	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	12+69.08	14.50 LT	657.67	653.01		653.01	
109	MANHOLE - TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	READ STREET	13+73.41	14.50 LT	658.48	653.70	654.45	653.70	654.45
110	INLET - TYPE A, TYPE 11V FRAME AND GRATE	RUNYAN DRIVE	13+72.48	36.39 RT	658.57				654.71
111	INLET - TYPE A, TYPE 11V FRAME AND GRATE	RUNYAN DRIVE	13+73.83	38.33 LT	658.91		654.91		
112	MANHOLE - TYPE A, 5' DIAMETER, TYPE 11 FRAME AND GRATE	READ STREET	14+06.61	19.71 LT	658.94	654.14		653.90	654.65
113	INLET - TYPE A, TYPE 11V FRAME AND GRATE	RUNYAN DRIVE	14+00.13	38.93 LT	659.13		655.13		
114	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	14+28.14	14.50 LT	659.08	654.51	655.08	654.51	
115	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	14+28.14	14.50 RT	659.08			655.23	655.23
116	INLET - TYPE A, TYPE 11 FRAME AND GRATE	RUNYAN DRIVE	14+08.06	22.77 RT	658.83	655.33			
117	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	15+00.00	14.50 LT	659.87	656.69		656.69	
118	MANHOLE - TYPE A, 5' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	15+65.96	14.50 LT	660.59	656.87	656.87	656.87	
119	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	15+82.92	14.50 RT	660.78		656.27		657.21
120	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	16+46.78	13.00 LT	661.71	657.61	658.11	657.61	
121	INLET - TYPE A, TYPE 11V FRAME AND GRATE	READ STREET	16+46.98	14.63 RT	661.71				658.25
122	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	17+74.64	14.50 LT	663.63	658.80		658.00	658.50
123	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11 FRAME AND GRATE	PUTNAM DRIVE	100+67.02	14.50 RT	663.27	659.25	659.25		
124	INLET - TYPE A, TYPE 11 FRAME AND GRATE	PUTNAM DRIVE	100+67.02	14.50 LT	663.27			659.40	
125	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	18+52.48	14.57 LT	665.07	661.00	661.00	661.00	
126	INLET - TYPE A, TYPE 11V FRAME AND GRATE	READ STREET	18+52.45	14.5 RT	665.07				661.15
127	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	20+70.29	17.05 LT	668.60	665.33	665.33	664.50	
128	INLET - TYPE A, TYPE 11V FRAME AND GRATE	READ STREET	20+73.58	14.58 RT	668.58				665.53
129	INLET - TYPE A, TYPE 11 FRAME AND GRATE	READ STREET	21+13.20	21.27 LT	668.91			665.58	
130	INLET - TYPE A, TYPE 11 FRAME AND GRATE	MILNE DRIVE	23+90.97	36.00 LT	666.74	663.60	663.60		
131	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	23+65.82	14.50 LT	667.49		663.77		663.77
132	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	23+65.87	14.50 RT	668.05	663.95			663.95
133	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11 FRAME AND GRATE	READ STREET	23+85.80	19.22 RT	667.84		664.10	664.10	
134	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	MILNE DRIVE	23+92.65	39.00 RT	668.08	664.30			664.30
135	INLET - TYPE A, TYPE 11V FRAME AND GRATE	MILNE DRIVE	24+20.32	39.00 RT	667.93			664.45	
136	INLET - TYPE A, TYPE 11 FRAME AND GRATE	MILNE DRIVE	24+19.46	36.00 LT	666.56			663.75	
137	INLET - TYPE A, TYPE 11 FRAME AND GRATE	READ STREET	25+54.90	14.50 RT	666.57				663.00
138	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11 FRAME AND GRATE	READ STREET	25+54.93	14.50 LT	666.01	662.50	662.75		
139	INLET - TYPE B, TYPE 11V FRAME AND GRATE	READ STREET	25+75.00	14.50 LT	666.14	662.29		662.29	
140	INLET - TYPE B, TYPE 11V FRAME AND GRATE	READ STREET	25+95.00	14.50 LT	666.24	662.08		662.08	
141	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	26+97.34	14.50 LT	666.12	660.16		660.16	
142	MANHOLE - TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	READ STREET	27+50.77	14.50 LT	665.84	660.00	661.50	659.41	659.00
143	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	MAPLE COURT	27+51.82	39.00 RT	666.73			662.00	662.00
144	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	MAPLE COURT	27+22.62	39.00 RT	666.77	662.50			662.75
145	INLET - TYPE A, TYPE 11 FRAME AND GRATE	MAPLE COURT	27+19.63	23.72 RT	666.60		663.25		
146	INLET - TYPE A, TYPE 11 FRAME AND GRATE	MAPLE COURT	27+21.63	35.15 LT	665.17	661.32		EXISTING	
147	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	MAPLE COURT	27+50.40	33.72 LT	665.19		658.85	661.06	658.73
148	INLET - TYPE B, TYPE 11V FRAME AND GRATE	READ STREET	28+12.57	14.50 LT	665.60	660.90		660.90	
149	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11 FRAME AND GRATE	READ STREET	28+22.57	14.50 LT	665.52	661.20		661.20	
150	INLET - TYPE A, TYPE 11 FRAME AND GRATE	READ STREET	28+22.60	14.50 RT	666.08				663.00
151	INLET - TYPE B, TYPE 11V FRAME AND GRATE	READ STREET	28+32.57	14.50 LT	665.58	661.26		661.26	
152	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	30+13.78	14.50 LT	666.27		662.40	662.40	
153	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	30+13.78	14.50 RT	666.83		662.60		662.60
154	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11 FRAME AND GRATE	HOLLY STREET	30+38.23	39.00 RT	666.41		663.05		662.80
154A	INLET - TYPE A, TYPE 11V FRAME AND GRATE	HOLLY STREET	30+38.17	44.97 RT	666.44				663.11
155	INLET - TYPE A, TYPE 11 FRAME AND GRATE	HOLLY STREET	30+67.62	39.00 RT	666.30			663.25	
156	INLET - TYPE A, TYPE 11V FRAME AND GRATE	READ STREET	32+20.49	14.50 RT	664.45				661.00
157	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	32+20.49	14.50 LT	663.89	660.35	660.75		
158	INLET - TYPE B, TYPE 11V FRAME AND GRATE	READ STREET	32+80.00	14.50 LT	663.00	659.84		659.84	
159	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	33+27.71	14.50 LT	662.48	659.35	659.40	659.35	
160	INLET - TYPE A, TYPE 11V FRAME AND GRATE	READ STREET	33+27.71	14.50 RT	663.04				659.60
161	MANHOLE - TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	READ STREET	33+82.28	14.50 LT	662.44	658.60	659.40	658.85	658.60
162	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11 FRAME AND GRATE	8TH STREET	33+82.26	44.00 LT	662.03		658.90	659.05	
163	INLET - TYPE A, TYPE 11 FRAME AND GRATE	8TH STREET	33+53.66	44.00 LT	662.03	659.25			
164	INLET - TYPE A, TYPE 11 FRAME AND GRATE	READ STREET	33+75.00	14.50 RT	662.90				659.60
165	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	36+49.72	14.50 LT	661.29	656.75	657.10	656.75	
166	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	READ STREET	36+49.72	14.50 RT	661.29				658.15
167	INLET - TYPE A, TYPE 11 FRAME AND GRATE	7TH STREET	36+74.38	23.79 RT	661.14		657.46		
168	MANHOLE - TYPE A, 4' DIAMETER, TYPE 11V FRAME AND GRATE	7TH STREET	36+82.29	41.70 RT	661.48	656.56			657.26
169	MANHOLE - TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	READ STREET	36+89.11	11.26 LT	661.27	654.97	651.88	656.50	651.88

FILE NAME = SCJOL\3720--3799\3784\030\Micros\CADD_Sheets\0812345-sht-dr-sun-schedule.dgn

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

USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	30
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

0 FEET 20' 40'

DIVISION STREET (FAU 291)

MILNE CREEK

SEE SHEET 36 FOR MILNE CREEK

RUNYAN DRIVE

READ STREET (FAU 406)

EX ROW

EX ROW

#1026 E Division St

#1104 E Division St

#1023 Runyan Dr

#1102

#1102 Runyan

10+00

BEGIN IMPROVEMENTS STA 10+10.21

ADJUSTING SANITARY SEWERS (16LF)

ADJUSTING WATER MAIN 8"

MATCH LINE STA 14+50.00

ADJ MH

ADJ MH

ADJ

ADJ

PROPOSED READ ST ℄ PROFILE

EXISTING READ ST ℄ PROFILE (ALONG PROPOSED ℄)

EX CROWN OF WATER MAIN

90° BENDS

18" MIN

45° BENDS

EX 12" SANS

PR CROWN OF 8" WATER MAIN

EX ℄ EL

PR ℄ EL

680 675 670 665 660 655 650 645 640

662.27

660.78 661.26

659.97 660.26

659.40 659.26

658.88 658.32

658.42 657.92

658.41 658.15

658.70 658.50

659.37 659.05

659.95 659.60

10+00 10+50 11+00 11+50 12+00 12+50 13+00 13+50 14+00 14+50

PLAN — SURVEYED — PLOTTED — ALIGNMENT CHECKED — GRADES CHECKED — SUBSURFACE UTILITIES LOCATED — NOTE BOOK — NO. — BY — DATE — FIELD FILE NAME — ADD'L FILE NAME

PROFILE — SURVEYED — PLOTTED — GRADES CHECKED — NOTE BOOK — NO. — BY — DATE — STA. NOTED — ELEV. NOTED — NOTATNS CHKD

FILE NAME = s:\pl\3788-3799\3784\030\micros\CADD\Sheets\0812345-ant-drain-1.dgn

STRAND ASSOCIATES® 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MG	REVISED -	
	MODEL NAME = Default	DRAWN - DW	REVISED -	
	PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -	
	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

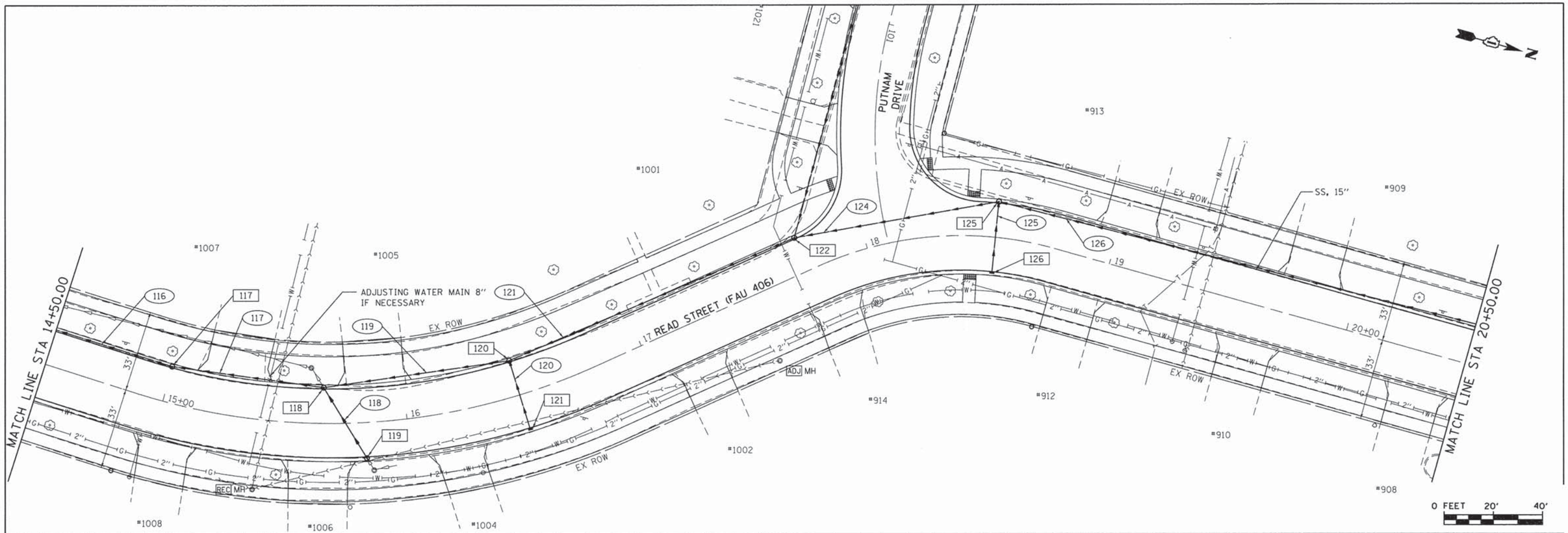
DRAINAGE AND UTILITY PLAN AND PROFILE
READ STREET

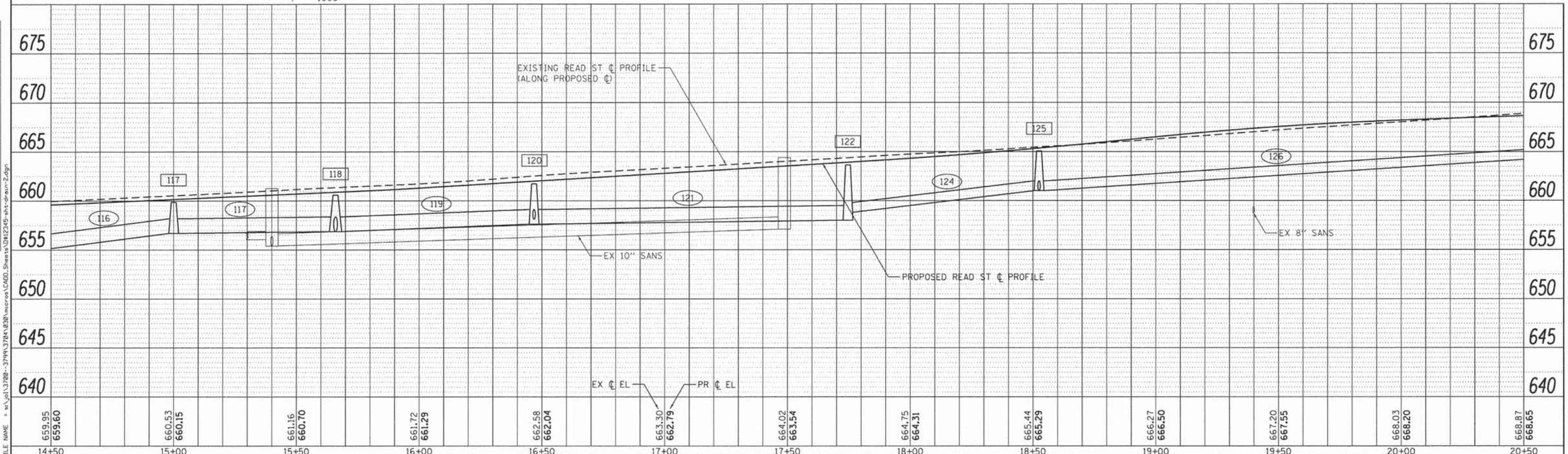
SCALE: 20-H 5-V | SHEET 1 OF 5 SHEETS | STA. 10+00.00 TO STA. 14+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	31
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ELEV. NOTED
NO.
STRUCTURE NO
BY
DATE





FILE NAME = s:\plt\3700-3799\3784\830\micros\CADD_Sheets\DW12345-sht-drain-2.dgn

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

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

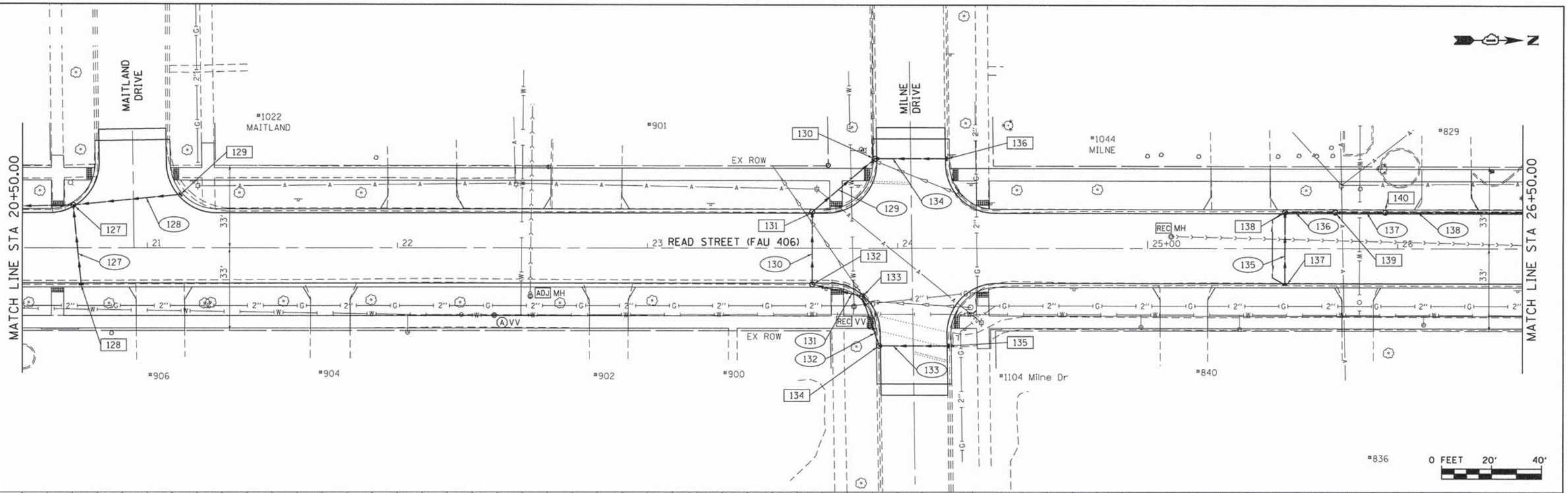
DRAINAGE AND UTILITY PLAN AND PROFILE
READ STREET

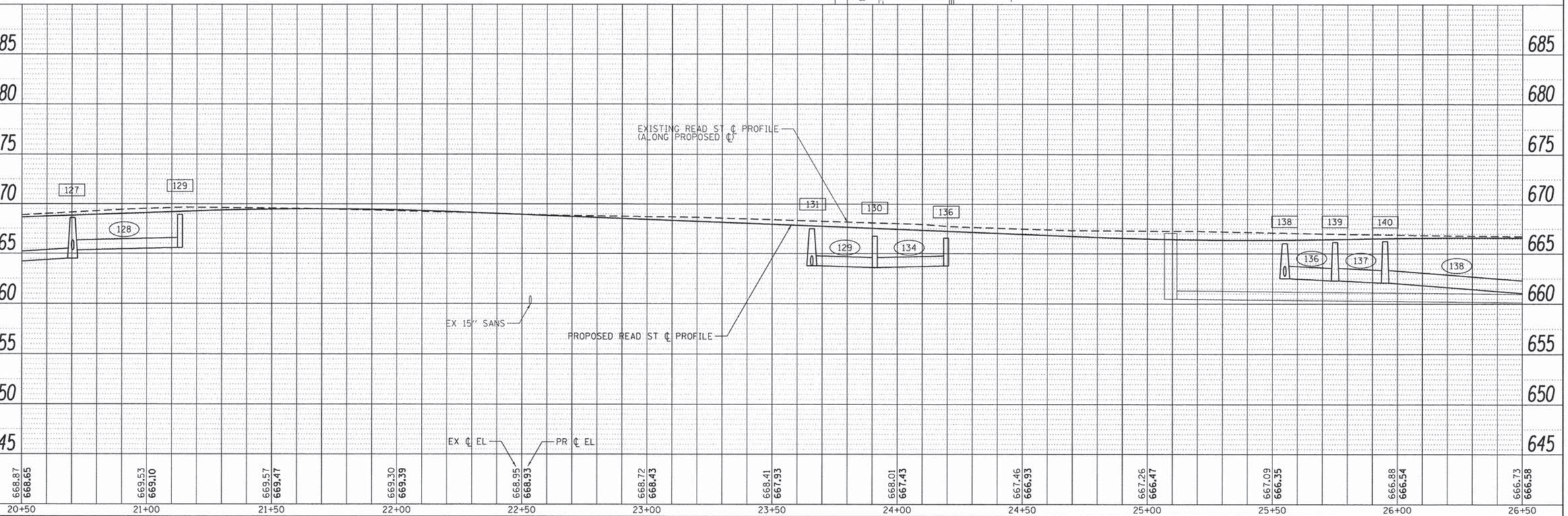
SCALE: 20-H 5-V | SHEET 2 OF 5 SHEETS | STA. 14+50.00 TO STA. 20+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	32
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

PLAN	BY	DATE
SURVEYED		
DRAWN		
ALIGNMENT CHECKED		
GRADES CHECKED		
R.O.W. NOTED		
BKGD FILE NAME		
NOTE BOOK		
NO.		

PROFILE	BY	DATE
SURVEYED		
DRAWN		
GRADES CHECKED		
R.W. NOTED		
STRUCTURE NO'S/ING CHKD		
NOTE BOOK		
NO.		





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MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/15	DATE - 3/12/15	REVISED -	

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE
READ STREET

SCALE: 20-H 5-V | SHEET 3 OF 5 SHEETS | STA. 20+50.00 TO STA. 26+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	33
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
GRADES CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

MAPLE COURT

HOLLY STREET

MATCH LINE STA 26+50.00

MATCH LINE STA 32+50.00

ADJUSTING WATER MAIN 8" (IF NECESSARY)

ADJUSTING WATER MAIN 8" (IF NECESSARY)

EX ROW

EX ROW

READ STREET (FAU 406)

REC MH

REC MH

ADJ MH

ADJ MH

A VV

A VV

A VV

#1105 Maple Ct

#1106 Maple Ct

#824

#820

#1105 Holly St

#814

#810

#813

#819

#827

N

0 FEET 20' 40'

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

EXISTING READ ST ℄ PROFILE (ALONG PROPOSED ℄)

PROPOSED READ ST ℄ PROFILE

EX 10" SANS (TYP)

EX ℄ EL

PR ℄ EL

685 680 675 670 665 660 655 650 645

666.73 666.58 | 666.53 666.39 | 666.37 666.14 | 666.43 665.91 | 666.57 665.88 | 666.66 666.06 | 666.79 666.28 | 667.00 666.51 | 667.19 666.49 | 666.52 665.98 | 665.62 665.23 | 664.75 664.48 | 663.87 663.73

26+50 27+00 27+50 28+00 28+50 29+00 29+50 30+00 30+50 31+00 31+50 32+00 32+50

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JOLIET, ILLINOIS 60431
(815) 744-4200

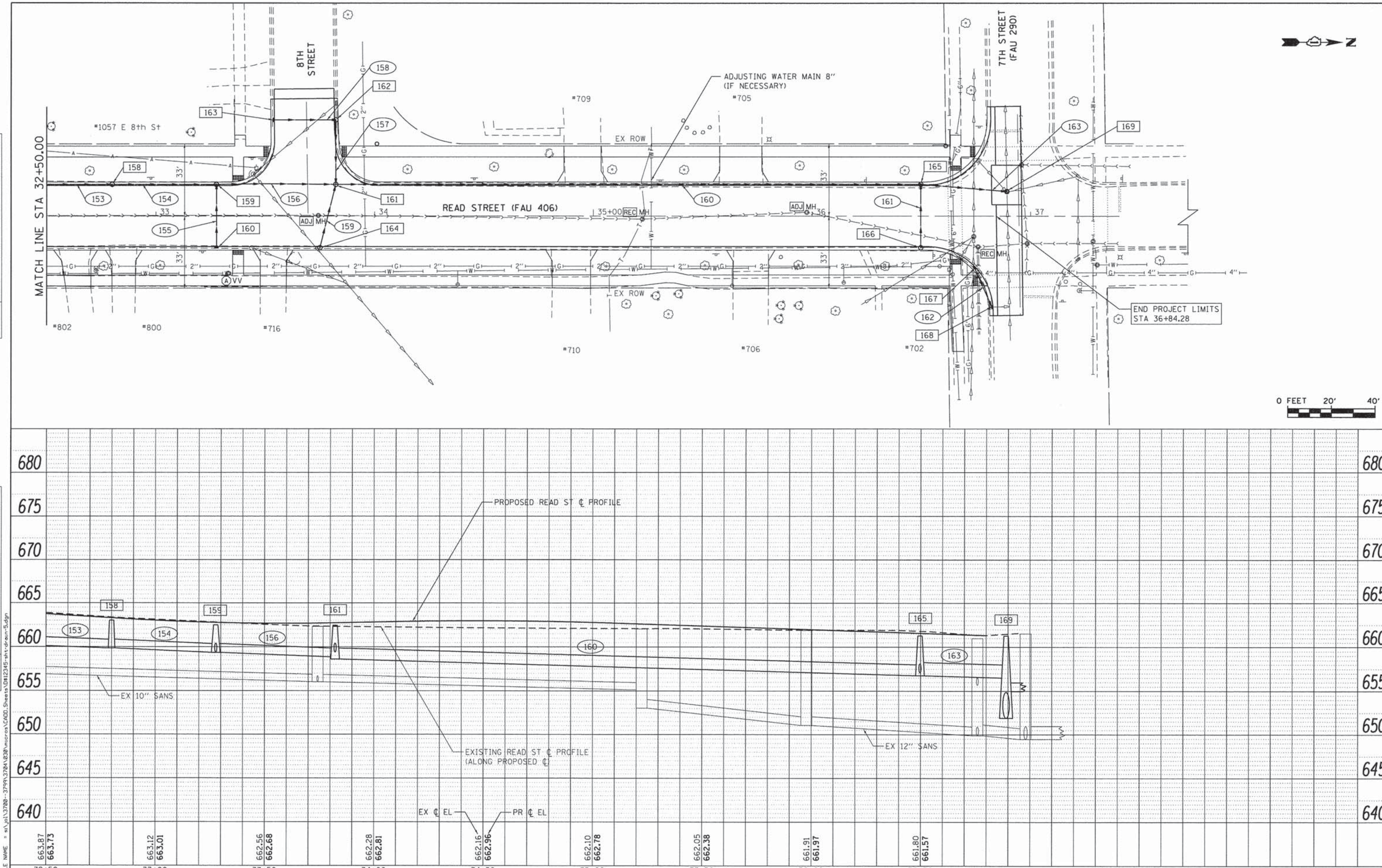
USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE
READ STREET

SCALE: 20-H 5-V | SHEET 4 OF 5 SHEETS | STA. 26+50.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	34
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		



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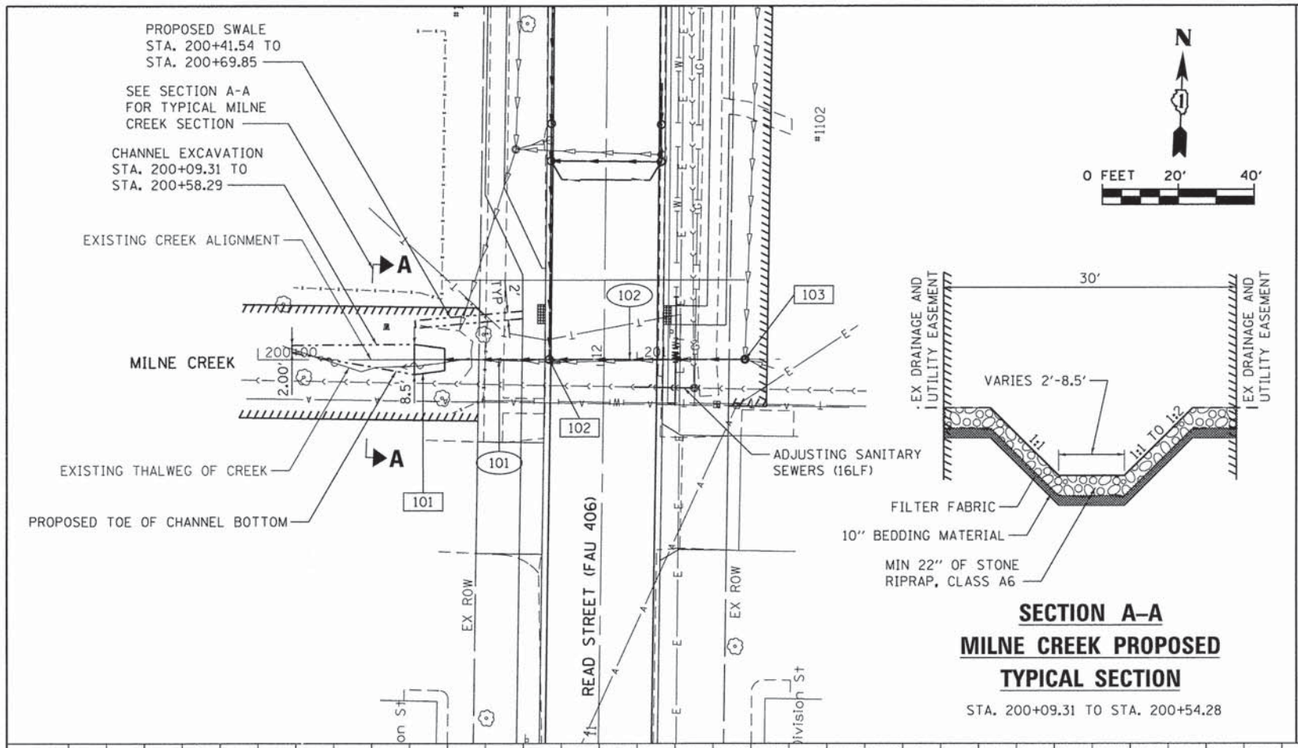
STRAND ASSOCIATES® 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MG	REVISED -
	MODEL NAME = Default	DRAWN - DW	REVISED -
	PLOT SCALE = 20.0000 '/ in.	CHECKED - BA	REVISED -
	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE
READ STREET

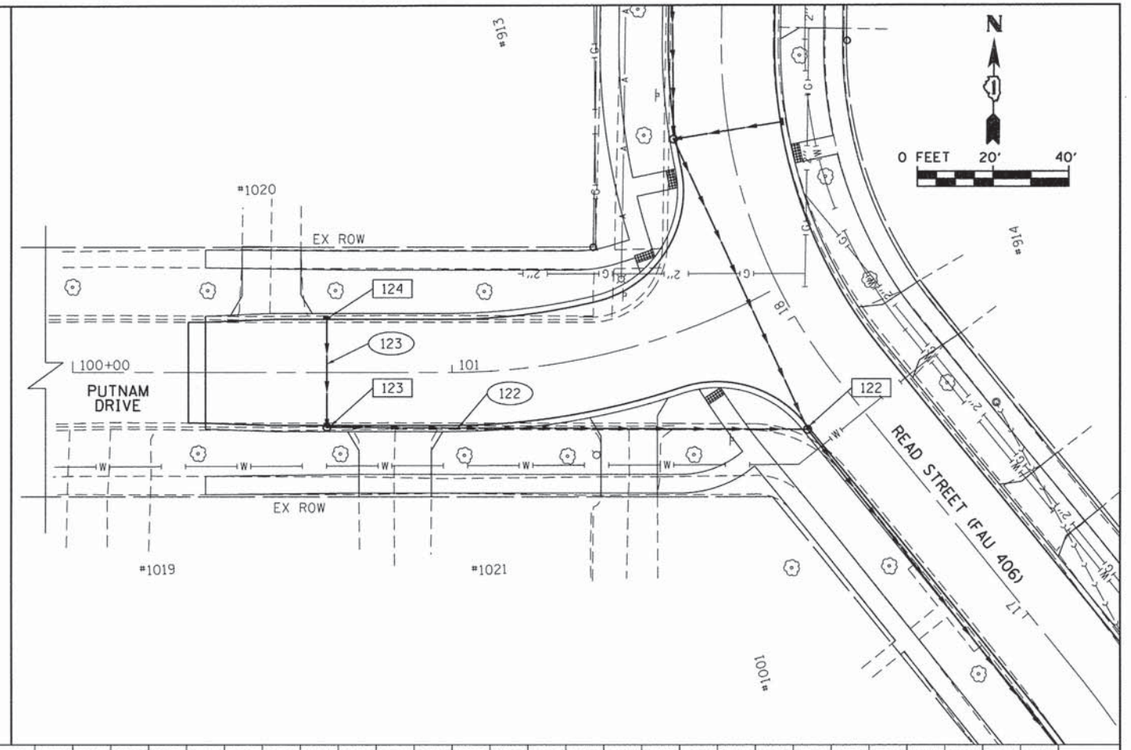
SCALE: 20-H 5-V | SHEET 5 OF 5 SHEETS | STA. 32+50.00 TO STA. 37+40.55

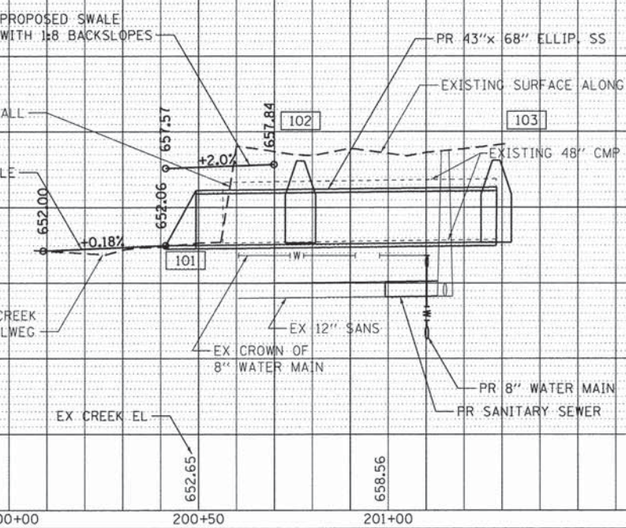
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	35
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

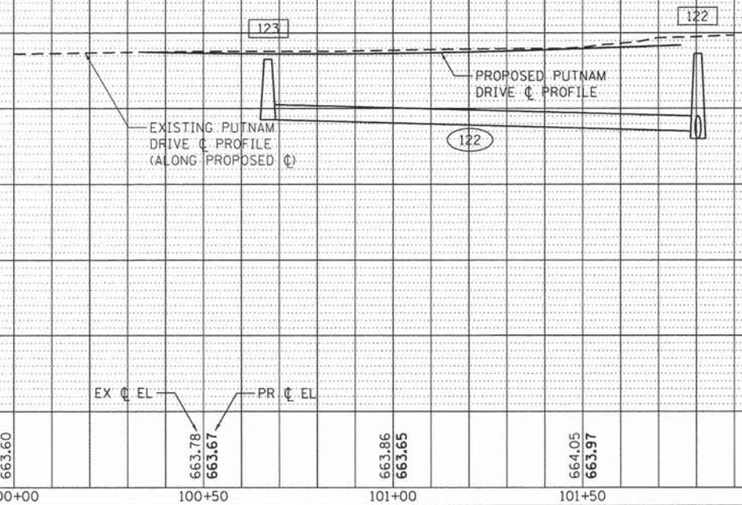


SECTION A–A
MILNE CREEK PROPOSED
TYPICAL SECTION

STA. 200+09.31 TO STA. 200+54.28







USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CREEK – DRAINAGE AND UTILITY PLAN AND PROFILE
PUTNAM DRIVE – DRAINAGE AND UTILITY PLAN AND PROFILE

SCALE: 20-H 5-V | SHEET 1 OF 1 SHEETS | STA. 10+00.00 TO STA. 14+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	36
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

PLAN: SURVEYED | DRAWN | PLOTTED | ALIGNMENT CHECKED | GRADES CHECKED | S.M. NOTED | STRUCTURE NOTATNS CHKD | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | DRAWN | PLOTTED | GRADES CHECKED | S.M. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

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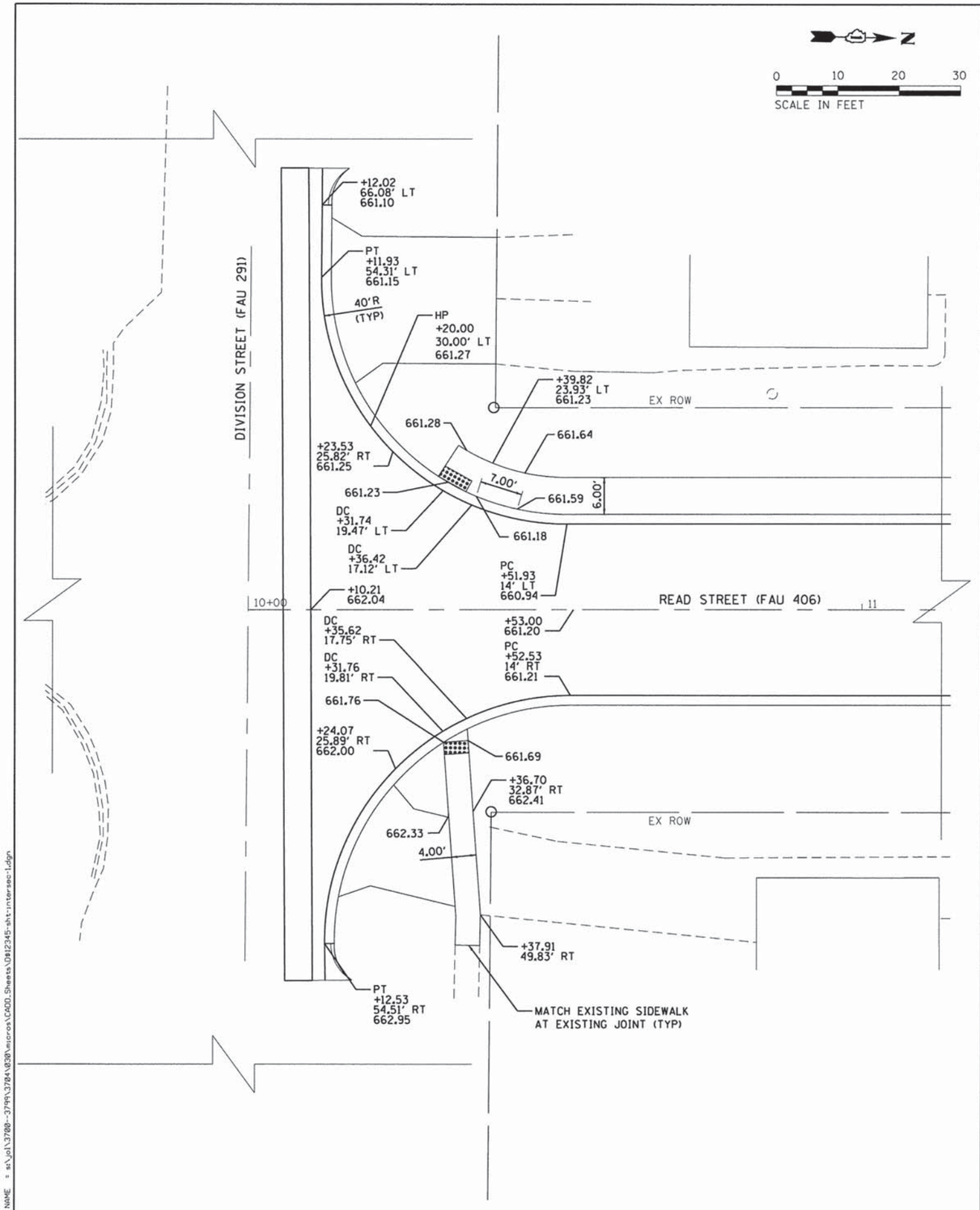

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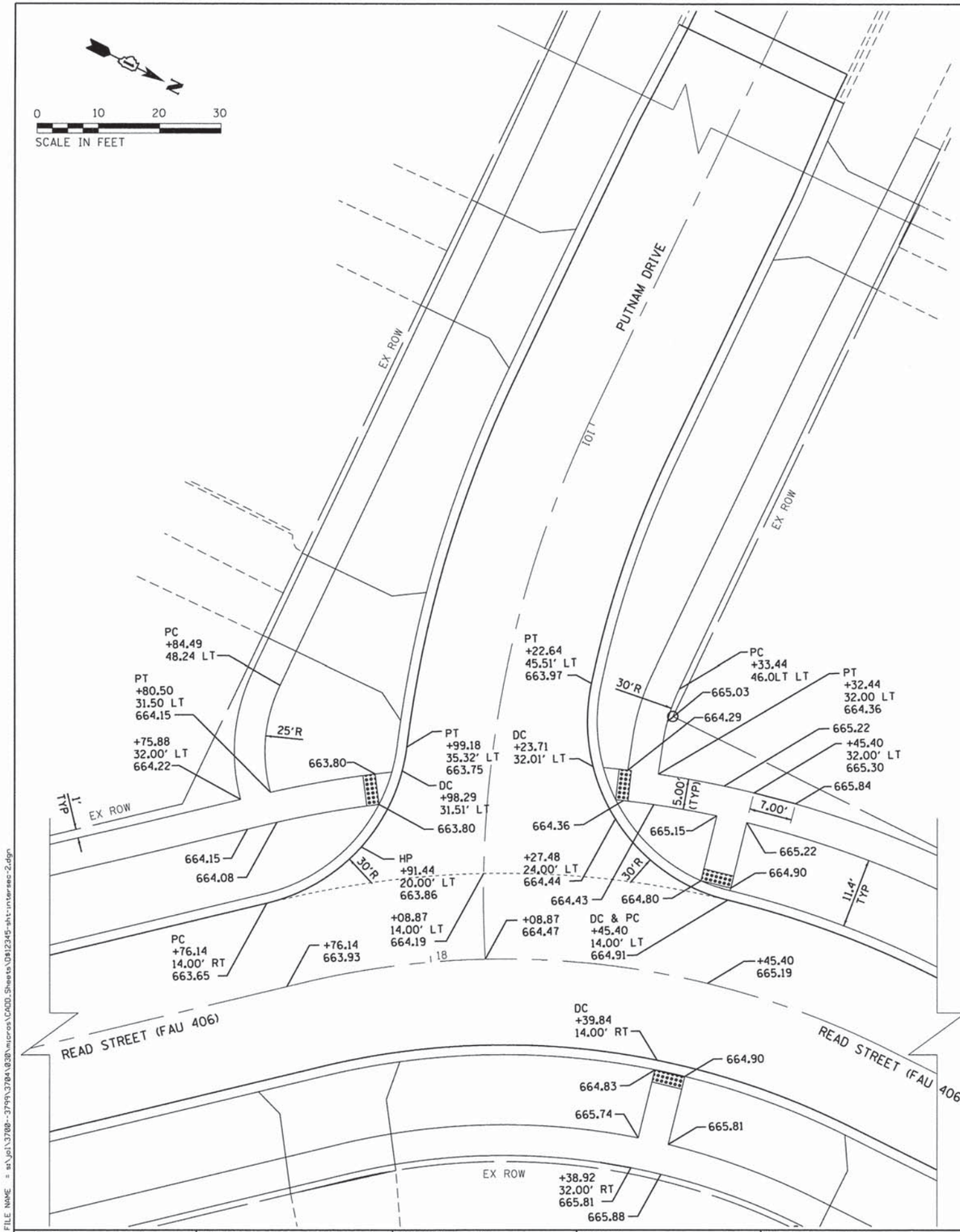
STRAND ASSOCIATES® 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MG	REVISED -	
	MODEL NAME = Default	DRAWN - DW	REVISED -	
	PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL SHEET

SCALE: 1" = 10' | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	37
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		



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PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

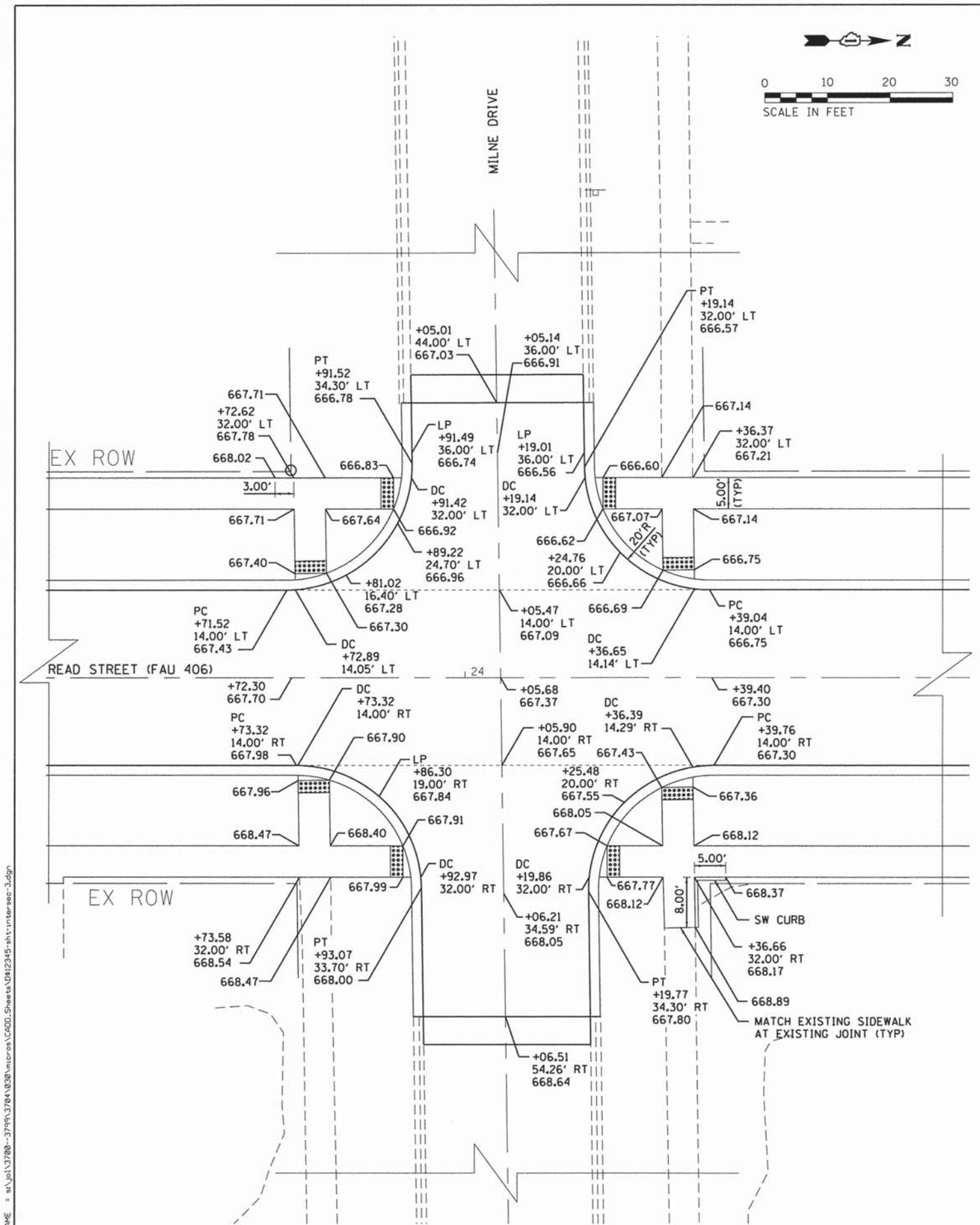
STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

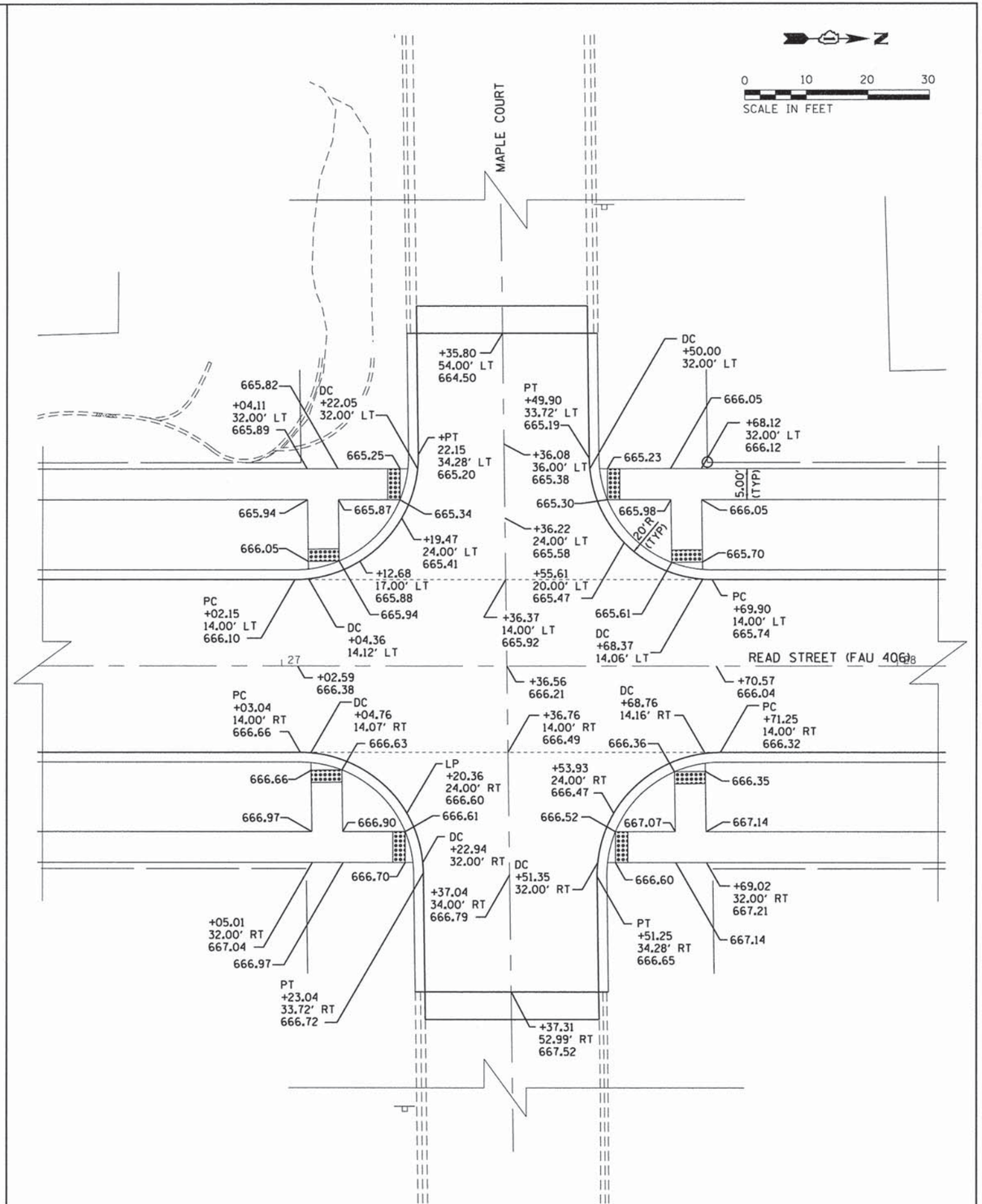
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL SHEET

SCALE: 1" = 10' | SHEET 2 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	38
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			





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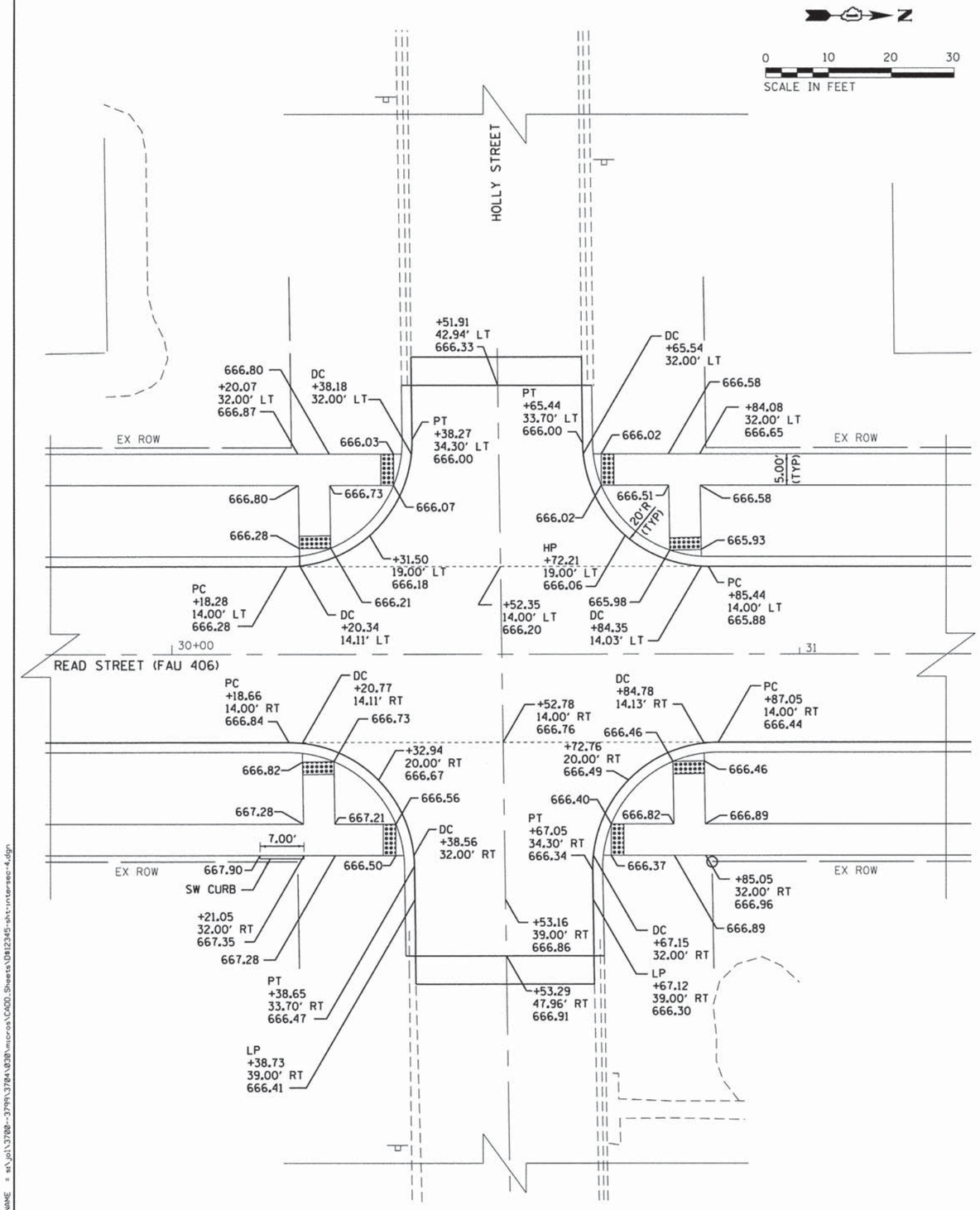
STRAND ASSOCIATES® 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MC	REVISED -
	MODEL NAME = Default	DRAWN - DW	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -
	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

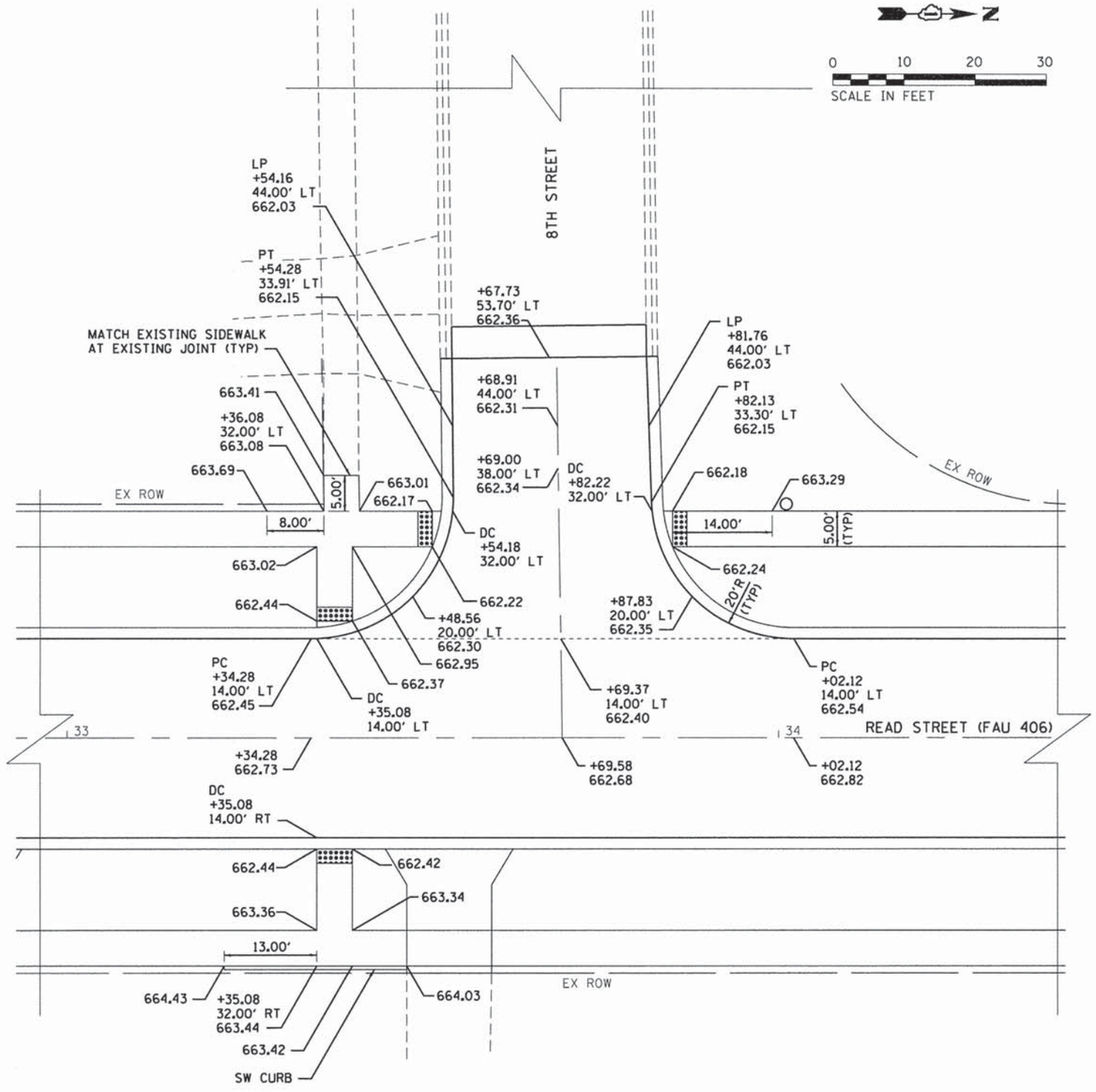
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL SHEET

SCALE: 1" = 10' | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	39
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			





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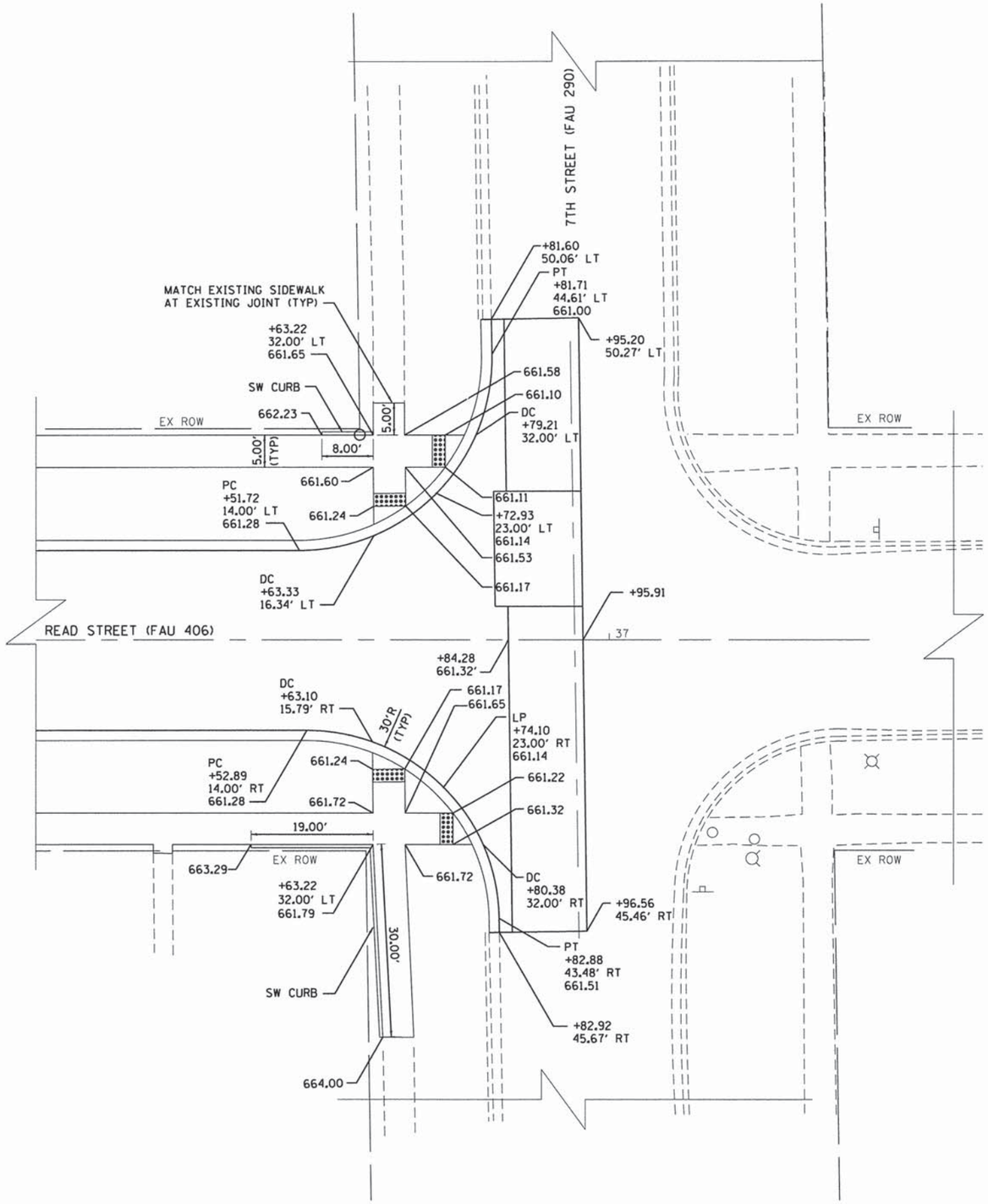
STRAND ASSOCIATES® 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL SHEET
	MODEL NAME = Default	DRAWN - DW	REVISED -		
	PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -		SCALE: 1" = 10' SHEET 4 OF 5 SHEETS STA. TO STA.
	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	40
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			



0 10 20 30
SCALE IN FEET

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SA STRAND ASSOCIATES® 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MG	REVISED -
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	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL SHEET

SCALE: 1" = 10' | SHEET 5 OF 5 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	41
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

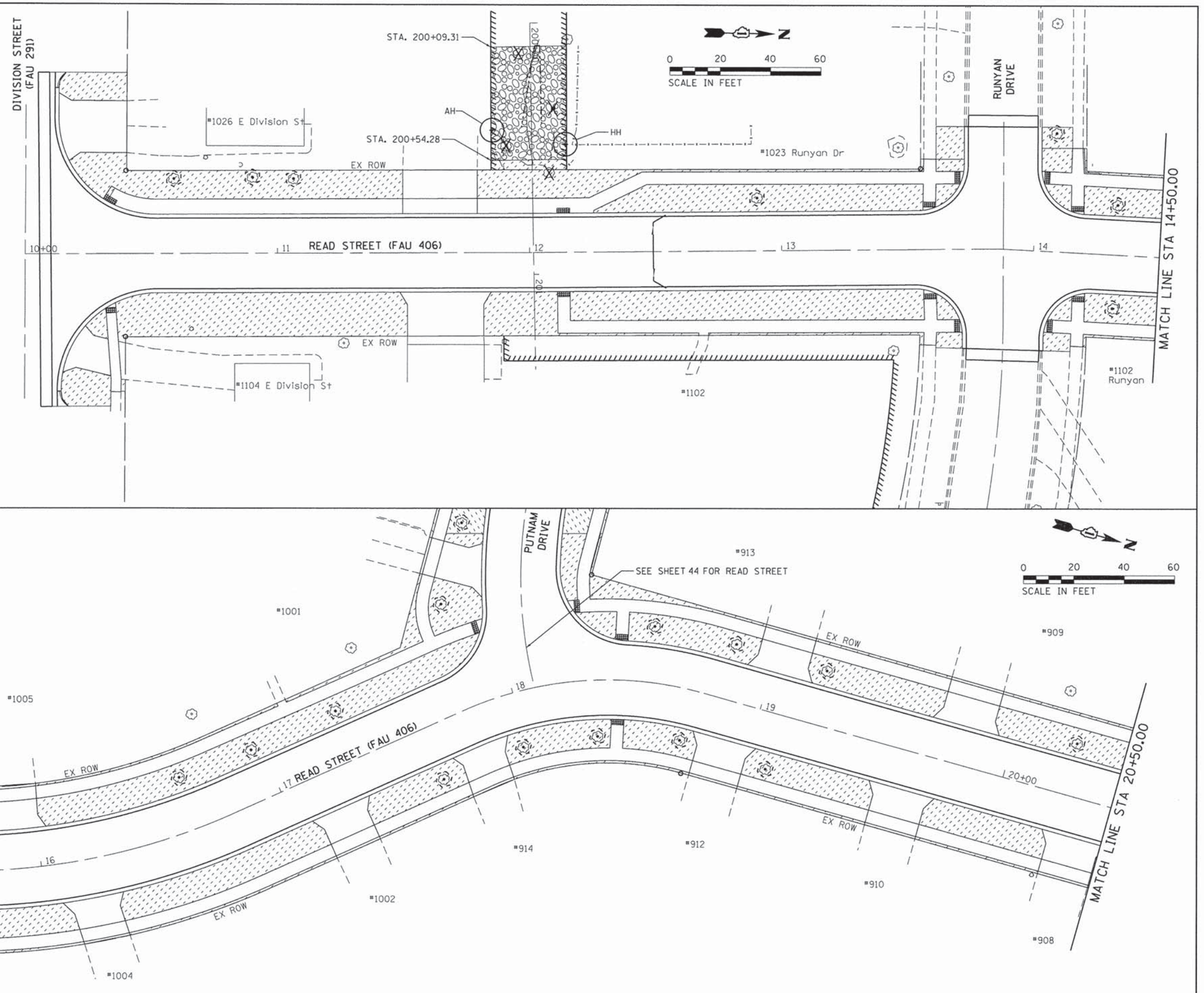
LEGEND

	SODDING, SALT TOLERANT (SPECIAL) TOPSOIL FURNISH AND PLACE, 4" NITROGEN FERTILIZER NUTRIENT PHOSPHORUS FERTILIZER NUTRIENT POTASSIUM FERTILIZER NUTRIENT
	TREE TRUNK PROTECTION
+	PROPOSED TREE
X	TREE OR SHRUB REMOVAL (SEE REMOVAL SHEETS)
	STONE RIPRAP, CLASS A6 WITH FILTER FABRIC

ABBREVIATIONS OF COMMON NAMES

TM (TARTARIAN MAPLE)
AH (AMERICAN HORNBEAM)
HH (HOPHORNBEAM)
RS (RED SUNSET MAPLE)
HB (COMMON HACKBERRY)
SH (SUNSET HONEYLOCUST)
GS (GREENSPIRE LINDEN)

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



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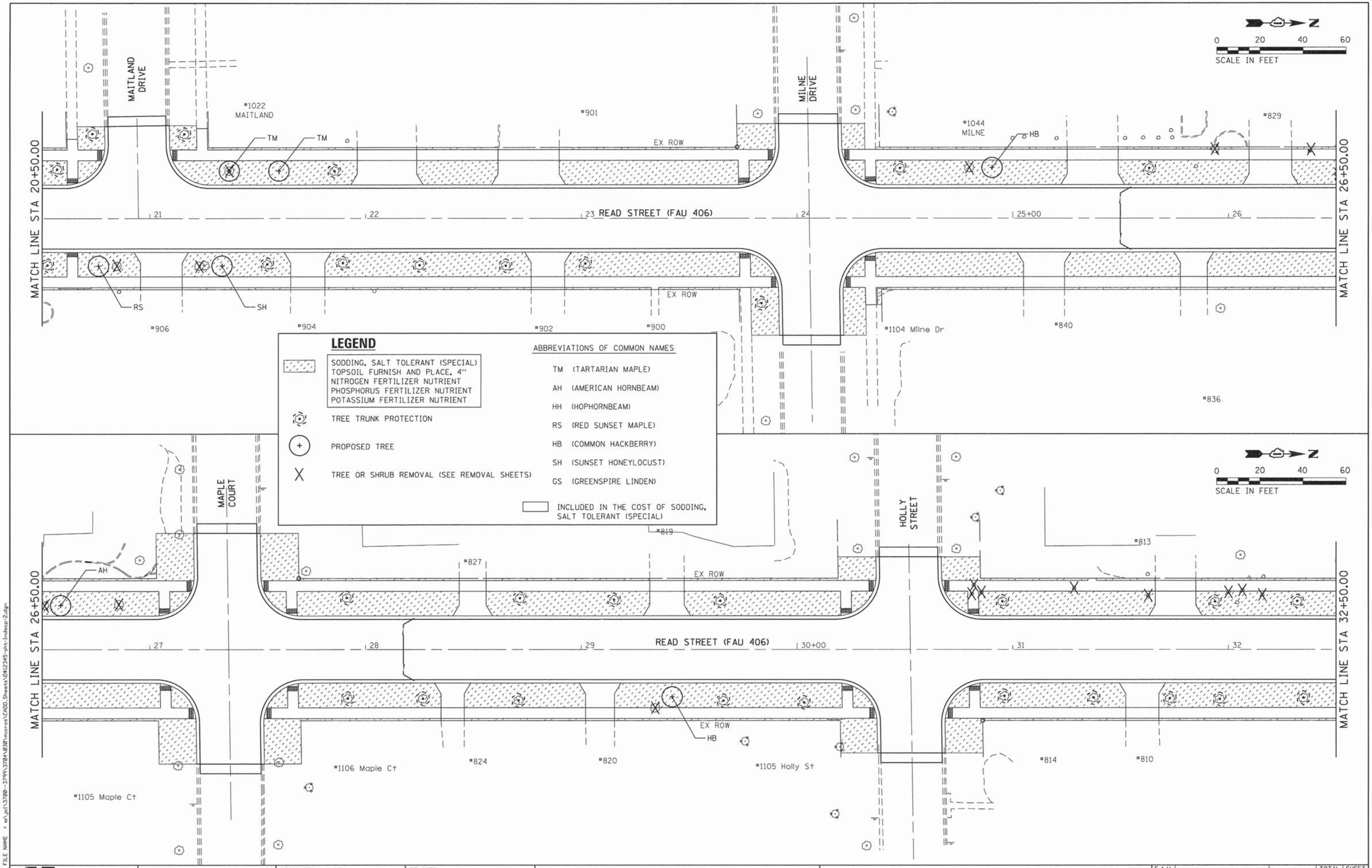
STRAND ASSOCIATES® 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MG	REVISED -
	MODEL NAME = Default	DRAWN - DW	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING & PERMANENET SEDIMENT & EROSION CONTROL PLAN
READ STREET

SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. 10+00.00 TO STA. 20+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	42
		CONTRACT NO. 61B61		
	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
X	TREE OR SHRUB REMOVAL (SEE REMOVAL SHEETS)

ABBREVIATIONS OF COMMON NAMES

TM	(TARTARIAN MAPLE)
AH	(AMERICAN HORNBEAM)
HH	(HOPHORNBEAM)
RS	(RED SUNSET MAPLE)
HB	(COMMON HACKBERRY)
SH	(SUNSET HONEYLOCUST)
GS	(GREENSPIRE LINDEN)

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

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

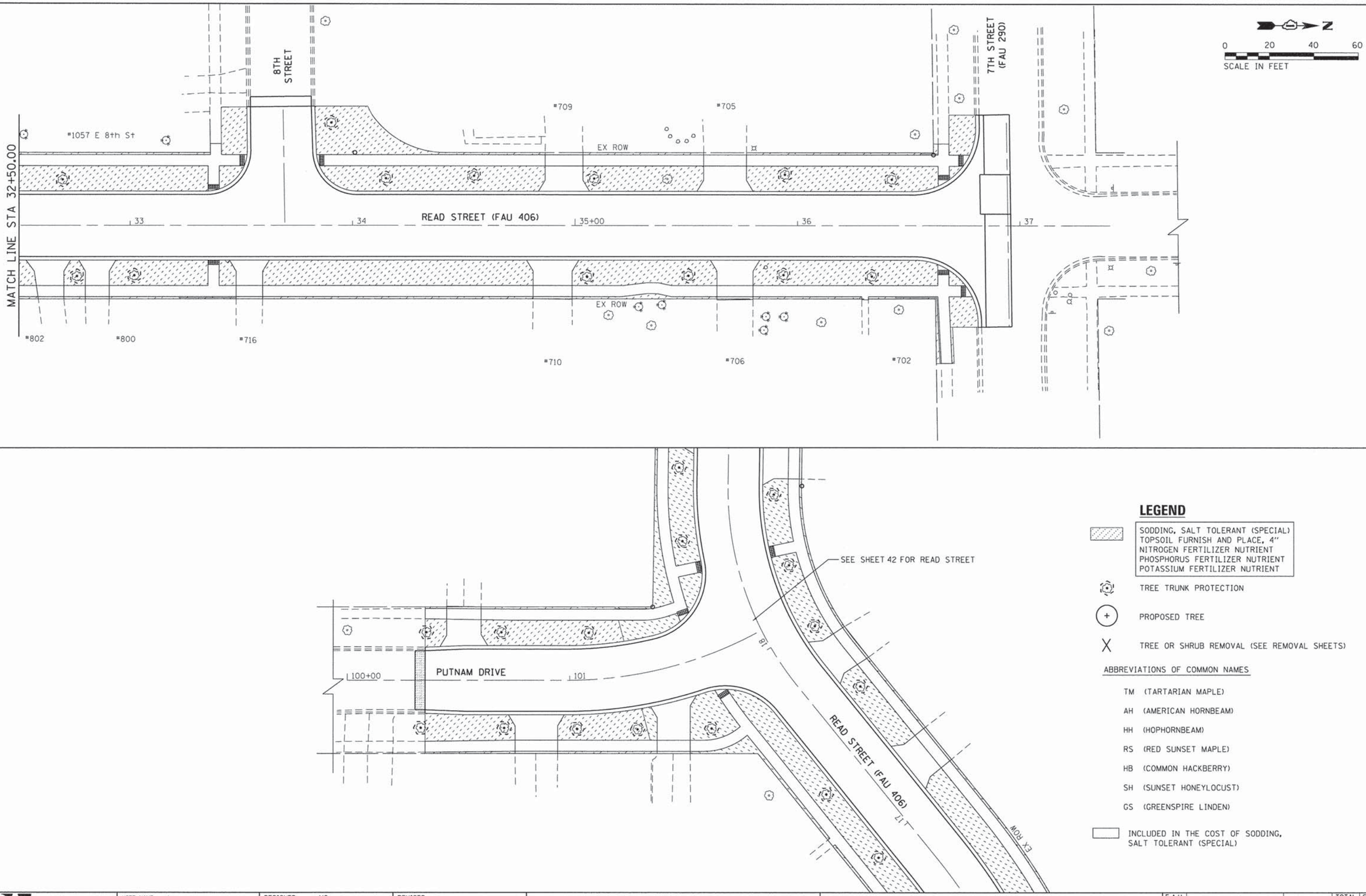
USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING & PERMANENET SEDIMENT & EROSION CONTROL PLAN
READ STREET

SCALE: 1" = 20' | SHEET 1 OF 3 SHEETS | STA. 20+50.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	43
		CONTRACT NO. 61B61		
		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

- TM (TARTARIAN MAPLE)
- AH (AMERICAN HORNBEAM)
- HH (HOPHORNBEAM)
- RS (RED SUNSET MAPLE)
- HB (COMMON HACKBERRY)
- SH (SUNSET HONEYLOCUST)
- GS (GREENSPIRE LINDEN)

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

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

USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING & PERMANENET SEDIMENT & EROSION CONTROL PLAN
READ STREET AND PUTNAM DRIVE

SCALE: 1" = 20' | SHEET 3 OF 3 SHEETS | STA. 32+50.00 TO STA. END

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	44
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

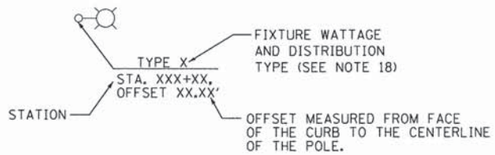
FILE NAME = s:\pl\3780--3799\3784\830\micros\C400_Sheets\D812345-sht-lndscp-3.dgn

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
(E)	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

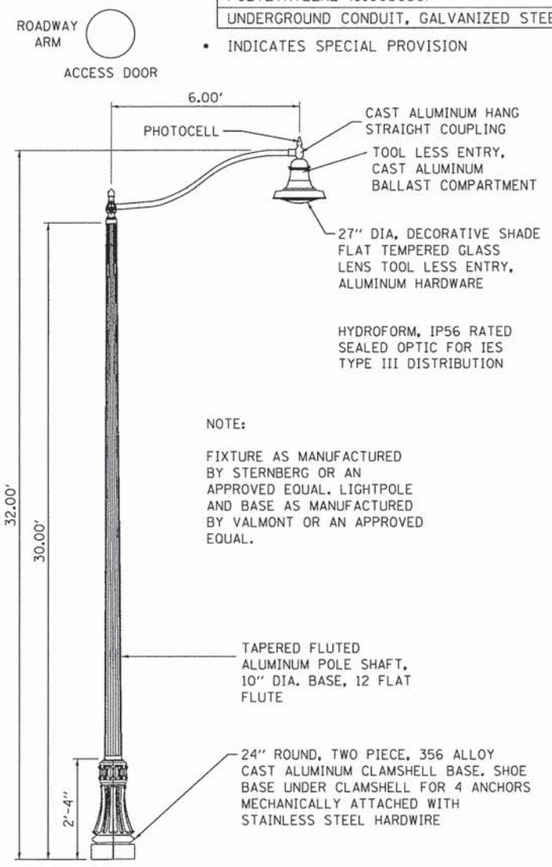
CALL-OUT SAMPLE

DEFINITION AND EXAMPLE



ITEM	UNIT	TOTAL QUANTITY
• ELECTRIC UTILITY SERVICE CONNECTION (80400200)	L SUM	1
LIGHT POLE FOUNDATION, 24" DIAMETER (83600200)	FOOT	146
LIGHT POLE, SPECIAL (X8300001)	EACH	16
• LUMINAIRE SAFETY CABLE ASSEMBLY (Z0033020)	EACH	16
• ORNAMENTAL LIGHT UNIT, COMPLETE (X0326654)	EACH	16
SERVICE INSTALLATION, TYPE B (80500200)	EACH	3
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA. (81028210)	FOOT	586
UNIT DUCT, 600V, 3-1/C NO.8, 1/C NO.10 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE (81603060)	FOOT	1133
UNIT DUCT, 600V, 3-1/C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE (81603050)	FOOT	2327
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA (81028240)	FOOT	106

• INDICATES SPECIAL PROVISION



NOTE:

FIXTURE AS MANUFACTURED BY STERNBERG OR AN APPROVED EQUAL. LIGHTPOLE AND BASE AS MANUFACTURED BY VALMONT OR AN APPROVED EQUAL.

ELECTRIC UTILITY SERVICE CONNECTIONS

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

DISTRIBUTION LABEL	DISTRIBUTION TYPE AND WATTAGE	QUANTITY
TYPE A	TYPE III, 100W HPS	12
TYPE B	TYPE II, 150W HPS	4

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	MESSENGER WIRE
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	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

1. 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.
2. ALL NEW CONDUITS, UNIT DUCTS AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL BE APPROVED BY THE ENGINEER.
3. 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.
4. 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 PRE CONSTRUCTION INSPECTION. THE EXACT LOCATION OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
5. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE OBSERVED AND APPROVED BY THE ENGINEER PRIOR TO CONCRETE POURING OR BACKFILLING, AS APPLICABLE.
6. 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.
7. 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.
8. 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.
9. 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 CITY OF LOCKPORT. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
10. 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 OBSERVED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
11. 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.
12. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUITS, FOUNDATIONS AND UNIT DUCTS WITH THE ROADWAY, DRAINAGE, CURB, AND SIDEWALK WORK AND UNDERGROUND UTILITIES.
13. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE BEEN CURED FOR 10 DAYS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
14. SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR ABOVE-GRADE WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
15. ALL MEASUREMENTS ARE APPOXIMATE. THE CONTRACTOR SHALL VERIFY MEASUREMENTS IN THE FIELD.
16. INSTALL ELECTRIC UTILITY SERVICES PER IDOT STANDARD DETAIL 805001-01, TYPE B
17. ALL EXISTING LIGHTING UNITS AND AERIAL CABLE WILL BE REMOVED BY ELECTRIC UTILITY, COORDINATE REMOVAL WITH ELECTRIC UTILITY.
18. PHOTOMETRIC DISTRIBUTIONS AND WATTAGES TO BE USED VARY DEPENDING ON LOCATION. LABELS SHOWN ON THE PLANS ARE BASED ON THE PHOTOMETRIC DISTRIBUTION AND WATTAGE TABLE.

INDEX OF DRAWINGS:

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

E1

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

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PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING
LEGEND, GENERAL NOTES AND INDEX OF DRAWINGS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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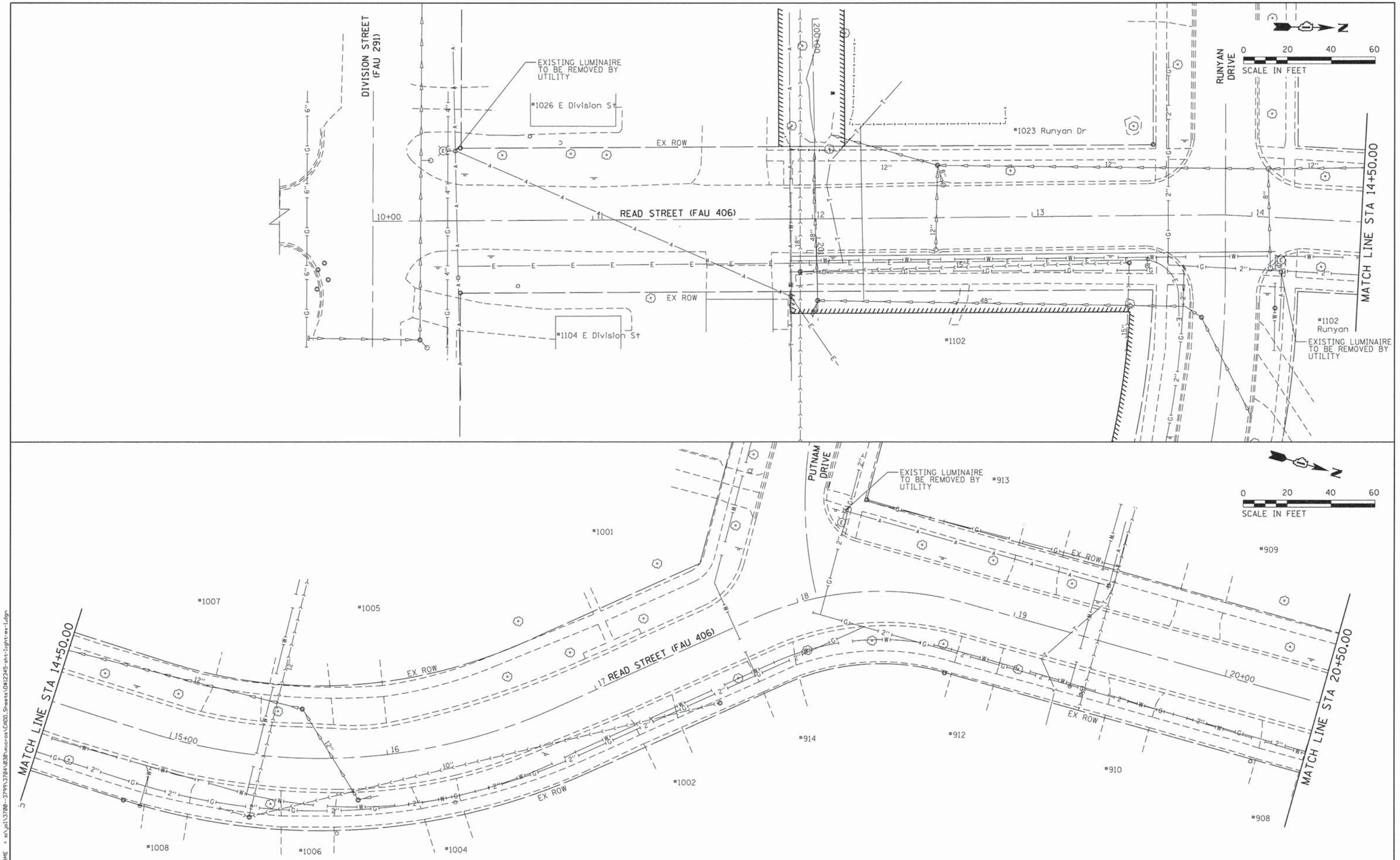
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			



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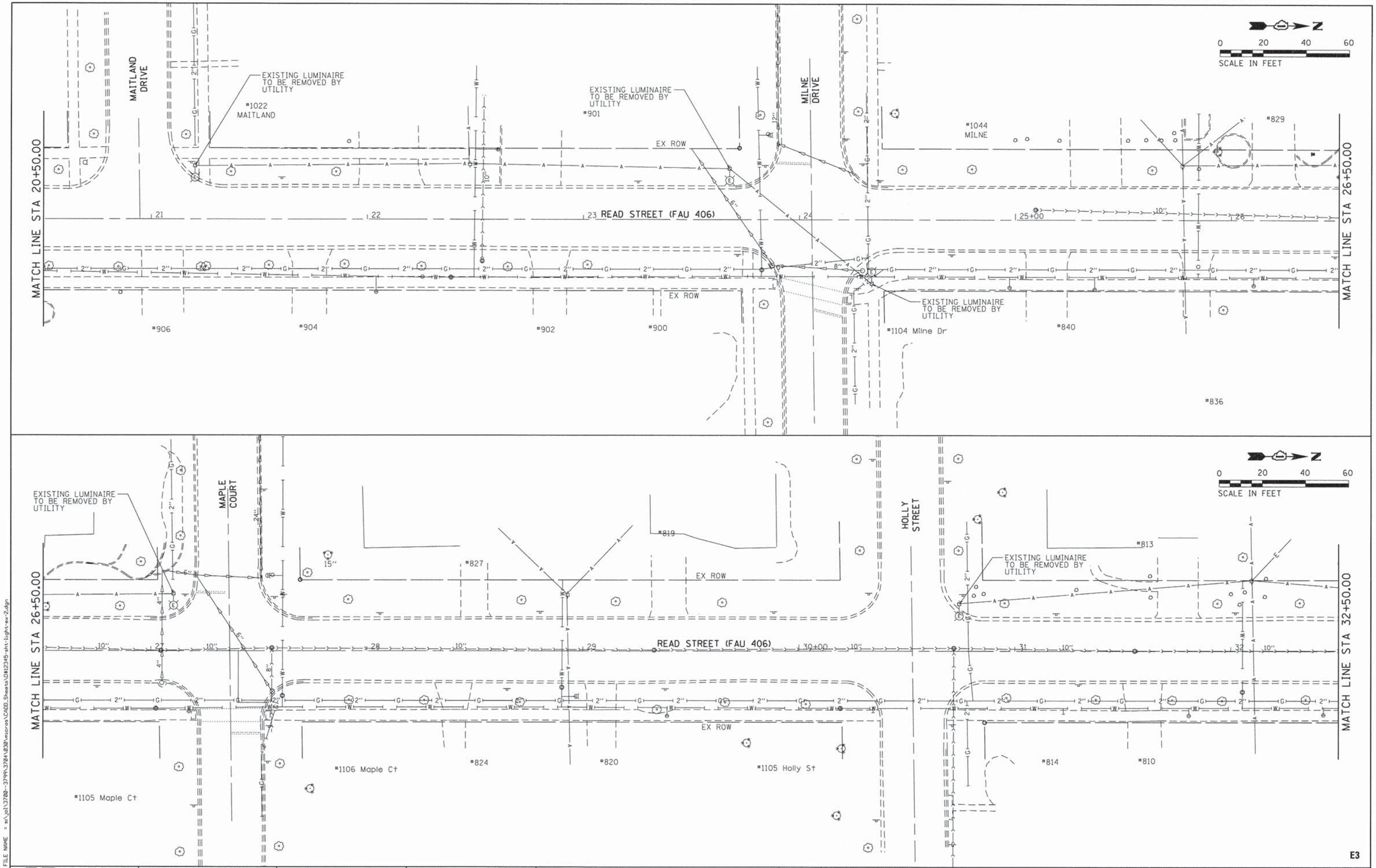
		ILLINOIS FED. AID PROJECT		



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PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING LIGHTING PLANS
READ STREET

SCALE: 1" = 20' | SHEET 3 OF 7 SHEETS | STA. 20+50.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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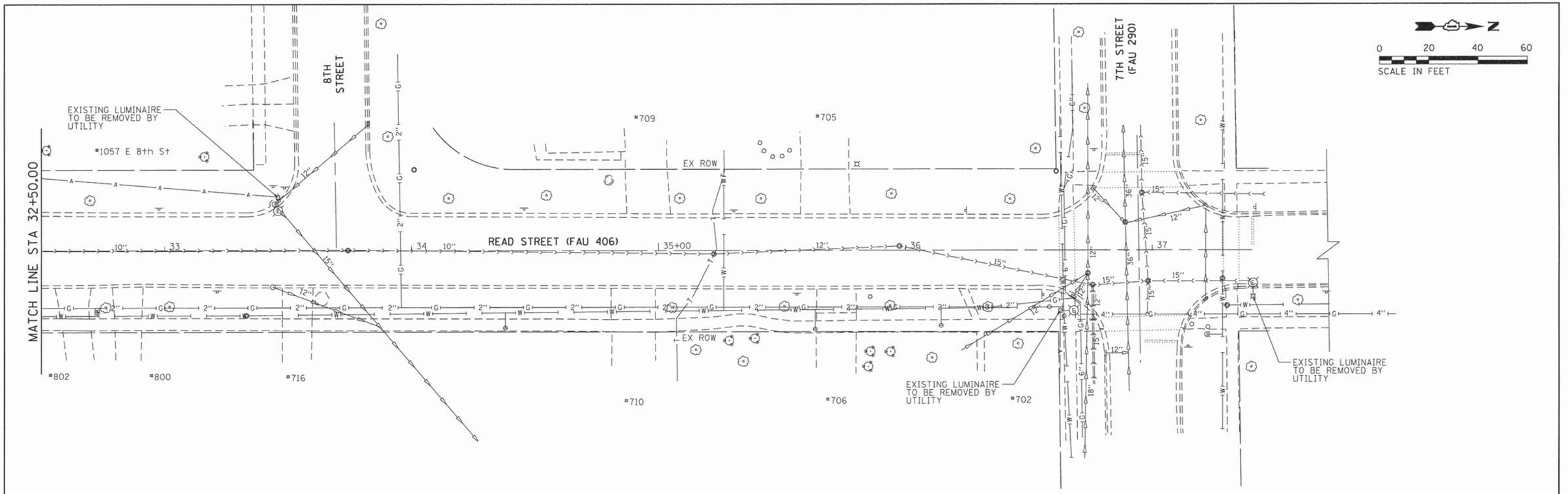
	ILLINOIS FED. AID PROJECT			



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PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING LIGHTING PLANS
READ STREET

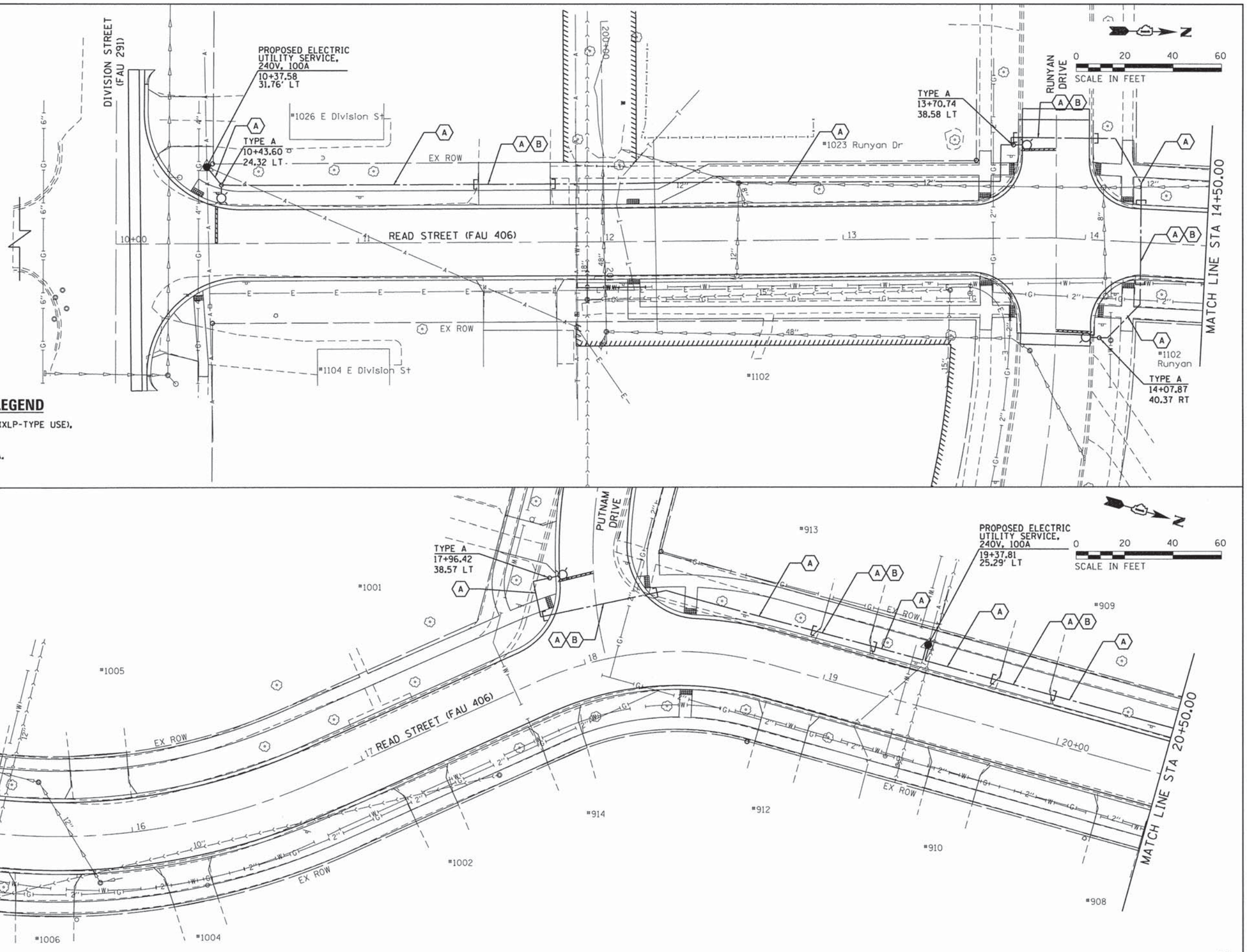
SCALE: 1" = 20' | SHEET 4 OF 7 SHEETS | STA. 32+50.00 TO STA. END

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	48
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

UNIT DUCT, CONDUIT, CABLE SYMBOL LEGEND

(A) UNIT DUCT, 600V, 3-1/C NO. 8, 1/C NO. 10 GROUND, (XLP-TYPE USE), 1" DIA POLYETHYLENE.

(B) UNDERGROUND CONDUIT, GALVANIZED STEEL, 2-½" DIA.



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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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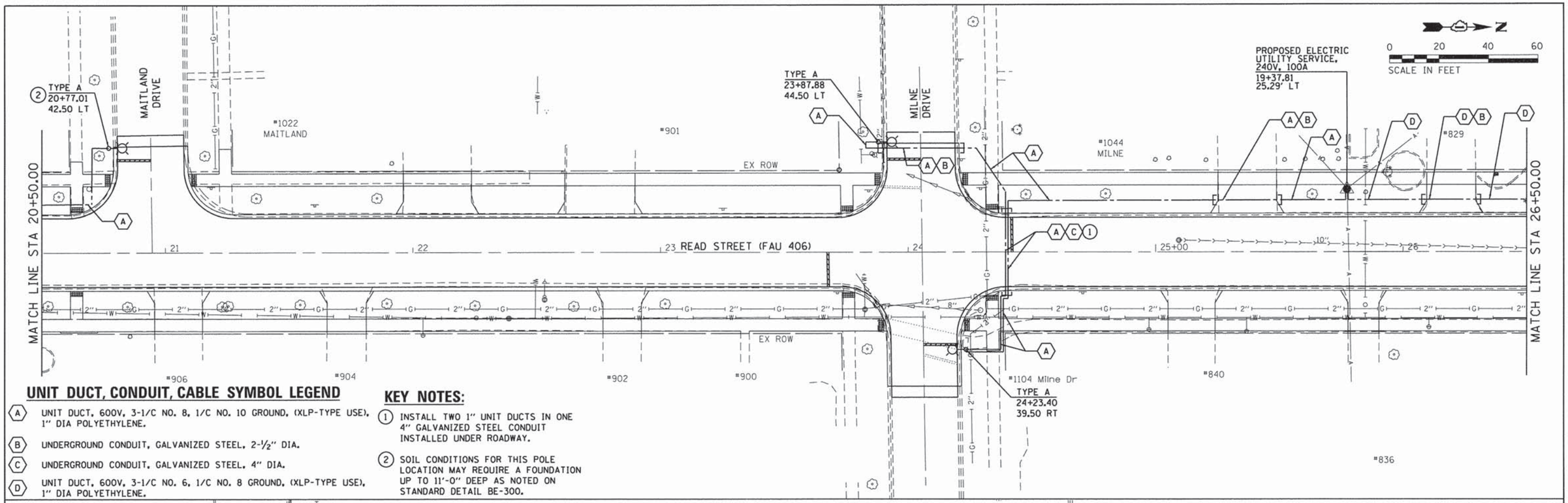
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		



UNIT DUCT, CONDUIT, CABLE SYMBOL LEGEND

(A) UNIT DUCT, 600V, 3-1/C NO. 8, 1/C NO. 10 GROUND, (XLP-TYPE USE), 1" DIA POLYETHYLENE.

(B) UNDERGROUND CONDUIT, GALVANIZED STEEL, 2-½" DIA.

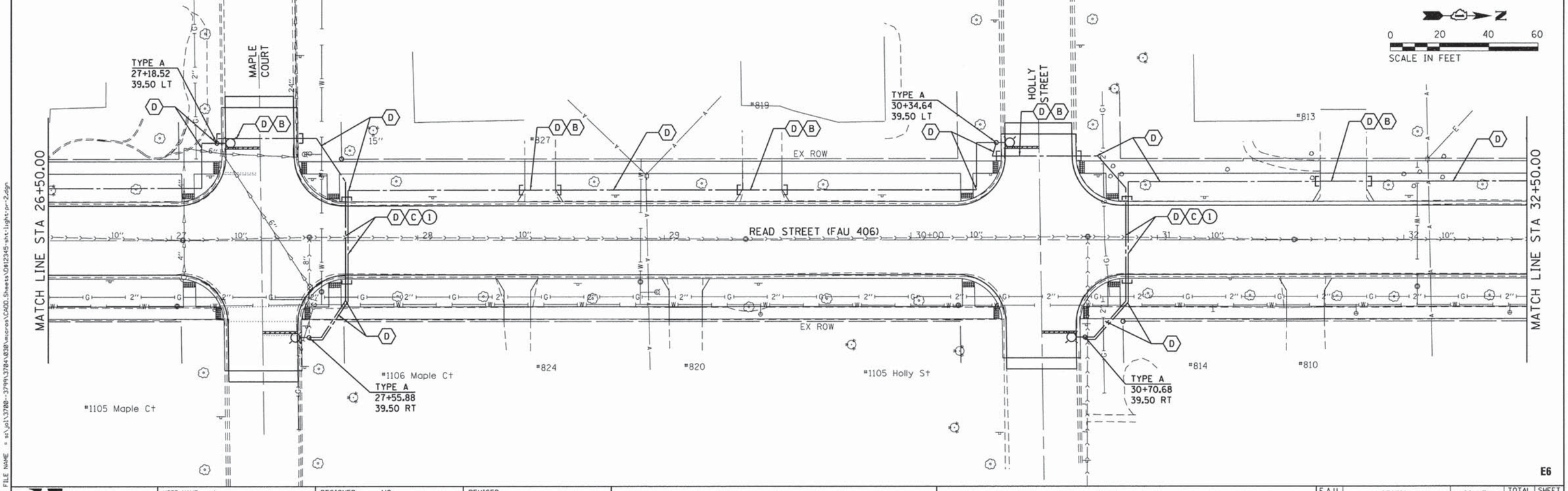
(C) UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.

(D) UNIT DUCT, 600V, 3-1/C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA POLYETHYLENE.

KEY NOTES:

(1) INSTALL TWO 1" UNIT DUCTS IN ONE 4" GALVANIZED STEEL CONDUIT INSTALLED UNDER ROADWAY.

(2) SOIL CONDITIONS FOR THIS POLE LOCATION MAY REQUIRE A FOUNDATION UP TO 11'-0" DEEP AS NOTED ON STANDARD DETAIL BE-300.



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	PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -		SCALE: 1" = 20' SHEET 6 OF 7 SHEETS STA. 20+50.00 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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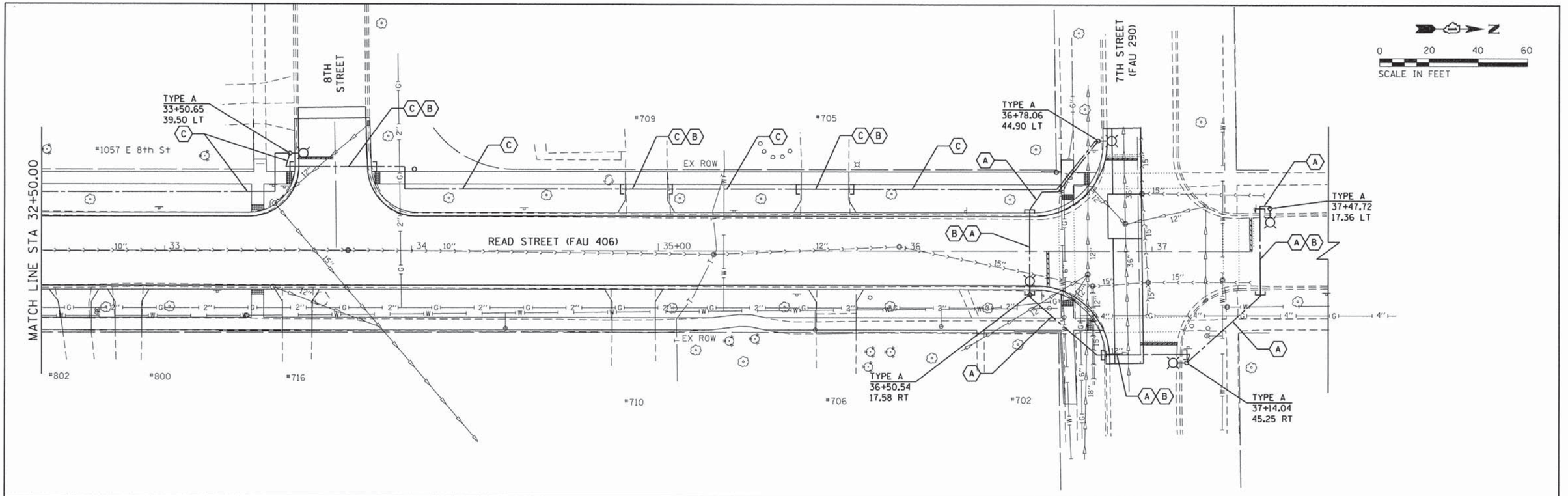
		ILLINOIS FED. AID PROJECT		



UNIT DUCT, CONDUIT, CABLE SYMBOL LEGEND

(A) UNIT DUCT, 600V, 3-1/C NO. 8, 1/C NO. 10 GROUND, (XLP-TYPE USE), 1" DIA POLYETHYLENE.

(B) UNDERGROUND CONDUIT, GALVANIZED STEEL, 2-½" DIA.

(C) UNIT DUCT, 600V, 3-1/C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA POLYETHYLENE.

E7

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLANS
READ STREET

SCALE: 1" = 20' | SHEET 7 OF 7 SHEETS | STA. 32+50.00 TO STA. END

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 61B61		
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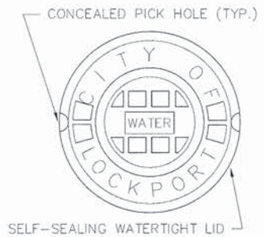
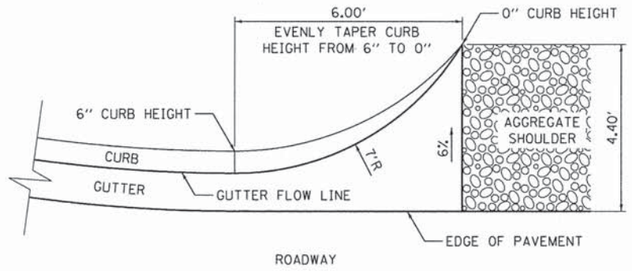


CITY OF LOCKPORT MANHOLE LID DETAIL

(NOT TO SCALE)



TRANSITION FROM AN AGGREGATE SHOULDER TO B-6.12 CURB AND GUTTER

(NOT TO SCALE)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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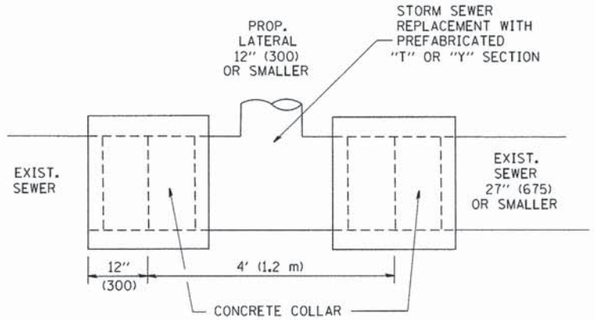
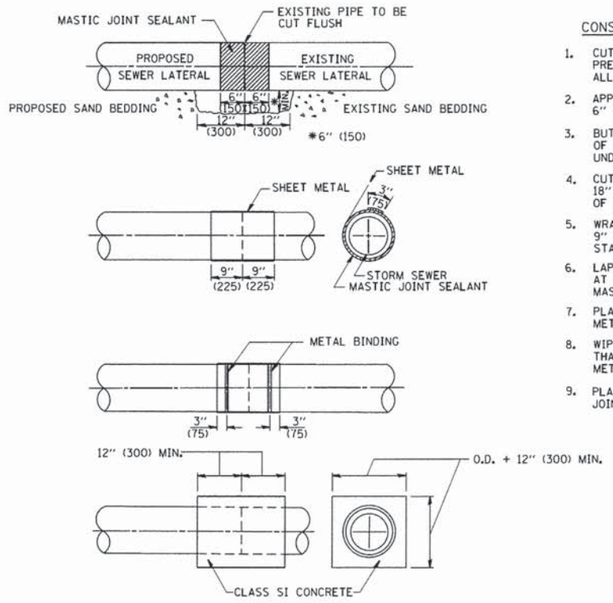


DETAIL "A"

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

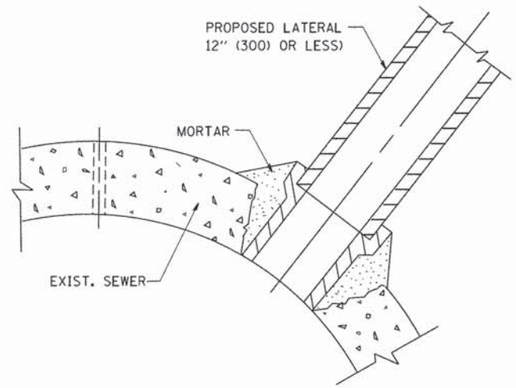


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

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

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".

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 PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

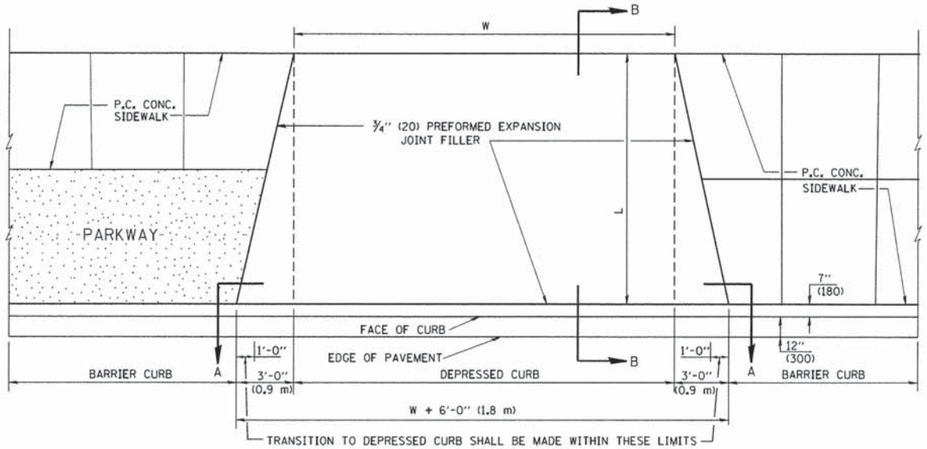
FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92
		DRAWN -	REVISED - R. SHAH 09-09-94
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94
	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

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

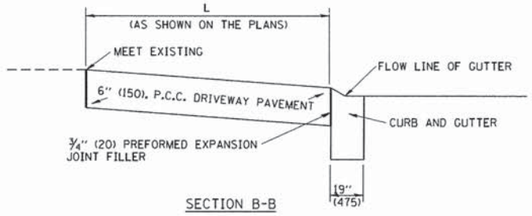
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	53
	BD500-01 (BD-7)	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



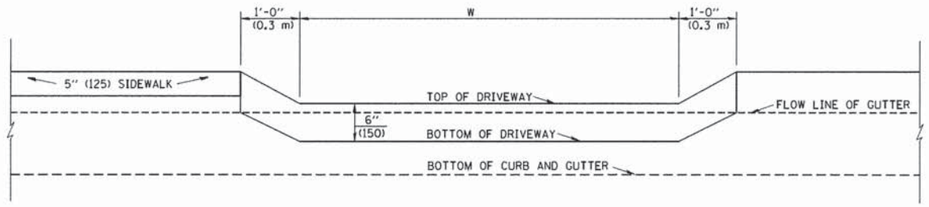
PLAN VIEW

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 4 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. ¾" (20) PREFORMED EXPANSION JOINTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO P.C.C. DRIVEWAY PAVEMENT 6" (150).
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.

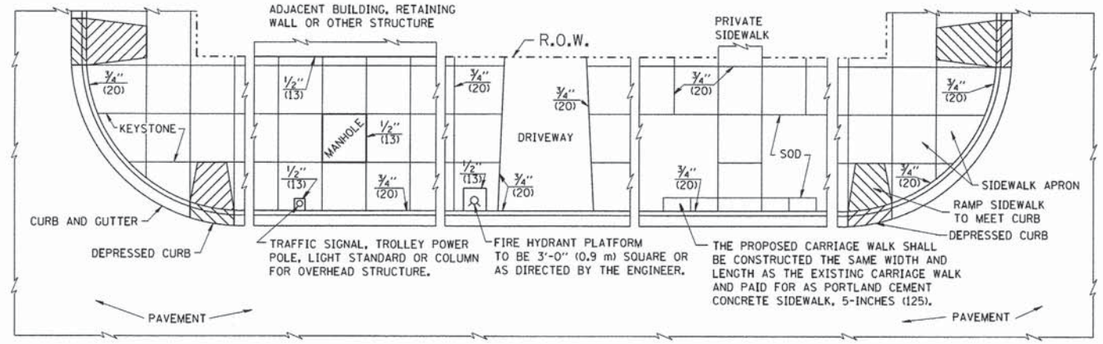


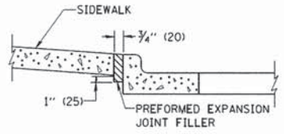
SECTION B-B



SECTION A-A

P.C.C. DRIVEWAY PAVEMENT DETAIL





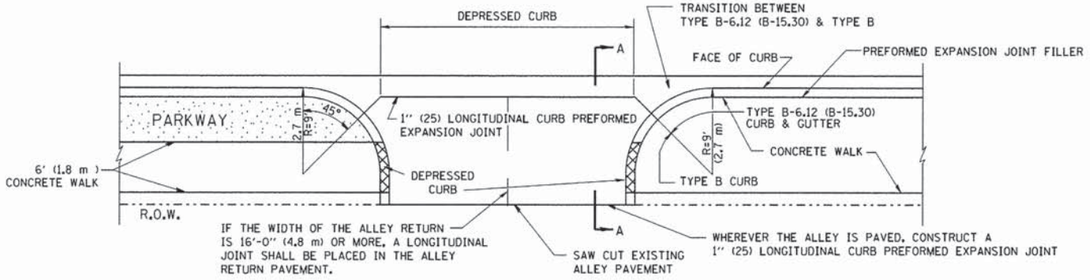
SLOPE FOR SIDEWALK
1" (25) IN 3'-0" (0.9 m) IN CHICAGO

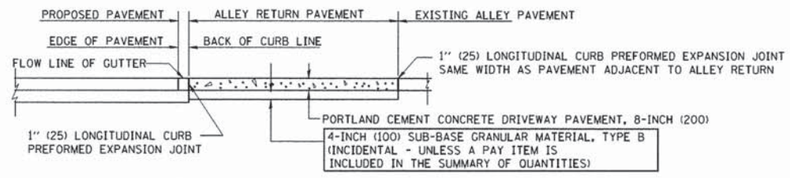
NOTES:

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. ¾" (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

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





SECTION A-A

ALLEY RETURN DETAIL

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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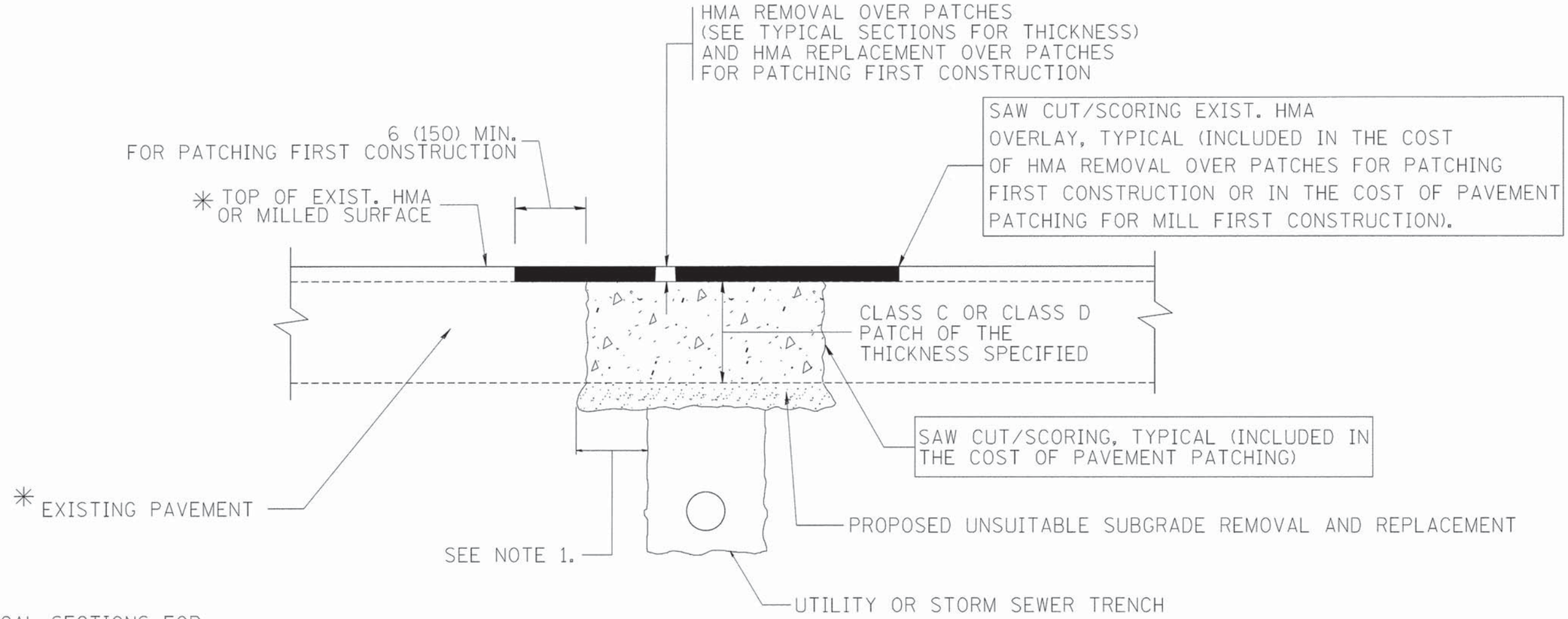
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	54
	BD400-03 (BD-17)	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST $4\frac{1}{2}$ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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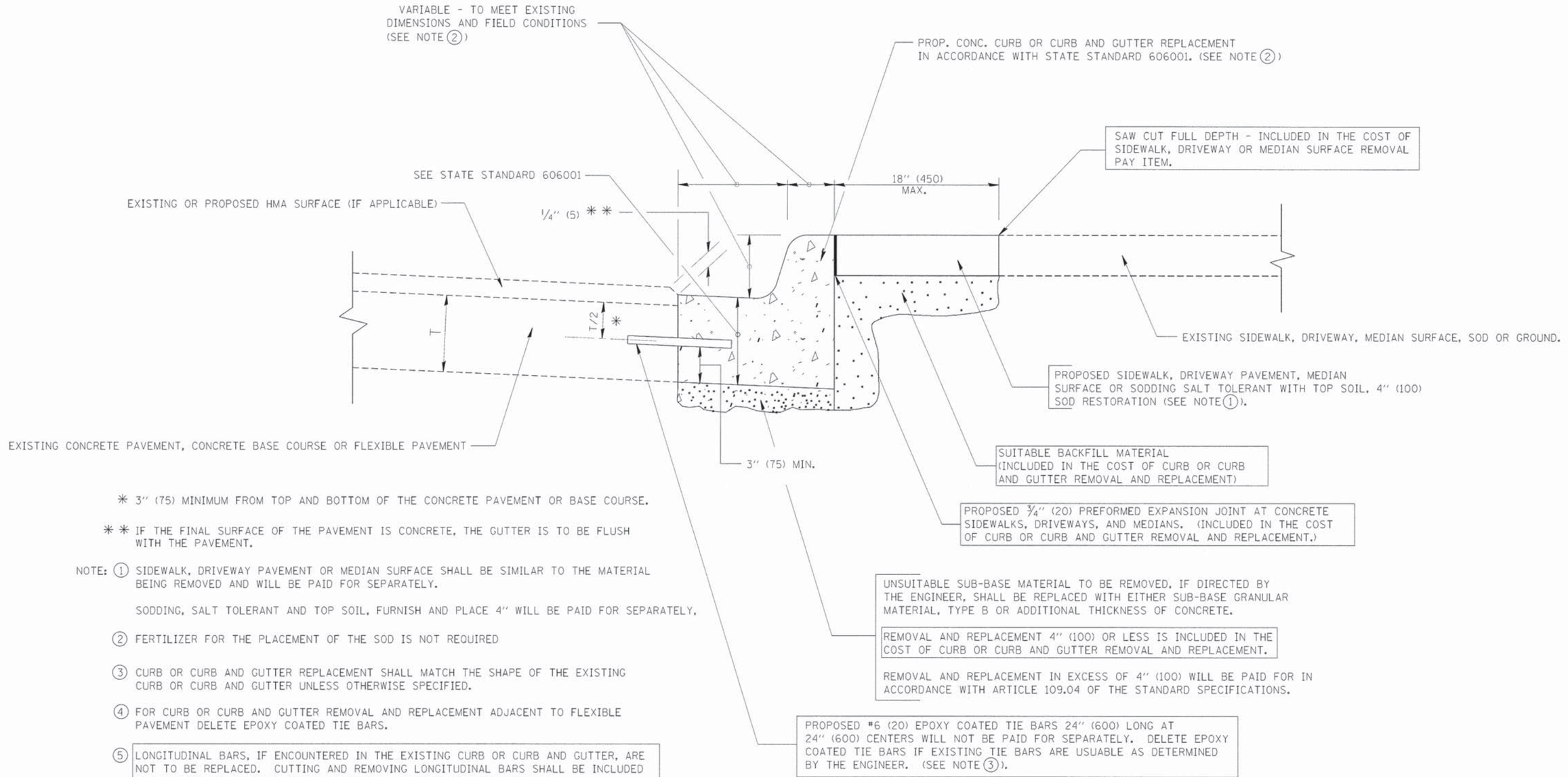
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	55
	BD400-04 (BD-22)	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



* 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.

~~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".~~

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

F.A.L.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	56
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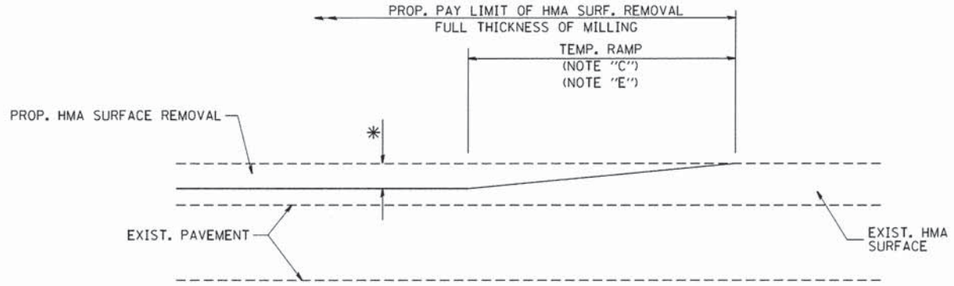
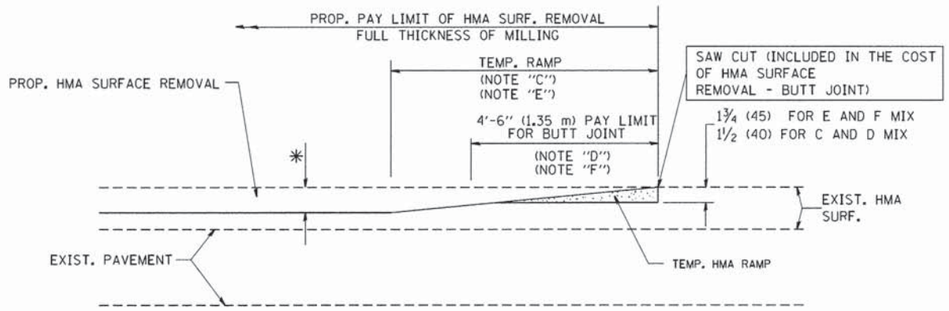
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

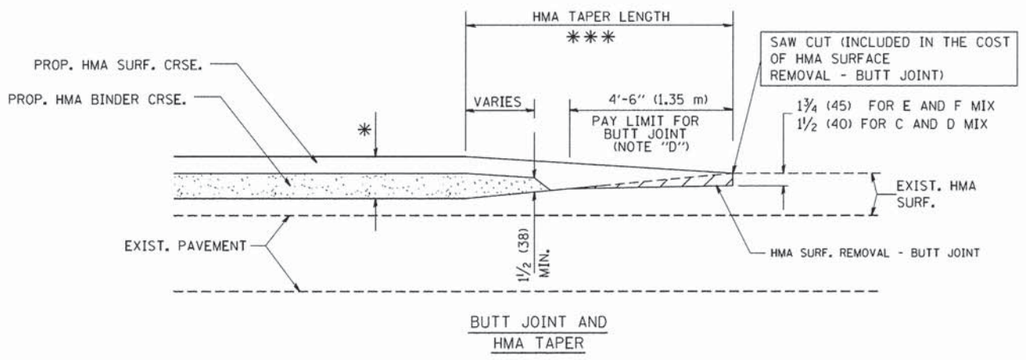


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

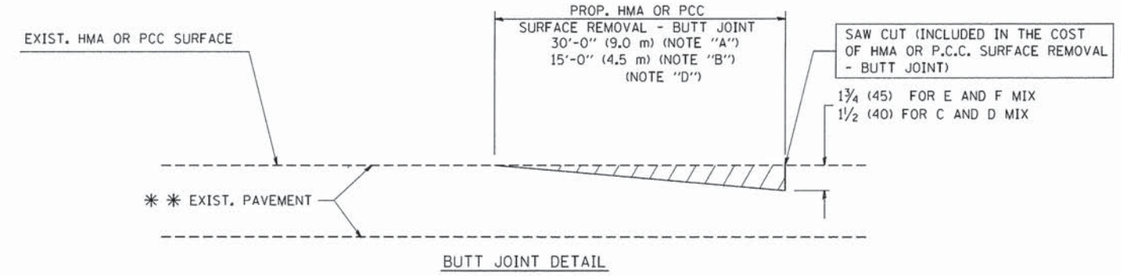
OPTION 2

TYPICAL TEMPORARY RAMP

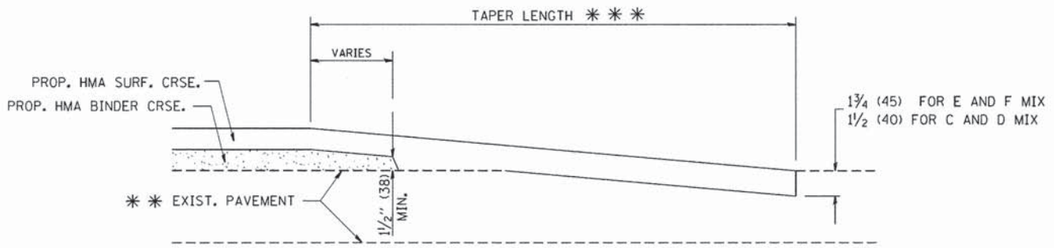


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER 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 = W:\diststd\22x34\bd32.dgn	USER NAME = gaglsenobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

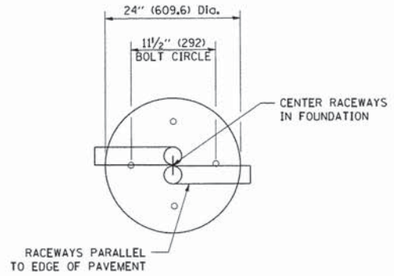
BUTT JOINT AND HMA TAPER DETAILS

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

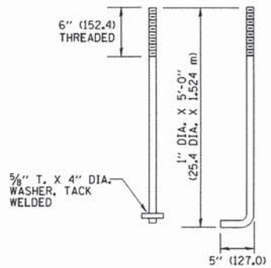
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	57
	BD400-05 BD32	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

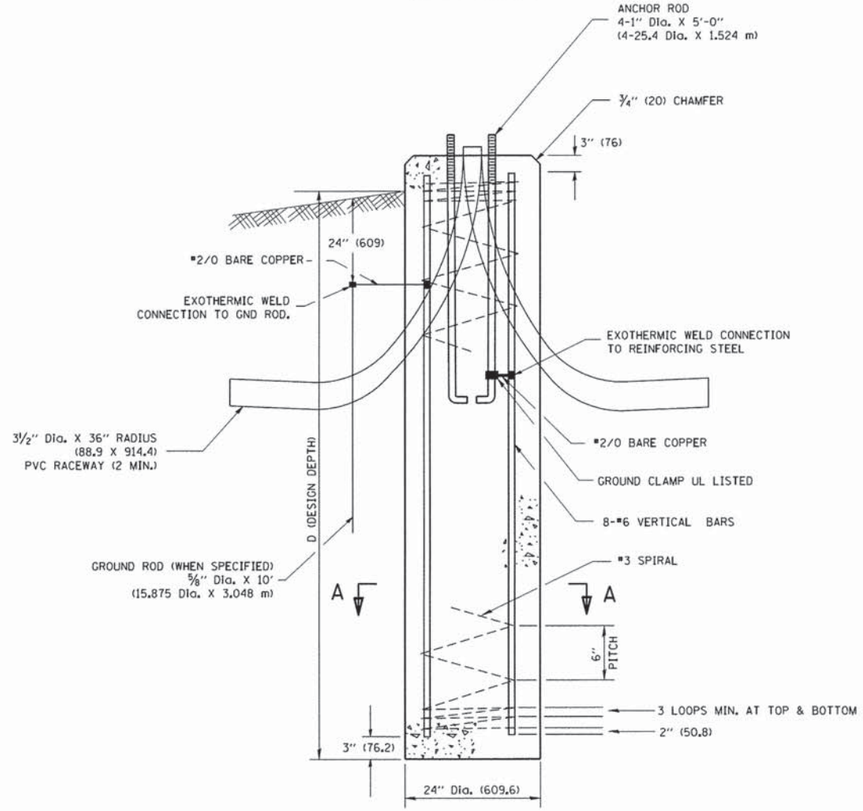
SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND Ø = 34°	9'-6" (2.90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



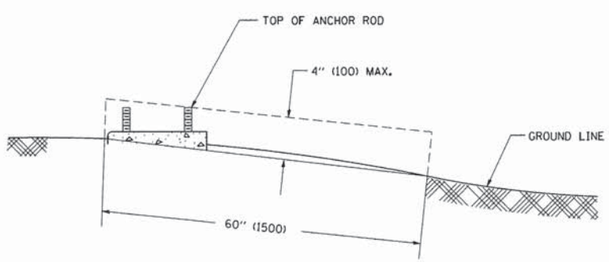
TOP VIEW



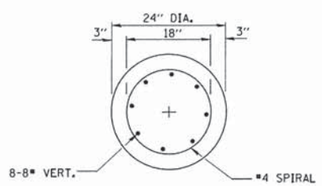
ANCHOR BOLT DETAIL



FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IN PLACED.
3. 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.
4. 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.
5. 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 ¾-IN. (20 mm).
6. THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
7. 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.
8. 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.
9. 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.
10. 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.
11. ANCHOR RODS SHALL PROJECT 2¾" (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.
12. 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.
13. THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
14. THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

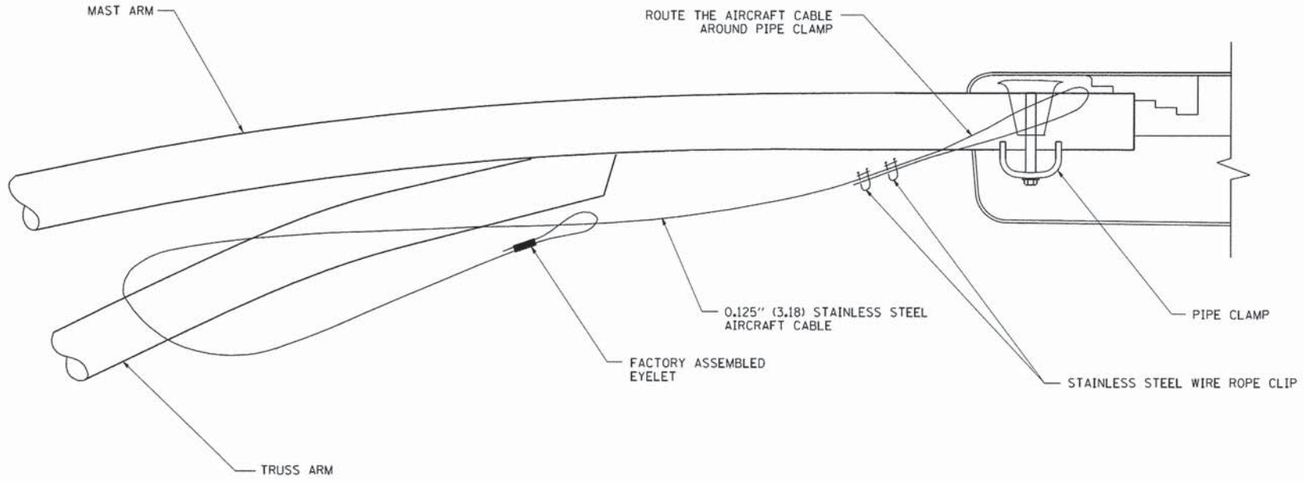
FILE NAME = W:\diststd\22x34\be300.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION
30' (9.144 m) TO 35' (10.668 m) M.H. 11 1/2" (292 mm) BOLT CIRCLE

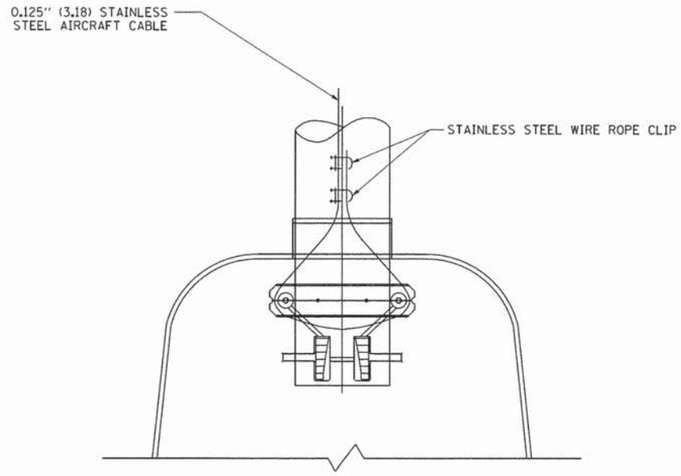
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	58
	BE-300	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



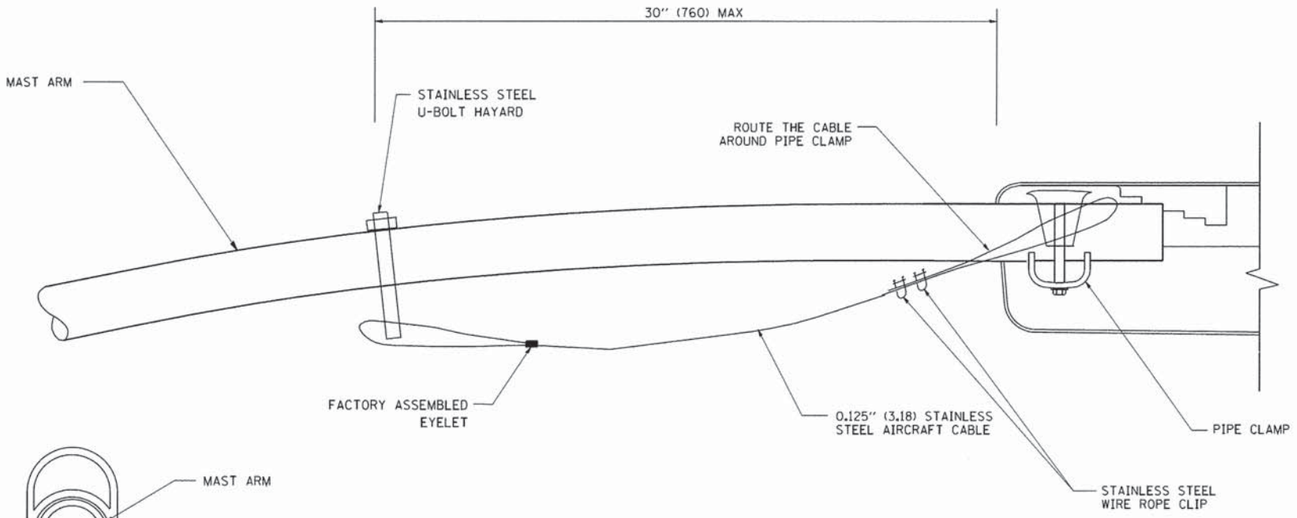
SIDE VIEW (TRUSS ARM)

N.T.S.



BOTTOM VIEW

N.T.S.



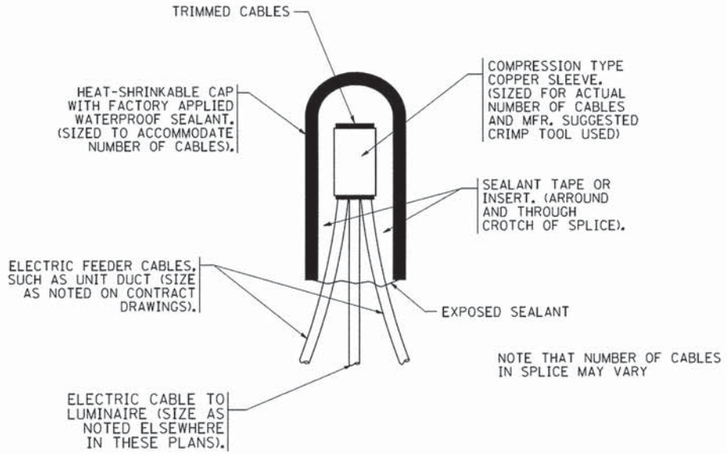
SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)

N.T.S.

NOTES:

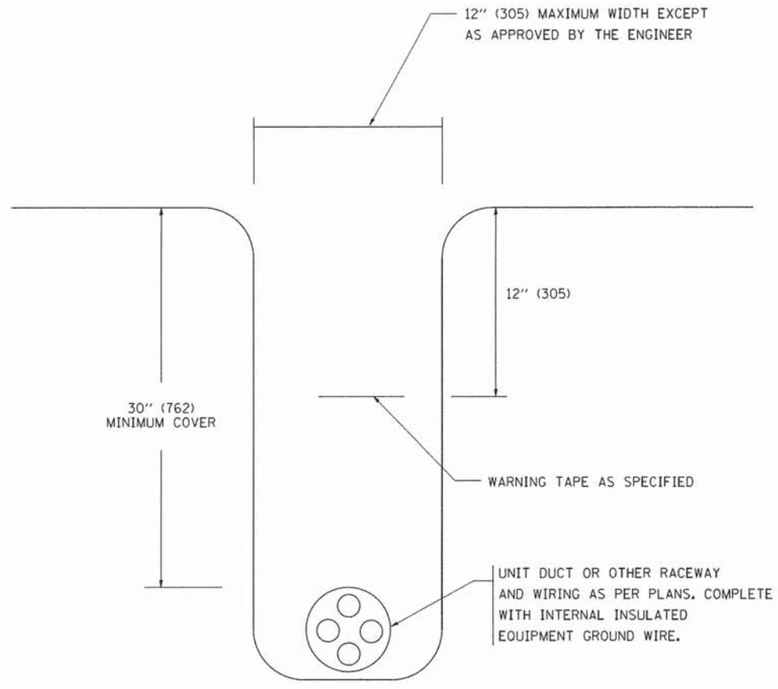
1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700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

FILE NAME = W:\diststd\22x34\be701.dgn	USER NAME = gaglsnobt	DESIGNED -	REVISED - 08-08-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LUMINAIRE SAFETY CABLE ASSEMBLY	F.A.LL RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			406	13-00079-00-PV	WILL	77	59
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -				BE-701	CONTRACT NO.		
	PLOT DATE = 1/4/2008	DATE -	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



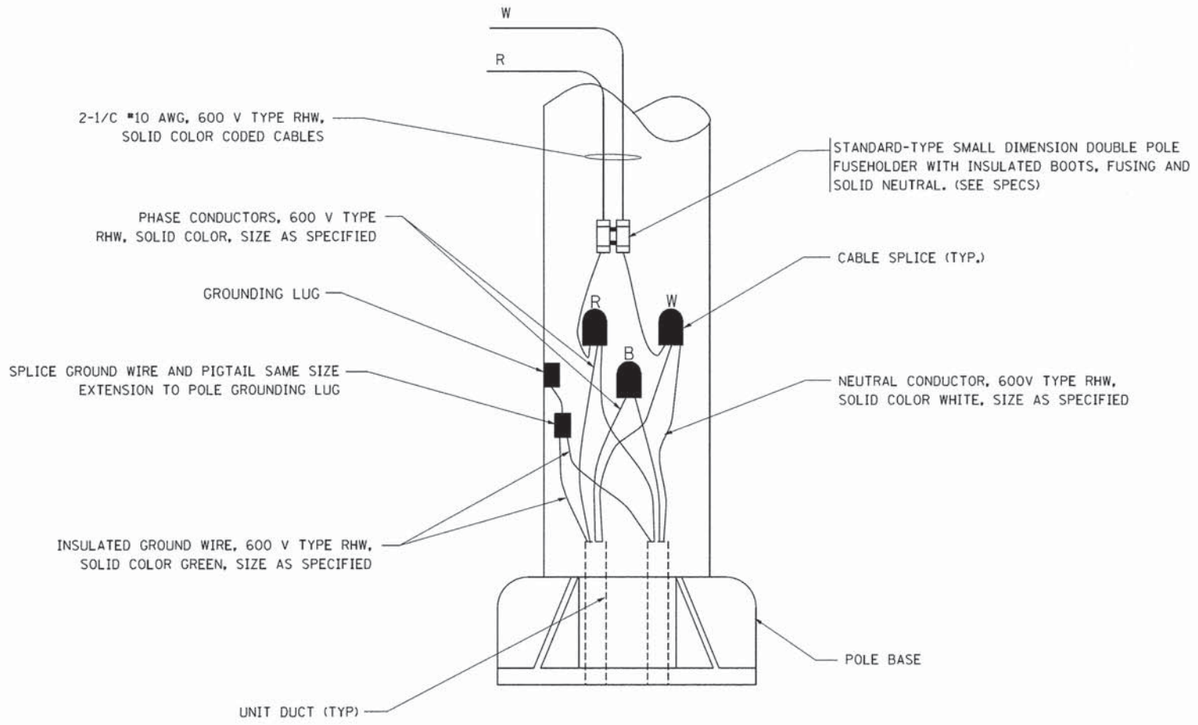
TYPICAL SPLICE DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

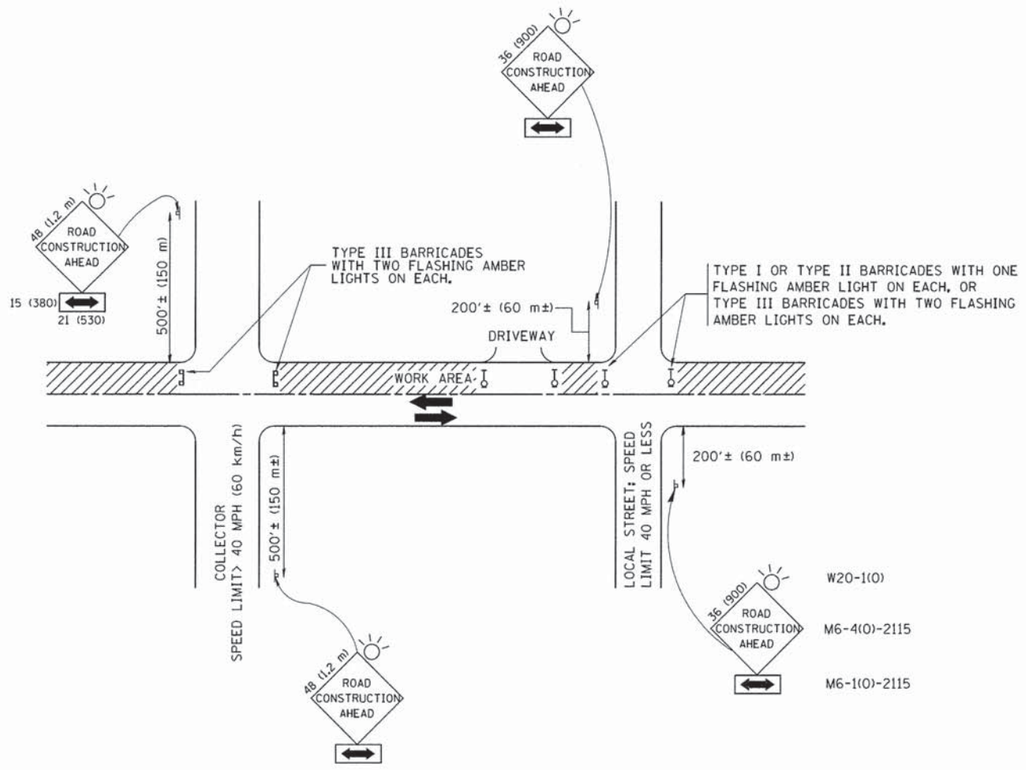
N.T.S.



POLE WIRING DETAIL

N.T.S.

FILE NAME = W:\diststd\22x34\be702.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - 08-08-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISC. ELECTRICAL DETAILS SHEET A	F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			406	13-00079-00-PV	WILL	77	60
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -				BE-702	CONTRACT NO.		
	PLOT DATE = 1/4/2008	DATE -	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	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.

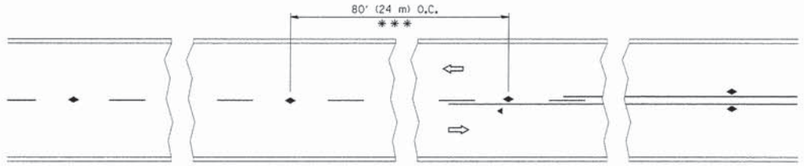
FILE NAME = W:\diststd\22x34\tc10.dgn	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

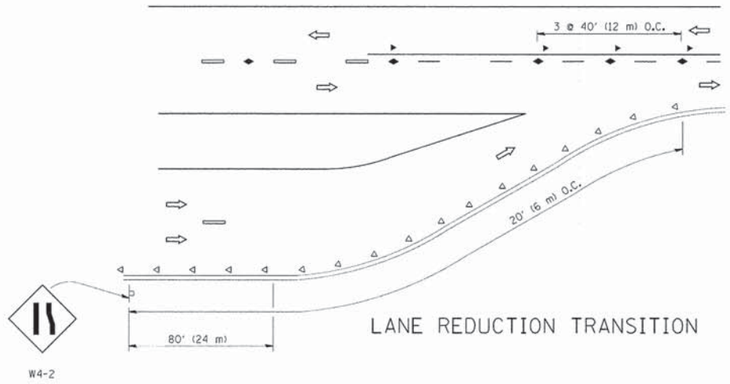
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.L.L RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	61
	TC-10	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

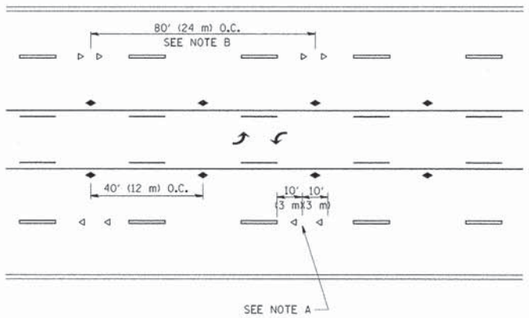


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

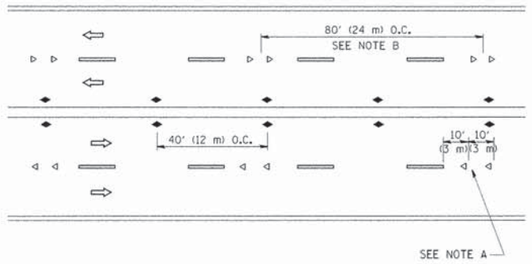
TWO-LANE/TWO-WAY



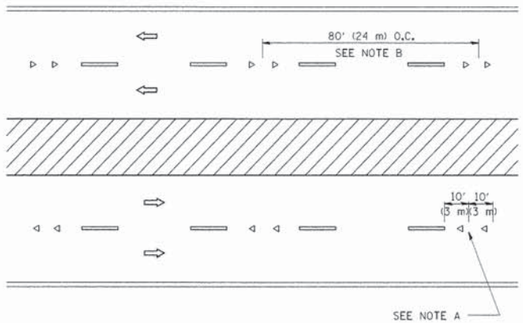
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

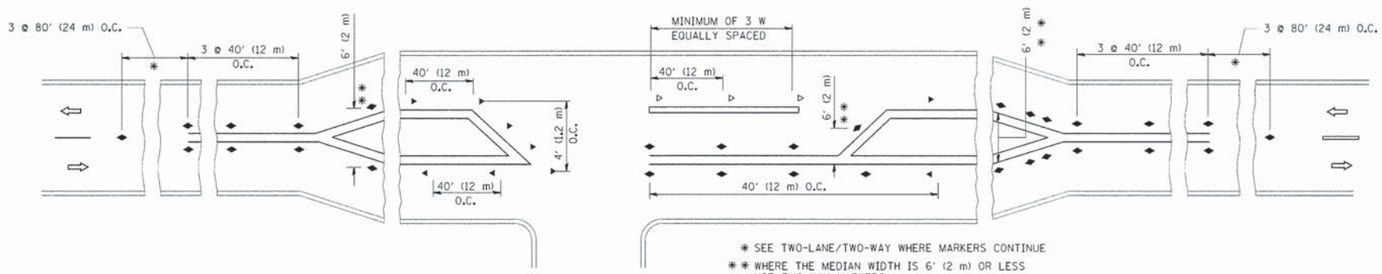
LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

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

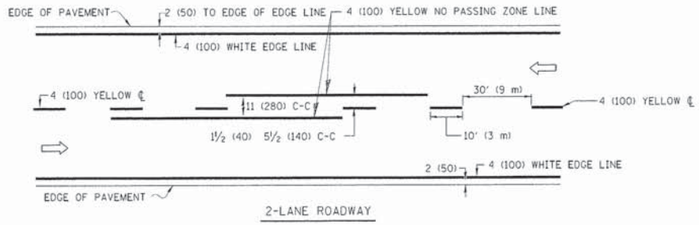
FILE NAME = c:\pw_work\pwidot\loyse\d0106315\tc11.dgn	USER NAME = loyse	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

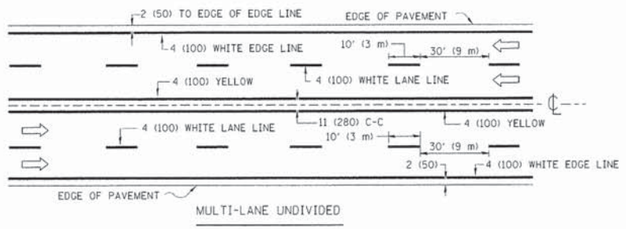
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

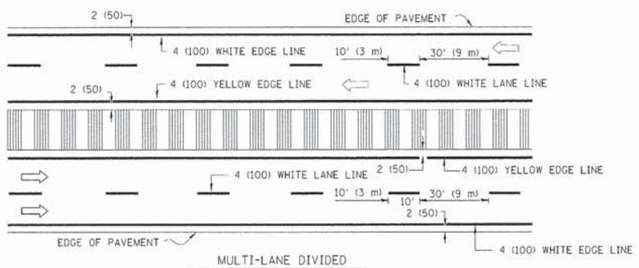
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	62
	TC-11	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY



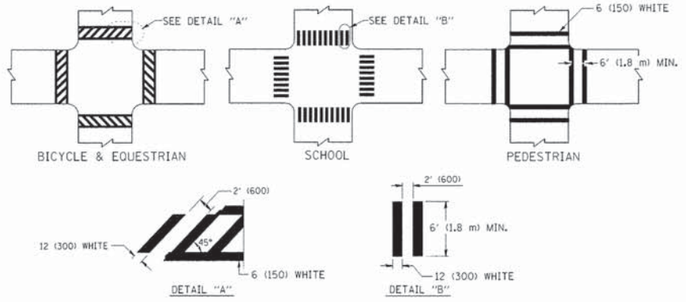
MULTI-LANE UNDIVIDED



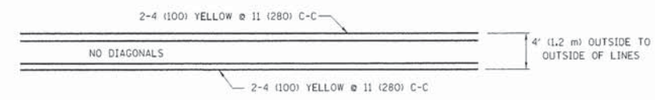
MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

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

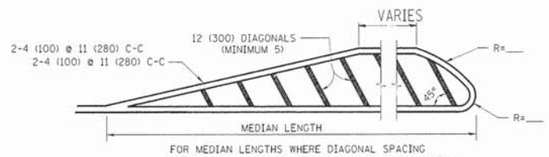
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



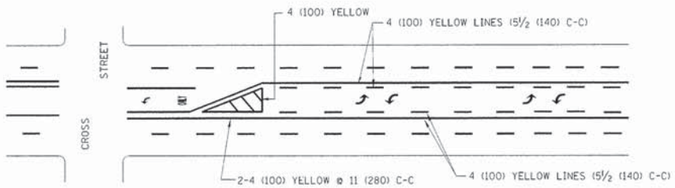
4' (1.2 m) WIDE MEDIANS ONLY



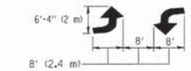
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

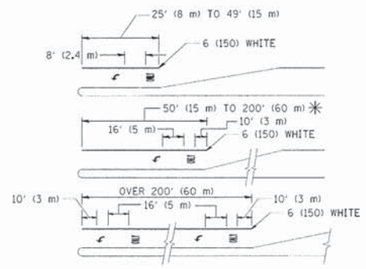


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED. WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

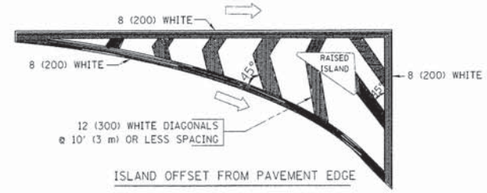


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m²) ↑ ONLY AREA = 20.8 SQ. FT. (1.9 m²)

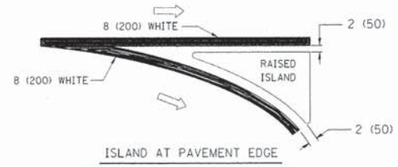
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND 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	5½ (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; 5½ (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 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 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
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 = c:\pw_work\pwidot\drivakosgn\d0108315\tc13.dgn	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
		DRAWN -	REVISED -C. JUCIUS 09-09-09
	PLOT SCALE = 50.000 ' / IN.	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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	63
	TC-13	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

ROUTE MARKERS

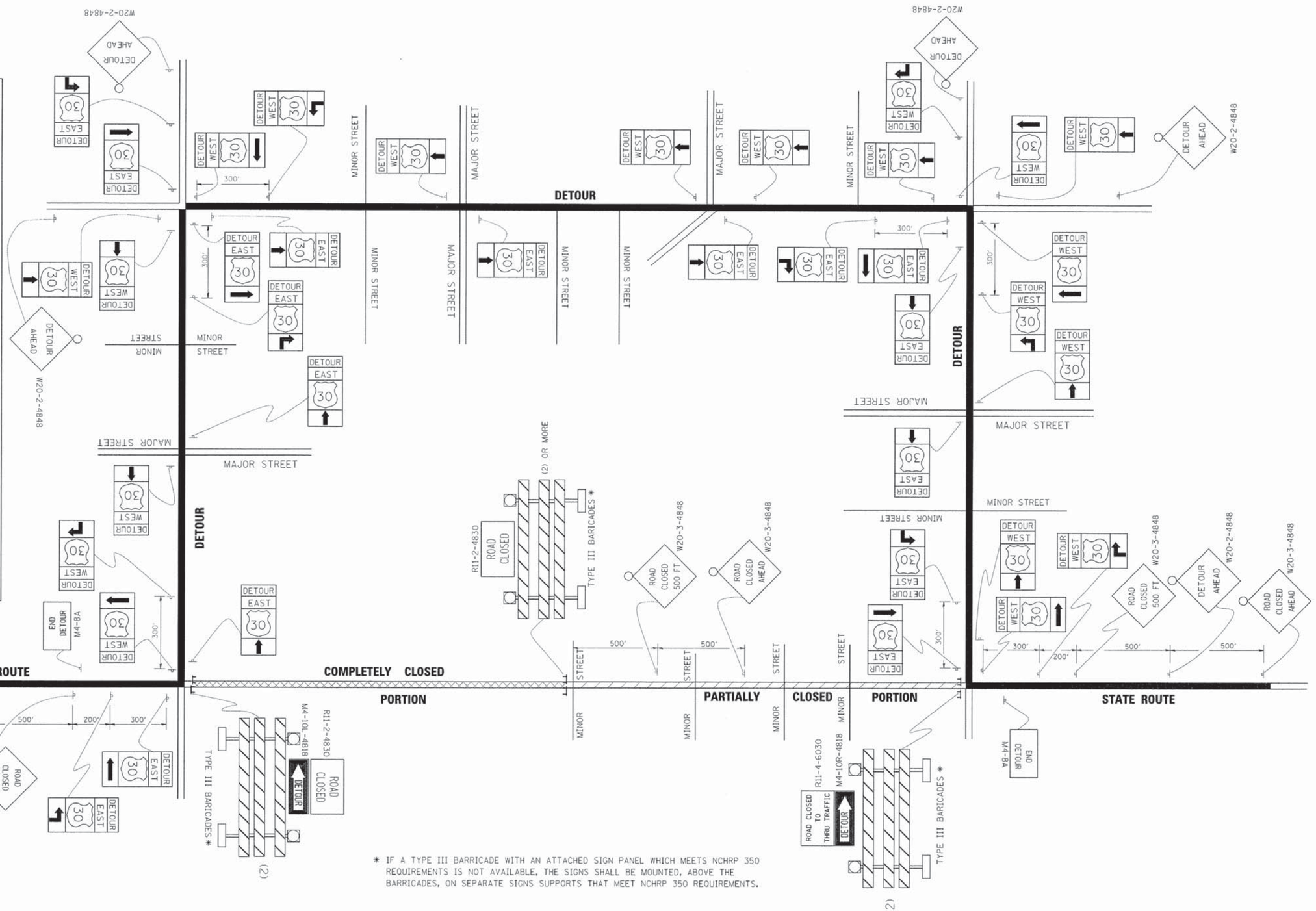
- 30 — FOR U.S. ROUTES M1-40-2424
- ILL 53 — FOR ILLINOIS ROUTES M1-50-2424
- MAIN STREET — R.R. UNMARKED ROUTES SPECIAL 24" x 18" VARIABLE 4" BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

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.

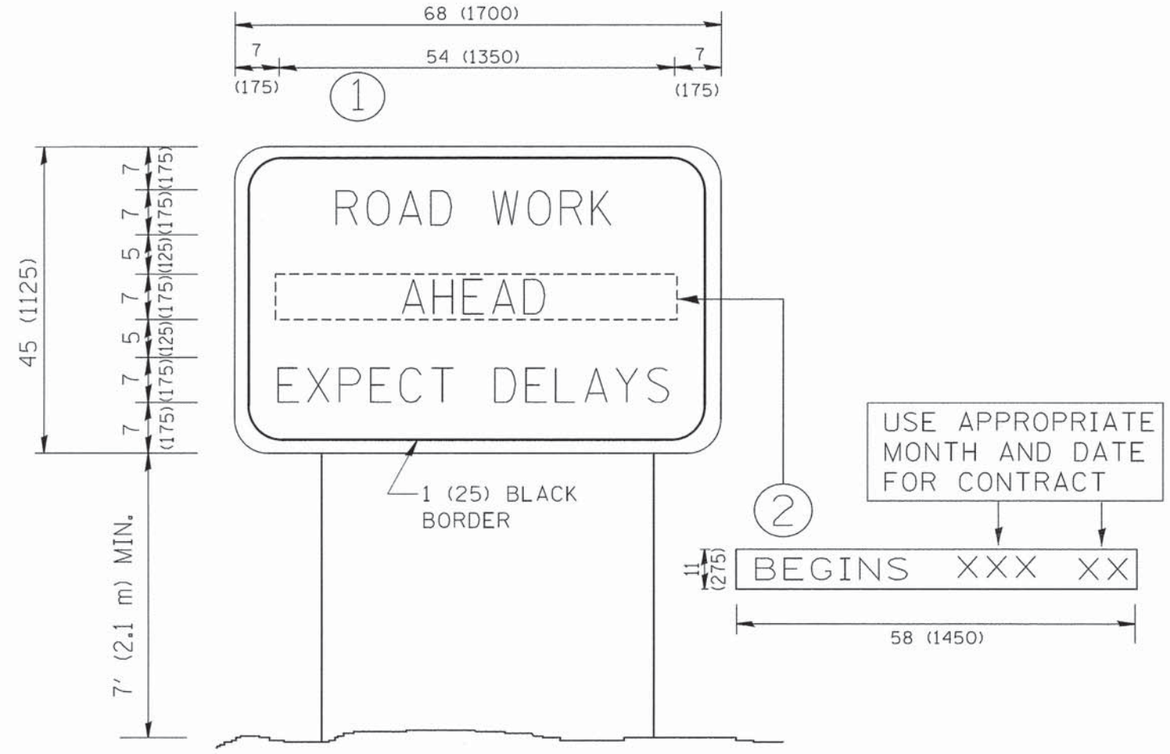
FILE NAME = c:\pw_work\PWIDOT\DRIVAKOSGN\d0208315\tc21.dgn	USER NAME = drivakosgn	DESIGNED -	REVISED - 10-18-02
		DRAWN -	REVISED - R. BORO 09-14-09
	PLOT SCALE = 49.9999 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/14/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR SIGNING FOR CLOSING STATE HIGHWAYS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	64
	TC-21	CONTRACT NO.		
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\tc22.dgn	USER NAME = gaglsenobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	65
	TC-22	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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

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

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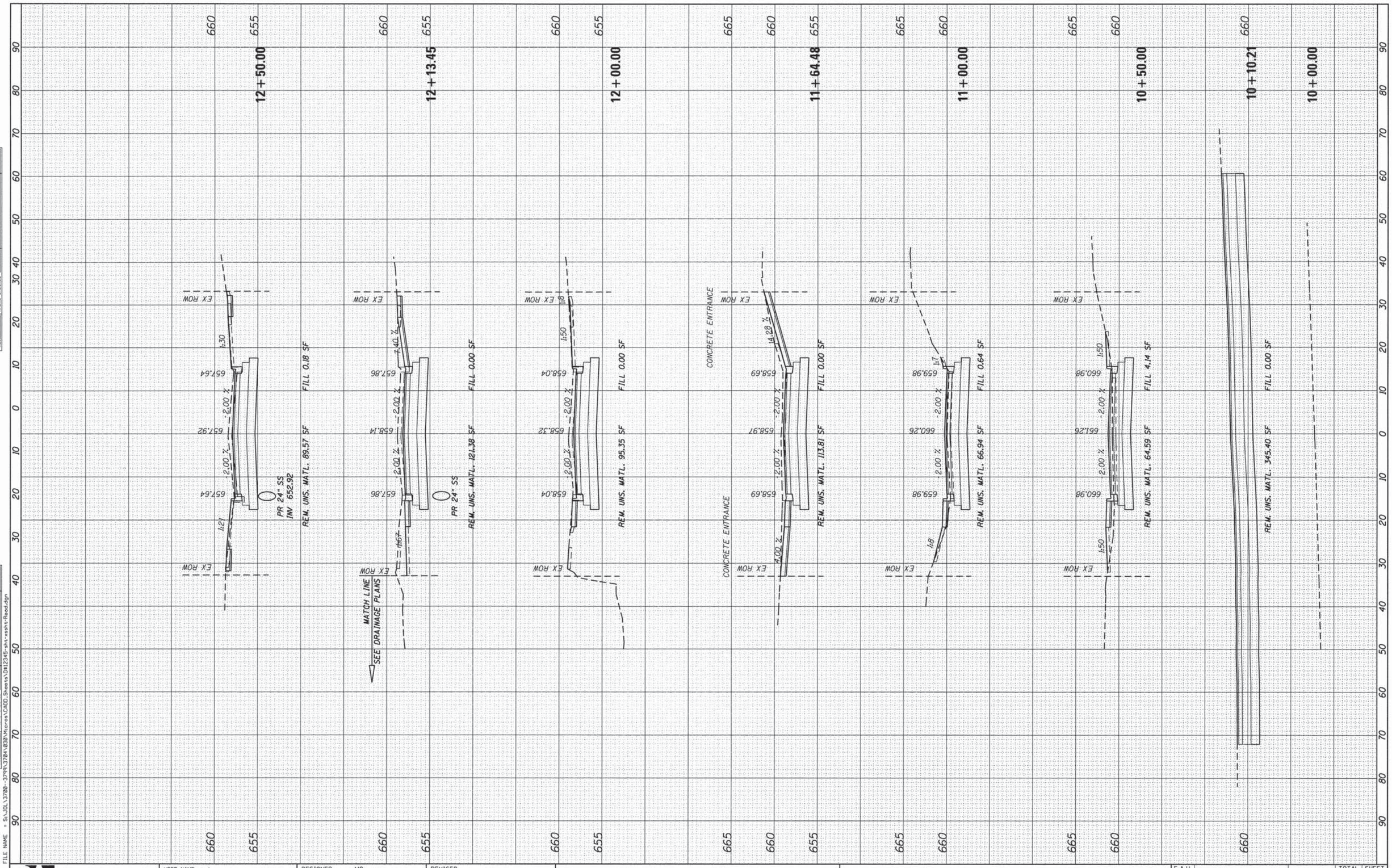

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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DEPARTMENT OF TRANSPORTATION

READ STREET CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 1 OF 12 SHEETS | STA. 10+00.00 TO STA. 12+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	66
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

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

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

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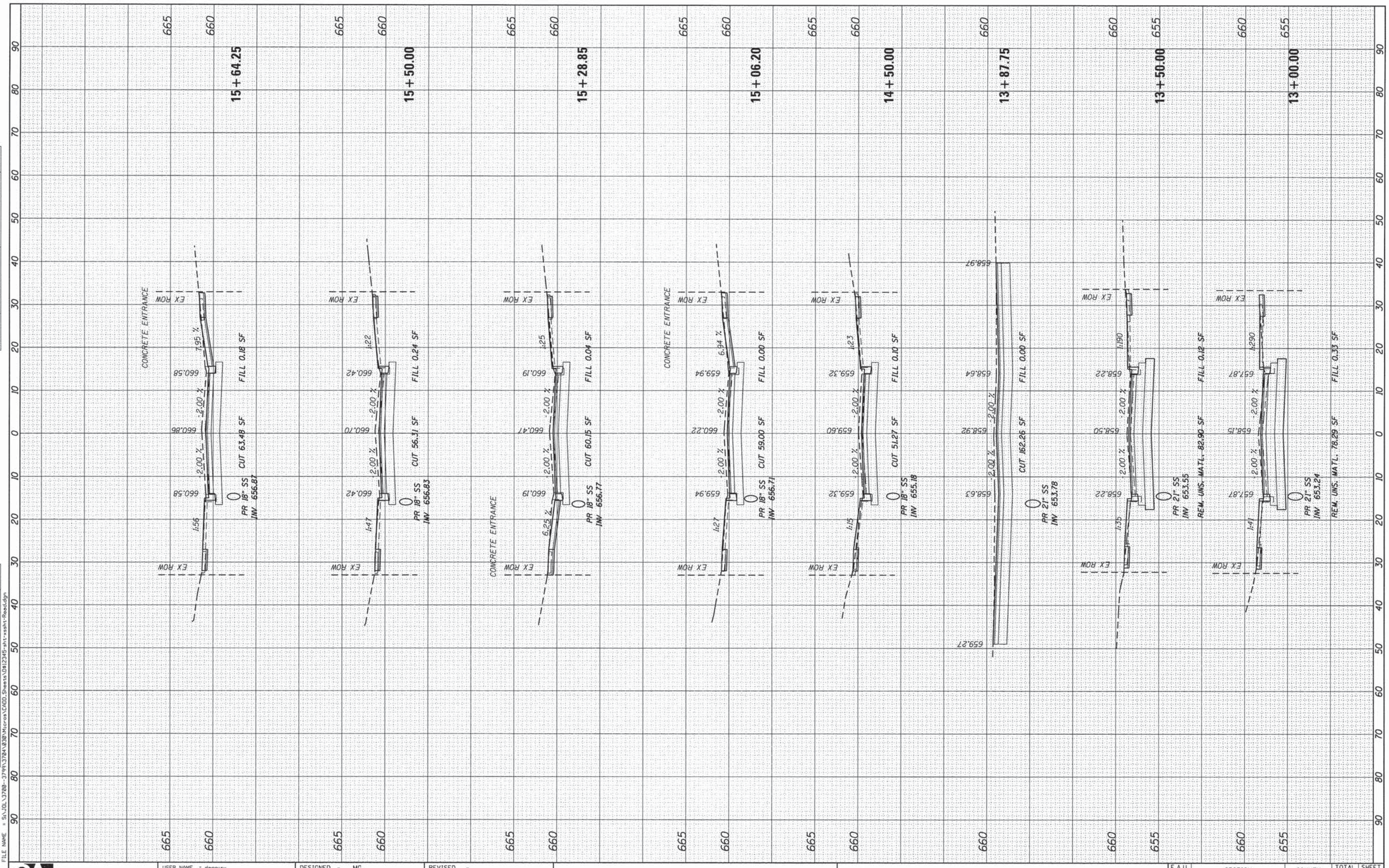

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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READ STREET CROSS SECTIONS

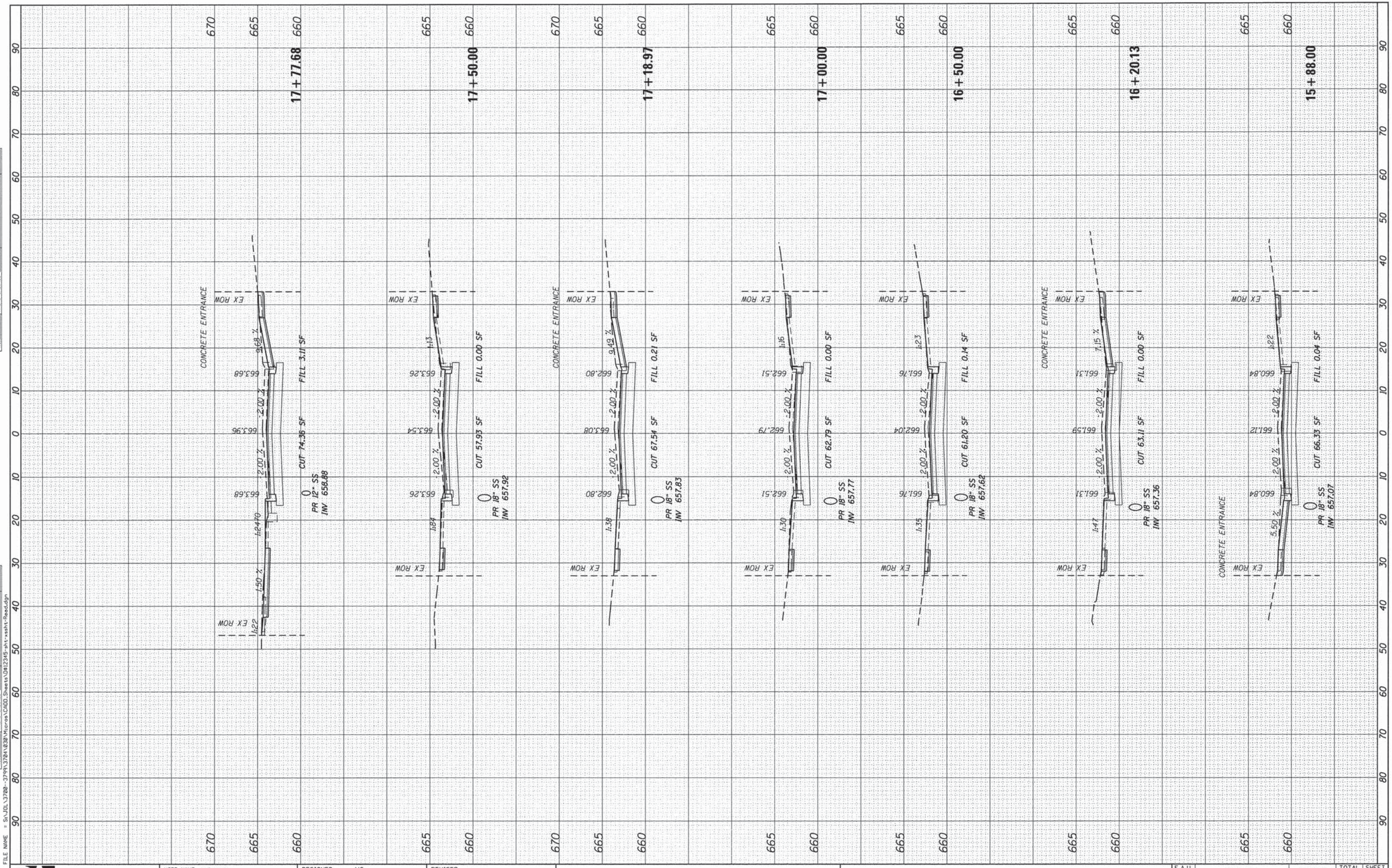
SCALE: 10-H 5-V | SHEET 2 OF 12 SHEETS | STA. 13+00.00 TO STA. 15+64.25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	67
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

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

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

FILE NAME = S:\JOL\3700-3799\3784\830\Micros\CADD\Sheets\D812345-sht-xssht-Read.dgn



USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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READ STREET CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 3 OF 12 SHEETS | STA. 15+88.00 | TO STA. 17+77.68

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	68
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

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

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

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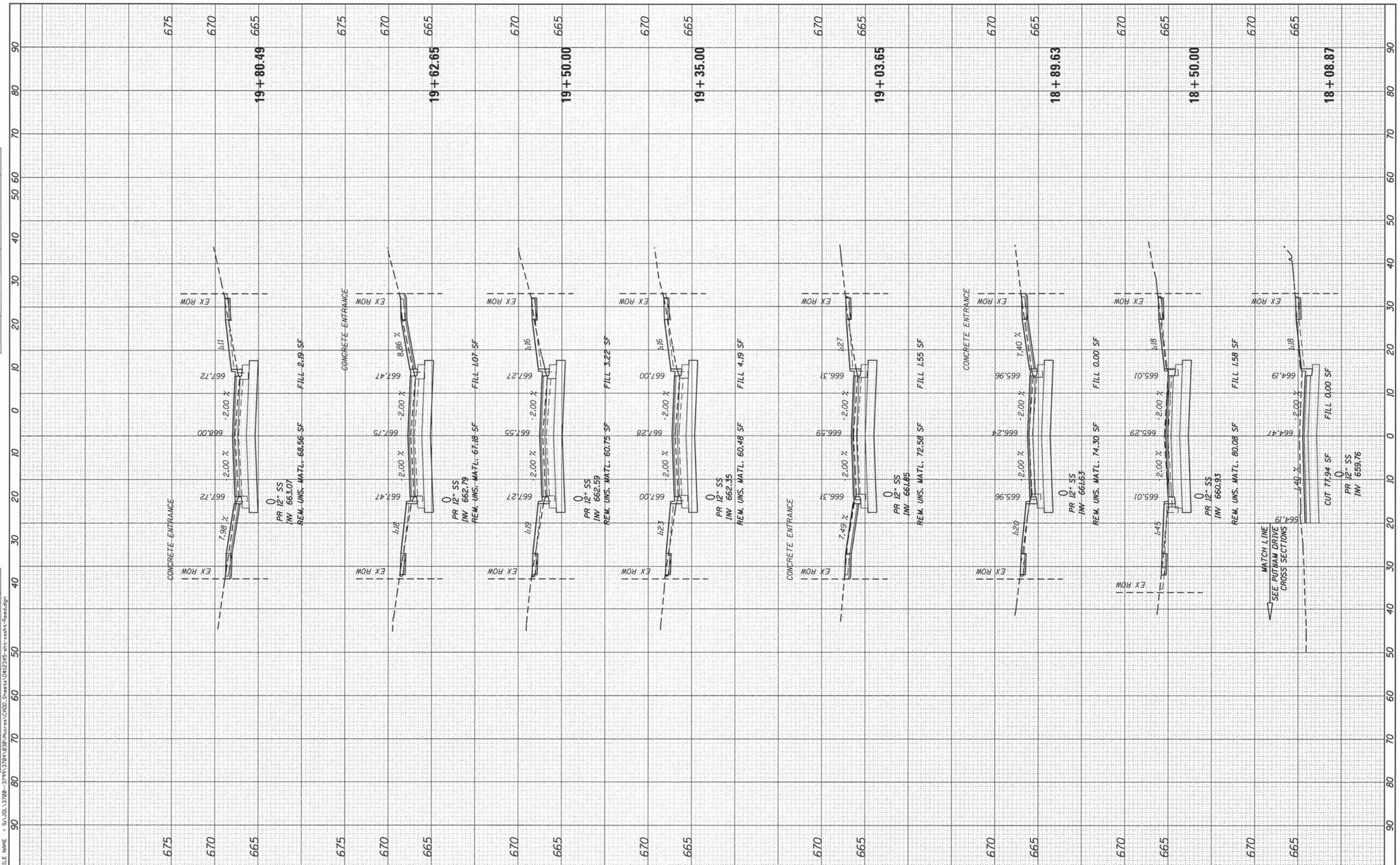

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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READ STREET CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 4 OF 12 SHEETS | STA. 18+08.87 TO STA. 19+80.49

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	69
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

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

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

FILE NAME = S:\JOL\3788-37PV\3784\838\Micros\CADD\Sheets\D#122345-sht-vssht-Read.dgn

21+73.22
EX ROW
CONCRETE ENTRANCE
669.21
669.49
8.84 %
2.00 %
2.00 %
669.21
82'
FILL 0.45 SF
CUT 42.85 SF

21+50.00
EX ROW
669.19
669.47
9'
2.00 %
2.00 %
669.19
28'
FILL 0.42 SF
REM. UNS. MATL. 73.87 SF

21+05.30
EX ROW
CONCRETE ENTRANCE
668.87
669.15
10.56 %
2.00 %
2.00 %
668.87
FILL 0.00 SF
PR 12" SS
INV 665.38
REM. UNS. MATL. 189.95 SF
669.05

20+93.95
EX ROW
668.77
669.05
12'
2.00 %
2.00 %
668.77
FILL 0.00 SF
PR 12" SS
INV 665.10
REM. UNS. MATL. 185.62 SF
669.31

20+50.00
EX ROW
668.37
668.65
15'
2.00 %
2.00 %
668.37
FILL 0.11 SF
PR 12" SS
INV 664.18
REM. UNS. MATL. 80.40 SF
668.65
38'

20+33.85
EX ROW
CONCRETE ENTRANCE
668.23
668.51
9.79 %
2.00 %
2.00 %
668.23
34'
FILL 0.04 SF
PR 12" SS
INV 663.92
REM. UNS. MATL. 81.61 SF

20+00.00
EX ROW
667.92
668.20
17'
2.00 %
2.00 %
667.92
25'
FILL 1.99 SF
PR 12" SS
INV 663.38
REM. UNS. MATL. 65.75 SF

SA STRAND ASSOCIATES®	1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MG	REVISED -	
		MODEL NAME = Default	DRAWN - DW	REVISED -	
		PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
		PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

READ STREET CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 5 OF 12 SHEETS | STA. 20+00.00 TO STA. 21+73.22

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	70
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

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

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

FILE NAME = S:\JOL\3700--3799\3784\038\Micros\CADD\Sheets\D#12345-sht-xssht-Read.dgn

24+50.00
EX ROW
1:5
667.21
2.00 %
666.93
FILL 1.25 SF
CUT 41.11 SF
1:129
666.65

24+05.68
658.64
EX ROW
667.65
2.00 %
667.37
FILL 0.00 SF
CUT 167.59 SF
667.09
PR 12" SS
INV 663.67
667.03

23+50.00
EX ROW
1:43
668.21
2.00 %
667.93
FILL 1.70 SF
CUT 39.30 SF
667.65
1:355

23+00.00
EX ROW
1:42
668.71
2.00 %
668.43
FILL 1.23 SF
CUT 43.57 SF
668.15
1:92

22+84.51
CONCRETE ENTRANCE
EX ROW
668.87
5.22 %
668.59
FILL 0.11 SF
CUT 51.90 SF
668.31
3.41 %
CONCRETE ENTRANCE

22+75.56
EX ROW
1:51
668.92
1.78 %
668.67
FILL 2.25 SF
CUT 45.12 SF
668.39
2.96 %
CONCRETE ENTRANCE

22+50.00
EX ROW
1:33
668.97
0.30 %
668.93
FILL 1.90 SF
CUT 38.87 SF
668.65
1:961

22+09.89
EX ROW
1:21
669.04
2.00 %
669.32
FILL 0.91 SF
CUT 41.35 SF
669.04
6.43 %
CONCRETE ENTRANCE

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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READ STREET CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 6 OF 12 SHEETS | STA. 22+09.89 | TO STA. 24+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	71
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

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

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

FILE NAME = S:\JOL\3780-3799\3784\838\Micros\CADD\Sheets\DM12345-sht-xssht-Read.dgn

26+50.00

EX ROW — 666.86 — 1:18 — 2.00 % — 666.58 — 1:55 — 666.30 — EX ROW

FILL 3.69 SF

CUT 37.16 SF

PR 15" SS INV 661.05

26+19.49

EX ROW — 666.87 — 1:15 — 2.00 % — 666.59 — 2.50 % — 666.31 — CONCRETE ENTRANCE — EX ROW

FILL 3.71 SF

CUT 44.72 SF

PR 15" SS INV 661.62

26+00.00

EX ROW — 666.82 — 1:21 — 2.00 % — 666.54 — 1:8 — 666.26 — EX ROW

FILL 3.04 SF

CUT 41.35 SF

PR 15" SS INV 661.99

25+84.02

CONCRETE ENTRANCE — EX ROW — 666.75 — 7.57 % — 2.00 % — 666.47 — 1:5 — 666.19 — EX ROW

FILL 0.00 SF

CUT 54.64 SF

PR 15" SS INV 662.20

25+37.06

EX ROW — 666.62 — 1:12 — 2.00 % — 666.34 — 4.42 % — 666.06 — CONCRETE ENTRANCE — EX ROW

FILL 0.00 SF

CUT 69.72 SF

25+14.52

CONCRETE ENTRANCE — EX ROW — 666.68 — 11.94 % — 2.00 % — 666.40 — 1:28 — 666.12 — EX ROW

FILL 0.00 SF

CUT 67.15 SF

25+00.00

EX ROW — 666.75 — 1:12 — 2.00 % — 666.47 — 1:22 — 666.19 — EX ROW

FILL 0.17 SF

CUT 56.36 SF

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USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

READ STREET CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 7 OF 12 SHEETS | STA. 25+00.00 TO STA. 26+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	72
		CONTRACT NO. 61B61		
	ILLINOIS	FED. AID PROJECT		

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

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

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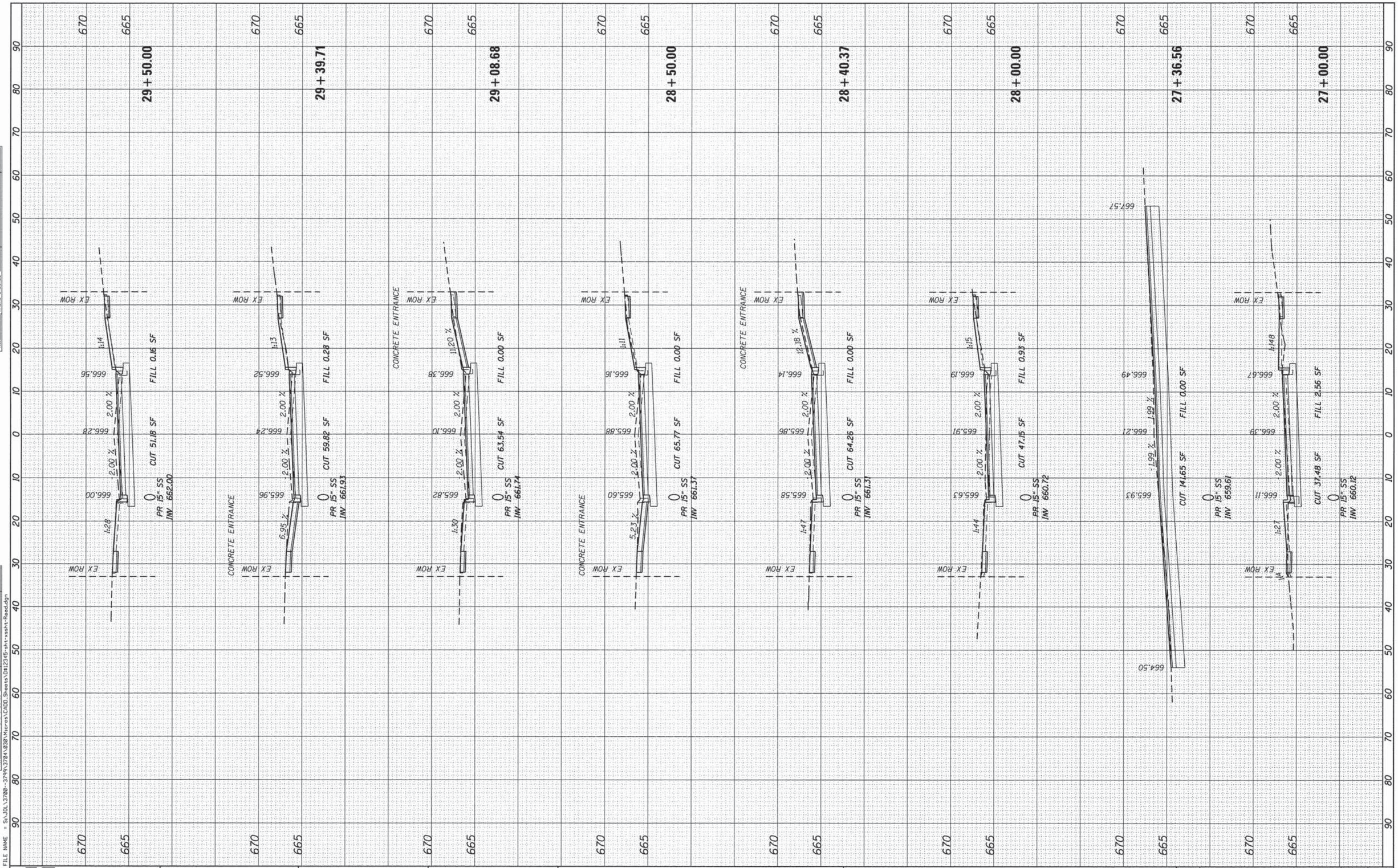

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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READ STREET CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 8 OF 12 SHEETS | STA. 27+00.00 TO STA. 29+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	73
		CONTRACT NO. 61B61		
		ILLINOIS FED. AID PROJECT		

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

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

FILE NAME = S:\JOL\3780--3799\3784\830\Micros\CADD\Sheets\DW12345-snt-vsht-Read.dgn

32+64.48

CONCRETE ENTRANCE
EX ROW
3.66 %
2.00 %
663.80
663.52
FILL 1.53 SF
CUT 36.73 SF
PR 12" SS
INV. 659.97

32+50.00

EX ROW
1:285
2.00 %
664.01
663.73
FILL 3.73 SF
CUT 35.30 SF
PR 12" SS
INV. 660.10

32+00.00

EX ROW
6:1
2.00 %
664.76
664.48
FILL 0.52 SF
CUT 46.93 SF

31+75.53

EX ROW
1:1
2.00 %
665.13
664.85
FILL 2.92 SF
CUT 48.67 SF
CONCRETE ENTRANCE
1:1.30 %
664.57

31+60.11

CONCRETE ENTRANCE
EX ROW
1:1.25 %
665.36
665.08
FILL 0.00 SF
CUT 49.42 SF
1:1.4
664.80

31+00.00

EX ROW
0.91
2.00 %
666.26
665.98
FILL 0.17 SF
CUT 53.45 SF
1:1.29
665.70

30+52.56

666.92
666.75
2.00 %
666.48
FILL 0.00 SF
CUT 166.45 SF
2.00 %
666.20

30+00.00

EX ROW
1:1.4
666.79
2.00 %
666.51
FILL 1.28 SF
CUT 49.77 SF
PR 15" SS
INV. 662.31
1:1.90
666.23
666.33

USER NAME = dennisw	DESIGNED - MC	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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READ STREET CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 9 OF 12 SHEETS | STA. 30+00.00 TO STA. 32+64.48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	74
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

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

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

FILE NAME = S:\JOL\3700-3799\3784\B2B\Micros\CADD_Sheets\D812345-sht-xssht-Read.dgn

35+25.00 — EX ROW — 662.30 — 662.58 — 4.44 — 2.00 % — CUT 26.00 SF — FILL 1.66 SF — PR 15" SS INV 657.61

34+95.05 — CONCRETE ENTRANCE — EX ROW — 662.65 — 662.81 — 3.32 % — -1.14 % — 6.73 % — 1:23 — CUT 21.10 SF — FILL 0.65 SF — PR 15" SS INV 657.82

34+50.00 — EX ROW — 663.16 — 662.96 — 1.52 — 1.46 % — 1:20 — CUT 10.16 SF — FILL 13.28 SF — PR 15" SS INV 658.13

34+00.00 — EX ROW — 663.09 — 662.81 — 1:17 — 2.00 % — 1:45 — CUT 17.36 SF — FILL 8.58 SF — PR 15" SS INV 658.48

33+69.58 — EX ROW — 662.91 — 662.68 — 1:16 — 1.66 % — 2.00 % — CUT 97.96 SF — FILL 5.46 SF — PR 12" SS INV 658.97 — 662.32

33+53.70 — CONCRETE ENTRANCE — EX ROW — 662.95 — 662.67 — 9.05 % — 2.00 % — CUT 81.26 SF — FILL 0.38 SF — PR 12" SS INV 659.11 — 662.05

33+00.00 — EX ROW — 663.29 — 663.01 — 1:21 — 2.00 % — 1:11 — CUT 32.73 SF — FILL 3.34 SF — PR 12" SS INV 659.63 — 662.73

32+85.25 — CONCRETE ENTRANCE — EX ROW — 663.49 — 663.21 — 6.52 % — 2.00 % — 1:11 — CUT 36.16 SF — FILL 1.14 SF — PR 12" SS INV 659.79 — 662.93

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

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(815) 744-4200

USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

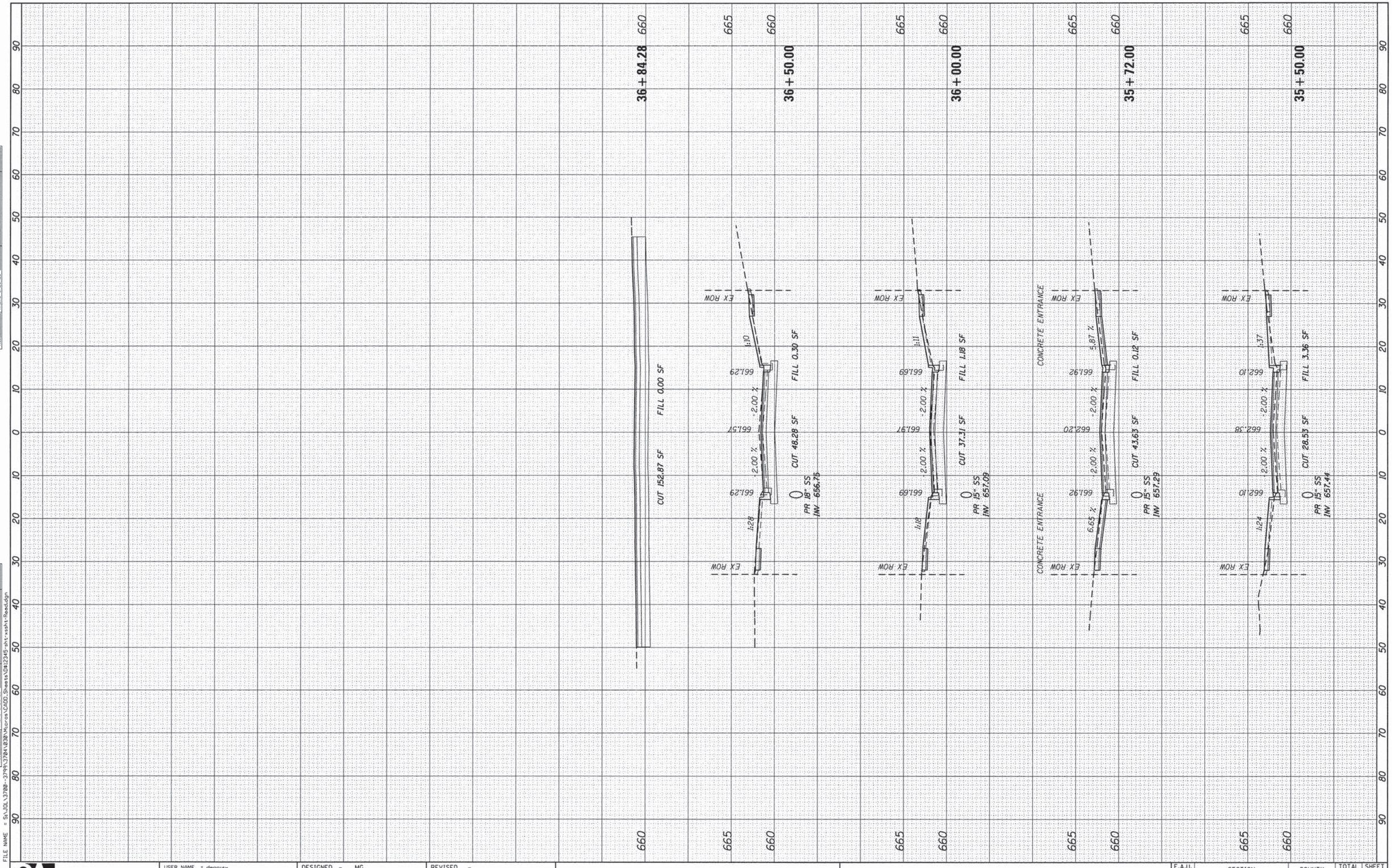
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

READ STREET CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 10 OF 12 SHEETS | STA. 32+85.25 TO STA. 35+25.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	75
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

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



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

FILE NAME = S:\IDL\3700-3799\3784\8280\Micros\CADD\Sheets\D812345-sht-xssht-Read.dgn

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

USER NAME = dennisw	DESIGNED - MG	REVISED -
MODEL NAME = Default	DRAWN - DW	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

READ STREET CROSS SECTIONS

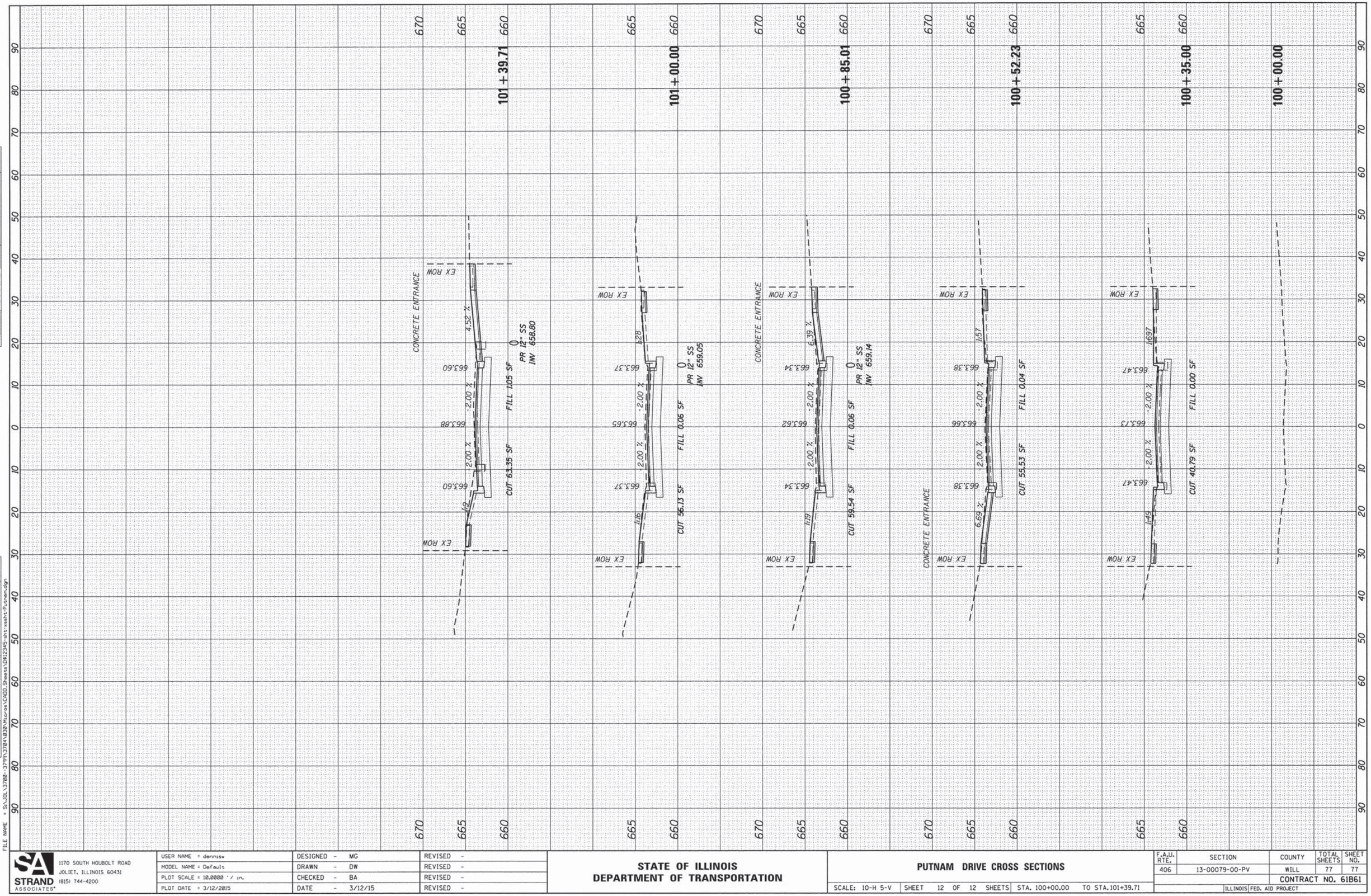
SCALE: 10-H 5-V | SHEET 11 OF 12 SHEETS | STA. 35+50.00 | TO STA. 36+84.28

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	76
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			

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

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

FILE NAME = S:\JOL\3700-3799\3784-838\Micro\CADD\Sheets\D#12345-sht-ssht-Putnam.dgn



USER NAME = dennisw	DESIGNED - MG	REVISED -	
MODEL NAME = Default	DRAWN - DW	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - BA	REVISED -	
PLOT DATE = 3/12/2015	DATE - 3/12/15	REVISED -	

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PUTNAM DRIVE CROSS SECTIONS

SCALE: 10-H 5-V | SHEET 12 OF 12 SHEETS | STA. 100+00.00 TO STA. 101+39.71

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
406	13-00079-00-PV	WILL	77	77
		CONTRACT NO. 61B61		
	ILLINOIS FED. AID PROJECT			