

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
4011	16-00096-00-PK	DUPAGE	36	1
STA. 296+29		TO STA. 303+90		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	WPE6(555)	

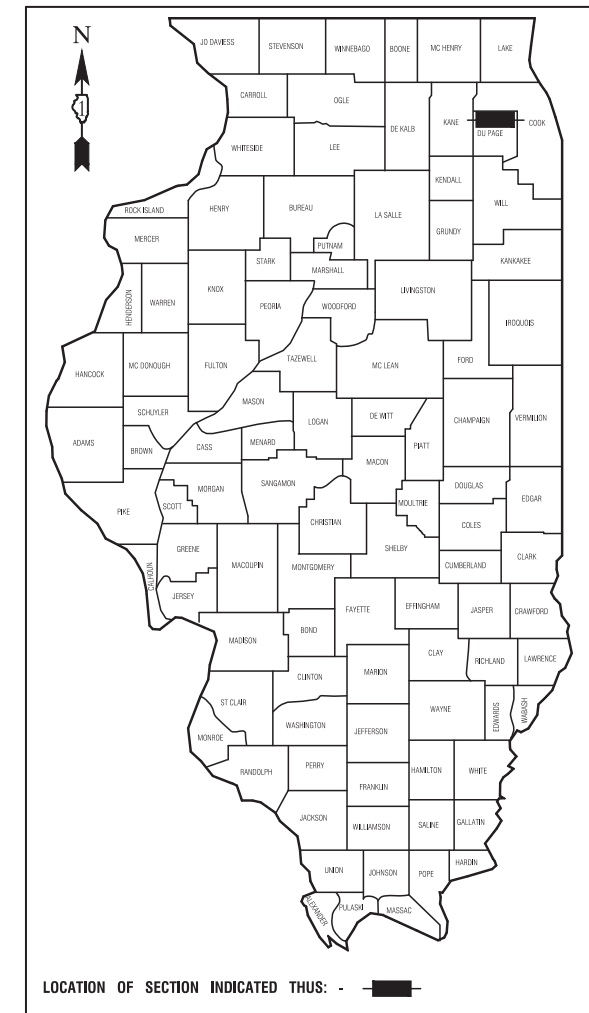
CONTRACT #61E55

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

MUN 4011 (RAILROAD AVENUE)  
YORK STREET TO ADDISON STREET  
PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
SECTION NO.: 16-00096-00-PK  
PROJECT NO.: WPE6(555)  
VILLAGE of BENSENVILLE  
DUPAGE COUNTY  
C-91-112-18

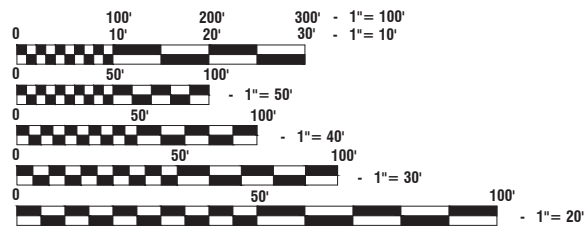
INDEX OF SHEETS  
SEE SHEET NO. 2

HIGHWAY STANDARDS  
SEE SHEET NO. 2



	RAILROAD AVENUE
2016 ADT -	1,200
2040 ADT -	1,500
POSTED SPEED LIMIT -	25 mph
DESIGN PERIOD -	20 YEARS
DESIGN SPEED LIMIT -	25 mph
STREET CLASSIFICATION -	LOCAL ROAD/STREET

SCALES  
 PLAN - 1"=20'  
 PROFILE HORIZ. - 1"=20'  
 PROFILE VERT. - 1"=5'  
 CROSS SECTIONS - 1"=10'

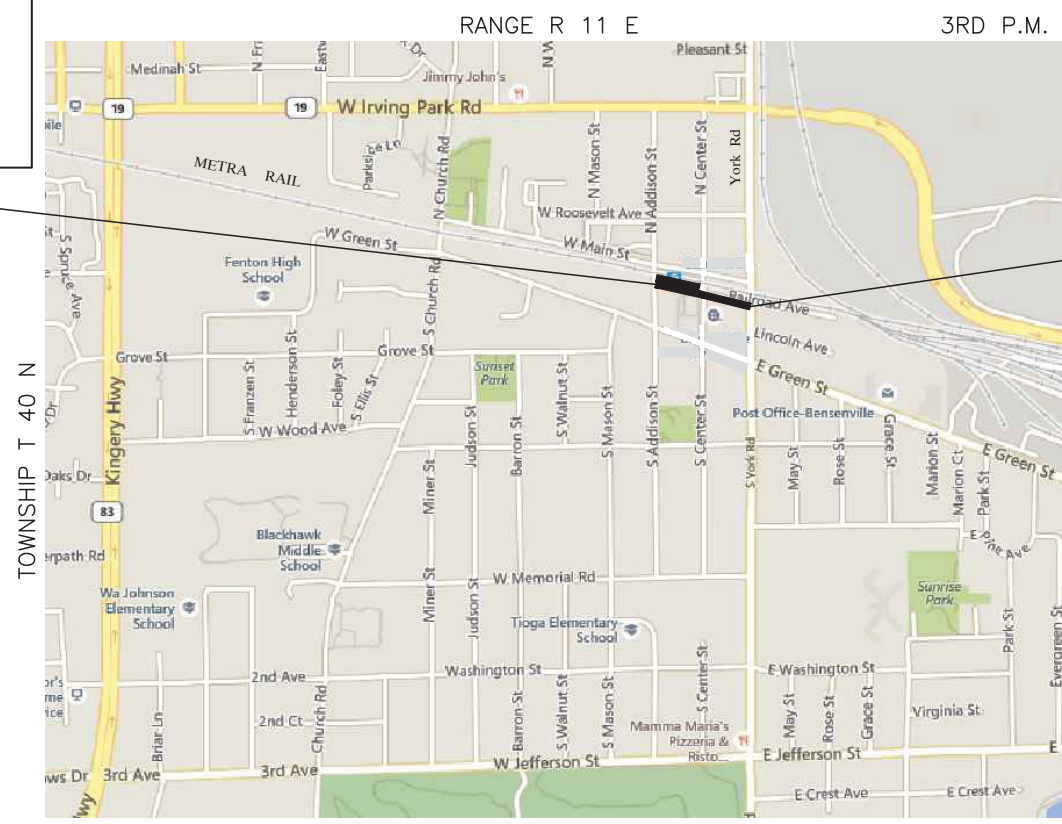


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

BEGINNING OF IMPROVEMENTS  
RAILROAD AVENUE STA 296+29

END OF IMPROVEMENTS  
RAILROAD AVENUE STA 303+85



LOCATION MAP

GROSS LENGTH= 761 FEET=0.14 MILES  
NET LENGTH= 761 FEET=0.14 MILES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Approved: January 15, 2018  
*Joseph M. Caracci*  
Director of Public Works Village of BENSENVILLE

Passed: FEBRUARY 1, 2018  
*Christopher Holt*  
District 1 Engineer of Local Roads & Streets

Released for Bid Based on Limited Review: FEBRUARY 2, 2018  
*Anthony A. Quinley*  
Regional Engineer

PRINTED BY THE AUTHORITY OF  
THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:  
*Mark A. Wesolowski*  
01/15/18  
REGISTERED PROFESSIONAL ENGINEER  
LICENSE EXPIRES: 11/30/19

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, PE (847) 705-4406 SCHAUMBURG, IL  
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

CONTRACT NO. 61E55

**INDEX OF SHEETS**

1. COVER SHEET
2. INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
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- 6.-7. EXISTING CONDITIONS & REMOVALS
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10. DETOUR PLAN
- 11.-12. EROSION CONTROL PLAN
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- 14.-17. DRAINAGE & UTILITIES
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- 20.-25. CONSTRUCTION DETAILS
- 26.-32. IDOT DISTRICT 1 STANDARD DETAILS
- 33.-36. CROSS SECTIONS

**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-10	PERPENDICULAR CURB RAMPS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-04	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
601001-05	PIPE UNDERDRAINS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-04	INLET TYPE A
602401-04	PRECAST MANHOLE TYPE A 4' (1.22 M) DIAMETER
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
604056-04	FRAME AND GRATE TYPE 11V
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15'(4.5M) TO 24'(600MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURES, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATION OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS

**DISTRICT ONE DETAILS**

BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC-22	ARTERIAL ROAD INFORMATION SIGN

**STORM/SANITARY/WATER MAIN GENERAL NOTES**

1. AREAS DISTURBED BY CONSTRUCTION SHALL BE KEPT TO A MINIMUM. TRENCH BOXES SHALL BE UTILIZED TO LIMIT DISTURBED AREA. ALL AREAS DISTURBED UNNECESSARILY SHALL BE RESTORED AS REQUIRED IN THE SPECIAL PROVISIONS.
2. ALL PAVEMENT, CURB AND SIDEWALK REMOVALS SHALL BE MADE BY MEANS OF A STRAIGHT SAW CUT JOINT.
3. EXISTING DRAINAGE FACILITIES SHALL NOT BE UNNECESSARY DISTURBED. TEMPORARY DRAINAGE FACILITIES SHALL BE PROVIDED BY THE CONTRACTOR WHEREVER NECESSARY TO MAINTAIN EXISTING DRAINAGE OUTLETS.
4. THE ENGINEER RESERVES THE RIGHT TO REJECT STRUCTURALLY DAMAGED PIPE. BEDDING AND INITIAL BACKFILL FOR STORM SEWER TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
  - A. FOR CONCRETE PIPE: A GRANULAR CRADLE EXTENDING FROM 4" BELOW STORM SEWER PIPE TO THE SPRING LINE SHALL BE PROVIDED, AS SHOWN IN DETAIL. COST OF THE GRANULAR CRADLE AND INITIAL BACKFILL SHALL BE INCLUDED IN STORM SEWER CONTRACT PRICE. TRENCH TO BE BACKFILLED WITH TRENCH BACKFILL BELOW ALL PAVED SURFACES IN ACCORDANCE WITH THE SPECIFICATION TRENCH BACKFILL. SPECIAL BACKFILL BELOW ALL TURF SURFACES IN ACCORDANCE WITH THE STANDARD ROAD SPECIFICATIONS
5. "BAND SEAL" COUPLINGS SHALL BE USED WHEN JOINING SEWER PIPES OF DISSIMILAR MATERIALS.
6. CONSTRUCTION: ALL STORM SEWERS ARE TO BE CONSTRUCTED USING A LASER INSTRUMENT TO MAINTAIN LINE AND GRADE.
7. COVER: THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE (1') FOOT OF COVER OVER THE TOP OF SHALLOW PIPES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL MOUND OVER ANY PIPES WHICH HAVE LESS THAN ONE (1') FOOT OF COVER DURING CONSTRUCTION UNTIL THE AREA IS FINAL GRADED OR PAVED.
8. ALL TRENCHES BENEATH PROPOSED OR EXISTING UTILITIES, PAVEMENTS, ROADWAYS, SIDEWALKS, AND FOR A DISTANCE OF TWO (2) FEET ON EITHER SIDE OF SAME, AND/OR WHERE SHOWN ON THE PLANS, SHALL BE BACKFILLED WITH SELECT GRANULAR BACKFILL, CA-6, AND THOROUGHLY MECHANICALLY COMPACTED IN 9" THICK (LOOSE MEASUREMENT) LAYERS. JETTING WITH WATER IS PERMITTED WITH PRIOR CONSENT BY THE VILLAGE OF BENSENVILLE. TRENCH BACKFILL SHALL IN ACCORDANCE WITH THE SPECIFICATION TRENCH BACKFILL, SPECIAL.
9. STRUCTURES: MANHOLE, CATCH BASIN AND INLET BOTTOMS SHALL BE PRECAST CONCRETE SECTIONAL UNITS OR MONOLITHIC CONCRETE. STRUCTURE JOINTS SHALL BE SEALED WITH O-RING OR BUTYL ROPE. A MAXIMUM OF TWELVE (12") INCHES OF ADJUSTING RINGS SHALL BE USED, UNLESS OTHERWISE STATED ON THE PLANS.
10. A CONCRETE BENCH TO DIRECT FLOWS SHALL BE CONSTRUCTED IN THE BOTTOM OF ALL INLETS AND MANHOLES.
11. THE FRAME, GRATE, AND/OR CLOSED LID SHALL BE CAST IRON OF THE STYLE SHOWN ON THE PLANS.
12. THE JOINTS BETWEEN CONCRETE SECTION ADJUSTING RINGS, AND FRAME SHALL BE SEALED WITH A MASTIC COMPOUND.
13. CLEANING: THE STORM SEWER SYSTEM SHALL BE THOROUGHLY CLEANED PRIOR TO FINAL INSPECTION AND TESTING.
14. ON ALL IMPROVEMENTS THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES AND VALVE VAULTS WHICH ARE TO BE ABANDONED DUE TO CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF BENSENVILLE AND BE SALVAGED. THE OWNER SHALL BE NOTIFIED AS TO AVAILABILITY FOR PICK-UP.
15. CARE SHOULD BE TAKEN DURING CONSTRUCTION TO INSURE THAT ALL DRAIN SYSTEMS ARE RE-ESTABLISHED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN DRAIN TILE SYSTEMS ARE ENCOUNTERED OTHER THAN THOSE SHOWN IN THE PLANS FOR PROPER INSTRUCTION AND DISPOSITION.
16. O-JOINTS ARE TO BE USED ON ALL CIRCULAR STORM SEWERS AND SHALL CONFORM TO ASTM C-443.
17. DRAINAGE STRUCTURE ELEVATION: GRADES OF EXISTING SEWER LINES WERE DETERMINED FROM AVAILABLE PLANS AND SURVEYS. ACCORDINGLY, AS DIRECTED BY THE ENGINEER, THE INVERTS OF THE PROPOSED DRAINAGE MAY BE REVISED TO MEET EXISTING FIELD CONDITIONS.
18. ALL SURPLUS EXCAVATED MATERIAL FROM THE TRENCH SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.
19. SANITARY SEWER AND STORM SEWER STRUCTURES SHALL BE IN ACCORDANCE WITH THESE PLANS AND APPLICABLE STANDARD SPECIFICATIONS. WHERE GRANULAR TRENCH BACKFILL IS REQUIRED AROUND THESE STRUCTURES.
20. ALL JOINT SECTIONS IN STORM SEWER STRUCTURES SHALL BE SEALED WITH CONTINUOUS BUTYL MASTIC ROPE AND MORTARED WITH NON-SHRINK MORTAR.
21. CONNECTIONS TO EXISTING SANITARY AND STORM MANHOLES SHALL BE MADE BY CORING OR SAW-CUTTING THE EXISTING STRUCTURE. BREAKING INTO STRUCTURES WILL NOT BE ALLOWED.
22. INLINE CURB DRAINAGE STRUCTURES MAY NOT INCLUDE THE USE OF SHIMS. ALL FRAMES SHALL SIT DIRECTLY ABOVE THE ADJACENT RINGS OR FLAT TOP. OFFSET FRAMES WILL NOT BE ACCEPTED.
23. CHERT AGGREGATE SHALL NOT BE ALLOWED IN THE MANUFACTURING OF STORM SEWERS, END SECTIONS OR PRECAST DRAINAGE STRUCTURES.
24. THE VILLAGE OF BENSENVILLE SHALL BE NOTIFIED PRIOR TO THE OPENING OR CLOSING OF ALL WATER VALVES, FIRE HYDRANTS AND/OR OTHER WATER SYSTEM APPURTENANCES.
25. MINIMUM OF 5.5' OF COVER OVER WATER MAIN AND WATER SERVICES SHALL BE PROVIDED.
26. LOCATION OF EXISTING WATER MAIN IS APPROXIMATE. CONTRACTOR SHALL VERIFY IN FIELD.
27. EXISTING WATER MAIN IS DUCTILE IRON OR PVC.
28. CONTRACTOR TO VERIFY EXISTING WATER SERVICE LOCATIONS PRIOR TO CONSTRUCTION, AND CONFIRM ALL WATER SERVICES TO BE AFFECTED BY CONSTRUCTION.

**GENERAL NOTES**

1. ALL CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE SPECIFICATIONS FOR CONSTRUCTION IN THE VILLAGE OF BENSENVILLE AND IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
2. ALL STORM SEWER, SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, AND IN ACCORDANCE WITH THE SPECIFICATIONS FOR CONSTRUCTION IN THE VILLAGE OF BENSENVILLE UNLESS OTHERWISE NOTED ON THE PLANS.
3. STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, CONSTRUCTION PLANS, AND SUBSEQUENT DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THIS CONTRACT. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 AND THE VILLAGE OF BENSENVILLE FOR UTILITY LOCATIONS.
5. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC, UNLESS OTHERWISE DIRECTED BY THE OWNER AND THE OWNER'S REPRESENTATIVE.
6. CONTRACTOR SHALL PHOTOGRAPH AND VIDEO DOCUMENT THE WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS.
7. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
8. ANY EXISTING SIGNS, MAILBOXES, LIGHT STANDARDS AND UTILITY POLES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND ARE NOT NOTED ON THE PLANS FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER. ANY SIGNS NOT REQUIRED TO BE RESET, SHALL BE DELIVERED TO THE RESPECTIVE OWNERS.
9. REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, STRUCTURES ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. THE CONTRACTOR IS RESPONSIBLE FOR ANY PERMITS REQUIRED FOR SUCH DISPOSAL. THE REMOVAL SHALL BE ACCOMPLISHED BY MEANS OF A SAW CUT JOINT, AT THE DIRECTION OF THE ENGINEER.
10. ANY FIELD TILES ENCOUNTERED SHALL BE INSPECTED BY THE ENGINEER. THE DRAIN TILE SHALL BE CONNECTED TO THE STORM SEWER AND A RECORD KEPT BY THE CONTRACTOR OF THE LOCATIONS AND TURNED OVER TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
11. BEFORE ACCEPTANCE ALL WORK SHALL BE INSPECTED BY THE ENGINEER, AS NECESSARY.
12. EASEMENT FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH LOCATIONS OF THE NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.
13. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB PER OSHA REGULATIONS.
14. IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE "ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS", LATEST EDITION, THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND IN ACCORDANCE WITH THE VILLAGE OF BENSENVILLE ORDINANCES.
15. THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.
16. ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED, TO THE SATISFACTION OF THE ENGINEER, BY THE CONTRACTOR.
18. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
19. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE ENGINEER. APPROVAL TO PROCEED MUST BE OBTAINED PRIOR TO INSTALLING PAVEMENT BASE, BINDER, SURFACE AND PRIOR TO PLACING ANY CONCRETE AFTER FORMS HAVE BEEN SET.
20. IF SOFT, SPONGY OR OTHER UNSUITABLE SOILS WITH UNCONFINED COMPRESSIVE STRENGTH LESS THAN 0.5 TSF ARE ENCOUNTERED AT THE BOTTOM OF THE TRENCH, ALL SUCH MATERIAL SHALL BE REMOVED AND REPLACED WITH WELL COMPACTED CRUSHED LIMESTONE BEDDING MATERIAL. IF ROCK IS ENCOUNTERED, IT SHALL BE REMOVED TO AT LEAST SIX (6) INCHES BELOW THE BOTTOM OF THE PIPE TO ALLOW PROPER THICKNESS OF BEDDING.
21. EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND SHALL BE MAINTAINED BY THE CONTRACTOR AND REMAIN IN PLACE UNTIL A SUITABLE GROWTH OF GRASS, ACCEPTABLE TO THE ENGINEER, HAS DEVELOPED.
22. ALL TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COPIES OF ALL TEST RESULTS SHALL BE PROVIDED TO THE ENGINEER FOR REVIEW AND APPROVAL.
23. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL ITEMS REQUIRED FOR CONSTRUCTION OF THE PROJECT, AS SHOWN ON THE PLANS ARE INCLUDED IN THE CONTRACT. ANY ITEM NOT SPECIFICALLY INCLUDED IN THE CONTRACT, BUT SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN THE EVENT OF A DISCREPANCY WITH THE PLANS.
24. THE PAVEMENT SHALL BE KEPT FREE OF MUD AND DEBRIS AT ALL TIMES. IT MAY BE NECESSARY TO KEEP A SWEEPER ONSITE AT ALL TIMES.
25. CONSTRUCTION MATERIALS AND/OR EQUIPMENT MAY NOT BE STORED IN THE RIGHT-OF-WAY WITHOUT THE APPROVAL OF THE ENGINEER AND VILLAGE OF BENSENVILLE.
26. ALL DISTURBED AREAS OF THE RIGHT-OF-WAY, OUTSIDE OF THE PROPOSED PAVEMENT AND SIDEWALKS, SHALL BE FULLY RESTORED WITH A MINIMUM 4" TOPSOIL AND SOD.
27. ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES WHICH ARE NOT SPECIFICALLY INDICATED IN THE PLANS SHALL BE PERFORMED AT LOCATIONS AS DIRECTED BY THE ENGINEER.
28. THE GRADING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER. GRADING SHALL BE DONE TO ALLOW POSITIVE DRAINAGE.
29. THE TOP OF ALL STRUCTURES SHALL BE FLUSH WITH THE ADJACENT SURFACE OR AT THE INDICATED ELEVATIONS SHOWN ON THE PLANS.
30. FRAME ELEVATIONS ARE GIVEN ONLY TO ASSIST IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE COST.
31. QUANTITIES FOR ADJUSTING WATER SERVICE LINES HAVE BEEN ADDED TO THE SUMMARY OF QUANTITIES TO BE USED ONLY IF FIELD CONDITIONS REQUIRE THEIR USE.
32. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL STAGE CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT AS NECESSARY TO KEEP ACCESS DRIVEWAYS AT ALL TIMES AS INCLUDED IN THE COST OF THE CURB AND GUTTER OR DRIVEWAY CONSTRUCTION. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE ACCESS UTILIZING CRUSHED STONE OR CRUSHED GRAVEL.
33. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, BUSINESSES, RESIDENTS AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE AFFECTED BY CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES TO BUSINESSES OR RESIDENTS AND POST SIGNS AT 24 HOURS PRIOR TO PLANNING CLOSURE.
34. THE PRIME COAT APPLICATION RATE SHALL BE 0.25 LB/SF. THE TACK COAT APPLICATION RATE SHALL BE 0.05 LB/SF ON MILLED HMA AND 0.025 LB/SF BETWEEN HMA LIFTS.
35. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH METRA RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF THE RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE METRA RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.5
36. THE CONTRACTOR WILL BE REQUIRED TO COOPERATE / ACCOMMODATE THE CONSTRUCTION SCHEDULE WITH THE VILLAGE'S "MUSIC IN THE PARK" WHICH TAKES PLACE BETWEEN JUNE 1 AND OCTOBER 1 ON EVERY WEDNESDAY.

FILE NAME = 15R0650-NOTE-30 - P01

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- MAW	REVISED --
PLOT SCALE =	DRAWN -- PS	REVISED --
PLOT DATE = 2-12-18	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES**

SCALE: NONE	SHEET NO. 2	OF 36 SHEETS	STA.	TO STA.	MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
					4011	16-00098-00-PK	DUPAGE	36	2	
					CONTRACT NO. 61E55					
					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT			

LAST SAVED BY: PETER ON 2/12/18  
PLOTTED BY: PETER STEFANOVIC ON 2/12/18

DATE	
BY	
REVISIONS	
PLANNED	
CHECKED	
FILE NAME	
NO.	

DATE	
BY	
REVISIONS	
PLANNED	
CHECKED	
FILE NAME	
NO.	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	TRAINEES 0042
	20101100	TREE TRUNK PROTECTION	EACH	14	14	
	20101200	TREE ROOT PRUNING	EACH	10	10	
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1118	1118	
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3352	3352	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	700	700	
	28000510	INLET FILTERS	EACH	26	26	
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1118	1118	
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2668	2668	
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	297	297	
	35800100	PREPARATION OF BASE	SQ YD	3260	3260	
	35800200	AGGREGATE BASE REPAIR	Ton	200	200	
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	60	60	
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	14007	14007	
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	200	200	
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	Ton	1220	1220	
	40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	200	200	
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	Ton	550	550	
	40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	2002	2002	
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	50	50	
	42400800	DETECTABLE WARNINGS	SQ FT	70	70	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	51	51	
	44000300	CURB REMOVAL	FOOT	650	650	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	900	900	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE		
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	TRAINEES 0042
	44000600	SIDEWALK REMOVAL	SQ FT	4251	4251	
	44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	150	150	
	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	21	21	
	550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	309	309	
	550B2510	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 2 10"	FOOT	27	27	
	60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	325	325	
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2	
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1	
	60201110	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11V FRAME AND GRATE	EACH	1	1	
	60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	
	60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2	2	
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1	
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
	60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1	
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2	2	
	60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	1	1	
	60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	1	1	
	60600605	CONCRETE CURB, TYPE B	FOOT	1539	1539	
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1286	1286	
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2125	2125	
	67100100	MOBILIZATION	LSUM	1	1	
*	72000100	SIGN PANEL - TYPE 1	SQ FT	37	37	

\* - INDICATES SPECIALTY ITEMS

FILE NAME = 15R0650-QUAN-30 - P01

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- MAW	REVISED --
PLOT SCALE =	DRAWN -- PS	REVISED --
PLOT DATE = 2-12-18	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
SUMMARY OF QUANTITIES

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00096-00-PK	DUPAGE	36	3
CONTRACT NO. 61E55				
SCALE: NONE		SHEET NO. 3 OF 36 SHEETS		STA. TO STA.
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NO.	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
REVISIONS	
PLANNED	
GRADES	
CHECKED	
NO.	
PROFILE	
NOTE BOOK	
NO.	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	TRAINEES 0042
*	72900100	METAL POST - TYPE A	FOOT	167	167	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	95	95	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2512	2512	
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	505	505	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	155	155	
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	28	28	
	Z0003855	BICYCLE RACKS	EACH	2	2	
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	16	16	
	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	6	6	
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1	
	Z0076600	TRAINEES	HOUR	500		500
	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500		500
	X0322080	BUS SHELTER REMOVE AND RELOCATE	EACH	1	1	
	X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	2	2	
	X0323389	STORM SEWER CONNECTION	EACH	10	10	
*	X0324915	RELOCATE LIGHTING UNITS AND POLES	EACH	2	2	
	X0326275	RAILROAD RIGHT-OF-WAY ENTRY PERMIT	EACH	1	1	
	X1200046	STORM SEWERS, CLASS B, TYPE 2 8"	FOOT	50	50	
	X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	510	510	
	X2080250	TRENCH BACKFILL, SPECIAL	CU YD	120	120	
	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100	
	X2520650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	700	700	

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE	
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004	TRAINEES 0042
	X4230800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL	SQ YD	90	90	
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	4917	4917	
	X4404400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	1880	1880	
	X5510100	STORM SEWER REMOVAL	FOOT	20	20	
*	X5620128	ADJUSTING WATER SERVICE LINES	EACH	2	2	
	X6025620	CATCH BASINS, TYPE A, 5'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	2	2	
	X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	150	150	
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	
	X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	122	122	
*	X8360095	EXISTING LIGHT POLE FOUNDATION ADJUSTMENT	EACH	9	9	
	XX001621	BRICK PAVER REMOVAL	SQ FT	420	420	
	XX003816	FURNISHING AND INSTALLING CONCRETE WHEEL STOPS	EACH	14	14	
	XX005690	STORM SEWER, DUCTILE IRON PIPE, CLASS 52 12"	FOOT	110	110	
	XX007852	PEDESTRIAN BENCH, FURNISH AND INSTALL	EACH	2	2	
	XX007857	TRASH RECEPTACLE, FURNISH & INSTALL	EACH	5	5	
	XX008257	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	8800	8800	
	XX009156	OVERHEAD PARKING NUMBERING	LSUM	1	1	
	XX009221	STAMPED COLORED PORTLAND CEMENT CONCRETE CROSSWALK, 10 INCH	SQ FT	300	300	

\* - INDICATES SPECIALTY ITEMS

FILE NAME = 15R0890-QUAN-30 - P02

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- MAW	REVISED --
PLOT SCALE =	DRAWN -- PS	REVISED --
PLOT DATE = 2-12-18	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

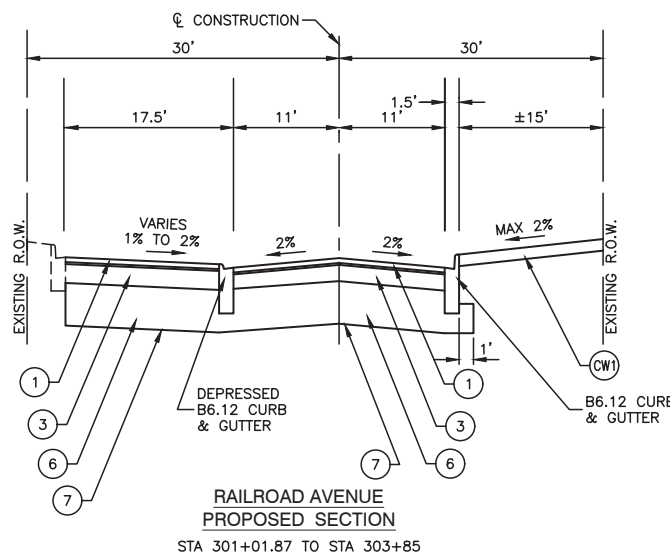
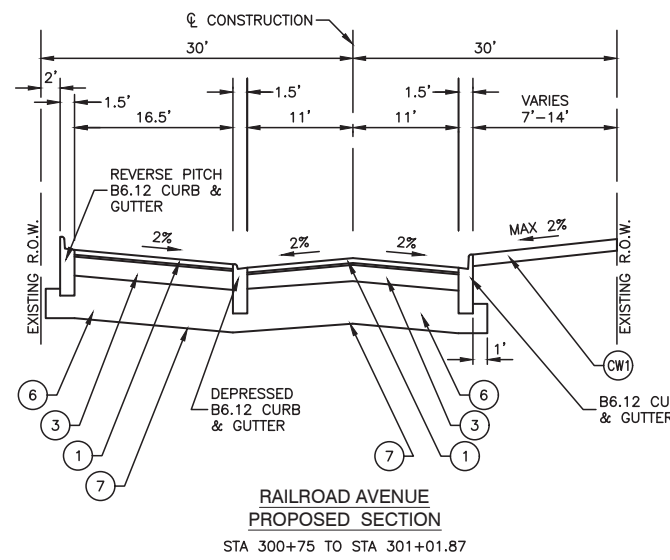
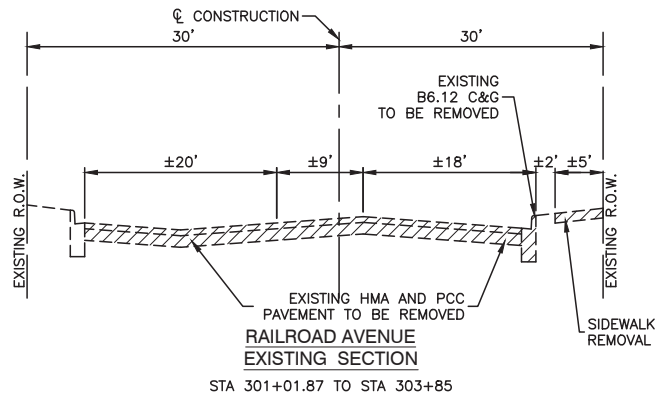
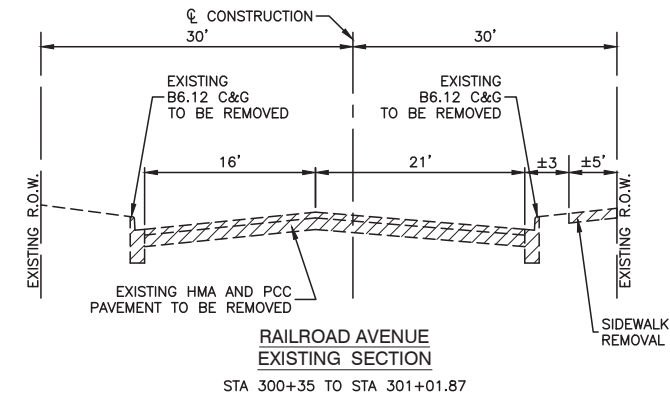
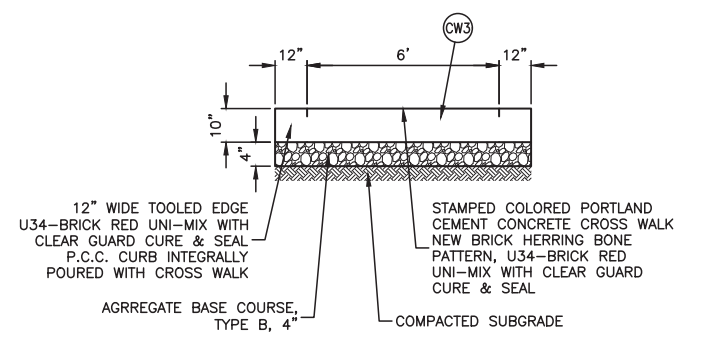
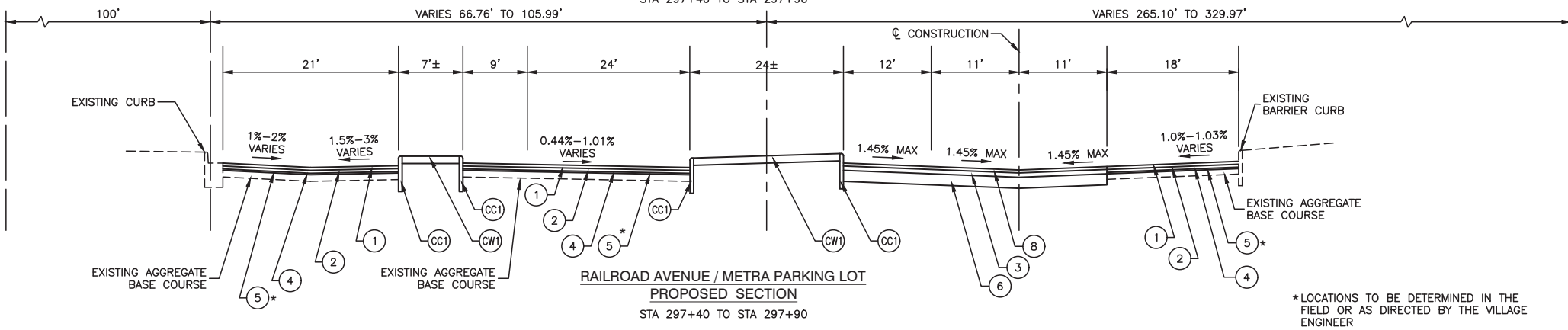
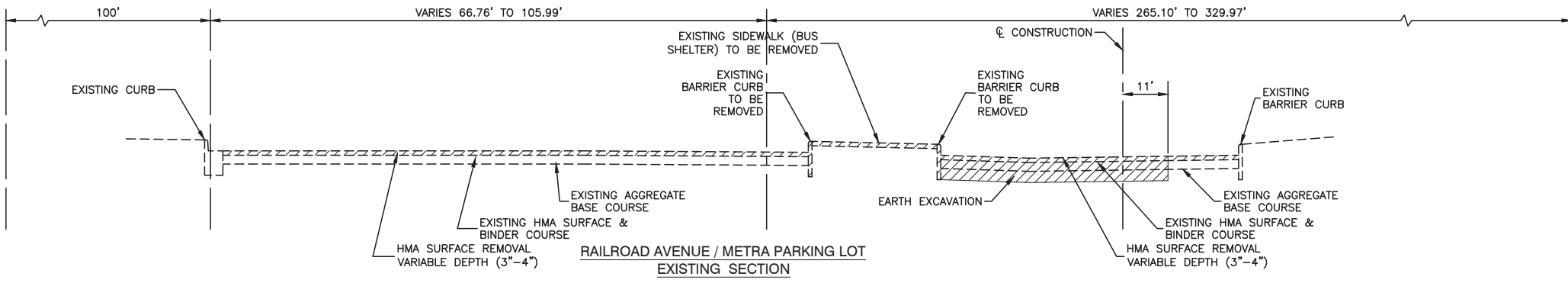
PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00096-00-PK	DUPAGE	36	4
CONTRACT NO. 61E55				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
NOTED	
DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
NOTED	

DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
NOTED	
DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
NOTED	



HOT MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
<b>RESURFACING - PARKING LOT</b>	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, - 2.25"	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5MM) - 2"	4% @ 50 Gyr.
<b>FULL DEPTH PAVEMENT - RAILROAD AVENUE</b>	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, - 5"	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5MM) - 2"	4% @ 50 Gyr.
<b>HEAVY DUTY PAVEMENT - RAILROAD AVENUE</b>	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, - 5" (2 LIFTS)	4% @ 50 Gyr.
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, - 2"	3.5% @ 80 Gyr.
<b>PATCHING</b>	
CLASS D PATCHES, TYPE IV (HMA BINDER IL-19.0mm) - 4"	4% @ 70 Gyr.

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

- LEGEND**
- ① HOT-MIX SURFACE COURSE, MIX D, N50 - 2"
  - ② HOT-MIX BINDER COURSE, IL-19.0, N50 - 2 1/4"
  - ③ HOT-MIX BINDER COURSE, IL-19.0, N50 - 5"
  - ④ PREPARATION OF BASE
  - ⑤ AGGREGATE BASE REPAIR
  - ⑥ AGGREGATE BASE COURSE, TYPE B, 6" (CA-6, GRADE B CRUSHED LIMESTONE, VIRGIN MATERIAL ONLY)  
AGGREGATE SUBGRADE IMPROVEMENT - 12" (IF NEEDED) ON 6-6.5 OZ/SQ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IN DIRECTION OF VILLAGE ENGINEER
  - ⑦ POLYMERIZED HOT-MIX SURFACE COURSE, STONE MATRIX ASPHALT, N80 - 2"
  - CC1 PROPOSED CONCRETE CURB, TYPE B
  - CC2 PROPOSED CONCRETE CURB, TYPE B (SPECIAL)
  - CW1 PROPOSED STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
  - CW3 PROPOSED STAMPED COLORED PORTLAND CEMENT CONCRETE CROSSWALK, 10 INCH AGGREGATE BASE COURSE, TYPE B, 4"

FILE NAME = 15R0650-TYPX-30 - P01

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- MAW	REVISED --
PLOT SCALE =	DRAWN -- PS	REVISED --
PLOT DATE = 2-12-18	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION MUN 4011 (RAILROAD AVENUE) TYPICAL SECTIONS			
SCALE: NONE	SHEET NO. 5	OF 36 SHEETS	STA. TO STA.

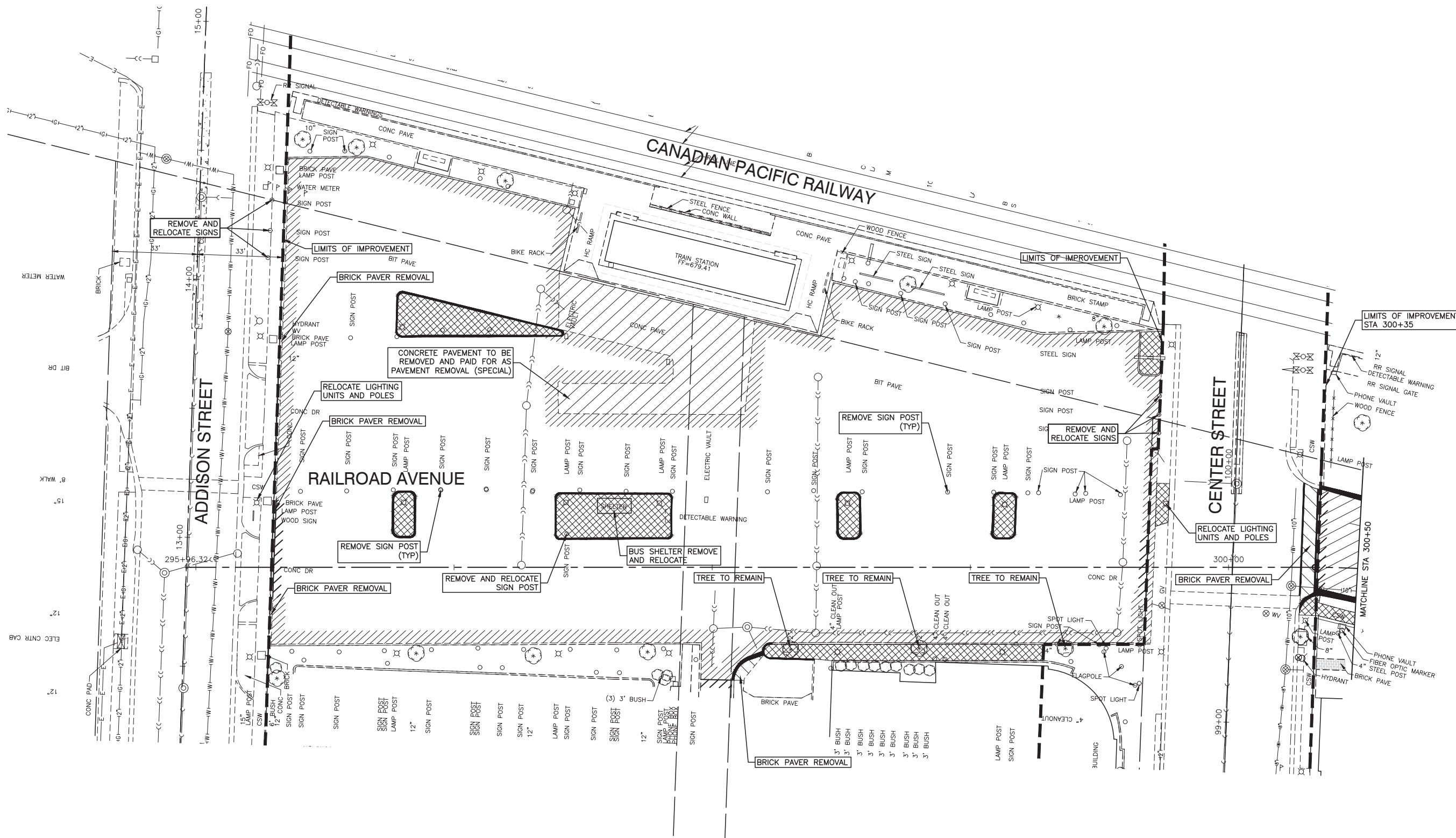
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	5
CONTRACT NO. 61E55				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LAST SAVED BY: PETER ON 2/12/18  
 PLOTTED BY: PETER STEFANOVIC ON 2/12/18



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

PROFILE	SURVEYED	CHECKED
NOTE BOOK NO.	GRADES	NOTED
BY	DATE	



**NOTES:**

1. REMOVAL OF EXISTING WHEEL STOPS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF VARIOUS ITEMS.
2. REMOVAL OF EXISTING SIGN POST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF VARIOUS ITEMS.
3. ALL EXISTING PARKING NUMBER SIGN POSTS SHALL BE REMOVED.
4. EXISTING PARKING LOT IS OWNED AND/OR MAINTAINED BY THE VILLAGE OF BENSENVILLE.

**LEGEND**

	CONCRETE CURB & GUTTER REMOVAL AND/OR CURB REMOVAL		CONCRETE SIDEWALK REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL - (VARIABLE DEPTH)		BRICK PAVER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		PAVEMENT REMOVAL (SPECIAL)
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		CLASS "D" PATCHES, TYPE IV, 4 INCH

FILE NAME = 15R0650-DEMO-30 - EXST01

USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — MAW	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
EXISTING CONDITIONS & REMOVALS

SCALE: 1"=20'

SHEET NO. 6 OF 36 SHEETS STA. TO STA.

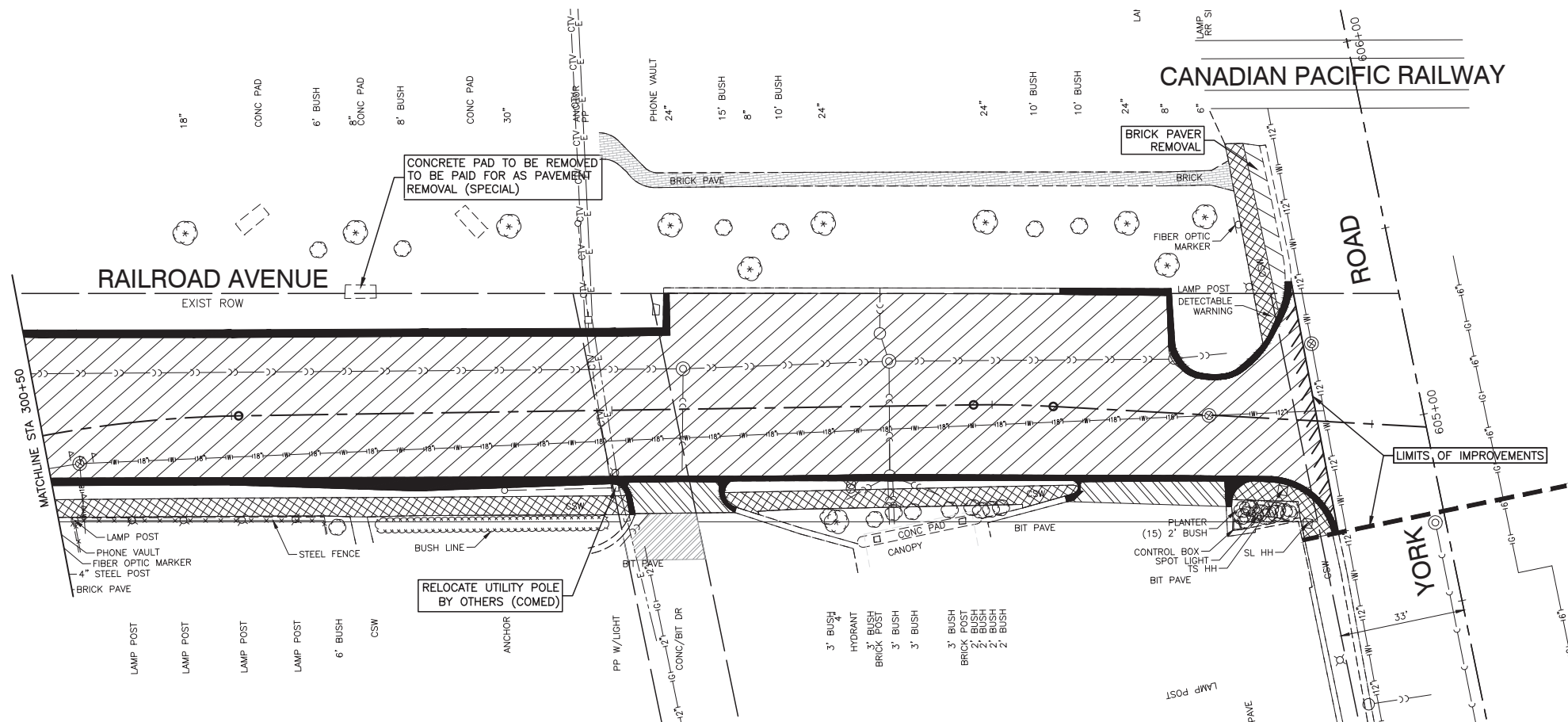
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	6
CONTRACT NO. 61E55				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LAST SAVED BY: PETER ON 2/12/18  
PLOTTED BY: PETER STEFANOVIC ON 2/12/18



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

PROFILE	SURVEYED	CHECKED	DATE
NOTE BOOK NO.	GRADES	NOTED	
	BY		



**NOTES:**

- REMOVAL OF EXISTING WHEEL STOPS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF VARIOUS ITEMS.
- REMOVAL OF EXISTING SIGN POST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF VARIOUS ITEMS.
- ALL EXISTING PARKING NUMBER SIGN POSTS SHALL BE REMOVED.
- EXISTING PARKING LOT IS OWNED AND/OR MAINTAINED BY THE VILLAGE OF BENSENVILLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PLANTINGS, BARRIER CURB AND STEEL FENCE ALONG THE SOUTH SIDE OF RAILROAD AVE.

**LEGEND**

	CONC CURB & GUTTER REMOVAL AND/OR CURB REMOVAL		CONCRETE SIDEWALK REMOVAL
	HOT-MIX ASPHALT SURFACE REMOVAL - (VARIABLE DEPTH)		BRICK PAVER REMOVAL
	DRIVEWAY PAVEMENT REMOVAL		PAVEMENT REMOVAL (SPECIAL)
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		CLASS "D" PATCHES, TYPE IV, 4 INCH

FILE NAME = 15R0650-DEMO-30 - EXST02

USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — MAW	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
EXISTING CONDITIONS & REMOVALS

SCALE: 1"=20' SHEET NO. 7 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	7
CONTRACT NO. 61E55				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

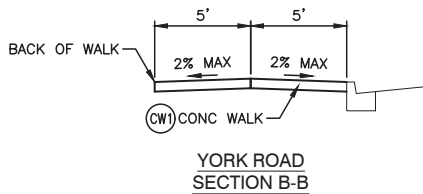
LAST SAVED BY: PETER ON 2/12/18  
PLOTTED BY: PETER STEPANOVIC ON 2/12/18





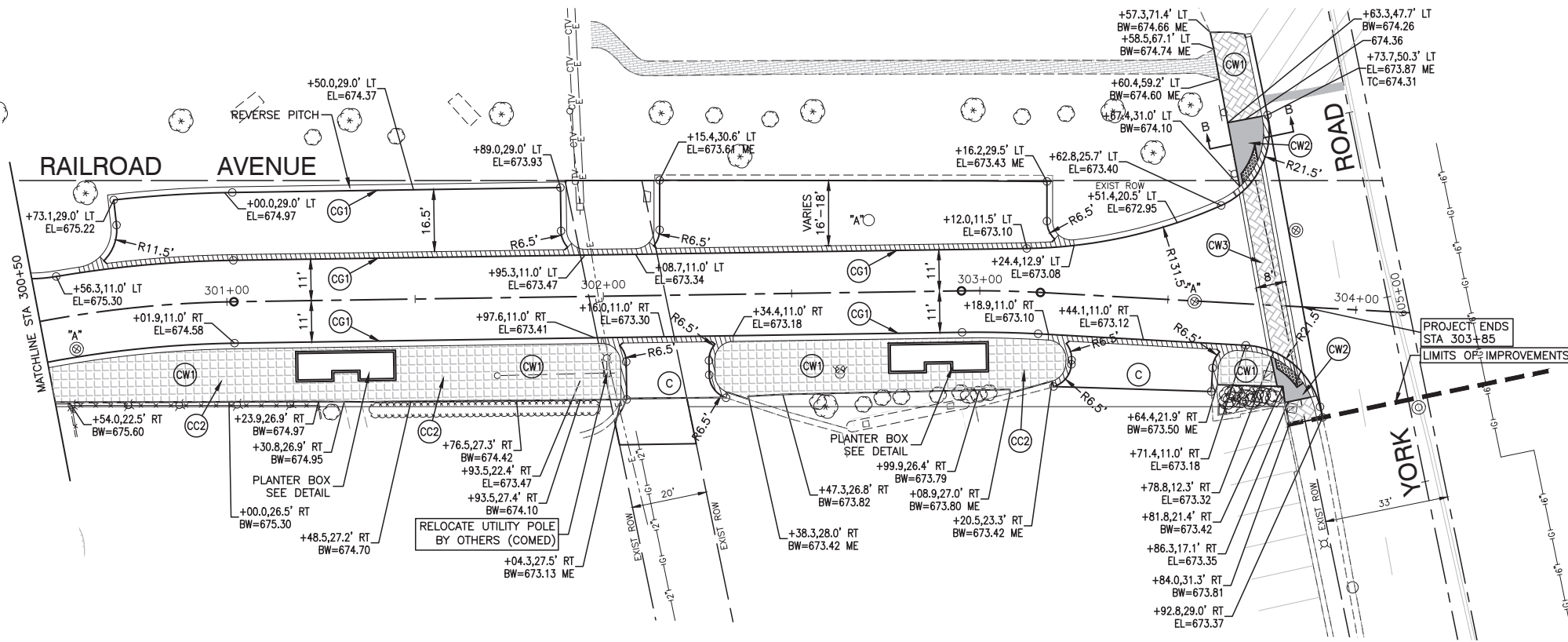
PLAN	SURVEYED	CHECKED
NOTE BOOK NO.	ALIGNED	FILE NAME
BY	DATE	

PROFILE	SURVEYED	CHECKED
NOTE BOOK NO.	GRADES	NOTED
BY	DATE	



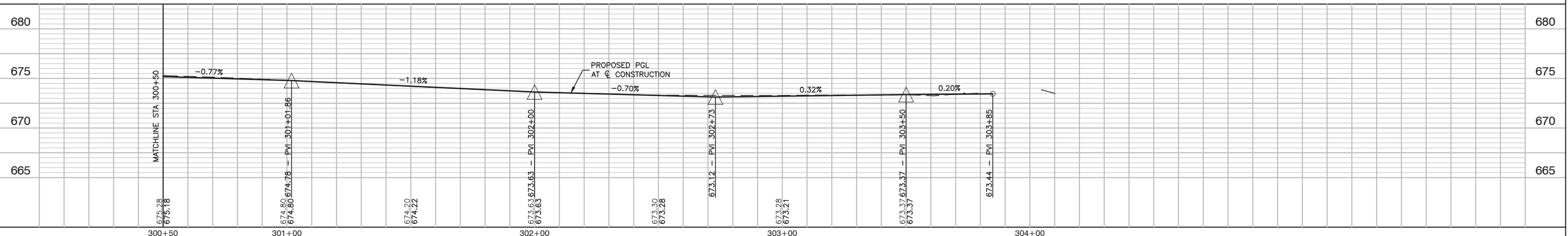
NOTES

- ALL PROPOSED GRADES ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED
- CURB SHALL BE DEPRESSED AT ALL DRIVEWAY LOCATIONS AND CROSSWALK LOCATIONS
- DEPRESSED CURB ALONG THE SIDES OF DRIVEWAYS AND AT CURB CUTS SHALL MEET ADA REQUIREMENTS
- FOR PLANTER BOX DETAILS SEE SHEET 21



LEGEND

- (CG1) PROPOSED COMBINATION CURB AND GUTTER TYPE B-6.12 DEPRESS CURB AT SIDEWALK RAMPS, DRIVEWAYS AND ON STREET PARKING
- (CC1) PROPOSED CONCRETE CURB, TYPE B
- (CC2) PROPOSED CONCRETE CURB, TYPE B (SPECIAL)
- (C) PROPOSED PORTLAND CEMENT CONCRETE DRIVEWAY, 8" (COMMERCIAL) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (CW1) PROPOSED STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- (CW2) PROPOSED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- (CW3) PROPOSED STAMPED COLORED PORTLAND CEMENT CONCRETE CROSSWALK, 10 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- (CW4) PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 5" AGGREGATE BASE COURSE, TYPE B, 4"
- [Pattern] ASHLER SLATE PATTERN (BST-4000)
- [Pattern] NEW BRICK HERRINGBONE PATTERN (BST-6000)
- [Pattern] HEAVY DUTY ASPHALT PAVEMENT
- [Pattern] CLASS D PATCHES, TYPE IV, 4 INCH
- [Pattern] PROPOSED DETECTABLE WARNING (ALL RAMPS SHALL HAVE A MAX. 2% SLOPE)
- [Pattern] DEPRESSED CURB LOCATIONS
- TC TOP OF CURB
- BW BACK OF WALK
- "A" STRUCTURE TO BE ADJUSTED



FILE NAME = 15R0650-PLPR-30 - IDOT PLPR02  
 LAST SAVED BY: PETER PANOVIC ON 5/2/2018  
 PLOTTED BY: PETER PANOVIC ON 5/2/2018

USER NAME =	DESIGNED — JR	REVISED —
CHECKED — MAW	REVISED —	
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
 MUN 4011 (RAILROAD AVENUE)  
 PLAN & PROFILE

SCALE: H 1"=20' V 1"=5' SHEET NO. 9 OF 36 SHEETS STA. TO STA.

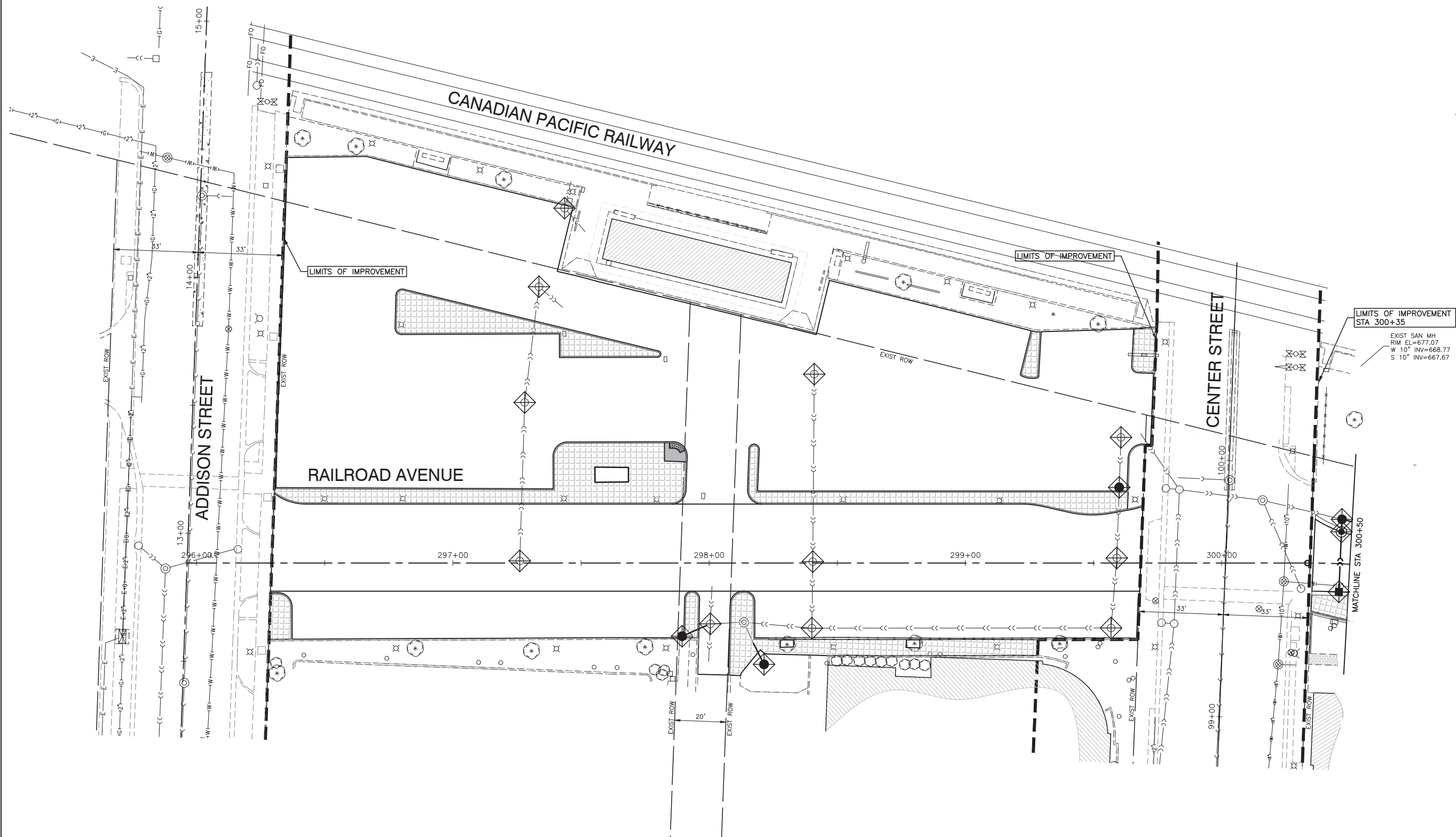
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	9
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT	





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

PROFILE	SURVEYED	CHECKED	DATE
NOTE BOOK NO.	GRADES	B.M. NOTED	BY



**LEGEND**

	INLET FILTER
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FILE NAME = 15R0650-EROS-30 - ER01

USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — MAW	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
EROSION CONTROL PLAN

SCALE: 1"=20'

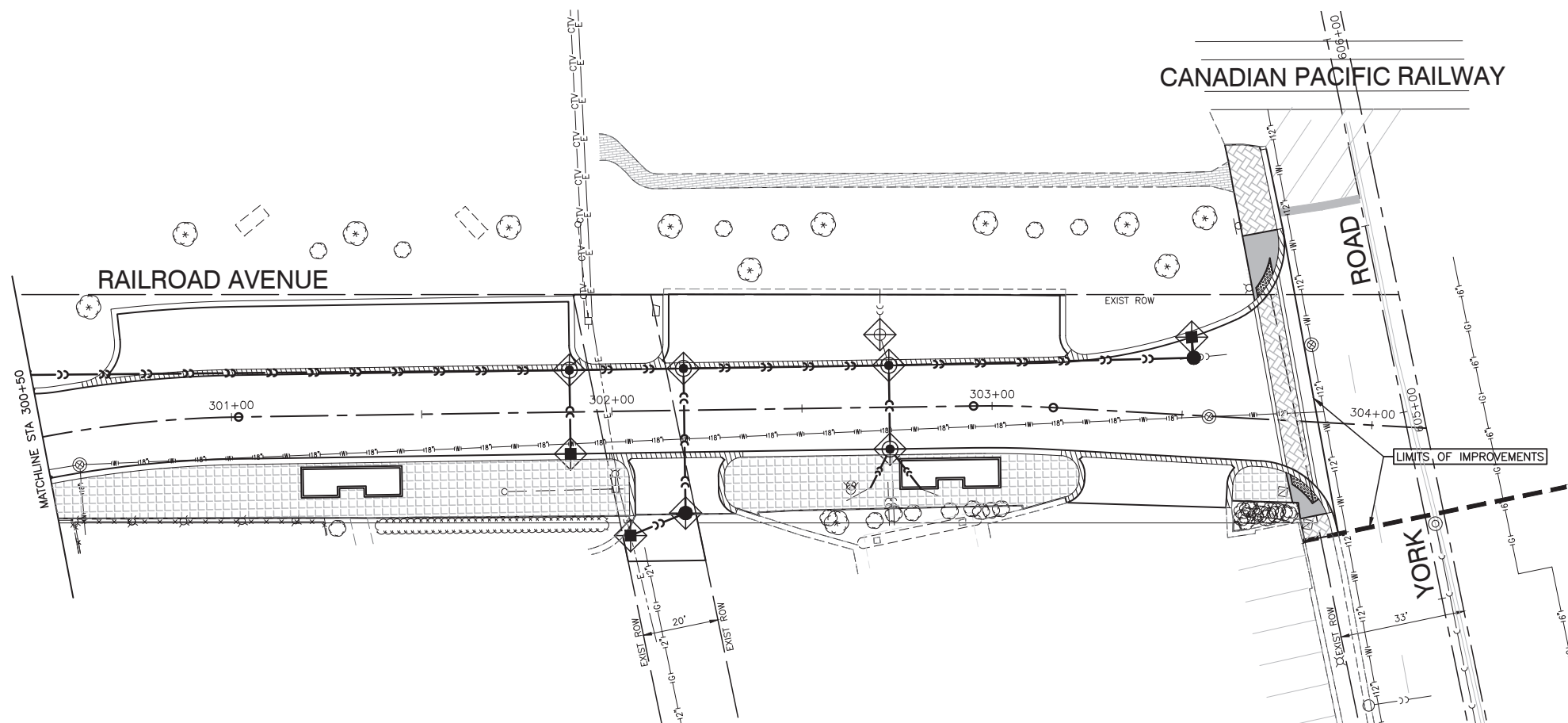
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	11
CONTRACT NO. 61E55				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LAST SAVED BY: PETER PANOVIC ON 1/20/18  
PLOTTED BY: PETER PANOVIC ON 2/13/18



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

PROFILE	SURVEYED	CHECKED	DATE
NOTE BOOK NO.	GRADES	B.M. NOTED	BY



LEGEND



INLET FILTER

FILE NAME = 15R0650-EROS-30 - ER02

USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — MAW	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
EROSION CONTROL PLAN

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00096-00-PK	DUPAGE	36	12
CONTRACT NO. 61E55				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SCALE: 1"=20' SHEET NO. 12 OF 36 SHEETS STA. TO STA.

LAST SAVED BY: PETERPANOVIC ON 1/20/18  
PLOTTED BY: PETER PANOVIC ON 2/13/18

**SECTION 14, TOWNSHIP 40, RANGE 11**

**GENERAL NOTES**

THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES ILR10 CONSTRUCTION GENERAL PERMIT (CGP) ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORMWATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING THE QUALIFIED PERSONNEL AND FOR PERFORMING THE REQUIRED INSPECTIONS.

**1. PROJECT DESCRIPTION**

THE PROJECT CONSISTS OF THE RECONSTRUCTION OF ROADWAY, ROADWAY RESURFACING, DRIVEWAY REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL AND REPLACEMENT, PARKWAY GRADING AND RESTORATION. THE TOTAL AREA OF DISTURBANCE IS APPROXIMATELY 2 ACRES.

**2. EXISTING SITE CONDITIONS AND SURROUNDING AREAS**

THE WORK IS CONTAINED WITHIN THE VILLAGE OF BENSENVILLE RIGHT-OF-WAY AND MINOR DISTURBANCE ON PRIVATE PROPERTY AND RAILROAD OWNED PROPERTY. AREAS SURROUNDING THE PROJECT ARE COMMERCIAL.

**3. SOILS**

THE SOILS WITHIN THE PROJECT SITE ARE A MIXTURE OF ORTHENTS, CLAYEY, UNDULATING. EXCAVATION OUTSIDE OF PAVED AREAS WILL BE BACKFILLED WITH NATIVE SOILS.

**4. CRITICAL AREAS**

THE PROJECT SITE CONTAINS NO CRITICAL AREAS.

**5. STANDARD SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES**

SOIL EROSION AND SEDIMENT CONTROL PRACTICES FOR THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAILS AS PROVIDED IN THE PLANS. ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO STARTING EACH PHASE OF CONSTRUCTION. AFTER AWARD OF THE CONTRACT, THE CONTRACTOR FOR THE PROJECT SHALL SIGN THIS PLAN ACKNOWLEDGING RESPONSIBILITY FOR THE IMPLEMENTATION OF ON-GOING MAINTENANCE OF THIS PLAN. THE EROSION CONTROL PRACTICES SHALL BE INSPECTED AT LEAST WEEKLY, AND AFTER ANY RAINFALL GREATER THAN 0.5". ANY VISIBLE DISRUPTION TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED. ANY EXISTING SUBSURFACE DRAINAGE SYSTEMS OR FIELD TILES THAT ARE DISTURBED DURING THE CONSTRUCTION SHALL BE RESTORED. TOPSOIL SHALL BE STRIPPED AT THE TIME OF EXCAVATION AND REPLACED DURING THE BACKFILL OPERATION. ANY DUST OR MUD FROM THIS PROJECT TRACKED ONTO PUBLIC STREETS SHALL BE CLEANED UP AT THE END OF EACH WORKING DAY.

**6. PERMANENT STABILIZATION PLANS**

TOPSOIL & SOD SHALL BE INSTALLED ON ALL DISTURBED AREAS IN UNPAVED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL VEGETATION AND SODDED AREAS FOR A PERIOD OF ONE-YEAR AFTER COMPLETION OF THE PROJECT.

**7. MAINTENANCE OF EROSION CONTROL PRACTICES**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF EROSION CONTROL PRACTICES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL DESIGNATE A CONTACT PERSON FOR MAINTENANCE FOR ENSURING ALL VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN ARE KEPT IN GOOD AND EFFECTIVE OPERATING CONDITIONS.

THE PROCEDURES SET FORTH IN THE ILLINOIS URBAN MANUAL SHALL BE FOLLOWED WHERE APPLICABLE. IF NOT, APPLICABLE PROCEDURES SHALL BE FOLLOWED IN ACCORDANCE WITH MANUFACTURERS STANDARDS.

**CONSTRUCTION SEQUENCE**

1. INSTALL EROSION CONTROL
  - A. INLET FILTERS ON EXIST DRAINAGE STRUCTURES
2. UNDERGROUND UTILITIES
  - A. RAILROAD AVENUE
  - B. INSTALL INLET FILTERS ON NEW STORM SEWER STRUCTURES
3. RECONSTRUCTION OF ROADWAY
  - A. RAILROAD AVENUE
4. UNDERGROUND UTILITIES
  - A. VILLAGE / METRA PARKING LOT
  - B. INSTALL INLET FILTERS ON NEW STORM SEWER STRUCTURES
5. RESURFACING/SIDEWALK R&R
  - A. VILLAGE / METRA PARKING LOT
  - B. YORK ROAD

**INSPECTIONS**

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE, WHICH HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER (OR EQUIVALENT SNOWFALL).

- A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF OR THE POTENTIAL FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE IMPROVEMENT PLANS SHALL BE OBSERVED TO ENSURE THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.
- B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN THE PROJECT DESCRIPTION AND POLLUTION PREVENTION MEASURES IDENTIFIED UNDER EROSION AND SEDIMENT CONTROLS SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.
- C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, DATE(S) OF THE INSPECTION(S), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN AND ACTIONS TAKEN IN ACCORDANCE WITH THE ABOVE SECTION B SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.
- D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE INSPECTOR SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF THE NONCOMPLIANCE, ACTIONS TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF WATER POLLUTION CONTROL  
ATTN: COMPLIANCE ASSURANCE SECTION  
1021 NORTH GRAND EAST  
POST OFFICE BOX 19276  
SPRINGFIELD, ILLINOIS 62794-9276

(WITH COPIES SENT TO THE OWNER AND ENGINEER)

**DESCRIPTION OF STORMWATER MANAGEMENT CONTROLS**

1. INSTALL INLET FILTERS ON ALL EXISTING DRAINAGE STRUCTURES WITHIN THE ROADWAY RECONSTRUCTION AREAS OR AS DIRECTED BY THE ENGINEER IN THE FIELD.
2. AFTER CONSTRUCTION OF THE PROPOSED STORM SEWER, PLACE INLET FILTERS PER THE DETAIL ON THE PLANS OR APPROVED EQUAL IN ALL STORM STRUCTURES ACCEPTING SURFACE FLOW.
3. INSTALL PERMANENT EROSION CONTROL MEASURES (SOD) OR OTHER TYPES OF SEED AND BLANKET AS SHOWN ON THE EROSION CONTROL PLAN.

**STABILIZATION PRACTICES**

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR THAT WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION IS INDICATED. EACH SUCH CONTRACTOR SHALL SIGN THE REQUIRED CERTIFICATION ON FORMS WHICH ARE PART OF THIS PLAN.

1. INSTALL ONSITE SEDIMENT CONTROL MEASURES AS SHOWN ON THE IMPROVEMENT PLANS PRIOR TO INITIATING CONSTRUCTION.
2. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA.
3. TEMPORARY SEED MIXTURE SHALL BE APPLIED AT 100 LBS/ ACRE OR 150 LBS/ ACRE DEPENDING ON THE SEED MIXTURE USED.
4. TOPSOIL STOCKPILES SHALL BE SEEDED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA. ALL SOIL STORAGE PILES SHALL BE PROTECTED FROM EROSION WITH SILT FENCE ON THE DOWNSLOPE SIDE OF THE PILES.
5. WATER PUMPED DURING CONSTRUCTION OPERATION SHALL BE FILTERED.
6. DUST CONTROL SHALL BE PERFORMED ON A DAILY BASIS USING WATER DISPERSED FROM TRUCK MOUNTED TANK WITH STANDARD DISCHARGE HEADER TO PROVIDE A UNIFORM RATE OF APPLICATION.
7. PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. ANY SEDIMENT REACHING A PUBLIC ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORKING DAY.
8. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE.
9. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE MUNICIPALITY AS CONSTRUCTION PROGRESSES.
10. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED AND DISPOSED OF WITHIN 30 DAYS OF FINAL STABILIZATION.
11. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE IN ACCORDANCE WITH THE VILLAGE OF BENSENVILLE ORDINANCES.
12. SPECIFIC EROSION CONTROLS ARE SHOWN ON THE EROSION CONTROL PLAN IN THIS SET.

**NON-STORMWATER DISCHARGES**

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT IS COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE.

- WATERMAIN FLUSHING
- FIRE HYDRANT FLUSHING
- GROUNDWATER (TRENCH DE-WATERING WATER)
- WATERING FOR DUST CONTROL
- DRAINAGE FOR VEGETATIVE GROWTH

**APPROVED STATE OR LOCAL PLANS**

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, LATEST EDITION. REQUIREMENTS SPECIFIED IN THE SWPPP, OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE TO BE AUTHORIZED TO DISCHARGE UNDER PERMITS ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

**EROSION CONTROL NOTES**

THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL WASTE SUCH AS DISCARDED CONSTRUCTION MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY.

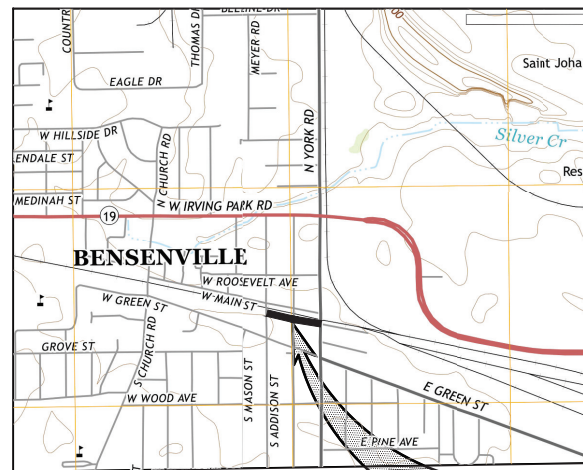
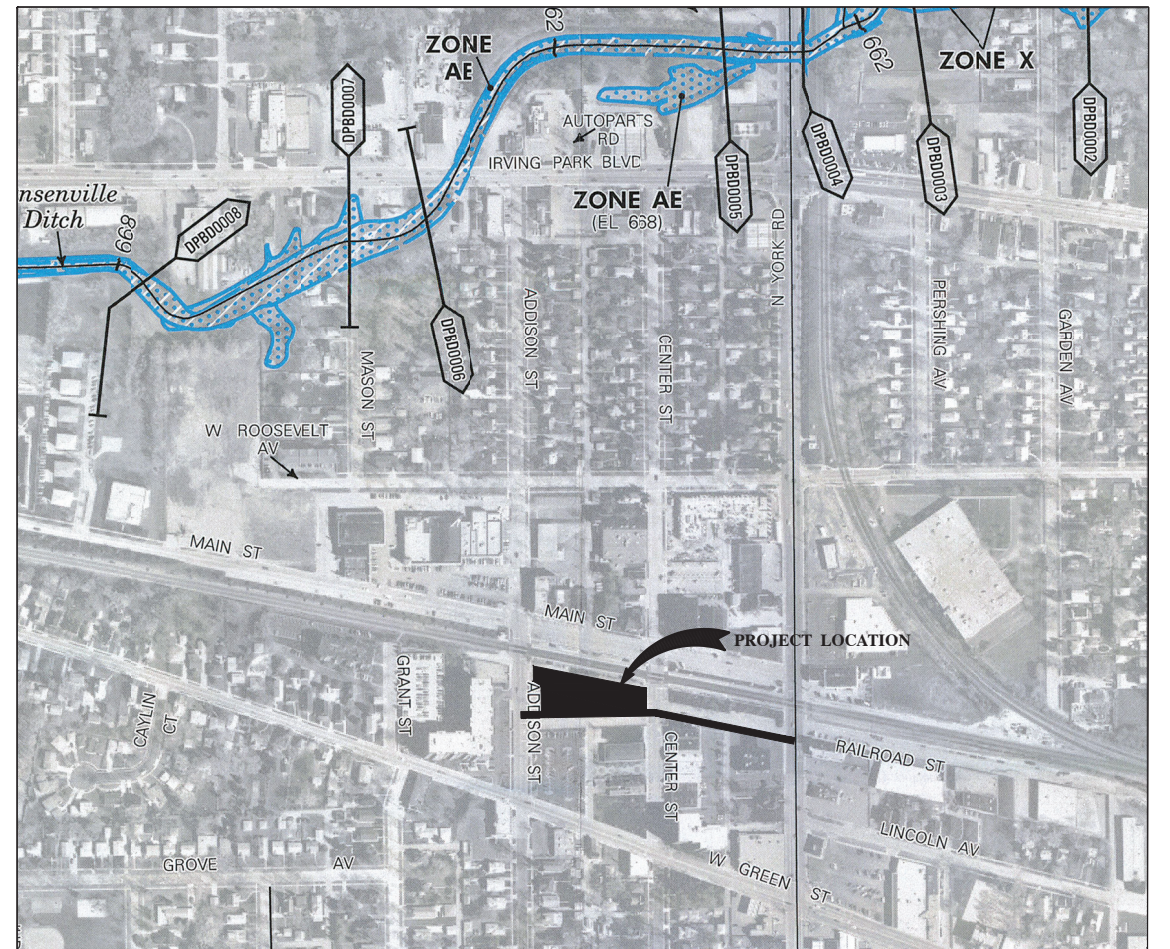
ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.

ANY OBSERVED DISRUPTION TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR.

ANY DUST OR MUD TRACKED ONTO STREETS SHALL BE CLEANED AT THE END OF EACH WORKING DAY.

STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA.

TEMPORARY SEEDING SHALL BE FERTILIZED WITH 500 LBS/ACRE OF 10-10-10 FERTILIZER OR EQUIVALENT. (TO BE USED AT THE DISCRETION OF THE ENGINEER).



**PROJECT LOCATION**

SOIL STABILIZATION CHART												
Stabilization Type	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
Permanent Seeding									sept. 15			
Dormant Seeding												
Temporary Seeding												
Sod												
Mulching												
Erosion Control Blanket												
Permanent Seeding	IDOT CLASS 1A Mix 90 lbs/acre		IDOT CLASS 4A Mix 76.5 lbs/acre		IDOT CLASS 4B Mix 16.0 lbs/acre							
Dormant Seeding	Perennial Ryegrass 50.0 lbs/acre		Oats 90.0 lbs/acre		Cereal Rye 90.0 lbs/acre		Wheat 90.0 lbs/acre		Straw Mulch 2 ton/acre			
Temporary Seeding	Perennial Ryegrass 25.0 lbs/acre		Oats 90.0 lbs/acre		Cereal Rye 90.0 lbs/acre		Wheat 90.0 lbs/acre					
Mulch	Straw Mulch 2 ton/acre											
Erosion Control Blanket	North American Green 5-75 (Or Approved Equal)											

FILE NAME = 15R0650-SWPP-30 - SWPPP

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- MAW	REVISED --
PLOT SCALE =	DRAWN -- PS	REVISED --
PLOT DATE = 2-12-18	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
STORMWATER POLLUTION AND PREVENTION PLAN

SCALE: NONE

SHEET NO. 13 OF 36 SHEETS

STA. TO STA.

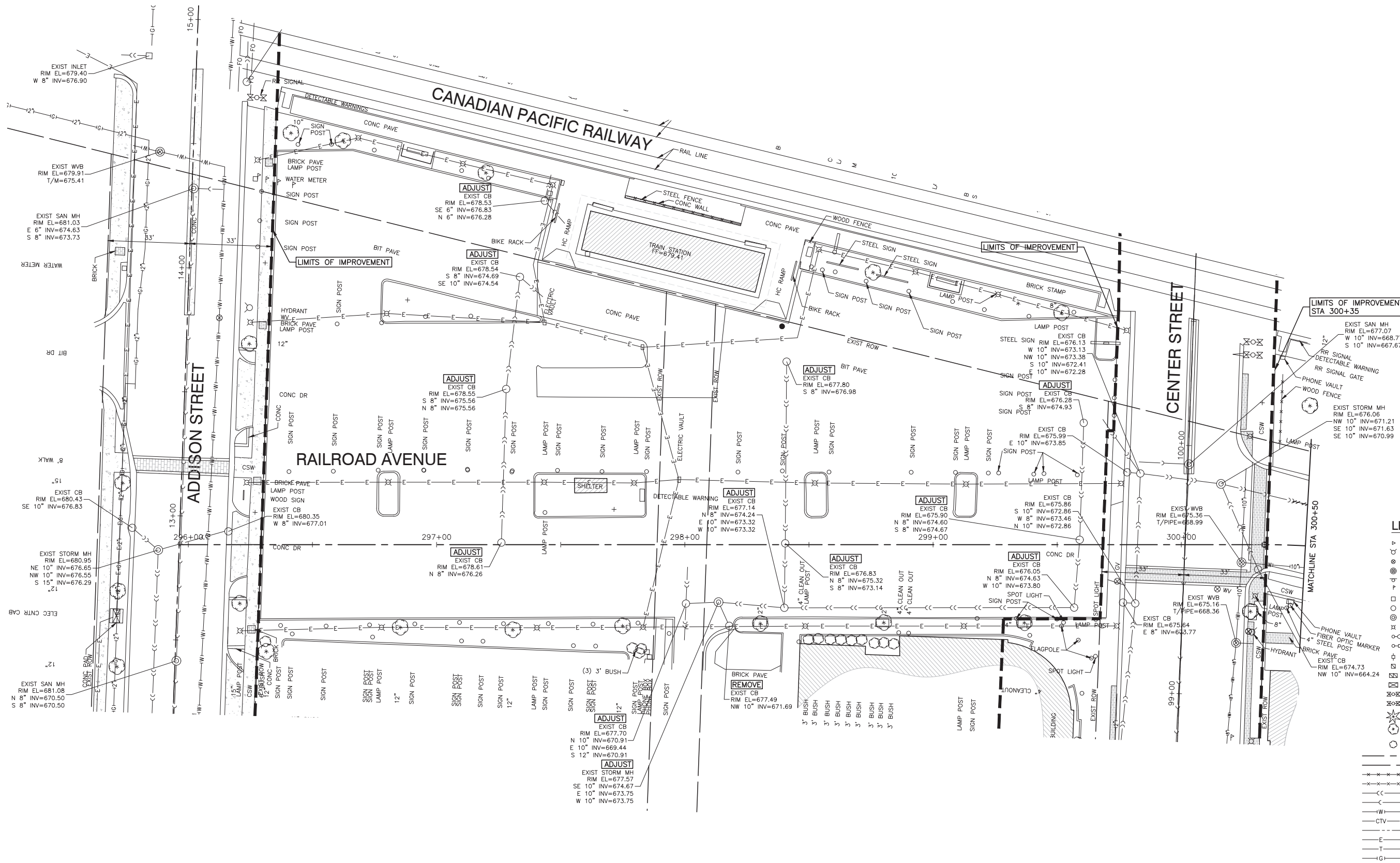
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	13
CONTRACT NO. 61E55				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LAST SAVED BY: PETER ON 2/12/18  
PLOTTED BY: PETER STEFANOVIC ON 2/12/18



DATE	BY	DATE	BY
PLAN	SURVEYED	CHECKED	ALIGNED
	PLOTTED		
	NOTE BOOK		

DATE	BY	DATE	BY
PROFILE	SURVEYED	CHECKED	GRADES
	PLOTTED		
	NOTE BOOK		



**LEGEND - EXISTING**

- △ BUFFALO BOX
- FIRE HYDRANT
- ▽ VALVE
- ⊕ VALVE BASIN
- SIGN
- ◇ MARKER FLAG
- INLET
- CATCH BASIN
- MANHOLE
- YARD LIGHT
- ALUMINUM LIGHT POLE
- STEEL LIGHT POLE
- POWER POLE
- HANDHOLE / SPLICE BOX
- DOUBLE HANDHOLE / SPLICE BOX
- CONTROL CABINET / RAILROAD BOX
- RAILROAD SIGNAL
- RAILROAD GATE
- EVERGREEN
- TREE
- BUSH / HEDGE
- CENTERLINE / BASELINE
- RIGHT OF WAY
- CHAIN LINK FENCE
- WOOD FENCE
- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- BURIED CABLE TV
- OVERHEAD ELECTRIC
- BURIED ELECTRIC
- BURIED TELEPHONE
- GAS MAIN

**LEGEND - PROPOSED**

- WATER MAIN TO BE REMOVED
- STORM SEWER TO BE REMOVED

FILE NAME = 15R0650-STRM-30 - REM01

USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — MAW	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
DRAINAGE & UTILITIES - REMOVAL PLAN

SCALE: 1"=20' SHEET NO. 14 OF 36 SHEETS STA. TO STA.

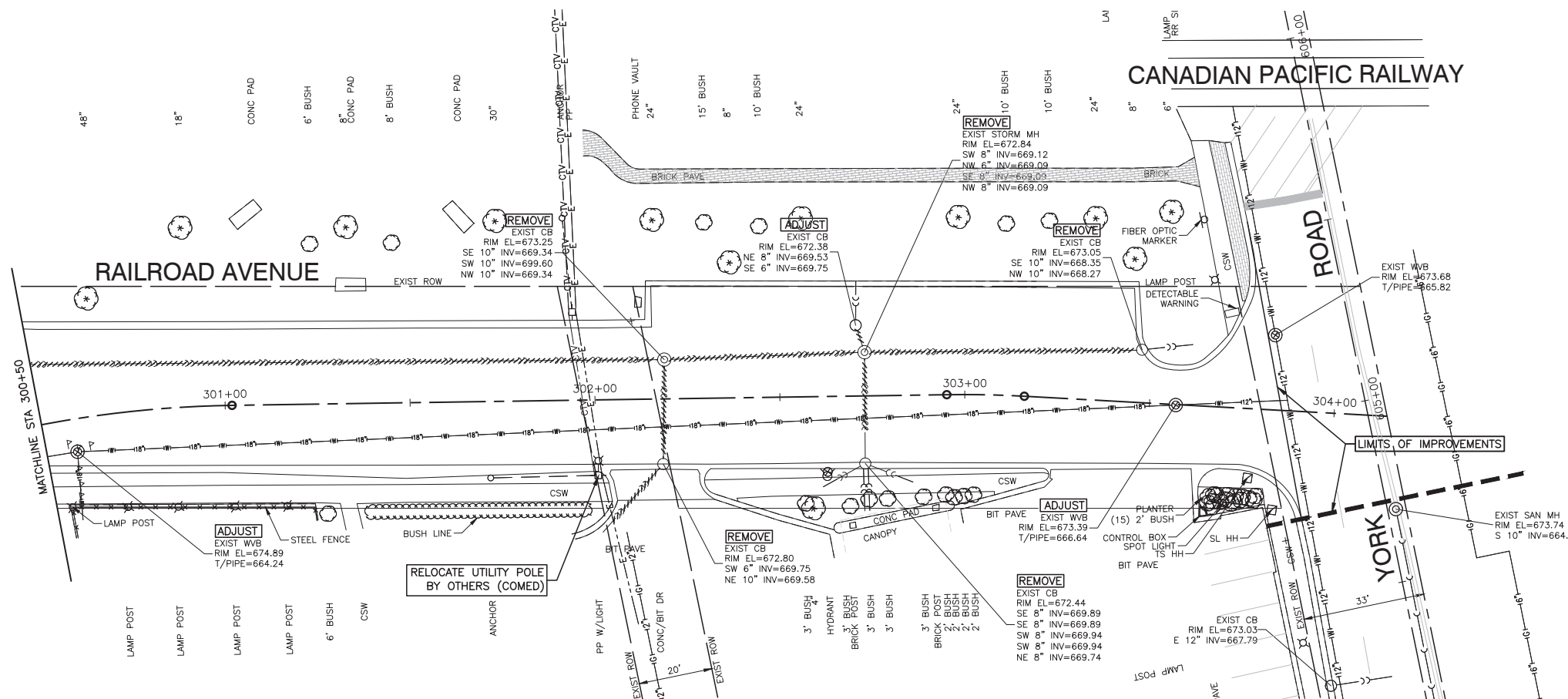
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	14
CONTRACT NO. 61E55				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LAST SAVED BY: PETER PANOVIC ON 2/13/18  
PLOTTED BY: PETER PANOVIC ON 2/13/18



PLAN	SURVEYED	CHECKED	DATE
NOTE BOOK NO.	ALIGNED	FILE NAME	

PROFILE	SURVEYED	CHECKED	DATE
NOTE BOOK NO.	GRADES	NOTED	



**LEGEND - EXISTING**

- ⊕ BUFFALO BOX
- ⊕ FIRE HYDRANT
- ⊕ VALVE
- ⊕ VALVE BASIN
- ⊕ SIGN
- ⊕ MARKER FLAG
- ⊕ INLET
- ⊕ CATCH BASIN
- ⊕ MANHOLE
- ⊕ YARD LIGHT
- ⊕ ALUMINUM LIGHT POLE
- ⊕ STEEL LIGHT POLE
- ⊕ POWER POLE
- ⊕ HANDHOLE / SPLICE BOX
- ⊕ DOUBLE HANDHOLE / SPLICE BOX
- ⊕ CONTROL CABINET / RAILROAD BOX
- ⊕ RAILROAD SIGNAL
- ⊕ RAILROAD GATE
- ⊕ EVERGREEN
- ⊕ TREE
- ⊕ BUSH / HEDGE
- CENTERLINE / BASELINE
- RIGHT OF WAY
- CHAIN LINK FENCE
- WOOD FENCE
- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- CTV BURIED CABLE TV
- OVERHEAD ELECTRIC
- BURIED ELECTRIC
- BURIED TELEPHONE
- GAS MAIN

**LEGEND - PROPOSED**

- WATER MAIN TO BE REMOVED
- STORM SEWER TO BE REMOVED

FILE NAME = 15R0650-STRM-30 - REM02

USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — MAW	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
DRAINAGE & UTILITIES - REMOVAL PLAN

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	15
CONTRACT NO. 61E55				

SCALE: 1"=20' SHEET NO. 15 OF 36 SHEETS STA. TO STA.

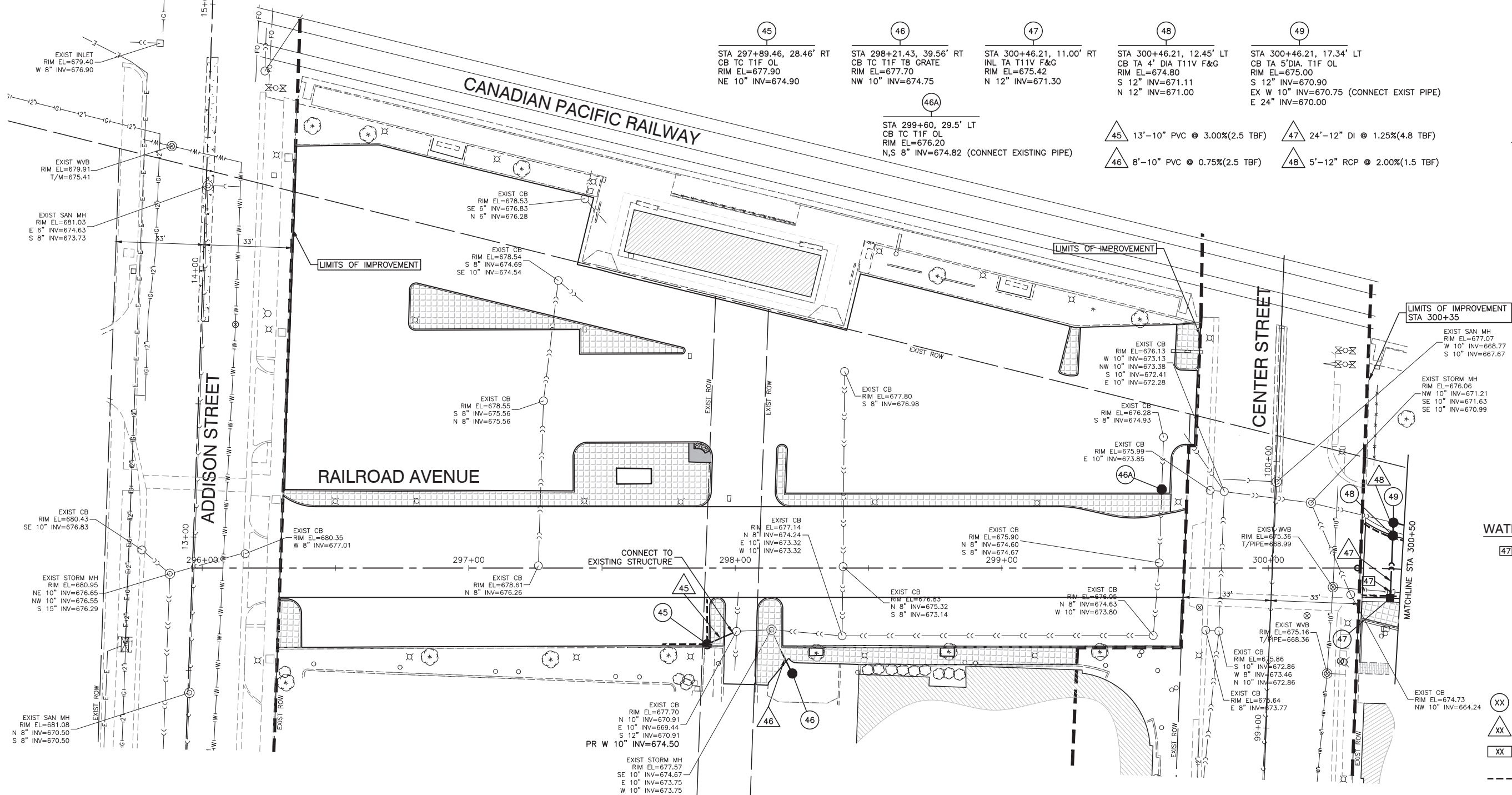
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

LAST SAVED BY: PETER PANOVIC ON 2/13/18  
PLOTTED BY: PETER PANOVIC ON 2/13/18



DATE	
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PLAN	SURVEYED
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PROFILE	SURVEYED
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	GRADES
	B.M. NOTED
NOTE BOOK NO.	

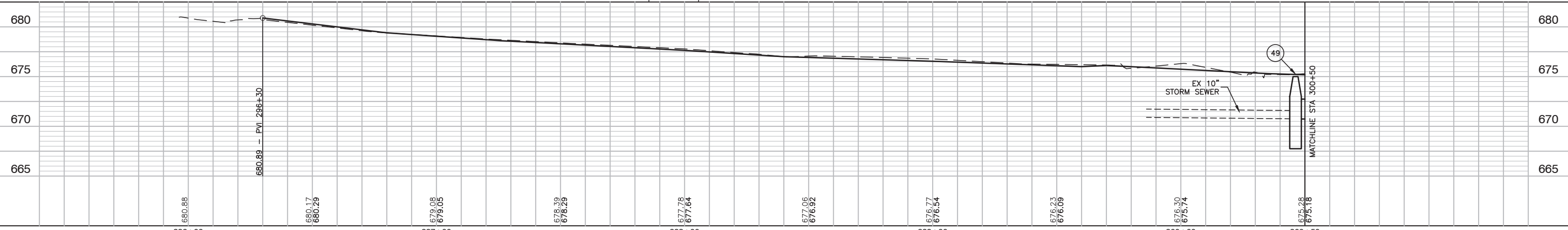


**WATER MAIN CROSSINGS**

47 PR 12" STM B/P=671.10 +/-  
EX 18" WM T/P=669.00 +/-

**LEGEND**

XX = STRUCTURE IDENTIFICATION  
 XX = PIPE IDENTIFICATION  
 XX = UTILITY CROSSING IDENTIFICATION  
 --- 25' PIPE UNDERDRAINS, TYPE 1, 4"



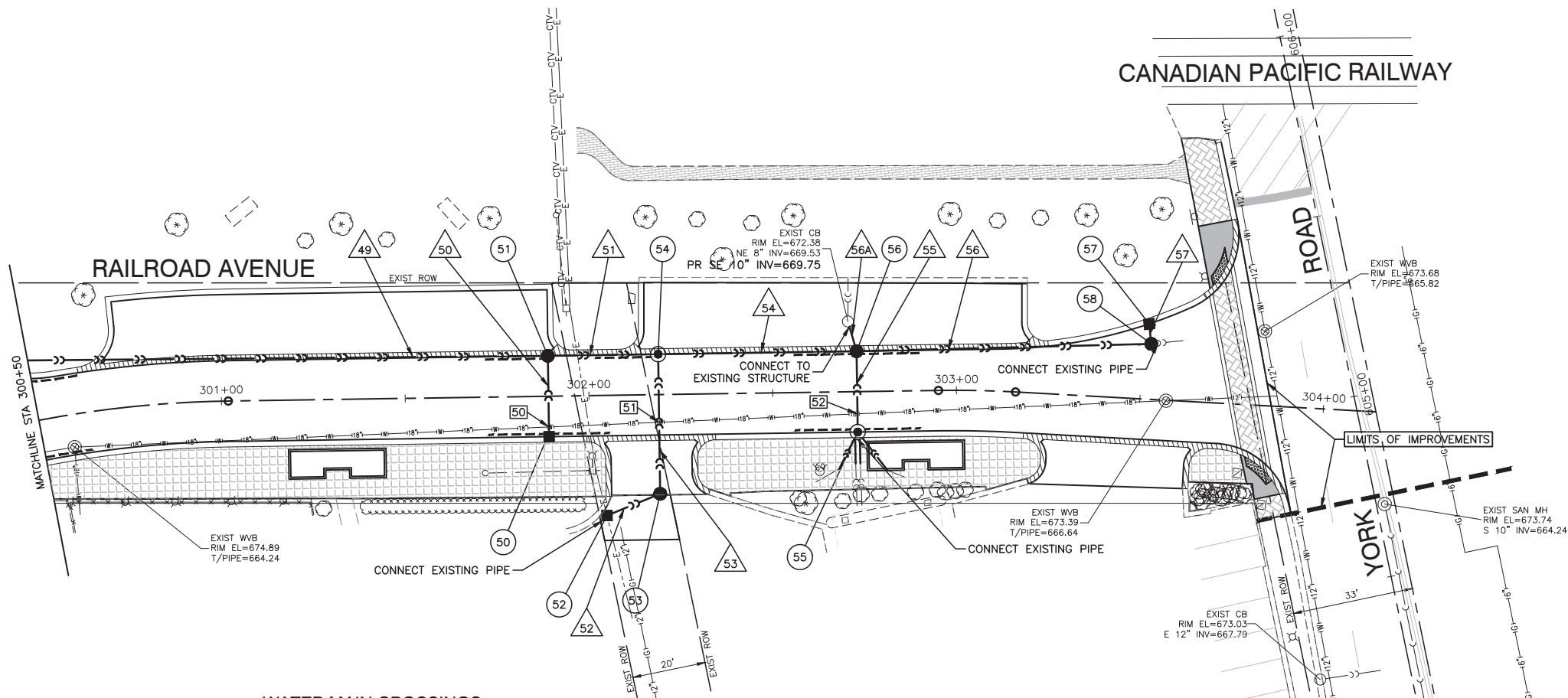
FILE NAME = 15R0650-STRM-30 - P01	USER NAME =	DESIGNED - JR	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION</b> <b>MUN 4011 (RAILROAD AVENUE)</b> <b>DRAINAGE &amp; UTILITIES</b></p>	MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED - MAW	REVISED -			4011	16-00098-00-PK	DUPAGE	36	16	
		DRAWN - PS	REVISED -			CONTRACT NO. 61E55					
		CHECKED - AG	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

LAST SAVED BY: PETER STEPANOVIC ON 2/13/18  
PLOTTED BY: PETER STEPANOVIC ON 2/13/18



PLAN	SURVEYED	CHECKED
NOTE BOOK NO.	PLOTTED	ALIGNED
	FILED	FILED
	DATE	DATE

PROFILE	SURVEYED	CHECKED
NOTE BOOK NO.	GRADES	NOTED
	B.M.	
	DATE	DATE



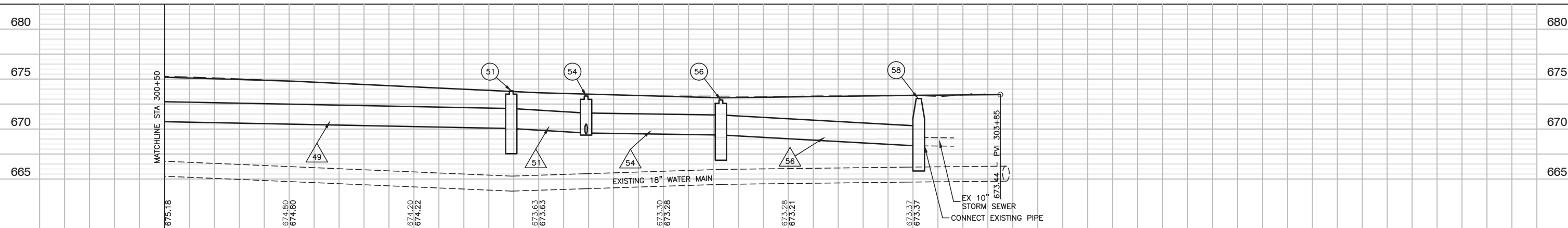
50	STA 301+89, 11.0' RT INL TA T11V F&G RIM EL=673.53 N 12" INV=670.50
51	STA 301+89, 11.0' LT CB TA 5'DIA. EJIW 5120 RIM EL=673.53 S 12" INV=670.05 W 24" INV=669.20 E 24" INV=669.20
52	STA 302+09.64, 27.0' RT INL TA T1F OL RIM EL=672.95 E 12" INV=669.85 SW 6" INV=669.85 (CONNECT EXISTING PIPE)
53	STA 302+19, 27.0' RT CB TA 4'DIA. T1F OL RIM EL=672.80 W 12" INV=669.70 N 12" INV=669.70
54	STA 302+19, 11.0' RT MH TA 5'DIA. T1F CL RIM EL=673.30 S 12" INV=669.50 W 24" INV=669.00 E 24" INV=669.00
55	STA 302+73, 11.0' RT CB TA 4'DIA. T11 F&G RIM EL=672.95 SE 8" INV=669.90 (CONNECT EXISTING PIPE) S 8" INV=669.90 (CONNECT EXISTING PIPE) S 8" INV=669.80 (CONNECT EXISTING PIPE) SW 8" INV=669.80 (CONNECT EXISTING PIPE) N 12" INV=669.60
56	STA 302+73, 11.0' LT CB TA 5'DIA. EJIW 5120 RIM EL=672.90 S 12" INV=669.40 N 10" INV=669.40 W 24" INV=668.70 E 24" INV=668.70
57	STA 303+51.41, 20.48' LT INL TA T11 F&G RIM EL=672.95 S 12" INV=669.40
58	STA 303+52.26, 15.1' LT CB TA 5'DIA. T1F CL RIM EL=673.05 N 12" INV=669.30 E 10" INV=668.27 (CONNECT EXISTING PIPE) W 24" INV=668.27

**WATER MAIN CROSSINGS**

50	PR 12" STM B/P=670.25 +/- EX 18" WM T/P=665.29 +/-	49	145'-24" RCP @ 0.55%(42.3 TBF)	52	16'-12" RCP @ 0.94%(2.1 TBF)	55	24'-12" DI @ 0.85%(3.7 TBF)	57	5'-12" RCP @ 2.00%(1.0 TBF)
51	PR 12" STM B/P=669.44 +/- EX 18" WM T/P=665.53 +/-	50	24'-12" DI @ 1.87%(3.4 TBF)	53	38'-12" DI @ 0.53%(6.1 TBF)	56	80'-24" RCP @ 0.54%(21.3 TBF)		
52	PR 12" STM B/P=669.38 +/- EX 18" WM T/P=665.96 +/-	51	30'-24" RCP @ 0.53%(4.3 TBF)	54	54'-24" RCP @ 0.55%(12.5 TBF)	56A	6'-10" PVC @ 5.83%(0.8 TBF)		

**LEGEND**

- (XX) = STRUCTURE IDENTIFICATION
- △XX = PIPE IDENTIFICATION
- XX = UTILITY CROSSING IDENTIFICATION
- = 25' PIPE UNDERDRAINS, TYPE 1, 4"



FILE NAME = 15R0650-STRM-30 - P02	USER NAME =	DESIGNED -- JR	REVISD --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION MUN 4011 (RAILROAD AVENUE) DRAINAGE & UTILITIES	MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED -- MAW	REVISD --	4011			16-00098-00-PK	DUPAGE	36	17	
	PLOT SCALE =	DRAWN -- PS	REVISD --			CONTRACT NO. 61E55				
	PLOT DATE = 2-12-18	CHECKED -- AG	REVISD --			FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

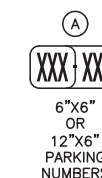
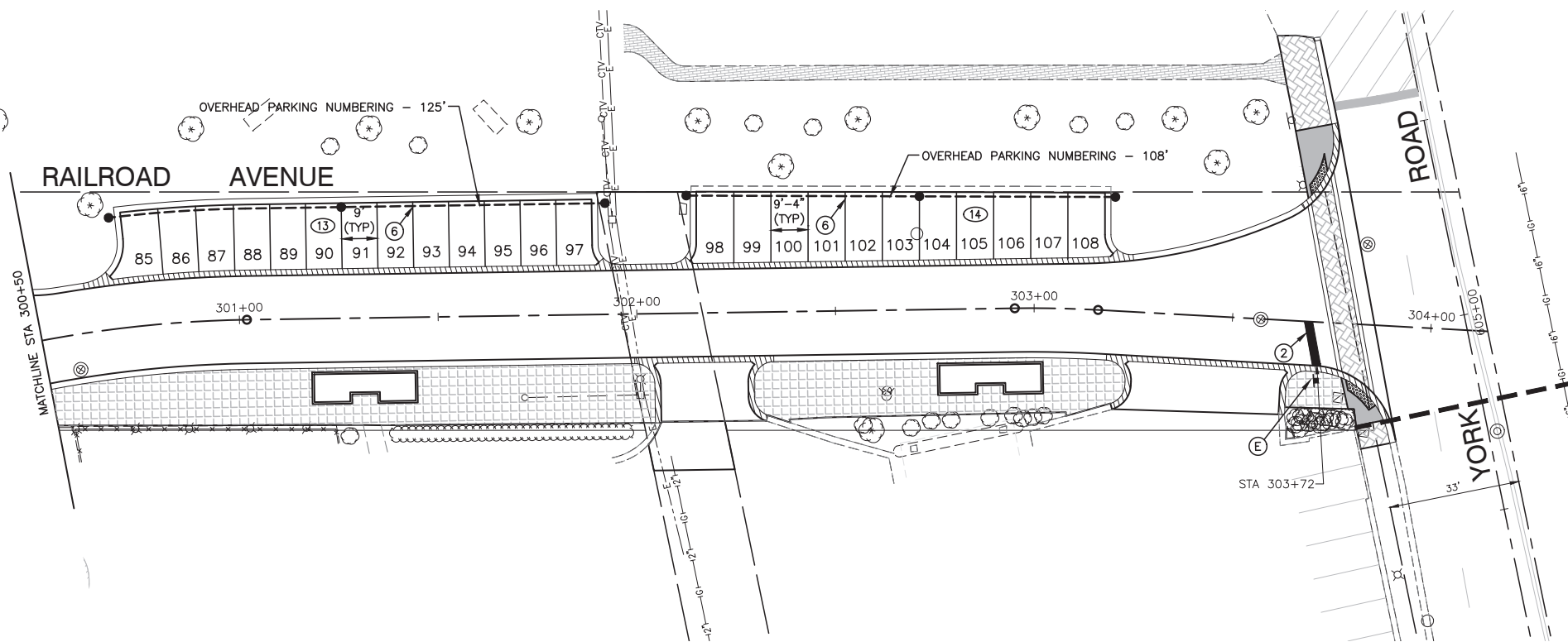
LAST SAVED BY: PETER STEPANOVIC ON 2/13/18  
PLOTTED BY: PETER STEPANOVIC ON 2/13/18





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

PROFILE	SURVEYED	CHECKED	DATE
NOTE BOOK NO.	PLOTTED	GRADES	
	GRADES	NOTED	



**NOTES:**

- ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- ALL SIGNS AND SUPPORTS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE IDOT HIGHWAY STANDARDS.
- PARKING NUMBERS SHOWN ARE FOR PARKING SIGNS (A)

**PAVEMENT MARKING LEGEND**

- ① WHITE LETTERS & SYMBOLS
- ② 24" WHITE STOP BAR
- ④ 6" WHITE LINE
- ⑥ 4" YELLOW LINE
- ⑦ 12" WHITE LINE
- ⑧ YELLOW LETTERS & SYMBOLS
- PROPOSED SIGN
- ②③ NUMBER OF PARKING SPACES IN ROW
- OVERHEAD PARKING NUMBERING POSTS FOR PARKING SPACE NUMBER SIGN WITH HANGING WIRES (SEE DETAIL)

FILE NAME = 15R0650-PVMK-30 - IDOT P02

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- MAW	REVISED --
PLOT SCALE =	DRAWN -- PS	REVISED --
PLOT DATE = 2-12-18	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
PAVEMENT MARKING PLAN

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK		36	19
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61E55	

SCALE: 1"=20' SHEET NO. 19 OF 36 SHEETS STA. TO STA.

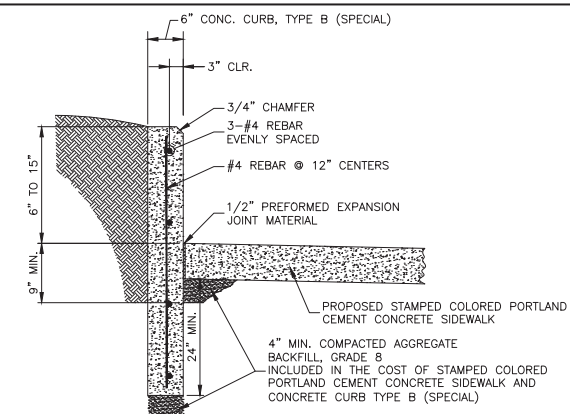
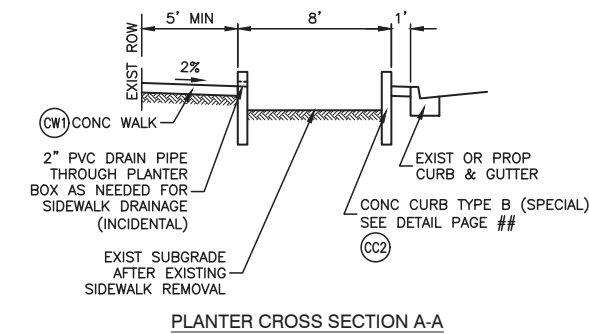
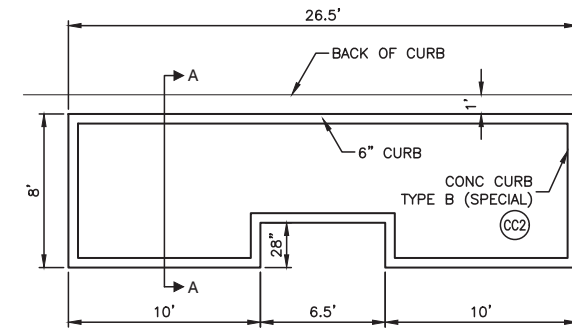
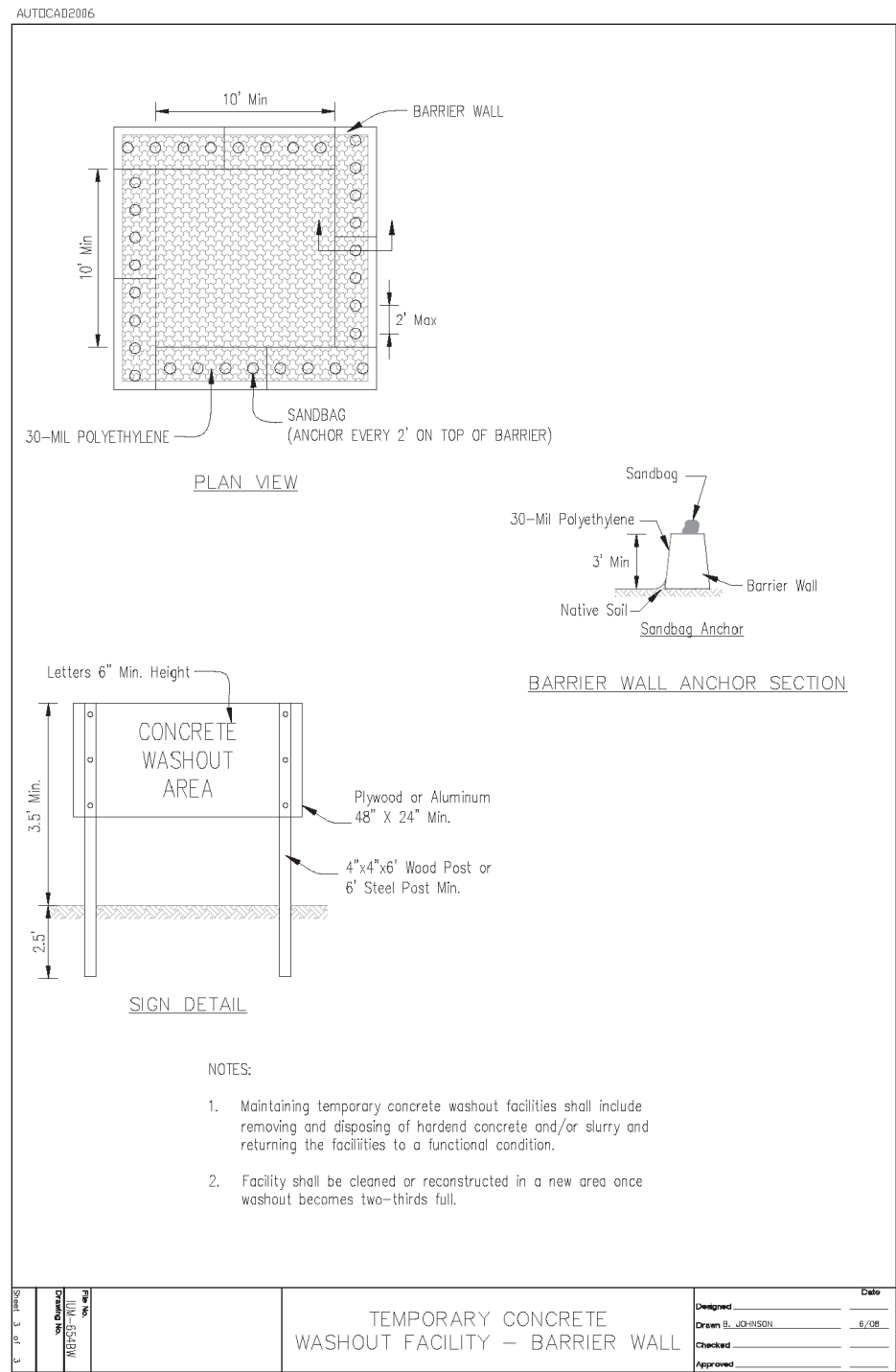
LAST SAVED BY: PETER ON 2/12/18  
PLOTTED BY: PETER STEPANOVIC ON 2/12/18

<p>COMBINATION CURB &amp; GUTTER TYPE B-6.12</p>	<p>COMBINATION DEPRESSED CURB &amp; GUTTER</p>	<p>(A) PAVEMENT DEPTH OR 9" MIN.</p> <p>(1) TO BE CENTERED OR SET AS REQUIRED IN FIELD.</p> <p>(2) 1/2" DIA. STEEL TIE BAR AT 2'-6" CENTERED WHEN PAVEMENT IS CONCRETE. OMIT WHEN ADJACENT PAVEMENT IS FLEXIBLE.</p> <p>(3) TWO 1" DIAMETER DOWEL BARS DRILLED AND GROUTED WHERE NEW CURB MEETS EXISTING.</p> <p>(4) PROVIDE DEPRESSED CURBS AT DRIVEWAYS, CROSSWALKS, AND SIDEWALKS, ETC.</p> <p>(5) ALL CONCRETE SHALL HAVE 4,000 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS.</p> <p>(6) ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO LATEST EDITION OF IDOT STANDARD SPECS FOR ROAD AND BRIDGE CONSTRUCTION.</p> <p>(7) APPLY TWO COATS OF WHITE PIGMENT CURING COMPOUND IMMEDIATELY AFTER INITIAL SET.</p>		
<p>COMBINATION CURB &amp; GUTTER TYPE M-3.12</p>	<p>DEPRESSED CURB (TYPE B)</p>	<p>BARRIER CURB (TYPE B)</p> <p>* FOR 9" CURB, THESE SHALL BE 2" &amp; 5".</p>		
<p>* SEE IDOT STANDARD CURB DETAIL FOR DEPRESSED CURB FOR ADA</p> <p style="text-align: center;"><b>CURB AND GUTTER STANDARD</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p> </td> <td style="width: 50%; vertical-align: top;"> <p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:ENGINEERING\STANDARDS\NEW STANDARDS\ROADWAY</p> </td> </tr> </table>			<p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p>	<p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:ENGINEERING\STANDARDS\NEW STANDARDS\ROADWAY</p>
<p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p>	<p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:ENGINEERING\STANDARDS\NEW STANDARDS\ROADWAY</p>			

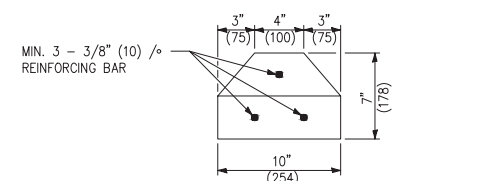
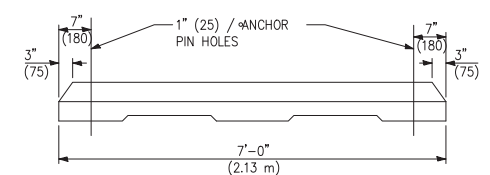
<p>COMMERCIAL DRIVEWAY</p> <p>SEE V.O.W. PUBLIC SIDEWALK &amp; SIDEWALK RAMP STANDARD</p>	<p>RESIDENTIAL DRIVEWAY</p>		
<p style="text-align: center;"><b>DRIVEWAY STANDARD</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p> </td> <td style="width: 50%; vertical-align: top;"> <p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION N:ENGINEERING\STANDARDS\ROADWAY</p> </td> </tr> </table>		<p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p>	<p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION N:ENGINEERING\STANDARDS\ROADWAY</p>
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<p>ALTERNATE DESIGN    STANDARD DESIGN</p> <p><b>PARKING STALL</b></p> <p>MUTCD R7-8 12" x 18" HANDICAPPED PARKING SIGN</p> <p>MUTCD R7-101 12" x 6" \$350 FINE</p>	<p><b>PARKING STALL NOTES</b></p> <ol style="list-style-type: none"> <li>1. DEPRESSED CURB OR CURB RAMP REQUIRED WITH ACCESS TO A 5' WIDE PAVED SURFACE.</li> <li>2. SIGN MOUNTED NO MORE THAN 5'-0" HORIZONTALLY FROM THE FRONT OF THE PARKING SPACE.</li> </ol> <p><b>PAINTED SYMBOL</b></p> <p>SYMBOL TO BE CENTERED ON WIDTH OF PARKING STALL</p>		
<p style="text-align: center;"><b>HANDICAPPED PARKING STANDARD</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p> </td> <td style="width: 50%; vertical-align: top;"> <p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:ENGINEERING\VILLAGE ENG STANDARDS\ROADWAY</p> </td> </tr> </table>		<p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p>	<p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:ENGINEERING\VILLAGE ENG STANDARDS\ROADWAY</p>
<p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p>	<p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:ENGINEERING\VILLAGE ENG STANDARDS\ROADWAY</p>		

<p>30°</p>	<p>60°</p>	<p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>1. NO HANDICAPPED PARKING ALLOWED 30° AND PARALLEL.</li> <li>2. HANDICAPPED DIMENSIONS - SEE HANDICAPPED PARKING STANDARD.</li> </ol>		
<p>45°</p>	<p>90°</p>	<p>PARALLEL</p>		
<p style="text-align: center;">* SEE PLANS FOR DIMENSIONS</p> <p style="text-align: center;"><b>PARKING STALL STANDARDS</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p> </td> <td style="width: 50%; vertical-align: top;"> <p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION N:ENGINEERING\STANDARDS\ROADWAY</p> </td> </tr> </table>			<p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p>	<p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION N:ENGINEERING\STANDARDS\ROADWAY</p>
<p>VILLAGE OF BENSVILLE 12 S. CENTER STREET BENSVILLE, IL 60106 WWW.BENSVILLE.IL.US</p>	<p>VILLAGE OF BENSVILLE SPECIFICATIONS AND DETAILS FILE LOCATION N:ENGINEERING\STANDARDS\ROADWAY</p>			

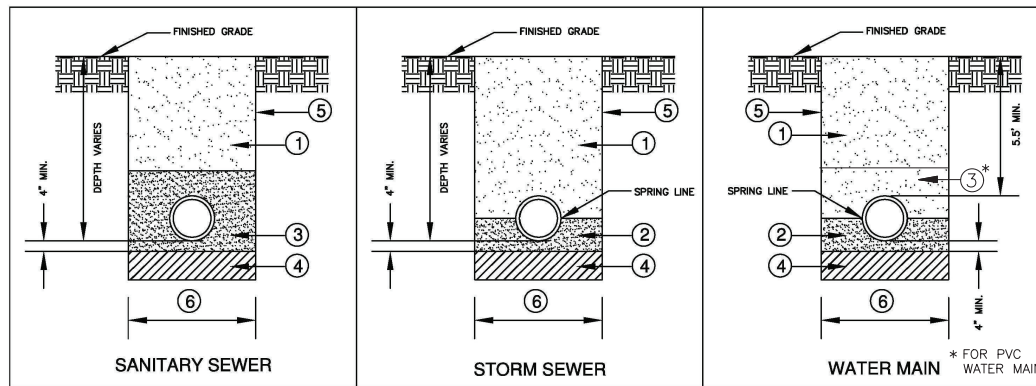


NOTE:  
THE COST OF CONSTRUCTING THE ADDITIONAL CURB WIDTH BELOW GRADE AND FURNISHING AND INSTALLING THE #4 REBARS AND PREFORMED EXPANSION JOINT MATERIAL SHALL BE INCLUDED IN THE COST OF THE CONCRETE CURB, TYPE B (SPECIAL), AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK WILL BE PAID FOR SEPARATELY.



CONCRETE WHEEL STOPS DETAIL  
N.T.S.

NOTES:  
ANCHOR PINS SHALL BE 3/4" (20) DIAMETER, 3' (915) LONG.  
CLASS PC CONCRETE SHALL BE USED THROUGHOUT.



- NOTES:**
- BACKFILL & COMPACT GRANULAR TRENCH BACKFILL (CA-6, GRADE 8, CRUSHED LIMESTONE) UNDER STREET PAVEMENT, DRIVEWAYS, AND SIDEWALK OR ANY OTHER PAVED AREAS. EXCAVATED MATERIAL (SPOLS) MAY BE USED IN NON-PAVED AREAS.
  - CA-7 CRUSHED LIMESTONE OR OTHER APPROVED SELECT BACKFILL. TAMPED INTO PLACE TO SPRING LINE OF PIPE.
  - CA-7 CRUSHED LIMESTONE OR OTHER APPROVED SELECT BACKFILL. TAMPED TO 12" MINIMUM ABOVE TOP OF PIPE.
  - IF ENCOUNTERED, REMOVE UNSUITABLE MATERIALS AND REPLACE WITH 4" STONE AS DIRECTED BY THE TESTING AGENCY OR THE VILLAGE ENGINEER
  - TRENCH SIDES TO BE SLOPED OR SHEETED/SHORED IN ACCORDANCE WITH OSHA REQUIREMENTS.
  - MAXIMUM TRENCH WIDTH = 18" (1'-6") + O.D. + 18" (1' - 6") WHEN TRENCH < 5 FEET  
= 36" (3'-0") + O.D. + 36" (3' - 0") WHEN TRENCH > 5 FEET

	VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	<b>UTILITY TRENCH BACKFILL STANDARD</b>	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:\ENGINEERING\STANDARDS\NEW STANDARDS\WATER	<b>REVISIONS</b> <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>						

**TOP VIEW**  
1" (25mm) LETTERS (RECESSED)  
(2) CLOSED PICK HOLES  
1 1/2" (38mm) LETTERS (RECESSED FLUSH)

**BOTTOM VIEW**  
EAST JORDAN IRON WORKS  
EAST JORDAN, MICHIGAN  
439 P.O. BOX 439  
1-800-874-4100  
FAX 231-536-4458  
1020AHDGS  
00102421

**CROSS SECTION**  
22 3/4" DIA [578 mm]  
1/4" (6mm) DIA. NEOPRENE GASKET  
1 3/4" [44 mm]

**PICK HOLE DETAIL**  
2 1/4" [57 mm]  
7/16" [11 mm]  
1 3/8" [35 mm]  
1" [25 mm]

**GROOVE DETAIL**  
0.180+0.000 (-0.005) [4 mm]  
0.240 +.000 (-0.005) [6 mm]

(\*) OR NEENAH CATALOG R-1713 SHOP DRAWING NF-1015 T45

**(\*) EAST JORDAN IRON WORKS, INC.**  
P.O. BOX 439  
EAST JORDAN, MI. 49727  
1-800-874-4100  
FAX 231-536-4458

DRAWN SMH	DATE 11/11/02
APPROVED	DATE

**SPECIAL LETTERED COVER**

PRODUCT NO. **00102421**

CATALOG NO. **(\*) 1020A**

REF. PRODUCT DRAWING 102067

EST. WT. COVER WT: 115 LBS. (52 kg)

OPEN AREA N/A

MAT'L SPEC. COVER - GRAY IRON ASTM A48 CL 35

LOAD RATING **HEAVY DUTY**

VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	<b>STORM FRAME AND LID STANDARD (CLOSED)</b>	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:\ENGINEERING\STANDARDS NEW	<b>REVISIONS</b> 
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**PLAN**  
22-3/4" DIA

**SECTION A-A**  
24"  
22-3/4"  
1-3/4"  
21"  
24-1/2"  
34"

**OPEN LID**  
22 3/4" DIA [578mm]  
1 3/4" [44mm]  
2 1/2" [64mm]  
2 3/8" [60mm]  
2 3/8" [60mm]

**(\*) EAST JORDAN IRON WORKS, INC.**  
P.O. BOX 439  
EAST JORDAN, MI. 49727  
1-800-874-4100  
FAX 231-536-4458

DRAWN TCL	DATE 09/26/02
APPROVED	DATE

**CATCH BASIN GRATE**

PRODUCT NO. **(\*) 00102030**

**DIPPED**

CATALOG NO. **(\*) 1020M1**

REF. PRODUCT DRAWING 102031

EST. WT. GRATE: 124 LBS (56 kg)

OPEN AREA 180 SQ. INCHES (774 SQ. CM)

MAT'L SPEC. GRATE - GRAY IRON ASTM A48 CL 35B

LOAD RATING **EXTRA HEAVY DUTY**

FURNISH HEAVY DUTY CASTING AS REQUIRED BY THE VILLAGE ENGINEER

(\*) OR NEENAH CATALOG R-2015 SHOP DRAWING NF-2015 T17

VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	<b>STORM FRAME AND LID STANDARD (OPEN)</b>	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:\ENGINEERING\STANDARDS NEW	<b>REVISIONS</b> 
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FILE NAME = 15R0650-DTLS-30 - P04

USER NAME =	DESIGNED -- JR	REVISED --
PLOT SCALE =	CHECKED -- MAW	REVISED --
PLOT DATE = 2-12-18	DRAWN -- PS	REVISED --
	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
CONSTRUCTION DETAILS

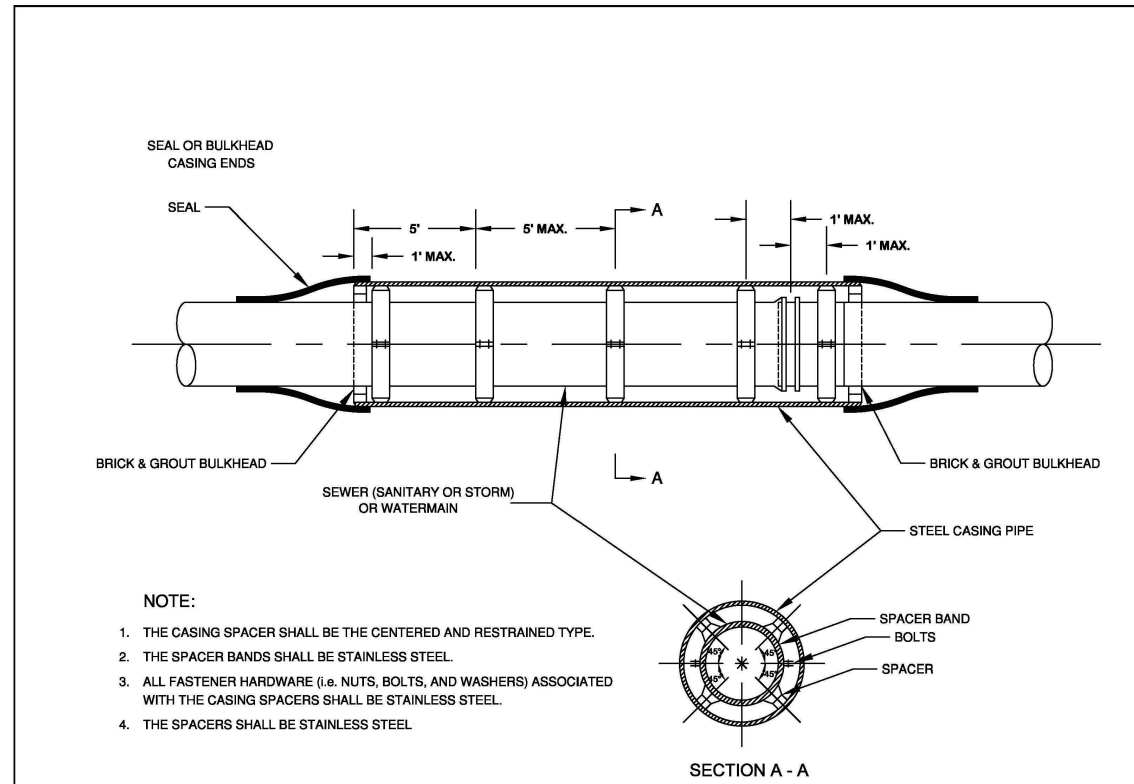
SCALE: NONE SHEET NO. 22 OF 36 SHEETS STA. TO STA.

MUN 4011	SECTION 16-00098-00-PK	COUNTY DUPAGE	TOTAL SHEETS 36	SHEET NO. 22
CONTRACT NO. 61E55				

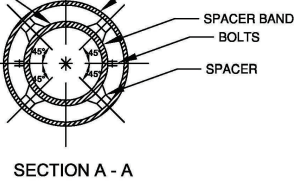
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

LAST SAVED BY: PETER ON 2/12/18  
PLOTTED BY: PETER STEPANOVIC ON 2/12/18

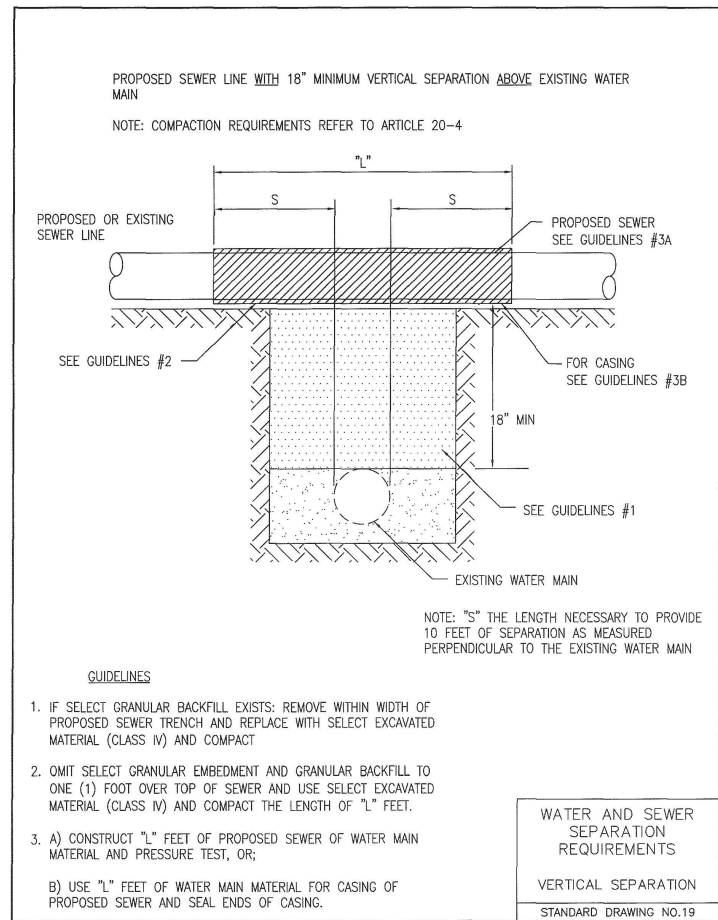




- NOTE:**
1. THE CASING SPACER SHALL BE THE CENTERED AND RESTRAINED TYPE.
  2. THE SPACER BANDS SHALL BE STAINLESS STEEL.
  3. ALL FASTENER HARDWARE (i.e. NUTS, BOLTS, AND WASHERS) ASSOCIATED WITH THE CASING SPACERS SHALL BE STAINLESS STEEL.
  4. THE SPACERS SHALL BE STAINLESS STEEL.

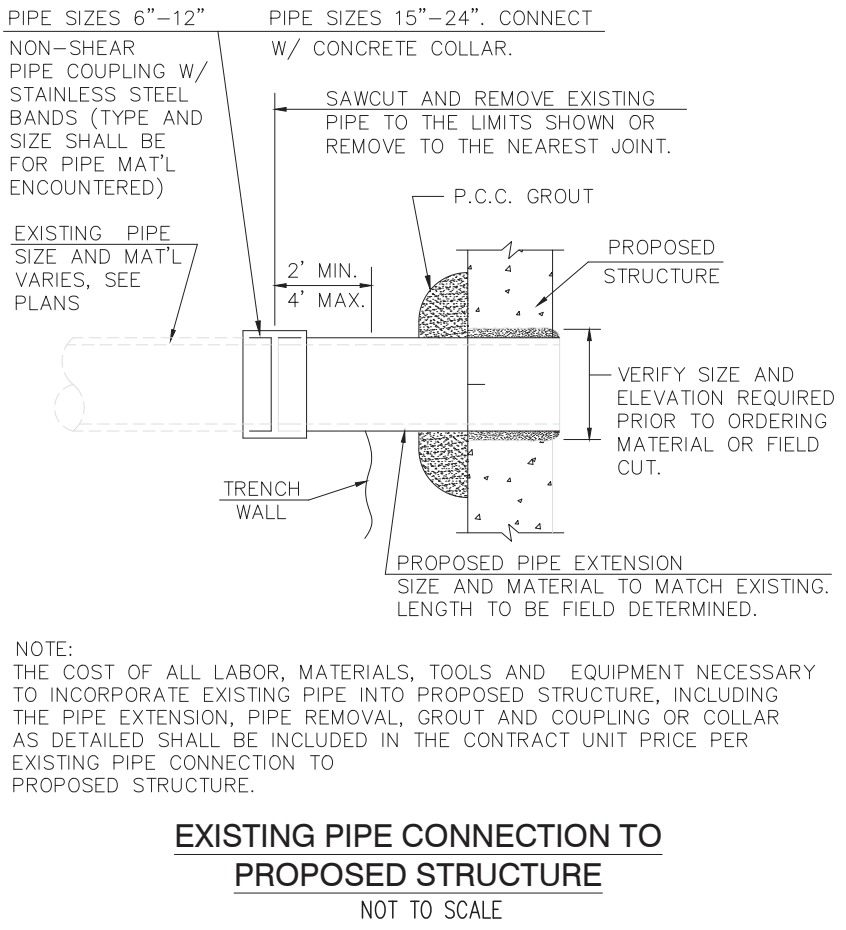
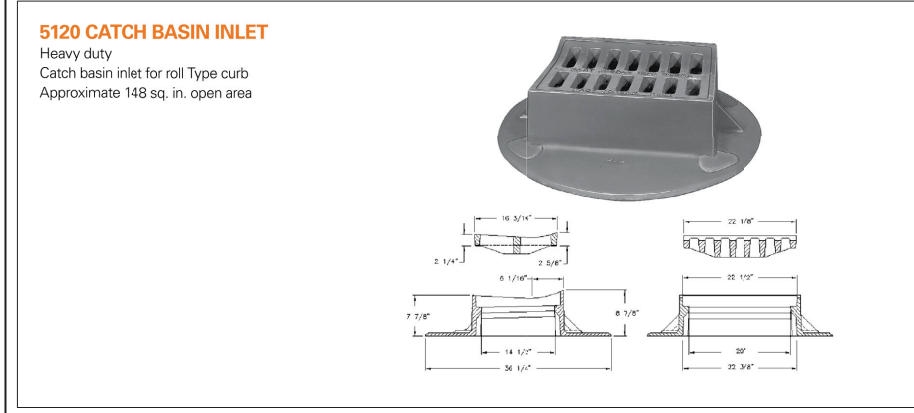


	VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	<b>UNDERGROUND UTILITY CASING PIPE STANDARD</b>	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS	REVISIONS
	FILE LOCATION			
	ENGINEERING STANDARDS NEW STANDARDS/ROADWAY			



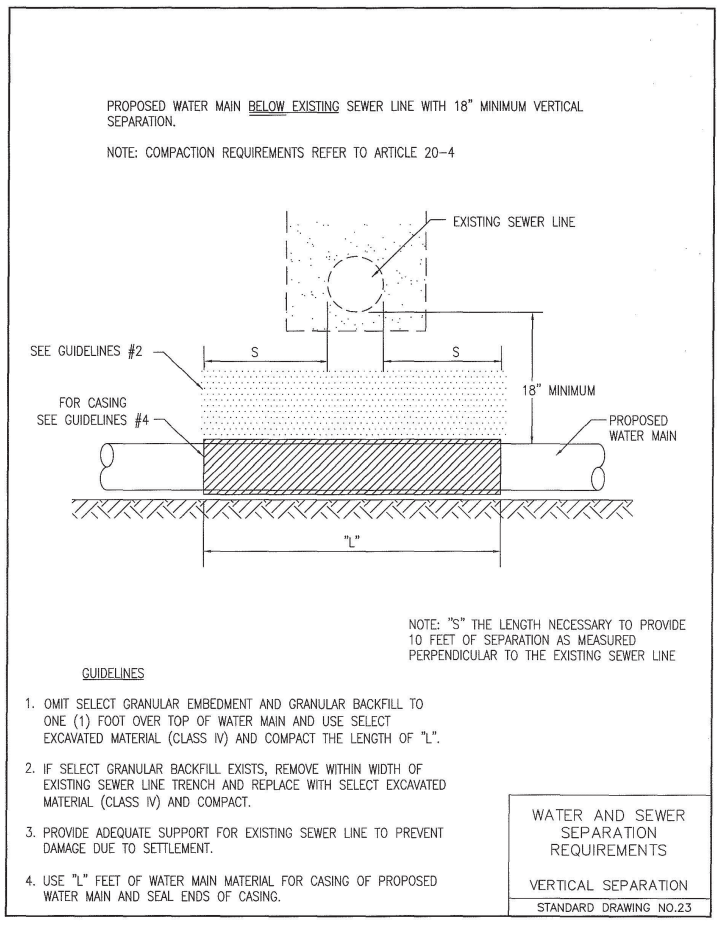
- GUIDELINES**
1. IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
  2. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
  3. A) CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;  
B) USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

WATER AND SEWER SEPARATION REQUIREMENTS
VERTICAL SEPARATION
STANDARD DRAWING NO.19



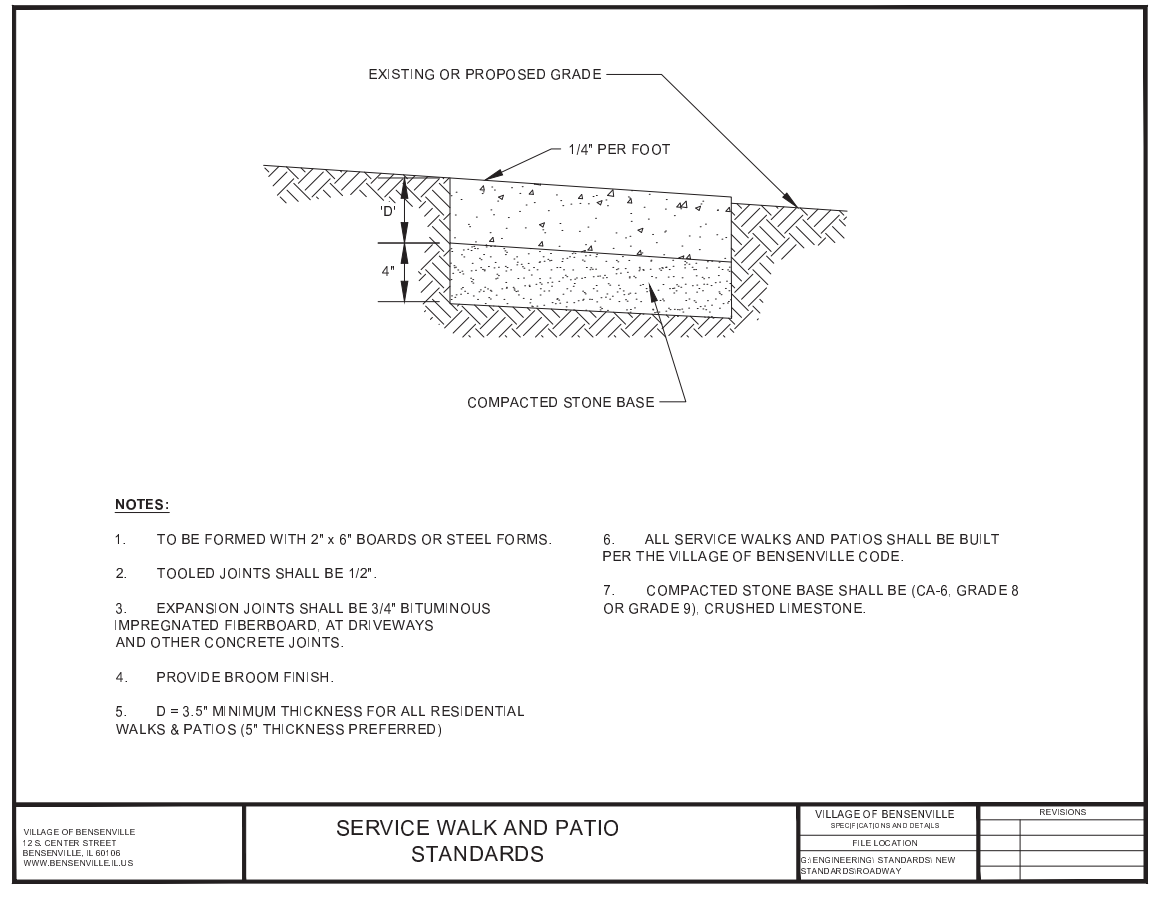
**NOTE:**  
THE COST OF ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY TO INCORPORATE EXISTING PIPE INTO PROPOSED STRUCTURE, INCLUDING THE PIPE EXTENSION, PIPE REMOVAL, GROUT AND COUPLING OR COLLAR AS DETAILED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EXISTING PIPE CONNECTION TO PROPOSED STRUCTURE.

**EXISTING PIPE CONNECTION TO PROPOSED STRUCTURE**  
NOT TO SCALE



- GUIDELINES**
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
  2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
  3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
  4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

WATER AND SEWER SEPARATION REQUIREMENTS
VERTICAL SEPARATION
STANDARD DRAWING NO.23



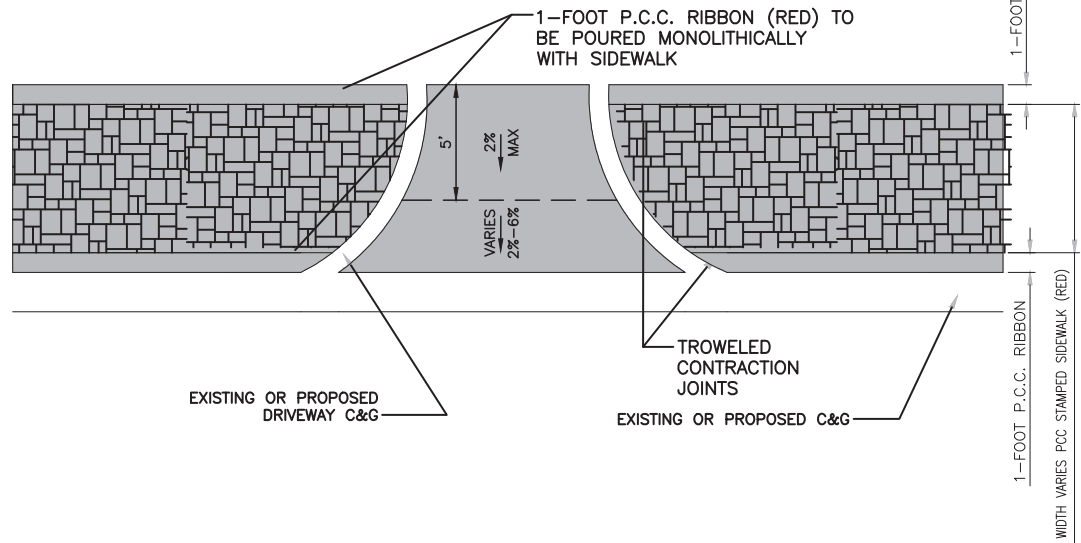
- NOTES:**
1. TO BE FORMED WITH 2" x 6" BOARDS OR STEEL FORMS.
  2. TOOLED JOINTS SHALL BE 1/2".
  3. EXPANSION JOINTS SHALL BE 3/4" BITUMINOUS IMPREGNATED FIBERBOARD, AT DRIVEWAYS AND OTHER CONCRETE JOINTS.
  4. PROVIDE BROOM FINISH.
  5. D = 3.5" MINIMUM THICKNESS FOR ALL RESIDENTIAL WALKS & PATIOS (5" THICKNESS PREFERRED)
  6. ALL SERVICE WALKS AND PATIOS SHALL BE BUILT PER THE VILLAGE OF BENSENVILLE CODE.
  7. COMPACTED STONE BASE SHALL BE (CA-6, GRADE 8 OR GRADE 9), CRUSHED LIMESTONE.

	VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	<b>SERVICE WALK AND PATIO STANDARDS</b>	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS	REVISIONS
	FILE LOCATION			
	ENGINEERING STANDARDS NEW STANDARDS/ROADWAY			



**NOTES:**

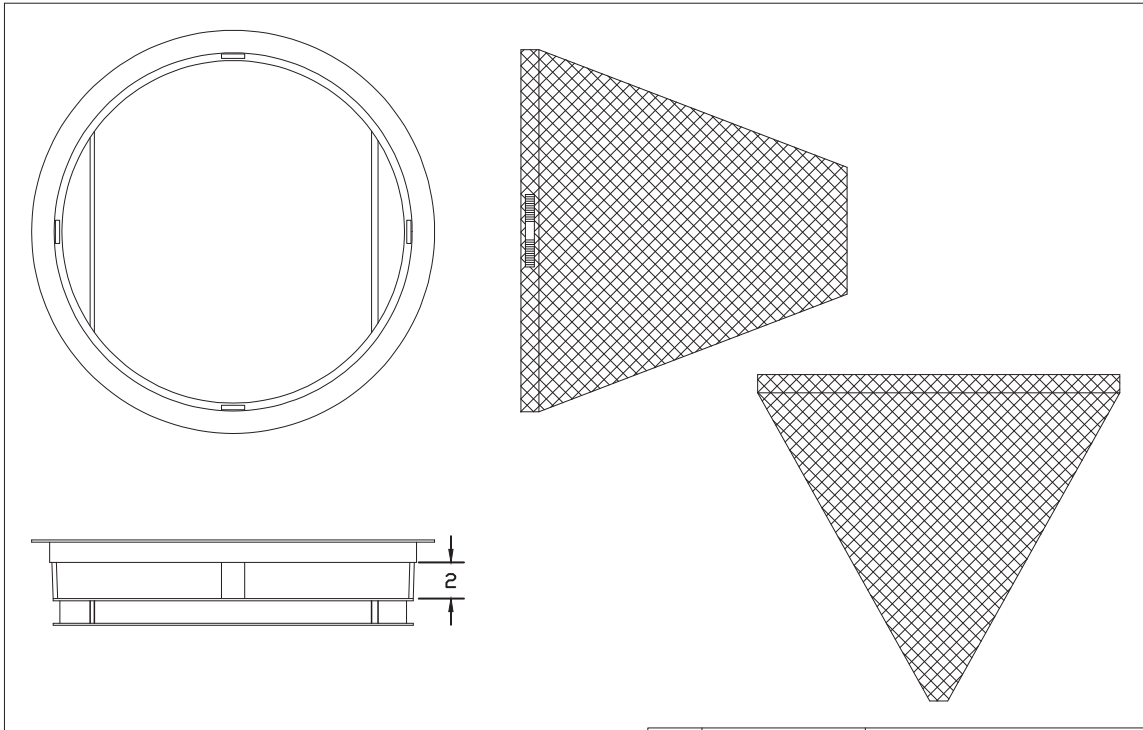
1. STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE ASHLAR SLATE PATTERN (BST-4000) PATTERN AS SHOWN IN THE DETAIL.
2. THE COLOR OF THE STAMPED CONCRETE SHALL BE U34 BRICK RED UNI-MIX WITH CLEAR GUARD CURE & SEAL
3. 2 INCH (2") DEPTH SAW-CUT CONTRACTION JOINTS SHALL BE CUT AT 10-FOOT INTERVALS WITHIN 24 HOURS OF THE POUR.
4. SIDEWALK SHALL NOT EXTEND THROUGH DRIVEWAYS.



**STAMPED CONCRETE SIDEWALK  
BST6000 ASHLAR SLATE PATTERN (N.T.S.)**

VILLAGE OF BENVILLE  
100 SOUTH STREET  
BENVILLE, ILLINOIS  
WWW.BENVILLE.IL.GOV

DATE	REVISION
01-11-20	Original

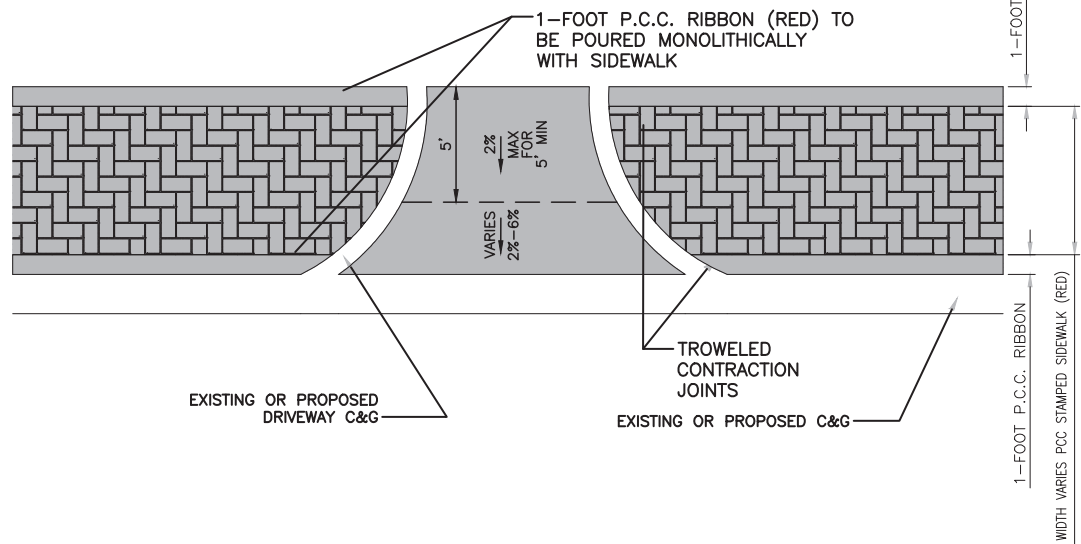


**GENERAL NOTES:**  
 FRAME: Top Flange fabricated from 1 1/4"x1 1/4"x1/8" angle. Base rim fabricated from 1 1/2"x1/2"x3/8" channel. Handles and suspension brackets fabricated from 1 1/2"x1/2" flat stock. All steel conforming to ASTM-A36.  
 SEDIMENT BAG: Bag fabricated from 4 oz./sq.yd. non-woven polypropylene geotextile reinforced with polyester mesh. Bag secured to base rim with a stainless steel band and lock.

DATE	REVISION	
01-11-20	Original	<b>Typical Round Catch-All</b>
		<b>Marathon Materials, Inc.</b>

**NOTES:**

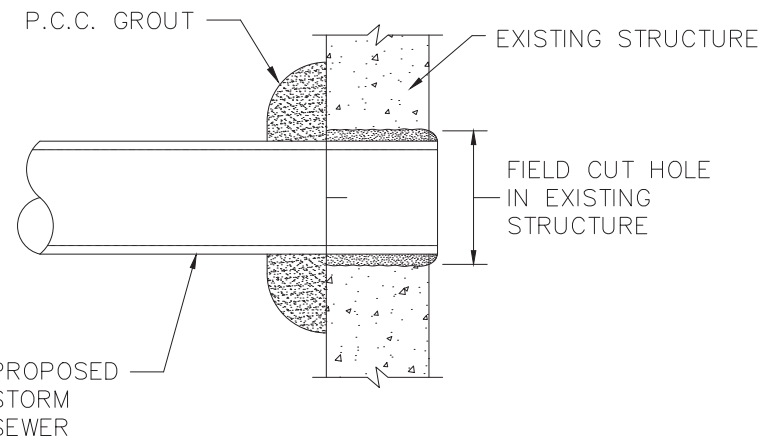
1. STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE BUTTERFIELD PATTERN NEW BRICK HERRINGBONE (BST-6000) PATTERN AS SHOWN IN THE DETAIL.
2. THE COLOR OF THE STAMPED CONCRETE SHALL BE U34 BRICK RED UNI-MIX WITH CLEAR GUARD CURE & SEAL
3. 2 INCH (2") DEPTH SAW-CUT CONTRACTION JOINTS SHALL BE CUT AT 10-FOOT INTERVALS WITHIN 24 HOURS OF THE POUR.
4. SIDEWALK SHALL NOT EXTEND THROUGH DRIVEWAYS.



**STAMPED CONCRETE SIDEWALK  
BST6000 HERRINGBONE PATTERN (N.T.S.)**

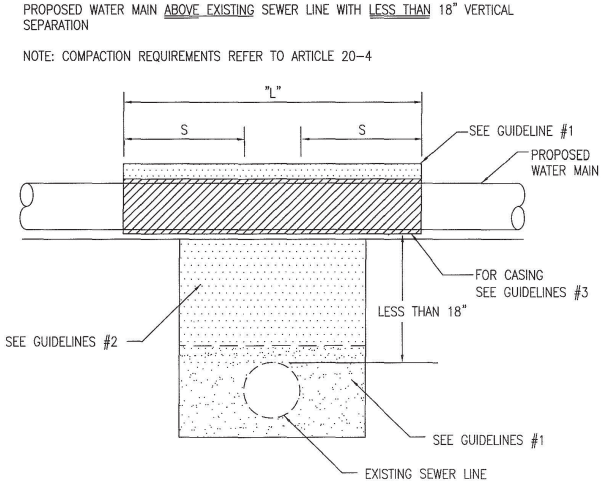
VILLAGE OF BENVILLE  
100 SOUTH STREET  
BENVILLE, ILLINOIS  
WWW.BENVILLE.IL.GOV

DATE	REVISION



**NOTE:**  
 THE COST OF ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY TO PLACE PIPE INTO EXISTING STRUCTURE AS SHOWN SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH CONNECTION TO EXISTING STRUCTURE.

**NEW PIPE CONNECTION TO EXISTING STRUCTURE  
NOT TO SCALE**



**NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.**

- GUIDELINES**
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
  2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
  3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
  4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

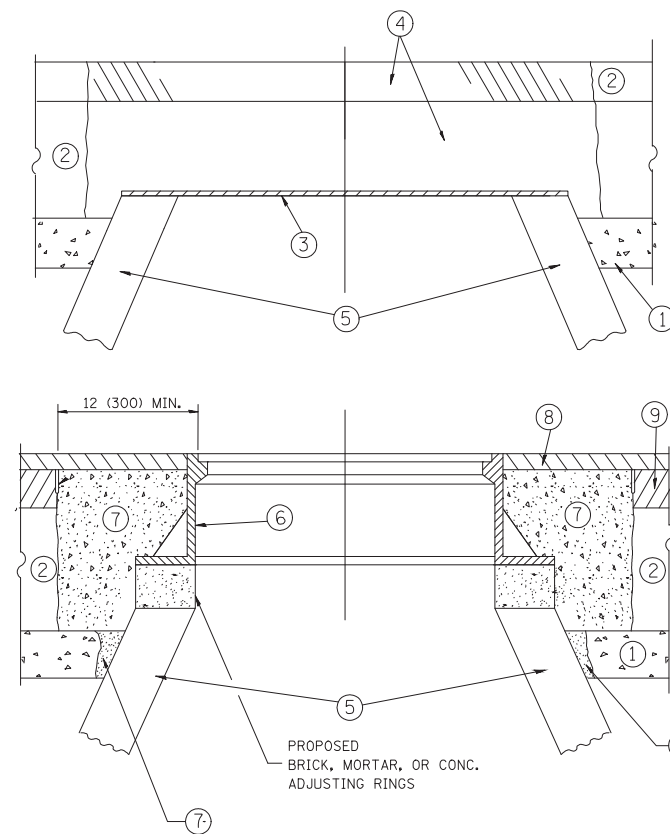
WATER AND SEWER SEPARATION REQUIREMENTS
VERTICAL SEPARATION STANDARD DRAWING NO.22

FILE NAME = 15R0650-DTLS-30 - P07	USER NAME =	DESIGNED -- JR	REVISED --
		CHECKED -- MAW	REVISED --
		DRAWN -- PS	REVISED --
		CHECKED -- AG	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION		MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
MUN 4011 (RAILROAD AVENUE)		4011	16-00098-00-PK		36	25
CONSTRUCTION DETAILS		DUPAGE		CONTRACT NO. 61E55		
SCALE: NONE	SHEET NO. 25 OF 36 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

LAST SAVED BY: PETER ON 2/12/18  
 PLOTTED BY: PETER STEFANOVIC ON 2/12/18



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1\* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

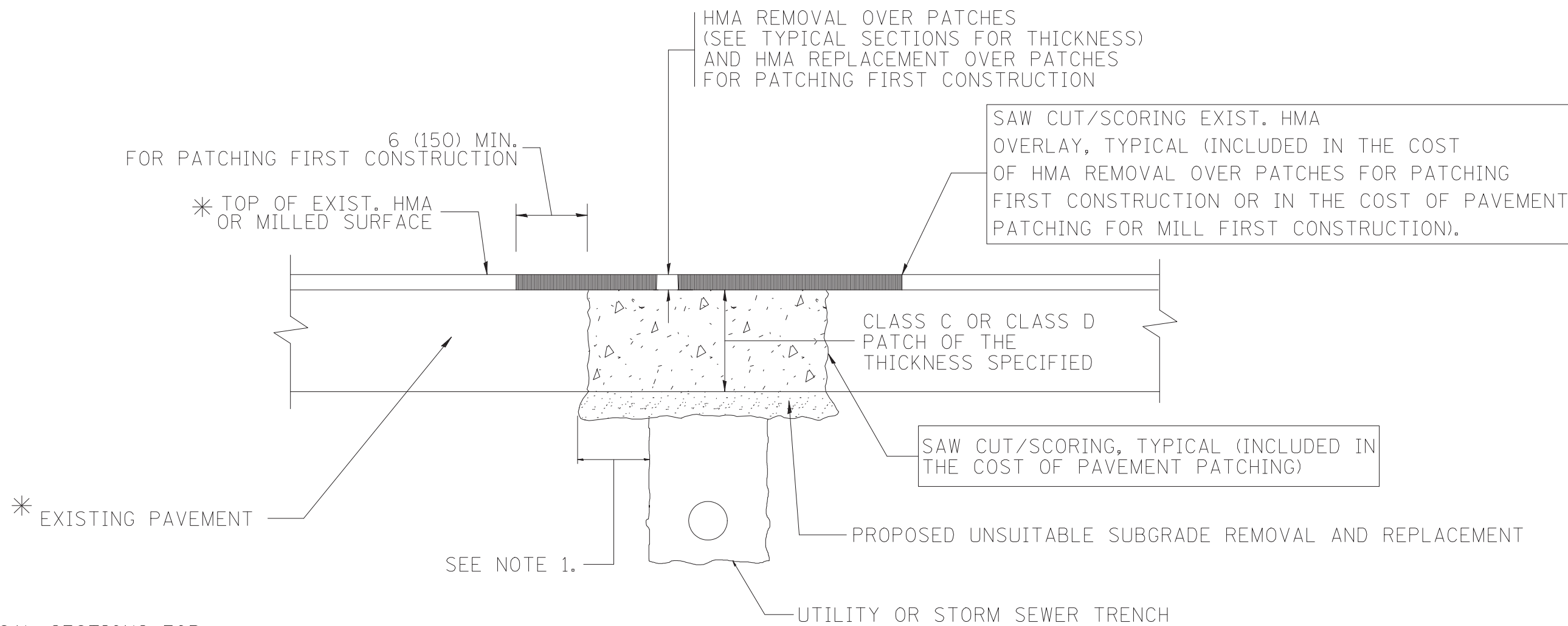
FILE NAME = 15R0650-DTLS-01 - BD-08	USER NAME =	DESIGNED --	REVISED --R. WIEDEMAN 05-14-04
		CHECKED --	REVISED --R. BORO 01-01-07
	PLOT SCALE =	DRAWN --	REVISED --R. BORO 03-09-11
	PLOT DATE =	CHECKED --	REVISED --R. BORO 12-06-11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: SHEET NO. 26 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	26
<b>80600-03 (BD-3)</b>		CONTRACT NO. 61E55		
FED. ROAD DIST. NO.	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 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.

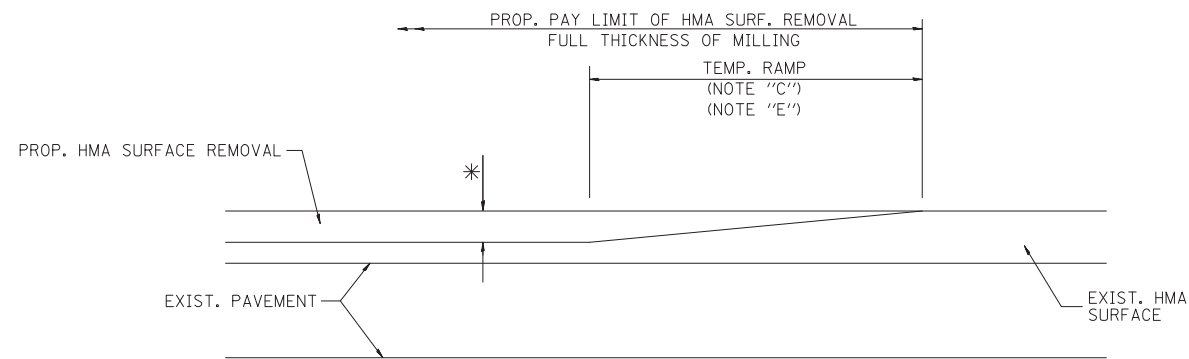
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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		CHECKED --	REVISED -- R. BORO 01-01-07
	PLOT SCALE =	DRAWN --	REVISED -- R. BORO 09-04-07
	PLOT DATE =	CHECKED --	REVISED -- K. ENG 10-27-08

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

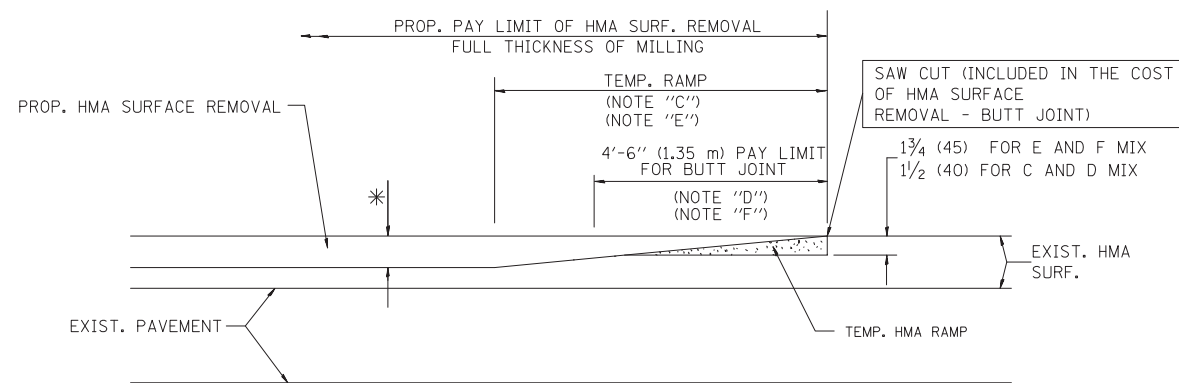
<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>	
SCALE:	SHEET NO. 27 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	27
<b>80400-04 (BD-22)</b>		CONTRACT NO. 61E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

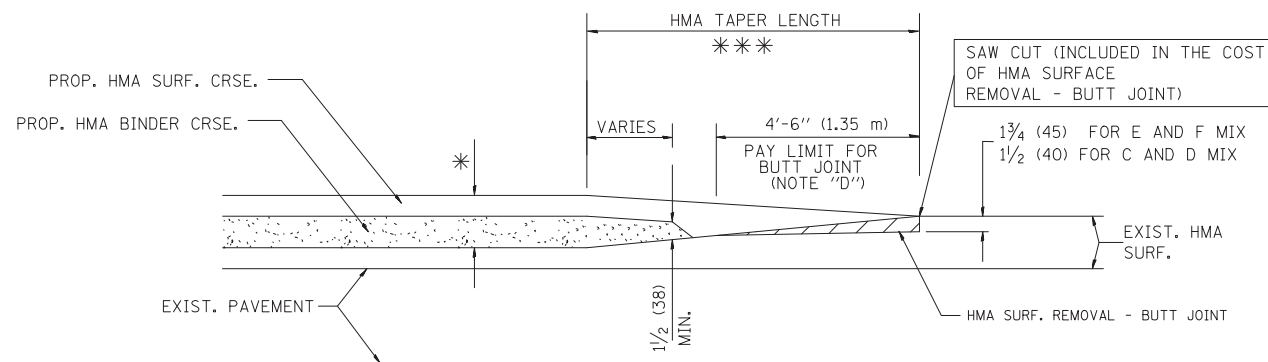
OPTION 1



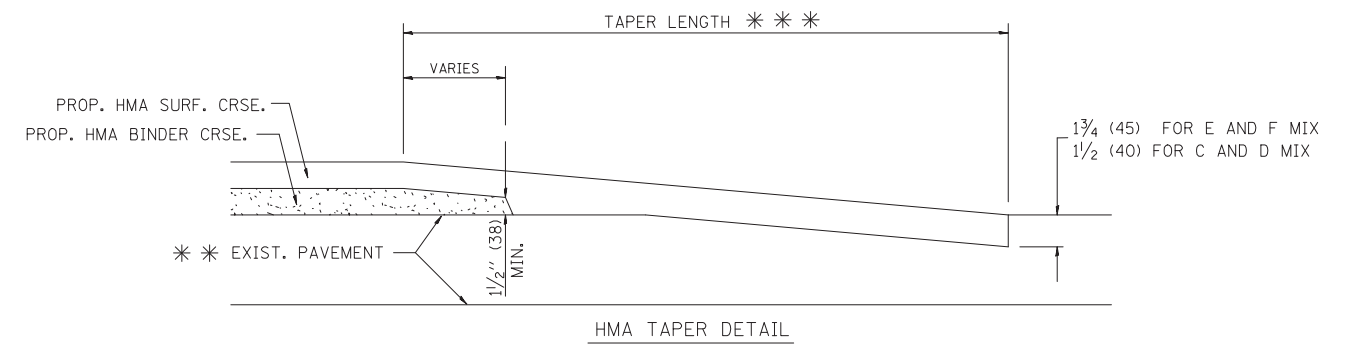
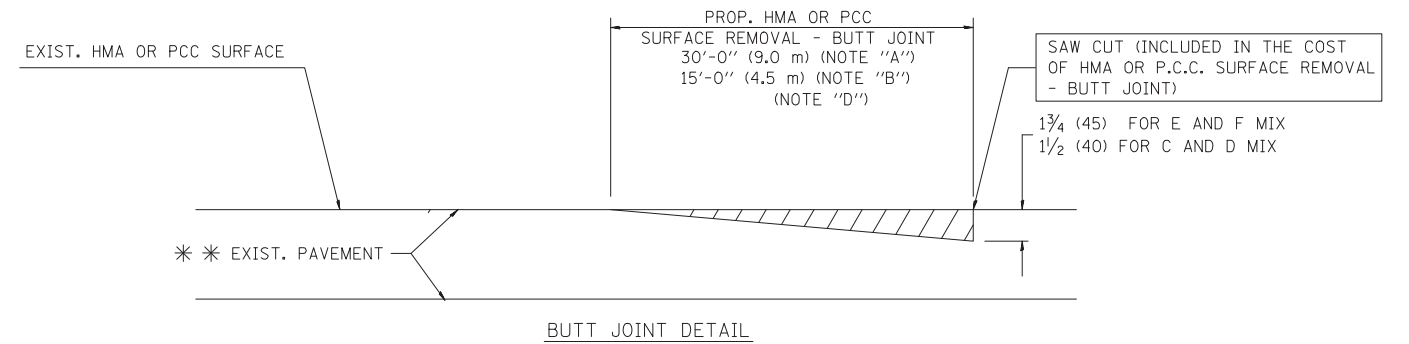
HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



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



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 = 15R0650-DTLS-01 - BD-32

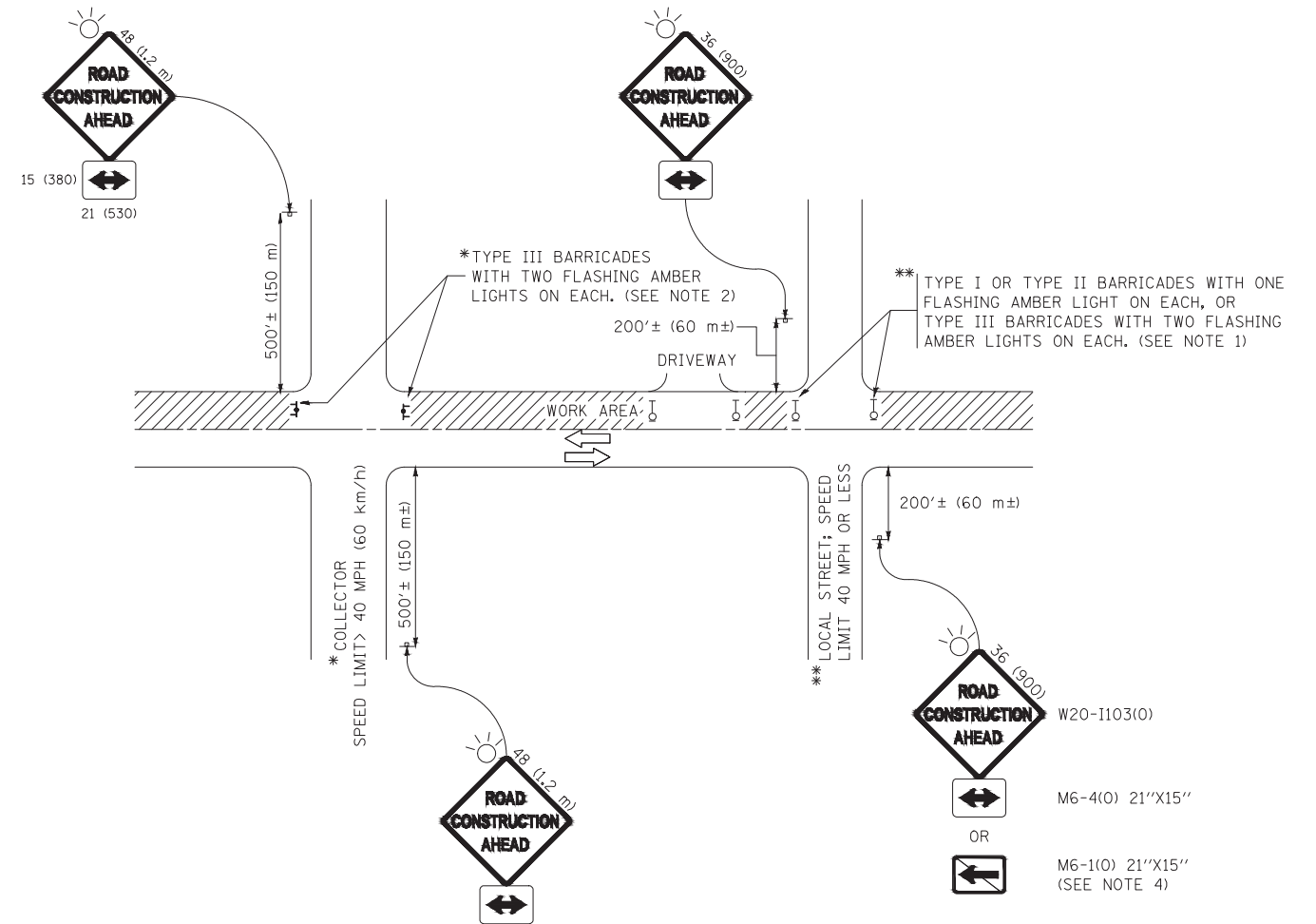
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	CHECKED --	REVISED -- A. ABBAS 03-21-97
PLOT SCALE =	DRAWN --	REVISED -- M. GOMEZ 04-06-01
PLOT DATE =	CHECKED --	REVISED -- R. BORO 01-01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

SCALE: SHEET NO. 28 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	28
80400-05 8032		CONTRACT NO. 61E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**NOTES:**

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 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. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. 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).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

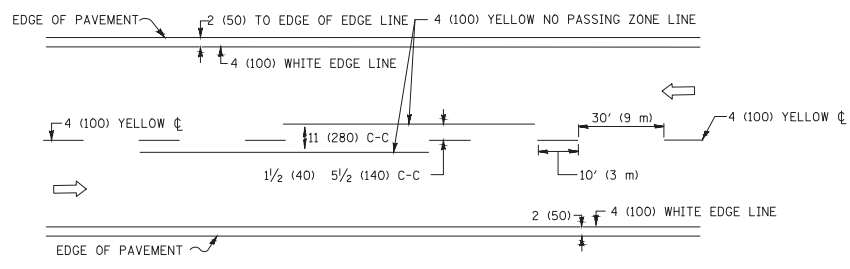
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		CHECKED --	REVISED -- T. RAMMACHER 01-06-00
	PLOT SCALE =	DRAWN --	REVISED -- A. SCHUETZE 07-01-13
	PLOT DATE =	CHECKED --	REVISED -- A. SCHUETZE 09-15-16

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

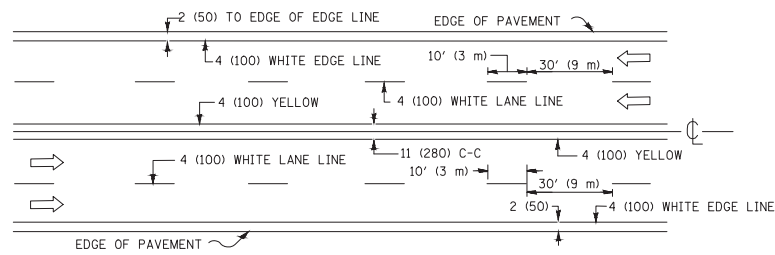
TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: SHEET NO. 29 OF 36 SHEETS STA. TO STA.

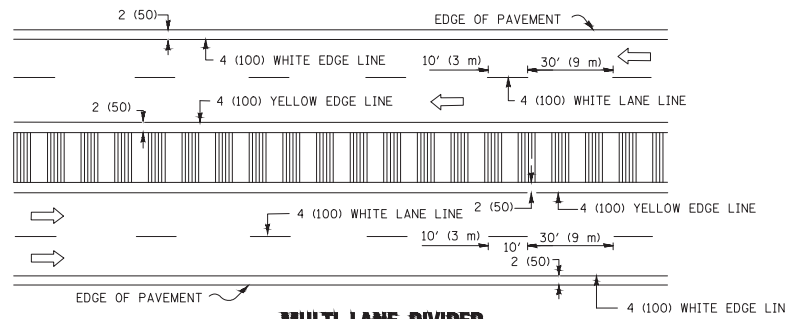
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4011	16-00096-00-PK	DUPAGE	36	29
<b>TC-10</b>		CONTRACT NO. 61E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**2-LANE ROADWAY**

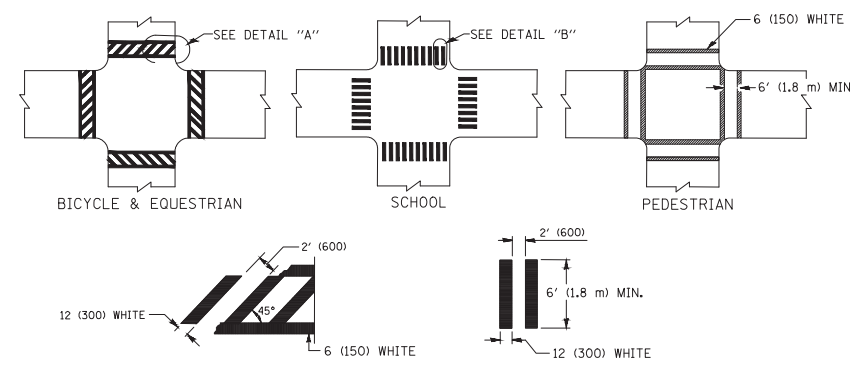


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

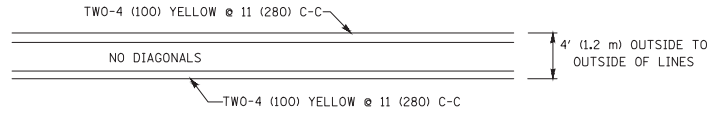


**DETAIL "A"**

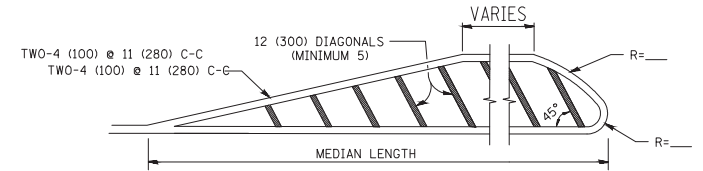
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



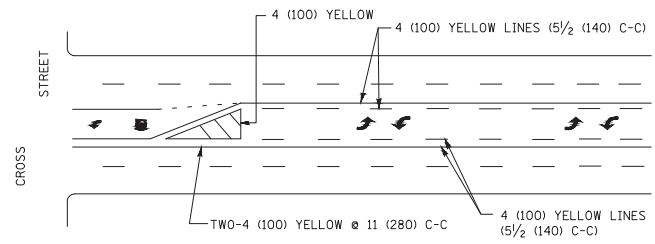
**4' (1.2 m) WIDE MEDIANS ONLY**



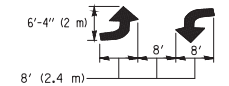
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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**

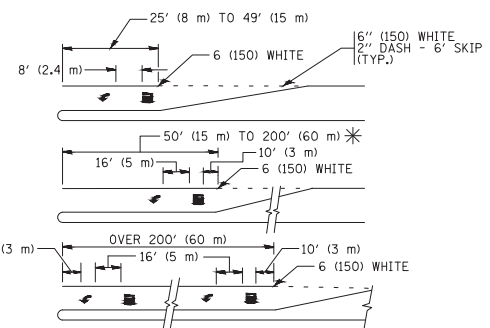


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

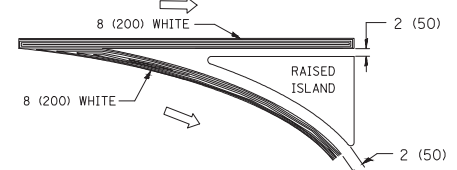
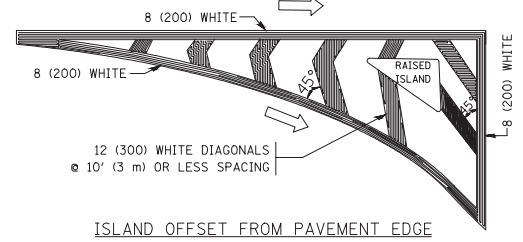


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

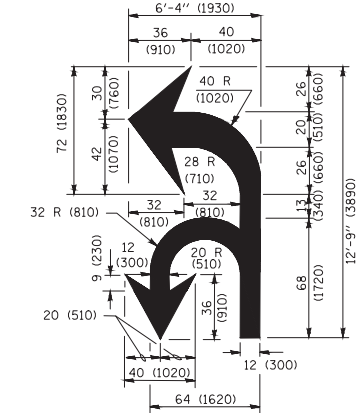
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

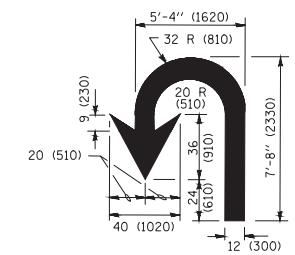
**TYPICAL TURN LANE MARKING**



**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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.

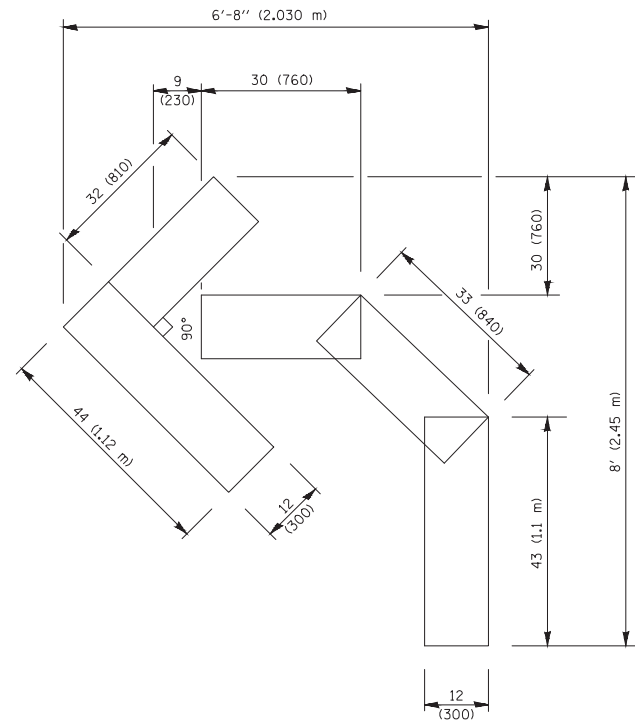
FILE NAME = 15R0650-DTLS-91 - TC-13

USER NAME =	DESIGNED —	REVISED — C. JUCIUS 09-09-09
PLOT SCALE =	CHECKED —	REVISED — C. JUCIUS 07-01-13
PLOT DATE =	DRAWN —	REVISED — C. JUCIUS 12-21-15
	CHECKED —	REVISED — C. JUCIUS 04-12-16

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

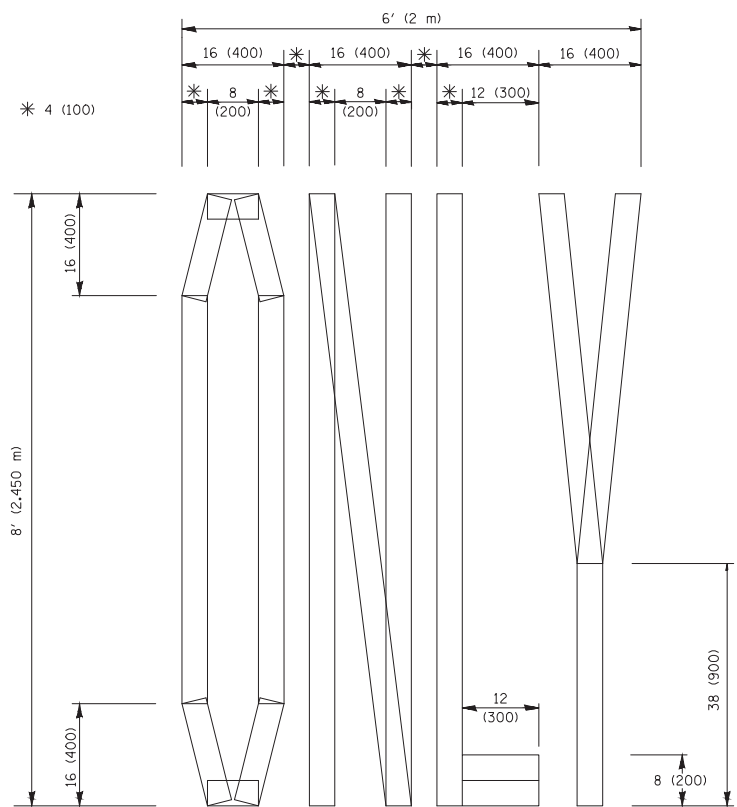
**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

SCALE:	SHEET NO. 30 OF 36 SHEETS	STA. TO STA.	MUN. 4011	SECTION 16-00098-00-PK	COUNTY DUPAGE	TOTAL SHEETS 36	SHEET NO. 30
			<b>TC-13</b>		CONTRACT NO. 61E55		
			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



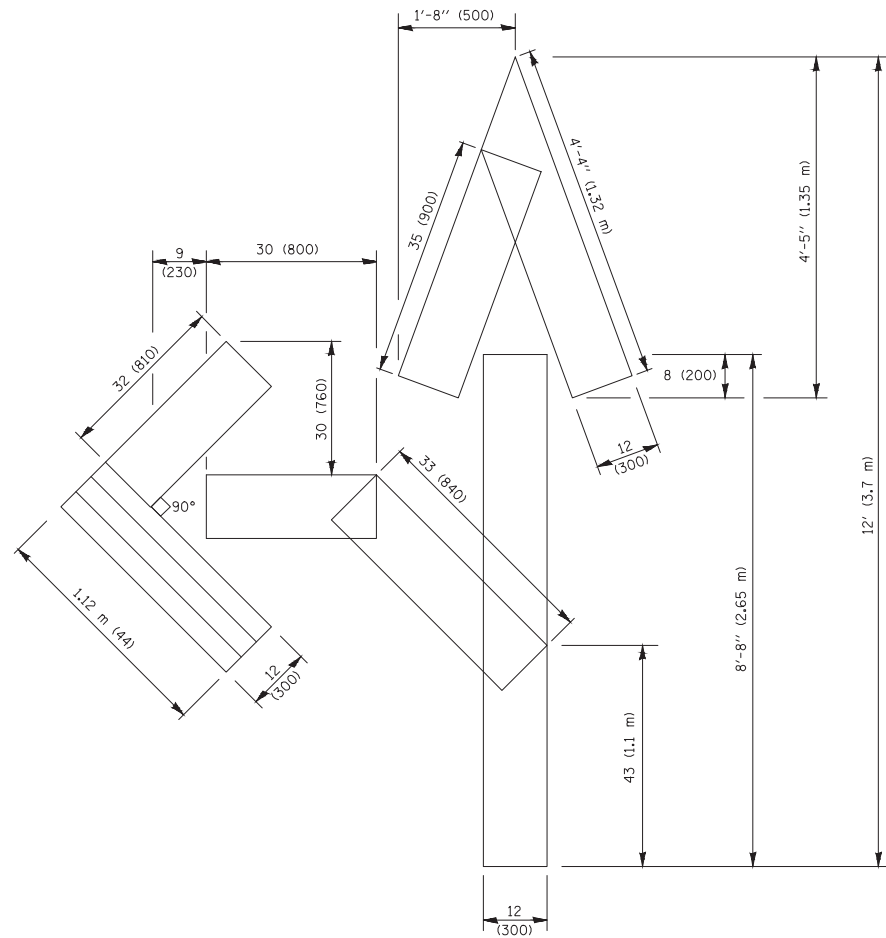
**QUANTITY**

4 (100) LINE = 45.5 ft. (13.9 m)  
15.2 sq. ft. (1.41 sq. m)



**QUANTITY**

4 (100) LINE = 64.1 ft. (19.5 m)  
21.4 sq. ft. (1.99 sq. m)

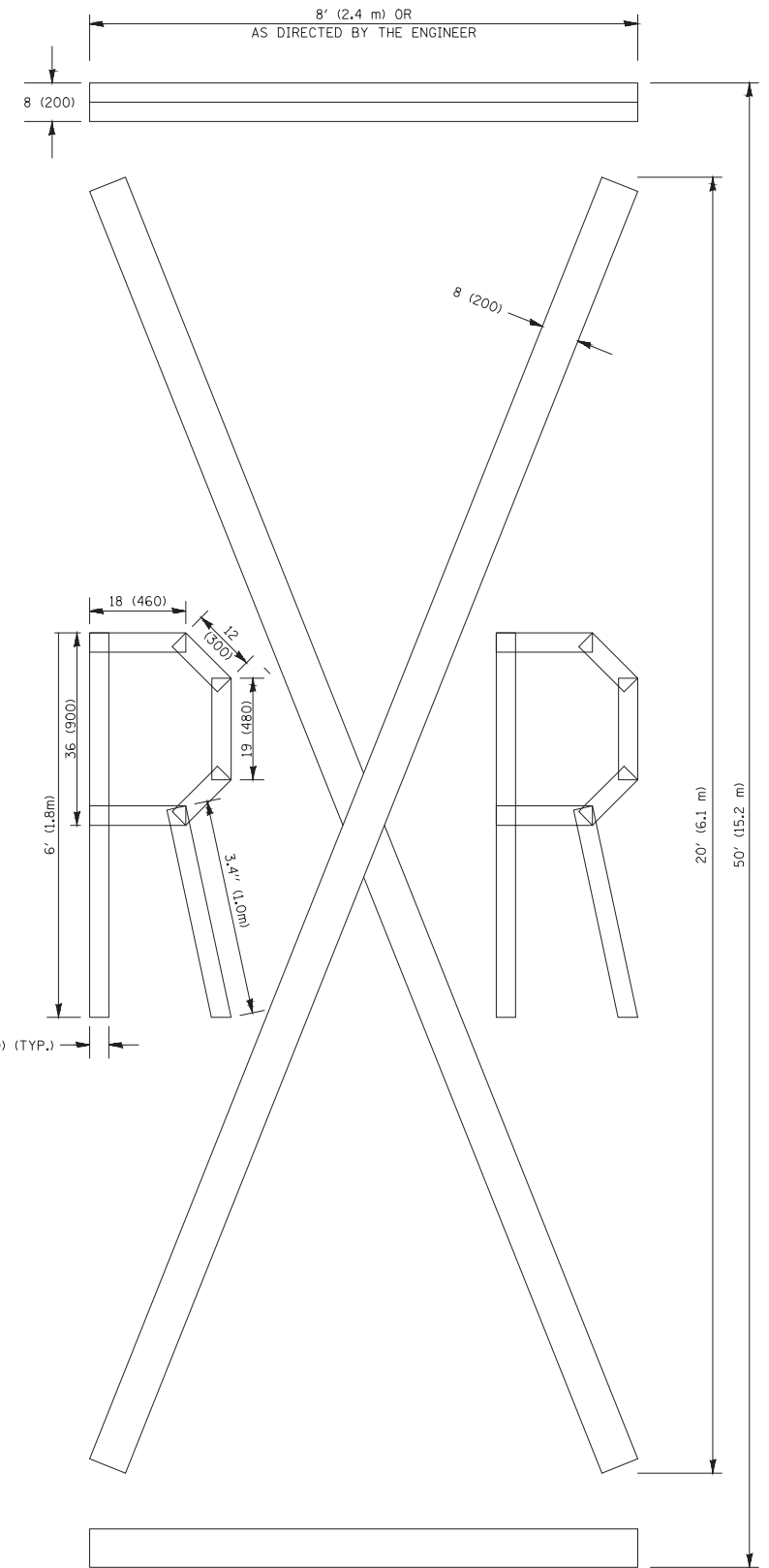


**QUANTITY**

4 (100) LINE = 82.5 ft. (25.1 m)  
27.5 sq. ft. (2.53 sq. m)

**NOTE:**

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



**QUANTITY**

4 (100) LINE = 225.9 ft. (68.9 m)  
75.3 sq. ft. (6.99 sq. m)

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

FILE NAME = 15R0650-DTLS-31 - TC-16

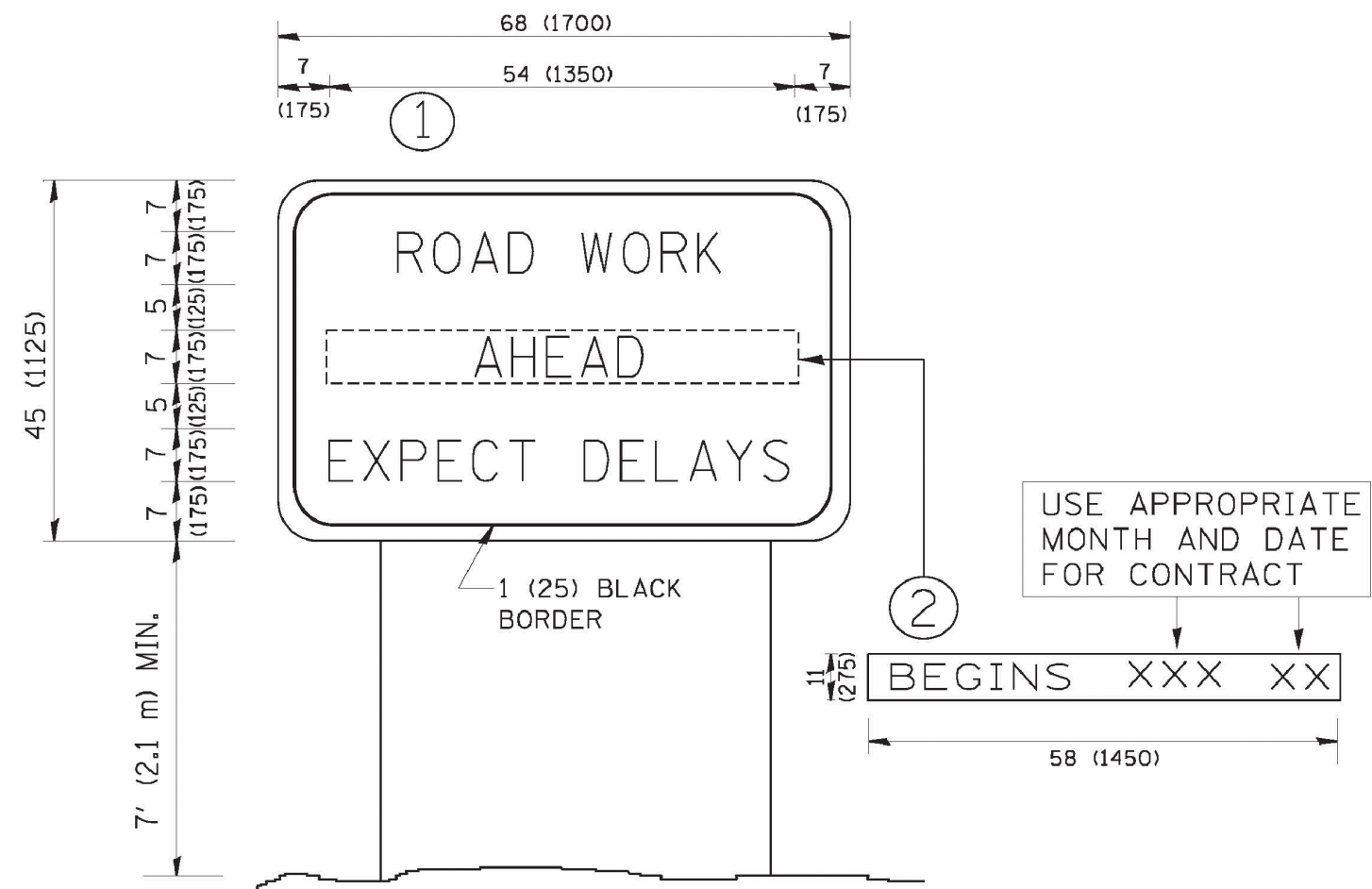
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	CHECKED --	REVISED --E. GOMEZ 08-28-00
PLOT SCALE =	DRAWN --	REVISED --E. GOMEZ 08-28-00
PLOT DATE =	CHECKED --	REVISED --A. SCHUETZE 09-15-16

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: SHEET NO. 31 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00096-00-PK	DUPAGE	36	31
TC-16		CONTRACT NO. 61E55		
FED. ROAD DIST. NO.	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.

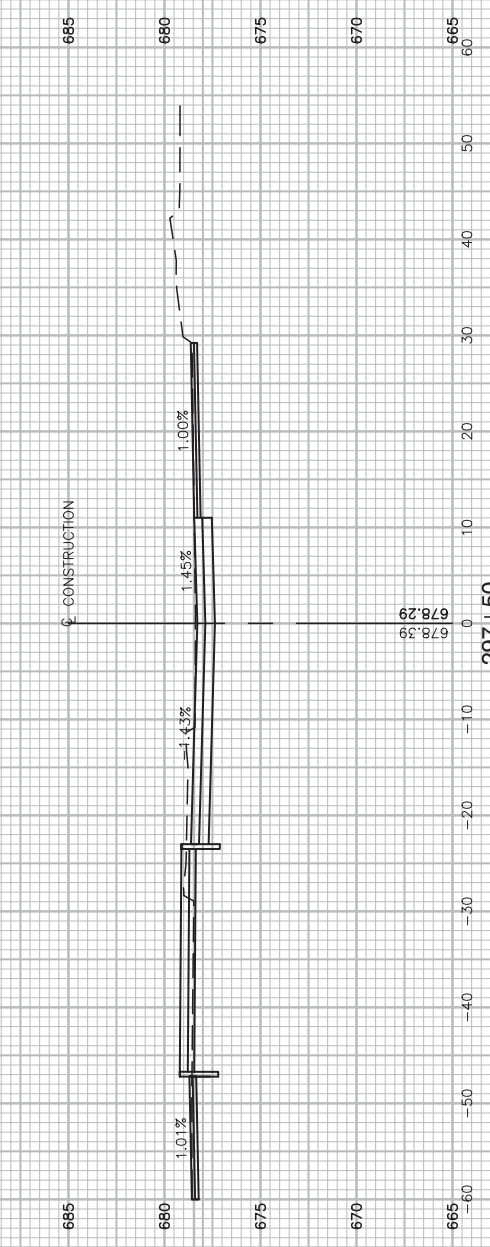
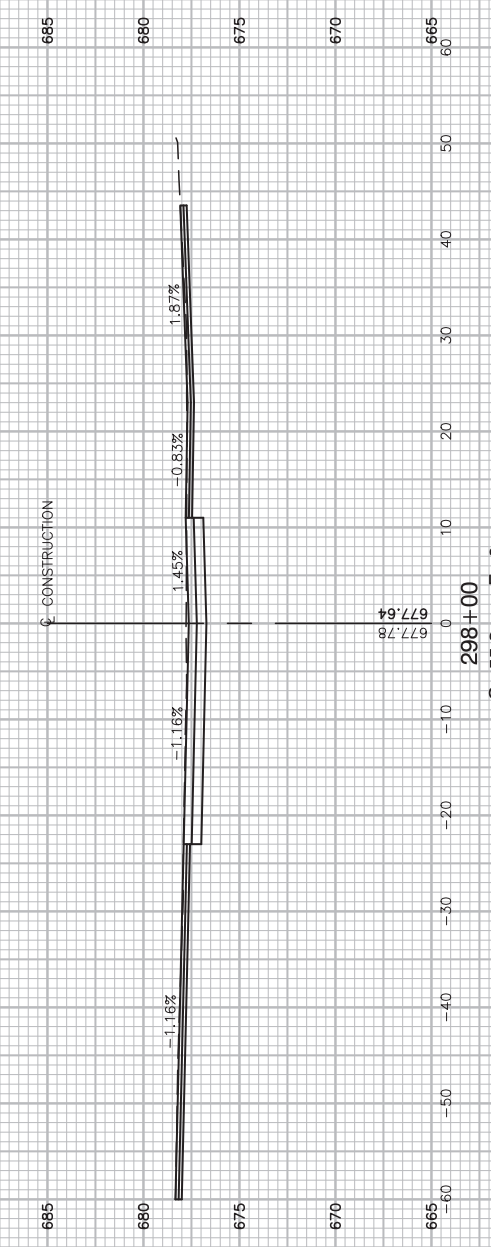
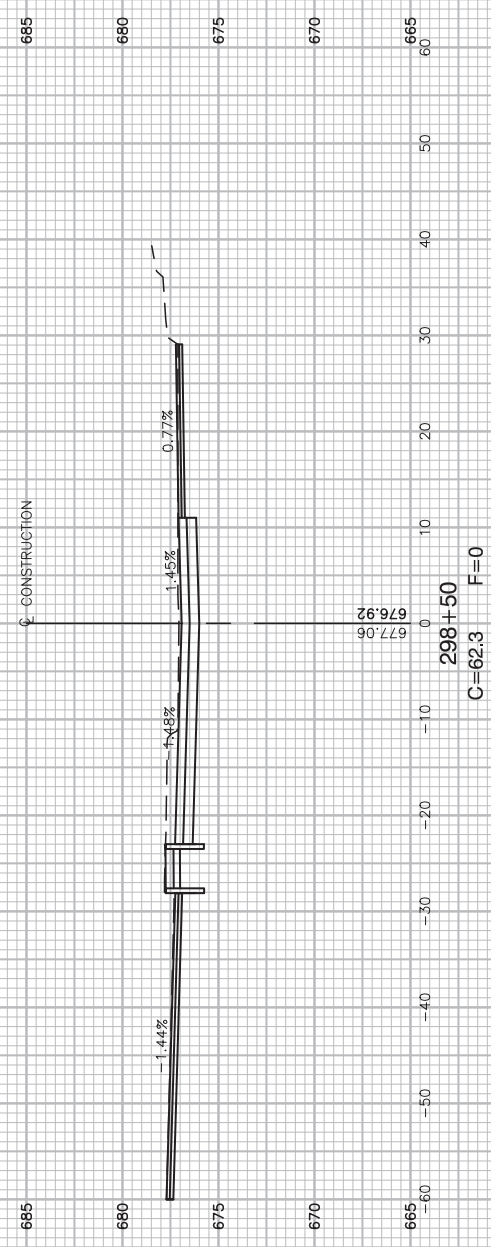
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		CHECKED --	REVISED --
	PLOT SCALE =	DRAWN --	REVISED --
	PLOT DATE =	CHECKED --	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>ARTERIAL ROAD INFORMATION SIGN</b>	
SCALE:	SHEET NO. 32 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00096-00-PK	DUPAGE	36	32
<b>TC-22</b>		CONTRACT NO. 61E55		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





SEE SHEET 8 FOR CONTINUATION OF PARKING LOT GRADING

SEE SHEET 8 FOR CONTINUATION OF PARKING LOT GRADING

FILE NAME = 15R0650-XSCT-30 - RAILROAD X01

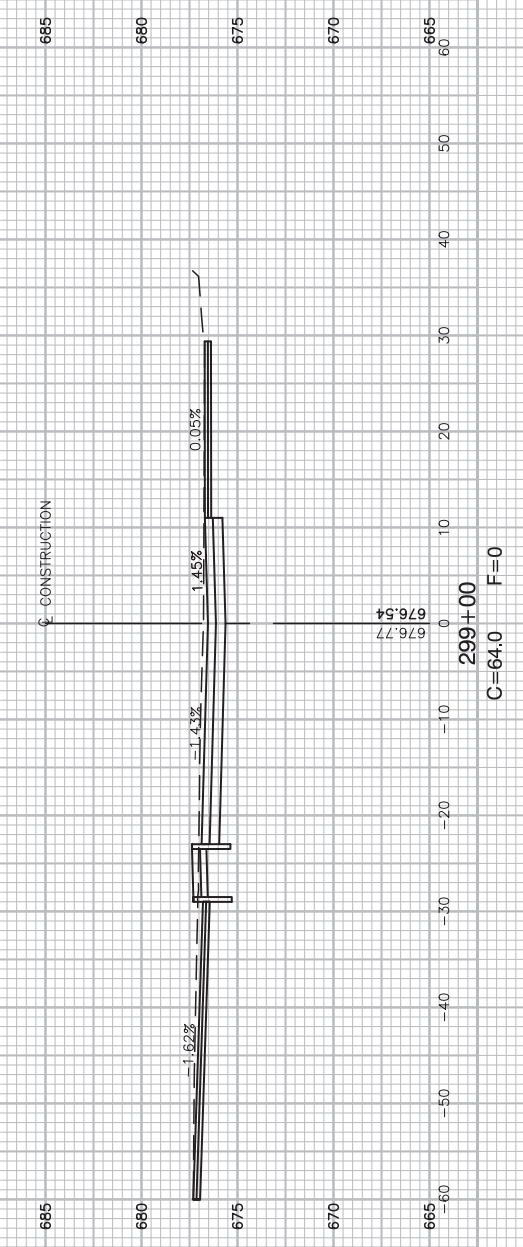
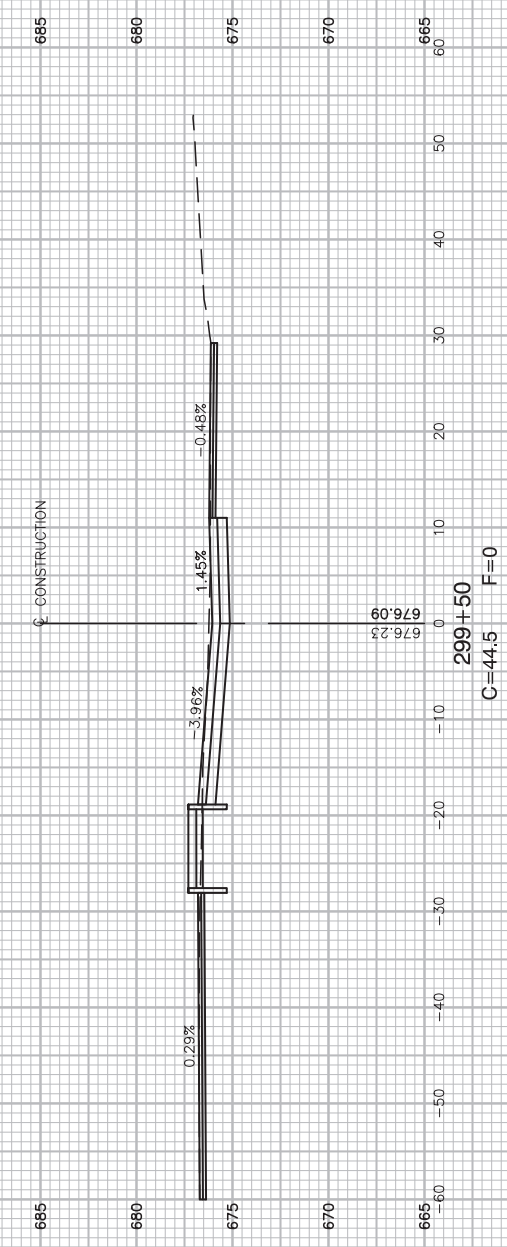
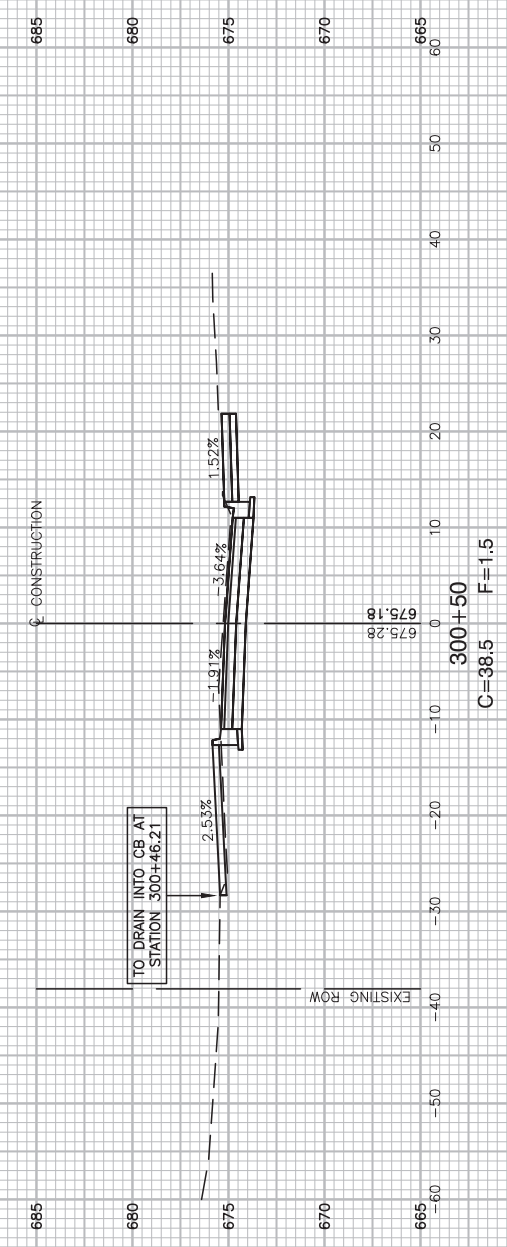
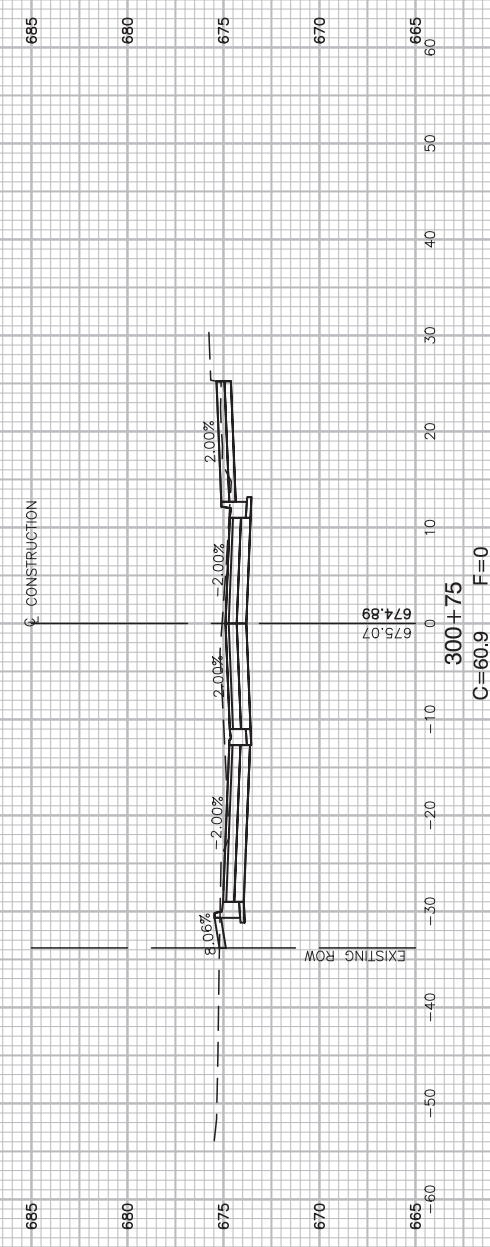
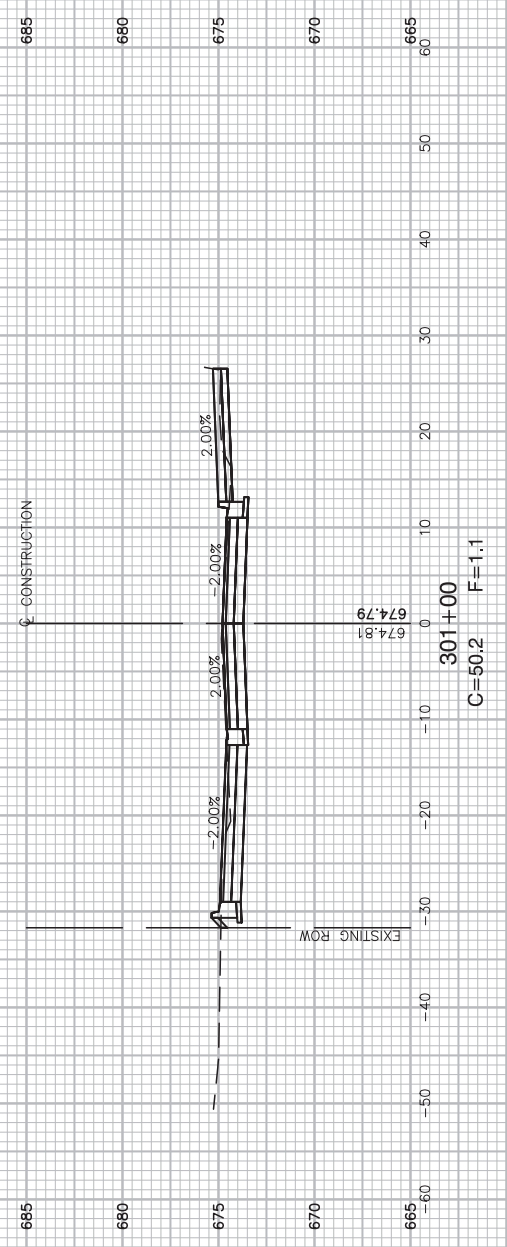
USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — MAW	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 33 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00098-00-PK	DUPAGE	36	33
CONTRACT NO. 61E55				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NAME = 15R0650-XSCT-30 - RAILROAD X02

USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — MAW	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

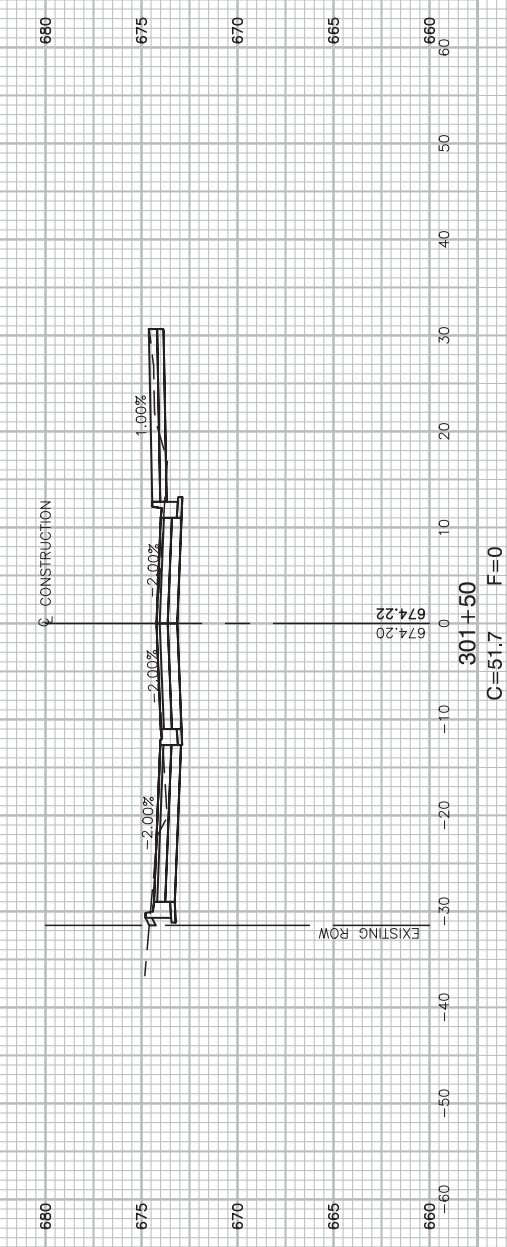
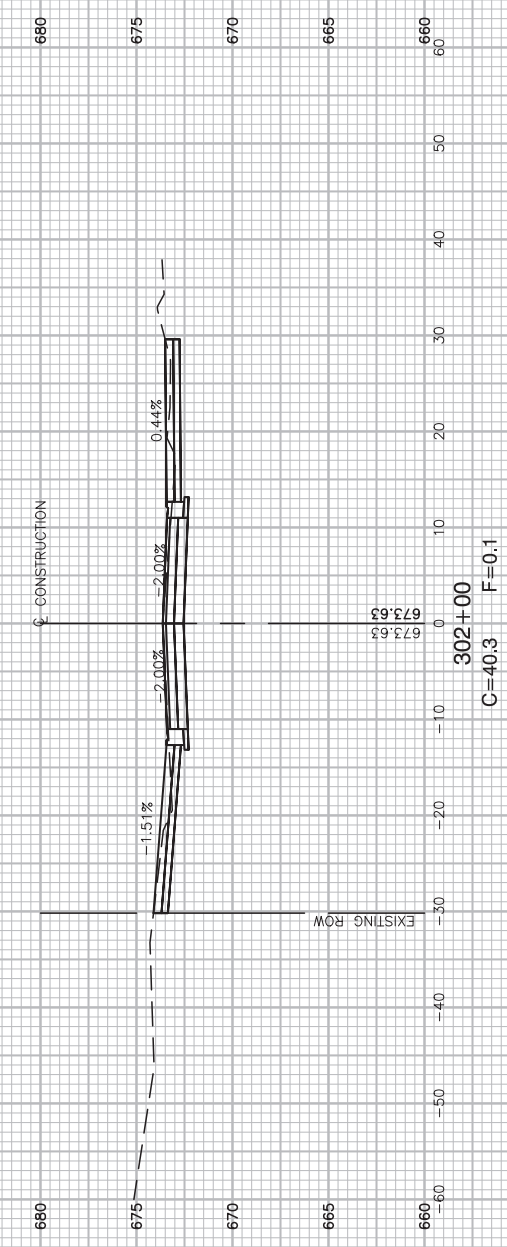
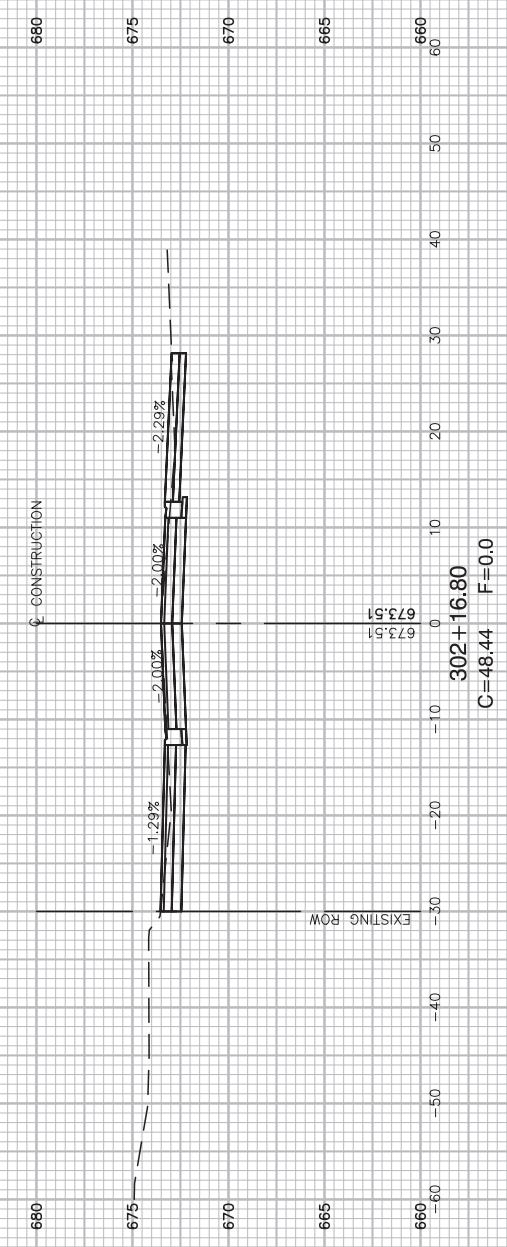
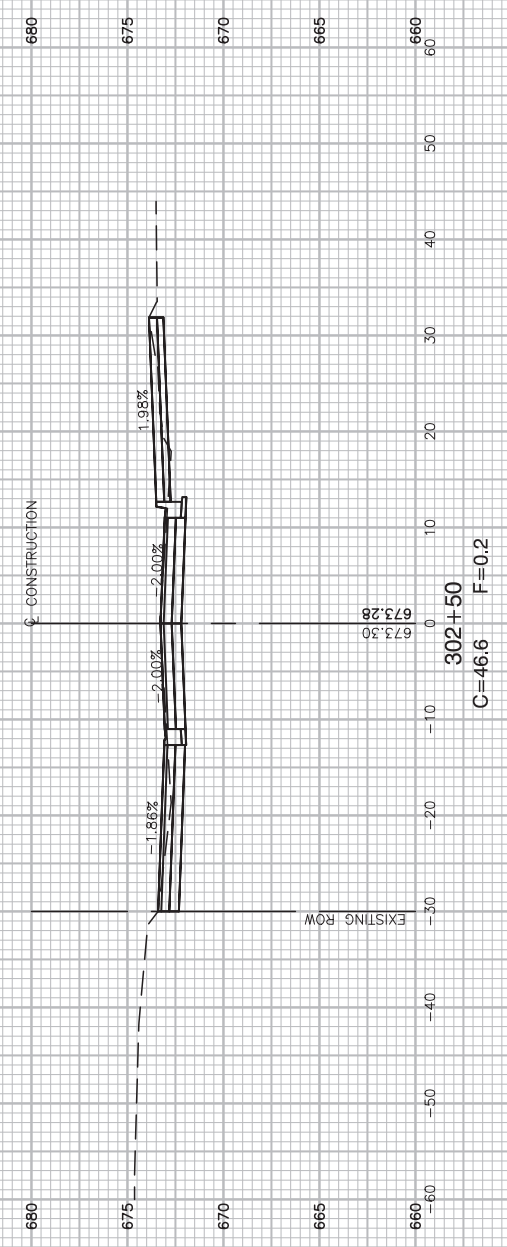
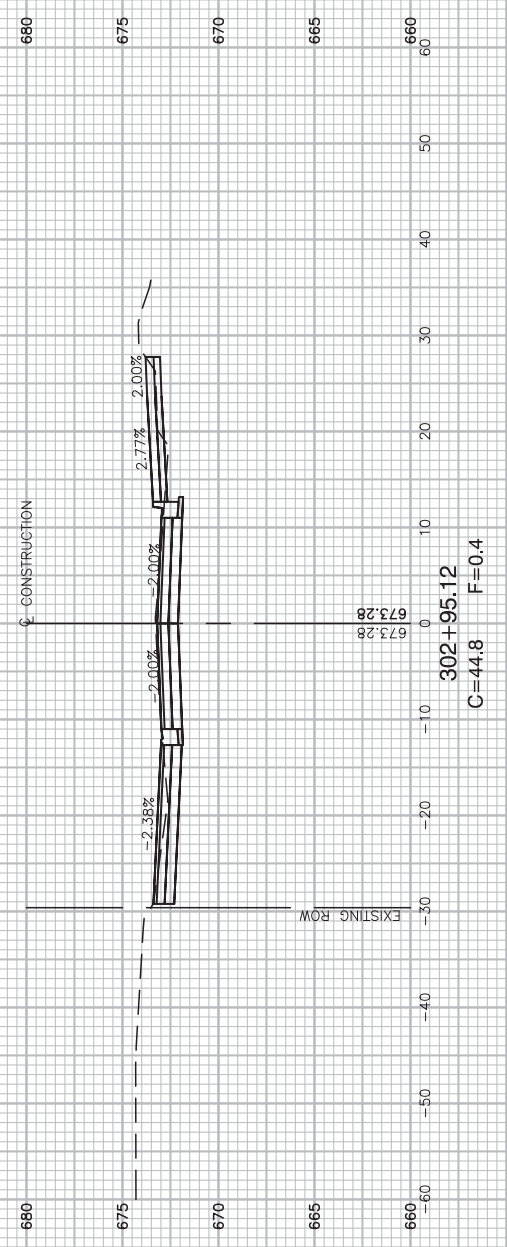
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 34 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00096-00-PK	DUPAGE	36	34
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CONTRACT NO. 61E55



FILE NAME = 15R0650-XSCT-30 - RAILROAD X03  
 USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 2-12-18

DESIGNED — JR	REVISED —
CHECKED — MAW	REVISED —
DRAWN — PS	REVISED —
CHECKED — AG	REVISED —

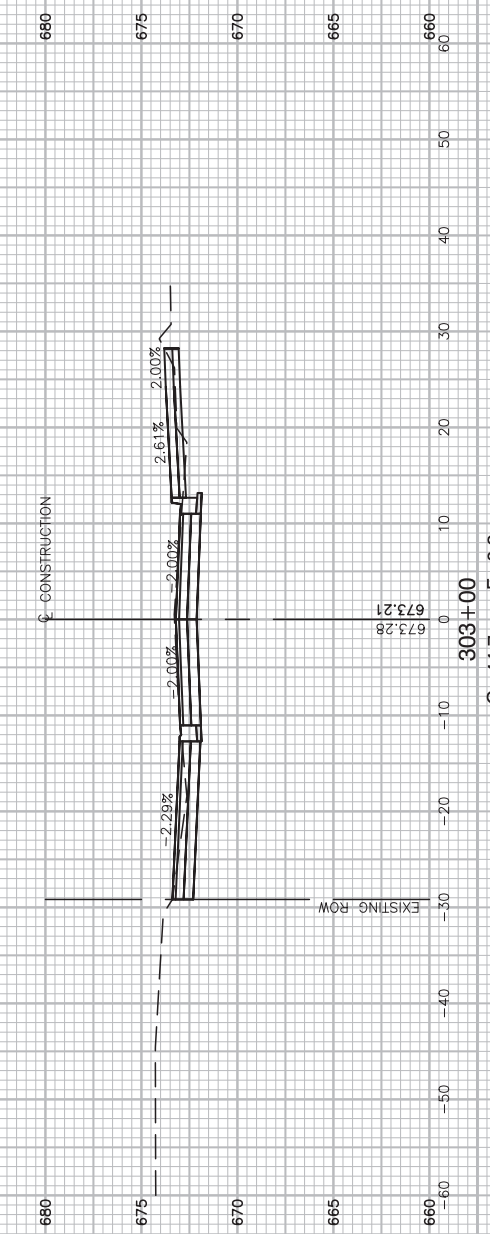
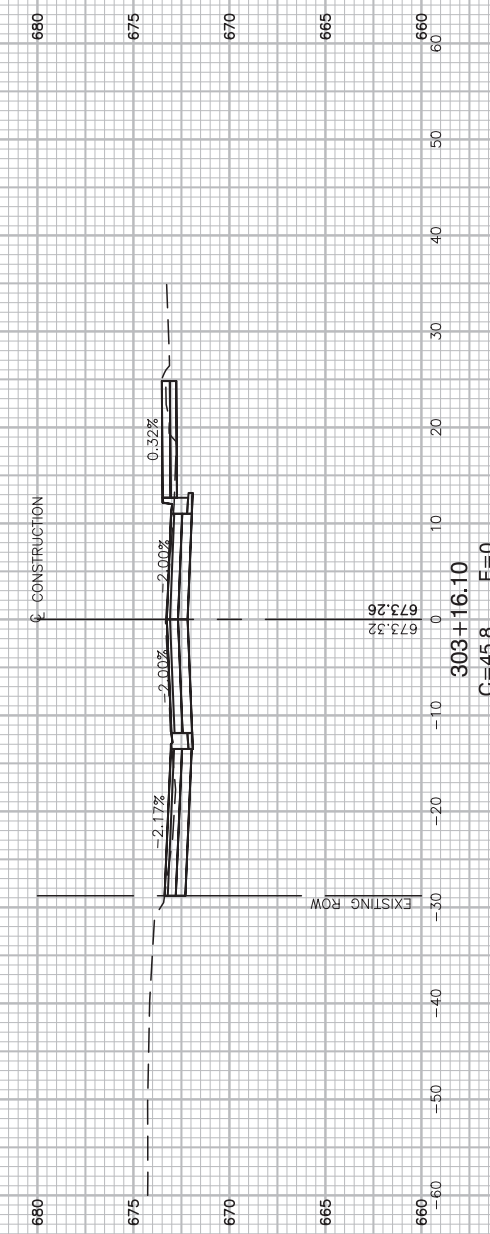
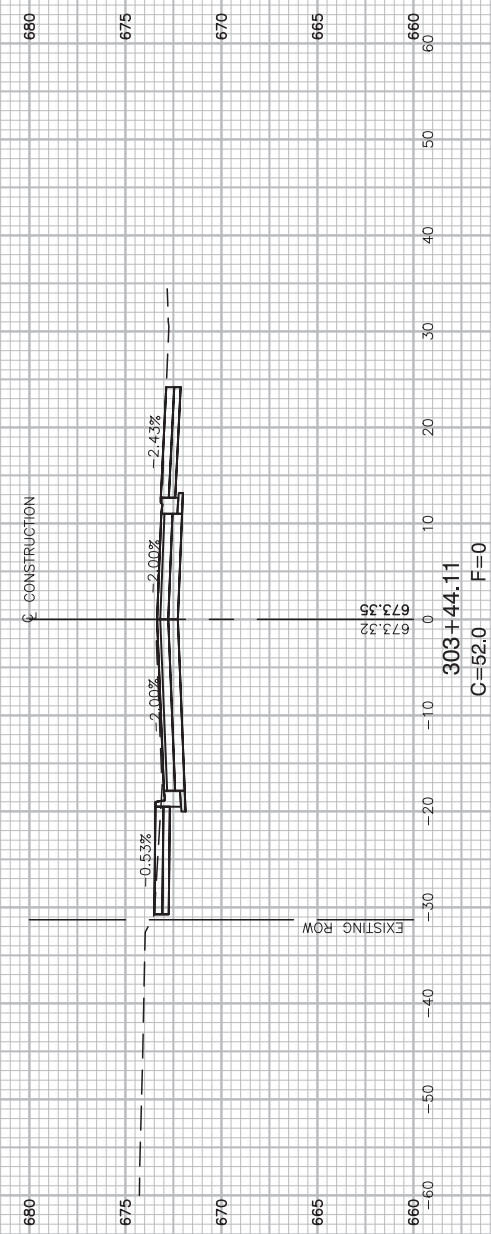
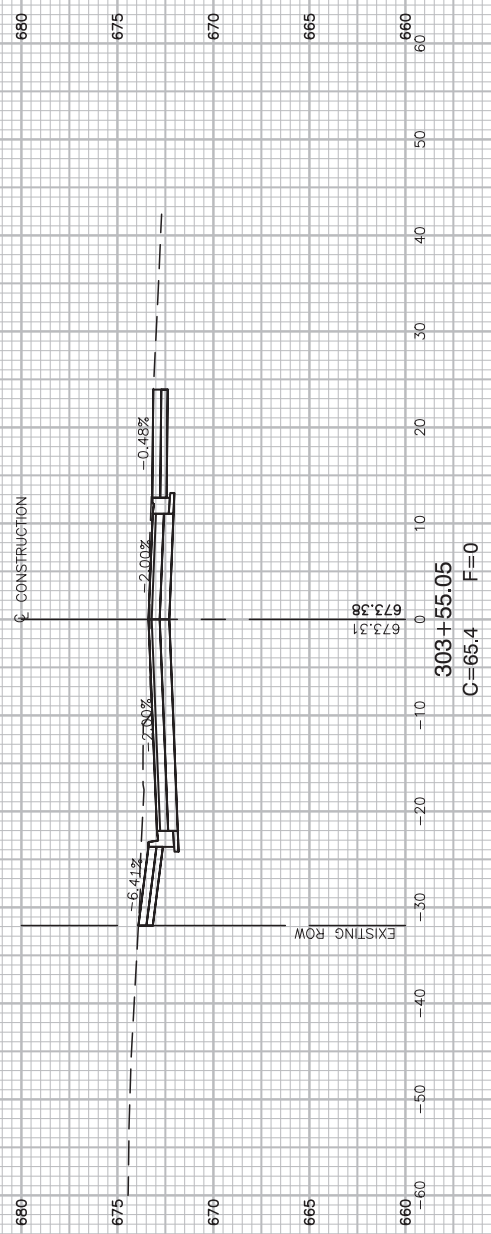
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
 MUN 4011 (RAILROAD AVENUE)  
 CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 35 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00096-00-PK	DUPAGE	36	35
CONTRACT NO. 61E55				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

JUST SAVED BY: PSTEP ON 2/12/18  
 PLOTTED BY: PETER STEPANOVIC ON 2/12/18



FILE NAME = 15R0650-XSCT-30 - RAILROAD X04

USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — MAW	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 2-12-18	CHECKED — AG	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PARKING, SIDEWALKS, RESURFACING, RECONSTRUCTION  
MUN 4011 (RAILROAD AVENUE)  
CROSS SECTIONS

SCALE: H 1"=10' V 1"=5' SHEET NO. 36 OF 36 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	16-00096-00-PK	DUPAGE	36	36
CONTRACT NO. 61E55				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		